

CITY OF KIRKLAND

132ND AVE NE & SLATER AVE CROSSING NE 124TH ST SLATER AVE CROSSING IMPROVEMENTS JOB No. 06-24-PW, Contract No. HLP-2059(002)

ADDENDUM No. 1 TO THE PLANS, SPECIFICATIONS, PROPOSAL AND CONTRACT

Issued This Date: Friday January 13, 2025
Bid Opening: **January 23, 2025 @ 2:00pm, to remain the same**
Place of Opening: City Hall, Council Chambers, to remain the same

Notice to All Plan holders:

This Addendum No. 1, containing the following revisions, additions, deletions, and/or clarifications is hereby made part of the Plan and Contract Documents for the above-named 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:

Item 1:

Location: Appendix C of Special Provision - See attached Appendix C.

Description: Appendix C Right-of-Way Commitment Files are replaced with the Appendix C attached to this amendment. Signed Temporary Construction Easement documents are now included in the appendix.

Item 2:

Location: Specification section 1-07.23(1). See attached revision to the Specification page 43.

Description: Line 11 is updated to "5 days prior to night work".

Item 3:

Location: Plan Sheet CV01 and SG07 of plans. See the attached plan sheet CV01 and SG07.

Description: Plan sheet CV01: Revise George Minassian's title as "Interim Capital Projects Manager" below "City Officials". Plan sheet SG07: Replaced the word "HAWK" with "VEHICLE" signal head on Signal Display Vertical Clearance to Roadway schedule.

Sincerely,



Kimberly Coraza, PE
City Project Engineer



George Minassian, P.E.,
Interim Capital Projects Manager

APPENDIX C

RIGHT-OF-WAY

COMMITMENT FILES

After recording return document to:

City of Kirkland
Public Works Department
123 Fifth Avenue
Kirkland, WA 98033-6189

Document Title: Temporary Construction Easement
Grantor: NWB Totem Valley, LLC
Grantee: City of Kirkland
Abbreviated Legal Description: Lt 1, LLA No. LL-85-107, Rec. No. 8511180890, Blk A, Totem Valley Business Center
Assessor's Tax Parcel Number: 866335-0010

TEMPORARY CONSTRUCTION EASEMENT

CITY OF KIRKLAND CKC/SLATER AVE NE AND NE 124TH ST/SLATER AVE NE PEDESTRIAN CROSSING IMPROVEMENTS

THE GRANTOR, NWB TOTEM VALLEY LLC, A WASHINGTON LIMITED LIABILITY COMPANY, for valuable consideration, receipt of which is hereby acknowledged, does hereby grant to the GRANTEE, CITY OF KIRKLAND, a municipal corporation of the State of Washington, or its agents, the right, permit, license, easement to use and occupy the hereinafter described land from the start of construction activities on the above right-of-way improvement project until June 30, 2026, or until completion of the improvement project, whichever is earlier, though in no case shall physical occupancy of said land be longer than nineteen months, for any and all purposes incidental to the construction of the above-mentioned right-of-way project, said lands being described as follows:

For legal description and additional conditions
See Exhibit A and Exhibit B attached hereto and made a part hereof.

It is further understood and agreed that the GRANTEE shall indemnify and save the GRANTOR harmless from any and all claims and causes of action of every kind and description which may accrue to, or be suffered by, any person, persons or property by reason of, arising out of, or resulting from the use and occupancy of said lands by the GRANTEE, its successors and assigns.

It is understood and agreed that this construction easement is temporary in duration and is for the purpose of granting permission to the CITY OF KIRKLAND and its agents to enter onto the GRANTOR'S property and make surface modification to surrounding areas, as identified on the attached plan and as necessary to complete the City of Kirkland CKC/Slater Ave NE and NE 124th St/Slater Ave NE Pedestrian Crossing Improvements Project.

CHICAGO TITLE INSURANCE COMPANY
has placed the document of record as a
customer courtesy and accepts no liability
for the accuracy or validity of the document.

age 1 of 7

Parcel No.: 866335-0010

TEMPORARY CONSTRUCTION EASEMENT

It is understood and agreed that upon completion of construction of said Project, the CITY OF KIRKLAND or its agents shall restore the existing slopes on said lands to match new construction, including the replacing of any improvements now located therein.

It is also understood that the terms and obligations expressed herein are not binding upon the CITY OF KIRKLAND unless and until approved and accepted in writing by the Director of Public Works for the CITY OF KIRKLAND.

DATED this 29 day of May, 2024.

GRANTOR

By: Matt Arnoldy
NWB TOTEM VALLEY LLC, A WASHINGTON LIMITED LIABILITY COMPANY

Printed Name: Matt Arnoldy

Title: Manager

GRANTEE

By: [Signature]
CITY OF KIRKLAND
Director of Public Works

TEMPORARY CONSTRUCTION EASEMENT

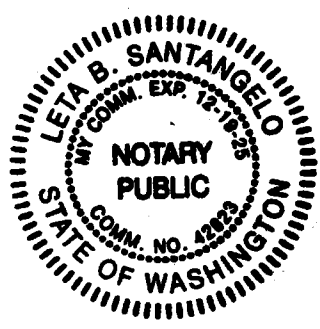
STATE OF WASHINGTON)

:SS

COUNTY OF KING)

On this 11th day of June, 2024, before me, the undersigned, a Notary Public in and for the State of Washington, duly commissioned and sworn, personally appeared Tru Dever, to me known to be the person who signed as **Director of Public Works, for the City of Kirkland**, the municipal corporation that executed the within and foregoing instrument, and acknowledged said instrument to be their free and voluntary act and deed and the free and voluntary act and deed of the **City of Kirkland**. for the uses and purposes therein mentioned; and on oath stated that they were authorized to execute the said instrument on behalf of said the **City of Kirkland**.

IN WITNESS WHEREOF I have hereunto set my hand and official seal the day and year first above written.



