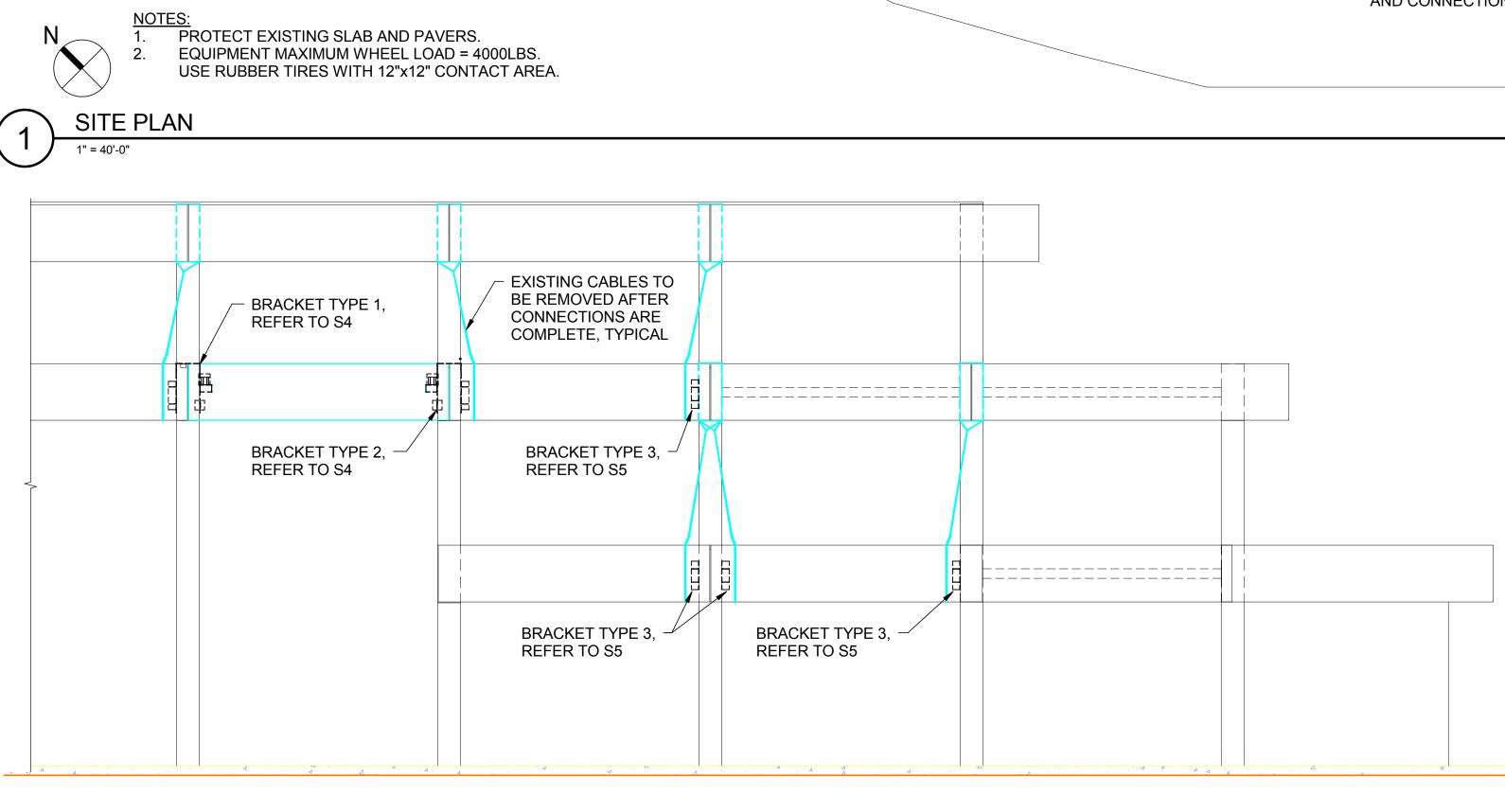
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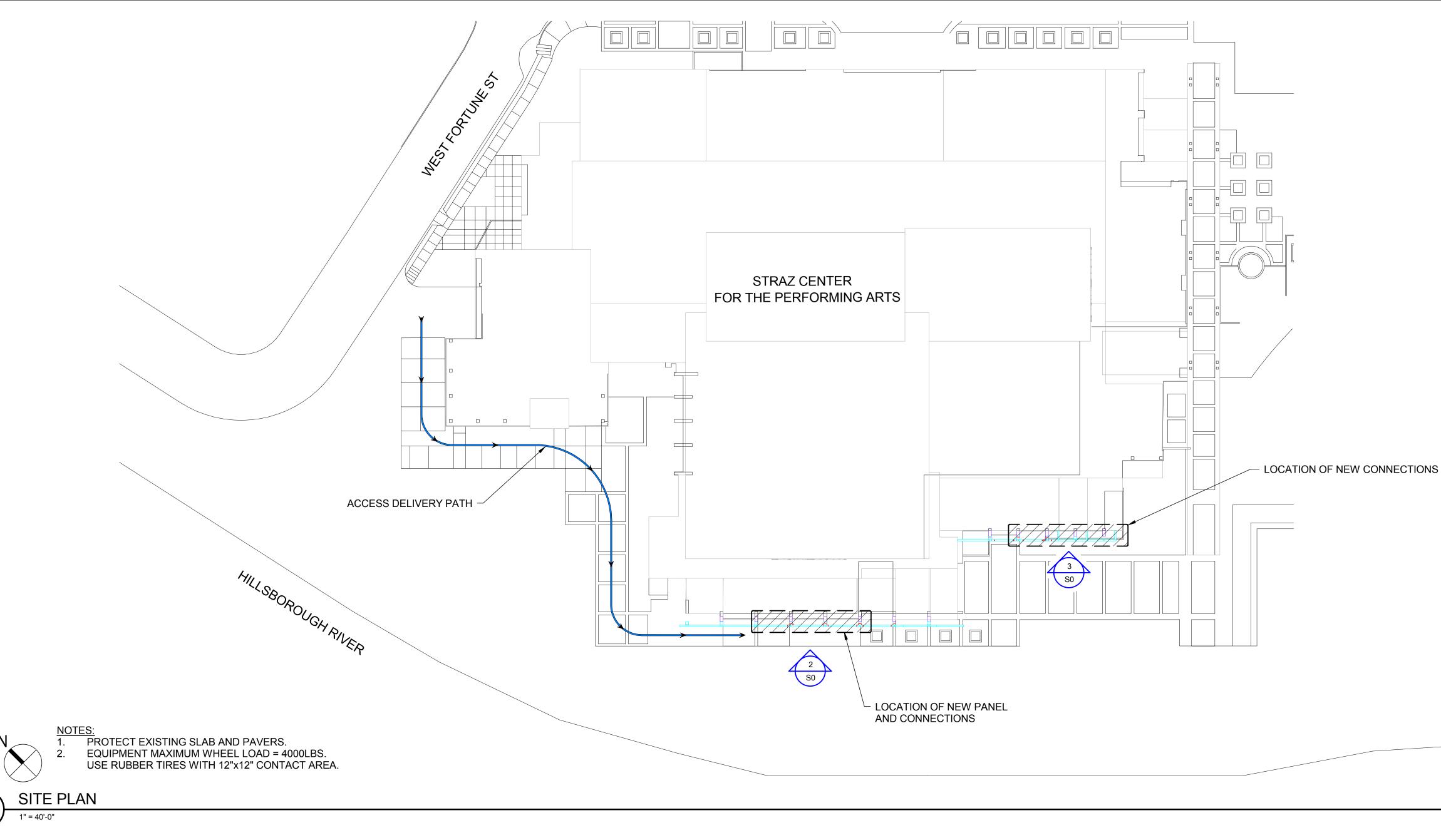
Please Email ALL Questions: <u>MailTo:ContractAdministration@TampaGov.net</u>

