



School Board Briefing/Proposed Action Report

Informational (no action required by Board) **Action Report** (Board will be required to take action)

DATE: September 18, 2015
FROM: Dr. Larry Nyland, Superintendent
LEAD STAFF: Dr. Lester Herndon, Associate Superintendent of Facilities & Operations,
(206) 252-0644, ltherndon@seattleschools.org

I. TITLE

BEX IV: Olympic Hills Elementary School **For Introduction:** September 9~~23~~, 2015
Replacement: Constructability Review Report **For Action:** ~~September 23~~ October 7, 2015

II. WHY BOARD ACTION IS NECESSARY

School Board approval of the Constructability Report is required as part of the Office of Superintendent of Public Instruction (OSPI) D-Form process to receive state funding assistance for the project, which is authorized in the Washington Administrative Code (WAC) 392-343-080.

III. FISCAL IMPACT/REVENUE SOURCE

Action helps to secure an estimated \$1.5 million in state funding assistance for the Olympic Hills Elementary School Project. This action does not represent a specific expenditure.

Expenditure: N/A One-time Annual Other Source

IV. POLICY IMPLICATION

Performing a constructability review report is a requirement of the OSPI State Funding Assistance Form D-9. Policy No. 6100, Revenues from Local, State, and Federal Sources, which states, “It is the policy of the Seattle School Board to pursue systematically those funding opportunities that are consistent with district priorities from federal, state, and other governmental units, as well as private and foundation sources.”

V. RECOMMENDED MOTION

I move that the School Board approve the Constructability Review Report by Cornerstone General Contractors, Inc., as complete for the Olympic Hills Elementary School Project.

VI. BOARD COMMITTEE RECOMMENDATION

This motion was discussed at the Operations Committee meeting on August 20, 2015. The Committee moved the item forward to the full Board with a recommendation for approval.

VII. BACKGROUND INFORMATION

The constructability review process is part of the systematic approach for design quality assurance. Regardless of whether this process is a requirement for State Funding Assistance, this review is undertaken as a standard practice to minimize changes during construction and to support the quality assurance of the facility design. The professional service fee for this Constructability Review Report is \$26,600.

VIII. STATEMENT OF ISSUE

A constructability review is a cost control technique that is based on a review of project construction documents by mechanical, electrical, structural, construction and design professionals prior to a request for bids. The review identified potential claim or problem areas and deficiencies that may have occurred as a result of errors, ambiguities, omissions, discrepancies, and conflicts in design documents. Constructability reviews are required by the Office of Superintendent of Public Instruction in order to receive State Funding Assistance.

IX. ALTERNATIVES

Do not approve the Olympic Hills Elementary School Constructability Review Report as complete. This is not recommended. If the Board does not acknowledge the report was completed, it would delay the issuance of the D-10 form, which authorizes the District to sign the MACC (Maximum Allowable Construction Cost) Agreement with the GC/CM (General Contractor/Construction Manager), and could impact the District's ability to receive State Funding Assistance, as well as having a negative impact on the project schedule.

X. RESEARCH AND DATA SOURCES / BENCHMARKS

WAC 392-343-080: *A constructability review is defined as a cost control technique which is based on the review of project documents by mechanical, electrical, structural, construction, and design professionals prior to a request for bids. The purpose of a constructability review is to identify potential claim or problem areas and deficiencies that may occur as a result of errors, ambiguities, omissions, discrepancies, and conflicts in design documents.*

XI. TIMELINE FOR IMPLEMENTATION / COMMUNITY ENGAGEMENT

The design of the new Olympic Hills Elementary School Project was developed by teachers, building support staff, principals, administrators, parents, and community members. This group met throughout 2013, to gather and provide information about facility use, District and School programs, and educational goals, upon which the design was based. The new Olympic Hills Elementary School Project will support the District's current educational goals as well as providing the flexibility to accommodate emerging programs.

XII. ATTACHMENTS

- Constructability Review Report
- WAC 392-343-080



GENERAL CONTRACTORS, INC.

August 12, 2015

Mr. Brad Tong
Shiels, Oblatz and Johnson
600 Fifth Ave., Ste 4130
Seattle, WA 98104

**Re: Olympic Hills Elementary School
95% OSPI Constructability Review Summary**

Mr. Tong

Cornerstone has completed its independent constructability review of the Olympic Hills Elementary School 95% Construction Documents as recommended by WAC 392-343-080 for schools larger than 50,000 square feet. This review was performed by the independent team noted in our previous correspondence dated July 3, 2015. The enclosed spreadsheet contains the questions and design team responses from McGranahan Architects for each of the constructability comments identified by the team. We understand the recommended corrections and revisions are being incorporated in the bid documents.

Please contact the undersigned should you have any questions or comments.

Sincerely,

Bryan Gormley
Cornerstone General Contractors, Inc

SEATTLE SCHOOL DISTRICT DESIGN TEAM RESPONSES

Project Name: Olympic Hills Elementary School

Construction Manager: SOJ/Cornerstone General Contractors

Consultant: Cornerstone General Contractors - Independend Constructability Review Team	Date: 8/12/15	Responses: 8/7/15	
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Reviewers: Sam Comer, Eric Scott, Colm McGlynn, Jim Teegarden (PTI) Jim Graham (Milne)		Program Documents	
		Schematic	
		Design Development	
		Construction Documents 95%	X

Drawing or Spec Ref	Item No	Volume	Constructability Review Comments	Design Team Responses	Author	Resolution Date
Page C1.1	1	Vol. 1	Detail not referenced	Stockpiling is referenced in Spec Section 311000. Although a specific stockpiling location has not been shown on the plans as this is means and methods to be determined by contractor, the detail provides guidance to required TESC protection.	Ben Hughes	08/07/15
Page C1.1	2	Vol. 1	Detail not referenced	The triangular silt dike detail has been included to provide additional options to the contractor for TESC measures.	Ben Hughes	08/07/15
Page C3.0	3	Vol. 1	Provide TW and BW elevations for this wall.	Wall profile and TW/BW elevations are detailed on Sheet L4.01 Detail F. Please advise if it is necessary to provide ASI for Phase 1b.	Ben Hughes	08/07/15
Page C3.0	4	Vol. 1	Confirm under drain system is deleted per accepted budget options.	To be confrimed through budget options log.	Ben Hughes	08/07/15
Page C3.0	5	Vol. 1	Confirm under drain system is deleted per accepted budget options.	To be confrimed through budget options log.	Ben Hughes	08/07/15
Page C3.1	6	Vol. 1	Detail not referenced	Detail is typical for all roof downspout connections. Please advise if it is necessary to provide ASI for phase 1b.	Ben Hughes	08/07/15
Page C3.2	7	Vol. 1	Detail not referenced	Detail is referenced in the above Detail 4 for the detention vault.	Ben Hughes	08/07/15
Page C3.2	8	Vol. 1	Detail not referenced	Detail is for detention vault access riser as called out in the above Detail 4 for the detention vault. Please advise if it is necessary to provide an ASI for the phase 1b contract to reference the detail.	Ben Hughes	08/07/15
Page C4.0	9	Vol. 1	Landscape drawings show the irrigation meter next to the building. Coordinate location.	Additional coordination is needed with SPS.	Ben Hughes	08/07/15

Drawing or Spec Ref	Item No	Volume	Constructability Review Comments	Design Team Responses	Author	Resolution Date
Page C5.0	10	Vol. 1	General Comment:The Civil backgrounds do not match the landscape sheet for alternate items.	Landscape alternates for seat walls, planter boxes and wooden bridge are called out and detailed on Landscape drawings. Civil drawings generally reference "per landscape" for these item. These features were not included in scope of work for Phase 1B. Please advise if it is necessary to provide ASI for the phase 1b contract.	Ben Hughes	08/07/15
Page C5.1	11	Vol. 1	Detail not referenced	Detail provided for optional use by contractor if desired to establish stable working areas/access and within the limits of the proposed pavement. Please advise if it is necessary to provide ASI to the phase 1b contract.	Ben Hughes	08/07/15
Page C5.1	12	Vol. 1	Detail not referenced	If ATB paving is used by contractor per Detail 1 of this sheet during construction, than this detail provides the requirement for the final pavement overlay as noted in the details notations.	Ben Hughes	08/07/15
Page C5.1	13	Vol. 1	Detail not referenced	Detail for concrete joints is referenced by Landscape on Sheet L1.00	Ben Hughes	08/07/15
Page C5.1	14	Vol. 1	Detail not referenced	Detail is for guidance on concrete to asphalt transitions and is typical for all at grade transitions. Please advise if it is necessary to provide ASI phase 1b contract.	Ben Hughes	08/07/15
Page C5.2	15	Vol. 1	Detail not referenced	Detail for bollards around transformer as noted in callout on Sheet C4.0. Please advise if it is necessary to provide ASI.	Ben Hughes	08/07/15
Page C5.2	16	Vol. 1	Detail not referenced	Detail is referenced on sheet C2.0 within the legend.	Ben Hughes	08/07/15
Page C5.2	17	Vol. 1	Detail not referenced	Detail is referenced in Detail 6 of this sheet and is typical for all slab on grade. Please advise if it is necessary to provide ASI.	Ben Hughes	08/07/15
Page L1.01	18	Vol. 1	Confirm extent of 4' tall fence. It's unclear where the transition to a 6' fence occurs at the entrance to the north.	Transition points of fence in different type/ length will be noted on L1.01 & L1.02.	Yen	08/04/15
Page L1.01	19	Vol. 1	Show detail or note for tie-in at to existing fence.	Propose to add a 6 foot chain link fence along north property line tied-in to restored fence along east property line and existing fence along west property line. It will be in addition to 4' height fence at top of block wall.	Yen	08/04/15

Drawing or Spec Ref	Item No	Volume	Constructability Review Comments	Design Team Responses	Author	Resolution Date
Page L1.01	20	Vol. 1	F/L4.0 shows a 24" tall wall at this location. Confirm this works with the elevation change at this location.	An additional detail will be provided on L4.00 to show the wall elevation change condition at this location.	Yen	08/04/15
Page L1.01	21	Vol. 1	F/L4.0 shows a 24" tall wall at this location. Confirm this works with the elevation change at this location.	An additional detail will be provided on L4.00 to show the wall elevation change condition at this location.	Yen	08/04/15
Page L2.02	22	Vol. 1	Extend poche for grass for full extent of ROW work.	OK.	Yen	08/04/15
Page L3.02	23	Vol. 1	This POC is shown at the far west side of the site. Revise Civil or landscape to show correct location.	POC location will be moved as shown on civil's drawings.	Yen	08/04/15
Page L3.02	24	Vol. 1	Coordinate with electrical to assure power is available at desired location.	Will coordinate controller requirements with electrical.	Yen	08/04/15
Page L4.00	25	Vol. 1	Should be K	OK.	Yen	08/04/15
Page L4.00	26	Vol. 1	Confirm multi drain has been deleted per accepted budget options.	WDG still recommends to provide multi flow drains at this location.	Yen	08/04/15
Page L4.00	27	Vol. 1	Confirm multi drain has been deleted per accepted budget options.	WDG still recommends to provide multi flow drains at this location.	Yen	08/04/15
Page L4.01	28	Vol. 1	Detail not referenced	WDG still recommends to provide multi flow drains at this location.	Yen	08/04/15
Page A0.02	29	Vol. 1	There are several wall type/size/stud spacing discrepancies between the Arch. and Structural wall type call outs. For example, in the admin area, ex. West wall conference room111e. arch says wall type 05ANA which is 2 x 10 @16"oc, struct calls out S.W. type 3A which is 2 x 8 @ 12" oc.Please Coordinate.	Understood, stud sizes will be coordinated for BID set.	benjamin.fields	07/31/15
Page A0.03	30	Vol. 1	Detail not referenced	Details are referenced in general notes on wall schedule sheet A0.02.	benjamin.fields	07/31/15
Page A0.03	31	Vol. 1	Detail not referenced	Details are referenced in general notes on wall schedule sheet A0.02.	benjamin.fields	07/31/15
Page A0.03	32	Vol. 1	Detail not referenced	Details are referenced in general notes on wall schedule sheet A0.02.	benjamin.fields	07/31/15
Page A0.03	33	Vol. 1	Detail not referenced	Detail referenced on sheet A2.23 west of grid BE and north of grid 13 between rooms 262 & 264	benjamin.fields	07/31/15
Page A0.03	34	Vol. 1	Does the pipes penetrating through the wood flooring need to be fire stopped?	Only at rated floors.	benjamin.fields	07/31/15
Page A2.11	35	Vol. 1	Provide dimension inside plumbing chase space.	Dimension added at dtl 6/A2.31.	benjamin.fields	07/31/15

Drawing or Spec Ref	Item No	Volume	Constructability Review Comments	Design Team Responses	Author	Resolution Date
Page A2.11	36	Vol. 1	Provide elevations top and bottom of ramp.	We will provide elevation at top of ramp, civil will provide elevation at bottom of ramp.	benjamin.fields	07/31/15
Page A2.11	37	Vol. 1	Should the floor be sloped around Drains (TYP.)	See floor drain detail on A9.41.	benjamin.fields	07/31/15
Page A2.11	38	Vol. 1	Should we add a detail here referencing Detail A/FS3.01?	No. Not required.	benjamin.fields	07/31/15
Page A2.11	39	Vol. 1	This detail is in the incorrect at this location	This detail has been corrected.	benjamin.fields	07/31/15
Page A2.11	40	Vol. 1	This detail is in the incorrect at this location	This detail has been corrected.	benjamin.fields	07/31/15
Page A2.11	41	Vol. 1	Provide details for ladder.	Detail will be provided.	benjamin.fields	07/31/15
Page A2.11	42	Vol. 1	This detail is incorrect. 9/A9.41?	This detail has been corrected	benjamin.fields	07/31/15
Page A2.11	43	Vol. 1	Provide dimension	Dimension will be provided.	benjamin.fields	07/31/15
Page A2.11	44	Vol. 1	This detail is incorrect.	This detail has been corrected.	benjamin.fields	07/31/15
Page A2.12	45	Vol. 1	A note should be added to explain what this cross hatching means.	Crosshatch will be removed from architectural drawings.	benjamin.fields	07/31/15
Page A2.12	46	Vol. 1	Missing sheet?	Yes, sheet provided.	benjamin.fields	07/31/15
Page A2.12	47	Vol. 1	Should this be 5'-0" for ADA access.	Clear floor space is compliant with both forward and parallel approach per 305.5 2010 ADA Standards for Accessible Design. A 5' turning space is should not be required as the space can be traveled through without the need to stop and turn around.	benjamin.fields	07/31/15
Page A2.12	48	Vol. 1	Provide Section at this location.	Section provided. See 3/A6.19. We will add bug to clarify location.	benjamin.fields	07/31/15
Page A2.12	49	Vol. 1	Is 3/A6.19 the correct section at this location.	Yes. A detail bug has been added for clarification.	benjamin.fields	07/31/15
Page A2.12	50	Vol. 1	Confirm 2'-6" dimension	Confirmed.	benjamin.fields	07/31/15
Page A2.12	51	Vol. 1	Confirm 5'-0" dimension.	Dimension should be 4'-6". We have adjusted the model to reflect this.	benjamin.fields	07/31/15
Page A2.12	52	Vol. 1	Provide dimension	Dimension has been provided.	benjamin.fields	07/31/15
Page A2.12	53	Vol. 1	Provide dimension	Dimension provided.	benjamin.fields	07/31/15
Page A2.13	54	Vol. 1	Provide dimension	Dimension will be provided	benjamin.fields	07/31/15
Page A2.13	55	Vol. 1	How are stairwells closed off behind benches?	Stairwells are closed off by the benches.	benjamin.fields	07/31/15
Page A2.13	56	Vol. 1	Not this detail	Detail has been updated.	benjamin.fields	07/31/15
Page A2.13	57	Vol. 1	Provide dimension	Dimension is provided in dimension string north of gridline 16.	benjamin.fields	07/31/15
Page A2.13	58	Vol. 1	Need layout dimensions for teaching wall features. IE Marker boards, projectors, speakers. etc.	See comments on interior elevation sheets.	benjamin.fields	07/31/15
Page A2.13	59	Vol. 1	Need layout dimensions for teaching wall features. IE Marker boards, projectors, speakers. etc.	See comments on interior elevation sheets.	benjamin.fields	07/31/15

