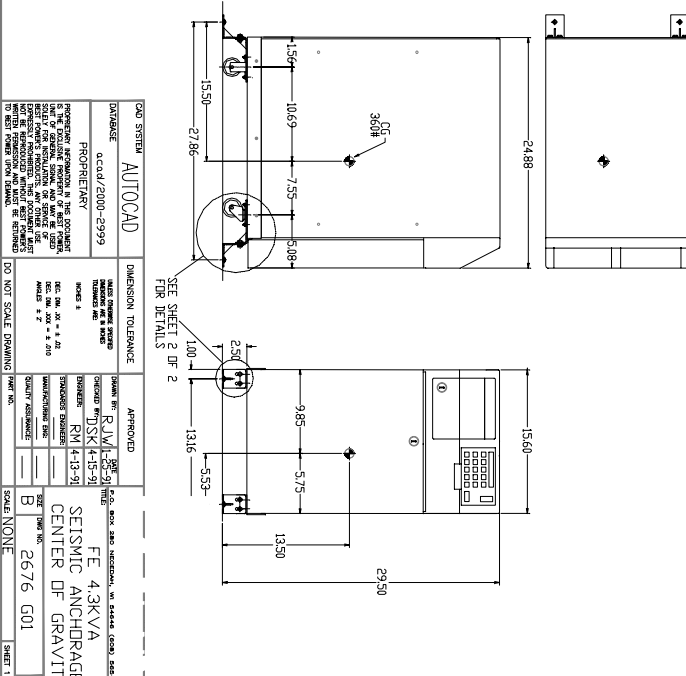


1. THE ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE SUPPORTING LATERAL LOAD FROM THE EQUIPMENT.
2. WHEN INSTALLING BRACKET-IN ANCHORS IN EXISTING NON-PRESTRESSED CONCRETE, THE EXISTING WEARING SURFACE SHALL BE REFINISHED TO A MINIMUM OF 300 PSI COMPRESSIVE STRENGTH. THE EXISTING WEARING SURFACE SHALL BE REFINISHED TO A MINIMUM OF 300 PSI COMPRESSIVE STRENGTH. THE EXISTING WEARING SURFACE SHALL BE REFINISHED TO A MINIMUM OF 300 PSI COMPRESSIVE STRENGTH.
3. ANCHORAGE DESIGN PER CALCULATION CODE OF REGULATIONS, TITLE 24, CHAPTER 22, SECTION 2207.4.3.1 AND 2207.4.3.2.
4. TEST STANDARD: BELLOPE TECHNICAL REFERENCE TR-ED-00063 ISSUE 3.
5. ASSUMPTIONS: THE CONCRETE THAT THE ANCHOR IS TO BE SET IN SHALL BE 3000 PSI QUIZ MINIMUM STRUCTURAL ANGLE OR PLATE SHALL BE ASTM A-36 MINIMUM.
6. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.

ANCHOR DIA.	TEST VALUES			
	LOAD VELOCITY (LBS)	LOAD VELOCITY (KIPS)	LOAD VELOCITY (KIPS)	LOAD VELOCITY (KIPS)
1/2"	800	400	4	100
5/8"	1200	600	6	150
3/4"	1600	800	8	200
1"	2000	1000	10	250
1 1/8"	2400	1200	12	300
1 1/4"	2800	1400	14	350
1 3/8"	3200	1600	16	400
1 1/2"	3600	1800	18	450

- a. SHELL TYPE ANCHORS SHOULD BE TESTED AS FOLLOWS:  
 1. VISUALLY INSPECT FOR FULL EXPANSION AS EVIDENCED BY THE LOCATION OF THE ANCHOR. THE ANCHOR SHOULD BE AS RECEIVED BY THE MANUFACTURER. IN THE ABSENCE OF SUCH RECOMMENDATION, AS RECEIVED ON THE SHEET FOLLOWING THE MANUFACTURER'S INSTRUCTIONS, THE ANCHOR SHALL BE TESTED IN THE MANNER DESCRIBED IN THE TABLE ABOVE, BUT NOT LESS THAN THREE ANCHORS PER DAY FOR EACH DIFFERENT PERSON OR CREW INSTALLING ANCHORS, OR TEST 50% OF THE INSTALLED ANCHORS WITH STRAINING RECORDED PROCEDURES.
- b. TEST EQUIPMENT IS TO BE CALIBRATED BY AN APPROVED TESTING LABORATORY IN ACCORDANCE WITH STRAINING RECORDED PROCEDURES.
- c. THE FOLLOWING CRITERIA APPLY FOR THE ACCEPTANCE OF INSTALLED ANCHORS:  
 1. THE ANCHOR SHALL BE FULLY EXPANDED.  
 2. THE ANCHOR SHALL BE FULLY EXPANDED.  
 3. THE ANCHOR SHALL BE FULLY EXPANDED.  
 4. THE ANCHOR SHALL BE FULLY EXPANDED.  
 5. THE ANCHOR SHALL BE FULLY EXPANDED.  
 6. THE ANCHOR SHALL BE FULLY EXPANDED.  
 7. THE ANCHOR SHALL BE FULLY EXPANDED.  
 8. THE ANCHOR SHALL BE FULLY EXPANDED.  
 9. THE ANCHOR SHALL BE FULLY EXPANDED.  
 10. THE ANCHOR SHALL BE FULLY EXPANDED.
- d. TESTING SHOULD BE DONE 24 HOURS MINIMUM AFTER INSTALLATION OF THE SUBJECT ANCHORS.
- e. IF ANY ANCHOR FAILS TESTING, TEST ALL ANCHORS OF THE SAME CATEGORY NOT PREVIOUSLY TESTED UNTIL TWENTY (20) CONSECUTIVE PASS, THEN RESUME THE INITIAL TESTING PROGRAM.



REV	CHK	NO.	DESCRIPTION	DATE	BY	CHKR	ENR
0	EM	4300	REVISED NOTES	7-7-00	GO	RAM	CP

PROJECT		APPROVED	
DATE	2000-09-29	NAME	R. J. WILSON
PROJECT	PROHIBITARY	CREATED	4-15-91
REVISIONS	0	REVISIONS	BN 4-13-91
SCALE	AS SHOWN	SCALE	AS SHOWN
PROJECT NO.	2676 G01	PROJECT NO.	2676 G01
SCALE	NONE	SCALE	NONE
PROJECT NO.	2676 G01	PROJECT NO.	2676 G01
SCALE	NONE	SCALE	NONE