

GENERAL ABBREVIATIONS

#	SINGLE POLE
1P	SINGLE PHASE
1P, 1φ	1 PHASE
4W	FOUR WIRE
A	AMP
AC	ALTERNATING CURRENT
AC	AWG
AC	AWG
AC	AWG
AF	ABOVE FINISH FLOOR
AJ	AUTOMATIC JUMPING CAPACITY
AJ	AUTOMATIC JUMPING CAPACITY
ANN	ANNUNCIATOR
ARCH	ARCHITECTURAL
ATM	AUTOMATIC TELLER MACHINE
ATM	AUTOMATIC TELLER MACHINE
AUX	AUXILIARY
AV	AUDIO VISUAL
B	BATTERY
BMS	BUILDING MANAGEMENT SYSTEM
BAT	BATTERY
BMS	BATTERY MANAGEMENT SYSTEM
C	CAND
C	CAND
CAV	CENTRAL AIR CONDITIONING
CR	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
CLG	CELLS
CLG	CELLS
CO	CARBON MONOXIDE
COAX	COAXIAL CABLE
COAX	COAXIAL CABLE
CPM	CENTRAL PROCESSING UNIT
CR	CONTROL RELAY
D	DIMMER CONTROL PANEL
DSP	DISCONNECT SWITCH
DIS	DISCONNECT SWITCH
DWG	DRAWING
E	ELECTRICAL CONTRACTOR
EC	ELEVATOR
ELEV	ELEVATOR
EM	EMERGENCY POWER OFF
EMC	ELECTRIC WATER COOLER
F	FIRE ALARM
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FL	FULL LOAD AMPS
FLA	FULL LOAD AMPS
FT	FEET
FUT	FUTURE
G	GALVANIZED
GEN	GENERAL CONTRACTOR
H	HAND-TO-TO
HP	HORSEPOWER
HPAC	HORSEPOWER
I	HERTZ
I	HERTZ
IBC	INTERNATIONAL BUILDING CODE
IC	INTERCEPTING CAPACITY
INCL	INCLUDED WITH EQUIPMENT
J	JUNCTION BOX
K	THOUSAND DOLLAR MILLS
KVA	KILO-VOLT AMPERE
KVA	KILO-VOLT AMPERE
KW	KILO-WATT

FIRE ALARM SYMBOLS

SYMBOL	DESCRIPTION
	FIRE ALARM PULL STATION MOUNT 1' OF DEVICE AT 4' AFF.
110d	FIRE ALARM HORN STROBE COMBINATION MOUNT BOTTOM OF DEVICE AT 5' AFF OR 6' BELOW CEILING, MINIMUM CIRCUIT AMPS
	FIRE ALARM HORN STROBE COMBINATION MOUNT BOTTOM OF DEVICE AT 5' AFF OR 6' BELOW CEILING, MINIMUM CIRCUIT AMPS
110sd	FIRE ALARM HORN STROBE COMBINATION MOUNT BOTTOM OF DEVICE AT 5' AFF OR 6' BELOW CEILING, MINIMUM CIRCUIT AMPS
	FIRE ALARM HEAT DETECTOR, FIXED TEMPERATURE TYPE, °15F INDICATES TEMPERATURE SETTING.
	FIRE ALARM HEAT DETECTOR, COMBINATION RATE OF RISE / FIXED TEMPERATURE, °15F INDICATES TEMPERATURE SETTING.
	FIRE ALARM SMOKE DETECTOR
	FIRE ALARM SMOKE DETECTOR
	FIRE ALARM SMOKE DETECTOR WITH AUXILIARY CONTACTS FOR CROSS ZONING (ELEV. LOBBY).
	FIRE ALARM SMOKE DETECTOR WITH RELAY BASE.
	MAGNETIC DOOR HOLDER.
	TAMPER SWITCH
	FLOW SWITCH.
	DUCT SMOKE DETECTOR REMOTE INDICATION/TEST STATION MOUNTED 6' AFF OR 6' BELOW FINISHED CEILING, WHICHEVER IS LOWER.

