## **CITY OF KIRKLAND**

## NE 85TH ST PED-BIKE CONNECTION 114TH AVE NE TO 6TH ST JOB NO. 37-24-PW CIP No. STC1070000

#### ADDENDUM NO. 2

#### TO THE PLANS, SPECIFICATIONS, PROPOSAL AND CONTRACT

Issued This Date:	Friday, January 24, 2025
Bid Opening:	Unchanged – February 5, 2025
Place of Opening:	City Hall, Council Chambers

#### Notice to All Plan holders:

This Addendum No. 2, containing the following revisions, additions, deletions, and/or clarifications is hereby made part of the Plan and Contract Documents for the abovenamed project. Bidders shall take this Addendum into consideration when preparing and submitting their bids and it shall be attached to the Contract Documents.

# Contractors shall acknowledge receipt of this Addendum in the place provided on Proposal page 7. Failure to do so may disqualify the Bidder from consideration of its bid.

All other requirements of the contract documents remain in effect.

#### **CONTRACT DOCUMENTS:**

#### <u>Item 1:</u>

Location: Bid Proposal

Description: Remove bid proposal page 6 and replace with revised bid proposal page 6 that is included as an attachment to this addendum. Revisions have been made to clarify the sales tax calculation for the total bid

#### Item 2:

Location: Bid Schedule

Description: Remove bid proposal page 9 and replace with revised bid proposal page 9 that is included as an attachment to this addendum

- The quantity and unit of measure for Item No. 55 has been revised from <del>20 EA</del> to 30 LF
- The quantity for Item No. 56 has been revised from <del>23</del> EA to 22 EA

#### <u>Item 3:</u>

Location: Appendix B: Permits Description: Add the Land Surface Modification Permit that is included as an attachment to this addendum

#### <u>ltem 4:</u>

Location: Plans

Description: Sheets DR1, DR2, DR3, WP1, WP4, WD1, IL1, IL2, IL3, IL4, IL5, SG2 - Replace in their entirety with the revised sheets, sheets 21-23, 66, 69, 71, 77-81, 84 which are included as an attachment to this addendum

#### <u>ltem 5:</u>

Location: Appendix A: Pre-Approved Plans and Standard Details Description: Insert WSDOT Standard Plan J-28.30-04 and J-28.42-01 included as an attachment to this addendum, after WSDOT Standard Plan J-40.20-03

#### <u>ltem 6:</u>

Location: Special Provisions Section 1-07.17 King County Wastewater Treatment Division

Description: Special Provision Section 1-07.17 Page 49 Line 33 has been supplemented to include "Three (3) points on the sewer pipe shall be monitored for settlement. The point locations shall be proposed by the Contractor and submitted to the Engineer for approval."

#### <u>ltem 7:</u>

Location: Special Provisions Section 8-12 Chain Link Fence and Wire Fence Description: Special Provision Section 8-12.3 Payment has been revised to read "8-12.5 Payment" and "Section 8-12.5 Payment". Page 151 Line 40 has been supplemented to include "... steel sleeves, rebar, non-shrink grout..."

#### <u>ltem 8:</u>

Location: Appendix I: Design Cross Sections

Description: The General Table of Contents now includes an Appendix I. New Appendix I includes design cross sections that are provided for informational purposes only

#### **QUESTIONS AND ANSWERS:**

This informal section is issued as part of the Invitation to Bid in order to document responses to questions raised during the bidding process received via email. In the event of a conflict between information in the Questions and Answers below and the bidding documents, the terms of the bidding documents shall apply.

- A. Is bid item 55 supposed to be measured as LF?a. Yes.
- B. Construction note #3 on the illumination plans list for the foundations to be installed per COK -TS.08 that shows a 4 bolt lighting pole & to provide a slip base assembly per WSDOT J-28.43-01 that is for a 4-bolt foundation to a 3-bolt slip base assembly.

Roadway lighting poles #R1-1 & R1-2 are listed in the luminaire schedule to be per WSDOT pre-approved Ameron drawing J-3512-WA15LT3721 which is for a

3-bolt foundation & slip base assembly. Is the 3-bolt foundation correct for these poles per the WSDOT pre-approved drawing that is referenced?

a. The 3-bolt foundation and 3-bolt slip base is correct.

Roadway lighting pole #R1-3 is listed in the luminaire schedule to be per COK-TS.08 and fixed base but is listed to be installed per construction note 3 as noted above with a slip base assembly. Is this pole to be fixed or slip base and 3 or 4 bolt foundation?

- a. Roadway light pole #R1-3 is designed to have a fixed base with the pole and foundation per COK plan CK-TS.08.
- C. Construction note #4 on the illumination plans list the pedestrian lighting poles are also to have a slip base per WSDOT J-28.43-01 with no further notes in the illumination schedule or specifications.

Are these poles to be slip base and if so, should they utilize breakaway couplings that is a more standard item for this type of pole vs the WSDOT referenced assembly?

- a. The poles are fixed base per City detail CK-R.47A.
- D. According to note 12 on detail 9 below, all new pipe connections need to have a sand collar or a Kor-N-Seal boot. With all storm pipe being high performance polypropylene (ADS HPSTORM Corrugated pipe) does it still require a sand collar or Kor-N-Seal boot? The 12" Ductile Iron Storm Pipe should not require one either, but would like to confirm.
  - Accepted materials [are] listed in Section 7-04.2 of the Special Provisions. ADS HPSTORM Corrugated pipe will not be accepted. The City typically allows PVC pipe with sand collars or Kor-N-boot. Ductile Iron pipe with Kor-N-Boot.
- E. Structural plan sheet S22 lists the anchor bolts for the (2) structure mounted lighting poles in detail 1 are to be stainless steel. Is that correct?
  - a. Yes, the anchor bolts on plan sheet S22 for the structure mounted lighting poles are to be stainless steel.
- F. Are vibration or settlement monitoring services required for the project?
  - a. The project currently does not have any slope monitoring or vibration monitoring requirements. See special provision 1-07.17 for settlement monitoring of the King County Wastewater sewer pipe.
- G. Are the pedestrian railing post sleeves sized correctly? 3" outside diameter 16ga. sleeves will not accommodate the COK CKR.51a posts. Is the sleeve necessary for all posts? Line and terminals?
  - a. Sleeves are intended to accommodate the post sizes (using I.D.) as indicated on the standard drawing CK-R.51A.
- H. Please clarify whether to include tax on the materials in the bid item pricing or if the City of Kirkland will be adding sales tax to the full bid amount.

- a. Please reference Section 1-07.2 and its associated subsections written in the Special Provisions for guidance on the sales tax.
- I. Does the City plan to add a bid item for the temporary quarry spalls shown on the bridge staging plans or will they be considered incidental to another bid item?
  - a. The bridge staging plans are suggested only. This is due to the variation in means and methods for constructing the contract work. No separate bid item will be made for temporary quarry spalls—if used, it would be considered incidental cost for furnishing, placing, and installing the associated bid items.
- J. Will the bridge pedestrian railing have a top coat like powder coating?
  - a. The finish for the bridge railing is just hot-dipped galvanized steel.
- K. Please confirm if Loop No. S61 & S62 are preformed or standard sawcut.a. Loop No. S61 & S62 are preformed.
- L. Can cross sections be made available for the job? Current evaluation of wall construction and access may result in the opportunity to remove additional roadway, from what is define din the plans and bid items. Can additional roadway be removed and replaced to facilitate wall construction?
  - a. Yes, roadway cross sections will be made available. The intent of the Contract is to prescribe a complete Work. During Construction, the awarded Contractor may elect to engage in WSDOT Standard Specification 1-04.4(2) Value Engineering Change Proposal (VECP) for changes to the design.

Sincerely.

Vincent Wen, P.E., Project Engineer, Perteet

George Minassian, P.E., Interim Capital Projects Manager, City of Kirkland

The bidder further proposes to accept as full payment for the work proposed herein, the amounts computed under the provisions of the contract documents and based upon the lump sum and unit price amounts entered by the bidder for the various bid items included in the Bid Schedule. The bidder further agrees the lump sum and unit prices entered for the various bid items included in the Bid Schedule include all use taxes, overhead, profit, bond premiums, insurance premiums and all other miscellaneous and incidental expenses as well as all costs of materials, labor, tools and equipment required to perform and complete the work.

Within the three-year period immediately preceding the date of the bid solicitation for this Project, bidder has not been determined by a final and binding citation and notice of assessment issued by the department of labor and industries or through a civil judgment entered by a court of limited or general jurisdiction to have willfully violated, as defined in RCW 49.48.082, any provision of chapter 49.46, 49.48, or 49.52 RCW.

The undersigned bids and agrees to complete all construction of the **NE 85TH ST PED-BIKE CONNECTION 114TH AVE NE TO 6TH ST; JOB NO. 37-24-PW** for the following:

Total Computed Price (in figures):	\$
Washington State Sales Tax per WAC 458-20	-171 10.3% (in figures): <u>\$ NOT APPLICABLE</u>
Total Bid <i>(in figures)</i> : <u>\$</u>	
Total Bid <i>(in words</i> ):	
Receipt of Addenda No(s)	_is hereby acknowledged.
I certify (or declare) under penalty of perjethat the foregoing is true and correct:	ury under the laws of the State of Washington
CONTRACTOR (Firm Name)	Location or Place Executed: (City, State)
Ву	Name and title of person signing
(Indicate whether Contractor is Partnership, Corporation, or Sole Proprietorship)	Date
Washington State Contractor's	Contractor's Industrial Insurance

#### MUST BE SUBMITTED WITH PROPOSAL

26	Structure Excavation Class B Incl. Haul	2-09	<del>770</del> <u>760</u>	CY		
27	Shoring or Extra Excavation Cl. A - Detention Vault	2-09	1	LS		
<u>28</u>	Shoring or Extra Excavation Cl. A - Pier	<u>2-09</u>	<u>1</u>	LS		
<del>28</del> <u>29</u>	Shoring or Extra Excavation Class B	2-09	<del>2,200</del> <u>2,500</u>	SF		
<del>29</del> <u>30</u>	Construction Geotextile for Separation	2-12	40	SY		
<del>30</del> <u>31</u>	Crushed Surfacing Top Course	4-04	1,880	TON		
<del>31</del> <u>32</u>	Planing Bituminous Pavement	5-04	4,000	SY		
<del>32</del> <u>33</u>	HMA CL. 1/2 In. PG 58H-22	5-04	840	TON		
<del>33</del> <u>34</u>	Asphalt Cost Price Adjustment	5-04	1	CALC	\$2,500	\$2,500
<del>3</del> 4 <u>35</u>	Cement Conc. Pavement	5-05	250	SY		
<del>35</del> <u>36</u>	Stamped Cement Conc. Pavement	5-05	650	SY		
<del>36</del> <u>37</u>	Conc. Class 4000 - Abutments	6-02	21	CY		
<del>37</del> <u>38</u>	St. Reinf. Bar - Abutments	6-02	6,700	LB		
<del>38</del> <u>39</u>	Conc. Class 4000 - Piers	6-02	22	CY		
<del>39</del> <u>40</u>	St. Reinf. Bar - Piers	6-02	9,564	LB		
40 <u>41</u>	Deck (NE 85th Pedestrian Bridge)	6-02	1	LS		
41 <u>42</u>	Voided Slab Girders (Includes Temporary Shoring)	6-02	290	LF		
4 <u>2 43</u>	Elastomeric Bearings	6-02	4	EA		
43 <u>44</u>	Pigmented Sealer	6-02	632	SY		
44 <u>45</u>	Bridge Railing - Superstr.	6-06	334	LF		
45 <u>46</u>	Conc. Class 4000 For Median Retaining Wall	6-11	8	CY		
46 <u>47</u>	St. Reinf. Bar For Median Retaining Wall	6-11	3,019	LB		
47 <u>48</u>	Gravel Backfill for Wall Incl. Haul	6-11	17	CY		
48 <u>49</u>	Structural Earth Wall	6-13	21,500	SF		
4 <del>9</del> <u>50</u>	Gravel Borrow For Structural Earth Wall Incl. Haul	6-13	8,370	CY		
<del>50</del> <u>51</u>	Constructing 5 Ft. Diam. Shaft	6-19	70	LF		
<del>51</del> <u>52</u>	Constructing 4 Ft. Diam. Shaft	6-19	70	LF		
<del>52</del> <u>53</u>	QA Shaft Test	6-19	4	EA		
<del>53</del> <u>54</u>	Removing Shaft Obstructions	6-19	1	EST	\$29,400	\$29,400
<del>5</del> 4 <u>55</u>	Drain Pipe 6 In. Diam.	7-01	<del>20</del> 30	<del>EA</del> LF		
<del>55</del> <u>56</u>	Cleanout 6 In. Diam.	7-01	<del>23</del> 22	EA		



