

THE PORT AUTHORITY OF NY & NJ

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

February 18, 2015

ADDENDUM #2

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

Bid Due Date February 26th, 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 #1	There is no Bid Bond % or \$\$ amount listed. Please advise on what this amount will be.
Answer #1	See page 33 of Contract Book.
Question #2	Sheet L – Please provide additional specifications for the green screen. Acceptable manufacturers, approved installers, etc.
Answer #2	The green screen is not prefabricated or “off-the-shelf” from a particular manufacturer; it shall be custom made in accordance with the Contract Drawings and Specifications.
Question #3	Rider A, B1. Specific Scope, Moveable Fiberglass Planters – Please confirm we are to include the planters in our base bid. Specifications state “Division 12 – Furnishings Not Used”.
Answer #3	Contractor shall furnish and install moveable planters as noted on 7/L-600. Contractor shall furnish and install fiberglass planters as noted on 2/L-301.
Question #4	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 and grid lines on this drawing so that the work can be overlaid onto other drawings.
Answer #4	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. For all other areas, Contractor is to assume existing 6" layer of crushed stone and soil.
Question #5	Sheets P.01.01 and P.01.02 – Please provide a plan showing what demolition and re-install work (if any) is required to install the plumbing for this package.
Answer #5	There is no plumbing demolition associated with this scope. Refer to Drawings P.01.01 and P.01.02 for complete Plumbing Scope of Work.
Question #6	Sheet L-200 – Please provide a plan showing what is existing so the grading and improvements can be overlaid and the work can be quantified.
Answer #6	Area outside of property line (adjacent to streets and sidewalks) on all Contract Drawings is existing to remain, in accordance with Contract Drawing L-200.
Question #7	Detail 3 / L-601 – Some of the components on the framing are listed as by others. Please provide a plan showing what work will be in place so we can have a better picture of what we have to install.
Answer #7	“By Others” designation is incorrect. Contractor is responsible for all work regarding these details.
Question #8	Details 6 & 7 / L-600 – Please confirm we are to supply & install the steel planters.
Answer #8	Confirmed.

Question #9	Rider A, B1. Specific Scope of Work – Please confirm railroad insurance is not a requirement of this contract and if it is this insurance will be provided by the Owner.
Answer #9	Railroad insurance is covered under OCIP policy, provided by Owner.
Question #10	Rider Q – Please indicate where our site trailer is to be located.
Answer #10	Contractor to assume site trailer can reside within the Contract Limits. Contractor will be responsible to move/sequence as needed to perform work.
Question #11	Rider A, B.1.9 Electrical Work, Item K and item L – Please confirm item K (Fire Alarm) and item L (Sound / PA System) are not part of this project as there are no specifications for this work.
Answer #11	Confirmed.
Question #12	Sheet L-101 and Details 1 & 2 / Sheet L-104 – What is the difference between Paving Type A and Paving Type B?
Answer #12	Per Details 1 and 2 on Contract Drawing L-104 - Paving type A (the 3/16” paving joint) is oriented north/south and the 3/8” paving joint is oriented east/west. Paving type B (the 3/16” paving joint) is oriented east/west and the 3/8” paving joint is oriented north/south.
Question #13	Information for Bidders, 28 and 29 Bonds – Please confirm the cost of bonds is not to be included in our base bid.
Answer #13	See paragraph E in clause 28 and paragraph E in clause 29.
Question #14	Sheet L-100 – Please provide a plan showing the location(s) of the Ipe bench at the living wall. Call out is 2/L600.
Answer #14	Ipe bench is to be installed in accordance with 2/L-600 and shall follow the Bench Layout Plan on L-105.
Question #15	Detail 2 / L-600 – Please provide dimension for how wide each piece of Ipe is to be. Depth is provided as 3-3/4”.
Answer #15	Each Ipe slat shall be 2 1/2” wide.
Question #16	Please clarify the locations of the TC-1 electrical fixtures. Are they on the setbacks as shown on drawings L-601 and LT-100.
Answer # 16	Yes.
Question #17	Can we core drill the foundation wall on the east side in the mechanical space to get below grade for electrical conduits? If not core drill, can we penetrate the steel wall to exit the building on the east side? Please clarify.
Answer #17	Yes, but all core drilling will need to be coordinated and approved by the Port Authority. Contractor will be required to provide appropriate waterproofing pipe seal in accordance with sketch SK-10 dated 2/11/15.

Question #18	Drawing L-600 shows two different light fixture locations in Detail 2 bench detail. Please clarify what fixtures these are as there is no clear detail showing the TA, TB, TC or TC-1.
Answer #18	Per LT-100, fixture TA is located in the bench and Fixture TB is located in the channel behind the bench.
Question #19	Drawing L-600 shows another light fixture location in detail 10 the light channel detail. Which fixture is this TA, TB or TC?
Answer #19	Per LT-100, this is fixture TB.
Question #20	Please advise if the concrete beam/footing under the benches as per 1/L500 & 2/L600 is part of this contract – If it is please provide the Architectural & Structural drawings for this work.
Answer #20	Yes, refer to Contract Drawings S-210.00 and S-300.00.
Question #21	Please advise if the concrete under the Bluestone slab as per 10/L600 is part of this contract – If it is please provide the Architectural & Structural drawings for this work.
Answer #21	Yes, refer to Contract Drawings S-210.00 and S-300.00.
Question #22	Please advise if the Bluestone slab as per 10/L600 is part of this contract paving plan on L101 only indicates the extend of the granite pavers.
Answer #22	Yes.
Question #23	Please advise if the Veneer at the benches as per 2, 4 & 9/L600 is part of this contract, if it is please provide drawing (elevations & plan views) showing the extend of this work.
Answer #23	Yes, refer to Contract Drawings L-100 and L-105.
Question #24	Please advise if the s.s. steel plate under the planters per 2/L301 is part of this contract – if it is please provide thickness & size.
Answer #24	Yes, refer to Contract Drawing S-300.00.
Question #25	Please advise if the drainage mat, waterproofing, rigid fill & concrete as per 1/L600 is part of this contract.
Answer #25	Yes.
Question #26	Please advise where detail 1A/L600 applies.
Answer #26	Refer to L-02. Detail 1/L600 refers to pavers on deck and 1A/L600 refers to pavers installed on grade.
Question #27	As per Rider A we are responsible for the Screen wall. Please advise which specification section applies for the wire mesh panels of the green screen.