COMMUNICATION AND SIGNAL SYMBOLS

SYMBOL	DESCRIPTION
	TELEPHONE OUTLET, MOUNTED 18" AFF, 4" SQUARE BOX WITH SINGLE GANG PLASTER RING, 3/4" CONDUIT STUBBED UP 6' ABOVE CEILING AT 90 DEGREE ANGLE, TERMINATE WITH PLASTIC BUSHING.
	W/ INDICATES MOUNTED 5' AFF.
	C/ INDICATES MOUNTED 42" AFF OR 6' ABOVE COUNTER.
	DATA OUTLET, MOUNTED 18" AFF, 4" SQUARE BOX WITH SINGLE GANG PLASTER RING, 3/4" CONDUIT STUBBED UP 6' ABOVE CEILING AT 90 DEGREE ANGLE, TERMINATE WITH PLASTIC BUSHING.
	W/ INDICATES MOUNTED 5' AFF.
	C/ INDICATES MOUNTED 42" AFF OR 6' ABOVE COUNTER.
	COMBINATION DATA/TELEPHONE OUTLET, MOUNTED 18" AFF, 4" SQUARE BOX WITH SINGLE GANG PLASTER RING, 3/4" CONDUIT STUBBED UP 6' ABOVE CEILING AT 90 DEGREE ANGLE, TERMINATE WITH PLASTIC BUSHING.
	W/ INDICATES MOUNTED 5' AFF.
	C/ INDICATES MOUNTED 42" AFF OR 6' ABOVE COUNTER.

SOUND SYMBOLS

SYMBOL	DESCRIPTION
	COMBINATION CLOCK/SPEAKER UNIT, FLUSH WALL MOUNTED.
	CEILING MOUNTED SPEAKER
	SPEAKER, FLUSH WALL MOUNTED.
	LOUDSPEAKER, SURFACE WALL MOUNTED.
	MICROPHONE OUTLET, W/ INDICATES WALL MOUNTED.
	AMPLIFIER
	VOLUME CONTROL, MOUNTED AT 48" AFF, UNLESS OTHERWISE NOTED.

SECURITY SYMBOLS

SYMBOL	DESCRIPTION
	SECURITY MOTION DETECTOR (CEILING MOUNTED RADIAL TYPE).
	SECURITY MOTION DETECTOR (WALL MOUNTED DIRECTIONAL TYPE).
	DOOR SECURITY SWITCH.
	KEY PAD.
	CARD KEY ACCESS READER.
	DOOR LOCK (ELECTRIC STRIKE).
	SIREN.
	CLOSED CIRCUIT TV CAMERA.

SWITCHING DESIGNATIONS

SYMBOL	DESCRIPTION
	SINGLE POLE SWITCH MOUNTED 4'-0" AFF.
	TWO POLE SWITCH MOUNTED 4'-0" AFF.
	THREE WAY SWITCH MOUNTED 4'-0" AFF.
	FOUR WAY SWITCH MOUNTED 4'-0" AFF.
	SINGLE POLE SWITCH - KEY OPERATED - MOUNTED 4'-0" AFF.
	SINGLE POLE SWITCH AND PILOT LIGHT MOUNTED 4'-0" AFF.
	MOTOR RATED SWITCH WITH THERMAL OVERLOAD PROTECTION.
	WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR LIGHT SWITCH, MOUNTED 4'-0" AFF.
	CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR.

MOUNTING NOTES

- INSTALL ALL ELECTRICAL DEVICES IN THE LOCATIONS IDENTIFIED OR DIMENSIONED ON ARCHITECTURAL PLANS, DETAILS, OR ELEVATIONS. IF DEVICE LOCATION IS NOT SPECIFICALLY SHOWN ON ARCHITECTURAL DRAWINGS, FOLLOW THE GUIDELINES LISTED BELOW.
- INSTALL NEARBY DEVICES ON ONE COMMON VERTICAL CENTERLINE.
- INSTALL ADJACENT TO DEVICES LINED UP WITH A COMMON BOTTOM LINE.
- INSTALL DEVICES AT INDICATED HEIGHT AS APPLICABLE UNLESS OTHERWISE INDICATED. ALL MOUNTING HEIGHTS SHALL BE MEASURED FROM FINISHED FLOOR TO CENTERLINE OF DEVICE EXCEPT AS INDICATED BY NOTE 7.
- ON MASONRY WALLS LINE UP THE BOTTOM OF THE DEVICE WITH A MASONRY JOINT AS CLOSE TO INDICATED HEIGHT AS PRACTICAL.
- INSTALL DEVICES IN SAME AREA AT THE SAME HEIGHT.
- MOUNT PANELS SIX FEET TO THE TOP OF THE PANEL OR ANNUNCIATOR/FKA GRAPHIC.
- MOUNT AT FEET TO BOTTOM FOR STORAGE, EMERGENCY LIGHTING, CLOCKS, SECURITY SENSORS, WALL MOUNTED OCCUPANCY SENSORS ADAPTED AS FOLLOWS: 4" FROM TOP OF DEVICE TO CEILING, 4" ABOVE DOOR FRAMES.
- LOCATE CONTROL DEVICES AT LEAST 18" FROM AN INSIDE CORNER.
- SUPPORT ALL WORK FROM THE BUILDING STRUCTURE.
- ELECTRICAL WORK SHALL BE INSTALLED CONCEALED IN FINISHED AREAS RECESSED INTO WALLS OR INSTALLED ABOVE HUNG CEILINGS UNLESS OTHERWISE INDICATED.
- DO NOT INSTALL OUTLETS BACK TO BACK. PROVIDE 24 INCH SPACING IN FIRE RATED WALLS.
- PROVIDE ELECTRICAL OUTLET PLATE GASKETS/SEALS AT RECEPTACLES, SWITCHES AND OTHER ELECTRICAL BOXES ON EXTERIOR WALLS AND INTERIOR WALLS BETWEEN CONDITIONED AND NON-CONDITIONED SPACES.

