

PRE-APPROVAL OF ANCHORAGE
FOR FIXED HOSPITAL
EQUIPMENT

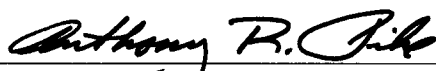


Application No. R-0561
Modular Services Co. - Provider Plus Headwalls & E

has been examined for conformance to the current requirements adopted by the Office of Statewide Health Planning and Development, Facilities Development Division.

Signed this Tuesday, November 23, 2004.

STATE OF CALIFORNIA, HEALTH AND HUMAN SERVICES AGENCY
OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION



Program Administrator

This approval must be renewed every three (3) years. Other conditions requiring renewal are listed below:

1. Changes in the applicable codes and regulations.
2. Changes in the manufactured product (fixed equipment).
3. Changes in the methods of anchorage or anchorage devices.

List of Approved Documents:

- Sheet Nos. i, P.A. Page 1 through 7



EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING

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Modular Services, Inc.

OPA-0561

TABLE OF CONTENTS

| Equipment: | Page No. |
|--|-----------------|
| General Notes | 1 |
| Econowall (Single Sided) | 2 |
| Econowall (Double Sided) | 3 |
| Provider Plus Designer System - Model 6500 | 4 |
| Provider Plus - Model 6600 | 5 |
| Provider Plus - Model 6700 | 6 |
| Provider Plus - Model 6700 Without Chase | 7 |



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Office of Statewide Health Planning and Development
ANCHORAGE PRE-APPROVAL

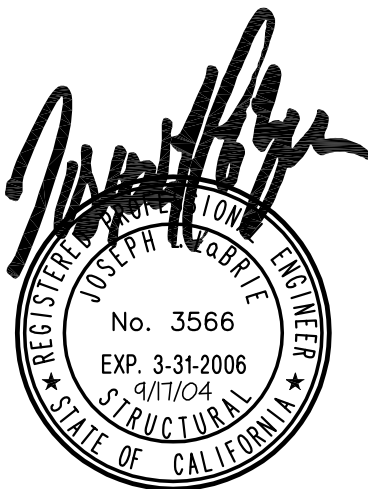
OPA-0561

Equipment Manufacturer: Modular Services, Inc.

Equipment Type: Provider Plus Headwalls & Econowalls

GENERAL NOTES

1. FORCES ARE DETERMINED PER 2001 CBC 1632A.2, EQUATIONS 32-A1, A2 & A3, WHERE $C_a = .66$, $a_p = 1.0$, $I_p = 1.5$ AND $R_p = 3.0$ FOR UPPER FLOOR
 PLEASE NOTE THAT THE RESULT FROM EQUATIONS 32-A1, A2 & A3
 HAVE BEEN REDUCED BY A FACTOR OF 1.4 FOR ALLOWABLE STRESS DESIGN.
2. THIS PRE-APPROVAL CONFORMS TO THE 2001 CALIFORNIA BUILDING CODE.
3. THE DETAILS IN THIS PRE-APPROVAL MAY BE USED AT ANY HEIGHT IN THE BUILDING
 AT ANY LOCATION IN THE STATE OF CALIFORNIA.
4. THE ENGINEER OF RECORD SHALL DESIGN BACKING BARS, STUDS, FRAMES ABOVE THE CEILING, ETC.
 WHICH THE UNITS ARE ATTACHED TO AS NOTED ON THE DRAWINGS. THE ENGINEER OF RECORD
 SHALL ALSO VERIFY THE ADEQUACY OF THE STRUCTURES (SUCH AS WALLS AND FLOORS)
 WHICH SUPPORT THE UNITS FOR THE LOADS IMPOSED ON THEM BY THE UNITS AS WELL AS ALL OTHER LOADS.
 ALL WALL BACKING SHALL BE 16 GAGE AND 50 ksi, MINIMUM.
5. ALL ANCHOR FORCES SHOWN ON THE DRAWINGS ARE WORKING LOADS (AS OPPOSED TO ULTIMATE LOADS)
 AND MAY BE USED FOR ALLOWABLE STRENGTH DESIGN.



