

THE PORT AUTHORITY OF NY & NJ

**PROCUREMENT DEPARTMENT
2 MONTGOMERY STREET, 3RD FL.
JERSEY CITY, NJ 07302**

March 2, 2015

ADDENDUM #6

**TO PROSPECTIVE BIDDER(S) ON CONTRACT # WTCR – W30-2011-31
WTC REDEVELOPMENT – WTC TOWER 2 PLAZA INTERIM IMPROVEMENTS**

Bid Due Date March 5th, 2015, no later than 11:00 AM

The following changes are hereby made to the Bid Solicitation Document:

I. BIDDER'S QUESTIONS AND ANSWERS

The following information is made available in response to questions submitted by prospective Bidder(s). It should not be deemed to answer all questions that have been submitted by Bidder(s) to the Port Authority. It addresses only those questions which the Port Authority has deemed to require additional information and/or clarification. The fact that information has not been supplied with respect to a question asked by a Bidder(s) does not mean or imply, nor should it be deemed to mean or imply, any meaning, construction, or implication with respect to the terms.

The Port Authority makes no representations, warranties or guarantees that the information contained herein is accurate, complete or timely or that such information accurately represents the conditions that would be encountered during the performance of the Agreement. The furnishing of such information by the Port Authority shall not create or be deemed to create any obligation or liability upon it for any reason whatsoever and each Bidder, by submitting its proposal, expressly agrees that it has not relied upon the foregoing information, and that it shall not hold the Port Authority liable or responsible therefor in any manner whatsoever. Accordingly, nothing contained herein and no representation, statement or promise, of the Port Authority, its directors, officers, agents, representatives or employees, oral or in writing, shall impair or limit the effect of the warranties of the Bidder(s) required by this Proposal or Agreement and the Bidder(s) agrees that it shall not hold the Port Authority liable or responsible therefor in any manner whatsoever.

Question #129	<p>Attached are excerpts from drawings. Identification of the drawings has been redacted for security compliance.</p> <p>The portrait oriented sheet (EXC A) shows a section 2. Please note that the plinth/bench rests partly on the wall and partly on the depressed area.</p> <p>The landscape oriented sheet (EXC B) shows our perception of the requirements at this section.</p> <p>The actual requirements are vague and incomplete. Should there be a 'brick shelf' for the 4" slab? Please elaborate.</p> <p>2. The portrait excerpt (EXC C) contains a section 1 SIM. But it is not SIM because part of the support hangs over the wall.</p> <p>Also on EXC C a large part of the plinth/bench hangs over the wall.</p> <p>Please provide details on how to treat the drain, the paver field slab, the subgrade for the plinth/bench/paver base slab.</p>
Answer #129	<p>The extracts from the Structural Contract Drawings provided are intended to show green wall superstructure and associated foundations / curb. They are not intended to show the pavers or drainage. For pavers or drainage details please refer to the L600 Drawings Detail 3 and 4. In areas of built up slab construction on Styrofoam the construction should be similar to SK-16 with concrete knee walls at the edge of the slab. In other areas there shall be a simple 'haunch down' at the edge of the slab. For areas where the bench is located on soil outside the slurry wall, Detail 4 on S-300 shall be adopted without any requirement for dowels below.</p>
Question #130	<p>Attached are excerpts from drawings. Identification of the drawings has been redacted for security compliance.</p> <p>The portrait oriented sheet (EXC D) shows a section 6 SIM.</p> <p>The landscape oriented sheet (EXC E) shows section 6 on an el of 322-8.</p> <p>The recessed portion of the slab at el 319-7 is not shown. This is misleading.</p> <p>The pavement slab is proposed at 324.25 approx. It is not shown. How will it match to section 6? This is unclear.</p> <p>Should the curb rest on the 4" slab? Should it be anchored to the 4" slab?</p> <p>The actual requirements are vague and incomplete. Please provide more meaningful details.</p>
Answer # 130	<p>The extracts from the Structural Contract Drawings provided are intended to show the green wall superstructure and associated foundation / curbs. For areas of paving and finishes please refer to the L series Drawings. The curb will be either anchored to the existing slab construction or the new raised slab construction as per section 6. Curb shall be minimum 1'-2" high and elevation shall vary depending upon the adjacent finishes elevation; coordinate top of curb elevation with Architect/Landscaping Drawings.</p>
Question #131	<p>On Drawing L-601 at detail 3 "STONE WALL DETAILS", upper left side says "STEEL STUD FRAMING (BY OTHERS)". Is it by others?</p>
Answer #131	<p>The steel stud framing is part of the Contract scope. This is a reference to see Structural Contract Drawings.</p>

Question #132	On Drawing L-601 at detail 3 “STONE WALL DETAILS”, center says “SHIM (BY OTHERS)”. Is it by others?
Answer #132	All items shown in Detail 3 are part of the Contract scope.
Question #133	On Drawing L-601 at detail 1A “STONE WALL PLANS”, at the “PLANS @ SECOND STEPBACK” and at the “PLANS @ FIRST STEPBACK” there are call-outs for ‘SECOND STEPBACK CHANNEL’ and ‘FIRST STEPBACK CHANNEL’ respectively. Please provide information as to the size of the channel, the finish, and how it is attached to the structural steel.
Answer #133	Refer to S-300 for structural attachment details.
Question #134	On Drawing L-601 at detail 1A “STONE WALL PLANS”, shows a “NOTE: “DASHED LINES REPRESENT FACES
Answer #134	The marine grade plywood is no longer part of the Contract. Please disregard. Backs of the stone panels to be painted black instead.
Question #135	TO BE CLAD IN MARINE GRADE PLYWOOD PAINTED BLACK OR APPROVED EQUAL”, and each plan detail shows a call-out saying “MARINE GRADE PLYWOOD PAINTED BLACK OR APPROVED EQUAL”. Is this plywood in this scope? If so, please advise thickness and attachment details.
Answer #135	The marine grade plywood is no longer part of the Contract. Please disregard. Backs of the stone panels to be painted black instead.
Question #136	On Drawing S-300 at SECTION 4 & SECTION 5, at the top of each Section shows what appears to be a plate bent to form an obtuse angle. There is a note on each Section saying “FOR DETAILS OF BRACKET SUPPORT SEE DETAIL 8/S-300”. DETAIL 8 on S-300 does not provide any information on the plate bent to the obtuse angle. Please advise.
Answer #136	The plate that is shown as an obtuse angle is the bottom chord of the triangular panels that support the mesh of the green wall; the actual bracket that supports these triangular panels is called out on Section 7 and 8 of S-300.
Question #137	On Drawing S-300 at detail “11 TYPICAL CONNECTION OF GREENWALL TO TRUSS (NO PLINTH)” on the right hand side the note says “WALL PANEL CONNECTED BACK TO HSS... WELDED TO HSS WITH 1/16” FILLET WELD”. All other references to this weld call for ¼” Fillet Weld. Should we assume that this weld should also be ¼” Fillet Weld?
Answer #137	Correct, Weld shall be 1/4" fillet weld similar to other locations.
Question #138	On Drawing S-300 at detail “11 TYPICAL CONNECTION OF GREENWALL TO TRUSS (NO PLINTH)” on the upper left side says “FINISHES (SEE ARCH)”. We cannot find any finishes on the 2 Arch drawings. Does it mean to say “LANDSCAPE DRAWINGS”? But we cannot find any “FINISHES” on the HSS Columns except paint. Please advise to what FINISHES are being referred.
Answer #138	HSS columns shall be two pack shop applied epoxy coated system, with field touch-up, as follows: SCHEDULE OF COATING SYSTEMS A. Exterior Exposed Steel: 1. Primer: Tnemec (or approved equal) Series 394 Perimeprime, Dry Film Thickness: 2.5

