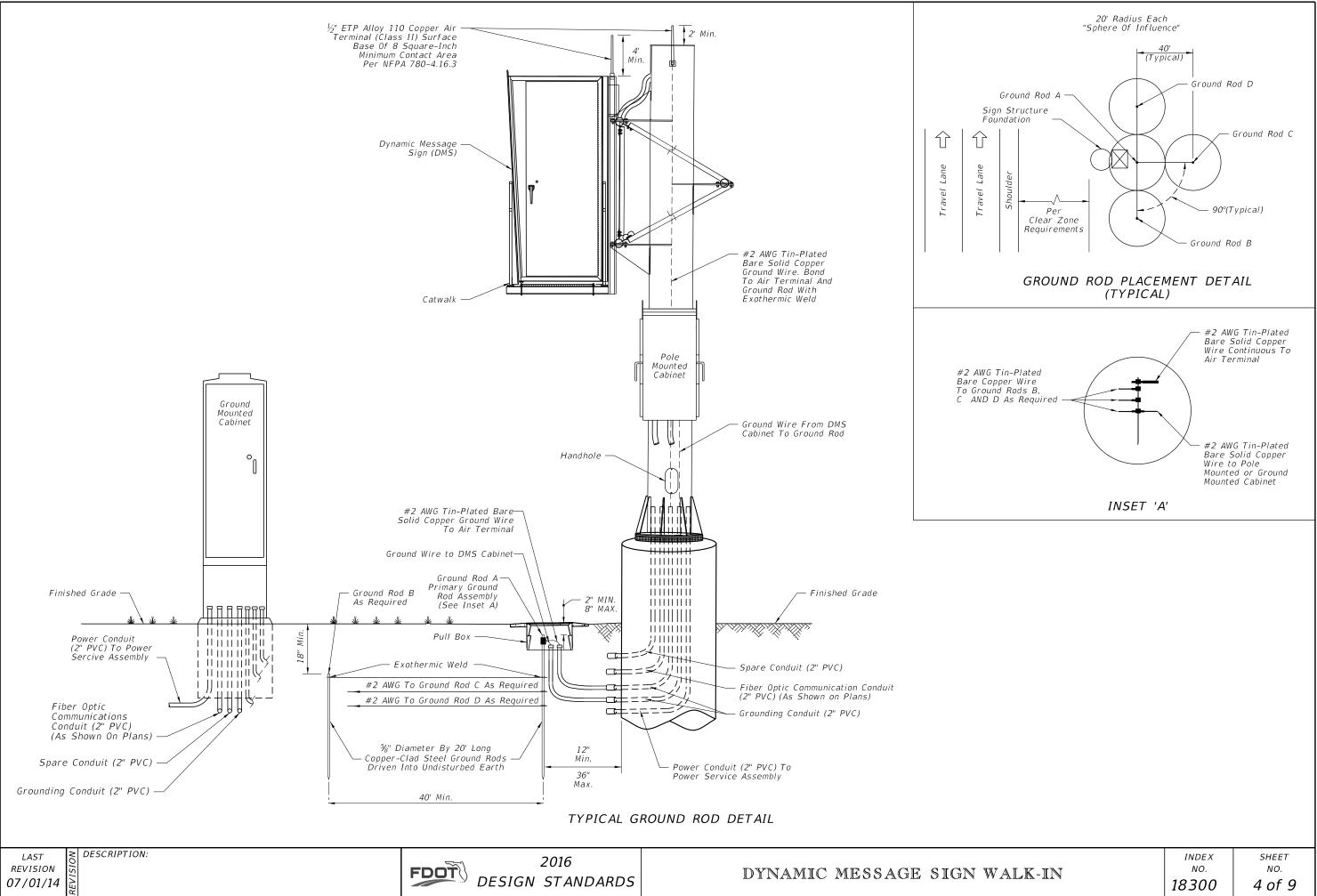
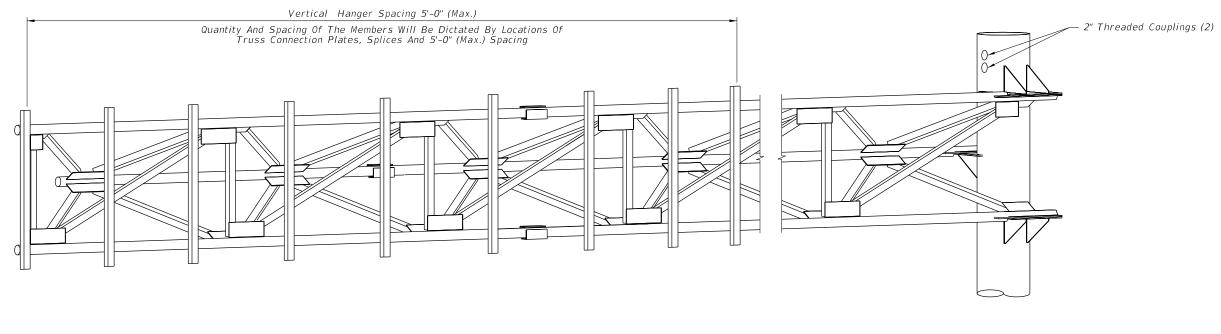


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## HANGER LOCATION DETAIL

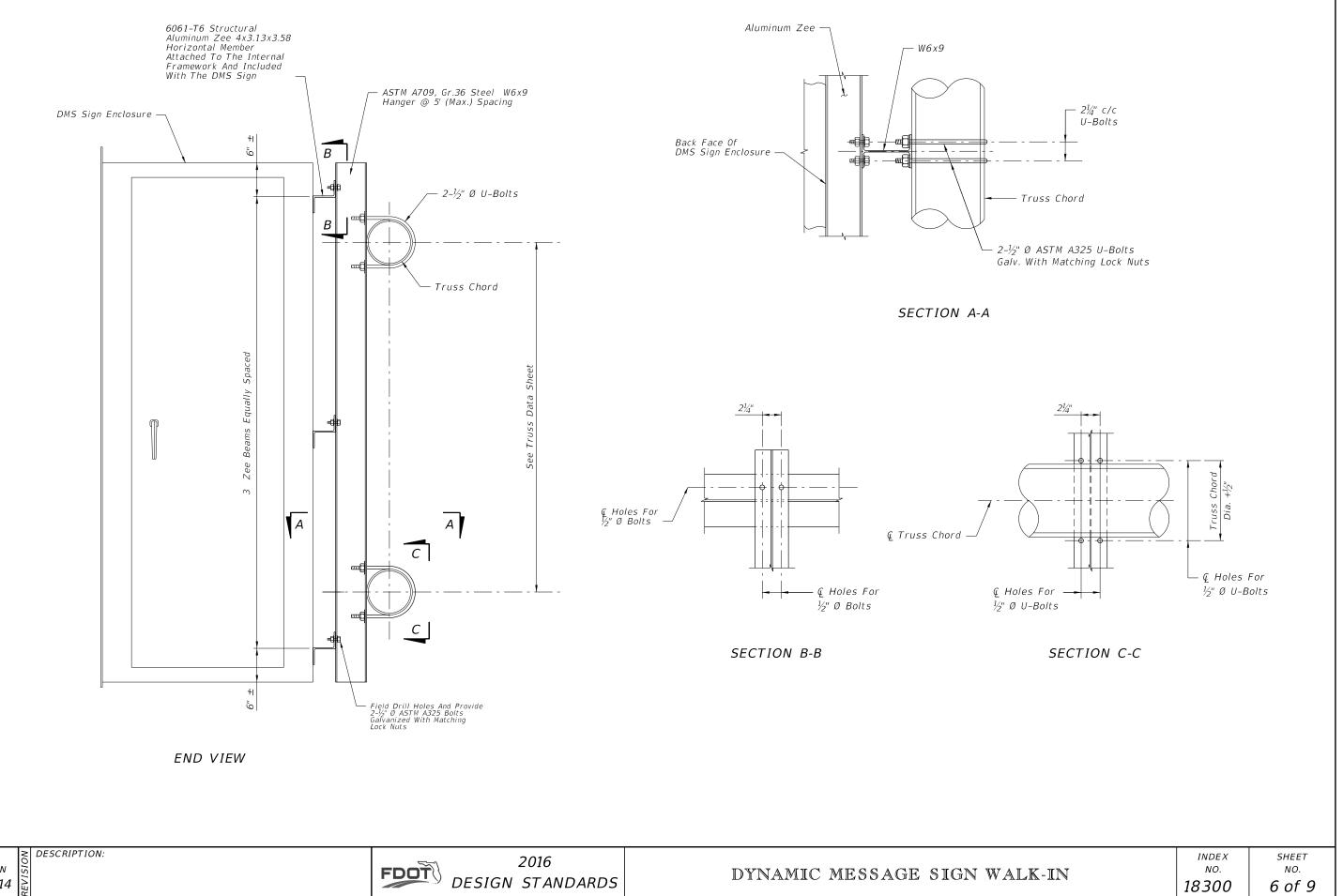
