

SECTION 27 55 00 - COMMUNICATIONS HORIZONTAL CABLING  
PART 1 - GENERAL  
1.1 RELATED DOCUMENTS  
A. DRAWINGS AND GENERAL PROVISIONS OF THE CONTRACT, INCLUDING  
DESIGN AND SUPPLEMENTARY CONDITIONS AND DIVISION 01 SPECIFICATION  
SECTIONS APPLY TO THIS SECTION.  
1.2 SUMMARY  
A. SECTION INCLUDES:  
1. PATHWAYS  
2. UTP CABLING  
3. MULTIPLEX TELECOMMUNICATIONS OUTLET ASSEMBLIES  
4. CABLE CONNECTING HARDWARE, PATCH PANELS, AND CROSS-CONNECTS.  
5. TELECOMMUNICATIONS OUTLET CONNECTORS  
6. CABLING SYSTEM IDENTIFICATION PRODUCTS  
B. EXCLUSION  
1. THE FOLLOWING IS NOT INCLUDED IN THIS SECTION:  
a. CABLE TERMINATION MATERIALS FOR UTP CABLES  
b. MULTIPLEX TELECOMMUNICATIONS OUTLET ASSEMBLIES  
c. CABLE IDENTIFICATION PRODUCTS  
2. THE FOLLOWING IS NOT INCLUDED IN THIS SECTION:  
a. UTP CABLES  
b. MULTIPLEX TELECOMMUNICATIONS OUTLET ASSEMBLIES  
c. CABLE IDENTIFICATION PRODUCTS

2.1 PATHWAYS  
A. DRAWINGS AND GENERAL PROVISIONS OF THE CONTRACT, INCLUDING DESIGN AND SUPPLEMENTARY CONDITIONS AND DIVISION 01 SPECIFICATION SECTIONS APPLY TO THIS SECTION.  
1. SUMMARY  
A. SECTION INCLUDES:  
1. PATHWAYS  
2. UTP CABLING  
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c. CABLE IDENTIFICATION PRODUCTS  
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a. UTP CABLES  
b. MULTIPLEX TELECOMMUNICATIONS OUTLET ASSEMBLIES  
c. CABLE IDENTIFICATION PRODUCTS

PART 2 - PRODUCTS  
2.1 MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, AVAILABLE MANUFACTURERS OFFERING PRODUCTS THAT MAY BE INCORPORATED INTO THE WORK INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:  
A. BROADBAND: 100-OHM PAIR UTP FOR INT0-26-PAIR, BRONZE GROUPS COVERED WITH A BLUE THERMOPLASTIC JACKET.  
1. COMPLY WITH TIA/EIA-568-B.1 FOR PERFORMANCE SPECIFICATIONS.  
2. COMPLY WITH TIA/EIA-568-B.2 CATEGORY 5E PERFORMANCE SPECIFICATIONS.  
3. LISTED AND LABELED BY AN AUTHORITY ACCEPTABLE TO THE AUTHORITIES HAVING JURISDICTION AS COMPLIING WITH UL 444 AND NFPA 70 FOR THE FOLLOWING TYPES:  
a. COMMUNICATIONS, PLENUM RATED: TYPE CMP, COMPLYING WITH NFPA 70, CHAPTER 310.  
b. DATA.  
c. NETWORK.  
2.2 UTP CABLE  
MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, AVAILABLE MANUFACTURERS OFFERING PRODUCTS THAT MAY BE INCORPORATED INTO THE WORK INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:  
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b. DATA.  
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2.3 UTP CABLE HARDWARE  
MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, AVAILABLE MANUFACTURERS OFFERING PRODUCTS THAT MAY BE INCORPORATED INTO THE WORK INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:  
A. AMERICAN TECHNOLOGY SYSTEMS INDUSTRIES, INC.  
1. HURBELL, PROMISE WIRING  
2. HURBELL, PROMISE WIRING  
3. LEVITON VISE-A-DATA DIVISION  
4. MOLEX PRISME NETWORKS: A DIVISION OF MOLEX, INC.  
5. INSTANTON DESIGN/ALIGNMENT CONNECTOR  
6. MOHAWK: A DIVISION OF BELDEN CO.  
7. MOHAWK: A DIVISION OF BELDEN CO.  
8. SUPRIKOR ESSEX, INC.  
9. SUPRIKOR ESSEX, INC.  
10. SYSTO SOLUTIONS: A COMMSCO, INC. BRAND.  
11. 3M

10.10 TO 10.15  
A. DRAWINGS AND GENERAL PROVISIONS OF THE CONTRACT, INCLUDING DESIGN AND SUPPLEMENTARY CONDITIONS AND DIVISION 01 SPECIFICATION SECTIONS APPLY TO THIS SECTION.  
1. SUMMARY  
A. SECTION INCLUDES:  
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SECTION 28 31 00 - ANALOG ADDRESSABLE FIRE ALARM SYSTEM WITH VOICE EVAC.  
PART 1 - GENERAL  
1.1 RELATED DOCUMENTS  
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10.16 TO 10.20  
A. DRAWINGS AND GENERAL PROVISIONS OF THE CONTRACT, INCLUDING DESIGN AND SUPPLEMENTARY CONDITIONS AND DIVISION 01 SPECIFICATION SECTIONS APPLY TO THIS SECTION.  
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PART 2 - EXECUTION  
2.1 PATHWAYS  
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2.2 UTP CABLING  
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6. MOHAWK: A DIVISION OF BELDEN CO.  
7. MOHAWK: A DIVISION OF BELDEN CO.  
8. SUPRIKOR ESSEX, INC.  
9. SUPRIKOR ESSEX, INC.  
10. SYSTO SOLUTIONS: A COMMSCO, INC. BRAND.  
11. 3M

11.1 TO 11.5  
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PART 3 - PRODUCTS  
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9. SUPRIKOR ESSEX, INC.  
10. SYSTO SOLUTIONS: A COMMSCO, INC. BRAND.  
11. 3M

ENGINEERING  
Gibbens, Drisk, Scott, Inc.  
901 S. 6th Street, Suite 100  
Atlanta, GA 30334  
Phone: (404) 335-1370  
Fax: (404) 335-2107  
www.gibbens.com  
GCC-0001200003

SHEET LEGEND  
DRAWING INFORMATION  
SYMBOL DESCRIPTION  
1. WORK AREAS  
2. ROOM AREAS  
3. WALL AREAS  
4. EQUIPMENT AREAS  
5. ELECTRICAL AREAS  
6. TELECOMMUNICATIONS AREAS  
7. MECHANICAL AREAS  
8. PLUMBING AREAS  
9. HEATING AREAS  
10. COOLING AREAS  
11. GAS AREAS

MADISON YARDS 8  
AMC NEW BUILD DRIVE  
ATLANTA, GA 30316

AMC  
American Multi-Systems, Inc.  
One AMC Way  
1500 Ash Street  
Lawrenceville, GA 30045

| No. | Date | Description |
|-----|------|-------------|
|-----|------|-------------|

PROJECT MEAS DATE

KEY PLAN

SHEET TITLE  
ELECTRICAL SPECIFICATIONS

SHEET NUMBER  
E903