	<p>to 3.5 mils</p> <p>2. First Coat: Tnemec (or approved equal) Series N69 Epoxoline II, Dry Film Thickness: 4.0 to 6.0 mils</p> <p>3. Finish Coat: Tnemec (or approved equal) Series 1075U, Dry Film Thickness: 2.0 to 3.0 mils.</p> <p>4. Total Dry Film Thickness: 8.5 to 12.5 mils</p>
Question #139	Drawing S-300.00.00 at details “ 2 SECTION” and “ 3 SECTION” shows the concrete foundations for the Green Wall Columns at “EL. 322’-8” (322.67’). The sections show what would appear to be a grout bed between the concrete foundation and the column base plate. What is the design thickness of the grout bed?
Answer # 139	Grout thickness shall be 2” or as required, as per typical baseplate detail shown on Contract Drawing S-200.
Question #140	<p>Addendum No 2, SK-2 shows the “ 4” TH. CONCRETE PAVING SEE SK-2A” between the Tower 2 and the Bench.</p> <p>According to Drawing L-200 the elevation of this paving behind the bench is approx. 324.00 to 325.00.</p> <p>According to Drawing L-200 the elevation of the TD in front of the bench is approx. 324.0 on average.</p> <p>According to Drawing S-300.00 the elevation of the foundations for the Green Wall “columns” is 322’-8” (322.67’) (with an unknown thickness of grout between the concrete foundation and the column base plate)</p> <p>Addendum No 2, SK-2 shows the “ 4” TH. CONCRETE PAVING SEE SK-2A” but does not show the HSS “columns” for the Green Wall Structural Frame. If it did show the columns, since the column base plates are approx. 322.67 (plus grout thickness) and the concrete paving is elevation 324.00 to 325.00, the columns would be poking through the 4” Concrete Paving. Is there any special treatment to be used around these columns?</p>
Answer #140	Contractor to include a ½” expansion joint around the column so the column and concrete do not touch.
Question #141	RE: Detail 2 and 3 / L-02 - Please provide elevations for the existing structural deck and existing depressed structural deck so that the quantity of foam fill can be calculated.
Answer #141	The existing elevation of the structural slab is 322'-8"; it steps down to 322'-4" at the North. Also refer to SK-15.
Question #142	<p>Addendum No 2, Question #4 asks for “Sheet L-02 – please provide greater detail as to what we are required to demolish (i.e. 6” reinforced concrete or 3” asphalt, etc.). Please also provide dimensions...”</p> <p>Answer #4 responds “Refer to attached Sketches SK-7, SK-8, & SK-9 dated 2/10/15, pertaining to the area between the slurry wall and the face of the building.</p> <p>For all other areas the Contractor is to assume existing 6” layer of crushed stone and soil.”</p>
Answer # 142	<p>Refer to attached Sketches - SK-7, SK-8 & SK-9, dated 02/10/15, pertaining to the area between the slurry wall and the face of the building. The Raised slab, knee walls and build-up assembly are all to be demolished down to the existing structural slab.</p> <p>For all other areas within the Contract limits, Contractor is to assume existing crushed stone and soil material that is to be removed as needed to achieve appropriate subbase per Detail 1A on L-600 and final grades per Drawing L-200. Refer to SK-15 dated 2/25/15 for information on existing grades.</p> <p>Response to Questions #4, #42, #43, #44, #45 in Addendum 2 is hereby superseded.</p>

Question #143	<p>SK-7 is entitled “Extract from Floor Plan showing Temp Slab Build up (Sheet 1 of 3)”.</p> <p>1. It shows a callout on the right hand side saying “RAISED SLAB UP TO EL. 322’-8” FOR TYP DETAILS SEE 6/S6-02” Is this an existing built up slab to be demolished? If so, how high is it above the floor slab? How thick is it” How many supporting ‘walls are there” Is there a supporting wall adjacent to the building wall? Is there a supporting wall adjacent to the slurry wall?</p> <p>2. It shows three (3) LEGEND symbols. The first a. says “INDICATES TOPPING SLAB AND WATERPROOFING PER DETAIL 1/ S7-90 (SEE ALSO ARCH DWGS)”. Who cares because there is no Cross-Hatching symbol on SK-7. The second b. says “INDICATES TOPPING SLAB AND WATERPROOFING PER DETAIL 5/S7-90 (SEE ALSO ARCH DWGS)”. We do not have 5/S7-90 so please tell us how thick is the topping slab. The third legend c. says “INDICATES BOND BREAKER...”; and who cares because it is all shown as inside the building. We are not going inside the building, are we? So, bottom line, we have no useful information about the demolition between the slurry wall and the building.</p> <p>3. The answer also says “For all other areas the Contractor is to assume existing 6” layer of crushed stone and soil.” Referring to Drawing S-100.00 at “5 GROUND FLOOR PLAN”, the South end of the bench plinth extends beyond the slurry wall. Will the crushed stone and soil support the bench plinth. Please advise.</p>
Answer # 143	<p>1 and 2: SK-7 indicates the as built condition in this area. The raised slab consists of concrete slab on concrete knee walls with Styrofoam infill. The dashed lines indicate the approximate locations of the concrete knee walls. Raised slab, concrete knee walls, and styrofoam infill build-up shall be demolished down to Structural slab. For further details of this construction, see Sketch SK-9 in Addendum 2. The existing elevation of the structural slab is 322'-8" (steps down to 322'-4" at the North). Also refer to SK-15. No demolition required inside the building.</p> <p>3. Adopt detail 4/S-300 where bench plinth extends beyond the slurry wall, with the exception that there will be no requirement for any dowels.</p>
Question #144	<p>Addendum 2, Answer #4 & Answer #6 – Does answer #4 mean we are to include excavation and removal of 6” crushed stone layer? What elevation is the current grade at? We need this information so we know how much haul-off (or infill) will be required to meet the finish grade elevation. Sheet L-200 provides the finish grades but there is no information on what the existing grades are at.</p>
Answer #144	<p>Refer to attached Sketches - SK-7, SK-8 & SK-9, dated 02/10/15, pertaining to the area between the slurry wall and the face of the building. The Raised slab, knee walls, and build-up assembly are all to be demolished down to the existing structural slab. For all other areas within the Contract limits, Contractor shall assume existing crushed stone and soil material that is to be removed as needed to achieve appropriate subbase per Detail 1A on L-600 and final grades per Contract Drawing L-200. Refer to SK-15 dated 2/25/15 for information on existing grades.</p> <p>Response to Questions #4, #42, #43, #44, #45 in Addendum 2 is hereby superseded.</p>
Question #145	<p>Addendum No 2, SK-9. (Sheet 3 of 3), at “SECTION THROUGH RAISED SLAB”, left hand side shows a stairway with 5 risers. Is this stairway in this contract? If so, is a handrail required?</p>
Answer #145	<p>There are no stairs or handrails in the Contract. SK-9 indicates the current as built condition adjacent to the Tower 2 structure, for the purposes of defining demolition scope. The Raised slab, knee walls and built-up assembly shall all be demolished down to the existing structural slab.</p>