Drawing or Spec Ref	Item No	Volume	Constructability Review Comments	Design Team Responses	Author	Resolution Date
Page A2.13	60	Vol. 1	Need layout dimensions for teaching wall features. IE Marker boards, projectors, speakers. etc.	See comments on interior elevation sheets.	benjamin.fields	07/31/15
Page A2.13	61	Vol. 1	Need layout dimensions for teaching wall features. IE Marker boards, projectors, speakers. etc.	See comments on interior elevation sheets.	benjamin.fields	07/31/15
Page A2.13	62	Vol. 1	Need layout dimensions for teaching wall features. IE Marker boards, projectors, speakers. etc.	See comments on interior elevation sheets.	benjamin.fields	07/31/15
Page A2.13	63	Vol. 1	Provide dimension	Dimension will be provided.	benjamin.fields	07/31/15
Page A2.14	64	Vol. 1	Need dimensions.	Dimensions will be provided.	benjamin.fields	07/31/15
Page A2.14	65	Vol. 1	Need dimensions.	Dimension will be provided.	benjamin.fields	07/31/15
Page A2.14	66	Vol. 1	Need layout dimensions for teaching wall features. IE Marker boards, projectors, speakers. etc.	See comments on elevation sheets.	benjamin.fields	07/31/15
Page A2.14	67	Vol. 1	Need layout dimensions for teaching wall features. IE Marker boards, projectors, speakers. etc.	See comments on elevation sheets.	benjamin.fields	07/31/15
Page A2.14	68	Vol. 1	Need layout dimensions for teaching wall features. IE Marker boards, projectors, speakers. etc.	See comments on elevation sheets.	benjamin.fields	07/31/15
Page A2.23	69	Vol. 1	Need layout dimensions for teaching wall features. IE Marker boards, projectors, speakers. etc.	See comments on elevation sheets.	benjamin.fields	07/31/15
Page A2.23	70	Vol. 1	Need layout dimensions for teaching wall features. IE Marker boards, projectors, speakers. etc.	See comments on elevation sheets.	benjamin.fields	07/31/15
Page A2.23	71	Vol. 1	Need layout dimensions for teaching wall features. IE Marker boards, projectors, speakers. etc.	See comments on elevation sheets.	benjamin.fields	07/31/15
Page A2.23	72	Vol. 1	Need layout dimensions for teaching wall features. IE Marker boards, projectors, speakers. etc.	See comments on elevation sheets.	benjamin.fields	07/31/15
Page A2.23	73	Vol. 1	Need layout dimensions for teaching wall features. IE Marker boards, projectors, speakers. etc.	See comments on elevation sheets.	benjamin.fields	07/31/15
Page A2.23	74	Vol. 1	Need layout dimensions for teaching wall features. IE Marker boards, projectors, speakers. etc.	See comments on elevation sheets.	benjamin.fields	07/31/15

Drawing or Spec Ref	Item No	Volume	Constructability Review Comments	Design Team Responses	Author	Resolution Date
Page A2.23	75	Vol. 1	Need layout dimensions for teaching wall features. IE Marker boards, projectors, speakers. etc.	See comments on elevation sheets.	benjamin.fields	07/31/15
Page A2.23	76	Vol. 1	Need layout dimensions for teaching wall features. IE Marker boards, projectors, speakers. etc.	See comments on elevation sheets.	benjamin.fields	07/31/15
Page A2.23	77	Vol. 1	Need layout dimensions for teaching wall features. IE Marker boards, projectors, speakers. etc.	See comments on elevation sheets.	benjamin.fields	07/31/15
Page A2.23	78	Vol. 1	Need layout dimensions for teaching wall features. IE Marker boards, projectors, speakers. etc.	See comments on elevation sheets.	benjamin.fields	07/31/15
Page A2.23	79	Vol. 1	Provide dimension	Dimension will be provided	benjamin.fields	07/31/15
Page A2.23	80	Vol. 1	Provide dimension	Dimension will be provided.	benjamin.fields	07/31/15
Page A2.23	81	Vol. 1	Provide dimension	Dimension will be provided.	benjamin.fields	07/31/15
Page A2.23	82	Vol. 1	Provide dimension	Dimension will be provided.	benjamin.fields	07/31/15
Page A2.23	83	Vol. 1	Provide dimension	Dimension will be provided.	benjamin.fields	07/31/15
Page A2.24	84	Vol. 1	Provide dimension	Dimension will be provided.	benjamin.fields	07/31/15
Page A2.31	85	Vol. 1	There is a symbol on the wall that is not identified. Please clarify if this is part of the scope.	Symbol will be removed from architectural drawings.	benjamin.fields	07/31/15
Page A2.31	86	Vol. 1	Compartment layout and should this be ADA accessible?	Layout will be adjusted to be compliant with front approach push side dimensions for bid documents.	benjamin.fields	07/31/15
Page A2.31	87	Vol. 1	Should this be water resistant board or some other type of backer board?	See general note 14 on sheet A0.02.	benjamin.fields	07/31/15
Page A2.31	88	Vol. 1	Call out size of all toilet compartments both ways. this includes toilet partitions. (Typ)	Dimensions provided in detail 14/A2.31.	benjamin.fields	07/31/15
Page A2.31	89	Vol. 1	Provide the size is this chase wall type 61 or 62.	Dimension will be provided.	benjamin.fields	07/31/15
Page A2.31	90	Vol. 1	4'-9 3/4" inside not including tile? should this be 5'-0" clear?	Dimensions corrected.	benjamin.fields	07/31/15
Page A2.31	91	Vol. 1	Provide wall type.	Wall type will be provided.	benjamin.fields	07/31/15
Page A3.11	92	Vol. 1	Should these lights be placed in grid?	Yes.	benjamin.fields	07/31/15
Page A3.11	93	Vol. 1	Call out all ceiling heights or changes in elevation. (Typ)Call out all ceiling heights or changes in elevation. (Typ)	Clg heights called out for clouds in commons at north end of each.	benjamin.fields	07/31/15
Page A3.11	94	Vol. 1	Will there need to be any sheetrock installed above the freezer top panel?	No.	benjamin.fields	07/31/15
Page A3.11	95	Vol. 1	Lights in conflict with diffusers.	Coordination efforts are continuing.	benjamin.fields	07/31/15
Page A3.11	96	Vol. 1	Lights in conflict with diffusers.	Coordination efforts are continuing.	benjamin.fields	07/31/15
Page A3.11	97	Vol. 1	Lights in conflict with diffusers.	Coordination efforts are continuing.	benjamin.fields	07/31/15

Drawing or Spec Ref	Item No	Volume	Constructability Review Comments	Design Team Responses	Author	Resolution Date
Page A3.11	98	Vol. 1	Make sure there is clearance for electrical motor controller.32x20 duct is going to conflict with the clearances around this shutter.Did not see power for this door shown on the E drawings.	There is adequate clearance between suspended ceiling and structure above. Detail will be generated. Power will be coordinated.	benjamin.fields	07/31/15
Page A3.11	99	Vol. 1	Make sure there is clearance for electrical motor controller.Several ducts are going to conflict with the clearances around this shutter.Did not see power for this door shown on the E drawings.	There is adequate clearance between suspended ceiling and structure above. Detail will be generated. Power will be coordinated.	benjamin.fields	07/31/15
Page A3.11	100	Vol. 1	Make sure there is clearance for electrical motor controller.Did not see power for this door shown on the E drawings.	There is adequate clearance between suspended ceiling and structure above. Detail will be generated.Power will be coordinated.	benjamin.fields	07/31/15
Page A3.11	101	Vol. 1	The Legend does not identify this material.	The legend will be updated.	benjamin.fields	07/31/15
Page A3.11	102	Vol. 1	The Legend does not identify this material.	The legend will be updated.	benjamin.fields	07/31/15
Page A3.11	103	Vol. 1	There is no fire rated ceiling shown on the RCP. Remove.	The legend will be updated.	benjamin.fields	07/31/15
Page A3.11	104	Vol. 1	The Legend does not identify this material. Is it exposed metal deck?	Yes.	benjamin.fields	07/31/15
Page A3.11	105	Vol. 1	The Legend does not identify this material.	Note OTS means open to structure. Material is exposed structural deck.	benjamin.fields	07/31/15
Page A3.11	106	Vol. 1	The Legend does not identify this material.	Note OTS means open to structure. Material is exposed structural deck.	benjamin.fields	07/31/15
Page A3.11	107	Vol. 1	Should there be a cut detail at this location.	Intent is to have gym wall and high wall to be in plane, will be adjusted.	benjamin.fields	07/31/15
Page A3.11	108	Vol. 1	Provide dimension	Dimensional control for clouds will be added.	benjamin.fields	07/31/15
Page A3.12	109	Vol. 1	Also show detail at CW.	Detail will be provided.	benjamin.fields	07/31/15
Page A3.12	110	Vol. 1	Will 2x kickers be required to frame the drop down ceiling.	Refer to structural for framing questions.	benjamin.fields	07/31/15
Page A3.12	111	Vol. 1	Provide dimension	Dimension provided on sheet A9.51.	benjamin.fields	07/31/15
Page A3.12	112	Vol. 1	Detail through ceiling step.	Detail will be provided.	benjamin.fields	07/31/15
Page A3.12	113	Vol. 1	Provide dimension	Dimension will be provided.	benjamin.fields	07/31/15
Page A3.12	114	Vol. 1	Provide dimension	Dimension will be provided.	benjamin.fields	07/31/15
Page A3.12	115	Vol. 1	Provide dimension	Dimension will be provided.	benjamin.fields	07/31/15
Page A3.12	116	Vol. 1	Provide dimension	Dimension will be provided.	benjamin.fields	07/31/15
Page A3.13	117	Vol. 1	Provide dimension	Dimension will be provided.	benjamin.fields	07/31/15
Page A3.13	118	Vol. 1	Provide dimension	Dimension will be provided.	benjamin.fields	07/31/15
Page A3.13	119	Vol. 1	Provide dimension	Dimension will be provided.	benjamin.fields	07/31/15
Page A3.13	120	Vol. 1	Dimension discrepancy with floor plan.	No clarification needed	CGC	07/31/15
Page A3.13	121	Vol. 1	Provide dimension	Not required.	benjamin.fields	07/31/15
Page A3.13	122	Vol. 1	Provide dimension	Dimension will be provided.	benjamin.fields	07/31/15

Drawing or Spec Ref	Item No	Volume	Constructability Review Comments	Design Team Responses	Author	Resolution Date
Page A3.13	123	Vol. 1	Provide dimension	Dimension will be provided.	benjamin.fields	07/31/15
Page A3.13	124	Vol. 1	Provide dimension	Dimension will be provided.	benjamin.fields	07/31/15
Page A3.13	125	Vol. 1	Provide dimension	Not required.	benjamin.fields	07/31/15
Page A3.14	126	Vol. 1	Provide dimension	Dimension will be provided.	benjamin.fields	07/31/15
Page A3.14	127	Vol. 1	Provide dimension	Dimension will be provided.	benjamin.fields	07/31/15
Page A3.14	128	Vol. 1	Provide dimension	Redundant. Not required.	benjamin.fields	07/31/15
Page A3.14	129	Vol. 1	Provide dimension	Dimension will be provided.	benjamin.fields	07/31/15
Page A3.14	130	Vol. 1	Provide dimension	Dimension will be provided.	benjamin.fields	07/31/15
Page A3.23	131	Vol. 1	Provide dimension	Dimension will be provided.	benjamin.fields	07/31/15
Page A3.23	132	Vol. 1	Provide dimension	Dimension will be provided.	benjamin.fields	07/31/15
Page A3.23	133	Vol. 1	Provide dimension	Redundant - not required.	benjamin.fields	07/31/15
Page A3.23	134	Vol. 1	Provide dimension	Dimension will be provided.	benjamin.fields	07/31/15
Page A3.23	135	Vol. 1	Provide dimension	Dimension will be provided.	benjamin.fields	07/31/15
Page A3.23	136	Vol. 1	Provide dimension	Dimension will be provided.	benjamin.fields	07/31/15
Page A3.23	137	Vol. 1	Provide dimension	Note to align w/ edge of reight will be provided.	benjamin.fields	07/31/15
Page A3.23	138	Vol. 1	Provide dimension	Dimension will be provided.	benjamin.fields	07/31/15
Page A3.24	139	Vol. 1	Provide dimension	Dimension will be provided.	benjamin.fields	07/31/15
Page A3.24	140	Vol. 1	Confirm dimensions match up with walls.	Confirmed.	benjamin.fields	07/31/15
Page A3.24	141	Vol. 1	Provide dimension	Dimension will be provided.	benjamin.fields	07/31/15
Page A3.24	142	Vol. 1	Provide dimension	Dimension will be provided.	benjamin.fields	07/31/15
Page A3.24	143	Vol. 1	Provide dimension	Dimension will be provided.	benjamin.fields	07/31/15
Page A3.31	144	Vol. 1	Detail not referenced	Will reference detail.	benjamin.fields	07/31/15
Page A3.31	145	Vol. 1	During welding this plate will warp, it will not be flat against the F mold reveal.	Detail will be updated.	benjamin.fields	07/31/15
Page A3.32	146	Vol. 1	Detail not referenced	Detail will be referenced.	benjamin.fields	07/31/15
Page A3.32	147	Vol. 1	Please correct this gap.	Gap will be corrected.	benjamin.fields	07/31/15
Page A3.32	148	Vol. 1	Break in fire wall. Also sequencing issue if Won Dor cap is installed then firewall is completed below cap. Butt jt finish issue.	Detail will be corrected.	benjamin.fields	07/31/15
Page A3.32	149	Vol. 1	Same as opposite side.	Detail will be corrected.	benjamin.fields	07/31/15
Page A3.32	150	Vol. 1	Is the head material sheet metal or plate steel	Detail will be updated.	benjamin.fields	07/31/15
Page A4.00	151	Vol. 1	Should this be 9/A4.12 sim.?	Detail callout will be revised to 10/A4.12 SIM	benjamin.fields	07/31/15
Page A4.00	152	Vol. 1	Is this the correct call out? The detail shows brick.	FCB panels are siding material at this wall.	benjamin.fields	07/31/15
Page A4.00	153	Vol. 1	A parapet cut should be added here. 3/A4.11	Detail cut will be added.	benjamin.fields	07/31/15
Page A4.00	154	Vol. 1	Provide Detail and elevation at window/panel walls (typ. all locations).	Detail will be provided. We will review heights and provide details at all parapet conditions.	benjamin.fields	07/31/15
Page A4.00	155	Vol. 1	Provide Detail and elevation at window/panel walls (typ. all locations).	Detail will be provided. We will review heights and provide details at all parapet conditions.	benjamin.fields	07/31/15

