FROM: ROSSER INTERNATIONAL, INC.  
Two Peachtree Pointe  
1555 Peachtree Street, N.E., Suite 800  
Atlanta, Georgia 30309  

TO: BIDDERS  
Santa Barbara County Northern Branch Jail Project  
Phase 1, Project 8600  

BID ADDENDUM NO. 05  

This addendum is hereby made a part of the construction documents dated September 14, 2015 on the subject work as though originally included therein. Prospective Bidders shall acknowledge receipt of this addendum in the space provided on the Bid Form. Failure to do so may subject Bidder to disqualification. The following amendments, additions and/or corrections shall govern this work.  

NOTE: Bid Addendum No. 02 extended the bid date to April 7, 2016. Bid Addendum No. 05 does not further extend the bid deadline.  

GENERAL INFORMATION:  

All Requests for Substitution received by the deadline have been reviewed.  
- Those products which were not approved will not be listed.  
- Approved products are identified by specification section revisions under the heading APPROVED “AS EQUAL” SUBSTITUTIONS in the CHANGES AND/OR CLARIFICATIONS TO THE PROJECT MANUAL / CONTRACT FORMS: area of Addendum No. 2 and this Addendum No. 5.  

CHANGES AND/OR CLARIFICATIONS TO THE PROJECT MANUAL / CONTRACT FORMS:  

APPROVED “AS EQUAL” SUBSTITUTIONS  

A5-1 Section 07 26 50 – Under Slab Vapor Retarder  
a. Re: Article 2.1 Vapor Retarder, paragraph A. Acceptable Products; subject to compliance with specified requirements. To the end of list, add the following subparagraph:  
“5. Viper Vaporcheck II 15-Mil “Class A” Vapor Barrier by Insulation Solutions.”  

A5-2 Section 10 51 13 – Metal Lockers  
a. Re: Article 2.3 Single-Tier Wardrobe Lockers, paragraph A. Acceptable Manufacturers; Subject to compliance with specified requirements. To the end of list, add the following subparagraph:  
“8. Penco Vanguard; WEC Durable Series Lockers/WEC Mfg.”
A5-3 Section 11 19 02 – Security Metal Fabrications
   a. Re: Acceptable Welded Wire Mesh Barrier System Manufacturers paragraph 2.5A, to the end of list, add the following subparagraph:
      “4. Viking Products”

A5-4 Section 11 19 50 – Security Accessories
   a. Re: Non-Rated Package Receiver paragraph 2.5A, 1, a, to the end of list, add the following subparagraph:

A5-5 Section 11 66 00 – Athletic Equipment
   a. Re: Article 2.1 Basketball Backboards and Goals, paragraph A. Acceptable Products; subject to compliance with specified requirements. To the end of list, add the following subparagraphs:
      “5. Arizona Courtlines, Inc. (ACI); FBB-AL 54” x 39” Fan Aluminum Backboard.
      6. Arizona Courtlines, Inc. (ACA); FM-2 Front Mount, Fixed Goal (Double Rim).”

A5-6 Section 23 09 23 – Direct-Digital Control System For HVAC
   a. Re: Article 2.1 Manufacturers, Add Alerton as an acceptable manufacturer:
      “5. Alerton”
   b. Re: Article 2.1 Manufacturers, Add Automated Logic Corp as an acceptable manufacturer:
      “6. Automated Logic Corp”

*******************************END OF APPROVED “AS EQUAL” SUBSTITUTIONS*******************************

A5-7 Document 00 01 10 – Table Of Contents
   a. Re: TABLE OF CONTENTS. Add the following new specification section issued by and attached to this Addendum:
      “10 22 13 WIRE MESH PARTITIONS”

A5-8 Section 01 11 00 – Summary of Work
   a. Re: subparagraph 1.05.C Add: “4. The Contractor shall furnish all electrical power, conductors and raceways to energize the pumps and electrical equipment installed by the Bid Package Two Contractor.”

A5-9 Section 01 12 00 - Multiple Contract Summary
   a. Re: Part 3 - Execution Add: “3.02 Schedule” and “3.02.1. The Contractor shall furnish all electrical power, conductors and raceways to energize the pumps and electrical equipment installed by the Bid Package Two Contractor within one hundred and twenty (120) days of contract execution.”

A5-10 Section 09 96 56 – Epoxy Coatings
   a. Delete: Subparagraph 1.2. A.1.b Laundry without substitution.
Section 10 56 13 – Metal Storage Shelving

a. Re: Paragraph 2.2.A. Acceptable Products; subject to compliance with specified requirements, add the following subparagraphs:
   5. Global Industrial
   6. Uline
   7. Tennsco

b. Re: Subparagraph 2.2.B.5, delete: “in addition to top and bottom shelf.” Without substitution.

c. Re: Subparagraph 2.2.B.8, Add: “Default Unit height nominal 72” unless noted otherwise.”

Section 12 93 00 – Site Furnishings

a. Re: Paragraph 2.2.C, Change: The word “Color” to “Powder.” The bike racks are to be powder coated.

Section 22 11 16 – Domestic Water Piping

a. Re: Paragraph 3.18.G Add:
   “2. Or – CPVC, pipe and fittings, schedule 40, with socket fittings and solvent-cement joints. (Delete for alternate bid.)”

Section 22 45 00 – Emergency Plumbing Fixture

a. Delete: Article 2.2 Eye Wash Equipment without substitution, and renumber succeeding Articles accordingly.

b. Re: Article 2.3 Eye Wash Equipment, Paragraph A Eye/Face Wash Equipment (EFW), Change: Fixture tag “(EWF)” to “(EW-1)”.

c. Re: Article 2.4 Combination Units, Add: Fixture tag “(EWS-1)”.

Section 26 05 33– Raceways and Boxes for Electrical Systems

a. Add: 3.1.B.11: Underslab conduit: RNC, Type EPC-40-PVC.

Changes and/or Clarifications to the Project Drawings:

Note: Because of the nature of the following revisions and time limitations, the following drawings are not being altered or issued to show the referenced revisions; these drawings as herein revised are made a part of the contract requirements.

Sheet C0.02 – Civil General Notes

a. Remove the callouts for “Beg Onsite FW” and “Beg Onsite SWR.”

Sheet C1.2.03 – Utility Plan

a. Remove the callouts for “Beg Onsite FW” and “Beg Onsite SWR.”

b. Add to Plan Note #8, “See sketch SKC-004, addendum #5”
A5-18  Sheet C5.1.04 – Details Drainage
   a. Change pipe material in details AB and AC to SDR

A5-19  Sheet S0.17 – Typical Metal Deck Details
   a. Re: Detail H, Metal Deck Schedule Delete: Deck Mark 2, Type W3 without substitution

A5-20  Sheet S1.3.0.5 – Dimension Plan Area 5
   a. Add a dimension between column lines 5A and 5B of 55'-0"

A5-21  Sheet S1.3.3.4.1 – Partial Roof Framing Plan Area 4
   a. Details 2 and 3 Add: Deck designation “D1”

A5-22  Sheet A1.1.5 – Architectural Enlarged Site Public Parking
   a. At Keynotes 13 and 14, delete “See Sheet A1.3.1.0” and add the following:
      “See Gate Schedule, Sheet J0.51.”

A5-23  Sheet A1.1.6 – Architectural Enlarged Site Staff Parking
   a. At Keynotes 13 and 14, delete “See Sheet A1.3.1.0” and add the following:
      “See Gate Schedule, Sheet J0.51.”

A5-24  Sheet A1.1.7 – Architectural Enlarged Site Vehicular Sallyport
   a. At Keynotes 13 and 14, delete “See sheet A1.3.1.0” and add the following:
      “See Gate Schedule, Sheet J0.51.”
   b. Delete Keynote “14” at Vehicular Sallyport Plan, plan east, and add the following note with arrow
      at the same location:
      “See Ground Floor Plan 1/A1.3.1.3.”
   c. Plan Note #32: Change the reference to the Structural Plans to Sheet C5.1.01 for typical slab and
      slab edge details.
   d. Plan Note #14: Delete in its entirety without substitution.

A5-25  Sheet A1.1.8 – Architectural Enlarged Site Service Yard
   a. Plan Note #14: Delete in its entirety without substitution.
   b. Plan Note #31: Change to manual Dock Leveler
   c. At Keynotes 13 and 14, delete “See Sheet A1.3.1.0” and add the following:
      “See Gate Schedule, Sheet J0.51.”