Question #146	Addendum No 2, SK-9. (Sheet 3 of 3), at “SECTION THROUGH RAISED SLAB”, at the bottom left of the Section shows “ #4 DOWELS – TYPICAL AT ALL CONCRETE WALLS – EXTEND 18” ABOVE SLAB.” We have to assume these dowels are existing in place. Would that be correct?
Answer #146	SK-9 indicates the current as built condition adjacent to the Tower 2 structure, for the purposes of defining demolition scope. The Raised slab, knee walls, and build-up assembly shall all be demolished down to the existing structural slab. Existing waterproofing membrane shall not be disturbed and shall remain in place. Cut dowels down to existing slab.
Question #147	Addendum No 2, SK-9. (Sheet 3 of 3), at “SECTION THROUGH RAISED SLAB”, at the bottom right of the Section shows “FOR SLAB THICKNESS AND REINF. SEE PLAN.” We assume this slab is also in place and existing. Correct?
Answer #147	SK-9 indicates the current as built condition adjacent to the Tower 2 structure, for the purposes of defining demolition scope. The Raised slab, knee walls, and built-up assembly shall all be demolished down to the existing structural slab.
Question #148	Addendum No 2, SK-7. (Sheet 1 of 3), shows a plan view of what is described on the right hand side of it as a “RAISED SLAB UP TO ELEV 322’-8” FOR DETAILS SEE 6/S6-02” There is a section shown thereon as 19/S7-02. When we refer to 19/S7-02 on SK-8 (Sheet 2 of 3) it shows several inconsistencies. A. For the slab it says on the bottom right “SEE PLAN” Is this the existing slab? B. It says just above that “FINISHES”. What is meant by “FINISHES” C. It says near the top right “SEE ARCH FOR RAISED SLAB EL.” Drawing A.03.101 shows no information about the elevation of the raised slab and it is completely out of whack with any sections on Drawing S-300. Please clarify. D. at the top of what looks like a reinforced concrete wall 12” thick it says “EL. VARIES SEE ARCH”. What “ARCH” shows this? E. To the right of this “wall” shows dotted lines. What are the dotted lines?
Answer #148	SK-7 indicates the current as built condition adjacent to the Tower 2 structure, for the purposes of defining demolition scope. The Raised slab, stair, knee walls and built-up assembly shall all be demolished down to the existing structural slab. The 12" foundation wall shall remain. For further details of this construction see Sketch SK-9 in Addendum 2.
Question #149	Addendum No 2, SK-7 (Sheet 1 of 3), within the “RAISED SLAB” shows what looks to be 6 ‘cells’, What do the dotted lines represent?
Answer #149	SK-7 indicates the current as built condition adjacent to the Tower 2 structure, for the purposes of defining demolition scope. The Raised slab, stair, knee walls, and built-up assembly shall all be demolished down to the existing structural slab. The 12" foundation wall shall remain. For further details of this construction, see sketch SK-9 in Addendum 2.
Question #150	Addendum No 2, SK-2A, shows “ 4” TH. REINFORCED CONC. #4 REBAR 12” O.C. EACH WAY OR APPROVED EQUAL.” It is supported on the right side (East) by what we interpret to be the plinth shown on S-300; but there is not visible support on the left side (WEST) except for the “RIGID INSULATION.” Is that the intent?
Answer #150	Any areas of new raised slab on Styrofoam shall follow the typical raised slab construction detail shown in SK-16 for the purpose of slab thickness, knee wall sizes and rebar requirements.
Question #151	Addendum No 2, SK-9 (Sheet 3 of 3), shows a “SECTION THROUGH RAISED SLAB”. At the top of the section there are designations for the various rebar sizes and placements. Addendum No 2, SK-2A shows a completely different rebar sizes and placements. We are

	confused, please help to clarify.
Answer #151	Any areas of new raised slab on Styrofoam shall follow the typical raised slab construction detail shown in SK-16 for the purpose of slab thickness, knee wall sizes and rebar requirements.
Question #152	Addendum No 2, SK-7 (Sheet 1 of 3), within the “RAISED SLAB” shows a section 19/S7-02. To the North of the Raised Slab area shows a section SIM 19/S7-02. How is it similar if there is no raised slab? What does it represent?
Answer #152	The similarity is the 12" existing foundation wall to remain. The interpretation that there is no raised slab at Section SIM 19/S7-02 is correct.
Question #153	Addendum No 2, SK-4 shows the ½” BLUESTONE PANEL” on the “ 1 ½” HONEYCOMB BACKING”. The panels follow the indentation of the Structural Frame, however the panels continue a short distance parallel to the North South Structural Frame Axis. Please provide more information on the geometry and the mounting of this portion of the stone panel.
Answer # 153	All panels are to be mounted as shown. Detail is typical of all locations throughout.
Question #154	Drawing L-101 at the lower left corner and upper left corner of the Plaza shows the “pavers” in a markedly different legend than “ 4” x 4” PAVERS” or “ 8“ x 4” PAVER BAND” What is the pattern at these tow corners?
Answer # 154	These are the 8”x4” pavers as shown on the Legend. In this area there are 3 bands of 8”x4” pavers as shown.
Question #155	RE: Detail 2 / L-700 – Please provide additional detail regarding the mesh panels. Frame is only called out as 3” steel. Is this just flat steel? If so, how thick? If it is angle or tube, please provide complete information.
Answer # 155	Refer to Contract Drawings S-101.00 and S-300.0.
Question #156	RE: Sheet L-700 and RFI Answer #66 – Please provide additional specification pertaining to the required powder coat finish. Final color, preparation, number of coats, etc.
Answer # 156	Finish on Metal: Pangard II or approved equal: 1. Primer: Rust inhibitor. 2. Topcoat: Thermosetting TGIC polyester powder coat. UV, chip, and flake resistant. 3. Test Results: Pangard II a. Gloss Consistency, Gardner 60 Degrees, ASTM D 523: Plus or minus 5 percent from standard. b. UV Resistance, Color and Gloss, ASTM G 155, Cycle 7: Delta E less than 2 at 2.0 mils and less than 20 percent loss. c. Cross-Hatch Adhesion, ASTM D 3359, Method B: 100 percent pass. d. Flexibility Test, Mandrel, ASTM D 522: 3 mm at 2 mils. e. Erichsen Cupping, ISO 1520: 8 mm. f. Impression Hardness, Buchholz, ISO 2815: 95. g. Impact Test, ASTM D 2794: 60 inch-pounds at 2.5 mils. h. Pencil Hardness, ASTM D 3363: 2H minimum. i. Corrosion Resistance, 1,500-Hour Test, ASTM B 117: Max undercutting 1 mm. j. Humidity Resistance, 1,500-Hour Test, ASTM D 2247: Max blisters 1 mm. 4. Color: Black.