### Land Surface Modification Permit

Clty of Kirkland 123 5th Avenue Kirkland WA 98033 425-587-3600

Permit Number:LSM24-08512Type:Land Surface ModificationWork Class:Non Site Development

Permit mit	ormation		
Job Addre	ss: ROW NE 85th ST	Application Date:	10/30/2024
Project:	CIP - NE 85th Street Pedestrian/Bike Connec	Issue Date:	01/22/2025
Parcel:		Expiration Date:	01/22/2028

#### Scope of Work

COK Project - NE 85th St Ped-Bike Connection 114th Ave NE to 6th: The project will create a pedestrian/bike connection on the south side of NE 85th Street between 114th Avenue NE and 6th Street, with funding provided by Sound Transit. Construction of the pedestrian/bike connection will require retaining walls along the existing embankment slope and a bridge to cross the CKC. Additional improvements will include storm drainage conveyance systems, a new stormwater detention vault, and luminaires.

Contacts					
<b>Type</b> Applicant	<b>Contact Nam</b> Cody Antos City of Kirklan	e Id	Address		<b>Phone</b> 4255873823
Owner	City of Kirklan	ıd	123 5TH AVE KIRKLAND, WA 98033		
Primary Contact	Kimberly Cora City of Kirklan	aza Id	123 5TH AVE Kirkland, WA 98033		
Water and Sewe	r Districts		Permit Type of Work		
Water:			Water	Sto	orm Drainage
Sewer:			Sewer		)W
Conditions					
The City approved inspection person Kirkland tax location knowledge and th	I plans, permit, c nel. Any sales t on code 1716. I c e applicable City	onditions, and inspection ax reported to the State ir certify that the information of Kirkland requirements	record must remain on the job site association with this project shou furnished by me is true and correct will be met.	for use by ld be code ot to the be	City d to the City of st of my
				<b>D</b> 4 <b>T C</b>	4 /00 /0005
Owner or	Agent	KIMBER	LY CORAZA	DATE:	1/22/2025

(Signature)

## SPECIFIC PERMIT CONDITIONS



BUILDING ADDRESS	PERMIT NUMBER	PERMIT TYPE / WORK CLASS	DATE PRINTED
ROW NE 85th ST	LSM24-08512	Land Surface Modification / Non Site Development	1/22/2025

#### DESCRIPTION OF WORK:

COK Project - NE 85th St Ped-Bike Connection 114th Ave NE to 6th: The project will create a pedestrian/bike connection on the south side of NE 85th Street between 114th Avenue NE and 6th Street, with funding provided by Sound Transit. Construction of the pedestrian/bike connection will require retaining walls along the existing embankment slope and a bridge to cross the CKC. Additional improvements will include storm drainage conveyance systems, a new stormwater detention vault, and luminaires.

Maintenance Agreement - Landscape St 20000328000412 TPS 6/22/2000	trip and Sidewalk Department Conditions:

#### Planning Department Conditions:

PLANNING CONDITIONS – Contact Kelly Wilkinson, Phone Number 425-587-3264:

- PBD 1. GEOTECHNICAL REPORT All development activity shall follow the recommendations of the geotechnical report prepared by HWA Geosciences Inc dated December 12th, 2023 and submit additional geotechnical information as specified in the report.
- PBD 2. ALL HOURS OF CONSTRUCTION All development activity and heavy equipment operation is restricted to 7:00 AM to 8:00 PM Monday through Friday, and 9:00 AM to 6:00 PM Saturday. Other restrictions on Saturday include: no working in the right-of-way, no work requiring inspection, and no trucking into or out of the site; however, light grading work on-site on Saturday is allowed. NO development activity or heavy equipment operation may occur on Sundays or the following holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.
- PBD 3. MAXIMUM NOISE LEVELS All mechanical units shall comply with the maximum environmental noise levels established pursuant to the Noise Control Act of 1974, Revised Code of Washington (RCW) 70.107. See Chapter 173-60 Washington Administrative Code (WAC). A link to the WAC and RCW is available at http://www.kirklandwa.gov/Government/Codes\_and\_Laws.htm.
- PBD 4. BALD EAGLE PROTECTION This permit is conditioned upon strict observance of all applicable federal laws for bald eagle protection. The permittee is responsible for adhering to the applicable bald eagle management guidelines and/or their federal permit. Visit www.fws.gov/pacific/eagle/ if you need assistance with federal permitting requirements.
- PBD 5. TREE PROTECTION The applicant shall install temporary but immovable construction fencing around the drip line of all significant trees to be retained after the pre-construction meeting but prior to any grading or site construction. The Public Works Department MUST inspect and approve all tree fencing prior to the start of any other site work. DO NOT MOVE OR REMOVE THE FENCING UNLESS AUTHORIZED BY THE PLANNING AND BUILDING DEPARTMENT. Please call 425-587-3805 to request inspection. ADVANCE NOTICE OF ONE WORKING DAY REQUIRED FOR INSPECTION.
- PBD 6. TREES Prior to final inspection, a table detailing the trees removed and new trees planted must be submitted to the Planning & Building Department. Landmark trees must be replaced at a ratio of 3:1. All other regulated trees will be replaced at a ratio of 1:1. Fee in lieu for required replacement trees not planted on site must be paid prior to final.



CONSTRUCTION NOTES:
1 REMOVE EXISTING CATCH BASIN.
FOR CORRUGATED METAL PIPE (CMP) - CONTRACTOR SHALL INSPECT AND CCTV EXISTING PIPE TO DETERMINE PIPE CONDITION. FOR CMP IN GOOD CONDITION, PIPE SHALL BE FILLED WITH CDF AND PIPE ENDS SHALL BE PLUGGED WITH COMMERCIAL CEMENT CONCRETE. FOR ALL EXISTING PIPE IN BAD CONDITION, DISCUSS WITH THE CITY STORMWATER DIVISION FOR FURTHER ACTION. FOR CONCRETE PIPE AND DUCTLE IRON PIPE - CONTRACTOR SHALL FILI PIPE WITH CDF AND BRICK, AND PIPE ENDS SHALL BE PLUGGED WITH CEMENT-BASE GROUT.
$\overline{3}$ connect new pipe to existing catch basin.
4 INSTALL 6" CLEANOUT PER DETAIL ON DWG. NO. DD1.
5 install catch basin type 1 per cok std plan ck–d.07.
$\left< 6 \right>$ INSTALL CATCH BASIN TYPE 2–48" PER COK STD PLAN CK–D.09.
$\langle 7 \rangle$ install solid locking Lid with cok storm drain logo per cok steplan ck-d.18.
8 INSTALL DETENTION VAULT FACILITY PER DETAIL ON DWG. NO. DD1.
9 INSTALL FLOW SPLITTER STRUCTURE PER DETAIL ON DWG. NO. DD2.
TO NOT USED.

(11) REMOVE EXISTING PIPE.

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MATCHLINE

- 12 INSTALL CL. 50 DUCTILE IRON STORM SEWER PIPE 12 IN. DIAM. WITH RESTRAINED MECHANICAL JOINTS.
- $\langle 13 \rangle$  INSIDE OF CATCH BASIN TO BE EPOXY COATED FOR SCOUR PROTECTION.
- $\langle \overline{14} \rangle$  INSTALL PIPE THROUGH WALL PER DETAIL ON DWG. NO. WD1.
- 15 INSTALL PIPE ANCHOR AT EVERY PIPE JOINT PER DETAIL ON DWG. NO. DD1.
- $\langle 16 \rangle$  INSTALL MANHOLE TYPE 3-48" PER WSDOT STD PLAN B-15.60.
- $\overleftarrow{12}$  install solid locking Lid with cok storm drain logo per cok std plan ck-d.184.

#### **GENERAL NOTES:**

- 1. THE OFFSETS OF ALL CATCH BASINS ARE MEASURED TO THE CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.
- ALL EXISTING STORM DRAIN PIPE, EXISTING CATCH BASINS AND STORM MANHOLES SHOWN IN THESE PLANS ARE TO BE PROTECTED, UNLESS OTHERWISE NOTED.
- ALL DRAINAGE STRUCTURES ARE PER COK STANDARD PLANS UNLESS NOTED OTHERWISE.
- 4. WALL UNDERDRAIN INVERTS AND SLOPES ARE APPROXIMATE AND PROFILES ARE NOT SHOWN ON THE PLANS. CONTRACTOR TO ADJUST WALL UNDERDRAIN SLOPES AND INVERTS AS NECESSARY TO AVOID UTILITY CONFLICTS. MINIMUM PIPE SLOPE IS 0.5%. CLEANOUTS SHALL BE SPACED EVERY 100 FEET ALONG THE LENGTH OF THE WALL. CLEANOUTS SHALL BE INSTALLED PER COK STD PLAN CK-D.05B.
- 5. ALL PIPE AND APPURTENANCES SHALL BE LAID ON A PROPERLY PREPARED FOUNDATION IN ACCORDANCE WITH WSDOT SPECIFICATIONS. THIS SHALL INCLUDE LEVELING AND COMPACTING THE TRENCH BOTIOM, THE TOP OF THE FOUNDATION MATERIAL, AND ANY REQUIRED PIPE BEDDING, TO A UNIFORM GRADE SO THAT THE ENTIRE PIPE IS SUPPORTED BY A UNIFORMLY DENSE UNYTELDING BASE.
- 6. SEE SPECIAL PROVISION 7-04.2 FOR STORM SEWER PIPE MATERIALS.
   7. ALL DRAINAGE STRUCTURES, SUCH AS CATCH BASINS, NOT LOCATED WITHIN A TRAVELED ROADWAY OR SIDEWALK, SHALL HAVE SOLID LOCKING LIDS.
   7. ALL DRAINAGE STRUCTURES ASSOCIATED WITH A PERMANENT DETENTION FACILITY SHALL HAVE SOLID LOCKING LIDS.
  - 8. ALL PROPOSED CATCH BASINS SHALL HAVE VANED GRATES PER COK STD PLAN CK-D.15 AND CK-D.16 UNLESS NOTED OTHERWISE.
- EXISTING STORM DRAIN PIPE PROPOSED STORM DRAIN PIPE CATCH BASIN, TYPE 1
  - CATCH BASIN, TYPE 2





