

# City of Plymouth

## Central Parking Structure Restoration 2022

Plymouth, Michigan

Issued for Bidding & Construction 7/22/2022

Project Number: 220597



fishbeck.com  
800.456.3824

1515 Arboretum Drive,  
Grand Rapids, Michigan

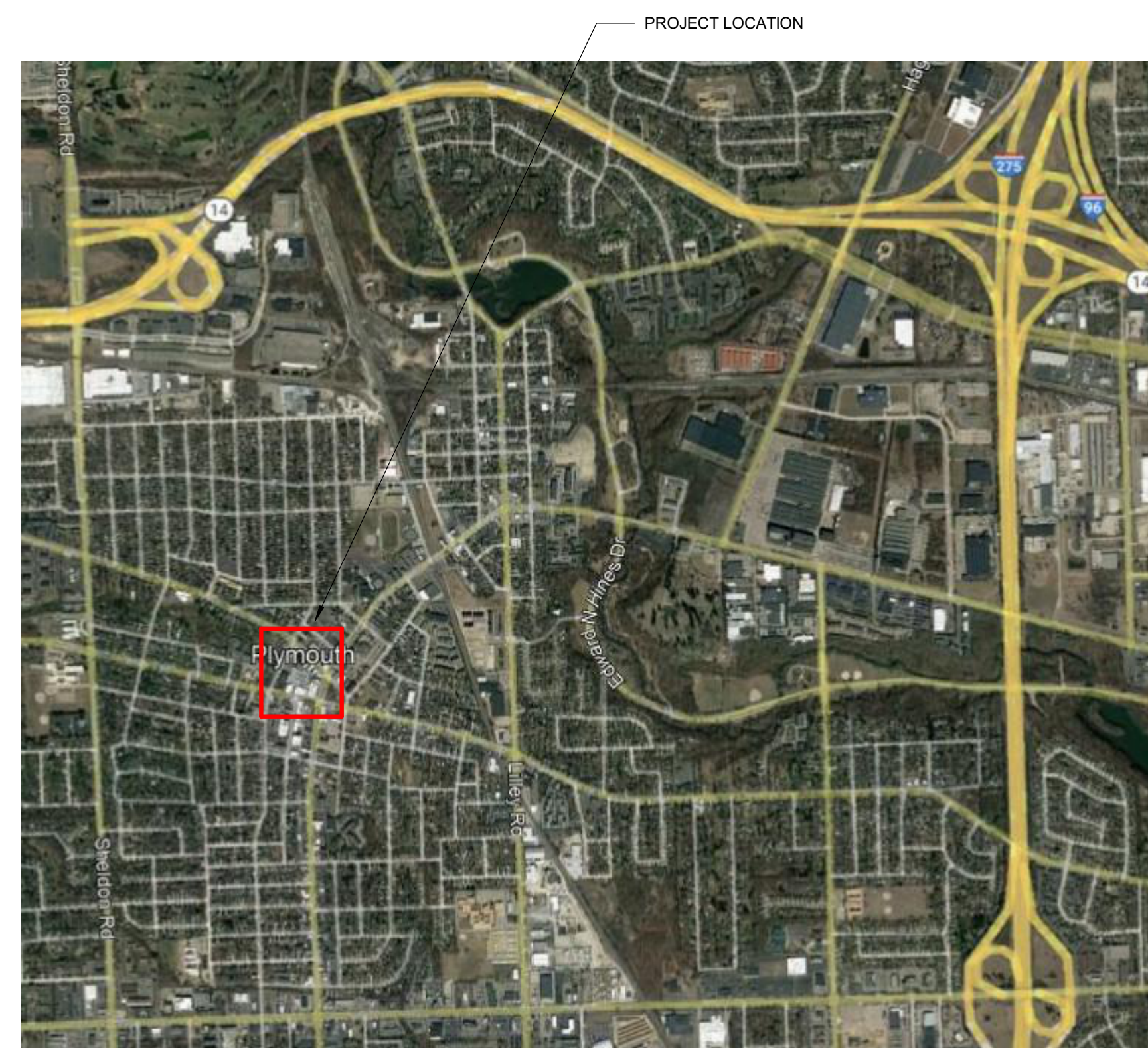
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City of Plymouth  
Plymouth, Michigan  
Central Parking Structure Restoration 2022

**AREA MAP**



**PROJECT LOCATION**



### CALL 811 FOR MISS DIG

FOR PROTECTION OF UNDERGROUND UTILITIES AND IN CONFORMANCE WITH PUBLIC ACT 83, 1974, THE CONTRACTOR SHALL CALL 811 A MINIMUM OF THREE (3) FULL WORKING DAYS (EXCLUDING SATURDAYS, SUNDAYS AND HOLIDAYS) PRIOR TO EXCAVATING IN THE VICINITY OF UTILITY LINES. ALL "MISS DIG" PARTICIPATING MEMBERS WILL BE ROUTINELY NOTIFIED. THIS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF NOTIFYING UTILITY OWNERS WHO MAY NOT BE A PART OF THE "MISS DIG" ALERT SYSTEM.

### REVISIONS

7/22/2022 BIDDING & CONSTRUCTION

Drawn By DEB  
Designer FGE  
Reviewer JBT  
Manager JBT

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### SEAL

PROJECT NO.  
220597

SHEET NO.

# G001

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3.8 GENERAL CAST-IN-PLACE CONCRETE

- A. REINFORCEMENT
  - 1. PROVIDE EXTRA REINFORCING AROUND ALL OPENINGS, TWO #5 BARS ON ALL FOUR SIDES OF EACH OPENING. EXTEND TWO FEET BEYOND CORNERS OF OPENING.
  - 2. PROVIDE STANDARD 90 DEGREE BAR HOOKS UNLESS NOTED OTHERWISE ON DRAWINGS.
  - 3. MINIMUM LENGTH OF LAP SPLICES SHALL BE BASED ON ACI 318 CLASS B, UNLESS NOTED OTHERWISE ON DRAWINGS.
  - 4. APPROVED REBAR COUPLERS MAY BE USED AT CONTRACTOR'S OPTION TO AID PLACEMENT OF DOWELS THROUGH FORMS.
  - 5. REINFORCING STEEL SHALL NOT BE BENT OR STRAIGHTENED UNLESS APPROVED BY ENGINEER OR AS INDICATED ON DRAWINGS.
  - 6. FIELD CUTTING OF REINFORCEMENT IS PROHIBITED UNLESS APPROVED BY ENGINEER.
  - 7. WELDING OF REINFORCEMENT IS PROHIBITED UNLESS SPECIFICALLY CALLED FOR ON DRAWINGS OR APPROVED BY ENGINEER. DO NOT WELD EPOXY COATED REINFORCEMENT.
- B. ACCESSORIES
  - 1. ALL WELD ASSEMBLIES SHALL USE E70XX LOW HYDROGEN ELECTRODES. MINIMUM WELD SIZE IS 1/4 INCH. STAINLESS STEEL ELECTRODES SHALL BE TYPE 308L OR 347.
  - 2. FOR FIELD WELDING GALVANIZED CONNECTION HARDWARE, REMOVE SLAG, WIRE BRUSH, AND APPLY THREE COATS OF Z.R.C. COLD GALVANIZING.
  - 3. NO ALUMINUM CONDUIT OR PRODUCTS CONTAINING ALUMINUM OR ANY OTHER MATERIAL INJURIOUS TO THE CONCRETE SHALL BE EMBEDDED IN CONCRETE.
- C. JOINTS
  - 1. PROVIDE A 3/4 INCH CHAMFER ON EXPOSED CORNERS OF CONCRETE UNLESS OTHERWISE INDICATED ON DRAWINGS. TOP EDGES OF WALLS MAY BE TOOLED.
  - 2. TOOL SLAB JOINTS AT THE TIME OF FINISHING. SAW CUTTING IS NOT ALLOWED UNLESS SPECIFICALLY CALLED FOR ON DRAWINGS OR APPROVED BY ENGINEER.
  - 3. CAST WALLS WITH CONSTRUCTION AND CONTROL JOINTS AT 15 FEET ON CENTER MAXIMUM UNLESS NOTED ON DRAWINGS.
  - 4. CAST SLAB ON GRADE WITH CONSTRUCTION AND CONTROL JOINTS IN STRIPS 15 FEET BY 100 FEET MAXIMUM UNLESS NOTED OTHERWISE ON DRAWINGS.
  - 5. CONSTRUCTION JOINTS FOR SUPPORTED SLABS SHALL BE AS NOTED ON DRAWINGS OR AS APPROVED BY THE ENGINEER.
  - 6. CONSTRUCTION JOINTS SHALL BE PREPARED BY ROUGHENING THE CONTACT SURFACE TO A FULL AMPLITUDE OF 1/4" AND LEAVING THE CONTACT SURFACE CLEAN AND FREE OF LAITANCE.
- D. GENERAL
  - 1. THE USE OF CHLORIDES SUCH AS DEICING SALTS ARE PROHIBITED FOR USE OF MELTING ICE PRIOR TO PLACEMENT OF CONCRETE.

DIVISION 05 - METALS

- 5.1 ALL DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FOLLOWING:
  - A. AISC 360-10
  - B. AISC 341-10
  - C. REFER TO SPECIFICATION SECTION 055000 FOR INFORMATION NOT LISTED HEREIN
- 5.2 W-SHAPES, ASTM A 992, GRADE 50
- 5.3 CHANNELS ANGLES, M-SHAPES, S-SHAPES, ASTM A 36
- 5.4 PLATES AND BARS, ASTM A 36
- 5.5 CORROSION-RESISTING STRUCTURAL STEEL, ASTM A 588, GRADE 50
- 5.6 HOLLOW STRUCTURAL SECTIONS, ASTM A 500, GRADE C
- 5.7 CORROSION-RESISTING COLD-FORMED STEEL TUBING, ASTM A 847
- 5.8 STEEL PIPE, ASTM A 53, TYPE E OR S, GRADE B STANDARD WEIGHT.
- 5.9 ALL WELDING SHALL BE MADE WITH E70XX LOW HYDROGEN ELECTRODES AND SHALL CONFORM TO THE LATEST EDITION OF THE AMERICAN WELDING SOCIETY SPECIFICATIONS. ALL WELDS SHALL BE PERFORMED BY AN AWS CERTIFIED WELDER.
- 5.10 BOLTED CONNECTIONS SHALL BE MADE USING ASTM A 325-N 3/4 INCH DIAMETER HIGH STRENGTH BOLTS, NUTS, AND WASHERS BEARING TYPE CONNECTION WITH THREADS INCLUDED IN SHEAR PLANE, OR ASTM A 325-SC FOR SLIP CRITICAL CONNECTIONS OR AS INDICATED OTHERWISE ON DRAWINGS. TURN OF THE NUT METHOD.
  - A. FINISH: MECHANICALLY DEPOSITED ZINC COATING, ASTM B 645 CLASS 50.
- 5.12 CONNECTIONS NOT DETAILED ON DRAWINGS SHALL BE DESIGNED BY FABRICATOR IN ACCORDANCE WITH AISC SPECIFICATIONS
- 5.13 USE STANDARD AISC DOUBLE ANGLE CONNECTIONS WHERE POSSIBLE. SHOP CONNECTIONS NOT SPECIFICALLY DETAILED ON DRAWINGS SHALL BE BOLTED OR WELDED. FIELD CONNECTIONS SHALL BE BOLTED UNLESS SPECIFICALLY DETAILED OTHERWISE.
- 5.14 WHEN NO REACTIONS ARE INDICATED, DESIGN CONNECTIONS TO SUPPORT A REACTION VALUE EQUAL TO ONE HALF THE AISC TABULATED ALLOWABLE UNIFORM LOAD VALUE (6 KIPS MINIMUM)
- 5.15 NO SPLICED IN COLUMNS WILL BE PERMITTED UNLESS SPECIFICALLY NOTED ON DRAWINGS
- 5.16 SURFACE FINISH FOR STEEL METAL WORK SHALL BE:
 

DESCRIPTION	SURFACE FINISH
MISC FRAMING EXPOSED TO WEATHER	HOT-DIP GALVANIZED
MISC FRAMING NOT EXPOSED TO WEATHER	HOT-DIP GALVANIZED

DIVISION 07 - THERMAL AND MOISTURE PROTECTION

- 7.1 JOINT SEALANTS
  - A. REMOVE AND REPLACE HORIZONTAL AND VERTICAL JOINT SEALANTS AS INDICATED ON DRAWINGS.
- 7.2 TRAFFIC-BEARING MEMBRANE (DECK COATING)
  - A. INSTALL DECK COATING (FULL SYSTEM) AT CONCRETE REPAIRS WHERE THERE IS EXISTING DECK COATING.
- 7.3 EXPANSION JOINTS
  - A. REPAIR EXPANSION JOINT AS INDICATED ON DRAWINGS.

DIVISION 09 - FINISHES

- 9.1 CONCRETE STAIN
  - A. STAIN VERTICAL AND OVERHEAD CONCRETE REPAIRS TO MATCH EXISTING.
- 9.2 ELASTOMERIC COATING
  - A. INSTALL ELASTOMERIC COATING AT CONCRETE REPAIRS WHERE THERE IS EXISTING ELASTOMERIC COATING TO MATCH EXISTING.

DIVISION 22 - PLUMBING

- 22.1 REMOVE AND REPLACE FLOOR DRAIN AS INDICATED ON DRAWINGS.