Question #157	Sheet L-601- Does not appear to be 1/8 scale as indicated. Please confirm height of Stone Wall Elevations (We can manipulate a scale based on the 8' dimension of the first panel course, but better to get them to confirm if we can)
Answer #157	1/8" is the half size scale. Please refer to the lower left hand corner of the title block which notes the scale is: AS SHOWN @ 18"x33". The full size drawing is 36"x66".
Question #158	Sheet L-601- Stone panels exceed both maximum widths and heights. Can we add a vertical joint to the larger panels set in the back? Can we add horizontal joints to the stone panels exceeding 108" height? Slab blocks are generally 9'+ long x 55"-60" tall according to American Bluestone. Ideally we'd want to use a maximum panel size of 48"x 96", but we could probably get away with 53"x 108" based on the block size.
Answer # 158	Contractor to assume a maximum of 2 vertical joints. No additional horizontal joints other than what is shown on Detail 1/L-601 will be necessary.
Question #159	Sketch SK-4 (attached) plan detail doesn't show any vertical joint locations. We need to divide this into 3 separate panels to set. Please advise.
Answer # 159	Contractor to assume a maximum of 2 vertical joints.
Question #160	Addendum 2, Question and Answer #32- Paint the back of the panels black. Please provide a specification to the paint to be used for this application.
Answer # 160	Back of panels are to be factory painted black as specified by StoneLite, or aproved equal.
Question #161	<p>Specification 051200 says:</p> <p>B. LEEDTM Performance Criteria, Low-Emitting Materials – Paint and Coatings: Provide paints with VOC content and chemical component limits not exceeding limits of Green Seal's Standard GS-11 January 1997 requirements. Provide anti-corrosive coatings with VOC content limits not exceeding limits of Green Seal's Standard GS-03, January 1997 requirements. Interior paints and coatings not already covered by GS-11 and GS-03, ensure VOC content of primers, under-coatings, sealers and clear wood finishes used are less current limits of South Coast Air Quality Management District (SCAQMD) Rule #1113, January 1, 2004 requirements. Refer to Section 01810 for partial list of VOC limits.</p> <p>The last sentence refers us to spec Section 01810 for VOC limits. We do not have Section 01810. Do we need it?</p>
Answer # 161	Section 01810 is not applicable and shall be ignored.
Question #162	As per SK-2 (dated 2-10-15), detail on SK-2A (dated 2-10-15) applies at the entire area behind the Green & Stone walls. Shouldn't this detail apply only at areas of the depressed slab as identified on SK-7 (dated 2-10-15)?
Answer # 162	SK-7, SK-8, and SK-9 are sketches that are intended to reflect the existing conditions that are required to be demolished. Contractor shall assume SK-2A applies where cross-referenced from SK-2.

Question #163	At all other areas behind the Green & Stone walls (as per responses #4, #42, #43, #44, #45 of addendum #2) we are only removing a 6" layer of crashed stone & soil. Please advise if a different detail applies to these areas.
Answer # 163	For all other areas within the Contract limits, Contractor shall assume existing crushed stone and soil material that is to be removed as needed to achieve appropriate subbase per Detail 1A on L-600 and final grades per Contract Drawing L-200. Refer to SK-15 dated 2/25/15 for information on existing grades. Response to Questions #4, #42, #43, #44, #45 in Addendum 2 is hereby superseded.
Question #164	Drawing P.01.01 at the table DRAIN SCHEDULE, DESIGNATION A is for "PLAZA AREA DRAINS"; TOP SIZE 14"; the information is in conflict with the plan view on the same Dwg which says " 3" PLAZA DRAIN (510 SQ.FT.)" and in conflict with the CONSTRUCTION NOTES. 2. which calls for " 3" PLAZA AREA DRAINS (...TO BE BOTTOM OUTLET TYPE UNITS..."; and in conflict with detail "3 PLAZA DRAINAGE @ PAVED AREAS" which calls for " 3" SURFACE DRAIN BODY (510 SQ.FT.); and in conflict with Dwg L-600 detail "5 SIDE OUTLET PLAZA DRAIN". Please clarify.
Answer # 164	REVISED RESPONSE - Refer to Contract Specification 220593 Plumbing Fixture Schedule.
Question #165	Drawing P.01.01 at the table DRAIN SCHEDULE, DESIGNATION B is for "PLAZA TRENCH DRAINS"; TOP SIZE 12"; the information is in conflict with the plan view on the same Dwg which says " 6" PLAZA TRENCH DRAIN" and in conflict with the Dwg L-600 detail "detail "3 TRENCH DRAIN DETAIL" which calls for "K100 TRENCH DRAIN AS MFD BY ACO-LD4". Please clarify.
Answer # 165	REVISED RESPONSE - Refer to Contract Specification 220593 Plumbing Fixture schedule.
Question #166	Drawing P.01.01 at detail "1 PLAZA DRAINAGE @ PAVED AREAS" right hand side shows the note " 6" TRENCH DRAIN (1720 SQ.FT.) MODEL TYPE SPECIFIED BY ARCH." But Dwg L-600 at 3 TRENCH DRAIN DETAIL shows a note saying "K100 TRENCH DRAIN AS MFD BY ACO-LD4 " Is that the type 'SPECIFIED BY ARCHITECT'?
Answer # 166	REVISED RESPONSE - Refer to Contract Specification 220593 Plumbing Fixture Schedule.

This communication should be initialed by you and annexed to your response to the above-referenced Bid upon submission.

In case any Respondent fails to conform to these instructions, its submission will nevertheless be construed as though this communication had been so physically annexed and initialed.

QUESTIONS CONCERNING THIS ADDENDUM MAY BE ADDRESSED TO JOANN SPIRITO, WHO CAN BE REACHED AT (212) 435-5640 or at jspirito@panynj.gov.

