

BREAKER SCHEDULE					SAC 3819	
TYPE D SERVICE					120/240V	
CIRCUIT	DESCRIPTION	BREAKER RATING	CONTACTOR RATING	VOLTAGE	LOAD (KVA)	
—	MAIN	200 AMP	—	—	—	
A	ILLUMINATION A	20 AMP	30 AMP	240	2.0	
B	ILLUMINATION B	20 AMP	30 AMP	240	3.0	
C	ILLUMINATION C	30 AMP	30 AMP	240	X	
D	ILLUMINATION D	30 AMP	30 AMP	240	X	
E	ILLUMINATION E	30 AMP	30 AMP	240	X	
F	XFMR 009x100205	30 AMP	N/A	240	0.6	
G	009vc00225	30 AMP	N/A	120	0.6	
H	SIGNAL	50 AMP	N/A	120	X	
I	GFCI	20 AMP	N/A	120	1.8	
J	HEAT STRIP	15 AMP	N/A	120	0.1	
K	PHOTOCELL	15 AMP	N/A	120	0.001	
BUSWORK SHALL BE RATED AT 250 AMP MINIMUM				PEAK	8.101	
				CONTINUOUS	6.030	

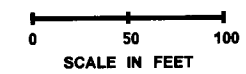
LUMINAIRE SCHEDULE				SERVICE NO. SAC 3819					
LUMINAIRE NUMBER	CIRCUIT	LOCATION		TYPE-DISTRIBUTION-WATTAGE	MAST ARM	H1	BASE TYPE	FOUNDATION TYPE	COMMENTS
		STATION	OFFSET						
1	A	L LINE STA. 35+02	46.0' LT	III - MED CUT OFF - 400 HPS	10	50	FIXED	A	
2	A	L LINE STA. 37+05	48.0' LT	III - MED CUT OFF - 400 HPS	10	50	FIXED	A	
3	A	L LINE STA. 38+85	51.0' LT	III - MED CUT OFF - 400 HPS	10	50	FIXED	A	
4	A	L LINE STA. 41+00	43.0' LT	III - MED CUT OFF - 400 HPS	10	50	FIXED	A	
5	B	L LINE STA. 43+22	40.0' RT	III - MED CUT OFF - 400 HPS	16	50	SLIP	A	
6	B	L LINE STA. 45+32	55.0' RT	III - MED CUT OFF - 400 HPS	16	50	SLIP	A	
7	B	L LINE STA. 47+00	48.0' RT	III - MED CUT OFF - 400 HPS	16	50	SLIP	A	
8	B	L LINE STA. 49+17	48.0' RT	III - MED CUT OFF - 400 HPS	16	50	SLIP	A	
9	B	L LINE STA. 51+15	47.0' RT	III - MED CUT OFF - 400 HPS	16	50	SLIP	A	
10	B	L LINE STA. 46+48	100.0' RT	III - MED CUT OFF - 250 HPS	16	40	FIXED	A	

WIRING SCHEDULE					SERVICE NO. SAC 3819	
NO.	CONDUIT SIZE	CONDUCTORS		CIRCUIT	COMMENTS	
		EXISTING	NEW			
1	1"		2-#8	A	ILLUMINATION	
2	2"		2-#8	A	ILLUMINATION	
3	1"		2-#8	B	ILLUMINATION	
4	2"		2-#8	B	ILLUMINATION	
5	2"	FUTURE USE				
6	2"		4-#8	A,B	ILLUMINATION	
			2-#8	G	ITS	
			2-#2	F	ITS	
7	2"		2-#8	A	ILLUMINATION	
			2-#8	G	ITS	
			2-#2	F	ITS	
8	2"		2-#8	A	ILLUMINATION	
			2-#2	F	ITS	
9	2"		2-#8	G	ITS	
10	3"		3-250 Kcmil		SERVICE LATERAL	

CONSTRUCTION NOTES:

- ① CONSTRUCT FOUNDATION AND INSTALL STEEL LIGHT STANDARD. USE J-28 SERIES STANDARD PLANS AND LUMINAIRE SCHEDULE ON THIS SHEET.
- ② CONSTRUCT FOUNDATION AND INSTALL A TYPE "D" SERVICE CABINET IN ACCORDANCE WITH STANDARD PLAN J-3c. COORDINATE POWER CONNECTION WITH THE UTILITY COMPANY THROUGH THE ENGINEER. FOR ITS CABINETS AND CONDUITS INCLUDED IN FOUNDATION LAYOUT SEE ITS PLAN SHEET ITD22.
- ③ SEE ITS PLANS FOR CONTINUATION OF POWER CIRCUIT.
- ④ INSTALL CONDUIT TO UTILITY PEDESTAL. PROVIDE ADDITIONAL CONDUIT AND CONDUCTORS FOR UTILITY IN ACCORDANCE WITH THEIR REQUIREMENTS. COORDINATE POWER CONNECTION WITH THE UTILITY COMPANY THROUGH THE ENGINEER.
- ⑤ INSTALL CONDUIT USING DIRECTIONAL BORING METHOD. COORDINATE/COMBINE BORING WITH ITS.
- ⑥ COORDINATE CONDUIT INSTALLATION WITH BARRIER INSTALLATION.

NOTE:
FOR LEGEND SEE SHEET IL1



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FILE NAME: T:\14124\ELECTRICAL\Projects\SR009\XL2209\2209ELSH.dgn TIME: 8:04:11 AM DATE: 4/4/2011 PLOTTED BY: trinha DESIGNED BY: B. NARIMATSU ENTERED BY: H. TRINH CHECKED BY: A. MOSTOWFY PROJ. ENGR.: S. SHAKLAWUN REGIONAL ADM.: L. ENG				REGION NO.: 10 STATE: WASH JOB NUMBER: 10A046 CONTRACT NO.:	FED.AID PROJ.NO.: LOCATION NO.:				SR 9 212TH ST SE TO 176TH ST SE STAGE 3 WIDENING ILLUMINATION PLAN	Plot 32 IL3 SHEET 408 OF 553 SHEETS
REVISION DATE BY										