

Activity ID	Bid RFI's					
Subject:	RUHS Bid RFI Responses					
Date	2/25/2026					
AOR Name:	Leo Daly					
RFI #	Date Received	Contractor	Contractor RFI#	Comments	Author	Response
B001	2/19/2026	Bayview	#001	Please provide copy of hazardous materials survey report	RHUS	Report is Pending
B002	2/19/2026	Bayview	#002	Which trade package will be providing infectious control?	Bernards	<ul style="list-style-type: none"> Infectious control is required by each contractor Hard Temporary Barriers are provided by the Demo or Drywall Contractor
B003	2/19/2026	Bayview	#003	<ul style="list-style-type: none"> Are there any Union Requirements? Is there a PLA? 	Bernards	<ul style="list-style-type: none"> There are no Union Requirements There is no PLA, but this is Prevailing Wage
B004	2/24/2026	Level It Builders	#004	Can the design team please furnish an installation schedule for Cath Lab Rooms 1 & 2?	Bernards	Included in Bid Document
B005	2/24/2026	Level It Builders	#005	Atkore/Unistrut received an OPM to eliminate the additional weld on the sides of the channel and doesn't manufacture this anymore. Please find attached OPM. Can the design team please approve the use of P1001 instead?	ABS Engineers	P1001 members are approved for use on this project.
B006	2/24/2026	Brady West Inc	#006	AE611 shows Wall Type 1S6L at Control Room E1047A / Corridor E1048, however, the Lead Lined Walls Symbol is not shown on this wall. Please confirm this should be Wall Type 1S6 as no lead occurs at this location.	LAD	Confirmed. Lead lining only occurs where rooms E1047 and E1049 adjoin Corridor E1046 per shielding plan on AE141. No lead lining occurs where rooms E1047A and E1049A adjoin Corridor E1046.
B007	2/24/2026	Brady West Inc	#007	Several Walls are shown as non rated wall types (EX: S4A) however, have the 1 HR Rated Symbol on AE111, please confirm we are to use the symbols for determining where rated walls occur.	LAD	Where wall tags for rated and non-rated walls conflict with the wall hatch legend, the wall hatches shown on the plan shall govern as noted on AE111 for continuity of the required rating separation.
B008	2/24/2026	Brady West Inc	#008	Door Schedule AE601 lists HM Door Frame 1079, however, this is not found on the floor plan AE111. Please advise where this door occurs or if it exist.	LAD	Door 1079 can be deleted from the 'Door Schedule'. Door does not exist in scope.
B009	2/24/2026	Brady West Inc	#009	Please confirm, all framing drywall and plaster shown on A3/AE511 is existing. Per Window Schedule on AE601 the W4 windows are existing frames with new spandrel glass only	LAD	Confirmed. Keynotes 1 thru 18 on detail A3/AE511 describe existing conditions, per as-builts, to remain. Provide new construction where noted in the detail.
B010	2/24/2026	Brady West Inc	#010	Insulation & Drywall & FRP Scope Item #25 on page 6 of BP 09 - FRP is not shown on Finish Schedule and I do not see a spec. for this either. Please clarify what FRP is required and provide a specification for it?	LAD	Refer to WP-1 & WP-2 on finish schedule on sheet IE601. The 'Altro' is a FRP equivalent wall protection panel for use where noted in the room finish schedule.
B011	2/24/2026	Brady West Inc	#011	Please confirm that the Fireproofing Scope in BP 09 - Insulation & Drywall Scope Item #4 is only for patching of existing fireproofing where new steel beams are connected to existing fireproofed beams and that the new steel beams added for unistrut support on C2 & C3/S211 DO NOT require any fireproofing as this steel is not part of the structural frame of the building. New Roof Steel will need access from the 2nd floor ceilings ?	LAD	Fire proofing is not required on new steel members supporting the unistrut framing system described in details C2 & C3/S211.
B013	2/24/2026	Brady West Inc	#012	What are the Lower Level Ceilings ? Will we need to patch any fireproofing above the lower level ceilings?	LAD	Contractor shall verify existing conditions on Lower Level for confirmation. As-built drawings provided by RUHS show the Lower Level to mostly be t-bar grid and lay-in tile.

B014	2/24/2026	Brady West Inc	#013	A1/AE141 shows a Note on the West wall (or true south wall) of Room E1047B as Lead Lined Wall up to 7'-0" AFF, however, the lead lined dotted line is not shown on this wall and the Wall Type S6A does not show any Lead. Please confirm there is no lead on this wall and only on walls with the red dotted line marking symbol noted in the Legend.	LAD	Confirmed. No lead lining required on the plan-west wall of Room #1047B. Lead lining is required per the 'red dotted' line.
B015	2/24/2026	Brady West Inc	#014	Please Clarify the Lead Thickness for the Cath Lab South Walls - The detail at the top of the page on AE141 notes 1/32" however, the detail at the bottom of the page A1/AE141 Shielding Plan notes 1/16" lead?	LAD	Confirmed. The plan-south wall in rooms E1047 & E1049 may be 1/32" lead lined per shielding report on sheet AE141.
B016	2/24/2026	Brady West Inc	#015	What work is required in BP09 Drywall for Keynote P35 on AE111 - Upgradeing existing 1 HR Fire Fire Partition to 1 HR Fire Barrier per Code ? What is the difference between these partitions.	LAD	The intent of Keynote P35 is to highlight the requirement to upgrade any conditions, along the defigned Fire Barrier route on the drawings, where deficiencies in the continuity of the fire rating are observed in the field. Non-confirming openings, through-penetrations and joint conditions shall be repaired to meet a 1-HR rated condition.
B017	2/24/2026	Brady West Inc	#016	It appears as if all Lower Level Ceilings are ACT. Clgs, there will be areas where access to level 1 floor slab will be required through these ceilings. Please confirm there is no drywall patching required at the Lower level for the new work at the underside of the Level 1 floor slab.	LAD	On the Lower Level, should access above existing drywall ceilings or within walls be necessary for routing of required utilities, then drywall patching will be needed. Contractor to verify in field.
B018	2/24/2026	Brady West Inc	#017	It appears as if all 2nd Level Ceilings are ACT. Clgs, there will be areas where access to level 3 roof deck will be required through these ceilings for fireproofing of new steel per drawing S113. Please confirm there is no drywall patching required at the 2nd level for the new work at the underside of the Level 3 roof slab.	LAD	See response to B016
B019	2/24/2026	Brady West Inc	#018	Confirm we are to include our own debris bins	LAD	On the 2nd Level, should access above existing drywall ceilings or within existing walls be necessary for <u>any</u> required scope of new work, then drywall patching will be needed. Contractor to verify in field.
B020	2/24/2026	Brady West Inc	#019	Confirm we can park on site and no costs.	Bernards	Confimred - No site cost
B021	2/24/2026	Brady West Inc	#020	Specification 09 22 16 calls for Resilient Sound Isolation Clips, Decoupling Sound Isolation Clips, Resilient Channel Vibration Isolation Clips, Resilient Partition Isolation Pad, however, NONE of these are shown on the drawings. Please confirm these are not required on this project.	LAD	Sound isolation products noted in 09 22 16, Sec 2.4 C, D, & E are not required.
B022	2/24/2026	Brady West Inc	#021	Please provide a detail list of what is required for Bid Package 09 - Alternate A "Provide a price for installation of Misc. Accessories"	LAD	See drawings EQ701 and EQ702 for a summary of the equipment.
B023	2/24/2026	Brady West Inc	#022	Specification 09 29 00 Gypsum Board calls for Kinetics Noise Control Wallmat and Anchor Isolators at All Acoustical Walls, however, the drawing details do not show these. Please confirm there is no Kinetics Noise Control Wallmat and Anchor Isolators on this project	LAD	Walls are required to meet the minimum STC ratings noted in the Partition Type schedule on AE511. Kinetics Noise Control Wallmat and Anchor Isolators my be eliminated if STC rating can be achieved using acoustical insulation in the cavity and continuous acoustical sealant along base and head of wall.
B024	2/24/2026	Brady West Inc	#023	Specification 09 29 00 Gypsum Board under Aceccories list Textured Finishfine orange peel, however it does not specify any installation requirements and this is not indicated on the drawings. Please confirm there is no Textured Finish on this project	LAD	Provide eggshell finish for all new painted P-1, P-2, P-3 & P-4 finish surfaces