PANEL BOARDS AND TERMINAL CABINETS

SYMBOL	DESCRIPTION
	SURFACE MOUNTED 120/208 VOLT PANELBOARD 6' AFF TO TOP, (FLUSH MOUNTED).
	SURFACE MOUNTED 27/480 VOLT PANELBOARD 6' AFF TO TOP, (FLUSH MOUNTED).
	SURFACE MOUNTED CONTROL PANEL 6' AFF TO TOP, (FLUSH MOUNTED).
	SURFACE MOUNTED 120/208 MAIN DISTRIBUTION BOARD
	SURFACE MOUNTED 27/480 MAIN DISTRIBUTION BOARD
	METER
	PLYWOOD BACKBOARD
	DRY TYPE TRANSFORMER, RATING AS INDICATED ON SCHEMATIC REWER DIAGRAM

MOTORS, EQUIPMENT, AND CONTROLS

SYMBOL	DESCRIPTION
	MOTOR, NUMERAL INDICATES HORSEPOWER.
	NON-FUSED DISCONNECT SWITCH, 3 POLE, 30 AMP, UNLESS OTHERWISE NOTED.
	FUSED 3 POLE DISCONNECT SWITCH, 30A DENOTES SWITCH SIZE, 20A DENOTES FUSE SIZE.
	COMBINATION STARTER/NON-FUSED DISCONNECT SWITCH, 3 POLE, 30 AMP SWITCH, WITH NEMA SIZE 1 STARTER UNLESS OTHERWISE NOTED. (WITH FUSED DISCONNECT SWITCH).
	MAGNETIC MOTOR STARTER.
	PUSHBUTTON CONTROL STATION, FUNCTION AS INDICATED ON PLAN.
	TIME CLOCK, REFER TO SPECIFICATIONS.
	CONTACTOR, REFER TO SPECIFICATIONS.
	MOTORIZED DAMPER.
	RELAY
	EMERGENCY POWER OFF MUSHROOM TYPE PUSHBUTTON PROVIDED WITH FULL ALUMINUM GUARD, MOUNTED AT 54" AFF, UNLESS OTHERWISE NOTED.

RECEPTACLE SYMBOLS

SYMBOL	DESCRIPTION
	DUPLEX RECEPTACLE - GROUNDING TYPE - MOUNTED 18" AFF UNLESS OTHERWISE INDICATED, NUMERAL INDICATES CIRCUIT NUMBER.
	DUPLEX RECEPTACLE - GROUNDING TYPE - 3PFT INDICATES GROUND FAULT INTERRUPTING TYPE - MOUNTED 42" AFF OR 6' ABOVE COUNTER TOP OR BACK SPUSH WHERE EXISTENT.
	DOUBLE DUPLEX RECEPTACLE - GROUNDING TYPE - MOUNTED AT 19" AFF UNLESS OTHERWISE INDICATED.
	SPECIAL PURPOSE RECEPTACLE - "X" INDICATES TYPE AS SHOWN ON DRAWINGS OR IN SPECIFICATIONS.
	POWER POLE, REFER TO SPECIFICATIONS AND DRAWINGS FOR RECEPTACLE CONFIGURATION.
	PLUG/ROD STRIP WITH GROUNDING RECEPTACLES. SEE SPECIFICATIONS.
	JUNCTION BOX.