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D	NG. NO. DR1
CITY OF KIRKLAND PUBLIC WORKS DEPARTMENT 123 FIFTH AVENUE - KIRKLAND, WA 98033-6189 - (425)587-3800	SHEET
E 85TH ST PED-BIKE CONNECTION	21
DRAINAGE PLAN	100



Jan 21 2025 - 1:59pm	nancy eaton	X-\kirkland cit	v of\Projects\20210013	- ne 85th st ned-bike\CADD\02	plan sheets\20210013 DR dwg	Lavout Name: DR



	ı <u>(</u>	CONSTRUCTION NOTES:
		1) REMOVE EXISTING CATCH BASIN.
	<	2) FOR CORRUGATED METAL PIPE (CMP) – CONTRACTOR SHALL INSPECT AND CCTV EXISTING PIPE TO DETERMINE PIPE CONDITION. FOR CMP IN GOOD CONDITION, PIPE SHALL BE FILLED WITH COF AND PIPE ENDS SHALL BE PLUGGED WITH COMMERCIAL CEMENT CONCRETE. FOR ALL EXISTING PIPE IN BAD CONDITION, DISCUSS WITH THE CITY STORMWATER DIMISION FOR FURTHER ACTION. FOR CONCRETE PIPE AND DUCTLE IRON PIPE – CONTRACTOR SHALL FILL
10.00		PIPE WITH CDF AND BRICK, AND PIPE ENDS SHALL BE PLUGGED WITH CEMENT-BASE GROUT.
19+00		3 CONNECT NEW PIPE TO EXISTING CATCH BASIN.
		4) INSTALL 6" CLEANOUT PER DETAIL ON DWG. NO. DD1.
	DR3	5) INSTALL CATCH BASIN TYPE 1 PER COK SID PLAN CK-D.07.
	- ( 0 /	7 INSTALL CATCH BASIN TIPE 2-48 PER COK STD PLAN CK-D.09.
	ž	PLAN CK-D.18.
		8) INSTALL DETENTION VAULT FACILITY PER DETAIL ON DWG. NO. DD1. 9) INSTALL FLOW SPLITTER STRUCTURE PER DETAIL ON DWG. NO. DD2. 10) NOT USED.
£-\$	s (	
	→ +2C	11) REMOVE EXISTING PIPE.
	<del>6</del> 〈	12) INSTALL CL. 50 DUCTILE IRON STORM SEWER PIPE 12 IN. DIAM. WITH RESTRAINED MECHANICAL JOINTS.
F=========	STA <	13) INSIDE OF CATCH BASIN TO BE EPOXY COATED FOR SCOUR PROTECTION.
	щ <	14) INSTALL PIPE THROUGH WALL PER DETAIL ON DWG. NO. WD1.
		15) INSTALL PIPE ANCHOR AT EVERY PIPE JOINT PER DETAIL ON DWG. NO. DD1.
	ATC <	16) INSTALL MANHOLE TYPE 3-48" PER WSDOT STD PLAN B-15.60.
	≥ ⟨	17) INSTALL SOLID LOCKING LID WITH COK STORM DRAIN LOGO PER COK STD PLAN CK-D.18A.
	(	GENERAL NOTES:
SD (	1	. THE OFFSETS OF ALL CATCH BASINS ARE MEASURED TO THE CENTER OF
/ G/ G/ G	2	2. ALL EXISTING STORM DRAIN PIPE, EXISTING CATCH BASINS AND STORM MANHOLES SHOWN IN THESE PLANS ARE TO BE PROTECTED, UNLESS OTHERWISE NOTED.
	3	3. ALL DRAINAGE STRUCTURES ARE PER COK STANDARD PLANS UNLESS NOTED OTHERWISE.
	2	H. WALL UNDERDRAIN INVERTS AND SLOPES ARE APPROXIMATE AND PROFILES ARE NOT SHOWN ON THE PLANS. CONTRACTOR TO ADJUST WALL UNDERDRAIN SLOPES AND INVERTS AS NECESSARY TO AVOID UTILITY CONFLICTS. MINIMUM PIPE SLOPE IS 0.5%. CLEANOUTS SHALL BE SPACED EVERY 100 FEET ALONG THE LENGTH OF THE WALL. CLEANOUTS SHALL BE INSTALLED PER COK STD PLAN CK-D.05B.
	5	ALL PIPE AND APPURTENANCES SHALL BE LAID ON A PROPERLY PREPARED FOUNDATION IN ACCORDANCE WITH WSDOT SPECIFICATIONS. THIS SHALL INCLUDE LEVELING AND COMPACTING THE TRENCH BOTTOM, THE TOP OF THE FOUNDATION MATERIAL, AND ANY REQUIRED PIPE BEDDING, TO A UNIFORM GRADE SO THAT THE ENTIRE PIPE IS SUPPORTED BY A UNIFORMLY DENSE UNYFEIDING BASE.
	$\mathbb{A}_{\epsilon}$	5. SEE SPECIAL PROVISION 7-04.2 FOR STORM SEWER PIPE MATERIALS.
	-	ALL DRAINAGE STRUCTURES, SUCH AS CATCH BASINS, NOT LOCATED WITHIN A TRAVELED ROADWAY OR SIDEWALK, SHALL HAVE SOLID LOCKING LIDS. ALL DRAINAGE STRUCTURES ASSOCIATED WITH A PERMANENT DETENTION FACILITY SHALL HAVE SOLID LOCKING LIDS.
	8	ALL PROPOSED CATCH BASINS SHALL HAVE VANED GRATES PER COK STD
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D EXISTING STORM DRAIN F	IPE	
PROPOSED STORM DRAIN	PIPE	0 20 40
UD		
CATCH BASIN, TYPE 1		
CATCH BASIN, TYPE 2		
CONCRETE DETENTION VAULT		<b>1" = 5'</b> Vertical scale:
		DWG. NO. DR
SF KIRKI	CIŢ	Y OF KIRKLAND SHEET
NE 85	TH	ST PED-BIKE CONNECTION 22
SHING TO		

DRAINAGE PLAN

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		<u>CC</u>	DNSTRUCTION NOTES:	
		$\langle 1 \rangle$	REMOVE EXISTING CATCH BASIN.	
- la - a -	ELOW	2	FOR CORRUGATED METAL PIPE (CMP) - CONTRACTOR S AND CCTV EXISTING PIPE TO DETERMINE PIPE CONDITIO GOOD CONDITION, PIPE SHALL BE FILLED WITH CDF ANI SHALL BE PLUGGED WITH COMMERCIAL CEMENT CONCRE EXISTING PIPE IN BAD CONDITION, DISCUSS WITH THE C DWISION FOR FURTHER ACTION.	HALL INSPECT N. FOR CMP IN D PIPE ENDS ITE. FOR ALL ITY STORMWATER
80	n 		PIPE WITH CDF AND BRICK, AND PIPE ENDS SHALL BE CEMENT-BASE GROUT.	PLUGGED WITH
		$\langle 3 \rangle$	CONNECT NEW PIPE TO EXISTING CATCH BASIN.	
	LL LL	$\langle 4 \rangle$	INSTALL 6" CLEANOUT PER DETAIL ON DWG. NO. DD1.	
	ົ	$\left< 5 \right>$	INSTALL CATCH BASIN TYPE 1 PER COK STD PLAN CK-	-D.07.
	Ω +	$\langle \overline{7} \rangle$	INSTALL SOLID LOCKING LID WITH COK STORM DRAIN LO	DGO PER COK STD
	24	_ 	PLAN CK-D.18.	
	LINE STA	) ) (1)	INSTALL DLIEUNION VOLT PAGETY FER DETAIL ON DW INSTALL FLOW SPLITTER STRUCTURE PER DETAIL ON DW NOT USED.	G. NO. DD2.
100	ਸੂ (	$\widehat{(11)}$	REMOVE EXISTING PIPE	·····
	Ā	(12)	INSTALL CL. SO DUCTILE IRON STORM SEWER PIPE 12	IN. DIAM. WITH
6-02		(13)	INSIDE OF CATCH BASIN TO BE EPOXY COATED FOR SC	OUR PROTECTION.
		$\langle 14 \rangle$	INSTALL PIPE THROUGH WALL PER DETAIL ON DWG. NO.	WD1.
		$\overline{15}$	INSTALL PIPE ANCHOR AT EVERY PIPE JOINT PER DETAI DD1.	L ON DWG. NO.
		(16)	INSTALL MANHOLE TYPE 3-48" PER WSDOT STD PLAN	B-15.60.
		(17)	INSTALL SOLID LOCKING LID WITH COK STORM DRAIN LO PLAN CK-D.18A.	DGO PER COK STD
		<u>G</u>	NERAL NOTES:	
		1.	THE OFFSETS OF ALL CATCH BASINS ARE MEASURED TO STRUCTURE, UNLESS OTHERWISE NOTED.	THE CENTER OF
		2.	ALL EXISTING STORM DRAIN PIPE, EXISTING CATCH BASIN WANHOLES SHOWN IN THESE PLANS ARE TO BE PROTEC DTHERWISE NOTED.	S AND STORM FED, UNLESS
		3.	ALL DRAINAGE STRUCTURES ARE PER COK STANDARD PL	ANS UNLESS NOTED
		4.	WALL UNDERDRAIN INVERTS AND SLOPES ARE APPROXIMA ARE NOT SHOWN ON THE PLANS. CONTRACTOR TO ADJUS	TE AND PROFILES ST WALL UNDERDRAIN
			SLOPES AND INVERTS AS NECESSARY TO AVOID UTILITY ( PIPE SLOPE IS 0.5%, CLEANOUTS SHALL BE SPACED EVE THE LENGTH OF THE WALL. CLEANOUTS SHALL BE INSTAI PLAN CK-D.05B.	CONFLICTS. MINIMUM RY 100 FEET ALONG LLED PER COK STD
		5.	ALL PIPE AND APPURTENANCES SHALL BE LAID ON A PF FOUNDATION IN ACCORDANCE WITH WSDOT SPECIFICATION: NCLUDE LEVELING AND COMPACTING THE TRENCH BOTTO FOUNDATION MATERIAL, AND ANY REQUIRED PIPE BEDDING GRADE SO THAT THE ENTIRE PIPE IS SUPPORTED BY A I JNYIELDING BASE.	OPERLY PREPARED S. THIS SHALL M, THE TOP OF THE G, TO A UNIFORM UNIFORMLY DENSE
	2	6.	SEE SPECIAL PROVISION 7-04.2 FOR STORM SEWER PIP	E MATERIALS.
		7.	ALL DRAINAGE STRUCTURES, SUCH AS CATCH BASINS, NO TRAVELED ROADWAY OR SIDEWALK, SHALL HAVE SOLID LO DRAINAGE STRUCTURES ASSOCIATED WITH A PERMANENT I SHALL HAVE SOLID LOCKING LIDS.	DT LOCATED WITHIN A DCKING LIDS. ALL DETENTION FACILITY
		8.	ALL PROPOSED CATCH BASINS SHALL HAVE VANED GRATE PLAN CK-D.15 AND CK-D.16 UNLESS NOTED OTHERWISE	ES PER COK STD
G STORM DR	AIN F	IPE		
ED STORM D	ORAIN	PIPE	0	20 40
PIPE				1" = 20'
BASIN, TYPE	1			UNTAL SCALE:
BASIN, TYPE	2			5 10
TE DETENTIO	N		VER	1" = 5' Tical Scale:
			D١	NG. NO. DR3
123 FIFTH		-Υ νυβι	OF KIRKLAND lic works department - kirkland, wa 98033-6189 - (425)587-3800	SHEET
E 85T	Н	S	PED-BIKE CONNECTION	23
	Γ	)R	AINAGE PLAN	100





