City Of Portland

REVIEWED FOR CODE COMPLIANCE

Date: 08/18/23

Permit #: 19-258855-DFS-01-CO

Vinci Hamp Architects, Inc. 1147 West Ohio Street / Chicago, IL 60642 www.vinci-hamp.com
The action shown is subject to the terms of the contract and does not relieve the contractor of any obligations, including design, detailing, dimensions, discrepancies and deviations from plans and specifications.
FIL
Paul Kraemer, AIA
JOB NAME: PAM
JOB NUMBER: 1803
DATE: 06/30/2023 X Reviewed, No Exceptions Noted
Reviewed, Exceptions as Noted

Revise as Noted and Resubmit

NO EXCEPTIONS NOTED EXCEPTIONS AS NOTED (RESUBMITTAL NOT REC REVISE AND RESUBMIT	REJECTED QUIRED IF NOTED CORRECTIONS ARE MADE) NOT REVIEWED				
This review is for general conformance with the information given and the design concept expressed in the Contract Documents. Corrections or comments made on the submittal do not relieve the Contractor from compliance with the requirements of the Contract Documents. Review of a specific item shall not apply to an assembly of which the item is a component. Contractor is responsible for: the accuracy and completeness of all quantities, dimensions, and confirmation of all dimensions at the jobsite; fabrication processes; the means, methods, techniques, sequences and procedures of construction; coordination of the Work of all trades; and for performing all Work in a safe and satisfactory manner. This review is undertaken solely to satisfy the Architect's obligations, if any, to the Owner and shall not give rise to any claim by the Contractor or other parties against the Architect or Owner.					
Hemnebery Eddy Architects, Inc. Rev. 2006 Cara Wessel	7/10/2023 Date				

PORTLAND ART MUSEUM

ROTHKO PAVILION

1219 SW PARK AVE PORTLAND, OR 97205



26055 SW Canyon Creek Rd | Wilsonville, OR (503) 620-1600 www.wpibuilds.com

OWNER

COMPANY NAME CITY, STATE ZIP

CONTACT: TEL:

ARCHITECT

COMPANY NAME CITY, STATE ZIP

CONTACT: TEL:

STRUCTURAL ENGINEER

COMPANY NAME CITY, STATE ZIP

CONTACT: TEL:

GENERAL CONTRACTOR

COMPANY NAME CITY, STATE ZIP

CONTACT: TEL:

CEILING FRAMING CONTRACTOR

ACOUSTICAL PANEL CEILINGS

SPECIFICATION SECTION:

PROJECT NO.:

WESTERN PARTITIONS, INC WILSONVILLE, OR 97070

CONTACT: NIKKI WILSON TEL: 503.624.5311

CEILING FRAMING ENGINEER

ISSUE DATE: 2023-06-09

WESTERN PARTITIONS, INC. WILSONVILLE, OR 97070

095113

22-2815

CONTACT: GREG MERCURIO TEL: 971.264.8766

GENEF AL NOTES

DESIGN CRITERIA

BUILDING CODE: 2019 ORECON STRUCTURAL SPECIALTY CODE (OSSC) RISK CATEGORY III

Date: 08/85/8MIC DESIGN CATEGORY D

SDS = 0.728

1928KGN-WEIGHTD= 4 PSF INTERIOR USE ONLY

GENERAL NOTES

- 1. PARTITIONS THAT ARE TIED TO THE SUSPENDED CEILING SHALL HAVE BRACING INDEPENDENT OF THE CEILING BRACING SYSTEM.
- 2. CEILINGS LESS THAN OR EQUAL TO 144 SQ. FT. AND SURROUNDED ON ALL SIDES BY WALLS OR BRACED SOFFITS CONNECTED TO THE STRUCTURE ABOVE ARE EXEMPT FROM THE LATERAL BRACING AND PERIMETER DETAIL REQUIREMENTS.
- 3. CEILINGS GREATER THAN 144 SQ. FT. BUT LESS THAN OR EQUAL TO 1000 SQ. FT. DO NOT REQUIRE LATERAL BRACING, PERIMETER DETAILS ARE REQUIRED
- 4. CEILING AREAS GREATER THAN 2500 SQ. FT. SHOULD BE SEPARATED BY JOINTS INTO AREAS LESS THAN 2500 SQ. FT. AND A RATIO OF THE LONG TO SHORT DIMENSION LESS THAN OR EQUAL TO FOUR.
- 5. ALL MAIN BEAMS ARE TO BE RATED HEAVY DUTY (HD) PER ASTM C635 & E580
- 6. HANGER AND BRACING WIRES SHALL BE #12 GAGE (0.106" DIAMETER), SOFT ANNEALED AND GALVANIZED STEEL WIRES WITH CLASS 1 COATING.
- 7. ALL STRUCTURAL MEMBERS SHOWN BY OTHERS, VERIFY MINIMUM REQUIREMENTS BEFORE WORK.

