

**Addendum No. 3, IFB 20-58**



**CITY OF SOMERVILLE, MASSACHUSETTS**  
**Department of Purchasing**  
**JOSEPH A. CURTATONE**  
**MAYOR**

To: Prospective Bidders IFB 20-58, Parking Repairs and Waterproofing – Buena Vista Garage

From: Angela M. Allen, Director of Purchasing

Date: March 10, 2020

**Re:** Responses to Questions from Prospective Applicants; Corrections of Mathematical Errors on Two Filed Sub-bids

**Addendum No. 3 to IFB 20-58**

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The City is issuing this addendum to address the questions received by prospective applicants. Refer to the following table.

Two of the Filed Sub-bids (one for Division 7 and one for Division 22) contained mathematical errors that were clearly evident on the face of those bids. Pursuant to the General Terms (Section 1.6) of IFB 20-58, “If a mistake and the intended bid are clearly evident on the face of the bid document, the mistake will be corrected to reflect the intended correct bid, and the proposer will be notified in writing; the proposer may not withdraw the bid.” The bids in question and the corresponding bid tabulations have been corrected and are appended to this addendum.

**\*\*ACKNOWLEDGE THIS ADDENDUM\*\***

**Please sign below and include this form in your application package.**

X

\_\_\_\_\_  
Name of Authorized Signatory  
Title of Authorized Signatory

## Addendum No. 3, IFB 20-58

### Answers to Questions from Prospective Bidders

| Item Number | Question   | Answer   |
|-------------|--|--|
| 1           | Can the General Contractor bid date be extended?   | Yes, the general bid due date has been extended to March 13, 2020 at 11:00 AM.   |
| 2           | At the Pre-Bid, it was observed there is existing shoring under two inverted-tee beams, which were installed by one of the bidders for this project. Should the shoring towers need to be replaced by that of the newly contracted GC, then the circumstance provides the shoring contractor (current bidder as well) an unreasonable advantage in time and material costs on shoring installation and shoring design-engineering costs. Is there a way to address this to make it a level field for everyone? | After consulting the Mass AG's office, it was determined that if the contract for rental of the temporary shoring equipment placed during the previous emergency work remains under that separate contract and is removed under that contract when it is no longer needed, there is no unreasonable advantage to any of the bidders, even if the contractor that performed the emergency work submits a bid. Attached, submitted as part of this addendum, are the documents used for the emergency work for reference. Additional shoring required to complete new work will be part of this contract resulting from IFB 20-58. |
| 3           | Regarding Detail 1/S-400, is the elevation view depicting 18.5 kips per post or per assembly unit?   | The 18.5 kips service load is per assembly (both posts as shown in the elevation view).  |
| 4           | Based on the plan drawing S-102 and the shoring detail S-400, are the shoring layouts designed to withstand both ST and IT repairs where they may occur in the same location?  | Yes, the shoring is schematically designed to support the structure in both repair instances. It is the responsibility of the contractor to evaluate the need for, designing, and providing additional shoring as required to safely support the existing structure.   |
| 5           | The specifications specify all epoxy coated WWF. The drawings do not explicitly say epoxy coated. Please confirm all new reinforcement called out in the concrete details shall be epoxy coated.   | Yes, all WWF shall be epoxy coated as specified in the specification.  |
| 6           | Is there a detail associated with bid item 20 (Crossover topping at inverted-tee beam)?  | The crossover topping at the inverted-tee beams shall be repaired in accordance with Details 9, 12/S-302 and 15/S-303.   |
| 7           | Regarding Detail 18/S-303, please clarify how the 10 lf of repair is measured. Is it 10 lf across the bottom?  | The 10 lf of repair quantity is measured along the height (vertical dimension) at the back of the double-tee stem. The depth of the repair shall extend at a minimum 3/4" behind the existing reinforcement.   |
| 8           | Is Detail 21/S-303 – Type 2 a complete repair around the entire perimeter in all repair locations?   | No, it is not necessarily. Please see S-100 for the approximate extents of the repairs at the concrete column encasements.   |
| 9           | Regarding Detail 24/S-303, please confirm if there is only one (1) L6x4x3/8x6" mounted to each tee stem, or if there are (2) angles mounted to each tee stem on either side of the C8x11.5 channel.  | Yes, there is only (1) angle mounted to the double-tee beam stem at each end of the channel.   |
| 10          | Does the existing subframing within the garage need to be removed to perform the repairs?  | The existing channels at the subframes need to be removed to perform the required repairs. In addition, the existing welds between the double-tee beam flanges need to be broken to perform the repairs. The existing angles may remain. The channels shall be reinstalled once the repairs are completed. The connections at the double-tee beam flanges will be rewelded once the repairs are completed as well. These associated costs will be included as part of the concrete repair costs. See the attached drawing S-101 with revised note for additional information.  |

