



DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION  
FACILITIES DEVELOPMENT DIVISION

APPLICATION FOR HCAI PREAPPROVAL OF  
MANUFACTURER'S CERTIFICATION (OPM)

OFFICE USE ONLY

APPLICATION #: OPM-0698

HCAI Preapproval of Manufacturer's Certification (OPM)

Type:  New  Renewal/Update

Manufacturer Information

Manufacturer: Amico Corporation

Manufacturer's Technical Representative: Carmen Ene

Mailing Address: 600 Prime Place, Hauppauge, NY 11788

Telephone: (905) 764-0800

Email: CEne@Amico.com

Product Information

Product Name: Nulook Series Recessed Panel walls OPM-0698

Product Type: Wall mounted unit - mechanical and other electrical units

Product Model Number: 48"x 48" to 48"x108" panel attached to 96"-120" high CFS stud walls

General Description: Aluminum front frame with optional vertical and/or horizontal rail system mounted to Walls

Applicant Information

Applicant Company Name: GPLA, Inc

Contact Person: Bala Surampudi

Mailing Address: 3350 Scott Blvd, Bldg 48, Santa Clara, CA 95054

Telephone: (408) 654-0475

Email: bala@gplainc.com

Title: Project Engineer

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STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY





**DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION  
FACILITIES DEVELOPMENT DIVISION**

**Registered Design Professional Preparing Engineering Recommendations**

Company Name: GPLA, INC  
Name: Gregory Luth California License Number: S2718  
Mailing Address: 3350 Scott Blvd. Bldg. 48, Santa Clara, CA 95054  
Telephone: (415) 310-5955 Email: greg@gplainc.com

**HCAI Special Seismic Certification Preapproval (OSP)**

Special Seismic Certification is preapproved under OSP OSP Number: \_\_\_\_\_

**Certification Method**

Testing in accordance with:  ICC-ES AC156  FM 1950-16  
 Other(s) (Please Specify): \_\_\_\_\_

\*Use of criteria other than those adopted by the California Building Standards Code, 2022 (CBSC 2022) for component supports and attachments are not permitted. For distribution system, interior partition wall, and suspended ceiling seismic bracings, test criteria other than those adopted in the CBSC 2022 may be used when approved by HCAI prior to testing.

Analysis  
 Experience Data  
 Combination of Testing, Analysis, and/or Experience Data (Please Specify): \_\_\_\_\_

**HCAI Approval**

Date: 10/25/2023  
Name: William Staehlin Title: Senior Structural Engineer  
Condition of Approval (if applicable): \_\_\_\_\_

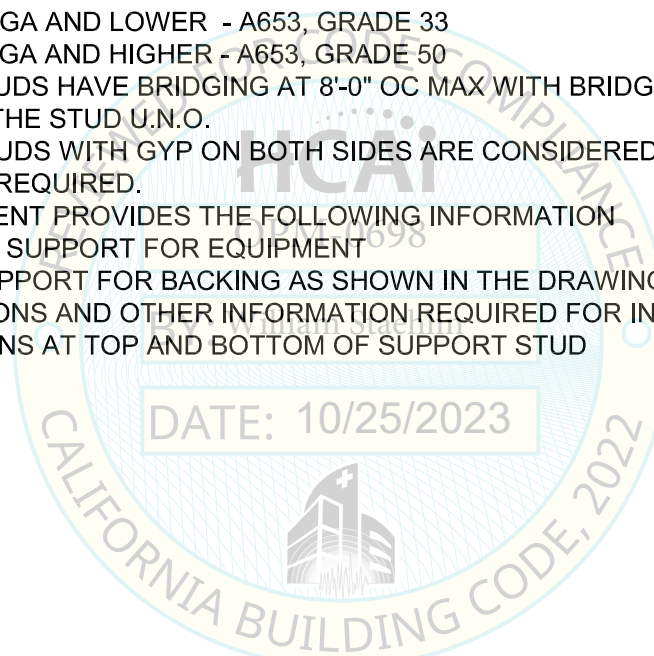
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
# GENERAL NOTES

