APPLICATION FOR OSHPD PREAPPROVAL OF MANUFACTURER'S CERTIFICATION (OSM)

OSHPD Preapproval of Manufacturer's Certification (OSM)

Type: [ ] New  [X] Renewal/Update

Manufacturer Information

Manufacturer: 2 WAY INDUSTRIES LTD
Manufacturer's Technical Representative: BRYCE HODGSON
Mailing Address: 23 PATIKI RD., AVONDAE, AUCKLAND, NA 1026
Telephone: (649) 828-0045  Email: INFO@2WAY.CO.NZ

Product Information

Product Name: BRACELOK RETRO
Product Type: Partition Wall and Ceiling Bracing
Product Model Number: SPT 10-R
General Description: Rigid brace system designed to be used with steel stud and track partition wall systems

Applicant Information

Applicant Company Name: BRACELOK IP :TD
Contact Person: BRYCE HODGSON
Mailing Address: P.O. BOX 31270, MILFORD, AUCKLAND, CA 0620
Telephone: (642) 111-1610  Email: SCOTT.SIMPSON@BRACELOK.COM
Title: Chief Technical Officer

Registered Design Professional Preparing Engineering Recommendations

Company Name: DEGENKOLB ENGINEERS
Name: Alvaro Celestino  California License Number: S5580
Mailing Address: 225 Broadway Suite 1325, San Diego, CA 92101
Telephone: (213) 309-2044  Email: acelestino@degenkolb.com

OSHPD Special Seismic Certification Preapproval (OSP)

[ ] Special Seismic Certification is preapproved under OSP  OSP Number: ____________________________

04/09/2020  OPM-0377: Reviewed for Code Compliance by Jeffrey Kikumoto 1 of 17
Certification Method

Testing in accordance with:  
[ ] ICC-ES AC156  [ ] FM 1950-16

[ ] Other(s) (Please Specify):  AISI S100-16 Section K

*Use of criteria other than those adopted by the California Building Standards Code, 2016 (CBSC 2016) 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 2016 may be used when approved by OSHPD prior to testing.

[ ] Analysis

[ ] Experience Data

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

OSHPD Approval

Date: 4/9/2020

Name: Jeffrey Kikumoto  Title: Senior Structural Engineer

Condition of Approval (if applicable):
I. GENERAL
2. 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 S3 LIMITATIONS ON SHEET S3.

II. RESPONSIBILITIES OF THE STRUCTURAL ENGINEER OF RECORD
1. VERIFY MATERIALS AND WORKMANSHIP TO CONFORM WITH THE 2019 EDITION OF THE CALIFORNIA BUILDING CODE AND THE REQUIREMENTS OF THIS PRE-APPROVAL DOCUMENT.
2. VERIFY THE ADEQUACY OF THE EXISTING FRAMING TO SUPPORT THE LOADS INDICATED ON THIS SHEET. IN ADDITION TO ALL OTHER LOADS.
3. VERIFY ANCHORS ARE AT ADEQUATE DISTANCES FROM OPENINGS AND EDGES OF SLABS AS NOTED IN THE GENERAL NOTES SECTION IV.
4. VERIFY ANCHORS ARE AT ADEQUATE DISTANCES FROM NEW OR EXISTING ANCHORS AS NOTED IN THE GENERAL NOTES SECTION IV.
5. DESIGN ANY SUPPLEMENTARY MEMBER AND THEIR ATTACHMENTS OTHER THAN THOSE DETAILED WITHIN THIS PRE-APPROVAL.
6. VERIFY THAT THE INSTALLATION IS IN CONFORMANCE WITH THE 2019 CBC AND WITH THE DETAILS SHOWN IN THIS PRE-APPROVAL.
7. VERIFY THAT THE SITE SEISMIC PARAMETERS DON’T EXCEED WHAT IS PERMITTED UNDER THIS OPM.