**Addendum No. 3, IFB 20-58**

| <b>Item Number</b> | <b>Question</b>  | <b>Answer</b>                            |
|--------------------|--|--|
| 11                 | Regarding Detail 6/C-300, what is the size/with of the 4' deep footing? Is it (2) 18" dia. footing for the (2) new bollards? | Yes, it is the footing for the bollards. |

Somerville IFB 20-58 Parking Repairs and Waterproofing - Buena Vista Garage  
 FILED SUB BIDS - Opened 3/5/2020 at 2:00 p.m.

| <b><u>DIVISION 7 - THERMAL &amp; MOISTURE PROTECTION (corrected)</u></b> |                 |                |              |  |
|--|-----------------|----------------|--------------|--|
| Bidder Name  | Base Bid Amount | Alternates N/A | Total        | General Bidder Restrictions/Exclusions |
| TWC  | \$302,800.00    |                | \$302,800.00 | None                                   |
| Contracting Specialists, Inc.  | \$206,471.00    |                | \$206,471.00 | Restricted to Self                     |
| P.J. Spillane Co., Inc.  | \$230,000.00    |                | \$230,000.00 | Restricted to Self                     |
| Structural Preservation Systems, LLC                                     | \$224,015.00    |                | \$224,015.00 | None                                   |
| Heritage Restoration, LLC  | \$138,651.00    |                | \$138,651.00 | Restricted to Self                     |
| ACME Waterproofing Company, Inc.   | \$237,714.00    |                | \$237,714.00 | Restricted to Self                     |
| Chapman Waterproofing Company  | \$267,890.00    |                | \$267,890.00 | None                                   |
| Commercial Masonry Corporation   | \$180,800.00    |                | \$180,800.00 | Restricted to Self                     |

Somerville IFB 20-58 Parking Repairs and Waterproofing - Buena Vista Garage  
FILED SUB BIDS - Opened 3/5/2020 at 2:00 p.m.

| <b>DIVISION 22 - PLUMBING (corrected)</b> |                        |                       |              |   |
|---|------------------------|-----------------------|--------------|---|
| <b>Bidder Name</b>                        | <b>Base Bid Amount</b> | <b>Alternates N/A</b> | <b>Total</b> | <b>General Bidder Restrictions/Exclusions</b> |
| Richman Corp.                             | \$116,400.00           |                       | \$116,400.00 | None  |
| Robert W. Irvine & Sons                   | \$71,068.00            |                       | \$71,068.00  | None  |
| Araujo Bros. Plumbing & Heating, Inc.     | \$96,000.00            |                       | \$96,000.00  | None  |

**FORM FOR FILED SUB-BID**  
**Division 7 – Thermal and Moisture Protection**  
**CITY OF SOMERVILLE**

IFB 20-58

**PARKING REPAIRS AND WATERPROOFING – BUENA VISTA PARKING GARAGE**  
**SOMERVILLE, MASSACHUSETTS**

**FORM FOR FILED SUB-BID - DUE: March 5, 2020 – 2:00 PM ET**

A. Pursuant to and in compliance with your Invitation to Bid relating thereto, the undersigned, ACME WATERPROOFING COMPANY, INC. having visited the site, familiarized himself with the conditions present, and carefully examined the Contract Documents, together with all Addenda issued and received prior to closing time for receipt of Bids as prepared by the Architect,

Simpson, Gumpertz & Heger, Inc.  
 800 Boylston Street, Suite 2320  
 Boston, MA 02199

hereby offers and agrees to provide all labor and materials required for construction of

**DIVISION 7 – Thermal and Moisture Protection**

Section 070001

Buena Vista Garage Repairs  
 Somerville, MA

to the satisfaction of the Owner and the Architect and in accordance with the accompanying Contract Documents with all addenda, for the Contract Price specified below, subject to additions and deductions according to the terms of the Contract Documents.

B. This Bid includes Addenda numbered ONE, DATED MARCH 3, 2020.

C. The proposed Contract Price is:

| Sub-Trade<br>Division / Name of Trade | Name of Sub-Bidder               | Base Bid Amount (Total from items from below) |
|---------------------------------------|----------------------------------|---|
| 7, WATERPROOFIND, DAMPROOFING         | ACME WATERPROOFING COMPANY, INC. | \$ <del>352,274.00</del> \$237,714            |