THE PORT AUTHORITY OF NY & NJ

JOANN SPIRITO
ASSISTANT PROCUREMENT MANAGER
FTA/WTC SITE PROJECTS

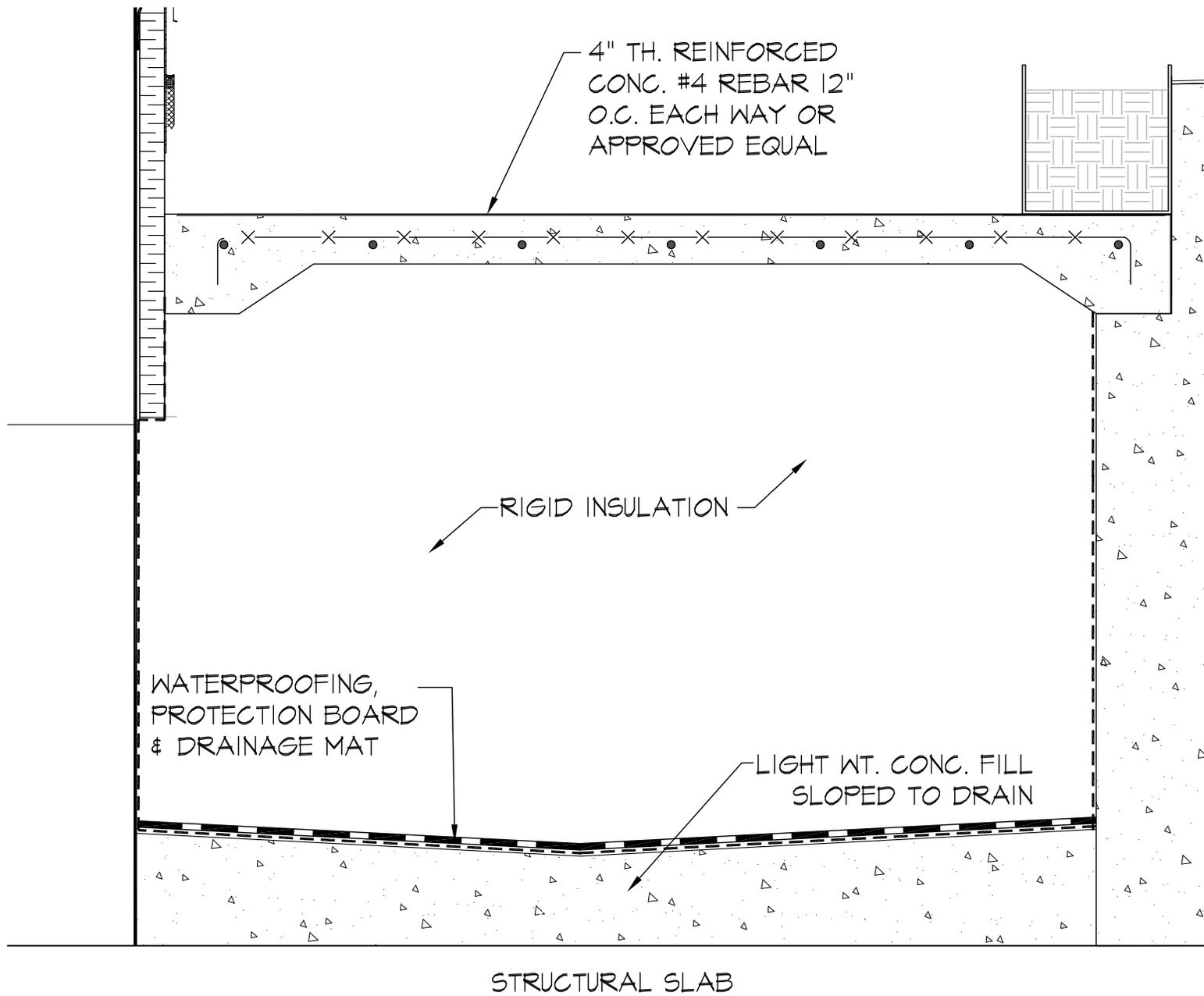
RESPONDENT'S FIRM NAME: _____

INITIALED: _____

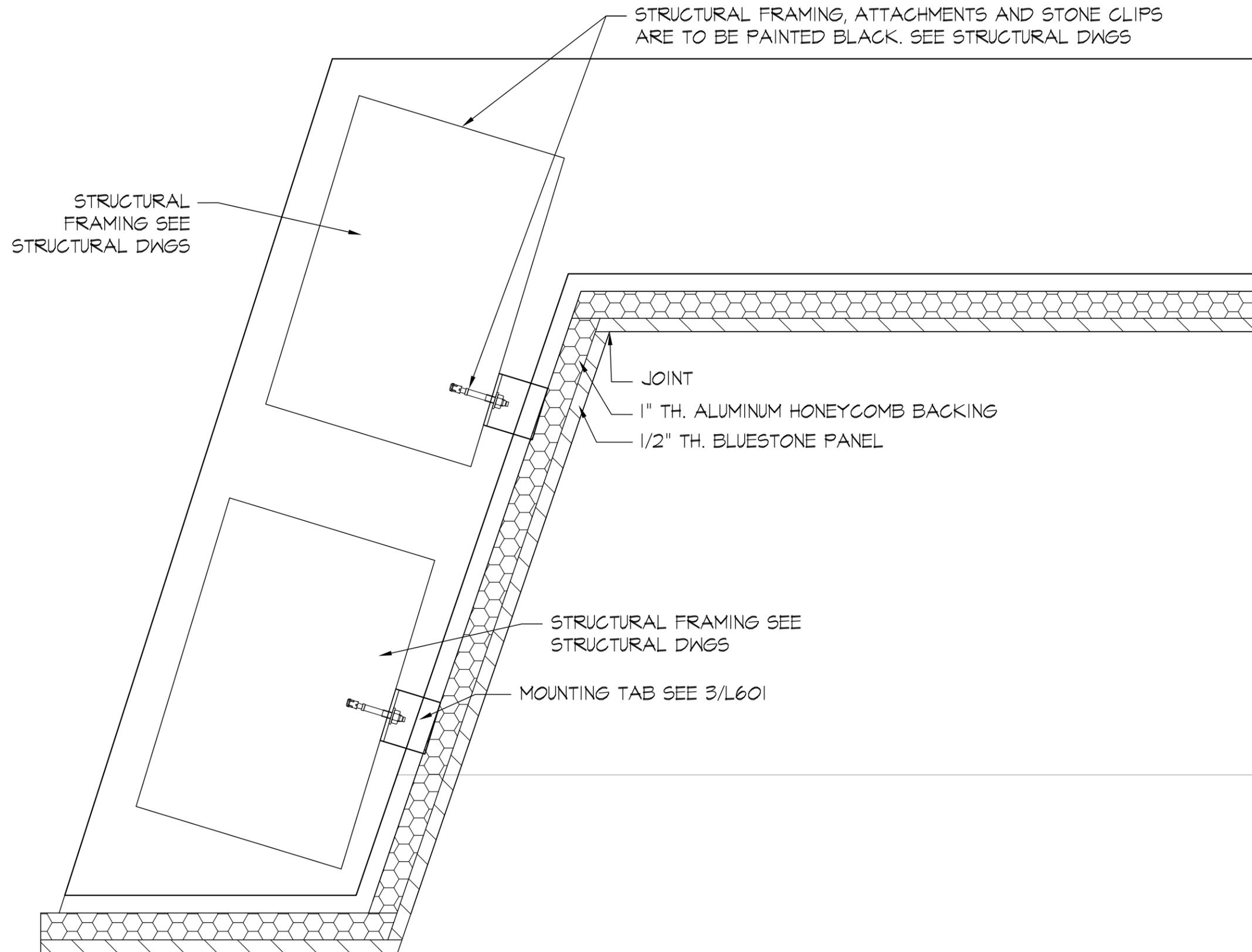
DATE: _____



SK-2
SCALE: 1/8" = 1'-0"
MPFP
2-10-15



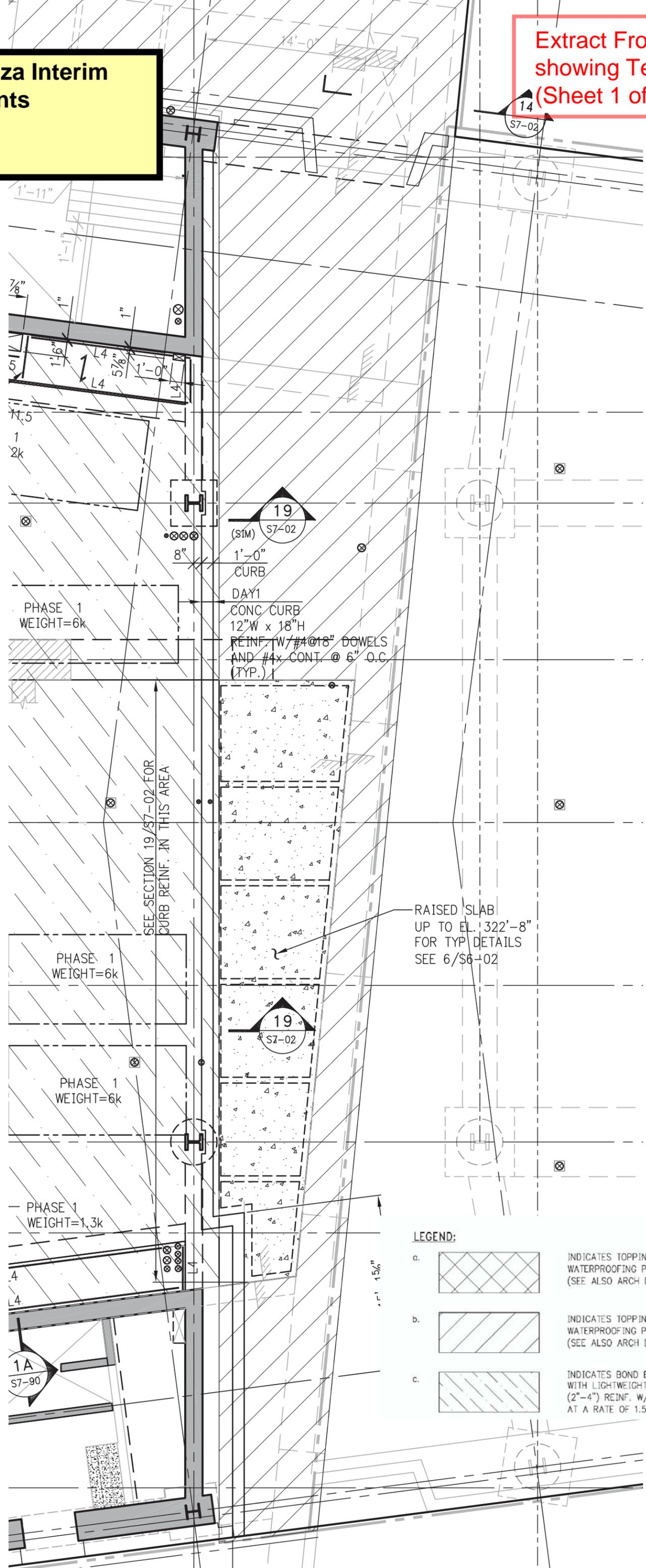
SK-2A
SCALE: 1" = 1'-0"
MPFP
2-10-15



SK-4
 SCALE: 3" = 1'-0"
 MPFP
 2-10-15

Tower 2 Plaza Interim Improvements
SK-7
2/10/2015

Extract From Floor Plan showing Temp Slab Build up (Sheet 1 of 3)



1'-11"

1'-1"

7/8"

1"

1 1/6"

5/8"

1'-10"

1.5

1

2k

PHASE 1
WEIGHT=6k

SEE SECTION 19/S7-02 FOR
CURB REINF. IN THIS AREA

PHASE 1
WEIGHT=6k

