

# Standard PT Specifications

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All standard buildings designed per ASCE standard 7-05, "Minimum design loads for buildings and other structures".

Construction Class – IIIB

Occupancy Type – U

Importance Factor – Category 1       $I_s = 0.8$   
 $I_w = 0.87$   
 $I_e = 1.0$

Exposure Factor

Exposure B, Partially Exposed       $C_e = 1.0$

Thermal Factor       $C_t = 1.2$

Loading:      Live Load (Ground Snow) = 60.0 psf

Wind Loading: 90 M.P.H.

$f_c' = 5,000$  psi.

$f_y = 40,000$  psi.

Concrete Notes:

1. Concrete mixes are designed per ACI 301, using Portland cement conforming to ASTM C – 150 or C – 595, aggregate conforming to ASTM C – 33 and admixtures conforming ASTM C -494, C – 1017, C – 618, C – 989, and C – 260. Concrete is to be ready mixed in accordance with ASTM C – 94.
2. All reinforcing steel conforms to ASTM A – 615, grade 40. All welding of reinforcing steel in accordance with AWS D1.4.

Bituminous seal between vault and building to be Con Seal CS-101 1" x 1".

Seams caulked with Tremco Dymonic Caulk or equal.

\*\*\*Check your local and state building codes to make sure our standard specifications meet your required building codes.