



**DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION
OFFICE OF STATEWIDE HOSPITAL PLANNING AND DEVELOPMENT**

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

OFFICE USE ONLY

APPLICATION #: OPM-0765

HCAI Preapproval of Manufacturer's Certification (OPM)

Type: New Renewal/Update

Manufacturer Information

Manufacturer: HNI Workplace Furnishings

Manufacturer's Technical Representative: Stacy Bazal

Mailing Address: 200 Oak Street, Muscatine, IA 52761

Telephone: (563) 506-0459

Email: bazals@hniworkplacefurnishings.com

Product Information

Product Name: HNI Gunlocke Silea and Allsteel Approach Storage Units

Product Type: Wall Cabinets, Workwall and Floor Casework

Product Model Number: GS2WMC1H30, GS2WMC1H36, GS2WMC1H42, GS2WMC1H48, GS2WMC1H54, GS2WMC1H60, GS2WMC1H66, GS2WMC1H72, GS2WMC1H78, GS2WMC1H84, GS2WMC1H90, GS2WMC1H96, GS2WMC1H102, GS2WMC1H108, GS2WMC2H30, GS2WMC2H36, GS2WMC2H42, GS2WMC2H48, GS2WMC2H54, GS2WMC2H60, GS2WMC2H66, GS2WMC2H72, GS2WMC2H78, GS2WMC2H84, GS2WMC2H90, GS2WSB3H72L, GS2WSB3H90L, GS2FBX75H90, WKBKFN5H3015, WKT721218L, WKT421224, WKT721818, WKT721824, WKT722418, WKT722424, WKST721818, WKST721824, WKST722418, WKST722424, WKT721818, WKT721824, WKT722418, WKT722424, WKT723018, WKT723024, WKT723018, WKT723024

General Description: Wall Cabinets, Workwall and Floor Casework

Applicant Information

Applicant Company Name: HNI Workplace Furnishings

Contact Person: Stacy Bazal

Mailing Address: 200 Oak Street, Muscatine, IA 52761

Telephone: (563) 506-0459

Email: bazals@hniworkplacefurnishings.com

Title: Engineering Manager

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STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY





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Registered Design Professional Preparing Engineering Recommendations

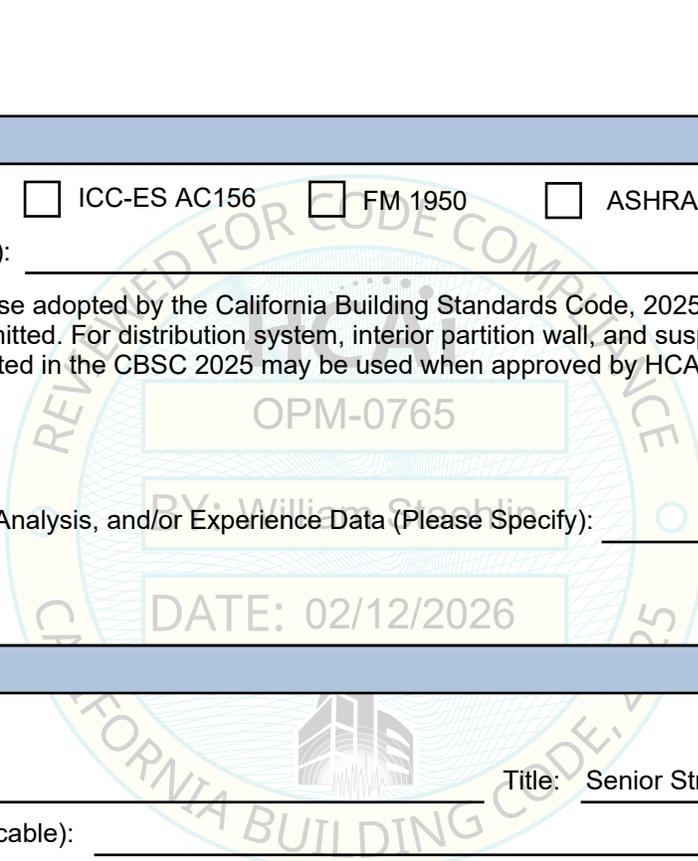
Company Name: DEGENKOLB ENGINEERS
Name: Michael Allen California License Number: S5414
Mailing Address: 375 Beale Street, Ste 500, San Francisco, CA 94105
Telephone: (415) 734-7157 Email: mallen@degenkolb.com

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): _____



HCAI Approval

Date: 2/12/2026
Name: William Staehlin Title: Senior Structural Engineer
Condition of Approval (if applicable): _____

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GENERAL NOTES

- I. GENERAL**
- THIS HCAI PRE-APPROVAL OF MANUFACTURE'S CERTIFICATION (OPM) IS BASED ON THE CBC 2025. THE DEMAND (DESIGN FORCES) FOR USE WITH THIS OPM SHALL BE BASED ON THE CBC 2025.
 - THIS PRE-APPROVAL IS VALID FOR THE SYSTEM DESCRIBED IN THESE DRAWINGS THROUGHOUT THE STATE OF CALIFORNIA, AND IS VALID FOR INTERIOR WALLS INSTALLED AT ANY HEIGHT WITHIN THE BUILDING. SEE C_{pm} LIMITATIONS ON SHEET S2-S4.
 - THE STORAGE UNITS INCLUDED IN THIS OPM ARE NOT TO BE USED TO SUPPORT ANY COMPONENTS THAT REQUIRE SPECIAL SEISMIC CERTIFICATION (SSC).
 - THE STORAGE UNITS INCLUDED IN THIS OPM ARE NOT TO BE USED TO STORE HAZARDOUS CONTENTS.
- II. RESPONSIBILITIES OF THE STRUCTURAL ENGINEER OF RECORD**
- VERIFY MATERIALS AND WORKMANSHIP TO CONFORM WITH THE 2025 EDITION OF THE CALIFORNIA BUILDING CODE AND THE REQUIREMENTS OF THIS PRE-APPROVAL DOCUMENT.
 - VERIFY THE ADEQUACY OF THE EXISTING FRAMING TO SUPPORT THE LOADS INDICATED ON THIS SHEET, IN ADDITION TO ALL OTHER LOADS.
 - VERIFY ANCHORS ARE AT ADEQUATE DISTANCES FROM OPENINGS AND EDGES OF SLABS AS NOTED IN THE GENERAL NOTES SECTION IV.
 - VERIFY ANCHORS ARE AT ADEQUATE DISTANCES FROM NEW OR EXISTING ANCHORS AS NOTED IN THE GENERAL NOTES SECTION IV.
 - DESIGN ANY SUPPLEMENTARY MEMBER AND THEIR ATTACHMENTS OTHER THAN THOSE DETAILED WITHIN THIS PRE-APPROVAL.
 - VERIFY THAT THE INSTALLATION IS IN CONFORMANCE WITH THE 2025 CBC AND WITH THE DETAILS SHOWN IN THIS PRE-APPROVAL.
 - VERIFY THAT THE SEISMIC PARAMETERS DON'T EXCEED WHAT IS PERMITTED UNDER THIS OPM
- III. COLD-FORMED METAL FRAMING**
- SHEET METAL SCREWS: SELF-DRILLING, SELF-TAPPING, HDG PER ASTM A153. PAN OR HEX WASHER HEAD AS REQUIRED BY FINISH.
 - PRODUCTS: ITW-BUILDEX TEKS SELECT (ICC-ESR-3223), GRABBER DRIVALL (ICC-ESR-1271)
 - MINIMUM SCREW SPACING AND EDGE DISTANCE TO BE 3/4".
 - PENETRATION OF SCREWS THROUGH JOINED MATERIAL SHOULD NOT BE LESS THAN 3 EXPOSED THREADS.
- IV. MECHANICAL ANCHORS**
- SCREW ANCHORS INTO CONCRETE: HILTI KH-EZ (ICC ESR-3027), SIMPSON TITEN HD (ICC ESR-2713), OR DEWALT SCREW BOLT+ (ICC ESR-3889).
 - INSTALL ANCHORS IN ACCORDANCE WITH LATEST ICC-ESR REPORT AND MANUFACTURER INSTRUCTIONS.
 - WHEN INSTALLING DRILLED-IN ANCHORS IN (E) NON-PRESTRESSED REINFORCED CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE (E) REINFORCING BARS. WHEN INSTALLING THEM INTO (E) PRESTRESSED CONCRETE (PRE- OR POST-TENSIONED) LOCATE THE PRESTRESSED TENDONS BY USING A NON-DESTRUCTIVE METHOD PRIOR TO INSTALLATION. EXERCISE EXTREME CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE TENDONS DURING INSTALLATION. MAINTAIN A MINIMUM CLEARANCE OF ONE INCH OR 3 ANCHOR DIAMETERS, WHICHEVER IS GREATER, BETWEEN THE REINFORCEMENT AND THE DRILLED-IN ANCHOR.

- IV. MECHANICAL ANCHORS (CONT'D)**
- IF NON-PRESTRESSED REINFORCEMENT IS ENCOUNTERED DURING DRILLING, ABANDON AND SHIFT THE HOLE LOCATION TO AVOID THE REINFORCEMENT. PROVIDE A MINIMUM OF 2 ANCHOR DIAMETERS OR 1 INCH, WHICHEVER IS LARGER, OF SOUND CONCRETE BETWEEN THE DOWEL AND THE ABANDONED HOLE. FILL THE ABANDONED HOLE WITH NON-SHRINK GROUT APPROVED BY THE STRUCTURAL ENGINEER OF RECORD. NOTIFY THE STRUCTURAL ENGINEER OF RECORD IF ANY REINFORCING IS DAMAGED.
 - ANCHORS WILL BE PROOF-TESTED BY OWNER'S TESTING AND INSPECTION AGENCY, WITH A REPORT OF THE TEST RESULTS SUBMITTED TO THE OWNER, IOR & SEOR. FOR POST INSTALLED ANCHORS USED FOR NONSTRUCTURAL APPLICATIONS, 50 PERCENT OR ALTERNATE BOLTS IN A GROUP, INCLUDING AT LEAST ONE-HALF THE ANCHORS IN EACH GROUP, SHALL BE TESTED.
 - IF ANY ANCHOR FAILS TESTING, REPLACE ANCHOR IN NEW HOLE AND TEST ADDITIONAL ANCHORS OF THE SAME CATEGORY NOT PREVIOUSLY TESTED UNTIL TWENTY (20) CONSECUTIVE PASS, THEN RESUME INITIAL TESTING FREQUENCY.
 - TEST SCREW ANCHORS PER THE FOLLOWING METHOD:
 - TORQUE WRENCH METHOD: TEST ANCHORS TO THE TORQUE LOAD INDICATED IN THE TABLE BELOW WITHIN THE FOLLOWING LIMITS:
 - ONE-HALF TURN OF THE NUT.