Answer #27	Refer to 3/L700 for mesh/green screen detail regarding size, finishing and layout. Refer to Structural Contract Drawings for attachment details.
Question #28	Please advise which specification applies for the wood benches per 7/L600.
Answer #28	Wood benches are to be manufactured as per Landscape Forms Inc. or approved equal.
Question #29	Is the area of Tower 2 Plaza open to the public or is it within the secure zone of WTC Construction?
Answer #29	The area of Tower 2 Plaza is within the secure zone of WTC Construction.
Question #30	Rider "A", Page 1, 3. Second paragraph, 3 rd line, says "...work governed by PANYNJ TCA process..." What is TCA?
Answer #30	The work will be governed by the PANYNJ Tenant Alteration Application (TAA) process.
Question #31	Sheet L-100 – Please provide details at the property line that shows how the new work will tie into the adjacent paving areas.
Answer #31	Refer to attached sketch - SK-1, dated 02/10/15.
Question #32	Sheet L-601 – Note states: "Dashed lines represents faces to be clad in marine grade plywood..." Please provide dimensions from face of structure showing how far stone extends back (if any).
Answer #32	Refer to attached sketch - SK-5, dated 02/10/15 which provides additional dimensions. Furthermore, refer to sketch - SK-4, dated 02/10/15 for details regarding typical layout and extents of the stone panels. Please disregard marine grade plywood, it is no longer part of the contract. Backs of the stone panels to be painted black instead.
Question #33	I didn't see any bid form.
Answer #33	See clause 24 entitled "General Agreement".
Question #34	Is a bid bond or surety letter required?
Answer #34	See clause 2 entitled "Papers Accompanying Bids".
Question #35	Is the green screen fabrication and installation included?
Answer #35	Yes, they are part of the scope of work.
Question #36	Are the steel / fiber planters included?
Answer #36	Yes, they are part of the scope of work.
Question #37	Are MEP's included?
Answer #37	Yes, they are part of the scope of work.

Question #38	Please provide a subcontractors name for the different trades / specialties if possible.
Answer #38	Not available.
Question #39	Location of the fixtures. The drawings and the specs contradict each other as per the locations. See the attached for lights TC and TC-1 as well as the LT drawing.
Answer #39	Follow the locations as per the LT Contract Drawing.
Question #40	Please clarify the cable type shown on the electrical drawing attached for the Lutron system.
Answer #40	Furnish and install 2#18AWG cables.
Question #41	Drawing L-02 at the LEGEND shows a diagonal line symbol indicating AREA TO BE DEMOLISHED. At the lower left side 1 DEMOLITION PLAN shows the diagonal legend symbol and also shows a 'cross-hatched' legend symbol. Approximately halfway up the PLAN, on the left side, there is a note with an arrow pointing to the cross-hatched area of the DEMOLITION PLAN. The note says DEPRESSED SLAB AREA SEE 2/L-02. But 2/L-02 does not show a depression, 3/L-02 seems to show a depression. Should the note say DEPRESSED SLAB AREA SEE 3/L-02?
Answer #41	Correct, the note should reference 3/L-02.
Question #42	Is the cross-hatched symbol a different type of removal than the diagonal line legend for removal? If so, please advise what is the difference?
Answer #42	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. For all other areas, Contractor is to assume existing 6" layer of crushed stone and soil.
Question #43	2/L-02 DEMOLITION DETAILS shows the "EXISTING AREAS TO BE REMOVED." Please advise of what material is this removal? Please advise the thickness and width.
Answer #43	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. For all other areas, Contractor is to assume existing 6" layer of crushed stone and soil.
Question #44	3/L-02 DEMOLITION DETAILS also shows the "EXISTING AREAS TO BE REMOVED" and there seems to be a depressed area in comparison with 2/L-02. Please advise of what material is this removal? Please advise the thickness and width.

Answer #44	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. For all other areas, Contractor is to assume existing 6" layer of crushed stone and soil.
Question #45	Drawing L-02 contains section 3/L-02 DEMOLITION DETAILS shows the "EXISTING AREAS TO BE REMOVED." As in 1. above Please advise of what material is this removal? It would appear that it would be soil and is the top of this material accurately represented by the section 3/L-02?
Answer #45	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. For all other areas, Contractor is to assume existing 6" layer of crushed stone and soil.
Question #46	Drawing L-600, upper left side 2 BENCH DETAIL shows the Proposed Concrete Bench Plinth dimensioned 4'-6" wide. There appears to be a thickened edge of a concrete slab resting on the left side of it. The Concrete Slab continues to the left. The Fiberglass Planter is shown resting on the Concrete Slab in question. This Concrete Slab shows up again in 4 DOUBLE BODY PLAZA DRAIN show as connecting to the face of the building. The Concrete Slab shows up in 9 TILE SET HATCH DETAIL. We cannot find any information about this Concrete Slab on the Structural Drawings. However it shows up on Dwg L-500 in 1 SITE SECTION on the left end. Please provide more information about this Concrete Slab i.e. thickness, reinforcement, how it attaches to the face of the building, and whatever else you can provide to us.
Answer #46	This area shall be concrete paving; refer to SK-2 and SK-2A, dated 2/10/15, attached for details.
Question #47	Drawing L-100, shows the legend for PLAZA DRAIN - LD1 and PLAZA DRAIN - LD2. The 1 KEY AND DIMENSION PLAN indicates 1 (one) PLAZA DRAIN - LD1 and 2 (two) PLAZA DRAIN - LD2. Dwg L-101 shows the same. Dwgs L-102 & L-103 show the same, Dwg L-200 shows the same. Dwg L-600 at 4 DOUBLE BODY PLAZA DRAIN is identified as AD1 and at 5 SIDE OUTLET PLAZA DRAIN is identified as AD2. We have interpreted that these AD1 & AD2 are the same as LD1 & LD2; would that be correct?
Answer #47	Yes.
Question #48	Drawing L-600 at 5 SIDE OUTLET PLAZA DRAIN, shows the drain and shows "FINISHED PAVEMENT FOR PAVING MATERIAL SEE PAVING PLAN." The Dwg L-101 PAVING PLAN offers no information about the thickness nor the material of the 'pavement.' Please advise.
Answer #48	This area shall be concrete paving; refer to SK-2 and SK-2A, dated 2/10/15, attached.
Question #49	Spec 220002 PLUMBING UNIT PRICES seems to be a vestige remaining from a previous larger and more comprehensive project. Is it safe to assume that these unit prices may be ignored for WTCR-W30-2011-13?
Answer #49	Yes, these unit prices may be ignored.