DIVISION 31 - EARTHWORK

- 31.3 GENERAL - SITE WORK
  - A. THE DEEP FOUNDATION SYSTEM OF THE EXISTING STRUCTURE IS NOT BEING MODIFIED. PROJECT SCOPE INCLUDES WIDENING OF ONE EXISTING CAISSON CAP FOR PLACEMENT OF A NEW COLUMN.
  - B. SLAB ON GRADE TO BE ON 12 INCHES MINIMUM OF COMPACTED GRANULAR SUBBASE (MDOT CLASS II OR MDOT 21AA).
  - C. ALL MATERIALS TO BE COMPACTED STANDARD PROCTOR ASTM D 698. TESTING LABORATORY TO VERIFY ADEQUACY OF SUBGRADE PREPARATION. FILL MATERIAL AND COMPACTION AS FOLLOWS:
    - 1. BUILDING SLABS SUPPORTED ON GRADE: 95%
    - 2. PAVING AND WALKS: 95%
    - 3. AREAS OF GENERAL GRADING AND EXTERIOR MECHANICAL AND ELECTRICAL BACKFILLING: 95%
  - D. DETERMINE IN FIELD HORIZONTAL AND VERTICAL LOCATION OF ANY EXISTING UTILITY LINES AND/OR APPURTENANCES AND ADVISE ENGINEER OF ANY CONFLICTS WITH NEW STRUCTURE PRIOR TO CONSTRUCTION. DO NOT DESTROY ANY EXISTING UNDERGROUND STRUCTURES UNLESS AUTHORIZATION IS OBTAINED PRIOR TO CONSTRUCTION.
  - E. MAINTAIN SAFETY IN CONNECTION WITH EARTH SLOPES CAUSED BY TRENCHING, EXCAVATION, AND/OR FILL DURING CONSTRUCTION. WHERE HEIGHT OF SUCH SLOPES WILL EXCEED 8 FEET, SUBMIT FOR RECORD A DETAILED PLAN INDICATING DESIGN OF SOIL RETENTION SYSTEM WHICH WILL BE IMPLEMENTED (SUCH AS SHEETING AND SHORING OR OTHER METHODS), PREPARED, SIGNED, AND SEALED BY A GEOTECHNICAL AND/OR STRUCTURAL ENGINEER REGISTERED IN STATE WHICH PROJECT IS LOCATED.
  - F. ANY UNUSUAL SOIL CONDITIONS (WATER, SOFT LAYERS, ODORS, ETC.) ENCOUNTERED DURING EXCAVATION FOR FOUNDATIONS SHOULD BE IMMEDIATELY BROUGHT TO ATTENTION OF ENGINEER.

ABBREVIATIONS

ADDL	=	ADDITIONAL
ALT	=	ALTERNATE
ARCH	=	ARCHITECTURAL
BO ___	=	BOTTOM OF ___
BOT	=	BOTTOM
BRG	=	BEARING
CIP	=	CAST-IN-PLACE CONCRETE
CJ	=	CONSTRUCTION JOINT
CLR	=	CLEAR
CMU	=	CONCRETE MASONRY UNIT
COL	=	COLUMN
CONC	=	CONCRETE
CONN	=	CONNECTION
CONT	=	CONTINUOUS
DBA	=	DEFORMED BAR ANCHOR
DET	=	DETAIL
DIA	=	DIAMETER
DIAPH	=	DIAPHRAGM
DWL	=	DOWEL
EA	=	EACH
EC	=	EPOXY COATED
EE	=	EACH END
EF	=	EACH FACE
EL	=	ELEVATION
ELEC	=	ELECTRICAL
ELEV	=	ELEVATOR
EQ	=	EQUAL
EW	=	EACH WAY
EXIST	=	EXISTING
EXP	=	EXPANSION
FD	=	FLOOR DRAIN
FDN	=	FOUNDATION
FT	=	FOOT
FTG	=	FOOTING
GA	=	GAUGE
GALV	=	GALVANIZED
GC	=	GENERAL CONTRACTOR
GGBS	=	GROUND GRANULATED BLAST-FURNACE SLAG
HK	=	HOOK
HORIZ	=	HORIZONTAL
HSA	=	HEADED STUD ANCHOR
IP	=	INFLECTION POINT
JT	=	JOINT
LT WALL	=	LIGHT WALL
MECH	=	MECHANICAL
MFR	=	MANUFACTURER
MIN	=	MINIMUM
NOM	=	NOMINAL
NSNS	=	NON-SHRINK, NON-STAIN
NTS	=	NOT TO SCALE
OC	=	ON CENTER
OH	=	OPPOSITE HAND
PCC	=	PRECAST CONCRETE
PT	=	POST-TENSIONED
REINF	=	REINFORCING
REQD	=	REQUIRED
SECT	=	SECTION
SIM	=	SIMILAR
SOG	=	SLAB ON GRADE
SPEC	=	SPECIFICATION
SS	=	STAINLESS STEEL
STD	=	STANDARD
STL	=	STEEL
TO ___	=	TOP OF ___
TOB	=	TOP OF BEAM
TOC	=	TOP OF CONCRETE
TOF	=	TOP OF FOUNDATION
TOS	=	TOP OF SLAB
TOW	=	TOP OF WALL
TEMP	=	TEMPERATURE
TYP	=	TYPICAL
UNO	=	UNLESS NOTED OTHERWISE
VERT	=	VERTICAL
VIF	=	VERIFY IN FIELD
W/	=	WITH
WWF	=	WELDED WIRE FABRIC
ZRC	=	ZINC RICH COATING

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Engineers | Architects | Scientists | Constructors

City of Plymouth  
Plymouth, Michigan

Central Parking Structure Restoration 2022

REVISIONS

7/22/2022 BIDDING & CONSTRUCTION

Drawn By DEB  
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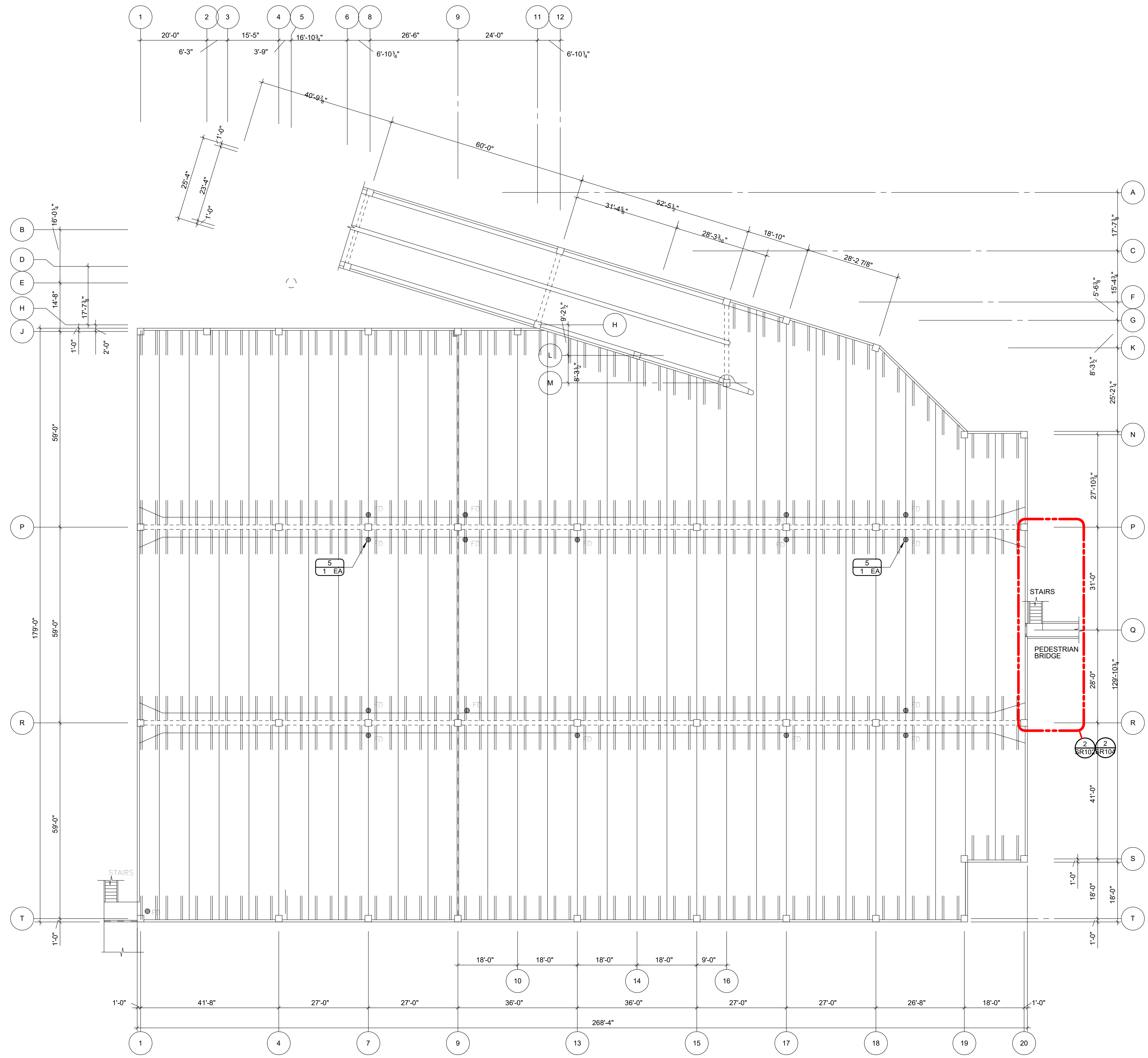
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PROJECT NO.  
220597

SHEET NO.

G003

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**LEVEL 2 PLAN**  
SCALE: 1/16" = 1'-0"  
NORTH

**SYMBOLS LEGEND**

- XXX  
X SF WORK ITEM NUMBER, REFER TO LIST BELOW
- X SF QUANTITY UNIT
- X SF QUANTITY OF REPAIR
- SOFFIT REPAIR HATCH

**WORK ITEM NOTES**

1. CEILING REPAIR, REFER TO DTL 5/SR501.
2. COLUMN REPAIR, REFER TO DTL 7/SR501.
3. WALL REPAIR, REFER TO DTL 8/SR501.
4. REMOVE & REPLACE COVE JOINT SEALANT, REFER TO DTL 3/SR511.
5. REMOVE & REPLACE FLOOR DRAIN, REFER TO DTL 8/SR511.

**SHEET NOTES**

1. REFER TO G002 FOR GENERAL NOTES.
2. REPAIRS SHOWN ON PLANS ARE FOR THE FLOOR AND SOFFIT (OVERHEAD) OF REPRESENTED LEVEL.
3. SUPPORTED SLAB AND PEDESTRIAN BRIDGE HAVE AN EXISTING DECK COATING, EXCEPT AT VEHICULAR RAMP.
4. ALL COLUMNS AND WALLS HAVE AN EXISTING ELASTOMERIC COATING AT THE INTERIOR OF LEVEL 2, INCLUDING THE PEDESTRIAN BRIDGE.

