FIRE ALARM SYMBOL LEGEND

FACP	FIRE ALARM CONTROL PANEL, SURFACE MOUNTED.
AN	FIRE ALARM SYSTEM ANNUNCIATOR PANEL, 48" A.F.F.
F	FIRE ALARM SYSTEM MANUAL PULL STATION, 48" A.F.F.
F	FIRE ALARM SYSTEM ALARM INDICATING DEVICE, HORN/STROBE, 80" A.F.F. LOWER CASE "CD" INDICATES CANDELA RATING, WHITE FINISH.
S	FIRE ALARM SYSTEM ALARM INDICATING DEVICE, STROBE, 80" A.F.F. LOWER CASE "CD" INDICATES CANDELA RATING, WHITE FINISH.
S	FIRE ALARM SYSTEM CEILING MOUNTED SMOKE DETECTOR, MULTI-MODE TYPE. "R" INDICATES PROVIDE AUXILIARY DRY CONTACTS FOR ELEVATOR RECALL FUNCTION AND INTERLOCK WITH ELEVATOR CONTROLLER.
D	FIRE ALARM SYSTEM DUCT SMOKE DETECTOR, PROVIDED AND WIRED BY E.C., INSTALLED BY M.C.
DH	MAGNETIC DOOR HOLDER (SUPPLIED WITH DOOR HARDWARE), CONNECT TO LOCAL SMOKE DETECTOR.
TS	FIRE ALARM SYSTEM TAMPER SWITCH. FIELD COORDINATE EXACT QUANTITY AND LOCATIONS.
FS	FIRE ALARM SYSTEM FLOW SWITCH. FIELD COORDINATE EXACT QUANTITY AND LOCATIONS.
M	ALARM SYSTEM ALARM INDICATING DEVICE, 'MINI-SPEAKER', 80" A.F.F.
CO	FIRE ALARM SYSTEM CARBON MONOXIDE DETECTOR.
H	FIRE ALARM SYSTEM CEILING MOUNTED HEAT DETECTOR.
SH	FIRE ALARM SYSTEM COMBINATION SMOKE/HEAT DETECTOR, MULTI-MODE TYPE.
SC	FIRE ALARM SYSTEM COMBINATION SMOKE/CO DETECTOR, MULTI-MODE TYPE.
F 15cd	FIRE ALARM SYSTEM ALARM INDICATING DEVICE, HORN/STROBE, CEILING MOUNTED, LOWER CASE "CD" INDICATES CANDELA RATING, WHITE FINISH.
FSD	PROVIDE 24V FIRE ALARM CONNECTION FOR FIRE/SMOKE DAMPER. DAMPER TO CLOSE UPON FIRE ALARM SYSTEM ACTIVATION.

'WP' INDICATES WEATHERPROOF DEVICE.

ELEVATOR 2-WAY COMMUNICATION SYMBOL LEGEND

CS	ELEVATOR 2-WAY COMMUNICATION SYSTEM CALL STATION 46"AFF. PROVIDE 4" SQUARE DEEP BOX WITH 1" CONDUIT TO NEAREST CABLE TRAY, COM RM 139, OR COM RM 220. PROVIDE WIRING AND DEVICES PER MANUFACTURERS REQUIREMENTS.
MS	ELEVATOR 2-WAY COMMUNICATION SYSTEM MASTER STATION 46"AFF. PROVIDE 4" SQUARE DEEP BOX WITH 1" CONDUIT TO NEAREST CABLE TRAY, COM RM 139, OR COM RM 220. PROVIDE WIRING AND DEVICES PER MANUFACTURERS REQUIREMENTS.

'WP' INDICATES WEATHERPROOF DEVICE.