A5-26  Sheet A1.1.9 – Architectural Enlarged Site Public Entry
   a. At Keynotes 13 and 14, delete “See Sheet A1.3.1.0” and add the following:
      “See Gate Schedule, Sheet J0.51.”

A5-27  Sheet A1.1.40 – Architectural Site Details
   a. Detail 18: delete without substitution. Install specified bike rack per manufacturer’s standard
      “imbedded” installation details.
A5-28  Sheet A1.3.1.4 – Ground Floor Plan – Area 4
   a.  At Room P188 Washer Area, add leader pointing to full-height barrier at front of washers plan
      south with the following note:
      “Wire Mesh Partition – See spec. 10 22 13.”

A5-29  Sheet A1.3.1.5 – Ground Floor Plan – Area 5
   a.  Add: A section tag through a window in room R124, “1/A3.50 Similar”
   b.  Add: A section tag through the east wall of room U101, “1/A3.51 Similar”

A5-30  Sheet A2.03 – Exterior Elevations
   a.  Detail 5: Delete notes for EIFS colors and replace with “Metal wall panels”

A5-31  Sheet A3.51 – Wall Section Area 5
   a.  Detail 1 – Wall Section Area 5: Change the Unit designation from “U” to “R”
   b.  Detail 1 – Wall Section Area 5: Delete the note for “1 ½” Mtl Deck on Pre-fab Stl Str without
      substitution.
   c.  Detail 1 – Wall Section Area 5: Change the roofing note to “Standing Seam”

A5-32  Sheet A3.XX – Architectural Wall Section Sheet Series
   a.  General Notification: There are no insulated masonry units in the project. Use Concrete Masonry
      Units as specified in section 04 20 00, Unit Masonry. Supply units the nominal width noted and
      grouted solid as noted. This does not change walls receiving stucco or EIFS.
   b.  Plan Note #14: Delete in its entirety without substitution.

A5-33  Sheet A3.13 – Wall Section Area 1
   a.  Detail 1, Wall Section – Area 1, Unit G Delete: Note provide a Metal Column Wrap and replace
      with the word “Painted”

A5-34  Sheet A4.03 – Enlarged Plans
   a.  Detail 6, Area 4 / Section P Locker Rooms Add: one mirror above each lavatory in rooms P171
      and P174

A5-35  Sheet A5.01 – Exterior Details
   a.  Detail 1, Footing at Grade Delete: 2” Soap Block and 2” Rigid Insulation. Provide a standard 12”
      CMU grouted solid.

A5-36  Sheet A5.0X – Exterior Detail Sheet Series
   a.  General Notification: There are no insulated masonry units in the project. Use Concrete Masonry
      Units as specified in section 04 20 00, Unit Masonry. Supply units the nominal width noted and
      grouted solid as noted. This does not change walls receiving stucco or EIFS.
Add: A General Note that says, “In rooms that are to receive a combination of ceramic tile and paint as the wall finish, provide ceramic tile on the wall where the plumbing fixtures are located to the ceiling. The other three walls receive paint.”

Rooms K12, K13, K14 Change: Floor and Base finish to Seamless

Room K109 Change: Walls to Paint

Rooms K109, K110 and K111 Change: Floor to VCT and Base to Resilient

Rooms P101, P102 and P105 Change: Floor and Base to Ceramic Tile

Rooms P103, P104, P106 and P107 Change: Floor to Carpet and Base to Resilient

Rooms J141, M126, and M127 Change: Base to Resilient

Room T102, Change: Base to None

Rooms P189 and P192, Change: Floor and Base to Seamless

Delete window type “W3.”

At Control Station A121, plan south at the wall to the right of the view panel, add a rectangle graphic and label “AKC.”

At Officer Station G109, add a rectangle graphic adjacent to the stair and label “AKC.”

On switchboard HOS change the frame size to 400A and the trip rating to 225A for the breaker HOS-9 that feeds UPS SE P176. Change the circuit description to read ‘UPS UDP1’.

On switchboard HOS change the trip rating to 225A for the breaker HOS-12 that feeds UPS2 SE P176. Change the circuit description to read ‘UPS UDP2’.

On panel HOSC change the circuit HOSC-10,-12,-14 to be spare.

On switchboard HOSD change the trip rating to 175A for the breaker HOSD-15,-17,-19 that feeds SCRTY ELEC Z108 30 KVA. Change the circuit description to read ‘UPS UDZ’.

Add one TMV-26 for the EWS-1 in room P186

The following supplementary drawings (sketches) are hereby issued on this work, dated as noted. They shall be as binding as though included in the original contract documents.

<table>
<thead>
<tr>
<th>Drawing</th>
<th>Title</th>
<th>Issue Date</th>
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</thead>
<tbody>
<tr>
<td>SKC-001</td>
<td>Partial Utility Plan</td>
<td>03/31/16</td>
</tr>
<tr>
<td>SKC-002</td>
<td>Partial Grading and Drainage Plan</td>
<td>03/31/16</td>
</tr>
<tr>
<td>SKC-003</td>
<td>Partial Grading and Drainage Plan</td>
<td>03/31/16</td>
</tr>
<tr>
<td>SKC-004</td>
<td>Backwater Valve Detail for Note #8</td>
<td>03/31/16</td>
</tr>
<tr>
<td>SKFP-001</td>
<td>Partial Ground Floor Plan</td>
<td>03/31/16</td>
</tr>
</tbody>
</table>
PRE-BID QUESTIONS:

A5-47  Question:
Notes 38, 37, 3, 45, and 46 duplicates work in Phase II Black Road Details, entrance C1.5.02. Does the Phase I Contractor do the entrance or the Phase II contractor?

Response:
Sheet C1.1.05- Grading and Drainage: See Sketches SKC-002 and SKC-003 attached to this addendum for match line/delineation of the work between the two bid packages.

A5-48  Question:
Notes 32, 37, 38 duplicates work in Phase II Black Road Details, entrance C1.5.02. Does the Phase I Contractor do the entrance or does the Phase II contractor?

Response:
Sheet C1.1.09- Grading and Drainage: See Sketches SKC-002 and SKC-003 attached to this addendum for match line/delineation of the work between the two bid packages.

A5-49  Question:
Just below the firewater pump station is a note (Beg onsite firewater). Do we the site utility contractor install the firewater pump station? The note is confusing. The sewer note shows the sewer starting at the wet well. I know that’s wrong? That is all part of Phase II.

Response:
Sheet C1.2.03- Utility Plan: Yes, the Bid Package One Contractor shall construct the Fire Water Pump Station. The Sewer Lift Station (everything included within the fenced LCSD area) is part of Bid Package Two with the exception of any electrical work that shall be done by the Bid Package One Contractor. The callouts for “Beg Onsite FW” and “Beg Onsite SWR” should be removed. See Sketch SKC-001 attached to this addendum.

A5-50  Question:
Specification Section 33 12 19: Under 2.3.E. Interior Surfaces you say to epoxy coat interior FH. I have never seen that. I don’t believe they make FH with an interior epoxy coat.

Response:
Do not epoxy coat the interior of the fire hydrant. Subparagraph 2.3.E.2 was deleted by Addendum No. 3 under “Clarifications to Project Manual…."

A5-51  Question:
Re: Earthwork. Note 13 on S0.01 references recommendations in the geotechnical report. Please confirm that costs for soil undercuts specified in the geotechnical report are to be carried in their entirety within the base bid.

Response:
Yes, the costs for the work included in “10.0 – Preliminary Recommendations” should be included in their entirety in the base bid with the exception of any “deeper removals based on field conditions.” Deeper removals based upon field conditions cannot be quantified and would be considered an unforeseen condition to be administered during construction.
A5-52 Question:
Specification 104400 references Fire Extinguisher Cabinets-Detention (FECD) but these do not appear on the drawings. Please confirm there are no FECD on the project.

Response:
At all plan locations indicating a fire extinguisher cabinet or FEC, provide Fire Extinguisher Cabinets-Detention (FECD) per Specification 104400.

A5-53 Question:
Please provide additional information on BIM requirements for the bid regarding the General Contractor’s involvement. What level of files will be provided at the start of construction, what subs will be required to provide BIM, along with detail of information required and what level will the As-built drawings need to be? The specification is too vague and unclear on what, if any the actual requirements are for the General Contractor for the bid/project.

Response:
The BIM Model will be a “Revit” file developed generally to level 3. The general intent is that the BIM model is being provided to the Contractor as a tool to facilitate the Contractor’s work. The specifications note that subcontractors need only participate “depending on subcontractor capability.” Contractor and subcontractor shop drawings may be produced with the aid of the BIM model but are not a contract requirement. It was never the intent that the Contractor provide a BIM model developed beyond level 3. Phased/timed/cost loaded construction per level 4 and installed product information per level 5 is NOT required. It is the intent that by providing the BIM model to the Contractor that the BIM model will facilitate the production of coordination drawings and record drawings.