Drawing or Spec Ref	Item No	Volume	Constructability Review Comments	Design Team Responses	Author	Resolution Date
Page A4.00	156	Vol. 1	Provide Detail and elevation at window/panel walls (typ. all locations).	Detail will be provided. We will review heights and provide details at all parapet conditions.	benjamin.fields	07/31/15
Page A4.00	157	Vol. 1	Provide Detail and elevation at window/panel walls (typ. all locations).	Detail will be provided. We will review heights and provide details at all parapet conditions.	benjamin.fields	07/31/15
Page A4.00	158	Vol. 1	Provide Detail and elevation at window/panel walls (typ. all locations).	Detail will be provided. We will review heights and provide details at all parapet conditions.	benjamin.fields	07/31/15
Page A4.00	159	Vol. 1	Provide Detail and elevation at window/panel walls (typ. all locations).	Detail will be provided. We will review heights and provide details at all parapet conditions.	benjamin.fields	07/31/15
Page A4.00	160	Vol. 1	Provide Detail and elevation at window/panel walls (typ. all locations).	Detail will be provided. We will review heights and provide details at all parapet conditions.	benjamin.fields	07/31/15
Page A4.00	161	Vol. 1	Provide Detail and elevation at window/panel walls (typ. all locations).	Detail will be provided. We will review heights and provide details at all parapet conditions.	benjamin.fields	07/31/15
Page A4.00	162	Vol. 1	Provide Detail and elevation at window/panel walls (typ. all locations).	Detail will be provided. We will review heights and provide details at all parapet conditions.	benjamin.fields	07/31/15
Page A4.00	163	Vol. 1	Provide Detail and elevation at window/panel walls (typ. all locations).	Detail will be provided. We will review heights and provide details at all parapet conditions.	benjamin.fields	07/31/15
Page A4.00	164	Vol. 1	Provide Detail and elevation at window/panel walls (typ. all locations).	Detail will be provided. We will review heights and provide details at all parapet conditions.	benjamin.fields	07/31/15
Page A4.00	165	Vol. 1	Provide Detail and elevation at window/panel walls (typ. all locations).	Detail will be provided. We will review heights and provide details at all parapet conditions.	benjamin.fields	07/31/15
Page A4.00	166	Vol. 1	Please provide Work Point elevation.	Work point will be provided for walls at grid AC.	benjamin.fields	07/31/15
Page A4.00	167	Vol. 1	Please provide Work Point elevation.	Work point will be provided for walls at grid AC.	benjamin.fields	07/31/15
Page A4.00	168	Vol. 1	Confirm FIN elevation 16-8	We will check heights and detail all FIN conditions.	benjamin.fields	07/31/15
Page A4.00	169	Vol. 1	Confirm FIN elevation 24-4.Conflict with parapet ht. of 24'-10	We will check heights and detail all FIN conditions.	benjamin.fields	07/31/15
Page A4.00	170	Vol. 1	Confirm FIN elevation 24-4.Conflict with parapet ht. of 24'-10	We will check heights and detail all FIN conditions.	benjamin.fields	07/31/15
Page A4.00	171	Vol. 1	Confirm parapet ht. of 24'-10	We will check heights and detail all the parapet conditions.	benjamin.fields	07/31/15
Page A4.00	172	Vol. 1	Confirm FIN elevation 19-3.	We will check heights and detail all FIN conditions.	benjamin.fields	07/31/15
Page A4.00	173	Vol. 1	Confirm FIN elevation 19-3.	We will check heights and detail all FIN conditions.	benjamin.fields	07/31/15
Page A4.00	174	Vol. 1	Confirm FIN wall elevation 24-4.	We will check heights and detail all FIN conditions.	benjamin.fields	07/31/15
Page A4.00	175	Vol. 1	Confirm FIN elevation 19-3.	We will check heights and detail all FIN conditions.	benjamin.fields	07/31/15
Page A4.00	176	Vol. 1	Confirm FIN elevation.	We will check heights and detail all FIN conditions.	benjamin.fields	07/31/15

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Page A4.00	177	Vol. 1	Confirm FIN elevation.	We will check heights and detail all FIN conditions.	benjamin.fields	07/31/15
Page A4.00	178	Vol. 1	Confirm FIN elevation.	We will check heights and detail all FIN conditions.	benjamin.fields	07/31/15
Page A4.00	179	Vol. 1	Confirm FIN elevation.	We will check heights and detail all FIN conditions.	benjamin.fields	07/31/15
Page A4.00	180	Vol. 1	Confirm FIN elevation.	We will check heights and detail all FIN conditions.	benjamin.fields	07/31/15
Page A4.00	181	Vol. 1	Confirm FIN elevation.	We will check heights and detail all FIN conditions.	benjamin.fields	07/31/15
Page A4.00	182	Vol. 1	Confirm FIN elevation of 32-10.Conflicts with parapet ht.	We will check heights and detail all FIN conditions.	benjamin.fields	07/31/15
Page A4.00	183	Vol. 1	Confirm FIN elevation of 32-10.Conflicts with parapet ht.	We will check heights and detail all FIN conditions.	benjamin.fields	07/31/15
Page A4.00	184	Vol. 1	Confirm FIN elevation of 32-10.Conflicts with parapet ht.	We will check heights and detail all FIN conditions.	benjamin.fields	07/31/15
Page A4.00	185	Vol. 1	Confirm FIN elevation of 32-10.Conflicts with parapet ht.	We will check heights and detail all FIN conditions.	benjamin.fields	07/31/15
Page A4.00	186	Vol. 1	Confirm FIN elevation of 32-10.Conflicts with parapet ht.	We will check heights and detail all FIN conditions.	benjamin.fields	07/31/15
Page A4.00	187	Vol. 1	Confirm FIN elevation of 32-10.Conflicts with parapet ht.	We will check heights and detail all FIN conditions.	benjamin.fields	07/31/15
Page A4.00	188	Vol. 1	Provide FIN elevation	We will check heights and detail all FIN conditions.	benjamin.fields	07/31/15
Page A4.00	189	Vol. 1	Confirm FIN elevation of 32-10.Conflicts with parapet ht.	We will check heights and detail all FIN conditions.	benjamin.fields	07/31/15
Page A4.00	190	Vol. 1	Confirm FIN elevation of 32-10.Conflicts with parapet ht.	We will check heights and detail all FIN conditions.	benjamin.fields	07/31/15
Page A4.00	191	Vol. 1	Provide building section	Similar section will be noted	benjamin.fields	07/31/15
Page A4.00	192	Vol. 1	Confirm FIN elevation 19'-3".Conflicts with parapet ht.	We will check heights and detail all FIN conditions.	benjamin.fields	07/31/15
Page A4.00	193	Vol. 1	Confirm FIN elevation 17-5.	We will check heights and detail all FIN conditions.	benjamin.fields	07/31/15
Page A4.00	194	Vol. 1	Confirm FIN elevation 17-5.	We will check heights and detail all FIN conditions.	benjamin.fields	07/31/15
Page A4.00	195	Vol. 1	Confirm FIN elevation 17-5.	We will check heights and detail all FIN conditions.	benjamin.fields	07/31/15
Page A4.00	196	Vol. 1	Confirm FIN elevation of 32-10.Conflicts with parapet ht.	We will check heights and detail all FIN conditions.	benjamin.fields	07/31/15
Page A4.00	197	Vol. 1	Confirm FIN elevation of 32-10.Conflicts with parapet ht.	We will check heights and detail all FIN conditions.	benjamin.fields	07/31/15

Drawing or Spec Ref	Item No	Volume	Constructability Review Comments	Design Team Responses	Author	Resolution Date
Page A4.00	198	Vol. 1	Confirm FIN elevation of 32-10.Conflicts with parapet ht.c	We will check heights and detail all FIN conditions.	benjamin.fields	07/31/15
Page A4.00	199	Vol. 1	Confirm FIN elevation of 32-10.Conflicts with parapet ht.	We will check heights and detail all FIN conditions.	benjamin.fields	07/31/15
Page A4.00	200	Vol. 1	Confirm FIN elevation of 32-10.Conflicts with parapet ht.	We will check heights and detail all FIN conditions.	benjamin.fields	07/31/15
Page A4.00	201	Vol. 1	There is a 2" discrepancy along this parapet.	We will check heights and detail all parapet conditions.	benjamin.fields	07/31/15
Page A4.11	202	Vol. 1	Adjust material lines	Will do.	benjamin.fields	07/31/15
Page A4.11	203	Vol. 1	To help clarify Air Barrier location, add an arrow to this location from the "SEAL SCUPPER TO AIR...." note below.	Will do.	benjamin.fields	07/31/15
Page A4.11	204	Vol. 1	Is the 1/4" protect board needed at this location? Blocking can support the scupper.	We recommend consistent backing surface for roofing to be applied.	benjamin.fields	07/31/15
Page A4.11	205	Vol. 1	The Air Barrier is not shown as going over the parapet as stated below.If you do not want to add addition line over the parapet, then separate the the comment into two by removing the AND from the comment.	Will review and revise accordingly.	benjamin.fields	07/31/15
Page A4.11	206	Vol. 1	Same comments as Detail 2.	Same response.	benjamin.fields	07/31/15
Page A4.11	207	Vol. 1	Same comments as Detail 2.	Same response.	benjamin.fields	07/31/15
Page A4.11	208	Vol. 1	If this line indicates roofing membrane, it can not go behind the masonry. Sequencing issue.	Will review and revise accordingly.	benjamin.fields	07/31/15
Page A4.11	209	Vol. 1	Same comments as Detail 3	Same response.	benjamin.fields	07/31/15
Page A4.11	210	Vol. 1	For additional comments see Detail 3/A4.11	Same response.	benjamin.fields	07/31/15
Page A4.11	211	Vol. 1	These lines are confusing. I am sure they are roof tamper, but the also look like part of the scupper sheet metal.	Will review and revise accordingly.	benjamin.fields	07/31/15
Page A4.11	212	Vol. 1	Does the height to the flashing need to be a min. 8" If so it should be identified.	Will note.	benjamin.fields	07/31/15
Page A4.11	213	Vol. 1	Does the height to the flashing need to be a min. 8" If so it should be identified.	Will note - 6" min reqd.	benjamin.fields	07/31/15
Page A4.11	214	Vol. 1	What are these spacers made of, should they be called out.	Will review all canopy details with structural and revise accordingly.	benjamin.fields	07/31/15
Page A4.11	215	Vol. 1	Add Note that the length of the Fall Protection Anchors must be with the tapered roof insulation layout. One length my not work for all anchors.	Will note that roof insulation hgt varies - field verify.	benjamin.fields	07/31/15
Page A4.11	216	Vol. 1	No ladder or attachment of ladder	Will add.	benjamin.fields	07/31/15
Page A4.11	217	Vol. 1	Detail not referenced	Will reference.	benjamin.fields	07/31/15
Page A4.12	218	Vol. 1	Air Barrier will need to go on the bottom side of the nailer.	Will revise.	benjamin.fields	07/31/15

Drawing or Spec Ref	Item No	Volume	Constructability Review Comments	Design Team Responses	Author	Resolution Date
Page A4.12	219	Vol. 1	Is this a bent plate or metal deck closure? It looks like the deck will welded to to the closure metal.To eliminate the sequencing issue move the metal closure between the two nailers.	Will review and revise accordingly.	benjamin.fields	07/31/15
Page A4.12	220	Vol. 1	Same comments as Detail 1	Same response.	benjamin.fields	07/31/15
Page A4.12	221	Vol. 1	The metal flashing is not identified	Will callout.	benjamin.fields	07/31/15
Page A4.12	222	Vol. 1	Is there a Detail showing how to finish the top of the wall for perpendicular and parallel deck conditions.	Will coordinate with specification and note accordingly.	benjamin.fields	07/31/15
Page A4.12	223	Vol. 1	See comment on Detail 1	Same response.	benjamin.fields	07/31/15
Page A4.12	224	Vol. 1	Make sure this is support system that Hargis is specifying for the roof drain bowls. They have change since this typ.detail was generated.	Will do.	benjamin.fields	07/31/15
Page A4.12	225	Vol. 1	Should this be drawn as a flat bottom sump. See comment below.	Will coordinate.	benjamin.fields	07/31/15
Page A4.12	226	Vol. 1	Will the blocking in the skylight frame support the movement of the rolling shade.	Will review and revise detail accordingly.	benjamin.fields	07/31/15
Page A4.12	227	Vol. 1	Nailer for the gwb inside the skylight?	Will review and revise detail accordingly.	benjamin.fields	07/31/15
Page A4.12	228	Vol. 1	Should Fluid Applied continue across top plate?	Our intent is that wall air barrier will extend thru deck - will coordinate with structural.	benjamin.fields	07/31/15
Page A5.01	229	Vol. 1	Is this a similar detail.	Callout will be verified.	benjamin.fields	07/31/15
Page A5.02	230	Vol. 1	Missing SF15 identification?	Identification will be added.	benjamin.fields	07/31/15
Page A5.04	231	Vol. 1	Provide SF Number	Identification will be added.	benjamin.fields	07/31/15
Page A5.06	232	Vol. 1	Provide an elevation for SF 41	Elevation will be provided.	benjamin.fields	07/31/15
Page A5.06	233	Vol. 1	Provide Ht.	Ht will be provided.	benjamin.fields	07/31/15
Page A5.06	234	Vol. 1	Provide FIN type	Not a FIN, developed as a wall.	benjamin.fields	07/31/15
Page A6.01	235	Vol. 1	Joist identifier is incorrect. Wood Joist should be shown	Representation is correct, floor framing and roof framing are different.	benjamin.fields	07/31/15
Page A6.01	236	Vol. 1	Please Work Point elevation.	See 1/A6.01 for work point elevation at ridge of gymnasium.	benjamin.fields	07/31/15
Page A6.01	237	Vol. 1	Please Work Point elevation.	See work point elevation and roof slope on detail 3/A6.12.	benjamin.fields	07/31/15
Page A6.01	238	Vol. 1	Please Work Point elevations.	Work point elevation at ridge and roof slope provided in drawings. Work point elevation at eave condition not required.	benjamin.fields	07/31/15
Page A6.01	239	Vol. 1	Please Work Point elevations.	Work point elevation at ridge and roof slope provided in drawings. Work point elevation at eave condition not required. Dimension will be updated to locate this wall.	benjamin.fields	07/31/15