III. RESPONSIBILITIES OF THE OWNER OF RECORD
3. INSTALL ANCHORS IN ACCORDANCE WITH LATEST ICC-ESR REPORT AND MANUFACTURER INSTRUCTIONS.
4. IF REINFORCEMENT IS ENCOUNTERED DURING DRILLING, AVOID THE REINFORCEMENT. PROVIDE A MINIMUM OF 2 ANCHOR DIAMETERS OR 1 INCH, whichever is larger. PROVIDE G60 COATING MINIMUM.
5. VERIFY THE ADEQUACY OF THE EXISTING FRAMING TO SUPPORT THE LOADS INDICATED ON THIS SHEET.
6. VERIFY ANCHORS ARE AT ADEQUATE DISTANCES FROM NEW OR EXISTING ANCHORS AS NOTED IN THE GENERAL NOTES SECTION IV.

IV. MECHANICAL ANCHORS
3. INSTALL ANCHORS IN ACCORDANCE WITH LATEST ICC-ESR REPORT AND MANUFACTURER INSTRUCTIONS.
4. IF REINFORCEMENT IS ENCOUNTERED DURING DRILLING, AVOID THE REINFORCEMENT. PROVIDE A MINIMUM OF 2 ANCHOR DIAMETERS OR 1 INCH, whichever is larger. PROVIDE G60 COATING MINIMUM.
5. VERIFY THE ADEQUACY OF THE EXISTING FRAMING TO SUPPORT THE LOADS INDICATED ON THIS SHEET.
6. VERIFY ANCHORS ARE AT ADEQUATE DISTANCES FROM NEW OR EXISTING ANCHORS AS NOTED IN THE GENERAL NOTES SECTION IV.

V. FRAMING DESIGNATIONS ON PLANS ARE BASED ON THE STEEL STUD MANUFACTURER’S ASSOCIATION (SSMA) PRODUCT TECHNICAL GUIDE (ICC-ESR-3064P).
1. SHEET METAL SCREW: SELF-DRILLING, SELF-TAPPING, HDG PER ASTM A153. PUN OR HEX WASHER HEAD AS REQUIRED BY FINISH.
2. TRACK: ASTM C955 AND ASTM A1003, “U” SHAPED WITH UN-PUNCHED WEB. PROVIDE G60 COATING MINIMUM.
3. TRACK: ASTM C955 AND ASTM A1003, “U” SHAPED WITH UN-PUNCHED WEB. PROVIDE G60 COATING MINIMUM.
4. INSTALL STUDS IN ACCORDANCE WITH MANUFACTURER’S INSTRUCTIONS AND ASTM C955 AND ASTM A1003, “U” SHAPED WITH UN-PUNCHED WEB. PROVIDE G60 COATING MINIMUM.
5. INSTALL ANCHORS IN ACCORDANCE WITH LATEST ICC-ESR REPORT AND MANUFACTURER INSTRUCTIONS.
6. INSTALL ANCHORS IN ACCORDANCE WITH LATEST ICC-ESR REPORT AND MANUFACTURER INSTRUCTIONS.
7. INSTALL ANCHORS IN ACCORDANCE WITH LATEST ICC-ESR REPORT AND MANUFACTURER INSTRUCTIONS.

VI. COLD-FORMED METAL FRAMING
1. STUDS: ASTM C955 AND ASTM A1003, “C” SHAPED WITH LIPPED FLANGES AND PUNCHED WEB. PROVIDE G60 COATING MINIMUM.
2. STUDS: ASTM C955 AND ASTM A1003, “C” SHAPED WITH LIPPED FLANGES AND PUNCHED WEB. PROVIDE G60 COATING MINIMUM.
3. STUDS: ASTM C955 AND ASTM A1003, “C” SHAPED WITH LIPPED FLANGES AND PUNCHED WEB. PROVIDE G60 COATING MINIMUM.
4. STUDS: ASTM C955 AND ASTM A1003, “C” SHAPED WITH LIPPED FLANGES AND PUNCHED WEB. PROVIDE G60 COATING MINIMUM.
5. STUDS: ASTM C955 AND ASTM A1003, “C” SHAPED WITH LIPPED FLANGES AND PUNCHED WEB. PROVIDE G60 COATING MINIMUM.