CAULKING

The proposed Contract Prices for each item are as follows (see Basis of Payment for additional information and requirements for each item):

| Description             | Specification or Drawing | Quantity | Unit Price | Bid Price          |
|-------------------------|--------------------------|----------|------------|--------------------|
| <b>Division 1</b>       |                          |          |            |                    |
| 1. Project Mobilization | Divisions 0 and 1        | 1 ls     | -          | \$ <u>6,700.00</u> |

| Description  | Specification or Drawing                            | Quantity | Unit Price       | Bid Price                                    |
|--|---|----------|------------------|--|
| 2. Project General Requirements  | Divisions 0 and 1                                   | 1 ls     | -                | \$ <u>3,500.00</u>                           |
| <b>Division 7</b>  |   |          |                  |  |
| 3. Hot-Applied Waterproofing – Remove and Replace the Waterproofing System and Expansion Joint at the Plaza Area | 071300<br>Details 1-3/WP-100, 1-6/WP-200,7-9/WP-201 | 1 ls     | -                | \$ <u>52,500.00</u>                          |
| 4. Vehicular-Traffic-Bearing Waterproofing – Install at Crossover at Inverted-Tee Beams                          | 071816<br>Details 1-5/S-500                         | 1 ls     | -                | \$ <u>22,360.00</u>                          |
| 5. Penetrating Sealer – Install at Upper Level   | 071900  | 1 ls     | -                | \$ <u>21,225.00</u>                          |
| 6. Joint Sealants – Remove and Replace between Double-Tee Beams at Upper Level                                   | 079200<br>Detail 6/S-500                            | 1 ls     | -                | \$ <u>38,424.00</u>                          |
| 7. Joint Sealants – Remove and Replace at Vertical Facade Joints   | 079200<br>Detail 7/S-500                            | 1 ls     | -                | \$ <u>17,930.00</u>                          |
| 8. Joint Sealants – Rout and Seal Cracks   | 079200<br>Detail 8/S-500                            | 4,500 lf | \$ <u>9.50</u>   | \$ <u>42,750.00</u>                          |
| 9. Joint Sealants – Rout and Seal Cracks at Column Encasements   | 079200<br>Detail 8/S-500                            | 20 lf    | \$ <u>70.00</u>  | \$ <u>1,400.00</u>                           |
| 10. Expansion Joints – Remove and Replace at Upper-Level Entrance  | 079500<br>Detail 9/S-500                            | 35 lf    | \$ <u>755.00</u> | \$ <u>26,425.00</u>                          |
| 11. Expansion Joints – Remove and Replace the Termination Bars   | 079500  | 100 lf   | \$ <u>45.00</u>  | \$ <u>4,500.00</u>                           |
| <b>TOTAL</b>   |   |          |                  | \$ <u><u>352,274.00</u></u> <b>\$237,714</b> |

Should certain additional work be required, or should the quantities of certain classes of work be increased or decreased from those required by the Contract Documents, by authorization of the City, unit prices listed on the attached "Unit Price Form" (and listed above) shall at the option of the City be the basis of payment to the Contractor or credit to the City, for such increase or decrease in the work. The unit prices shall represent the exact net amount per unit to be paid the Contractor (in the case of addition or increase) or to be refunded the City (in the case of decrease). The unit prices shall remain firm regardless of variations between the estimated and actual quantities. The quantities appearing in the schedules in the Contract Documents are approximate only and are prepared for the comparison of bids. Contractually noted adjustments will be allowed for overhead, profit, insurance or other direct or indirect expenses of the Contractor or Subcontractors.

D. The Basis for Payment is as follows:

1. Removal and replacement of waterproofing system at the plaza area over the double-tee beams shall be paid for at the Contract lump-sum price. Cost shall include all work associated with preparing substrate surface, install a new hot-applied fluid waterproofing system, installing a new topping slab, installing a providing new sealant joints where existing joints were removed, and installing a new expansion joint.
2. Installation of vehicular-traffic-bearing waterproofing at the crossover topping at the inverted-tee beams shall be paid for at the Contract

**FORM FOR FILED SUB-BID**

**Division 22 - Plumbing**

CITY OF SOMERVILLE

IFB 20-58

**PARKING REPAIRS AND WATERPROOFING – BUENA VISTA PARKING GARAGE  
SOMERVILLE, MASSACHUSETTS**

**FORM FOR FILED SUB-BID - DUE: March 5, 2020 – 2:00 PM ET**

A. Pursuant to and in compliance with your Invitation to Bid relating thereto, the undersigned, SCOTT RICHMAN having visited the site, familiarized himself with the conditions present, and carefully examined the Contract Documents, together with all Addenda issued and received prior to closing time for receipt of Bids as prepared by the Architect,

Simpson, Gumpertz & Heger, Inc.  
800 Boylston Street, Suite 2320  
Boston, MA 02199

hereby offers and agrees to provide all labor and materials required for construction of

**DIVISION 22 - Plumbing**

Section 220001  
Buena Vista Garage Repairs  
Somerville, MA

to the satisfaction of the Owner and the Architect and in accordance with the accompanying Contract Documents with all addenda, for the Contract Price specified below, subject to additions and deductions according to the terms of the Contract Documents.

