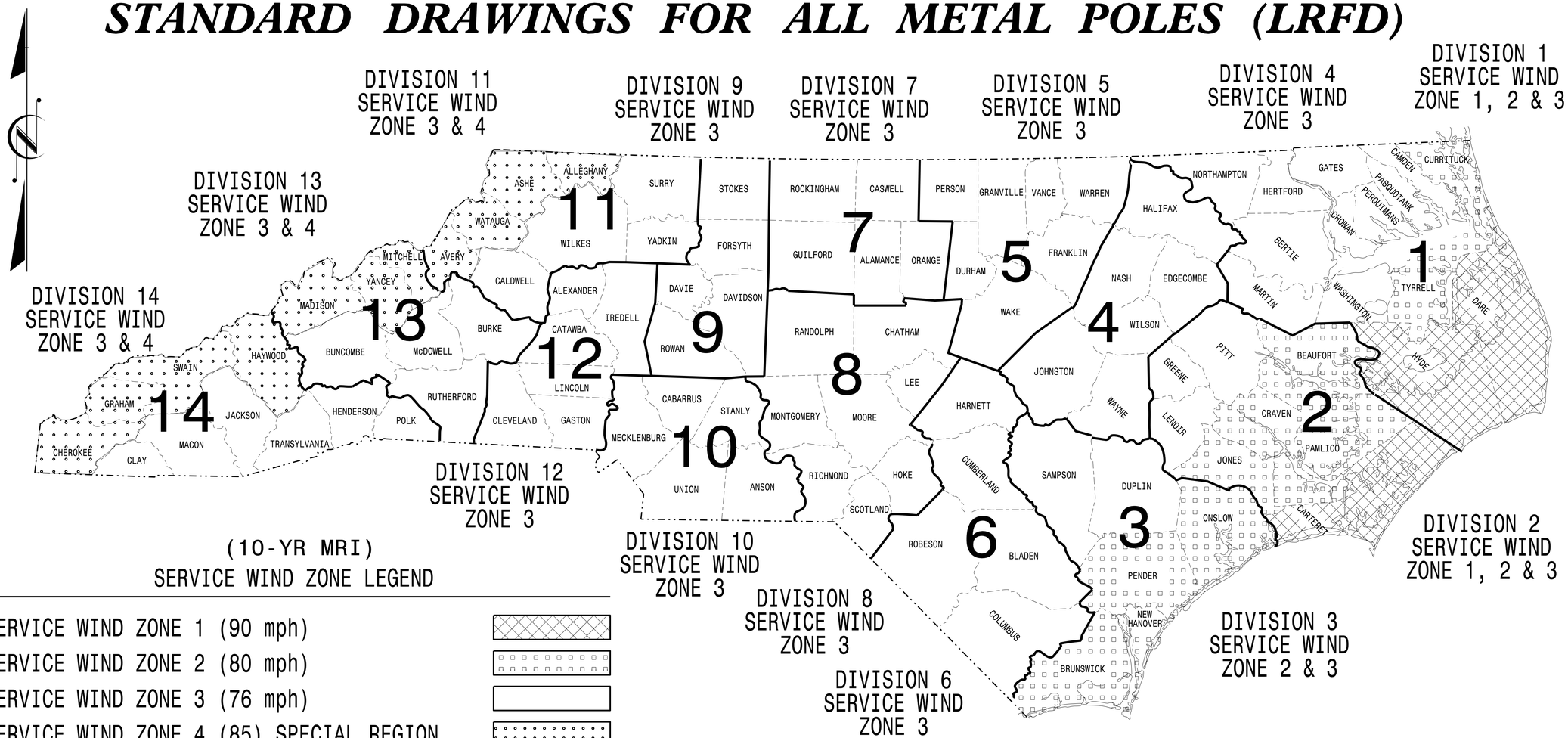
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PROJECT I.D.NO.	SHEET NO.
U-3422B	Sig.M1B

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

STANDARD DRAWINGS FOR ALL METAL POLES (LRFD)

NCDOT METAL POLE STANDARDS



(10-YR MRI)
SERVICE WIND ZONE LEGEND

SERVICE WIND ZONE 1 (90 mph)	
SERVICE WIND ZONE 2 (80 mph)	
SERVICE WIND ZONE 3 (76 mph)	
SERVICE WIND ZONE 4 (85) SPECIAL REGION	

https://connect.ncdot.gov/resources/safety/Pages/ITS-Design-Resources.aspx

Prepared in the Offices of:

Transportation Mobility and Safety Division
Signal Design Section
750 N.Greenfield Pkwy.
Garner, NC 27529

Designed in conformance with the latest 2020 Interim to the 1st Edition 2015

AASHTO LRFD

Standard Specifications for Highway Signs, Luminaires, and Traffic Signals

INDEX OF PLANS

DRAWING NUMBER	*DESCRIPTION*
Sig. M 1A	*Statewide Wind Zone Map (700–yr MRI)*
Sig. M 1B	*Statewide Wind Zone Map (10–yr MRI)*
Sig. M 2	*Typical Fabrication Details–All Metal Poles*
Sig. M 3	*Typical Fabrication Details–Strain Poles*
Sig. M 4	*Typical Fabrication Details–Mast Arm Poles*
Sig. M 5	*Typical Fabrication Details–Mast Arm Connection*
Sig. M 6	*Typical Fabrication Details–Strain Pole Attachments*
Sig. M 7	*Construction Details–Foundations*
Sig. M 8	*Standard Strain Pole Foundation–All Soil Conditions*

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Kevin Durigon
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