CONDUIT AND WIRE SYMBOLS

SYMBOL	DESCRIPTION
	HOMERUN TO PANELBOARD "A", CIRCUIT NUMBERS 1-16, DIAGONAL LINES INDICATE NUMBER OF PHASE AND NEUTRAL WIRES, NO DIAGONAL LINES INDICATES 12C, 3P/1 & 4P/2 GND, UNLESS OTHERWISE NOTED.
	RACEWAY CONCEALED IN CEILING OR WALLS, OR EXPOSED IN UNFINISHED AREAS.
	RACEWAY CONCEALED IN FLOOR SLAB.
	FLEXIBLE RACEWAY, SIZE AS REQUIRED.
	CONDUIT UP.
	CONDUIT DOWN.
	EXPLOSION PROOF SEAL ON CONDUIT RUN.

PROJECT NOTES

- THE SCOPE OF WORK SHALL INCLUDE PROVIDING ALL WORK INDICATED UNLESS OTHERWISE SPECIFICALLY INDICATED AS EXISTING OR WORK BY OTHERS, AND COORDINATION WITH ALL TRADES SEPARATE FROM THE CONTRACT DOCUMENTS INCLUDING THE DRAWINGS AND THE SPECIFICATIONS, WHICH ARE CONSIDERED PART OF THE CONTRACT DOCUMENTS. WORK SPECIFICALLY INDICATED AS EXISTING OR WORK BY OTHERS IN GENERAL, WORK REQUIREMENTS ARE NOT INDICATED IN BOTH DOCUMENTS WHERE DOCUMENTS CONFLICT WITH THEMSELVES OR WITH CODES AND REGULATIONS, PROVIDE THE HIGHER QUANTITY AND QUALITY AND FOLLOW THE STRICTER REQUIREMENTS.
- WORK AT ALUMINUM SHALL BE IN ACCORDANCE WITH OSHA, NFPA STANDARDS, THE ELECTRICAL CODE AND THE LOCAL GOVERNING AUTHORITIES. THE DRAWINGS AND SPECIFICATIONS DO NOT ATTEMPT TO INDICATE ALL WORK REQUIRED BY CODE AND AUTHORITIES. DO NOT INSTALL WORK THAT DOES NOT MEET THE MINIMUM REQUIREMENTS. IF NECESSARY, REQUEST CLARIFICATION FROM ARCHITECT BEFORE PROCEEDING.
- IT IS THE INTENT OF THESE PLANS AND SPECIFICATIONS TO PROVIDE A WORKING INSTALLATION IN EVERY DETAIL, AND ALL ITEMS REQUIRED FOR SUCH AN INSTALLATION SHALL BE PROVIDED, WHETHER OR NOT SPECIFICALLY INDICATED OR MENTIONED.
- VISIT THE SITE TO DETERMINE PRE-EXISTING CONDITIONS AND WORK NECESSARY PRIOR TO SUBMISSION OF BID PRICE. SUBMIT ANY QUESTIONS REQUIRED TO CLARIFY SCOPE PRIOR TO BID. INCLUDE ALL REQUIRED WORK IN BID PRICE.
- INCLUDE IN BID WHATEVER IS REQUIRED TO MEET SCHEDULE INCLUDING OVERTIME, EXPRESS SHIPPING, EXPEDITING EQUIPMENT, ETC. PLAN PROJECT AND SUBMIT SHOP TRAINING AND ORDER EQUIPMENT IN A TIMELY MANNER. EQUIPMENT SHALL BE BASED ON THE SPECIFIED EQUIPMENT.
- ANY EQUIPMENT TO BE SUBSTITUTED SHALL BE IDENTIFIED AT TIME OF BID. REFER TO SPECIFICATIONS.
- TEST ALL EQUIPMENT AND SYSTEMS INSTALLED TO CERTIFY COMPLIANCE WITH DRAWINGS, SPECIFICATIONS, CODES, LOCAL AUTHORITIES AND REGULATIONS. INCLUDE LABOR AND COSTS FOR TESTING, REVIEWS, APPROVALS AND CERTIFICATIONS.
- PROVIDE TRAINING TO OWNER ON ALL EQUIPMENT AND SYSTEMS INSTALLED.
- TEMPORARY LIGHTING AND POWER SHALL BE PROVIDED AS REQUIRED BY OSHA, CODES AND LOCAL AUTHORITIES. REMOVE ALL TEMPORARY FACILITIES PROVIDED AT PROJECT COMPLETION.
- UNLESS OTHERWISE INDICATED ON PLANS OR IN SPECIFICATIONS, ALL CONDUCTORS, POWER DISTRIBUTION EQUIPMENT BUSSING AND TRANSFORMER WINDINGS PROVIDED SHALL BE FABRICATED OF 88% CONDUCTIVITY COPPER MATERIAL.