Drawing or Spec Ref	Item No	Volume	Constructability Review Comments	Design Team Responses	Author	Resolution Date
Page A6.01	240	Vol. 1	Please Work Point elevation.	Work point at ridge of mechanical room given in section 5/A6.01. Work point at ridge of commons given in section 3/A6.01.	benjamin.fields	07/31/15
Page A6.02	241	Vol. 1	Please provide Work Point elevations	Work point given in Wall Section 4/A6.11.	benjamin.fields	07/31/15
Page A6.02	242	Vol. 1	Please provide Work Point elevations	Work point given at ridge of roof in Building Section 2/A6.02.	benjamin.fields	07/31/15
Page A6.02	243	Vol. 1	Please provide Work Point elevation.	Work point given at Wall Section 3/A6.16.	benjamin.fields	07/31/15
Page A6.02	244	Vol. 1	Please provide Work Point elevation.	Work point given at Wall Section 3/A6.16.	benjamin.fields	07/31/15
Page A6.02	245	Vol. 1	Please provide Work Point elevation.	Work point given at Wall Section 3/A6.16.	benjamin.fields	07/31/15
Page A6.02	246	Vol. 1	Confirm T.O Parapet 24-10	We will check heights and detail all parapet conditions.	benjamin.fields	07/31/15
Page A6.02	247	Vol. 1	Please provide Work Point elevations.	Work point is given in Wall Section 3/A6.16. Slope of roof is given on Roof Plan on sheet A4.00. No work point elevation required at this location.	benjamin.fields	07/31/15
Page A6.03	248	Vol. 1	In correct joist call out.	Representation is correct, floor framing and roof framing are different.	benjamin.fields	07/31/15
Page A6.03	249	Vol. 1	In correct joist call out.	Representation is correct, floor framing and roof framing are different.	benjamin.fields	07/31/15
Page A6.03	250	Vol. 1	In correct joist call out.	Joists will be coordinated with Structural.	benjamin.fields	07/31/15
Page A6.03	251	Vol. 1	In correct joist call out.	Joists will be coordinated with Structural.	benjamin.fields	07/31/15
Page A6.03	252	Vol. 1	In correct joist call out.	Representation is correct, floor framing and roof framing are different.	benjamin.fields	07/31/15
Page A6.03	253	Vol. 1	In correct joist call out.	Representation is correct, floor framing and roof framing are different.	benjamin.fields	07/31/15
Page A6.03	254	Vol. 1	In correct joist call out.	Representation is correct, floor framing and roof framing are different.	benjamin.fields	07/31/15
Page A6.03	255	Vol. 1	In correct joist call out.	Representation is correct, floor framing and roof framing are different.	benjamin.fields	07/31/15
Page A6.03	256	Vol. 1	Complete vestibule parapet framing (Should be seen over the roof)	Framing is beyond section cut and will not show in this view.	benjamin.fields	07/31/15
Page A6.04	257	Vol. 1	Please provide Work Point elevations.	Work point elevation at ridge given in Building Section 1/A6.03.	benjamin.fields	07/31/15
Page A6.04	258	Vol. 1	Confirm T.O. Parapet 34-4	We will check heights and detail all parapet conditions.	benjamin.fields	07/31/15
Page A6.04	259	Vol. 1	Please provide Work Point elevations.	Work point at ridge of low roof given in Building Section 2/A6.03. Work point at high roof given in Wall Section 3/A6.18.	benjamin.fields	07/31/15
Page A6.04	260	Vol. 1	Provide Work Point elevations.	Work point at ridge given in Building Section 4/A6.03.	benjamin.fields	07/31/15

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Page A6.04	261	Vol. 1	Provide Work Point elevations.	Work point at ridge for high roof given 2 1/2" to the left of your comment cloud. Work point for low roof given in Wall Section 3/A6.16.	benjamin.fields	07/31/15
Page A6.04	262	Vol. 1	Provide Work Point elevations.	Work point provided in Wall Section 4/A6.17.	benjamin.fields	07/31/15
Page A6.04	263	Vol. 1	Provide Work Point elevations.	Work point provided in Wall Section 1/A6.17.	benjamin.fields	07/31/15
Page A6.05	264	Vol. 1	Provide Work Point elevations.	Work point provided in Wall Section 5/A6.21.	benjamin.fields	07/31/15
Page A6.05	265	Vol. 1	Detail not referenced	Section referenced on Sheet A4.00.	benjamin.fields	07/31/15
Page A6.11	266	Vol. 1	There is a 2" difference between these two parapet elevations. Grid 8 is also 26'-10".	We will check heights and detail all parapet conditions.	benjamin.fields	07/31/15
Page A6.12	267	Vol. 1	Page reference should be A6.12 (typ.this sheet)	Page reference will be updated.	benjamin.fields	07/31/15
Page A6.19	268	Vol. 1	Where is this section? It is not referenced on a Building Section or Floor Plan.	Detail callouts will be added to plan.	benjamin.fields	07/31/15
Page A6.19	269	Vol. 1	Where is this section? It is not referenced on a Building Section or Floor Plan.	Detail callouts will be added to plan.	benjamin.fields	07/31/15
Page A6.19	270	Vol. 1	Detail not referenced	See note above.	benjamin.fields	07/31/15
Page A6.19	271	Vol. 1	Detail not referenced	See note above.	benjamin.fields	07/31/15
Page A6.20	272	Vol. 1	Detail not referenced	Detail callout will be added to plan.	benjamin.fields	07/31/15
Page A6.22	273	Vol. 1	Detail not referenced	Detail callout will be added to plan.	benjamin.fields	07/31/15
Page A7.01	274	Vol. 1	Detail not referenced	Detail callout will be added.	benjamin.fields	07/31/15
Page A7.01	275	Vol. 1	Provide ship ladder connection details at top and bottom	Solid blocking will be coordinated with structural drawings.	benjamin.fields	07/31/15
Page A7.01	276	Vol. 1	cane detection? Guardrail?	Clarification note will be added.	benjamin.fields	07/31/15
Page A7.01	277	Vol. 1	Please clarify or remove	Section will be removed.	benjamin.fields	07/31/15
Page A7.01	278	Vol. 1	Is this a "sim." detail?	Note "OPP" will be added to clarify.	benjamin.fields	07/31/15
Page A7.01	279	Vol. 1	Please provide detail of removal rail attachment.	Detail will be added.	benjamin.fields	07/31/15
Page A7.02	280	Vol. 1	Are additional railings needed in an elementary school.	Not required.	benjamin.fields	07/31/15
Page A7.02	281	Vol. 1	Floor connection detail	Detail callout will be provided.	benjamin.fields	07/31/15
Page A7.02	282	Vol. 1	Are additional railings needed in an elementary school.	Not required.	benjamin.fields	07/31/15
Page A7.02	283	Vol. 1	Provide section cut, similar to the other ramps shown on this sheet.	No hand or guard rails at the ramp, section not required.	benjamin.fields	07/31/15
Page A7.03	284	Vol. 1	Detail not referenced	Detail is referenced on sheet A2.24.	benjamin.fields	07/31/15
Page A7.11	285	Vol. 1	Detail not referenced	Detail will be referenced.	benjamin.fields	07/31/15
Page A7.12	286	Vol. 1	This is not referenced on the section.	This is referenced in detail 5 on sheet A7.01.	benjamin.fields	07/31/15
Page A7.21	287	Vol. 1	Detail not referenced	These are typical details.	benjamin.fields	07/31/15
Page A7.21	288	Vol. 1	Detail not referenced	These are typical details.	benjamin.fields	07/31/15
Page A8.01	289	Vol. 1	What are dashed lines (Typ)	Dashed lines are metal strap backing as called out in detail 1 on sheet A8.00.	benjamin.fields	07/31/15

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Page A8.01	290	Vol. 1	GWB or glazing?	GWB. Linework will be modified for clarity.	benjamin.fields	07/31/15
Page A8.04	291	Vol. 1	Incorrect Detail.	Details will be corrected.	benjamin.fields	07/31/15
Page A8.04	292	Vol. 1	Incorrect detail.	Details will be corrected.	benjamin.fields	07/31/15
Page A8.04	293	Vol. 1	Glazing details?	Details will be corrected.	benjamin.fields	07/31/15
Page A8.04	294	Vol. 1	What is the 2x? material shown below the glazing	Electrical model will be coordinated to conceal this j-box	Cornerstone Estimating	07/31/15
Page A8.09	295	Vol. 1	Move projector to data and power?	To be coordinated with electrical drawings for bid documents.	benjamin.fields	07/31/15
Page A8.09	296	Vol. 1	Provide dimension	Not required.	benjamin.fields	07/31/15
Page A8.09	297	Vol. 1	Provide dimension	Not required.	benjamin.fields	07/31/15
Page A8.09	298	Vol. 1	Typical comments all interior relites	Typical notes will be added.	benjamin.fields	07/31/15
Page A8.10	299	Vol. 1	Need layout dimensions for teaching wall features. IE Marker boards, projectors, speakers. etc.	Dimensions will be added for bid documents.	benjamin.fields	07/31/15
Page A8.10	300	Vol. 1	Need layout dimensions for teaching wall features. IE Marker boards, projectors, speakers. etc.	Dimensions will be added for bid documents.	benjamin.fields	07/31/15
Page A8.10	301	Vol. 1	Need layout dimensions for teaching wall features. IE Marker boards, projectors, speakers. etc.	Dimensions will be added for bid documents.	benjamin.fields	07/31/15
Page A8.12	302	Vol. 1	Need layout dimensions for teaching wall features. IE Marker boards, projectors, speakers. etc.	Dimensions will be added for bid documents.	benjamin.fields	07/31/15
Page A8.12	303	Vol. 1	Need layout dimensions for teaching wall features. IE Marker boards, projectors, speakers. etc.	Dimensions will be added for bid documents.	benjamin.fields	07/31/15
Page A8.13	304	Vol. 1	Need layout dimensions for teaching wall features. IE Marker boards, projectors, speakers. etc.	Dimensions will be added for bid documents.	benjamin.fields	07/31/15
Page A8.13	305	Vol. 1	Need layout dimensions for teaching wall features. IE Marker boards, projectors, speakers. etc.	Dimensions will be added for bid documents.	benjamin.fields	07/31/15
Page A8.13	306	Vol. 1	Need layout dimensions for teaching wall features. IE Marker boards, projectors, speakers. etc.	Dimensions will be added for bid documents.	benjamin.fields	07/31/15
Page A8.14	307	Vol. 1	Need layout dimensions for teaching wall features. IE Marker boards, projectors, speakers. etc.	Dimensions will be added for bid documents.	benjamin.fields	07/31/15
Page A8.14	308	Vol. 1	Need layout dimensions for teaching wall features. IE Marker boards, projectors, speakers. etc.	Dimensions will be added for bid documents.	benjamin.fields	07/31/15

Drawing or Spec Ref	Item No	Volume	Constructability Review Comments	Design Team Responses	Author	Resolution Date
Page A9.00	309	Vol. 1	7/A9.41 vented rubber base not listed here	Not listed on A9.00. Refer to Specification 09 64 66 - 2.04 E.	benjamin.fields	07/31/15
Page A9.11	310	Vol. 1	Should Detail 7/A9.41 be added at this location.	Detail callout will be added.	benjamin.fields	07/31/15
Page A9.41	311	Vol. 1	Detail not referenced	Detail will be referenced.	benjamin.fields	07/31/15
Page A9.41	312	Vol. 1	Detail not referenced	Detail will be referenced.	benjamin.fields	07/31/15
Page A9.41	313	Vol. 1	Detail not referenced	This is a typical detail.	benjamin.fields	07/31/15
Page A9.41	314	Vol. 1	Detail not referenced	Detail will be referenced.	benjamin.fields	07/31/15
Page A9.41	315	Vol. 1	Detail not referenced	This is a typical detail.	benjamin.fields	07/31/15
Page A9.41	316	Vol. 1	Detail not referenced	Detail will be referenced.	benjamin.fields	07/31/15
Page A9.51	317	Vol. 1	Details are in conflict rollers at head, elevation shows vertical movement, jambs show sliding?	Not in conflict. Head does not show rollers.	benjamin.fields	07/31/15
Page A9.51	318	Vol. 1	What size boards	The board size is determined by the frame.	benjamin.fields	07/31/15
Page A9.51	319	Vol. 1	Detail not referenced	Detail referenced in 2/A9.51.	benjamin.fields	07/31/15
Page A9.51	320	Vol. 1	Please provide detail of mail slots	Details will be provided.	benjamin.fields	07/31/15
Page A9.52	321	Vol. 1	Detail not referenced	Detail will be referenced.	benjamin.fields	07/31/15
Page A9.52	322	Vol. 1	Detail not referenced	Detail will be referenced.	benjamin.fields	07/31/15
Page A9.52	323	Vol. 1	Please provide chase detail.	This is a partial height wall, not a chase.	benjamin.fields	07/31/15
Page A9.52	324	Vol. 1	How does this close to adjacent finishes at ends and counter top.. what type of attachment?	Concealed clip will be added to underside of counter top and a cleat will be added at the bottom to secure the bottom.	benjamin.fields	07/31/15
Page A9.52	325	Vol. 1	Are access panels required for electrical or data (Typ)?	Yes. Note will be added.	benjamin.fields	07/31/15
Page A9.52	326	Vol. 1	Detail not referenced	See note above.	benjamin.fields	07/31/15
Page A9.52	327	Vol. 1	Detail not referenced	See note above.	benjamin.fields	07/31/15
Page A10.01	328	Vol. 1	This should be A10.00?	No. This note is correct.	benjamin.fields	07/31/15
Page A10.02	329	Vol. 1	Are this dimensions to outside edge and center of mullion?	Outside edge of mullion at jamb, center of mullion w/i relite opening - typ.	benjamin.fields	07/31/15
Page A10.02	330	Vol. 1	These dimensions did not match layout on plan.	Dimensions match Enlarged Plan 13/A10.12.	benjamin.fields	07/31/15
Page A10.11	331	Vol. 1	Detail not referenced	Detail will be referenced.	benjamin.fields	07/31/15
Page A10.11	332	Vol. 1	Detail not referenced	Detail will be referenced.	benjamin.fields	07/31/15
Page A10.11	333	Vol. 1	Detail not referenced	Detail will be referenced.	benjamin.fields	07/31/15
Page A10.11	334	Vol. 1	Detail not referenced	Detail will be referenced.	benjamin.fields	07/31/15
Page A10.11	335	Vol. 1	Detail not referenced	Detail will be referenced.	benjamin.fields	07/31/15
Page A10.11	336	Vol. 1	Detail not referenced	See note above.	benjamin.fields	07/31/15
Page A10.11	337	Vol. 1	Detail not referenced	See note above.	benjamin.fields	07/31/15
Page A10.11	338	Vol. 1	Detail not referenced	See note above.	benjamin.fields	07/31/15
Page A10.11	339	Vol. 1	Detail not referenced	Detail will be referenced.	benjamin.fields	07/31/15
Page A10.11	340	Vol. 1	Detail not referenced	See note above.	benjamin.fields	07/31/15
Page A10.11	341	Vol. 1	Detail not referenced	See note above.	benjamin.fields	07/31/15
Page A10.12	342	Vol. 1	Detail not referenced	Detail will be referenced.	benjamin.fields	07/31/15

