

H&R #: C25100

SAMPLE PROJECT 2025 - CL List

FAB #:25200

CL No	Date	HRD Detailer Initials	Design Reference	Seq Zone Area	Stage	H&R SK#	Question	H&R RFI#	Date Sent	Resp by	Response	Status C - Closed O - Open	Response date	Work Done by HRD	Additional Notes
1	2/2/24	NET	General				Refer to structural drawing S002, under Structural notes point #2, The structural tube grade is mentioned as ASTM A1085 Gr A. whereas refer specification page 051200-6, point 2.2 D states cold formed HSS as ASTM A500 grade C. Please confirm which one is to be followed				Provide ASTM A500 Grade C HSS. Note J2 on sheet S002 will be updated in the 90% design drawing.	C - Closed	02/07/24		Sent email to Sonny 02.02.24 (9:30am)
2	2/2/24	NET	General				Refer to structural drawing S002, under Structural notes point #2, the structural pipe grade is mentioned as ASTM A501 or ASTM A53 gr B. Also specification page 051200-6, point 2.2 E states steel pipe as A53-Gr B. So please confirm shall we follow ASTM A53 GrB for steel pipe				Confirmed. Please provide ASTM A53 Grade B Pipe for all structural application.	C - Closed	02/07/24		Sent email to Sonny 02.02.24 (9:30am)
3	2/2/24	NET	Anchor bolt		Approval	01	Refer to base plate schedule, it has been mentioned as "HEADED" for anchor rods. Now refer to standard anchor rod detail A4/S820, note #9 states "Headed rod may be substituted with threaded embedded end and heavy hex nut.....". Note, Structural steel notes J.3 on drawing S100, states "All bolts set in concrete shall be furnished with double nuts.....". Also refer to section E1 & G4 on drawing S600 shows anchor rod with double nut at embedded end. So we intend to follow anchor rod with threaded embedded end and heavy hex nuts, please confirm				Threaded anchor rods with double heavy hex nuts and plate washers as shown in detail A4/S820 are acceptable.	C - Closed	02/07/24		Sent email/SK#01 to Sonny 02.02.24 (9:30am)
4	2/2/24	NET	Anchor bolt		Approval	01	Refer to base plate schedule, the anchor rod grade is given as F1554-GR 36, GR 55 & GR 105. Now refer to project info sheet received on 01/31/24, it has been mentioned under "PDM items to be aware of:" as All set anchor bolts to be all thread and grade F1554-55, PDM stocks this grade". Based on this please confirm F1554 GR 36 & GR 105 mentioned in base plate schedule can be replaced with F1554 GR 55 - All threaded rod.				F1554 grade 55 anchors may be used where grade 36 is indicated. Grade 55 anchors may not be substituted for grade 105 anchors.	C - Closed	02/07/24		Sent email/SK#01 to Sonny 02.02.24 (9:30am)
5	2/5/24	NET	A540		Approval	02	Refer to detail A2 and A3/A540, pan plate thickness given as 1/8" thick. Please confirm shall we follow 12 gage pan plate or 1/8" thick pan plate				Provide 1/8" thick pan as shown in the details referenced unless performance requirement require thicker pans. see specification 055113 for additional requirements	C - Closed	02/20/24		