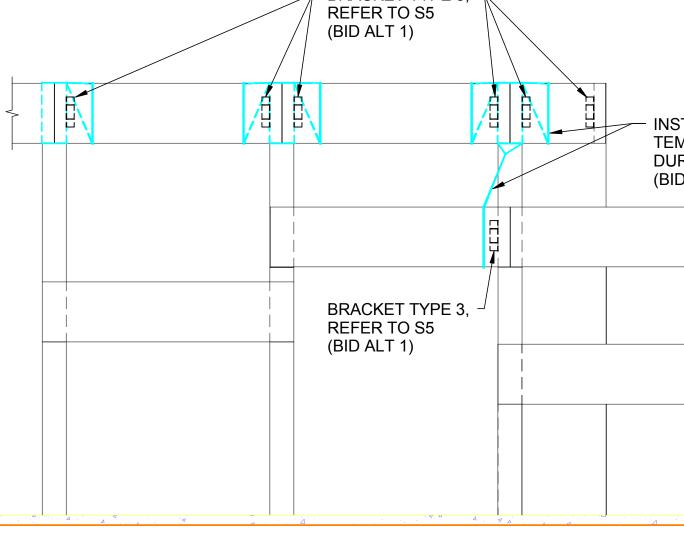
#### Please Let Us Know If You Plan To Bid

City of Tampa Contract Administration Department 306 E. Jackson St. #280A4N Tampa, FL 33602 (813)274-8456

2







BRACKET TYPE 3, 🥆

ENTRANCE AREA ELEVATION BID ALTERNATE 1

3

1/8" = 1'-0"

DAVID A. STRAZ, JR., CENTER PRECAST PANEL REPLACEMENT

1010 N. W.C. MacInnes Place Tampa, FL 33602

### Consultants / Discipline : WALTER P MOORE

WALTER P. MOORE AND ASSOCIATES, INC. 201 EAST KENNEDY BOULEVARD, SUITE 300 TAMPA, FLORIDA 33602.5823 PHONE: 813.221.2424 FAX: 813.221.2289 CERTIFICATE OF AUTHORIZATION NO. 3818

PROJECT NO.S05-13033-00

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Seal and Signature :

#### RICHARD J.A. TEMPLE, P.E. Professional Engineer No. 38364

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Drawing Title:

# SITE PLAN AND ELEVATIONS

Filename :

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#### - INSTALL 2 SETS OF 1/2"Ø GALVANIZED TEMPORARY CABLES TO SECURE PANELS DURING INSTALLATION OF CONNECTIONS

|  |  | <br> |  |  |  |
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(BID ALT 1)

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# GENERAL STRUCTURAL NOTES

### PART I - DESIGN CRITERIA

A. GENERAL BUILDING CODE

- 1. THE CONSTRUCTION DOCUMENTS ARE BASED ON THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2010.
- B. WIND LOADS