**REVISIONS**

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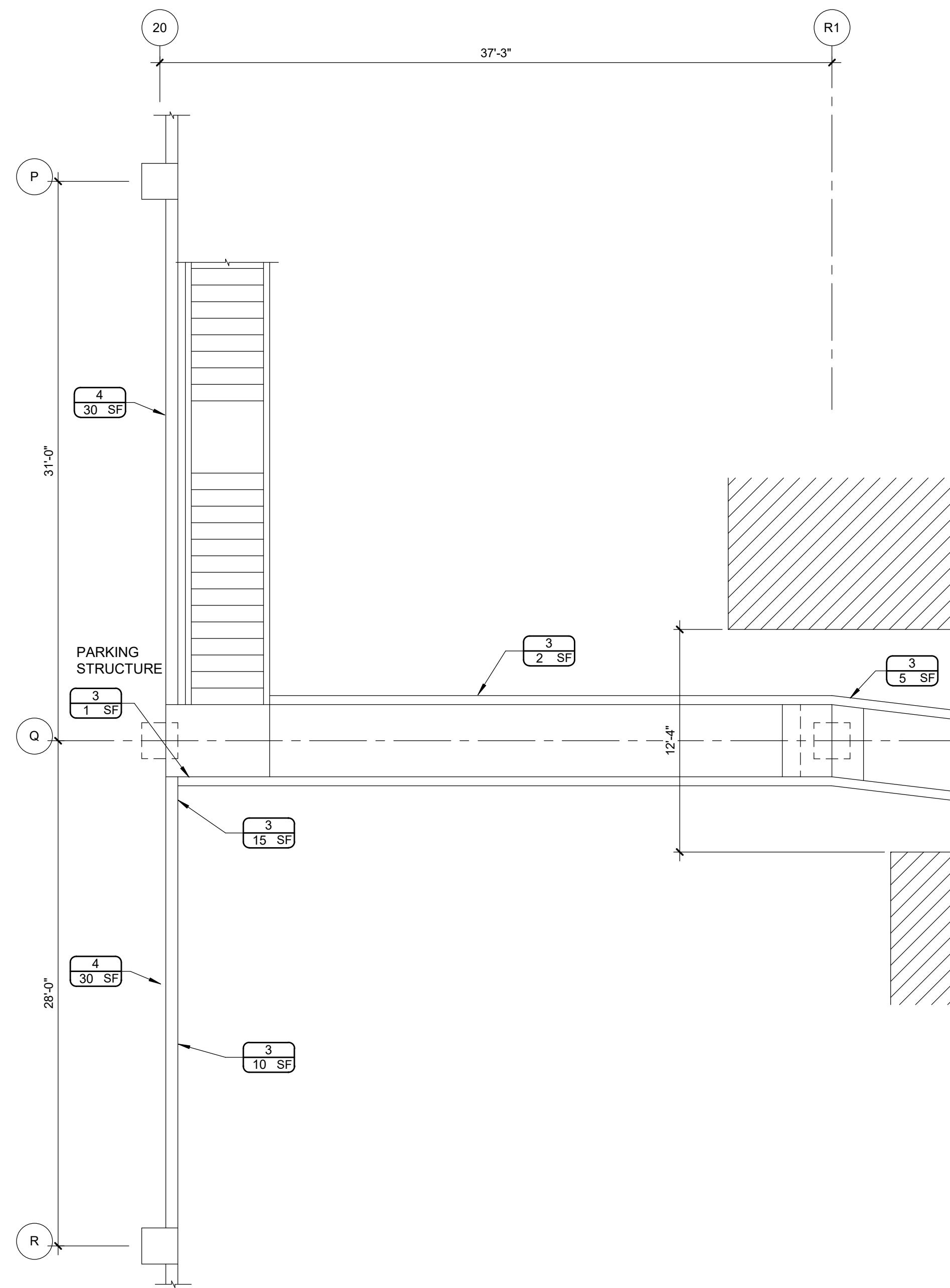
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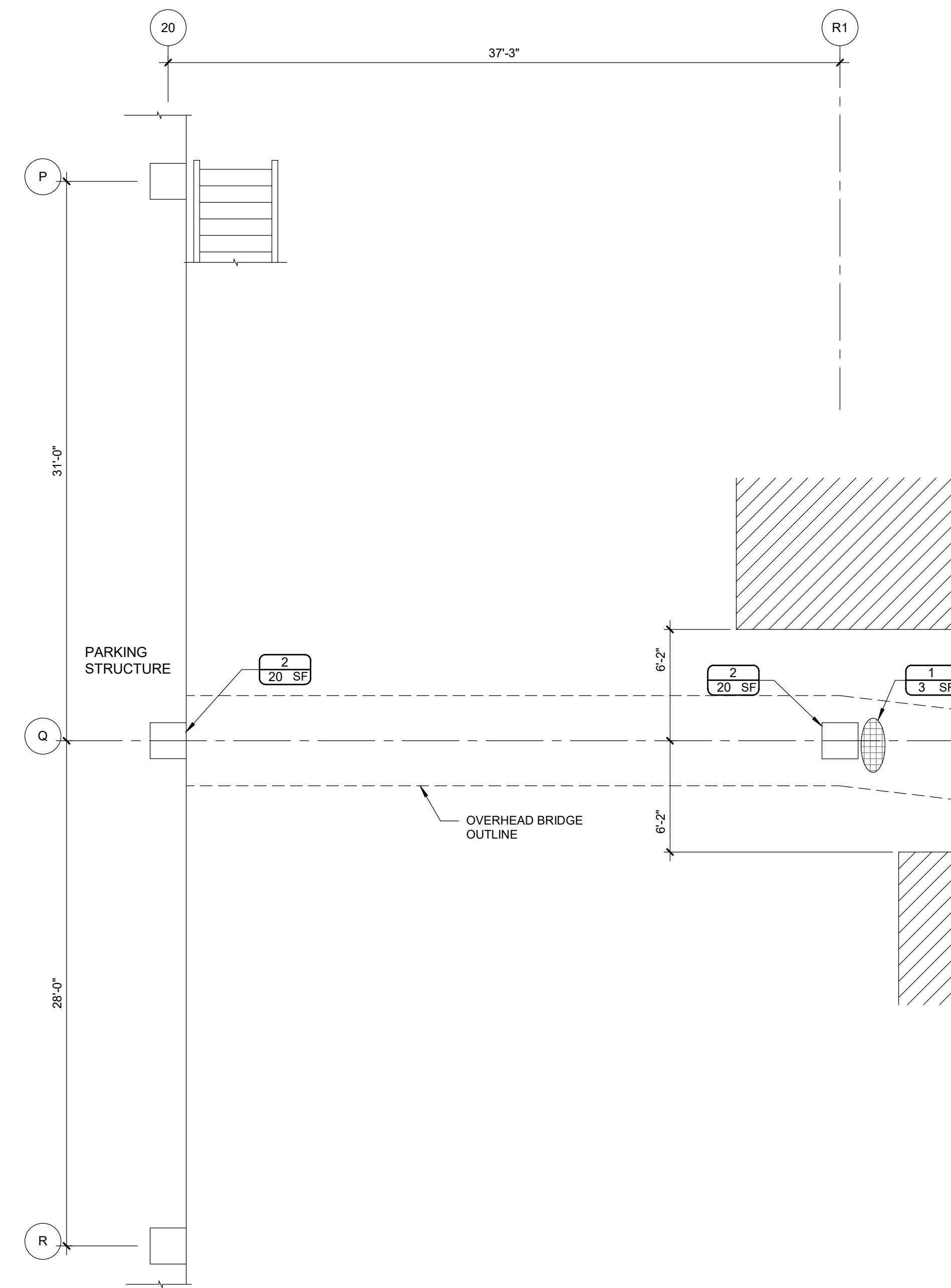
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**SR101**

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**2 EAST STAIR REPAIR PLAN - LEVEL 2**  
SCALE: 3/16" = 1'-0"



**1 EAST STAIR REPAIR PLAN - LEVEL 1**  
SCALE: 3/16" = 1'-0"

**SYMBOLS LEGEND**

XXX  
X SF — WORK ITEM NUMBER, REFER TO LIST BELOW  
X SF — QUANTITY UNIT  
X SF — QUANTITY OF REPAIR

SOFFIT REPAIR HATCH

**WORK ITEM NOTES**

1. CEILING REPAIR, REFER TO DTL 5/SR501.
2. COLUMN REPAIR, REFER TO DTL 7/SR501.
3. WALL REPAIR, REFER TO DTL 8/SR501.
4. REMOVE & REPLACE COVE JOINT SEALANT, REFER TO DTL 3/SR511.
5. REMOVE & REPLACE FLOOR DRAIN, REFER TO DTL 8/SR511.

**SHEET NOTES**

1. REFER TO G002 FOR GENERAL NOTES.
2. REPAIRS SHOWN ON PLANS ARE FOR THE FLOOR AND SOFFIT (OVERHEAD) OF REPRESENTED LEVEL.
3. SUPPORTED SLAB AND PEDESTRIAN BRIDGE HAVE AN EXISTING DECK COATING, EXCEPT AT VEHICULAR RAMP.
4. ALL COLUMNS AND WALLS HAVE AN EXISTING ELASTOMERIC COATING AT THE INTERIOR OF LEVEL 2, INCLUDING THE PEDESTRIAN BRIDGE.

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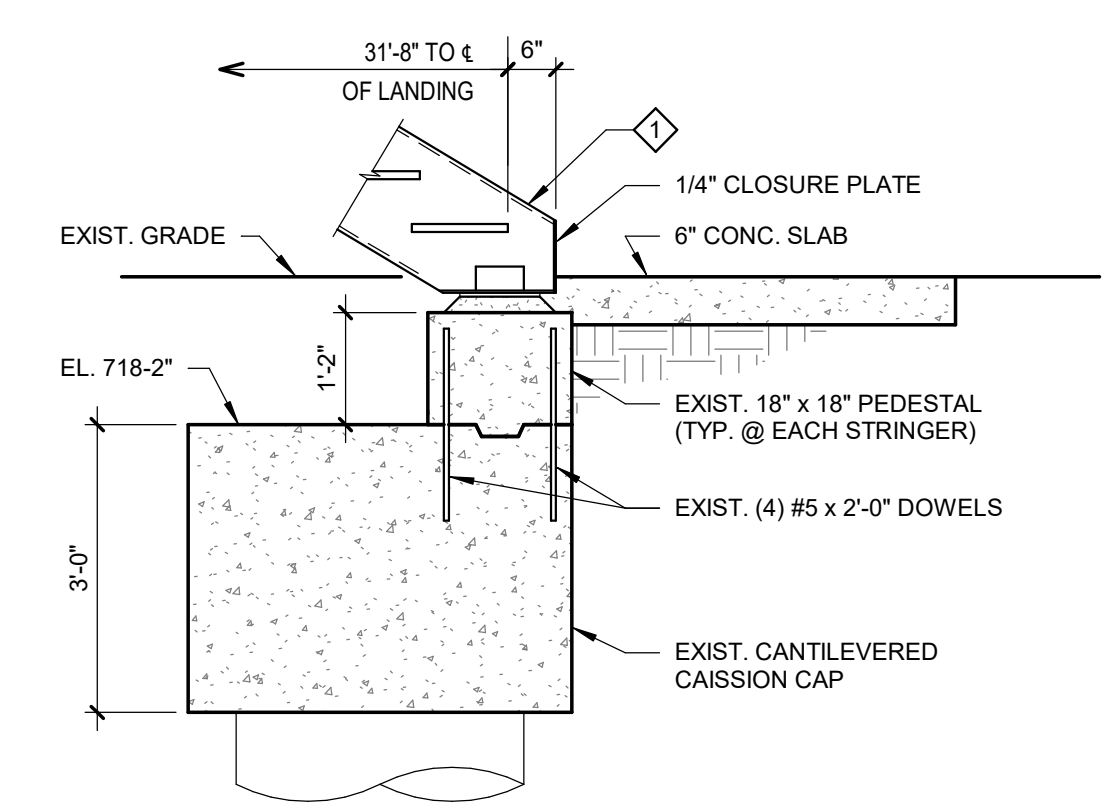
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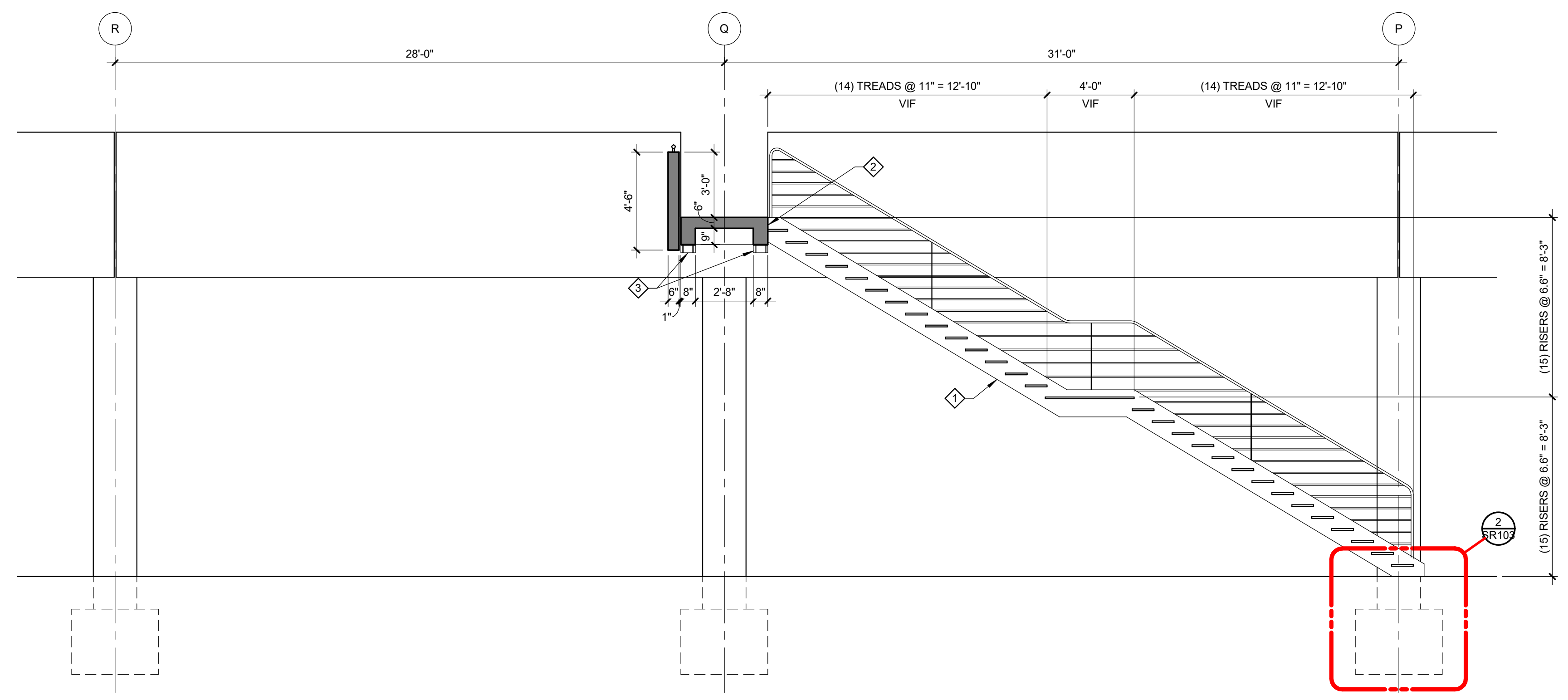
**SR102**



**3 BRIDGE CONNECTION - EXISTING CONDITION**  
SCALE: 1/2" = 1'-0"



**2 SECTION - EXISTING CONDITION**  
SCALE: 1/2" = 1'-0"



**1 EAST STAIR ELEVATION - EXISTING CONDITION**  
SCALE: 1/4" = 1'-0"

**SHEET NOTES**

- REFER TO G002 FOR GENERAL NOTES.
- SUPPORTED SLAB AND PEDESTRIAN BRIDGE HAVE AN EXISTING DECK COATING, EXCEPT AT VEHICULAR RAMP.
- ALL COLUMNS AND WALLS HAVE AN EXISTING ELASTOMERIC COATING AT THE INTERIOR OF LEVEL 2, INCLUDING THE PEDESTRIAN BRIDGE.
- PROTECT EXISTING EXPANSION JOINT (WINGED SEAL) BETWEEN THE PEDESTRIAN BRIDGE AND PARKING STRUCTURE. REPAIR TO MATCH EXISTING IF DAMAGED.