SECURITY AND ACCESS CONTROL SYMBOL LEGEND

WAC	WILSON AIR SECURITY CAMERA. PROVIDE RECESSED 4" SQUARE BOX WITH 1" CONDUIT WITH PULL CORD TO COM RM 220. COORDINATE EXACT CONDUIT REQUIREMENTS WITH G.C./EQUIPMENT INSTALLER AS REQUIRED.
CBP	WILSON AIR SECURITY CAMERA IN CBP AREA. PROVIDE RECESSED 4" SQUARE BOX WITH 1" CONDUIT WITH PULL CORD TO LAN RM 159. COORDINATE EXACT CONDUIT REQUIREMENTS WITH G.C./EQUIPMENT INSTALLER AS REQUIRED.
CR	WALL MOUNTED CARD READER AT 46"AFF. PROVIDE RECESSED 4" SQUARE BOX WITH SINGLE GANG MUD RING AND EMPTY ¾"C WITH PULLCORD FROM CARD READER TO DOOR FRAME OR DOOR CONTROLLER AND EMPTY ¾"C FROM CARD READER TO NEAREST CABLE TRAY, COM RM 139, OR COM RM 220. DOOR TO UNLOCK UPON CARD SWIPE. PROVIDE ALL NECESSARY CONTROL WIRING. COORDINATE EXACT REQUIREMENTS WITH G.C./OWNER/DOOR HARDWARE SUPPLIER. PROVIDE FIRE ALARM CONNECTION FOR ALL DOORS WITH CARD READERS. DOORS TO UNLOCK UPON FIRE ALARM SYSTEM ACTIVATION.
	AUTOMATIC VESTIBULE DOOR CARD READER AT 46"AFF. PROVIDE RECESSED 4" SQUARE BOX WITH SINGLE GANG MUD RING AND EMPTY ¾"C WITH PULLCORD FROM CARD READER TO DOOR FRAME OR DOOR CONTROLLER AND EMPTY ¾"C FROM CARD READER TO NEAREST CABLE TRAY, COM ROM 139, OR COM RM 220. DOOR TO UNLOCK UPON CARD SWIPE. PROVIDE ALL NECESSARY CONTROL WIRING. COORDINATE EXACT REQUIREMENTS WITH G.C./OWNER/DOOR HARDWARE SUPPLIER. PROVIDE FIRE ALARM CONNECTION FOR ALL DOORS WITH CARD READERS. DOORS TO UNLOCK UPON FIRE ALARM SYSTEM ACTIVATION.
	PROVIDE J-BOX ABOVE CEILING WITH 120V/20A CIRCUIT FOR USE WITH ACCESS CONTROL AND SECURITY WIRING AND CONTROL. COORDINATE WITH G.C./EQUIPMENT INSTALLER AS REQUIRED.

'WP' INDICATES WEATHERPROOF DEVICE.