FRAMING SECTIONS

ALL COLD-FORMED STEEL STUDS, JOIST, TRACK, CHANNELS AND MISC, SHAPES MILL CERTIFIED TO MEET:

54MIL AND THICKER: ASTM A653 SS GRADE 50 CLASS 1 OR ASTM A1003 GRADE 50 TYPE H, Fy=50KSI

43MIL AND THINNER: ASTM A653 SS GRADE 33 OR ASTM A1003 GRADE 33 TYPE H, Fy=33 KSI

POWDER, GAS, OR ELECTRIC DRIVEN FASTENERS (PAF)

FOR SUSPENDED CEILING CONNECTIONS TO CONCRETE OR THE UNDERSIDE OF CONCRETE OVER METAL DECK:

- 1. RAMSET 1500 SERIES 0.145"Ø x 1" MIN, SP 0.150"Ø x 1" MIN, TE 0.157"Ø x 1" MIN,
- 2. HILTI X-U & X-P 0.157"Ø x 1", ESR-2269
- 3. HILTI X-C 0.138"Ø x 1" & X-GN, X-C 0.118"Ø x 1", ESR-1752

PRE-ASSEMBLED CEILING CLIPS, FOR HANGER WIRE ONLY, TO CONCRETE OR THE UNDERSIDE OF CONCRETE OVER METAL DECK OR STEEL:

- 1. RAMSET SDC & SPC, ESR-1799 (SDC100, SDC125, & SDC78 NOT ALLOWED IN LOW FLUTE OF METAL DECK)
- 2. HILTI X-CX, ESR-2184

FOR CONNECTIONS TO MIN 3/16" THICK STEEL:

- 1. RAMSET 1500 SERIES 0.145"Ø, SP 0.150"Ø, TE 0.157"Ø x 5/8" MIN, ESR-1799
- 2. HILTI X-S 0.145"Ø OR 0.118"Ø, X-EGN 0.118"Ø, & X-P 0.118"Ø x 5/8" MIN, ESR-1752
- 3. HILTI X-U 15 0.145"Ø x 5/8" MIN, ESR-2269

POST-INSTALLED ANCHORS

FOR SUSPENDED CEILING CONNECTIONS TO CONCRETE OR THE UNDERSIDE OF CONCRETE OVER METAL DECK:

DATE # DESCRIPTION

- 1. HILTI HUS-EZ 3/8"Ø x 21/2", ESR-3027
- 2. HILTI KWIK BOLT TZ 3/8"Ø x 2" EMBED, ESR-1917
- 3. SIMPSON TITEN HD 3/8"Ø x 21/2". ESR-2713
- 4. SIMPSON STRONG-BOLT 3/8"Ø x 2" EMBED. ESR-3037

ELECTRICAL FIXTURES

- 1. LIGHT FIXTURES WEIGHING LESS THAN 10 LB SHALL HAVE ONE 12-GAUGE HANGER WIRE CONNECTED FROM THE FIXTURE TO THE STRUCTURE ABOVE. THIS WIRE MAY BE SLACK.
- 2. LIGHT FIXTURES WEIGHING MORE THAN 10 LB AND LESS THAN 56 LB SHALL HAVE TWO 12-GAUGE WIRES ATTACHED AT OPPOSING CORNERS OF THE LIGHT FIXTURE TO THE STRUCTURE ABOVE. THESE WIRES MAY BE SLACK.
- 3. LIGHT FIXTURES WEIGHING MORE THAN 56 LB SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE BY APPROVED HANGERS.
- 4. PENDANT-HUNG FIXTURES SHALL BE DIRECTLY SUPPORTED FROM THE STRUCTURE ABOVE USING A 9-GAUGE WIRE OR AN APPROVED ALTERNATE SUPPORT WITHOUT USING THE CEILING SUSPENSION SYSTEM FOR DIRECT SUPPORT.