**KEY NOTES**

- DEMOLISH EXISTING STEEL STAIR, STRINGERS, RAILING, TREADS, AND CONNECTIONS.
- REMOVE EXISTING ANGLE AND FACE PLATE. PERFORM BEAM REPAIR, REFER TO DETAIL 6/SR501.
- DEMOLISH EXIST BEARING ANGLES, CLEAN AND PAINT EXISTING EMBED PLATES TO REMAIN.
- CLEAN EXISTING CONCRETE MEMBERS WHICH HAVE BEEN STAINED BY PREVIOUS LEAKING OR LEACHING. REFER TO SECTION 02 41 23.
- RELOCATE EXISTING LIGHT FIXTURE FROM COLUMN TO FACE OF SPANDREL. CONDUIT TO MATCH EXISTING.

REVISIONS

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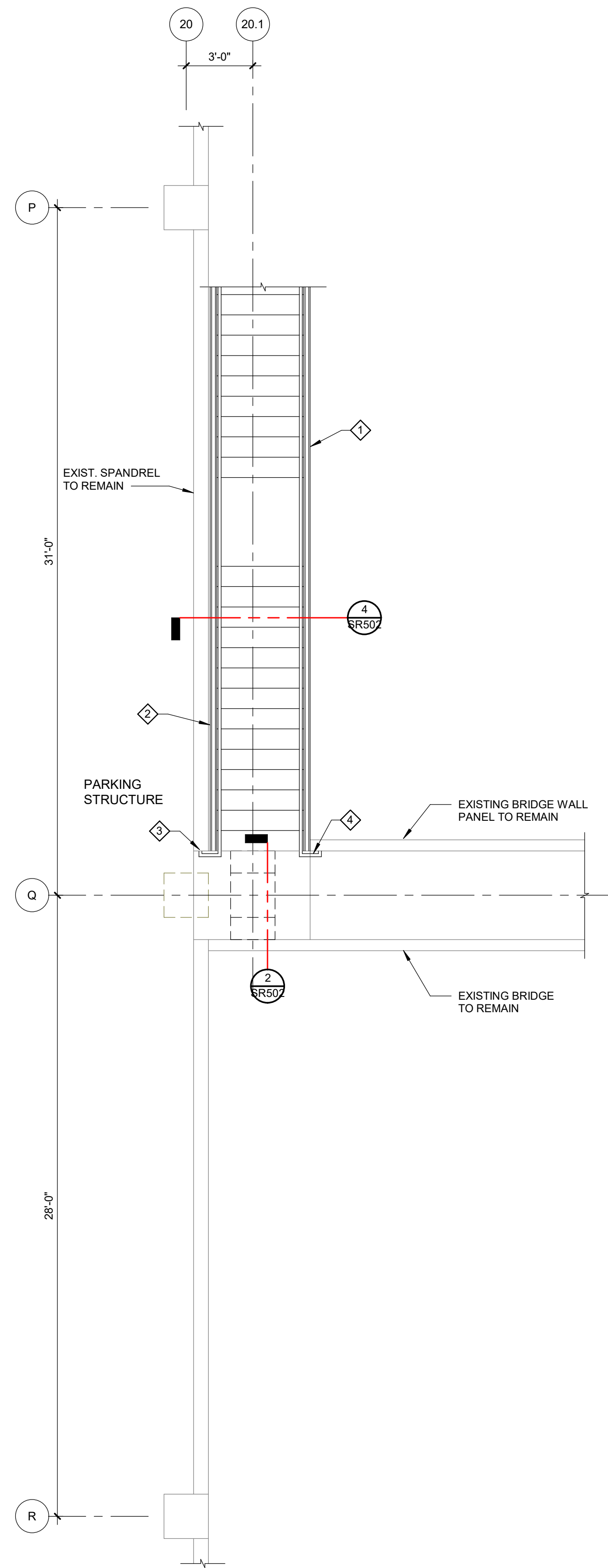
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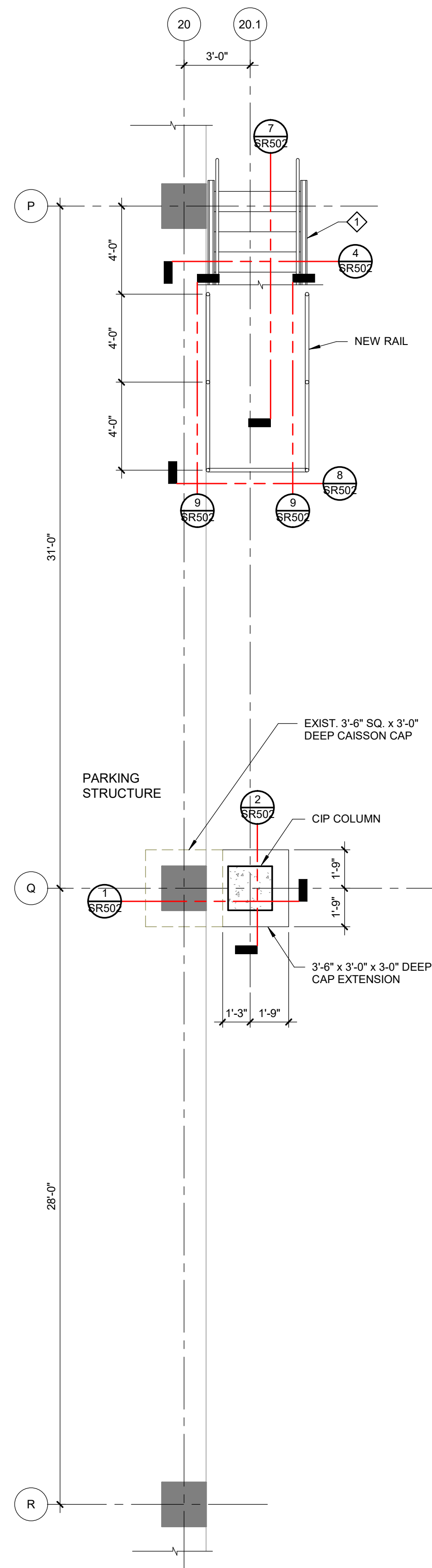
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**SR103**

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**2 EAST STAIR REPLACEMENT PLAN - LEVEL 2**  
SCALE: 1/4" = 1'-0"



**1 EAST STAIR REPLACEMENT PLAN - FOUNDATION & LEVEL 1**  
SCALE: 1/4" = 1'-0"

**SHEET NOTES**

1. REFER TO G002 FOR GENERAL NOTES.
2. PROVIDE TEMPORARY SHORING OF THE EXISTING PEDESTRIAN BRIDGE IF REQUIRED BASED ON CONSTRUCTION SEQUENCING. COORDINATE WITH KEY NOTE 3 ON SR103 (DEMOLITION OF EXIST BEARING ANGLES).
3. REMOVE AND REPLACE PORTIONS OF CONC SOG AS REQUIRED TO PROVIDE THE CAP EXTENSION (AT GRID LINE Q) AND EXPOSE THE PEDESTALS FOR NEW CONNECTION (AT GRID LINE P).

**KEY NOTES**

1. PROVIDE NEW STAIR CONSTRUCTED OF HOT-DIP GALVANIZED STEEL WITH ALUMINUM PLANK TREADS AND LANDING AND GALVANIZED STEEL RISER PLATES. IN DIRECTION OF TRAVEL, STAIR SHALL MATCH EXISTING TREADS AND LANDINGS DIMENSIONS (RISE AND RUN), REFER TO DET 1/SR103 AND VIF.
2. NEW STAIR SHALL MAINTAIN A MINIMUM OF 1" CLEAR OFF THE EXIST SPANDREL FACE.
3. EXTEND HANDRAIL HORIZONTALLY ABOVE EXISTING LANDING, WRAP CORNER, AND RETURN HANDRAIL TO CENTER OF THE EXISTING SPANDREL, VIF.
4. EXTEND HANDRAIL HORIZONTALLY ABOVE EXISTING LANDING, WRAP CORNER FOR 12" MIN AND RETURN HANDRAIL TO FACE OF EXISTING WALL PANEL, VIF.