1. THE DOCUMENT SHALL BE USED WITH MANUFACTURER'S WRITTEN CONSENT AT A SPECIFIC SITE.
2. THE CALCULATIONS ARE BASED ON REQUIREMENTS OF CBC 2022
3. DESIGN CRITERIA:
  - 3.1.  $SDS \leq 2.32$
  - 3.2. DESIGN COMPONENT TYPE: OTHER RIGID COMPONENTS WITH LOW DEFORMABILITY MATERIALS AND ATTACHMENTS
    - $R = 1.5$
    - $l_p = 1.5$
    - $a_p = 1.0$
4. ALL CALCULATIONS ARE BASED ON ALLOWABLE STRENGTH DESIGN
5. SHEET METAL SCREWS BY ITW BUILDEX PER ESR-1976
6. COLD-FORMED STEEL MEMBER TYPE IS AS FOLLOWS:
  - 6.1. 43 MIL/18GA AND LOWER - A653, GRADE 33
  - 6.2. 54 MIL/16GA AND HIGHER - A653, GRADE 50
7. SUPPORT STUDS HAVE BRIDGING AT 8'-0" OC MAX WITH BRIDGING WITHIN 1'-0' FROM TOP & BOTTOM OF THE STUD U.N.O.
8. SUPPORT STUDS WITH GYP ON BOTH SIDES ARE CONSIDERED FULLY SHEATHED. NO BRIDGING IS REQUIRED.
9. THIS DOCUMENT PROVIDES THE FOLLOWING INFORMATION
  - 9.1. BACKING SUPPORT FOR EQUIPMENT
  - 9.2. STUD SUPPORT FOR BACKING AS SHOWN IN THE DRAWINGS
  - 9.3. DIMENSIONS AND OTHER INFORMATION REQUIRED FOR INSTALLATION
  - 9.4. REACTIONS AT TOP AND BOTTOM OF SUPPORT STUD