B025	2/24/2026	Brady West Inc	#024	Specification 09 29 00 Gypsum Board notes Level 5 Finish where indicated on the drawings, however this is none indicated on the drawings. Please confirm there is no Level 5 Finish on this project	LAD	Provide Level 5 finish only in Cath Lab procedure rooms E1047 & E1049, in the PACU areas E1053, E1056, E1056A thru G & E1058, and in the Hyberbaric Therapy E1051.
B026	2/24/2026	Brady West Inc	#025	Det. A1/AE121 refers to detail CJ2.10 which is not shown. Please provide this detail,	LAD	No reference on sheet AE121 for CJ2.10. Perhaps this is a reference to CJ2.10 the OPD sheets? Detail CJ2.10 is added to sheet A519.A.
B027	2/24/2026	Brady West Inc	#026	E1 & E2/AE520 Soffit details refer to drawing AE516 for the diagonal brace connection however, there is no detail for the top track connection at the deck. Please provide a top track detail for suspended soffits.	LAD	Connection at deck for top track and stud fastening for suspended soffits may follow detail A5/AE515. Provide (2) fasteners each side per graphic for connection of stud to top track.
B028	2/24/2026	Brady West Inc	#027	Dets. A3, A5 & D5/AE515 & D1, D3 & D6/AE516 refer to Brace per schedule on ST6.01, however, this detail is not found. Please provide this detail	LAD	Detail ST6.01 is added to sheet AE517.
B029	2/24/2026	Brady West Inc	#028	Drawing AE121 shows Reception Room E1077 with no Ceiling, please confirm the Reception room E1077 DOES Receive a new ACT Clg?	LAD	Reception E1077 shall have a 2x2 grid ACT ceiling. Ceiling was turned off in error on the drawings.
B030	2/24/2026	Brady West Inc	#029	Please clarify wall heights at Walls S6L & S6A & S4A between Rooms E1047, E1047A, E1049A, E1049, E1049B & E1076 per Wall Types these extend to the structure (approx. 30' H. at this location), however, per sections on A1 & D1/AE301 these terminate at approx. 12' H. with the existing Vaulted ceiling to remain above. Provide bracing detail for these alls if they terminate at 12' and bracing is required.	LAD	Refer to response to B0028.
B031	2/24/2026	Brady West Inc	#030	Please clarify wall heights at Walls S6L & S6A between Rooms E1022A, E1047B per Wall Types these extend to the structure (approx. 15' H. at this location), however, per sections on D1/AE301 these terminate at approx. 12' H.	LAD	Section is graphical. Design intent is to extend the walls to structure above per the wall type descriptions on AE511.
B032	2/24/2026	Brady West Inc	#031	Please confirm the 1-hour Wall (1S4A) between rooms E1076 & E1077 will go full height to the 30' Deck and penetrate the xisting vaulted ceiling shown on A1/AE301. There is no section showing this wall and all other walls at the vaulted ceiling terminate at approx. 12' AFF per the sections on AE301.	LAD	Refer to detail AEA1/AE520 for continuation of rating above the ceiling. This detail is referenced on the remodel plan AE111 in this area.
B033	2/24/2026	Brady West Inc	#032	Det. A3/S003 Pony Wall support notes "Post per plan" for locations, this detail is referenced on A6/AE401 at Control rooms C1, C3, F1 & F3/AE402 & at C5/AE403 & at B3/AE403 however, they are not shown on the plans (S111 for example), please provide the post spacing for these details	ABS Engineers / LAD	Detail A3/S003 are installed at pony walls where located on structural plan S111. Attached is an added structural detail C1/S003 for counter support brackets which would be installed at all of the referenced room elevations. Support backet per Keynote IE24 and per detail B4/AE561 shall reference to bracket design in detail C1/S003. Provide 45deg closed face chamfer at brace end facing counter edge per B4/AE561. Spacing shall be as noted in the elevations on AE402.
B034	2/24/2026	Brady West Inc	#033	Det. A1/AE515 Note #2 refers to ST5.01 detail, however, this detail is not found. Please provide this detail	LAD	Eliminate Note #2 on A1/AE515. The reference to ST5.01 is for a flat backing detail, which is not acceptable.
B035	2/24/2026	Brady West Inc	#034	Please confirm that BP 09 - Insulation & Drywall DOES NOT include the removal of Temp. Walls or patching after removal	LAD	Per Demolition Sheet Notes on AD111, Note #16, existing finishes to remain that are affected by demolition work shall be patch to match the original condition. This includes removal of temp walls and patching after removal.
B036	2/24/2026	Brady West Inc	#035	Det. D1/AE514 Note #4 & A3/AE514 refers to ST3.00 detail, however, this detail is not found. Please provide this detail	LAD	Detail ST3.00 and referenced design assumptions in Note #4 in ST3.01 are not applicable to this scope of work.

