N:\Projects\2014  A1  ABBREVIATIONS  1	IDS INTRUSION DETECTION  SYSTEM  IG ISOLATED GROUND  IMC INTERMEDIATE METAL  CONDUIT  IR INFRARED  KW KILO CIRCULAR MILS  KWA KILO VOLT-AMPS  LAN LOCAL AREA NETWORK  LC LIGHTING CONTACTOR  LTG LIGHTING CONTACTOR  LTG LIGHTING CONTROL PANEL  LTG LIGHTING HEIGHT  MCB MAIN CIRCUIT BREAKER  MH MOUNTING HEIGHT  MH MOUNTING HEIGHT	FACP FIRE ALARM CONTROL PANEL  FB FLOOR BOX  FLA FULL LOAD AMPS  FWE FURNISHED WITH EQUIPMENT  G, GND GROUND  GFCI GROUND FAULT CIRCUIT INTERRUPTER  GFP GROUND FAULT PROTECTION  HID HIGH INTENSITY DISCHARGE  HOA SWITCH  HP HORSEPOWER  HVAC HEATING, VENTILATION AND COOLING UNIT	COPPER CABINET I DIRECT C DIGITAL D DOWN DISHWAS DRAWING EXHAUST ELECTRIC ENERGY F ELECTRIC	BKBD BACKBOARD  C CONDUIT  CAT CATALOG, CATEGORY  CATV CABLE TV  CB CIRCUIT BREAKER  CCTV CLOSED CIRCUIT TELEVISION  CM CIRCULAR MILS  COMM COMMUNICATIONS  CU MECH CONDENSING UNIT		, I
2	TYP TYPICAL  UF UNDER FLOOR  UG UNDERGROUND  UH UNIT HEATER  UL UNDERWRITER'S LABORATORY  UNO UNLESS NOTED OTHERWISE  UPS UNINITERRUPTIBLE POWER  SUPPLY  V VOLTS  VFD VARIABLE FREQUENCY DRIVE  W WATT  WP WEATHERPROOF  WG WIREGUARD  XFMR TRANSFORMER  E EXISTING ITEM TO REMAIN  R REMOVE ITEM AND DISPOSE  OF PROPERLY  ER RELOCATION  RL REMOVE AND RELOCATE		NOT TO ON CE OCCUP OVERH POLE POLE PASSIN PANEL PANEL PART ( PART ( POLY-N POLY-N RECEF	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	, , , , , , , , , , , , , , , , , , , ,	
A3 SOUND SYSTEM  NO SCALE  3 4	LINEAR LIGHT REMOTE BALL BALLASTS  TYPICAL FOI  INDICATES LL LOWER CASE INDICATES CI  CEILING SPEAK WALL MOUNTE LOCAL SPEAKE CLOCK	F5 EMERGENCY LUMINAIRES  NO SCALE  LIGHT FIXTURE, RECESSED TROFFER, TYPICAL  RECESSED DOWNLIGHT  WALL MOUNTED LIGHT FIXTURE  CEILING SURFACE MOUNTED LIGHT FIXTURE  PENDANT MOUNTED LIGHT FIXTURE  LINEAR LIGHT FIXTURE	HATCHING INDICATES EMERGENCY LIGHTING FIXTURE CONNECTED TO LIFE SAFETY BRANCH  EXIT SIGN, CEILING MOUNTED, SHADING INDICATES FACE(S)  ARROWHEAD INDICATES CHEVRON(S) REQUIRED  EXIT SIGN, WALL MOUNTED, SHADING INDICATES FACE(S)  MOUNT AT 7-6"AFF OR OVER DOOR  NOTE:  ALL EXIT AND EMERGENCY EGRESS LIGHTING SHALL BE CONNECTED TO THE LIFE SAFETY BRANCH	A7 LIGHT SWITCHES	\$F HANDICAP SWITCHES FOR HOOD LIGHT AND FAN \$T TIMER SWITCH, 60 MINUTES \$LV LOW VOLTAGE LIGHT SWITCH, MOMENTARY CONTACT  LIGHTING TIME CLOCK  LIGHTING CONTACTOR  LIGHTING CONTROL PANEL  PO PHOTOCELL  NOTES:  1. MOUNT LIGHT SWITCHES WITH CENTERLINE 48" AFF, UNO 2. LOWER