Leta B Santangelo
(Signature of Notary)

Leta B Santangelo
(Print or stamp name of Notary)

Notary Public in and for the State of Washington, residing at Kirkland
My Appointment Expires: 12-19-25

EXHIBIT A
PARCEL NO. 866335-0010
TEMPORARY CONSTRUCTION EASEMENT

THAT PORTION OF THE HEREINAFTER DESCRIBED TRACT LYING EAST AND SOUTH OF A LINE DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHEAST CORNER OF SAID TRACT, ALSO BEING THE INTERSECTION OF THE WESTERLY MARGIN OF SLATER AVENUE NORTHEAST AND THE NORTHERLY MARGIN OF BURLINGTON NORTHERN RAILROAD RIGHT-OF-WAY, AS SHOWN ON LOT LINE ADJUSTMENT RECORDED UNDER RECORDING NUMBER 20011119900003, RECORDS OF KING COUNTY, WASHINGTON;

THENCE NORTH 18° 21' 16" EAST ALONG SAID WESTERLY MARGIN, 28.98 FEET TO THE TRUE POINT OF BEGINNING;

THENCE NORTH 71° 38' 44" WEST, 5.00 FEET;

THENCE SOUTH 26° 50' 23" WEST, 31.80 FEET TO THE NORTHELY MARGIN OF BURLINGTON NORTHERN RAILROAD RIGHT-OF-WAY AND THE TERMINUS OF SAID LINE.

CONTAINING 219 SQUARE FEET, MORE OR LESS.

TRACT:

(PER CHICAGO TITLE COMPANY CERTIFICATE NO. 240138-SC, DATED JANUARY 30, 2024)

PARCEL A:

LOT 1, ACCORDING TO CITY OF KIRKLAND LOT LINE ADJUSTMENT NO. LL-85-107, RECORDED UNDER RECORDING NUMBER 8511180890 BEING A PART OF BLOCK A OF TOTEM VALLEY BUSINESS CENTER, ACCORDING TO THE PLAT THEREOF, RECORDED IN VOLUME 126, OF PLATS, PAGES 86 THROUGH 91, IN KING COUNTY, WASHINGTON;

PARCEL B:

TOGETHER WITH THAT PORTION OF THE BURLINGTON NORTHERN SANTA FE RAILROAD RIGHT OF WAY CONVEYED BY SPECIAL WARRANTY DEED RECORDED UNDER RECORDING NUMBER 9905260791, RECORDS OF KING COUNTY, WASHINGTON, DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHEAST CORNER OF SAID LOT 1, BEING A POINT ON THE WEST MARGIN OF 132ND PLACE N.E.;

THENCE SOUTH 18°20'32" WEST ALONG SAID MARGIN 20.62 TO A POINT ON A CURVE TO THE LEFT HAVING A RADIUS OF 2,894.93 FEET;

THENCE WESTERLY ALONG SAID THROUGH A CENTRAL ANGLE OF 02°21'58" AN ARC DISTANCE OF 119.52 FEET;

THENCE NORTH 01°35'19" EAST 20.00 FEET TO THE SOUTHWEST CORNER OF SAID LOT 1 AND A POINT ON A CURVE TO THE RIGHT HAVING A RADIUS OF 2,914.93 FEET;

THENCE EASTERLY ALONG SAID CURVE AND ALONG THE SOUTH LINE OF SAID LOT 1 THROUGH A CENTRAL ANGLE OF 02°26'58", AN ARC DISTANCE OF 125.47 FEET TO SAID MARGIN OF 132ND PLACE N.E. AND THE POINT OF BEGINNING;

866335-0010 TCE.DOC

EXCEPT THAT PORTION CONVEYED TO KING COUNTY FOR 132ND PLACE N.E. BY WARRANTY DEED RECORDED UNDER RECORDING NUMBER 9604120786;

AND EXCEPT THAT PORTION THEREOF CONVEYED TO THE CITY OF KIRKLAND FOR NORTHEAST 126TH PLACE BY WARRANTY DEED RECORDED UNDER RECORDING NUMBER 9511290474.
(NOW KNOWN AS PARCEL C OF CITY OF KIRKLAND LOT LINE ADJUSTMENT NO. LL-01-16, RECORDED UNDER RECORDING NUMBER 20011119900003).

PARCEL C:

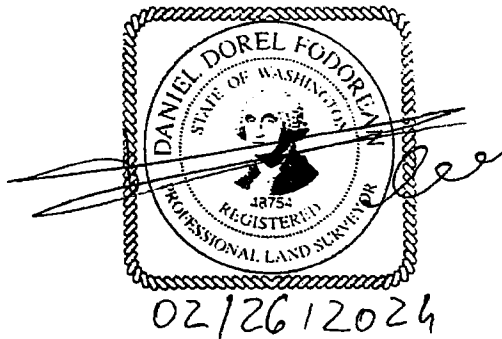
TOGETHER WITH EASEMENT AGREEMENT AS RECORDED UNDER RECORDING NUMBER 5790546 AND AMENDED BY INSTRUMENT RECORDED UNDER RECORDING NUMBER 6540875, RECORDS OF KING COUNTY, WASHINGTON.