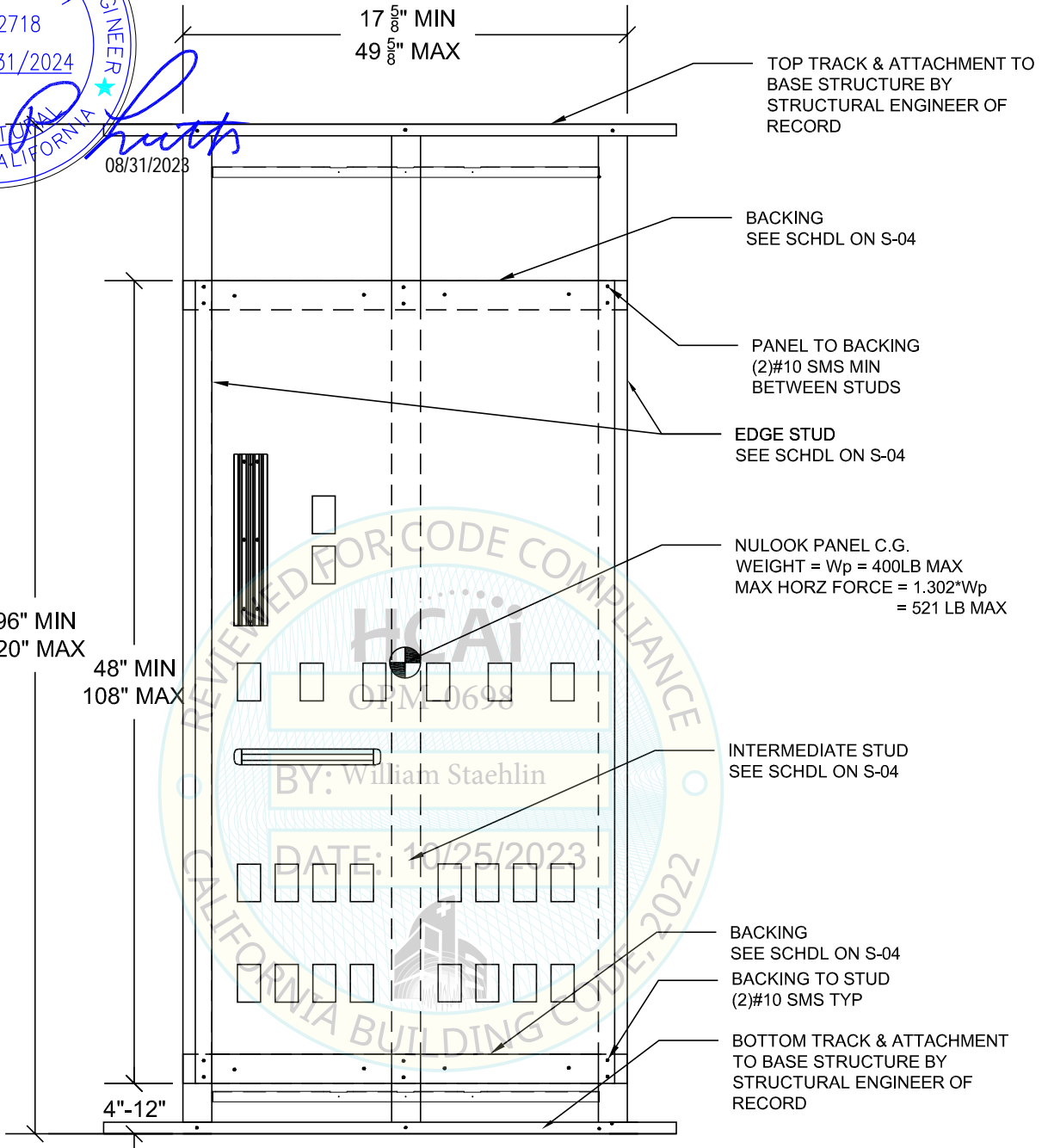


DRAWING FILE NAME: S1.dwg  
PLOT DATE: 07/10/2023

 <b>GPLA</b> Structural Engineers and Builders 3350 Scott Blvd, #48 Santa Clara, CA 95054 Telephone: 408 654-0475 Fax: 408 654-0476
10/25/2023

Drawing Title: GENERAL NOTES	Detail Reference: 
	Date: 07/10/2023
Project Name AMICO BULOOK - CBC 2022 REVIEW     Scale: N.T.S.     GRM No. 0698	
OPM-0698 - Reviewed for Code Compliance by William E. Staehlin	

<b>S-01</b>
Drawing Number 3 of 6



## ELEVATION

DIRECTION	MAXIMUM REACTIONS	PANEL TO STUD @ EACH BACKING LOCATION		STUD BASE		TOP OF STUD	
		48" DEEP PANEL	108" DEEP PANEL	48" DEEP PANEL	108" DEEP PANEL	48" DEEP PANEL	108" DEEP PANEL
GRAVITY		110#	110#	352#	364#		
OUT-OF-PLANE LATERAL		92#	55#	160#	175#	120#	170#

DOUBLE THE REACTIONS FOR 2 SIDED PANEL SYSTEMS

NOTE: NULOOK PANEL IS CONNECTED TO STUD USING 3 BACKING TRACKS @ 48" PANELS & @ 5 BACKING TRACKS @ 108" PANELS

DRAWING FILE NAME: S2.dwg  
PLOT DATE: 10/23/2023

**GPLA**  
Structural Engineers and Builders  
3350 Scott Blvd, #48  
Santa Clara, CA 95054  
Telephone: 408 654-0475  
Fax: 408 654-0476  
10/25/2023

Drawing Title: ELEVATION

Detail Reference:

Date: 07/10/2023

Project Name AMICO NULOOK - CBC 2022 REVIEW Scale: N.T.S. GRM No. 0698  
OPM-0698, Reviewed for Code Compliance by William E. Staehlin