INSTALLATION COORDINATION NOTES

- PRIOR TO ROUGH-IN OF ELECTRICAL PROVISIONS FOR OWNER FURNISHED EQUIPMENT AND EQUIPMENT PROVIDED BY OTHER TRADES, COORDINATE WITH THE GENERAL CONTRACTOR, EQUIPMENT SHOP DRAWINGS AND APPLICABLE CODES, PERMITS, LOCAL AUTHORITIES AND REGULATIONS. PROVIDE ALL FINAL CONNECTIONS AS REQUIRED, I.E. POWER, CONTROL, INTERLOCK, ETC.
- ELECTRICAL EQUIPMENT, RACEWAYS AND OUTLETS MOUNTED TO AND OR INSTALLED IN OWNER FURNISHED FURNITURE SHALL BE COORDINATED WITH THE EQUIPMENT AND FURNITURE INSTALLERS AND THE GENERAL CONTRACTOR PRIOR TO ROUGH-IN, EXCEPT WHERE INDICATED OR REQUIRED OTHERWISE.
- EXACT LOCATION, MOUNTING OR RACEWAY ROUTING ARE NOT CLEAR OR CONFLICT LOCATION OR HEIGHT COORDINATE WITH OTHER TRADES AND REQUEST CLARIFICATION PRIOR TO ROUGHING OR INSTALLATION. DRAWINGS ARE DIAGNOSTIC ONLY. EXACT LOCATION, MOUNTING HEIGHTS OF EQUIPMENT AND ROUTING OF RACEWAYS SHALL BE COORDINATED WITH THE EQUIPMENT REQUIREMENTS AND FIELD CONDITIONS.
- UNLESS OTHERWISE DIRECTED, PROVIDE ALL NEW POWER DISTRIBUTION EQUIPMENT WITH AIG RATINGS THAT MATCH OR EXCEED THE AIG RATING OF THE NEXT ACTIVE EXISTING UPSTREAM OVERCURRENT PROTECTIVE DEVICE SERVING THE PANEL WHEN SERVED DIRECTLY. E.G. NO TRANSFORMER BY A 27/480 VOLT SOURCE OR PROVIDE AIG RATING THAT EXCEEDS BY 10% THE MAXIMUM LET THROUGH FAULT CURRENT (UNDER INFINITE PRIMARY BULB) OF THE NEXT ACTIVE UPSTREAM TRANSFORMER (EXISTING OR NEW SERVING THE RESPECTIVE NEW PANEL).
- ALL NEW PANELS SHALL BE FULLY RATED FOR THE DERATED AIG VALUE. PANELS UTILIZING SERIES RATINGS SHALL NOT BE ACCEPTABLE. NEW CIRCUIT BREAKERS PROVIDED IN EXISTING PANELS SHALL BE PERMITTED ONLY IF THE RATINGS THAT MATCH OR EXCEED THE HIGHEST RATED OVERCURRENT PROTECTIVE DEVICE WITHIN THE RESPECTIVE EXISTING PANEL.
- SUBMIT SHORT CIRCUIT STUDY WITH POWER DISTRIBUTION EQUIPMENT SUBMITTALS FOR REVIEW AND APPROVAL. IN ADDITION, SUBMIT SHORT CIRCUIT STUDY WITH SELECTIONS AS PROPERLY INTEGRATED AND COORDINATED WITH THE EXISTING AND NEW POWER DISTRIBUTION EQUIPMENT. THE SHORT CIRCUIT STUDY SHALL BE INCORPORATED THE AVAILABLE FAULT DUTY VALUES OBTAINED FROM THE UTILITY COMPANY FOR THE PROJECTS ELECTRICAL SERVICE POINT OF COMMON COUPLING.
- SUBMIT OVERCURRENT PROTECTIVE DEVICE COORDINATION STUDY FOR ALL NEW POWER DISTRIBUTION EQUIPMENT, WITH THE POWER DISTRIBUTION EQUIPMENT SUBMITTALS FOR REVIEW AND APPROVAL. INCLUDE THE NEXT ACTIVE OVERCURRENT PROTECTIVE DEVICES, IN THE STUDY ANALYSIS, WHEN PROJECT IS WITHIN AN EXISTING FACILITY.
- SUBMIT ARC FLASH REPORT FOR ALL NEW POWER DISTRIBUTION EQUIPMENT, WITH POWER DISTRIBUTION EQUIPMENT SUBMITTALS FOR REVIEW AND APPROVAL.

