
ORINATION FORM

Proposed Revisions to a Standard Plans Index

(Please provide all information — Incomplete forms will be returned)

Contact Information:

Date: June 27, 2023

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Standard Plans:

Index Number: 649-031

Sheet Number (s): 2 of 6

Index Title: MAST ARM ASSEMBLIES

Summary of the changes:

Sheet 2: Changed Note 3 and revised Section A-A to add clarity to anchor bolt nuts.

Commentary / Background:

Sheet 2: These changes were to add clarity, consistency, and specificity to the anchor bolt nuts.

Other Affected Offices / Documents: (Provide name of person contacted)

- | Yes | No | |
|--------------------------|-------------------------------------|-----------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Other Standard Plans – |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | FDOT Design Manual – |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Basis of Estimates Manual – |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Standard Specifications – |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Approved Product List – |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Construction – |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Maintenance – |

Origination Package Includes: (Submit package to Rick Jenkins)

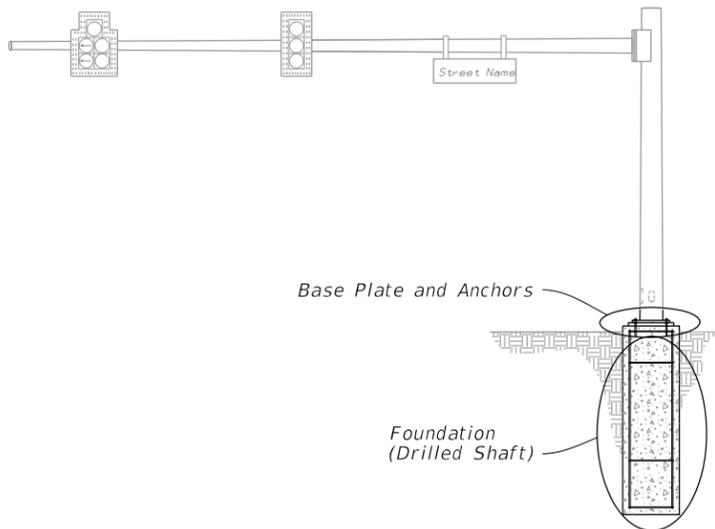
- | Yes | N/A | |
|-------------------------------------|--------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Redline Mark-ups |
| <input type="checkbox"/> | <input type="checkbox"/> | Revised or Proposed Standard Plan Instruction (SPI) |
| <input type="checkbox"/> | <input type="checkbox"/> | Other Support Documents |

Implementation:

- | | |
|-------------------------------------|----------------------------------|
| <input type="checkbox"/> | Design Bulletin (Interim) |
| <input type="checkbox"/> | DCE Memo |
| <input type="checkbox"/> | Program Mgmt. Bulletin |
| <input checked="" type="checkbox"/> | FY-Standard Plans (Next Release) |