VII. GENERAL NOTES
1. REVIEW AND UNDERSTAND ALL GENERAL NOTES AND FIGURES BEFORE PROCEEDING.
2. FOR THE SELECTED INTERIOR WALL CONDITION AND SEISMICITY (S, DS), SEE THE TABLES ON S3.
3. DETERMINE THE TOP TRACK CONDITION, BRACE AND WALL STUD SECTIONS, AND BRACELOCK SPACING FROM THE TABLES ON S3.
4. BASE CONNECTION FROM THE TABLE ON S4.
5. DETERMINE THE IMPACT ON THE EXISTING STRUCTURE FROM THE BRACELOCK FROM THE TABLE ON S3, AND VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE WITH THE STRUCTURAL ENGINEER OF RECORD FOR THE BUILDING.

VIII. HOW TO USE THIS PRE-APPROVAL
1. REVIEW AND UNDERSTAND ALL GENERAL NOTES AND FIGURES BEFORE PROCEEDING.
2. FOR THE SELECTED INTERIOR WALL CONDITION AND SEISMICITY (S, DS), SEE THE TABLES ON S3.
3. DETERMINE THE TOP TRACK CONDITION, BRACE AND WALL STUD SECTIONS, AND BRACELOCK SPACING FROM THE TABLES ON S3.
4. BASE CONNECTION FROM THE TABLE ON S4.
5. DETERMINE THE IMPACT ON THE EXISTING STRUCTURE FROM THE BRACELOCK FROM THE TABLE ON S3, AND VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE WITH THE STRUCTURAL ENGINEER OF RECORD FOR THE BUILDING.
BRACE LAYOUT PLANS

1/2" = 1'-0"

TOP TRACK SPLICE PER 3/S6 TO BE LOCATED WITHIN 1'-0" MAX OF BRACELOK CLIP, TYP

TYPICAL BRACELOK WITH (2) BRACES PER 1/S3

INTERIOR PARTITION WALL, TYP.

TOP TRACK SPLICE PER 3/S6 TO BE LOCATED WITHIN 1'-0" MAX OF BRACELOK CLIP, TYP

BRACELOK™ RETRO CONNECTOR, MODEL NO. SPT-10-R

DEGENKOLB ENGINEERS
225 Broadway, Suite 1325
San Diego, CA 92101
619.515.0299 PHONE
www.degenkolb.com

OPM-0377: Reviewed for Code Compliance by Jeffrey Kikumoto
PARTITION WALL
STUD @ 16" O.C. MAX PER SCHEDULE ON S3.

ANCHOR AND SPACING PER SCHEDULE BELOW. PROVIDE ANCHOR 3" MAX FROM END OF TRACK, TYP. SEE GENERAL NOTES FOR SpACING AND EDGE DISTANCE REQUIREMENTS.

CONTINUOUS BOTTOM TRACK TO MATCH STUD THICKNESS.

1. #10 S.M.S. MINIMUM @ EACH SIDE @ EACH STUD.
2. CONC SLAB OR CONC FILLED METAL DECK, Fc = 3,000 PSI MIN. (SAND LWC OR NWC)
3. 4" MIN AT CONC SLAB, AT CONC FILLED METAL DECK 3 1/4" MIN.

