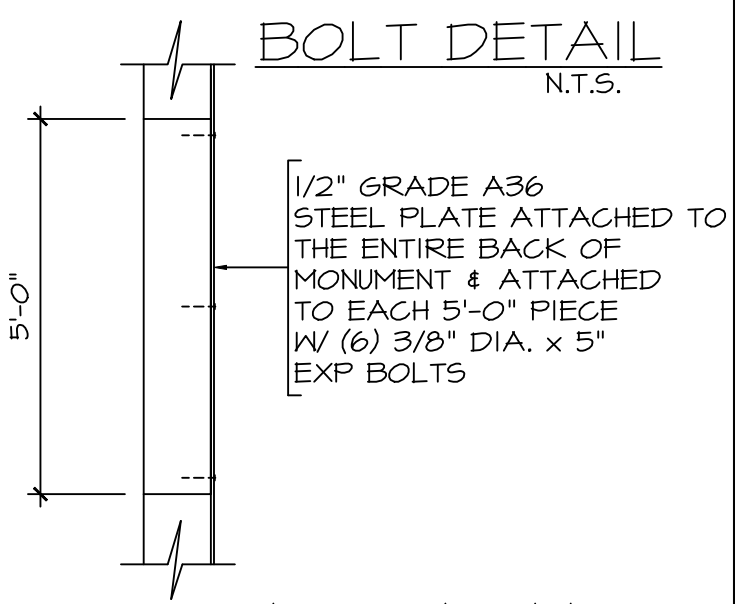


BOLT DETAIL
N.T.S.



SECTION
N.T.S.

1 REVISED 08-06-2018

WIND DESIGN CRITERIA	
WIND VELOCITY	139 MPH Vult
EXPOSURE CATEGORY (MMRF)	B
COMPONENT & CLADDING PRESSURES	32.4 PSF
FORCE COEFFICIENT C_f	1.2
RISK CATEGORY	2

- NOTE:
- DESIGN WIND PRESSURE IN CONFORMANCE W/ ASCE 7-16 , 139 MPH Vult REGION. (PER F.B.C. 2017 6TH ED.)
 - SOIL SHALL BE CLEAN SAND WITH A MINIMUM ALLOWABLE BRNG PRESSURE OF 2000 PSF AND A MINIMUM ALLOWABLE LATERAL PASSIVE PRESSURE (FOR ISOLATED POLE) OF 600 PSF/FT.
 - CONCRETE: SHALL BE 3000 P.S.I. @ 28 DAYS.
 - STRUCTURAL STEEL ASTM A36 STEEL PIPE: ASTM A53 GR. B SQUARE TUBE: $F_y = 46\text{KSI}$
 - ALL WELDING SHALL BE IN CONFORMANCE W/ AWS D1.1 (LATEST EDITION) USING E70XX ELECTRODES. ALL WELDS SHALL BE FULL PENETRATION WELDS AT ALL POINTS OF CONTACT UNLESS NOTED OTHERWISE.
 - BOLTS: ASTM F1554

Orlando's Round Building

This 20' tall pre-cast concrete coarse aggregate architectural element that stands before you is one of the 120 pieces that formed the brise soleil that wrapped around what was known as "Orlando's Round Building".

It building stood across from City Hall for 50 years (1964-2014).

The Architect was Robert Murphy who studied under Walter Gropius, Founder of The Bauhaus.

Frank Sheehy, Architect, drew up the plans.

Originally known as the American Federal Bank Building, it changed names multiple times and in the 1980's a 7 story addition was added on top.

WAYNE GANDY , P.E.
PE 033134
720 S. ORANGE BLOSSOM TR.
SUITE 364
ORLANDO, FL. 32805

CLIENT:	
20'-0" HISTORICAL MONUMENT	
PROJECT:	
DESIGNAGE	
JOB#:	2018-0359
DATE:	06-11-2018
SHEET 1 OF 2	