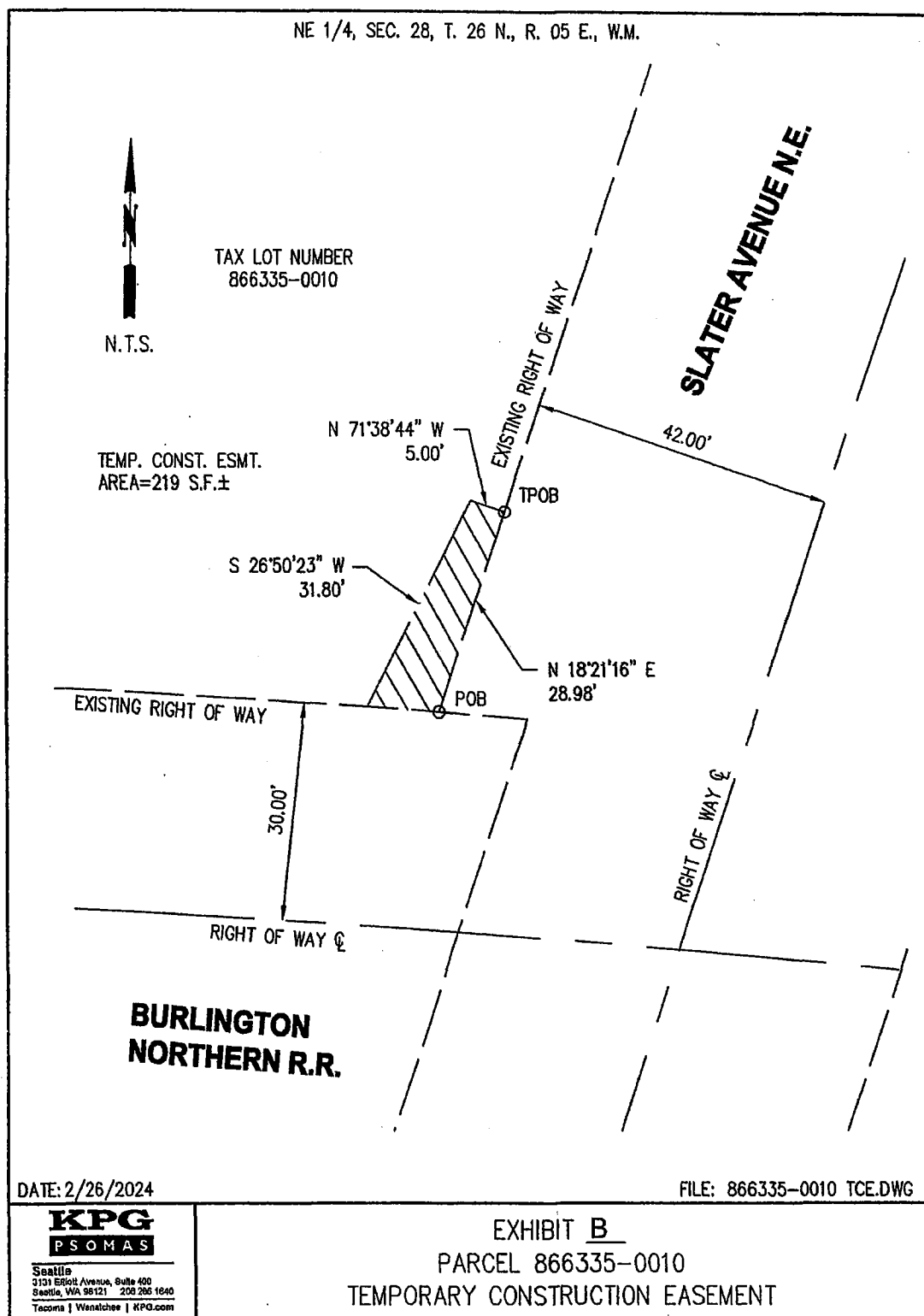
PARCEL D:

TOGETHER WITH COMMON EASEMENT AREAS AND COMMUNITY FACILITIES AS DISCLOSED BY INSTRUMENT RECORDED UNDER RECORDING NUMBER 8404110786.

PARCEL E:

TOGETHER WITH AN EASEMENT FOR SIGN PURPOSES AS RECORDED UNDER RECORDING NUMBER 9401112328, RECORDS OF KING COUNTY, WASHINGTON.





After recording return document to:

City of Kirkland
Public Works Department
123 Fifth Avenue
Kirkland, WA 98033-6189

Document Title: Temporary Construction Easement
Grantor: O. B. Kirkland Properties, LLC
Grantee: City of Kirkland
Abbreviated Legal Description: Lot A, K.C. BLA L07L007O, K.C. Rec No. 20080701900005
Assessor's Tax Parcel Number: 272605-9074

TEMPORARY CONSTRUCTION EASEMENT

Slater Ave NE and NE 124th St. – Slater Ave NE Pedestrian Crossing Improvements

THE GRANTOR, **O. B. Kirkland Properties, LLC**, a Washington limited liability company, for valuable consideration, receipt of which is hereby acknowledged, does hereby grant to the GRANTEE, **CITY OF KIRKLAND**, a municipal corporation of the State of Washington, or its agents, the right, permit, license, easement to use and occupy the hereinafter described land from the start of construction activities on the above right-of-way improvement project until June 30, 2026, or until completion of the improvement project, whichever is earlier, though in no case shall physical occupancy of said land be longer than nineteen months, for any and all purposes incidental to the construction of the above-mentioned right-of-way project, said lands being described as follows:

For legal description and additional conditions
See Exhibit A and Exhibit B attached hereto and made a part hereof.

It is further understood and agreed that the GRANTEE shall indemnify and save the GRANTOR harmless from any and all claims and causes of action of every kind and description which may accrue to, or be suffered by, any person, persons or property by reason of, arising out of, or resulting from the use and occupancy of said lands by the GRANTEE, its successors and assigns.

It is understood and agreed that this construction easement is temporary in duration and is for the purpose of granting permission to the CITY OF KIRKLAND and its agents to enter onto the GRANTOR'S property and make surface modification to surrounding areas, as identified on the attached plan and as necessary to complete the City of Kirkland CKC/Slater Ave NE and NE 124th St/Slater Ave NE Pedestrian Crossing Improvements Project.

CHICAGO TITLE INSURANCE COMPANY
has placed the document of record as a
customer courtesy and accepts no liability
for the accuracy or validity of the document.

TEMPORARY CONSTRUCTION EASEMENT

It is understood and agreed that upon completion of construction of said Project, the CITY OF KIRKLAND or its agents shall restore the existing slopes on said lands to match new construction, including the replacing of any improvements now located therein.

It is also understood that the terms and obligations expressed herein are not binding upon the CITY OF KIRKLAND unless and until approved and accepted in writing by the Director of Public Works for the CITY OF KIRKLAND.

DATED this 15th day of May, 2024.

