

ORIGINATION FORM

Proposed Revisions to a Standard Plans Index
(Please provide all information – Incomplete forms will be returned)

Contact Information:

Date: June 28, 2018
Originator: **Andre Pavlov**
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Email:

Standard Plans:

Index Number: **659-010**
Sheet Number (s): 1 of 1
Index Title: Span Wire Mounted sign Details

Summary of the changes:

Change Notes, Change Sign Mounting Detail; Change Detail of Opposing Signs; Delete Adjustable hanger for Sign Mounting. Delete bottom right corner sub- title.

Commentary / Background:

Notes are part of the continuing effort for consistency. Other changes relate to changes for Overhead signs (consistency).

Other Affected Offices / Documents: (Provide name of responsible personnel)

- | Yes | No | |
|-------------------------------------|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Other Standard Plans – Andre Pavlov |
| <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 – |

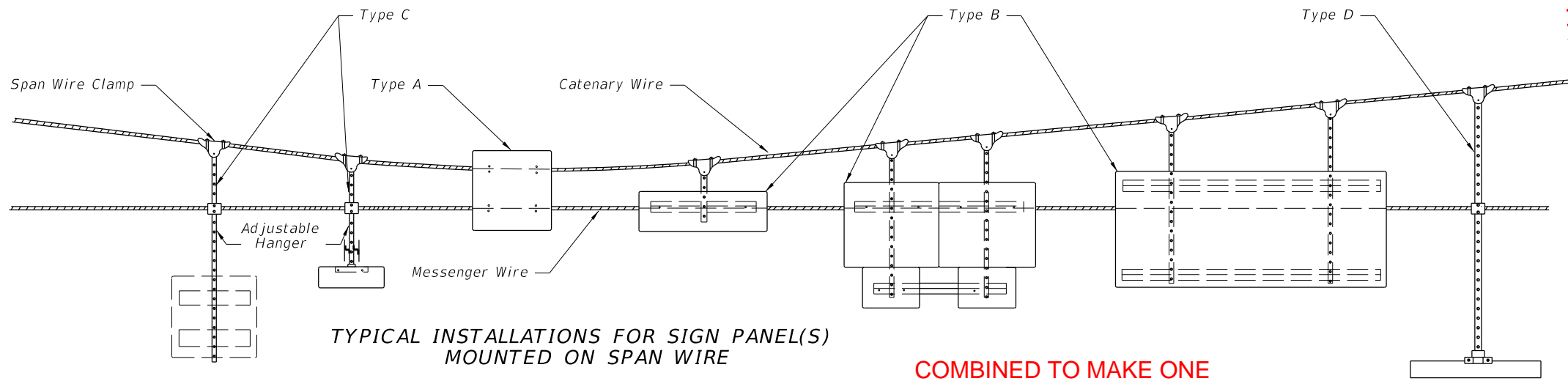
Origination Package Includes: (Email or hand deliver package to Derwood Sheppard)

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

Implementation:

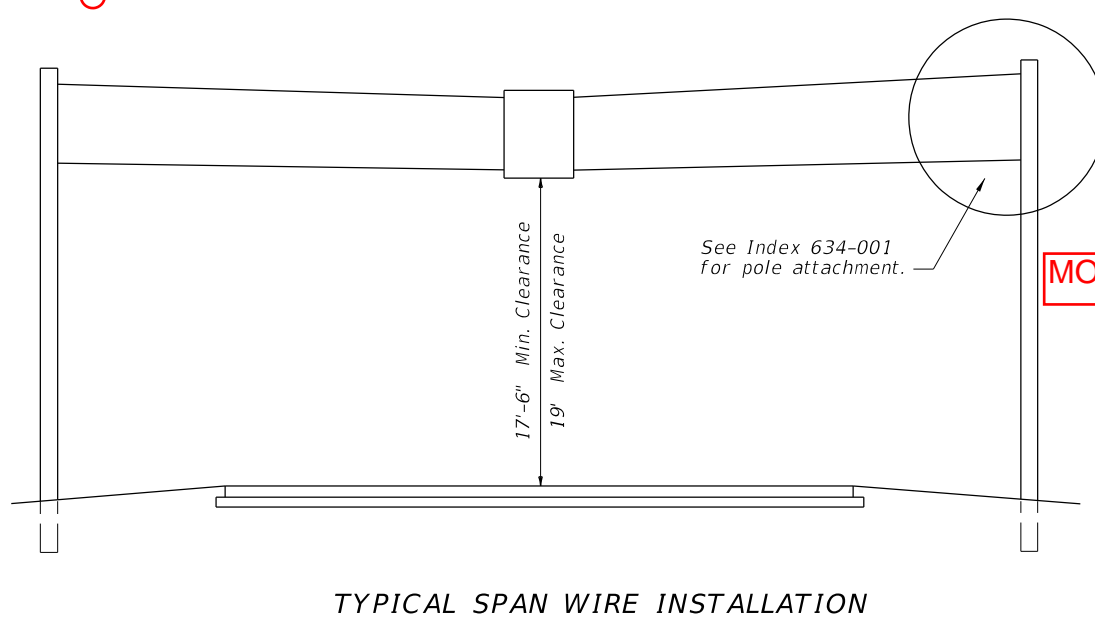
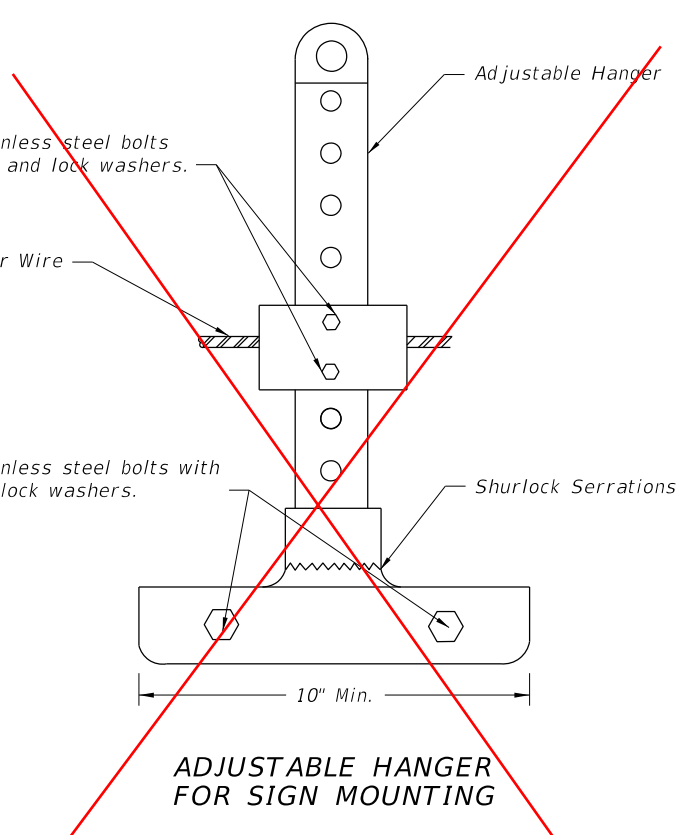
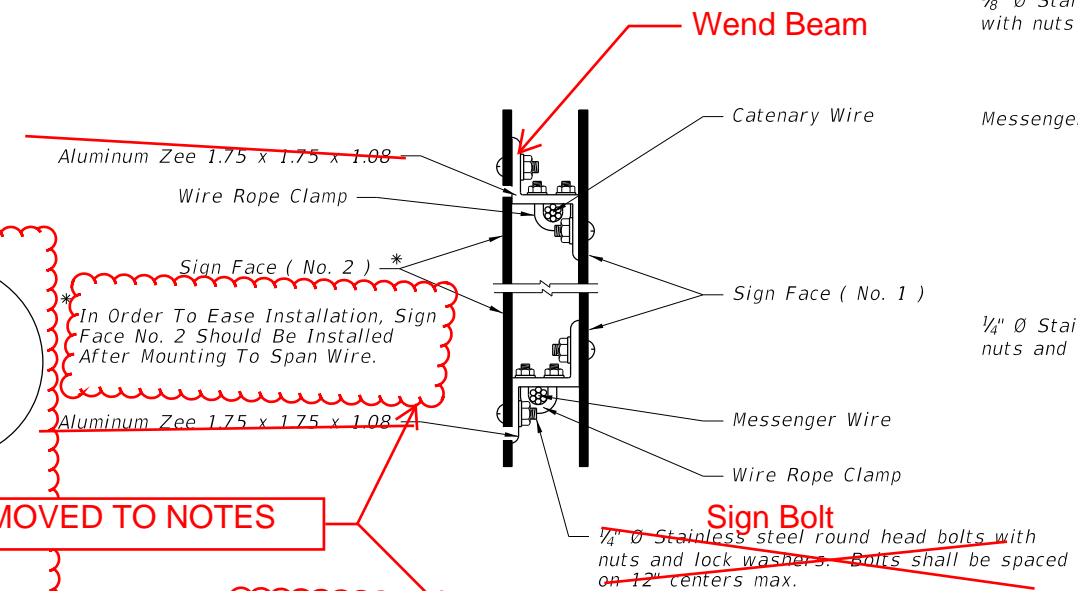
