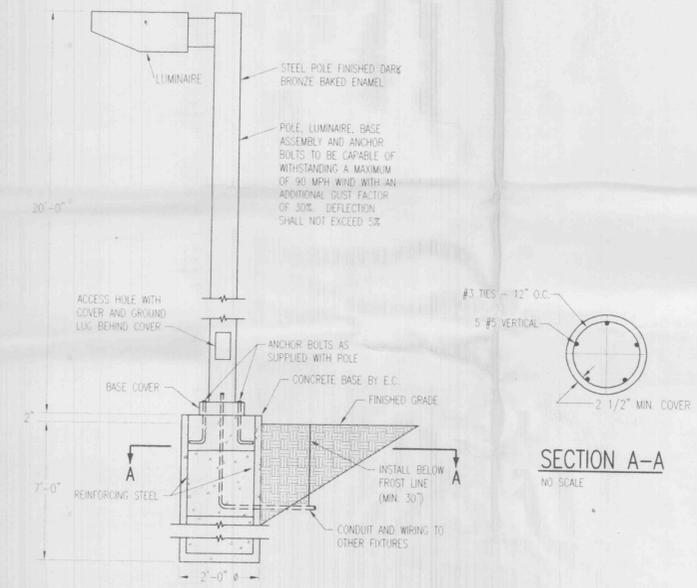
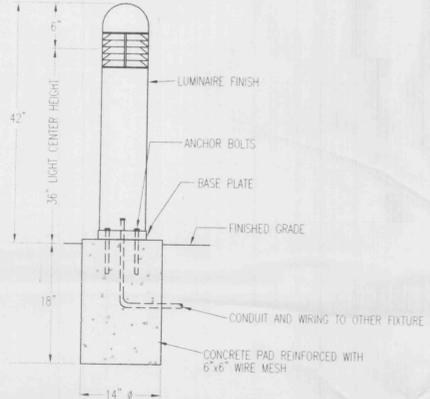


ONE LINE DIAGRAM
NO SCALE

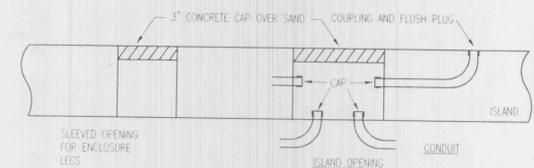


SECTION A-A
NO SCALE

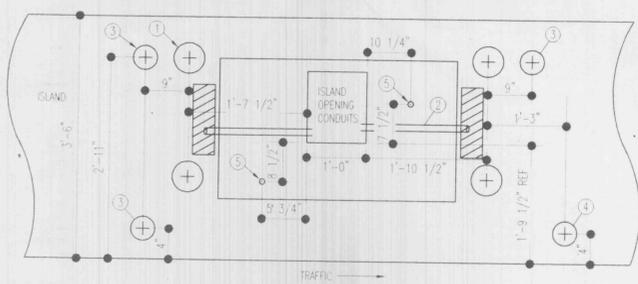
LIGHTING STANDARD DETAIL
NO SCALE



BOLLARD DETAIL
NO SCALE



TREATMENT OF OPENINGS FOR FUTURE ATM



DRIVE-UP TELLER DETAILS
NO SCALE

- NOTES**
1. 8" COVERED OR PVC SLEEVED OPENING (4) FOR ENCLOSURE FRAME LEADS.
 2. 3/4" CONDUIT FROM ISLAND OPENING TO AND PART OF HATCHED AREA (2).
 3. 4" PIPE BOLLARD PROJECTING 1'-6" ABOVE ISLAND.
 4. 4" PIPE BOLLARD PROJECTING 2'-6" ABOVE ISLAND.
 5. DIEBOLT INSTALLED WEDGEBOIT THROUGH BOTTOM OF ATM DRILLED 8" DEEP INTO ISLAND. KEEP 3/4" CONDUIT AWAY.

