



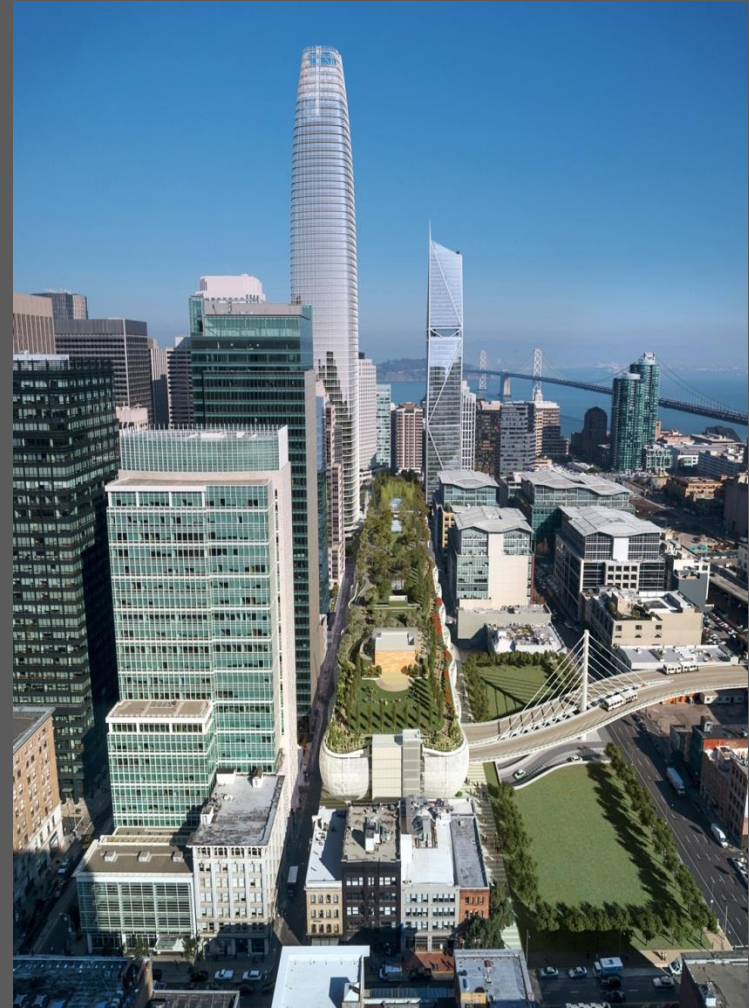
Transbay Transit Center

# TRANSBAY TRANSIT CENTER

## TG13.2 Roofing/Waterproofing

Pre-Bid Question and Answer Session  
Webcor/Obayashi Joint Venture Office  
175 Beale St.  
San Francisco, CA  
2:00PM September 18, 2014

Please sign in!





Transbay Transit Center

# Transbay Transit Center

## TG13.2 Roofing/Waterproofing

### Project General Information

- Client: Transbay Joint Powers Authority (TJPA)
- Construction Manager/General Contractor: Webcor/Obayashi Joint Venture
- Architect: Pelli Clarke Pelli Architects / Adamson Associates













