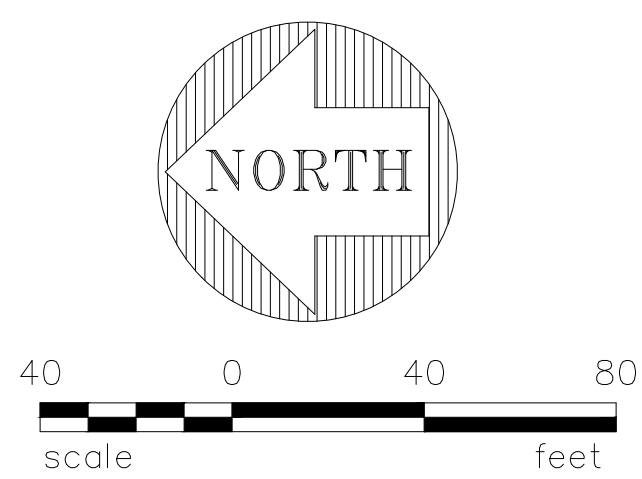
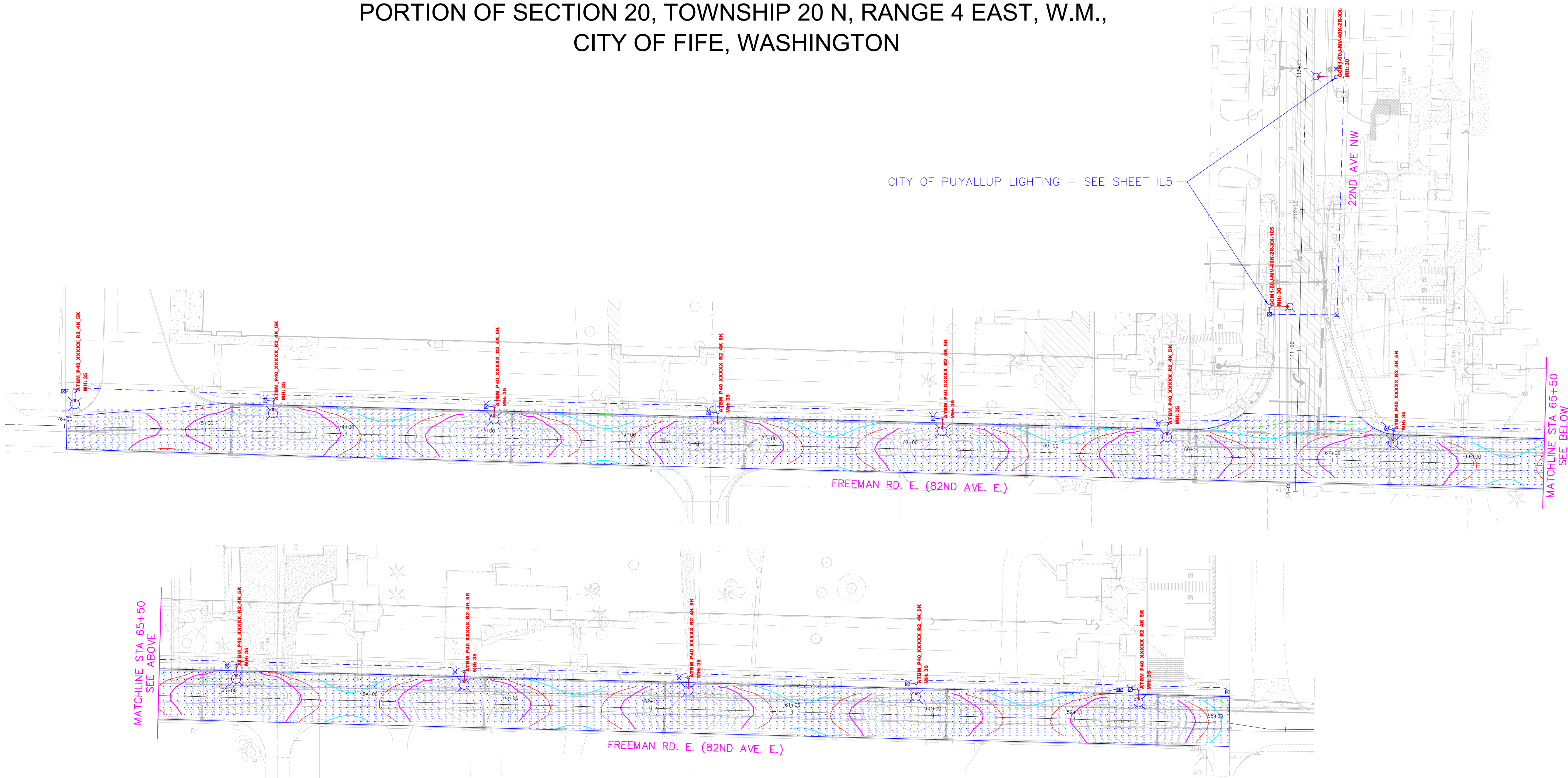