B. This Bid includes Addenda numbered 1.

**One hundred sixteen thousand four hundred dollars**

C. The proposed Contract Price is: ~~ONE HUNDRED EIGHT THOUSAND NINE HUNDRED DOLLARS (\$108,900)~~

| Sub-Trade<br>Division / Name of Trade | Name of Sub-Bidder   | Base Bid Amount (Total from items below) |
|---------------------------------------|----------------------|--|
| <u>PLUMBING</u>                       | <u>RICHMAN CORP.</u> | \$ <del>108,900</del> <b>\$116,400</b>   |

The proposed Contract Prices for each item are as follows (see Basis of Payment for additional information and requirements for each item):

| Description             | Specification or Drawing | Quantity | Unit Price | Bid Price       |
|-------------------------|--------------------------|----------|------------|-----------------|
| <b>Division 1</b>       |                          |          |            |                 |
| 1. Project Mobilization | Divisions 0 and 1        | 1 ls     | -          | \$ <u>1,000</u> |

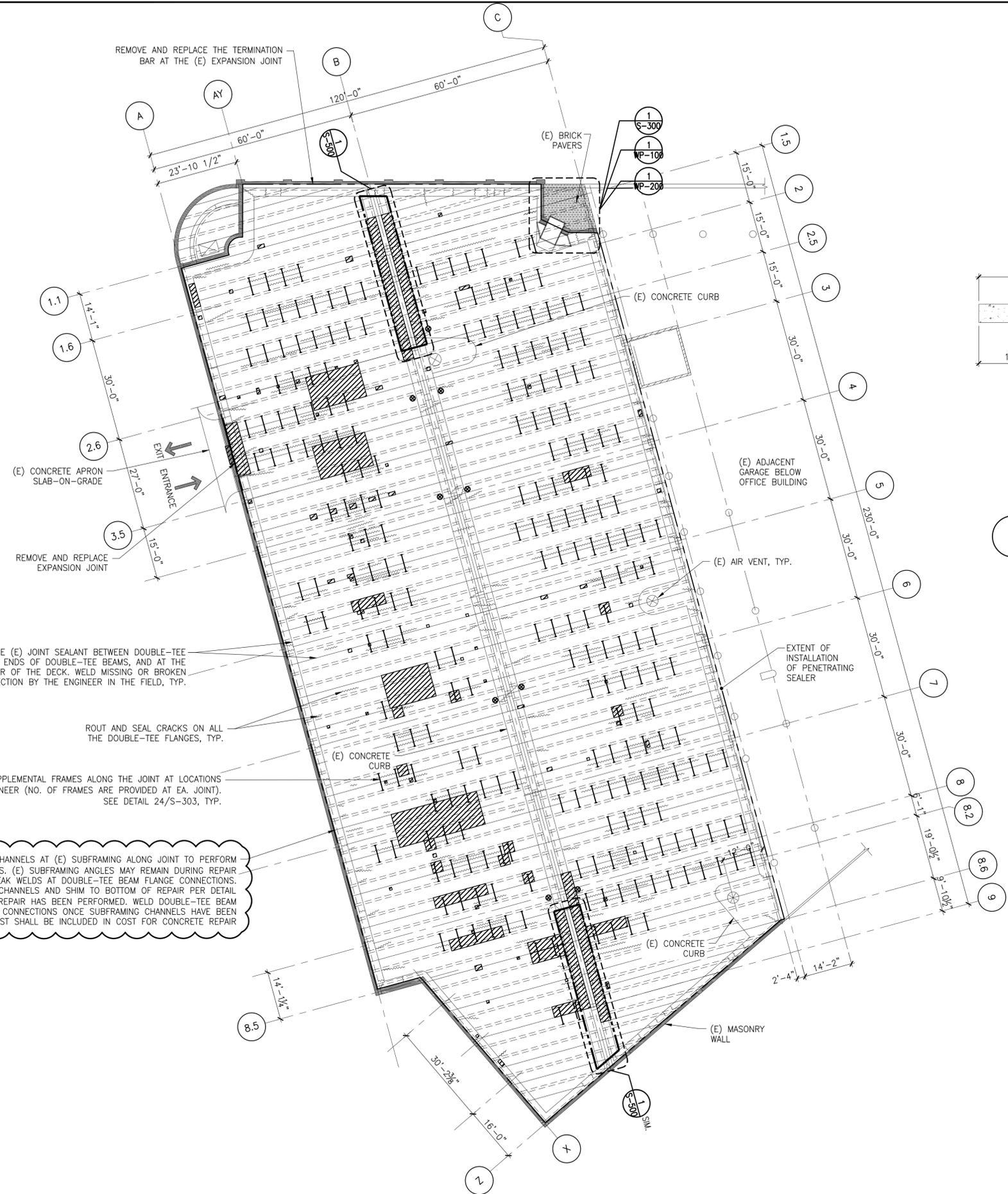
| Description  | Specification or Drawing  | Quantity  | Unit Price       | Bid Price                              |
|--|---------------------------|-----------|------------------|--|
| 2. Project General Requirements  | Divisions 0 and 1         | 1 ls      | -                | \$ <u>1,000</u>                        |
| <b>Division 22</b>   |                           |           |                  |  |
| 3. Plumbing – Remove and Replace the Existing Drains at the Upper Level        | 220001<br>Detail 25/S-304 | 9 ea      | \$ <u>4,000</u>  | \$ <u>36,000</u>                       |
| 4. Plumbing – Remove and Replace the Existing Trench Drains at the Lower Level | 220001<br>Detail 26/S-304 | 2 ea      | \$ <u>14,000</u> | \$ <u>28,000</u>                       |
| 5. Plumbing – Remove and Replace Drainage Piping                               | 220001                    | 80 lf     | \$ <u>90.00</u>  | \$ <u>7,200</u>                        |
| 6. Plumbing – Clean and Flush Plumbing System                                  | 220001                    | 1 ls      | -                | \$ <u>6,000</u>                        |
| 7. Plumbing – Snake out Rain Leaders and Storm Drainage System                 | 220001                    | Allowance | -                | \$ 7.500                               |
| 8. Plumbing – Remove and Replace Drain Grates and Sediment Baskets             | 220001                    | 8 ea      | \$ <u>400</u>    | \$ <u>3,200</u>                        |
| 9. Plumbing – Clean and Flush Oil/Gas Separator                                | 220001                    | 1 ls      | -                | \$ <u>5,500</u>                        |
| 10. Plumbing – Clean and Scope all Drains, Drainage Piping, and Manholes       | 220001                    | 1 ls      | -                | \$ <u>5,000</u>                        |
| 11. Plumbing – Install Backflow Preventers at the Interior of the Garage       | 220001<br>Detail 1/D-100  | 3 ea      | \$ <u>3,000</u>  | \$ <u>9,000</u>                        |
| 12. Plumbing – Install Backflow Preventers at the Exterior of the Garage       | 220001<br>Detail 1/D-100  | 2 ea      | \$ <u>3,500</u>  | \$ <u>7,000</u>                        |
| <b>TOTAL</b>   |                           |           |                  | \$ <del>108,900</del> <b>\$116,400</b> |