MECHANICAL SERVICES

- 1. TERMINALS OR SERVICES WEIGHING LESS THAN 20 LB SHALL BE POSITIVELY ATTACHED TO THE CEILING SUSPENSION MAIN RUNNERS OR TO CROSS RUNNERS THAT HAVE THE SAME CARRYING CAPACITY AS THE MAIN RUNNERS.
- 2. TERMINALS OR SERVICES WEIGHING 20 LB BUT NOT MORE THAN 56 LB SHALL HAVE. IN ADDITION TO NOTE 1. TWO 12-GAUGE WIRES CONNECTING THEM TO THE CEILING SYSTEM HANGERS OR THE STRUCTURE ABOVE. THESE WIRES MAY BE SLACK.
- 3. TERMINALS OR SERVICES WEIGHING MORE THAN 56 LB SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE BY APPROVED HANGERS.

<u>INSPECTIONS</u>

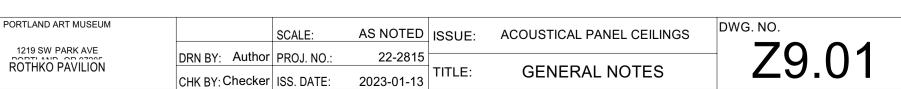
- 1. SPECIAL INSPECTIONS ARE REQUIRED FOR POST INSTALLED ANCHORS INTO CONCRETE.
- 2. WHEN PAF ARE USED IN NORMAL WEIGHT CONCRETE OVER METAL DECK FOR HANGER WIRES, 1 OUT OF 20 (MINIMUM 5 TOTAL) WIRE/ANCHOR ASSEMBLIES SHALL BE FIELD TESTED FOR 250 LBS. IN TENSION FOR NOT LESS THAN 10 SECONDS. IN CASE OF FAILURE, A MINIMUM OF 6 ANCHORS IN THE IMMEDIATE VICINITY OF THE FAILED ANCHOR SHALL BE TESTED. REPLACE ALL FAILED PAF. IN THE EVENT OF ANY ADDITIONAL FAILURE, ALL ANCHORS PLACED ON THE SAME DAY SHALL BE TESTED. LOAD TESTING RESULTS ARE REQUIRED TO BE SUBMITTED TO THE LOCAL JURISDICTION FOR APPROVAL PRIOR TO THE CEILING GRID INSPECTIONS.