SCREW-TORQUE LOAD (FT-LBS)			
ANCHOR DIA. (IN)	ICC ESR 3027	ICC ESR 2713	ICC ESR 3889
3/8 (CARBON STEEL)	40	50	40

- MINIMUM EDGE DISTANCE:
 - 3/8" SCREW ANCHOR = 6"
 - MINIMUM SPACING (FROM NEW OR EXISTING ADJACENT ANCHORS):
 - 3/8" SCREW ANCHOR = 3"
- V. STRUCTURAL TESTS, INSPECTIONS, AND OBSERVATIONS**
- AN INDEPENDENT APPROVED TESTING AGENCY AND SPECIAL INSPECTORS, CONFORMING TO 2025 CBC SECTION 1703A, WILL BE RETAINED BY THE OWNER TO PERFORM THE FOLLOWING TESTS AND INSPECTIONS. PROVIDE ACCESS AND FURNISH SAMPLES TO THE AGENCY AS REQUIRED.
 - THE FOLLOWING ITEMS REQUIRE TESTS AND INSPECTIONS IN ACCORDANCE WITH THE REQUIREMENTS OF THE CHAPTER "STRUCTURAL TESTS AND INSPECTIONS" OF THE CODE.
 - MECHANICAL ANCHORS:
 - VERIFY TYPE OF ANCHOR, ANCHOR DIMENSIONS, CONCRETE TYPE AND COMPRESSIVE STRENGTH, PREDRILLED HOLE DIMENSIONS, ANCHOR SPACING, EDGE DISTANCE, SLAB THICKNESS AND ANCHOR EMBEDMENT.
 - PROOF-TEST AS INDICATED IN THE MECHANICAL ANCHORS SECTION OF THESE GENERAL NOTES.

- VI. DESIGN CRITERIA**
- APPLICABLE CODE: 2025 CALIFORNIA BUILDING CODE.
 - MAX UNIT WEIGHT INDICATED ON SCHEDULES DETERMINED FROM CBC TABLE 1607A-1, FOOTNOTE D. ASSUMED 33 PCF FOR NON-PAPER MEDIA AND 33PSF FOR PAPER MEDIA.
 - SEISMIC DESIGN:
SEISMIC FORCE F (LRFD) = $C_{PM} W_p$
- $C_{PM} = 0.4 * S_{Ds} * I_p [H_f/R_{\mu}] [C_{AR}/R_{po}] \leq 2.7$ MAXIMUM CONSIDERED
- WITH:
 $S_{Ds} \leq 2.5$
 $I_p = 1.5$
 $1 \leq [H_f/R_{\mu}] \leq 2.69$
 $C_{AR} = 1$
 $R_{po} = 1.5$
 $\Omega_{op} = 2$
- VII. HOW TO USE THIS PRE-APPROVAL**
- REVIEW AND UNDERSTAND ALL GENERAL NOTES AND FIGURES BEFORE PROCEEDING.
 - CALCULATE THE SEISMIC FORCE COEFFICIENT, C_{pm} , FOR THE INSTALLATION LOCATION, AND VERIFY THAT IT IS WITHIN THE LIMIT SPECIFIED ON S2-S7.
 - DETERMINE THE IMPACT ON EXISTING STRUCTURE, AND VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE WITH THE STRUCTURAL ENGINEER OF RECORD FOR THE BUILDING.

- SHEET LIST:**
- S1 GENERAL NOTES
 - S2 WALL CABINET SCHEDULE
 - S3 APPROACH TOWERS WALL-BRACED UNITS SCHEDULE
 - S4 APPROACH TOWERS WALL-BRACED UNITS LOADS TO STRUCTURE
 - S5 APPROACH TOWERS BASE ANCHORED UNITS SCHEDULE
 - S6 APPROACH TOWERS BASE ANCHORED UNITS ANCHOR LOADS
 - S7 GUNLOCKE SILEA WALL MOUNTED CABINETS AND WORKWALL
 - S8 APPROACH WALL MOUNTED CABINETS
 - S9 APPROACH TOWERS BOOKCASE / CABINET - ATTACHED TO WALL DETAIL
 - S10 APPROACH TOWERS BOOKCASE / CABINET - ANCHORED TO FLOOR DETAIL
 - S11 APPROACH TOWERS BOOKCASE / CABINET - ANCHORED TO FLOOR DETAIL



DEGENKOLB ENGINEERS
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DE Job Number: C4527002.01
 02/12/2026



REGISTERED PROFESSIONAL ENGINEER
 MICHAEL G. ALLEN
 No. 5414
 STATE OF CALIFORNIA

Project

**HNI GUNLOCKE
 SILEA AND ALLSTEEL
 APPROACH
 STORAGE UNITS
 [OPM-0765]**

Sheet Title:

GENERAL NOTES

Scale: NTS

Job Number: C4527002.01

Drawn by: GG

Design by: DJM

Checked by: MGA

Date: 02/12/2026

Drawing Number:

S1

1 of 11 Sheets
 3 of 13

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2/12/2026 2:54:16 PM Autodesk Docs://C4527002.01 - HNI Wall Cabinets HCAI OPM_R25.rvt

MODEL	DESCRIPTION	MAX LOADED WEIGHT (LBS)	W (IN)	D (IN)	H (IN)	MOUNTING CONDITION	SHEET	MAX SINGLE SCREW LOAD (LBS) ON SUPPORTING WALL							
								Cpm ≤ 1.0		Cpm ≤ 1.5		Cpm ≤ 2.0		Cpm ≤ 2.7	
								TMAX	VMAX	TMAX	VMAX	TMAX	VMAX	TMAX	VMAX
GS2WMC1H30	Gunlocke Silea Wall Mount Cabinets	120	30	16.25	14.125	Wall Mounted	S7	50	40	60	50	70	60	90	
GS2WMC1H36	Gunlocke Silea Wall Mount Cabinets	140	36	16.25	14.125	Wall Mounted	S7	40	40	60	50	70	50	80	
GS2WMC1H42	Gunlocke Silea Wall Mount Cabinets	160	42	16.25	14.125	Wall Mounted	S7	60	40	70	50	80	60	90	
GS2WMC1H48	Gunlocke Silea Wall Mount Cabinets	180	48	16.25	14.125	Wall Mounted	S7	60	50	80	60	90	60	110	
GS2WMC1H54	Gunlocke Silea Wall Mount Cabinets	200	54	16.25	14.125	Wall Mounted	S7	50	40	70	50	80	50	90	
GS2WMC1H60	Gunlocke Silea Wall Mount Cabinets	230	60	16.25	14.125	Wall Mounted	S7	60	40	70	50	90	60	100	
GS2WMC1H66	Gunlocke Silea Wall Mount Cabinets	250	66	16.25	14.125	Wall Mounted	S7	70	50	80	60	90	70	110	
GS2WMC1H72	Gunlocke Silea Wall Mount Cabinets	270	72	16.25	14.125	Wall Mounted	S7	60	40	70	50	80	60	100	
GS2WMC1H78	Gunlocke Silea Wall Mount Cabinets	290	78	16.25	14.125	Wall Mounted	S7	60	50	80	60	90	60	110	
GS2WMC1H84	Gunlocke Silea Wall Mount Cabinets	310	84	16.25	14.125	Wall Mounted	S7	40	40	60	50	60	60	80	
GS2WMC1H90	Gunlocke Silea Wall Mount Cabinets	340	90	16.25	14.125	Wall Mounted	S7	50	40	60	60	70	70	80	
GS2WMC1H96	Gunlocke Silea Wall Mount Cabinets	360	96	16.25	14.125	Wall Mounted	S7	50	50	60	60	70	70	90	
GS2WMC1H102	Gunlocke Silea Wall Mount Cabinets	380	102	16.25	14.125	Wall Mounted	S7	50	50	70	60	80	80	90	
GS2WMC1H108	Gunlocke Silea Wall Mount Cabinets	400	108	16.25	14.125	Wall Mounted	S7	40	40	60	50	60	70	80	
GS2WMC2H30	Gunlocke Silea Wall Mount Cabinets	210	30	16.25	27.5	Wall Mounted	S7	70	40	90	50	100	60	130	
GS2WMC2H36	Gunlocke Silea Wall Mount Cabinets	250	36	16.25	27.5	Wall Mounted	S7	60	40	80	50	100	60	120	
GS2WMC2H42	Gunlocke Silea Wall Mount Cabinets	290	42	16.25	27.5	Wall Mounted	S7	60	40	80	50	100	60	120	
GS2WMC2H48	Gunlocke Silea Wall Mount Cabinets	330	48	16.25	27.5	Wall Mounted	S7	70	40	90	50	110	60	130	
GS2WMC2H54	Gunlocke Silea Wall Mount Cabinets	370	54	16.25	27.5	Wall Mounted	S7	60	40	80	40	90	50	110	
GS2WMC2H60	Gunlocke Silea Wall Mount Cabinets	410	60	16.25	27.5	Wall Mounted	S7	60	40	80	50	100	60	120	
GS2WMC2H66	Gunlocke Silea Wall Mount Cabinets	450	66	16.25	27.5	Wall Mounted	S7	70	40	90	50	110	60	130	
GS2WMC2H72	Gunlocke Silea Wall Mount Cabinets	490	72	16.25	27.5	Wall Mounted	S7	60	40	80	50	90	50	120	
GS2WMC2H78	Gunlocke Silea Wall Mount Cabinets	530	78	16.25	27.5	Wall Mounted	S7	70	40	90	50	100	60	120	
GS2WMC2H84	Gunlocke Silea Wall Mount Cabinets	570	84	16.25	27.5	Wall Mounted	S7	60	40	80	50	90	60	110	
GS2WMC2H90	Gunlocke Silea Wall Mount Cabinets	610	90	16.25	27.5	Wall Mounted	S7	60	40	80	50	100	70	120	
GS2WSB3H72	Gunlocke Silea Work Wall	390	72	19.5	39	Wall Mounted	S7	40	30	50	30	60	40	70	
GS2WSB3H90	Gunlocke Silea Work Wall	490	90	19.5	39	Wall Mounted	S7	40	30	50	40	60	50	70	
WKOH153015	Approach Overhead Storage	120	30	15.125	16	Wall Mounted	S8	50	40	60	50	70	60	90	
WKOH153615	Approach Overhead Storage	140	36	15.125	16	Wall Mounted	S8	40	40	60	50	70	50	80	
WKOH154215	Approach Overhead Storage	160	42	15.125	16	Wall Mounted	S8	60	40	70	50	80	60	90	
WKOH154815	Approach Overhead Storage	180	48	15.125	16	Wall Mounted	S8	60	50	80	60	90	60	110	
WKOH156015	Approach Overhead Storage	230	60	15.125	16	Wall Mounted	S8	60	40	70	50	90	60	100	
WKOH156615	Approach Overhead Storage	250	66	15.125	16	Wall Mounted	S8	70	50	80	60	90	70	110	
WKOH157215	Approach Overhead Storage	270	72	15.125	16	Wall Mounted	S8	60	40	70	50	80	60	100	
WKOH157815	Approach Overhead Storage	290	78	15.125	16	Wall Mounted	S8	60	50	80	60	90	60	110	