GRANTOR

By: 
O. B. Kirkland Properties, LLC
Name: MICHAEL O'BRIEN
Its: MANAGER

GRANTEE

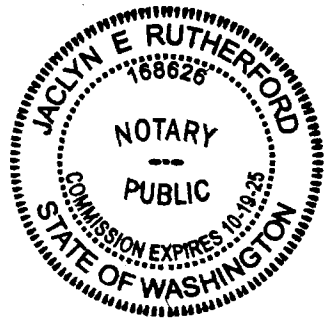
By: 
CITY OF KIRKLAND
Director of Public Works

TEMPORARY CONSTRUCTION EASEMENT

STATE OF WASHINGTON)
) SS
COUNTY OF KING)

On this 15th day of May, 2024, before me, a Notary Public in and for the State of Washington, duly commissioned and sworn, personally appeared Michael O'Brien to me known to be the person who signed as MANAGER, of **O. B. Kirkland Properties, LLC**, that executed the within and foregoing instrument, and acknowledged said instrument to be their free and voluntary act and deed and the free and voluntary act and deed of **O. B. Kirkland Properties, LLC** for the uses and purposes therein mentioned; and on oath stated that they were authorized to execute the said instrument on behalf of said corporation.

GIVEN under my hand and official seal hereto affixed the day and year in this certificate first above written.



[Handwritten Signature]
(Signature of Notary)

Jacyln E Rutherford
(Print or stamp name of Notary)

Notary Public in and for the State of Washington, residing at Kenmore
My Appointment Expires: 10/19/25

TEMPORARY CONSTRUCTION EASEMENT

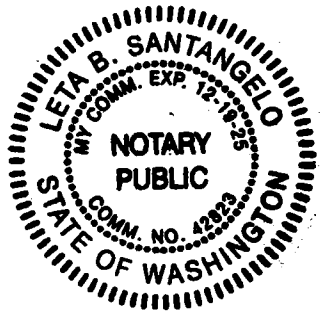
STATE OF WASHINGTON)

:SS

COUNTY OF KING)

On this 11th day of June, 2024, before me, the undersigned, a Notary Public in and for the State of Washington, duly commissioned and sworn, personally appeared Trudewer, to me known to be the person who signed as **Director of Public Works, for the City of Kirkland**, the municipal corporation that executed the within and foregoing instrument, and acknowledged said instrument to be their free and voluntary act and deed and the free and voluntary act and deed of the **City of Kirkland**. for the uses and purposes therein mentioned; and on oath stated that they were authorized to execute the said instrument on behalf of said the **City of Kirkland**.

IN WITNESS WHEREOF I have hereunto set my hand and official seal the day and year first above written.



Leta B Santangelo
(Signature of Notary)

Leta B Santangelo
(Print or stamp name of Notary)

Notary Public in and for the State of Washington, residing at Kirkland
My Appointment Expires: 12-19-2025

EXHIBIT A
PARCEL NO. 272605-9074
TEMPORARY CONSTRUCTION EASEMENT

THAT PORTION OF THE HEREINAFTER DESCRIBED PARCEL "A", DESCRIBED AS FOLLOWS:

BEGINNING AT THE INTERSECTION OF EASTERLY MARGIN OF SLATER AVENUE NORTHEAST RIGHT-OF-WAY, AS CONVEYED BY DEED RECORDED UNDER RECORDIGN NUMBER 20140224001537, AND THE SOUTHERLY MARGIN OF BURLINGTON NORTHERN RIGT-OF-WAY, AS SHOWN ON BOUNDARY LINE ADJUSTMENT RECORDED UNDER RECORDING NUMBER 20080701900005;

THENCE SOUTH 18° 21' 16" WEST ALONG SAID EASTELY MARGIN, 22.26 FEET;

THENCE CONTINUING ALONG SAID EASTERLY MARGIN ON A CURVE TO THE RIGHT WHOSE CENTER BEARS NORTH 71° 05' 24" WEST, 998.50 FEET, AN ARC DISTANCE 226.51 FEET TO A POINT OF REVERSE CURVATURE;

THENCE CONTINUING ALONG SAID EASTERLY MARGIN ON A CURVE TO THE LEFT WHOSE CENTER BEARS SOUTH 58° 38' 53" EAST, 33.50 FEET, AN ARC DISTANCE OF 20.29 FEET TO THE TRUE POINT OF BEGINNING;

THENCE NORTH 86° 38' 52" EAST, 5.00 FEET TO A NONTANGENT CURVE;

THENCE SOUTHERLY ON A CURVE TO THE LEFT WHOSE CENTER BEARS NORTH 86° 38' 52" EAST, 28.50 FEET, AN ARC DISTANCE OF 23.61;

THENCE SOUTH 39° 11' 32" WEST, 5.00 FEET TO THE EASTERLY MARGIN OF SLATER AVENUE NORTHEAST RIGHT-OF-WAY, AS CONVEYED BY DEED RECORDED UNDER RECORDIGN NUMBER 20140224001537;

THENCE NORTHERLY ALONG SAID EASTELY MARGIN ON A CURVE TO THE RIGHT WHOSE CENTER BEARS NORTH 39° 11' 32" EAST, 33.50 FEET, AN ARC DISTANCE OF 27.75 FEET TO THE TRUE POINT OF BEGINNING.