(Cantilever Sign Structure Shown, Span Sign Structure Similar)

## NOTES

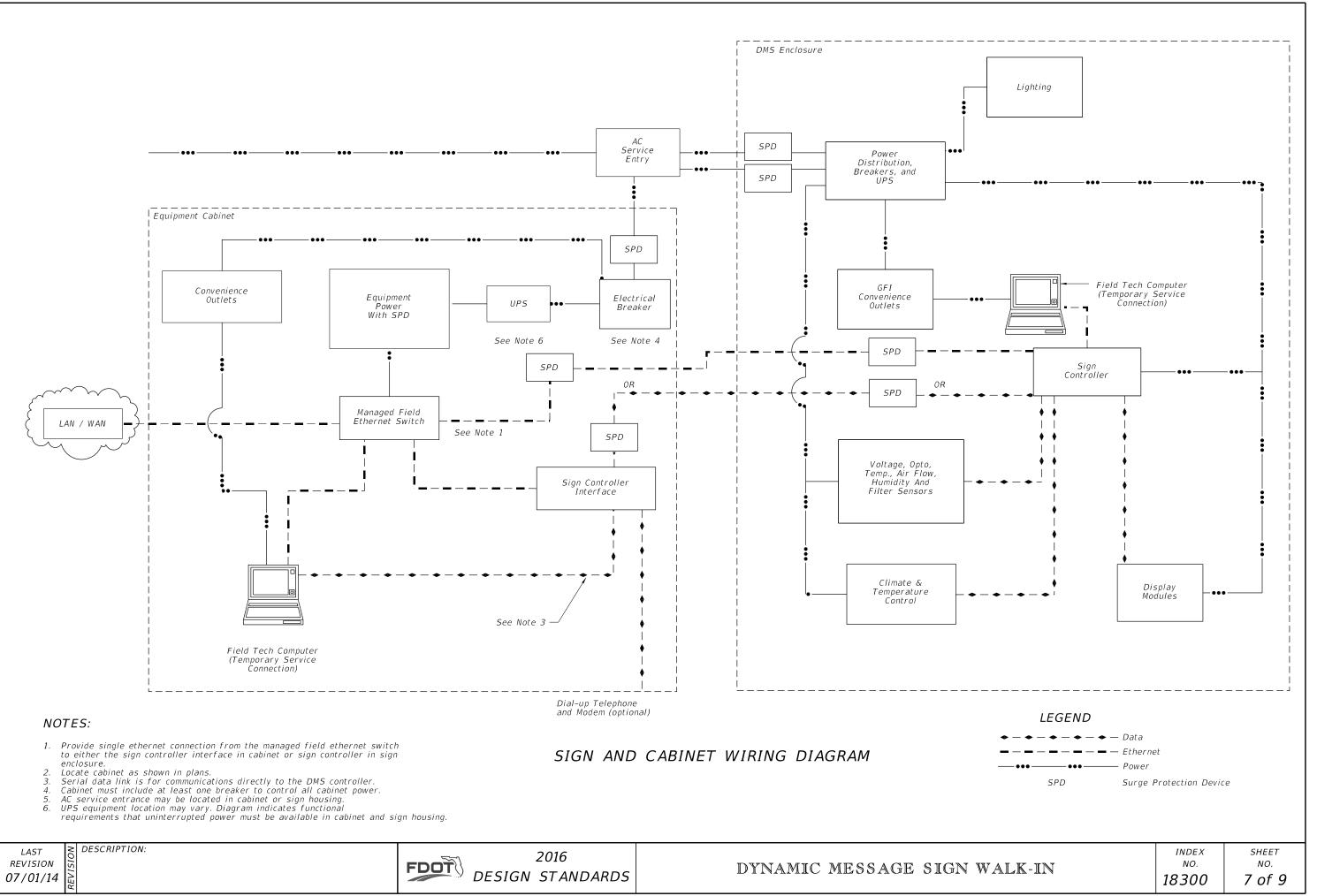
- Design Specifications: FD0T Structures Manual (current edition) and AASHT0 Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals.
- 2. DMS and Hanger Design Wind Speed: 150 miles per hour. Maximum DMS weight for design: 4500 lb.
- 3. Shop drawings including the DMS connection are required and fabrication shall not begin until these shop drawings are approved.