PHASE 1
WEIGHT=6k

PHASE 1
WEIGHT=6k

PHASE 1
WEIGHT=1.3k

4

4

1A
S7-90

14'-0"

14

S7-02

19

(SIM) S7-02

1'-0"
CURB

DAY1
CONC CURB
12"W x 18"H
REINF. W/#4@18" DOWELS
AND #4x CONT. @ 6" O.C.
(TYP.)

8"

19

S7-02

15"

RAISED SLAB
UP TO EL. 322'-8"
FOR TYP DETAILS
SEE 6/S6-02

LEGEND:

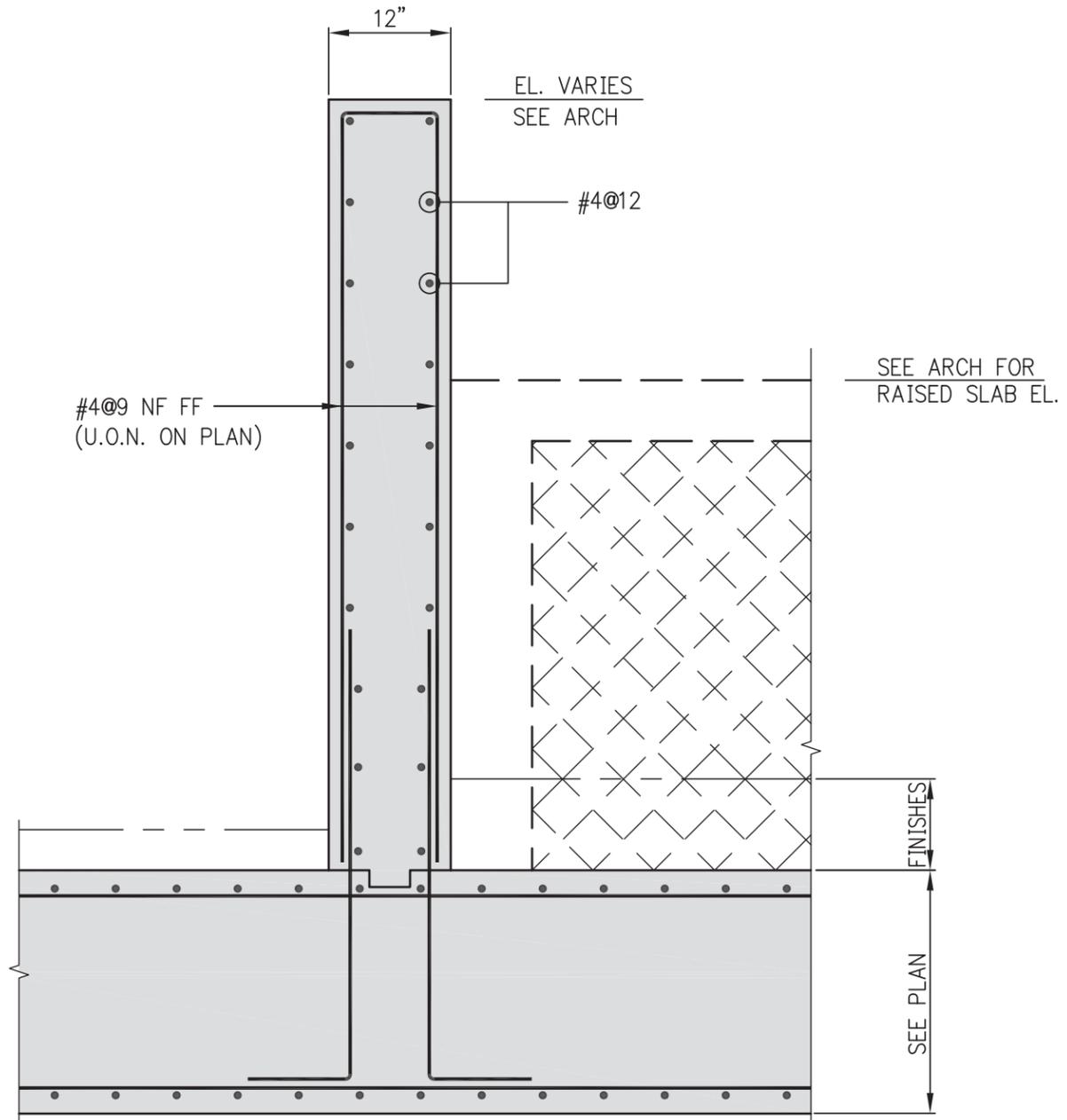
- a.  INDICATES TOPPING SLAB AND WATERPROOFING PER DETAIL 1/S7-90 (SEE ALSO ARCH DWGS)
- b.  INDICATES TOPPING SLAB AND WATERPROOFING PER DETAIL 5/S7-90 (SEE ALSO ARCH DWGS)
- c.  INDICATES BOND BREAK PAPER JOINT WITH LIGHTWEIGHT CONCRETE SCREED FOR SLOPE (2"-4") REINF. W/FIBERMESH 300 OR APPROVED EQUAL AT A RATE OF 1.5LBS/CUBIC YARD.