MAXIMUM FASTENER SPACING AT BOTTOM CONNECTION (INCHES) CONDITION A

<table>
<thead>
<tr>
<th>Sos</th>
<th>BOTTOM REACTION (PLF)</th>
<th>0.145&quot;DIA PAF W/ 1 1/4&quot; EMBED</th>
<th>3/8&quot; DIA EXP ANCHOR W/ 2&quot; EMBED</th>
<th>3/8&quot; DIA SCREW ANCHOR W/ 2 1/2&quot; EMBED</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.25-0.99</td>
<td>17</td>
<td>32</td>
<td>32</td>
<td>32</td>
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<td>1.00-1.25</td>
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<td>32</td>
<td>32</td>
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<td>1.26-1.45</td>
<td>26</td>
<td>16</td>
<td>32</td>
<td>32</td>
</tr>
<tr>
<td>1.46-1.95</td>
<td>34</td>
<td>16</td>
<td>32</td>
<td>32</td>
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</table>

CONDITION A FOR 9 FT INTERIOR WALL

MAXIMUM FASTENER SPACING AT BOTTOM CONNECTION (INCHES) CONDITION B

<table>
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<tr>
<th>Sos</th>
<th>BOTTOM REACTION (PLF)</th>
<th>0.145&quot;DIA PAF W/ 1 1/4&quot; EMBED</th>
<th>3/8&quot; DIA EXP ANCHOR W/ 2&quot; EMBED</th>
<th>3/8&quot; DIA SCREW ANCHOR W/ 2 1/2&quot; EMBED</th>
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<td>0.25-0.99</td>
<td>25</td>
<td>16</td>
<td>32</td>
<td>32</td>
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<tr>
<td>1.00-1.25</td>
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<td>16</td>
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<td>1.26-1.45</td>
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<td>8</td>
<td>32</td>
<td>32</td>
</tr>
<tr>
<td>1.46-1.95</td>
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<td>8</td>
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CONDITION B FOR 9 FT INTERIOR WALL

MAXIMUM FASTENER SPACING AT BOTTOM CONNECTION (INCHES) CONDITION C AND D

<table>
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<th>Sos</th>
<th>BOTTOM REACTION (PLF)</th>
<th>0.145&quot;DIA PAF W/ 1 1/4&quot; EMBED</th>
<th>3/8&quot; DIA EXP ANCHOR W/ 2&quot; EMBED</th>
<th>3/8&quot; DIA SCREW ANCHOR W/ 2 1/2&quot; EMBED</th>
</tr>
</thead>
<tbody>
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<td>101</td>
<td>32</td>
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<td>32</td>
</tr>
</tbody>
</table>

CONDITION C AND D FOR 9 FT INTERIOR WALL

NOTES:
1. LOADS ABOVE DO NOT INCLUDE O2 FOR CONCRETE ATTACHMENT.

BOTTOM TRACK CONNECTION

1. 1/2" = 1'-0"
2 BRACELOK CLIP CONNECTION

### Item Description

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Part Number</th>
<th>RETRO/QTY</th>
<th>DETAIL</th>
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<tbody>
<tr>
<td>1</td>
<td>BRACELOK-FLY-PLATE</td>
<td>1</td>
<td>1/S8</td>
</tr>
<tr>
<td>2</td>
<td>BRACELOK-TOP-CONNECTOR</td>
<td>2</td>
<td>2/S8</td>
</tr>
<tr>
<td>3</td>
<td>BRACELOK-Rubber-Dampner</td>
<td>1</td>
<td>3/S9</td>
</tr>
<tr>
<td>4</td>
<td>BRACELOK-Threaded-Spacer</td>
<td>1</td>
<td>4/S9</td>
</tr>
<tr>
<td>5</td>
<td>BRACELOK-FOOT-RETRO</td>
<td>1</td>
<td>1/S9</td>
</tr>
<tr>
<td>6</td>
<td>BRACELOK-WASHER</td>
<td>1</td>
<td>2/S9</td>
</tr>
<tr>
<td>7</td>
<td>B18.3.4M - 8 x 1.25 x 16 SBHCS -S</td>
<td>1</td>
<td>2/S9</td>
</tr>
<tr>
<td>8</td>
<td>BH-Socket-Screw-M6X25-ZP-Class 12.9</td>
<td>1</td>
<td>-</td>
</tr>
</tbody>
</table>

3" = 1'-0"