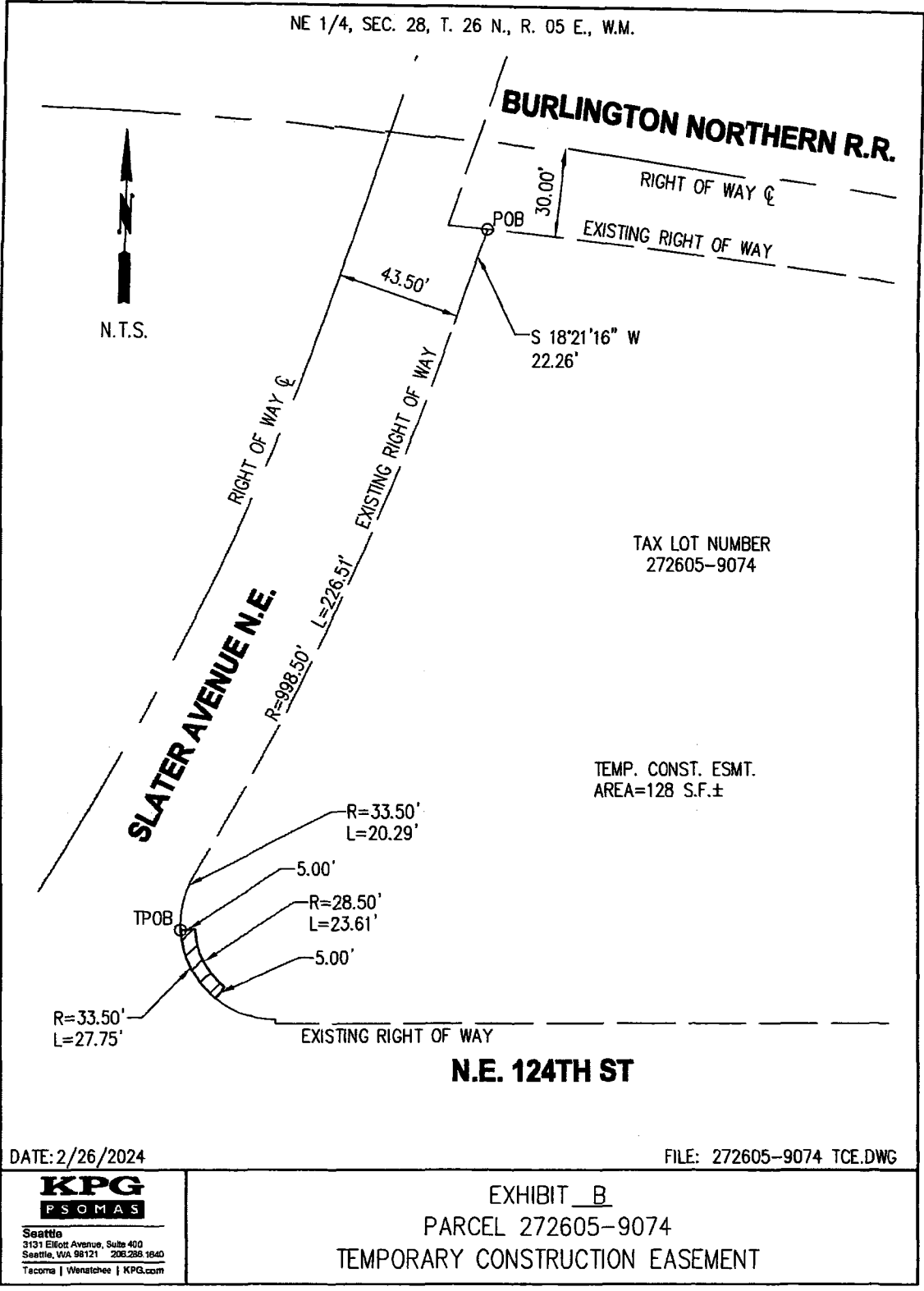
CONTAINING 128 SQUARE FEET, MORE OR LESS.

PARCEL "A":

(PER CHICAGO TITLE COMPANY CERTIFICATE NO. 240137-SC, DATED JANUARY 29, 2024)

LOT A, KING COUNTY BOUNDARY LINE ADJUSTMENT NO. L07L0070, RECORDED IN VOLUME 249 OF SURVEYS, PAGE 25, UNDER RECORDING NO. 20080701900005, RECORDS OF KING COUNTY, WASHINGTON, BEING A PORTION OF THE SOUTH HALF OF SECTIONS 27 AND 28, TOWNSHIP 26 NORTH, RANGE 5 EAST, W.M., IN KING COUNTY, WASHINGTON; EXCEPT THAT PORTION THEREOF CONVEYED TO THE CITY OF KIRKLAND BY DEED RECORDED UNDER RECORDING NO. 20140224001537, RECORDS OF KING COUNTY, WASHINGTON.





1 Incidental night work costs may include but are not limited to temporary lighting, labor
2 premiums, concrete and asphalt batch plant premiums. All costs associated with night work
3 shall be considered incidental and included in the unit bid item mobilization with the
4 exception of UPO. Must have TCP approval and Engineer's approval 1 week prior to work
5 starting. Night work is allowed during the following hours:

- 6 • 9:00 pm to 5:00 am Monday through Thursday, except holidays
- 7 • Contractor shall install a portable message sign on each end of the project as follows:
- 8 • 5 days prior to limiting access to property owners/paving operations. The message shall
- 9 give the date and time of the occurrence.
- 10 • 1 week prior to full road closures
- 11 • 5 days prior to night work
- 12 • During the closure the message shall state "Expect delays from ___ Street to ___ Street."
- 13 (***)

14
15 If the Engineer determines the permitted closure hours adversely affect traffic, the Engineer may adjust
16 the hours accordingly. The Engineer will notify the Contractor in writing of any change in the closure
17 hours. Exceptions to these restrictions are listed below and when applicable take precedence over
18 closures listed above. The Engineer may also consider on a case-by-case basis additional exceptions
19 following a written request by the Contractor.

20 Lane, ramp, shoulder, and roadway closures are not allowed on any of the following:

- 21 1. A holiday,
- 22
- 23 2. A holiday weekend; holidays that occur on Friday, Saturday, Sunday or Monday are
- 24 considered a holiday weekend. A holiday weekend includes Saturday, Sunday, and the holiday.
- 25
- 26 3. After *** 3 :00 p.m. *** on the day prior to a holiday or holiday weekend, and
- 27
- 28 4. Before *** 9:00 a.m.*** on the day after the holiday or holiday weekend.
- 29
- 30 5. The two-hour period prior to and the two-hour period after the following special events:
- 31
- 32 *** None ***
- 33
- 34
- 35

36 It shall be the Contractor's responsibility to obtain the dates and times of all events.

37
38 **Traffic Delays**

39 When Automated Flagger Assistance Devices (AFADs) or flaggers are used to control traffic, traffic
40 shall not be stopped for more than 5 minutes at any time. All traffic congestion shall be allowed to
41 clear before traffic is delayed again.

