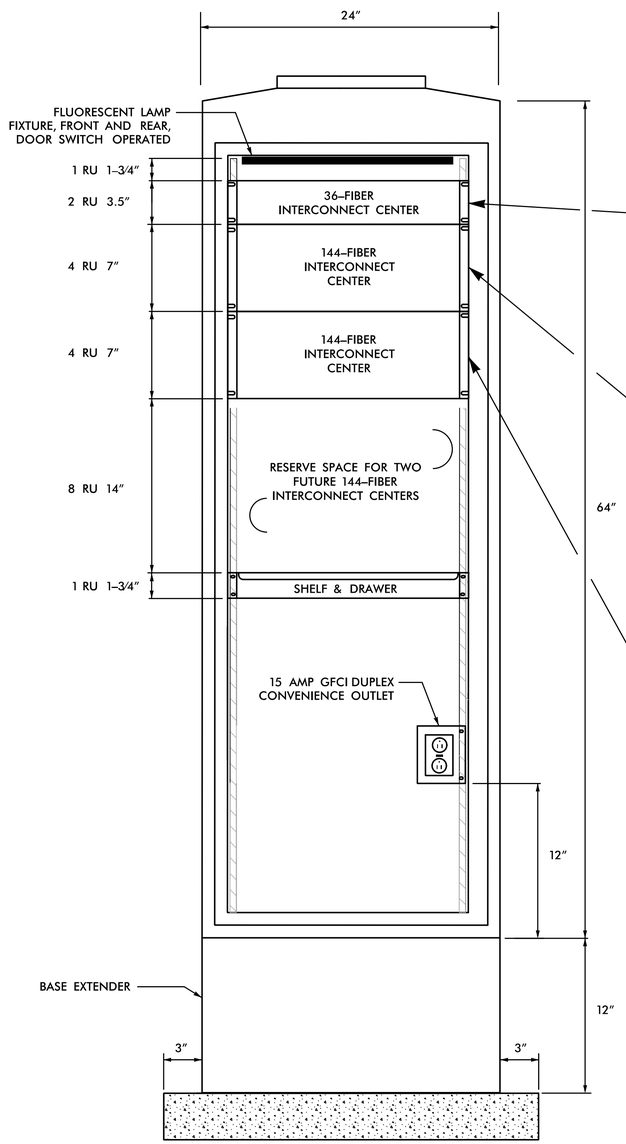
DocuSign Envelope ID: 6F43BBDB-21EE-403D-B7D9-F029B1CC8FA6