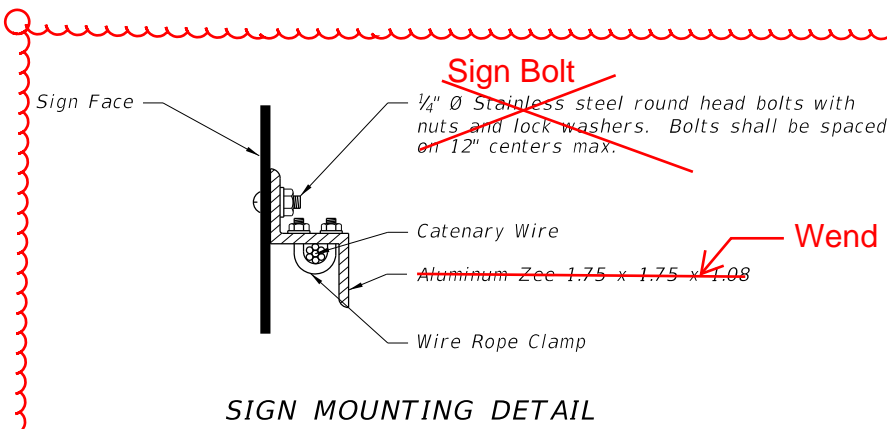
- Design Bulletin (Interim) DCE Memo Program Mgmt. Bulletin FY-Standard Plans (Next Release)