A5-54 Question:
Civil drawings refer to “offsite utilities plans” for continuation at the sewer lift station. Please provide details on where the work stops for this project.

Response:
The work for Bid Package 1, with the exception of electrical, stops at the fence for the sewer lift station. All work within the lift station fence is part of Bid Package 2. See also Sketch SKC-001 in this Addendum.

A5-55 Question:
Drawing Sheet C1.2.02, Section Firelines, re: Missing Information. Note 42 – Provide free-standing FDC 10 feet from hydrant. But it does not go anywhere? What do we build?

Response:
See Sketch SKFP-001 added by this Addendum for connection information.

A5-56 Question:
Re: Mislabeled Details. Notes 13 & 14 on A1.1.7 refer you to A1.3.10 for gate info. This is incorrect. Please provide the correct page number or details for these gates.

Response:
See Gate Schedule, sheet J0.51.

A5-57 Question:
Page A1.1.9, note 42 refers you to page A2.10. This page does not exist. Please provide.

Response:
See Addendum #3 for response.
A5-58  Question:
Re: Alternates. There are multiple callouts on the drawings for alternates that do not relate to the alternates provided in the specifications. Please clarify that any alternates noted on the drawings are not applicable and the specifications should be followed.

Response:
Addendum #4 included multiple items to resolve conflicts. Yes, the alternates as described in the specifications should be followed.

A5-59  Question:
Per the architectural floor plans, there are callouts such as, RFI-1, RFI-2, CP-1, RAF, etc. These callouts are not referenced on the finish schedule or in the specifications. What are these? Please provide a complete finish schedule with callouts for flooring type and room locations. Please provide finish floor plans that correspond to a finish schedule with all flooring callouts, similar to the RCP drawings with callouts for each room.

Response:
1. RF is the same as Resilient Flooring or Vinyl Composition Tile (VCT). VCT is noted within the finish schedule. RF=VCT. The numbers indicate differing colors to be selected during the shop drawing process.
2. CP is the same as CPT noted on the finish schedule as Carpet. CP=CPT. The numbers indicate differing colors to be selected during the shop drawing process.
3. RAF is the same as Raised Access Floor which appears in the Finish Schedule as PLAM. See also Floor Plan Note #7. RAF=PLAM.
4. CT appears in the Finish Schedule. The numbers indicate differing colors to be selected during the shop drawing process.

A5-60  Question:
Page A1.3.1.1 calls out details 1-3/A2.15 for interior elevations. This page does not exist. Please provide complete interior elevations for the project.

Response:
See Addendum #2 for response.

A5-61  Question:
Detail 6 on A4.01, staff toilets call for shelving racks in the supply rooms G131 & G128. Please provide details or information on these shelves if they are required by the GC.

Response:
Metal Storage Shelving is specified in section 10 56 13 Metal Storage Shelving.

A5-62  Question:
Multiple spec sections have requirements for LEED credits. As this project is not LEED certified, please confirm the requirements for LEED do not apply.

Response:
The Project will not be submitted for certification, but the requirements of Specification Section 01 81 13, Sustainable Design Requirements, and LEED aspects included in the technical specifications DO apply.
A5-63  **Question:**
Page A1.3.1.3 calls for the contractor to provide a 40'x10' shipping container placed on a slab outside the vehicle sally port and to see civil for slab info. The civil drawings do not call out for a slab. Please provide more information on the requirements for a container and concrete slab.

**Response:**
The notes on sheet A1.3.1.3 were deleted by Addendum #2 to remove the conflict. Note #31 on sheet A1.1.7 calls for a 21' by 37' by 6" deep concrete pad. Note #32 says that the containers are Owner furnished and Owner installed.

A5-64  **Question:**
Drawing Sheet C1.2.03, Utility Plan, re: Sewer overflow pipes in Fire Water Reservoir. Note 3 – the plans show to use 8” SDR 35 Pipe. But you go to Sheet C5.1.04 Details Drainage (AC) and the details show HDPE Pipe and Risers. Do we stick with 8” SDR 35?

**Response:**
1. Use SDR per this addendum.
2. The detail shows a resulting change in direction of 90 degrees by using two 45 degree elbows.

A5-65  **Question:**
Drawing Sheet C1.2.03, Utility Plan, re: Missing Information. Note 8 – Provide sewer connection to plumbing system per Architectural plans. I have looked; I cannot find that detail. Specs Sanitary Sewer Utilities 33 30 00-3, Part 2, B PVC Backwater Valves states a backwater valve shall be installed for all new sewer connections? Please provide detail.

**Response:**
Detail Provided by this Addendum.

A5-66  **Question:**
Detail C on sheet C5.1.01 shows 1'-0" of over-excavation and re-compaction below the concrete walkway while detail D shows class 2 aggregate base below the concrete walkway.

On page 31 20 00 - 7 of the specifications in section 3.11, C., 2. it states that "under walkways, scarify and re-compact 12 inches below subgrade and compact each layer of backfill or fill soil material to a minimum of 95 percent."

The geotechnical engineering report recommends a 12 to 18 inch thick layer of compacted, non-expansive (coarse grained and expansion index of 10 or less) material beneath the all flatwork.

According to the expansion index test results in the geotechnical engineering report, the existing material does not meet the expansion index requirement.

Questions:
1. Does non expansive material need to be used below the concrete walkways or can the existing subgrade be scarified and re-compact to 95 percent.
2. Does base need to be installed below the concrete sidewalks as shown in detail D of C5.1.01? If so, at what thickness does it need to be installed to and is it deemed to be part of the 18" of non-expansive material?

**Response:**
1. Yes, non-expansive material shall be used below concrete walkways.
2. Aggregate base is not needed under concrete sidewalk. All concrete sidewalk subgrade shall be per detail C Sheet C5.1.01.
A5-67  **Question:**
Drawing Sheet C5.1.01, Detail “I,” re: Subgrade Enhancement Geotextile. What "class" of Subgrade Enhancement Geotextile fabric is required, and shall it be woven or non-woven?

**Response:**
Geotextile shall be per Caltrans Standard Specifications Section 19-10 Subgrade Enhancement Geosynthetic. Materials: Subgrade enhancement geogrid must be biaxial geogrid.

A5-68  **Question:**
Re: Ornamental Metals. Note 14 on Drawing A1.1.8 for the Personnel Gate references Drawing A1.3.1.0 which appears to be an incorrect callout. Please confirm the gate detailed on Drawing A5.06 is intended for the location indicated by Note 14 at the entrance to the service yard.

**Response:**
The detail on A5.06 is not the correct detail. These gates are scheduled on the architectural floor plans as “EE”. Plan note #14 is deleted by this Addendum to resolve the conflict.

A5-69  **Question:**
Re: Door Hardware. The cylinders specified in 087100 2.5.A (BH-CYL) for the access doors are not compatible with the specified access doors. Please confirm if the following cylinder would be acceptable to install at the access doors: Schlage Mortise Cylinder; Large Format IC Core (part number 20-059 626) w/hollow plastic core.

**Response:**
Provide access panel manufacturer’s deadbolt type lock prepped to receive Div. 8 cylinder as specified.

A5-70  **Question:**
Re: Insulated Masonry Units:
1) Please provide an alternate product (such as the Basalite Hi-R) to the struck NRG Insulated CMU.
2) Please confirm the intent of the details on Drawings A5.01-A5.03 showing 8” grout-filled CMU, 2” rigid insulation, and 2” soap block is for a 12” prefabricated insulated masonry unit rather than laying separate wythes of material for a cavity assembly

**Response:**
1) There are no insulated Masonry Units specified.

A5-71  **Question:**
Re: Dock Leveler. Key Note #31 on Drawing A1.1.8 references an "electrical dock leveler."
Specification section 111300 indicates a manual operation dock leveler. Please indicate which type of dock leveler is required.

**Response:**
Manual.

A5-72  **Question:**
Drawing Sheet A1.1.9, Re: Site Furnishings. The specified Quick Crete concrete benches and planters weigh over a ton apiece. Please advise if any additional foundations or reinforcing are required at the plaza to support them.

**Response:**
No additional foundations are required.
A5-73  Question:  
Drawing Sheet A5.81, re: Door Frames. Door Openings P156 & P165 are a Type F08 frame which requires glazing but the glass type for the frame is not listed on the door schedule. Please indicate the desired glass type.