FIS EQUIPMENT LEGEND

(E4) CBP	FIXED CCTV WIDE ANGLE LENS WITH MIC SECURITY CAMERA. PROVIDE RECESSED 4" SQUARE BOX WITH SINGLE GANG MUD RING AND EMPTY 1"C WITH PULLCORD TO BELOW CEILING IN LAN ROOM 159.
(E4A) CBP	FIXED CCTV WIDE ANGLE LENS DETENTION GRADE SECURITY CAMERA. PROVIDE RECESSED 4" SQUARE BOX WITH SINGLE GANG MUD RING AND EMPTY 1"C WITH PULLCORD TO BELOW CEILING IN LAN ROOM 159.
(E4B) CBP	PTZ SECURITY CAMERA. PROVIDE RECESSED 4" SQUARE BOX WITH SINGLE GANG MUD RING AND EMPTY 1"C WITH PULLCORD TO BELOW CEILING IN LAN ROOM 159.
(E4C) CBP	FIXED CCTV WIDE ANGLE LENS SECURITY CAMERA. PROVIDE RECESSED 4" SQUARE BOX WITH SINGLE GANG MUD RING AND EMPTY 1"C WITH PULLCORD TO BELOW CEILING IN LAN ROOM 159.
E5	DURESS ALARM - MUSHROOM HEAD PUSH BUTTON, 46" A.F.F. TO CENTER, UNLESS OTHERWISE NOTED. PROVIDE 4" SQUARE DEEP BOX WITH 1" KNOCKOUTS WITH SINGLE GANG MUD RING AND EMPTY 1" CONDUIT TO ACCESSIBLE CEILING WITH PULL CORD.
E5A	DURESS ALARM - RECESSED PUSH BUTTON, 46" A.F.F. TO CENTER, UNLESS OTHERWISE NOTED. PROVIDE 4" SQUARE DEEP BOX WITH 1" KNOCKOUTS WITH SINGLE GANG MUD RING AND EMPTY 1" CONDUIT TO ACCESSIBLE CEILING WITH PULL CORD.
E6	IDS SENSOR. PROVIDE RECESSED IN CEILING MOUNTED 4" SQUARE DEEP BOX WITH 1" KNOCKOUTS WITH SINGLE GANG MUD RING AND EMPTY 1" CONDUIT TO ACCESSIBLE CEILING WITH PULL CORD.
E7	ACCESS CONTROL CARD READER, 46" A.F.F. TO CENTER, UNLESS OTHERWISE NOTED. PROVIDE 4" SQUARE DEEP BOX WITH 1" KNOCKOUTS WITH SINGLE GANG MUD RING AND EMPTY 1" CONDUIT TO ACCESSIBLE CEILING WITH PULL CORD.
E8	DURESS ALARM KEYED RESET/DISABLE CONTROL SWITCH (LIGHT SWITCH), 46" A.F.F. TO CENTER, UNLESS OTHERWISE NOTED. PROVIDE 4" SQUARE DEEP BOX WITH 1" KNOCKOUTS WITH SINGLE GANG MUD RING AND EMPTY 1" CONDUIT TO ACCESSIBLE CEILING WITH PULL CORD.
E9	OCCUPANCY INDICATOR OVER DOOR, CENTERED BETWEEN TOP OF DOOR AND CEILING. PROVIDE 4" SQUARE DEEP BOX WITH 1" KNOCKOUTS WITH SINGLE GANG MUD RING AND EMPTY 1" CONDUIT TO ACCESSIBLE CEILING WITH PULL CORD.
E10	AUDIBLE/VISUAL DURESS ALARM INDICATOR OVER DOOR, CENTERED BETWEEN TOP OF DOOR AND CEILING. PROVIDE 4" SQUARE DEEP BOX WITH 1" KNOCKOUTS WITH SINGLE GANG MUD RING AND EMPTY 1" CONDUIT TO ACCESSIBLE CEILING WITH PULL CORD.
E11	IDS KEYPAD, 46" A.F.F. TO CENTER, UNLESS OTHERWISE NOTED. PROVIDE 4" SQUARE DEEP BOX WITH 1" KNOCKOUTS WITH SINGLE GANG MUD RING AND EMPTY 1" CONDUIT TO ACCESSIBLE CEILING WITH PULL CORD.
E13	15 MINUTE HOLD ROOM CHECK RESET DEVICE, 46" A.F.F. TO CENTER, UNLESS OTHERWISE NOTED. PROVIDE 4" SQUARE DEEP BOX WITH 1" KNOCKOUTS WITH SINGLE GANG MUD RING AND EMPTY 1" CONDUIT TO ACCESSIBLE CEILING WITH PULL CORD.
E17	ELECTRONIC FLUSH VALVE CONTROL, 46" A.F.F. TO CENTER, UNLESS OTHERWISE NOTED. PROVIDE 4" SQUARE DEEP BOX WITH 1" KNOCKOUTS WITH SINGLE GANG MUD RING AND EMPTY 1" CONDUIT TO ACCESSIBLE CEILING WITH PULL CORD.
E18	AUTOMATIC/REMOTE DOOR RELEASE FOR SECONDARY PROCESSING, 46" A.F.F. TO CENTER, UNLESS OTHERWISE NOTED. PROVIDE 4" SQUARE DEEP BOX WITH 1" KNOCKOUTS WITH SINGLE GANG MUD RING AND EMPTY 1" CONDUIT TO ACCESSIBLE CEILING WITH PULL CORD.
CLG	DETENTION GRADE MIC. PROVIDE RECESSED IN CEILING MOUNTED 4" SQUARE DEEP BOX WITH 1" KNOCKOUTS WITH SINGLE GANG MUD RING AND EMPTY 1" CONDUIT TO ACCESSIBLE CEILING WITH PULL CORD.