Should certain additional work be required, or should the quantities of certain classes of work be increased or decreased from those required by the Contract Documents, by authorization of the City, unit prices listed on the attached "Unit Price Form" (and listed above) shall at the option of the City be the basis of payment to the Contractor or credit to the City, for such increase or decrease in the work. The unit prices shall represent the exact net amount per unit to be paid the Contractor (in the case of addition or increase) or to be refunded the City (in the case of decrease). The unit prices shall remain firm regardless of variations between the estimated and actual quantities. The quantities appearing in the schedules in the Contract Documents are approximate only and are prepared for the comparison of bids. Contractually noted adjustments will be allowed for overhead, profit, insurance or other direct or indirect expenses of the Contractor or Subcontractors.

D. The Basis for Payment is as follows:

1. Measure removal and replacement of existing drains at the Upper Level in items, one drain being one item. Cost shall include drain, accessories, and connection to existing plumbing system.
2. Removal and replacement of the trench drain at the Lower Level shall be paid for at the Contract lump-sum price. Cost shall include drain, accessories, and connection to existing plumbing system.

i:\bos\projects\2019\190065.00-park\drawings\working\set\190065.00 - buena vista parking garage - 2019 repairs.dwg 9-Mar-20 7:06 PM by:benjamin b. rybaltowski



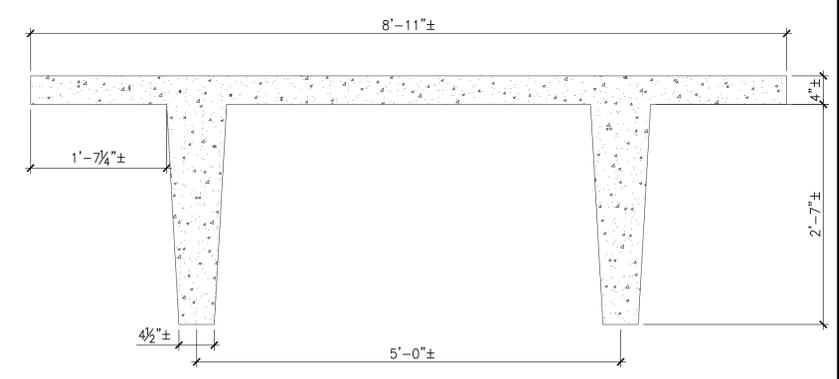
UPPER LEVEL - TOPSIDE REPAIR PLAN

1/16" = 1'-0"



