

LOW VOLTAGE SYSTEMS

RIVERWOOD HIGH SCHOOL

PHASE 3 - 8

FULTON COUNTY SCHOOLS









ATLANTA, GA

SUBMITTED ON: JUNE 19, 2018

GENERAL NOTES:

- A. NO CONDUIT RUN TO CONTAIN MORE THAN 180 DEGREES OF BENDS BETWEEN PULLING POINTS. PROVIDE JUNCTION BOXES WHERE REQUIRED TO MAINTAIN 180 DEGREES BEND RULE.
- B. ALL WALL AND FLOOR PENETRATIONS TO BE SEALED AND FIREPROOFED. CONDUIT ROUTING PATHS TO BE COORDINATED WITH EXISTING SYSTEMS.
- C. ALL SECURITY CABLES TO BE ROUTED DIRECT TO EQUIPMENT ROOMS WITHOUT SPLICES. NO JUNCTIONS OR SPLICES IN CABLES ARE ACCEPTABLE.
- D. ALL CAMERAS SHALL BE ROUTED TO THE NEAREST MDF/IDF ROOM.
- E. ALL CABLES ROUTED ABOVE GRADE TO BE INSTALLED IN ELECTRICAL METALLIC TUBING (EMT) CONDUIT. MINIMUM SIZE TO BE 3/4". NO EXPOSED CONDUIT SHALL BE ALLOWED. SECURITY CONTRACTOR MUST COORDINATE WITH ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL ANY CONDUITS FOR ELECTRONIC SECURITY SYSTEMS (VIDEO SURVEILLANCE, INTRUSION DETECTION AND ACCESS CONTROL) INSIDE OF STRUCTURAL PRECAST WALLS.
- F. REFERENCE CCTV SCHEDULE FOR CAMERA MOUNTING REQUIREMENTS. ALL EXTERIOR CAMERAS SHALL BE PROVIDED AND INSTALLED IN A WEATHERPROOF ENCLOSURE AND EQUIPPED WITH HEATERS AND BLOWERS.
- G. ALL POWER AND SIGNAL CABLES INSTALLED ON GRADE OR BELOW GRADE TO BE "WET" RATED / OUTSIDE PLANT RATED.
- H. AT ALL EXTERIOR CAMERAS, CONTRACTOR TO PROVIDE AND INSTALL SURGE SUPPRESSION DEVICES AT CAMERA AND AT CCTV HEADEND EQUIPMENT FOR VIDEO SIGNAL AND POWER CONDUCTORS.
- I. SECURITY CONTRACTOR TO PAINT AND PATCH OR PROVIDE COVER PLATES FOR ALL HOLES OR OPEN JUNCTION BOXES LEFT BEHIND AS A RESULT OF THIS PROJECT. ALL JUNCTION BOXES AND COVER PLATES MUST BE PAINTED TO MATCH DECOR.
- J. SECURITY CONTRACTOR TO POSITION CAMERAS AS NOTED ON DRAWINGS. THEN ADJUST FOCUS AND CAMERA VIEWS TO THE SATISFACTION OF THE FULTON COUNTY SCHOOLS SAFETY AND SECURITY COORDINATOR.
- K. SECURITY CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING ALL PATCH CABLES.
- L. ALL CONDUIT INSTALLED INDOORS AND BELOW CEILING TO BE PAINTED TO MATCH DECOR.
- M. SECURITY CONTRACTOR IS RESPONSIBLE FOR THE SUPPLY AND INSTALLATION OF ANY ADDITIONAL DEDICATED, UN-SWITCHED 120 VAC / 20 AMP EMERGENCY POWER CIRCUITS AND LOCAL POWER SUPPLIES REQUIRED AT EXTERIOR CAMERA LOCATIONS FOR PROPER OPERATION ON PTZ, ENVIRONMENTAL ENCLOSURE, AND CAMERA.
- N. SECURITY CONTRACTOR IS RESPONSIBLE FOR UPSIZING OR PROVIDING ADDITIONAL LOW VOLTAGE POWER CABLE AS NECESSARY.
- O. ALL ELECTRONIC SECURITY EQUIPMENT ENCLOSURES AND JUNCTION BOXES MUST BE LOCKED.