Drawing or Spec Ref	Item No	Volume	Constructability Review Comments	Design Team Responses	Author	Resolution Date
Page A10.12	343	Vol. 1	Detail not referenced	Detail will be referenced.	benjamin.fields	07/31/15
Page A10.12	344	Vol. 1	Detail not referenced	Detail will be referenced.	benjamin.fields	07/31/15
Page A10.12	345	Vol. 1	Detail not referenced	Detail will be referenced.	benjamin.fields	07/31/15
Page A10.12	346	Vol. 1	Detail not referenced	See note above.	benjamin.fields	07/31/15
Page A10.12	347	Vol. 1	Detail not referenced	See note above.	benjamin.fields	07/31/15
Page A10.12	348	Vol. 1	Detail not referenced	See note above.	benjamin.fields	07/31/15
Page A10.12	349	Vol. 1	Detail not referenced	See note above.	benjamin.fields	07/31/15
Page A10.21	350	Vol. 1	Confirm 15/A10.31 applies here.	15/A10.31 does not occur at this location.	benjamin.fields	07/31/15
Page A10.21	351	Vol. 1	Confirm 15/A10.31 applies here.	15/A10.31 does not occur at this location.	benjamin.fields	07/31/15
Page A10.21	352	Vol. 1	Is this elevation used?	Elevation not used.	benjamin.fields	07/31/15
Page A10.22	353	Vol. 1	Confirm 15/A10.31 applies here.	15/A10.31 does not occur at this location.	benjamin.fields	07/31/15
Page A10.22	354	Vol. 1	Confirm 15/A10.31 applies here.	15/A10.31 does not occur at this location.	benjamin.fields	07/31/15
Page A10.23	355	Vol. 1	Need Sheet A5.11	Sheet A5.11 has been provided.	benjamin.fields	07/31/15
Page A10.23	356	Vol. 1	Confirm Detail 15/A10.31 applies here	15/A10.31 does not occur at this location.	benjamin.fields	07/31/15
Page A10.23	357	Vol. 1	Detail 13 or 14/A10.31?	Not at this location. Detail callout will be added for correct detail.	benjamin.fields	07/31/15
Page A10.23	358	Vol. 1	Confirm 15/A10.31 applies here.	15/A10.31 does not occur at this location.	benjamin.fields	07/31/15
Page A10.23	359	Vol. 1	Confirm 15/A10.31 applies here.	15/A10.31 does not occur at this location.	benjamin.fields	07/31/15
Page A10.23	360	Vol. 1	Confirm 15/A10.31 applies here.	15/A10.31 does not occur at this location.	benjamin.fields	07/31/15
Page A10.23	361	Vol. 1	Confirm 15/A10.31 applies here.	15/A10.31 does not occur at this location.	benjamin.fields	07/31/15
Page A10.23	362	Vol. 1	Is this elevation used?	Yes. Referenced on Partial North Elevation 8/A5.04.	benjamin.fields	07/31/15
Page A10.23	363	Vol. 1	Confirm 15/A10.31 applies here.	15/A10.31 does not occur at this location.	benjamin.fields	07/31/15
Page A10.23	364	Vol. 1	Is this elevation used?	Not used.	benjamin.fields	07/31/15
Page A10.23	365	Vol. 1	Is this elevation used?	Not used.	benjamin.fields	07/31/15
Page A10.31	366	Vol. 1	Additional detailing is needed at the end of storefront to show jamb and sill flashing interface. Same at the bottom flange.	Jamb detail will be added.	benjamin.fields	07/31/15
Page A10.31	367	Vol. 1	Not sure why detail 8 is referenced.	Callout will be updated to 1/A10.31.	benjamin.fields	07/31/15
Page A10.31	368	Vol. 1	The build up of the different flashing materials around this inside corner is going to cause a large gap. Can one of the air barrier materials be eliminated?	Detail will be updated.	benjamin.fields	07/31/15
Page A10.31	369	Vol. 1	The build up of the different flashing materials around this inside corner is going to cause a large gap. Can one of the air barrier materials be eliminated?	Detail will be updated.	benjamin.fields	07/31/15
Page A10.31	370	Vol. 1	Fluid applied flashing	Correct	benjamin.fields	07/31/15
Page A10.31	371	Vol. 1	Please clarify the type of fastener to be used to attached the pre finished 2x4	Exposed fasteners per specifications painted to match.	benjamin.fields	07/31/15

Drawing or Spec Ref	Item No	Volume	Constructability Review Comments	Design Team Responses	Author	Resolution Date
Page A10.31	372	Vol. 1	Can flashing be broke in this configuration?	Line weights will be adjusted to indicate flashing components.	benjamin.fields	07/31/15
Page A10.31	373	Vol. 1	Add sealant at the metal trim and the jamb flashing	Line weights will be adjusted to indicate flashing components.	benjamin.fields	07/31/15
Page A10.31	374	Vol. 1	The build up of the different flashing materials around this inside corner is going to cause a large gap. Can one of the air barrier materials be eliminated?	Detail has been adjusted per comment on sheet A10.33.	benjamin.fields	07/31/15
Page A10.33	375	Vol. 1	Detail not referenced	Detail will be referenced.	benjamin.fields	07/31/15
Page A10.33	376	Vol. 1	Detail not referenced	Detail not used.	benjamin.fields	07/31/15
Page A10.33	377	Vol. 1	This flashing should be carried through the wall with a drip hemmed drip edge past the stemwall. It should be set in two beads of sealant. Or similar to the sill flashing detail shown on Detail 1 and 5/A10.31	Detail will be revised.	benjamin.fields	07/31/15
Page A10.33	378	Vol. 1	I have not seen fluid applied used on concrete as a air barrier.	This flashing should be carried through the wall with a drip hemmed drip edge past the stemwall. It should be set in two beads of sealant. Or similar to the sill flashing detail shown on Detail 1 and 5/A10.31	Cornerstone Estimating	07/31/15
Page A10.33	379	Vol. 1	This flashing should be carried through the wall with a drip hemmed drip edge past the stemwall. It should be set in two beads of sealant. Or similar to the sill flashing detail shown on Detail 1 and 5/A10.31	Detail will be revised.	benjamin.fields	07/31/15
Page A10.33	380	Vol. 1	This detail is what should be shown on the sill details on A10.31. Removing the vertical leg of the fluid applied and shorting the length of the sheet metal flashing will reduce the build up gap.	Sill details on sheet A10.31 will be revised.	benjamin.fields	07/31/15
Page A10.33	381	Vol. 1	The arrow should be pulled back from the sheet metal flashing.	Detail will be updated.	benjamin.fields	07/31/15
Page A10.33	382	Vol. 1	For clarity this flashing should be identified similar to the head flashing below	Detail will be updated.	benjamin.fields	07/31/15
Page A10.33	383	Vol. 1	Detail not referenced	See note above.	benjamin.fields	07/31/15

Drawing or Spec Ref	Item No	Volume	Constructability Review Comments	Design Team Responses	Author	Resolution Date
Page S0.02	384	Vol. 2	16d nails specified on S0.02 are .162 x 3 1/2". NER-272 table 24 shows no increase of nailing needed by switching to .148 x 3" nails for either double top plate connection or bundled stud packages, an increase from two nails to three nails for stud to top or sole plate connection. We need to have the EOR change this or allow the substitution. More importantly it is the safety hazard caused by using 3 1/2" nails to tie together 3"s of material leaving 1/2" spikes exposed to injure the framer while working on the wall and anyone walking thru a stud bay later.	We will review nailing requirements and make the necessary adjustments	TedR	08/07/15
Page S2.11f	385	Vol. 2	Show loading dock footing and wall. Provide TOF elevation.	To be included on bid set	Stevenw	08/06/15
Page S2.11f	386	Vol. 2	Should there be steps in the footing to account for grade elevation at the loading dock. Provide TOF elevation if unique.	To be included in bid set	Stevenw	08/06/15
Page S2.11f	387	Vol. 2	Show TOF elevations and footing steps to account for exterior grade elevations.	Elevations will be provided on Bid set	TedR	08/06/15
Page S2.11g	388	Vol. 2	Show slab recess at bathrooms.	To be included in bid set	Stevenw	08/06/15
Page S2.11g	389	Vol. 2	Show slab recess at walk-in cooler.	To be included in bid set	Stevenw	08/06/15
Page S2.11g	390	Vol. 2	Show slab recess at gym.	To be included in bid set	Stevenw	08/06/15
Page S2.11g	391	Vol. 2	Show slab recess at gym.	To be included in bid set	Stevenw	08/06/15
Page S2.11g	392	Vol. 2	Show slab recess at gym.	To be included in bid set	Stevenw	08/06/15
Page S2.11g	393	Vol. 2	Show slab recess at gym.	To be included in bid set	Stevenw	08/06/15
Page S2.11g	394	Vol. 2	Show slab recess at gym.	To be included in bid set	Stevenw	08/06/15
Page S2.11g	395	Vol. 2	Show slab recess at gym.	To be included in bid set	Stevenw	08/06/15
Page S2.11g	396	Vol. 2	Confirm this is detail 2/S3.01.	To be included in bid set. 7/S3.02 is correct, window opening does not go all the way down to footing	Stevenw	08/06/15
Page S2.11g	397	Vol. 2	Provide detail cut at this location. Does 9/S3.02 apply here?	To be included in bid set	Stevenw	08/06/15
Page S2.11g	398	Vol. 2	Confirm intent of this wall. Does it slope with ramp?	To be included in bid set. This will be coordinated with Architecture	Stevenw	08/06/15
Page S2.11g	399	Vol. 2	Provide section at this location.	To be included in bid set	Stevenw	08/06/15
Page S2.11g	400	Vol. 2	Show slab recess at bathrooms.	To be included in bid set	Stevenw	08/06/15
Page S2.11g	401	Vol. 2	Should this portion of the note be separated? For Control Jt information see 1/S3.01	This note will be revised	TedR	08/07/15
Page S2.11g	402	Vol. 2	Should this portion of the note be separated? For Control Jt information see 1/S3.01	This note will be revised	TedR	08/07/15

Drawing or Spec Ref	Item No	Volume	Constructability Review Comments	Design Team Responses	Author	Resolution Date
Page S2.11g	403	Vol. 2	Revise details to show wood framing (typ.)	To be included in bid set	Stevenw	08/06/15
Page S2.12f	404	Vol. 2	S2.12g shows appears to show a wall here. If wall is required, show footing at this location.	To be included in bid set	Stevenw	08/06/15
Page S2.12g	405	Vol. 2	Reference Does Not Exist			01/00/00
Page S2.12g	406	Vol. 2	Provide section cut.	To be included in bid set	Stevenw	08/06/15
Page S2.12g	407	Vol. 2	Show slab recess at bathrooms.	To be included in bid set	Stevenw	08/06/15
Page S2.12g	408	Vol. 2	Should this portion of the note be separated? For Control Jt information see 1/S3.01	This note will be revised	TedR	08/07/15
Page S2.12g	409	Vol. 2	Should this portion of the note be separated? For Control Jt information see 1/S3.01	This note will be revised	TedR	08/07/15
Page S2.12g	410	Vol. 2	Sheet S5.03 does not existing in this set of documents.	Should be 4/S4.03 - To be included in bid set	Stevenw	08/06/15
Page S2.12g	411	Vol. 2	Revise drawing to reflect thickened slab at this location.	To be included in bid set. not a thickened slab, this will be revised to be stem wall and footing	Stevenw	08/06/15
Page S2.12g	412	Vol. 2	Sheet S5.03 does not existing in this set of documents.	Should be 4/S4.03 - To be included in bid set	Stevenw	08/06/15
Page S2.13f	413	Vol. 2	Revise drawing to reflect thickened slab at this location.	To be altered in bid set	Stevenw	08/06/15
Page S2.13f	414	Vol. 2	Revise drawing to reflect thickened slab at this location.	To be altered in bid set	Stevenw	08/06/15
Page S2.13f	415	Vol. 2	Revise drawing to reflect thickened slab at this location.	To be altered in bid set	Stevenw	08/06/15
Page S2.13f	416	Vol. 2	Revise drawing to reflect thickened slab at this location.	To be altered in bid set	Stevenw	08/06/15
Page S2.13f	417	Vol. 2	Revise drawing to reflect thickened slab at this location.	To be altered in bid set	Stevenw	08/06/15
Page S2.13f	418	Vol. 2	Revise drawing to reflect thickened slab at this location.	To be altered in bid set	Stevenw	08/06/15
Page S2.13f	419	Vol. 2	Show sump at elevator pit and reference detail	To be included in bid set	Stevenw	08/06/15
Page S2.13g	420	Vol. 2	Background does match at this location.	To be fixed in bid set	Stevenw	08/06/15
Page S2.13g	421	Vol. 2	Show wall continuing at this location per 9/S3.02. Allows for better sequencing of backfill at SOG	To be included in bid set	Stevenw	08/06/15
Page S2.13g	422	Vol. 2	Show slab recess at bathrooms.	To be included in bid set	Stevenw	08/06/15
Page S2.13g	423	Vol. 2	Show slab recess at bathrooms.	To be included in bid set	Stevenw	08/06/15
Page S2.13g	424	Vol. 2	Show slab recess at bathrooms.	To be included in bid set	Stevenw	08/06/15
Page S2.13g	425	Vol. 2	Show slab recess at bathrooms.	To be included in bid set	Stevenw	08/06/15
Page S2.13g	426	Vol. 2	Show slab recess at bathrooms.	To be included in bid set	Stevenw	08/06/15
Page S2.13g	427	Vol. 2	Show slab recess at bathrooms.	To be included in bid set	Stevenw	08/06/15
Page S2.13g	428	Vol. 2	Should this portion of the note be separated? For Control Jt information see 1/S3.01	This note will be revised	TedR	08/07/15