BUILDING SECTION



Transbay Transit Center





NATOMA STREET VIEW – METAL AWNING







BEALE STREET VIEW



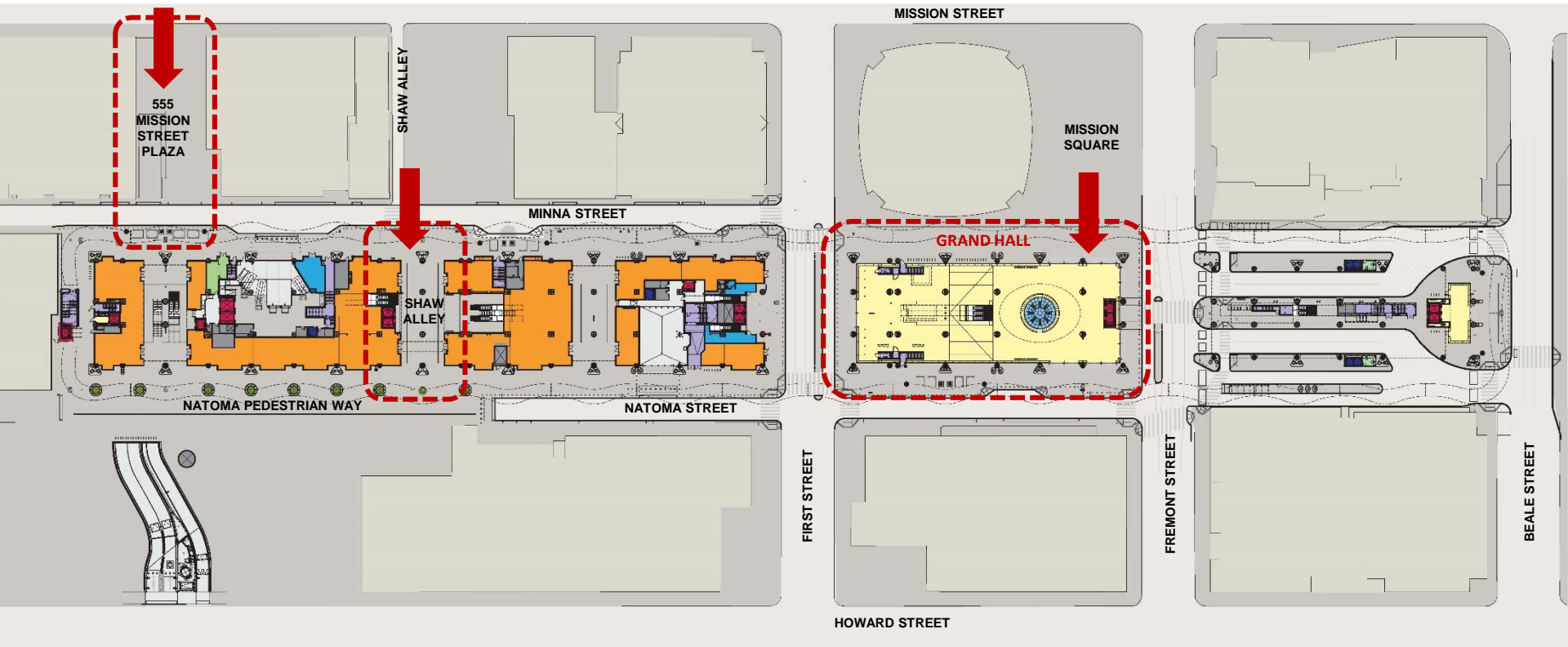


FIRST STREET VIEW



Transbay Transit Center

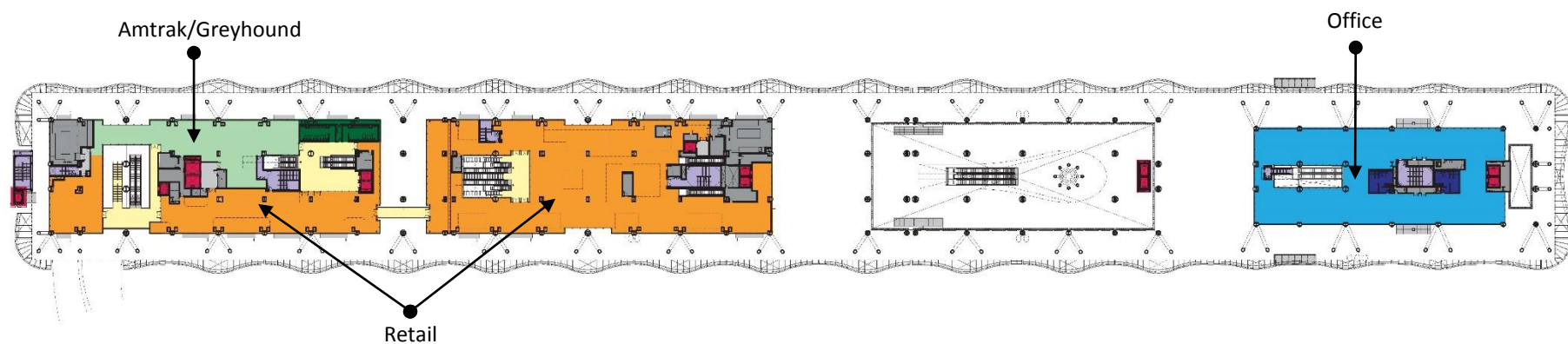




GROUND LEVEL PLAN



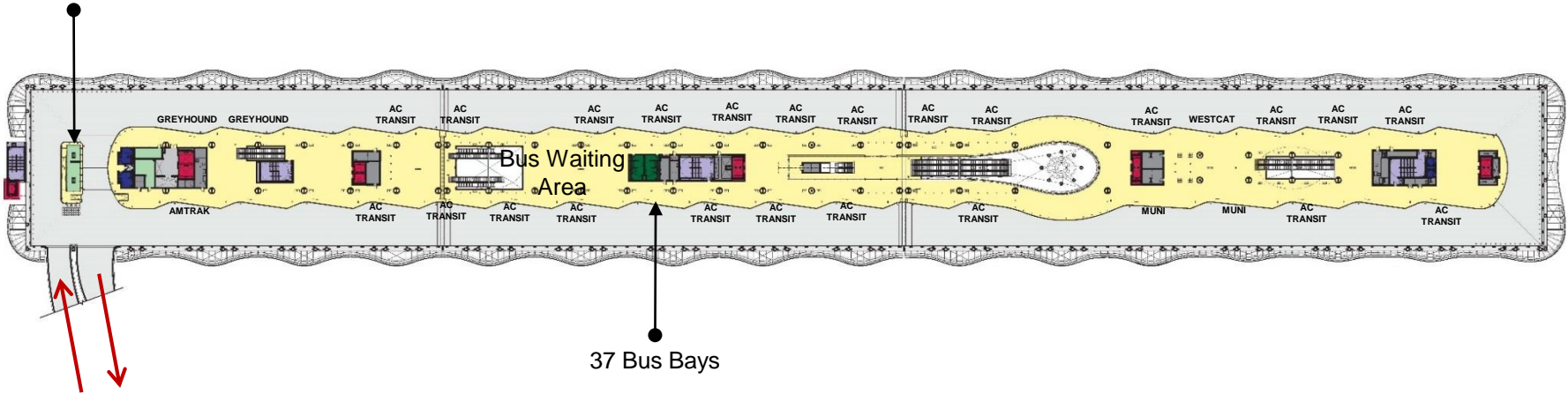




Second Level



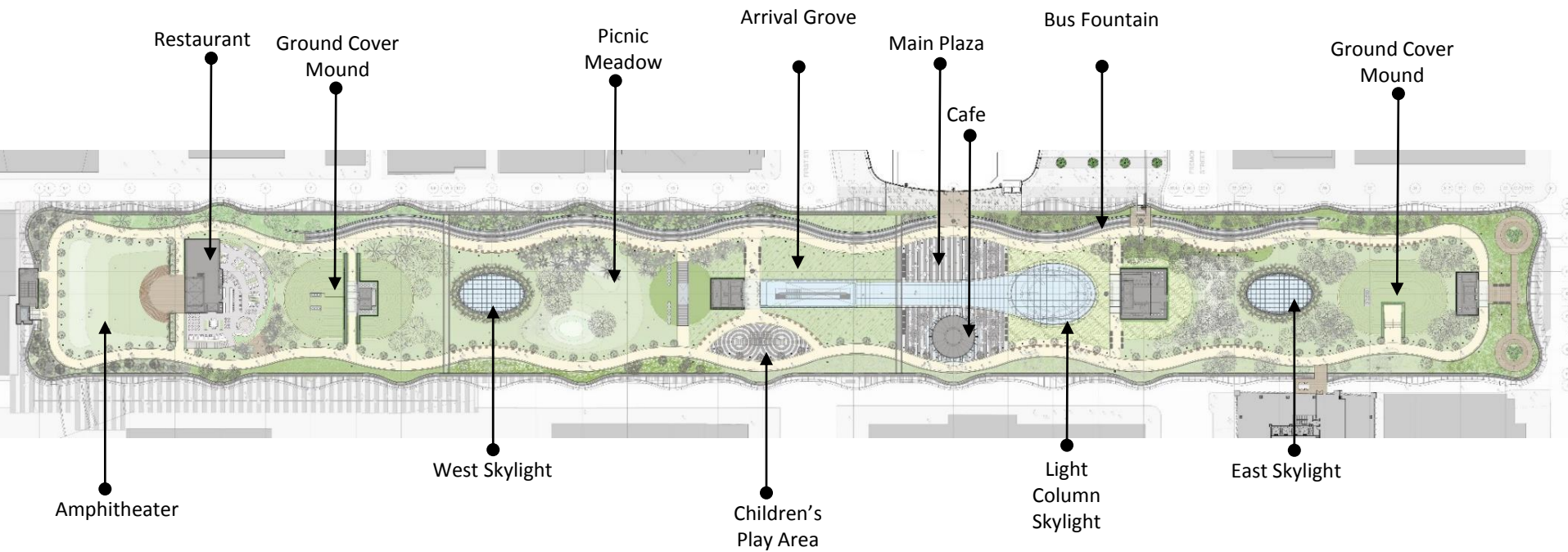
Bus Deck  
Superintendent  
Station



37 Bus Bays

Bus Ramp









GRAND HALL



Transbay Transit Center





BUS DECK







ROOF PARK



Transbay Transit Center









Transbay Transit Center

# Transbay Transit Center

## TG13.2 Roofing/Waterproofing

### Scope Summary Review

- Furnish and Install all of the following items including all associated materials and work for a complete system per the contract documents & manufacturer's requirements:
- Site Dampproofing (WPM-5)
  - Site Fluid-Applied Waterproofing (WPM-4)
  - Self-Adhered Sheet Waterproofing (WPM-10, 10A)
  - Modified Bitumen Waterproofing (WPM-1)
  - PVC Waterproofing (WPM-3)
  - Thermoplastic Water Tank Liners
  - Hot Fluid-Applied Waterproofing (WPM-2)
  - Crystalline Waterproofing (WPM-5)
  - Floor Coatings (FC-1, FC-2, **FC-4**)
  - Site Repellents
  - Water-Repellent Coatings (WPM-9)
  - PVC Roofing (RF-1)
  - Liquid Applied Floor Coatings (including but not limited to FC-1, FC-2, and FC-3),





Transbay Transit Center

# Transbay Transit Center

## TG13.2 Roofing/Waterproofing

### Scope Summary Review

- All work of this Trade Package shall:
  - Tie-in to waterproofing installed by other trade packages.
  - Extend enough to allow overlapping to create a water tight condition in areas where it is integrated into the work of other trade subcontractors.
- All surface preparation for own work.
- All acclimatization and protection for own work.
- Furnish all third party testing, review, and inspection for this scope of work not explicitly called out to be paid for by the owner.
- Slopped topping over surfaces to receive waterproofing which require positive drainage to maintain the system warranty (see 4 & 8/A1-7552 and 1 & 2/A1-9305 for examples).



Transbay Transit Center

# Transbay Transit Center

## TG13.2 Roofing/Waterproofing

### Scope Summary Review

- Roof Park Restaurant between Grid Lines B4 and G7:
  - Furnish, install, remove, and properly dispose of WPM-3 waterproofing system and foam cant strips directly over structural deck to create a water tight condition integrated into the surrounding waterproofing system.
  - This system must be warrantable when exposed for extended periods of time.
- Assume tubular daylighting devices have been deleted from the project:
  - Openings in the substrate for tubular daylighting devices will be infilled with the adjacent material.
  - Continue the adjacent waterproofing system throughout the area to create a continuous waterproofing system.





Transbay Transit Center

# Transbay Transit Center

## TG13.2 Roofing/Waterproofing

### Scope Summary Review

- Assume stem walls and concrete filled metal deck at Glass Building – Café (W-20) are to be waterproofed as part of the base bid price.
- All engineering for Trade Subcontractor's scope of work (see Specification Section 07 62 00 2.1 for example).
- Furnish a QA/QC representative to review any substrates required to be reviewed with the general contractor at the same time Webcor/Obayashi Joint Venture is performing the QA/QC process at initial installation of the substrate.
- All scanning required for this scope of work (see Specification Section 07 13 54 Subsection 3.2.F.2 for example).