Question #50	Drawing L-101 at 1 PAVING PLAN shows 3 locations showing a small square outlined by a broken line square and labeled as ELECTRICAL ACCESS BOX ENLARGEMENT 1/L104. There is one more small square shown on the left side of the plaza about half way up in the second from the bottom Paving sector 'A'. We assume that this is also an ELECTRICAL ACCESS BOX. Are we correct in that assumption?
Answer #50	Yes.
Question #51	Drawing L-104 at 3 TYPICAL ELECTRICAL ACCESS BOX DETAIL calls for "ACUDOR PRODUCTS INC MODEL #FB-5060-TD. Our research indicates this access box cover is for interior walls (see attached data sheets). It does not seem appropriate for an exterior plaza floor. Please advise.
Answer #51	Substitute with FT-8050 24"x24" as shown on the attached Sketch SK-3, dated 2/10/15.
Question #52	L-302 – Please provide a plan and detail showing the irrigation lines to the tree planters.
Answer #52	The tree planters have their own automatic tank system which will need to be filled by hand. They are not tied in to the irrigation system for the green wall. See details on L-302.
Question #53	Dwg LS101 calls out detail 4/L104 however we do not find such detail. Please provide.
Answer #53	Refer to attached SK-6, dated 2/11/15, for the missing detail. Please also reference the notes on Contract Drawing L-104 which describe the paver band material.
Question #54	Drawing E.01.01 at detail right hand side shows two notes "...EMPTY I" CONDUIT FOR FUTURE LIGHT POLES...SEE LIGHTING PLANS FOR EXACT LOCATION...J-BOX SHALL BE..." But lighting plan LT-100 shows a note at these locations saying "PROVIDE POWER FOR POTENTIAL FUTURE POLES". Is it intended to be empty conduit or a power circuit?
Answer #54	Empty conduits per Contract Drawing E.01.01 is correct.
Question #55	Drawing L-600 at "2 BENCH DETAIL" on the left hand side the encircled enlargement calls for "LIGHT". "10 LIGHT CHANNEL DETAIL" says the same. We cannot find any information on the light(s) anywhere. Please advise.
Answer #55	Refer to LT-100 (lighting Contract Drawing) and light fixture Specification 265600 for information on lighting.
Question #56	Drawing L-600, detail 10 LIGHT CHANNEL DETAIL shows the 'LIGHT' and 2 BENCH DETAIL shows the 'LIGHT'. Please provide data on the 'LIGHT' (Manufacturer, Model No, Finish, Voltage, etc.).
Answer #56	Refer to LT-100 (lighting Contract Drawing) and light fixture Specification 265600 for information on lighting.

Question #57	Sheet L-100 – Please provide a plan showing the location(s) of the Ipe bench at the living wall. Call out is 2/L600.
Answer #57	Ipe bench is to be installed in accordance with 2/L-600 and follow the Bench Layout Plan on L-105.

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.