Contact the Roadway Design Office for assistance in completing this form



COMBINED TO MAKE ONE

- Notes:
1. Bottom edge of signs shall be approximately at the same elevation.
 2. Type B & C attachments with one hanger shall have wind beams for signs wider than 3½'. The beams shall extend to within 6" of the sign edge.
 3. Type B & C attachments for signs 4' and wider shall have 2 hangers. Signs 7' and wider shall have wind beams that extend to within 6" of the sign edge.
 4. Type D attachments shall be for signs 3½' wide or less.
 5. Sign panels shall meet the requirements of Index 700-020.
 6. Refer to section 634 of the Standard Specifications For Road And Bridge Construction.
 7. All bolts, nuts, and washers shall be passivated stainless steel, AISI 300 series, commercial grade, type 316.
- UPDATED NOTES**



* In Order To Ease Installation, Sign Face No. 2 Should Be Installed After Mounting To Span Wire.

MOVED TO NOTES

The overlapped connection of adjustable hangers shall use a minimum of 2 bolts with a minimum spacing between bolts of 2".

UPDATED

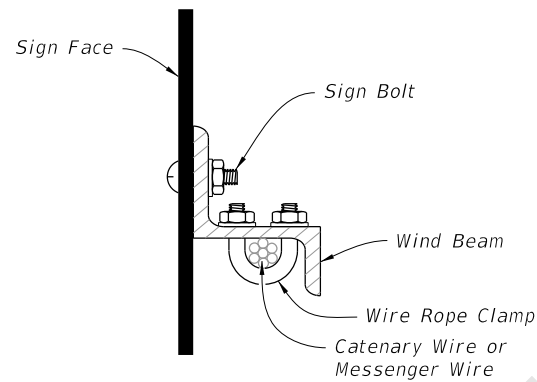
TWO POINT ATTACHMENT

10/16/2017 10:33:53 AM

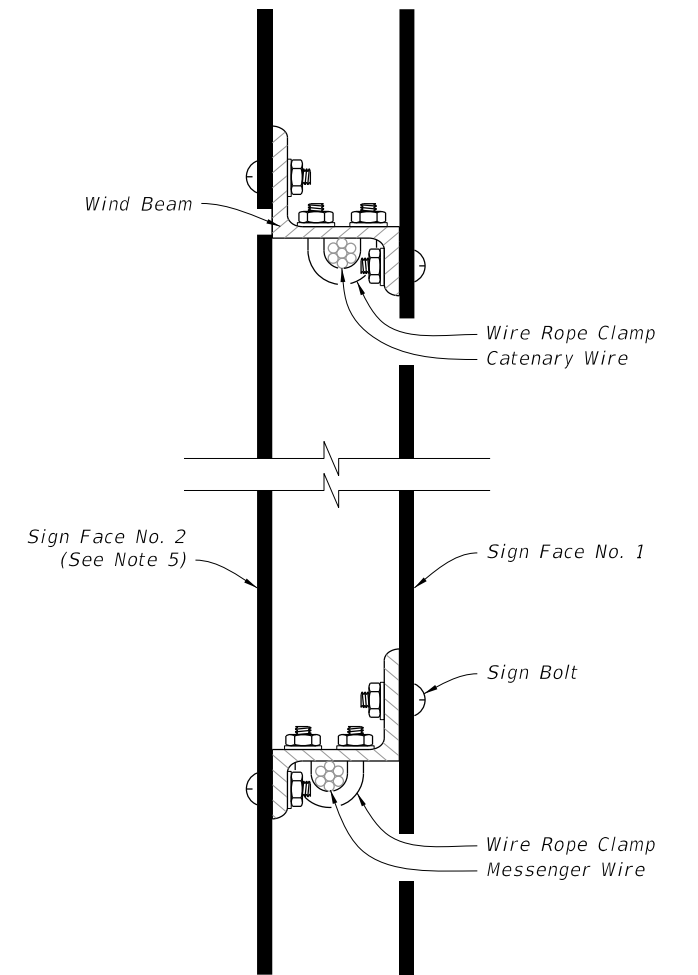
LAST REVISION	DESCRIPTION:
11/01/17	11/01/18

NOTES:

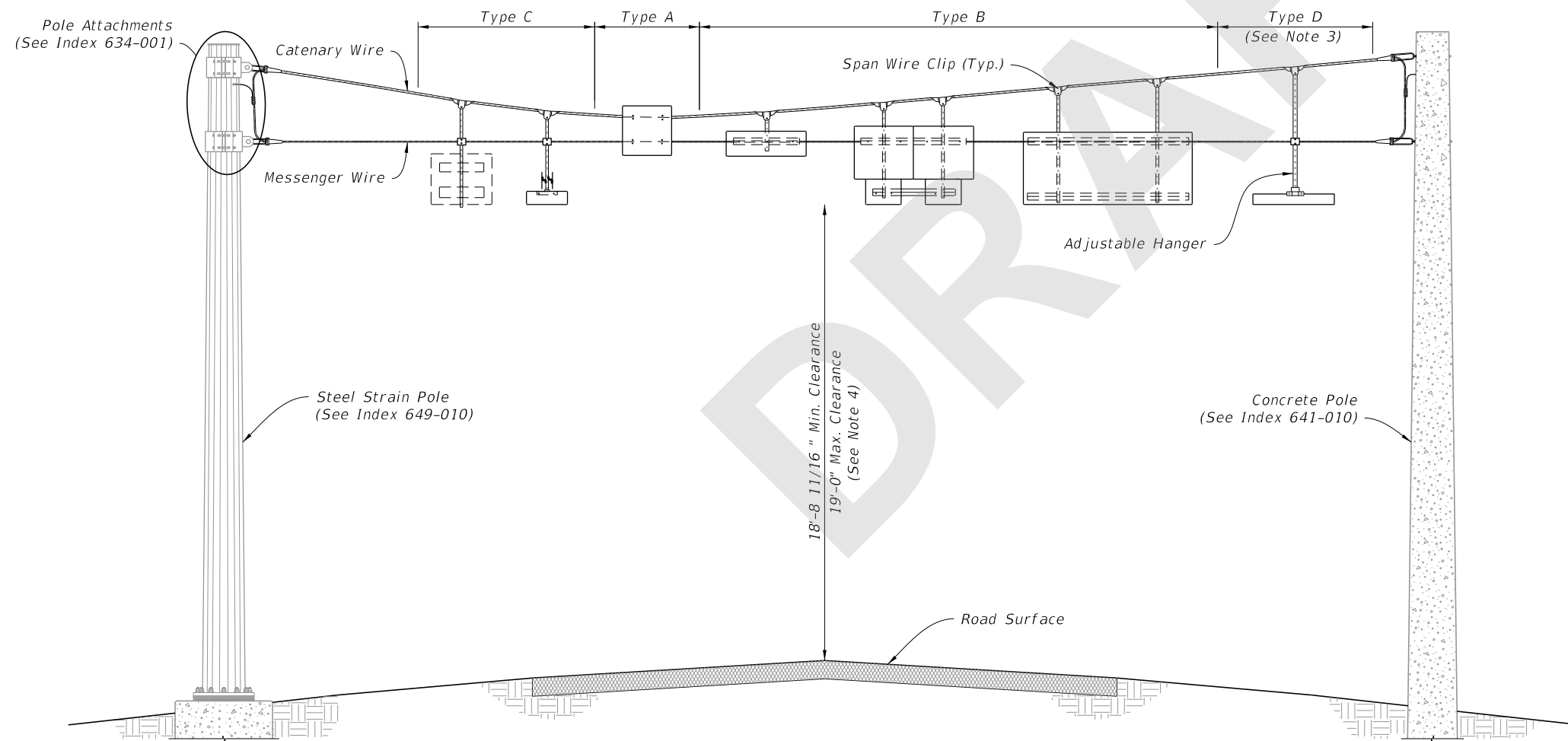
1. Materials:
 - A. Sign panels, wind beams and associated hardware: See Index 700-101
 - B. Sign adjustable hangers, wire rope clamps and associated hardware: See APL
 - C. Wire and additional hardware requirements: See Specification 634
2. Type B and C Attachments:
 - A. Extend wind beams to within 6" of the sign edge.
 - B. Number of sign hangers required based on sign width:
 - a. Sign width < 4'-0": One
 - b. 4'-0" ≤ sign width ≤ 7'-0" : Two
 - C. Number of wind beams required based on sign depth:
 - a. Sign depth < 3'-6": One
 - b. 3'-6" ≤ Sign depth ≤ 7'-0": Two
3. Type D Attachments:
Maximum sign width = 3'-0"
4. Align the bottom edges of signs to approximately the same elevation.
5. Use a minimum of 2 bolts with a minimum spacing of 2" for overlapped connection of the adjustable hangers.



==== SIGN MOUNTING DETAIL ====




==== OPPOSING SIGN MOUNTING DETAIL ====



==== TYPICAL INSTALLATIONS FOR SIGN PANEL(S) MOUNTED ON SPAN WIRE ====

8/14/2018 10:53:36 AM

LAST REVISION 11/01/18	DESCRIPTION:	 FY 2019-20 STANDARD PLANS	SPAN WIRE MOUNTED SIGN DETAILS	INDEX 659-010	SHEET 1 of 1
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