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	LUMINAIRE SCHEDULE												
LUMINAIRE #				OUTLET	FIXTURE TYPE	POLE TYPE	MOUNTING ARM TYPE		MOUNTING	FOUNDATION	COMMENTS	CIRCUIT	DESCRIPTIC
<i>"</i>	STATION	UFFSET	0110011	01		LUMEC		0' 7"	17' 0.5"			EX SIGNAL	EXISTING SIGN
PI-I	10+84	42 RI	PT	01	LUMEC CANDI-65W42LED3K-G2-PC-C-RLE5-240-RCD7-GN8	APR4-W-12-GFI-PS-LBC2-GN8	LUMEC CNT-TA-GN8	2-3	13 - 2.5	4 -0		EX_STREET	EXISTING STRE
P1-2	11+39	26' RT	P1	03	LUMEC CAND1-65W42LED3K-G2-PC-C-RLE5-240-RCD7-GN8	LUMEC	LUMEC CN1-1A-GN8	2'-3"	13'-2.5"	4'-0"		LIGHT	LIGHTS
						APR4-W-12-GFI-PS-LBC2-GN8						IR1	IRRIGATION
P1-3	12+17	26' RT	P1	01	LUMEC CAND1-65W42LED3K-G2-PC-C-RLE5-240-RCD7-GN8	APR4-W-12-GFI-PS-LBC2-GN8	LUMEC CN1-1A-GN8	2'-3"	13'-2.5"	4'-0"			CONTROLLER
P1-4	12+80	26' RT	P1	03	LUMEC_CAND1-65W42LED3K-G2-PC-C-RLE5-240-RCD7-GN8	LUMEC	LUMEC CN1-1A-GN8	2'-3"	13'-25"	4'-0"		P1	LIGHTING 1
	12100	20 111				APR4-W-12-GFI-PS-LBC2-GN8		2 5	10 2.0	+ 0		D0	PEDESTRIAN
P1-5	13+59	26' RT	P1	01	LUMEC CAND1-65W42LED3K-G2-PC-C-RLE5-240-RCD7-GN8	LUMEC	LUMEC CN1-1A-GN8	2'-3"	13'-2.5"	4'-0"		P2	LIGHTING 2
						APR4-W-12-GFI-PS-LBC2-GN8						P1	ROADWAY
R1-1	14+10	25' RT	R1	N/A	130W LED AEL-BRAND COBRA-HEAD, TYPE III DISTRIBUTION,	WSDOT J-3512-W	A15LT3721	12'-0"	35'-0"/1	4'-6"		IX I	LIGHTING 1
				,	JK COLOR TEMPERATURE, MEDIUM-CUTOFF							01	OUTLET 1
P1-6	14+38	26' RT	P1	03	LUMEC CAND1-65W42LED3K-G2-PC-C-RLE5-240-RCD7-GN8	LUMEC	LUMEC CN1-1A-GN8	2'-3"	13'-2.5"	4'-0"		07	
						APR4-W-12-GFI-PS-LBC2-GN8						03	UUILEI 3

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH 2024 WSDOT STANDARD PLANS & SPECIFICATIONS AND THE LATEST AMENDMENTS, APWA STANDARDS, DESIGN AND CONSTRUCTION STANDARDS, EXCEPT AS MODIFIED BY CONTRACT PLANS AND SPECIAL PROVISIONS.
- ALL CONDUIT CONTAINING COPPER CONDUCTORS SHALL INCLUDE 1-#8 GROUND WIRE (MIN. SIZE UNLESS SPECIFIED IN WIRE SCHEDULE). ALL CONDUIT SHALL CONTAIN A PULL STRING LABELED.
- 3. ALL TYPE 1 AND 2 JUNCTION BOXES SHALL BE PER WSDOT STD PLAN  $_{\rm J}-40.10.$
- 4. JUNCTION BOXES SHALL BE KEPT OUT OF THE SIDEWALK UNLESS APPROVED BY THE ENGINEER OR INSTRUCTED ON THE PLANS. JUNCTION BOXES SHALL HAVE SLIP-RESISTANT LIDS PER CITY OF KIRKLAND PRE-APPROVED PLANS POLICY G-2.

 NUMBER OF CONDUIT BENDS BETWEEN PULL POINTS SHALL NOT BE MORE THAN THE EQUIVALENT OF FOUR QUARTER BENDS (360 DEGREE TOTAL). IF NUMBER OF BENDS EXCEEDS 360 DEGREES, THE CONTRACTOR SHALL INSTALL ADDITIONAL JUNCTION BOXES AS REQUIRED.

- 6. JUNCTION BOXES SHALL BE PLACED A MAXIMUM OF 3' AWAY FROM LIGHT POLE WITH HAND HOLE FACING J-BOX PER CITY OF KIRKLAND STD. PLAN NO. CK-R.47B.
- 7. SEE DWG. NO. SP1-SP5 FOR ILLUMINATION POLE REMOVAL
- 8. ROADWAY LIGHT LEVELS SHALL BE MAINTAINED THROUGHOUT THE PROJECT. REMOVAL OF ROADWAY LUMINAIRES REQUIRE THE PERMISSION OF THE ENGINEER AND REPLACEMENT WITH PERMANENT OR TEMPORARY LUMINAIRES PROVIDING ACCEPTABLE EQUIVALENT OR BETTER LIGHT LEVELS.

ILLUMINATION AND FIBER OPTIC WIRING SCHEDULE												
A	CONDUIT	CONDUCTORS	BARE GROUND	CIRCUIT	NOTES							
1	EXST	6-#8, 6-#4	1-#8	IR1, P1, P2, R1, 01, 03								
2	3" SCH 40 PVC	4-#8, 6-#4	1-#8	P1, P2, R1, O1, O3								
3	2" SCH 40 PVC	2-#8, 2-#4	1-#8	P1, 01								
4	2" SCH 40 PVC	2-#8	1-#8	R1								
5	2" SCH 40 PVC	2-#8, 2-#4	1-#8	P1, 03								
15	(2) 4" SCH 40 PVC				FUTURE FIBER OPTIC							
16	2" SCH 40 PVC	2-#8	1-#8	IR1								

![](_page_15_Figure_12.jpeg)

		LIGHT	L	IGHTS	
-		IR1	IRR CON	IGATION TROLLER	
-		P1	PED LIGI	ESTRIAN HTING 1	
-		P2	PED LIGH	ESTRIAN HTING 2	
_		R1	R0 LIGI	ADWAY HTING 1	
_		01	00	TLET 1	
		03	00	TLET 3	
ILLU	Μ	INATION	AND	FIBER	(
шт		CONDUCT		BARE	

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DWG. NO. IL1 OF KIRKLAND CI SHEET PUBLIC WORKS DEPARTMENT 123 FIFTH AVENU - (425)587-3800 NE 85TH ST PED-BIKE CONNECTION 77  $\cup$ UMINATION PLAN

![](_page_16_Figure_0.jpeg)

LUMINAIRE	LOCATION		LUMINAIRE	OUTLET		POLE TYPE		LUMINAIRE	MOUNTING	FOUNDATION	COMMENTS
#	STATION	OFFSET	CIRCUIT	CIRCUIT	FIXTORE TIPE	FOLE TIFE	MOUTING ARM TIFE	ARM	HEIGHT	DEPTH	COMMENTS
P1-7	15+16	26' RT	P1	01	LUMEC CAND1-65W42LED3K-G2-PC-C-RLE5-240-RCD7-GN8	LUMEC APR4-W-12-GFI-PS-LBC2-GN8	LUMEC CN1-1A-GN8	2'-3"	13'-2.5"	4'-0"	
P1-8	15+94	26' RT	P1	03	LUMEC CAND1-65W42LED3K-G2-PC-C-RLE5-240-RCD7-GN8	LUMEC APR4-W-12-GFI-PS-LBC2-GN8	LUMEC CN1-1A-GN8	2'-3"	13'-2.5"	4'-0"	
P1-9	16+72	26' RT	P1	01	LUMEC CAND1-65W42LED3K-G2-PC-C-RLE5-240-RCD7-GN8	LUMEC APR4-W-12-GFI-PS-LBC2-GN8	LUMEC CN1-1A-GN8	2'-3"	13'-2.5"	4'-0"	
P1-10	17+51	26' RT	P1	03	LUMEC CAND1-65W42LED3K-G2-PC-C-RLE5-240-RCD7-GN8	LUMEC APR4-W-12-GFI-PS-LBC2-GN8	LUMEC CN1-1A-GN8	2'-3"	13'-2.5"	4'-0"	
R1-2	17+79	25' RT	R1	N/A	130W LED AEL-BRAND COBRA-HEAD, TYPE III DISTRIBUTION, 3K COLOR TEMPERATURE	WSDOT J-3512-W	A15LT3721	12'-0"	35'-0"	4'-6"	
P1-11	18+29	26' RT	P1	01	LUMEC CAND1-65W42LED3K-G2-PC-C-RLE5-240-RCD7-GN8	LUMEC APR4-W-12-GFI-PS-LBC2-GN8	LUMEC CN1-1A-GN8	2'-3"	13'-2.5"	4'-0"	
P1-12	19+07	26' RT	P1	03	LUMEC CAND1-65W42LED3K-G2-PC-C-RLE5-240-RCD7-GN8	LUMEC APR4-W-12-GEI-PS-LBC2-GN8	LUMEC CN1-1A-GN8	2'-3"	13'-2.5"	4'-0"	

$\mathbb{P}$	PERTEET
	2707 COLBY AVENUE, SUITE 900 EVERETT, WA 98201 425.252.7700   800.615.9900

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ALCONSTRUCTION

	ILLUMI	NATION AND	FIBER OF	PTIC WIRING SC	21
<u> </u>	CONDUIT	CONDUCTORS	BARE GROUND	CIRCUIT	
2	2" SCH 40 PVC	4-#8, 6-#4	1-#8	P1, P2, R1, 01, 03	
3	2" SCH 40 PVC	2-#8, 2-#4	1-#8	P1, 01	
4	2" SCH 40 PVC	2-#8	1-#8	R1	
5	2" SCH 40 PVC	2-#8, 2-#4	1-#8	P1, 03	
15	(2) 4" SCH 40 PVC				

![](_page_16_Figure_15.jpeg)

![](_page_17_Figure_0.jpeg)