PORTION OF SECTION 20, TOWNSHIP 20 N, RANGE 4 EAST, W.M.,
CITY OF FIFE, WASHINGTON

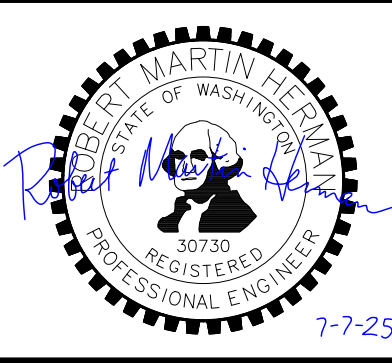


Luminaire Schedule							
Symbol	Qty	Label	LLF	Luminaire Lumens	Luminaire Watts	Mounting Height (ft.)	Description
	2	GCM1-60J-MV-40K-2R-XX-105	0.900	10395	65	30	30' MH 12' Arm (City of Puyallup)
	12	ATBM_P40_XXXXX_R2_4K_5K	0.900	17494	135	35	35' MH 6' Arm (City of Fife)

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Freeman Rd	Illuminance	Fc	1.42	3.36	0.44	3.23	7.64

DRAWN	RMH				
DESIGNED	RMH				
CHECKED	7/7/25 RMH				
PROJ. ENGR.					
DRAWING FILE	IL_rev1.DWG				
DATE		REVISION		BY	APP'D

FOR:
CRP/VDC FREEMAN LOGISTICS
OWNER, LLC
11411 NE 124th St., Suite 190
Kirkland, WA 98034



HTE
HERMAN TRAFFIC ENGINEERING, INC.