Transbay Transit Center

# Transbay Transit Center

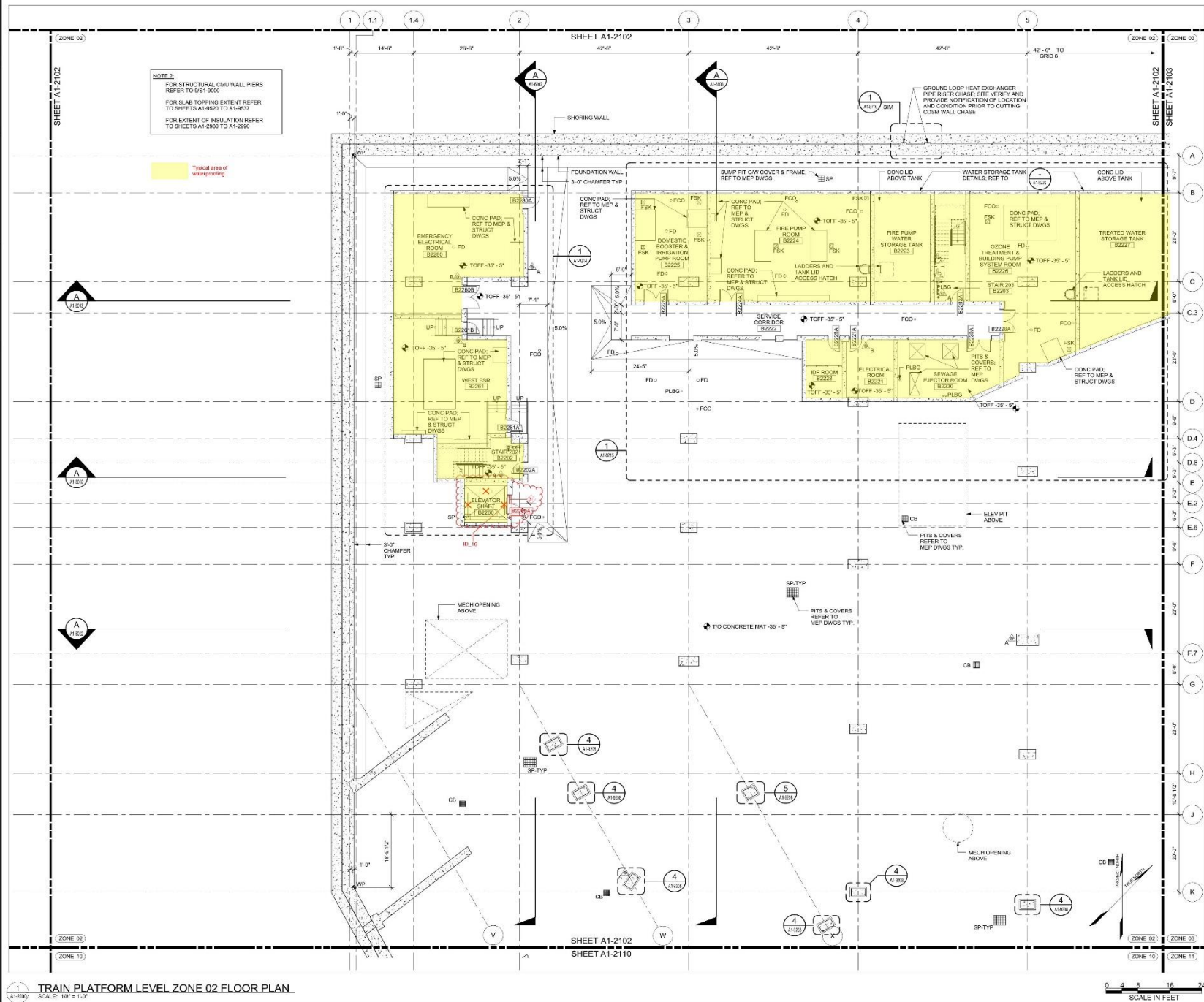
## TG13.2 Roofing/Waterproofing

### Scope Summary Review

- Assume a value of 3% of base furnish and installation value for sealing penetrations through waterproofing not shown on the contract documents and patching of roofing/waterproofing as directed by Webcor/Obayashi Joint Venture.
- Composite Resin Flooring (FC-4) as shown on ASI 127.



Notes: If this sheet is not 48" x 36" it has been revised from its original size. Scales noted on drawings are not to be used for construction. Scales noted on drawings are not to be used for construction.



NOTE 2:  
FOR STRUCTURAL CMU WALL PIERS  
REFER TO S1-900  
FOR SLAB TOPPING EXTENT REFER  
TO SHEETS A1-950 TO A1-957  
FOR EXTENT OF INSULATION REFER  
TO SHEETS A1-260 TO A1-265

Typical area of  
waterproofing

TRANSBAY TRANSIT CENTER  
TRANSBAY JOINT POWERS AUTHORITY

**Pelli Clarke Pelli Architects**  
adamson  
ASSOCIATES INC.

01 02 03 04 05 06 07 08

09 10 11 12 13 14 15 16

Key Map  
N

REVISIONS	
NO.	DESCRIPTION
1	180714 T1032 FLOOR/MEP/STRUCT/SCOPING DRAWINGS

08-04-CMGC-000  
TRANSBAY TRANSIT CENTER PROGRAM  
TRANSBAY TRANSIT CENTER  
SAN FRANCISCO, CA  
TRAIN PLATFORM LEVEL  
ZONE 02 FLOOR PLAN

PROFESSIONAL ARCHITECT  
G. METZGER  
S. ROTT  
PROJECT MANAGER  
WAL BRAGLEY  
G. RAMLOCHAN  
DATE: 06/20/2014  
SHEET NUMBER  
140

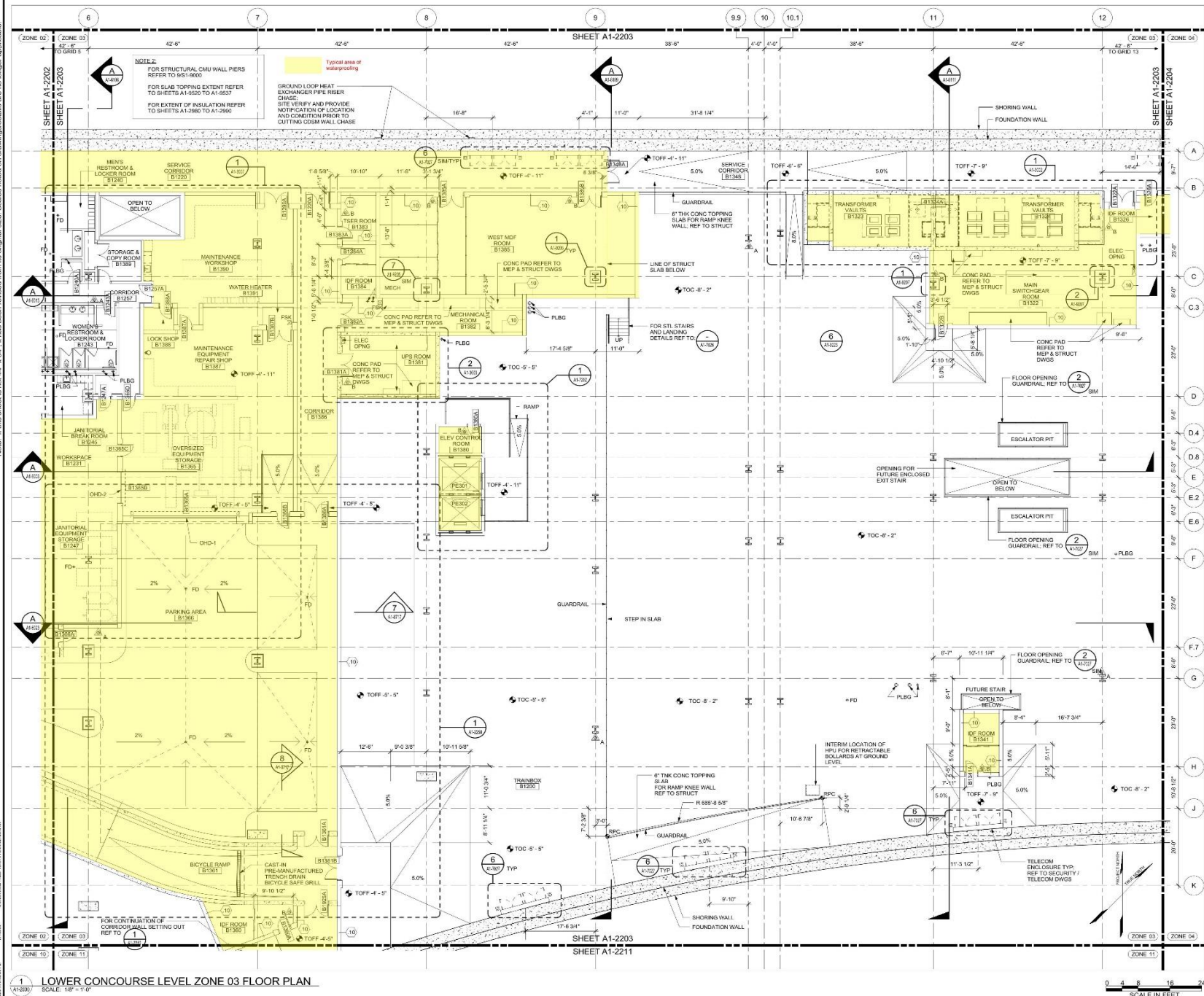
ISSUED FOR CONSTRUCTION  
SKA-3482  
(A1-2102)

of

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Transbay Transit Center  
TRANSBAY JOINT POWERS AUTHORITY

Pelli Clarke Pelli Architects  
adamson  
ASSOCIATES INC.

NO.	DATE	REVISION	DESCRIPTION
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03	02/11/14	3	ISSUED FOR CONSTRUCTION
04	02/11/14	4	ISSUED FOR CONSTRUCTION
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06	02/11/14	6	ISSUED FOR CONSTRUCTION
07	02/11/14	7	ISSUED FOR CONSTRUCTION
08	02/11/14	8	ISSUED FOR CONSTRUCTION

Key Map  
N

08-04-CMGC-000  
TRANSBAY TRANSIT CENTER PROGRAM  
TRANSBAY TRANSIT CENTER  
SAN FRANCISCO, CA  
LOWER CONCOURSE LEVEL  
ZONE 03 FLOOR PLAN

PROJECT ARCHITECT	G. METZGER
PROJECT MANAGER	S. ROTT
ARCHITECT	P. MACPHERSON
ENGINEER	E. DEL ANGELO
DATE	03/11/2014
SCALE	1/8" = 1'-0"
SHEET NUMBER	140
REVISION NUMBER	