LUMINAIRE #	LUMINAIRE LOCATION LUMINAIRE OUTLET		OUTLET	FIXTURE TYPE	POLE TYPE	MOUNTING ARM TYPE		MOUNTING HEIGHT	FOUNDATION DEPTH	COMMENTS	
и	SIAHON	ULISEL									
P1-13	19+85	26' RT	P1	01	LUMEC CAND1-65W42LED3K-G2-PC-C-RLE5-240-RCD7-GN8	LUMEC APR4-W-12-GFI-PS-LBC2-GN8	LUMEC CN1-1A-GN8	2'-3"	13'-2.5"	4'-0"	
P1-14	20+63	26' RT	P1	03	LUMEC CAND1-65W42LED3K-G2-PC-C-RLE5-240-RCD7-GN8	LUMEC APR4-W-12-GFI-PS-LBC2-GN8	LUMEC CN1-1A-GN8	2'-3"	13'-2.5"	4'-0"	
P2-12	21+41	26' RT	P2	04	LUMEC CAND1-65W42LED3K-G2-PC-C-RLE5-240-RCD7-GN8	LUMEC APR4-W-12-GFI-PS-LBC2-GN8	LUMEC CN1-1A-GN8	2'-3"	13'-2.5"	4'-0"	
P2-11	22+19	26' RT	P2	02	LUMEC CAND1-65W42LED3K-G2-PC-C-RLE5-240-RCD7-GN8	LUMEC APR4-W-12-GFI-PS-LBC2-GN8	LUMEC CN1-1A-GN8	2'-3"	13'-2.5"	4'-0"	
P2-10	22+98	26' RT	P2	04	LUMEC CAND1-65W42LED3K-G2-PC-C-RLE5-240-RCD7-GN8	LUMEC APR4-W-12-GFI-PS-LBC2-GN8	LUMEC CN1-1A-GN8	2'-3"	13'-2.5"	4'-0"	
P2-9	23+77	26' RT	P2	02	LUMEC CAND1-65W42LED3K-G2-PC-C-RLE5-240-RCD7-GN8	LUMEC APR4-W-12-GFI-PS-LBC2-GN8	LUMEC CN1-1A-GN8	2'-3"	13'-2.5"	4'-0"	

	ILLUMIN	IATION AND	FIBER OP	tic wiri
<u>/</u> #	CONDUIT	CONDUCTORS	BARE GROUND	CIRCU
2	2" SCH 40 PVC	4-#8, 6-#4	1-#8	P1, P2, R1,
3	2" SCH 40 PVC	2-#8, 2-#4	1-#8	P1, 0
4	2" SCH 40 PVC	2-#8	1-#8	R1
5	2" SCH 40 PVC	2-#8, 2-#4	1-#8	P1, 0
6	2" SCH 40 PVC	4-#8, 2-#4	1-#8	P1, R1,
7	2" SCH 40 PVC	2-#8, 6-#4	1-#8	P2, R1, O
8	2" SCH 40 PVC	4-#4	1-#8	P2, 0
9	2" SCH 40 PVC	4-#4	1-#8	P2, 0
13	2" SCH 40 PVC	2-#8, 4-#4	1-#8	P2, R1,
15	(2) 4" SCH 40 PVC			

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LUMINAIRE SCHEDULE											
				OUTLET	FIXTURE TYPE	POLE TYPE	MOUNTING ARM TYPE		MOUNTING	FOUNDATION	COMMENTS
#	STATION	OFFSET		CIRCUIT						DEPIN	
P2-8	24+55	26' RT	P2	04	LUMEC CAND1-65W42LED3K-G2-PC-C-RLE5-240-RCD7-GN8	LUMEC APR4-W-12-GFI-PS-LBC2-GN8	LUMEC CN1-1A-GN8	2'-3"	13'-2.5"	4'-0"	
P2-7	25+33	26'RT	P2	02	LUMEC CAND1-65W42LED3K-G2-PC-C-RLE5-240-RCD7-GN8	LUMEC APR4-W-12-GFI-PS-LBC2-GN8	LUMEC CN1-1A-GN8	2'-3"	13'-2.5"	4'-0"	
P2-6	26+13	32'RT	P2	04	LUMEC CAND1-65W42LED3K-G2-PC-C-RLE5-240-RCD7-GN8	LUMEC APR4-W-12-GFI-PS-LBC2-GN8	LUMEC CN1-1A-GN8	2'-3"	13'-2.5"	4'-0"	
P2-5	26+91	31'RT	P2	02	LUMEC CAND1-65W42LED3K-G2-PC-C-RLE5-240-RCD7-GN8	LUMEC APR4-U-10-GFI-PS-LBC2-GN8	LUMEC CN1-1A-GN8	2'-3"	12'-7.5"	N/A	SEE STRUCTURAL PLANS FOR FOUNDATION AT BRIDGE
P2-4	27+71	31'RT	P2	04	LUMEC CAND1-65W42LED3K-G2-PC-C-RLE5-240-RCD7-GN8	LUMEC APR4-U-10-GFI-PS-LBC2-GN8	LUMEC CN1-1A-GN8	2'-3"	12'-7.5"	N/A	SEE STRUCTURAL PLANS FOR FOUNDATION AT BRIDGE
P2-3	28+47	33' RT	P2	02	LUMEC CAND1-65W42LED3K-G2-PC-C-RLE5-240-RCD7-GN8	LUMEC APR4-W-12-GFI-PS-LBC2-GN8	LUMEC CN1-1A-GN8	2'-3"	13'-2.5"	4'-0"	
P2-2	29+30	32'RT	P2	04	LUMEC CAND1-65W42LED3K-G2-PC-C-RLE5-240-RCD7-GN8	LUMEC APR4-W-12-GFI-PS-LBC2-GN8	LUMEC CN1-1A-GN8	2'-3"	13'-2.5"	4'-0"	

#### **GENERAL NOTES:**

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH 2024 WSDOT STANDARD PLANS & SPECIFICATIONS AND THE LATEST AMENDMENTS, APWA STANDARDS, DESIGN AND CONSTRUCTION STANDARDS, EXCEPT AS MODIFIED BY CONTRACT PLANS AND SPECIAL PROVISIONS.
- ALL CONDUIT CONTAINING COPPER CONDUCTORS SHALL INCLUDE 1-#8 GROUND WIRE (MIN. SIZE UNLESS SPECIFIED IN WIRE SCHEDULE). ALL CONDUIT SHALL CONTAIN A PULL STRING LABELED.
- 3. ALL TYPE 1 AND 2 JUNCTION BOXES SHALL BE PER WSDOT STD PLAN  $J\!-\!40.10.$
- 4. JUNCTION BOXES SHALL BE KEPT OUT OF THE SIDEWALK UNLESS APPROVED BY THE ENGINEER OR INSTRUCTED ON THE PLANS. JUNCTION BOXES SHALL HAVE SLIP-RESISTANT LIDS PER CITY OF KIRKLAND PRE-APPROVED PLANS POLICY G-2.
- NUMBER OF CONDUIT BENDS BETWEEN PULL POINTS SHALL NOT BE MORE THAN THE EQUIVALENT OF FOUR QUARTER BENDS (360 DEGREE TOTAL). IF NUMBER OF BENDS EXCEEDS 360 DEGREES, THE CONTRACTOR SHALL INSTALL ADDITIONAL JUNCTION BOXES AS REQUIRED.
- JUNCTION BOXES SHALL BE PLACED A MAXIMUM OF 3' AWAY FROM LIGHT POLE WITH HAND HOLE FACING J-BOX PER CITY OF KIRKLAND STD. PLAN NO. CK-R.47B.
- 7. SEE DWG. NO. SP1-SP5 FOR ILLUMINATION POLE REMOVAL.
- ROADWAY LIGHT LEVELS SHALL BE MAINTAINED THROUGHOUT THE PROJECT. REMOVAL OF ROADWAY LUMINAIRES REQUIRE THE PERMISSION OF THE ENGINEER AND REPLACEMENT WITH PERMANENT OR TEMPORARY LUMINAIRES PROVIDING ACCEPTABLE EQUIVALENT OR BETTER LIGHT LEVELS.

	ILL	UMINATION A	ND FIBEF	R OPTIC WIR	RIN
	CONDUIT	CONDUCTORS	BARE GROUND	CIRCUIT	
7	2" SCH 40 PVC	2-#8, 6-#4	1-#8	P2, R1, O2, O4	
8	2" SCH 40 PVC	4-#4	1-#8	P2, 02	S
9	2" SCH 40 PVC	4-#4	1-#8	P2, 04	S
14	2" SCH 40 PVC	2-#8, 6-#4	1-#8	P2, R1, O2, O4	s
15	(2) 4" SCH 40 PVC				AT

![](_page_18_Picture_12.jpeg)

![](_page_18_Picture_13.jpeg)

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![](_page_19_Figure_0.jpeg)

	LUMINAIRE SCHEDULE												
LUMINAIRE #	LOCA	TION OFFSET	LUMINAIRE CIRCUIT	OUTLET CIRCUIT	FIXTURE TYPE	POLE TYPE	MOUNTING ARM TYPE	LUMINAIRE ARM	MOUNTING HEIGHT	FOUNDATION DEPTH	COMMENTS		
P2-1	30+09	31' RT	P2	02	LUMEC CAND1-65W42LED3K-G2-PC-C-RLE5-240-RCD7-GN8	LUMEC APR4-W-12-GFI-PS-LBC2-GN8	LUMEC CN1-1A-GN8	2'-3"	13'-2.5"	4'-0"		-	7
R1-3	30+29	30'RT	R1	N/A	ERL2-18C330 - TYPE III - MC - 140W LED	COK CK-TS.08	1	12'-0"	35'-0"	5'-6"	FIXED BASE	1	8
												- 1	10

#### **GENERAL NOTES:**

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- POLICY G-2.
- NUMBER OF CONDUIT BENDS BETWEEN PULL POINTS SHALL NOT BE MORE THAN THE EQUIVALENT OF FOUR QUARTER BENDS (360 DEGREE TOTAL). IF NUMBER OF BENDS EXCEEDS 360 DEGREES, THE CONTRACTOR SHALL INSTALL ADDITIONAL UNITION POWER AS DEGUMENT. JUNCTION BOXES AS REQUIRED. ADDITIONAL

	BREAKER SCHEDULE										
CIRCUIT	DESCRIPTION	LOADING (KVA)	LOADING AMPS								
EX SIGNAL	EXISTING SIGNAL	20A	30A	120V	0.7KVA	5.9A					
EX STREET LIGHT	EXISTING STREET LIGHTS	20A	30A	240V	0.7KVA	3.0A					
02	OUTLET 2	20A	30A	120V	1.3KVA	10.8A					
04	OUTLET 4	20A	30A	120V	1.3KVA	10.8A					
SPARE		20A	30A								

![](_page_19_Picture_12.jpeg)

![](_page_19_Figure_13.jpeg)

ILLUMINATION AND FIBER OPTIC WIRING SCHEDULE									
CONDUIT	CONDUCTORS	BARE GROUND	CIRCUIT	NOTES					
2" SCH 40 PVC	2-#8, 6-#4	1-#8	P2, R1, O2, O4						
2" SCH 40 PVC	4-#4	1-#8	P2, 02						
2" SCH 40 PVC	4-#4	1-#8	02, 04						
EXST	4-#4	1-#8	02, 04						
2" SCH 40 PVC	2-#8, 4-#4	1-#8	R1, 02, 04						
2) 4" SCH 40 PVC				FUTURE FIBER OPTIC					

(2) 4" SCH 40

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15

(L) LOOP SCHEDULE											
			TYF	Έ		CTOR				MEASUR HANDH	ED AT IOLE
LOOP NO.	#DIA.	DIPOLE	QUADRAPOLE	STANDARD	PREFORMED	BICYCLE DETE	PHASE	CHANNEL	NO. TURNS	INDUCTANCE (Juh)	RESISTANCE (0)
S61	6	Х	(		Х	>	6		3		
S62	6	Х	5		Х	$\rangle$	6		3		
	$\square$										

		PUSH B	UTTON SCHEDUL	_E
PPB NUMBER	ARROW DIRECTION	SIGN	SPECIAL VOICE MESSAGE	NOTES
1	RIGHT	R10-3E(R)		PUSH BUTTON SHALL FACE EAST, PARALLEL TO CROSSWALK

![](_page_20_Figure_2.jpeg)

![](_page_20_Figure_3.jpeg)

#### NOTES:

- 1 FIELD INSTALLED
- 2 PEDESTRIAN PUSH BUTTONS SHALL BE A VERTICAL DISTANCE OF 3'-6" FROM LANDING FINISHED GRADE TO CENTER OF BUTTON.