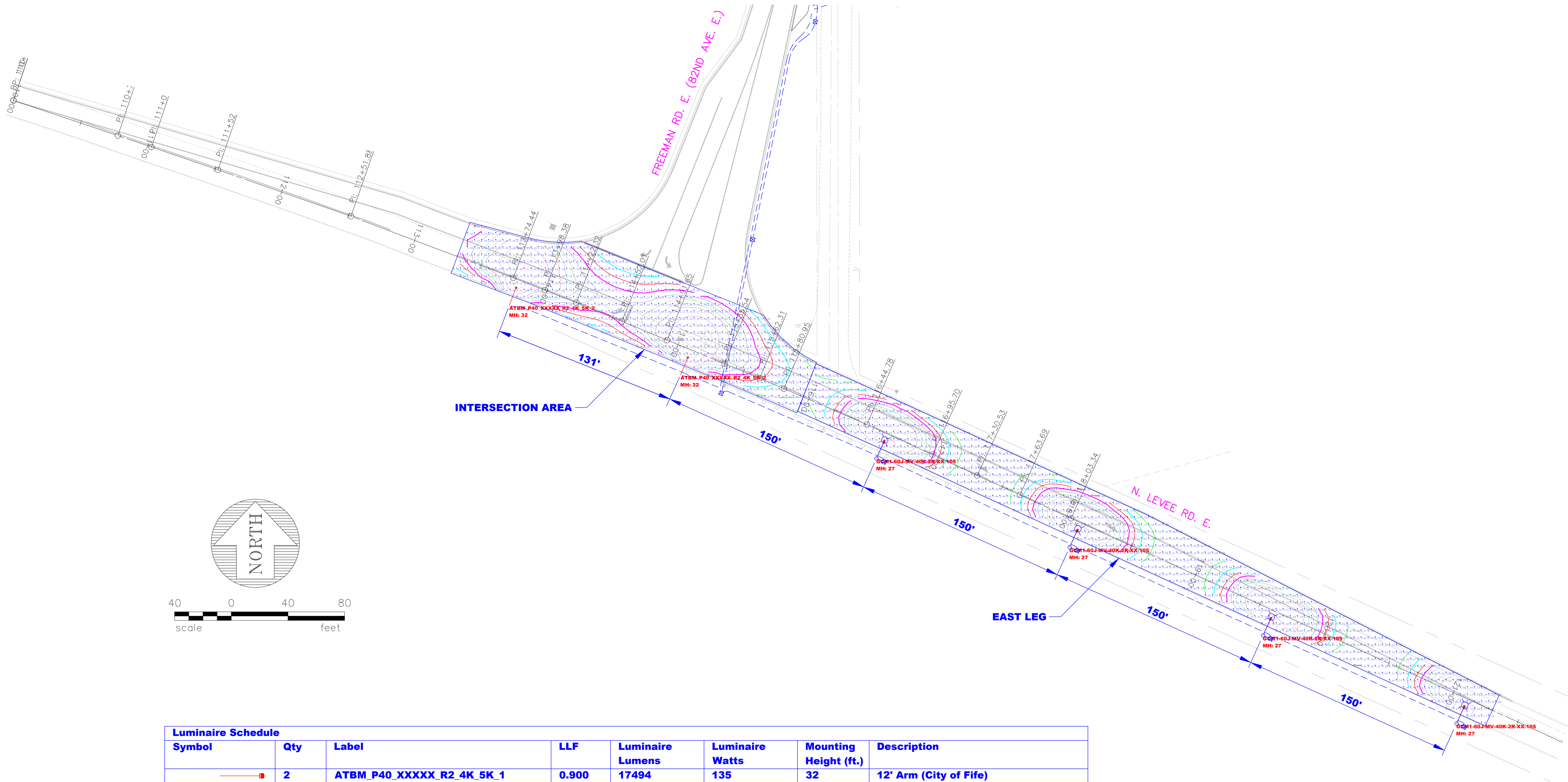
11215 Southeast 220th Place, Kent, Washington 98031
253-236-4941 tel. bob@hte-inc.com

FREEMAN LOGISTICS
CITY OF PUYALLUP/CITY OF FIFE

ILLUMINATION CALCULATIONS
FREEMAN RD. E.

ILC1
SHEET 1 OF 2 SHEETS

PORTION OF SECTION 20, TOWNSHIP 20 N, RANGE 4 EAST, W.M.,
CITY OF FIFE, WASHINGTON



Luminaire Schedule							
Symbol	Qty	Label	LLF	Luminaire Lumens	Luminaire Watts	Mounting Height (ft.)	Description
	2	ATBM_P40_XXXXX_R2_4K_5K_1	0.900	17494	135	32	12' Arm (City of Fife)
	4	GCM1-60J-MV-40K-2R-XX-105	0.900	10395	65	27	12' Arm (City of Puyallup)

Calculation Summary								
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	
Freeman Rd E at N Levee Rd E - Intersection Area	Illuminance	Fc	1.58	3.82	0.46	3.43	8.30	
Freeman Rd E at N Levee Rd E - East Leg	Illuminance	Fc	1.19	2.89	0.39	3.05	7.41	

DRAWN	RMH				
DESIGNED	RMH				
CHECKED	7/7/25 RMH				
PROJ. ENGR.					
DRAWING FILE	IL_rev1.DWG				
DATE	REVISION	BY	APP'D		

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Kirkland, WA 98034



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11215 Southeast 220th Place, Kent, Washington 98031
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FREEMAN LOGISTICS
CITY OF PUYALLUP/CITY OF FIFE
ILLUMINATION CALCULATIONS
FREEMAN RD. E./N. LEVEE RD. E.

ILC2
SHEET
2
OF
2
SHEETS