B037	2/24/2026	Brady West Inc	#036	Please confirm Temp. Wall only needs firetaping both sides of the wall.	LAD	Further clarification on question is needed.
B038	2/24/2026	Brady West Inc	#037	Please confirm all jambs and headers for temp. walls can be 20ga studs	LAD	20GA studs on the temp wall are acceptable per the approved detail A2/AE511.
B039	2/24/2026	Brady West Inc	#038	Please confirm temp. wall door openings do not require exp. anchors at the jambs	LAD	Connection of bottom track to floor may follow A2/AE511.
B040	2/24/2026	Brady West Inc	#039	Please confirm at Exist. Window Dets. A3A, B & C /AE511 (from A4/AE601) that everything is existing except the new spandrel glass and Mineral Wool insulation	LAD	Refer to response to B009
B041	2/24/2026	Brady West Inc	#040	Window Frame Types W1 & W2 on AE601 refer to details on AE551, however, this drwg does not exist. Please provide these details	LAD	Sheet AE551 is provided in the HCAi plan approved documents and amended in the Amedment #1 package.
B042	2/24/2026	Brady West Inc	#041	Please clarify Keynote CP12 on AE121, notes where gypsum boxes are removed, however, the two locations this keynote is shown has existing walls with nothing removed per the demo drawing AD151?	LAD	CP12 is referring to the patching the area where the large drywall framed light sconce boxes mounted on the furred column walls, are removed. Keynote DP01 points to these drywall sconces on AD152.
B043	2/24/2026	Brady West Inc	#042	Specification 05 40 00 calls for Delegatd Design. This project only has det. B2/AE552 1ea jamb patching condition x approx. 3' H that falls into this spec. section. Is this delegated design required for this one detail? It seems very costly to require this for such a small amount of work. Maybe the str. engineer or arch. could provide a detail and eliminate this requirement. Please advise if this is possible.	LAD	Delegated design is not required for the new door frame opening per detail B2/AE552.
B044	2/24/2026	Brady West Inc	#043	Specification 05 40 00 calls for Mockup. This project only has det. B2/AE552 1ea jamb patching condition x approx. 3' H that falls into this spec. section. Is a mockup required for this one detail? It seems very costly to require this for such a small amount of work.	LAD	A mock-up is not required for the new door frame opening per detail B2/AE552. A mock up will be needed for concurrence by the Architect and Owner on the new spandrel glass infill panel per detail A3/AE511. Provide samples matching existing spandrel panels on the building for selection, then provide a full size mockup in one window section for final approval. Confir with Architect and Owner on mock up location.
B045	2/24/2026	Brady West Inc	#044	Specification 09 22 16 calls for Delegated Design. This project is an OSPD project with several pages of OSHPD framing details (see AE513 through AE519). Also cover page GI001 under HCAI Deferred Approval Items framing specification 09 22 16 and 05 40 00 are not listed for Deferred Approval (Delegated Design). Please confirm we are to follow the details on the drawings and ddlegated design is not required.	LAD	Delegated framing design is not required if the constructed framing follows the guidelines and limitations in the pre-approved OSHPD details on the drawings.
B046	2/24/2026	Brady West Inc	#045	Metal Stud Framing Scope Item #13 calls out some detailed framing work at the Roof Parapet and floor / roof joists, however, NONE of this work is shown on the drawings. Please clarify the intent of this line item, provide detail references please ?	Bernards	Strike Item 13 on Page 3 from Bid Package 9
B047	2/24/2026	Brady West Inc	#046	Metal Stud Framing Scope Item #19 calls out some framing & supports for aluminum soffit / fascia / storefront system, however, there is no aluminum soffit / fascia shown on the drawings. Please clarify the intent of this line item, provide detail references please ?	Bernards	Strike Item 19 on Page 3 from Bid Package 10
B048	2/24/2026	Brady West Inc	#047	Metal Stud Framing Scope Item #25 calls out some elevator shaft work, however, there is no elevator shaft work shown on the drawings. Please confirm this line item does not apply to this project ?	Bernards	Strike Item 25 on Page 4 from Bid Package 11

B049	2/24/2026	Brady West Inc	#048	Metal Stud Framing Scope Item #26 calls out some temporary stair shaft work, however, there is no temporary stair shaft work shown on the drawings. Please confirm this line item does not apply to this project ?	Bernards	Strike Item 26 on Page 4 from Bid Package 12
B050	2/24/2026	Brady West Inc	#049	Please provide clear direction for what scope exactly is required for the BP 09 ALT. C. ICRA	Bernards	<p>a. Provide Pricing for the installation of ICRA Furnish and Install temp hard barriers per plans</p> <p>b. Provide Pricing for the ICRA maintenance Provide and Maintain ICRA through out the project duration. This include Sticky Mats, Dust Barriar, Sign off on ICRA signage, manage dust track outside of the temp barriers, make necessary repairs to barriers.</p> <p>c. Provide Pricing for the removal of the ICRA Remove all barriers and clean up at the end of the project.</p>
B051			#050			
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B070			#069			



ARCHITECT STAMP



CONSULTANT

CONSULTANT STAMP

KEY PLAN

REVISIONS

NO.	DESCRIPTION	DATE
1	PLAN CHECK	10/10/2023
BC1	BACK CHECK 01	04/19/2024

FILE LOG

ACTIVITY	BY
Design	Designer
Draw	Author
Check	Checker
Issue Date	2023/05/09

AGENCY APPLICATION NUMBER

S231455-33-00

AGENCY APPROVAL STAMP



BUILDING TITLE
RIVERSIDE UNIVERSITY HEALTH SYSTEM MEDICAL CENTER

PROJECT TITLE
NEW CARDIAC CATHETERIZATION LAB SUITE & HYPERBARIC FACILITY EXPANSION

RUMS-MC PROJ. NO. FM08430011869 CONSULTANT PROJ. NO. 047-10071-002

SHEET NAME
DETAILS - PARTITION

SHEET NUMBER
AE517

PARTIAL HEIGHT PARTITION WALL BRACE SPACING, SIZE AND CONNECTION SCHEDULES

DETAIL ST8.02

MAX BRACE SPACING (FT)	BRACE SIZE AND ML	S.M.S. CONNECTIONS AT BRACE ENDS	
		BOTTOM OF BRACE (TO TOP TRACK)	TOP OF BRACE (AT CONNECTION TO STRUCTURE)
0.25-0.99	TO	(1) #10 S.M.S.	(1) #10 S.M.S.
1.00-1.25	3/8"	(1) #10 S.M.S.	(1) #10 S.M.S.
1.26-1.45	8/16"	(1) #10 S.M.S.	(1) #10 S.M.S.
1.46-1.95	7/16"	(1) #10 S.M.S.	(1) #10 S.M.S.

DETAIL ST8.03

MAX BRACE SPACING (FT)	BRACE SIZE AND ML	S.M.S. CONNECTIONS AT BRACE ENDS	
		BOTTOM OF BRACE (TO TOP TRACK)	TOP OF BRACE (AT CONNECTION TO STRUCTURE)
0.25-0.99	8	(1) #10 S.M.S.	(1) #10 S.M.S.
1.00-1.25	7	(1) #10 S.M.S.	(1) #10 S.M.S.
1.26-1.45	6.5	(1) #10 S.M.S.	(1) #10 S.M.S.
1.46-1.95	5.5	(1) #10 S.M.S.	(1) #10 S.M.S.

DETAIL ST8.04

MAX BRACE SPACING (FT)	BRACE SIZE AND ML	NUMBER OF S.M.S. AT TOP AND BOTTOM OF BRACE	
		TOP OF BRACE	BOTTOM OF BRACE
0.25-0.99	8/16"	(1) #10 S.M.S.	(1) #10 S.M.S.
1.00-1.25	8	(1) #10 S.M.S.	(1) #10 S.M.S.
1.26-1.45	5.5	(1) #10 S.M.S.	(1) #10 S.M.S.
1.46-1.95	5.5	(1) #10 S.M.S.	(1) #10 S.M.S.

NOTES:
1. THESE TABLES ARE BASED ON THE FOLLOWING DESIGN CRITERIA:
A. DEMAND LOADS PER S.T.11.
B. 8 FT MAX PARTITION WALL HEIGHT.
C. MAX BRACE LENGTH PER S.T.02 OR S.T.03.
D. LIMIT OF 1/4" TO 200 WEIGHT.
E. L=1.0, EFFECTIVE LENGTH FACTOR.
F=MINIMUM RADIUS OF CURVATURE OF STUD (INCHES).
R=MINIMUM RADIUS OF CURVATURE OF STUD (INCHES).
2. RDP IN RESPONSIBLE CHARGE SHALL DESIGN FOR OTHER CONDITIONS.