#### NOTES

- poles weighing more than 1000 lbs.
- the depth of the Media Filter Drain.
- METHOD 2 on Sheet 2 of 2.
- to ASTM F2329.

![](_page_21_Figure_14.jpeg)

![](_page_21_Figure_15.jpeg)

1. See Standard Plan J-28.40 for Luminaire Pole base mounting details.

2. The Strap Templates shall be held in place by nuts, 6" (in) from the top of the foundation and 3" (in) from the bottom of the anchor bolts. Eighteen heavy duty hex nuts and six round washers are required for a slip base assembly. Eighteen heavy duty hex nuts and six plate washers are required for a fixed base assembly.

3. Use Steel Light Standard Foundation Type A on level ground or slopes not exceeding 4H: 1V. Use Type B for slopes steeper than 4H: 1V, but not exceeding 2H: 1V. Slopes steeper than 2H : 1V shall require a special design.

4. These foundations are designed for a minimum of 2000 PSF (TYPE A) or 1500 PSF (TYPE B) allowable lateral bearing pressure for the soil. A special foundation shall be required for soil with allowable lateral bearing pressure lower than 1500 PSF.

5. The Luminaire Pole height shall not exceed 50' (ft) (H1).

6. Slip bases shall not be installed on 50' (ft) (H1) poles with Double Mast Arms, nor on

7. Slip bases are required on poles installed inside the Design Clear Zone, and on poles installed behind traffic barrier that are within the traffic barrier deflection zone.

8. Foundations constructed within Media Filter Drains shall be increased in depth by

9. Exposed portions of the foundation shall be formed to create a Class 2 surface finish. All forming shall be removed upon completion of foundation construction.

10. For excavation, concrete placement, and backfill options, see METHOD 1 and

11. The anchor bolts shall be high-strength steel, manufactured from ASTM F1554 Grade 105, with heavy hex nuts and hardened washers. Galvanize the anchor bolts according

12. The foundation shall be grounded in accordance with the requirements of Standard Specification Section 8-20.3(4).

13. See Standard Plans C-8b and C-85.14 for steel light standards on traffic barrier.

![](_page_21_Picture_31.jpeg)

**STEEL LIGHT STANDARD FOUNDATION TYPES A & B** 

STANDARD PLAN J-28.30-04

SHEET 1 OF 2 SHEETS

APPROVED FOR PUBLICATION

STATE DESIGN ENGINEER

Jun 18, 2024

![](_page_21_Picture_37.jpeg)

Mark a Hoines

Vashington State Department of Transportation

![](_page_22_Figure_0.jpeg)

#### (CASE A SHOWN)

#### **METHOD 2**

#### METAL (SUBSURFACE) FORM REQUIRED

When the existing soil will not retain a vertical face, over-excavate the foundation area and install a 36" (in) diameter corrugated metal (pipe) form. The corrugated metal form shall not extend more than 5" (in) +/- 1" (in) below any portion of the foundation that will remain exposed upon final grading. Continue forming to full height using a paper or cardboard form to achieve a smooth finish on final exposed cement concrete. Support the form as necessary to remain plumb.

See Standard Plans J-28.24 and J-28.26 for maximum heights of exposed foundation when no embankment widening is to be installed.

Place the concrete foundation.

After concrete has cured, remove the paper or cardboard form portion.

Backfill with controlled-density fill or compacted borrow in accordance with Standard Specification Section 8-20.3(2).

Construct the embankment widening (if required).

**CONSTRUCTION METHODS** 

(CASE A SHOWN)

#### METHOD 1

#### **NO SUBSURFACE FORM**

This option is used only when the existing soil in the hole will remain standing and the cement concrete can be placed without causing the soil to collapse. Concrete shall be cast directly against undisturbed soil.

Auger the hole for the foundation. Use a paper or cardboard form to achieve a smooth finish on the final exposed cement concrete. Support the form as necessary to remain plumb.

See Standard Plans J-28.24 and J-28.26 for maximum heights of exposed foundation when no embankment widening is to be installed.

Place the concrete foundation.

After concrete has cured, remove the paper or cardboard form portion.

Construct the embankment widening (if required).

#### NOTE

These foundation Construction Methods are applicable to all Steel Light Standard Placement Cases. See Standard Plans

![](_page_22_Picture_25.jpeg)

## **STEEL LIGHT STANDARD FOUNDATION TYPES A & B**

STANDARD PLAN J-28.30-04

SHEET 2 OF 2 SHEETS

APPROVED FOR PUBLICATION

Jun 18, 2024

![](_page_22_Picture_31.jpeg)

Mark a Daines

STATE DESIGN ENGINEER Washington State Department of Transportation

![](_page_23_Figure_1.jpeg)

CLAMPING BOLT TABLE

1. 50' (ft) (H1) poles with double mast arms or poles weighing in excess of

NOTES

1 The Contractor shall be responsible for any breakage of utilities or services resulting from 2 its operations and shall hold the City and its agents harmless from any claims resulting from 3 disruption of, or damage to, same.

#### 4 **Other Notifications**

- 5 <u>Service Area Turn Off</u>: All service area turn off notices must be distributed to affected parties 6 two working days in advance of any scheduled shut off. City to provide door hangers and 7 affected service area map. The contractor shall fill in all required information prior to hanging 8 door hanger.
- 9 <u>Entry onto Private Property</u>: Each property owner shall be given two working days advance
   10 Written Notice prior to entry by the Contractor.
- Loop Detection Systems: Where an excavation is to take place through a signal loop
   detector system, the Contractor shall provide at least five (5) Working Days advance notice
   to the City Signal Shop at (425) 587-3920 to coordinate temporary signal wire disconnect
   and installation of temporary signal detection equipment.
- Survey Monuments: When proposed pavement removal is close to existing survey
   monumentation, or proposed pavement removal includes existing survey monumentation,
   the Contractor shall provide a minimum 4 Working Days advance notice to the Engineer to
   allow survey crews to tie the monument out and reset the monument after pavement
   installation.

#### 21 King County Wastewater Treatment Division

The Contractor shall contact King County Wastewater Treatment Division LPA at LPA.Team@Kingcounty.gov and (206) 477-5414 a minimum of five (5) working days in advance of the pre-construction construction conference for this project, and a minimum of five (5) working days in advance of construction within 50 feet of the King County Wastewater/Metro sewer line. A King County monitor shall be on site at all times while construction is taking place over or within 50 feet of the sewer line.

- The Contractor shall survey and document existing top of pipe elevation through potholing, and complete settlement monitoring for the King County Wastewater Treatment Division 78-inch sewer where crossing the project site prior to the start of any construction within 50 feet of the sewer pipe. <u>Three (3) points on the sewer</u> pipe shall be monitored for settlement. The point locations shall be proposed by the Contractor and submitted to the Engineer for approval.
- 36 37

38

39

45

20

The Contractor shall document the locations of survey points and as-found elevations for a comparative post-construction survey.

40 Upon completion of the pier installation and pedestrian bridge placement, the 41 Contractor shall collect elevation data and verify that settlement of the pipe has 42 not exceeded 0.25 inches. If elevations exceed this threshold, the Contractor shall 43 coordinate a post-construction CCTV inspection of the subject section of sewer 44 pipe to assess disturbance of joints and/or damage to the pipe.

- 1 2
- Extruded Curb shall be constructed in accordance with City of Kirkland Pre-Approved Plan CK-R.19.
- 3 4 5
- 5 6 7

8

12

15

Type 410C Cement Conc. Curb shall be constructed in accordance with the details shown in the Plans.

## 8-04.5 Payment

9 Section 8-04.5 is supplemented with the following:

#### 10 11 (\*\*\*\*\*)

- "Cement Conc. Curb and Gutter", per linear foot.
- 13 "Extruded Curb", per linear foot.
- 14 "Type 410C Cement Conc. Curb", per linear foot.

## 16 8-12 CHAIN LINK FENCE AND WIRE FENCE

## 18 8-12.3 Construction Requirements

- 19 Section 8-12.3 is supplemented with the following: 20
  - (\*\*\*\*\*\*)

Chain link sidewalk safety rail shall be constructed at locations shown in the Plans in accordance with City of Kirkland Pre-Approved Plan No. CK-R.51A. The panel height shall be 4 feet high.

24 25

30

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32

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21

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23

## 26 8-12.4 Measurement

27 Section 8-12.4 is supplemented with the following:

28 29 (\*\*\*\*\*)

Chain link sidewalk safety rail will be measured by the linear foot of completed rail, along the ground line.

## 33 8-12.35 Payment

34 Section  $\overline{8}$ -12.3 $\underline{5}$  is supplemented with the following: 35

#### (\*\*\*\*\*)

37 "Chain Link Sidewalk Safety Rail", per linear foot.38

The unit Contract price per linear foot for "Chain Link Sidewalk Safety Rail" shall be full payment for all costs for the specified Work including shop drawings, <u>steel sleeves, rebar</u>, <u>non-shrink grout</u>, powder coating, cutting, haul, welding, furnishing materials and installation on the walls.

