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

OFFICE USE ONLY

APPLICATION #: OPM-0346

HCAI Preapproval of Manufacturer's Certification (OPM)

Type: ☐ New ☒ Renewal/Update

Manufacturer Information

Manufacturer: Omnicell. Inc

Manufacturer's Technical Representative: Jason Bazala

Mailing Address: 51 Pennwood Place, Suite 400, Warrendale, PA 15086

Telephone: (724) 552-8152 Email: jason.bazala@omnicell.com

Product Information

Product Name: Tall Frame

Product Type: Automated Medication Dispensing Cabinets

Product Model Number: One-cell, two-cell, and three-cell cabinets

General Description: Medication storage and dispensing cabinets

REVIEWED FOR CODE COMPLIANCE
HCAI
OPM-0346
BY: Roy Lobo
DATE: 09/27/2026
CALIFORNIA BUILDING CODE

Applicant Information

Applicant Company Name: Omnicell. Inc

Contact Person: Jason Bazala

Mailing Address: 51 Pennwood Place, Suite 400, Warrendale, PA 15086

Telephone: (724) 552-8152 Email: jason.bazala@omnicell.com

Title: Technical Director - Device Engineering

Registered Design Professonal Preparing Engineering Recommendations

Company Name: DEGENKOLB ENGINEERS

Name: Chad Closs California License Number: S5946

Mailing Address: 225 Broadway, Suite 1325, San Diego, CA 92101

Telephone: (858) 699-5412 Email: ccloss@degenkolb.com

Certification Method

Testing in accordance with: ☐ ICC-ES AC156 ☐ FM 1950 ☐ ASHRAE 171 ☐ FEMA 461

☐ Other(s) (Please Specify):

*Use of criteria other than those adopted by the California Building Standards Code, 2025 (CBSC 2025) 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 2025 may be used when approved by HCAI prior to testing.

☒ Analysis

☐ Experience Data

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

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OPM-0346
BY: Roy Lobo
DATE: 09/27/2026
CALIFORNIA BUILDING CODE, 2025

HCAI Approval

Date: 9/27/2026

Name: Roy Lobo Title: Principal Structural Engineer

Condition of Approval (if applicable):

HCAi PRE-APPROVAL OF MANUFACTURER'S CERTIFICATION
OPM-0346-25
OMNICELL ONE-, TWO- AND THREE-CELL CABINETS

DEGENKOLB ENGINEERS
225 Broadway, Suite 1325
San Diego, CA 92101
619.515.0299 PHONE
619.515.0298 FAX

REGISTERED PROFESSIONAL ENGINEER
CHAD RAYMOND CLOSS
No. S 5946
Exp. Date
STRUCTURAL
STATE OF CALIFORNIA
10/15/26

ONE-CELL CABINET MODELS	TWO-CELL CABINET MODELS	THREE-CELL CABINET MODELS
MED-FRM-501, NAC-FRM-504, NAC-FRM-505, NAC-FRM-510, NAC-FRM-509, NAC-FRM-513, NAC-FRM-518, NAC-FRM-517, MED-FRM-601, MED-AUX-601, NAC-FRM-604, NAC-FRM-617, NAC-FRM-618	MED-FRM-502, NAC-FRM-506, NAC-FRM-507, MED-FRM-602, MED-AUX-602, NAC-FRM-606	MED-FRM-503, MED-FRM-603, MED-AUX-603

GENERAL NOTES:

1. THIS HCAi PREAPPROVAL OF MANUFACTURER'S CERTIFICATION (OPM) IS BASED ON THE 2025 CALIFORNIA BUILDING CODE (CBC). THE DEMAND (DESIGN FORCES) FOR USE WITH THIS OPM SHALL BE BASED ON THE CBC 2025.

2. PRE-APPROVED DESIGN AND MATERIALS CONFORM WITH THE 2025 EDITION OF THE CALIFORNIA BUILDING CODE. DETAILS WITHIN THIS APPROVAL MAY BE USED ANYWHERE IN THE STATE OF CALIFORNIA WHERE F_p IS LESS THAN THE SPECIFIED MAX VALUES ON PAGE 2 FOR CASE 1, AND $\Omega_{OP}F_p$ IS LESS THAN THE SPECIFIED MAX VALUES ON PAGE 4 FOR CASE 2, AND PAGE 5 FOR CASE 3.

3. SEISMIC FORCES ON EQUIPMENT DETERMINED PER THE 2025 CBC & ASCE 7-22 SECTION 13.3. ALL LOADS IN THIS PRE-APPROVAL ARE AT STRENGTH LEVEL AND SHALL BE USED FOR STRENGTH DESIGN.

   S_{DS} = VARIES, WORSE CASE ACCELERATION
   I_P = 1.5 FOR ESSENTIAL EQUIPMENT
   R_U = VARIES, STRUCTURE DUCTILITY REDUCTION FACTOR
   H_F = VARIES, FORCE AMPLIFICATION AS A FUNCTION OF HEIGHT