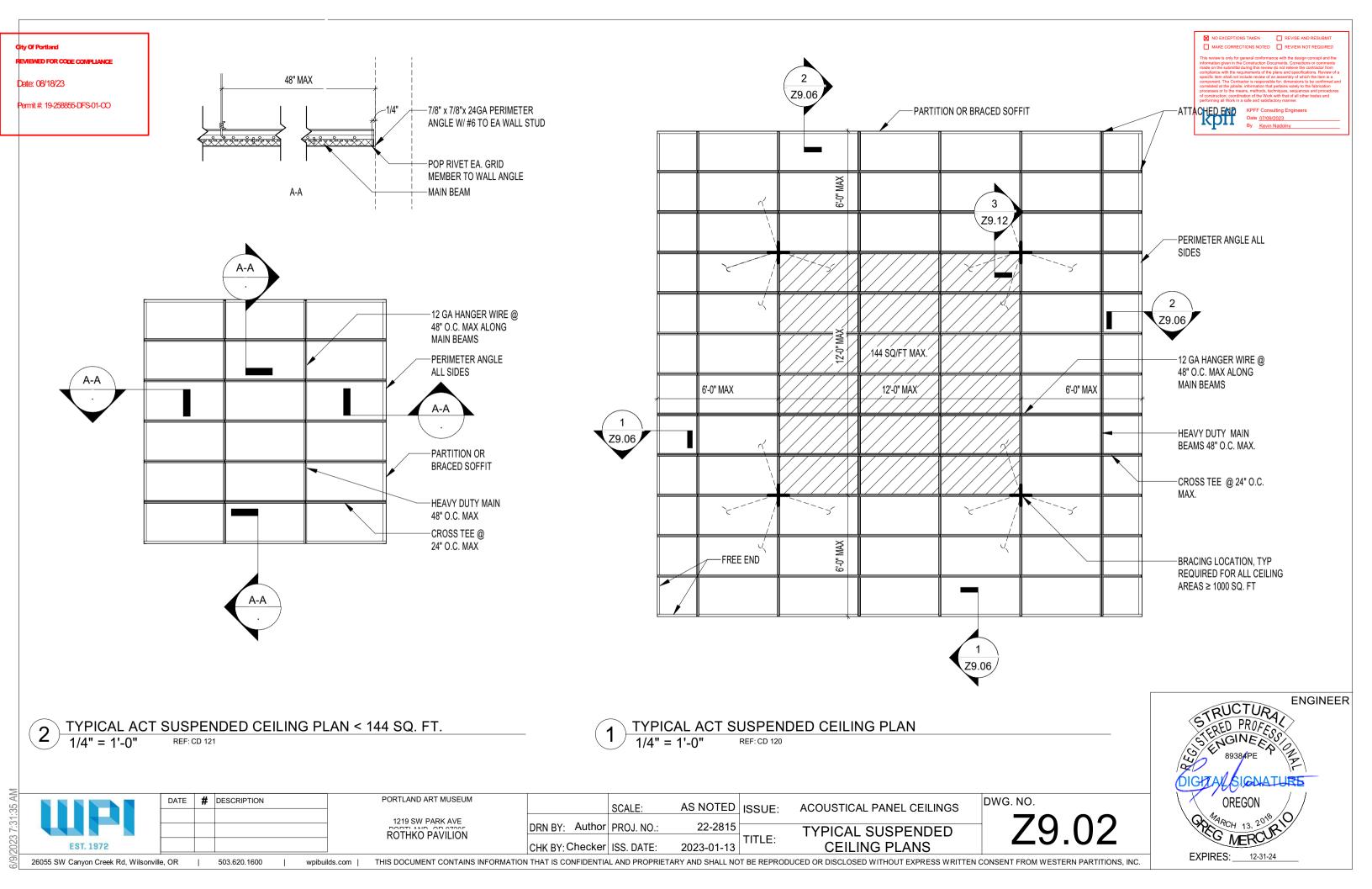
2023-06-09 FOR ISSUE Sheet Number Sheet Name

NOT USED-Z9.03	TYPICAL SUSPENDED LINEAR WOOD CEILING	
NOT USED-Z9.04	TYPICAL SUSPENDED METAL MESH CEILING	
NOT USED-Z9.08	TYPICAL SPLAY & HANGER WIRE CONNECTIONS	
NOT USED-Z9.13	SEISMIC BRACING - MEDICAL	
Z9.00	COVER SHEET - ACT SHOPS	
Z9.01	GENERAL NOTES	
Z9.02	TYPICAL SUSPENDED CEILING PLANS	
Z9.05	ACT SUSPENDED CLOUD	
Z9.06	PERIMETER DETAILS	
Z9.07	TYPICAL SPLAY & HANGER WIRE CONNECTIONS	
Z9.09	ACT DETAILS	
Z9.10	ACT DETAILS	
Z9.11	GENERAL CEILING DETAILS	
Z9.12	SEISMIC BRACING - STANDARD	
Z9.14	COMPRESSION POST DETAILS	





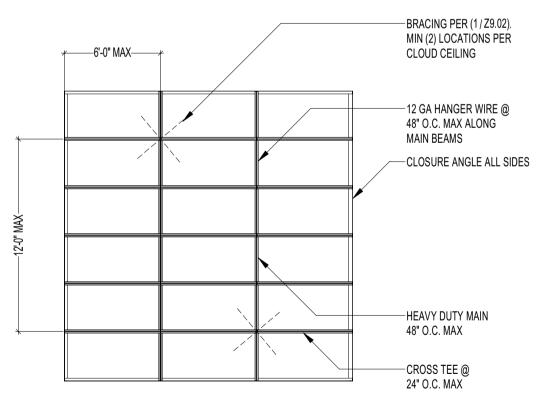




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		1	
	1972		

26055 SW Canyon Creek Rd, Wilsonville, OR

DATE # DESCRIPTION

503.620.1600

PORTLAND ART MUSEUM 1219 SW PARK AVE ROTHKO PAVILION

AS NOTED ISSUE: SCALE: DRN BY: Author PROJ. NO.: 22-2815 2023-01-13 CHK BY: Checker ISS. DATE:

ACOUSTICAL PANEL CEILINGS

TITLE: ACT SUSPENDED CLOUD

DWG. NO.