43

## 44 8-14 CEMENT CONCRETE SIDEWALKS 45

## 46 **8-14.1 Description**

- 47 Section 8-14.1 is replaced with the following:
- 48
- 49 (\*\*\*\*\*)

![](_page_26_Picture_0.jpeg)

## CITY OF KIRKLAND GENERAL TABLE OF CONTENTS

Invitation to Bid	(Tan)
General Information, Proposal & Contract	(White)
Special Provisions	(Blue)
Prevailing Wage Rates	(Yellow)
Appendices	(White)
Appendix A: Pre-Approved Plans and Standard Details	
Appendix B: Permits	
Appendix C: Geotechnical Report	
Appendix D: Stormwater TIR	
Appendix E: Critical Areas Report	
Appendix F: Arborist Report	
Appendix G: Cultural Resource Report and Inadvertent Discovery P	lan
Appendix H: Pothole Logs	
Appendix I: Design Cross Sections	

![](_page_26_Picture_3.jpeg)

# APPENDIX I: DESIGN CROSS SECTIONS

CL NE 85TH STREET - STAMPED CONCRETE/LANDSCAPING - PATH

11+00

REFER TO PLANS FOR CONCRETE SECTIONS OF PAVEMENT

![](_page_28_Figure_1.jpeg)

![](_page_28_Figure_2.jpeg)

![](_page_28_Figure_3.jpeg)

![](_page_28_Figure_4.jpeg)

HORIZONTAL SCALE

- FACE OF WALL

- EXISTING GROUND

![](_page_28_Picture_6.jpeg)

60

-50

-40

-30

-20

-10

![](_page_29_Figure_0.jpeg)

![](_page_29_Figure_1.jpeg)

120<sub>1</sub> 120 120<sub>1</sub> - STAMPED CONCRETE/LANDSCAPING NE 85TH STREET GL NE 85TH STREET - PATH 110 110 110 - FACE OF WALL 100 100 100 - EXISTING GROUND 90 90 90 80 80 80 70 -60 870 70 -60 -50 50 -50 -40 -30 -20 -10 0 20 40 60 70 -40 -30 -20 -10 0 13+50 10 30 13+00 120 120 120 STAMPED CONCRETE/LANDSCAPING CL NE 85TH STREET CL NE 85TH STREET 110 110 110 - PATH 100 100 100 FACE OF WALL EXISTING GROUND 90 90 90 80 80 80 -270 70 60 70 -60 -50 -40 -30 50 -50 -40 -30 -20 -10 10 20 30 40 60 70 -20 -10 0 0 12+75 13+25  $\mathcal{P}$ CITY OF KIRKLAND PERTEET VERTICAL SCALE HORIZONTAL SCALE EXHIBIT DRAWING 10 0 10 20 10 0 FEET

0 10 FEET

20

FOR INFORMATIONAL

PURPOSES ONLY

NE 85TH ST PED-BIKE CONNECTION

PROJECT NO. 20200013 DATE: JANUARY 2025

2707 COLBY AVENUE, SUITE 900 Everett, WA 98201 425.252.7700 | 800.615.9900

![](_page_30_Figure_4.jpeg)

![](_page_30_Figure_5.jpeg)

130 130 NE 85TH STREET STAMPED CONCRETE/LANDSCAPING 120 120 130r - PATH ACE OF WALL UL NE 85TH STREET 110 110 120 - EXISTING GROUND 100 100 110 100 90 90 80 90 80 60 70 -60 870 0 14+00 0 14+50 -50 -40 -30 -20 -10 10 20 30 40 50 60 70 -50 -40 -30 -20 -10 130 130 130 NE 85TH STREET NE 85TH STREET 120 120 120 STAMPED CONCRETE/LANDSCAPING - PATH FACE OF WALL 110 110 110 - EXISTING GROUND 100 100 100 90 90 90 80 80 80 70 -60 70 \_\_\_\_60 -870 -50 -40 -30 50 -50 -40 -30 -20 -10 10 20 30 40 60 70 -20 -10 0 0 13+75 14+25 CITY OF KIRKLAND NE 85TH ST PED-BIKE CONNECTION  $\mathcal{P}$ PERTEET VERTICAL SCALE HORIZONTAL SCALE EXHIBIT DRAWING 10 0 10 20 10 0 FEET FOR INFORMATIONAL 2707 COLBY AVENUE, SUITE 900 Everett, WA 98201 425.252.7700 | 800.615.9900 0 10 FEET 20 PURPOSES ONLY PROJECT NO. 20200013 DATE: JANUARY 2025

![](_page_31_Figure_1.jpeg)

140 r CL NE 85TH STREET 130 130 130 - STAMPED CONCRETE/LANDSCAPING PATH NE 85TH STREET 120 120 120 - FACE OF WALL - EXISTING GROUND 110 110 110 100 100 100 90 90 90 80 60 80 -60 80 0 15+00 0 15+50 -50 -40 -30 -20 -10 10 20 30 40 50 60 70 -50 -40 -30 -20 -10 14C NE 85TH STREET 130 130 130 - STAMPED CONCRETE/LANDSCAPING - PATH CL NE 85TH STREET 120 120 120 - FACE OF WALL - EXISTING GROUND 110 110 110 100 100 100 90 90 90 80 60 80 60 80 -50 -40 -30 50 -50 -40 -30 -20 -10 10 20 30 40 60 70 -20 -10 0 0 14+75 15+25  $\mathcal{P}$ CITY OF KIRKLAND PERTEET VERTICAL SCALE HORIZONTAL SCALE EXHIBIT DRAWING NE 85TH ST PED-BIKE CONNECTION 10 0 10 20 10 0 FEET FOR INFORMATIONAL 2707 COLBY AVENUE, SUITE 900 Everett, WA 98201 425.252.7700 | 800.615.9900 0 10 FEET 20 PURPOSES ONLY PROJECT NO. 20200013 DATE: JANUARY 2025

![](_page_32_Figure_1.jpeg)

140 140 r 140 STAMPED CONCRETE/LANDSCAPING NE 85TH STREET NE 85TH STREET - PATH 130 130 130 FACE OF WALL - EXISTING GROUND 120 120 120 110 110 110 100 100 100 90 -60 90 -60 80 -50 -40 -30 -20 -10 Ó 10 20 30 40 50 60 70 -50 -40 -30 -20 -10 0 16+50 16+00 140 140 - STAMPED CONCRETE/LANDSCAPING NE 85TH STREET 130 130 140 - PATH FACE OF WALL GL NE 85TH STREET 130 120 120 EXISTING GROUND 110 120 110 100 100 110 100 90 90 90 60 80 60 80 -50 -40 -30 50 -50 -40 -30 -20 -20 -10 10 20 30 40 60 70 -10 0 0 15+75 16+25  $\mathcal{P}$ CITY OF KIRKLAND PERTEET VERTICAL SCALE HORIZONTAL SCALE EXHIBIT DRAWING NE 85TH ST PED-BIKE CONNECTION 10 0 10 20 10 0 FEET FOR INFORMATIONAL 2707 COLBY AVENUE, SUITE 900 Everett, WA 98201 425.252.7700 | 800.615.9900 0 10 FEET 20 PURPOSES ONLY PROJECT NO. 20200013 DATE: JANUARY 2025

![](_page_33_Figure_1.jpeg)

![](_page_33_Figure_2.jpeg)

150 150 -150 CL NE 85TH STREET NE 85TH STREET - STAMPED CONCRETE/LANDSCAPING 140 140 140 — PATH FACE OF WALL 130 130 130 - EXISTING GROUND 120 120 120 110 110 110 100 100 100 \_\_\_\_\_0 80 90 - 60 90 -60 0 17+00 0 17+50 -50 -40 -30 -20 -10 10 20 30 40 50 60 70 -50 -40 -30 -20 -10 150 NE 85TH STREET 140 140 140 - STAMPED CONCRETE/LANDSCAPING - PATH NE 85TH STREET 1.30 130 130 FACE OF WALL - EXISTING GROUND 120 120 120 110 110 110 100 100 100 90 90 90 -60 80 -50 -40 -30 50 -50 -40 -30 -20 -10 10 20 30 40 60 70 -20 -10 0 0 16+75 17+25  $\mathcal{P}$ CITY OF KIRKLAND PERTEET VERTICAL SCALE HORIZONTAL SCALE EXHIBIT DRAWING NE 85TH ST PED-BIKE CONNECTION 10 0 10 20 10 0 FEET FOR INFORMATIONAL 2707 COLBY AVENUE, SUITE 900 Everett, WA 98201 425.252.7700 | 800.615.9900 0 10 FEET 20 PURPOSES ONLY PROJECT NO. 20200013 DATE: JANUARY 2025

![](_page_34_Figure_1.jpeg)

![](_page_35_Figure_0.jpeg)

160 160 CL NE 85TH STREET - STAMPED CONCRETE/LANDSCAPING 150 150 160 r PATH FACE OF WALL UL NE 85TH STREET 140 140 150 - EXISTING GROUND 130 130 140 120 120 130 110 110 120 100\_60 8000 110 -60 -50 -40 -30 -20 -10 Ó 10 20 30 40 50 60 70 -50 -40 -30 -20 -10 0 19+00 19+50 160 160 160 STAMPED CONCRETE/LANDSCAPING NE 85TH STREET NE 85TH STREET 150 150 150 - PATH FACE OF WALL *.....* 140 140 140 - EXISTING GROUND 130 130 130 120 120 120 110 110 110 100\_60 100\_60 -40 -50 -40 -30 50 -50 -30 -20 -10 10 20 30 40 60 70 -20 -10 0 0 18+75 19+25

VERTICAL SCALE

10 0 10 20 10 0 FEET

EXHIBIT DRAWING

FOR INFORMATIONAL

PURPOSES ONLY

CITY OF KIRKLAND NE 85TH ST PED-BIKE CONNECTION

 $\mathcal{P}$ 

HORIZONTAL SCALE

0 10 FEET 20

PERTEET

2707 COLBY AVENUE, SUITE 900 EVERETT, WA 98201 425.252.7700 | 800.615.9900

PROJECT NO. 20200013 DATE: JANUARY 2025

![](_page_36_Figure_4.jpeg)

![](_page_36_Figure_5.jpeg)

170 170 -170 NE 85TH STREET NE 85TH STREET - STAMPED CONCRETE/LANDSCAPING 160 160 160 - PATH FACE OF WALL 150 150 150 - EXISTING GROUND 140 140 140 130 130 130 120 120 120 110 -60 110 -60 8010 -50 -40 -30 -20 -10 ò 10 20 30 40 50 60 70 -50 -40 -30 -20 -10 0 20+00 20+50 170 NE 85TH STREET 160 160 160 - STAMPED CONCRETE/LANDSCAPING PATH CL NE 85TH STREET 150 150 150 FACE OF WALL - EXISTING GROUND 140 140 140 130 130 130 120 120 120 110 \_60 110 60 -50 -40 -30 50 -50 -40 -30 -20 -10 10 20 30 40 60 70 -20 -10 0 0 19+75 20+25  $\mathcal{P}$ CITY OF KIRKLAND PERTEET VERTICAL SCALE HORIZONTAL SCALE EXHIBIT DRAWING NE 85TH ST PED-BIKE CONNECTION 10 0 10 20 10 0 FEET FOR INFORMATIONAL 2707 COLBY AVENUE, SUITE 900 EVERETT, WA 98201 425.252.7700 | 800.615.9900 0 10 FEET 20 PURPOSES ONLY PROJECT NO. 20200013 DATE: JANUARY 2025

![](_page_37_Figure_1.jpeg)