REVISION: STANDARD PARTITION WALL DETAILS
PARTIAL HEIGHT PARTITION WALL BRACE SPACING, SIZE AND CONNECTION SCHEDULES
SHEET NO. ST6.01

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BOTTOM TRACK CONNECTION TO LWC ON METAL DECK FASTENER MAX SPACING SCHEDULE

DETAIL ST8.02

MAX PARTITION WALL HEIGHT	MINIMUM FASTENER SPACING IN INCHES AT BOTTOM CONNECTION	MINIMUM FASTENER SPACING IN INCHES AT BOTTOM CONNECTION			
		1/2" EPW ANCHOR	1/2" EPW ANCHOR	1/2" EPW ANCHOR	1/2" EPW ANCHOR
9 FT	0.25-0.99	18	18	18	18
	1.00-1.25	18	18	18	18
	1.26-1.45	18	18	18	18
12 FT	0.25-0.99	18	18	18	18
	1.00-1.25	18	18	18	18
	1.26-1.45	18	18	18	18
16 FT	0.25-0.99	18	18	18	18
	1.00-1.25	18	18	18	18
	1.26-1.45	18	18	18	18

NOTES:
1. SEE ST1.01 & ST1.02 FOR PAF REQUIREMENTS.
2. SEE ST1.03 & ST1.04 FOR EXPANSION ANCHOR REQUIREMENTS.
3. SEE ST1.09 & ST1.10 FOR SCREW ANCHOR REQUIREMENTS.

REVISION: STANDARD PARTITION WALL DETAILS
BOTTOM TRACK CONNECTION TO LWC ON METAL DECK FASTENER MAX SPACING SCHEDULE
SHEET NO. ST8.02

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C5 ST8.02 BOTTOM TRACK CONNECTION TO NWC SLAB FASTENER MAX SPACING SCHEDULE SCALE: 3" = 1'-0"

BOTTOM TRACK CONNECTION TO NWC SLAB FASTENER MAX SPACING SCHEDULE

DETAIL ST8.03

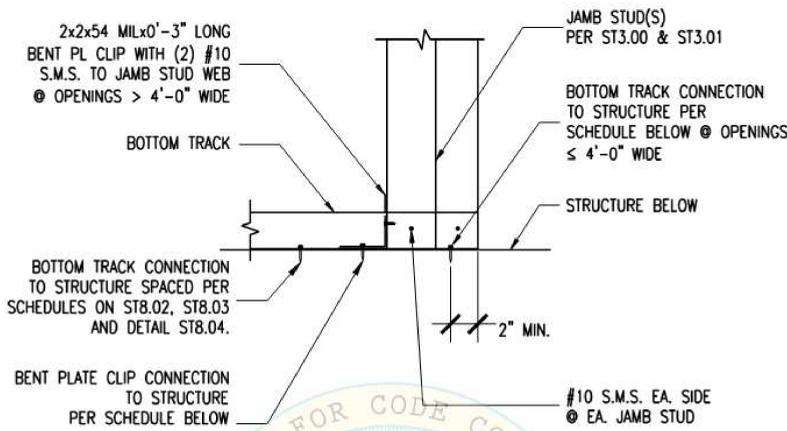
MAX PARTITION WALL HEIGHT	MINIMUM FASTENER SPACING IN INCHES AT BOTTOM CONNECTION	MINIMUM FASTENER SPACING IN INCHES AT BOTTOM CONNECTION			
		1/2" EPW ANCHOR	1/2" EPW ANCHOR	1/2" EPW ANCHOR	1/2" EPW ANCHOR
9 FT	0.25-0.99	18	18	18	18
	1.00-1.25	18	18	18	18
	1.26-1.45	18	18	18	18
12 FT	0.25-0.99	18	18	18	18
	1.00-1.25	18	18	18	18
	1.26-1.45	18	18	18	18
16 FT	0.25-0.99	18	18	18	18
	1.00-1.25	18	18	18	18
	1.26-1.45	18	18	18	18

NOTES:
1. SEE ST1.01 & ST1.02 FOR PAF REQUIREMENTS.
2. SEE ST1.03 & ST1.04 FOR EXPANSION ANCHOR REQUIREMENTS.
3. SEE ST1.09 & ST1.10 FOR SCREW ANCHOR REQUIREMENTS.

REVISION: STANDARD PARTITION WALL DETAILS
BOTTOM TRACK CONNECTION TO NWC SLAB FASTENER MAX SPACING SCHEDULE
SHEET NO. ST8.03

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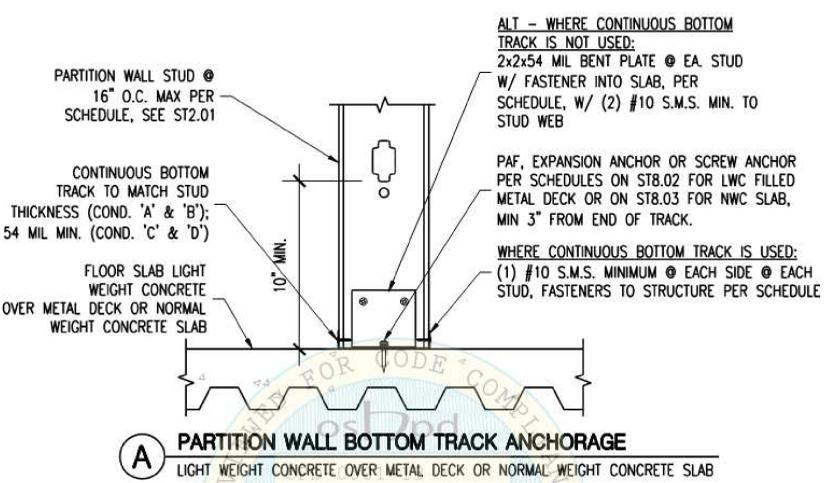
A5 ST8.03 BOTTOM TRACK CONNECTION TO NWC SLAB FASTENER MAX SPACING SCHEDULE SCALE: 3" = 1'-0"



OPENING SIZE	JAMB STUD BOTTOM TRACK CONNECTION TYPE	CONNECTION TO STRUCTURE (THROUGH BENT PL CLIP OR THROUGH BOTTOM TRACK)
≤ 4'-0"	BOTTOM TRACK CONNECTION TO STRUCTURE (NO CLIP REQUIRED)	(3) PAF (1) 3/8" x 2" EMBED EXPANSION ANCHOR (1) 3/8" x 2 1/2" EMBED SCREW ANCHOR (2) #10 WOOD SCREWS
>4'-0" TO ≤ 10'-0"	BENT PL CLIP CONNECTION TO STRUCTURE	(1) 3/8" x 2" EMBED EXPANSION ANCHOR (1) 3/8" x 2 1/2" EMBED SCREW ANCHOR (3) #10 WOOD SCREWS

NOTE:
1. BOTTOM CONNECTION @ JAMBS AT PARTITION WALL CONDITION 'A', ALL S₀₅ CATEGORIES.