Contact the Roadway Design Office for assistance in completing this form

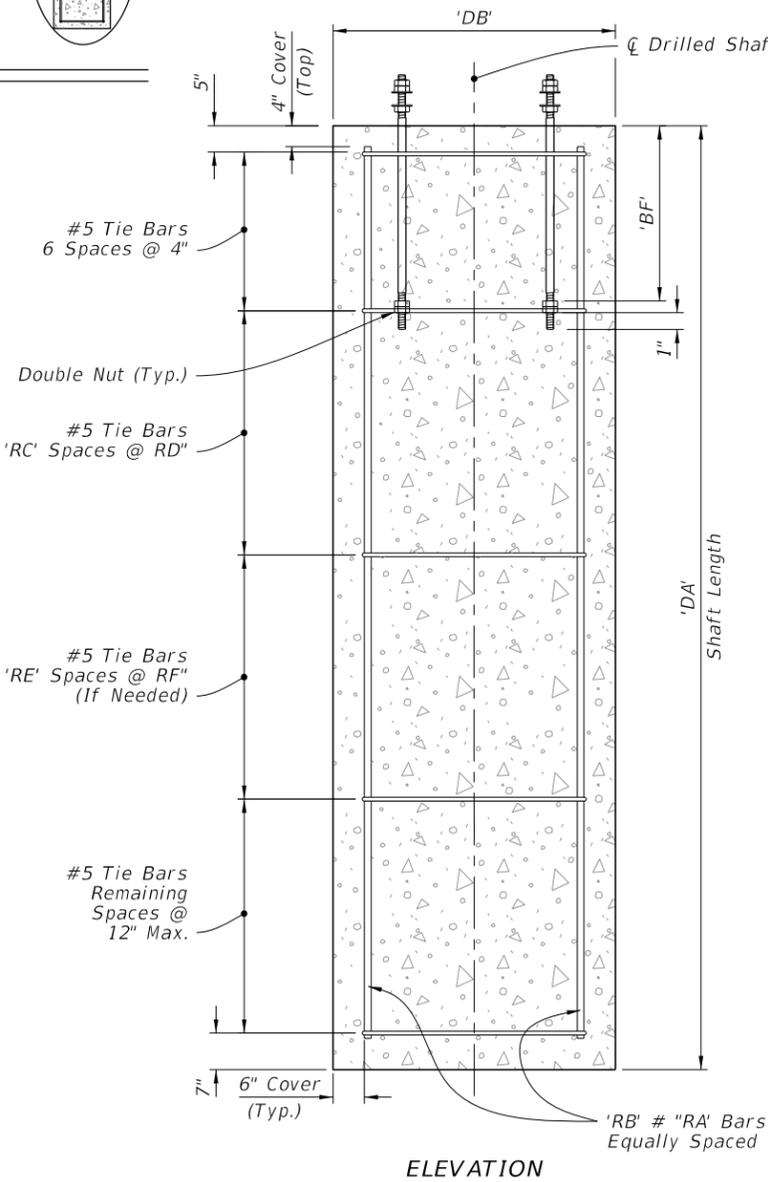
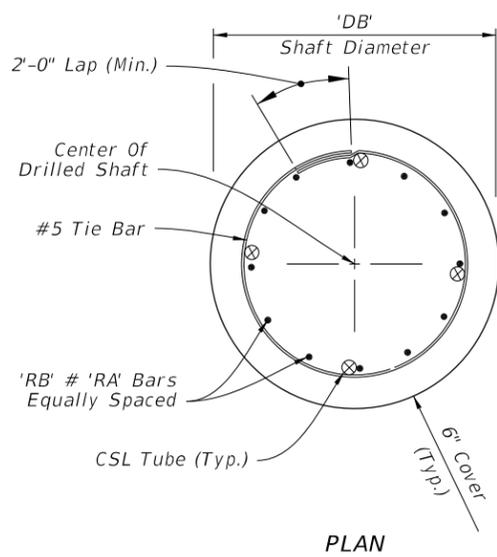
Email to: Rick Jenkins rick.jenkins@dot.state.fl.us and Darren Martin darren.martin@dot.state.fl.us