180 CL NE 85TH STREET 170 170 170 - STAMPED CONCRETE/LANDSCAPING - PATH NE 85TH STREET 160 160 160 FACE OF WALL - EXISTING GROUND 150 150 150 140 140 140 130 130 130 120 \_60 8020 120 \_60 0 21+00 0 21+50 -50 -40 -30 -20 -10 10 20 30 40 50 60 70 -50 -40 -30 -20 -10 170 170 - STAMPED CONCRETE/LANDSCAPING NE 85TH STREET - PATH 160 160 170 - FACE OF WALL CL NE 85TH STREET - EXISTING GROUND 150 150 160 140 150 140 130 130 140 120 120 130 110 \_60 12060 -50 -40 50 -50 -40 -30 -30 -20 -10 10 20 30 40 60 70 -20 -10 0 0 20+75 21+25  $\mathcal{P}$ CITY OF KIRKLAND PERTEET VERTICAL SCALE HORIZONTAL SCALE EXHIBIT DRAWING NE 85TH ST PED-BIKE CONNECTION 10 0 10 20 10 0 FEET FOR INFORMATIONAL 2707 COLBY AVENUE, SUITE 900 EVERETT, WA 98201 425.252.7700 | 800.615.9900 0 10 FEET 20 PURPOSES ONLY PROJECT NO. 20200013 DATE: JANUARY 2025

![](_page_38_Figure_1.jpeg)

180 180 180 - STAMPED CONCRETE/LANDSCAPING CL NE 85TH STREET NE 85TH STREET 170 170 170 - PATH FACE OF WALL summ. 160 160 160 - EXISTING GROUND 150 150 150 140 140 140 130 130 130 120 \_60 8020 120 \_60 -50 -40 -30 -20 -10 10 20 30 40 50 60 70 -50 -40 -30 -20 -10 0 0 22+50 22+00 180 180 180 - STAMPED CONCRETE/LANDSCAPING UL NE 85TH STREET NE 85TH STREET 170 170 170 - PATH FACE OF WALL 160 160 160 - EXISTING GROUND 150 150 150 140 140 140 130 130 130 120 60 12060 -50 -40 -30 50 -50 -40 -30 -20 -10 10 20 30 40 60 70 -20 -10 0 0 21+75 22+25 CITY OF KIRKLAND NE 85TH ST PED-BIKE CONNECTION  $\mathcal{P}$ PERTEET VERTICAL SCALE HORIZONTAL SCALE EXHIBIT DRAWING 10 0 10 20 10 0 FEET FOR INFORMATIONAL 2707 COLBY AVENUE, SUITE 900 EVERETT, WA 98201 425.252.7700 | 800.615.9900 0 10 FEET 20 PURPOSES ONLY PROJECT NO. 20200013 DATE: JANUARY 2025

![](_page_39_Figure_1.jpeg)

190 190ך 190 NE 85TH STREET NE 85TH STREET 180 180 - STAMPED CONCRETE/LANDSCAPING 180 PATH - FACE OF WALL 170 170 170 - EXISTING GROUND 160 160 160 150 150 150 140 140 140 130 -60 80 30 130 -60 0 23+00 0 23+50 -50 -40 -30 -20 -10 10 20 30 40 50 60 70 -50 -40 -30 -20 -10 190 NE 85TH STREET 180 180 180 - STAMPED CONCRETE/LANDSCAPING PATH NE 85TH STREET 170 FACE OF WALL 170 170 - EXISTING GROUND 160 160 160 150 150 150 140 140 140 \_\_\_\_1 30 130 -60 130\_60 -50 -40 -30 50 70 -50 -40 -30 -20 -10 10 20 30 40 60 -20 -10 0 0 22+75 23+25  $\mathcal{P}$ CITY OF KIRKLAND PERTEET VERTICAL SCALE HORIZONTAL SCALE EXHIBIT DRAWING NE 85TH ST PED-BIKE CONNECTION 10 0 10 20 10 0 FEET FOR INFORMATIONAL 2707 COLBY AVENUE, SUITE 900 EVERETT, WA 98201 425.252.7700 | 800.615.9900 0 10 FEET 20 PURPOSES ONLY PROJECT NO. 20200013 DATE: JANUARY 2025

![](_page_40_Figure_1.jpeg)

NE 85TH STREET 190 190 190 - STAMPED CONCRETE/LANDSCAPING - PATH NE 85TH STREET 180 180 180 - FACE OF WALL - EXISTING GROUND 170 170 170 160 160 160 150 150 150 140 -60 140 -60 8040 -50 50 -50 -40 -30 -20 -10 20 40 60 70 -40 -30 -20 -10 0 10 30 0 24+00 24+50 190 190 م 190 - STAMPED CONCRETE/LANDSCAPING CL NE 85TH STREET CL NE 85TH STREET 180 180 180 FACE OF WALL - EXISTING GROUND 170 170 170 160 160 160 150 150 150 140<u>60</u> 140 -60 -50 -40 50 70 -50 -40 -30 -30 -20 -10 10 20 30 40 60 -20 -10 0 0 23+75 24+25  $\mathcal{P}$ CITY OF KIRKLAND PERTEET VERTICAL SCALE HORIZONTAL SCALE EXHIBIT DRAWING NE 85TH ST PED-BIKE CONNECTION 10 0 10 20 10 0 FEET FOR INFORMATIONAL 2707 COLBY AVENUE, SUITE 900 EVERETT, WA 98201 425.252.7700 | 800.615.9900 0 10 FEET 20 PURPOSES ONLY

200

PROJECT NO. 20200013 DATE: JANUARY 2025

![](_page_41_Figure_4.jpeg)

![](_page_41_Figure_5.jpeg)

200 -200 200 - STAMPED CONCRETE/LANDSCAPING NE 85TH STREET NE 85TH STREET 190 190 190 PATH FACE OF WALL \_ 180 180 180 - EXISTING GROUND 170 170 170 160 160 160 150 150 150 140 -60 80 40 140 -60 -50 -40 -30 -20 -10 20 30 40 50 60 70 -50 -40 -30 -20 -10 0 10 0 25+00 25+50 200 200 200 CL NE 85TH STREET NE 85TH STREET - STAMPED CONCRETE/LANDSCAPING 190 190 190 - PATH FACE OF WALL 180 180 180 - EXISTING GROUND 170 170 170 160 160 160 150 150 150 140<u>60</u> 140<u>60</u> -50 -40 -30 50 70 -50 -40 -30 -20 -10 10 20 30 40 60 -20 -10 0 0 24+75 25+25  $\mathcal{P}$ CITY OF KIRKLAND PERTEET VERTICAL SCALE HORIZONTAL SCALE EXHIBIT DRAWING NE 85TH ST PED-BIKE CONNECTION 10 0 10 20 10 0 FEET FOR INFORMATIONAL 2707 COLBY AVENUE, SUITE 900 EVERETT, WA 98201 425.252.7700 | 800.615.9900 0 10 FEET 20 PURPOSES ONLY PROJECT NO. 20200013 DATE: JANUARY 2025

![](_page_42_Figure_1.jpeg)

210<sub>[</sub> NE 85TH STREET 200 200 PATH UL NE 85TH STREET - FACE OF WALL 190 190 190 - EXISTING GROUND 180 180 180 170 170 170 160 160 160 150 80 50 150 -60 0 26+00 -50 -40 -30 -20 -10 10 20 30 40 50 60 70 -50 -40 -30 -20 -10 0 26+50 210 NE 85TH STREET 200 200 200 - STAMPED CONCRETE/LANDSCAPING PATH CL NE 85TH STREET FACE OF WALL 190 190 190 - EXISTING GROUND 180 180 180 170 170 170 160 160 160 \_\_\_\_\_150 150\_60 150\_60 -50 -40 50 70 -50 -40 -30 -30 -20 -10 10 20 30 40 60 -20 -10 0 0 25+75 26+25 CITY OF KIRKLAND NE 85TH ST PED-BIKE CONNECTION  $\mathcal{P}$ PERTEET VERTICAL SCALE HORIZONTAL SCALE EXHIBIT DRAWING 10 0 10 20 10 0 FEET FOR INFORMATIONAL 2707 COLBY AVENUE, SUITE 900 EVERETT, WA 98201 425.252.7700 | 800.615.9900 0 10 FEET 20 PURPOSES ONLY PROJECT NO. 20200013 DATE: JANUARY 2025

![](_page_43_Figure_1.jpeg)

220 220 - STAMPED CONCRETE/LANDSCAPING CL NE 85TH STREET PATH 210 210 220 - FACE OF WALL IIIIIIIII EXISTING GROUND CL NE 85TH STREET 200 210 200 190 190 200 180 180 190 170 \_60 8070 180 -60 -50 50 -50 -40 -30 -20 -10 20 40 60 70 -40 -30 -20 -10 0 10 30 0 28+50 29+00 220<sub>[</sub> 220 220 AMPED CONCRETE/LANDSCAPING GL NE 85TH STREET GL NE 85TH STREET 210 210 210 - FACE OF WALL ...... EXISTING GROUND 200 200 200 190 190 190 180 180 180 \_\_\_\_\_170 80 170\_60 170\_60 -50 50 -50 -40 -30 -40 -30 -20 -10 10 20 30 40 60 70 -20 -10 0 0 28+25 28+75  $\mathcal{P}$ CITY OF KIRKLAND PERTEET VERTICAL SCALE HORIZONTAL SCALE EXHIBIT DRAWING 0 10 20 10 0 FEET NE 85TH ST PED-BIKE CONNECTION FOR INFORMATIONAL 2707 COLBY AVENUE, SUITE 900 EVERETT, WA 98201 425.252.7700 | 800.615.9900 0 10 FEET 20 PURPOSES ONLY PROJECT NO. 20200013

![](_page_44_Figure_2.jpeg)

DATE: JANUARY 2025

![](_page_44_Figure_3.jpeg)

230<sub>[</sub> 230 NE 85TH STREET 220 220 230 - PATH - FACE OF WALL CL NE 85TH STREET 210 220 210 EXISTING GROUND 200 200 210 190 190 200 180\_60 80 80 190 \_60 -50 50 -50 -40 -30 -20 -10 20 40 60 70 -40 -30 -20 -10 0 10 30 0 29+50 29+75 230<sub>[</sub> 230 230 CL NE 85TH STREET CL NE 85TH STREET STAMPED CONCRETE/LANDSCAPING 220 220 220 - PATH FACE OF WALL 210 210 210 EXISTING GROUND 200 200 200 190 190 190 \_\_\_\_\_180 80 180 60 180 60 -50 50 70 -50 -40 -30 -40 -30 -20 -10 10 20 30 40 60 -20 -10 0 0 29+25 29+58  $\mathcal{P}$ CITY OF KIRKLAND PERTEET VERTICAL SCALE HORIZONTAL SCALE EXHIBIT DRAWING 0 10 20 10 0 FEET NE 85TH ST PED-BIKE CONNECTION FOR INFORMATIONAL 2707 COLBY AVENUE, SUITE 900 EVERETT, WA 98201 425.252.7700 | 800.615.9900 0 10 FEET 20

PURPOSES ONLY

PROJECT NO. 20200013 DATE: JANUARY 2025

![](_page_45_Figure_4.jpeg)

---- STAMPED CONCRETE/LAND\$CAPING

DATH

230

220

![](_page_46_Figure_0.jpeg)

 PERTEET

 2707 COLBY AVENUE, SUITE 900

 EVERETT, WA 98201

 425.252.7700 | 800.615.9900

CITY OF KIRKLAND NE 85TH ST PED-BIKE CONNECTION

PROJECT NO. 20200013 DATE: JANUARY 2025

![](_page_46_Picture_5.jpeg)