ATM - PROVISIONS FOR NEW OR RETROFIT ENCLOSURE, PRESENT OR FUTURE

TYPE	DESCRIPTION	MANUFACTURER AND CATALOG NUMBER	VOLTS	MOUNTING (1)	LAMP DATA				NOTES
					QUAN	WATT	TYPE (2)	ORDERING CODE	
EA	SITE LIGHTING	SPAULDING LMI-M400P (1)77LMI-M320PS-IV	208	POLE	1	320	MH	MH400/U	20 RSP A/B
EB	42" BOLLARD	KIM VRB1-100MH (1)76 VRB1-100MH	120	BOLLARD	1	100	MH	MH100/ED17/C/MED	
EC	LANE OPEN / CLOSED LIGHT FIXTURE	ALCOO #107	120	S	2	40	I	S11-40W	WRINKLED FINISHED
ED	CANOPY LIGHTING FIXTURE	PRESCOLITE #1391M-175MHEE-MB	120	R	1	175	MH	MH175/U/C	
EE	GROUND MOUNTED UP-LIGHT	HYDREL #M9410A-MH70/120-60/MFL/34B/CSARGA	120	E	1	70	MH	MH70/U	
RA	2x2 FLUORESCENT FIXTURE	WILLIAMS #UG-22-23100CW-33S-120	120	R	2	32	F	F40WW/U/WM	LAY-IN
RB	MR16 DOWNLIGHT	EUREKA #E1003-MR16-FRO	120	R	1	50	I	50W/MR16	
RC	COMPACT FLUORESCENT DOWNLIGHT	COOPER LTG. #C7132-1E-7151-L1-TRRB	120	R	1	32	CF	F32TBX/SPX35/4P	
RD	COMPACT FLUORESCENT DOWNLIGHT	COOPER LTG. #C9242-1E-9250-L1-HB26	120	R	2	42	CF	F42TBX/SPX35/4P	
RE	INCANDESCENT WALL WASHER	COOPER LTG. #HD6-6711-L1-TRR6	120	R	1	150	I	150W/A21	
RF	HID DOWNLIGHT	COOPER LTG. #M7600T-730-43600C	120	R	1	70	MH	MH70/U	
RG	COMPACT FLUORESCENT DOWNLIGHT	COOPER LTG. #C9232-ID-9250-L1-HB26	120	R	2	32	CF	F32TBX/SPX35/4P	DIMMING
PA	PENDANT INCANDESCENT	WINONA #3600-23-1-FA	120	P	4	60	I	60W/A19	
SA	CEILING SURFACE MOUNTED	METALUX #55232-120V-EB81	120	S	2	32	F	F40SP35/RS/WM	
UA	UNDERCOUNTER FLUORESCENT	METALUX #SNSM-132HRS-120-EB81	120	U	1	32	F	F40SP35/RS/WM	
WA	INCANDESCENT WALL MOUNTED	ARTEMIDE #ALEM521	120	W	2	75	I	75W/A19	
WB	INCANDESCENT WALL MOUNTED	FLODS LTG. (SCHROEDER)	120	W	1	100	I	100W/A19	
WC	QUARTZ WALL MOUNTED	LEUCOS (LAWALL)	120	W	1	50	QUARTZ		
WD	BRACKET MOUNTED HID	BEGA #3272 MH	120	W	1	100	MH	MH100/U	
WE	ENTRY FIXTURE	ELLIPTIPAR #M452-150G-W-06-A-OSN06-D	120	W	1	150	MH	MH150/U	12"-2" A.F.F.
XA	EXIT LIGHT	SURE LITE #ELX-7170-WH-R-C	120	R	FWF	FWF	FWF		

(1) MOUNTING
R - RECESSED
S - SURFACE
E - EXTERIOR
W - WALL
P - PENDANT
UC - UNDER CABINET/DESK

(2) LAMP TYPE
F - FLUORESCENT
CF - COMPACT FLUORESCENT
I - INCANDESCENT
MH - METAL HALIDE
HPS - HIGH PRESSURE SODIUM
FWF - FURNISHED WITH FIXTURE

MAIN 400A/3P MLD VOLTAGE 208/120V-3PHASE-4WIRE													
LOAD DESCRIPTION	LOAD TYPE			SECTION 1			SECTION 2			C.B. RATINGS 22,000 ACI			
	LTG (KW)	PWR (KVA)	MECH (KVA)	A	P	NO	A	P	NO	LTG (KW)	PWR (KVA)	MECH (KVA)	
RM #124, 125	1.0			20	1	3	20	1	20	0.4			RM #125
RM #125	0.6			20	1	3	4	1	20	0.4			RM #125
RM #103, 105	1.1			20	1	5	6	1	20	0.8			RM #111
EXIT / EMERGENCY LIGHTING				20	1	7	8	1	20	0.8			RM #111
RM #115, 117, 118, 120	0.8			20	1	9	10	1	20	0.6			RM #117,118,120
RM #121, 122	1.3			20	1	11	12	1	20	1.0			RM #112
RM #123	0.7			20	1	13	14	1	20	0.8			RM #112, 125
EXTERIOR SIGN	1.2			20	1	15	16	1	20	1.0			RM #117
FRONT ENTRY	0.8			20	1	17	18	1	20	1.0			RM #117
EXTERIOR SIGN	1.2			20	1	19	20	1	20	1.0			RM #117
EXTERIOR DRIVE THROUGH	1.4			20	1	21	22	1	20	1.0			RM #115 (COFFEE)
EXTERIOR DRIVE THROUGH	1.4			20	1	23	24	1	20	1.5			RM #115 (MICRO WAVE)
RM #106, 107	0.7			20	1	25	26	1	20	1.0			RM #115 (DISPOSAL)
RM #104	0.7			20	1	27	28	1	20	1.0			RM #115 (REFRIG.)
RM #101, 111	1.1			20	1	29	30	1	20	0.6			RM #111
RM #101, 102, 108	1.1			20	1	31	32	1	20	0.6			RM #112, 113, 114
RM #113, 114	0.5			20	1	33	34	1	20	1.0			RM #111 (WIREFOLD)
RM #111	0.7			20	1	35	36	1	20	1.0			RM #111 (WIREFOLD)
RM #				20	1	37	38	1	20	0.4			RM #111
RM #				20	1	39	40	1	20	0.4			RM #111
LANE LIGHTS	0.2			20	1	41	42	1	20	0.4			RM #111
TOTAL CONNECTED	16.5	0.0	0.0							0.0	16.7	0.0	

