

ELECTRICAL CONTRACTOR TO SUPPLY AND MOUNT ALL VOICE/DATA/SECURITY/CCTV SUPPORT HOOKS AND OR CABLE TRAY. EC IS RESPONSIBLE FOR PROVIDING SLEEVES THROUGH WALLS FOR VOICE/DATA/SECURITY/CCTV CABLING WHERE NECESSARY. FIRE STOPPING IS BY EC. EC IS TO INSTALL SUPPORT MEANS STRAIGHT AND SQUARE. ZIG ZAG INSTALLATIONS WILL NOT BE ACCEPTABLE. CABLE SUPPORTS TO BE NON-UNIFORMLY SPACED FROM 3'-0" ON CENTER MINIMUM TO 6'-0" ON CENTER MAXIMUM. CABLE SUPPORTS TO BE INSTALLED IN A STRAIGHT LINE AS SHOWN ON PLAN.

2 CABLE SUPPORT DETAIL
NTS

GENERAL INFORMATION

THE INSTALLATION AND WORKMANSHIP AND TECHNICAL ASPECTS OF LOW VOLTAGE CABLING SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE AND APPLICABLE TECHNICAL REQUIREMENTS AS SET FORTH IN THE EIA-TIA 568-A STANDARDS 4 JACKS NOT 2. IN ADDITION THE BB&T NETWORK CLIENT SUPPORT INFRASTRUCTURE STANDARD MANUAL DETAILING SPECIFICATIONS AND METHODS MANUAL FOR IT INFRASTRUCTURE ENGINEERS AND CABLING CONTRACTORS SHALL APPLY.

INSTALLATIONS SHALL BE INSTALLED IN A WORKMAN LIKE MANNER BY TECHNICIANS WITH THE NECESSARY CERTIFICATIONS. THE TECHNICIANS SHALL BE THE EMPLOYEE OF A COMPANY THAT HAS BEEN QUALIFIED BY BB&T WHICH INCLUDES PROOF OF INSURANCE, CONFIDENTIALITY AGREEMENTS, AND OTHER DOCUMENTATION THAT MAY BE REQUIRED. THE CONTRACTOR SHOULD HAVE A MINIMUM OF A SPECIAL CLASS LOW VOLTAGE ELECTRICAL CONTRACTORS LICENSE.