   OTHER MECHANICAL OR ELECTRICAL COMPONENTS
   R_{PO} = 1.5
   Ω_{OP} = 2.0
   C_{AR} = 1.0

4. THE STRUCTURAL ENGINEER-OF-RECORD (S.E.O.R.) IS RESPONSIBLE FOR THE FOLLOWING:

   a. VERIFY THAT THE PROJECT SPECIFIC EQUIPMENT F_P FOR CASE 1 AND $\Omega_{OP}F_p$ FOR CASE 2 AND CASE 3 VALUE DOES NOT EXCEED THE MAX F_P FOR CASE 1 AND MAX $\Omega_{OP}F_P$ FOR CASE 2 AND CASE 3 VALUE SHOWN IN THESE DETAILS.
   b. VERIFY THAT THE ANCHORS ARE AN ADEQUATE DISTANCE FROM ANY SLAB OPENINGS OR EDGES.
   c. VERIFY THAT THE ANCHORS ARE AN ADEQUATE DISTANCE FROM ANY NEW OR EXISTING ANCHORS.
   d. DESIGN ANY SUPPLEMENTARY MEMBERS AND THEIR ATTACHMENTS WHICH THE UNIT IS ANCHORED TO. VERIFY THE ADEQUACY OF ANY EXISTING MEMBERS AND THEIR ATTACHMENTS WHICH THE UNIT IS ANCHORED TO FOR THE FORCES EXERTED ON THEM BY THE UNIT IN ADDITION TO ALL OTHER LOADS AND FORCES.
   e. VERIFY THAT THE INSTALLATION IS IN CONFORMANCE WITH THE 2025 CBC AND WITH THE DETAILS SHOWN IN THIS PRE-APPROVAL. VERIFY THAT THE EQUIPMENT'S ACTUAL WEIGHT, CG LOCATION, ANCHOR LOCATIONS, ANCHOR DETAILS AND THE MATERIAL AND GAGE OF THE UNIT WHERE ATTACHMENTS ARE MADE AGREE WITH THE INFORMATION SHOWN IN THIS PRE-APPROVAL.

5. THE MANUFACTURER SUPPLIED BASE BRACKETS HAVE BEEN EVALUATED FOR THE WORST CASE LOADING PER THE 2025 CBC. STRUCTURAL ENGINEER-OF-RECORD (S.E.O.R.) SHALL EVALUATE BRACKET ANCHORAGE FOR CONDITIONS THAT VARY FROM THIS PRE-APPROVAL.

6. CONTRACTOR/INSPECTOR OF RECORD MUST VERIFY ANCHOR SPACING TO EXISTING ADJACENT ANCHORS IS TO BE GREATER THAN 6".

7. THIS OPM COVERS ONLY THE SUPPORTS AND ATTACHMENTS OF THE UNIT TO THE STRUCTURE.

8. EXPANSION OR WEDGE ANCHORS INTO CONCRETE: HILTI KB-TZ2 (ICC ESR 4266) AND DEWALT POWER-STUD+ SD2 (ICC ESR 2502). INSTALL ANCHORS IN ACCORDANCE WITH THE ICC REPORT AND MANUFACTURER'S RECOMMENDATIONS. TEST AT LEAST 50% OF ANCHORS NO SOONER THAN 24 HOURS AFTER INSTALLATIONS. TESTS SHALL BE CONDUCTED IN THE PRESENCE OF THE INSPECTOR OF RECORD (IOR) AND A REPORT OF THE TEST RESULTS SHALL BE SUBMITTED TO HCAi.

   TEST PER THE FOLLOWING METHOD:
   a. TORQUE WRENCH TEST: TEST ANCHORS TO THE REQUIRED TORQUE LOAD GIVEN IN TABLE BELOW WITHIN THE LIMIT OF ONE-HALF TURN OF THE NUT.

ANCHOR TEST LOAD VALUES							
ANCHOR TYPE	ANCHOR DIAMETER	EMBED hef	TORQUE LOAD (FT-LBS)	f'c MIN (PSI)	MINIMUM EDGE DIST REQ.	MINIMUM SPACING REQ.	CONCRETE TYPE
HILTI KB-TZ2	3/8"	2"	30	3,000	36"	3 1/2"	SAND LWC OR NWC
DEWALT SD2	3/8"	2"	20	3,000	36"	3 1/2"	SAND LWC OR NWC

9. IF ANY ANCHOR FAILS DURING TESTING, UNIT MUST BE MOVED SO THAT NO ANCHOR IS WITHIN 6" OF AN ABANDONED ANCHOR.

10. A MANUFACTURER PROVIDED PERMANENT PLAQUE MUST BE AFFIXED ON THE UNIT STATING THE FOLLOWING: "WEIGHT OF CONTENTS SHALL NOT EXCEED 10 PCF". WEIGHT OF CONTENTS USED FOR DESIGN IS 10 PCF. VERIFY IN FIELD BEFORE INSTALLATION.

11. FOR BOLTS THROUGH CONCRETE ON METAL DECK
    A. BOLTS SHALL BE TORQUED BY 3/4 TURN OF THE NUTS AFTER THE SNUG TIGHT CONDITION (SNUG TIGHT CONDITION IS DEFINED AS THE TIGHTNESS REQUIRED TO BRING THE CONNECTED PLIES INTO FIRM CONTACT) IS ACHIEVED.
    B. THROUGH BOLTS IN CONCRETE SHALL RECEIVE SPECIAL INSPECTION AND TESTING IN ACCORDANCE WITH REQUIREMENTS FOR POST-INSTALLED ANCHORS.

12. INSTALLATION PROCEDURE:
    a. MOUNT BASE BRACKET PROVIDED BY OMNICELL TO FLOOR WITH THROUGH BOLTS OR EXPANSION ANCHORS RESPECTIVELY. REFERENCE MFR'S INSTALLATION GUIDE FOR PROPER SPACING
    b. ROLL UNIT ONTO BASE BRACKET WITH DOWEL PIN INSERTING INTO BACK CASING OF UNIT.
    c. PIN UNIT AT FRONT WITH END PLATE, CONNECTING IT TO BOTH THE UNIT CASING AND THE CASE BRACKET.