CASE LETTER AT SWITCH INDICATES SWITCHING	\$a LIGHT SWITCH, 20A,125/277V \$3 THREE-WAY LIGHT SWITCH \$4 FOUR-WAY LIGHT SWITCH \$2 TWO-POLE SWITCH \$k KEY OPERATED SWITCH \$m MOTOR RATED SWITCH \$p SINGLE POLE SWITCH WITH RED PILOT LIGHT ~ RED LIGHT SHALL GLOW WHEN CIRCUIT IS ENERGIZED \$a MULTI-GANGED SWITCHES, GANG UNDER ONE PLATE, \$b LETTER INDICATES SWITCHING \$os OCCUPANCY SENSOR SWITCH, WALL MOUNTED \$os2 2-BUTTON OCCUPANCY SENSOR SWITCH  ©S OCCUPANCY SENSOR, CEILING MOUNTED \$b 0-10V DIMMER SWITCH \$FD FLUORESCENT DIMMER SWITCH
A5 TECHNOLOGY 5 1 6	INOTES:  NOTES:  NOTE AND TELEPHONE CABLING - 1" CONDUIT TO SINGLE GANG BOXES, 11/4" CONDUIT TO DOUBLE GANG BOXES.  ALL DATA AND TELEPHONE CABLING SHALL BE ROUTED BACK TO CLOSEST IDF ROOM LOCATED ON SAME FLOOR.  NOTE  ALL WIRING METHODS SHALL BE  PLENUM RATED			D7 FIRE ALARM SYSTEM	*** MAGNETIC DOOR HOLD OPEN DEVICE  TRANSFORMER  BEAM SMOKE DETECTOR	FIRE ALARM CONTROL PANEL, MOUNT WITH TOP OF PANEL NOT  MORE THAN 72"AFF  SMOKE DETECTOR  SMOKE DETECTOR, "E" INDICATES CONNECTION FOR ELEVATOR  HEAT DETECTOR  HEAT DETECTOR  DUCT SMOKE DETECTOR  REMOTE TEST/INDICATOR FOR DUCT SMOKES, MOUNT ON CEILING BENEATH UNIT, OR WALL MOUNT WHERE INDICATED ON PLANS  FI  MANUAL PULL STATION, MOUNT 48" AFF  SPEAKER/STROBE NOTIFICATION APPLIANCE, CANDELA AS NOTED ON PLANS  STROBE ONLY NOTIFICATION APPLIANCE, CEILING MOUNTED, CANDELA AS NOTED ON PLANS
A7 SECURITY SYSTEM  NO SCALE 7 8	DOOR SWITCH  CEIL CHIME  SSI STROBE  STROBE  HORN  TRANSFORMER  AREA OF REFUGE MASTER STATION  CEILING MOUNTED CAMERA, PROVIDE (1) CAT 6 HORIZONTAL SHELDED PLENUM CABLE FROM NEAREST TEL CLOSET TO THIS LOCATION WITH 20' SERVICE LOOP AT DOOR AND RAMS CONVECTION AT CAMERA FUR AIT DOWNSTAND SHALL BE PROVIDED BY DIVISION 27. CAMERA FURNISHED AND INSTALLED BY OWNER.  NOTIES:  ALL SECURITY DEVICES SHALL BE PROVIDED BY OWNERS SECURITY CONTRACTOR, DIVISION 26 SHALL BE RESPONSIBLE FOR POWER, CONDUITS AND BACK BOXES AS REQUIRED.  DIVISION 27 SHALL PROVIDE ALL CABLING FOR SECURITY EQUIPMENT.	F3   RECEPTACLES   NO SCALE   NO SCALE	© DUPLEX RECEPTACLE ~ 20A, 125V, 2P, 3W, NEMA 5-20R  © DOUBLE DUPLEX RECEPTACLE  © DUPLEX RECEPTACLE, HATCH INDICATES CONNECTION TO XXX  © GFCI DUPLEX RECEPTACLE, MOUNT 44" AFF UNO  WP  © GFCI DOUBLE DUPLEX RECEPTACLE, MOUNT 44" AFF UNO  WP  © GFCI RECEPTACLE WITH WEATHERPROOF COVER  © GFCI RECEPTACLE IN WP ENCLOSURE ON ROOF  MULTI-OUTLET STRIP, PROVIDE OUTLETS 24" OC UNO, MOUNT  48" AFF UNO  1. MOUNT RECEPTACLES