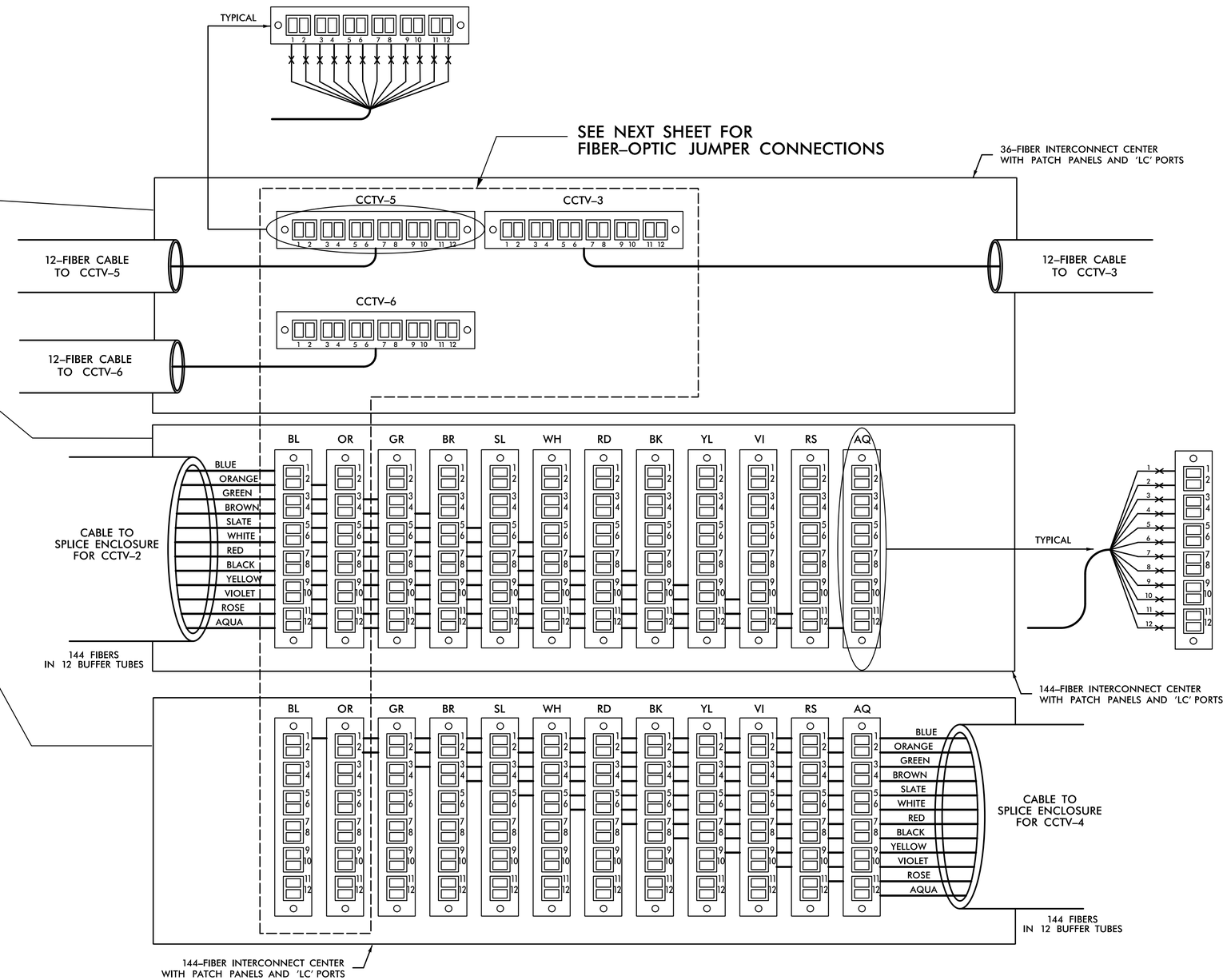
PROJECT REFERENCE NO.	SHEET NO.
R-2123CG	ITS-28



FRONT VIEW

NEW FIBER-OPTIC SPLICE CABINET #1

(DOORS ARE NOT SHOWN)



LEGEND

COLOR CODE TIA/EIA 598-C

(1)	BLUE	(7)	RED
(2)	ORANGE	(8)	BLACK
(3)	GREEN	(9)	YELLOW
(4)	BROWN	(10)	VIOLET
(5)	SLATE	(11)	ROSE
(6)	WHITE	(12)	AQUA

X = NEW FUSION SPLICE INDIVIDUAL FIBER

● = EXISTING FUSION SPLICE

C = CAP AND SEAL

EXPRESS = EXPRESS ENTIRE BUFFER TUBE THROUGH WITHOUT CUTTING

BUFFER SPLICE = SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR

NOTES

1. UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY.
2. UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE ENCLOSURE.
3. ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ ENSURING PROPER TERMINATION.

HNTB

HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

Plans Prepared for:

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
Transportation Mobility and Safety Division
Intelligent Transportation Systems Section
750 N. Greenfield Pkwy., Garner, NC 27529

SCALE: NONE

SPLICE CABINET #1
FIBER-OPTIC SPLICE DETAIL

DIVISION 10 MECKLENBURG CO. CHARLOTTE

PLAN DATE: DECEMBER 2014 REVIEWED BY: A.D. KLINKSIEK

PREPARED BY: T.R. TERRELL REVIEWED BY: H.L. WINSTEAD

REVISIONS	INIT.	DATE

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 07983 ENGINEER HARVEY L. WINSTEAD, JR.

DocuSigned by: H L Winstead — F62917C5CE07428 — 12-18-2014

SIGNATURE DATE

CADD Filename: R2123CG_ITS-28.dgn