Z9.05

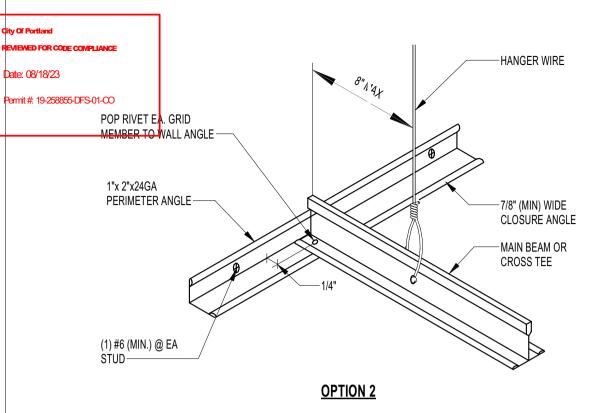
STRUCTURAL STRED PROFESS STRUCTURAL STRED PROFESS 89384PE EXPIRES: 12-31-24

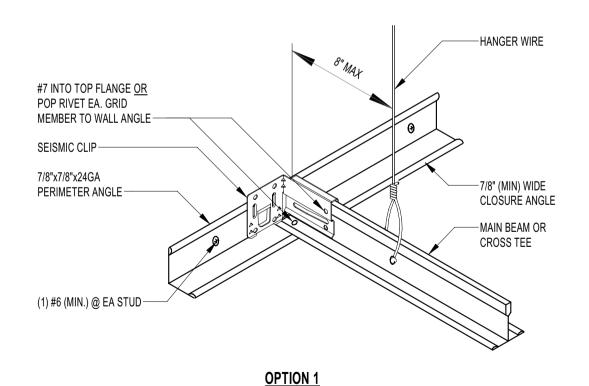
ENGINEER

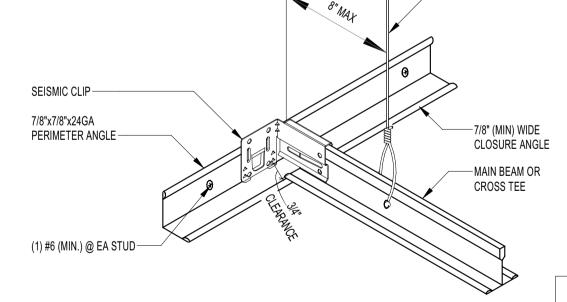
KPFF Consulting Engineers
Date 07/09/2023
By Kevin Nadolny

/2023 7:31:35 AM

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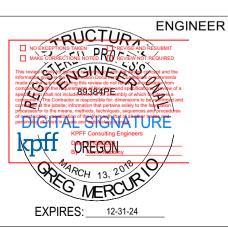




ACT CEILING PERIMETER DETAIL - ATTACHED END 3" = 1'-0" REF: CD 131

ACT CEILING PERIMETER DETAIL - FREE END 3" = 1'-0" REF: CD 132

	DATE #	DESCRIPTION	PORTLAND ART MUSEUM 1219 SW PARK AVE		SCALE:	AS NOTED ISSUE:	ACOUSTICAL PANEL CEILINGS	DWG. NO.
			ROTHKO PAVILION	DRN BY: Author F	PROJ. NO.:	22-2815	PERIMETER DETAILS	/9/06
EST. 1972				CHK BY: Checker I	SS. DATE:	2023-01-13 TITLE:	PERIMETER DETAILS	20.00
26055 SW Canyon Creek Rd, Wilsonville, OR 503.620.1600 wpibuilds.com THIS DOCUMENT CONTAINS INFORMATION THAT IS CONFIDENTIAL AND PROPRIETARY AND SHALL NOT BE REPRODUCED OR DISCLOSED WITHOUT EXPRESS WRITTEN CONSENT FROM WESTERN PARTITIONS, INC.								