Response:  
Provide same as noted for doors as indicated in the Door Schedule Legend – Frame Glass note, sheets A5.50 – A5.56.

A5-74  Question:  
Sheet A5.81. Frame Type F08A is noted on the door schedule for opening D111 but does not appear on the elevation drawings. Please provide an elevation for this frame type.

Response:  
Correct frame type is F07. See Addendum No. 3.

A5-75  Question:  
Sheet A5.83, re: Door Frames. Frame Type F07B is noted on the door schedule for opening X141 but does not appear on the elevation drawings. Please provide an elevation for this frame type.

Response:  
Correct frame type is F19. See Addendum No. 3.

A5-76  Question:  
Sheet A5.83. Window Type W3 is not found on the plans. Please confirm this window type is not used or advise of its location.

Response:  
Type W3 is not used.

A5-77  Question:  
1) The window on the east elevation of Room P132 is called out as Type W13 on elevation Drawing A2.02 but Type W8 on plan Drawing A1.3.1.4. Please confirm Type W13 is the correct designation for this window.
2) The window on the north elevation of Room P132 is called out as Type W10 on elevation Drawing A2.02 and Type W8 on plan Drawing A1.3.1.4 but appears as though it should be Type W13. Please confirm Type W13 is the correct designation for this window.

Response:  
1) Type W13 is correct. See Addendum No. 3.
2) Type W13 is correct. See Addendum No. 3.

A5-78  Question:  
Re: Site Furnishings. Detail 18 on Drawing A1.1.40 shows Landscapeforms "Ring" model for the bike rack but the Basis of Design model in Specification 129300 indicates a Madrax model GNS-8-SF-P. Please clarify which model should be provided.

Response:  
Provide specified rack.
A5-79  **Question:**
Section 13 34 19 Pre-Engineered Metal Building. The design loading criteria on the drawings or in the specifications don’t clarify the required collateral load. What is the required collateral load for both buildings?

**Response:**
The collateral loading is specified by the building manufacturer. It is not a load dictated or required by the Structural Engineer Of Record.

A5-80  **Question:**
Section 13 34 19, re: Pre-Engineered Metal Building. The Live Load stated on the structural drawings calls for a 20# Live Load. Can a 20# Live Load reducible per CBC 2013 be utilized?

**Response:**
Yes, the 20psf roof live load is reducible by the CBC.

A5-81  **Question:**
Section 13 34 19, re: Pre-Engineered Metal Building. Section 13 34 19 refers specifically to soffit panels. The drawings don’t show any metal soffit panels. Are there metal soffit panels on the pre-engineered metal building?

**Response:**
There are no metal soffit panels

A5-82  **Question:**
Section 13 34 19, re: Pre-Engineered Metal Building. There doesn’t appear to be a detail called out for the exterior wall at the east elevation of building “U” (Central Utilities Plant). Is the exterior wall to be the specified metal wall panel similar to detail 2/A3.50?

**Response:**
Notes on the elevation 4/A2.03 indicate two colors of EIFS on the East wall. Use wall section 1/A3.51 similar without the canopy, walk, etc.

A5-83  **Question:**
Section 13 34 19, re: Pre-Engineered Metal Building. Please clarify detail 1/3.51. This detail might be for building “R” (warehouse) not building “U” as shown. There isn’t any canopy area at either end wall of building “U”. Also, the detail shows a metal tile roof not the standing seam roof as specified and shown on other drawings?

**Response:**
This detail is correct per the section indication on Sheet A1.3.1.5. The detail is modified by this Addendum to reference building “R” and to correctly note the roof construction

A5-84  **Question:**
Section 13 34 19, re: Pre-Engineered Metal Building. Please clarify the exterior wall detail for building “R” south elevation at line 5-B between 5-1 and 6-1. The drawings seem to show exposed metal panels, however, there is no specific detail. What is the exterior wall detail?

**Response:**
The correct wall section is 1/A3.50.
A5-85  **Question:**
Section 13 34 19, re: Pre-Engineered Metal Building. The specifications and drawings refer to a standing seam roof system on both buildings. Is the standing seam metal roof system, as specified, to be installed on both buildings over the complete roof area?

**Response:**
Yes, on both buildings over the entire area. Canopies are not.

A5-86  **Question:**
Section 13 34 19, re: Pre-Engineered Metal Building. There [don’t] appear to be any hard/clear dimensions for the width, length and bay spacing. For clarification can clearer dimensions be provided?

**Response:**
The outside face of structural steel to outside face of structural steel, column line 5-1 to column line 5-2 is given as 113’3’1/8” on sheet S1.3.0.5. The dimension for the outside face of steel to the Outside face of steel, column line 5A to 5B is 55’-0”

A5-87  **Question:**
Section 13 34 19, re: Pre-Engineered Metal Building. The covered walkway at lines 6-B between 6-1 and 6-2 and 6-1 between 5-A and 5-B show metal roofing on drawing A1.3.3.0. Other details show BUR. What is the roofing material on the walkway canopies? If the roofing is a metal panel, what type?

**Response:**
A1.3.3.0 Indicates the canopy roofs to be “MB” or modified bitumen which is line with the details noted above. There are no metal roofs on the canopies, they are BUR.

A5-88  **Question:**
Section 13 34 19, re: Pre-Engineered Metal Building. Is the detail for the west elevation exterior wall 2/A3.50 sim. on building “R” also to include the area above the walkway canopy to be exterior metal siding?

**Response:**
Yes.

A5-89  **Question:**
Section 13 34 19, re: Pre-Engineered Metal Building. Please clarify where the metal siding below the canopy stops in detail a/A3.51. Also, as mentioned above, please clarify where this detail is located.

**Response:**
All details on A3.51 have EIFS as the finish material.

A5-90  **Question:**
Section 13 34 19, re: Pre-Engineered Metal Building. Please clarify that the roof panel in section 07-41-14-3 doesn’t apply to the pre-engineered metal building section. Is the standing seam panel specified in the pre-engineered metal building section the required roof panel?

**Response:**
Yes.

A5-91  **Question:**
Section 13 34 19, re: Pre-Engineered Metal Building. Please clarify the EFIS color No. 1 and EFIS color No. 2 shown on several architectural drawings. For one instance only reference 6/A2.03. Will the Kynar 500 color be chosen from the manufacturer’s standard colors subject to owner/architect selection? It
should be noted that the panels shouldn’t be field painted and there is no detail for alternating wall panel colors either horizontally or vertically.

Response:
EIFS color change is for EIFS covered walls only. Metal wall panels will be a single color as specified.

A5-92  Question:
Section Div. 23, re: Emergency Fixtures. At the bottom of the Mixing Valve fixture schedule, there is a TMV-24 through 27 which is indicated for safety/emergence fixtures or equipment. There is not a symbol with a fixture description on the fixture schedule to go by. Please provide a fixture schedule/description for these items.

Response:
Provide one each TMV-24 for each EW-1. Provide one each TMV-26 for each EWS-1.

A5-93  Question:
Section Div. 23, re: “RW” Piping Material. Plumbing Drawings P1.4.0.51 show a 3” “RW” riser coming up in the building. I am assuming this is Recycled Water, please confirm. Also please provide a spec for both above and below grade RW piping material.

Response:
The same as specified for Domestic Water Piping, Section 22.11.16.

A5-94  Question:
Re: Prequalified Subcontractors. In ‘Notice to Bidders’ it states “Contractor shall list in their bid only prequalified Subcontractors”. Two questions in regards to this sentence:
1-If the prequalified subcontractor is a second-tier subcontractor, does the prequalified subcontractor still need to be listed on bid day?
2-Do prequalified subcontractors need to be listed regardless if their bid is above, or below, the listing limit of one-half of 1%?

Response:
1. The Pre-qualified Subcontractors referenced are only the Div 11 and Div 28 subcontractors requiring special pre-qualification by those divisions.
2. The prequalified subcontractors need to be listed regardless if their bid is above, or below, the listing limit of one-half of 1%

A5-95  Question:
Re: Base/Sand below slab-on-grade. Foundation Plan Note 11/S1.3.1.0 indicted slab-on-grade to have a vapor barrier over 4” crushed rock and to reference the Geotech Report for additional requirements. The Geotech Report provided in Spec 02 00 00 indicates a vapor barrier between 4” of sand layer is to be provided under the slab-on-grade. Please clarify.

Response:
Encasement of the vapor barrier by sand is only a suggestion in the Geotech report to protect the vapor barrier during slab placement. It is not a contract requirement.