CERTIFICATION

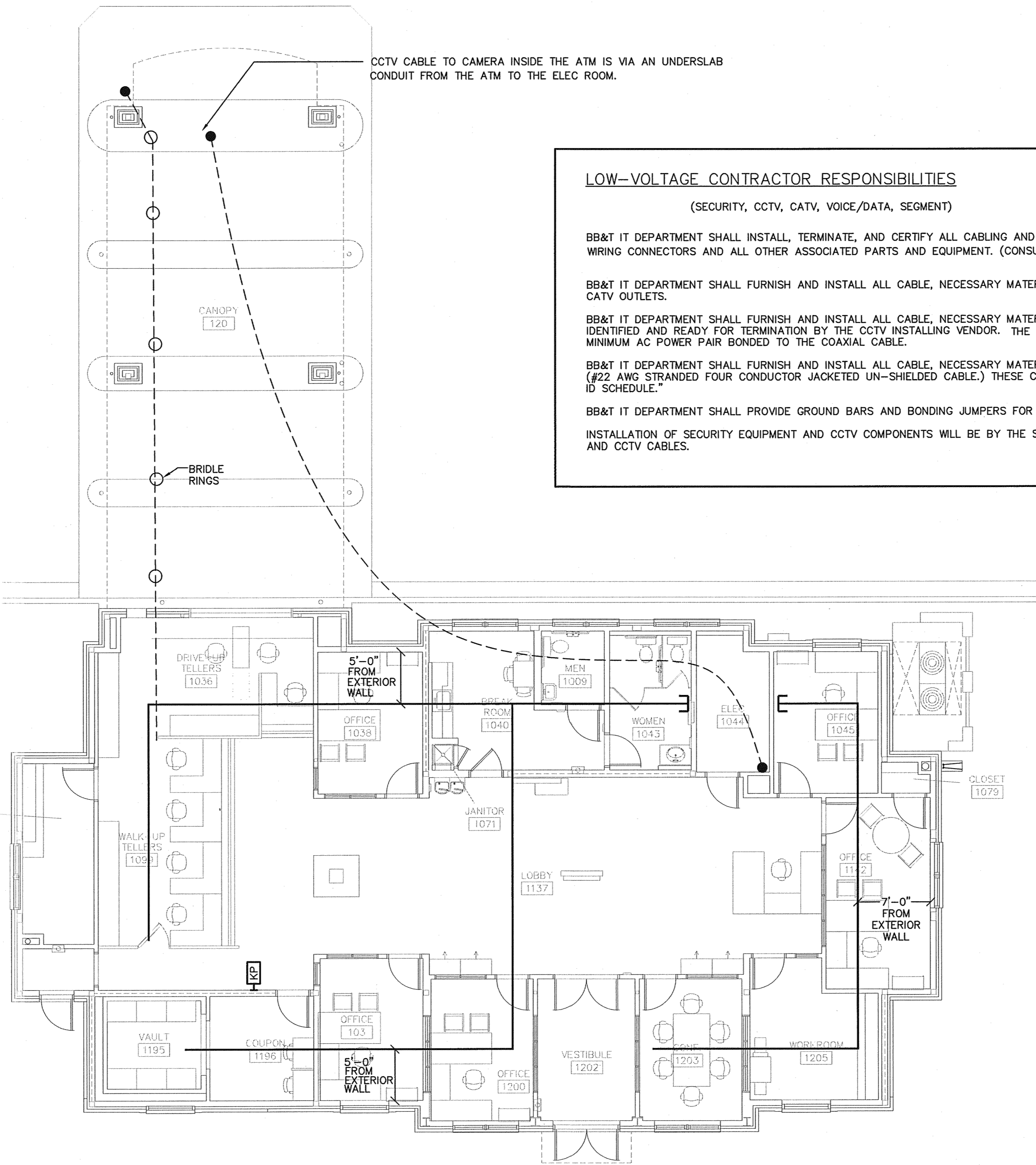
THE LOW-VOLTAGE CABLING CONTRACTOR OR SUB-CONTRACTOR SHALL BE CERTIFIED TO INSTALL TERMINATE AND TEST CATEGORY FIVE OR HIGHER VOICE/DATA CABLING AND FIBER OPTICS, BY BICSI(WWW.BICSI.ORG) A TELECOMMUNICATIONS ASSOCIATION OR OTHER ACCEPTABLE CERTIFYING ENTITY APPROVED BY BB&T.

- NOTES:**
1. ALL JUNCTION BOXES IN WALLS OBSTRUCTED BY "X" BRACING SHALL BE FED FROM A CONDUIT STUBBED UP FROM THE FLOOR AND LOOPED TO ABOVE THE CEILING WHERE "CHASE" WALL IS NOT PROVIDED.
 2. CONTRACTOR TO PROVIDE SLEEVES THRU ANY RATED WALLS.
 3. CONTRACTOR TO COORDINATE PENETRATIONS THROUGH SHEAR WALLS IN ADDITIONAL BLOCKING REQUIREMENTS NOTED ON STRUCTURAL DRAWINGS.

1 FLOOR PLAN - PRIMARY VOICE/DATA/SECURITY/CCTV
1/8" = 1'-0"

LEGEND:

- CCTV CABLE PATHS WHERE IT BRANCHES OFF THE PRIMARY VOICE/DATA/SECURITY/CCTV CABLE PATH. UTILIZE BRIDLE RINGS. CCTV CABLE SUPPORTED VIA 2" CADDY (ERICO) CAT#4BR720WS ON 4" CENTERS. RINGS SHALL BE INSTALLED STRAIGHT AND SQUARE, NO EYEBALLING AS YOU GO ZIG-ZAG PATHS. THESE RINGS SHALL ALSO BE USED TO SUPPORT LOW-VOLTAGE CONTROL CABLES TO CARRIER TUBE UNITS AND WHERE POSSIBLE. LEAVE 20" OF SLACK WIRE ABOVE CEILING AT EACH END.
- CCTV CAMERA LOCATIONS
- PRIMARY VOICE/DATA/SECURITY/CCTV CABLE PATH. NOTE: CABLES BRANCHING OFF THE PRIMARY CABLE PATH SHALL BE PROPERLY SUPPORTED BY SINGLE "J" HOOKS SIZED FOR THE APPLICATION AND SUPPORTED BY FASTENING DIRECTLY TO THE LOWER MEMBER OF THE TRUSS WITH PROPER BRACKET.
- [KP] KEY PAD
- [DC] DOOR CONTACT
- [DH] DOOR HOLDER