REVISIONS

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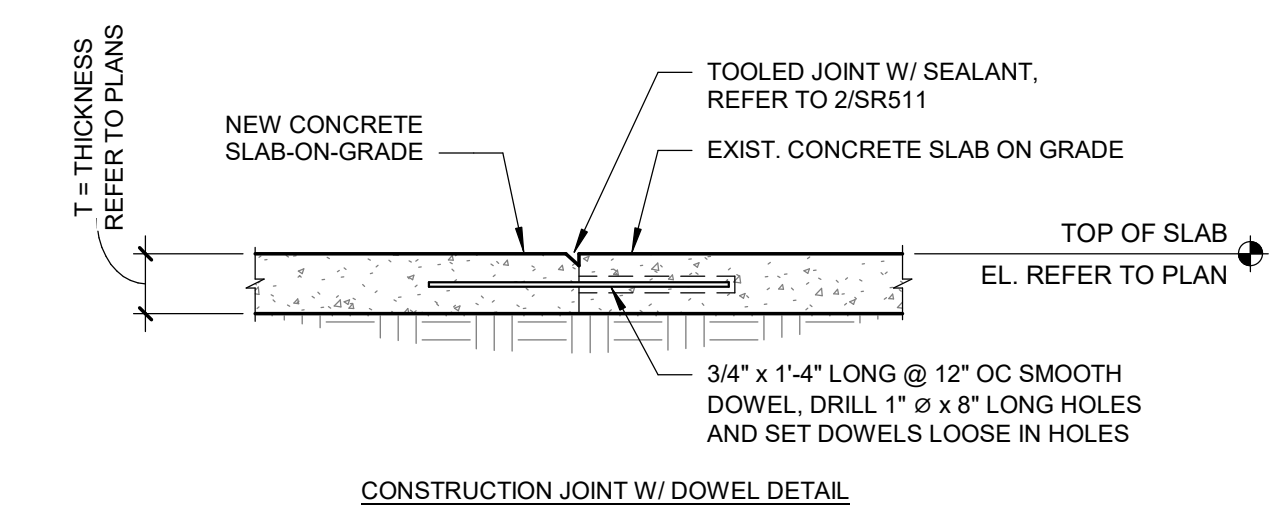
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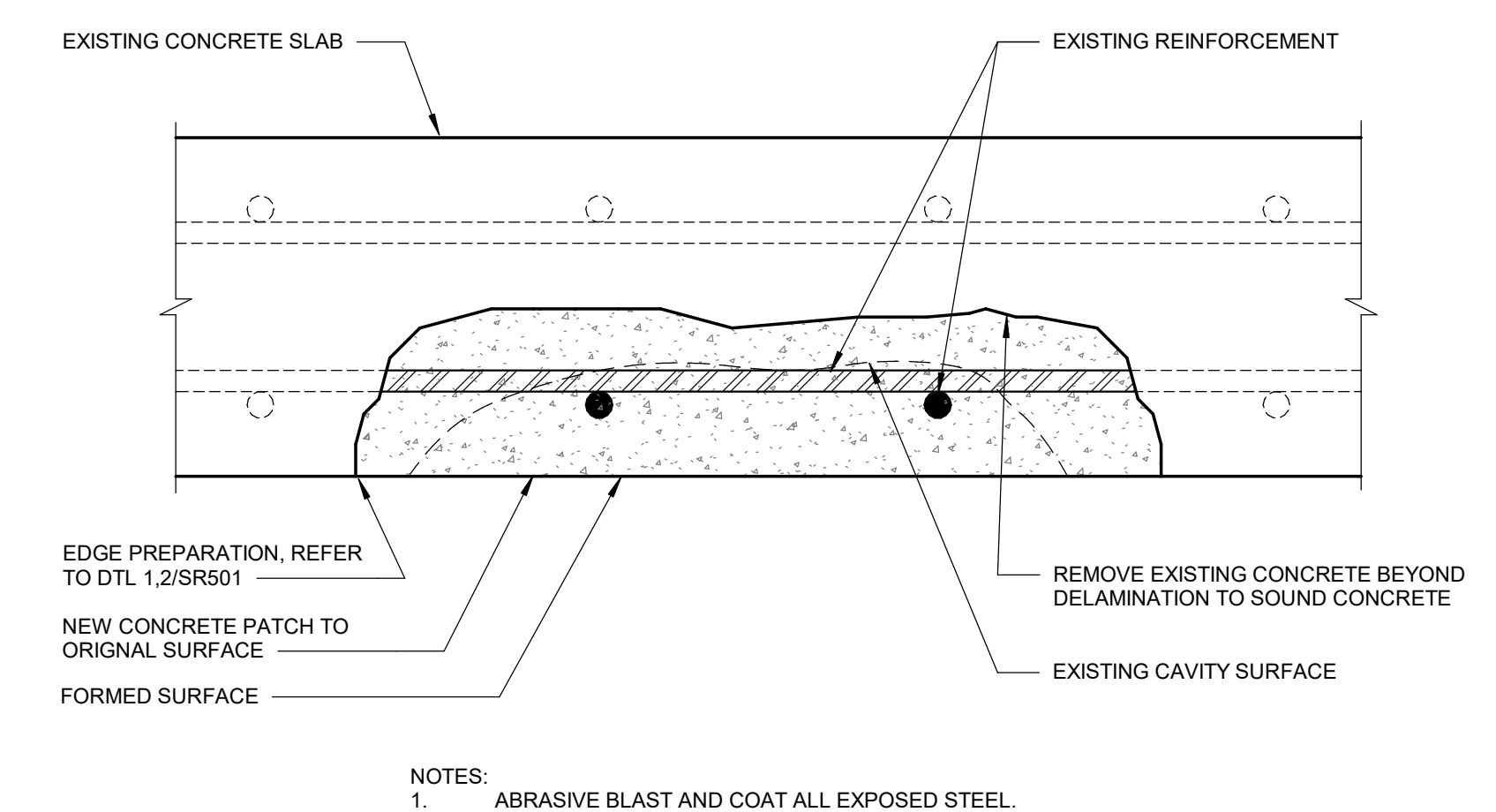
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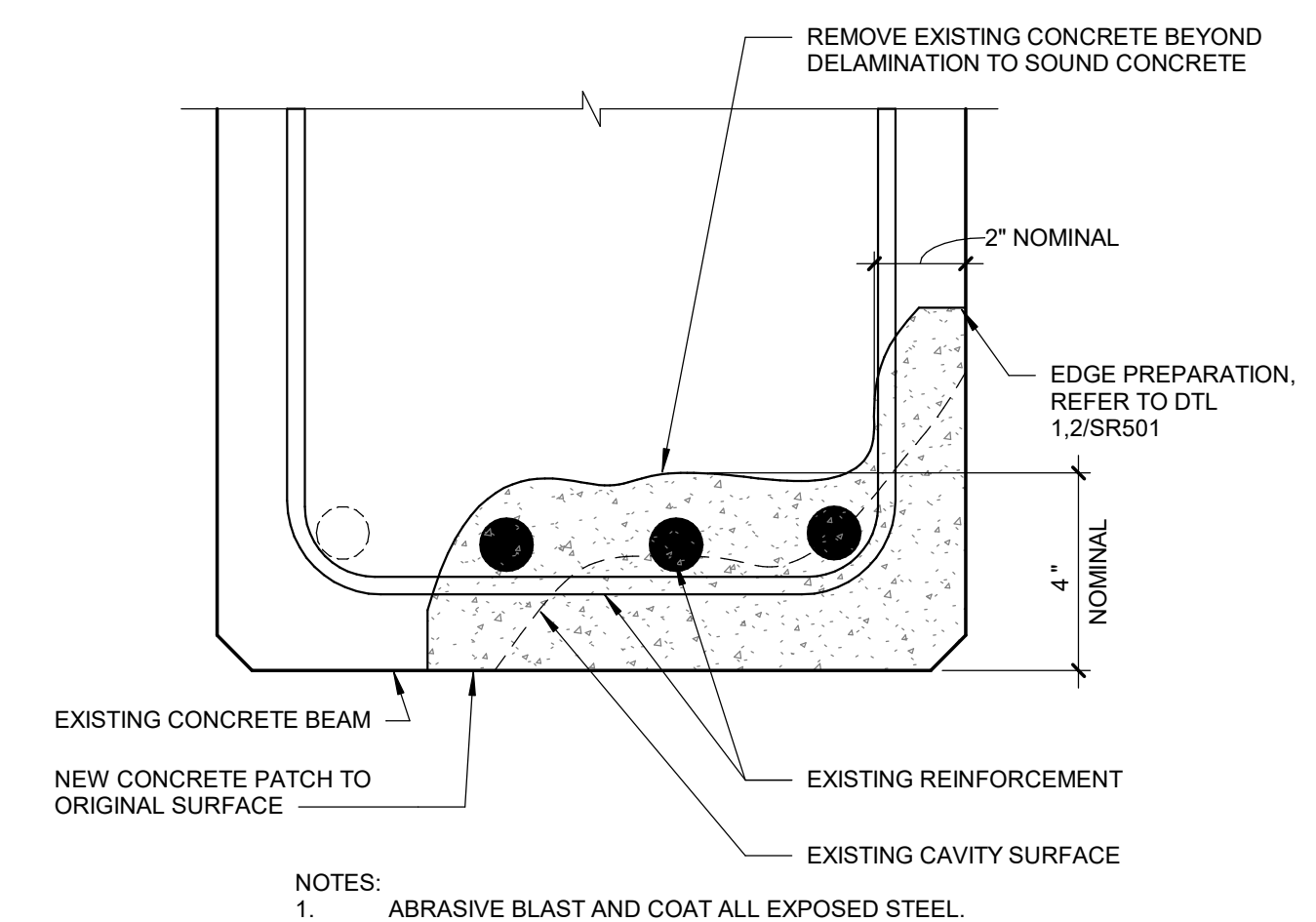
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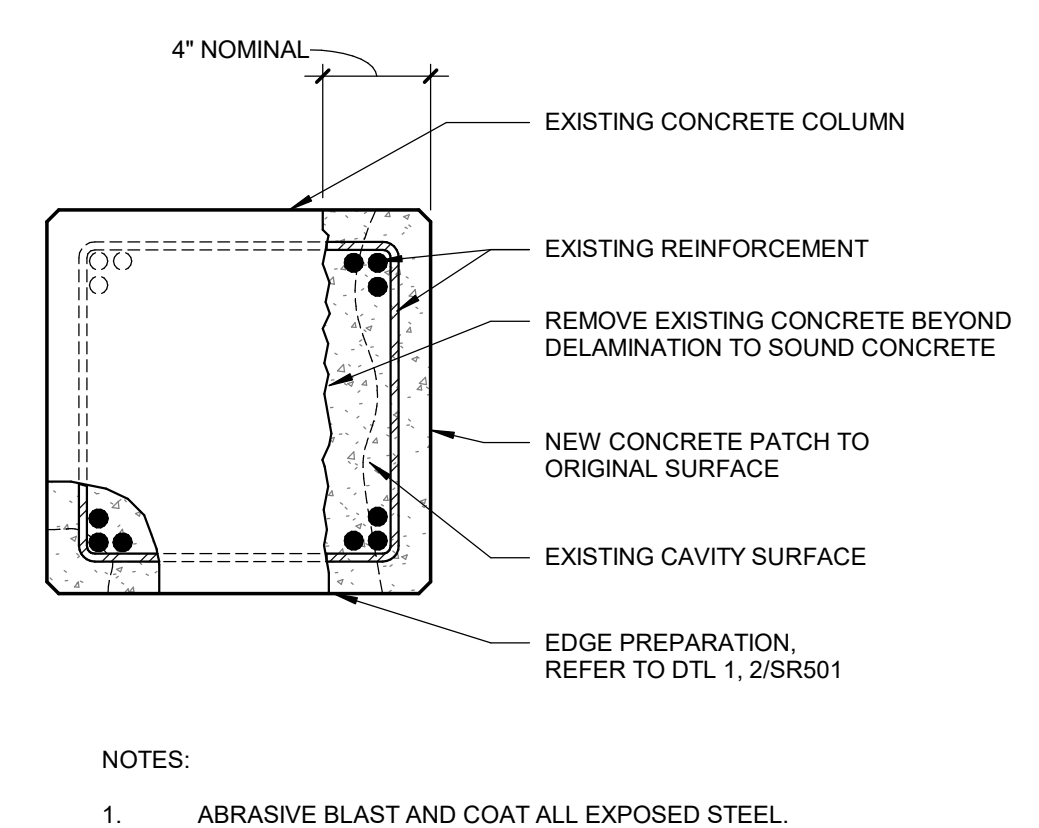
**9 SLAB ON GRADE DETAIL**  
 SCALE: 3/4" = 1'-0"



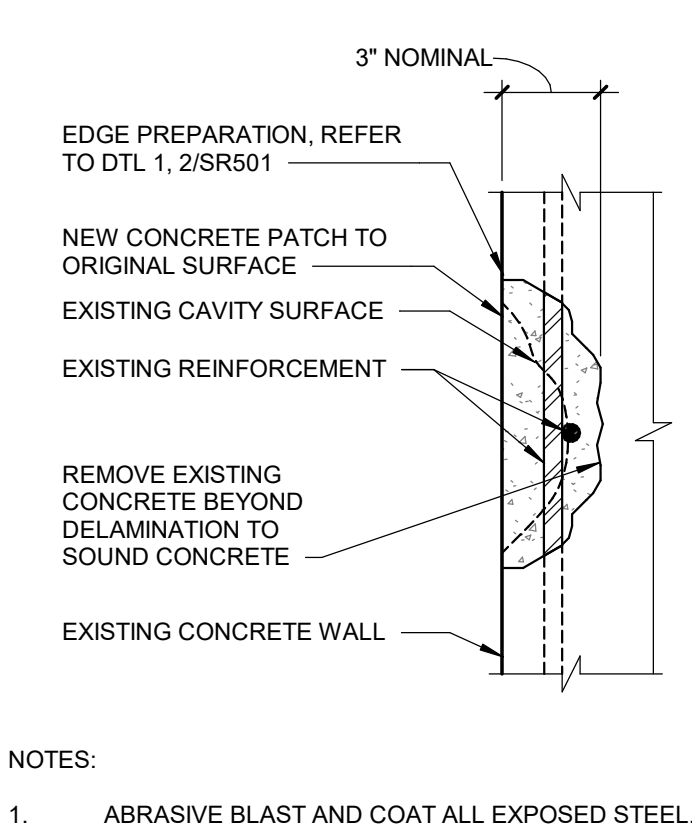
**5 PARTIAL DEPTH SOFFIT DELAMINATION REPAIR**  
 SCALE: 3" = 1'-0"



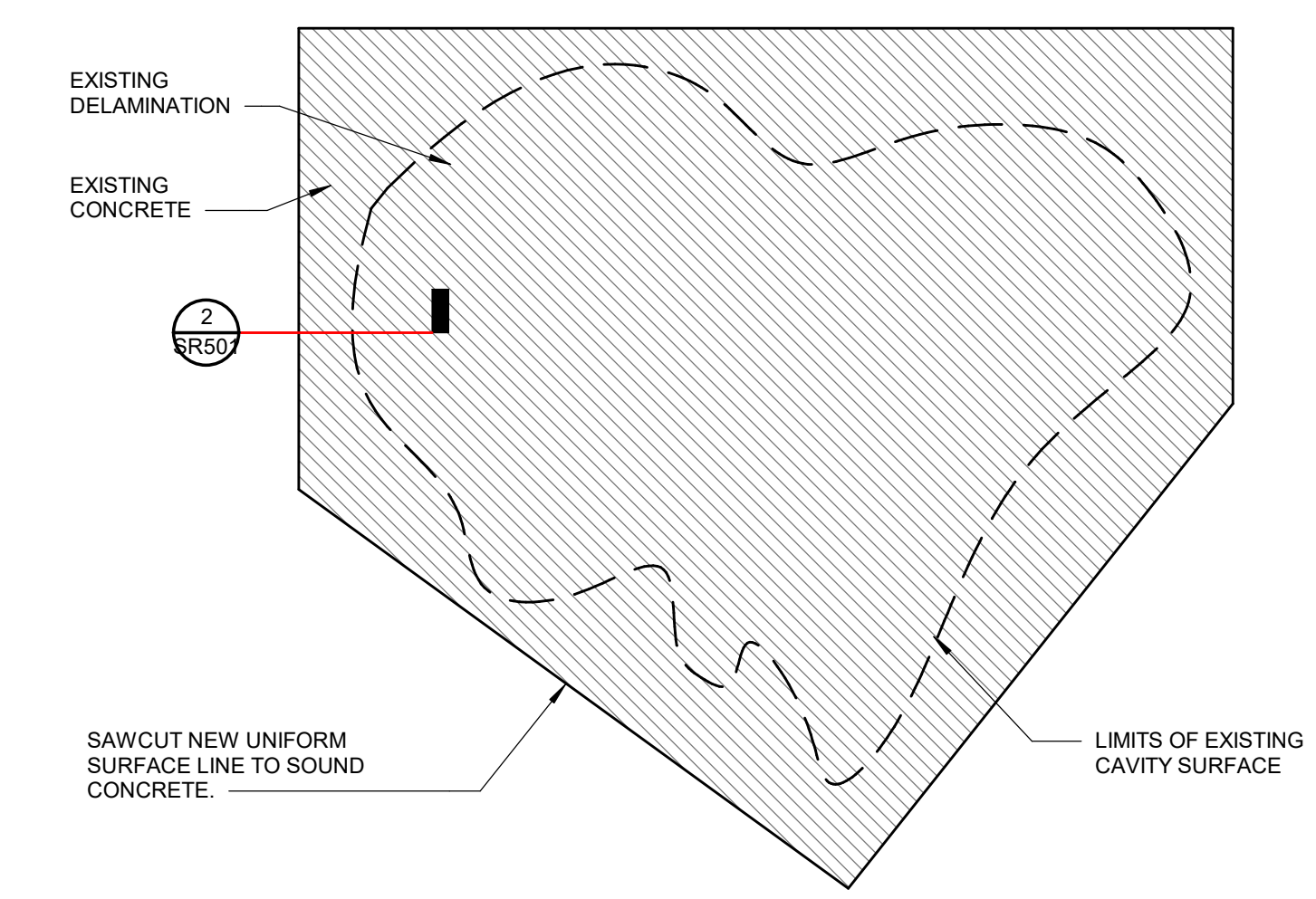
**6 BEAM DELAMINATION REPAIR**  
 SCALE: 3" = 1'-0"