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 DE Job Number: C4527002.01
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Project
**HNI GUNLOCKE
 SILEA AND ALLSTEEL
 APPROACH
 STORAGE UNITS
 [OPM-0765]**

Sheet Title:
WALL CABINET SCHEDULE
 Scale:

Job Number: C4527002.01
 Drawn by: KLM
 Design by: DJM
 Checked by: MGA
 Date: 02/12/2026

Drawing Number:
S2
 2 of 11 Sheets
 4 of 13

BRACKET CONFIGURATION PER COMPONENT FORCE COEFFICIENT

MODEL	DESCRIPTION	MAX LOADED WEIGHT (LBS)	W (IN)	D (IN)	H (IN)*	SHEET	Cpm ≤ 1.0	Cpm ≤ 1.5	Cpm ≤ 2.0	Cpm ≤ 2.7
GS2FBX75H90	Gunlocke Silea Work Wall	600	90	19.5	76	S9	A	B	B	C
WK ST721824	Approach Towers and Stack-On Storage	420	18	24	72.5	S9	A	NP	NP	NP
WK ST722424	Approach Towers and Stack-On Storage	480	24	24	72.5	S9	A	NP	NP	NP
WK T721824	Approach Towers and Stack-On Storage	420	18	24	72.5	S9	A	B	B	B
WK T722424	Approach Towers and Stack-On Storage	480	24	24	72.5	S9	A	B	B	C
WK T723018	Approach Towers and Stack-On Storage	450	30	18	72	S9	A	B	B	B
WK T723024	Approach Towers and Stack-On Storage	600	30	24	72	S9	A	B	B	C

NP = WALL BRACKET ANCHORAGE NOT PERMITTED FOR THIS SEISMICITY. USE S5 FOR FLOOR ANCHORAGE.

* STORAGE UNITS LESS THAN 72" IN HEIGHT ARE TO BE ANCHORED PER CONFIGURATION A IN DETAIL S9 WHERE THEY COULD FALL AND BLOCK A REQUIRED MEANS OF EGRESS.



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Project
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 STORAGE UNITS
 [OPM-0765]**

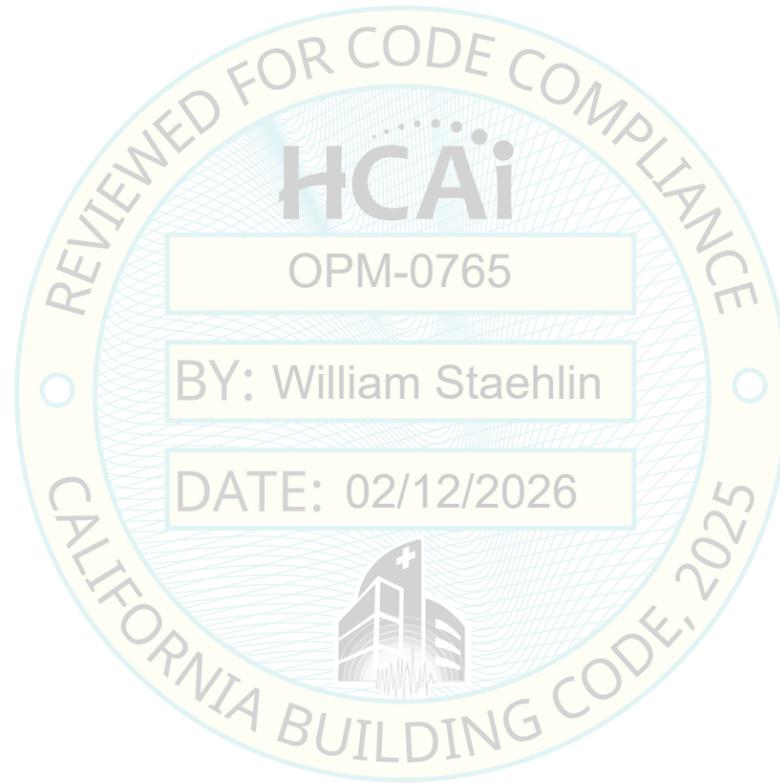
Sheet Title:
**APPROACH TOWERS
 WALL-BRACED UNITS
 SCHEDULE**
 Scale:

Job Number:	C4527002.01
Drawn by:	KLM
Design by:	DJM
Checked by:	MGA
Date:	02/12/2026

Drawing Number:
S3
 3 of 11 Sheets
 5 of 13

MODEL	DESCRIPTION	MAX LOADED WEIGHT (LBS)	W (IN)	D (IN)	H (IN)*	SHEET	MAX LOAD PER BRACKET (LBS) ON SUPPORTING WALL							
							Cpm ≤ 1.0		Cpm ≤ 1.5		Cpm ≤ 2.0		Cpm ≤ 2.7	
							TMAX	VMAX	TMAX	VMAX	TMAX	VMAX	TMAX	VMAX
GS2FBX75H90	Gunlocke Silea Work Wall	600	90	19.5	76	S9	160	110	250	160	200	140	280	190
WK T722424	Approach Towers and Stack-On Storage	400	24	24	72	S9	150	70	230	100	300	140	250	120
WK ST721824	Approach Towers and Stack-On Storage	420	18	24	72.5	S9	210	70	310	110	240	90	330	120
WK ST722424	Approach Towers and Stack-On Storage	480	24	24	72.5	S9	180	80	270	130	220	110	300	140
WK T721824	Approach Towers and Stack-On Storage	420	18	24	72.5	S9	210	70	310	110	240	90	330	120
WK T722424	Approach Towers and Stack-On Storage	480	24	24	72.5	S9	180	80	270	130	220	110	300	140
WK T723018	Approach Towers and Stack-On Storage	450	30	18	72	S9	130	80	190	120	260	160	270	140
WK T723024	Approach Towers and Stack-On Storage	600	30	24	72	S9	200	100	190	100	250	140	310	160

* STORAGE UNITS LESS THAN 72" IN HEIGHT ARE TO BE ANCHORED PER CONFIGURATION A IN DETAIL S9 WHERE THEY COULD FALL AND BLOCK A REQUIRED MEANS OF EGRESS.



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Project
**HNI GUNLOCKE
 SILEA AND ALLSTEEL
 APPROACH
 STORAGE UNITS
 [OPM-0765]**

Sheet Title:
**APPROACH TOWERS
 WALL-BRACED UNITS LOADS
 TO STRUCTURE**

Scale:
 OPM-0765: Reviewed for Code Compliance by William Staehlin

Job Number: C4527002.01
 Drawn by: KLM
 Design by: DJM
 Checked by: MGA
 Date: 02/12/2026

Drawing Number:

S4

4 of 11 Sheets
 6 of 13

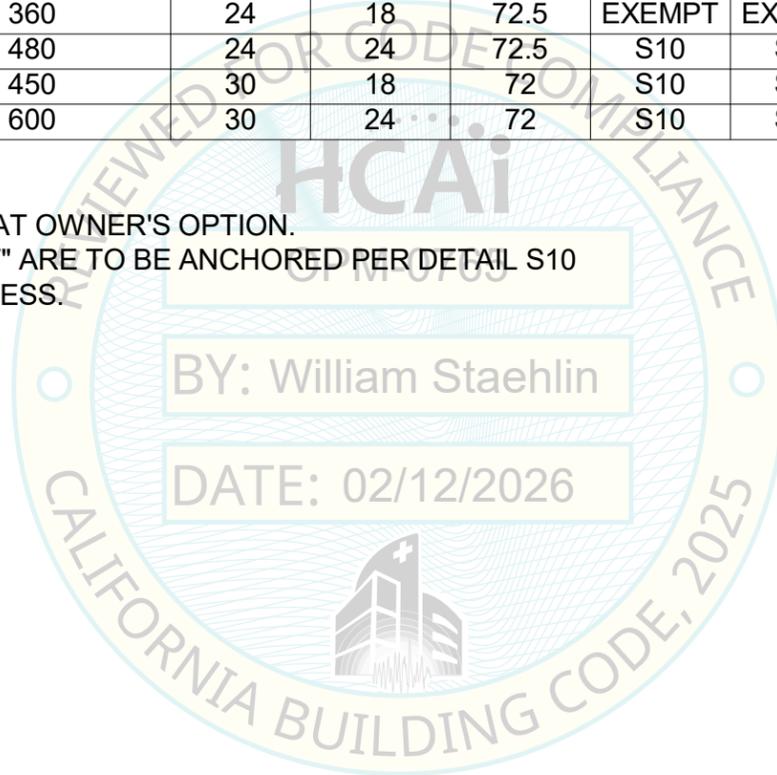
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MODEL	DESCRIPTION	MAX LOADED WEIGHT (LBS)	W (IN)	D (IN)	H (IN)*	ANCHOR TYPE PER COMPONENT FORCE COEFFICIENT									
						SHEET		Cpm ≤ 1.0		Cpm ≤ 1.5		Cpm ≤ 2.0		Cpm ≤ 2.7	
						W/ LEGS	NO LEGS	LWC	NWC	LWC	NWC	LWC	NWC	LWC	NWC
WKBKFN5H3015	Approach Lateral Files and Bookcases	300	30	14.25	71.625	EXEMPT	EXEMPT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WK T721218	Approach Towers and Stack-On Storage	150	12	18	72	EXEMPT	EXEMPT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WK T721224	Approach Towers and Stack-On Storage	200	12	24	72	EXEMPT	EXEMPT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WK T721818	Approach Towers and Stack-On Storage	230	18	18	72	EXEMPT	EXEMPT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WK T721824	Approach Towers and Stack-On Storage	300	18	24	72	EXEMPT	EXEMPT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WK T722418	Approach Towers and Stack-On Storage	300	24	18	72	EXEMPT	EXEMPT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WK ST721818	Approach Towers and Stack-On Storage	310	18	18	72.5	EXEMPT	EXEMPT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WK ST721824	Approach Towers and Stack-On Storage	420	18	24	72.5	S10	S11	SA	SA	TB	SA	TB	TB	TB	TB
WK ST722418	Approach Towers and Stack-On Storage	360	24	18	72.5	EXEMPT	EXEMPT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WK ST722424	Approach Towers and Stack-On Storage	480	24	24	72.5	S10	S11	SA	SA	TB	SA	TB	TB	TB	TB
WK T721818	Approach Towers and Stack-On Storage	310	18	18	72.5	EXEMPT	EXEMPT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WK T721824	Approach Towers and Stack-On Storage	420	18	24	72.5	S10	S11	SA	SA	TB	SA	TB	TB	TB	TB
WK T722418	Approach Towers and Stack-On Storage	360	24	18	72.5	EXEMPT	EXEMPT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WK T722424	Approach Towers and Stack-On Storage	480	24	24	72.5	S10	S11	SA	SA	TB	SA	TB	TB	TB	TB
WK T723018	Approach Towers and Stack-On Storage	450	30	18	72	S10	S11	TB	SA	TB	TB	TB	TB	TB	TB
WK T723024	Approach Towers and Stack-On Storage	600	30	24	72	S10	S11	TB	SA	TB	TB	TB	TB	TB	TB

SA = SCREW ANCHOR
TB = THRU BOLT

NA = SEISMIC ANCHORAGE NOT REQUIRED. PROVIDE ANCHORAGE AT OWNER'S OPTION.

* STORAGE UNITS LESS THAN 72" IN HEIGHT OR NOTED AS "EXEMPT" ARE TO BE ANCHORED PER DETAIL S10 WHERE THEY COULD FALL AND BLOCK A REQUIRED MEANS OF EGRESS.



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Project
**HNI GUNLOCKE
SILEA AND ALLSTEEL
APPROACH
STORAGE UNITS
[OPM-0765]**

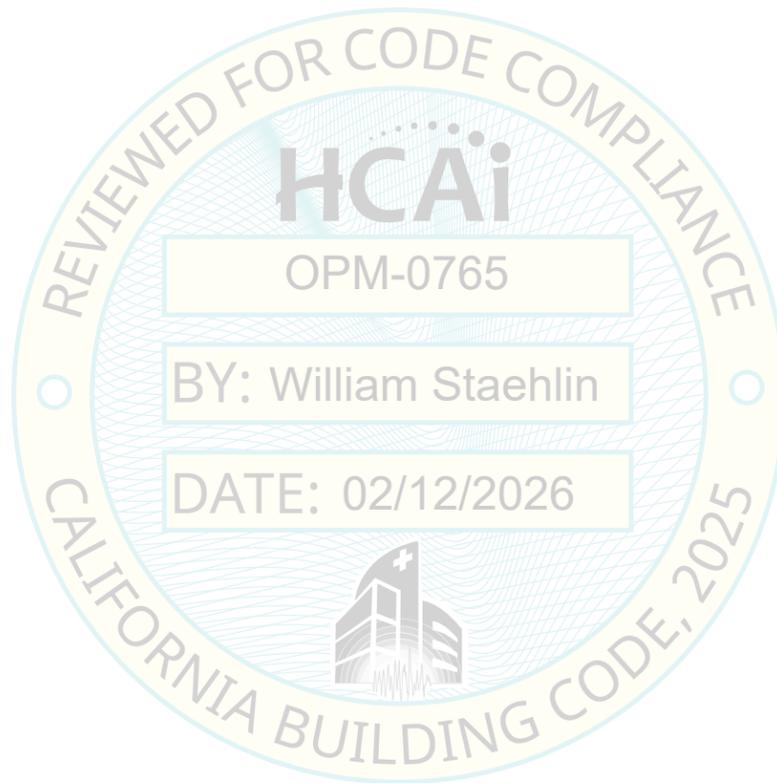
Sheet Title:
**APPROACH TOWERS BASE
ANCHORED UNITS
SCHEDULE**
Scale:

Job Number: C4527002.01
Drawn by: KLM
Design by: DJM
Checked by: MGA
Date: 02/12/2026

Drawing Number:
S5
5 of 11 Sheets
7 of 13

MODEL	DESCRIPTION	MAX LOADED WEIGHT (LBS)	W (IN)	D (IN)	H (IN)*	SHEET	MAX ANCHOR LOAD (LBS) ON SUPPORTING FLOOR							
							Cpm ≤ 1.0		Cpm ≤ 1.5		Cpm ≤ 2.0		Cpm ≤ 2.7	
							TMAX	VMAX	TMAX	VMAX	TMAX	VMAX	TMAX	VMAX
WK T722424	Approach Towers and Stack-On Storage	480	24	24	72.5	S10	830	200	1300	300	1740	400	2360	540
WK ST721824	Approach Towers and Stack-On Storage	420	18	24	72.5	S10	880	210	1370	310	1840	420	2510	570
WK ST722424	Approach Towers and Stack-On Storage	480	24	24	72.5	S10	1010	240	1560	360	2100	480	2850	650
WK T721824	Approach Towers and Stack-On Storage	420	18	24	72.5	S10	880	210	1370	310	1840	420	2510	570
WK T723018	Approach Towers and Stack-On Storage	450	30	18	72	S10	1310	220	2010	340	2700	450	3660	600
WK T723024	Approach Towers and Stack-On Storage	600	30	24	72	S10	1240	300	1930	450	2600	600	3530	810

* STORAGE UNITS LESS THAN 72" IN HEIGHT ARE TO BE ANCHORED PER DETAIL S10 WHERE THEY COULD FALL AND BLOCK A REQUIRED MEANS OF EGRESS.



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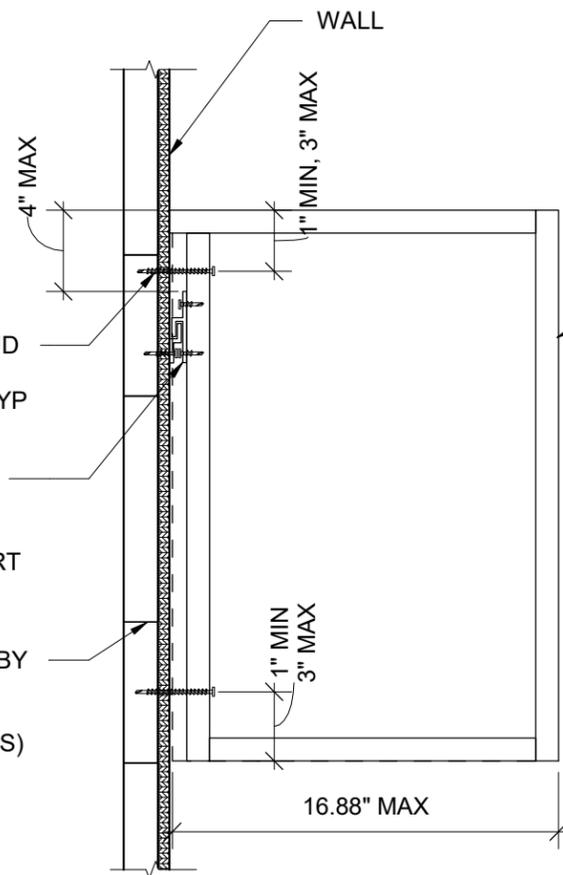
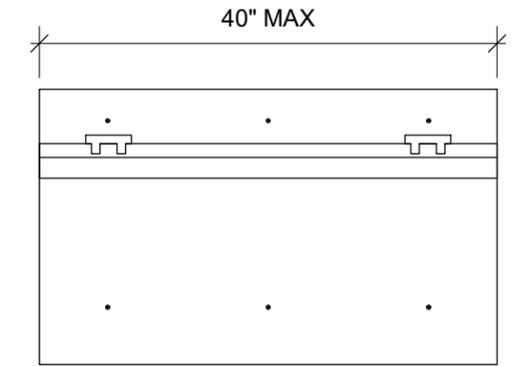
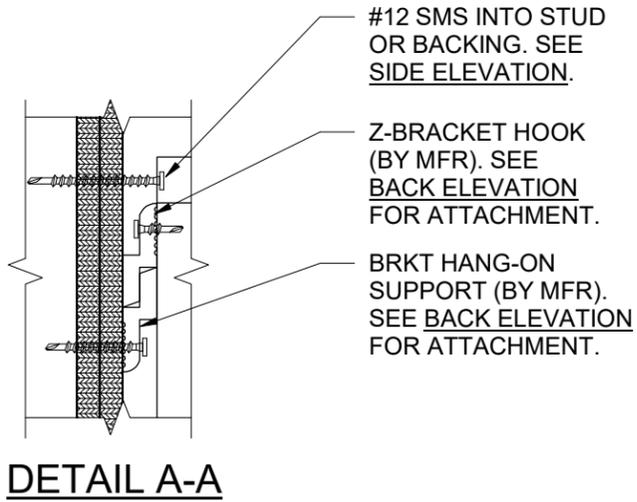


