



**NOTES**

1. ALL DIMENSIONS AND SCALE ARE APPROXIMATE.
2. ALL EQUIPMENT RACKS SHALL HAVE A MINIMUM OF ONE RACK UNIT SPACE IN BETWEEN THEM FOR VENTILATION
3. SEE RFP REQUIREMENTS FOR CABINET SIZE AND TYPE.
4. CONDUIT ENTRANCES ARE IN BOTTOM OF CABINET.
5. MINIMUM NUMBER OF OUTLETS IS THREE, (2) SPD AND (1) GFI PROTECTED.
6. SPD SHALL FULLY PROTECT ALL DATA COMMUNICATIONS BETWEEN DETECTOR AND CABINET.
7. ALL WORK AND NEW EQUIPMENT SHALL BE DESIGNED AND INSTALLED ACCORDING TO THE REQUIREMENTS AND FUNCTIONALITY DESCRIBED IN THE RFP.

CONNECTION LEGEND	
	100 BASE FX ETHERNET (FIBER)
	100 BASE TX ETHERNET
	ANALOG VIDEO
	ELECTRICAL POWER
	RS-232/422/485

REV. NO.	BY	DATE	DESCRIPTION
1	DLJ	10/7/14	Border content and labeling only

**ATKINS** 5200 77 Center Drive, Suite 50  
Charlotte, North Carolina 28217  
(704) 522-7275 NCBEES #F-0326

**ITS STANDARD DETAILS**  
MICROWAVE DETECTION  
CABINET LAYOUT

SCALE: N.T.S.  
DATE: August, 2011  
DWG. BY: B. Slocum  
DESIGN BY: A. Badgett / D. Jones  
APPROVED: A. Lelowski

NORTH CAROLINA TURNPIKE AUTHORITY  
SHEET NO. **M-3A**

\*\*\*\*\*SYTIME\*\*\*\*\*  
\*\*\*\*\*PROJECT\*\*\*\*\*  
\*\*\*\*\*DATE\*\*\*\*\*

11/13/2017  
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dsccrs

**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**

PLANS PREPARED BY:  
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RALEIGH, NORTH CAROLINA 27609-3960  
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Prepared for the Offices of:  
**STATE OF NORTH CAROLINA**  
Department of Transportation  
750 N. Greenfield Place, Garner, NC 27529

**NORTH CAROLINA TURNPIKE AUTHORITY**  
ITS STANDARD DETAIL

DIVISION 05 WAKE COUNTY TOWN OF CARY  
PLAN DATE: NOVEMBER 2017 REVIEWED BY: C.B. HOLDEN  
PREPARED BY: D.T. SEARS REVIEWED BY:

REVISIONS	INIT.	DATE

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