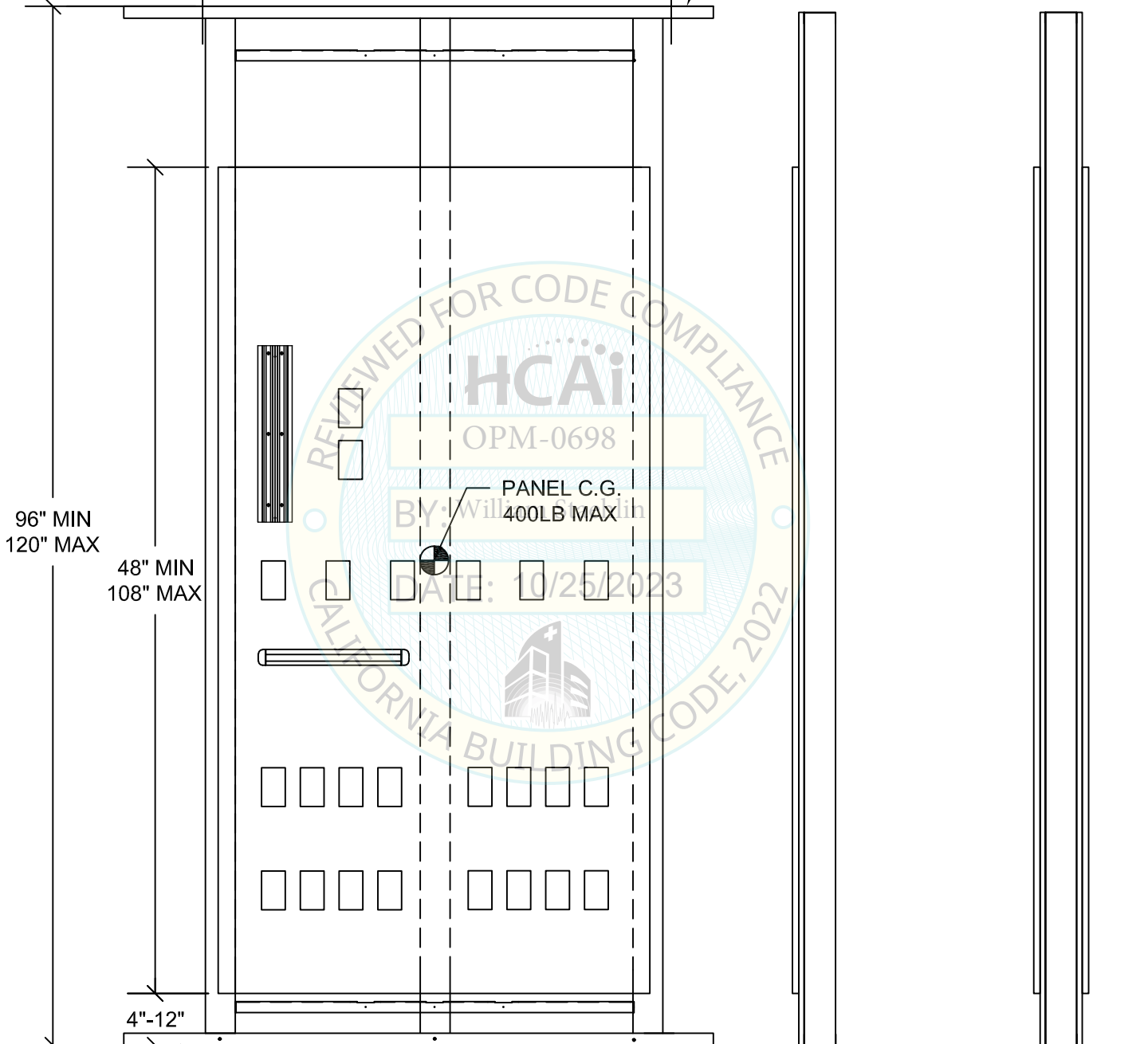
S-02

Drawing Number  
4 of 6



17 <sup>5</sup>/<sub>8</sub>" MIN  
49 <sup>5</sup>/<sub>8</sub>" MAX

TOP TRACK BY OTHERS

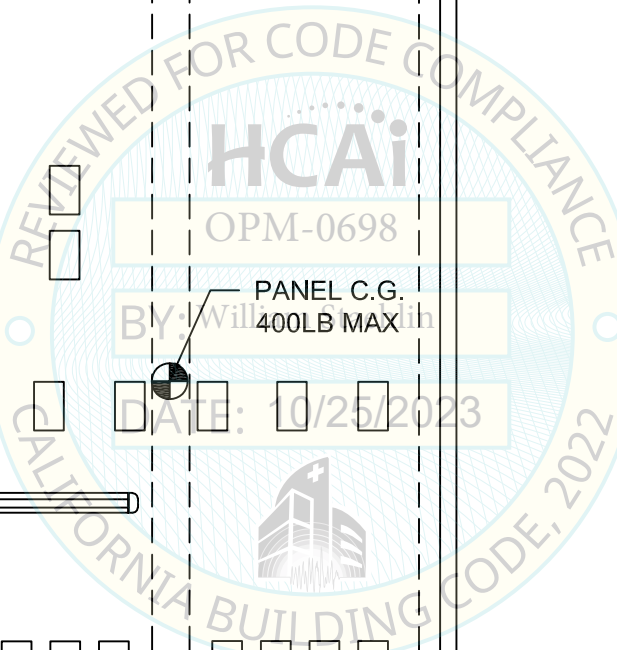


ELEVATION

SINGLE SIDED  
PANEL


DOUBLE SIDED  
PANEL

BOTTOM TRACK BY  
OTHERS



DRAWING FILE NAME: S2A.dwg  
PLOT DATE: 08/18/2023

**GPLA**  
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10/25/2023

Drawing Title: ELEVATION  
Detail Reference:   
Date: 07/20/2023  
Project Name: AMICO NULOOK - CBC 2022 REVIEW  
Scale: N.T.S.  
OPM No. 0698  
Reviewed for Code Compliance by William E. Staehlin

S-03  
Drawing Number  
3 of 6

STUD SCHEDULE

PANEL CONFIGURATION	STUD HEIGHT	2-1/2" WALL	3-5/8" WALL	4" WALL	6" WALL
ONE SIDED	96"	16 GA	18 GA	18 GA	18 GA
	120"	16 GA <sup>[1]</sup>	16 GA	16 GA	18 GA
TWO SIDED	96"	NA	16GA	16 GA	18 GA
	120"	NA	16GA	16 GA	18 GA

BACKING SCHEDULE:

BACKING TYPE <sup>[2]</sup>	STUD SPACING	
	16" OC	24" OC
600T125-43	Ph = 100# Pv = 200#	Ph = 80# Pv = 160#
600T125-54	Ph = 240# Pv = 150#	Ph = 180# Pv = 360#