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[OPM-0765]**

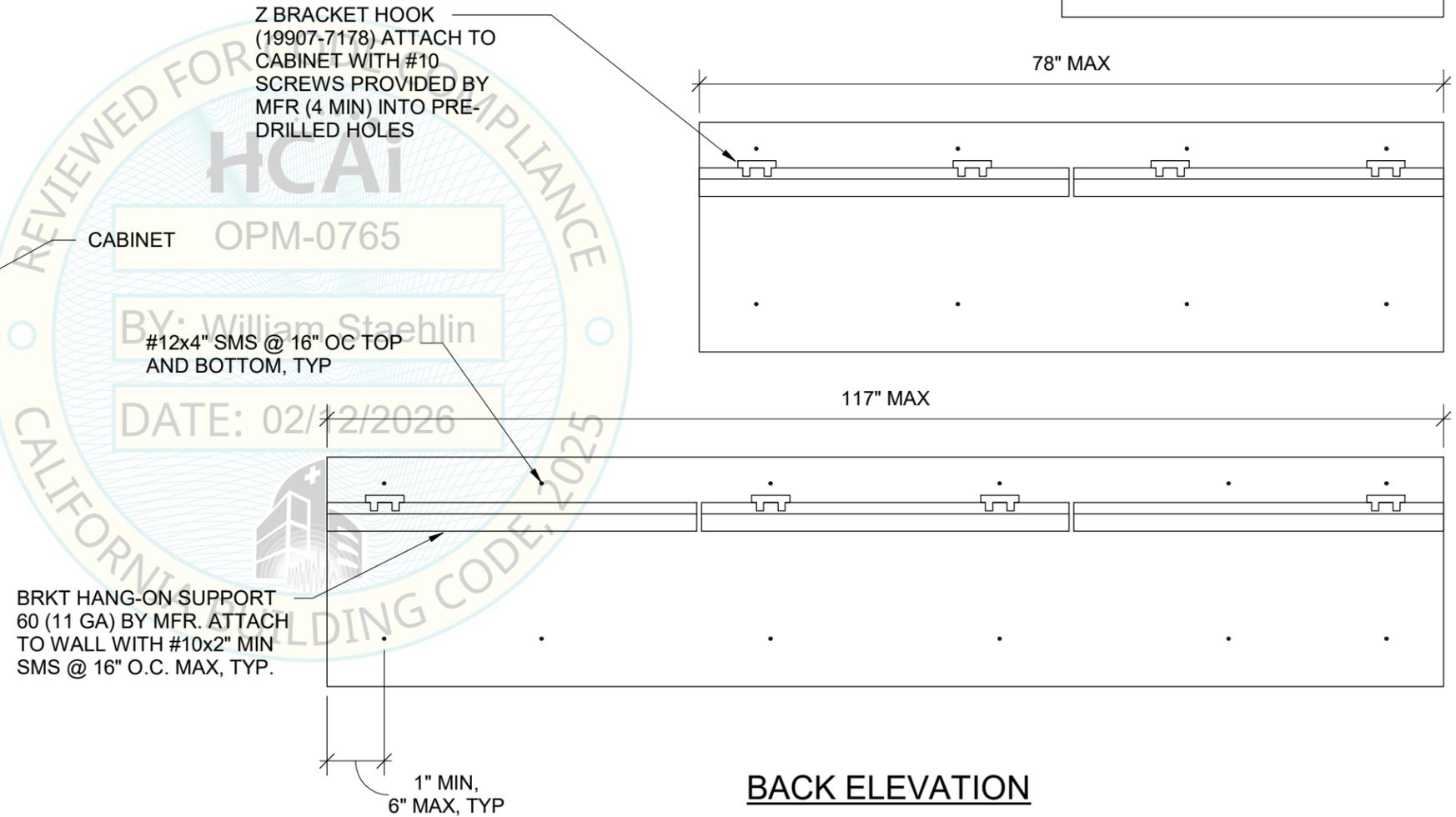
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**APPROACH TOWERS BASE
ANCHORED UNITS ANCHOR
LOADS**
Scale:

Job Number: C4527002.01
Drawn by: KLM
Design by: DJM
Checked by: MGA
Date: 02/12/2026

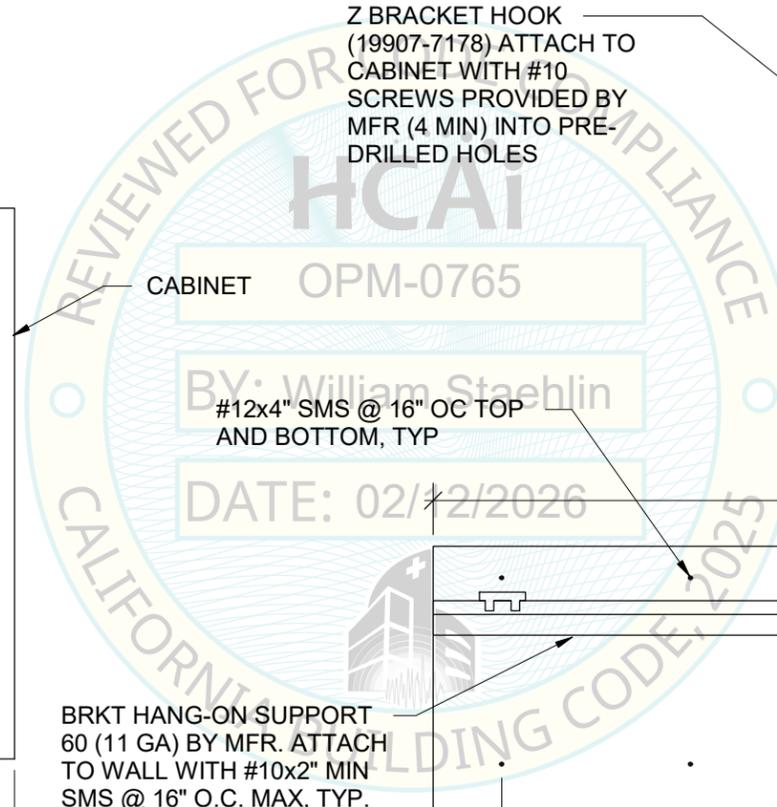
Drawing Number:
S6
6 of 11 Sheets
8 of 13



SIDE ELEVATION



BACK ELEVATION



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Project
**HNI GUNLOCKE
SILEA AND ALLSTEEL
APPROACH
STORAGE UNITS
[OPM-0765]**

Sheet Title:
**GUNLOCKE SILEA WALL
MOUNTED CABINETS AND
WORKWALL**

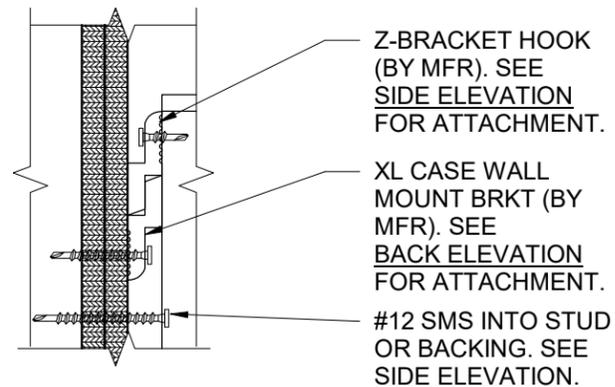
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Job Number: C4527002.01
Drawn by: SH
Design by: DJM
Checked by: MGA
Date: 02/12/2026