WITH CENTERLINE 18" AFF UNO  2. MOUNT EXTERIOR RECEPTACLES WITH CENTERLINE 24" AFG UNO	C9 FLOOR AND CEILING DEVICES	OVERHEAD RECEPTACLE DROP, DUPLEX  OVERHEAD RECEPTACLE DROP, DOUBLE DUPLEX  DOVERHEAD RECEPTACLE DROP, GFCI  EXISTING FLOOR BOX  F1 RECESSED FLOOR BOX - SEE SPEC  RECESSED FLOOR BOX WITH DOUBLE DUPLEX RECEPTACLE,  4 DATA AND 1 PHONE - SEE SPEC	DUPLEX RECEPTACLE, 20A, 125V, 2 MOUNT IN FLUSH FLOOR BOX  DOUBLE DUPLEX RECEPTACLE, 20A 20R, MOUNT IN FLUSH FLOOR BOX  JUNCTION BOX, MOUNT IN FLUSH F  EMPTY FLUSH FLOOR BOX  DUPLEX RECEPTACLE, PEDESTAL MOUNTI  SINGLE RECEPTACLE, FLUSH MOUNTI  DUPLEX RECEPTACLE, FLUSH MOUNTI  DOUBLE DUPLEX RECEPTACLE, FLUSH  DOUBLE DUPLEX GFCI RECEPTACLE  CEILING  DATA OUTLET, FLUSH MOUNTED IN FOR TYPE
A9 GENERAL NOTES  NO SCALE 9 10	THE LOCATION OF EQUIPMENT, OUTLETS, ETC. AS GIVEN ON THE DRAWINGS IS APPROXIMATE. IT SHALL BE UNDERSTOOD THAT THE LOCATIONS ARE SUBJECT TO MODIFICATION AS MAY BE FOUND NECESSARY OR DESIRABLE AT THE TIME OF INSTALLATION IN ORDET OF MEET PROJECT REQUIREMENTS. SUCH CHANGES SHALL BE MAWITHOUT EXTRA CHARGE.  COORDINATE ALL WORK WITH OTHER DIVISIONS AND THE OWNER. VERIFY EXACT POWER REQUIREMENTS OF EQUIPMENT PRIOR TO ROUGH IN  POWER WIRING FOR EQUIPMENT & CONTROL SHALL BE PERFORMEDIVISION 26. ALL CONTROL WIRING OPERATING AT LESS THAN 120 VOLTS FOR MECHANICAL EQUIPMENT SHALL BE BY DIVISION 23, UN NO WIRING THAT IS UNUSED OR BECOMES UNUSED AS PART OF THE PROJECT SHALL BE ABANDONIED IN PLACE.  PROVIDE A MAXIMUM OF 8 DUPLEX RECEPTACLES PER CIRCUIT AND MAXIMUM OF 12 AMPS PER LIGHTING CIRCUIT.	UIT WIRING NOT SHOWNTEMS TO CIRCUITS INDIVISIONS, DEVICES, BOXES, FID AS REQUIRED TO FACTOTHER DIVISIONS. THES ALL ITEMS TO BE REMOVALL ITEMS TO BE REFERENCES.	NO SCALE  SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY AND DO NOT NECESSARILY INDICATE THEIR INCORPORATION INTO THE DESIGN	FP POWER POLE P POWER POLE CG CHIME SYSTEMS FURNITURE WHIP DOOR OPERATOR BUTTON  E9 POWER DISTRIBUTION  NO SCALE	VARIABLE FREQUENCY DRIVE	PANELBOARD ~ SURFACE MOUNTED  PANELBOARD ~ FLUSH MOUNTED  □ PANELBOARD ~ FLUSH MOUNTED  □ PANELBOARD ~ FLUSH MOUNTED  □ NON-FUSED DISCONNECT SWITCH  00 ☑ MOTOR STARTER ~ NUMBER INDICATES NEWA SIZE  00 ☑ MECHANICAL PUMP  MOTOR OR FAN  METER AND CABINET  □ JUNCTION BOX ~ CEILING MOUNTED  JUNCTION BOX ~ PEDESTAL MOUNTED  JUNCTION BOX ~ PEDESTAL MOUNTED  TRANSFORMER ~ NUMBER INDICATES DESIGNATION SEE  TRANSFORMER SCHEDULE

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