A4 ST8.05 BOTTOM TRACK CONNECTION AT JAMBS - PARTITION WALL CONDITION 'A' SCALE: NTS



A PARTITION WALL BOTTOM TRACK ANCHORAGE LIGHT WEIGHT CONCRETE OVER METAL DECK OR NORMAL WEIGHT CONCRETE SLAB

- NOTES:
1. SEE ST1.01 & ST1.02 FOR PAF REQUIREMENT AND ST1.03 & ST1.04 FOR EXPANSION ANCHOR REQUIREMENTS AND ST1.09 & ST1.10 FOR SCREW ANCHOR REQUIREMENTS.
2. SEE ST8.05 FOR ANCHORAGE @ JAMBS.
3. FOR LIGHT WEIGHT CONCRETE OVER METAL DECK, SEE ST8.02 FOR FASTENER TO SLAB SCHEDULE.
4. FOR NORMAL WEIGHT CONCRETE SLAB, SEE ST8.03 FOR FASTENER TO SLAB SCHEDULE.
5. SEE ST2.01 FOR PARTITION WALL STUD SCHEDULE.

A1 ST8.01 BOTTOM TRACK CONNECTION TO LWC ON METAL DECK OR NWC SLAB - ALL PARTITION WALL CONDITIONS SCALE: NTS

7/12/2024 2:44:48 PM Autodesk Docs\1047-10071-002_RUMS-STO-1_RUMS-STO-1_Riverside_Health_Care_Lab_RUMS-2ND-CATH-LAB-ARCH-INT



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ARCHITECT STAMP



CONSULTANT

CONSULTANT STAMP

KEY PLAN

REVISIONS

NO.	DESCRIPTION	DATE
BC1	BACK CHECK 02	07/12/2024

FILE LOG

ACTIVITY	BY
Design	Designer
Check	Author
Draw	Checker
Issue Date	2023/05/09

AGENCY APPLICATION NUMBER

S231455-33-00

AGENCY APPROVAL STAMP



BUILDING TITLE

RIVERSIDE UNIVERSITY HEALTH SYSTEM MEDICAL CENTER

PROJECT TITLE

NEW CARDIAC CATHETERIZATION LAB SUITE & HYPERBARIC FACILITY EXPANSION

RUMS-MC PROJ. NO.

FM08430011869

CONSULTANT PROJ. NO.

