SYMBOL LEGEND

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	SYMBOL	DESCRIPTION	MODEL		CABLE	BACKBOX	
	CR WALL MOUNT CARD READER, MOUNT AT 3'-2" TO CENTER		HID 40NKS-02-000000		a1	SINGLE GANG	
	CRL	WALL MOUNT CARD READER	PROVIDED BY	LANDLORD	BY LANDLORD	BY LANDLORD	
	CR Q	TURNSTILE Q = EMBEDDED BARCODE READER CR = TURNSTILE CARD READER	- QSCANT ESSEX ELEC.	QSCANT-0G0-ASA IRXPT-0MX0	3E,N,P R R	TURNSTILE	
	DC	RECESSED DOOR CONTACT	GRI	180-12-W	a3 = CR DOOR or C = MONITORED	-	
	DC	DOOR CONTACT INTERFACE	SUPPLIED BY	LANDLORD	С	-	
	$\mathbb{R} \mathbb{X}^{\mathbb{W}}$	REQUEST TO EXIT MOTION DETECTOR SINGLE GANG MOUNTING PLATE W = WHITE	KANTECH	T.REX-LT-NL T.REX-PLATE	a2	SINGLE GANG - HORIZONTALLY	
	RX	REQUEST TO EXIT MOTION DETECTOR SINGLE GANG MOUNTING PLATE BLACK	KANTECH	T.REX-XLBLK T.REX-PLATE (PAINT BLK)	a2	SINGLE GANG - HORIZONTALLY	
_	ML ¹	SINGLE ELECTROMAGNETIC LOCK WITH INTEGRATED DOOR CONTACT	PROVIDED BY	DOOR HARDWARE	a3,a4	-	
	ML _{DE}	DOUBLE ELECTROMAGNETIC LOCK WITH INTEGRATED DOOR CONTACT DE = DELAYED EGRESS	PROVIDED BY	DOOR HARDWARE	a3,a4	-	
	ELRX	ELECTRIC LOCK WITH INTEGRATED REQUEST TO EXIT	PROVIDED BY	DOOR HARDWARE	a2,a4	-	
	EPRX	ELECTRIC PANIC DEVICE WITH INTEGRATED REQUEST TO EXIT	PROVIDED BY	DOOR HARDWARE	a2,a4	-	
	EB	PUSH TO EXIT BUTTON, MOUNT AT 3'-2" TO CENTER	ALLEGION	631-AL-EX-DA-630	D TO ACP B TO MAGLOCK	SINGLE GANG	
	LD	LOCKDOWN BUTTON, MOUNT BELOW COUNTERTOP	HONEYWELL	270R	В	SINGLE GANG	
	РВХ	PANIC BUTTON, MOUNT BELOW COUNTERTOP X = DEVICE NUMBER	USP	HUB2SDB	В	UNDER DESK	
	# DR	DOOR RELEASE, 1 BUTTON WALL MOUNT #2 = 2 BUTTON CONSOLE, MOUNT BELOW COUNTERTOP #4 = 4 BUTTON CONSOLE, MOUNT BELOW COUNTERTOP	ALLEGION DORTRONICS DORTRONICS		D E E	WALL MOUNT DESK MOUNT DESK MOUNT	
	AR	ASSISTANCE REQUIRED CALL BUTTON, MT AT 3'-2" TO CENTER	ENG. ELEC.		С	SINGLE GANG	
	CAR	ASSISTANCE REQUIRED ANNUNCIATOR	ENG. ELEC.	900-275	2E	3 GANG BOX	
	VI	VIDEO INTERCOM DOOR STATION / RECESSED BOX, 3'-2" CENTER DOOR STATION SECURITY RELAY TO INTERCOM STATION DOOR STATION SECURITY RELAY TO ACCESS PANEL	AXIS	I8016-LVE / TI8202 A9801	N C B	AXIS TI8202 RELAY IN J-BOX ABOVE DOOR -	
	VIM	VIDEO INTERCOM MASTER STATION	PROVIDED / IN	STALLED BY OWNER	-	-	
	ACW	ACCESS CONTROL WORKSTATION	PROVIDED / IN	STALLED BY OWNER	N 120VAC	-	
	ACP	ACCESS CONTROL PANEL	ALTRONIX	TROVE1M1, 2M2, or 3M3	N 120VAC	-	
	LPS	LOCK POWER SUPPLY	ALTRONIX	AL600ULACMCB	120VAC	-	
	AP	LANDLORD ACCESS PANEL	PROVIDED BY	LANDLORD	-	-	
	© _X	WALL/CEILING MOUNT MINI-BULLET CAMERA X = FLOOR-CAMERA NUMBER	AXIS	M2026-LE	N	SECURE TO WALL/CEILING	
	VCX	IP-COAX TRANSCEIVERS (PAIR)	AXIS	T8640	N	-	
	⊢© ^X	ELEVATOR CAB CAMERA CEILING MOUNT ELEVATOR CAMERA MAIN UNIT	AXIS	F1035-E F8235 F41	MANU. CABLE - N	SECURE TO CEILING - ELEVATOR CAB J-BOX	
	X M	12MP 360° CAMERA, PANORAMIC VIEW, IR ILLUMINATION X = FLOOR-CAMERA NUMBER	AXIS	M3058-PLVE	N	SINGLE GANG	
	→ C ×	12MP 360° CAMERA, PANORAMIC VIEW X = FLOOR-CAMERA NUMBER	AXIS	M3068-P	N	SINGLE GANG	
	\bigcirc_{A}^{X}	VARIFOCAL MINI DOME IR CAMERA, CEILING SURFACE X = FLOOR-CAMERA NUMBER	AXIS	M4206-LV	N	SECURE TO CEILING	
	⊢© ^X _G	VARIFOCAL MINI DOME IR CAMERA, WALL MOUNT SURFACE BOX X = FLOOR-CAMERA NUMBER	AXIS	M4206-LV TM3101	N	WALL MOUNT	
	\bigcirc^{H}_{X}	VARIFOCAL MINI DOME IR CAMERA, SURFACE MOUNT J-BOX ADAPTER PLATE X = FLOOR-CAMERA NUMBER	AXIS	M4206-LV T94C01M	N	SURFACE MOUNT	
	© F	VARIFOCAL MINI DOME IR CAMERA, CEILING MOUNT J-BOX ADAPTER PLATE X = FLOOR-CAMERA NUMBER	AXIS	M4206-V T94C01M	N	CEILING MOUNT	
	© ^X	VARIFOCAL MINI DOME IR CAMERA, RECESS MOUNT J-BOX ADAPTER PLATE X = FLOOR-CAMERA NUMBER	AXIS	M4206-V T94C01L	N	RECESS MOUNT	
	© X	5MP NETWORK CAMERA, SURFACE MOUNT X = FLOOR-CAMERA NUMBER	AXIS	P1447-LE	N	REVOLVING DOORS	
	$+\mathbb{C}_{\overline{B}}^{X}$	5MP NETWORK CAMERA, SURFACE WALL MOUNT CONDUIT BACK BOX X = FLOOR-CAMERA NUMBER	AXIS	P3247-LVE TP3603	N	SURFACE MOUNT	
	© X	2x2 MP DUAL SENSOR MULTIDIRECTIONAL, 360° IR X = FLOOR-CAMERA NUMBER	AXIS	P3715-PLVE	N	SINGLE GANG	
	→ C K	PANORAMIC 180° 8MP CAMERA, RECESS MOUNT X = FLOOR-CAMERA NUMBER	AXIS	P3807-PVE TQ3201E	N	RECESS MOUNT	
	VSW	VIDEO CONTROL WORKSTATION	PROVIDED / IN	STALLED BY OWNER	N 120VAC	-	
	NVR	NETWORK VIDEO SERVER/RECORDER, 8TB, RAID 5	LENEL-S2	VRX2000	2N 120VAC	-	