[1] STUDS SHALL HAVE BRIDGING AT MID HEIGHT

[2] BACKING TYPE MAY BE REPLACED BY EQUIVALENT BACKING PROVIDED BY THE HEADWALL MANUFACTURER

NOTES:


- A. ALL STUDS HAVE STANDARD HOLES.
- B. TYPICAL STUD DIMENSIONS :  
FLANGE WIDTH = 1.625"  
LIP LENGTH = 0.625"
- C. FORCES SHOWN ON THE BACKING SCHEDULE SHALL BE USED FOR DESIGN OF BACKING PLATE/TRACK  
Ph = OUT-OF-PLANE HORIZONTAL POINT LOAD AT MID POINT OF BACKING PLATE/TRACK  
Pv = GRAVITY POINT LOAD AT MID POINT OF BACKING PLATE/TRACK

REVIEWED FOR CODE COMPLIANCE  
OPM-0698  
BY: William Staehlin  
10/25/2023



DRAWING FILE NAME: S4-10-23-2023.dwg  
PLOT DATE: 10/23/2023

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3350 Scott Blvd, #48  
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10/25/2023

**Drawing Title:** SCHEDULES **Detail Reference:** 

**Date:** 07/10/2023

**Project Name:** AMICO NUNOOK - CBC 2022 REVIEW **Scale:** N.T.S. **OPM No.:** 0698

**S-04**

**Drawing Number**  
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