■ NO EXCEPTIONS TAKEN
■ REVISE AND RESUBMIT

KPFF Consulting Engineration

Date 07/09/2023

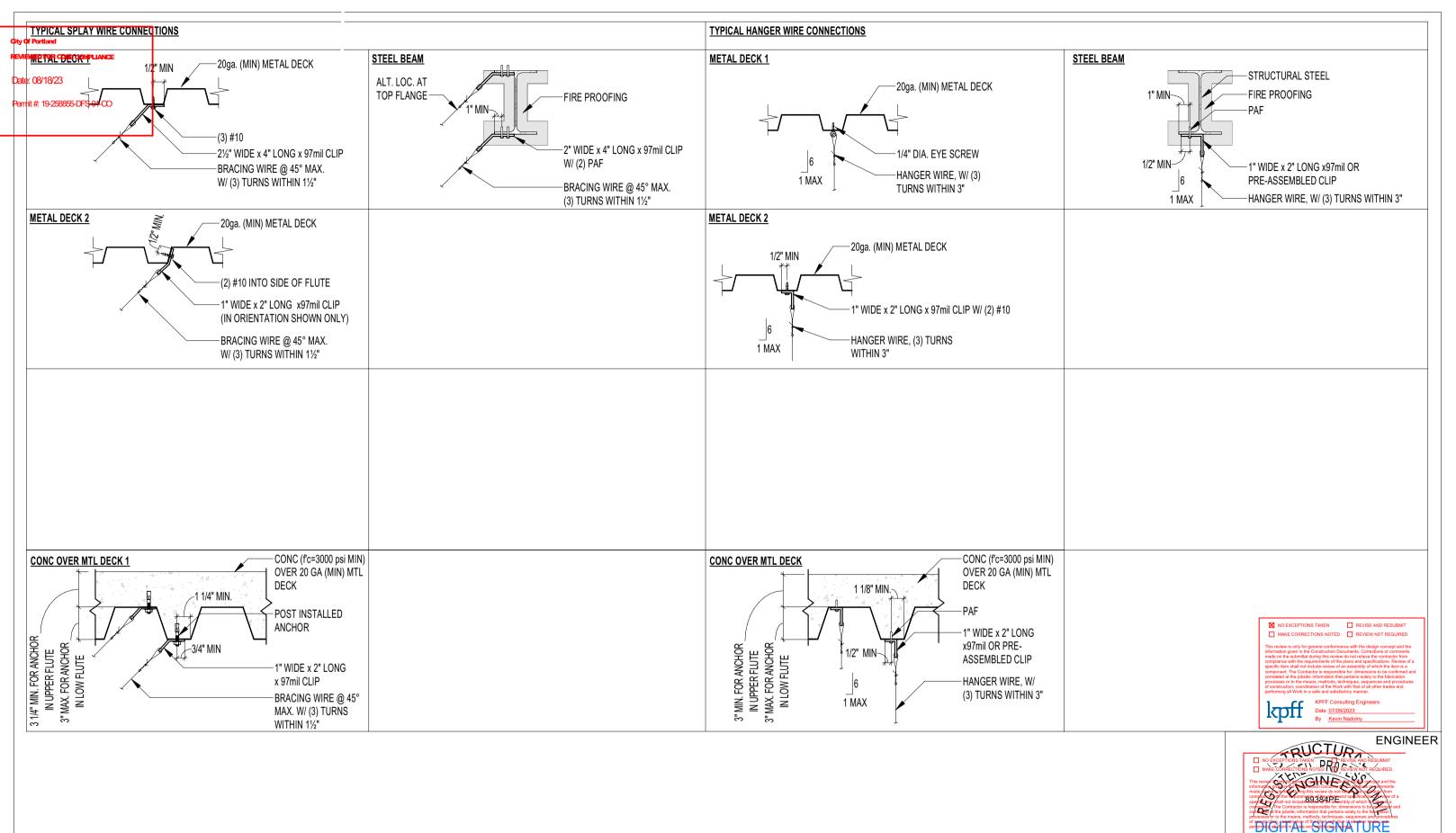
By Kevin Nadolny

2023 7:31:35 AM

Date: 08/18/23

503.620.1600

HANGER WIRE



DATE # DESCRIPTION

PORTLAND ART MUSEUM 1219 SW PARK AVE **ROTHKO PAVILION**

AS NOTED ISSUE: SCALE: DRN BY: Author PROJ. NO. 22-2815 CHK BY: Checker ISS, DATE: 2023-01-13

ACOUSTICAL PANEL CEILINGS TYPICAL SPLAY & HANGER

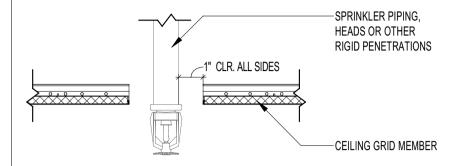
WIRE CONNECTIONS

DWG. NO.