NEW YORK CITY BUILDING CODE COMPLIANCE
OPM-0346
BY Roy Lobo
2022 NEW YORK CITY CONSTRUCTION CODES

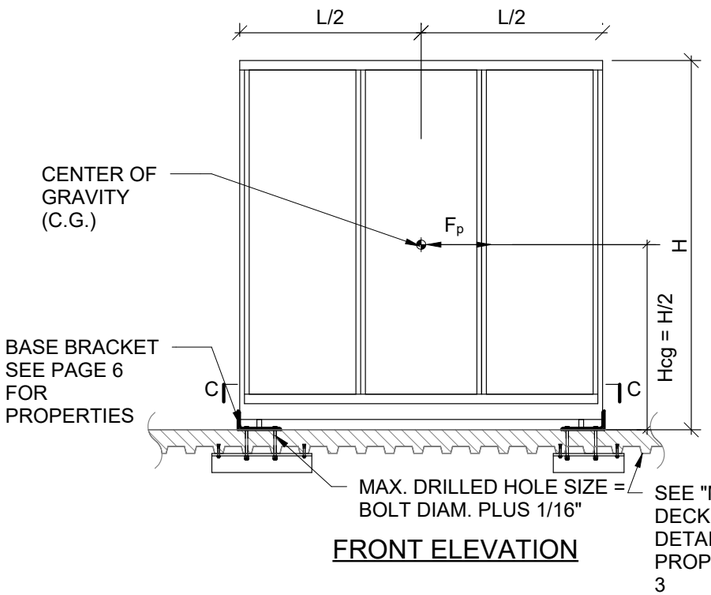
HCAi PRE-APPROVAL OF MANUFACTURER'S CERTIFICATION
OPM-0346-25
OMNICELL ONE-, TWO- AND THREE-CELL CABINETS

DEGENKOLB ENGINEERS
225 Broadway, Suite 1325
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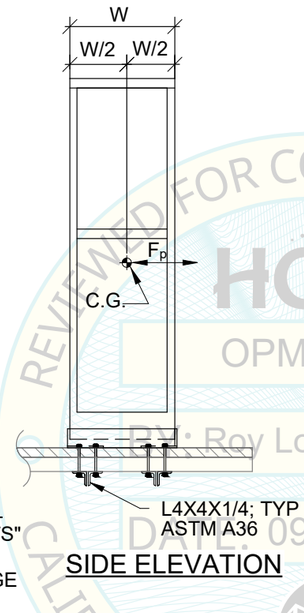
REGISTERED PROFESSIONAL ENGINEER
CHAD RAYMOND CLOSS
No. S 5946
Exp. Date
STRUCTURAL
STATE OF CALIFORNIA
10/15/26

ONE-CELL CABINET MODELS	TWO-CELL CABINET MODELS	THREE-CELL CABINET MODELS
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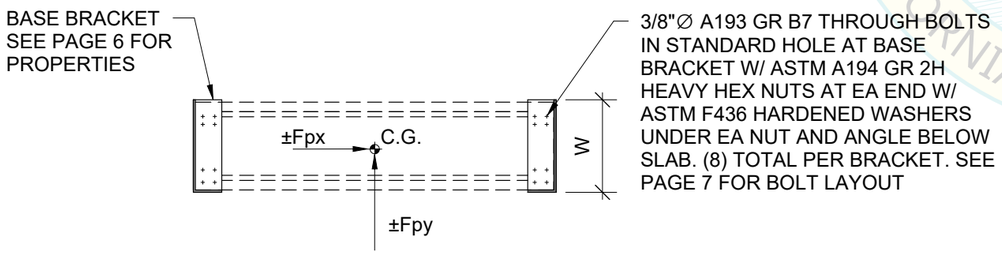
CASE 1 - ONE, TWO AND THREE CELL TALL CABINETS ABOVE GRADE - THROUGH BOLT



FRONT ELEVATION



SIDE ELEVATION



PLAN SECTION C-C

MODEL	Wp (LBS)	MAX F_P	FORCES			CABINET PROPERTIES		
			Rult (LBS)	Vult (LBS/BOLT)	Tult (LBS/BOLT)	L (in)	W (in)	H (in)
ONE-CELL CABINETS	1,375	3,276	2,161	426	2,176	26 1/2	27	77.5
TWO-CELL CABINETS	2,500	5,964	2,567	483	2,889	51 1/2	27	77.5
THREE-CELL CABINETS	3,670	8,760	3,436	710	3,952	76 1/2	27	77.5

R_{ult} = MAXIMUM BRACKET PIN UPLIFT FORCE AT STRENGTH LEVEL
V_{ult} = MAXIMUM SHEAR PER THROUGH BOLT AT STRENGTH LEVEL
T_{ult} = MAXIMUM THROUGH BOLT TENSION FORCE AT STRENGTH LEVEL
W_p = TOTAL WEIGHT; INCLUDES 10 pcf CONTENTS PER NOTE 10 ON PAGE 1