'WP' INDICATES WEATHERPROOF DEVICE.

TELECOM SYMBOL LEGEND

	TELEPHONE/DATA OUTLET, 18" A.F.F. TO CENTER, UNLESS OTHERWISE NOTED. PROVIDE 4" SQUARE DEEP BOX WITH 1" KNOCKOUTS WITH SINGLE GANG MUD RING AND EMPTY 1" CONDUIT WITH PULL CORD TO NEAREST CABLE TRAY, COM RM 139, OR COM RM 220. SEE RISER DIAGRAM FOR DETAILS.
F	FIS AREA TELEPHONE/DATA OUTLET, 18" A.F.F. TO CENTER, UNLESS OTHERWISE NOTED. PROVIDE STEEL CITY 5" SQUARE DEEP BOX WITH 1¼" KNOCKOUTS MODEL 8218IT-1-114 OR EQUIVALENT WITH SINGLE GANG MUD RING AND EMPTY 1¼" CONDUIT WILL PULL CORD TO BELOW CEILING IN LAN ROOM 159. SEE RISER DIAGRAM FOR DETAILS.
	TELEPHONE OUTLET, 18" A.F.F. TO CENTER, UNLESS OTHERWISE NOTED. PROVIDE 4" SQUARE DEEP BOX WITH 1" KNOCKOUTS WITH SINGLE GANG MUD RING AND EMPTY 1" CONDUIT WITH PULL CORD TO NEAREST CABLE TRAY, COM RM 139, OR COM RM 220. SEE RISER DIAGRAM FOR DETAILS.
F	FIS AREA TELEPHONE OUTLET, 18" A.F.F. TO CENTER, UNLESS OTHERWISE NOTED. PROVIDE STEEL CITY 5" SQUARE DEEP BOX WITH 1¼" KNOCKOUTS MODEL 8218IT-1-114 OR EQUIVALENT WITH SINGLE GANG MUD RING AND EMPTY 1¼" CONDUIT WITH PULL CORD TO BELOW CEILING IN LAN ROOM 159. SEE RISER DIAGRAM FOR DETAILS.
	DATA OUTLET, 18" A.F.F. TO CENTER, UNLESS OTHERWISE NOTED. PROVIDE 4" SQUARE DEEP BOX WITH 1" KNOCKOUTS WITH SINGLE GANG MUD RING AND EMPTY 1" CONDUIT WITH PULL CORD TO NEAREST CABLE TRAY, COM RM 139, OR COM RM 220. SEE RISER DIAGRAM FOR DETAILS.
F	FIS AREA DATA OUTLET, 18" A.F.F. TO CENTER, UNLESS OTHERWISE NOTED. PROVIDE STEEL CITY 5" SQUARE DEEP BOX WITH 1¼" KNOCKOUTS MODEL 8218IT-1-114 OR EQUIVALENT WITH SINGLE GANG MUD RING AND EMPTY 1¼" CONDUIT WITH PULLCORD TO BELOW CEILING IN LAN ROOM 159. SEE RISER DIAGRAM FOR DETAILS.
BAS	DATA OUTLET, 18" A.F.F. TO CENTER, UNLESS OTHERWISE NOTED. PROVIDE 4" SQUARE DEEP BOX WITH 1" KNOCKOUTS WITH SINGLE GANG MUD RING AND EMPTY 1" CONDUIT WITH PULL CORD TO NEAREST CABLE TRAY, COM RM 139, OR COM RM 220. SEE RISER DIAGRAM FOR DETAILS.
	(2) OR (4) GANG RECESSED IN SLAB FLOOR BOX WITH COVER PLATE AND RECEPTACLES AND TELE/DATA OUTLETS AS INDICATED.