A P P R O V E D
Fixed Equipment Anchorage
 Office of Statewide Health Planning and Development

OPA- 0561 Sep. 29, 2004

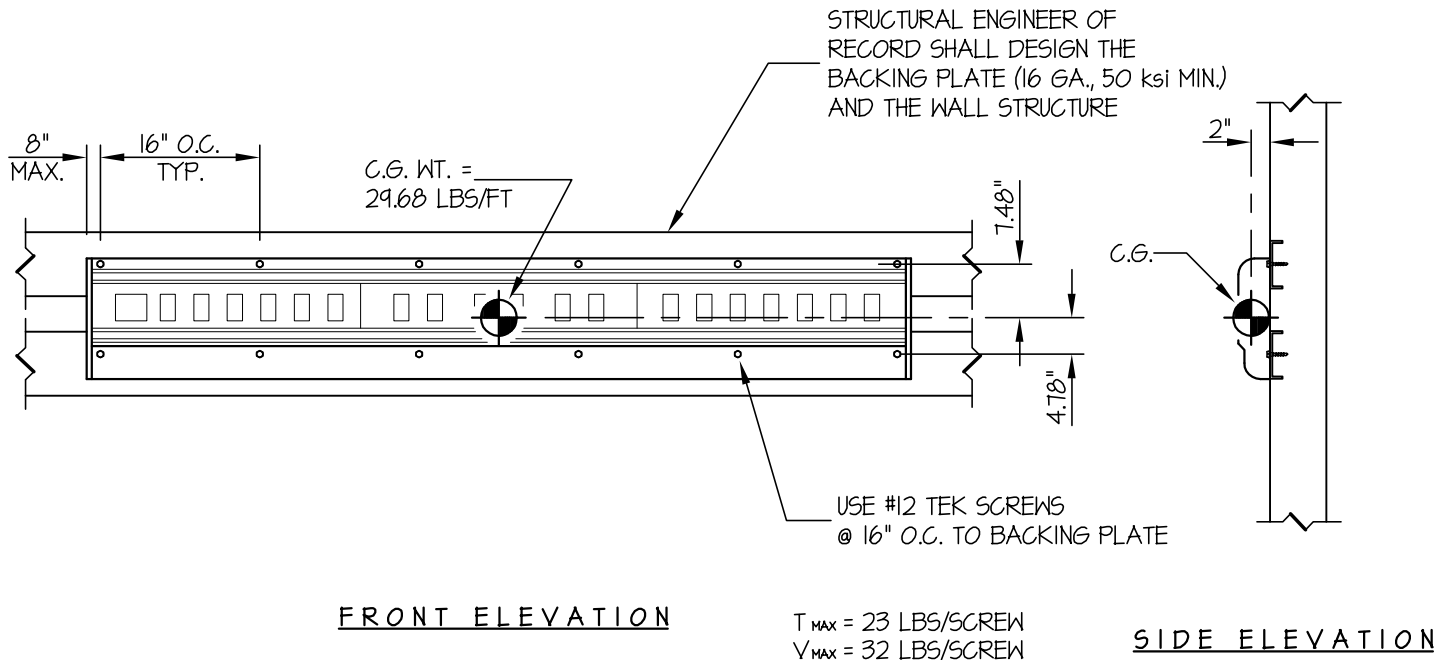
**** Valid for 3 Years Maximum ****



Anthony R. Pike
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| | | |
|---|------------------------|-------------------|
| EASE EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING www.equipmentanchorage.com MODULAR SERVICES COMPANY PROVIDER PLUS - MODEL 6500 | DES. R. LA BRIE | PA. PAGE 4 |
| | JOB NO. 11-0149 | SHEET 1 |
| | DATE 9/17/04 | OF 1 SHEET |

SEISMIC ANCHORAGE PRE-APPROVED DETAIL



NOTES:

- ANCHORAGE DESIGN PER 2001 CALIFORNIA BUILDING CODE - SECTION 1632A AND HAVE BEEN FACTORED TO REPRESENT WORKING DESIGN LOADS, NOT ULTIMATE.
 HORIZONTAL FORCE (V_H) = $0.94W - (C_a = .66, I_p = 1.5, a_p = 1.0, R_p = 3)$
 VERTICAL FORCE (V_V) = $0.33(V_H)$
- CENTER OF GRAVITY (C.G.) WEIGHT IS A MAXIMUM. THIS PRE-APPROVAL ENCOMPASSES ALL WEIGHTS UP TO THE MAXIMUM WEIGHT SHOWN.
- ARCHITECT OR STRUCTURAL ENGINEER OF RECORD FOR THE BUILDING SHALL PROVIDE SUPPORT STRUCTURE DESIGNED TO SUPPORT WEIGHTS AND FORCES SHOWN.
- SEE GENERAL NOTES: P.A. PAGE 1