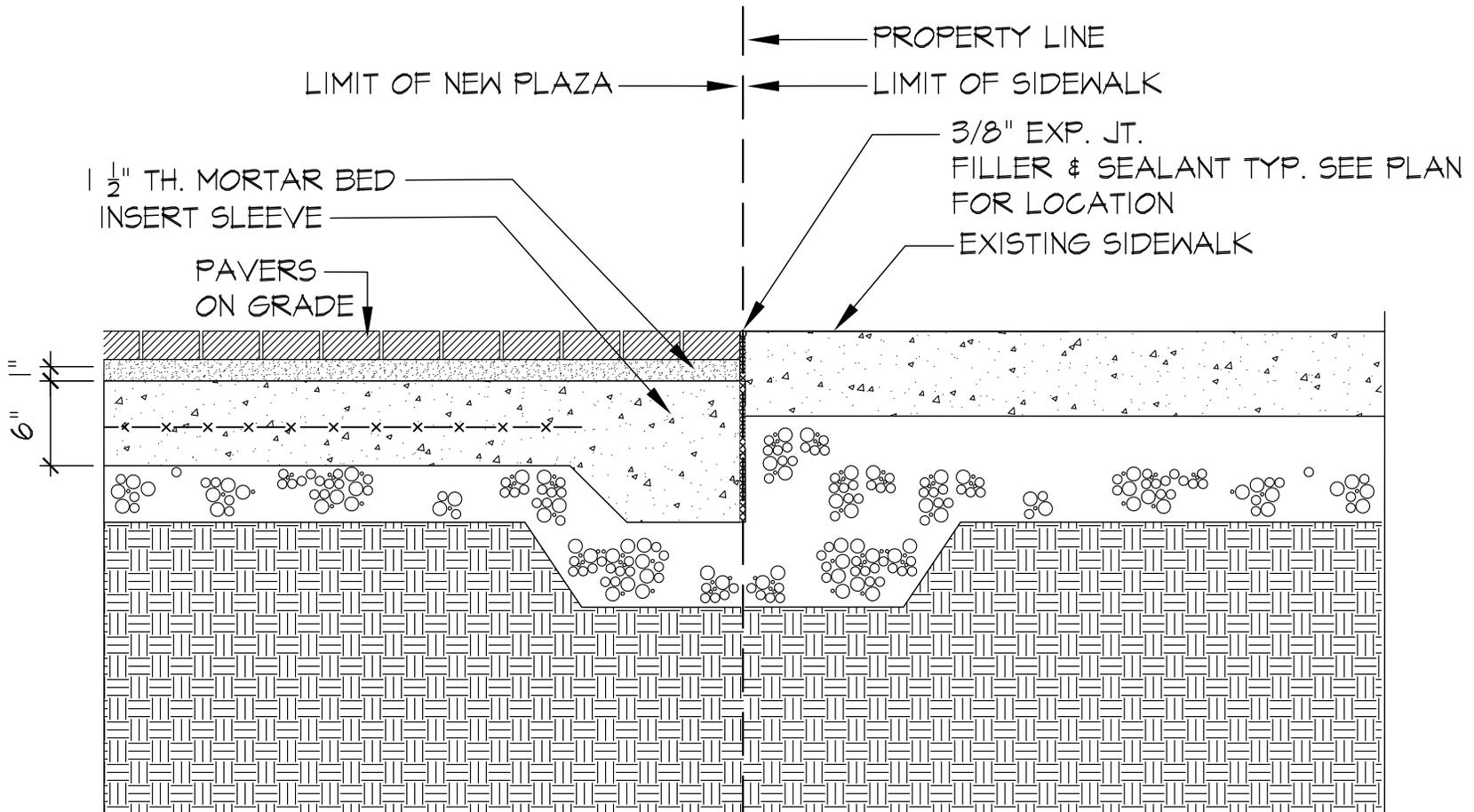
QUESTIONS CONCERNING THIS ADDENDUM MAY BE ADDRESSED TO JOANN SPIRITO, WHO CAN BE REACHED AT (212) 435-5640 or at jspirito@panynj.gov.

