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ELECTRICAL SPECIFICATIONS

New Facility Hampton Travel Center

Hampton, Georgia 30228

Highway 81 / Parcel # 019-02031002

Table with columns: JOB NO., DRAWN BY, CHECKED BY, DESCRIPTION, DATE, REVISIONS

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OF

COMcheck Software Version 4.1.5.5 Interior Lighting Compliance Certificate

Project Information: Energy Code: 2015 IECC, Project Title: New Facility Hampton Travel Center, Project Type: New Construction

Construction Site: Highway 81 Hampton, GA 30228; Owner/Agent: Hampton Travel Center; Designer/Contractor: GM Architect

Additional Efficiency Package(s): Credits: 1.0 Required 0.0 Proposed

Table: Allowed Interior Lighting Power. Columns: Area Category, Floor Area (ft2), Allowed Watts / ft2, Allowed Watts (B X C). Total Allowed Watts = 5670

Table: Proposed Interior Lighting Power. Columns: Fixture ID, Description / Lamp / Wattage Per Lamp / Ballast, Lamps / Fixture, # of Fixtures, Fixture Watt., (C X D). Total Proposed Watts = 2181

Interior Lighting PASSES: Design 62% better than code

Interior Lighting Compliance Statement: Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application.

Jeffrey H. McGee - Electrical Engineer, Signature, Date: 12/16/2025

Project Title: New Facility Hampton Travel Center; Report date: 12/16/25; Page 1 of 5

TELE / DATA NETWORK SPECIFICATIONS:

SECTION E - CONDUIT AND OUTLET SYSTEM FOR TELE / DATA NETWORK

- A. PROVIDE A COMPLETE SYSTEM OF CONDUITS AND OUTLET BOXES FOR SYSTEMS AS REQUIRED. EACH OUTLET SHALL HAVE A CONDUIT ROUTED FROM THE FLUSHED RECESSED OUTLET BOX UP TO THE ACCESSIBLE CEILING SPACE ABOVE... B. ALL CONDUIT SHALL BE CONCEALED UNLESS OTHERWISE NOTED... C. PROVIDE SERVICE ENTRANCE CONDUIT BELOW GRADE AT LOCATION AND ROUTING SHOWN OR NOTED... D. LOCATION OF OUTLETS SHALL BE AS SHOWN ON THE DRAWINGS AND HEIGHTS AS DEFINED ON LEGEND OR ELSEWHERE IN SPECIFICATIONS OR ON DRAWINGS... E. ALL RECESSED WALL OUTLETS AND BOXES IN NEW CONSTRUCTION SHALL BE TWO GANG TYPE... F. COLOR AND MATERIAL OF FACEPLATES IS TO MATCH CONVENIENCE OUTLETS AND LIGHT SWITCHES... G. BOXES FOR RECESSED INSTALLATION SHALL BE STANDARD SHEET METAL TYPE... H. PROVIDE JUMBO BLANK WALL PLATES FOR ALL OUTLETS NOT CABLED...

SECTION F - TELE / DATA NETWORK

- A. GENERAL: THE CONTRACTOR SHALL FURNISH AND INSTALL A COMPLETE TELE / DATA NETWORK AS FOLLOWS AND AS SHOWN ON PLANS... B. ALL PRODUCTS ARE TO BE INSTALLED PER THE INSTALLATION DETAILS AND REQUIREMENTS OF THE RESPECTIVE MANUFACTURER... C. CODES AND STANDARDS: CONTRACTOR IS TO COMPLY WITH THE LATEST VERSION, INCLUDING SUPPLEMENTS, OF THE FOLLOWING STANDARDS OR CODES... D. QUALIFICATIONS: DATA / VOICE CONTRACTOR SHALL SUBMIT CERTIFICATION STATING THAT HE IS AN AUTHORIZED REPRESENTATIVE AND CERTIFIED INSTALLER... E. WARRANTY: CABLING AND CONNECTORS FOR HORIZONTAL STATION OUTLET SERVICE ARE TO BE PROVIDED, TESTED AND WARRANTED AS A COMBINED END TO END SYSTEM... F. SUBMITTALS: CONTRACTOR IS SUBMIT THE FOLLOWING INFORMATION FOR REVIEW PRIOR TO PROCUREMENT OF ANY PRODUCT SPECIFIED... G. TESTING AND CERTIFICATIONS: 1. COPPER CABLE SYSTEMS: ALL DATA AND VOICE TERMINATIONS SHALL BE TESTED AND CONFORM TO TIA/EIA-568.2-D FOR STANDARD... 2. TEST RESULTS: ALL COMMUNICATIONS OUTLETS WIRED AND SERVICEABLE AND SUPPORTING HORIZONTAL OR BACKBONE CABLING SHALL BE FULLY TESTED PER THE APPROPRIATE STANDARD NOTED ABOVE AND TEST RESULTS SUBMITTED TO SHOW

COMPLIANCE WITH STANDARDS, INCLUDING AT LEAST THE FOLLOWING INFORMATION OR ITEMS CLEARLY DETAILED, NOT LESS THAN 7 DAYS PRIOR TO FINAL INSPECTION:

- a. WIRE MAP
b. LENGTH
c. INSERTION LOSS
d. NEAR-END CROSSTALK (NEXT)
e. POWER SUM NEAR END CROSSTALK (PSNEXT)
f. EQUAL-LEVEL FAR END CROSSTALK (ELFEXT)
g. POWER SUM EQUAL-LEVEL FAR END CROSSTALK (PSELFEXT)
h. RETURN LOSS
i. PROPAGATION DELAY
H. RACK AND CABINET:
1. WALL MOUNT DATA CABINET: PROVIDE AND INSTALL A WALL MOUNT SWING GATE TYPE ENCLOSED LOCKABLE CABINET WITH CLEAR PLEXI FRONT DOOR INSERT...
I. CATEGORY 6 CABLE AND CONNECTORS:
1. CAT 6 CABLE: PROVIDE AND INSTALL CATEGORY 6 DATA CABLE AND CONNECTORS AT LOCATIONS AND QUANTITIES SHOWN OR NOTED ON THE PLANS FOR VOICE AND DATA COMMUNICATIONS SYSTEM...
J. PATCH PANEL AND WIRE MANAGEMENT:
1. FOR WALL MOUNT DATA CABINET, PROVIDE MODULAR PATCH PANELS THAT ARE COMPATIBLE WITH CONNECTOR MODULES SPECIFIED...
K. FACEPLATES: FOR WORK AREA OUTLETS, PROVIDE MODULAR FACEPLATES THAT ALLOW INSTALLATION OF AND ARE FULLY COMPATIBLE WITH THE MODULAR CONNECTORS SPECIFIED ABOVE...
L. TELE / COMM BACKBOARD: PROVIDE A MINIMUM 3/4" X 4' X 8' PLYWOOD TELECOM BACKBOARD...
M. GROUNDING: PROVIDE A TELECOM GROUND BAR, 1/4" X 2" X 15" COPPER GROUND BAR MEETING REQUIREMENTS OF TIA-607-C/D AND NEMA STANDARDS...
N. LABELING: ALL CABLING, CORDS, PORTS AND EQUIPMENT SHALL BE LABELED PER THE ANSITIA-606-D ADMINISTRATION STANDARDS FOR TELECOMMUNICATIONS INFRASTRUCTURE...
O. MANUFACTURERS: CATEGORY 6 CABLING AND CONNECTORS FOR HORIZONTAL STATION OUTLET SERVICE ARE TO BE PROVIDED, TESTED AND WARRANTED AS A COMBINED END TO END SYSTEM...