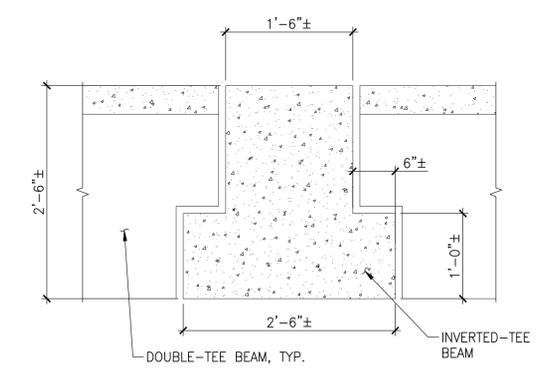
**NOTES:**

1. REFER TO THE TECHNICAL SPECIFICATIONS FOR THE DETAILED REQUIREMENTS FOR MATERIALS AND WORKMANSHIP.
2. THE CONTRACTOR SHALL FIELD-VERIFY ALL EXISTING CONDITIONS, INCLUDING THE CONFIGURATIONS OF ALL THE STRUCTURAL AND ARCHITECTURAL ELEMENTS AFFECTING THE WORK.
3. THE CONTRACTOR SHALL FIELD-VERIFY ALL ELEVATIONS AND DIMENSIONS BEFORE PROCEEDING WITH CONSTRUCTION.
4. THE DRAWINGS SHOW THE APPROXIMATE LOCATION AND EXTENT OF CONCRETE DETERIORATION REVEALED BY CONDITION ASSESSMENTS PERFORMED IN THE SUMMER OF 2017 ON AREAS AND ELEMENTS READILY VISIBLE OR NOT CONCEALED. THUS, THE DRAWINGS DO NOT SHOW ALL THE AREAS REQUIRING REPAIRS. THE CONTRACTOR IS RESPONSIBLE FOR VISUALLY INSPECTING AND SOUNDING ALL CONCRETE SURFACES TO DISCOVER AND REPAIR ALL AREAS OF DETERIORATED CONCRETE. THE ENGINEER WILL APPROVE ALL THE REPAIR LOCATIONS.
5. WHERE DEMOLITION RESULTS IN REPAIR GEOMETRIES THAT DIFFER FROM THOSE SHOWN IN THE DETAILS OF THE DRAWINGS, PROVIDE THE REPAIR GEOMETRY TO THE ENGINEER FOR REVIEW PRIOR TO COMPLETING THE REPAIR.
6. REFER TO PROPOSED PHASING PLANS ON PH-100.



1 TYPICAL DOUBLE-TEE BEAM PROFILE

1" = 1'-0"



2 TYPICAL INVERTED-TEE BEAM PROFILE

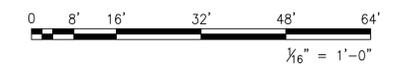
1" = 1'-0"

**LEGEND:**

- INDICATES APPROXIMATE LOCATION AND EXTENT OF CONCRETE REPAIR ON THE TOPSIDE OF THE DECK
- INDICATES APPROXIMATE LOCATION FOR INSTALLATION OF SUPPLEMENTAL STEEL FRAME
- INDICATES APPROXIMATE LOCATION OF EXISTING DRAIN TO BE REMOVED AND REPLACED (REFER TO PLUMBING DRAWINGS)
- INDICATES APPROXIMATE LOCATION AND EXTENT OF TOPSIDE CRACK TO BE ROUTED AND SEALED

**REPAIR DETAIL**

- 6-7,9-13/S-302
- 24/S-303
- 25/S-304
- 8/S-500



**SIMPSON GUMPERTZ & HEGER**  
Engineering of Structures and Building Enclosures

Simpson Gumpertz & Heger Inc.  
800 Boylston Street, Suite 2320  
Boston, Massachusetts 02199  
New York  
San Francisco  
Washington, DC

Boston  
Chicago  
Houston  
Los Angeles  
New York  
San Francisco  
Washington, DC

|            |  |  |  |
|------------|--|--|--|
| Consultant |  |  |  |
|------------|--|--|--|

| No. | Date    | Description    | By  |
|-----|---------|----------------|-----|
| 3   | 3/10/20 | Addendum No. 3 | BBR |
| 2   | 3/9/20  | Addendum No. 2 | BBR |
| 1   | 3/3/20  | Addendum No. 1 | BBR |

