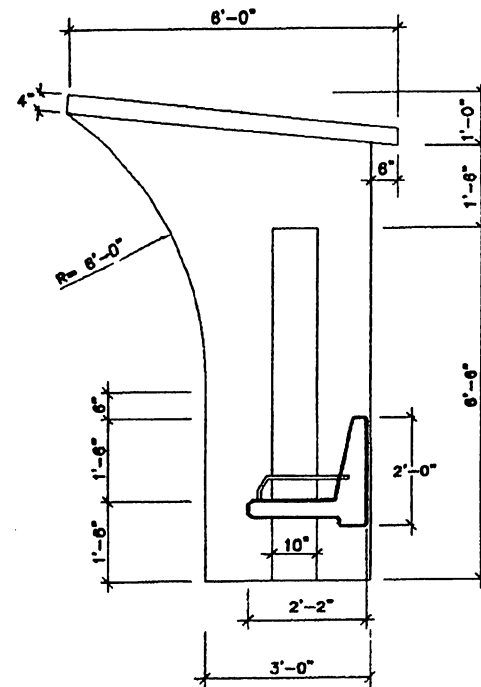
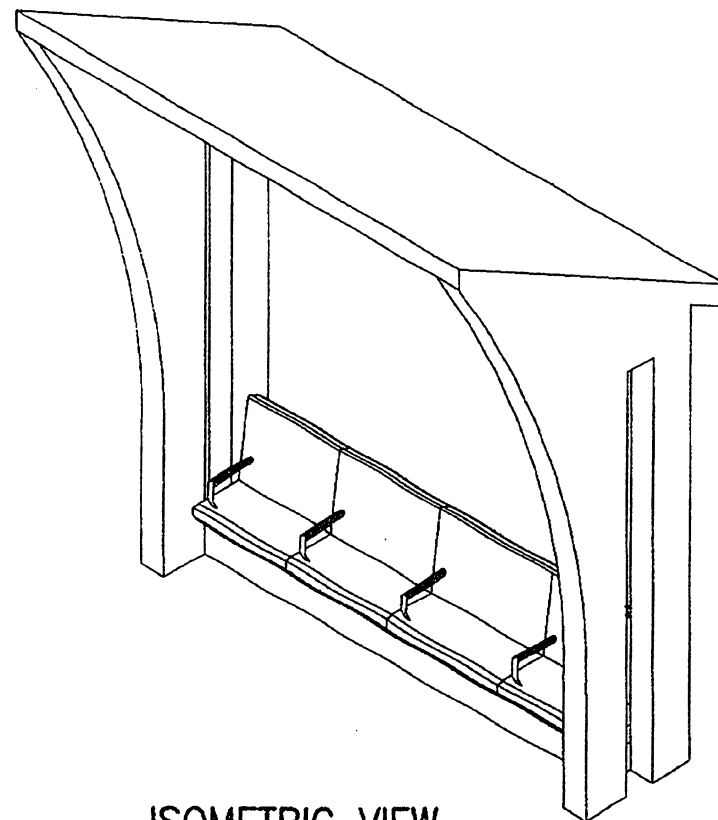


FRONT VIEW



RIGHT VIEW



ISOMETRIC VIEW

DESIGN SPECIFICATIONS:

- 1- PUERTO RICO BUILDING CODE
- 2- ACI 318-95

DESIGN DATA:

- 1- WIND LOAD OF 30 PSF
- 2- LIVE LOAD OF 100 PSF
- 3- ULTIMATE STRENGTH DESIGN

MATERIALS AND DESIGN STRESSES:

- 1- CONCRETE CLASS "A"  $f'_c = 3000$  psi
- 2- REINFORCING STEEL ASTM. A-615, GRADE 60
- 3- SOIL BEARING PRESSURE (ASSUMED) 2,500 psf

GENERAL NOTES:

- 1- ALL FOOTINGS WILL BE FOUNDED 3'-0" BELOW GROUND SURFACE.
- 2- UNLESS OTHERWISE INDICATED ON PLANS THE CLEAR DISTANCE OF REINFORCEMENT TO THE OUTER FACES OF CONCRETE WILL BE AS FOLLOWS.
  - A- TOP OF SLAB 1"
  - B- BOTTOM OF SLAB 3/4"
  - C- FOOTINGS 3"
- 3- REINFORCEMENT SPLICING AND EMBEDMENT (UNLESS OTHERWISE NOTE): THE LENGTH OF LAP FOR REINFORCING BAR SHALL NOT BE LESS THAN 30 BAR DIAMETERS.
- 4- ALL CORNER OF CONCRETE SHALL CHAMFERED 1 in UNLESS OTHERWISE INDICATED ON THE PLANS.
- 5- FALSEWORK SUPPORTING ANY PART OF THE STRUCTURE SHALL NOT BE REMOVED UNTIL CONCRETE HAS OBTAINED ITS REQUIRED WORKING STRENGTH.
- 6- KEIS FOR CONSTRUCTION JOINTS SHALL BE 2 in DEED THE DIMENSIONS OF THE KEIS SHALL BE 1/3" THE WIDTH OF THE MEMBER IN EITHER DIRECTION.

| SUMMARY OF QUANTITIES                 |          |                |
|---------------------------------------|----------|----------------|
| ITEM                                  | QUANTITY | UNIT           |
| CLASS "A" CONCRETE                    | 15       | M <sup>3</sup> |
| REINFORCING STEEL                     | 543      | LBS.           |
| UNCLASSIFIED EXCAVATION FOR STRUCTURE | 1.8      | CU. M.         |

EFFECTIVE DATE: OCTOBER 1997

COMMONWEALTH OF PUERTO RICO  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC WORKS  
HIGHWAY AND TRANSPORTATION AUTHORITY

BUS STOP SHELTER  
CONSTRUCTION DETAILS

RECOMMENDED BY: *[Signature]*  
DESIGN AREA DIRECTOR  
DATE: Nov. 3, 97  
APPROVED BY: *[Signature]*  
EXECUTIVE DIRECTOR  
DATE: 11-7-97  
APPROVED BY: *[Signature]*  
DIV. ADM. FHWA-PR DIVISION  
DATE: 11-7-97

| DATE | REVISION | BY | STD. DWG. | BSS    |
|------|----------|----|-----------|--------|
|      |          |    |           | 1 OF 2 |