**Tower 2 Plaza Interim
Improvements**

SK-8

2/10/2015

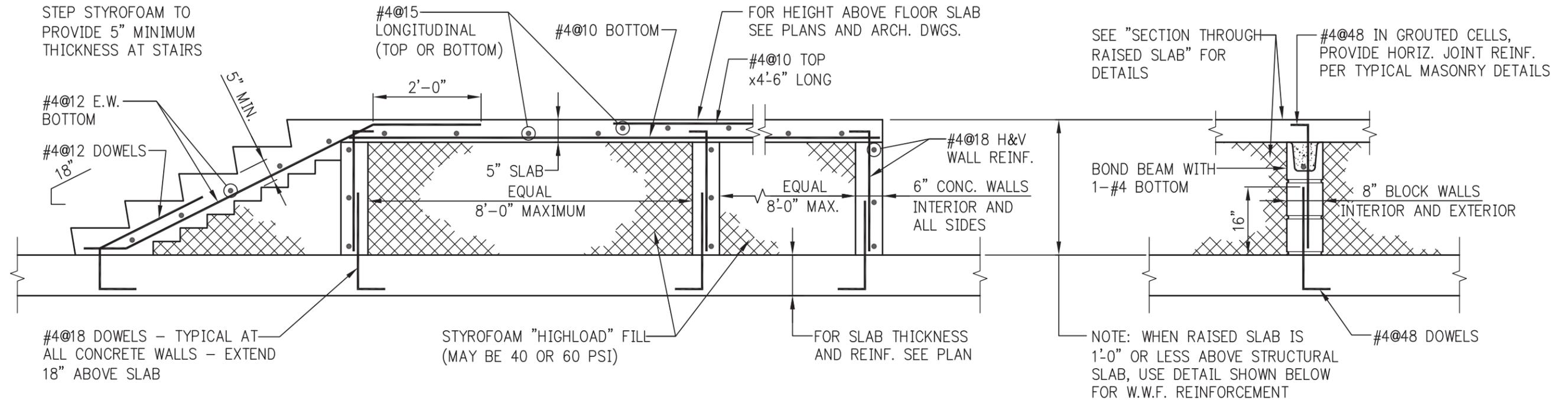
Extract From Floor Plan
showing Temp Slab Build up
(Sheet 2 of 3)



19
S7-02

19A
S7-02

SECTION
SCALE: $\frac{3}{4}'' = 1'-0''$

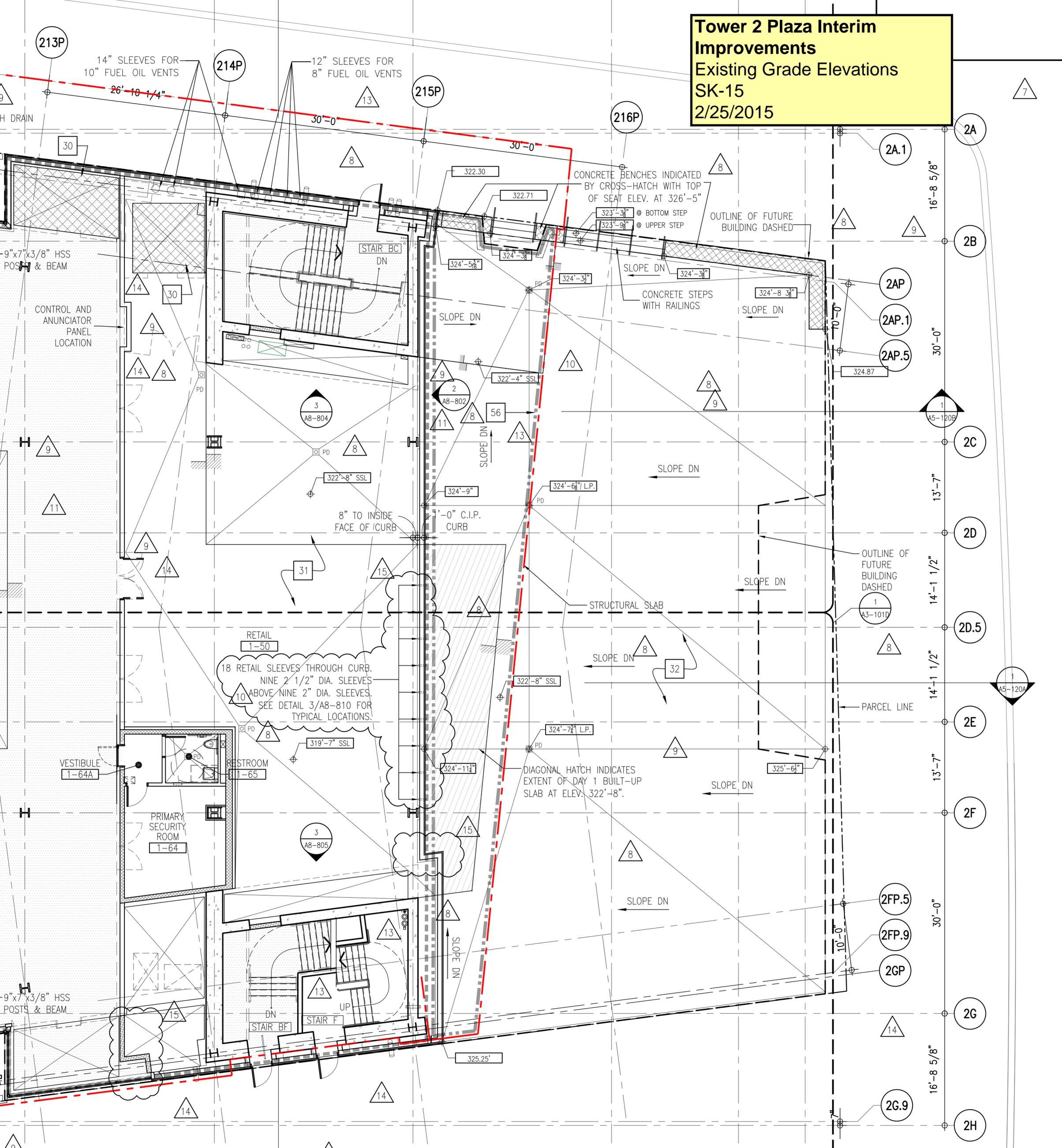


SECTION THROUGH RAISED SLAB

NOTE:
 FOR STAIR TREADS, RISERS, AND WIDTH SEE ARCH. DWGS.