6	2/5/24	NET	A540		Approval	02	There is no stringer information shown for Egress Stair ST-01 (A451), Egress stair ST-14 (A452) and Egress stair ST-13 (A456). So, Please confirm shall we follow C12x20.7 stringer size. (Note : For stair ST-02 (A453), ST-03 (A454) and ST-04 (A455), the stringer size given in structural dwg S520 as HSS12x3. We will follow the same for these stair) Refer to PDM standard shows "When the stair is a long run they will field attach the rails". Based on this please confirm shall we field weld the guardrail to the stair stringer.				Stair ST-01, ST-13 and ST-14 are a delegated design in accordance with specification 05 5113. The specialty structural engineer may select engineer may select the stringer size in coordinate with the architectural drawings. Stair ST-02, ST-03 and ST-04 are designed by HNTB structural, and shall be constructed as shown in the structural drawings	C - Closed	02/20/24		
7	2/5/24	NET	A540		Approval	02	Refer to PDM standard shows "When the stair is a long run they will field attach the rails". Based on this please confirm shall we field weld the guardrail to the stair stringer.				Refer CL #11 sketch #04 for updated question	C - Closed	02/12/24		
8	2/5/24	NET	A540		Approval	02	With reference to railing arrangement, confirm the below points a) Top Rail, Intermediate rails and post: Refer to Specification received on 01/31/24, states rail & post are 1 1/2 square. Whereas arch detail D1/A540, shown as Pipe and Tube railings and pictorially shown as round shape without section size call out. So, please confirm shall we follow Tube section per specification. If so confirm HSS 1 1/2x1 1/2x3/16 can be used or Confirm shall we follow per architectural drawing (Round pipe rail), If so confirm 1 1/4 Sch 80 for railing size b) Handrail: As per PDM preference, we are following 1 1/4 SCH 80 (1.66 O.D)				05 51138 paragraph 2.2 Metals subparagraph D steel pipe for railings and guards indicates Grade B schedule 40 pipe. A540 also references section 05 5213 which also indicates Grade A schedule 40 pipe. Both sections allow for other grades or weights if required by structural loads. Confirmed that 1.66 OD is correct for handrail.	C - Closed	02/22/24		
9	2/5/24	NET	Sequence layout		Approval	03	Refer to sequencing layout received on 01/31/24, states that, "THIS IS PRELIMINARY AND WILL NEED DISCUSSED FURTHER TO GET THE ACTUAL SEQUENCE NAMES PINNED DOWN. COULD BE A FEW MORE POSSIBLY WITH BREAKOUTS, BUT THESE AREAS ARE THE SUBMITTAL AREAS". So please confirm, shall we receive any updated information on this				Assumed sequence layout sent	C - Closed	04/18/24		
10	2/5/24	NET	Sequence layout		Approval	03	Refer to sequencing layout received on 01/31/24, the sequencing for BLUE color highlighted priority stairs does not mentioned in layout. So please provide the same			SS	Per email from Sonny (02.15.24) - "KMA RFI 7 ANSWER: Response from W/T: The stairs were supposed to be fabricated and sent out with that area of steel that they are in. The stairs are to go in with the steel so that we have access to the floors as they erect. Please have them review the schedule dates for stair erection. RECEIVED 2-9-24. RESPONSE IS FROM JOHN SMITH OF WEITZ TURNER."	C - Closed	02.15.24		Basically you can call them any sequence you want, but they want them to go with the earlier submittals. (Mail received on 02/07/27)
11	2/12/24	NET	CL #07		Approval	04	Refer to PDM standard shows "When the stair is a long run they will field attach the rails". We have yellow highlighted the work point to work point dimension of the stair flight. (Refer page #2, 3 & 4 for other 3 stairs). Based on this please confirm shall we field weld the guardrail to the stair stringer.		02.12.24		Field weld the guardrails to stringers	C - Closed	02/20/24		Sent email/SK#04 to Sonny 02.12.24 (10:00am)