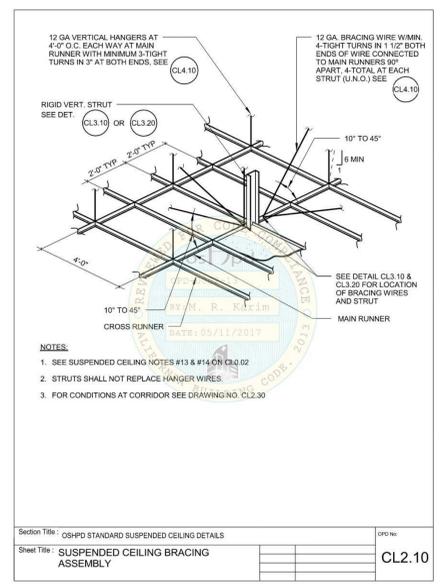
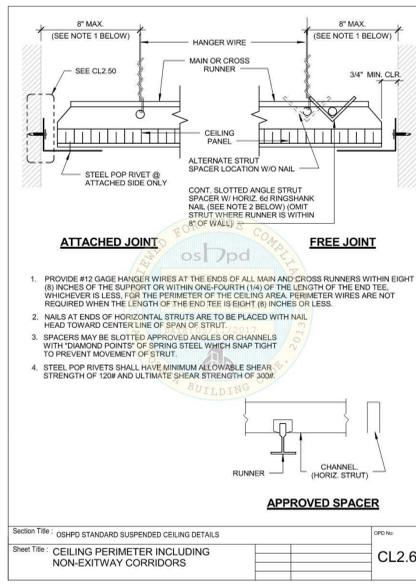
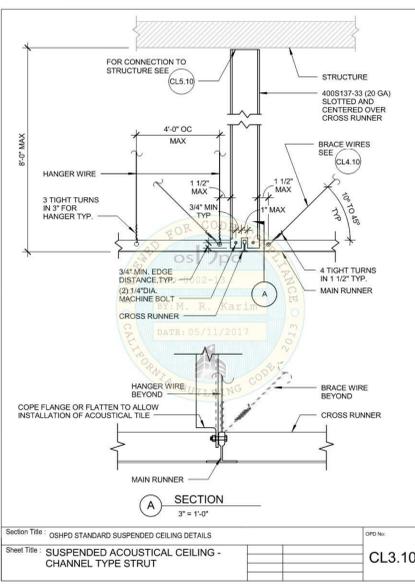
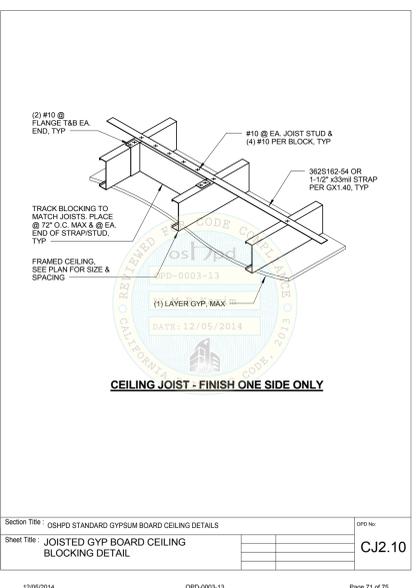
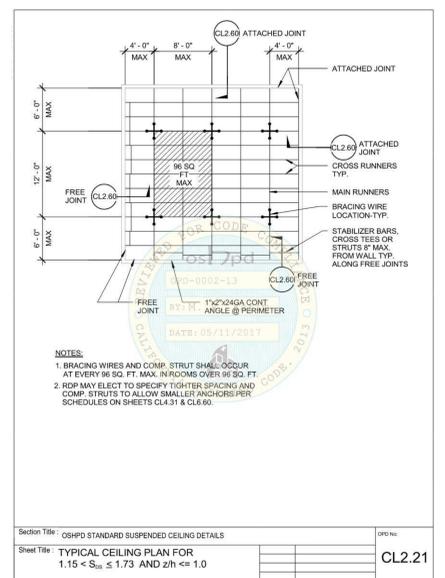
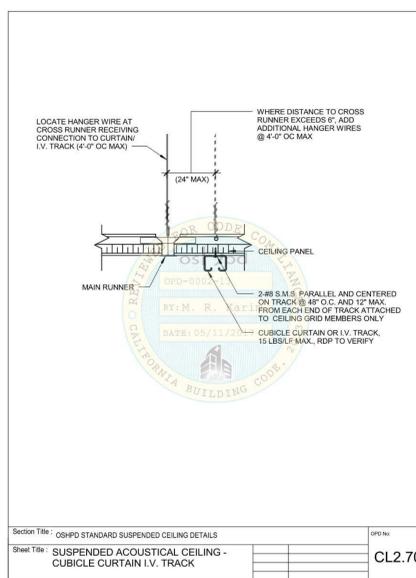
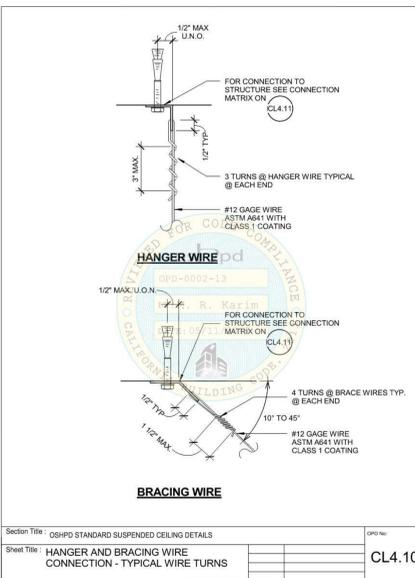
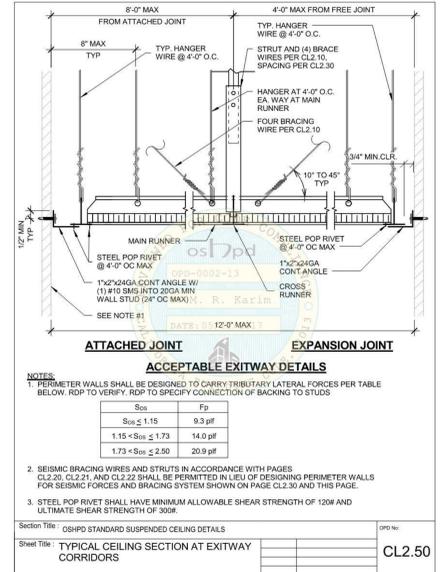
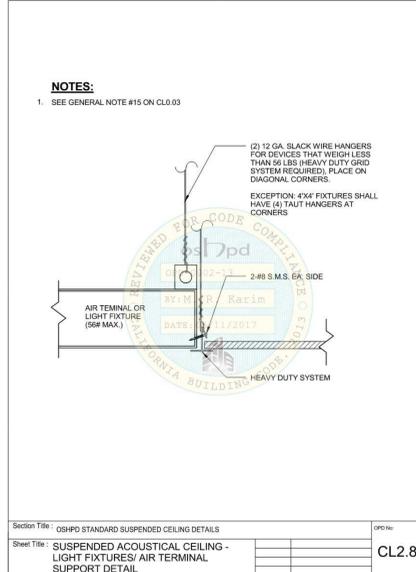
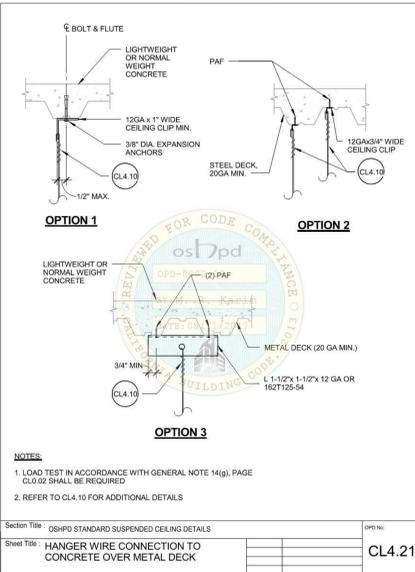
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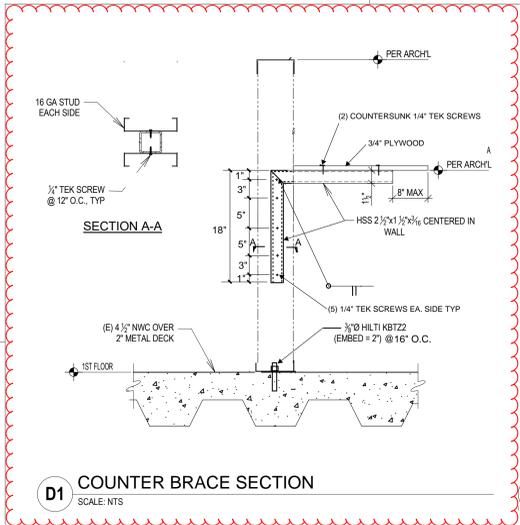
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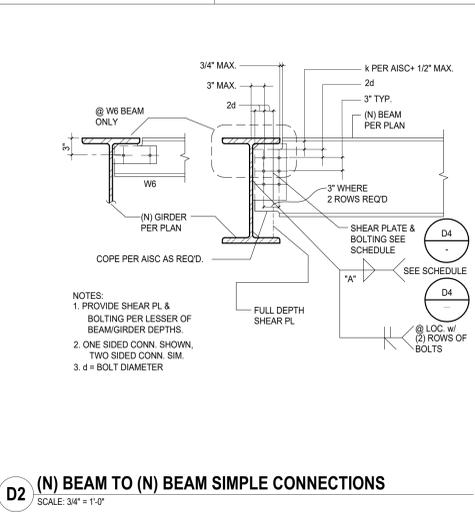
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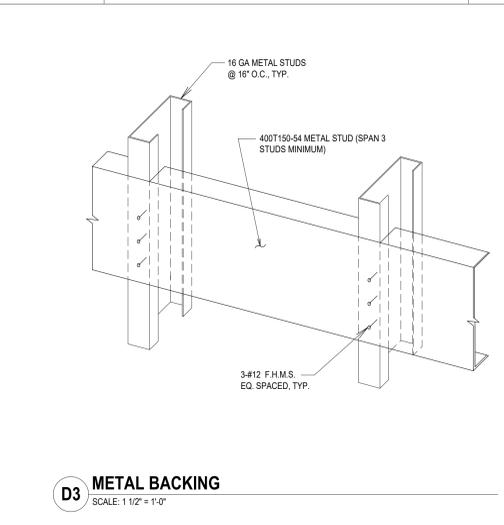
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D1 COUNTER BRACE SECTION
SCALE: NTS



D2 (N) BEAM TO (N) BEAM SIMPLE CONNECTIONS
SCALE: 3/4" = 1'-0"

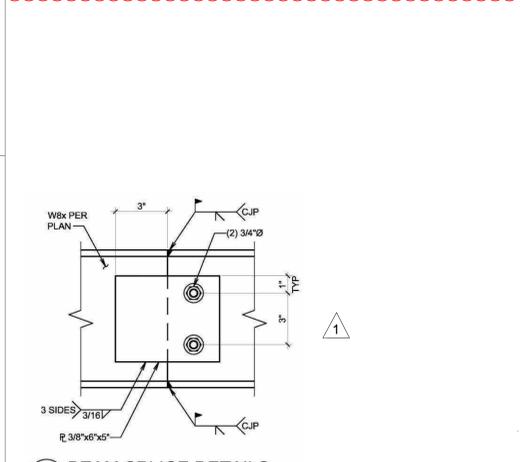


D3 METAL BACKING
SCALE: 1 1/2" = 1'-0"

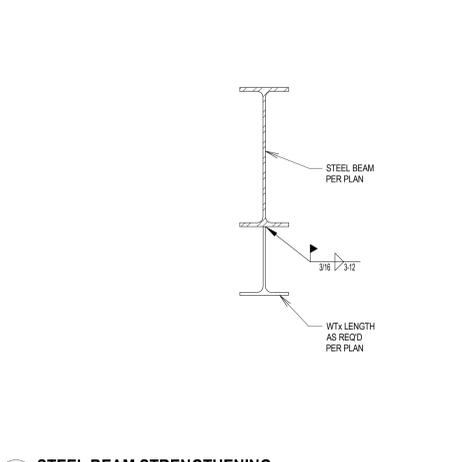
NOMINAL BEAM/GIRDER DEPTH (1)	MINIMUM PLATE LENGTH (IN)	SHEAR PLATE THICKNESS (IN)	NUMBER OF VERTICAL ROWS OF BOLTS	NUMBER OF BOLTS PER ROW	BOLT DIAMETER (IN) (2)	EDGE DISTANCE (IN)	WELD "A" (2)	ASD DESIGN SHEAR STRENGTH (KIPS)	REMARKS
W6x	6	3/8	1	2	3/4	1 1/2	1/4	8	
W12x & C12	9	3/8	1	3	3/4	1 1/2	1/4	16	
W14x	11	3/8	1	3	1	1 1/2	1/4	29	
W16x	13	1/2	1	4	1	1 1/2	1/4	47	
W18x	15	1/2	1	4	1	2	1/4	47	
W21x	18	1/2	1	5	1 1/8	2	1/4	75	
W24x	20	1/2	1	6	1 1/8	2	1/4	91	
W27x	24	3/4	2	7	1 1/8	2	3/8	217	
W30x	26	1 1/2	2	6	1 1/2	2	1/2	298	