**Instructions**

- Provide (4) #10 SMS to each brace from Bracelok Clip in Manuf provided holes.
- Connect Bracelok to top track with (6) #10 SMS in Manuf provided holes. Center tracklok on top track +/- 1/2".
- Brace per schedule on S3.
- Provide (4) #10 SMS to each brace from Bracelok Clip in Manuf provided holes.
- Provide (4) #10 SMS to each brace from Bracelok Clip in Manuf provided holes.
- Connect Bracelok to top track with (6) #10 SMS in Manuf provided holes. Center tracklok on top track +/- 1/2".
- Provide (4) #10 SMS to each brace from Bracelok Clip in Manuf provided holes.
- Provide (4) #10 SMS to each brace from Bracelok Clip in Manuf provided holes.
- Connect Bracelok to top track with (6) #10 SMS in Manuf provided holes. Center tracklok on top track +/- 1/2".
- Provide (4) #10 SMS to each brace from Bracelok Clip in Manuf provided holes.
- Provide (4) #10 SMS to each brace from Bracelok Clip in Manuf provided holes.
- Connect Bracelok to top track with (6) #10 SMS in Manuf provided holes. Center tracklok on top track +/- 1/2".
NORMAL WEIGHT CONCRETE SUSPENDED SLAB OR BEAM (f'c = 3,000 PSI MIN).

SEE NOTE 1

BRACE PER SCHEDULE ON S3

(4) #10 SCREWS IN MANUFACTURER PROVIDED HOLES IN CLIP. PROVIDE A MIN OF 3/4" TO END OF BRACE.

1. DETAIL MAY ONLY BE USED WHERE INDICATED ON THE SCHEDULE ON SHEET S3.

A @ CONCRETE SLAB

B @ CONC FILLED METAL DECK - W DECK

SAND LWC OR NWC FILLED METAL DECK (f'c = 3,000 PSI MIN)
SEE NOTE 1

C @ CONC FILLED METAL DECK - B DECK

SAND LWC OR NWC FILLED METAL DECK (f'c = 3,000 PSI MIN)
SEE NOTE 1

1 1/2" = 1'-0"

3/8" DIA HILTI KB-TZ ANCHOR W/ 2" EMBED. SEE GENERAL NOTES FOR INSTALLATION REQUIREMENTS. MINIMUM EDGE DISTANCE AND SPACING FROM ADJACENT EXISTING OR NEW ANCHORS PER GENERAL NOTES

NOTES:

MIN 5/8" SAND LWC OR NWC FILLED METAL DECK

MIN 20 GA STEEL B-DECK

MIN 20 GA STEEL W-DECK

MIN 20 GA STEEL W-DECK

MIN 20 GA STEEL B-DECK

MIN 20 GA STEEL W-DECK

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MIN 20 GA STEEL W-DECK
NORMAL WEIGHT CONCRETE

WEB OF BRACE, TYP

6" MIN

3" MAX AT W DECK

7" MIN

 EDGE OF SLAB OR BEAM WHERE OCCURS

7/8" MIN EDGE DIST TO END OF BRACE, 1/4" MAX GAP FROM END OF BRACE TO TRACK, TYP

(2) 3/8" DIA HILTI KB-TZ ANCHORS W/ 2" EMBED

SECTION B-B

SECTION A-A

NOTES:

1. SEE DETAIL 1/86 FOR THE METAL DECK AND ANCHOR LOCATION REQUIREMENTS FOR THE USE OF THE KB-TZ ANCHORS INTO THE SOFFIT OF THE CONCRETE FILLED METAL DECK.