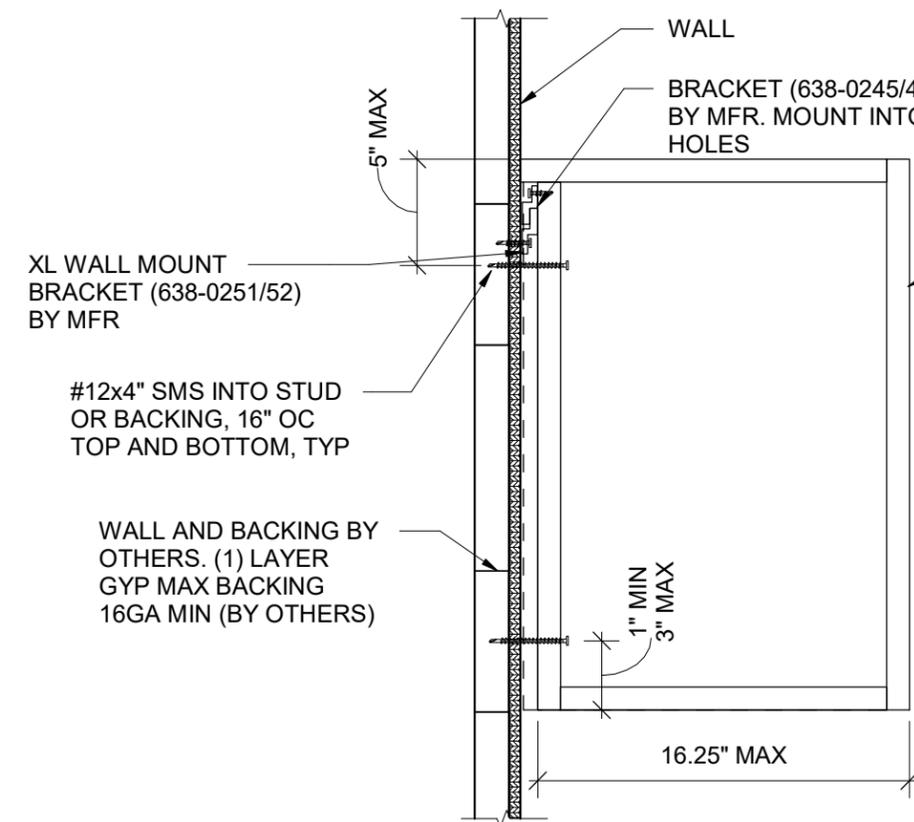
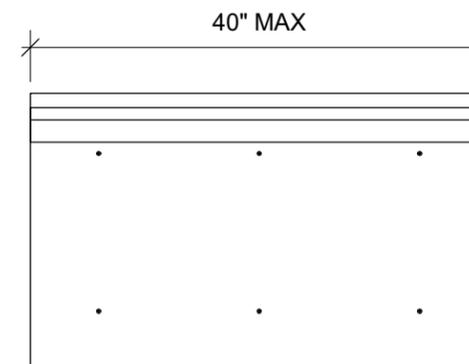
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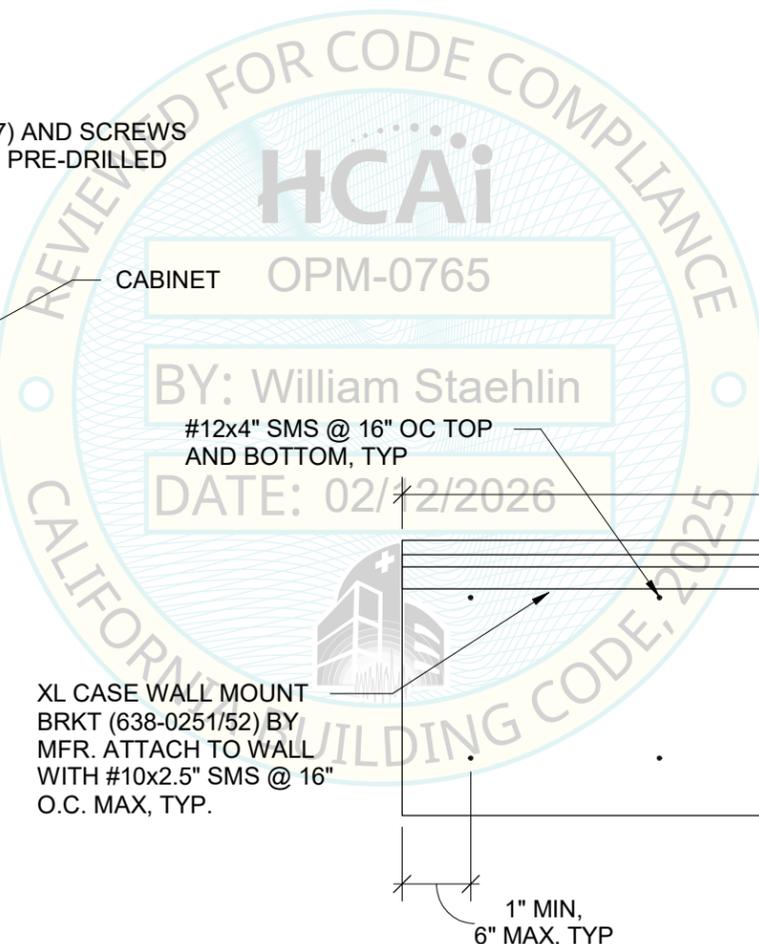
7 of 11 Sheets
9 of 13



DETAIL A-A



SIDE ELEVATION



BACK ELEVATION

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Project
**HNI GUNLOCKE
 SILEA AND ALLSTEEL
 APPROACH
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 [OPM-0765]**

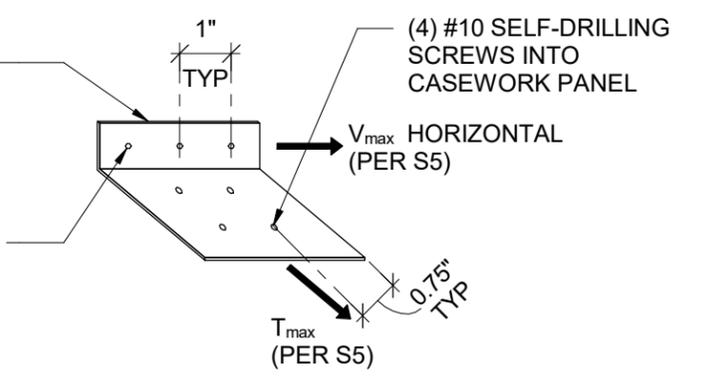
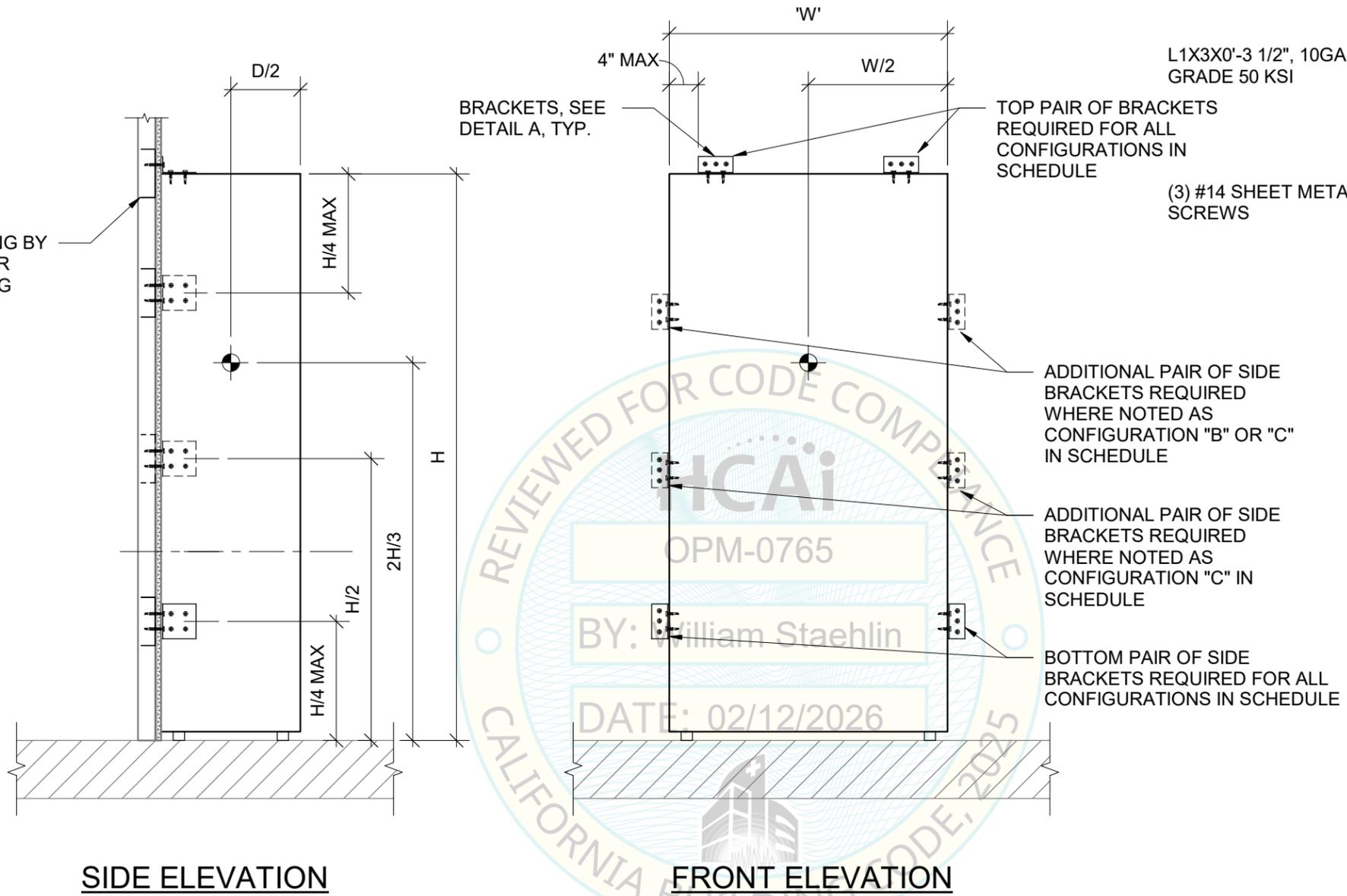
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**APPROACH WALL MOUNTED
 CABINETS**

Scale: As indicated

Job Number: C4527002.01
 Drawn by: SH
 Design by: DJM
 Checked by: MGA
 Date: 02/12/2026

Drawing Number:
S8
 8 of 11 Sheets
 10 of 13

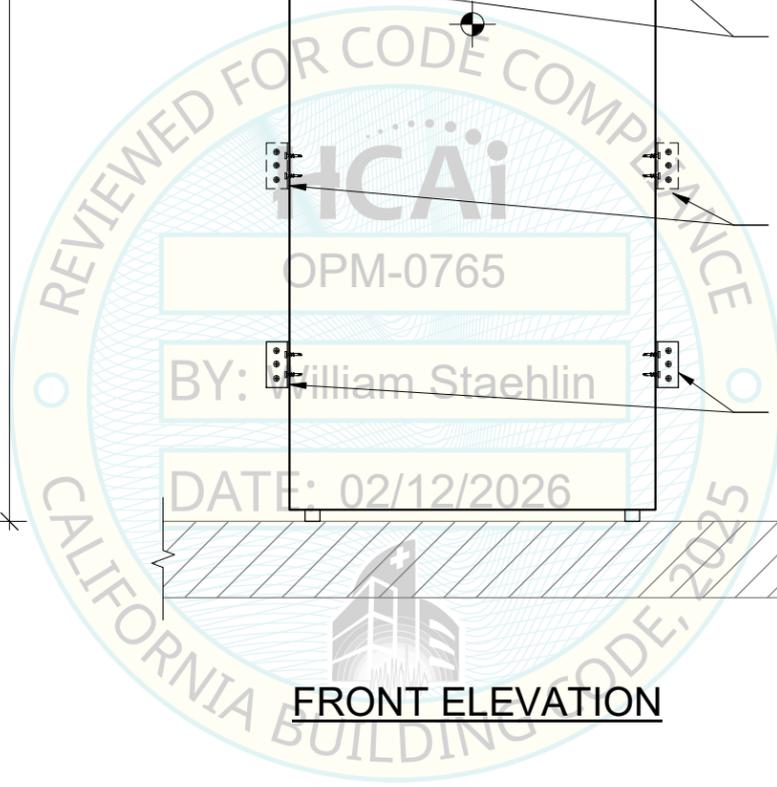
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DETAIL A