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12	2/19/24	NET	S825		Approval	05	Refer to C4/S825 Anchor rod detail shows COMPONENTS BY CONTRACTOR. Highlighted two locations shows Anchors rod detail for C4/S825. So, please confirm the scope of Anchor rods.		02.21.24			O - Open			Sent email/SK#05 to Sonny 02.21.24 (11:45am)
13	2/19/24	NET	S002		Approval	06	Refer to structural dwg sheet S002 under structural steel note #4 states "ALL BOLTED BEAM AND COLUMN CONNECTIONS SHALL BE MADE WITH ASTM F 3125, GRADE A325 BOLTS AND ACCESSORIES, AND ASSUMED TO BE TYPE N, UNLESS OTHERWISE NOTED." & note #5 states "UNLESS NOTED AS SLIP-CRITICAL, ALL BOLTS SHALL BE TIGHTENED TO A SNUG TIGHT CONDITION SO THAT ALL PLIES ARE FIRMLY IN CONTACT". Also refer single plate shear connection on structural dwg S032, note #3 states "BOLTS SHALL BE TIGHTENED TO "SNUG TIGHT" REQUIREMENTS Whereas the moment connections on structural dwg S033, note #3 states BOLTS SHALL BE TIGHTENED TO "PRETENSIONED JOINT" REQUIREMENTS In this, please confirm shall we use F3125 Bolts for all connections.		02.21.24	CB	Per email from Chandra (02.26.24) - "KMA RFI 10 ANSWER: Acceptable - LEI"	C - Closed	02.26.24		Sent email/SK#06 to Sonny 02.21.24 (11:45am)
14	2/19/24	NET	PDM Standards		Approval	07	PDM standards mentioned that, paint code needs to be finalize. As per scope list received on 01/31/24, states," All items to receive one shop coat standard primer unless noted otherwise". So please confirm whether paint code is to be updated on this project.		02.21.24	CB	Per email from Chandra (02.21.24) - "User routing for finish is not required for PDM. It is by sheet in the title block for required finish."	C - Closed	02.22.24		Sent email/SK#07 to Sonny 02.21.24 (11:45am)
15	2/19/24	NET	Connection		Approval	08	Refer to the PDM seed model received at the start of the project, it calls out for F1852SC bolts for the moment connection. Now refer to moment connection details on structural dwg S033, it has been mentioned that " BOLTS SHALL BE TIGHTENED TO "PRETENSIONED JOINT" REQUIREMENTS" Based on this, please confirm shall we use F1852N bolts instead F1852SC bolts as per Seed model Note: If we use F1852 SC bolts per seed model, then we get more number of bolts. (Refer to the model snaps)		02.21.24	CB	Per email from Chandra (02.26.24) - "KMA RFI 11 ANSWER: PROVIDE F1852N BOLTS PRETENSIONED PER EOR NOTE. PROVIDE PRETENSION PER AISC TABLE J3.1-LEI"	C - Closed	02.26.24		Sent email/SK#08 to Sonny 02.21.24 (11:45am)
16	2/19/24	NET	Connection		Approval	08	Refer to the connection locations and confirm the following points 1. At locations where connection does not passes to the given load with 3/4" dia F1852N bolts (even with 2 column of bolts), we are switching to 1" dia F2280N bolts and please confirm mixing of bolts is acceptable 2. At locations where connection does not passes for the given load even with 1" dia F2280N bolts, we are in plan to ask EOR to verify the reduced load in our approval submittal, please confirm		02.21.24	CB	Per email from Chandra (02.26.24) - "KMA RFI 11 ANSWER: LOADS ARE LRFD, VERIFY THE MODEL IS SET TO LRFD ANALYSIS. SEE S032 FOR GENERAL CONNECTION NOTES. IF THIS USING LRFD ANALYSIS, THEY YES SEND RFI TO THE EOR FOR REDUCED LOADS- LEI"	C - Closed	02.26.24		Sent email/SK#08 to Sonny 02.21.24 (11:45am)
17	2/19/24	NET	Connection		Approval	09	Refer to Beam axial / shear connection on structural dwg S032, note #3 states "BOLTS SHALL BE TIGHTENED TO "SNUG TIGHT" REQUIREMENTS. In this, Please confirm shall we use F1852N bolts at axial load also Note: Due to axial load, SDS2 provides SC bolts due to short slot hole in shear tab. If we provide standard hole in shear tab, then we can use F1852N bolts, so please review and confirm (If we provide standard holes for shear plate, the plate minor mark will NOT be the Standard shear plate mark given in SDS fab setup for PDM, This is FYI)		02.21.24	CB	Per email from Chandra (02.26.24) - "KMA RFI 12 ANSWER: PROVIDE F1852N WITH STANDARD HOLES FOR AXIAL LOADS- LEI"	C - Closed	02.26.24		Sent email/SK#09 to Sonny 02.21.24 (11:45am)
18	2/27/24	NET	Anchor bolt		Approval	10	Refer to Standard Anchor Rod detail A4/S820, it shows grout thickness as 1 1/2" min. Please note the base plate schedule A1/S820 & A1/S825 calls out for anchor rod diameter from 3/4" to 2". Also the anchor rod detail calls out for the leveling nut with plate washers at bottom of base plate. As the 1 1/2" min grout is mentioned, herewith we intend to follow the below grout thickness for different anchor bolts, please confirm a) 2 grout thick for anchor rod dia 3/4 to 1 b) 3 grout thick for anchor rod dia 1 1/4 to 1 1/2 c) 4 grout thick for anchor rod dia 1 3/4 to 2		02.27.24		Markup received	C - Closed	04/15/24		Sent email/SK#10 to Sonny 02.27.24 (12:30pm)
19	2/27/24	NET	Anchor bolt		Approval	11	Refer to Anchor Rod detail C4/S825, it calls out for 3" grout for 2 1/4 anchor bolt dia. Please note the washer thickness below the base plate itself 7/8. The 3" grout will not be sufficient. So confirm shall we follow 4 grout at this location		02.27.24		Markup received	C - Closed	04/15/24		Sent email/SK#11 to Sonny 02.27.24 (12:30pm)
20	2/27/24	NET	S407		Approval	12	Refer to structural section E1/S407 & E2/S407 cut along grid line E10. Section E2 shows embed angle at both interior and exterior side of the concrete wall, whereas E1 shows embed only at the interior side of the concrete wall. So please confirm the requirement of embed at exterior of concrete wall at both the sections		02.27.24		Markup received	C - Closed	04/15/24		Sent email/SK#12 to Sonny 02.27.24 (12:30pm)
20													19		