THE PORT AUTHORITY OF NY & NJ
 JOANN SPIRITO
 ASSISTANT PROCUREMENT MANAGER
 FTA/WTC SITE PROJECTS

RESPONDENT’S FIRM NAME: _____

INITIALED: _____

DATE: _____

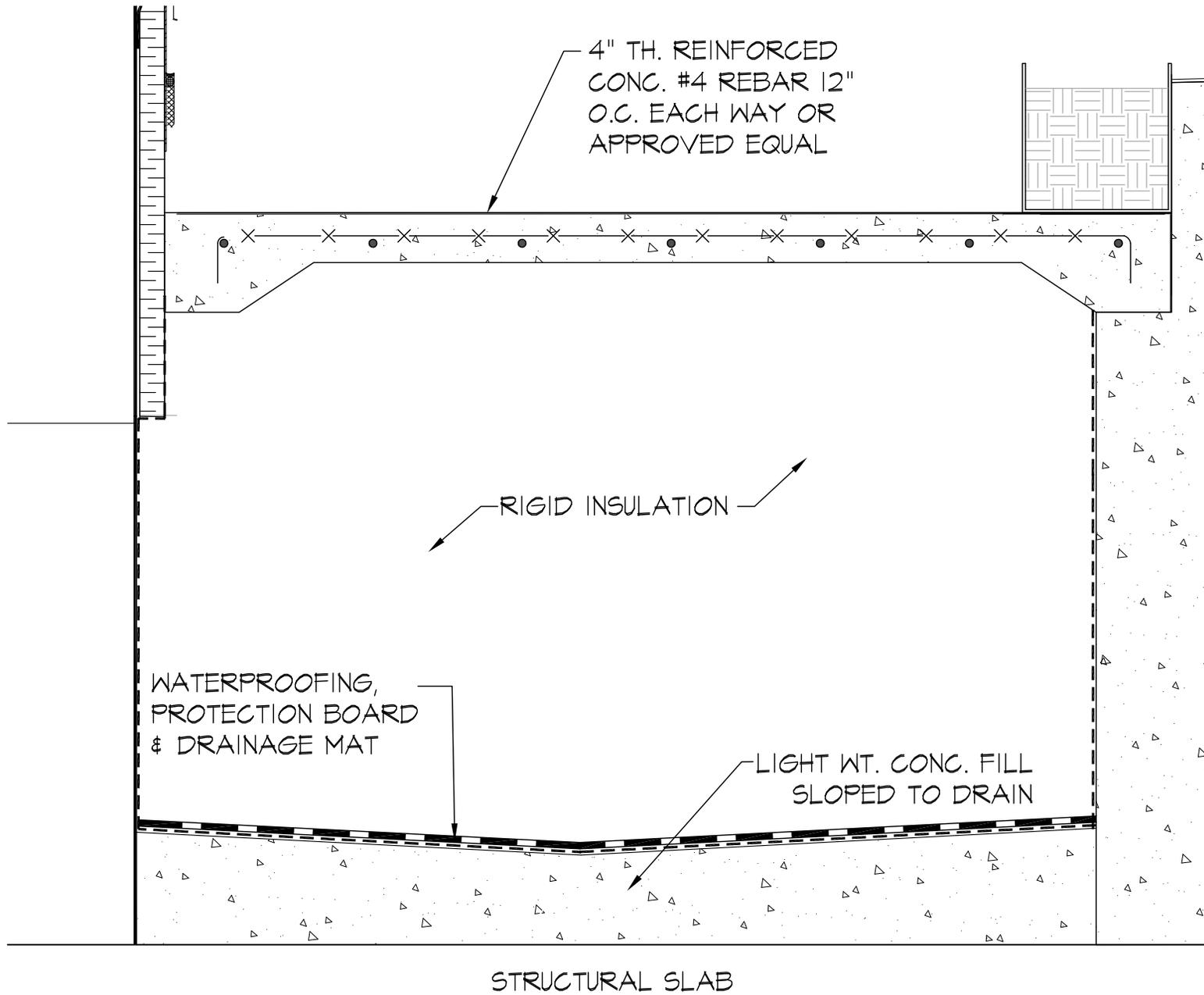


NOTE: FOR PAVING DETAILS
REFER TO L-600. SKETCH IF FOR
CLARIFICATION PURPOSES ONLY

SK-1
MPFP
2-10-15



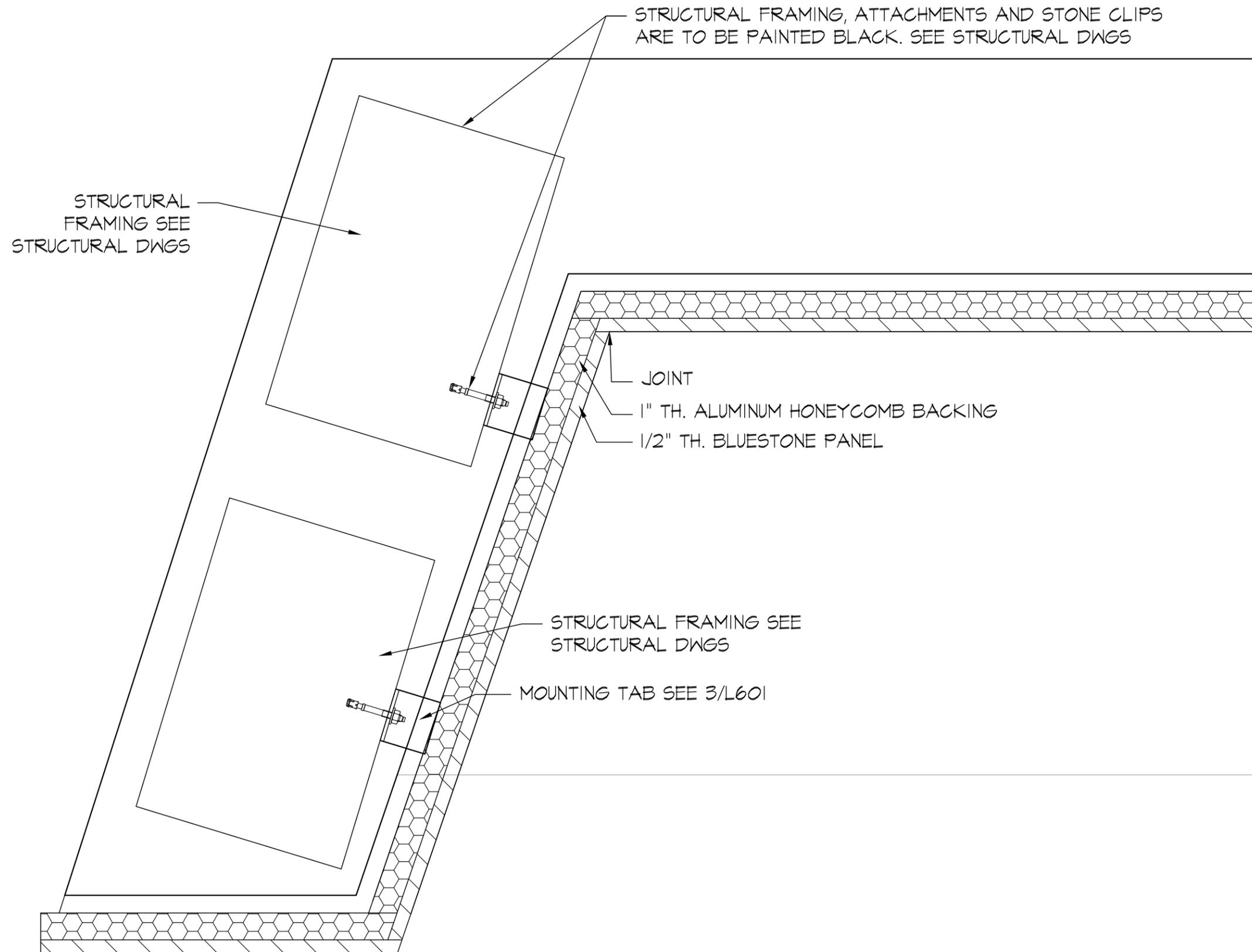
SK-2
SCALE: 1/8" = 1'-0"