A5-96  Question:
Sheet 1 & 2/A3.10, Section 04 20 00 Masonry, re: Insulated Block. Specification section 04 20 00 – Unit Masonry deleted the requirements for insulated block. Structural drawings and Architectural wall types do not show any insulated block. Various Architectural wall sections (i.e.: 1 & 2/A3.10, 1 & 3/A3.11, 1
& 2/A3.12, etc.) show a 12” insulated block at the exterior walls. Please confirm regular ACMU is required and there is NO insulated block on this project.

Response:
Provide the specified CMU. There is no insulated CMU in the project.

A5-97  **Question:**
Section 11 19 10, re: Security Fencing. Security Drawing J0.51 shows a different fence configuration than the Architectural site and Civil drawings A1.1.2, C1.1.14 and C1.1.22. Please advise which is correct or reissue J0.51 to match.

Response:
See Architectural and Civil Site Plans for correct fence layout.

A5-98  **Question:**
Section 11 19 10, re: Security Gates G3 & G18. Security drawing J0.51 shows man gates G3 & G18 at the support building. Sheets A1.1.2, C1.1.14 and C1.1.22 do not show these two gates in the location shown. Please clarify.

Response:
Locate gates G3 and G18 as indicated on sheet J0.51, consistent with locations indicated on sheet A1.1.2.

A5-99  **Question:**
Section 09 67 25, re: K12, K13, K14 flooring. Please confirm Kitchen rooms K12, K13, & K14 should be Seamless flooring to match adjacent kitchen flooring and specification 09 67 25/1.2A. Finish floor plan A5.42 indicates these rooms to have Resilient VCT flooring.

Response:
Yes, use resilient flooring.

A5-100  **Question:**
The seamless flooring Specification 09 67 25/1.2A indicates two types of flooring systems – epoxy and polyurethane. Finish schedule A5.41 & 5.42 indicates “Epoxy” for all of the seamless flooring areas. Please confirm we are to follow the specifications for the areas to receive the two types (Kitchen & support areas get polyurethane; Showers, toilet rooms get epoxy).

Response:
Yes, the specifications apply.

A5-101  **Question:**
Section 09 67 25. Rooms K109, K110 & K111 are shown to have resilient flooring RF1 and RF2 per drawing A1.3.1.3 and seamless flooring on finish schedule A5.42. Please clarify these are to be resilient RF1 & RF2 to match the floor plan and adjacent Room K112.

Response:
Provide Resilient Flooring (VCT).

A5-102  **Question:**
Section 09 66 00, re: Lobby Finishes. Please clarify the location of the terrazzo flooring at the Lobby and surrounding rooms. Finish schedule A5.42 indicates Terrazzo at rooms P101-P107.
1. Floor plan A1.3.1.4 indicates CT1 & CT2 at P120, finish schedule indicates Precast concrete.
2. Floor plan A1.3.1.4 indicates CT1 & CT2 at P101 & P102, finish schedule indicates terrazzo.
3. Floor plan A1.3.1.4 indicates CP1 & CP2 at P104 & P105, finish schedule indicates terrazzo. Please clarify.

Response:
The Floor Plans are correct.

A5-103  Question:
Sheets A1.3.1.3, A5.24, Section 09 65 00, re: Misc. Room Finishes. Various rooms are indicated on the Finish Schedule A5.42 to have seamless base with carpet, concrete and VCT flooring. Please clarify the base to the resilient “RES” at rooms T102, J141, M126 & M127.

Response:
Yes.

A5-104  Question:
Sheets A1.3.1.4, A5.42, re: Laundry Area Flooring. Laundry area rooms P186, P188 & P189 are indicated to have “CONC” flooring on finish schedule A5.42. Seamless Flooring Spec 09 67 25 indicates the laundry to have seamless flooring. Please clarify the flooring for the laundry area rooms

Response:
Specification is correct.

A5-105  Question:
Sheet S1.3.1.5, Section 13 34 19, re: Metal Building. Note on above sheet states “Pre-manufactured building by others”. Please clarify if the metal building is to be included as part of this bid/project.

Response:
The Pre-manufactured building is included as part of this bid/project.

A5-106  Question:
Sheet S1.3.2.0, re: Concrete Fill. Floor framing plan legend notes dark gray area as “Indicates extent of concrete fill over metal [deck] by others”. Please clarify if the ‘concrete fill’ is to be included as part of this bid/project.

Response:
The ‘concrete fill’ is to be included as part of this bid/project.

A5-107  Question:
Section 32 05 23, re: Outdoor Rec Area Pavement. Please clarify what is required at the outdoor recreation area shown on A1.1.2, Note #3 for pavement. Civil plans do not show any paving in this area (ref: C1.1.10 & C1.1.22). Please provide specifics (thickness, finish, reinforcing, section cut, etc.).

Response:
See Addendum #2 for response.

A5-108  Question:
Section 10 28 13. Please provide the size for the mirrors located in the staff toilet rooms and non-detention toilet rooms. Please also clarify if there are mirrors above the sinks in locker rooms P171 and P174. If they are required please specify the model and sizes required at these two locations.

Response:
All mirrors are 24” X 36” per G0.05. Yes, there are mirrors in Rooms P171 and 174
A5-109  **Question:**
Section 10 56 13. Please clarify the manufacturer and type of metal shelving for MSS1A, MSS1B, MSS1C, MSS1D, MSS1E, and MSS1F. The legend on Drawing A1.3.1.5 shows these as 4’x4’, 6’x2’, 6’x4’, 7’x4’, 8’x2’, and 4’x8’, however these dimensions exceed the maximum width and depth the specified manufacturers can provide. Please also specify the height of the shelving.

**Response:**
Additional manufacturers have been added that can supply these sizes. 72” High. See this Addendum.

A5-110  **Question:**
The finish schedules on Drawings A5.41 & A5.42 indicate the walls in most toilet rooms receive ceramic tile and paint. Please clarify the extent of the ceramic tile (which walls and to what height) in these rooms.

**Response:**
The ceramic tile is to be applied to the “wet” wall to the ceiling. All other walls are to be painted.

A5-111  **Question:**
Specification section 07 92 00 3.5.C.4 states that caulking is required at horizontal joints between masonry and overhead steel decks. However, Detail 2 on Drawing A5.01 and Detail 12 on Drawing A5.02 do not show any caulking or sealant to be installed at this joint. Please advise if caulking is required at this location

**Response:**
Yes, caulking is required at this location unless wall/deck joint is to receive fire sealant.

A5-112  **Question:**
Specification section 079200 3.5.A.5 states that caulking is required at joints between masonry and concrete. However Detail 5 on Drawing A5.01 and does not show any caulking or sealant to be installed at this joint. Please advise if caulking is required at this location

**Response:**
Yes, caulking is required at this location.

A5-113  **Question:**
Specification section 09 96 56 refers to the laundry rooms as a wet area that should receive epoxy coatings but the finish schedule on Drawing A5.42 shows the laundry rooms receiving normal paint. Please advise as to whether or not the laundry rooms in Area 4 (Rooms P186, P187, P188, P189, and P190) should receive epoxy coatings on the walls.

**Response:**
The Drawings are correct.

A5-114  **Question:**
Please identify the locations of the shear walls listed on the shearwall schedule in Detail D on Drawing S0.21.

**Response:**
Plywood shear walls are limited to framing at the Area 4 Entry, see enlarged plan 3/S1.3.3.4.1. Plywood sheathing occurs along trusses, see detail K/S7.04. Plywood sheathing also occurs at tower, see details H/S7.05, P/S7.05 and Q/S7.05.
A5-115  **Question:**
Sheet E5.01. There are 12 UPS panels shown on the panel schedules. However there is no specification section for the UPS and these panels do not show up on the UPS riser nor the normal power riser. How many and what size UPS's are there? How are these fed?

**Response:**
Please refer to Sheet X6.06 - UPS System One Line which shows the number and sizes of the UPS units. The UPS units are fed from Panels HOS, HOSD, LOSD and LOSM. See Division 28 specification section 28.46.19, paragraph 1.4.C and Article 2.5 for UPS requirements.
Change the frame size and trip rating for the HOS-9 breaker that feeds UPS SE P176 to frame 400A, Trip 225A. Change the circuit description for HOS-9 to read ‘UPS UDP1’.
Change the circuit description for HOSD-12 breaker that feeds UPS2 SE P176 to Trip 225A. Change the trip rating for the HOS-12 breaker that feeds UPS2 SE P176 to Trip 225A. Change the circuit description for HOSD-15, 17, 19 breaker that feeds SCRTY ELEC Z108 30KVA to Trip 225A. Change the circuit description for HOSD-15,-17,-19 to read ‘UPS UDZ’.
Circuit description for HOSC-10,-12,-14 to be changed to show this load as spare since this breaker does not feed a UPS.
Change the loads for Panel UPS UDP P109 on sheet E8.23 to show total load of 6kva.