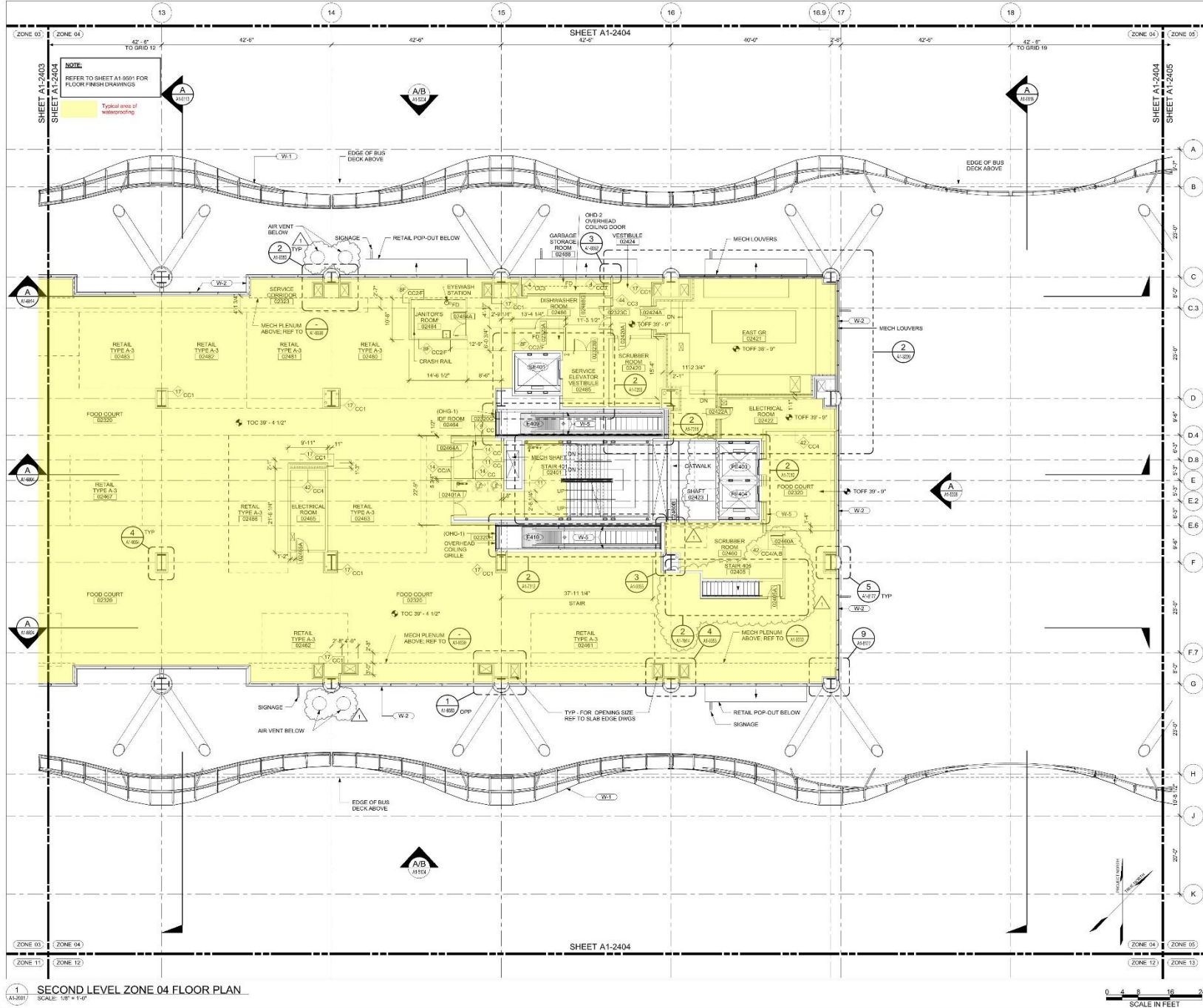


ISSUED FOR CONSTRUCTION



Note: If this sheet is not 48" x 36" it has been revised from its original size. Scales noted on drawings/details are no longer applicable.

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Transbay Transit Center  
TRANSBAY JOINT POWERS AUTHORITY

Pelli Clarke Pelli Architects  
adamson  
ASSOCIATES INC.

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Key Map

REVISIONS

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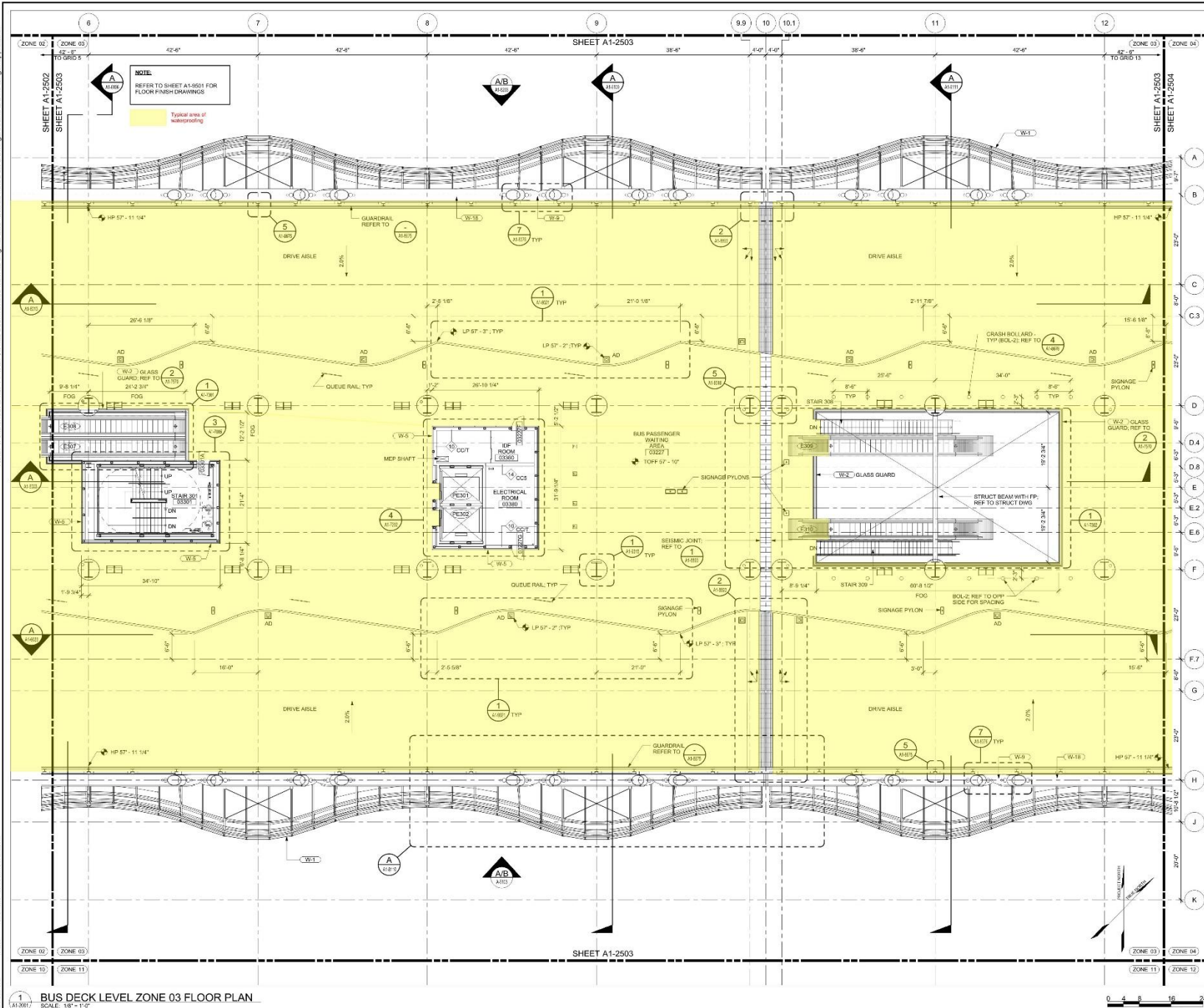
08-04-CMGC-000

TRANSBAY TRANSIT CENTER PROGRAM  
TRANSBAY TRANSIT CENTER  
SAN FRANCISCO, CA  
SECOND LEVEL  
ZONE 04 FLOOR PLAN

ISSUED FOR BID

A1-2404 of

Note: If this sheet is not 48" x 36", it has been revised from its original size. Scales noted on drawings/details are no longer applicable.



1 BUS DECK LEVEL ZONE 03 FLOOR PLAN  
SCALE: 1/8" = 1'-0"

Transbay Transit Center  
TRANSBAY JOINT POWERS AUTHORITY

Pelli Clarke Pelli Architects  
adamson  
ASSOCIATES INC.

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Key Map

08-04-CMGC-000  
TRANSBAY TRANSIT CENTER PROGRAM  
TRANSBAY TRANSIT CENTER  
SAN FRANCISCO, CA  
BUS DECK LEVEL  
ZONE 03 FLOOR PLAN