WIRING NOTES

- WIRING IS INDICATED ON DRAWINGS ONLY FOR SPECIFIC ROUTES OR SPECIAL CONDITIONS.
- WIRING AND CONDUIT SHALL BE REQUIRED FOR ALL SWITCHES AND OUTLETS INDICATED WITH CIRCUIT NUMBERS PROVIDE W.C. 3P/1 UNLESS OTHERWISE INDICATED. WIRE AND CONDUIT SHALL BE PROVIDED IN SUCH A MANNER AS TO BE CONTINUOUS THROUGHOUT CIRCUIT. REFER TO VOLTAGE DROP CHART ON DRAWING E02. ALTHOUGH ALL BRANCH CIRCUIT WIRE AND CONDUIT IS NOT SHOWN, IT IS THE INTENT OF THESE DOCUMENTS THAT A COMPLETE BRANCH CIRCUIT WIRING SYSTEM BE INSTALLED.
- DESIGNS SHALL BE LIMITED TO SIX CURRENT CARRYING CONDUCTORS (PHASE AND NEUTRAL) AND GROUNDING CONDUCTOR PER CIRCUIT. THE MAXIMUM CURRENT CARRYING CAPACITY FOR EACH SINGLE PHASE CIRCUIT, EXCEPT FOR LIGHTING CIRCUITS, UNLESS AN OVERSEEN NEUTRAL IS SPECIFICALLY INDICATED.
- MARK ALL CONDUITS AND JUNCTION BOXES WITH PERMANENT MARKER INDICATING PANEL, AND CIRCUIT NUMBER OF CONDUCTORS CONTAINED WITHIN LABEL WHERE CONDUITS ENTER PANELS. WIRE WAYS, PULL BOXES, ETC. LABEL EMPTY CONDUITS WITH SYSTEM (VOICE, DATA, SECURITY, ETC.) AND SOURCE OF CONDUIT.
- ELECTRICAL WORK NOT SERVING STAIRWELLS SHALL NOT PASS THROUGH A STAIR ENCLOSURE UNLESS AN APPROVED RATED SOFFIT IS PROVIDED TO MAINTAIN FIRE AND SMOKE RATING.
- BELOW WATER/TIGHT AND GAS TIGHT SEALS INSIDE AND OUTSIDE OF CONDUITS THAT PENETRATE THE BUILDING BELOW GRADE, O.Z. GEMSEY OR APPROVED EQUAL, PROVIDE WEATHER TIGHT SEAL AT PENETRATIONS ABOVE GRADE. PROVIDE NTL LISTED SMOKE AND FIRE SEALS AT ALL PENETRATIONS THROUGH FLOORS OR FULL HEIGHT FLOOR TO FLOOR WALLS.

SYSTEM POWER WIRING NOTES

- ALL VIDEO PROJECTOR, CAMERA AND MONITOR POWER OUTLETS AND THEIR ASSOCIATED COMPUTER POWER OUTLETS FEEDING THE VIDEO SOURCE ARE TO BE CONNECTED TO THE SAME PHASE TO ELIMINATE VIDEO INTERFERENCE BETWEEN VIDEO SOURCE AND EQUIPMENT. COORDINATE ALL POWER WIRING FOR SYSTEM EQUIPMENT WITH THE SYSTEM INSTALLER PRIOR TO INSTALLATION.

RECEPTACLE COLOR CODE REQUIREMENTS

- UNLESS OTHERWISE INDICATED PROVIDE 20A HEAVY DUTY GRADE RECEPTACLES COLOR CODE AS FOLLOWS
- ON UPS-BLOCK-HOSPITAL GRADE WERE AVAILABLE
 - ON GENERATOR POWER - RED
 - ISOLATED GROUND - ORANGE
 - NORMAL POWER - IVORY OR AS SELECTED BY ARCHITECT

NOTE: THIS SHEET IS A GENERAL LIST OF SYMBOLS AND ABBREVIATIONS AND SHALL BE USED AS A DICTIONARY TO DEFINE ITEMS INDICATED ON DRAWINGS. NOT ALL SYMBOLS OR ABBREVIATIONS ARE NECESSARY USED ON THIS PROJECT.

SCALE	NONE
DRAWN BY	MB
CHECK BY	BTG
PROJECT/ENGINEER	DD
PROJ. MGR.	
JOB NO.	11082.04

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△ = CLOUDED CHANGE