The purpose of this Standard Drawing is to provide typical standard details. The fitness for purpose of these details for a specific project shall be designed and certified by an IPEA. The details specific to the project location shall be shown on the project specific drawings.

GENERAL NOTES:
1. IPEA shall be manufactured to W367X.
2. EXPOSURE CLASSIFICATION: C1 and C2.
3. CONCRETE: it will be in accordance with W750/700.
4. Pile Length: 100 feet minimum.
   Exposure classification C1 and C2.
5. Assessment: it will be shown as 75% unless otherwise specified.
6. The material should be selected to withstand loading while maintaining an approach to the following categories to meet the exposed conditions and foundation material.
7. ZONE: with maximum exposure Type 1 shall be used. With maximum exposure Type 2 shall be used to ensure the correct foundation system.
   For Type 1, the pile shall be located at 4000 minimum center to foundation base. For Type 2, the pile shall be located at 4000 minimum center to foundation base. Stressed and foundation base shall be used to ensure piles, and shall be used for the maximum exposure Type 2, respectively.
8. Additional stresses, when required, shall be located at 4000 minimum center.
   For Type 1, the pile shall be located at 4000 minimum center. Stressed and foundation base shall be used to ensure piles, and shall be used for the maximum exposure Type 2, respectively.
9. The stiffness of the pile shall be determined by the designer as the pile's height and its components should be certified by the designer or foundation engineer.
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10. REFER TO SHEET 2: Direction of Orientation, Steel, Stressed Foundation, Shear, and Stressed Foundation Base.
11. The pile stiffness shall be determined by the designer as the pile's height and its components should be certified by the designer or foundation engineer.
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13. The stiffness of the pile shall be determined by the designer as the pile's height and its components should be certified by the designer or foundation engineer.
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INDEX - 550 OCTAGONAL PILE -
EXPOSURE CLASSIFICATION C1 and C2

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>DRAWING REFERENCE</th>
<th>2022 DWG. 1 of 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>550 Octagonal Pile</td>
<td>C1 and C2</td>
<td>2022 Drawing 1 of 3</td>
</tr>
<tr>
<td>2000 Long</td>
<td>C1 and C2</td>
<td>2022 Drawing 3 of 3</td>
</tr>
</tbody>
</table>

CAST-IN ANCHOR/LOOP DETAILS:

<table>
<thead>
<tr>
<th>Factor Length</th>
<th>Carbon Anchor/Loop</th>
<th>Working Load (kips)</th>
<th>Loop Lifting</th>
<th>Concrete Type</th>
<th>Loop Lifting</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000 Long</td>
<td>3/8&quot;</td>
<td>3000 kips</td>
<td>4&quot;</td>
<td>C1</td>
<td>3000 kips</td>
</tr>
</tbody>
</table>

CAST-IN LIFITNG HOOP NOTES:
1. IPEA shall be selected to withstand loading while maintaining an approach to the following categories to meet the exposed conditions and foundation material.
2. ZONE: with maximum exposure Type 1 shall be used. With maximum exposure Type 2 shall be used to ensure the correct foundation system. For Type 1, the pile shall be located at 4000 minimum center to foundation base. For Type 2, the pile shall be located at 4000 minimum center to foundation base. Stressed and foundation base shall be used to ensure piles, and shall be used for the maximum exposure Type 2, respectively.
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REFERENCES:
Department of Transportation and Transmass:
W750/700: Prestressed Concrete Piles
W757: Reinforcement Steel
W5: Prestressed Concrete Bar Details and Shapes
W5178: Foundations of Structural Steelwork

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