MPFP
2-10-15



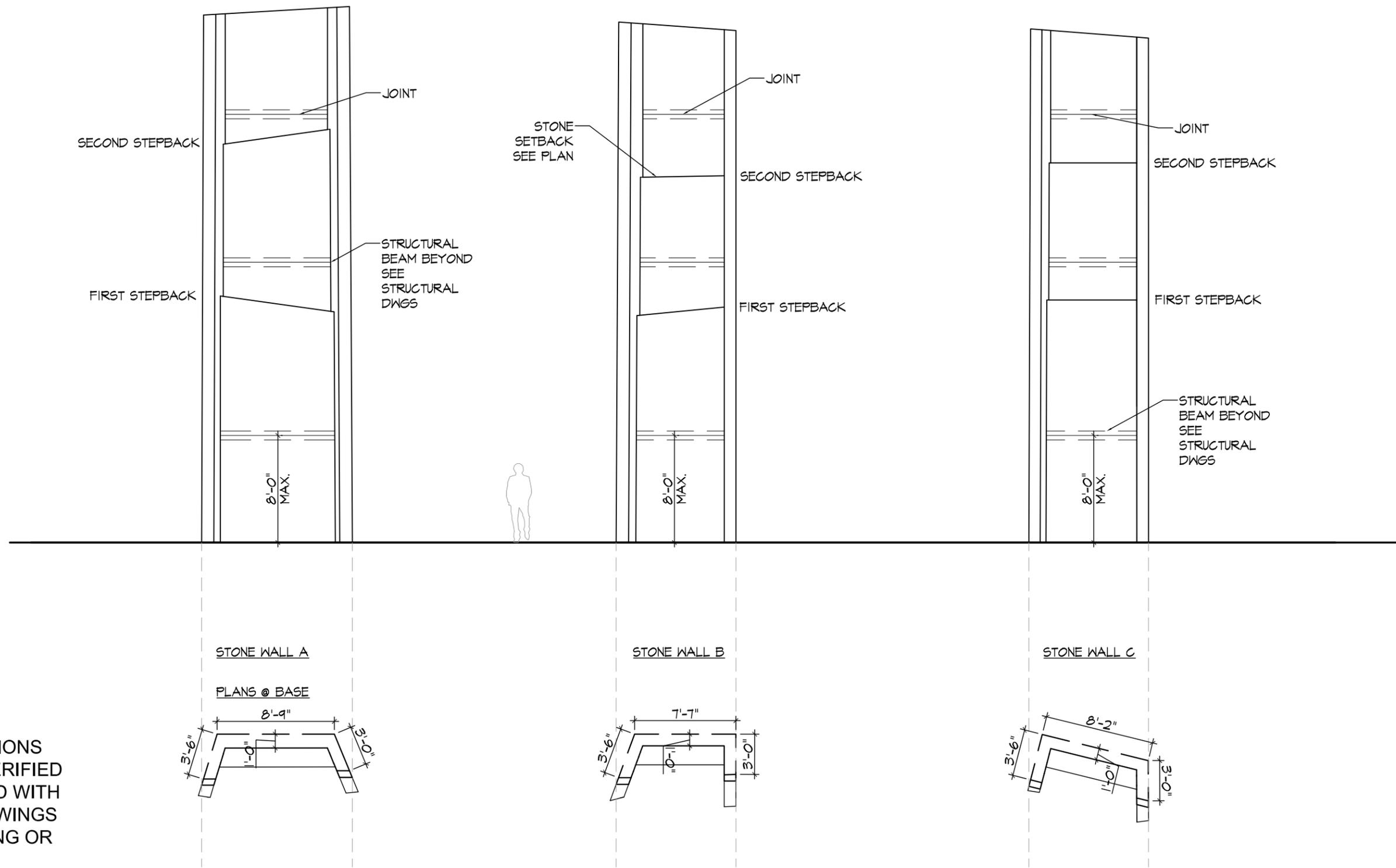
SK-2A
SCALE: 1" = 1'-0"
MPFP
2-10-15



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

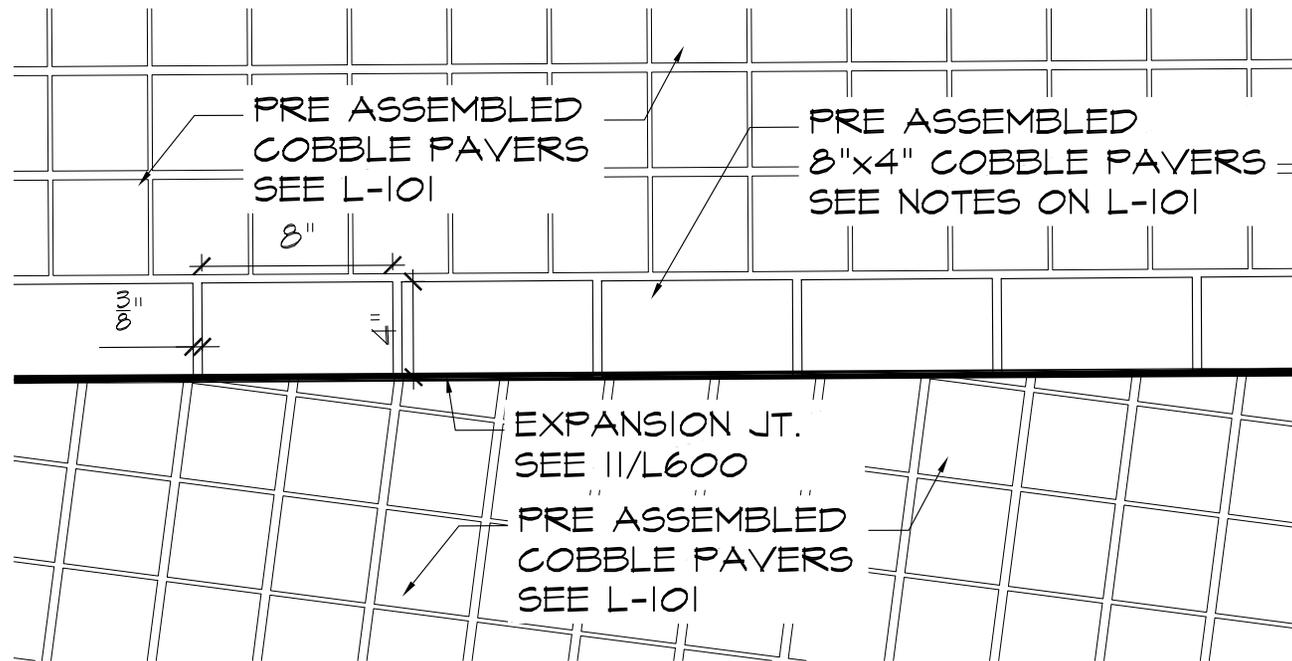


SK-4
 SCALE: 3" = 1'-0"
 MPFP
 2-10-15



NOTE: ALL DIMENSIONS SHALL BE FIELD VERIFIED AND COORDINATED WITH STRUCTURAL DRAWINGS PRIOR TO ORDERING OR INSTALLATION OF MATERIALS