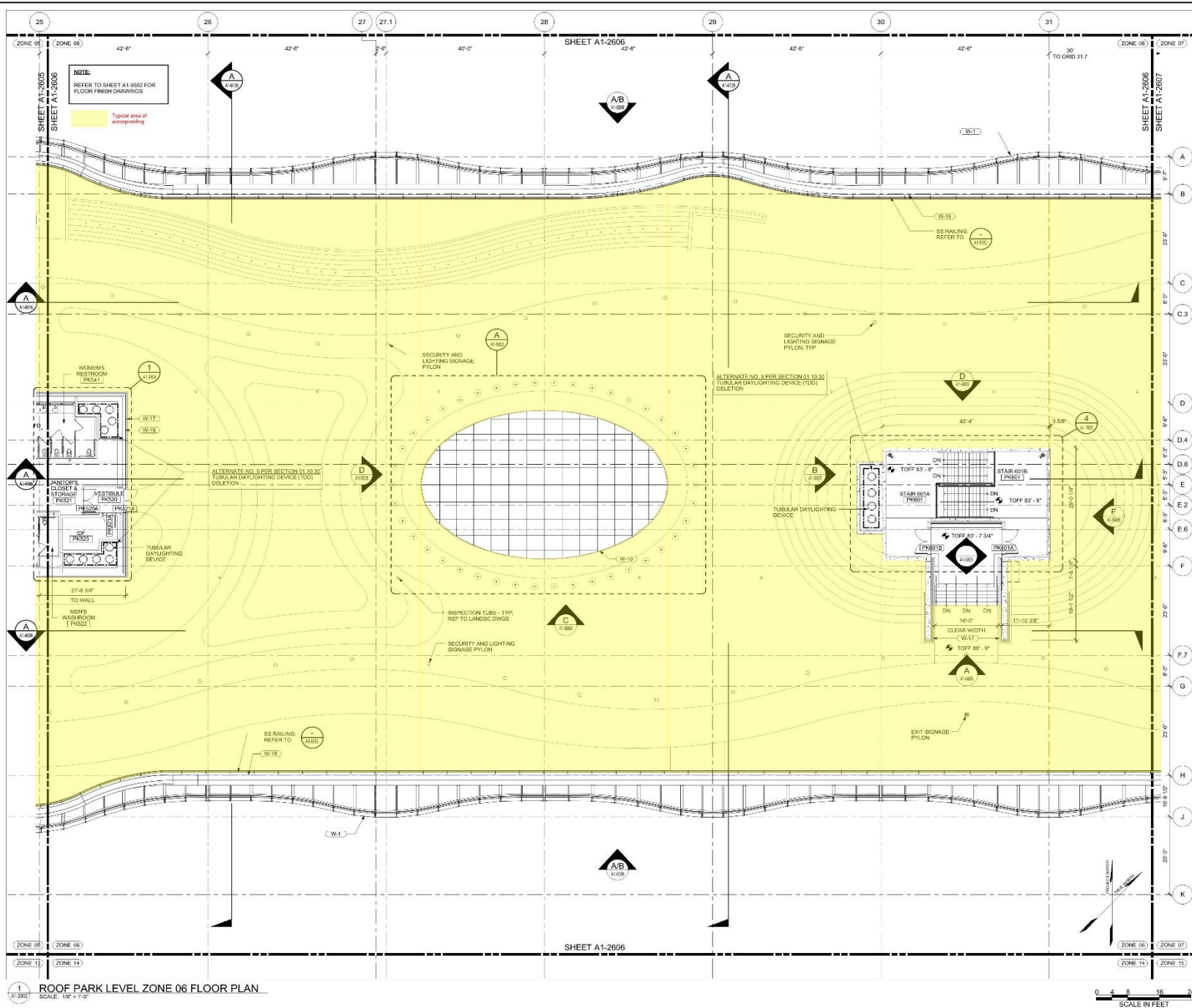
ISSUED FOR CONSTRUCTION

A1-2503 of



Note: If this sheet is not 42" x 34", it has been revised from its original size. Scales noted on drawings/details are no longer applicable.

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A1-2606  
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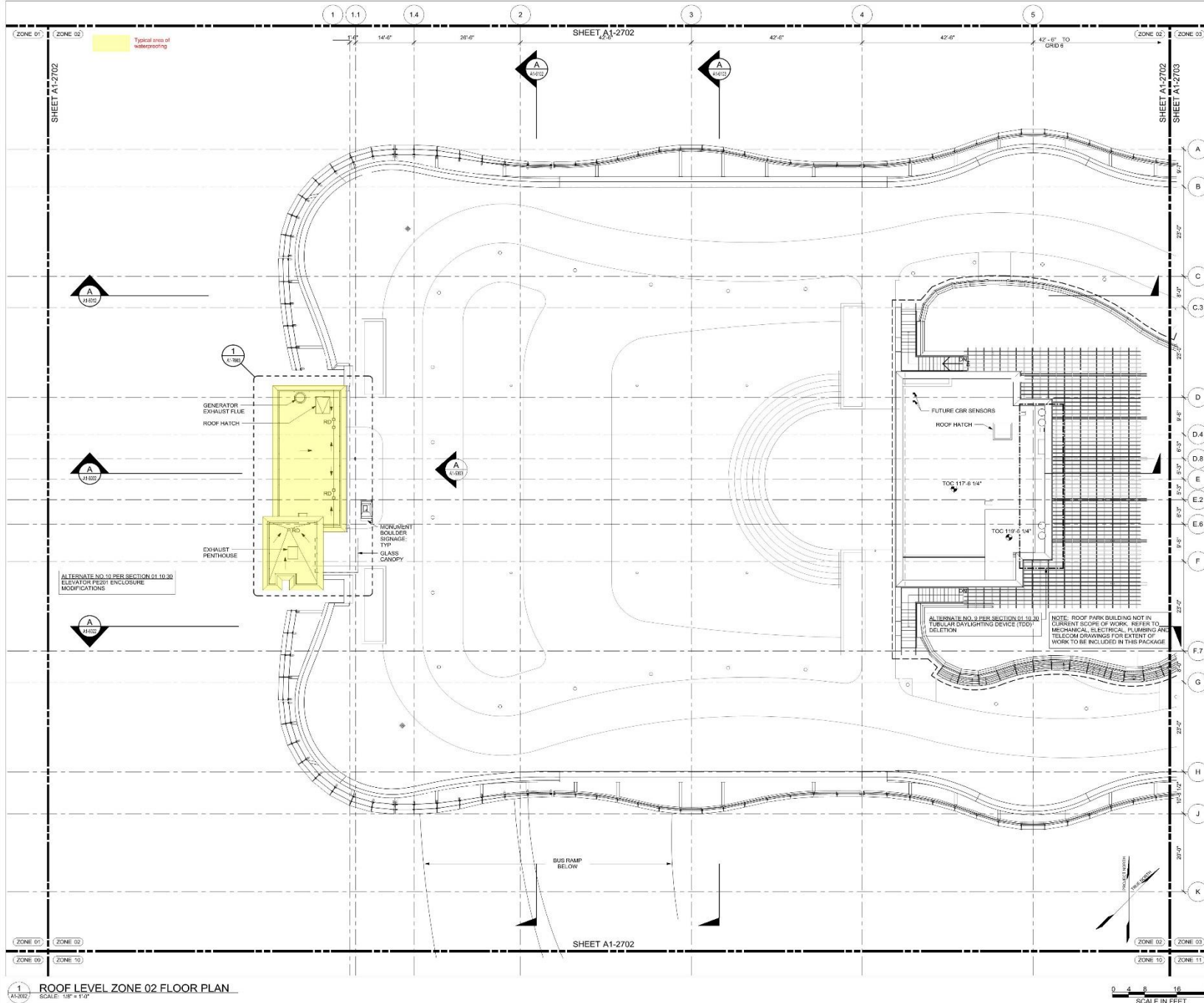
Transbay Transit Center  
TRANSBAY JOINT POWERS AUTHORITY

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adamson  
ASSOCIATES INC.

08-04-CMGC-000

TRANSBAY TRANSIT CENTER PROGRAM  
TRANSBAY TRANSIT CENTER  
SAN FRANCISCO, CA  
ROOF PARK LEVEL  
ZONE 06 FLOOR PLAN

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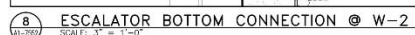
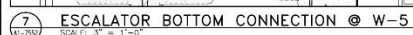
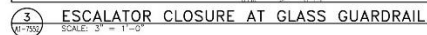
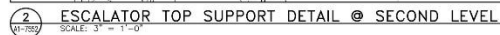
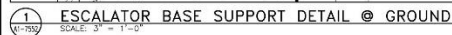
 <b>Transbay Transit Center</b> TRANSBAY JOINT POWERS AUTHORITY	
<b>Pelli Clarke Pelli Architects</b>  <b>adamson</b> ASSOCIATES INC.	
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<b>08-04-CMGC-000</b>	
<b>TRANSBAY TRANSIT CENTER PROGRAM</b> <b>TRANSBAY TRANSIT CENTER</b> <b>SAN FRANCISCO, CA</b>	
<b>ROOF LEVEL</b> <b>ZONE 02 FLOOR PLAN</b>	
	
PROJECT ARCHITECT: <b>G. METZGER</b> PROJECT MANAGER: <b>S. ROTTI</b> DESIGNER: <b>E. DEL ANGEL</b> CHECKED BY: <b>W.R. BRADLEY</b> J. LYUKOVA 033102014 1/8" = 1/4"	
SHEET NUMBER: <b>A-2702</b>	