 WIND PRESSURES ON PANEL ARE BASED ON THE PROVISIONS OF THE FLORIDA BUILDING CODE WHICH REFER TO THE AMERICAN SOCIETY OF CIVIL ENGINEERS, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, ASCE 7-10 AND THE FOLLOWING CRITERIA:

 ULTIMATE DESIGN WIND SPEED (VULT): 143 MPH (3 SECOND GUST)
 NOMINAL DESIGN WIND SPEED (VASD): 111 MPH (3-SECOND GUST)
 BUILDING RISK CATEGORY: II
 WIND EXPOSURE CATEGORY: C

### PART II - REINFORCED CONCRETE

A. CONCRETE

| 28 DAY COMP. |          | MAX. |           |       |  |
|--------------|----------|------|-----------|-------|--|
| STRENGTH     | CONCRETE | SIZE | W/C RATIO | COVER |  |
| (PSI)        | TYPE     | AGG. |           |       |  |
| 5000         | NWT      | 1"   | 0.4       | 3/4"  |  |
|              |          |      |           |       |  |

B. REINFORCING STEEL

- 1. ALL REINFORCING STEEL SHALL BE ASTM A 615 GRADE 60.
- 2. HEADED STUD ANCHORS FOR EMBEDDED PLATES: AWS D1.1 TYPE A STUDS MANUFACTURED IN CONFORMANCE WITH SPECIFICATION ASTM A 29 WITH A MINIMUM YIELD STRENGTH OF 61,000 PSI.
- C. PRECAST PANEL CONCRETE AGGREGATE TO MATCH EXISTING FOR FULL THICKNESS OF PANEL. MEDIUM SANDBLAST FINISH TO MATCH EXISTING.

### PART III - STRUCTURAL STEEL

- A. MATERIAL
  - 1. HOT ROLLED STRUCTURAL MEMBERS: ALL HOT ROLLED STEEL PLATES, SHAPES, AND BARS SHALL BE NEW STEEL CONFORMING TO ASTM SPECIFICATION A6.
  - ASTM SPECIFICATION AND GRADE FOR STRUCTURAL STEEL SHALL BE AS FOLLOWS:
    a. RECTANGULAR HSS: ASTM A500, GRADE B.
    b. ANGLES, BENT PLATES, AND CONNECTION MATERIAL: ASTM A 36.
  - 3. ALL STEEL SHALL BE HOT-DIPPED GALVANIZED, WITH FIELD TOUCH-UP AT WELDING.
- B. WELDING
  - 1. ELECTRODES FOR WELDING SHALL CONFORM TO E70XX (SMAW), F7XX-EXXX (SAW), ER70S-X (GMAW), OR E7XT-X (FCAW).

### PART IV - SUBMITTALS

A. SUBMITTALS TO BE PROVIDED TO STRUCTURAL ENGINEER

- 1. PRECAST PANEL FABRICATION DRAWINGS
- STRUCTURAL STEEL FABRICATIONS DRAWINGS
   CONCRETE MIX DESIGNS
- 4. CONCRETE PATCHING MORTAR PRODUCTS

### PART V - MISCELLANEOUS

A. CONTRACT DOCUMENTS

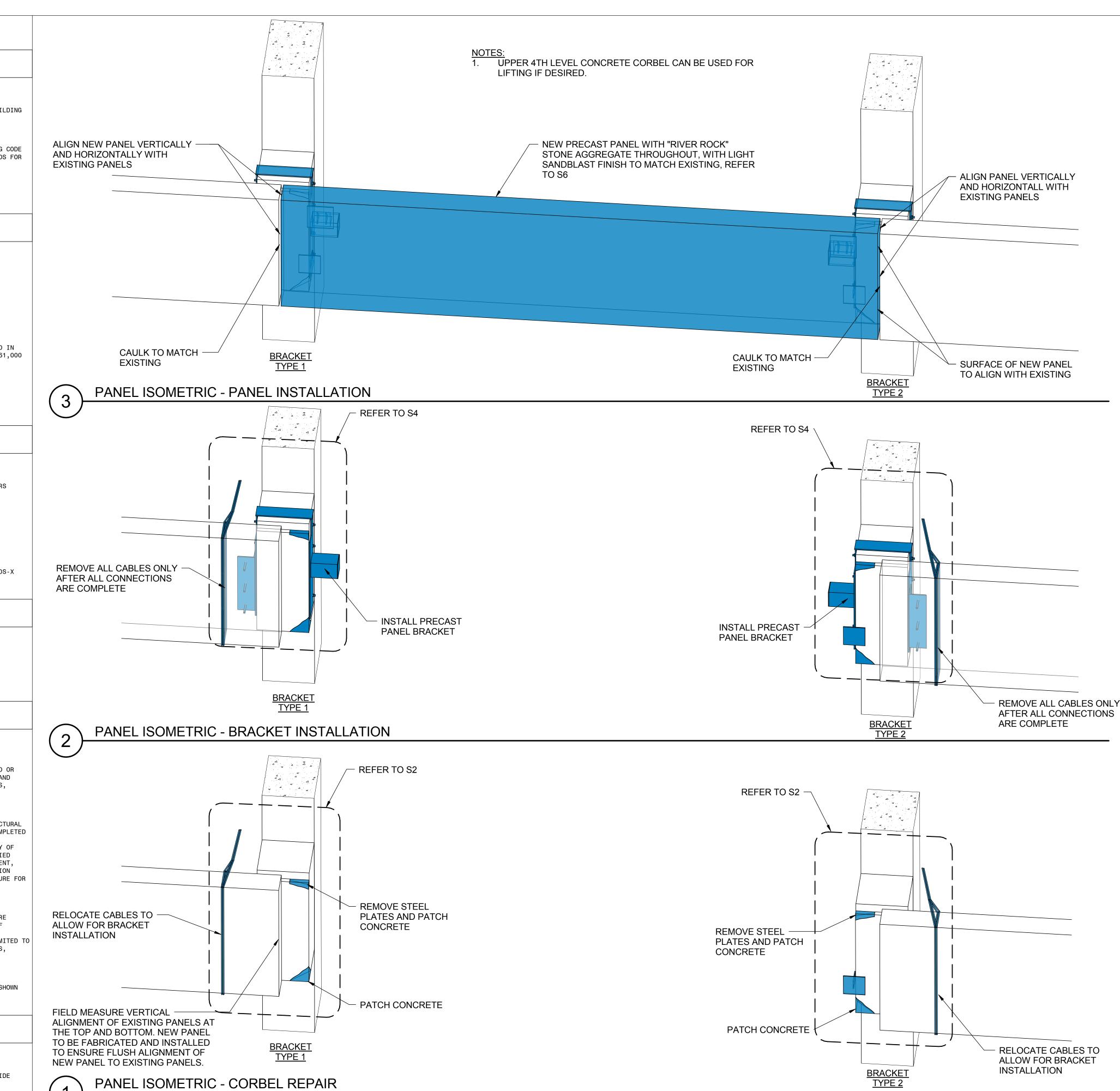
1. THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE, AND, EXCEPT WHERE SPECIFICALLY SHOWN, DO NOT INDICATE THE METHOD OR MEANS OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, PROCEDURES, TECHNIQUES, AND SEQUENCE.