SEE PAGE 6 FOR FORCE VECTORS

NOTES:
1. THE DESIGN OF SUPPORTS AND ATTACHMENTS CONFORMS TO THE 2025 CALIFORNIA BUILDING CODE.
2. Rult, Vult AND Tult GIVEN ARE FACTORED LOADS AT STRENGTH LEVEL. FINAL DEMAND FORCES FOR BEARING ON CONCRETE AND BREAK OUT OF CONCRETE SHALL INCLUDE OVERSTRENGTH FACTOR Ω_o AS DEFINED BY ASCE 7-22.
3. SEE GENERAL NOTES SECTION ON PAGE 1.
4. FOR THE SUPPORT AND ATTACHMENT DESIGN, THE MOST CRITICAL LOAD COMBINATION IS $(0.9 - 0.2S_{DS})xDL$
5. SEE PAGE 6 FOR LOCATION OF APPLIED FORCES IN BASE BRACKET.
6. SEE PAGE 6 AND PAGE 7 FOR MANUFACTURER BRACKET INFORMATION.
7. S.E.O.R. MAY RECALCULATE MAX. ANCHOR FORCES Rult, Vult AND Tult, AT THEIR DISCRETION, BASED ON PROJECT SPECIFIC SEISMIC DEMANDS SUBJECT TO HCAi REVIEW/PERMIT.
8. TOTAL WEIGHT (Wp) IS A MAXIMUM. THIS PREAPPROVAL ENCOMPASSES ALL WEIGHTS UP TO THE MAXIMUM SHOWN.
9. EQUIPMENT MANUFACTURER MUST DESIGN UNIT TO MAKE Hcg EQUAL OR LESS THAN THE HEIGHT DIMENSION SHOWN.
10. SEE "MINIMUM STEEL DECK REQUIREMENTS" DETAIL FOR SLAB PROPERTIES ON PAGE 3

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BY: Roy Lobo
DATE: 09/27/2026
CALIFORNIA BUILDING CODE 2025

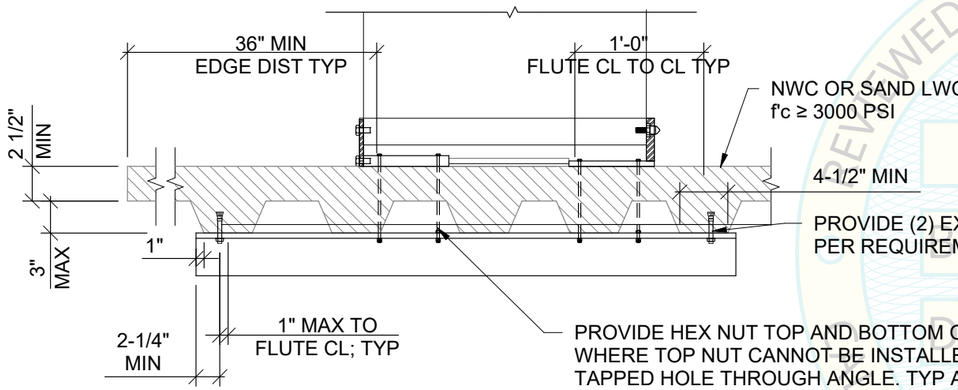
HCAi PRE-APPROVAL OF MANUFACTURER'S CERTIFICATION
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OMNICELL ONE-, TWO- AND THREE-CELL CABINETS

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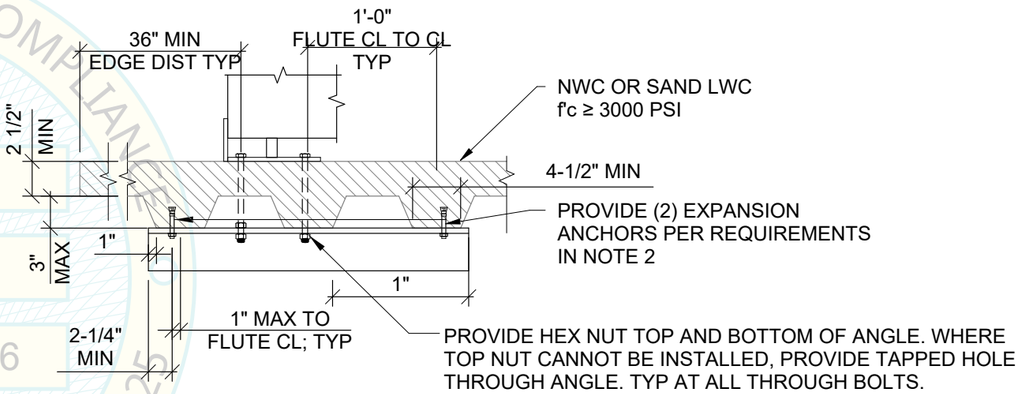
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No. S 5946
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ONE-CELL CABINET MODELS	TWO-CELL CABINET MODELS	THREE-CELL CABINET MODELS
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MINIMUM STEEL DECK REQUIREMENTS



THROUGH BOLT ASSEMBLY WHEN METAL DECK RIBS ARE PERPENDICULAR TO THE BRACKET



THROUGH BOLT ASSEMBLY WHEN METAL DECK RIBS ARE PARALLEL TO THE BRACKET

NOTES:

1. PROVIDE 36" MINIMUM DISTANCE TO EDGE OF SLAB OR OPENINGS
2. PROVIDE (2) 3/8" Ø EXPANSION ANCHORS W/ 2" EMBED TO SUPPORT ANGLE. INSTALL ON THE SLAB RIB INDEPENDENT FROM THROUGH BOLTS. EXTEND ANGLE AS REQUIRED. DO NOT INSTALL EXPANSION ANCHORS IN SLAB RIBS WHERE THROUGH BOLTS ARE PRESENT.
3. W- STEEL DECK TO BE 20 GAGE MIN.