TV	CATV OUTLET, 18" A.F.F. TO CENTER, UNLESS OTHERWISE NOTED. PROVIDE 4" SQUARE DEEP BOX WITH 1" KNOCKOUTS WITH SINGLE GANG MUD RING AND EMPTY 1" CONDUIT WITH PULL CORD TO NEAREST CABLE TRAY, COM RM 139, OR COM RM 220. SEE RISER DIAGRAM FOR DETAILS.
TV F	FIS AREA CATV OUTLET, 18" A.F.F. TO CENTER, UNLESS OTHERWISE NOTED. PROVIDE STEEL CITY 5" SQUARE DEEP BOX WITH 1¼" KNOCKOUTS MODEL 8218IT-1-114 OR EQUIVALENT WITH SINGLE GANG MUD RING AND EMPTY 1¼" CONDUIT WITH PULL CORD TO BELOW CEILING IN LAN ROOM 159. SEE RISER DIAGRAM FOR DETAILS.
CB	TELEPHONE CALL BOX OUTLET, 46" A.F.F. TO CENTER, UNLESS OTHERWISE NOTED. PROVIDE 4" SQUARE DEEP BOX WITH 1" KNOCKOUTS WITH SINGLE GANG MUD RING AND EMPTY 1" CONDUIT WITH PULL CORD TO NEAREST CABLE TRAY, COM RM 139, OR COM RM 220. SEE RISER DIAGRAM FOR DETAILS.
PA	PAGING OUTLET, 18" A.F.F. TO CENTER, UNLESS OTHERWISE NOTED. PROVIDE 4" SQUARE DEEP BOX WITH 1" KNOCKOUTS WITH SINGLE GANG MUD RING AND EMPTY 1" CONDUIT WITH PULL CORD NEAREST CABLE TRAY, COM RM 139, OR COM RM 220. SEE RISER DIAGRAM FOR DETAILS.
F	FIS AREA CEILING MOUNTED WIRELESS ACCESS POINT. PROVIDE STEEL CITY 5" SQUARE DEEP BOX WITH 1¼" KNOCKOUTS MODEL 8218IT-1-114 OR EQUIVALENT AND EMPTY 1¼" CONDUIT WILL PULL CORD TO BELOW CEILING IN LAN ROOM 159.
	CEILING MOUNTED WIRELESS ACCESS POINT. PROVIDE 4" SQUARE DEEP BOX WITH 1" KNOCKOUTS WITH SINGLE GANG MUD RING AND EMPTY 1" CONDUIT WITH PULL CORD TO NEAREST COM RM.
CAM	OFFICE DATA OUTLET FOR CAMERA SYSTEM, 18" A.F.F. TO CENTER, UNLESS OTHERWISE NOTED. PROVIDE 4" SQUARE DEEP BOX WITH 1" KNOCKOUTS WITH SINGLE GANG MUD RING AND EMPTY 1" CONDUIT WITH PULL CORD TO NEAREST CABLE TRAY, COM RM 139, OR COM RM 220. SEE RISER DIAGRAM FOR DETAILS.
CAM F	FIS OFFICE DATA OUTLET FOR CAMERA SYSTEM, 18" A.F.F. TO CENTER, UNLESS OTHERWISE NOTED. PROVIDE STEEL CITY 5" SQUARE DEEP BOX WITH 1¼" KNOCKOUTS MODEL 8218IT-1-114 OR EQUIVALENT WITH SINGLE GANG MUD RING AND EMPTY 1¼" CONDUIT WILL PULL CORD TO BELOW CEILING IN LAN ROOM 159. SEE RISER DIAGRAM FOR DETAILS.