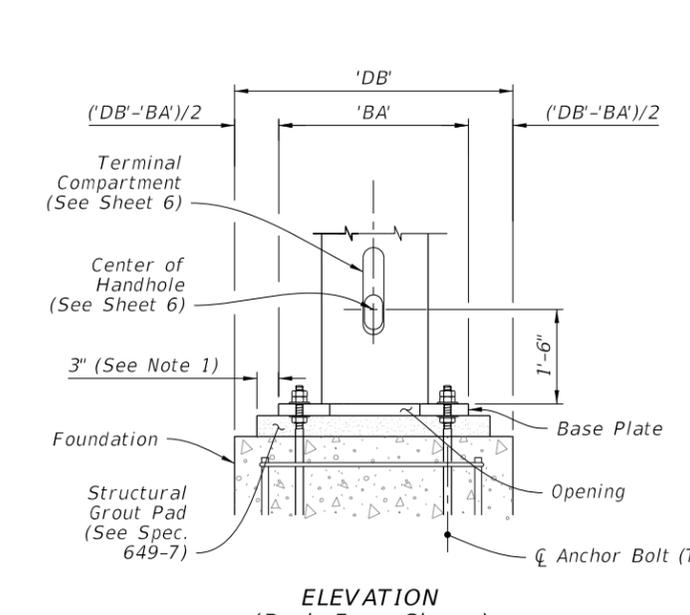
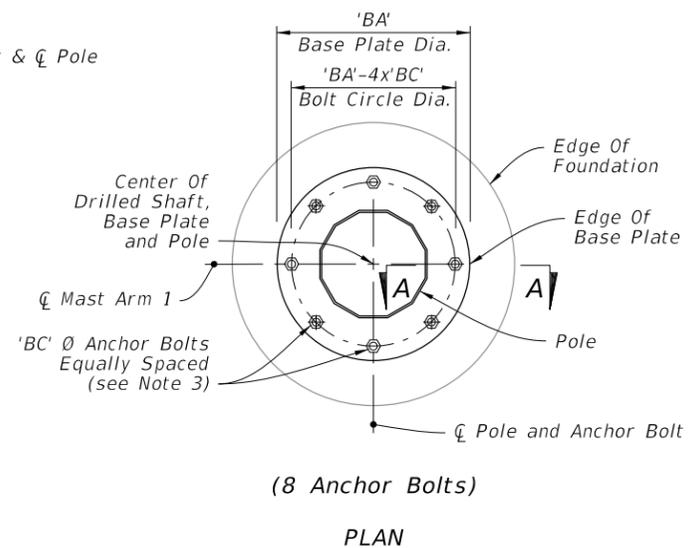
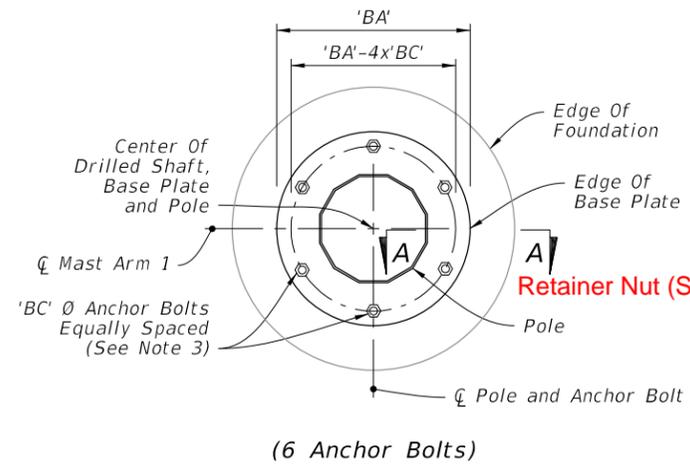
MAST ARM ASSEMBLY

NOTES:

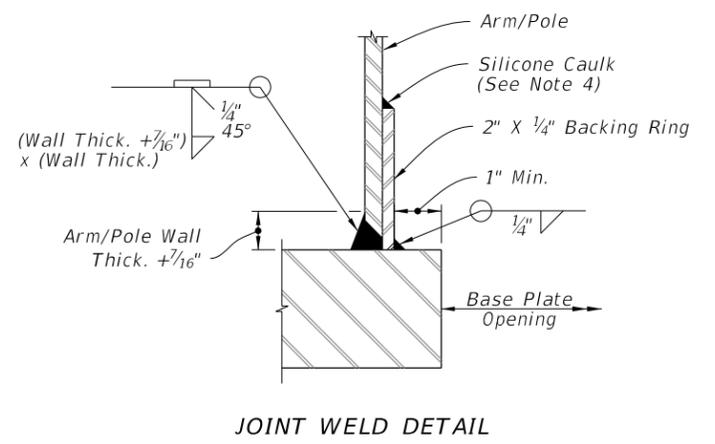
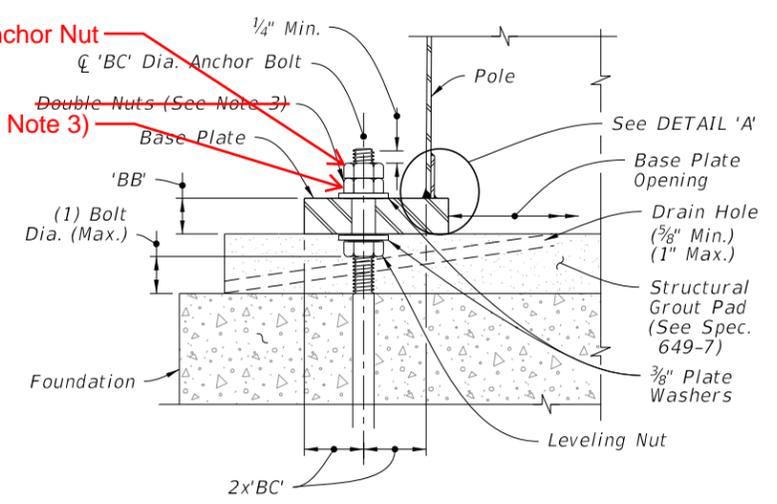
- The Structural Grout Pad diameter may be reduced where the footprint of the Grout Pad does not provide adequate clearance for the sidewalk and/or accessibility considerations.
- See Index 649-030 and the plans for actual quantity of bolts in the Base Plate Connection.
- The ~~bottom hex nut of the Double Nuts~~ shown in Section A-A may be substituted by a half-height ~~anchor jam nut~~ **retainer**. Provide individual nut covers (not shown) for each bolt.
- Detail 'A' Silicone Caulk may be applied after installation. Consult with Manufacturer to determine the suitability of the caulk to be applied.