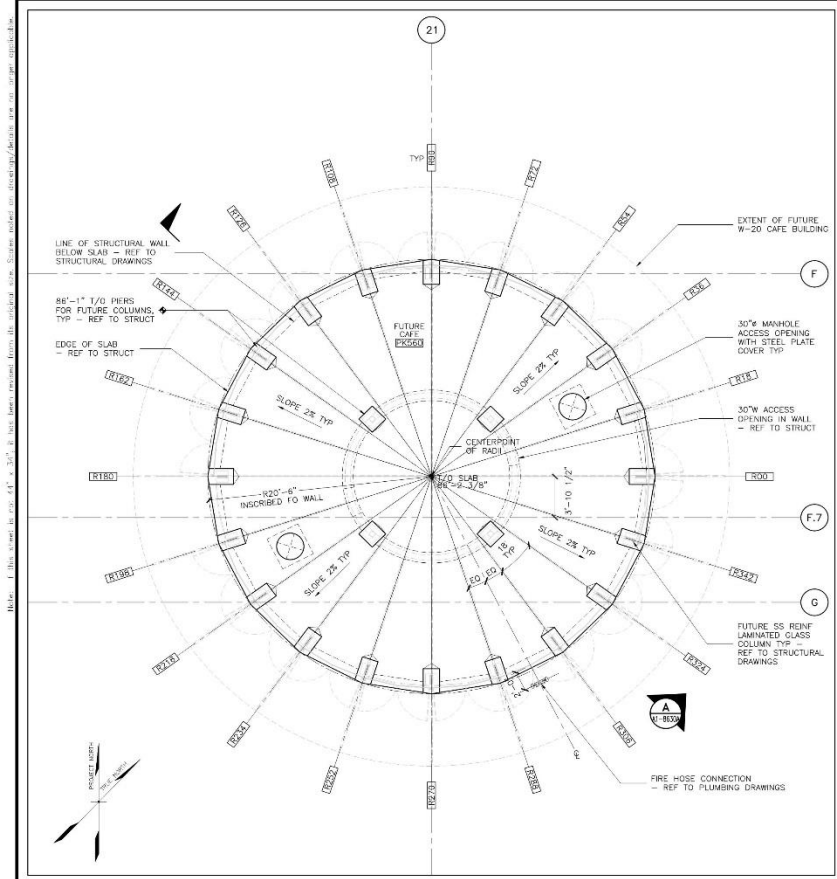








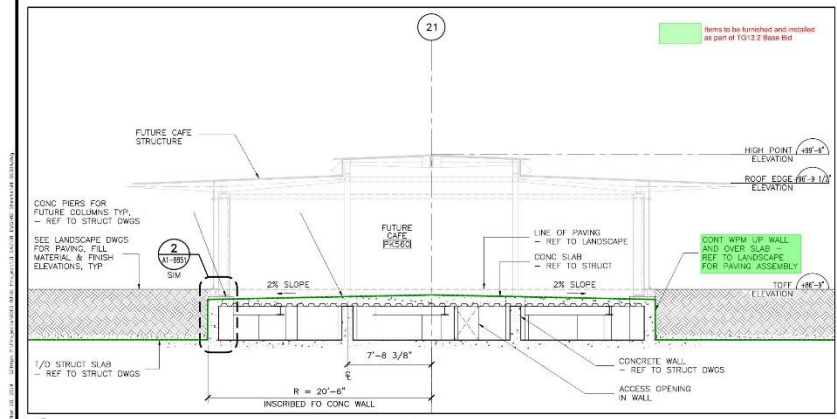




**1** ALTERNATE No. 27 (NO CAFE BUILDING) PLAN  
 W-20 SCALE: 1/4" = 1'-0"  
 A1-2002



**2** NOT USED  
 W-20 SCALE: NTS



**A** ALTERNATE No. 27 (NO CAFE BUILDING) SECTION  
 W-20 SCALE: 1/4" = 1'-0"  
 A1-2002, A1-2020



**4** NOT USED  
 W-20 SCALE: NTS

**ALTERNATE No. 27 (NO CAFE BUILDING) DESCRIPTION**

- ALTERNATE No. 27:  
 DELETE ROOF PARK LEVEL CAFE BUILDING. PROVIDE STRUCTURAL FOUNDATION FOR FUTURE CAFE BUILDING. EXTEND MAIN PLAZA-SOUTH PAVING OVER CAFE FOUNDATION. EXTEND WATERPROOFING SYSTEM OVER STRUCTURAL SLAB AS INDICATED IN ARCHITECTURAL AND STRUCTURAL DRAWINGS.
- DIMENSIONAL CONTROL:  
 A. DIMENSIONAL CONTROL SHALL BE DERIVED FROM THE TWO DIMENSIONAL 20) W-20 SYSTEM DRAWINGS.
- STRUCTURE:  
 A. STRUCTURAL INFORMATION SHOWN IN THE ARCHITECTURAL DRAWINGS IS FOR REFERENCE ONLY.  
 B. REFER TO STRUCTURAL DRAWINGS FOR DIMENSIONS AND GEOMETRY.
- MECHANICAL:  
 A. EXTEND AND CAP MECHANICAL INFRASTRUCTURE BENEATH PAVING SLAB.
- ELECTRICAL:  
 A. EXTEND AND CAP ELECTRICAL INFRASTRUCTURE BENEATH PAVING SLAB.
- PLUMBING:  
 A. EXTEND AND CAP PLUMBING INFRASTRUCTURE BENEATH PAVING SLAB.

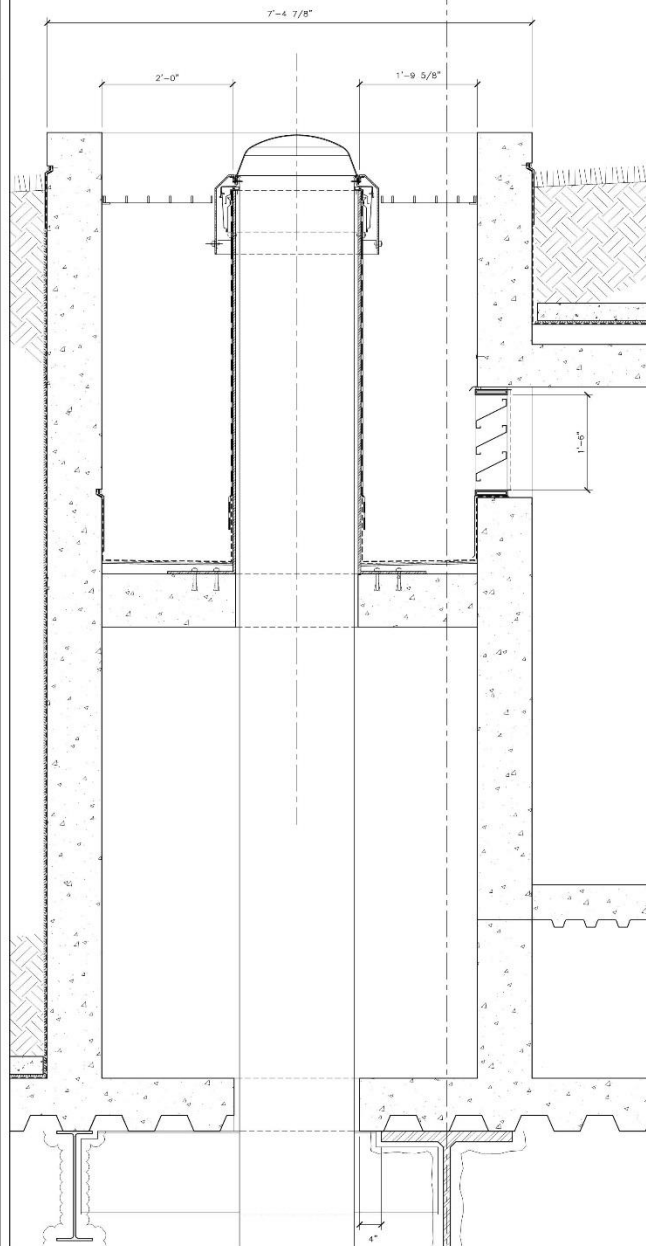
**5** ALT No. 27 DESCRIPTION  
 W-20 SCALE: NONE

TRANSBAY JOINT POWERS AUTHORITY  
**Pelli Clarke Pelli Architects**  
**adamson**  
 PLANNERS INC.

Key Map																																																																																					
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<b>08-04-CMGC-000</b> <b>TRANSBAY TRANSIT CENTER PROGRAM</b> <b>TRANSBAY TRANSIT CENTER</b> <b>SAN FRANCISCO, CA</b> <b>GLASS BUILDING - CAFE (W-20)</b> <b>SYSTEM SHEET - ALTERNATE</b>																																																																																					
<table border="0" style="width: 100%;"> <tr> <td colspan="12">           PRINCIPAL ARCHITECT <b>G. METZGER</b> </td> <td colspan="2">           PROJECT MANAGER <b>S. ROTT</b> </td> </tr> <tr> <td colspan="12">           PROJECT MANAGER <b>E. DEL ANGEL</b> </td> <td colspan="2">           SERIES BY <b>W.R. BRADLEY</b> </td> </tr> <tr> <td colspan="12">           REVISION <b>L. PRIGODZHIN</b> </td> <td colspan="2">           DATE <b>03/31/2014</b> </td> </tr> <tr> <td colspan="12">           AS NOTED         </td> <td colspan="2">           SCALE <b>1/40</b> </td> </tr> <tr> <td colspan="12">           SHEET NUMBER         </td> <td colspan="2">           SHEET NUMBER         </td> </tr> </table>																PRINCIPAL ARCHITECT <b>G. METZGER</b>												PROJECT MANAGER <b>S. ROTT</b>		PROJECT MANAGER <b>E. DEL ANGEL</b>												SERIES BY <b>W.R. BRADLEY</b>		REVISION <b>L. PRIGODZHIN</b>												DATE <b>03/31/2014</b>		AS NOTED												SCALE <b>1/40</b>		SHEET NUMBER												SHEET NUMBER	
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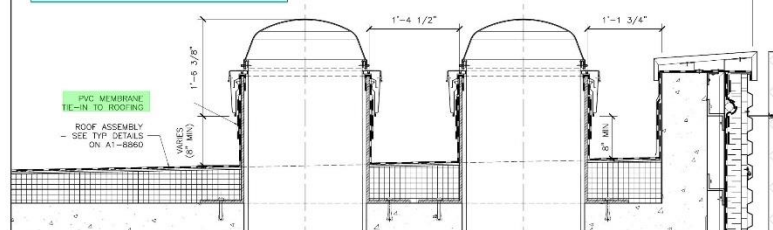