**BUENA VISTA PARKING GARAGE**

**2020 PARKING GARAGE REPAIRS AND WATERPROOFING**

**52 Holland Street**  
**Somerville, MA**

Project

**UPPER LEVEL TOPSIDE REPAIR PLAN**

Drawing Title

|                          |                 |                   |
|--------------------------|-----------------|-------------------|
| Project No.<br>190065.00 | Checked<br>JGT  | Date<br>3/10/2020 |
| Drawn<br>BBR             | Approved<br>SAC | Scale<br>AS NOTED |

Drawing No.

**S-101**

Seal

BID SET







Consultant

BID SET

| No. | Date | Description | By |
|-----|------|-------------|----|
|     |      |             |    |
|     |      |             |    |
|     |      |             |    |
|     |      |             |    |
|     |      |             |    |

**BUENA VISTA  
PARKING GARAGE**

**2019 TEMPORARY  
STABILIZATION**

**52 Holland Street  
Somerville, MA**

Project

**CONCRETE REPAIR  
DETAILS**

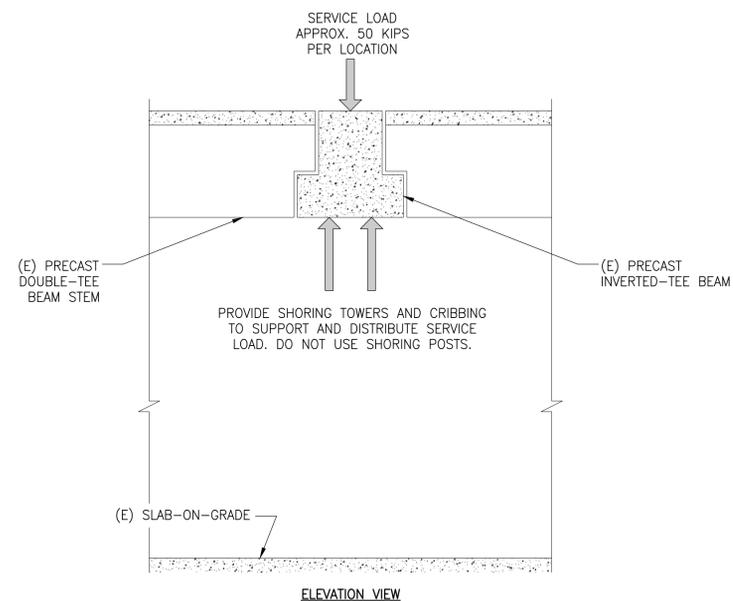
Drawing Title

|                          |                 |                   |
|--------------------------|-----------------|-------------------|
| Project No.<br>190065.00 | Checked<br>JGT  | Date<br>10/8/2019 |
| Drawn<br>BBR             | Approved<br>SAC | Scale<br>AS NOTED |

Drawing No.

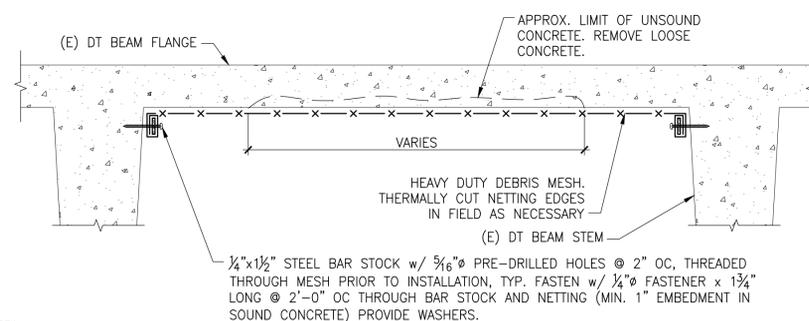
**S-200**

Seal



**1 SCHEMATIC SHORING**

1/2" = 1'-0"

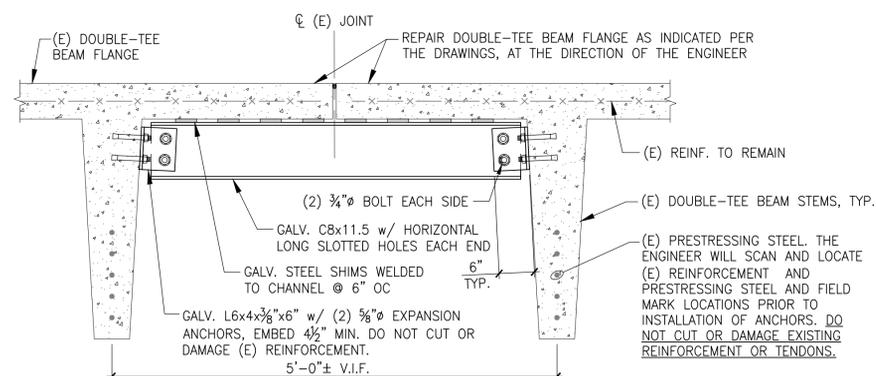


NOTES:

- INSTALL BAR STOCK ON ALL FOUR SIDES OF CONCRETE AREA TO BE NETTED.
- USE MULTIPLE LENGTHS OF BAR STOCK AS REQUIRED TO LINE THE PERIMETER OF THE CONCRETE AREA TO BE NETTED.

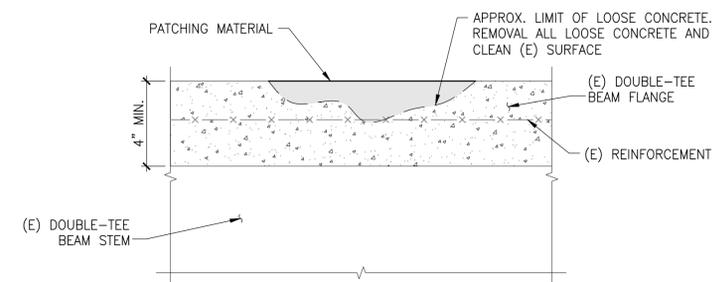
**4 NETTING INSTALLATION AT DOUBLE-TEE BEAM FLANGE UNDERSIDE**

1 1/2" = 1'-0"



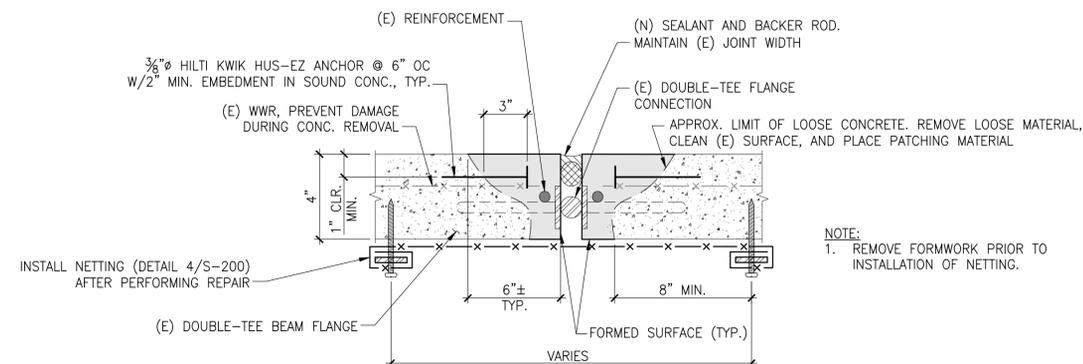
**6 STEEL SUBFRAMING**

1" = 1'-0"



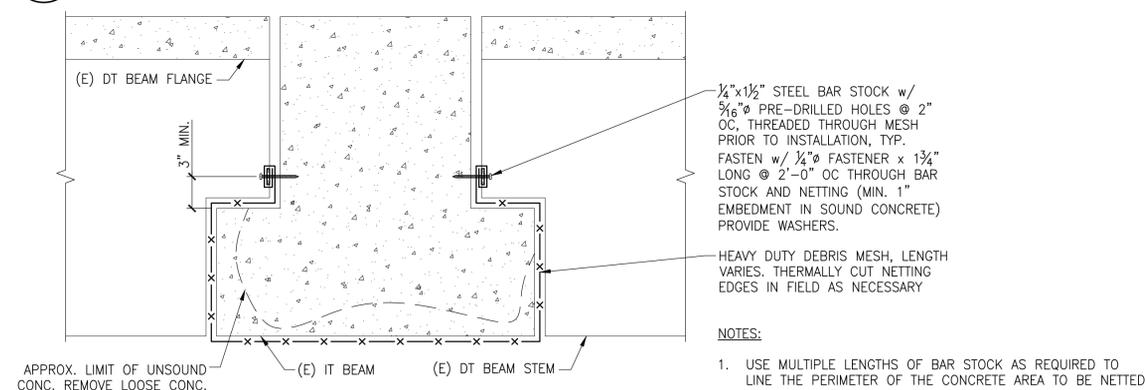
**2 PARTIAL-DEPTH PATCHING**

3" = 1'-0"



**3 FULL-DEPTH PATCHING**

3" = 1'-0"



**5 NETTING INSTALLATION AT INVERTED-TEE BEAM UNDERSIDE**

1 1/2" = 1'-0"