12-31-24

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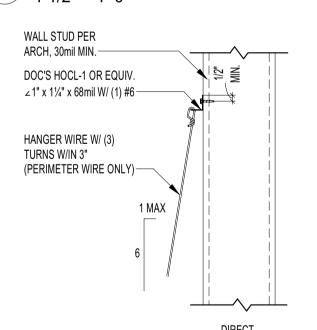


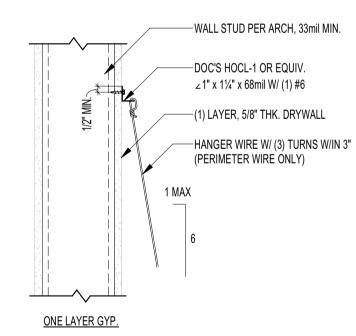


- 1. NOT APPLICABLE AT CEILINGS WITH RIGID BRACING (SPLAY WIRES DON'T COUNT) OR INTEGRAL CEILING/SPRINKLER CONSTRUCTION.
- 2. ALTERNATIVELY. A FLEXIBLE SPRINKLER HOSE FITTING THAT CAN ACCOMMODATE 1" OF FREE MOVEMENT IN ANY DIRECTION IS PERMITTED WITHOUT THE OVERSIZED CEILING HOLE.

SPRINKLER HEADS PENETRATING ACT CEILINGS

1 1/2" = 1'-0" REF: CD 104





1 1/2" = 1'-0"

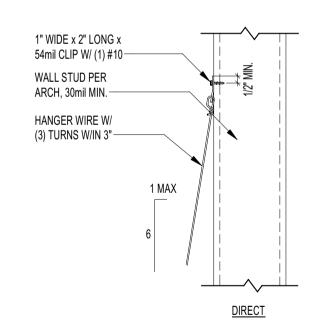
8" MAX 8" MAX HANGER WIRE @ 48" O.C., TYP 3/4" CLEAR. **EXPANSION SLEEVE** WITH SLEEVE HANGER WIRE @ 48" O.C., TYP SEISMIC JOINT CLIP

-#7 EA. SIDE WITH CLIP

- 1. NO CONTINUOUS CEILING AREAS SHALL EXCEED 2500 SQ. FT. PROVIDE A SEPERATION JOINT TO REDUCE THE CEILING TO AREAS LESS THAN 2500 SQ. FT. AND A RATIO OF THE LONG TO SHORT DIMENSION LESS THAN OR EQUAL TO FOUR
- 2. EACH AREA SEPARATED BY A JOINT SHALL HAVE INDEPENDANT BRACING AS REQ'D.

ACT CEILING SEISMIC SEPARATION JOINT

REF: CD 102



WALL STUD PER

ARCH, 30mil MIN.

(2) #10 @ 2" O.C.

HANGER WIRE W/

3 TURNS W/IN 3"-

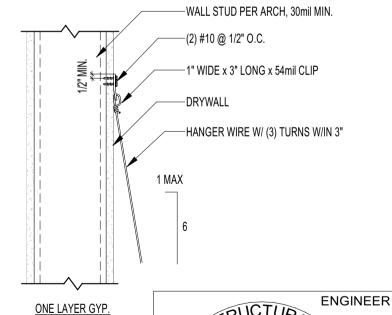
∠1 x 1 x 54mil x 3" LONG CLIP —

(1) LAYER, 5/8" THK. DRYWALL

WALL STUD PER ARCH, 30mil MIN. 1" WIDE x 2" LONG x 54mil CLIP W/#10 TO BACKING 600S137-30 MIN. BACKING STUD. SPAN (2) WALL STUDS MIN. FASTEN BACKING TO WALL STUDS USING (2) #10 AT EACH STUD -HANGER WIRE W/ 3 TURNS W/IN 3" 1 MAX

kpff

(1) LAYER, 5/8" THK. DRYWALL



HANGER WIRE CONNECTION TO STUD WALL 1 1/2" = 1'-0"

OPTION 1

PERIMETER WIRE CONNECTION TO STUD WALL W/ ANGLE CLIP 1 1/2" = 1'-0" REF: CD 155

EST 1972	

DATE # DESCRIPTION

1219 SW PARK AVE **ROTHKO PAVILION**

PORTLAND ART MUSEUM

SCALE: AS NOTED ISSUE: DRN BY: Author PROJ. NO. 22-2815 2023-01-13 CHK BY: Checker ISS. DATE:

ACOUSTICAL PANEL CEILINGS

ACT DETAILS

DWG. NO.