RAISED SLAB - ALTERNATIVE SUPPORTING WALL

Tower 2 Plaza Interim Improvements
Existing Grade Elevations
SK-15
2/25/2015



213P

214P

215P

216P

2A.1

2A

2B

2AP

2AP.1

2AP.5

2C

2D

2D.5

2E

2F

2FP.5

2FP.9

2GP

2G

2G.9

2H

14" SLEEVES FOR 10" FUEL OIL VENTS

12" SLEEVES FOR 8" FUEL OIL VENTS

CONCRETE BENCHES INDICATED BY CROSS-HATCH WITH TOP OF SEAT ELEV. AT 326'-5"
 323'-3 3/8" @ BOTTOM STEP
 323'-9 3/8" @ UPPER STEP

OUTLINE OF FUTURE BUILDING DASHED

RETAIL 1-50
 18 RETAIL SLEEVES THROUGH CURB. NINE 2 1/2" DIA. SLEEVES ABOVE NINE 2" DIA. SLEEVES. SEE DETAIL 3/A8-810 FOR TYPICAL LOCATIONS.

DIAGONAL HATCH INDICATES EXTENT OF DAY 1 BUILT-UP SLAB AT ELEV. 322'-8"

OUTLINE OF FUTURE BUILDING DASHED

8" TO INSIDE FACE OF CURB
 7'-0" C.I.P. CURB

STRUCTURAL SLAB

PARCEL LINE

CONTROL AND ANUNCIATOR PANEL LOCATION

9"x7"x3/8" HSS POSTS & BEAM

STAIR BC DN

RESTROOM 1-65

PRIMARY SECURITY ROOM 1-64

STAIR BF UP

STAIR F

322.30

322.71

324'-5 5/8"

324'-3 3/8"

324'-3 3/8"

324'-3 3/8"

324'-8 3/8"

324'-8 3/8"

324.87

322'-4" SSL

322'-8" SSL

324'-9"

324'-6 1/2" L.P.

322'-8" SSL

324'-7 1/2" L.P.

324'-11 1/2"

325'-6 1/2"

325.25'

26'-10 1/4"

30'-0"

30'-0"

16'-8 5/8"

30'-0"

13'-7"

14'-1 1/2"

14'-1 1/2"

13'-7"

30'-0"

16'-8 5/8"

13

8

13

8

8

8

9

14

30

9

14

8

9

2

A8-802

8

56

11

8

13

10

8

9

9

11

9

14

31

15

8

8

32

8

9

8

SLOPE DN

16'-8 5/8"

30'-0"

13'-7"

14'-1 1/2"

14'-1 1/2"

13'-7"

30'-0"

16'-8 5/8"

7

1

A5-120A

1

A5-120B

1

A3-101D

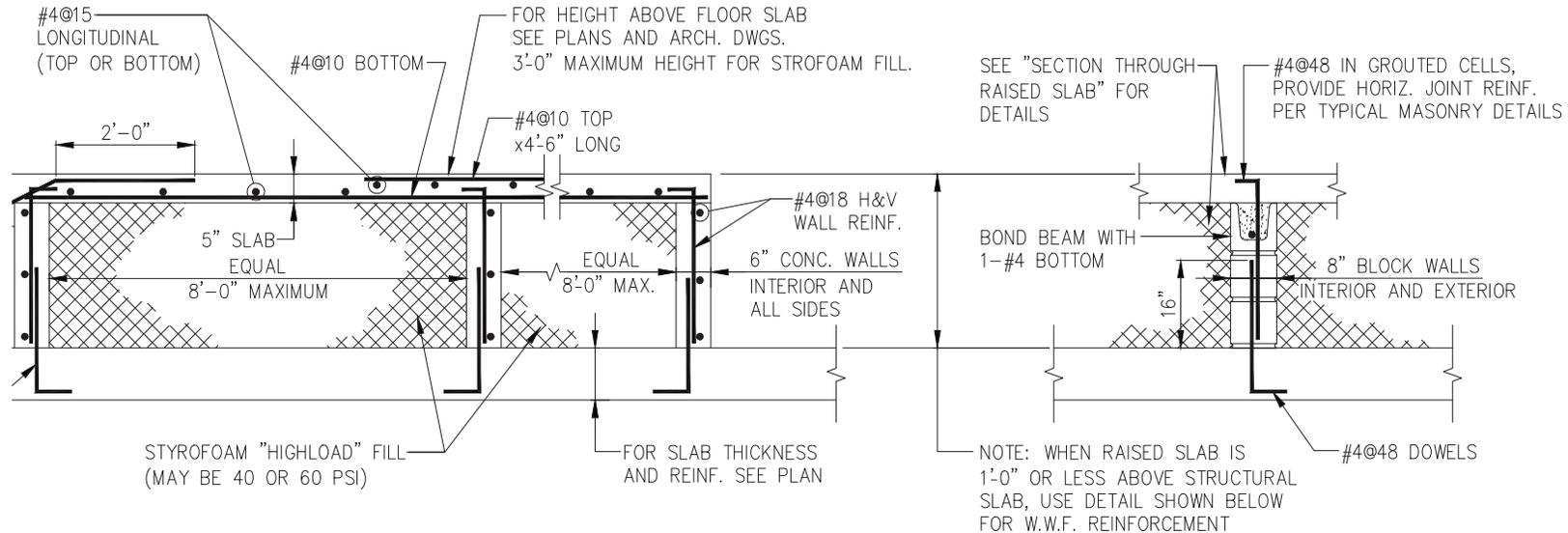
1

A5-120A

14

7

**Tower 2 Plaza Interim
Improvements
SK-16
2/27/2015**

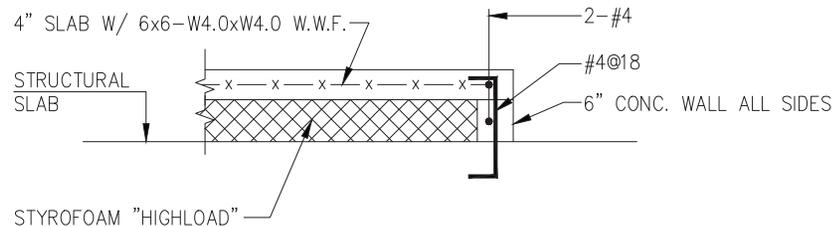


SECTION THROUGH RAISED SLAB FORMED WITH STYROFOAM

RAISED SLAB - ALTERNATIVE
SUPPORTING WALL

NOTES:

- 1. ~~FOR STAIR TREADS, RISERS, AND WIDTH SEE ARCH. DWGS.~~
- 2. WHEN REQUIRED HEIGHT OF RAISED SLAB EXCEEDS 3'-0" USE STEEL DECK FORMS ALTERNATIVE.
(STEEL DECK FORMED SLABS HAVE NO HEIGHT RESTRICTIONS, MINIMUM OR MAXIMUM)



RAISED SLAB - 1'-0" OR LESS IN HEIGHT
ABOVE STRUCTURAL SLAB