'WP' INDICATES WEATHERPROOF DEVICE.

PAGING SYSTEM SYMBOL LEGEND

S S	FLUSH CEILING/WALL MOUNTED PAGING SPEAKER. PROVIDE RECESSED MOUNTED IN WALL OR CEILING 4" SQUARE DEEP BOX WITH 1" KNOCKOUTS WITH SINGLE GANG MUD RING AND EMPTY 1" CONDUIT WITH PULL CORD TO COM RM 220. FIELD COORDINATE EXACT CONDUIT CONNECTION REQUIREMENTS AT SPEAKER BACK BOX WITH G.C./INSTALLER.
S	SURFACE MOUNTED PAGING SPEAKER. PROVIDE RECESSED MOUNTED IN WALL OR CEILING 4" SQUARE DEEP BOX WITH 1" KNOCKOUTS WITH SINGLE GANG MUD RING AND EMPTY 1" CONDUIT WITH PULL CORD TO COM RM 220. FIELD COORDINATE EXACT CONDUIT CONNECTION REQUIREMENTS AT SPEAKER BACK BOX WITH G.C./INSTALLER.

'WP' INDICATES WEATHERPROOF DEVICE.

GENERAL ELECTRICAL NOTES

1. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND ALL LOCAL AND STATE CODES.
2. ALL MATERIAL, DEVICES, APPLIANCES, AND EQUIPMENT SHALL BE NEW AND SHALL CONFORM TO THE STANDARDS OF THE UNDERWRITER'S LABORATORIES, INC., AND THE NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION.
3. ALL ELECTRICAL PERMITS AND INSPECTION FEES SHALL BE OBTAINED AND PAID FOR BY THE ELECTRICAL CONTRACTOR. DRAWINGS ARE DIAGRAMMATIC ONLY AND INDICATE ONLY THE GENERAL ARRANGEMENT. SEE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS.
4. ELECTRICAL CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIALS FOR ONE YEAR EFFECTIVE THE DAY THE PROJECT IS ACCEPTED BY THE OWNER.
5. ELECTRICAL CONTRACTOR SHALL MAKE ALL ELECTRICAL POWER CONNECTIONS TO HVAC, PLUMBING AND OTHER EQUIPMENT AS REQUIRED.
6. A COMPLETE GROUNDING SYSTEM SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH ARTICLE 250 OF THE NEC, AND AS SHOWN ON THE DRAWINGS.
7. ALL CUTTING AND PATCHING OF WALLS AND FLOORS FOR ELECTRICAL EQUIPMENT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
8. CONDUCTORS SHALL BE COPPER RATED AT NOT LESS THAN 600 VOLTS.
9. ALL WIRING SHALL BE INSTALLED IN GALVANIZED RIGID CONDUIT, INTERMEDIATE METAL CONDUIT, OR EMT. EMT SHALL NOT BE USED IN OR UNDER CONCRETE SLABS, OR IN MASONRY WALLS. USE SCHEDULE 40 PVC OUTDOORS WHERE NOT SUBJECT TO PHYSICAL DAMAGE OR BELOW FLOOR SLAB. MINIMUM CONDUIT SIZE TO BE 1/2".
10. PROVIDE A PULLWIRE IN ALL EMPTY CONDUITS.
11. E.C. TO VERIFY DEVICE PLATE COLOR AND MATERIAL WITH ARCHITECT PRIOR TO PURCHASE.
12. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL ELECTRICAL EQUIPMENT FROM FOREIGN MATERIAL DURING CONSTRUCTION (PAINT, SPACKLE, ETC.).
13. PENETRATIONS OF REQUIRED SMOKE PARTITIONS SHALL BE SEALED USING METHODS APPROVED UNDER THE STATE BUILDING CODE. COORDINATION WITH THE GENERAL CONTRACTOR SHALL BE MAINTAINED TO INSURE THAT THIS SMOKE STOPPING IS ACCOMPLISHED.
14. WHERE PENETRATIONS ARE MADE THROUGH A REQUIRED FIRE-RESISTIVE WALL, FLOOR, OR PARTITION FOR THE PURPOSE OF RUNNING RACEWAY CARRYING ELECTRICAL, TELEPHONE, TELEVISION, OR LOCAL COMMUNICATION AND/OR SIGNALING CIRCUITS, THE OPENING AROUND THE RACEWAY SHALL BE FIRE STOPPED PER THE STATE BUILDING CODE. COORDINATION WITH THE GENERAL CONTRACTOR SHALL BE MAINTAINED TO INSURE THAT THIS FIRE STOPPING IS ACCOMPLISHED. USE APPROVED U.L. OR EQUIVALENT ASSEMBLIES.
15. IN REQUIRED FIRE RATED WALLS AND PARTITIONS, OPENINGS FOR INSTALLATION OF BOXES THAT ARE GREATER THAN 16 SQUARE INCHES SHALL BE PROTECTED AS REQUIRED BY U.L. COORDINATE CLOSELY WITH THE GENERAL CONTRACTOR TO INSURE THAT THE INTEGRITY OF THE U.L. RATING IS MAINTAINED.
16. COORDINATE WITH THE CABLE TV AND TELEPHONE UTILITIES AS REQUIRED FOR SERVICE ENTRANCE REQUIREMENTS. INSTALLATION MUST COMPLY WITH THEIR RESPECTIVE REGULATIONS AND REQUIREMENTS.
17. AUDIBLE FIRE ALARM NOTIFICATION APPLIANCES SHALL PROVIDE A SOUND PRESSURE LEVEL OF 15DBA ABOVE THE AVERAGE AMBIENT SOUND PRESSURE LEVEL AT ALL LOCATIONS WITHIN THE OCCUPIABLE SPACE. TYPICAL AVERAGE AMBIENT SOUND PRESSURE LEVELS ARE GIVEN IN NFPA 72 TABLE A-4-3.2.
18. IF THREE OR MORE FIRE ALARM SYSTEM VISUAL NOTIFICATION APPLIANCES ARE LOCATED WITHIN AN OBSERVERS FIELD OF VIEW (135°) AND WITHIN 55'-0" OF THE OBSERVER, THEN THE DEVICES SHALL BE SYNCHRONIZED.
19. ALL EXTERIOR FIXTURES AND DEVICES SHALL BE RATED FOR OPERATION AT 0° F AND SHALL BE DAMP OR WET LABELED AS REQUIRED.
20. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ALL ELECTRICAL EQUIPMENT, DEVICES, ETC. IN ACCORDANCE WITH LOCAL SEISMIC CODE REQUIREMENTS. PROVIDE SEISMIC RESTRAINTS, ACCESSORIES AND INSTALLATION DETAIL AS REQUIRED.
21. ALL CEILINGS ARE PLENUM RATED. ALL CONDUIT, WIRING, AND J-BOXES TO BE METAL CLAD. LOW VOLTAGE VENDOR TO PROVIDE ALL PLENUM RATED CABLE AS REQUIRED.