- B. RESPONSIBILITY OF THE CONTRACTOR FOR CONSTRUCTION LOADS
  - THE STRUCTURE HAS BEEN DESIGNED FOR THE LOADS IDENTIFIED WITHIN THESE STRUCTURAL DRAWINGS THAT ARE ANTICIPATED TO BE APPLIED TO THE FINAL STRUCTURE ONCE COMPLETED AND OCCUPIED. THE CONTRACTOR SHALL NOT OVERLOAD THE STRUCTURE DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING THE ADEQUACY OF THE SURROUNDING GROUND, SLABS, AND EXISTING CONDITIONS TO SUPPORT ANY APPLIED CONSTRUCTION LOADS, INCLUDING THOSE DUE TO CONSTRUCTION VEHICLES OR EQUIPMENT, MATERIAL HANDLING OR STORAGE, SHORING OR RESHORING, OR ANY OTHER CONSTRUCTION ACTIVITY. WALTER P MOORE IS NOT RESPONSIBLE TO DESIGN OR CHECK THE STRUCTURE FOR LOADS APPLIED TO THE STRUCTURE FOR ANY CONSTRUCTION ACTIVITY.
- C. MAINTENANCE STATEMENT
  - 1. ALL STRUCTURES REQUIRE PERIODIC MAINTENANCE TO EXTEND LIFESPAN AND TO ENSURE STRUCTURAL INTEGRITY FROM EXPOSURE TO THE ENVIRONMENT. A PLANNED PROGRAM OF MAINTENANCE SHALL BE ESTABLISHED BY THE BUILDING OWNER. THIS PROGRAM SHALL INCLUDE REGULAR INSPECTIONS ON AN ANNUAL BASIS OF ITEMS SUCH AS BUT NOT LIMITED TO PROTECTIVE COATING FOR CONCRETE, SEALANTS, CAULKED JOINTS, EXPANSION JOINTS, CONTROL JOINTS, SPALLS AND CRACKS IN CONCRETE, AND RUSTING STEEL.
- D. FIELD VERIFICATION OF DIMENSIONS
  - 1. PRIOR TO ANY FABRICATION, THE CONTRACTOR MUST FIELD VERIFY THE DIMENSIONS SHOWN ON THESE DRAWINGS.

### PART VI - CONSTRUCTION SEQUENCE

A. GENERAL CONSTRUCTION SEQUENCE IS AS FOLLOWS:

- 1. RESET SHORING CABLES HOLDING PANELS ON EITHER SIDE OF MISSING PANEL. PROVIDE
- ENOUGH CLEARANCE TO INSTALL NEW STEEL BRACKETS. 2. CLEAN AND REPAIR DAMAGED AREAS ON TWO CORBELS AND EXISTING LEVEL 2 PANEL. 3. INSTALL NEW STEEL BRACKETS.
- 4. INSTALL NEW PRECAST PANEL.