D4 SHEAR PLATE BOLTING SCHEDULE
SCALE: 3/4" = 1'-0"

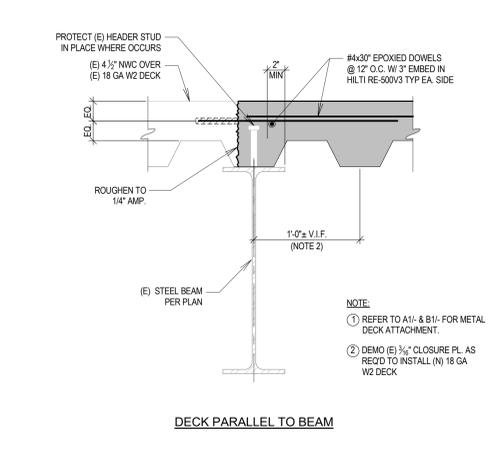
- NOTES:
- BEAM CONNECTION SIMILAR TO W BEAM OF SAME DEPTH.
 - PROVIDE STANDARD AISI-C ROUNDED HOLES IN SHEAR PLATE.
 - PROVIDE THE LARGER OF WELD INDICATED & AWS MINIMUM.
 - WELD "A" SHALL BE FILED WELD ON BOTH SIDES. WELD "A" CAN BE SUBSTITUTED WITH C.P. GROOVE WELD WITH BACKING BAR REMOVED.
 - ALL BOLTS ARE A325 BOLTS PER GENERAL NOTES.
 - CONNECTION PLATE IS CONFORMING TO A992 OR A572 GRADE 50. Fy=50 KSI, Fu=65 KSI.



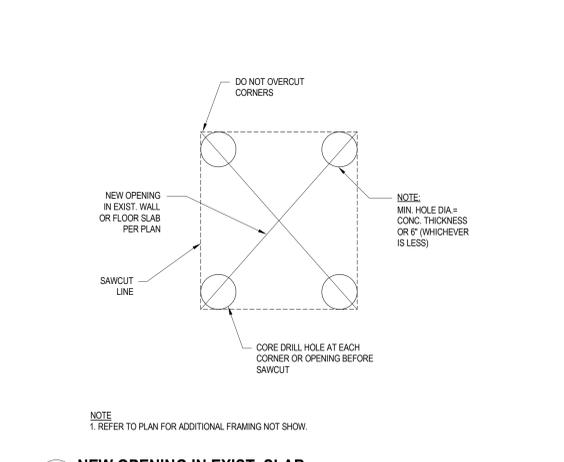
C1 BEAM SPLICE DETAILS
SCALE: NONE



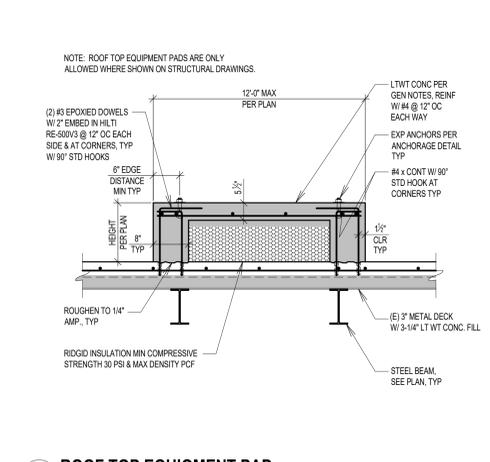
C2 STEEL BEAM STRENGTHENING
SCALE: 1 1/2" = 1'-0"



C3 METAL BACKING
SCALE: 1 1/2" = 1'-0"



C4 NEW OPENING IN EXIST. SLAB
SCALE: 3/4" = 1'-0"

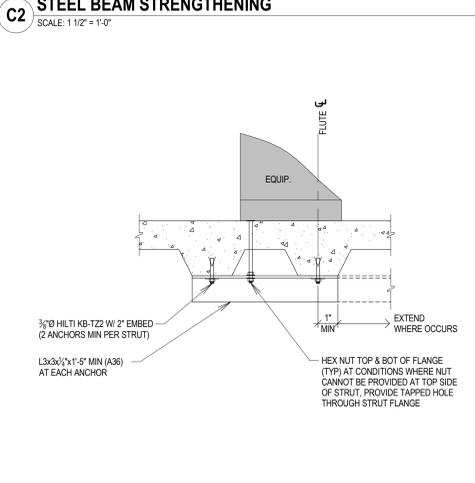


C5 ROOF TOP EQUIPMENT PAD
SCALE: 3/4" = 1'-0"

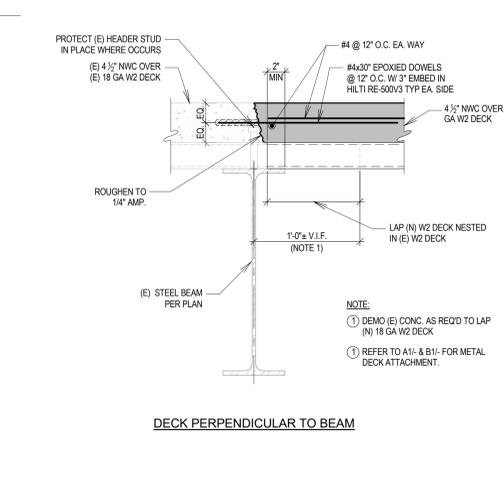
VERCO DECK DEPTH AND SECTION TYPE	DECK WELDS, SEE (A)	WELD (B)	SIDELAP ATTACHMENT
W2	3	12"	1-1/2" TSW

SECTION PROPERTIES (PER FOOT OF WIDTH)				
Type	Gauge	Depth	I (in ⁴)	S (in ³)
W2	18	2"	555	0.51

