

Sig.M5

SECTION B-B
FULL-PENETRATION GROOVE WELD DETAIL

PLAN VIEW

NOTES:

1. PROVIDE A PERMANENT MEANS OF IDENTIFICATION ABOVE THE MAST ARM TO INDICATE PROPER ATTACHMENT ORIENTATION OF THE MAST ARM.
2. DESIGNER WILL DETERMINE THE SIZE OF ALL STRUCTURAL COMPONENTS, PLATES, FASTENERS, AND WELDS SHOWN UNLESS THEY ARE ALREADY SPECIFIED.
3. FABRICATOR IS RESPONSIBLE FOR PROVIDING APPROPRIATE HOLES AT DRAINAGE POINTS TO DRAIN GALVANIZING MATERIALS.
4. FOR MINIMUM EDGE DISTANCE AND NOMINAL BOLT HOLE SIZE, FOLLOW THE LATEST AISC STEEL CONSTRUCTION MANUAL.
5. PROVIDE UPPER HANDHOLE AS NECESSARY WHEN SHAFT EXTENSIONS ARE REQUIRED FOR LUMINAIRE ARMS OR CAMERA. FOR POLES WITHOUT LUMINAIRES/CAMERA, WIRING CAN BE DONE THROUGH THE TOP OF POLE.
6. ALLOWABLE RANGE OF FLANGE TILT ANGLE WILL VARY FROM 0° TO AS REQUIRED.

FRONT ELEVATION VIEW

SIDE ELEVATION VIEW

BACK ELEVATION VIEW

SECTION A-A
MAST ARM ATTACHMENT PLATE

BOTTOM VIEW

Prepared In The Offices of:  750 N. Greenfield Pkwy, Garner, NC 27529 0 NA  ONE	Typical Fabrication Details For Mast Arm Connection To Pole	SEAL NORTH CAROLINA PROFESSIONAL SEAL 036626 ENGINEER KEVIN C. DURIGON DocuSigned by: <i>Kevin Durigon</i> SIGNATURE 4R23DC79R3Z84DA																											
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; border-bottom: 1px solid black;">PLAN DATE: SEPTEMBER 2023</td> <td style="width: 33%; border-bottom: 1px solid black;">DESIGNED BY: C.F. ANDREWS</td> <td style="width: 33%;"></td> </tr> <tr> <td style="border-bottom: 1px solid black;">PREPARED BY: K.C. DURIGON</td> <td style="border-bottom: 1px solid black;">REVIEWED BY: D.C. SARKAR</td> <td></td> </tr> <tr> <td style="border-bottom: 1px solid black; text-align: center;">REVISIONS</td> <td style="border-bottom: 1px solid black; text-align: center;">INIT.</td> <td style="border-bottom: 1px solid black; text-align: center;">DATE</td> </tr> <tr><td style="border-bottom: 1px solid black;"></td><td style="border-bottom: 1px solid black;"></td><td style="border-bottom: 1px solid black;"></td></tr> <tr><td style="border-bottom: 1px solid black;"></td><td style="border-bottom: 1px solid black;"></td><td style="border-bottom: 1px solid black;"></td></tr> <tr><td style="border-bottom: 1px solid black;"></td><td style="border-bottom: 1px solid black;"></td><td style="border-bottom: 1px solid black;"></td></tr> <tr><td style="border-bottom: 1px solid black;"></td><td style="border-bottom: 1px solid black;"></td><td style="border-bottom: 1px solid black;"></td></tr> <tr><td style="border-bottom: 1px solid black;"></td><td style="border-bottom: 1px solid black;"></td><td style="border-bottom: 1px solid black;"></td></tr> <tr><td style="border-bottom: 1px solid black;"></td><td style="border-bottom: 1px solid black;"></td><td style="border-bottom: 1px solid black;"></td></tr> </table>			PLAN DATE: SEPTEMBER 2023	DESIGNED BY: C.F. ANDREWS		PREPARED BY: K.C. DURIGON	REVIEWED BY: D.C. SARKAR		REVISIONS	INIT.	DATE																		
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