Drawing or Spec Ref	Item No	Volume	Constructability Review Comments	Design Team Responses	Author	Resolution Date
Page S2.13g	429	Vol. 2	Should this portion of the note be separated? For Control Jt information see 1/S3.01	This note will be revised	TedR	08/07/15
Page S2.14f	430	Vol. 2	Revise drawing to reflect thickened slab at this location.	To be altered in bid set	Stevenw	08/06/15
Page S2.14f	431	Vol. 2	Revise drawing to reflect thickened slab at this location.	To be altered in bid set	Stevenw	08/06/15
Page S2.14f	432	Vol. 2	Revise drawing to reflect thickened slab at this location.	To be altered in bid set	Stevenw	08/06/15
Page S2.14f	433	Vol. 2	Revise drawing to reflect thickened slab at this location.	To be altered in bid set	Stevenw	08/06/15
Page S2.14f	434	Vol. 2	Revise drawing to reflect thickened slab at this location.	To be altered in bid set	Stevenw	08/06/15
Page S2.14g	435	Vol. 2	Show slab recess at bathrooms.	To be included in bid set	Stevenw	08/06/15
Page S2.14g	436	Vol. 2	Should this portion of the note be separated? For Control Jt information see 1/S3.01	This note will be revised	TedR	08/07/15
Page S2.23	437	Vol. 2	Confirm if this landing is Grating or SOMD	Grating - Confirm with Arch.	Stevenw	08/07/15
Page S2.23	438	Vol. 2	Confirm if this landing is Grating or SOMD	Grating - Confirm with Arch.	Stevenw	08/07/15
Page S2.23	439	Vol. 2	Confirm if this landing is Grating or SOMD	Grating - Confirm with Arch.	Stevenw	08/07/15
Page S2.23	440	Vol. 2	Confirm if this landing is Grating or SOMD	Grating - Confirm with Arch.	Stevenw	08/07/15
Page S2.23	441	Vol. 2	Provide detail for recess at bathrooms	To be included in bid set.	Stevenw	08/07/15
Page S2.23	442	Vol. 2	Provide detail for recess at bathrooms			01/00/00
Page S2.23	443	Vol. 2	Provide framed openings where required for ductwork penetrations of 24" wide.	To be included in bid set.	Stevenw	08/07/15
Page S2.23	444	Vol. 2	Provide framed openings where required for ductwork penetrations of 24" wide.	To be included in bid set.	Stevenw	08/07/15
Page S2.23	445	Vol. 2	Provide framed openings where required for ductwork penetrations of 24" wide.	To be included in bid set.	Stevenw	08/07/15
Page S2.23	446	Vol. 2	Provide framed openings where required for ductwork penetrations of 24" wide.	To be included in bid set.	Stevenw	08/07/15
Page S2.23	447	Vol. 2	Provide detail for recess at bathrooms	To be included in bid set.	Stevenw	08/07/15
Page S2.23	448	Vol. 2	Provide header beam size.	To be included in bid set. . Typical header per 1/S4.01, not called out on plan.	Stevenw	08/07/15
Page S2.23	449	Vol. 2	Provide header beam size.	Typical header per 1/S4.01, not called out on plan.	Stevenw	08/07/15
Page S2.23	450	Vol. 2	Provide header beam size.	Typical header per 1/S4.01, not called out on plan.	Stevenw	08/07/15
Page S2.23	451	Vol. 2	Provide header beam size.	Typical header per 1/S4.01, not called out on plan.	Stevenw	08/07/15
Page S2.23	452	Vol. 2	Provide header beam size.	Typical header per 1/S4.01, not called out on plan.	Stevenw	08/07/15

Drawing or Spec Ref	Item No	Volume	Constructability Review Comments	Design Team Responses	Author	Resolution Date
Page S2.23	453	Vol. 2	Provide header beam size.	Typical header per 1/S4.01, not called out on plan.	Stevenw	08/07/15
Page S2.23	454	Vol. 2	Provide header beam size.	Typical header per 1/S4.01, not called out on plan.	Stevenw	08/07/15
Page S2.23	455	Vol. 2	Provide header beam size.	Typical header per 1/S4.01, not called out on plan.	Stevenw	08/07/15
Page S2.23	456	Vol. 2	Provide header beam size.	Typical header per 1/S4.01, not called out on plan.	Stevenw	08/07/15
Page S2.23	457	Vol. 2	Provide header beam size.	Typical header per 1/S4.01, not called out on plan.	Stevenw	08/07/15
Page S2.23	458	Vol. 2	Provide header beam size.	Typical header per 1/S4.01, not called out on plan.	Stevenw	08/07/15
Page S2.23	459	Vol. 2	Provide header beam size.	Typical header per 1/S4.01, not called out on plan.	Stevenw	08/07/15
Page S2.23	460	Vol. 2	Structural members are shown and detailed but the sizes are not called out.	Member sizes are called out on plan and detailed.	Stevenw	08/07/15
Page S2.23	461	Vol. 2	Should be 10/S6.04?	No, callout is correct.	Stevenw	08/07/15
Page S2.23	462	Vol. 2	Should be 10/S6.04?	No, callout is correct.	Stevenw	08/07/15
Page S2.23	463	Vol. 2	Please confirm the W24 runs from the west to the east wall of Classroom 161.	Confirmed.	Stevenw	08/07/15
Page S2.23	464	Vol. 2	Please confirm the W24 runs from the west to the east wall of Classroom 163.	Confirmed.	Stevenw	08/07/15
Page S2.23	465	Vol. 2	Provide structural detail of the header support for the fire door.	To be included in bid set.	Stevenw	08/07/15
Page S2.24	466	Vol. 2	Provide detail for recess at bathrooms.	To be included in bid set.	Stevenw	08/07/15
Page S2.24	467	Vol. 2	Provide header beam size.	To be included in bid set.	Stevenw	08/07/15
Page S2.24	468	Vol. 2	Provide header beam size.	Typical HDR per 1/S4.01 - not called out on plan.	Stevenw	08/07/15
Page S2.24	469	Vol. 2	Note 1 states "Wood studs "should" align with joists." Most walls are at 16"oc. Most joists are @24"oc. Are additional studs needed at the truss? Are these additional studs necessary?	this requirement will be clarified in bid set	TedR	08/07/15
Page S2.41	470	Vol. 2	3A? Addition support for the "garage" door?	To be included in bid set.	Stevenw	08/07/15
Page S2.42	471	Vol. 2	Provide header beam size.	Typical HDR per 1/S4.01 - not called out on plan.	Stevenw	08/07/15
Page S2.42	472	Vol. 2	Provide header beam sizes.	Typical HDR per 1/S4.01 - not called out on plan.	Stevenw	08/07/15
Page S2.42	473	Vol. 2	Provide header beam size.	Typical HDR per 1/S4.01 - not called out on plan.	Stevenw	08/07/15
Page S2.42	474	Vol. 2	Provide header beam size.	Typical HDR per 1/S4.01 - not called out on plan.	Stevenw	08/07/15

Drawing or Spec Ref	Item No	Volume	Constructability Review Comments	Design Team Responses	Author	Resolution Date
Page S2.42	475	Vol. 2	Provide header beam size.	Typical HDR per 1/S4.01 - not called out on plan.	Stevenw	08/07/15
Page S2.43	476	Vol. 2	Provide header beam size.	Typical HDR per 1/S4.01 - not called out on plan.	Stevenw	08/07/15
Page S2.43	477	Vol. 2	Provide header beam size.	Typical HDR per 1/S4.01 - not called out on plan.	Stevenw	08/07/15
Page S2.43	478	Vol. 2	Provide header beam size.	Typical HDR per 1/S4.01 - not called out on plan.	Stevenw	08/07/15
Page S2.43	479	Vol. 2	Provide header beam size.	Typical HDR per 1/S4.01 - not called out on plan.	Stevenw	08/07/15
Page S2.43	480	Vol. 2	Provide header beam size.	Typical HDR per 1/S4.01 - not called out on plan.	Stevenw	08/07/15
Page S2.43	481	Vol. 2	Provide header beam size.	Typical HDR per 1/S4.01 - not called out on plan.	Stevenw	08/07/15
Page S2.43	482	Vol. 2	Provide header beam size.	Typical HDR per 1/S4.01 - not called out on plan.	Stevenw	08/07/15
Page S2.43	483	Vol. 2	Provide header beam size.	Typical HDR per 1/S4.01 - not called out on plan.	Stevenw	08/07/15
Page S2.43	484	Vol. 2	Provide header beam size.	Typical HDR per 1/S4.01 - not called out on plan.	Stevenw	08/07/15
Page S2.44	485	Vol. 2	Provide header beam size.	Typical HDR per 1/S4.01 - not called out on plan.	Stevenw	08/07/15
Page S2.44	486	Vol. 2	Provide header beam size.	Typical HDR per 1/S4.01 - not called out on plan.	Stevenw	08/07/15
Page S2.44	487	Vol. 2	Provide header beam size.	Typical HDR per 1/S4.01 - not called out on plan.	Stevenw	08/07/15
Page S2.44	488	Vol. 2	Provide header beam size.	Typical HDR per 1/S4.01 - not called out on plan.	Stevenw	08/07/15
Page S3.01	489	Vol. 2	Detail not referenced	To be included in bid set. See grade level framing note 14 on S2.12g	Stevenw	08/07/15
Page S3.01	490	Vol. 2	Detail not referenced	To be included in bid set. See grade level framing note 14 on S2.12g	Stevenw	08/07/15
Page S3.01	491	Vol. 2	Detail not referenced	To be included in bid set. See grade level framing note 14 on S2.12g	Stevenw	08/07/15
Page S3.01	492	Vol. 2	Detail not referenced	To be included in bid set. See grade level framing note 14 on S2.12g	Stevenw	08/07/15
Page S3.01	493	Vol. 2	Duplicate for detail 10/S3.01.	Not a duplicate of 10/S3.01 - Show different reinforcing	Stevenw	08/07/15
Page S3.01	494	Vol. 2	Duplicate for detail 1/S3.01.	Not a duplicate of 1/S3.01 - Show different reinforcing	Stevenw	08/07/15
Page S3.01	495	Vol. 2	Is mesh required at the thickened slab.	Yes mesh is required at thickened slab.	Stevenw	08/07/15

Drawing or Spec Ref	Item No	Volume	Constructability Review Comments	Design Team Responses	Author	Resolution Date
Page S3.01	496	Vol. 2	Expensive system. Also if dowels are stepped on during placement and moved out of vertical they can restrict the movement of the concrete causing a crack parallel to the cj.	To be addressed prior to bid set. At exposed slabs it is important to detail the CJ carefully to minimize cracking in the concrete, this detail has a good history of use in past projects.	Stevenw	08/07/15
Page S3.02	497	Vol. 2	Detail not referenced	To be included in bid set - will be removed if unnecessary	Stevenw	08/07/15
Page S3.02	498	Vol. 2	Detail not referenced	To be included in bid set. See foundation note 9 on 1/S2.12f	Stevenw	08/07/15
Page S3.02	499	Vol. 2	Detail not referenced	See foundation note 9 on 1/S2.12f	Stevenw	08/07/15
Page S3.02	500	Vol. 2	Consider sleeve at this location. Pipe would be grouted in.	This will be revised in the bid set	TedR	08/07/15
Page S3.02	501	Vol. 2	Should this reference 7/S3.02?	To be included in bid set.	Stevenw	08/07/15
Page S3.02	502	Vol. 2	Suggest alternate detail 8/S3.02. Footing would remain, but wall would be replaced with thickened slab.	To be considered prior to bid set.	Stevenw	08/07/15
Page S3.02	503	Vol. 2	Provide width of stem wall	To be included in bid set	Stevenw	08/07/15
Page S3.02	504	Vol. 2	Provide width of stem wall			01/00/00
Page S3.02	505	Vol. 2	What will be the fix be for damaged/missing anchor bolts? All Thread and epoxy or concrete anchors.	This will have to be provided on a case by case basis since each situation is unique	Stevenw	08/07/15
Page S3.02	506	Vol. 2	Should this be thickness of footing.	Note means that the thickness is to be the width of the FTG at a minimum.	Stevenw	08/07/15
Page S3.03	507	Vol. 2	Detail not referenced	To be included or removed prior to bid set.	Stevenw	08/07/15
Page S3.03	508	Vol. 2	Revise detail to show wood framing.	To be included in bid set.	Stevenw	08/07/15
Page S3.03	509	Vol. 2	Revise detail to show wood framing.	To be included in bid set.	Stevenw	08/07/15
Page S4.01	510	Vol. 2	Detail not referenced	See Framing Note 6 on S2.12g	Stevenw	08/07/15
Page S4.01	511	Vol. 2	Detail not referenced	To be included in bid set.	Stevenw	08/07/15
Page S4.01	512	Vol. 2	Detail not referenced	See note 6 on 4/S4.01	Stevenw	08/07/15
Page S4.01	513	Vol. 2	Detail not referenced	See Floor Framing Note 17 on S2.24	Stevenw	08/07/15
Page S4.02	514	Vol. 2	Detail not referenced	To be included in bid set.	Stevenw	08/07/15
Page S4.02	515	Vol. 2	Detail not referenced	To be included in bid set.	Stevenw	08/07/15
Page S4.02	516	Vol. 2	Detail not referenced	To be included in bid set.	Stevenw	08/07/15
Page S4.02	517	Vol. 2	Detail not referenced	To be included in bid set.	Stevenw	08/07/15
Page S4.03	518	Vol. 2	Detail not referenced	See 1/S4.03	Stevenw	08/07/15
Page S4.04	519	Vol. 2	Detail not referenced	See Framing Note 16 on S2.12g	Stevenw	08/07/15
Page S4.04	520	Vol. 2	Detail not referenced	See 1/S4.04	Stevenw	08/07/15
Page S4.04	521	Vol. 2	Detail not referenced	To be included in bid set.	Stevenw	08/07/15
Page S4.04	522	Vol. 2	Detail not referenced	See 1/S4.04	Stevenw	08/07/15
Page S4.04	523	Vol. 2	Detail not referenced	See 1/S4.04	Stevenw	08/07/15
Page S4.04	524	Vol. 2	Detail not referenced	See Framing Note 16 on S2.12g	Stevenw	08/07/15

Drawing or Spec Ref	Item No	Volume	Constructability Review Comments	Design Team Responses	Author	Resolution Date
Page S4.04	525	Vol. 2	Detail not referenced	See Framing Note 16 on S2.12g	Stevenw	08/07/15
Page S4.05	526	Vol. 2	Detail not referenced	To be removed.	Stevenw	08/07/15
Page S4.05	527	Vol. 2	Detail not referenced	To be included or removed for bid set.	Stevenw	08/07/15
Page S4.05	528	Vol. 2	Detail not referenced	To be included or removed for bid set.	Stevenw	08/07/15
Page S4.05	529	Vol. 2	Detail not referenced	To be included or removed for bid set.	Stevenw	08/07/15
Page S4.05	530	Vol. 2	Detail not referenced	To be included or removed for bid set.	Stevenw	08/07/15
Page S4.05	531	Vol. 2	Detail not referenced	To be included or removed for bid set.	Stevenw	08/07/15
Page S4.05	532	Vol. 2	Detail not referenced	To be included or removed for bid set.	Stevenw	08/07/15
Page S4.05	533	Vol. 2	Is the structural header detail for the fire door at Grid 11? I could not find any other folding type partitions.	Detail for stage beam on Grid AG - See S2.41	Stevenw	08/07/15
Page S4.06	534	Vol. 2	Detail not referenced	See Framing Note 18 on S2.42	Stevenw	08/07/15
Page S4.06	535	Vol. 2	Detail not referenced	See Framing Note 18 on S2.42	Stevenw	08/07/15
Page S4.06	536	Vol. 2	Detail not referenced	See Framing Note 18 on S2.42	Stevenw	08/07/15
Page S4.06	537	Vol. 2	We need to make sure these are not located in taper roof insulation.	Coordination to be done prior to bid set.	Stevenw	08/07/15
Page S4.06	538	Vol. 2	We need to make sure these are not located in taper roof insulation.	Coordination to be done prior to bid set.	Stevenw	08/07/15
Page S4.06	539	Vol. 2	We need to make sure these are not located in taper roof insulation.	Coordination to be done prior to bid set.	Stevenw	08/07/15
Page S4.11	540	Vol. 2	Delete this sheet	To be deleted prior to bid.	Stevenw	08/07/15
Page S4.12	541	Vol. 2	Detail not referenced	Detail to be removed.	Stevenw	08/07/15
Page S4.12	542	Vol. 2	Detail not referenced	Detail to be removed.	Stevenw	08/07/15
Page S4.12	543	Vol. 2	Detail not referenced	Detail to be removed.	Stevenw	08/07/15
Page S4.12	544	Vol. 2	Detail not referenced	Detail to be removed.	Stevenw	08/07/15
Page S4.12	545	Vol. 2	Detail not referenced	To be included in bid set.	Stevenw	08/07/15
Page S4.12	546	Vol. 2	Is this detail still part of the CD's, all other details should be deleted.	To be included in bid set.	Stevenw	08/07/15
Page S5.01	547	Vol. 2	Detail not referenced	See 1/S5.01	Stevenw	08/07/15
Page S5.01	548	Vol. 2	Detail not referenced	To be included in bid set.	Stevenw	08/07/15
Page S5.01	549	Vol. 2	Detail not referenced	To be included in bid set.	Stevenw	08/07/15
Page S5.10	550	Vol. 2	Detail not referenced		Stevenw	08/07/15
Page S5.10	551	Vol. 2	Detail not referenced	To be removed for bid set.	Stevenw	08/07/15
Page S5.10	552	Vol. 2	Detail not referenced	See S2.41 in multiple locations	Stevenw	08/07/15
Page S5.10	553	Vol. 2	Revise detail to show wood framing	To be modified prior to bid.	Stevenw	08/07/15
Page S5.10	554	Vol. 2	Revise detail to show wood framing	To be modified prior to bid.	Stevenw	08/07/15
Page S5.10	555	Vol. 2	I am concerned that plate will warp during welding.	To be considered and modified prior to bid.	Stevenw	08/07/15
Page S5.11	556	Vol. 2	Detail not referenced	To be referenced or removed prior to bid.	Stevenw	08/07/15
Page S5.11	557	Vol. 2	Detail not referenced	To be referenced or removed prior to bid.	Stevenw	08/07/15

