

STRUCTURAL NOTES

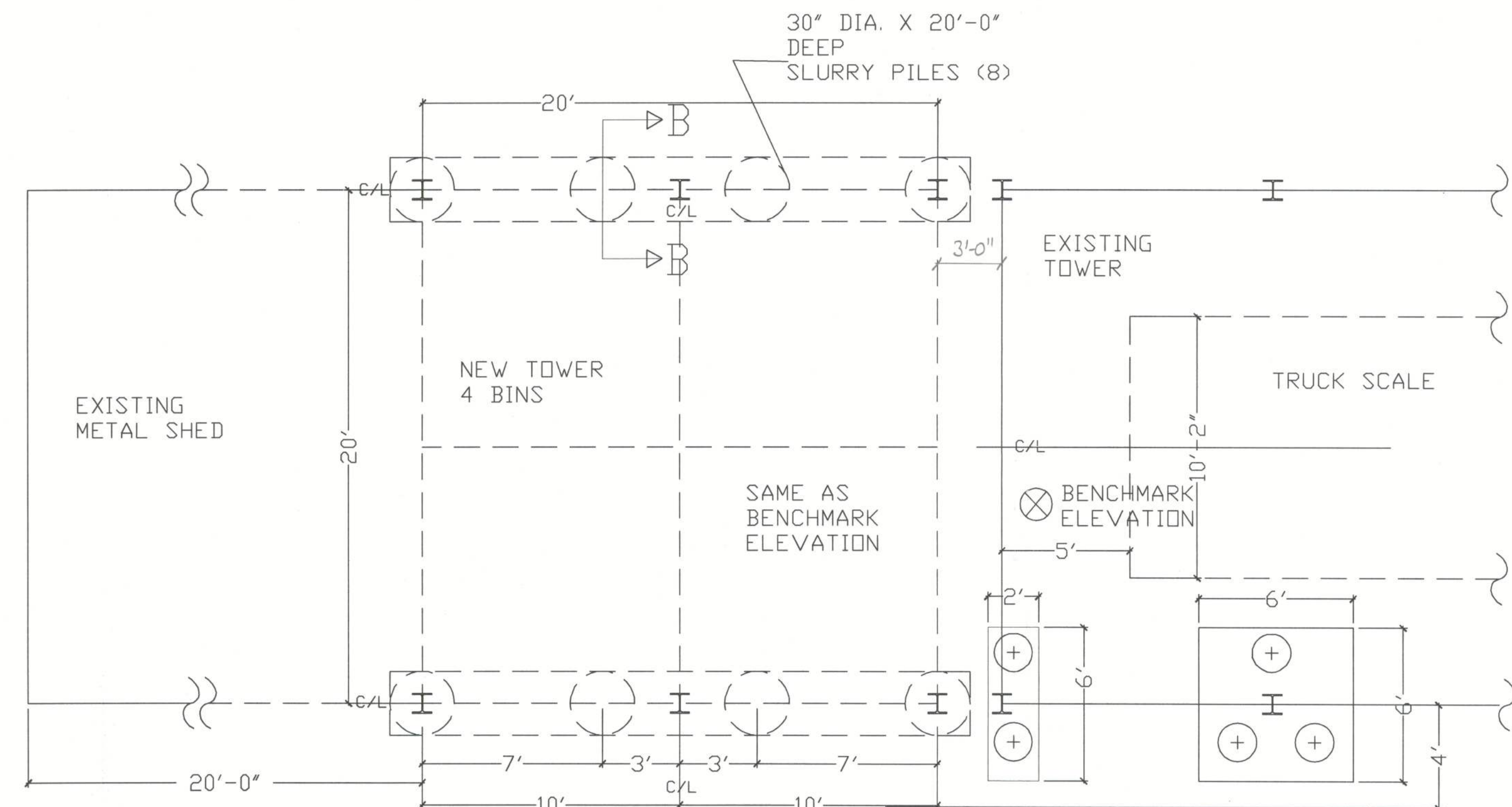
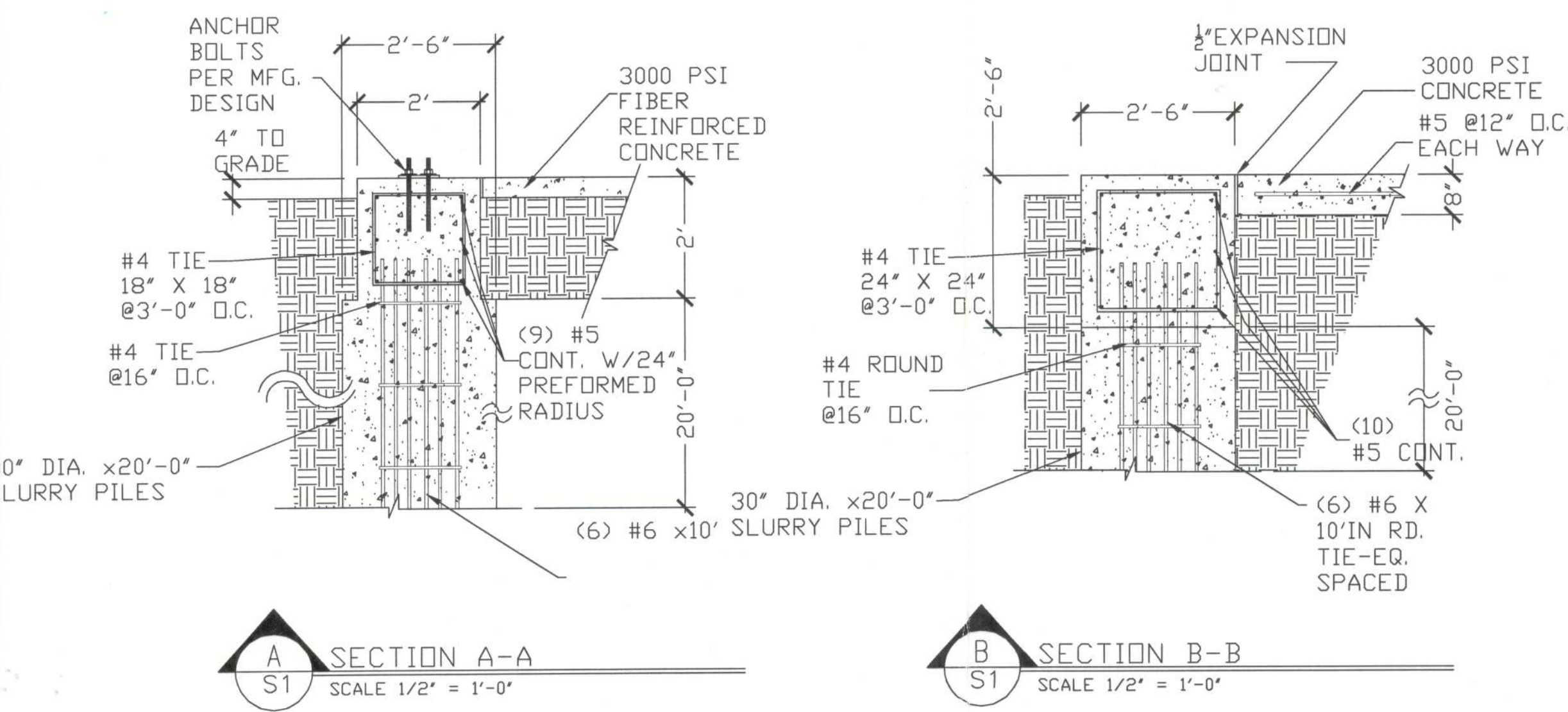
1. ALL CONCRETE SHALL HAVE A MINIMUM 28 DAY CYLINDER COMPRESSIVE STRENGTH (f'_c) OF 3000 PSI.
2. REINFORCING BARS: ASTM A-615, GRADE 60.
3. REINFORCING BARS' SPLICES SHALL BE LAPPED 30 BAR DIAMETERS MINIMUM AND TIED SECURELY. DO NOT WELD.
4. THE MINIMUM PROTECTIVE CONCRETE COVER FOR REINFORCING BARS SHALL BE AS FOLLOWS:
CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH, 3"
EXPOSED TO EARTH AND WEATHER, 2"
NOT EXPOSED TO EARTH OR WEATHER OR IN CONTACT WITH GROUND 1 1/2"
5. MINIMUM SOIL CAPACITY OF 2000 PSF
6. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.