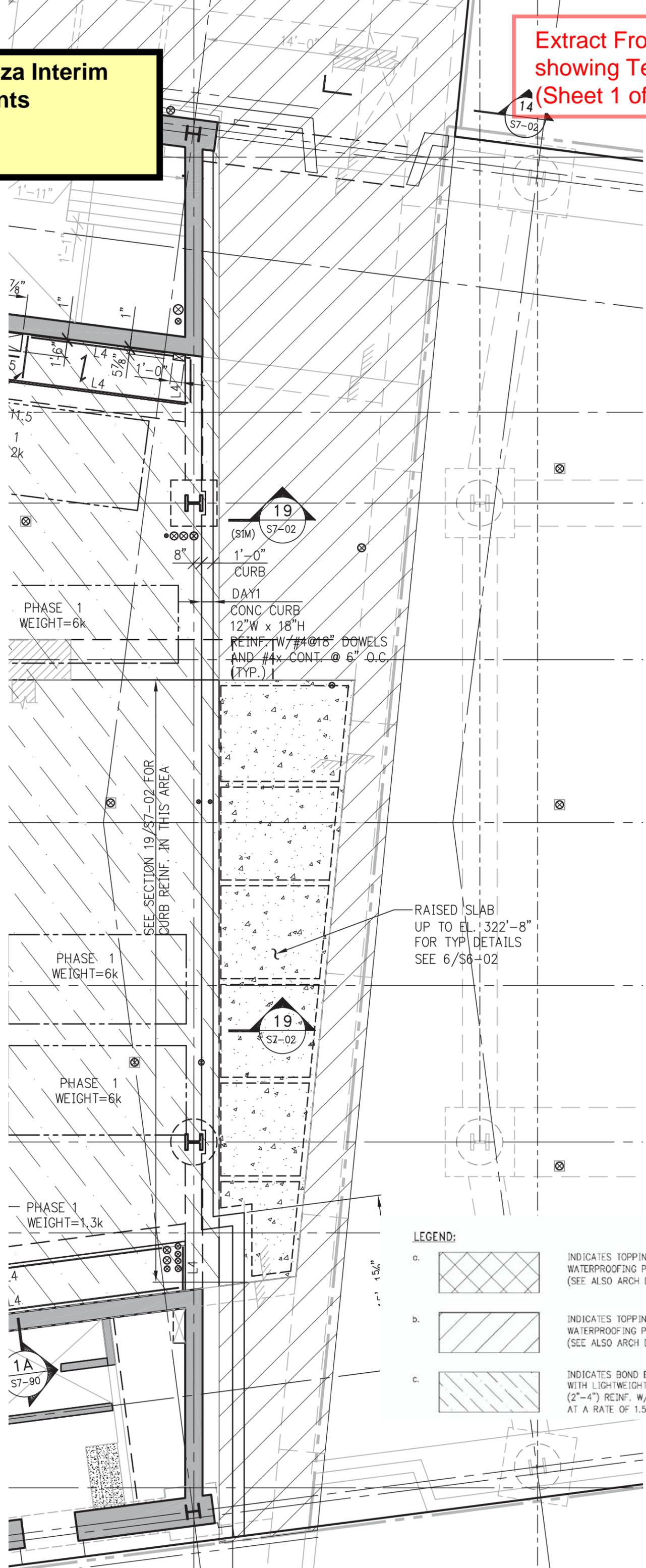
SK-5
 SCALE: 1/8" = 1'-0"
 MPFP
 2-10-15



SK-6
SCALE: 3" = 1'-0"
MPFP
2-11-15

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'-11"

7/8"

1"

1"

1'-6"

L4

5/8"

1'-10"

L4

1'-5"

1

2k

PHASE 1 WEIGHT=6k

PHASE 1 WEIGHT=1.3k

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.)

19

(SIM) S7-02

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.

1A

S7-90

14

S7-02

14'-0"

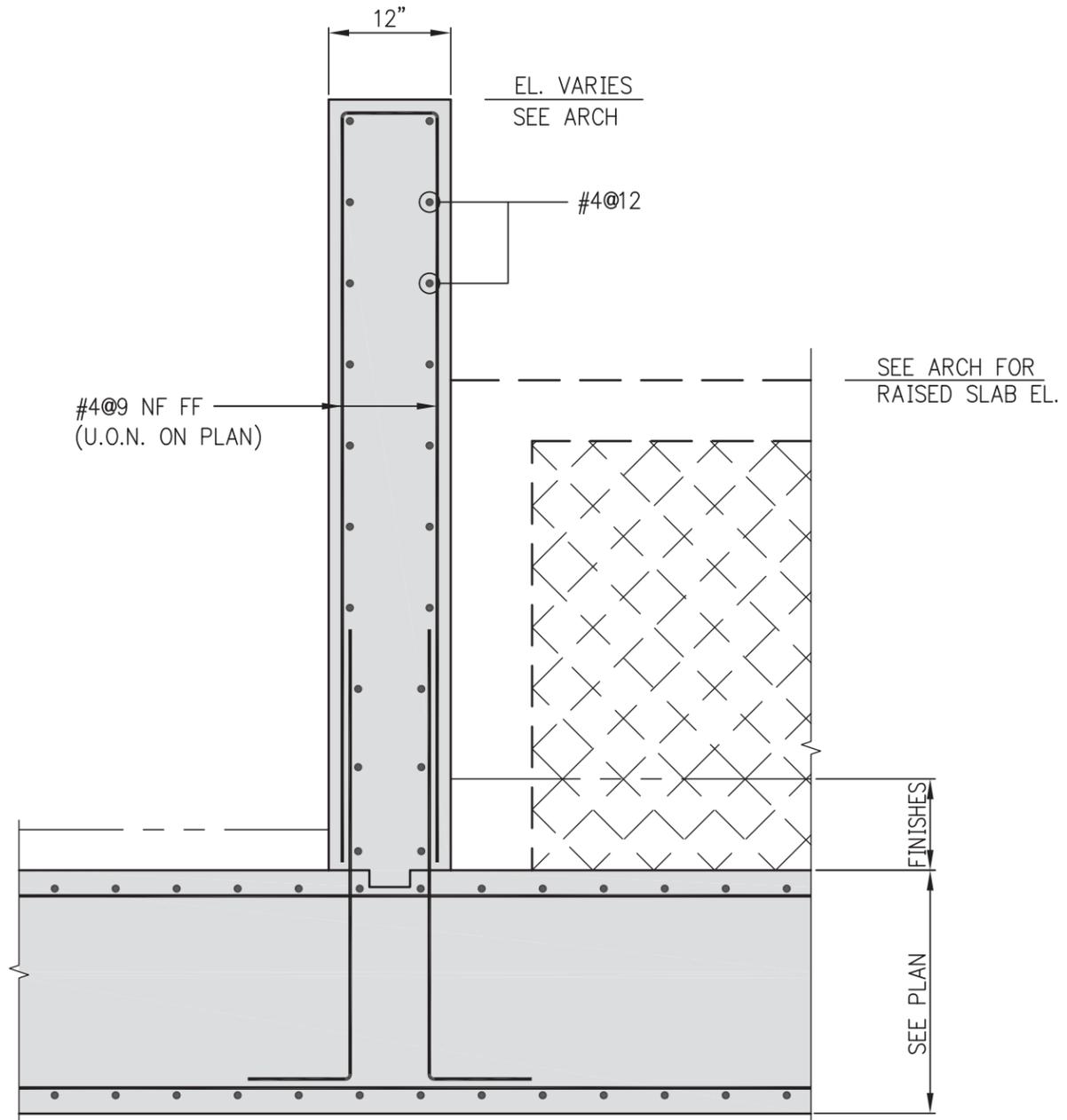
15/16"