BRACKET CONFIGURATION	TOTAL NO. OF BRACKETS REQ'D
A	4
B	6
C	8

SEE SCHEDULE ON S3 FOR REQUIRED BRACKET CONFIGURATION



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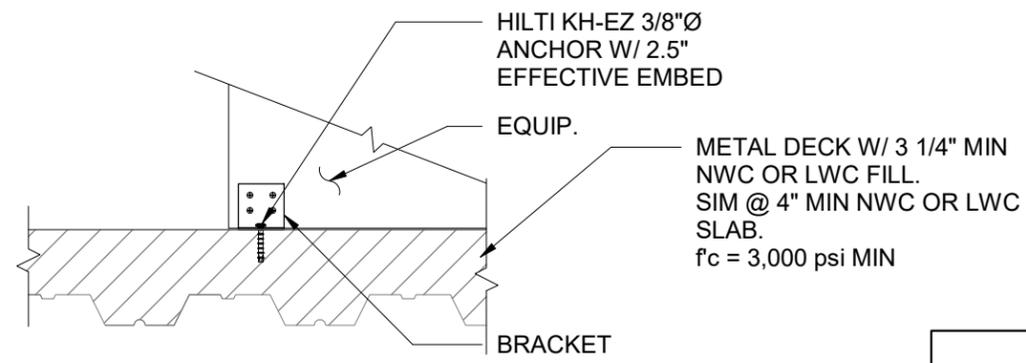
Project
**HNI GUNLOCKE
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 APPROACH
 STORAGE UNITS
 [OPM-0765]**

Sheet Title:
**APPROACH TOWERS
 BOOKCASE / CABINET -
 ATTACHED TO WALL DETAIL**
 Scale: NTS

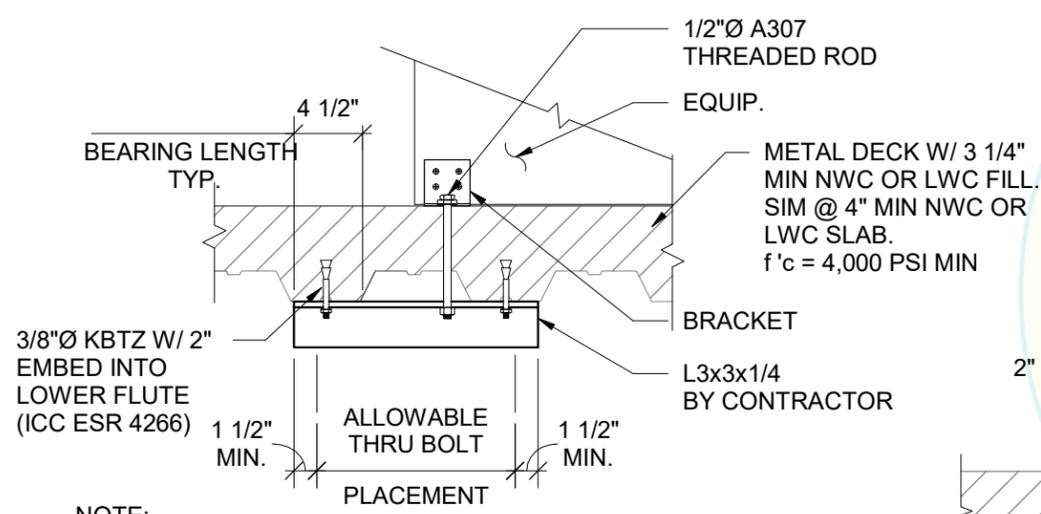
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 Design by: DJM
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 Date: 02/12/2026

Drawing Number:
S9
 9 of 11 Sheets
 11 of 13

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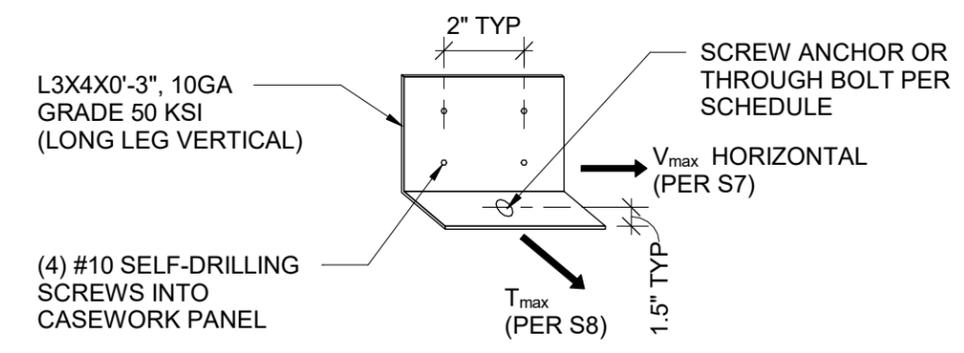


SCREW ANCHOR

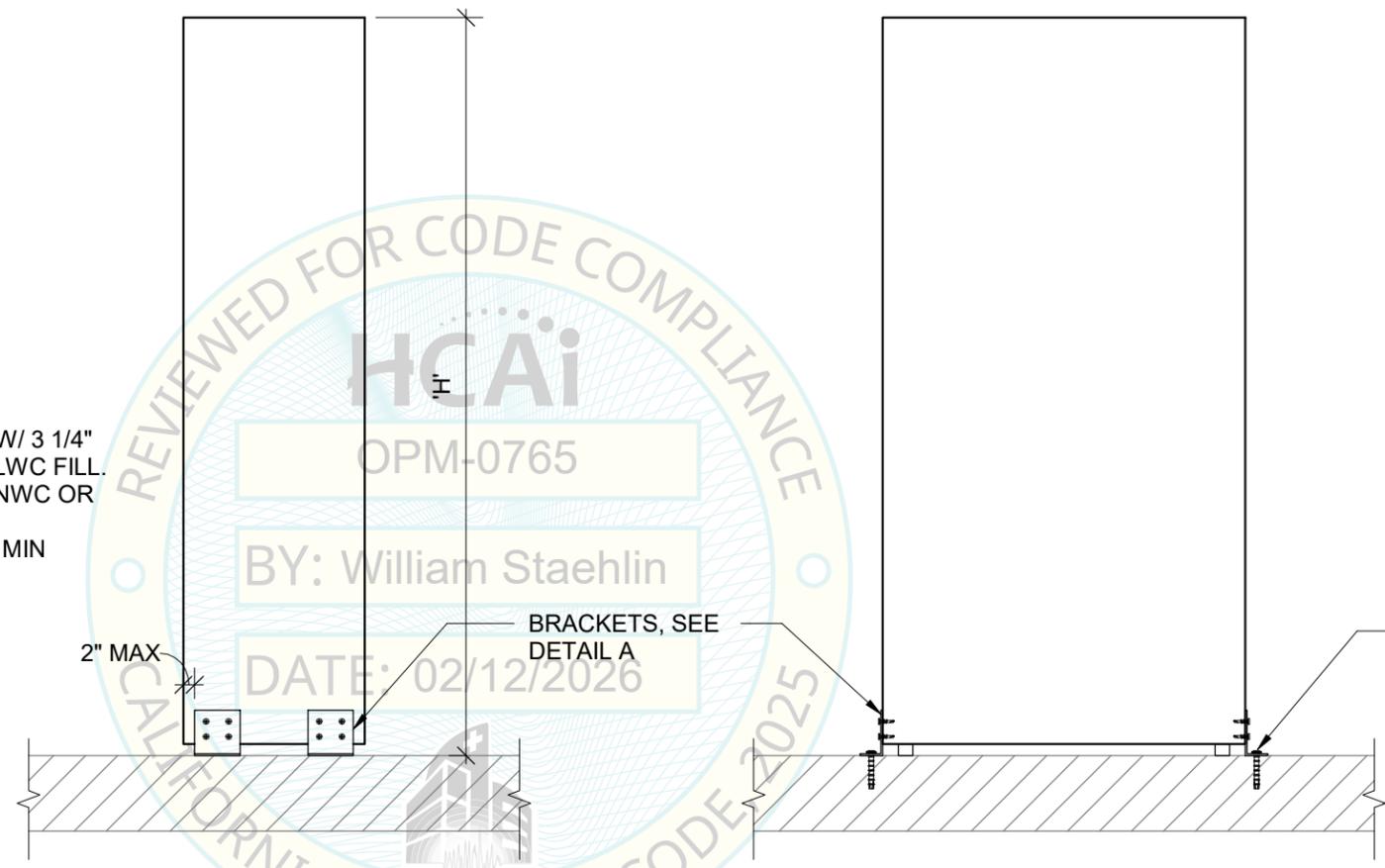


THROUGH-BOLT DETAIL

NOTE:
1. EXTEND ANGLE AN ADDITIONAL FLUTE IF MIN. EDGE DISTANCE CANNOT BE MET.