42
43 If the delay becomes greater than 5 minutes, the Contractor shall immediately begin to take action to
44 cease the operations that are causing the delays. If the 5 minute delay limit has been exceeded, as
45 determined by the Engineer, the Contractor shall provide to the Engineer, a written proposal to revise
46 his work operations to meet the 5 minute limit. This proposal shall be accepted by the Engineer prior
47 to resuming any work requiring traffic control.

48
49 There shall be no delay to medical, fire, or other emergency vehicles. The Contractor shall alert all
50 flaggers and personnel of this requirement.

51
52 **General Restrictions**





CITY OF KIRKLAND

132ND AVE NE & SLATER AVE CROSSING

NE 124TH ST SLATER AVE CROSSING IMPROVEMENTS

PROJECT NO. 06-24-PW

CONTRACT NO. HLP-2059(002)

CIP NO.
NMC1350000
NMC1360000



DECEMBER 2024

CITY OFFICIALS

KELLI CURTIS	MAYOR
JAY ARNOLD	DEPUTY MAYOR
NEAL BLACK	COUNCIL MEMBER
PENNY SWEET	COUNCIL MEMBER
AMY FALCONE	COUNCIL MEMBER
JON PASCAL	COUNCIL MEMBER
JOHN TYMCZYSZYN	COUNCIL MEMBER
KURT TRIPLETT	CITY MANAGER
TRUC DEVER	PUBLIC WORKS DIRECTOR
GEORGE MINASSIAN, PE	INTERIM CAPITAL PROJECTS MANAGER

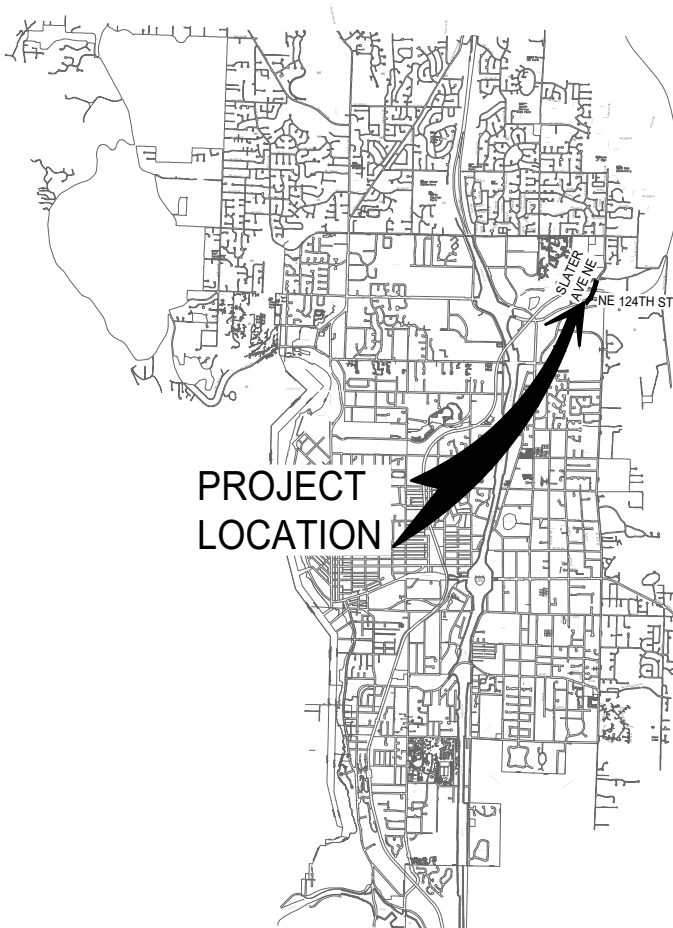
CONTACT PERSONNEL

NAME	AGENCY	PHONE
KIMBERLY CORAZA	COK PROJECT ENGINEER	425-587-3244
RIK MAYER	COK CONSTRUCTION INSPECTOR	425-587-3839
STEVE HOOPES	COK CONSTRUCTION INSPECTOR	425-587-3892
KIARA SKYE	PSE	425-213-9205
CHERYL SCHNEIDER	ZIPLY	425-949-0230
PARKER STEWART	COMCAST	425-760-4070
KENNY TERHUNE	VERIZON	425-301-8658
KAYVAN FASSNACHT	CENTURYLINK/LUMEN	425-213-9378
KIM BODTKER	ZAYO	206-841-5545
GEORGE MATOTE	NORTHSHORE UTILITY DISTRICT (NUD)	425-471-9450
STEVEN FOSS	KING COUNTY SEWER DISTRICT	206-255-6047
DAVID FREEMAN SR.	KING COUNTY METRO	206-472-2553
DISPATCH	COK POLICE	425-308-7280
DISPATCH	COK FIRE	425-587-3722
	COK SPILL RESPONSE HOTLINE	425-587-3900
	EMERGENCY	911
	ONE CALL LOCATES	1-800-424-5555

VICINITY MAP



NOT TO SCALE



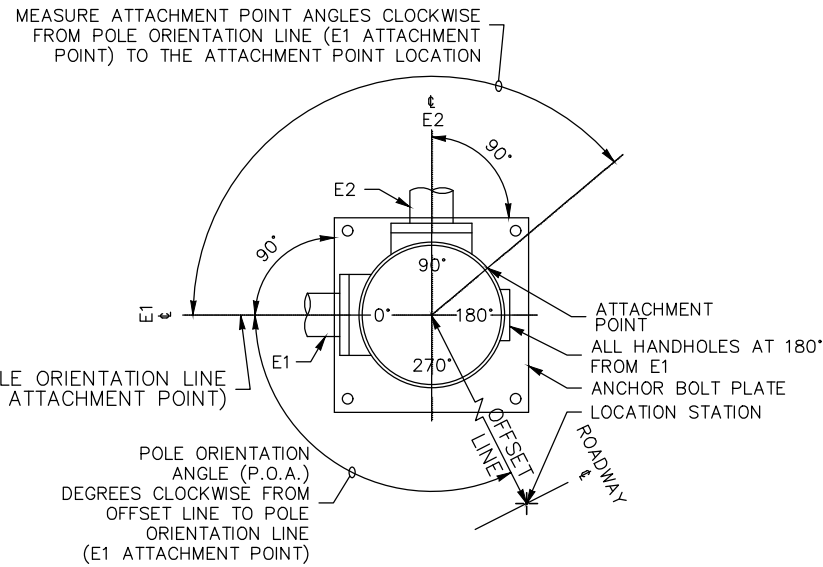
719 Second Ave, Suite 1250
Seattle, WA 98104
(206) 382-9800
www.dksassociates.com