A5-116  **Question:**
Detail 2 on Drawing A3.13 shows the exterior canopy column to receive a metal column wrap. Please advise if ALL exterior canopy columns are to receive this wrap and specify what exactly this material is.

**Response:**
Column wraps are deleted by this Addendum. Paint the exposed steel column.

A5-117  **Question:**
Sheet E1.3.3.16. There are what appear to be photovoltaic panels on the roof but there is no specification or wiring diagram showing what these panels are connected to. Please clarify the extent of the photovoltaic scope.

**Response:**
Sheet E1.3.3.16 shows the location for a future solar electric installation. No photovoltaic panels or wiring are included in the project scope. A reserved space is shown on the main switchboard for a future solar installation.

A5-118  **Question:**
Re: Metal Deck. Detail H on Drawing S0.17 calls for deck type D2 however this designation does not show on the plans. Please provide locations for this deck type.

**Response:**
D2 deck type is not applicable. Concrete fill over metal deck at pre-manufactured jail cells is by the cell system installer.

A5-119  **Question:**
Please provide deck tags for the metal decks in Detail 2 and Detail 3 on Drawing S1.3.3.4.1.

**Response:**
Deck tags did not print due to printing error. Deck at Area 4 Entry Sloped roofs (Details 2/S1.3.3.4.1 and 3/S1.3.3.4.1) shall be ‘D1’ deck.
A5-120  Question:
Specification section 11 13 00, part 2.3D, requires the dock leveler's rated capacity to be not less than 20,000 lbs. Please advise if this capacity is the static capacity or the dynamic capacity.

Response:
Static.

A5-121  Question:
Section 11 74 00, re: Dental X-ray Devices. Please advise if a lead liner or other x-ray protection is needed for Room M132 Dental where the two x-ray units will be located.

Response:
There is no lead liner or other X-ray protection.

A5-122  Question:
Re: PEMB Roof Curbs. The roof curbs shown on Drawing M5.05 and referred to in the key as items 2 – 4 on Drawing M1.3.3.12 are not recommended for standing seam roof systems. The curbs do not allow the roof panels to move separately from the curb and mechanical units. This will present future warranty and water tightness issues. Please provide an alternate product or provide a detail for affixing the mechanical curbs to a standing seam roof

Response:
Roof curbs for pre-engineered metal buildings shall be by the metal building manufacturer and coordinated with actual equipment to be installed. See specification section 13 34 19 - METAL BUILDING SYSTEMS.

A5-123  Question:
Detail Y on Drawing C5.1.02 shows a locked 4" bollard set in concrete while Detail 4 on Drawing JS0.52 shows an 8" bollard with 1/2" rods drilled in bollard. Please clarify which detail shall be followed for the site bollards.

Response:
At all site plan locations indicating a bollard on A, C, or J drawings provide per detail 4/J0.52.

A5-124  Question:
Detail 4 on Drawing J0.51 shows circles near the gate but there is no callout indicating what these are. Please clarify if these are bollards.

Response:
See Sliding Gate Elevation 3/J0.51.

A5-125  Question:
Sheet A5.50, re: Doors. The D/F/HW schedule is calling for a wire mesh partition at the P188 opening in the washer area. Please provide a specification for these wire mesh partitions.

Response:
See specification section 10 22 13 Wire Mesh Partitions added by this Addendum.
A5-126  **Question:**
Sheet A5.50, re: Doors. Openings A124, B137, C132, D111, EX101, J142, K28, M121, P144, Z111A, and Z161 all show a HM material w/ a SHM Elevation type or a SHM material with a HM Elevation. Please confirm SHM frames should have SF elevations, and HM frames should have F elevations.

**Response:**
Opening A124: Delete SHM for both door and frame and substitute HM.
Opening B137: Delete HM for both door and frame and substitute SHM.
Opening C132: Delete SHM for frame and substitute HM.
Opening D111: Delete SHM for door and substitute HM.
Opening EX101: Delete HM for both door and frame and substitute SHM. Also delete frame type F03A and substitute SF3A.
Opening J142: Delete SHM for frame and substitute HM.
Opening K28: Delete frame type F02 and substitute SF3A.
Opening M121: Delete SHM for both door and frame and substitute HM.
Opening P144: Delete HM for frame and substitute SHM.
Opening Z111-A: Delete SHM for door and substitute HM.
Opening Z161: Delete frame type F02 and substitute SF1.

A5-127  **Question:**
Sheet A5.50, re: Doors. There are 19 F01C frame types located in the modular wall panels at the Janitor closets. Please confirm if these doors and frames should be security HM since the inmates will have direct access to them in the dayrooms

**Response:**
Provide 08 11 13 HM doors and frames as indicated. Also as indicated for F01C frame type, provide HM details similar to those referenced @ 32/J5.92 for wall panels.

A5-128  **Question:**
Sheet A5.50, re: Doors. Please confirm if Openings B137, C132, D122, H102, and J133 should have a security HM door to match the security frame and HW specified at these openings

**Response:**
Opening B137: Delete HM for both door and frame and substitute SHM.
Opening C132: Delete SHM for frame and substitute HM.
Opening D122: No change required.
Opening H102: Delete HM for door and substitute SHM.
Opening J133: Delete HM for door and substitute SHM.

A5-129  **Question:**
Sheet A5.50, re: Doors. Please confirm the Opening for P182 has a 180 Minute (3 Hour) fire rating.

**Response:**
Correct.

A5-130  **Question:**
Sheet A5.50, re: Doors. Please provide a specification for the wood bi-fold doors at openings P152A&B.

**Response:**
See specification section 08 14 16 Flush Wood Doors.
A5-131  **Question:**
Sheet J1.3.3.0, Section 11 19 02. Please confirm that the rec yard mesh covers are to follow the specification for the welded wire mesh barrier system found in section 2.5 of 111902.

**Response:**
Correct.

A5-132  **Question:**
Re: Doors. Please confirm which door frames are to receive the bituminous coating specified in section 2.10 of 11 19 02.

**Response:**
Section 11 19 02, Article 2.10 refers to miscellaneous materials for metal fabrications elsewhere in the specification, not doors.

A5-133  **Question:**
Re: Detention Key Cabinets. Please confirm the quantity and location of the key cabinets specified in section 2.22 of 11 19 40

**Response:**
Locate 1 ea. Area Key Cabinet (AKC) at Control Station A121 and Officer Station G109. See plan sheet J1.3.1.2 for Central Key Cabinet (CKC) location, and plan sheet J1.3.1.4 for Electronic Key Cabinet (EKC) location. AKC and CKC capacities to be as specified per the Div. 11 Security Hardware specification.

A5-134  **Question:**
Section 11 19 50, Detention Accessories. Please provide exact locations or quantities for the TVBF’s.

**Response:**
Provide at each TV location shown or indicated on plan sheets A1.3.1.1 – A1.3.2.3.

A5-135  **Question:**
Section 11 19 50, Detention Accessories. Please confirm if every shower location receives a shower curtain track and curtain.

**Response:**
Provide at each inmate shower and clinic cell indicated per the Justice Architecture Room Schedule 2/J0.01 and the Security Accessory Groups (SAG) 3/J0.01 as noted.

A5-136  **Question:**
Re: Temporary Fencing. Please confirm that a temporary construction fence is not required for the entire perimeter of the property and that any temporary construction fence can be installed where suited for the general contractor.

**Response:**
Yes, please read specification section 01 50 00, temporary Facilities and Controls, Subsection 1.03.E.

A5-137  **Question:**
Site Furnishings Product Clarification. I have a couple questions about the specifications:

**Bike Racks:**
1. The detail on the Architectural page A1.1.40 shows the LFI Ring bike rack with an in ground mount. Do you have a color selection?
2. Unfortunately, the written specifications call Madrax Genesis 8 in ground mount on page 12 93 00 -2 / Phase 1 docs COSB #8600 dated 9/14/15.
3. Which is the correct bike rack?
4. Is this to be powder coated? If so, please specify the color.

Response:

Receptacles:

5. Would you like us to quote standard trash and recycle decals for the receptacles to differentiate them?

Response:

Bike Racks:

1. Rack basis of design has been clarified by this addendum.
2. The Madrax is the correct product.
3. The Madrax is the correct product.
4. Yes, per this addendum. We will pick from the manufacturer’s standard colors.

