

II. REINFORCED CONCRETE

1. ALL CONCRETE TO BE NORMAL WEIGHT WITH 28 DAY STRENGTH OF 4,500 PSI, 1-1/2" (MAX) AGGREGATE & 4" (MAX) SLUMP FOR FOUNDATION & 6" (MAX) SLUMP FOR PIERS. CONCRETE SHALL COMPLY WITH ACI 318 CH. 4 EXPOSURE CLASS F1, CONTAIN 5.5% AIR AND HAVE A MINIMUM WATER CEMENT RATIO OF 0.45. SUBMIT MIX DESIGN, SEALED BY A CALIF. REGISTERED ENGINEER, TO THE USER FOR REVIEW.
2. REINFORCING STEEL TO BE ASTM A615 GRADE 60. SUBMIT SHOP DRAWINGS FOR REVIEW BY THE USER PRIOR TO FABRICATION.
3. WOOD FORMWORK SHALL BE NEW WOOD. APPLY FORM RELEASE AGENT TO FORMS PRIOR TO CASTING.
4. IMMEDIATELY AFTER CASTING, UNFORMED SURFACES SHALL BE COVERED WITH A CURING BLANKET OF MOISTENED POLETHEYLENE BONDED TO BURLAP OR WATERPROOF CURING PAPER, LAPPED AT SIDES, AND SECURED IN PLACE.

LIQUID NITROGEN TANK FOUNDATION NOTES

LBNL CIVIL STANDARDS
LN TANK CONCRETE FOUNDATION NOTES

DRAWN BY	DATE
CHECKED BY	
APPROVED BY	
CAD FILE PATH	
SCALE	NTS
DRAWING NO.	SHEET
S105A	
PROJECT NO.	

UNIVERSITY OF CALIFORNIA LAWRENCE BERKELEY NATIONAL LABORATORY
FACILITIES DIVISION