# DAVID A. STRAZ, JR., CENTER PRECAST PANEL REPLACEMENT 1010 N. W.C. MacInnes Place Tampa, FL 33602 Consultants / Discipline : WALTER P MOORE WALTER P. MOORE AND ASSOCIATES, INC. 201 EAST KENNEDY BOULEVARD, SUITE 300 TAMPA, FLORIDA 33602.5823 PHONE: 813.221.2424 FAX: 813.221.2289 CERTIFICATE OF AUTHORIZATION NO. 3818 PROJECT NO.S05-13033-00 Issues/Revisions : **Project Status** No. | Date | Description 1 3/27/14 100% CONSTRUCTION DOCUMENTS

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Checked By :

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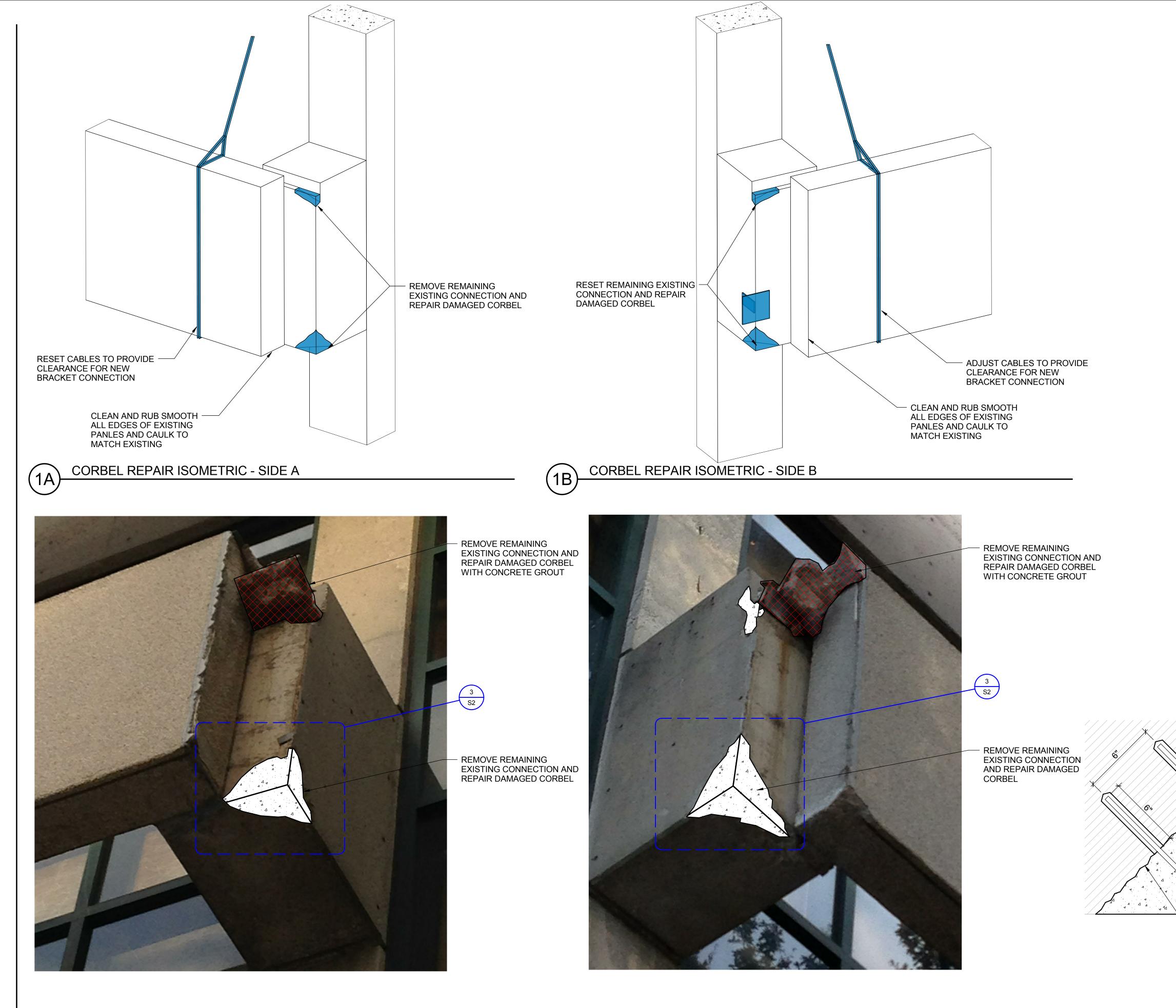
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(2B)

12" = 1'-0"

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DAVID A. STRAZ, JR., CENTER PRECAST PANEL REPLACEMENT

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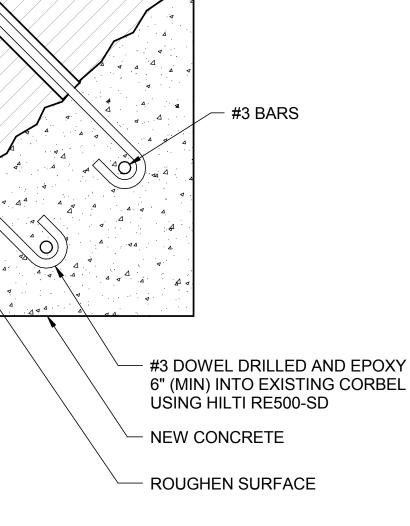
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# **REPAIR DETAILS**

Filename : Sheet No. :



- #3 BARS

USING HILTI RE500-SD - NEW CONCRETE

- ROUGHEN SURFACE

### TYPICAL CORBEL REPAIR DETAIL

3

3" = 1'-0"