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CALIFORNIA BUILDING CODE 2025

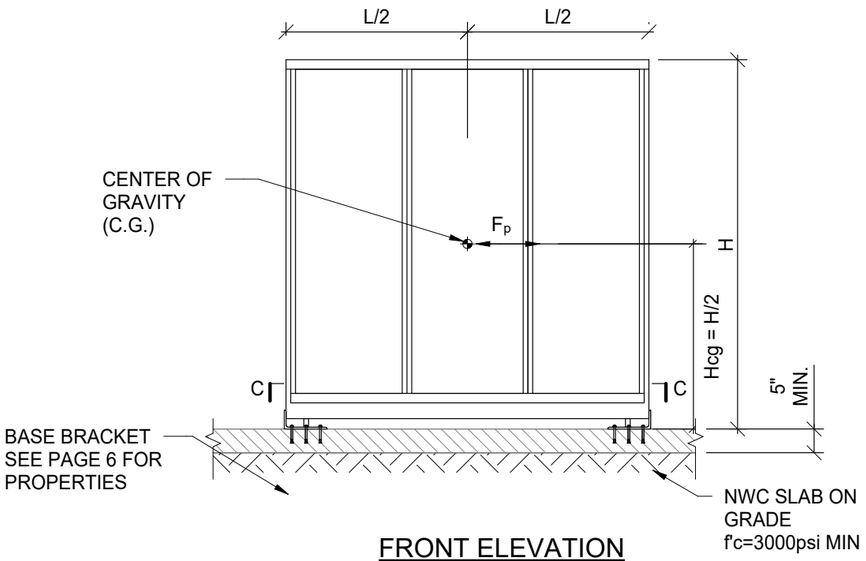
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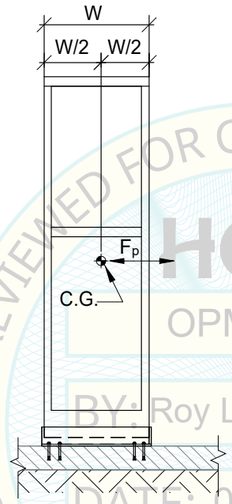
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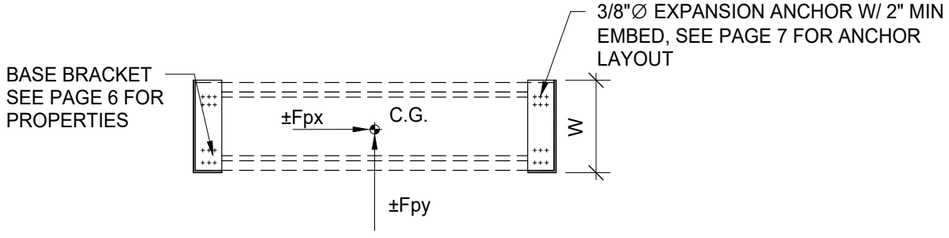
CASE 2 - ONE, TWO AND THREE CELL TALL CABINETS ON GRADE



FRONT ELEVATION
(3-CELL SHOWN)



SIDE ELEVATION



PLAN SECTION C-C

MODEL	Wp (LBS)	MAX $\Omega_{OP}F_P$ (LBS)	FORCES			CABINET PROPERTIES		
			Rult (LBS)	Ω_OVult (LBS/BOLT)	Ω_OTult (LBS/BOLT)	L (in)	W (in)	H (in)
ONE-CELL CABINETS	1,375	1843	546	364	740	26 1/2	27	77.5
TWO-CELL CABINETS	2,500	3355	612	329	964	51 1/2	27	77.5
THREE-CELL CABINETS	3,670	4927	816	297	1,019	76 1/2	27	77.5

R_{ult} = MAXIMUM BRACKET PIN UPLIFT FORCE AT STRENGTH LEVEL
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OPM-0346
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DATE: 09/27/2026
CALIFORNIA BUILDING CODE, 2025