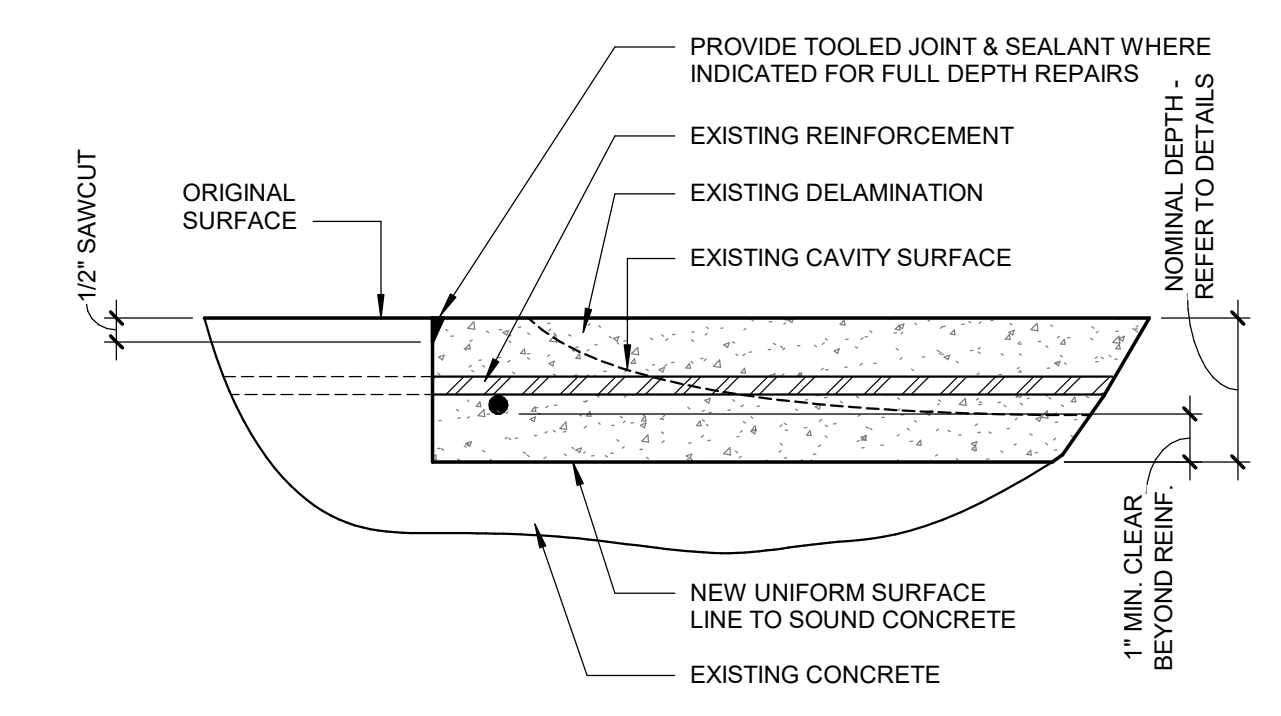
**7 COLUMN DELAMINATION REPAIR**  
 SCALE: 1" = 1'-0"



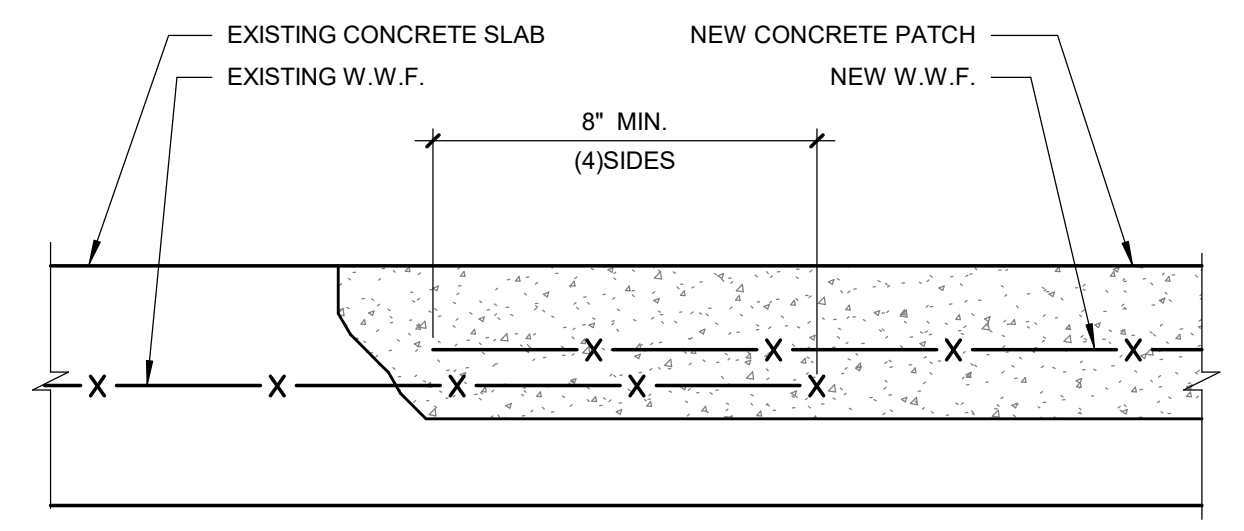
**8 WALL DELAMINATION REPAIR**  
 SCALE: 3" = 1'-0"



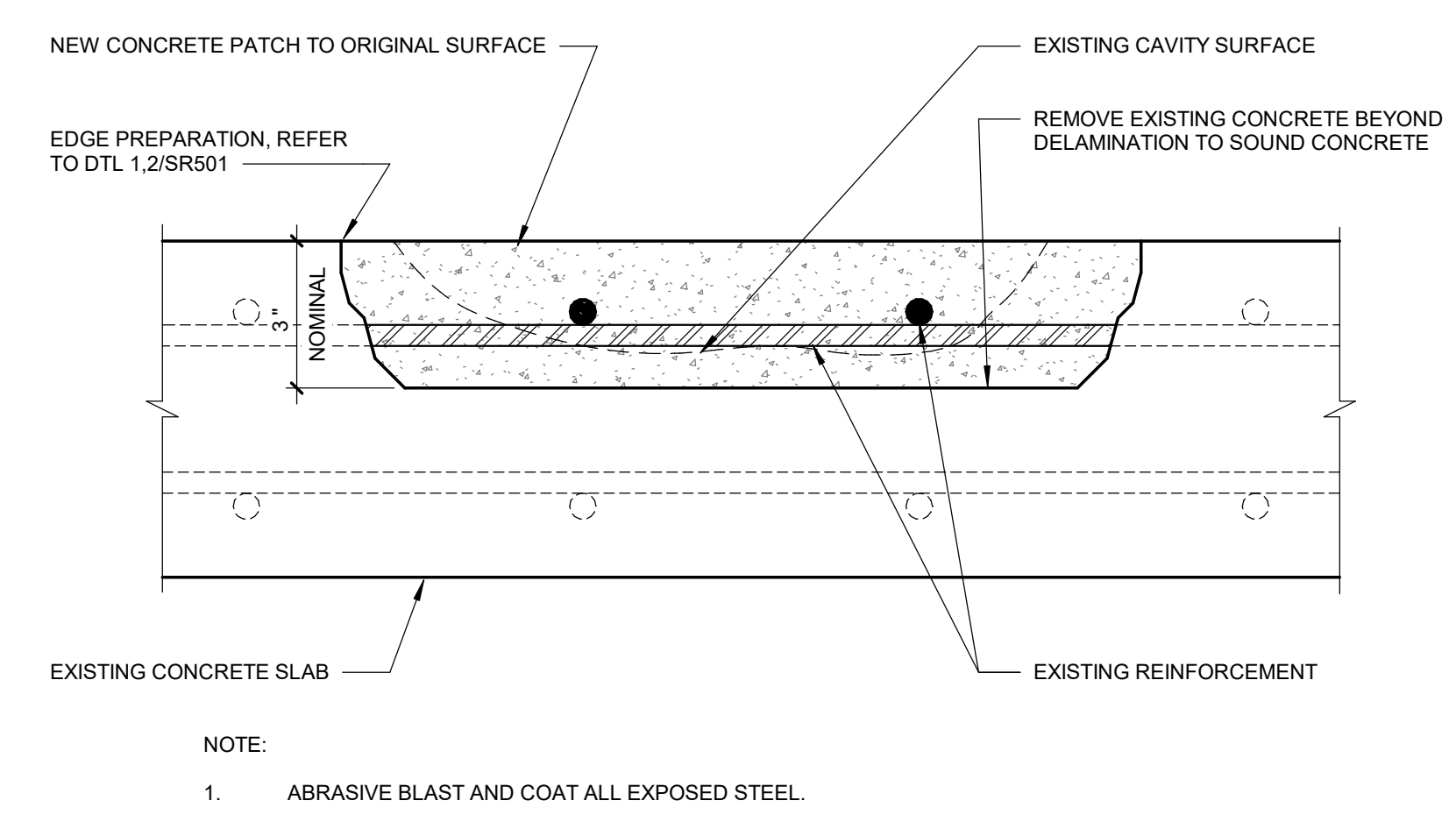
**1 EDGE PREPARATION DETAIL - PLAN VIEW**  
 SCALE: 3" = 1'-0"



**2 EDGE PREPARATION DETAIL**  
 SCALE: 3" = 1'-0"



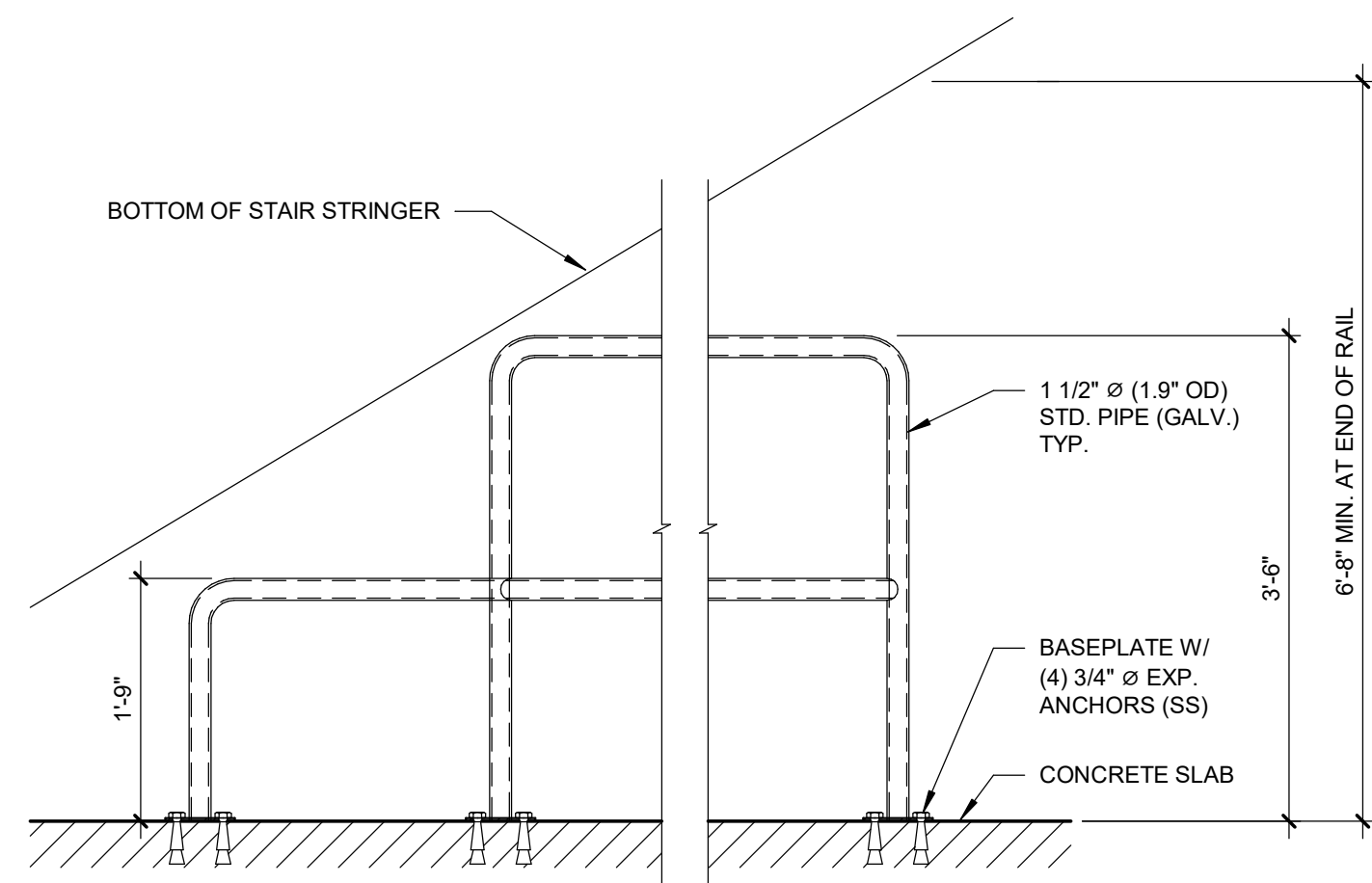
**3 W.W.F. SPLICE DETAIL**  
 SCALE: 3" = 1'-0"