DRILL NEW 2-#3 DOWELS PER DETAIL 3/S2 AND PATCH WITH CONCRETE COLOR AND STONE FINISH TO MATCH EXISTING





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☑ DRILL NEW 2-#3 DOWELS PER DETAIL 3/S2 AND PATCH WITH CONCRETE

COLOR AND STONE FINISH TO MATCH EXISTING

DRILL NEW 2-#3 DOWELS PER DETAIL 3/S2 AND PATCH WITH CONCRETE COLOR AND STONE FINISH TO MATCH EXISTING

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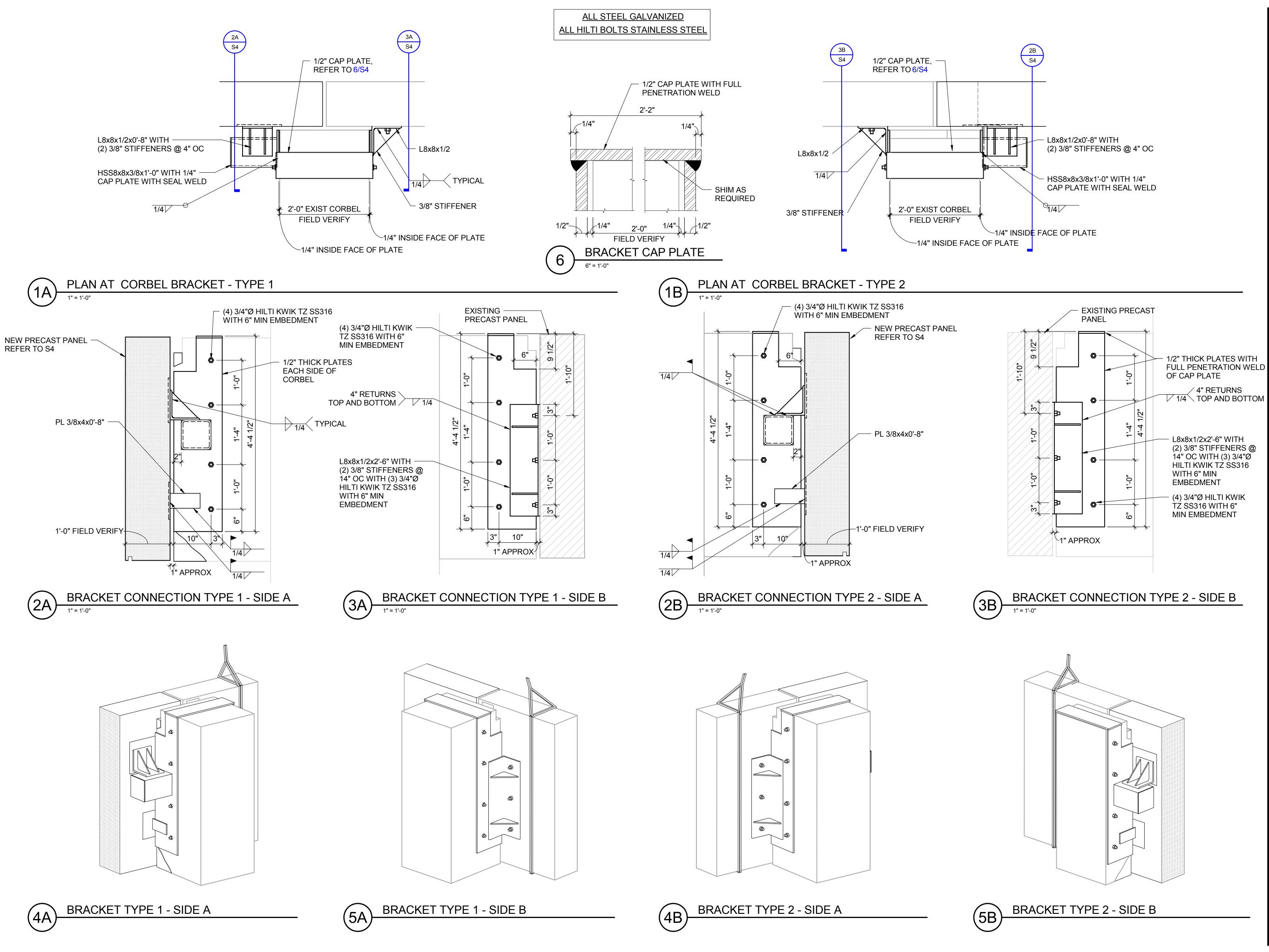
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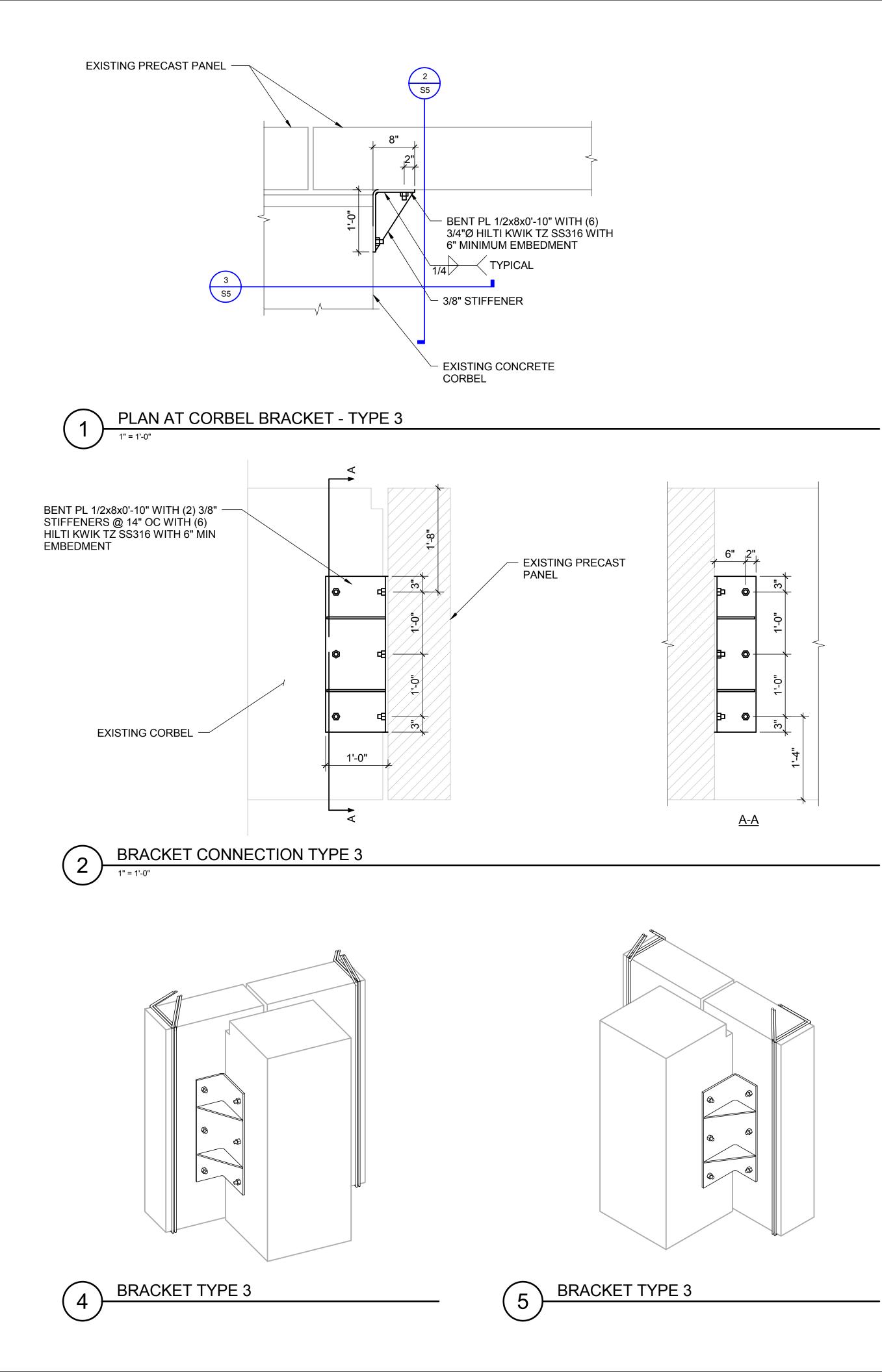