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2. Rult, Vult AND Tult GIVEN ARE FACTORED LOADS AT STRENGTH LEVEL. FINAL DEMAND FORCES FOR ANCHORAGE TO CONCRETE SHALL INCLUDE OVERSTRENGTH FACTOR Ω_o AS DEFINED BY ASCE 7-22.
3. FOR THE SUPPORT AND ATTACHMENT DESIGN, THE MOST CRITICAL LOAD COMBINATION IS $(0.9 - 0.2S_{DS})$xDL.
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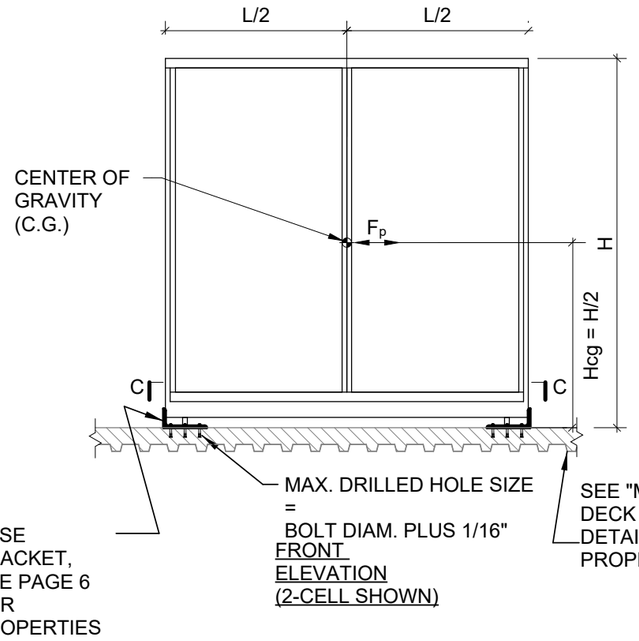
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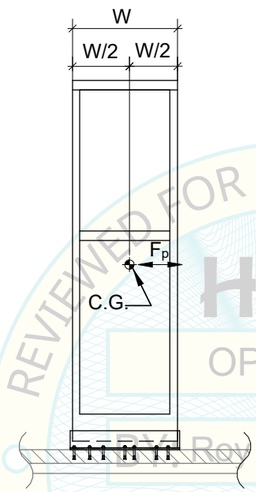
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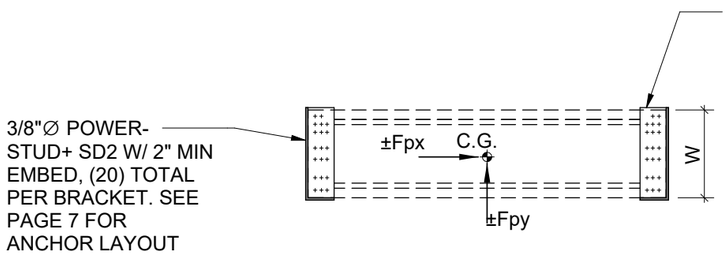
CASE 3 - ONE-, TWO-, AND THREE-CELL TALL CABINETS ABOVE GRADE - POST INSTALLED ANCHORS



FRONT ELEVATION (2-CELL SHOWN)



SIDE ELEVATION



PLAN SECTION C-C

MODEL	Wp (LBS)	MAX $\Omega_{OP}F_P$ (LBS)	FORCES			CABINET PROPERTIES		
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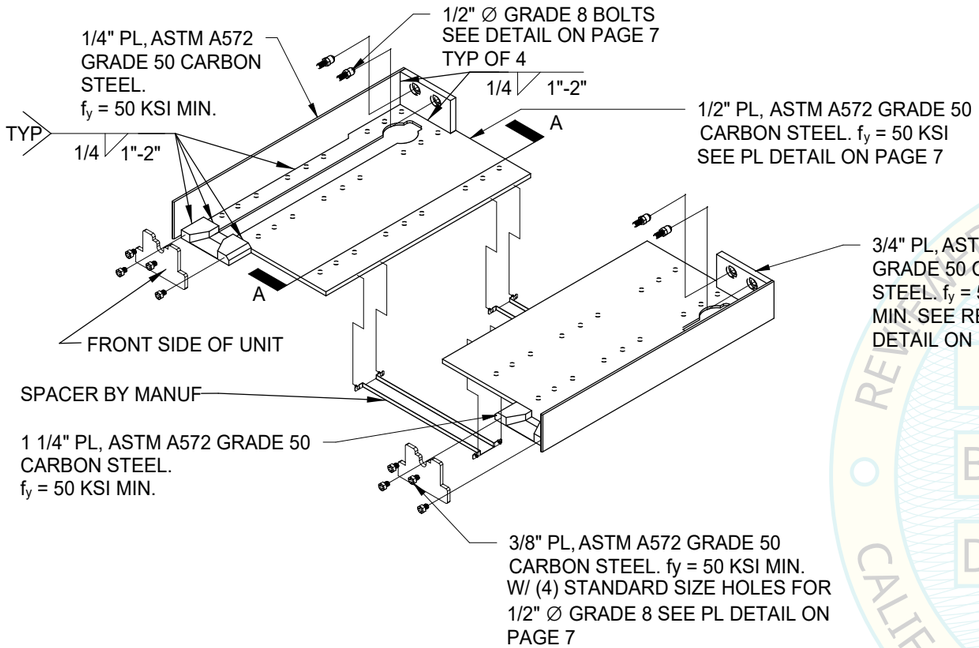
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5. SEE PAGE 6 FOR LOCATION OF APPLIED FORCES IN BASE BRACKET.
6. SEE PAGE 6 AND PAGE 7 FOR MANUFACTURER BRACKET INFORMATION.
7. S.E.O.R. MAY RECALCULATE MAX. ANCHOR FORCES Rult, Vult AND Tult, AT THEIR DISCRETION, BASED ON PROJECT SPECIFIC SEISMIC DEMANDS SUBJECT TO HCAi REVIEW/PERMIT.
8. TOTAL WEIGHT (Wp) IS A MAXIMUM. THIS PREAPPROVAL ENCOMPASSES ALL WEIGHTS UP TO THE MAXIMUM SHOWN.
9. EQUIPMENT MANUFACTURER MUST DESIGN UNIT TO MAKE Hcg EQUAL OR LESS THAN THE HEIGHT DIMENSION SHOWN.
10. SEE "MINIMUM STEEL DECK REQUIREMENTS" DETAIL FOR SLAB PROPERTIES ON PAGE 3