FOUNDATION



BASE PLATE CONNECTION



DETAIL 'A'

FOUNDATION AND BASE PLATE DETAILS

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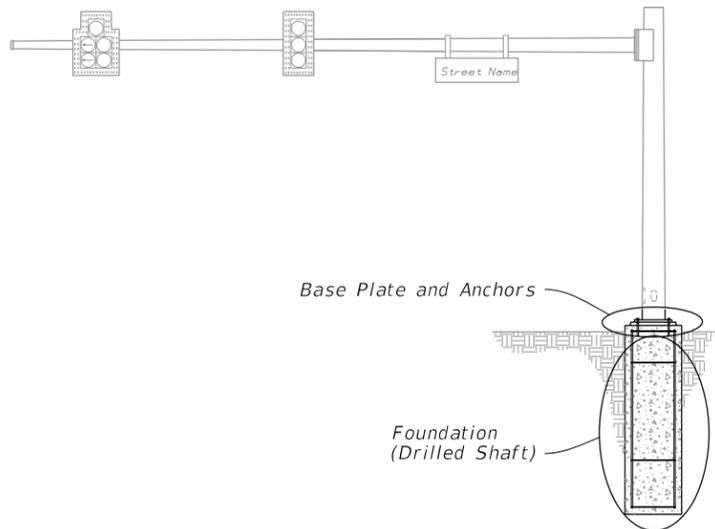
LAST REVISION	DESCRIPTION:
11/01/21	11/01/23