Receptacles:

5. Yes

A5-138  Question:
Section 26 05 33-3.1.A, re: Raceway Applications. Outdoor underground conduits are required to be schedule 80 PVC while outdoor exposed conduits can be schedule 40 PVC. Is this correct? Additionally, what type of conduit is required for underslab applications?

Response:

1. Your interpretation of the outdoor specification is correct.
2. Underslab conduit shall be schedule 40 PVC

A5-139  Question:
Sheet 1/A5.01. Please provide specification/s and mounting details for the soap block and rigid insulation.

Response:
Soap block and rigid insulation deleted by this Addendum. Provide a 12” CMU.

A5-140  Question:
Section 04 20 00, re: CMU. Please confirm Ground Face CMU and Split Face CMU at Rooms F127, G110 and H116. Reference Drawings:

1. A1.3.1.2
2. 1/A3.02
3. 2/A3.20
4. 1 & 2/A3.22

Response:
Yes, the color and texture patterns continue through the Outdoor Recreation courtyards. The free-standing walls that create the courtyards only require texture on the side facing the outside.

A5-141  Question:
Re: Flooring. Per the finish schedule sheet no. A5.42:

a) Confirm Court Vision J141 is to receive seamless base.

b) Confirm Day Room K109, Kiosk K110, and Bev Sttn K111 are to receive seamless flooring and base.

c) Confirm Intox T102 is to receive seamless base.

d) Confirm Refrig K12, Dry Strg K13, and Waste Hldng K14 are to receive VCT.

Response:

a) J141 – Modified this Addendum.

b) K109, K110, K111 - Modified this Addendum.

c) T102 - Modified this Addendum.

d) K12, K13, K14 - Modified this Addendum.
A5-142  Question:
Re: Metal Building. The roof curbs shown on drawing M5.05 and referred to in the key, items 2-4, on
drawing M1.3.3.12 are not recommended for standing seam roof systems. They are for BUR or single-ply
systems. They don’t allow the roof panels to move separately from the curb and mechanical units.
This will present future warranty and water tightness issues. Please clarify; should the manufacturer
recommended curbs be supplied/quoted and take precedence or will the correct curbs be clarified in an
addendum?

Response:
Roof curbs for pre-engineered metal buildings shall be by the metal building manufacturer and
coordinated with actual equipment to be installed. See specification section 13 34 19 - METAL
BUILDING SYSTEMS.

END OF PRE-BID QUESTIONS

THIS ADDENDUM is hereby made a part of the Contract Documents dated September 14, 2015 on the subject
work as though originally included therein. The amendments, additions and/or corrections in this Addendum shall
govern this work and modify the original Project Manual and Drawings.

All other terms and conditions remain unchanged.

Any inquiries concerning this BID should be made to: Senior Project Manager, John Green, General
Services, E-mail: jlgreen@countyofsb.org. Mail: County of Santa Barbara, Northern Branch Jail Project,
912 West Foster Road, Santa Maria CA 93455, fax (805) 934-6144.

Attachment(s) to this Addendum:
  Specifications
  1. 10 22 13 Wire Mesh Partitions
  Supplementary Drawings (Sketches)
  2. SKC-001 Partial Utility Plan
  3. SKC-002 Partial Grading and Drainage Plan
  4. SKC-003 Partial Grading and Drainage Plan
  5. SKC-004 Backwater Valve Detail for Note #8
  6. SKFP-001 Partial Ground Floor Plan

END OF THIS ADDENDUM
SECTION 10 22 13
WIRE MESH PARTITIONS
(ISSUED BY ADDENDUM NO. 5)

GENERAL

1.1 SUMMARY
A. This Section includes the following: Standard-duty wire mesh partitions.
B. Related Sections include the following:
   1. Division 8 Section “Builders Hardware” for lock cylinders and keying for wire mesh partition doors.
   2. Division 11 Section “Security General” for requirements for installation in vandalism areas.
   3. Division 11 Section “Security Metal Fabrications” for security fasteners.

1.2 DEFINITIONS
A. The types of weaves for the wire mesh specified in this Section are as illustrated and defined in ASTM E 437 and its Appendix X4.2:
   1. Plain Weave: Wires pass over one and under the next adjacent wire in both directions.
   2. Lock Crimped: Deep crimps at points of intersection to lock the wires securely in place.
   3. Intercrimped: Similar to plain weave with extra crimps between the intersections.

1.3 SUBMITTALS
A. Product Data: Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for wire mesh items.
B. Shop Drawings: Include plans, elevations, sections, details, and attachments to other work.

1.4 QUALITY ASSURANCE
A. Manufacturer Qualifications: Engage a firm experienced in manufacturing wire mesh partitions similar to those indicated for this Project and that have a record of successful in-service performance.

1.5 DELIVERY, STORAGE, AND HANDLING
A. Deliver wire mesh items palleted or crated to provide protection during transit and Project-site storage. Do not use nonvented plastic.
B. Inventory wire mesh partition door hardware on receipt and provide secure lockup for wire mesh partition door hardware delivered to Project site.

1.6 PROJECT CONDITIONS
A. Field Measurements: Check actual locations for wire mesh products by accurate field measurements before fabrication and show recorded measurements on Shop Drawings. Coordinate fabrication and delivery schedules with construction progress to avoid delaying the Work.
B. Where field measurements cannot be made without delaying the Work, guarantee location dimensions and proceed with fabricating wire mesh products without field measurements. Coordinate wall, column, floor, and ceiling construction to ensure that actual location dimensions correspond to guaranteed dimensions.
1.7 COORDINATION
A. Coordinate installation of anchorages for wire mesh items supported or anchored to permanent construction.
B. Furnish setting drawings, templates, and directions for installing anchorages, including sleeves, concrete inserts, anchor bolts, and items with integral anchors, that are to be embedded in concrete or masonry. Deliver such items to Project site in time for installation.

PRODUCTS
1.8 MANUFACTURERS
A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
   1. Acorn Wire and Iron Works, Inc.
   3. G-S Company (The).
   4. Indiana Wire Products, Inc.
   5. King Wire Partitions, Inc.
   7. Newark Wire Works Inc.
   8. SpaceGuard Products.
   10. Wire Crafters, Inc.

1.9 MATERIALS
A. Steel Wire: ASTM A 853.
B. Steel Channels, Angles, Plates, and Bars: ASTM A 36 (ASTM A 36M).
C. Steel Sheet: ASTM A 568 (ASTM A 568M).
D. Cold-Rolled Steel Channels: Formed from steel sheet.
E. Square Steel Tubing: Cold-formed structural steel tubing, ASTM A 500.
G. Galvanized Steel Sheet: Commercial-quality, hot-dip-coated steel sheet, ASTM A 653, with G60 or A60 (ASTM A 653M, with Z180 or ZF180) coating.

1.10 STANDARD-DUTY MESH PARTITIONS
A. Mesh: 0.135-inch-(3.4-mm-) diameter, intercrimped steel wire woven into 1-1/2-inch (38-mm) diamond mesh, securely clinched to frame members.
B. Frames: Provide cutouts for pipes, ducts, beams, and other items shown or necessary for partition installation. Finish edges of cutouts to provide a neat, protective edge.
   1. Vertical Members: 1-1/4-by-5/8-by-0.1046-inch (32-by-16-by-2.7-mm) cold-rolled steel C-Section channels with 1/4-inch- (6-mm-) diameter bolt holes approximately 18 inches (450 mm) o.c.
3. Horizontal Reinforcing Members: 1-by-1/2-by-1/8-inch (25-by-13-by-3-mm) cold-rolled steel channels with wire woven through or two 1-by-1/2-inch (25-by-13-mm) steel channels bolted or riveted toe to toe through mesh, and secured to vertical members. Provide number of horizontal reinforcing members to suit panel height as recommended by partition manufacturer.

C. Top Capping Bars: 2-1/4-by-1-inch (56-by-25-mm) cold-rolled steel channels, secured to top framing channels with 1/4-inch (6-mm) diameter “U” bolts spaced not more than 28 inches (700 mm) o.c.

D. Corner Posts: 1-1/4-by-1-1/4-by-1/8-inch (32-by-32-by-3-mm) steel angles with floor shoe and 1/4-inch (6-mm) diameter bolt holes to align with bolt holes in vertical frame members.