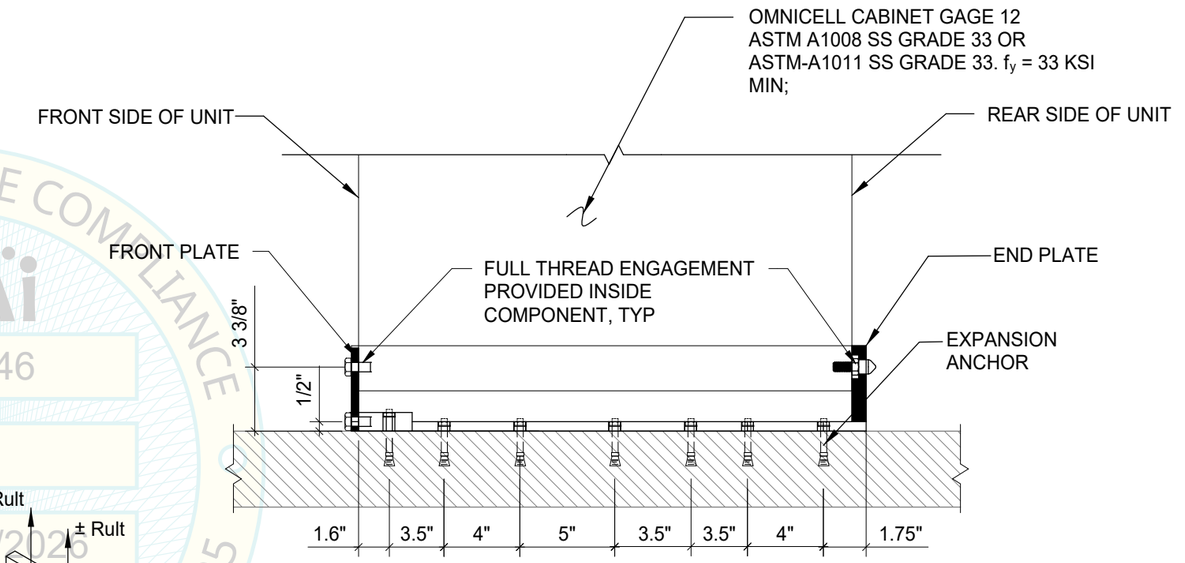
HCAi PRE-APPROVAL OF MANUFACTURER'S CERTIFICATION
OPM-0346-25
OMNICELL ONE-, TWO- AND THREE-CELL CABINETS

DEGENKOLB ENGINEERS
225 Broadway, Suite 1325
San Diego, CA 92101
619.515.0299 PHONE
619.515.0298 FAX

REGISTERED PROFESSIONAL ENGINEER
CHAD RAYMOND CLOSS
No. S 5946
Exp. Date
STRUCTURAL
STATE OF CALIFORNIA
10/15/26

ONE-CELL CABINET MODELS	TWO-CELL CABINET MODELS	THREE-CELL CABINET MODELS
MED-FRM-501, NAC-FRM-504, NAC-FRM-505, NAC-FRM-510, NAC-FRM-509, NAC-FRM-513, NAC-FRM-518, NAC-FRM-517, MED-FRM-601, MED-AUX-601, NAC-FRM-604, NAC-FRM-617, NAC-FRM-618	MED-FRM-502, NAC-FRM-506, NAC-FRM-507, MED-FRM-602, MED-AUX-602, NAC-FRM-606	MED-FRM-503, MED-FRM-603, MED-AUX-603

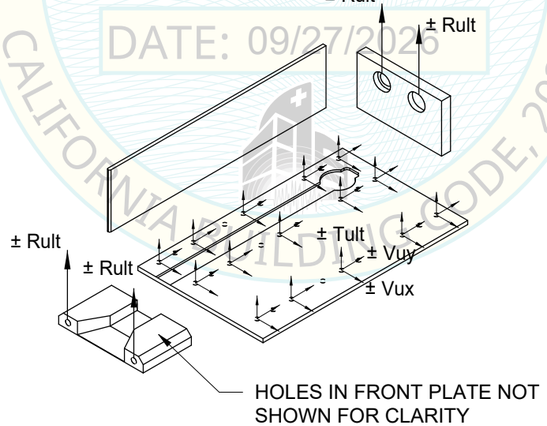




SECTION A-A

NOTES:

1. BRACKET DIMENSIONS ARE APPROXIMATE
2. AS DEFINED BY AISC 360-22, THE DIAMETER OF STANDARD SIZE HOLES EQUALS THE BOLT DIAMETER + 1/16".
3. SEE PAGES 2, 4 AND 5 FOR BRACKET FORCES.
4. PL'S SHOWN SUPPLIED BY MFR



FORCE DISTRIBUTION IN BASE BRACKET

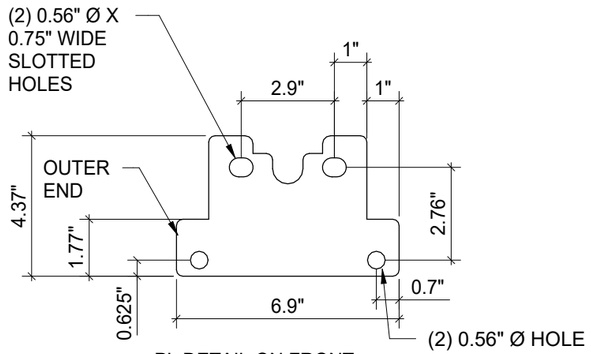
HCAi
OPM-0346
BY: Roy Lobo
DATE: 09/27/2026
REVIEWED FOR CODE COMPLIANCE
CALIFORNIA BUILDING CODE, 2025