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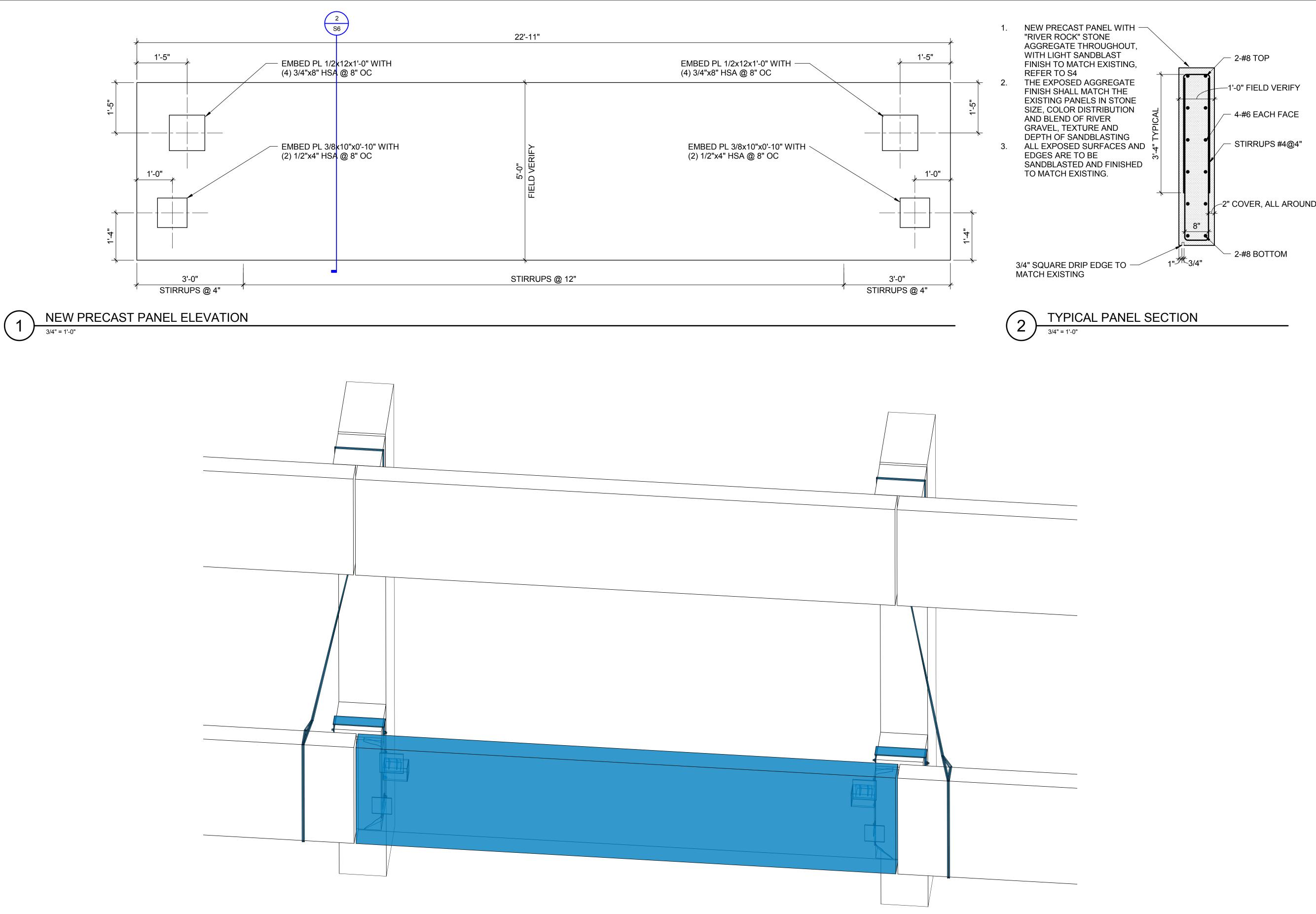
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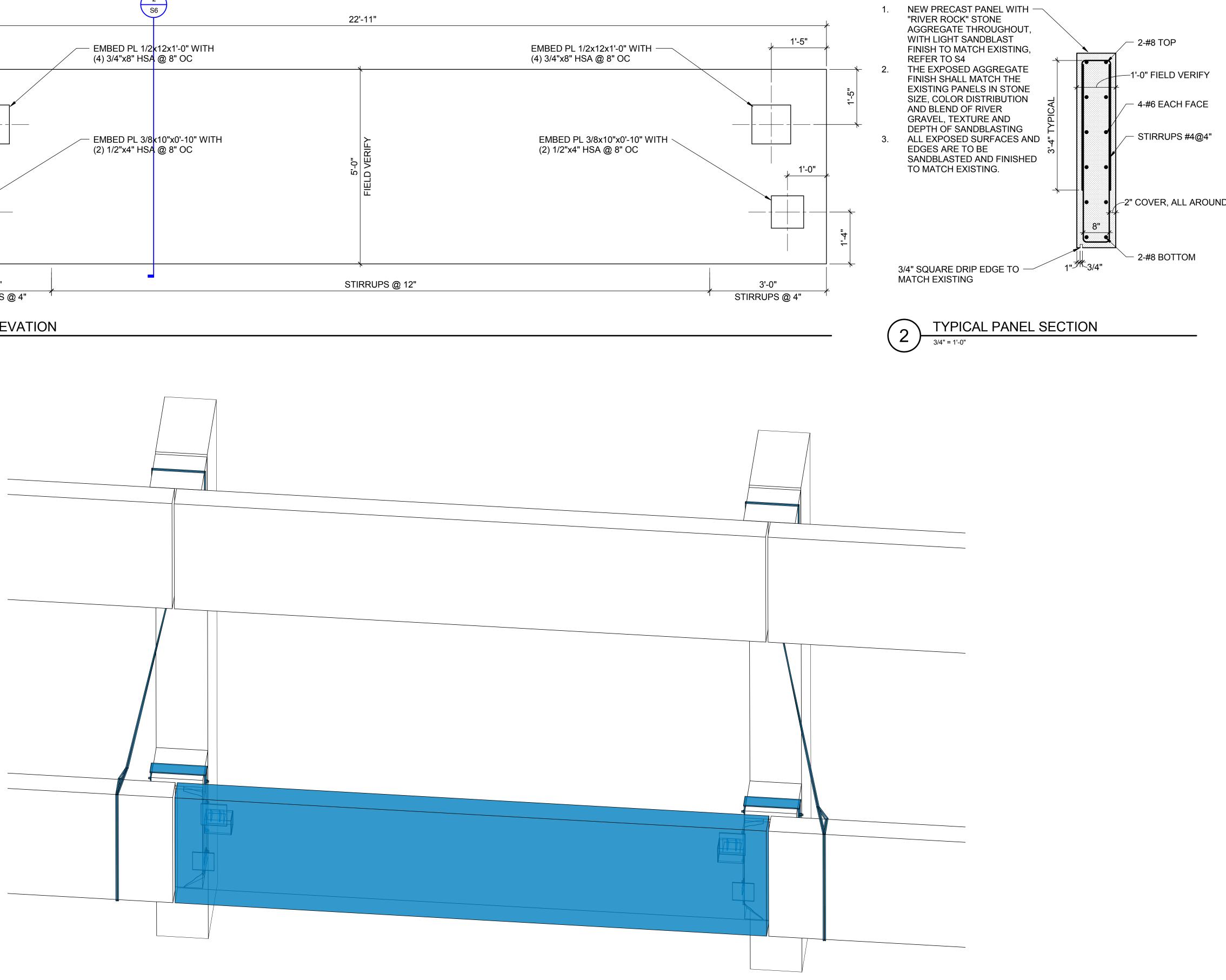


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