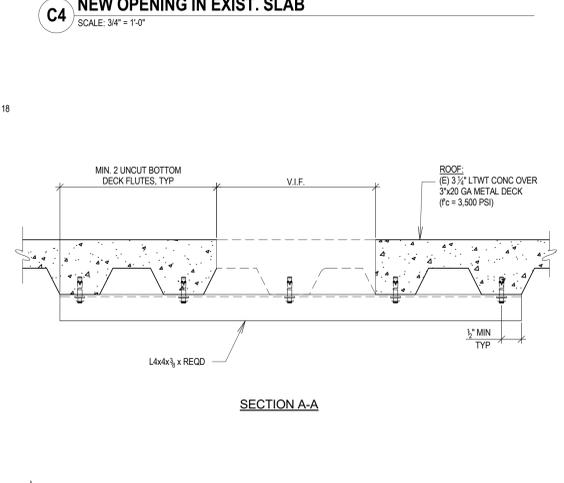
B1 METAL DECK PROPERTIES
SCALE: NTS



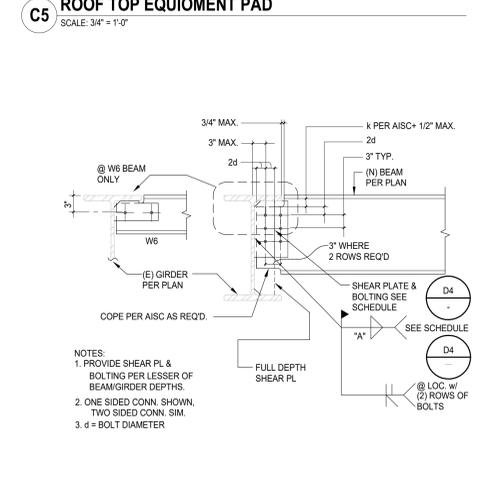
B2 THRU BOLT STRUT DETAIL
SCALE: 1 1/2" = 1'-0"



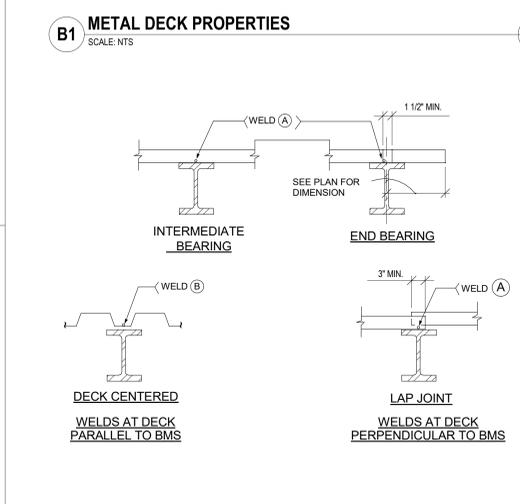
B3 FLOOR DECK INFILL
SCALE: 1 1/2" = 1'-0"



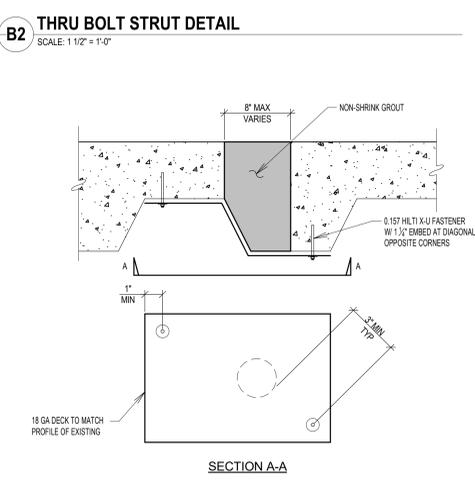
B4 FLOOR / ROOF PENETRATION SLAB STRENGTHENING
SCALE: 1 1/2" = 1'-0"



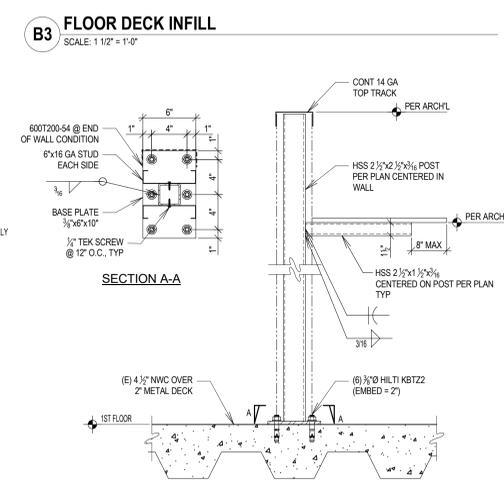
B5 (N) BEAM TO (E) GIRDER SIMPLE CONNECTIONS
SCALE: 3/4" = 1'-0"



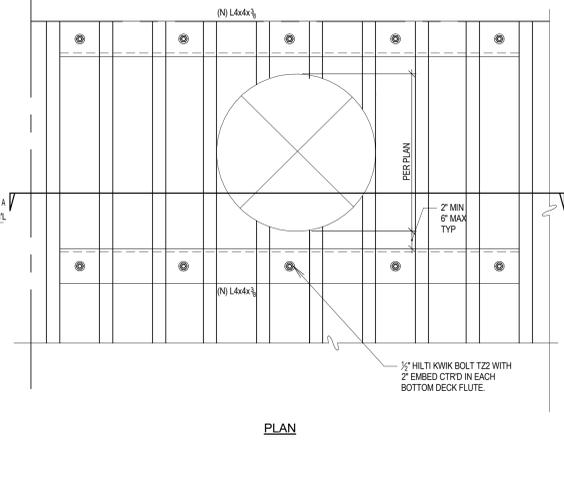
A1 METAL DECK WELDING
SCALE: NTS



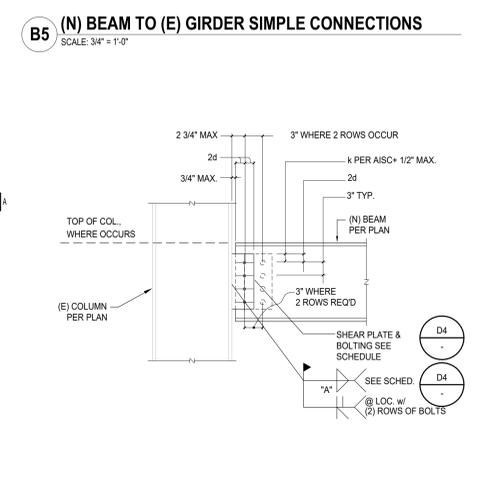
A2 INFIL OF SMALL SLAB OPENING
SCALE: 3" = 1'-0"



A3 PONY WALL SECTION
SCALE: NTS



A4 FLOOR / ROOF PENETRATION SLAB STRENGTHENING
SCALE: 1 1/2" = 1'-0"



A5 (N) BEAM TO (E) COLUMN FLANGE SIMPLE CONNECTIONS
SCALE: 3/4" = 1'-0"

Riverside University HEALTH SYSTEM

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REGISTERED PROFESSIONAL ENGINEER
TRACY R. RICHARDS
NO. 4551
STRUCTURAL
STATE OF CALIFORNIA

KEY PLAN

REVISIONS

NO.	DESCRIPTION	DATE
NO.	PLAN CHECK	10/10/2023
BC1	BACK CHECK 01	04/19/2024
BC2	BACK CHECK 02	07/03/2024

FILE LOG

ACTIVITY	BY
Design	Designer
Draw	Author
Check	Checker
Issue Date	Issue Date

AGENCY APPLICATION NUMBER

S

AGENCY APPROVAL STAMP

BUILDING TITLE

RIVERSIDE UNIVERSITY HEALTH SYSTEM MEDICAL CENTER

PROJECT TITLE

CARDIAC CATHETERIZATION LABORATORY SUITE PROJECT

RMHS-AC PROJ. NO. FM08430011869

CONSULTANT PROJ. NO. 047-10071-002

SHEET NAME

TYPICAL DETAILS

SHEET NUMBER

S003

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