DETAIL A



SIDE ELEVATION

FRONT ELEVATION

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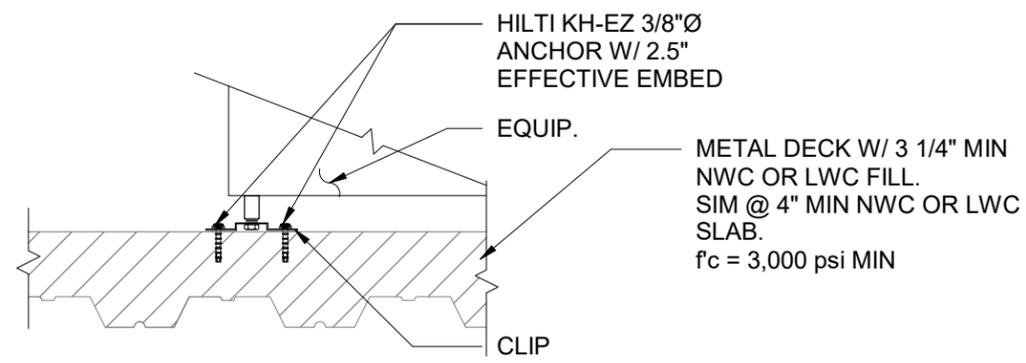
Sheet Title:
**APPROACH TOWERS
BOOKCASE / CABINET -
ANCHORED TO FLOOR
DETAIL**
Scale: NTS

Job Number:	C4527002.01
Drawn by:	SH
Design by:	DJM
Checked by:	MGA
Date:	02/12/2026

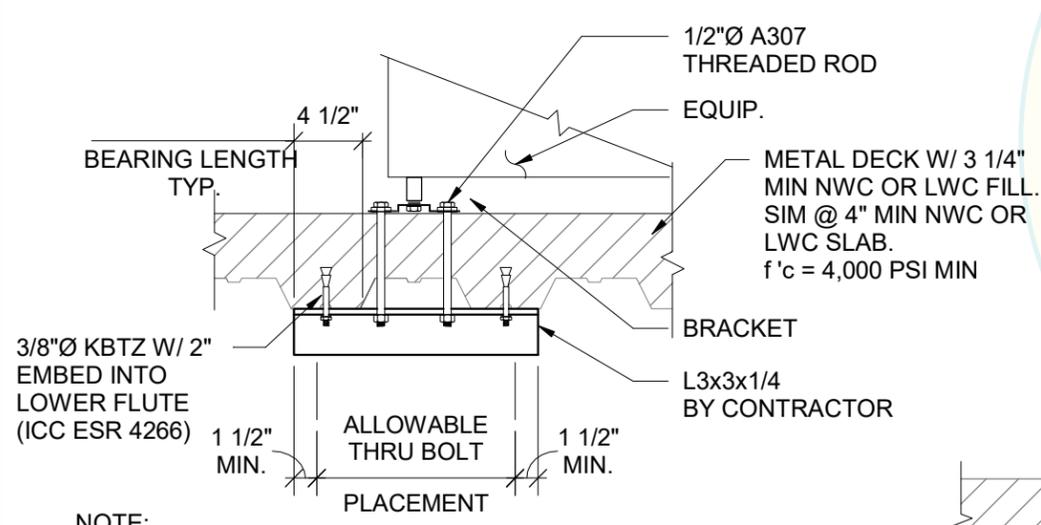
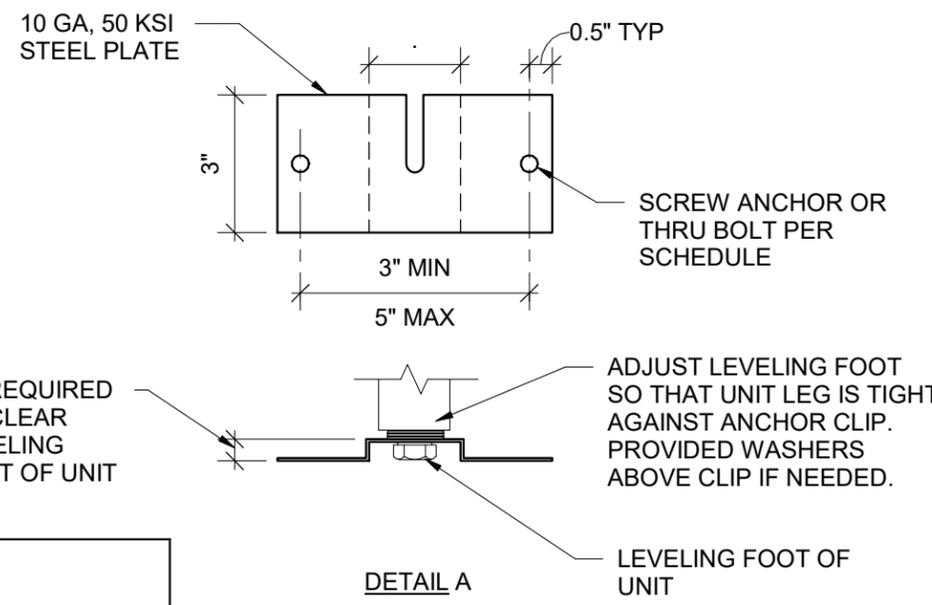
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10 of 11 Sheets
12 of 13



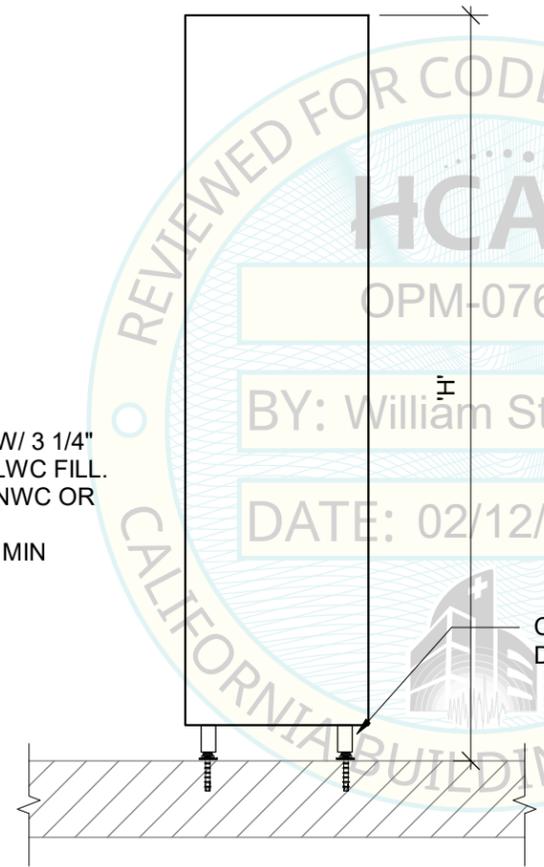
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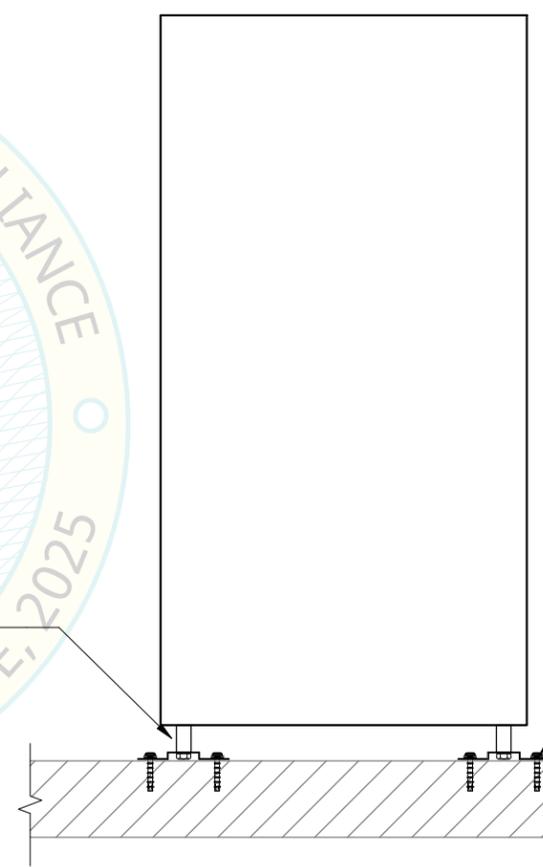
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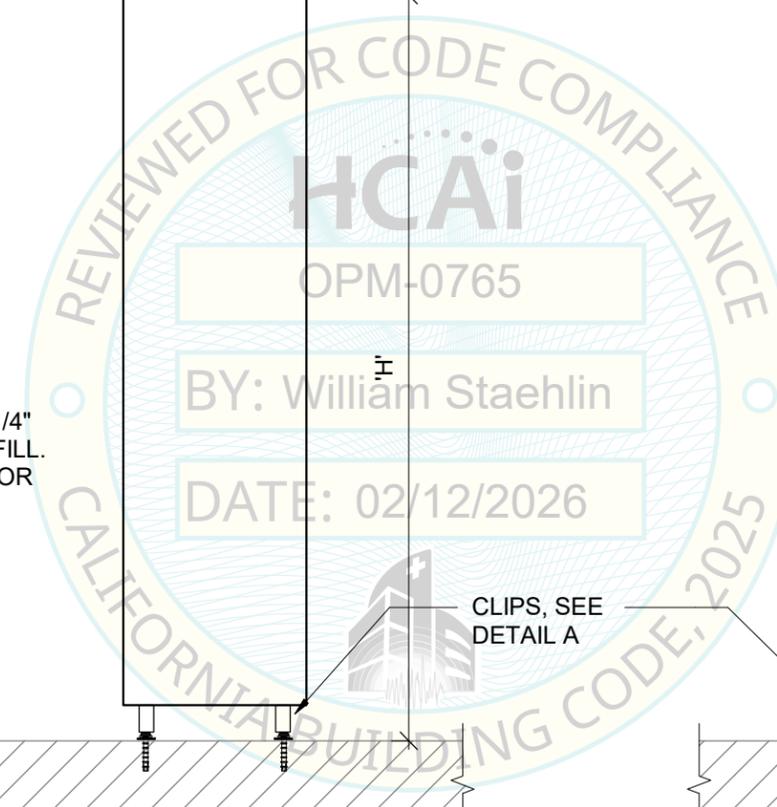
THROUGH-BOLT DETAIL



SIDE ELEVATION



FRONT ELEVATION



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 STORAGE UNITS
 [OPM-0765]**

Sheet Title:
**APPROACH TOWERS
 BOOKCASE / CABINET -
 ANCHORED TO FLOOR
 DETAIL**

Scale: NTS

Job Number:	C4527002.01
Drawn by:	SH
Design by:	DJM
Checked by:	MGA
Date:	02/12/2026

Drawing Number:
S11

11 of 11 Sheets
 13 of 13