



- NOTES:
1. POST AND PANEL CONCRETE TO BE 4000 PSI.
 2. FOOTING CONCRETE TO BE 3000 PSI.
 3. MINIMUM SOIL LATERAL BEARING ALLOWABLE: 150 PSF/FT. OF DEPTH BELOW GRADE
 4. MINIMUM SOIL BEARING PRESSURE ALLOWABLE: 1500 PSF.

GENERAL STRUCTURAL NOTES
 CODE: 2003 INTERNATIONAL BUILDING CODE
 DESIGN CRITERIA:
 GROUND SNOW LOAD: NOT APPLICABLE
 BASIC WIND SPEED: 90 MPH, EXPOSURE B
 SEISMIC DESIGN CATEGORY: D
 SITE CLASS: D
 BUILDING CATEGORY: I
 SNOW DESIGN CRITERIA:
 FLAT ROOF SNOW LOAD P_f: NOT APPLICABLE
 SNOW EXPOSURE FACTOR C_e: NOT APPLICABLE
 SNOW LOAD IMPORTANCE FACTOR I_s: NOT APPLICABLE
 THERMAL FACTOR C_t: NOT APPLICABLE
 WIND DESIGN CRITERIA:
 WIND IMPORTANCE FACTOR I_w: 0.87
 INTERNAL PRESSURE COEFFICIENT = 0.00 (OPEN)
 ALL COMPONENTS AND CLADDING SHOWN ON THESE DOCUMENTS

SEISMIC DESIGN CRITERIA:
 SEISMIC IMPORTANCE FACTOR I_e: 1.0
 SEISMIC USE GROUP: I
 SPECTRAL ACCELERATION S_s: 1.125g, S₁: 0.55g
 SEISMIC FORCE RESISTING SYSTEM: NON-BUILDING SIGNS AND BILLBOARDS.
 DESIGN BASE SHEAR: 1001 LBS. PER COLUMN
 SEISMIC RESPONSE COEFFICIENT C_s: 0.225
 RESPONSE MODIFICATION FACTOR R: 3.5
 ANALYSIS PROCEDURE: EQUIVALENT STATIC

TYP. 10' REINF. PANEL, PIER & POST	
CONCRETE	
f _c = 5,000 PSI	f _{ct} = 3,500 PSI
SLUMP: 4"	FPU: 75%
FINISH: PATTERN	MIX: 5600 SP
WEIGHT: 150 LBS. PCF.	AIR: 5%
VOLUME: - C.Y.	SHIPPING WT: - LBS.
16500 SOUTH 500 WEST BLUFFDALE, UTAH 84065 PHONE: (801) 571-2028 FAX: (801) 606-7786	
SHEET TITLE:	CHECKED BY:
ENGINEERED SOUND WALL	R.B.
DRAWN BY:	SHEET #
J.A.	
DATE:	
9-13-06	

F-5.3