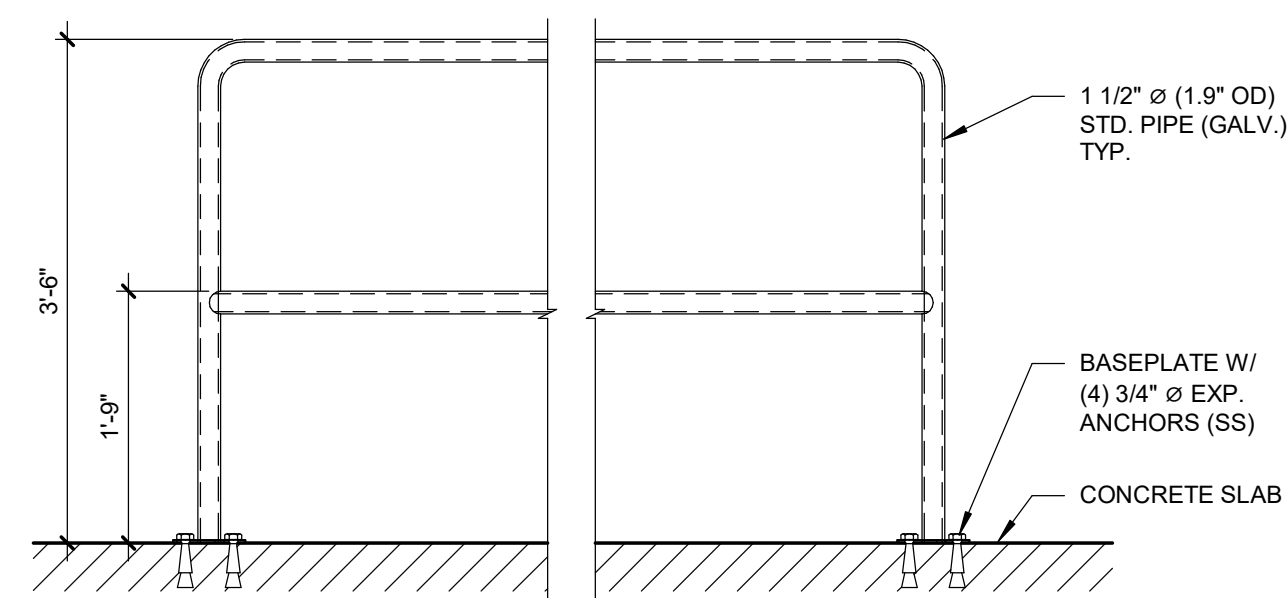
**4 PARTIAL DEPTH FLOOR DELAMINATION REPAIR**  
 SCALE: 3" = 1'-0"

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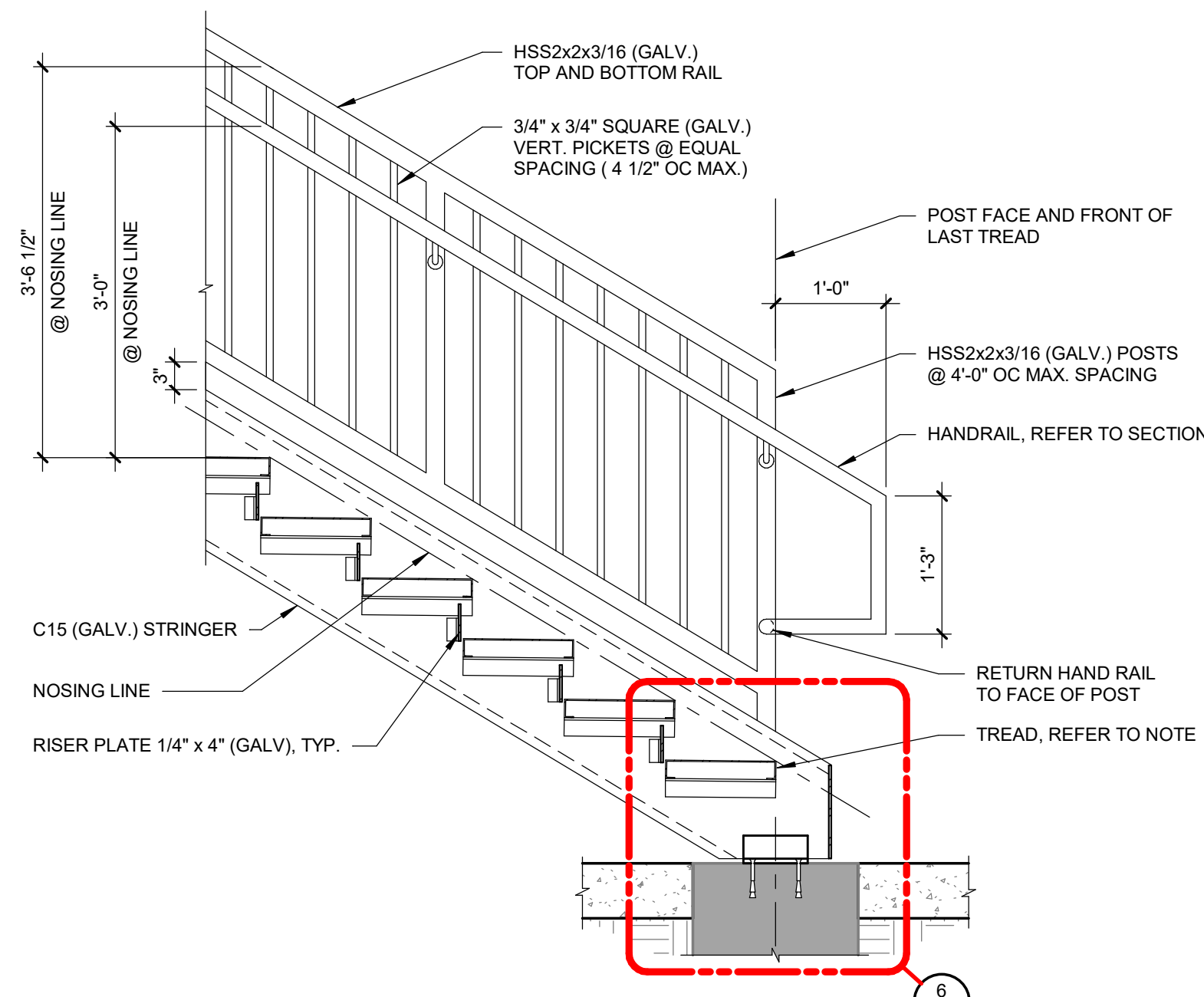




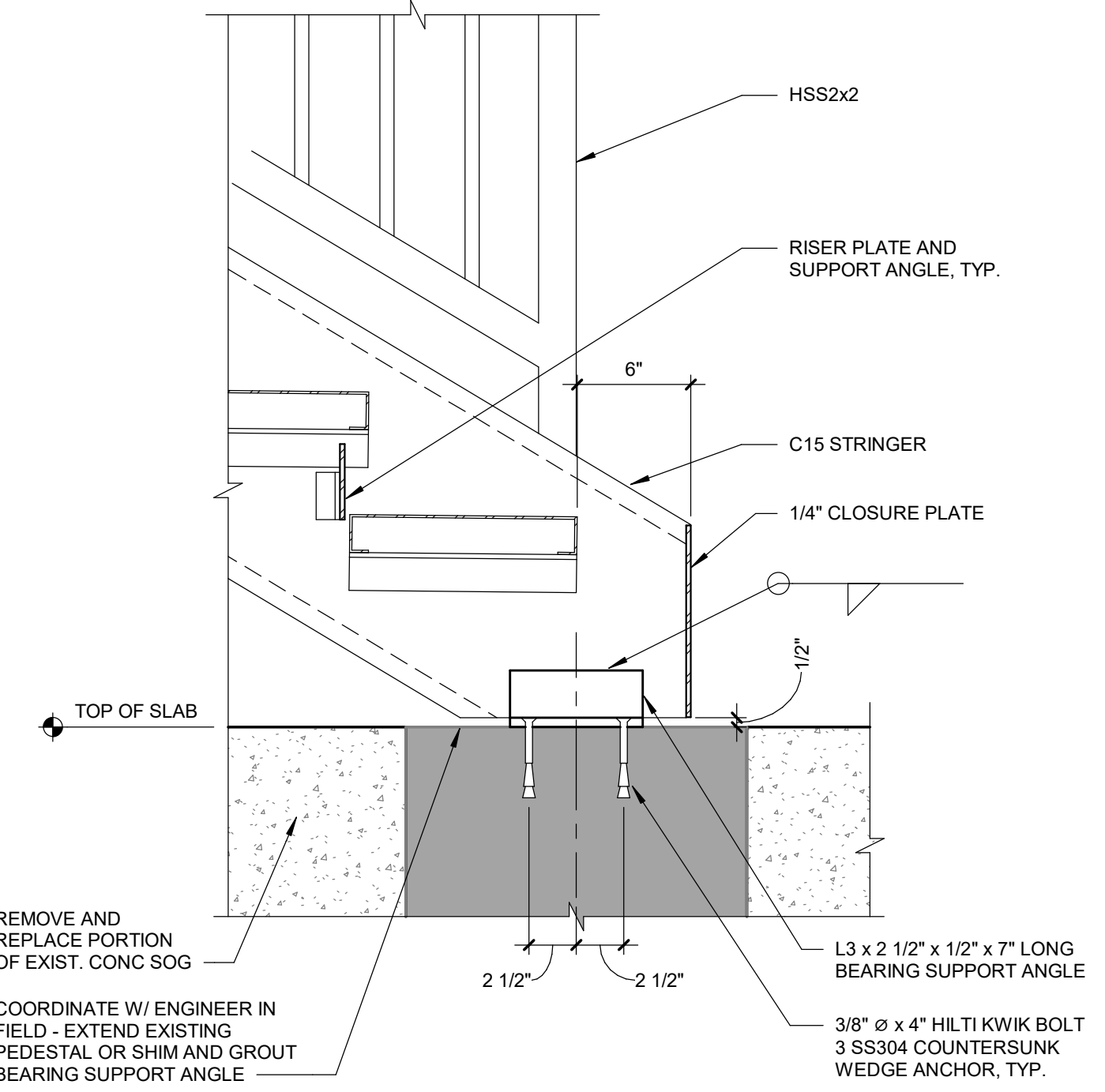
9 RAIL DETAIL  
SCALE: 3/4" = 1'-0"