APPLICABLE CODES

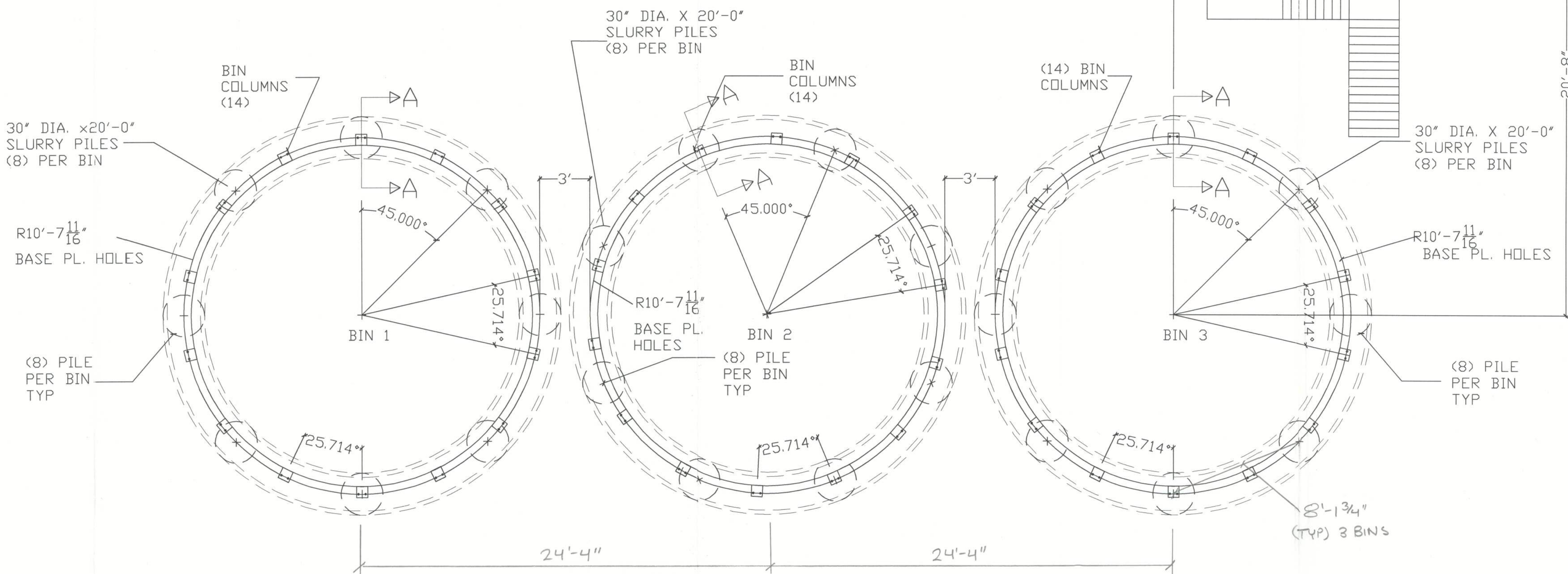
FLORIDA BUILDING CODE (W/ 2003 REVISIONS) 2001 EDITION
AMERICAN SOCIETY OF CIVIL ENGINEERS 7-98 (ASCE) 1998 EDITION
AMERICAN CONCRETE INSTITUTE (ACI) 318-02 EDITION
AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) 9TH EDITION

DESIGN LOADING

BIN DEAD LOAD 15 KIPS
BIN LIVE LOAD 514 KIPS
WIND LOAD 90 MPH
SOIL LOAD 2000 PSF



HOPPERED GRAIN BIN (3).
21'-0" D., 51'-2" OAH
14 COLUMNS EACH



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DRAWN:			BJH
CHECKED:			WMB
DATE:			05-20-05
REVISIONS:			
No.	Date	Remarks	

C

CENTRAL STATES ENT.
LAKE CITY, FLORIDA

FOUNDATION PLAN & DETAILS

SOUTHERN AGCOM
605 N. MAIN STREET
BLAKELY, GA. 31723

SEAL
WILLIAM M. BALDWIN P.E.
FL. P.E. #7805

SHEET:

S1

S1 OF: S1