OPTION 2

STRUCTURAL STERED PROFESSO STENGINE 8930 ENGINE PO DIGHTALL SIGNATURE 12-31-24

7:31:37 AM

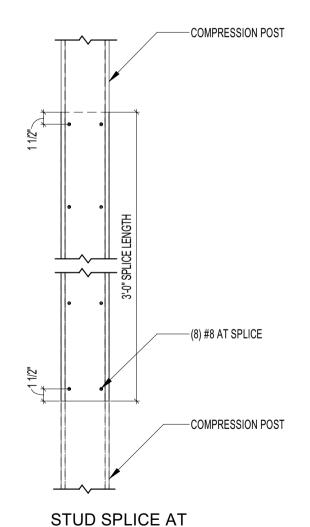
26055 SW Canyon Creek Rd, Wilsonville, OR 503.620.1600

OPTION 3

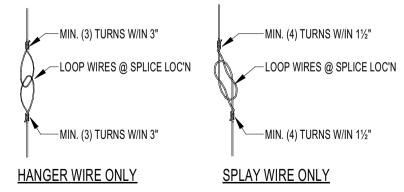
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COMPRESSION POSTS



HANGER / SPLAY WIRE SPLICE

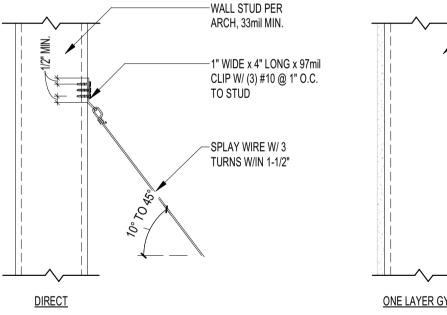
WALL STUD PER ARCH, 30mil MIN. -MAX (2) LAYERS DRYWALL -COMPRESSION POST 6'-0" MAX 362T150-54 W/ #10 EA. LEG. SPAN (3) STUD BAYS MIN. W/ (3) #10 TO EA. STUD -362S162-33 BRACE BACK TO WALL (3) #10 NOTE: SEISMIC SPLAY WIRES OR HARD KICKER IN ORTHOGINAL DIRECTION 6" MAX. SUSPENDED CEILING (2) #8 THROUGH BOTH FLANGES OF MAIN RUNNER BULB

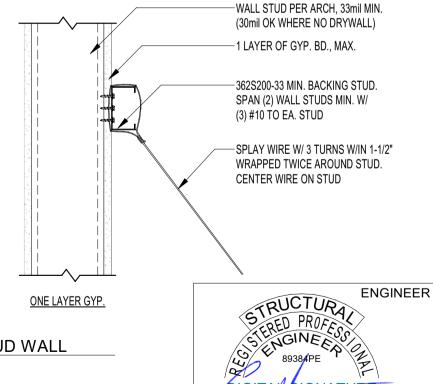
ALTERNATE SEISMIC BRACE AT PERIMETER WALLS 1 1/2" = 1'-0"

 NO EXCEPTIONS TAKEN ☐ REVISE AND RESUBMIT kpff

DIGITAL SIGNATURE

12-31-24





SPLAY WIRE CONNECTION TO METAL STUD WALL

DATE # DESCRIPTION PORTLAND ART MUSEUM DWG. NO. AS NOTED ISSUE: SCALE: **ACOUSTICAL PANEL CEILINGS** Z9.10 1219 SW PARK AVE DRN BY: Author PROJ. NO.: 22-2815 **ROTHKO PAVILION ACT DETAILS** CHK BY: Checker ISS, DATE: 2023-01-13 26055 SW Canyon Creek Rd, Wilsonville, OR 503.620.1600

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