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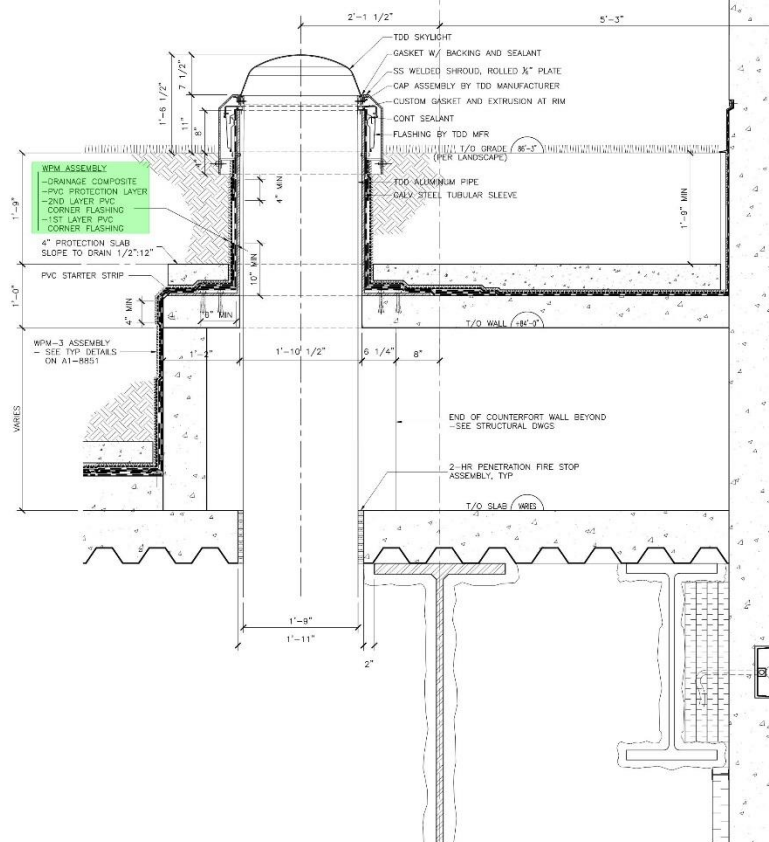
1 TDD SECTION DETAIL AT GL-30  
AL-8877 SCALE: 1-1/2" = 1'-0"

3'-4" 3'-6" 6"



2 TYPICAL TDD SECTION DETAIL AT ROOF  
#1-9877 SCALE: 1-1/2" = 1'-0"

1



3 TDD SECTION DETAIL AT GL-15  
41-8877 SCALE: 1-1/2" = 1'-0"

Work to be Priced as an Alternate by TG07.3

**Pelli Clarke Pelli Architects**  
**adamson**  
ASSOCIATES, INC.

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DATE	NAME	SCORE	REMARKS
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08-04-CMGC-000

TRANSBAY TRANSIT CENTER PROGRAM  
TRANSBAY TRANSIT CENTER  
SAN FRANCISCO, CA

TUBULAR DAYLIGHTING DEVICES  
DETAILS



APPROVED:		G. METZGER	
PRINCIPAL ARCHITECT			
APPROVED:		S. ROTUNDO	
PROJECT MANAGER			
APPROVED:		E. DEL ANGELO	
PROJECT MANAGER			
DESIGNED BY:	E. DEL ANGELO	CHECKED BY:	W.R. BRADLEY
DRAWN BY:	A. RYBICKI	DATE:	03/31/2014
SCALE:	1'-1/2" = 1'-0"	NO. OF SHEETS:	140
SHEET NO.:	1	SHEET TOTAL:	0
SHEET NAME:		SHEET NO.:	

A1-8877 of









Transbay Transit Center

# Transbay Transit Center

## TG13.2 Roofing/Waterproofing

**Questions?**





Transbay Transit Center

# Transbay Transit Center

## TG13.2 Roofing/Waterproofing

### IFB Package Timeline

Bid Package Issued:	August 27, 2014
Pre-Bid Conference:	September 18, 2014 (2:00 P.M.)
Qualifications Due (for non-qualified):	September 18, 2014 (2:00 P.M.)
Notification of Qualification (for non-prequalified):	October 1, 2014
Questions/Clarifications (QBD) Due:	October 28, 2014 (2:00 P.M.)
Pre-Bid Request for Substitution Due:	October 28, 2014 (2:00 P.M.)
Value Engineering (VE) Proposals Due:	November 4, 2014 (2:00 P.M.)
VE Proposals Review:	November 5, 2014 – November 18, 2014
Bid Package Due:	November 18, 2014 (2:00 P.M.)
Public Bid Opening:	November 18, 2014 (2:00 P.M.)
Protest Period:	November 18, 2014 (2:00 P.M.) – November 25, 2014 (2:00 P.M.)
Notification of Intention to Award Contract	December 2014
TJPA Board Vote to Approve the Contract Award:	December 11, 2014



Transbay Transit Center

# Transbay Transit Center

## TG13.2 Roofing/Waterproofing

### Obtaining Contract Documents

- TJPA Website
  - List of all Exhibits
  - Non Disclosure Agreement (NDA)
- Plan Room (ARC)
  - Non-SSI
  - SSI
- Box.com
  - SSI (Managed by TJPA)
  - Supplemental Documents (Managed by Webcor-Obayashi Joint Venture)





Transbay Transit Center

# Transbay Transit Center

## TG13.2 Roofing/Waterproofing

### Request for Information P1-0001 to P1-0431

Pay close attention  
to the following RFIs:

P1-0064	Continuous Seal at Interior Side of Exterior Concrete Wall
P1-0078	Flood Coat of Asphalt
P1-0083	PVC Roofing Substrate Requirement
P1-0088	CMU Support Wall at Seismic Joint
P1-0083.1	Additional Review of PVC Substrate Requirement
P1-0089	WPM-6
P1-0090	Waterproofing soffit
P1-0091	Plywood Installed with Soil
P1-0091.1	Specification for Plywood Installed with Soil per Detail 2/L1-9665
P1-0108	Waterproofing System Spec
P1-0108.1	Product/Manufacturer Substitution for PVC Roofing
P1-0109	Dampproofing spec
P1-0109.1	Product/Manufacturer Substitution for Site Dampproofing
P1-0116	Perm-A-Barrier VPS Contractors
P1-0116.1	Product/Manufacturer Substitution for Self-Adhered Sheet Waterproofing
P1-0117	Waterproofing Systems
P1-0117.1	Product/Manufacturer for PVC Waterproofing
P1-0118	Thermoplastic Water Tank Liner Manufacturer
P1-0118.1	Product/Manufacturer for Thermoplastic Water Tank Liners
P1-0126.1	Fall Arrest Stanchions.
P1-0135	Below Grade Waterproofing
P1-0136	Roofing Spec

# Transbay Transit Center

## TG13.2 Roofing/Waterproofing

### Request for Information P1-0001 to P1-0431

Pay close attention  
to the following RFIs:

P1-0137	Waterproofing Membrane Curing time
P1-0138	Unfinished work watertight spec
P1-0139	Unfinished work watertight spec
P1-0139.1	Direction For Revision of Specification Section 07 54 19 1.9 A 5
P1-0140	Floor Coating Temperature Spec
P1-0141	Coating Requirements
P1-0161	Topping slab at bus deck
P1-0200	PVC Detail
P1-0299	Waterproofing at Escalator Closure per Detail 3/A1-7552
P1-0338	Roof Park Building Protection Slab and Waterproofing Details
P1-0340	Waterproofing Membrane for Roof Park Level per Alternate No. 27
P1-0341	Manhole Access Openings in Future Café PK560
P1-0362	Waterproofing at Concrete Bus Crash Rail
P1-0364	One Story Building Reference Per Specification Section 07 54 19 1.1 A 2
P1-0368	Dampproofing Requirements at Trench and Slot Drain Channels
P1-0369	Waterproofing at Walk-Off Mat per Detail 6/A1-9307
P1-0370	Protection Board and Waterproofing Membrane Details at Public Restroom
P1-0371	WPM-5 Crystalline Waterproofing at Escalator Pit per Detail 4/A1-7550
P1-0372	WPM -2 Call Out at Muni Bus Plaza
P1-0373	Concrete Paving Specification Clarification
P1-0374	Details for Site Fluid-Applied Waterproofing (WPM-4)
P1-0377	WPM-5 Crystalline Waterproofing at Escalator Pit per Detail 4/A1-7552
P1-0378	WPM-9 Call Outs at Elevator Pits
P1-0380	WPM-5 Crystalline Waterproofing at Lower Concourse Level Telecom Service Vault
P1-0386	WPM-5 Called out in Detail 6/A1-7554 at Second Level W-2 Escalator Pit
P1-0418	Revision of Corrosion Engineer Requirement Anywhere Stated





Transbay Transit Center

# Transbay Transit Center

## TG13.2 Roofing/Waterproofing

### Redline Markups

The redline marked up drawings and narratives included with the ASI documents are designed to relay specific scopes of work that are modified to reflect scope changes. Redline markups in ASI drawings are only to be used to indicate scope modifications. These scope modifications are to be applied to the current set of drawings and specifications.



Transbay Transit Center

# Transbay Transit Center

## TG13.2 Roofing/Waterproofing

### Pre-Bid Substitution Request

#### 00 04 41 – PRE-BID REQUEST FOR SUBSTITUTION

During the bidding period, a proposed change by a bidder of a product, equipment, or service required by the Contract Documents is considered a pre-bid request for substitution. A pre-bid request for substitution will be considered as part of the questions on bid documents (QBD) process. Refer to the CM/GC's Bid Manual for QBD instructions and forms.