Drawing or Spec Ref	Item No	Volume	Constructability Review Comments	Design Team Responses	Author	Resolution Date
Page S5.11	558	Vol. 2	Detail not referenced	To be referenced or removed prior to bid.	Stevenw	08/07/15
Page S5.11	559	Vol. 2	Detail not referenced	To be referenced or removed prior to bid.	Stevenw	08/07/15
Page S5.11	560	Vol. 2	Detail not referenced	To be referenced or removed prior to bid.	Stevenw	08/07/15
Page S5.12	561	Vol. 2	Detail not referenced	See Roof Framing Note 15	Stevenw	08/07/15
Page S5.13	562	Vol. 2	Detail not referenced	Detail to be modified and referenced.	Stevenw	08/07/15
Page S6.01	563	Vol. 2	Detail not referenced	Reference to be included in bid.	Stevenw	08/07/15
Page S6.01	564	Vol. 2	Detail not referenced	Reference to be included in bid.	Stevenw	08/07/15
Page S6.01	565	Vol. 2	Detail not referenced	Reference to be included in bid.	Stevenw	08/07/15
Page S6.01	566	Vol. 2	Detail not referenced	Reference to be included in bid.	Stevenw	08/07/15
Page S6.01	567	Vol. 2	Detail not referenced	Reference to be included in bid.	Stevenw	08/07/15
Page S6.01	568	Vol. 2	Detail not referenced	Reference to be included in bid.	Stevenw	08/07/15
Page S6.01	569	Vol. 2	Detail not referenced	Reference to be included in bid.	Stevenw	08/07/15
Page S6.02	570	Vol. 2	Detail not referenced	Detail to be reference or removed for bid set.	Stevenw	08/07/15
Page S6.02	571	Vol. 2	Detail not referenced	Detail to be reference or removed for bid set.	Stevenw	08/07/15
Page S6.02	572	Vol. 2	Detail not referenced			01/00/00
Page S6.02	573	Vol. 2	Detail not referenced	Detail to be referenced for bid set.	Stevenw	08/07/15
Page S6.02	574	Vol. 2	Reference does not exist	Should be 7/S4.01 - To be changed prior to bid set.	Stevenw	08/07/15
Page S6.03	575	Vol. 2	Detail not referenced	Detail to be reference or removed for bid set.	Stevenw	08/07/15
Page S6.03	576	Vol. 2	Detail not referenced	Detail to be reference or removed for bid set.	Stevenw	08/07/15
Page S6.03	577	Vol. 2	Detail not referenced	Detail to be reference or removed for bid set.	Stevenw	08/07/15
Page S6.03	578	Vol. 2	Detail not referenced	Detail to be reference or removed for bid set.	Stevenw	08/07/15
Page S6.03	579	Vol. 2	Detail not referenced	Detail to be reference or removed for bid set.	Stevenw	08/07/15
Page S6.04	580	Vol. 2	Detail not referenced	Detail to be reference or removed for bid set.	Stevenw	08/07/15
Page S7.01	581	Vol. 2	Detail not referenced	See 1/S7.01	Stevenw	08/07/15
Page S7.02	582	Vol. 2	Detail not referenced	Detail referenced on S2.42, S2.43, S2.44 in multiple locations on each sheet.	Stevenw	08/07/15
Page S7.03	583	Vol. 2	Revise detail to show wood framing	To be revised prior to bid set.	Stevenw	08/07/15
Page S7.03	584	Vol. 2	Revise detail to show wood framing	To be revised prior to bid set.	Stevenw	08/07/15
Page S7.03	585	Vol. 2	Provide dimension from top of flange to bolt location			01/00/00
Page S7.04	586	Vol. 2	Detail not referenced	Detail to be reference or removed for bid set.	Stevenw	08/07/15
Page S7.04	587	Vol. 2	Detail not referenced	To be referenced or removed for bid set.	Stevenw	08/07/15
Page S7.05	588	Vol. 2	Detail not referenced	Detail to be referenced or removed for bid set.	Stevenw	08/07/15
Page M0.04	589	Vol. 2	Will thermostatic mixing valves be required for all hand sinks? In particularly the non-kitchen fixtures being fed from EWH-100AA	See plumbing fixture schedule for thermostatic mixing valve notes for fixtures.	Brian Cawley	08/04/15

Drawing or Spec Ref	Item No	Volume	Constructability Review Comments	Design Team Responses	Author	Resolution Date
Page MS1.01	590	Vol. 2	What if the 6" waste moved West toward the Grease Trap then, the CWR & S could come up in the receiving area in a 6" wall and run overhead to the boiler room. It looked like there is plenty of space. The door into receiving might need to move a little North.	This has been revised with an alternate solution. Will be updated for 100% set.	Brian Cawley	08/07/15
Page M1.01	591	Vol. 2	Suggested alternate pipe routing	Has been addressed with an alternate approach.	Brian Cawley	08/07/15
Page M1.01	592	Vol. 2	Detail 5 on sheet M/9.02 calls for a 4" W up to an 8" standpipe	Detail 5/M9.02 has been updated for 6"W.	Brian Cawley	08/06/15
Page M1.01	593	Vol. 2	General Note on Underground: Routing may need to vary due to footings and zone of influence underneath footings	Underground is under review with structural. Will be updated as need for 100% set.	Brian Cawley	08/06/15
Page M1.02	594	Vol. 2	2% slope is not going to work on sanitary main.suggest 6" pipe be ran at 1% for entire main instead of 4". Typ for pages M1.01, M1.02, M1.03and M1.04	Piping will be noted at 1.5% for main where applicable. Will be updated for 100% set.	Brian Cawley	08/07/15
Page M2.11	595	Vol. 2	Ceiling fans need to be shown on mechanical schedule and listed in specifications.	Will be added for 100% set.	Brian Cawley	08/07/15
Page M2.12	596	Vol. 2	there is no roof drain piping shown in this area but on A4.00 they show roof drains. There is also no RD's listed on the schedule or specifications.	This will be coordinated for 100% set.	Brian Cawley	08/07/15
Page M2.12	597	Vol. 2	same as comment on M2.11	Will be added for 100% set.	Brian Cawley	08/07/15
Page M2.12	598	Vol. 2	Are backflow preventers required for Ice Makers?	Ice makers have an internal air gap. We have not had to provide rpz or double check for residential ice makers.	Brian Cawley	08/06/15
Page M2.13	599	Vol. 2	Floor drain symbols need to be the actual floor drain symbol as shown on M0.01. The majority of the ones shown appear to be for floor sinks. Typical for all pages.	Has been update, and will be corrected for 100% set.	Brian Cawley	08/06/15
Page M2.13	600	Vol. 2	missing heat pump call outs typical thru out.	Plans are being updated for enlarged plans of these areas for better clarity. Will be updated for HP callouts throughout for 100% set.	Brian Cawley	08/07/15
Page M2.13	601	Vol. 2	Should there be additional floor drains added to mechanical rooms for HP condensate drains?	Floor sinks are serving the heat pumps, these areas will be clarified for 100% set as well as have the condensate piping added.	Brian Cawley	08/07/15

Drawing or Spec Ref	Item No	Volume	Constructability Review Comments	Design Team Responses	Author	Resolution Date
Page M2.13	602	Vol. 2	This will be a very congested area above the drop down ceiling. Expansion loops will be needed on all the piping shown. Other systems occupying the space will be communication sleeves, sprinkler main with expansion loop, light fixtures, fire door support structure, fire wall framing members, soffit framing members, trapeze supprts and hangers, light fixture seismic wires and electrical conduit. Also remember that all penetrations will need to be fire stop as per the approved UL design annular spaces. Has this area been modeled with all features reviewed to confirm the space is adequate?	This area has been studied extensively. Construction shall have offset expansion loops. Section will be added to 100% set.	Brian Cawley	08/06/15
Page M2.14	603	Vol. 2	No water pipe shown. Is this a misprint?	This is a misprint. Will fix for 100% set.	Brian Cawley	08/07/15
Page M2.23	604	Vol. 2	There is no Mechanical drawings M2.21 or M2.22.	Will revised for 100% set.	Brian Cawley	08/07/15
Page M2.24	605	Vol. 2	There is no Mechanical drawings M2.21 or M2.22.	Will revised for 100% set.	Brian Cawley	08/07/15
Page M3.11	606	Vol. 2	Please confirm this ductwork has coordinated with the clearances and space needed to install the motorized rolling grilles. This duct work may need to be relocated. Will it affect the mech room lay out?	All of this ductwork is on mezzanine level, rollup gate is below mezzanine.	Brian Cawley	08/06/15
Page M3.11	607	Vol. 2	Please confirm all duct penetrations through the floor or ceiling space have been coordinated with the structural framing sheets.	Penetrations have been provided to structural for review.	Brian Cawley	08/06/15
Page M3.12	608	Vol. 2	Please confirm all duct penetrations through the floor or ceiling space have been coordinated with the structural framing sheets.	Penetrations have been provided to structural for review.	Brian Cawley	08/06/15
Page M3.13	609	Vol. 2	Too congested for duct and piping	There is 3'-1" clear between structure and top of ceiling grid. Ducts are 16" round which will be 18" round with insulation. Leaves 19" for piping and lights. GC and sub trades will have to coordinate installation sequence in these areas.	Brian Cawley	08/07/15
Page M3.13	610	Vol. 2	Run domestic water out of this area as the duct will fill the space. Happens at all pods.	There is significant space in these areas with the 38" deep open web joist for routing of both duct and piping.	Brian Cawley	08/07/15
Page M3.13	611	Vol. 2	Please confirm all duct penetrations through the floor or ceiling space have been coordinated with the structural framing sheets.	Penetrations have been provided to structural for review.	Brian Cawley	08/06/15

Drawing or Spec Ref	Item No	Volume	Constructability Review Comments	Design Team Responses	Author	Resolution Date
Page M3.14	612	Vol. 2	Please confirm all duct penetrations through the floor or ceiling space have been coordinated with the structural framing sheets.	Penetrations have been provided to structural for review.	Brian Cawley	08/06/15
Page M3.23	613	Vol. 2	There is no Mechanical drawings M2.21 or M2.22.	Will revise for 100% set.	Brian Cawley	08/07/15
Page M3.23	614	Vol. 2	Please confirm all duct penetrations through the floor or ceiling space have been coordinated with the structural framing sheets.	Penetrations have been provided to structural for review.	Brian Cawley	08/06/15
Page M3.24	615	Vol. 2	There is no Mechanical drawings M2.21 or M2.22.	Will revise for 100% set.	Brian Cawley	08/07/15
Page M3.24	616	Vol. 2	Please confirm all duct penetrations through the floor or ceiling space have been coordinated with the structural framing sheets.	Penetrations have been provided to structural for review.	Brian Cawley	08/06/15
Page M6.01	617	Vol. 2	Appears to be roof drains and overflow?	Will be coordinated for 100% set.	Brian Cawley	08/07/15
Page M6.01	618	Vol. 2	Please confirm all duct penetrations through the floor or ceiling space have been coordinated with the structural framing sheets.	Penetrations have been provided to structural for review.	Brian Cawley	08/06/15
Page M7.01	619	Vol. 2	There is no SS-14 specified no where.	Will be coordinated for 100% set.	Brian Cawley	08/07/15
Page M7.01	620	Vol. 2	Recommend showing vents up from fixtures. Typical for sheet	Will be added for 100% set.	Brian Cawley	08/07/15
Page M7.02	621	Vol. 2	It appears that these isolation valves are shown above the Freezer/Cooler. Access might be difficult above this.	These valves are above the kitchen in the mechanical mezzanine with full access.	Brian Cawley	08/07/15
Page M7.03	622	Vol. 2	It would be nice to see floor sink symbols carried over from plumbing drawings.	Noted.	Brian Cawley	08/07/15
Page M7.03	623	Vol. 2	Is Note 5 applicable in Mechanical Spaces or only in finished spaces?	This is just applicable to finished spaces, will clarify for 100% set.	Brian Cawley	08/07/15
Page M7.03	624	Vol. 2	Please confirm all duct penetrations through the floor or ceiling space have been coordinated with the structural framing sheets.	Penetrations have been provided to structural for review.	Brian Cawley	08/06/15
Page M7.04	625	Vol. 2	General Note: It doesn't appear that all dampers are called-out on enlarged HVAC plans. Also, BDD are not shown - motorized damper locations may need to shift to allow for BDD clearance	BDD and Motorized dampers for individual heat pumps are shown on details. Motorized dampers for exterior building penetrations, and areas/equipment not detailed will be shown for 100% set.	Brian Cawley	08/07/15
Page M7.04	626	Vol. 2	Please confirm all duct penetrations through the floor or ceiling space have been coordinated with the structural framing sheets.	Penetrations have been provided to structural for review.	Brian Cawley	08/06/15
Page M7.05	627	Vol. 2	Please confirm all duct penetrations through the floor or ceiling space have been coordinated with the structural framing sheets.	Penetrations have been provided to structural for review.	Brian Cawley	08/06/15