**Tower 2 Plaza Interim
Improvements**

SK-8

2/10/2015

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

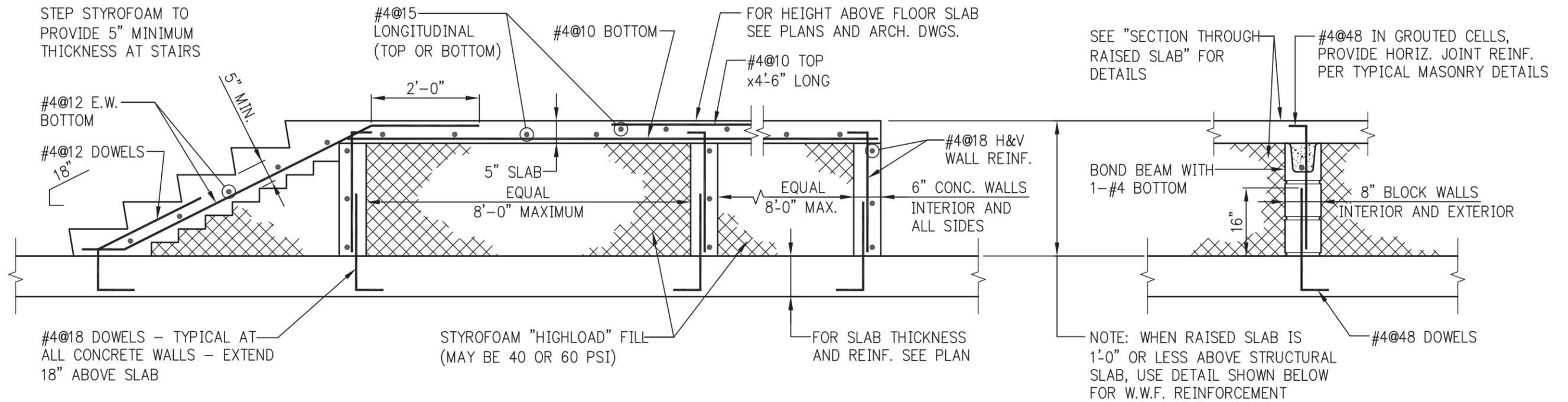


19
S7-02

19A
S7-02

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

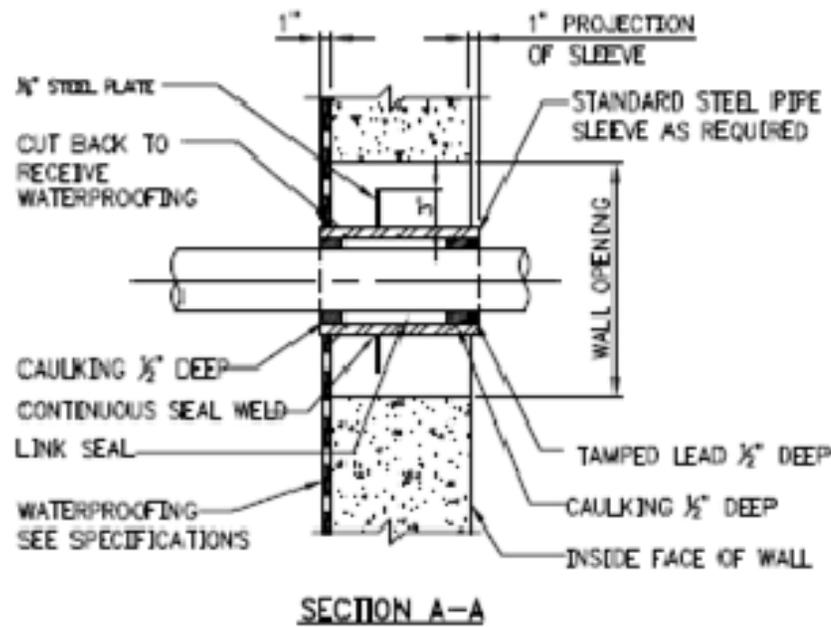
Extract From Ground Floor Plan showing temp slab build up (Sheet 3 of 3)



SECTION THROUGH RAISED SLAB

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

RAISED SLAB - ALTERNATIVE SUPPORTING WALL



WATERPROOFED SLEEVE THROUGH WALL
WITH WATERPROOFING