HCAi PRE-APPROVAL OF MANUFACTURER'S CERTIFICATION
OPM-0346-25
OMNICELL ONE-, TWO- AND THREE-CELL CABINETS

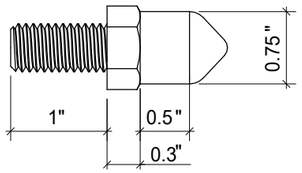
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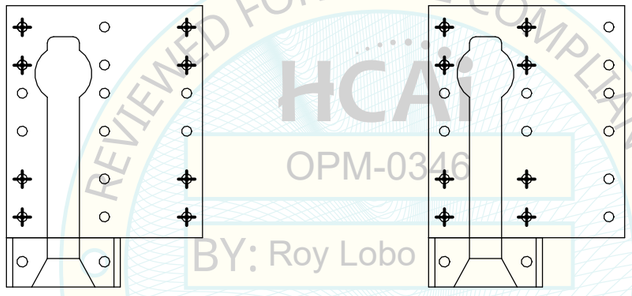
ONE-CELL CABINET MODELS	TWO-CELL CABINET MODELS	THREE-CELL CABINET MODELS
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PL DETAIL ON FRONT SIDE OF THE UNIT

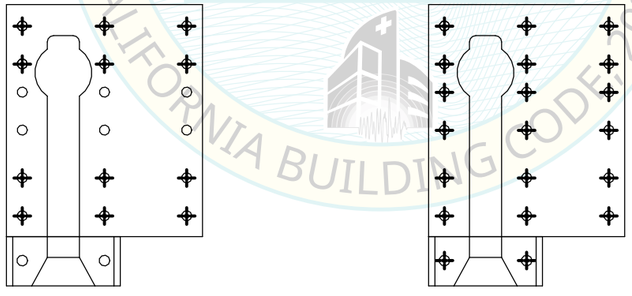


BOLT ON REAR SIDE OF THE UNIT



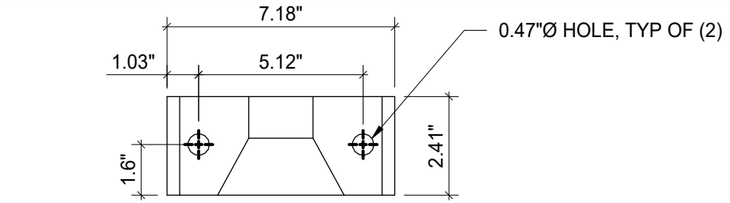
CASE 1 FOR ALL CABINETS

CASE 2 FOR ONE- AND TWO-CELL CABINETS

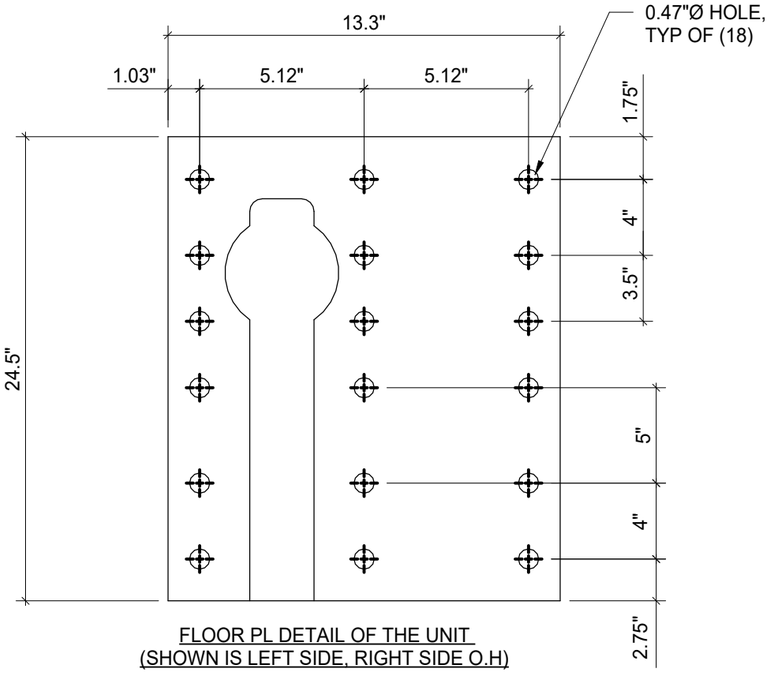


CASE 2 FOR THREE-CELL CABINETS

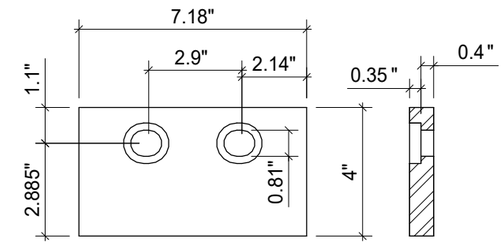
CASE 3 FOR ALL CABINETS



FLOOR PL DETAIL ON FRONT SIDE OF THE UNIT (SHOWN IS LEFT SIDE, RIGHT SIDE O.H)



FLOOR PL DETAIL OF THE UNIT (SHOWN IS LEFT SIDE, RIGHT SIDE O.H)



PL DETAIL ON REAR SIDE OF THE UNIT

NOTE:

1. BRACKET DIMENSIONS ARE APPROXIMATE.

○ DO NOT FILL HOLE WITH ANCHOR OR THROUGH BOLT

✦ FILL HOLE WITH ANCHOR OR THROUGH BOLT

BOLT AND ANCHOR LAYOUT

REVIEWED FOR CODE COMPLIANCE
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