E. Line Posts: Where partition runs exceed 20 feet (6 m) without intersecting or connecting to overhead framing, furnish 3-inch (75-mm) by 4.1-lb (1.9-kg) steel channel line posts with 5-by-18-by-1/4-inch (125-by-450-by-6-mm) steel base plates located at recommended intervals to ensure partition rigidity and stability.

F. Floor Shoes: Cast metal, sized to suit vertical framing and to provide approximately 3 inches (75 mm) of clear space between finished floor and bottom horizontal frame members. Furnish units with set screws for leveling adjustment.

1.11 DOORS

A. Swinging Doors: Fabricated from same mesh as partitions, with framing fabricated from 1-1/4-by-1/2-by-1/8-inch (32-by-13-by-3-mm) steel channels or C-channels, banded with 1-1/4-by-1/8-inch (32-by-3-mm) flat steel bar cover plates on 3 sides, and with 1/8-inch (3-mm) thick angle strike bar and cover on strike jamb. Fabricate door with bottom aligned with bottom of adjacent panels when installed.

B. Hinges: Full-surface type, 3-by-3-inch (76-by-76-mm) steel, 1-1/2 pairs per door; bolted, riveted, or welded to door and jamb framing.

C. Cylinder Lock: Manufacturer’s mortise type lock prep’d to receive cylinder specified in Division 8 Section Builders Hardware. Lock shall be operated by key outside and recessed knob inside.

1.12 ACCESSORIES

A. Panel-to-Panel Fasteners: Manufacturer's standard steel bolts and complying with requirements of Division 11 Section Security Metal Fabrications for security fastening.

B. Postinstalled Expansion Anchors in Concrete: With capability to sustain, without failure, load imposed within factors of safety indicated, as determined by testing per ASTM E 488, conducted by a qualified independent testing agency.

1. Corrosion Protection: Stainless-steel components complying with ASTM F 593 and ASTM F 594, Alloy Group 1 or 2 (ASTM F 738M and ASTM F 836M, Alloy Group 1 or 4) for bolts and nuts; ASTM A 666 or ASTM A 276, Type 304 or 316, for anchors.

2. For Postinstalled Anchors in Concrete: Capability to sustain, without failure, a load equal to four times the loads imposed.

3. For Post-installed Anchors in Grouted Masonry Units: Capability to sustain, without failure, a load equal to six times the loads imposed.

C. Seismic Bracing: Angles with legs not less than 1-1/4 inch (32 mm) wide, formed from 0.04-inch (1-mm) thick, metallic-coated steel sheet; with bolted connections and 1/4-inch (6-mm) diameter bolts.
1.13 FABRICATION

A. Fabricate wire mesh items from components of sizes not less than those indicated. Use larger-size components as recommended by wire mesh item manufacturer. Provide bolts, hardware, and accessories as required for complete installation.
   1. Fabricate wire mesh items to be readily disassembled.
   2. Weld corner joints of framing and finish sand.

B. Fabricate wire mesh partitions with cutouts for pipes, ducts, beams, and other items indicated. Finish edges of cutouts to provide a neat, protective edge.
   1. Mesh: Securely clinch mesh to framing.
   2. Framing: Fabricate framing with mortise and tenon corner construction.
      a. Provide horizontal stiffeners as indicated or, if not indicated, as required by panel height and as recommended by wire mesh partition manufacturer. Weld horizontal stiffeners to vertical framing.
      b. Fabricate three and four-way intersections using intersection posts.
      c. Fabricate partition and door framing with slotted holes for connecting adjacent panels.
   3. Fabricate wire mesh partitions with 3 inches (76 mm) of clear space between finished floor and bottom horizontal framing.

C. Doors: Align bottom of door with bottom of adjacent panels.
   1. Transoms: Where doors that do not extend full height of partition, provide transom over door, fabricated from same mesh and framing as partition panels.
   2. Hardware Preparation: Mortise, reinforce, drill, and tap doors and framing as required to install hardware.

1.14 FINISHES

A. General: Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.
   1. Finish wire mesh items after assembly.
   2. Appearance of Finished Work: Variations in appearance of abutting or adjacent pieces are acceptable if they are within one-half of the range of approved Samples. Noticeable variations in the same piece are not acceptable. Variations in appearance of other components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

B. Powder-Coated Finish: Apply manufacturer's standard baked finish, complying with manufacturer's written instructions for surface preparation including pretreatment, application, baking, and minimum dry film thickness. Provide manufacturer's standard finish color.

EXECUTION

1.15 INSTALLATION

A. Erect partitions plumb, rigid, properly aligned, and securely fastened in place, complying with final reviewed shop drawings and manufacturer's instructions.

B. Anchor wire mesh partitions to floor with 3/8-inch- (9.5-mm-) diameter, postinstalled expansion anchors at 12 inches (305 mm) o.c. through floor shoes located at each post and corner. Adjust wire mesh partition posts in floor shoes to achieve level and plumb installation.
C. Anchor wire mesh partitions to walls at 12 inches (305 mm) o.c. through back corner panel framing and as follows:
   1. For concrete and solid masonry anchorage, use drilled-in expansion anchors and hanger or bolts of types specified in Division 11 Section Security Metal Fabrications.
   2. For steel-framed assemblies, fasten brackets directly to steel framing or concealed reinforcements using self-tapping tamper-resistant security screws of size and type required to support structural loads.

D. Secure top capping bars to top framing channels with 1/4-inch- (6-mm-) diameter "U" bolts spaced not more than 28 inches (700 mm) o.c.

E. Provide line posts at locations indicated or, if not indicated, as follows:
   1. For partitions that are 7 to 9 feet (2.1 to 2.7 m) high, spaced at 15 to 20 feet (4.6 to 6.1 m) o.c.
   2. For partitions that are 10 to 12 feet (3.0 to 3.7 m) high, located between every other panel.
   3. For partitions that are more than 12 feet (3.7 m) high, located between each panel.

F. Provide seismic supports and bracing as indicated or, if not indicated, as recommended by manufacturer and as required for stability, extending and fastening members to supporting structure.

G. Provide additional field bracing as shown or necessary for rigid, secure installation. Installer to provide additional clips and bracing as required.

H. Where standard-width wire mesh partition panels do not fill entire length of run, provide adjustable filler panels to fill openings.

I. Install doors complete with door hardware.

J. Weld or bolt sheet metal bases to wire mesh partitions and doors where indicated.

K. Bolt accessories to wire mesh partition framing.

1.16 ADJUSTING AND CLEANING

A. Adjust moving components for smooth operation without binding. Adjust doors to operate easily without binding.

B. Check and readjust operating hardware items just before final inspection. Leave work in complete and proper operating condition. Remove and replace defective work including doors and framing that are warped, bowed, or otherwise unacceptable.

C. Touchup Painting: Immediately after erection, clean field welds, bolted connections, and abraded areas of shop paint; paint exposed areas with same material as used for shop painting to comply with SSPC-PA 1 for touching up shop-painted surfaces.

END OF SECTION
ONSITE/OFFSITE SEWER EXHIBIT
REFERENCE SHEET C1.2.03
MARCH 29, 2016

SCALE 1:20

PARTIAL UTILITY PLAN
C1.2.03
NOT TO SCALE

Project Santa Barbara County NBJ, Bid Pkg. 1 no. 8600
Regarding Addendum No. 05
Reference C1.2.03
By MRV Date 03-31-16 Sketch no. SKC-001
MAIN ENTRANCE EXHIBIT
REFERENCE SHEET C1.1.05
MARCH 29, 2016

PARTIAL GRADING AND DRAINAGE PLAN
C1.1.05 NOT TO SCALE

Project      Santa Barbara County NBJ, Bid Pkg. 1 no. 8600
Regarding    Addendum No. 05
Reference    C1.1.05
By           MRV Date 03-31-16 Sketch no. SKC-002
BACKWATER VALVE DETAIL

NOTES

1. BACKWATER VALVE SHALL BE INSTALLED ON BUILDING DRAIN A MINIMUM OF 5 FEET OUTSIDE OF THE BUILDING FOUNDATION.

BACKWATER VALVE DETAIL FOR NOTE #8

C1.2.03

NOT TO SCALE
NOT TO SCALE

F1.3.1.42

PARTIAL GROUND FLOOR PLAN AREA 4-2

Connect to standpipe, Plan Note #42, Sheet C1.2.02

6" Fire Line
Overhead

Down in chase
to below grade

Project: Santa Barbara County NBJ, Bid Pkg. 1
Regarding: Addendum No. 05
Reference: F1.3.1.42
By: MRV
Date: 03-31-16
Sketch no.: SKFP-001