INDEX OF DRAWINGS

SHEET NO.	DWG. NO.	DESCRIPTION
1	CV01	COVER SHEET
2	GN01	LEGEND AND ABBREVIATIONS
3	SC01	ALIGNMENT AND SURVEY CONTROL PLAN
4-5	EC01-EC02	EXISTING CONDITIONS AND POTHOLE PLANS
6	SP01	SITE PREPARATION PLAN
7-10	RD01-RD04	ROADWAY AND TRAIL CROSSING PLANS
11	IP01	INTERSECTION PLAN
12-15	MD01-MD04	MISCELLANEOUS ROADWAY DETAILS
16-20	CH01-CH05	CHANNELIZATION PLANS & DETAILS
21-29	SG01-SG09	TRAFFIC SIGNAL PLANS & DETAILS
30-31	IL01-IL02	ILLUMINATION PLAN & DETAILS
32-33	TS01-TS02	ITS PLAN & DETAILS

SHEET:
1 OF 33
SCALE:
NTS
FILENAME:
CV01

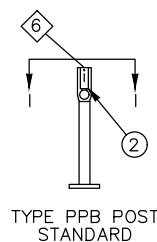
L:\M-DKS\SEA\Company\1\PROJECTS - 24000 EFF 5.15.23\24000\000a\24053-000 Kirkland 132nd Ave Trail Crossing\02 Delivry\06 CUA\SG07.dwg



POLE ORIENTATION AND ATTACHMENT POINT DETAIL

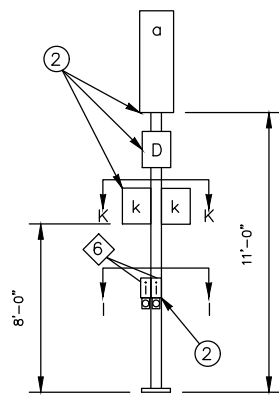
NOTE:

TYPE E MOUNTS SHALL BE USED FOR PEDESTRIAN DISPLAYS ON TYPE II OR III SIGNAL STANDARDS, WITH THE FOLLOWING EXCEPTION: PEDESTRIAN DISPLAYS MOUNTED ON OCTAGONAL (8 SIDED) SIGNAL STANDARDS AT AN ANGLE OTHER THAN A 45 DEGREE INCREMENT SHALL USE A TYPE A MOUNT FOR TWO PEDESTRIAN DISPLAYS, OR A TYPE B MOUNT FOR A SINGLE PEDESTRIAN DISPLAY.



TYPE PPB POST STANDARD

6 3' - 6" MEASURED FROM SIDEWALK SURFACE TO CENTER OF PEDESTRIAN PUSH BUTTON



TYPE I VEHICLE SIGNAL STANDARD

STANDARD TYPE	POLE	STANDARD PLAN REFERENCES			ELECTRICAL
		FOUNDATION STANDARD	CURB		
I	J-21.15	J-21.10	J-21.10	J-21.20	J-21.20
PPB/BREAKAWAY	J-20.15	J-20.15	J-20.15	J-20.15	J-20.15

NOTES

1 MOUNTING COUPLING INSTALLED AT OFFSET DISTANCE INDICATED IN CHART. FOR TYPE N MOUNTS ONLY, DRILL 1" DIA. HOLE IN MAST ARM AND INSTALL PLASTIC SPLIT BUSHING FOR CABLE ENTRANCE.

2 FIELD INSTALLED.

MAST ARM EQUIPMENT

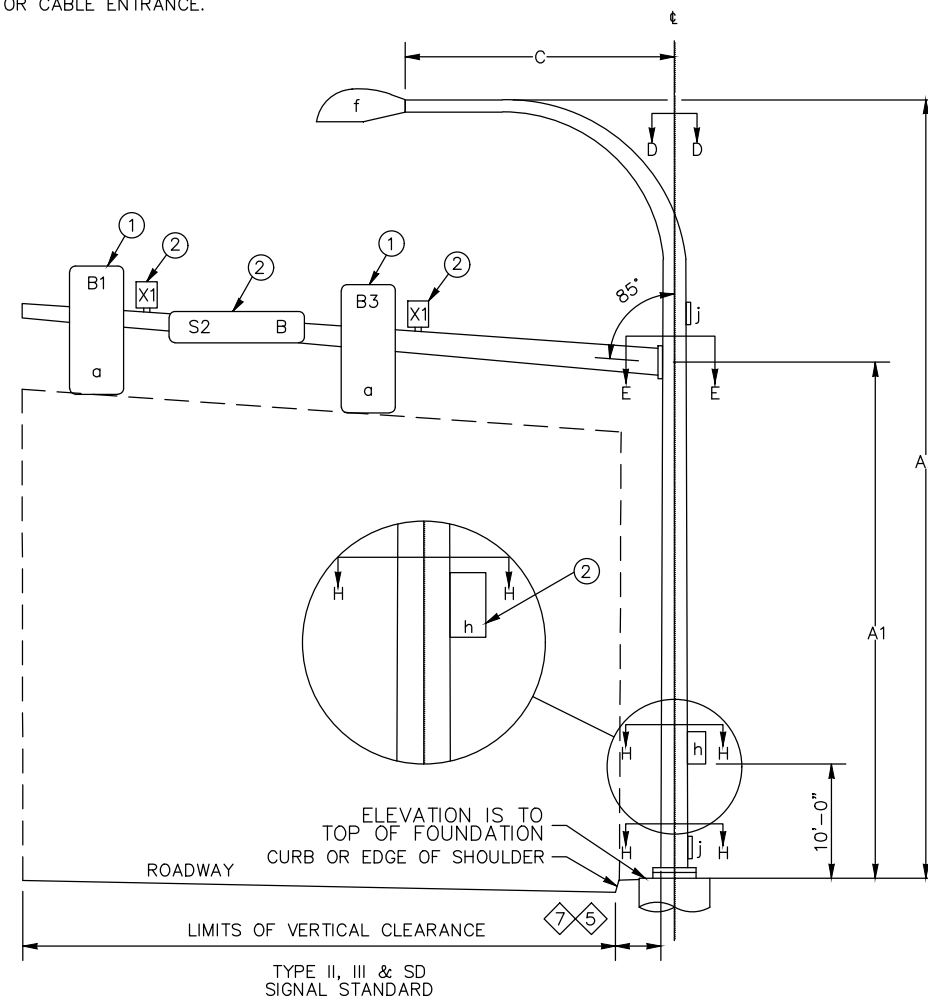
- B# VEHICLE DISPLAY
- S# MAST ARM SIGN
- SN MAST ARM STREET NAME SIGN
- X# PRE-EMPT, VIDEO, OR RADAR DETECTOR