1) BRACE TO CONCRETE FILLED METAL DECK CONNECTION

1" = 1'-0"

(2) #10 SMS EA FLANGE @ EA BRACE 3/4" MIN EDGE DIST & 3/4" MIN SPACING BETWEEN SCREWS, TYP

(2) #10 SMS EA FLANGE @ EA BRACE 3/4" MIN EDGE DIST & 3/4" MIN SPACING BETWEEN SCREWS, TYP

2) BRACE TO CONCRETE SLAB OR BEAM SOFFIT CONNECTION

1" = 1'-0"

(2) 3/8" DIA HILTI KB-TZ ANCHORS W/ 2" EMBED

(2) 3/8" DIA HILTI KB-TZ ANCHORS W/ 2" EMBED

NORMAL WEIGHT CONCRETE

WEB OF BRACE, TYP

6" MIN

3" MAX AT W DECK

7" MIN

1 1/2" MIN TYP

EDGE OF SLAB OR BEAM WHERE OCCURS

3/4" MIN EDGE DIST TO END OF BRACE, 1/4" MAX GAP FROM END OF BRACE TO TRACK, TYP

(2) #10 SMS EA FLANGE @ EA BRACE 3/4" MIN EDGE DIST & 3/4" MIN SPACING BETWEEN SCREWS, TYP

SECTION B-B

SECTION A-A

NOTES:

1. SEE DETAIL 1/86 FOR THE METAL DECK AND ANCHOR LOCATION REQUIREMENTS FOR THE USE OF THE KB-TZ ANCHORS INTO THE SOFFIT OF THE CONCRETE FILLED METAL DECK.

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(2) #10 SMS EA FLANGE @ EA BRACE 3/4" MIN EDGE DIST & 3/4" MIN SPACING BETWEEN SCREWS, TYP

(2) #10 SMS EA FLANGE @ EA BRACE 3/4" MIN EDGE DIST & 3/4" MIN SPACING BETWEEN SCREWS, TYP

2) BRACE TO CONCRETE SLAB OR BEAM SOFFIT CONNECTION

1" = 1'-0"

(2) 3/8" DIA HILTI KB-TZ ANCHORS W/ 2" EMBED

(2) 3/8" DIA HILTI KB-TZ ANCHORS W/ 2" EMBED

NORMAL WEIGHT CONCRETE

WEB OF BRACE, TYP

6" MIN

3" MAX AT W DECK

7" MIN

1 1/2" MIN TYP

EDGE OF SLAB OR BEAM WHERE OCCURS

3/4" MIN EDGE DIST TO END OF BRACE, 1/4" MAX GAP FROM END OF BRACE TO TRACK, TYP

(2) #10 SMS EA FLANGE @ EA BRACE 3/4" MIN EDGE DIST & 3/4" MIN SPACING BETWEEN SCREWS, TYP

SECTION B-B

SECTION A-A

NOTES:

1. SEE DETAIL 1/86 FOR THE METAL DECK AND ANCHOR LOCATION REQUIREMENTS FOR THE USE OF THE KB-TZ ANCHORS INTO THE SOFFIT OF THE CONCRETE FILLED METAL DECK.

1) BRACE TO CONCRETE FILLED METAL DECK CONNECTION

1" = 1'-0"

(2) #10 SMS EA FLANGE @ EA BRACE 3/4" MIN EDGE DIST & 3/4" MIN SPACING BETWEEN SCREWS, TYP

(2) #10 SMS EA FLANGE @ EA BRACE 3/4" MIN EDGE DIST & 3/4" MIN SPACING BETWEEN SCREWS, TYP

2) BRACE TO CONCRETE SLAB OR BEAM SOFFIT CONNECTION

1" = 1'-0"
1. **THIS OPM IS BASED ON THE FOLLOWING SYSTEM WEIGHTS:**
   - **PARTITION WALLS=7.5 psf** [INCLUDES METAL STUDS, (2) LAYERS OF GYPSUM BOARD, (2) LAYERS ON (1) SIDE OR (1) LAYER ON BOTH SIDES, & 1 psf FOR INSULATION & FINISHES]
   - **CABINETS=38 pcf** [INCLUDES CONTENTS AT 33 pcf PER 2019 CBC TABLE 1607A.1 & CABINET SELF WT OF 5 pcf]
   - **EQUIPMENT=38 pcf** [EQUIPMENT LOAD IS ASSUMED TO BE THE SAME AS CABINET LOAD]

2. **NOTES & DETAIL CALLOUTS IN SPECIFIC DETAILS TAKE PREDOMINANCE OVER THE "OPD" DETAILS CALLED OUT ON THIS SHEET.**

3. **SEE SCHEDULE ON SHEET S3 FOR APPLICABLE STUD AND BRACE SIZE INFORMATION.**
1. NOTES & DETAIL CALLOUTS IN SPECIFIC DETAILS TAKE PRECEDENCE OVER THE "OPD" DETAILS CALLED OUT ON THIS SHEET.