During the bidding period and prior to the deadline for the submission of QBDs, Bidders may submit a request for a substitution of an "or equal" product, equipment, or service specified in the Contract Documents by completing and submitting this form as an attachment to a QBD, in accordance with the QBD process. The TJPA will respond in writing to a pre-bid request for substitution in accordance with the QBD process and deadlines specified in the bidding documents.

Pre-bid requests for substitution requested during the bidding period and accepted by Addendum prior to opening of bids are included in the Contract Documents.

Spec. Section: \_\_\_\_\_ Date: \_\_\_\_\_  
Drawing Sheet: \_\_\_\_\_ Paragraph(s): \_\_\_\_\_  
Detail(s): \_\_\_\_\_

Proposed Substitution: \_\_\_\_\_  
Manufacturer/Address/Phone: \_\_\_\_\_  
Trade Name/Model No.: \_\_\_\_\_

Product History: ☐ New ☐ 2-5 years old ☐ 5-10 years old ☐ More than 10 years old

Differences between proposed substitution and specified product (attach required point-by-point comparative data):

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Reason for not providing specified item:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Similar installation where proposed substitution has been used (Project/Address/Architect/Owner/Date Installed):

\_\_\_\_\_  
\_\_\_\_\_

Proposed substitution affects other parts of the Work: ☐ No ☐ Yes: explain

\_\_\_\_\_  
\_\_\_\_\_

Changes or modifications needed to coordinate other parts of the Work that will be necessary to accommodate the proposed substitution:





Transbay Transit Center

# Transbay Transit Center

## TG13.2 Roofing/Waterproofing

### QBD & VE Process

#### B. Questions On Bid Documents (QBD)

Project: Transbay Transit Center

(WEBCOR/OBAYASHI JOINT VENTURE USE)

QBD No.: \_\_\_\_\_

Received: \_\_\_\_\_

TJPA to: \_\_\_\_\_ Date: \_\_\_\_\_

Consultant to TJPA: \_\_\_\_\_

Addendum Required? Yes: \_\_\_\_\_ No: \_\_\_\_\_

To Bidders Yes: \_\_\_\_\_ No: \_\_\_\_\_

Contract

No.: \_\_\_\_\_

To: Webcor/Obayashi Joint Venture

(See Exhibit A For Contact Information)

From: \_\_\_\_\_ Date: \_\_\_\_\_

Firm: \_\_\_\_\_ Telephone: \_\_\_\_\_

Fax: \_\_\_\_\_

Specification Section: \_\_\_\_\_ Paragraph(s): \_\_\_\_\_

Drawing Sheet: \_\_\_\_\_ Detail(s): \_\_\_\_\_

Question: \_\_\_\_\_

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☐ Mark this circle if the QBD can be answered by Bidder's review of the documents. Reply with location(s) where the information can be obtained.

Reply:

\_\_\_\_\_

By: \_\_\_\_\_ Firm: \_\_\_\_\_ Date: \_\_\_\_\_

The reply is an answer to a Bidder's question. The reply does not change the Bid Documents unless the information contained therein is issued in an Addendum. At the sole discretion of Webcor/Obayashi Joint Venture, the question and reply may be returned to the questioner and distributed to those on the Plan Holders List for informational purposes.

END OF QBD

#### SECTION 00 04 20 – VALUE ENGINEERING PROPOSALS

##### PART 1 – GENERAL

##### 1.1 SUMMARY

- A. Bidders are encouraged to submit Value Engineering proposals in conjunction with their Bids (a "Pre-bid VE proposal"). Following award of a Trade Work Package subcontract ("Subcontract"), Trade Subcontractors are encouraged to submit Value Engineering proposals during the performance of the Work (a "Post-contract-award VE proposal"). This section addresses both Pre-Bid and Post-contract-award VE proposal (collectively referred to as a "VE proposal") requirements and procedures.

##### 1.2 DEFINITION

- A. "Value Engineering" or "VE" as used in this section is a tool whereby Bidders or Trade Subcontractors use their expertise to develop, prepare, and submit proposals to optimize value during the performance of the Work.
- B. "Bidder" or "Bidders" as used in this section shall mean potential Trade Subcontractors that submit a bid directly to the CM/GC. A lower tier subcontractor or a material supplier to a potential Trade Subcontractor is not a Bidder for purposes of this section and cannot submit Pre-bid VE proposals directly to the CM/GC.
- C. "Trade Subcontractor" or "Trade Subcontractors" as used in this section shall mean the entity that has been awarded a Trade Work Package and executed a Subcontract with the CM/GC for the Trade Work Package.

##### 1.3 REQUIREMENTS

- A. VE proposals must include:
1. A VE technical proposal:
    - a. A detailed description of the VE work to be performed, including the means and methods of performance.
    - b. A description of other work that may be affected by the VE work.
    - c. A description of proposed changes, if any, to the Contract Documents and a listing of those Contract Documents as a result of the VE work.
    - d. A description of known or anticipated impacts to LEED certification as a result of the VE work.
  2. A VE cost proposal:
    - a. Any known or anticipated schedule impacts stated in plus or minus working days.
    - b. The costs savings stated as a specific dollar amount.
    - c. A description of bid items affected and resulting quantity changes, if any.
  3. Name and address of projects on which a similar VE proposal has been used and the date the proposal was implemented.
- B. If a VE proposal calls for changes in material, a request for substitution must accompany the VE proposal. Refer to Section 01 16 30.



Transbay Transit Center

# Transbay Transit Center

## TG13.2 Roofing/Waterproofing

### Webcor and Subguard Prequalification Process

#### Step 1:

Email:

Mary Hobbs, Estimating [mhobbs@Webcor.com](mailto:mhobbs@Webcor.com)

Tim Lutz, CFO [Tim@Webcor.com](mailto:Tim@Webcor.com)

Subject line: Transbay TG13.2

- Full name of Contact
- Title of Contact
- E-mail of Contact
- Full legal company name
- Mailing address
- Phone number
- Fax number
- Contractor's license number
- Federal I.D. No
- Scope of work
- Financials over last 2 years (audited or review)

Email or Mail

Tim Lutz, CFO

175 Harbor Bay Parkway, Suite 200

Alameda, CA 94502

#### Step 2:

- Mary Hobbs will send you an email with a link to the Webcor Builders prequalification system
- Click the link and upload the required information
- Once you are finished click the submit button

#### Step 3:

- Financials and Qualifications will be evaluated by WOJV





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# Transbay Transit Center

## TG13.2 Roofing/Waterproofing

Questions?



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# Transbay Transit Center

## TG13.2 Roofing/Waterproofing

### SBE Program Overview/Participation Goal







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TG13.2 Roofing/Waterproofing

## SBE PROGRAM OVERVIEW

### Certification & Certifying Agencies



**DBE**



**SBE**



**LBE**



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# Transbay Transit Center

## TG13.2 Roofing/Waterproofing

### Veteran Business & Workforce Participation







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# Transbay Transit Center

## TG13.2 Roofing/Waterproofing

**Overall SBE Project Participation Goal: 17%**

- 143 SBEs to date

17%





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# Transbay Transit Center

## TG13.2 Roofing/Waterproofing

### Participation Goal

**10% SBE Participation Goal for this Package**

**Focus on “Trade Package Specific Information”**

- Certifications: SBE/DBE/LBE
- Certification: Assistance Provided By Program
- Compliance: Commercially Useful Function Guidelines



Transbay Transit Center

# Transbay Transit Center

## TG13.2 Roofing/Waterproofing

### E. Subcontractor List (SL) – Project Bidding Manual

#### E. Subcontractor List (SL)

*Bidder shall provide the requested information for each subcontractor who shall perform work in excess of 1/2 of 1% of the Grand Total Bid Price. If this project involves the construction of streets, highways, or bridges, Bidder shall provide the information for each subcontractor who shall perform in excess of 1/2 of 1% of the Grand Total Bid Price or \$10,000, whichever is greater.*

*Under San Francisco Administrative Code section 6.21A(9) and California Public Contract Code section 4104, failure to provide at a minimum the name, location of the place of business, and the portion of work to be performed by each such subcontractor may render the bid nonresponsive or the Bidder unqualified to perform the work under this Contract. Bidders may provide license numbers or additional identifying information within 24 hours of the time bids are received. Where Webcor/Obayashi Joint Venture cannot identify a subcontractor with the information provided by a Bidder or where conflicting information is provided, Webcor/Obayashi Joint Venture may consider the subcontractor unlisted for purposes of Public Contract Code section 4106.*

*Bidder shall also list all SBE subcontractors and suppliers, including the respective subcontract dollar amounts for each, on the Bidders/Proposers Information Form in order to receive participation credit toward the SBE participation goal. Failure to include this information with the Bid may result in a determination that the Bidder has not met the SBE participation goal and its bid is therefore nonresponsive.*

Subcontractor Name:

Address:

Portion of Work:

Amount of Subcontract:

Contractor's License No.:

San Francisco Business Tax Registration No.:





## TG13.2 Roofing/Waterproofing

# Bidder/Proposer Information Request From 00 08 21/AT3-B

**TRANSBAY JOINT POWERS AUTHORITY  
BIDDERS/PROPOSERS INFORMATION REQUEST FORM  
SECTION 00 08 21/AT3-B**

*To be completed by Prime Contractor and submitted as part of bid/proposal.*

[illegible]



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## TG13.2 Roofing/Waterproofing

**Remember to sign all forms!!**

**Questions?**

**Thank You!**