LEGEND

- a. VEHICLE/BIKE DISPLAY
- b. MAST ARM MTD. SIGN
- c. NOT USED
- d. SIGN
- e. NOT USED
- f. LUMINAIRE
- g. PEDESTRIAN DISPLAY
- h. TERMINAL CABINET
- i. PEDESTRIAN/BIKE PUSH BUTTON
- j. HANDHOLE

5 PLACEMENT SHALL BE 2' - 0" MIN. FROM FACE OF CURB OR EDGE OF SHOULDER; 3' - 0" MIN. FROM FACE OF GUARDRAIL; 4' - 0" MIN. FROM CONC. BARRIER TYPE 2 (MEASURED FROM A POINT WHERE THE BARRIER BASE MEETS THE SHOULDER SURFACE (TOE), MEASUREMENT TAKEN FROM TRAFFIC SIDE OF BARRIER; TO FACE OF POLE)

7 DMS OR VMS IS NOT ALLOWED ON THESE POLES.



SIGNAL DISPLAY VERTICAL CLEARANCE TO ROADWAY

	MIN.		MAX.		
	ALL	40'	45'	50'	53' - 180'
HORIZONTAL DISTANCE FROM STOP LINE					
VEHICLE SIGNAL HEAD	16.5'	17.5'	19.2'	20.9'	22.0'
MEASURED FROM BOTTOM OF SIGNAL HEAD HOUSING TO ROADWAY					

SIGNAL STANDARD DETAIL CHART

STD. No.	FIELD LOCATION						POLE TYPE	MOUNTING HEIGHT (FT)		SIGNAL MAST ARM DATA										LUMINAIRE ARM (FT)	CALCULATED POLE XYZ (FT ³)	POLE ATTACHMENT POINT ANGLES (DEGREES)					FOUNDATION DESIGN XYZ (FT ³)	SOIL BEARING PRESSURE (PSF)	FOUNDATION DEPTH (FT)		REMARKS
										OFFSETS (FT) (Z) (POLE ϵ TO ATTACHMENT POINT)					WINDLOAD AREAS (FT ²) (X)(Y)							D	E1	H	I	K			3' RD.	3' SQ.	
	STATION	OFFSET	LT.	RT.	ELEV.*	P.O.A.		A1	A2	B1	X1	S2	B3	X1	B1	X1	S2	B3	X1												
1	9+07.2	44.5		X	137.71	0	III	19	35	30.4			26.6	22.4	18.0	9.2									900	1000	12'-0"	10'-0"			
2	8+64.1	41.7	X		137.31	0	III	19	35	37.1	33.9	30.8	26.9		9.2										1350	1000	13'-0"	11'-0"			
3	8+98.4	27.7		X	137.47		I																						NOTE 1		
4	8+69.5	32.2	X		137.40		I																						NOTE 1		
5	9+03.0	46.6		X	137.55		PPB																						NOTE 1		
6	8+66.3	48.2	X		137.26		PPB																						NOTE 1, INSTALL SQUARE FOUNDATION		

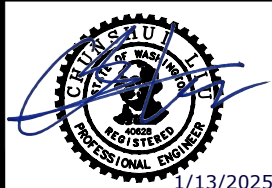
* ELEVATION SHALL MATCH TOP OF SIDEWALK, CURB, OR TRAIL SHOULDER FINISH GRADE AS APPLICABLE.
NOTE 1: FOR TYPE PS AND PPB POLES, P.O.A. ASSUMED TO BE DUE NORTH FOR 0 DEGREES.

** CALCULATED POLE XYZ (FT³) IS THE SUM OF THE TOTAL XYZ (FT³) FOR THE SIGNAL ARM AND THE XYZ (FT³) FOR THE LUMINAIRE ARM (IF PRESENT).

BID DOCUMENTS

CITY OF KIRKLAND
DEPARTMENT OF PUBLIC WORKS
123 FIFTH AVENUE KIRKLAND, WA 98033
(425) 587-3800 www.kirklandwa.gov

NO.	DATE	BY	APPR.	REVISION
AD1	1/13/25	TSC	JXL	UPDATE TO VEHICLE HEAD



DKS
719 Second Ave, Suite 1250
Seattle, WA 98104
(206) 382-9800
www.dksassociates.com

A. GUIAO	12-06-24
DESIGNED BY:	DATE
C. TOWER	12-06-24
DRAWN BY:	DATE
J. LIU	12-06-24
CHECKED BY:	DATE

CITY OF KIRKLAND
132ND AVE NE & SLATER AVE CROSSING
NE 124TH ST SLATER AVE CROSSING IMPROVEMENTS
TRAFFIC SIGNAL DETAILS

SHEET:	27 OF 33
SCALE:	NTS
FILENAME:	SG07