2. SEE GENERAL NOTES FOR EXPANSION ANCHOR, SCREW ANCHOR, SHEET METAL SCREW, AND PAF REQUIREMENTS.

3. SEE SCHEDULE ON SHEET S3 FOR APPLICABLE STUD AND BRACE SIZE INFORMATION.

STANDARD PARTITION WALL DETAILS

CABINET OR EQUIPMENT ANCHORAGE TO
PARTITION WALL, CONDITION 'B'

ST2.03

STANDARD PARTITION WALL DETAILS

CABINET OR EQUIPMENT ANCHORAGE TO
PARTITION WALL, CONDITIONS 'C' & 'D'

ST2.04

OPD-0001-13 DETAILS (ST2.03, ST2.04)
SHEET NOTES:

1. NOTES & DETAIL CALLOUTS IN SPECIFIC DETAILS TAKE PRECEDENCE OVER THE "OPD" DETAILS CALLED OUT ON THIS SHEET.

2. SEE GENERAL NOTES FOR EXPANSION ANCHOR, SCREW ANCHOR, SHEET METAL SCREW, AND PAF REQUIREMENTS.

3. SEE SCHEDULE ON SHEET S3 FOR APPLICABLE STUD AND BRACE SIZE INFORMATION.

1. METAL STUD LATERAL BRACING TYPE 1

- NOTES:
  1. Lateral bracing is not required where CLP board is installed on both sides of partition wall.
  2. Notching or cutting of cold-rolled channel is not permitted for any condition.

2. METAL STUD LATERAL BRACING TYPE 2

- NOTES:
  1. Lateral bracing is not required where CLP board is installed on both sides of partition wall.
  2. Notching of blocking or strip not permitted for any condition.
BRACE CONNECTION TO STEEL BEAM - 
PARTITION WALL CONDITIONS 'A' & 'B'

BRACE CONNECTION TO STEEL BEAM - 
PARTITION WALL CONDITIONS 'C' & 'D'

SHEET NOTES:
1. NOTES & DETAIL CALLOUTS IN SPECIFIC DETAILS 
TAKE PRECEDENCE OVER THE 'OPD' DETAILS 
CALLED OUT ON THIS SHEET.
2. SEE GENERAL NOTES FOR EXPANSION ANCHOR, 
SCREW ANCHOR, SHEET METAL SCREW, AND PAF 
REQUIREMENTS.
3. SEE SCHEDULE ON SHEET S3 FOR APPLICABLE STUD 
AND BRACE SIZE INFORMATION.
1. NOTES & DETAIL CALLOUTS IN SPECIFIC DETAILS TAKE PREDOMINANCE OVER THE "OPD" DETAILS CALLED OUT ON THIS SHEET.

2. SEE GENERAL NOTES FOR EXPANSION ANCHOR, SCREW ANCHOR, SHEET METAL SCREW, AND PAF REQUIREMENTS.

3. SEE SCHEDULE ON SHEET S3 FOR APPLICABLE STUD AND BRACE SIZE INFORMATION.
1. NOTES & DETAIL CALLOUTS IN SPECIFIC DETAILS TAKE PRECEDENCE OVER THE "OPD" DETAILS CALLED OUT ON THIS SHEET.

2. SEE GENERAL NOTES FOR EXPANSION ANCHOR, SCREW ANCHOR, SHEET METAL SCREW, AND PAF REQUIREMENTS.

3. SEE SCHEDULE ON SHEET S3 FOR APPLICABLE STUD AND BRACE SIZE INFORMATION.