WIRE LEGEND

CABLE IDENTIFIER		CONDUCTORS	DEVICE TYPE	MAX. DISTANCE	PLENUM	NOMINAL DIAM.
	a1	3PR 22AWG, ST, SH (YEL)	CARD READER		WCW NJ446100	0.360 in
A	a2	4C 22AWG ST, SH (RED)	REQUEST-TO-EXIT	250'		
^ [a3	2C 22AWG ST, SH (GRN)	DOOR SWITCH/CONTACT	250		
	a4	4C 18AWG ST, SH (VIO)	DOOR LOCK POWER			
В	B 2C 22AWG TW, ST		ALARM CIRCUIT	250'	BELDEN 6500UE	0.130 in
С		4C 22AWG TW, ST	ALARM CIRCUITS	250'	BELDEN 6502UE	0.139 in.
D		2C 18AWG ST	POWER	500'	BELDEN 6300UE	0.154 in.
E		8C 22AWG TW, ST	ALARM CIRCUITS	250'	BELDEN 6506FE	0.190 in.
N	4PR 23AWG TW, SOLID, CAT6		NETWORK	300'	BELDEN 2413	0.225 in.
Р		2C 14AWG ST	POWER	250'	BELDEN 6100UE	0.210 in.
R	,	BPR 18AWG TW, ST, SH	CARD READER	250'	WCW 004391	0.163 in.
S	•	IPR 18AWG TW, ST, SH	DATA	500'	BELDEN 6300FE	0.162 in.
Z	ELE	VATOR TRAVELING CABLE		PROVIDED BY ELEVATOR CONTRACTOR		

STRUCTURETONE DOCUMENT CONTROL

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Johnson
Controls

100 LIGHTING WAY
SECAUCUS, NJ 07094

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tmtechnology
partners, IIC
consulting design project management

no exceptions taken
correct as noted
revise & resubmit
rejected
Not reviewed

SE-002

ACS, VSS, & ECS

SYMBOL LEGEND