DEVICE LEGEND:

-  NEW FIXED (MEGAPIXEL) VIDEO SURVEILLANCE CAMERA PROVIDED AND INSTALLED BY THE SECURITY CONTRACTOR. SEE CAMERA SCHEDULE FOR REQUIREMENTS.
-  NEW 180° VIEW (MEGAPIXEL) MULTI-SENSOR VIDEO SURVEILLANCE CAMERA PROVIDED AND INSTALLED BY THE SECURITY CONTRACTOR. SEE CAMERA SCHEDULE FOR REQUIREMENTS.
-  NEW 360° VIEW (MEGAPIXEL) MULTI-SENSOR VIDEO SURVEILLANCE CAMERA PROVIDED AND INSTALLED BY THE SECURITY CONTRACTOR. SEE CAMERA SCHEDULE FOR REQUIREMENTS.
-  NEW PAN/TILT/ZOOM (MEGAPIXEL) VIDEO SURVEILLANCE CAMERA PROVIDED AND INSTALLED BY THE SECURITY CONTRACTOR. SEE CAMERA SCHEDULE FOR REQUIREMENTS.
-  NEW PANORAMIC 360° (MEGAPIXEL) 12 MEGAPIXEL FISH EYE VIDEO SURVEILLANCE CAMERA PROVIDED AND INSTALLED BY THE SECURITY CONTRACTOR. SEE CAMERA SCHEDULE FOR REQUIREMENTS.
-  DUAL TECHNOLOGY MOTION DETECTOR PROVIDED AND INSTALLED BY SECURITY CONTRACTOR.
 - «LR - LONG RANGE
 - «SR - SHORT RANGE
-  DUAL TECHNOLOGY CEILING MOUNTED 360° MOTION DETECTOR PROVIDED AND INSTALLED BY SECURITY CONTRACTOR.
-  INTRUSION DETECTION SYSTEM KEYPAD PROVIDED AND INSTALLED BY SECURITY CONTRACTOR.

SHEET LEGEND:

NO.	DESCRIPTION
LV-000	COVER SHEET AND LEGENDS
LV-201A	LEVEL 000 - PART 1
LV-201B	LEVEL 000 - PART 2
LV-201C	LEVEL 000 - PART 3
LV-202A	LEVEL 100 - PART 1
LV-202B	LEVEL 100 - PART 2
LV-202C	LEVEL 100 - PART 3
LV-202D	LEVEL 100 - PART 4
LV-401	ONE-LINE DIAGRAM - VIDEO SURVEILLANCE SYSTEM
LV-402	ONE-LINE DIAGRAM - CCTV SYSTEM
LV-403	ONE-LINE DIAGRAM - INTRUSION SYSTEM
LV-501	DETAILS
LV-502	DETAILS
LV-503	DETAILS
LV-504	DETAILS
LV-601	CAMERA SCHEDULE



CHAPMAN GRIFFIN LANIEF SUSENBACH ARCHITECTS
 2017
 RELEASED FOR CONSTRUCTION
 J&A ENGINEERING CONSULTANTS
 995 LONNERSHIP ROAD, SUITE 202
 MARIETTA, GEORGIA 30066
 PHONE: 770-473-4026
 FAX: 770-224-6478

DATE	NO.	DESCRIPTION
03/27/18		CODE PRELIMINARY SUBMITTAL DESIGN DEVELOPMENT
06/19/18		REV. CONSTRUCTION DOCUMENTS
06/19/18	1	FINAL CODE SUBMITTAL
10/19/18		FINAL CODE SUBMITTAL ISSUED FOR PROPOSALS

DOE FACILITY CODE: 660-3086
 RIVERWOOD HIGH SCHOOL - PHASE 3-7
 AUDITORIUM/GYMNASIUM ADDITION
 5900 RAIDER DRIVE NW SANDY SPRINGS, GA 30228
 FULTON COUNTY SCHOOLS RFP NO. XXX-XX

COVER PAGE

PROJECT NO. 15099
 DATE: 06-19-18
 DRAWN BY: AJ
 CHECKED BY: KJ
 SHEET NO. LV-000

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