<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>MATERIAL</th>
<th>PART # / LABEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>19015 ANCHORAGE (TRANSPLATE)</td>
<td>ASTM A36, OR. 10-25-69, GALV. ASTM A123</td>
<td>E1050080CG</td>
</tr>
</tbody>
</table>

NOTES:
- FLAT SECTION CHIGNED & TAPPED FOR GROUTING & INSPECTION ONLY WHEN THERE IS NO ACCESS TO FRONT OF TRANSPLATE, OTHERWISE LEAVE AS IS. CHILLING & TAPPING SHALL BE COMPLETED PRIOR TO SHIPMENT TO PROJECT.
**FREYSSINET INC**

**PHONE:** 703-378-2500

**WWW.FREYSSINETUSA.COM**

**MEMBERS OF:**

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**SECTION A-A**

**TOP VIEW**

**SECTION B-B**

**TOP VIEW**

---

**GROUT CAP**

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
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</tr>
</thead>
<tbody>
<tr>
<td>03</td>
<td>9015 GROUT CAP</td>
<td>NYLON ASTM 05989</td>
<td>CAP9015</td>
</tr>
<tr>
<td>03A</td>
<td>9013 ANCHORAGE CAP O-RING</td>
<td>NYLON R70, AS PER TABLE 2.2.1.7-1 OF FST 960 SPEC</td>
<td>ORN00030X790</td>
</tr>
</tbody>
</table>

**NOTE**
- Use O-RING IN GROOVE FOR SEALING AGAINST TRANSPLATE (Dwg. FINC-19015-01)
- Use 3/4" S.S. BOLT ASTM F93
- Pressure Rating = 150 psi
- GROUT CAP & O-RING MEET OR EXCEED FST STANDARD SPECIFICATIONS, SECTION 960
<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>MATERIAL</th>
<th>PART # / LABEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>C75</td>
<td>1303 100mm SR SLIP-ON COUPLER W/ OR W/O HEAD</td>
<td>POLYPROPYLENE ASTM D4940</td>
<td>pscoupler</td>
</tr>
</tbody>
</table>

**NOTE:**
- STANDARD FIT FOR 100mm DUCT
- COUPLER MEETS OR EXCEEDS FAST STANDARD SPECIFICATIONS, SECTION 865
<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>MATERIAL</th>
<th>PART # / LABEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>19015 HEAT SHRINK SLEEVE (FLA-115-YE)</td>
<td>POLYURETHANE SANDING W/ ADHESIVE</td>
<td>FLA115X112</td>
</tr>
</tbody>
</table>

**NOTE**

- TUBULAR SLEEVE DIAMETER: 5.5" (140mm) AS SUPPLIED
- 3.8" (98mm) FULLY RECOVERED
- HEAT SHRINK SLEEVE MEETS OF CEIEN AND NDLG STANDARDS SPECIFICATIONS. SECTION 900
- INSTALLATION TO BE PERFORMED ACCORDING TO MANUFACTURER'S INSTRUCTIONS
**TOP VIEW**

**ELEVATION**

**FRONT VIEW**

<table>
<thead>
<tr>
<th>PART</th>
<th>DESCRIPTION</th>
<th>MATERIAL</th>
<th>PART #/LABEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>0723</td>
<td>3/4&quot; NFPT BALL VALVE</td>
<td>SCH. 80 PVC ASTM 2467 (150 PSI RATED)</td>
<td>Q10723</td>
</tr>
</tbody>
</table>

**NOTES:**
- PRESSURE RATING 150 psi
- 1/2" NFPT
- NO STAMPED PART NUMBER
- EXTERNAL DIMENSIONS MAY VARY
- TEMPORARY FITTING
ITEM: 1" NPT PIPE NIPPLE

DESCRIPTION: 1" NPT PIPE NIPPLE

MATERIAL: Bronze or iron, 40 Swivel (OS for flanged)

PART #: [INSERT PART NUMBER]

NOTE:
- NPT threaded, part number
- Pressure rating: 2500 psi
- 1" NPT
- Temporary fitting

LENGTH AS REQUIRED

1 3/4" O.D.

1 3/8" I.D.
<table>
<thead>
<tr>
<th>ID</th>
<th>DESCRIPTION</th>
<th>MATERIAL</th>
<th>PART # / LABEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>3/4&quot; NPT PE TUBE</td>
<td>HIGH-DENSITY Polyethylene per ASTM D3350</td>
<td>PC19504550</td>
</tr>
</tbody>
</table>

**NOTES:**
- NO STAMPED PART NUMBER
- PRESSURE RATING 2150 psi
- 3/4" NPT, MANUALLY THREADED
1/4" NPT, 14 THREADS PER INCH  
SW THREAD ENGAGEMENT

| ITEM | DESCRIPTION          | MATERIAL                  | PART # / 
|------|----------------------|---------------------------|----------
| 224  | 1/4" NPT PIPE NIPPLE | SCH. 40 PVC OR SCH. 40 STEEL (150 PSI RAT) | 2019.3.13 |

NOTES:
- NO SHAPED PART NUMBER
- PRESSURE RATING: 150 PSI
- 1/4" NPT 
- TEMPORARY FITTING
<table>
<thead>
<tr>
<th></th>
<th>DESCRIPTION</th>
<th>MATERIAL</th>
<th>PART # / LEVEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2&quot;</td>
<td>1/2 NPT PLUG</td>
<td>NICKEL ASTM 5449</td>
<td>5353</td>
</tr>
</tbody>
</table>

NOTES:  
* PRESSURE RATING ≥ 150 psi  
* PLUG MEETS OR EXCEEDS CUSTOMER SPECIFICATIONS, SECTION 850.
ITEM
1/4" NPT PLUG

DESCRIPTION

MATERIAL
Nylon ASTM-D1581

PART # / QTY
G-02010

NOTES:
• PRESSURE RATING 2150 psi
• PLUG MEETS OR EXCEEDS FOOT STANDARD SPECIFICATIONS, SECTION 960.