MAIN 225A MLD VOLTAGE 208/120V-3PHASE-4WIRE													
LOAD DESCRIPTION	LOAD TYPE			SECTION 1			SECTION 2			C.B. RATINGS 22,000 ACI			
	LTG (KW)	PWR (KVA)	MECH (KVA)	A	P	NO	A	P	NO	LTG (KW)	PWR (KVA)	MECH (KVA)	
EXTERIOR SIGN	1.0			20	1	43	44	1	20	0.4			RM #111
EXTERIOR SIGN	1.0			20	1	45	46	1	20	0.4			RM #111
BLOWERS	1.5			20	1	47	48	1	20	0.4			RM #111
BLOWERS	1.5			20	1	49	50	1	20	1.0			RM #111
BLOWERS	1.5			20	1	51	52	1	20	1.0			RM #111
BLOWERS	1.5			20	1	53	54	1	20	1.0			RM #111
SITE LIGHTING (POLE)				30	3	55	56	1	20	1.0			RM #109, 110
SITE LIGHTING (POLE)						57	58	1	20	0.8			RM #105, 110
SITE LIGHTING (POLE)						59	60	1	20	0.8			RM #106, 107
SITE LIGHTING (BOLLARD)	0.8			20	1	61	62	1	20	1.0			RM #100, 103, 125
SITE LIGHTING (BOLLARD)	0.8			20	1	63	64	1	20	1.0			RM #104
SITE LIGHTING (BOLLARD)	0.6			20	1	65	66	1	20	1.0			RM #105, 108, EXTERIOR
SITE LIGHTING (ON GROUND)	0.8			20	1	67	68	1	20	1.2			RM #103, 125
SITE LIGHTING (ON GROUND)	1.0			20	1	69	70	1	20	0.8			RM #104, 105
DRIVE UP TELLER	1.5			20	1	71	72	1	20	0.8			RM #121, 125
DRIVE UP TELLER	1.5			20	1	73	74	1	20	0.8			RM #123
DRIVE UP TELLER	1.5			20	1	75	76	1	20	0.8			RM #121, 123
DISHWASHER	1.0			20	1	77	78	1	20	0.8			RM #123, EXTERIOR
ROOF RECEPTACLES	0.4			20	1	79	80	1	20	0.8			RM #123, 124, 125
DRIVE UP TELLER	1.5			20	1	81	82	1	20	1.0			RM #123
ATM EXTERIOR	1.0			20	1	83	84	1	20	1.0			ATM EXTERIOR
TOTAL CONNECTED	6.0	5.4	13.0							0.0	13.8	4.0	

LOAD CALCULATIONS (KVA):
LIGHTING 25.0 1.0 25.0 DEMAND KVA 61.3
PWR<10KVA 10.0 1.0 10.0 SPARE @ 25% 15.3
PWR>10KVA 21.9 0.5 11.0 TOTAL DEMAND LOAD + SPARE 76.6
MECH / MISC. EQ. 17.0 0.9 15.3
CONNECTED KVA-----73.9
DEMAND KVA-----61.3

76.6 KVA x 1000
208 VAC x 1.73 = 12.8 AMP

MAIN 225A MLD VOLTAGE 208/120V-3PHASE-4WIRE													
LOAD DESCRIPTION	LOAD TYPE			SECTION 1			SECTION 2			C.B. RATINGS 22,000 ACI			
	LTG (KW)	PWR (KVA)	MECH (KVA)	A	P	NO	A	P	NO	LTG (KW)	PWR (KVA)	MECH (KVA)	
VAULT (RAD. HEATERS)				15	20	1	1	A	2	1	20		0.5 IRRIGATION SYSTEM
EHT1 RM #114	1.0			20	1	3	B	4	1	20			0.5 TOWER CLOCK
EHT2 RM #113	1.0			20	1	5	C	6	1	20			SPARE
EF1	0.2			20	1	7	A	8	1	20			SPARE
EWHT1	1.5			20	1	9	B	10	1	20			SPARE
EWHT2	0.5			20	1	11	C	12	1	20			SPARE
SPARE				20	1	13	A	14	1	20			SPARE
SPARE				20	1	15	B	16	1	20			SPARE
SPARE				20	1	17	C	18	1	20			SPARE
SPARE				20	1	19	A	20	1	20			SPARE
SPARE				20	1	21	B	22	1	20			SPARE
SPARE				20	1	23	C	24	1	20			SPARE
SPARE				20	1	25	A	26	1	20			SPARE
SPARE				20	1	27	B	28	1	20			BLANK
SPARE				20	1	29	C	30	1	20			BLANK
SPARE				20	1	31	A	32	1	20			BLANK
SPARE				20	1	33	B	34	1	20			BLANK
SPARE				20	1	35	C	36	1	20			