- 4. Locate the sign horizontal on the structure as shown in the plans. Vertically center the sign enclosure with the centerline of the truss.
- 5. Before erection, after both the delivery of the DMS and the steel truss, the contractor shall carefully measure the exact locations for field drilling the ½" bolt holes in the vertical hangers and horizontal mounting member attached to the sign enclosure. Field locate holes to allow vertical hanger placement as shown on the plans with no conflicts with gusset or splice plates.
- 6. All steel items shall be galvanized as follows: All nuts, bolts and washersASTM F2329 All other steel itemsASTM A123
- 7. All bolt holes shall be equal to the bolt diameter plus  $\frac{1}{16}$ ", prior to galvanizing.
- 8. All bolts shall have single self-locking nuts, or locking nut system, installed in accordance with the manufacturer's recommendations.
- 9. Cost of the installation of the DMS on truss including the vertical hanger, associated members, and hardware shall be incidental to the cost of the sign structure.
- 10. Threaded couplings shall be located on sign side of column above the sign truss.

DYNAMIC MESSAGE SIGN WAL

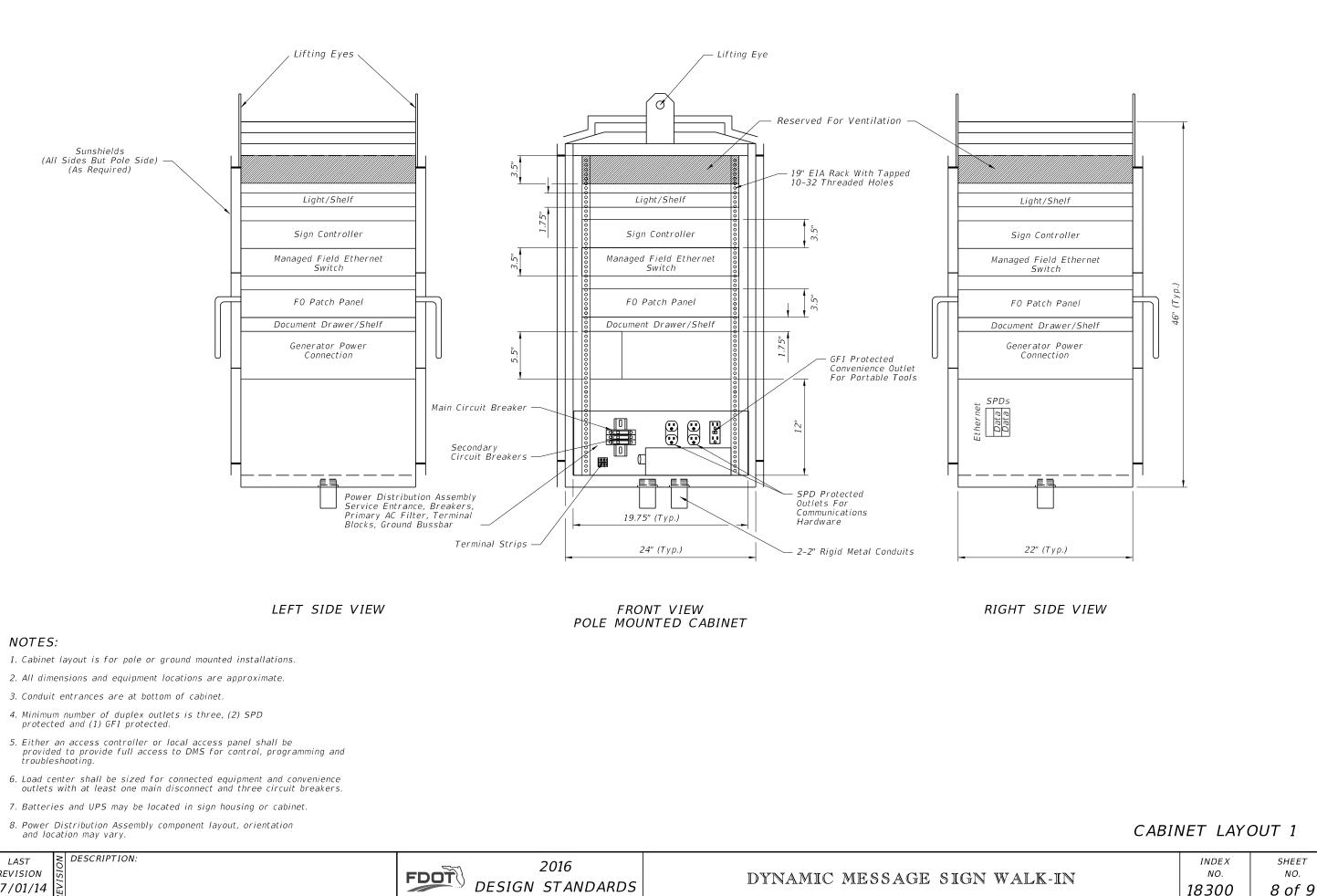
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LAST REVISION 07/01/14

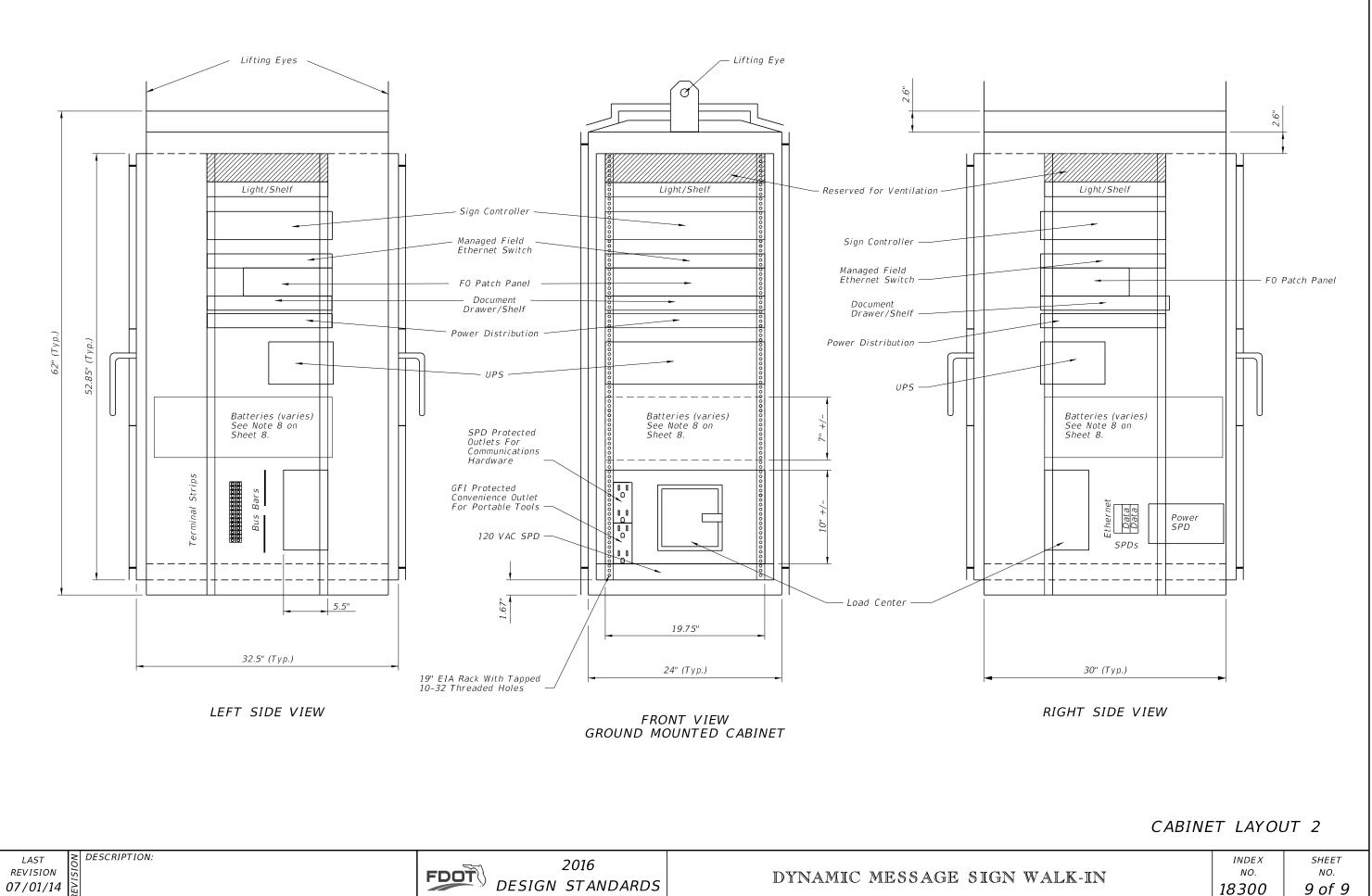


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