FY 2023-24
STANDARD PLANS

MAST ARM ASSEMBLIES

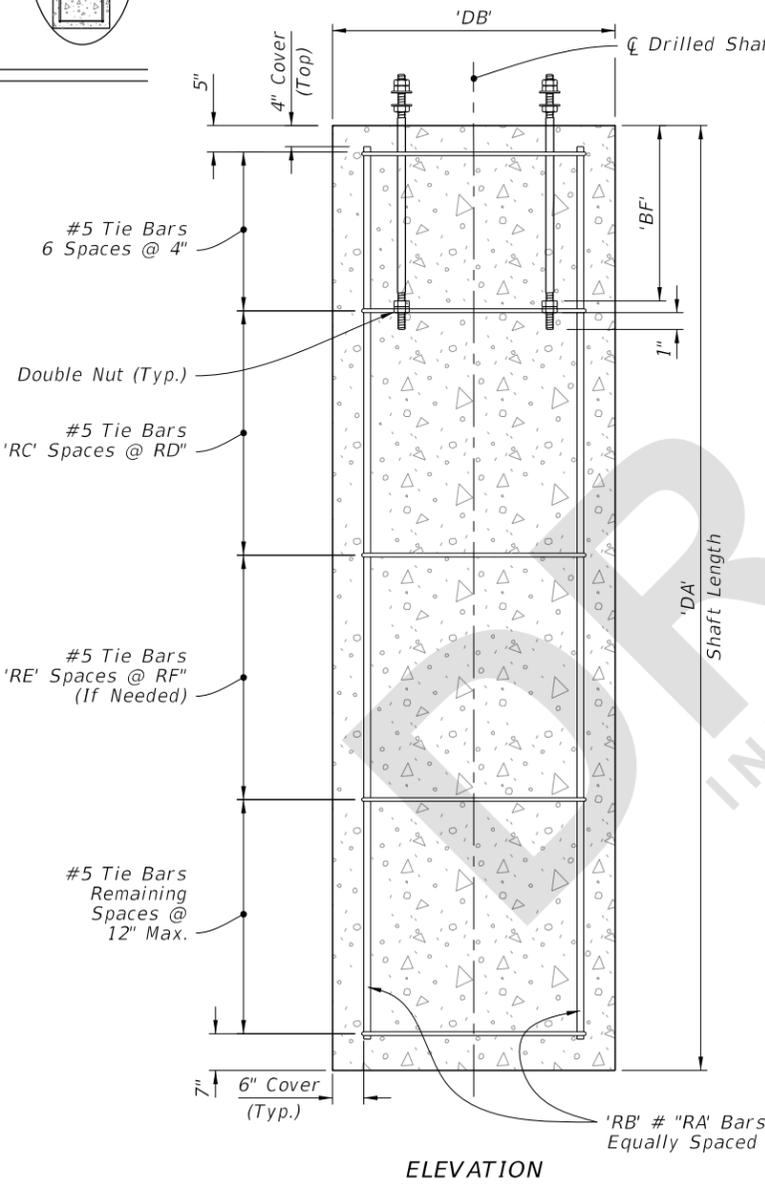
INDEX	SHEET
649-031	2 of 6



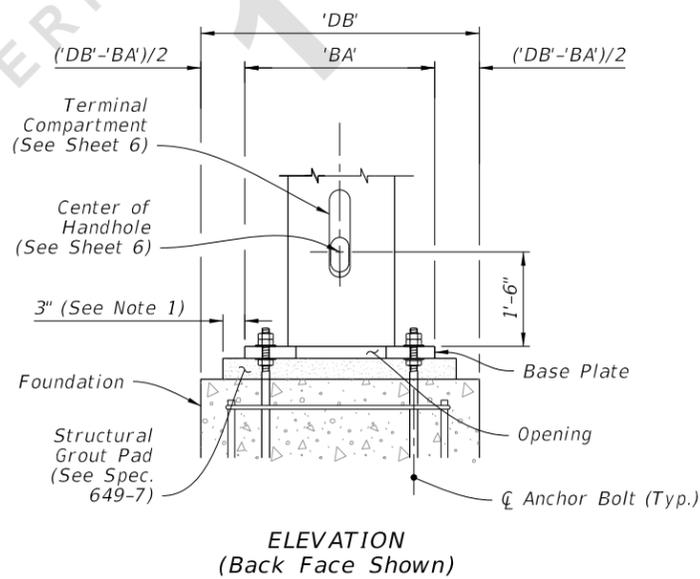
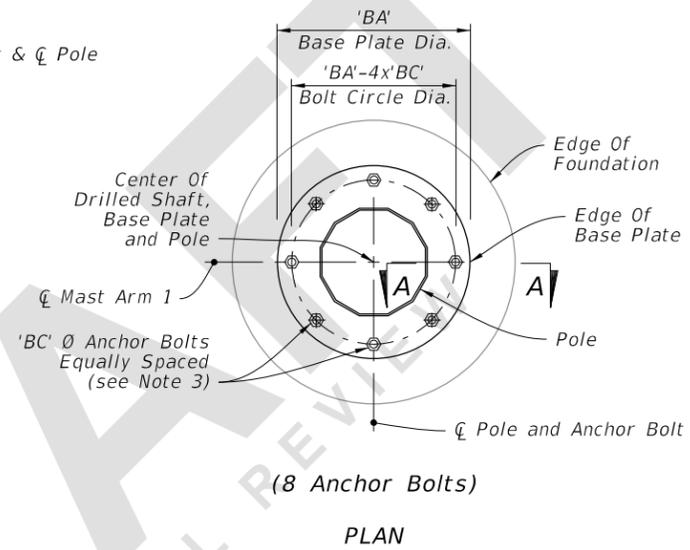
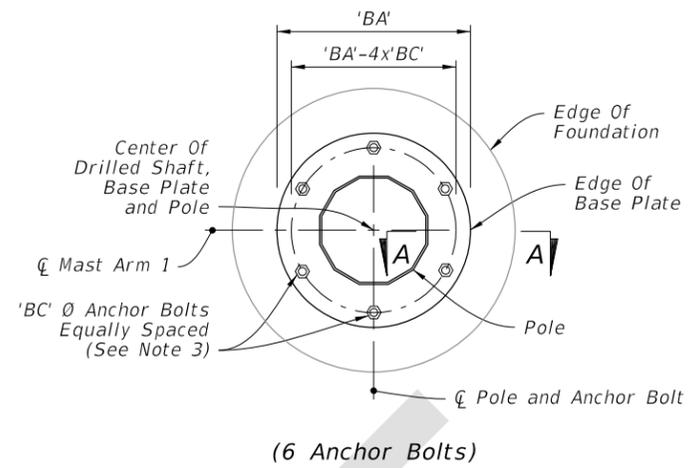
MAST ARM ASSEMBLY