ELECTRICAL ABBREVIATIONS

18"	DIMENSION INDICATES HEIGHT ABOVE FINISHED FLOOR AT WHICH CENTER OF DEVICE IS TO BE MOUNTED.
AFF	ABOVE FINISHED FLOOR.
AFG	ABOVE FINISHED GRADE.
EC	ELECTRICAL CONTRACTOR.
FPN	FUSE PER EQUIPMENT NAMEPLATE REQUIREMENTS.
GC	GENERAL CONTRACTOR.
MC	MECHANICAL CONTRACTOR.
PC	PLUMBING CONTRACTOR.
WP	INDICATES DEVICE TO HAVE WEATHERPROOF COVER.
UON	UNLESS OTHERWISE NOTED.
FACP	FIRE ALARM CONTROL PANEL.
LCP	LIGHTING CONTROL PANEL.
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
AC	ABOVE COUNTER
NEC	NATIONAL ELECTRICAL CODE
NFPA	NATIONAL FIRE PROTECTION AGENCY
UL	UNDER WRITERS LABORATORY
HP	HEAT PUMP
AH	AIR HANDLER
CT	CURRENT TRANSFORMATION

LOW VOLTAGE SHEET INDEX

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LV-202	2ND FLOOR PLANS
LV-203	ROOF PLANS

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REVISIONS

DATE DECEMBER 7, 2018
PROJECT NUMBER 9197-000

SHEET TITLE
SYMBOL LEGEND AND NOTES

SHEET NUMBER
LV-100

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