DESIGN SPECIFICATIONS:
1. Puerto Rico Building Code
2. ACI 318-85

DESIGN DATA:
1. Wind Load of 30 PSI
2. Live Load of 100 lbs
3. Ultimate Strength Design

MATERIALS AND DESIGN STRESSES:
1. Concrete Class "A" (Fm = 3000 psi)
2. Reinforcing Steel HP 42, Grade 60
3. Soil Bearing Pressure (Assumed) 2,500 psi

GENERAL NOTES:
1. All footings will be founded 3'-6" below ground surface.
2. Unless otherwise indicated on plans, the clear distance of reinforcement to the outer face of concrete will be as follows:
   A. Top of slab 1"
   B. Bottom of slab 3/4"
   C. Footings 3"
3. Reinforcement splice and embedment (unless otherwise noted):
   The length of lap for reinforcing bar shall not be less than 30 bar diameters.
4. All corners of concrete shall chamfered 1" unless otherwise indicated on plans.
5. Pile form supporting any part of the structure shall not be removed until concrete has reached its required working strength.
6. Beams for construction loads shall be 3" deep. The dimensions of the knees shall be 1/4" the width of the member in other direction.

SUMMARY OF QUANTITIES

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QUANTITY</th>
<th>UNIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLASS &quot;A&quot; CONCRETE</td>
<td>15</td>
<td>cu. yd</td>
</tr>
<tr>
<td>REINFORCING STEEL</td>
<td>543</td>
<td>lbs.</td>
</tr>
<tr>
<td>CUSHIONS FOR STRUCTURE</td>
<td>1.8</td>
<td>cu. yd</td>
</tr>
</tbody>
</table>

EFFECTIVE DATE: OCTOBER 1997

COMMUNWEALTH OF PUERTO RICO
DEPARTMENT OF TRANSPORTATION
HIGHWAY AND TRANSPORTATION AUTHORITY

BUS STOP SHELTER
CONSTRUCTION DETAILS

DATE: 11-11-97  REVISION: 1  BY: STD. BSS  DWG. 1 OF 2