NOTES:

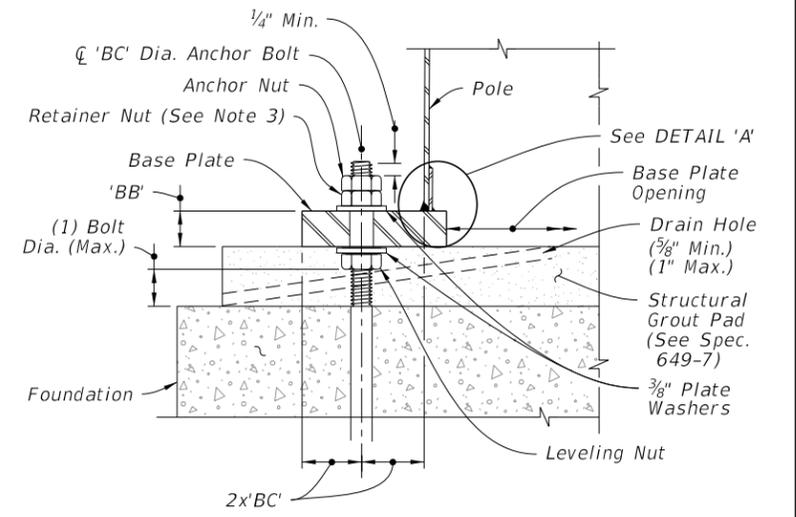
1. The Structural Grout Pad diameter may be reduced where the footprint of the Grout Pad does not provide adequate clearance for the sidewalk and/or accessibility considerations.
2. See Index 649-030 and the plans for actual quantity of bolts in the Base Plate Connection.
3. The retainer nut shown in Section A-A may be half-height. Provide individual nut covers (not shown) for each bolt.
4. Detail 'A' Silicone Caulk may be applied after installation. Consult with Manufacturer to determine the suitability of the caulk to be applied.



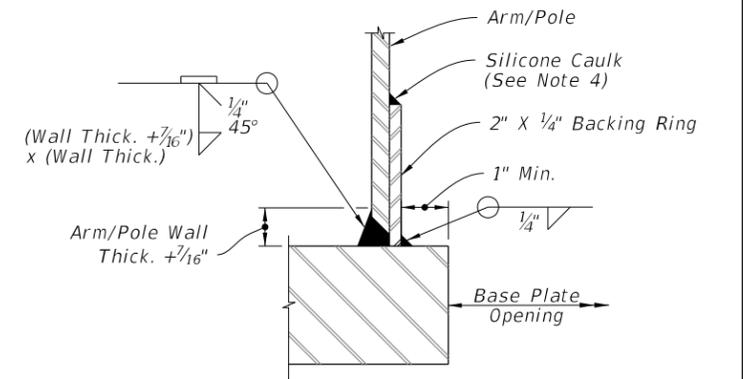
FOUNDATION



BASE PLATE CONNECTION



SECTION A-A



JOINT WELD DETAIL

DETAIL 'A'

FOUNDATION AND BASE PLATE DETAILS

9:07:37 AM
6/28/2023

LAST REVISION	DESCRIPTION:
11/01/23	

FY 2024-25
 STANDARD PLANS

MAST ARM ASSEMBLIES

INDEX	SHEET
649-031	2 of 6