LOW-VOLTAGE CONTRACTOR RESPONSIBILITIES
(SECURITY, CCTV, CATV, VOICE/DATA, SEGMENT)

BB&T IT DEPARTMENT SHALL INSTALL, TERMINATE, AND CERTIFY ALL CABLING AND CONNECTORS. BB&T'S IT DEPARTMENT SHALL FURNISH VOICE AND DATA CABLES, WIRING CONNECTORS AND ALL OTHER ASSOCIATED PARTS AND EQUIPMENT. (CONSULT WITH BB&T IT ENGINEER FOR TERMINATION SEQUENCE).

BB&T IT DEPARTMENT SHALL FURNISH AND INSTALL ALL CABLE, NECESSARY MATERIALS, SUPPORT HARDWARE, CABLE CONNECTORS (TYPE "F") TO INSTALL AND TERMINATE ALL CATV OUTLETS.

BB&T IT DEPARTMENT SHALL FURNISH AND INSTALL ALL CABLE, NECESSARY MATERIALS AND SUPPORT HARDWARE TO INSTALL ALL CCTV CABLE, AS SPECIFIED AND LEAVE IT IDENTIFIED AND READY FOR TERMINATION BY THE CCTV INSTALLING VENDOR. THE CCTV CABLE SHALL BE RG 59 SOLID CENTER CONDUCTOR WITH A TWO CONDUCTOR 20 AWG MINIMUM AC POWER PAIR BONDED TO THE COAXIAL CABLE.

BB&T IT DEPARTMENT SHALL FURNISH AND INSTALL ALL CABLE, NECESSARY MATERIALS, SUPPORT HARDWARE, CABLE CONNECTORS TO INSTALL ALL SECURITY ALARM CABLES (#22 AWG STRANDED FOUR CONDUCTOR JACKETED UN-SHIELDED CABLE.) THESE CABLES SHALL BE INSTALLED AS NOTED ON THE PLANS AND IN THE "SECURITY SYSTEM CABLE USE AND ID SCHEDULE."

BB&T IT DEPARTMENT SHALL PROVIDE GROUND BARS AND BONDING JUMPERS FOR THE SECURITY BACKBOARD.

INSTALLATION OF SECURITY EQUIPMENT AND CCTV COMPONENTS WILL BE BY THE SECURITY SYSTEM AND CCTV CONTRACTOR. THIS CONTRACTOR IS TO TERMINATE AND TEST ALL SECURITY AND CCTV CABLES.

LAMBERT
ARCHITECTURE - INTERIORS

2400 Reynolds Road
Suite 202
Winston-Salem, NC 27108
Phone 336 777 3657
Fax 336 777 3658
www.lambert.com

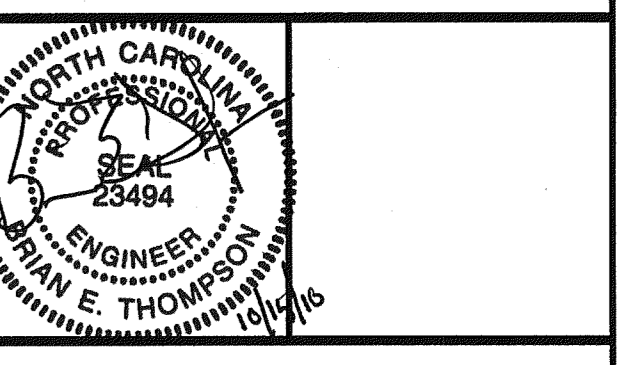
optima
engineering

1927 South Tryon St., Suite 300, Charlotte NC 28203
Phone: 704-338-1292 • www.optima.com
North Carolina License Number C-0914

BB&T

BRANCH BANK
701 VILLAGE WALK DRIVE
HOLLY SPRINGS, NC

BB&T PLANON # DEN-00000126



- OWNER REVIEW
- PRELIMINARY DOCUMENTS
 - DESIGN DEVELOPMENT DOCUMENTS
 - PERMITTING DOCUMENTS
 - BID DOCUMENTS
 - CONSTRUCTION DOCUMENTS
 - RECORD DOCUMENTS
- REVISIONS:

JOB NO: 10036
SHEET
DATE: 10/15/2010
DRAWN: MH/CMP

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