Drawing or Spec Ref	Item No	Volume	Constructability Review Comments	Design Team Responses	Author	Resolution Date
Page M7.06	628	Vol. 2	Detail not referenced -M7.06 - 3	Will be updated for 100% set.	Brian Cawley	08/07/15
Page M7.06	629	Vol. 2	Please confirm all duct penetrations through the floor or ceiling space have been coordinated with the structural framing sheets.	Penetrations have been provided to structural for review.	Brian Cawley	08/06/15
Page M7.07	630	Vol. 2	Please confirm all duct penetrations through the floor or ceiling space have been coordinated with the structural framing sheets.	Penetrations have been provided to structural for review.	Brian Cawley	08/06/15
Page M7.08	631	Vol. 2	Please confirm all duct penetrations through the floor or ceiling space have been coordinated with the structural framing sheets.	Penetrations have been provided to structural for review.	Brian Cawley	08/06/15
Page M7.09	632	Vol. 2	Need floor sinks and condensate lines shown.	Floor sinks and condensate lines will be added for 100% set.	Brian Cawley	08/06/15
Page M7.09	633	Vol. 2	Please confirm all duct penetrations through the floor or ceiling space have been coordinated with the structural framing sheets.	Penetrations have been provided to structural for review.	Brian Cawley	08/06/15
Page M7.10	634	Vol. 2	Is one floor sink supposed to serve all of the condensate lines? Could use a couple more.	Two floor sinks are being added for 100% set.	Brian Cawley	08/06/15
Page M9.01	635	Vol. 2	Does the pipe penetrating the floor need to be fire stopped?	Only pipe penetrations thru rated assemblies will require. Rated floor assemblies are identified on architectural.	Brian Cawley	08/06/15
Page M9.03	636	Vol. 2	Detail not referenced	Will be updated for 100% set.	Brian Cawley	08/07/15
Page M9.03	637	Vol. 2	Detail not referenced	Will be updated for 100% set.	Brian Cawley	08/07/15
Page M9.03	638	Vol. 2	Detail not referenced	Will be updated for 100% set.	Brian Cawley	08/07/15
Page M9.03	639	Vol. 2	Detail not referenced	Referenced in Roof Hood Schedule.	Brian Cawley	08/07/15
Page M9.03	640	Vol. 2	Internally mounted actuators can easily bind-up. Recommend having extended jack shaft through curb and place actuator outside of curb in NEMA rated enclosure	External actuator not preferred due to curb penetration.	Brian Cawley	08/07/15
Page M10.04	641	Vol. 2	Mechanical drawings show a barometric relief damper to regulate pressure. Can this damper be removed or switched to a 2 position actuator?	This is a two position damper. This opens only during economizer operation. Will clarify as needed for 100% set.	Brian Cawley	08/07/15
Page M10.05	642	Vol. 2	Mechanical drawings show a barometric relief damper to regulate pressure. Can this damper be removed or switched to a 2 position actuator?	This is a two position damper. This opens only during economizer operation. Will clarify as needed for 100% set.	Brian Cawley	08/07/15

Drawing or Spec Ref	Item No	Volume	Constructability Review Comments	Design Team Responses	Author	Resolution Date
Page M10.07	643	Vol. 2	Is this in addition to meter supplied by SPU? If yes, please confirm if this meter is to be installed inside or outside. Typically flow meters require minimum lengths before and after meter - this might be difficult to achieve inside of the mechanical room depending on where the meter is placed and what size of pipe it is placed in.	Yes this is in addition to the SPU meter. This isn't a flow measuring station, but will be a water meter per spec.	Brian Cawley	08/07/15
Page E0.04	644	Vol. 2	I did not see HP-100L on floor plans	Item is located on sheet E3.13 in electrical room 100L.	Aaron.Whiting	08/05/15
Page E1.01	645	Vol. 2	No additional information found on E213. Should this be E313 referring to detail 2 on E7.04?	Reference has been updated to reference detail 2 on sheet E7.04.	Aaron.Whiting	08/05/15
Page E1.01	646	Vol. 2	Is this two separate items, a vault and a transformer pad?	Yes, this is two separate items. Plan updated with additional detail.	Aaron.Whiting	08/05/15
Page E2.11	647	Vol. 2	There are no Occupancy sensors or Daylight sensors shown in the Gymnasium.	Daylight and occupancy sensors are integral to each gym fixture.	Aaron.Whiting	08/05/15
Page E2.11	648	Vol. 2	There are no Occupancy sensors or Daylight sensors shown in this area.	Occupancy sensors are not required in this space. Photocells have been added.	Aaron.Whiting	08/05/15
Page E2.11	649	Vol. 2	Is an exit sign required over this door?	Exit sign added.	Aaron.Whiting	08/05/15
Page E2.11	650	Vol. 2	Provide missing sheet reference	Detail reference has been added.	Aaron.Whiting	08/05/15
Page E2.11	651	Vol. 2	Provide missing sheet reference	Detail reference has been added.	Aaron.Whiting	08/05/15
Page E2.12	652	Vol. 2	Should this door have an exit?	Exit sign not required.	Aaron.Whiting	08/05/15
Page E2.12	653	Vol. 2	Should this door have an exit	Exiting plan on sheet G0.03 does not indicate an exit is required at this door.	Aaron.Whiting	08/05/15
Page E2.12	654	Vol. 2	Provide missing sheet reference	Details have yet to be worked out with architect. Will be completed by 100%.	Aaron.Whiting	08/05/15
Page E2.12	655	Vol. 2	Provide missing sheet reference	Details have yet to be worked out with architect. Will be completed by 100%.	Aaron.Whiting	08/05/15
Page E2.12	656	Vol. 2	Provide missing sheet reference	Details have yet to be worked out. Will be completed by 100%.	Aaron.Whiting	08/05/15
Page E2.13	657	Vol. 2	Should this door have an exit?	Exit not required.	Aaron.Whiting	08/05/15
Page E2.13	658	Vol. 2	Provide missing sheet reference	Details have yet to be worked out with architect. Will be completed by 100%.	Aaron.Whiting	08/05/15
Page E2.13	659	Vol. 2	Provide missing sheet reference	Details have yet to be worked out with architect. Will be completed by 100%.	Aaron.Whiting	08/05/15
Page E2.13	660	Vol. 2	Provide missing sheet reference	Detail reference has been added.	Aaron.Whiting	08/05/15
Page E2.14	661	Vol. 2	Should this door have an exit?	Exiting plan on sheet G0.03 does not indicate an exit is required at this door.	Aaron.Whiting	08/05/15
Page E2.14	662	Vol. 2	Should this door have an exit?	Exiting plan on sheet G0.03 does not indicate an exit is required at this door.	Aaron.Whiting	08/05/15

Drawing or Spec Ref	Item No	Volume	Constructability Review Comments	Design Team Responses	Author	Resolution Date
Page E2.14	663	Vol. 2	Provide missing sheet reference	Details have yet to be worked out with architect. Will be completed by 100%.	Aaron.Whiting	08/05/15
Page E2.14	664	Vol. 2	Provide missing sheet reference	Details have yet to be worked out with architect. Will be completed by 100%.	Aaron.Whiting	08/05/15
Page E2.14	665	Vol. 2	Provide missing sheet reference	Detail reference has been added.	Aaron.Whiting	08/05/15
Page E2.22	666	Vol. 2	No lighting controls shown or called out.	Switch located in storage room below. Flag note has been added.	Aaron.Whiting	08/05/15
Page E2.22	667	Vol. 2	No lighting controls shown or called out	Switch located in storage room below. Flag note has been added.	Aaron.Whiting	08/05/15
Page E2.23	668	Vol. 2	No Daylight sensors shown	Seattle DPD has allowed exceptions for special needs classrooms to have manual dimming only.	Aaron.Whiting	08/05/15
Page E2.23	669	Vol. 2	Should there be a second Occupancy sensor in this room.	Yes, added.	Aaron.Whiting	08/05/15
Page E2.23	670	Vol. 2	Provide missing sheet reference	Details have yet to be worked out with architect. Will be completed by 100%.	Aaron.Whiting	08/05/15
Page E2.23	671	Vol. 2	Provide missing sheet reference	Details have yet to be worked out with architect. Will be completed by 100%.	Aaron.Whiting	08/05/15
Page E2.24	672	Vol. 2	No lighting controls shown or called out.	Switch located in storage room below per flag note 4.	Aaron.Whiting	08/05/15
Page E2.24	673	Vol. 2	Provide missing sheet reference	Detail reference has been added.	Aaron.Whiting	08/05/15
Page E2.24	674	Vol. 2	Provide missing sheet reference	Details have yet to be worked out with architect. Will be completed by 100%.	Aaron.Whiting	08/05/15
Page E2.24	675	Vol. 2	Provide missing sheet reference	Details have yet to be worked out with architect. Will be completed by 100%.	Aaron.Whiting	08/05/15
Page E3.11	676	Vol. 2	To be consistent with all other details, these devices should be removed from the plan drawing and shown only in the detail drawing.	Devices have been removed from this sheet.	Aaron.Whiting	08/05/15
Page E3.11	677	Vol. 2	Mechanical drawings show a trap primer in this location. This would require a 120V connection and circuit.	Electrical connection added.	Aaron.Whiting	08/05/15
Page E3.14	678	Vol. 2	Mechanical drawings show a trap primer in this location. This would require a 120V connection and circuit.	Electrical connection added.	Aaron.Whiting	08/05/15
Page E3.14	679	Vol. 2	Mechanical drawings show a trap primer in this location. This would require a 120V connection and circuit.	Electrical connection added.	Aaron.Whiting	08/05/15
Page E3.23	680	Vol. 2	Mechanical drawings show a trap primer in this location. This would require a 120V connection and circuit.	Electrical connection added.	Aaron.Whiting	08/05/15

Drawing or Spec Ref	Item No	Volume	Constructability Review Comments	Design Team Responses	Author	Resolution Date
Page E3.24	681	Vol. 2	Mechanical drawings show a trap primer in this location. This would require a 120V connection and circuit.	Electrical connection added.	Aaron.Whiting	08/05/15
Page E5.12	682	Vol. 2	Should one of these devices relocate to opposite wall	Devices have been adjusted for proper coverage within space.	Aaron.Whiting	08/05/15
Page E5.14	683	Vol. 2	Should this room have a strobe?	Added.	Aaron.Whiting	08/05/15
Page E5.23	684	Vol. 2	Should each of these rooms have a strobe?	Added.	Aaron.Whiting	08/05/15
Page E5.24	685	Vol. 2	Should this room have a strobe?	Added.	Aaron.Whiting	08/05/15
Page E5.24	686	Vol. 2	Should this room have a strobe?	Added.	Aaron.Whiting	08/05/15
Page E6.12	687	Vol. 2	Are there any speakers associated with this AV system?	Yes, speakers have been added.	Aaron.Whiting	08/05/15
Page E6.12	688	Vol. 2	Are there any speakers associated with this AV system	Yes, speakers have been added.	Aaron.Whiting	08/05/15
Page E6.23	689	Vol. 2	This room has no clock	Clock added.	Aaron.Whiting	08/05/15
Page E6.23	690	Vol. 2	This room has no clock	Clock added.	Aaron.Whiting	08/05/15
Page E6.24	691	Vol. 2	This room has no ceiling or wall speakers or a IR detector	Devices will be rough-in for OT/PT classroom. Flag note added to clarify.	Aaron.Whiting	08/05/15
Page E7.01	692	Vol. 2	Detail not referenced	Elevation callout added to floor plan detail 1/E7.01.	Aaron.Whiting	08/05/15
Page E7.01	693	Vol. 2	Detail not referenced	Elevation callout added to floor plan detail 2/E7.01.	Aaron.Whiting	08/05/15
Page E7.02	694	Vol. 2	Detail not referenced - Should be #3	Elevation callout added to floor plan detail 1/E7.02. Detail number changed to 3.	Aaron.Whiting	08/05/15
Page E7.04	695	Vol. 2	Detail not referenced	Detail is reference on sheet E3.12.	Aaron.Whiting	08/05/15
Page E7.04	696	Vol. 2	Detail not referenced	Detail is reference on sheet E3.12.	Aaron.Whiting	08/05/15
Page E7.04	697	Vol. 2	Detail not referenced	Detail is reference on sheet E3.11.	Aaron.Whiting	08/05/15
Page E7.04	698	Vol. 2	Detail not referenced	Detail is reference on sheet E3.11.	Aaron.Whiting	08/05/15
Page E8.01	699	Vol. 2	Two Number 7's	One of the details re-numbered to 9.	Aaron.Whiting	08/05/15
Page E8.05	700	Vol. 2	Detail not referenced	Detail references added to appropriate floor plans.	Aaron.Whiting	08/05/15
Page E8.05	701	Vol. 2	Detail not referenced	Detail references added to appropriate floor plans.	Aaron.Whiting	08/05/15
Page E8.05	702	Vol. 2	Detail not referenced	Detail references added to appropriate floor plans.	Aaron.Whiting	08/05/15
Page E8.05	703	Vol. 2	Detail not referenced	Detail references added to appropriate floor plans.	Aaron.Whiting	08/05/15
Page E8.05	704	Vol. 2	Detail not referenced	Detail references added to appropriate floor plans.	Aaron.Whiting	08/05/15
Page E8.05	705	Vol. 2	Detail not referenced	Detail references added to appropriate floor plans.	Aaron.Whiting	08/05/15

WAC 392-343-080

Value engineering studies, constructability reviews, and building commissioning -- Requirements and definition.

At the appropriate time in the design process for a school facility approved by the superintendent of public instruction, the district shall prepare a value engineering study, complete a constructability review, and perform building commissioning for all projects greater than fifty thousand square feet. Value engineering studies, constructability reviews, and building commissioning shall be optional for projects larger than fifteen thousand square feet but less than fifty thousand square feet. Any project which includes fifteen thousand square feet or less shall be exempt from this requirement. For the purpose of this section, a value engineering study is defined as a cost control technique which is based on the use of a systematic, creative analysis of the functions of the facility with the objective of identifying unnecessary high costs or functions and/or identifying cost savings that may result in high maintenance and operation costs. The study shall consist of a forty-hour workshop involving a minimum of a five-person team pursuant to WAC [392-344-065](#). A constructability review is defined as a cost control technique which is based on the review of project documents by mechanical, electrical, structural, construction, and design professionals prior to a request for bids. The purpose of a constructability review is to identify potential claim or problem areas and deficiencies that may occur as a result of errors, ambiguities, omissions, discrepancies, and conflicts in design documents. The study shall consist of a forty-hour workshop involving a minimum of a five-person team pursuant to WAC [392-344-066](#). Building commissioning is defined as the process of verifying that the installation and performance of selected building systems meet or exceed the specified design criteria and therefore satisfy the design intent. Building commissioning shall include a physical inspection, functional performance testing, listing of noted deficiencies, and a final commissioning report. Building commissioning shall be performed by a professional agent or authority not contractually or otherwise financially associated with the project design team or contractor. A district shall be eligible for state assistance for a value engineering study, a constructability review, and building commissioning for each qualifying project. The maximum amount of assistance for each component of the study package shall be the state matching percentage multiplied by the greater of the following:

- (1) Two-fifths of one percent of the area cost allowance multiplied by the square foot area for the fiscal year funded; or
- (2) Twenty thousand dollars.

[Statutory Authority: RCW [28A.525.020](#). 06-16-032, amended and recodified as § 392-343-080, filed 7/25/06, effective 8/25/06. Statutory Authority: RCW [28A.47.830](#) and [28A.525.020](#). 01-19-042, § 180-27-080, filed 9/14/01, effective 10/15/01. Statutory Authority: RCW [28A.525.020](#). 99-24-127, § 180-27-080, filed 12/1/99, effective 1/1/00; 98-19-143, § 180-27-080, filed 9/23/98, effective 10/24/98. Statutory Authority: RCW [28A.47.830](#). 83-21-066 (Order 11-83), § 180-27-080,