8 RAIL DETAIL  
SCALE: 3/4" = 1'-0"

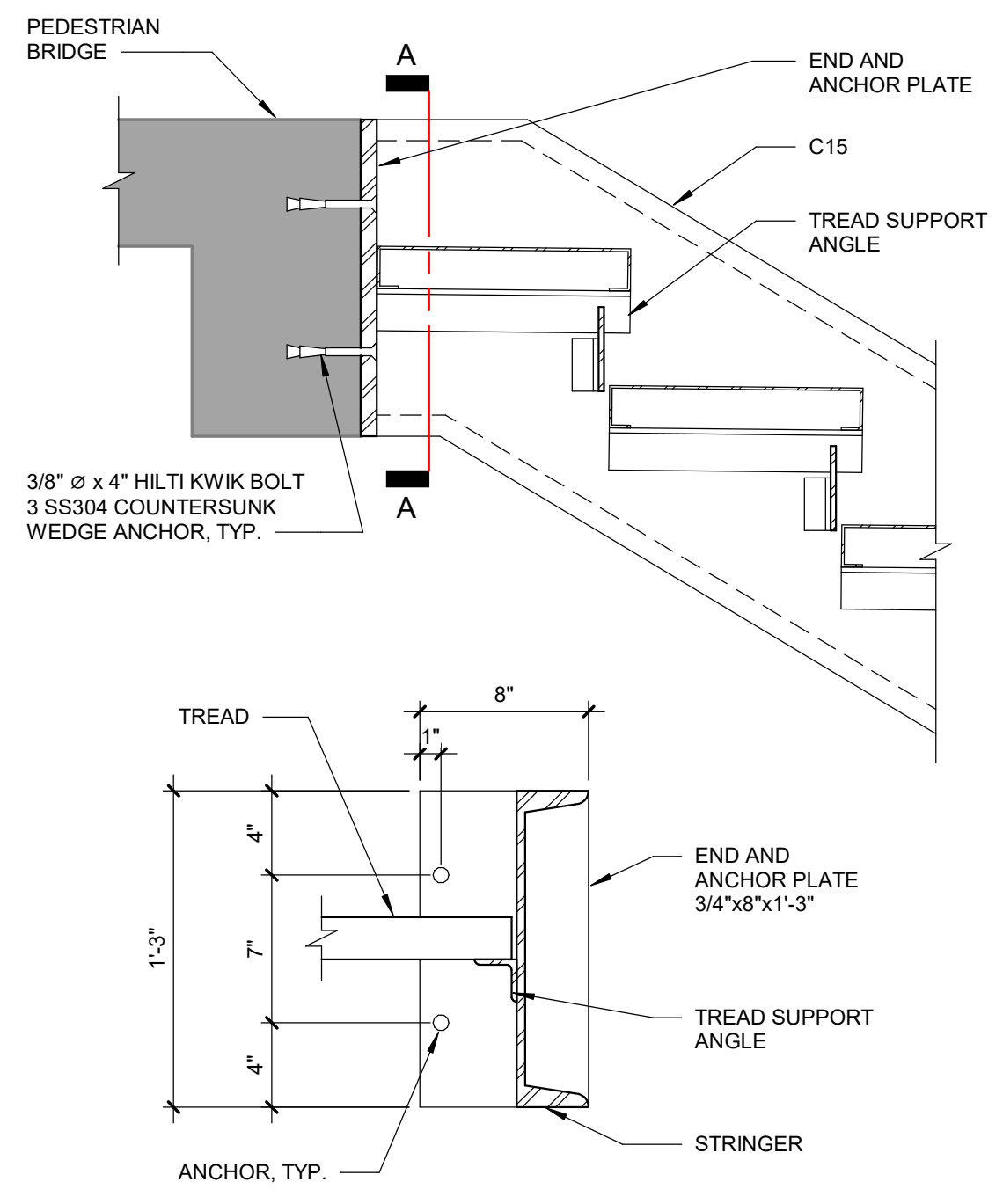


7 STAIR SECTION  
SCALE: 3/4" = 1'-0"

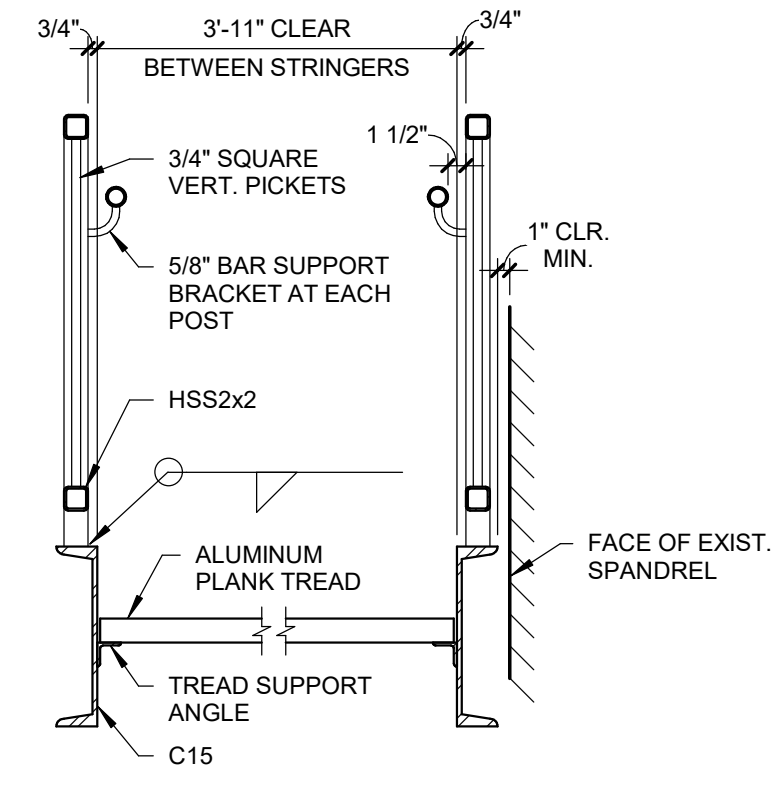


6 STAIR SECTION  
SCALE: 1 1/2" = 1'-0"

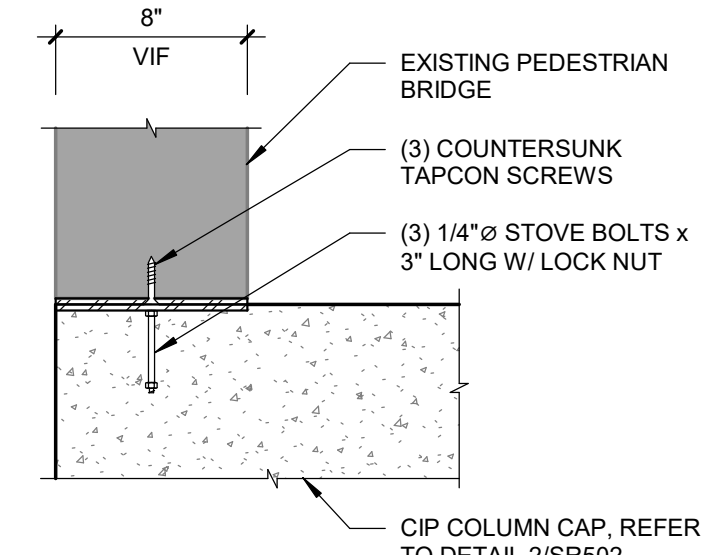
NOTE: STAIR TREADS SHALL BE CONSTRUCTED OF 2" X 12" NOMINAL CHANNEL UNITS, ALUMINUM MATERIAL, MEET ADA REQUIREMENTS, SLIP-RESISTANT SURFACE, AND PERFORATED WITH 4% MINIMUM OPEN AREA. PERFORATIONS SHALL NOT ALLOW PASSAGE OF 1/2" DIAMETER SPHERE. PRODUCT: MCNICHOLS PLANK GRATING, PLANK, TRACTION TREAD (OR APPROVED EQUIVALENT). INSTALL PLANKS WITH 1/8" PER FOOT SLOPE TO DRAIN DOWN TO FRONT.



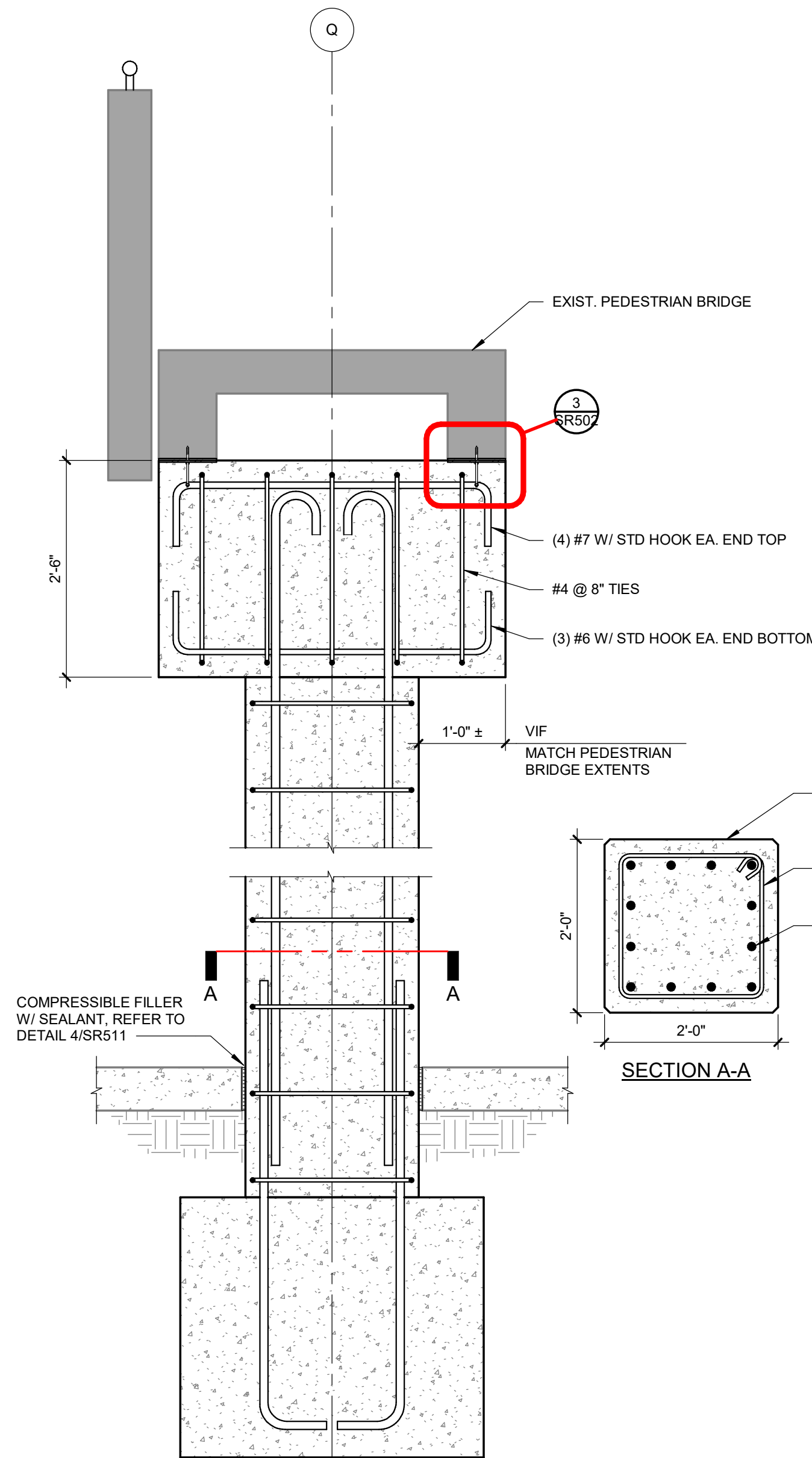
5 STAIR SECTION  
SCALE: 1 1/2" = 1'-0"



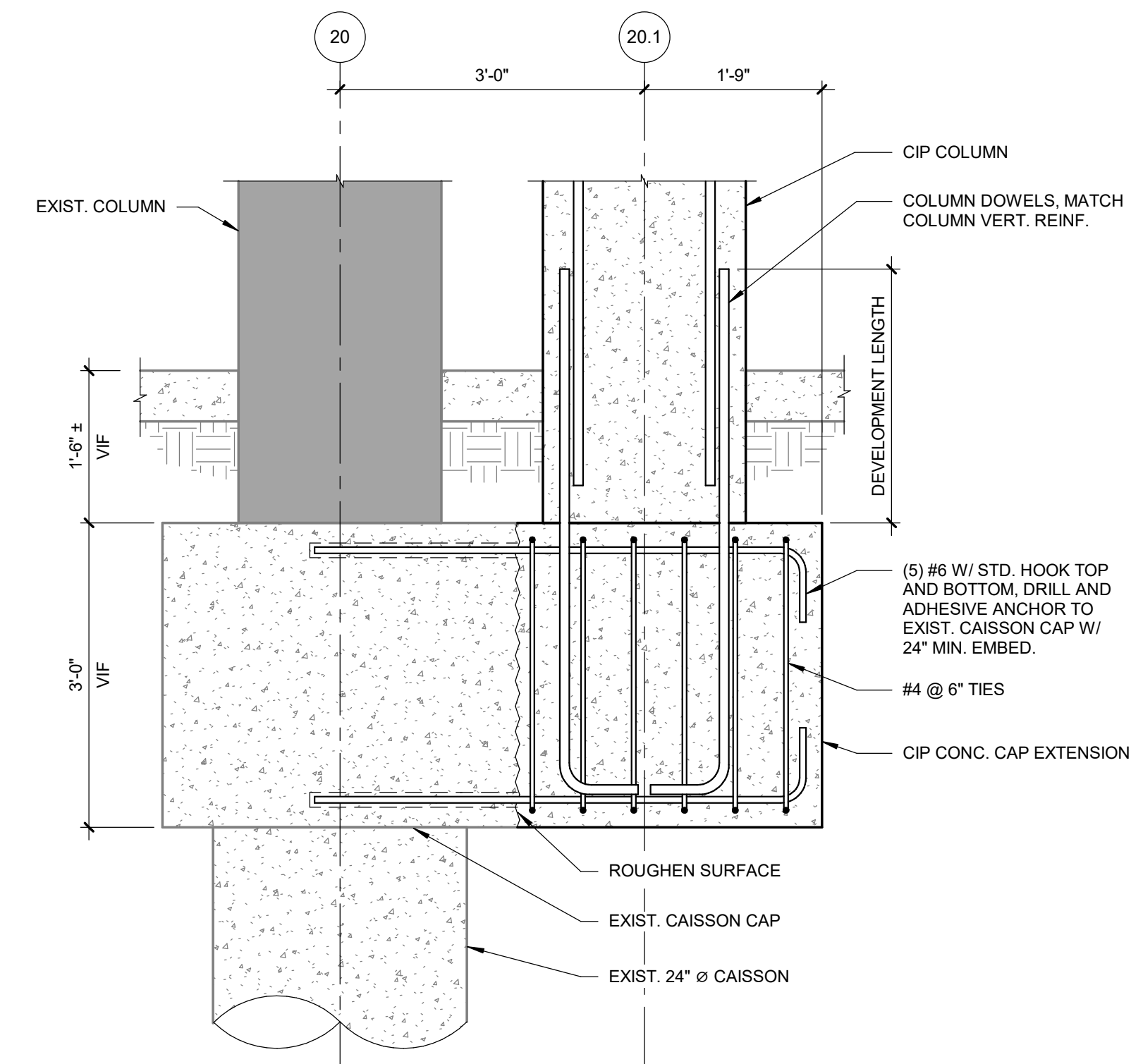
4 STAIR SECTION  
SCALE: 3/4" = 1'-0"



3 SLIDE BEARING DETAIL  
SCALE: 1 1/2" = 1'-0"



2 SECTION  
SCALE: 3/4" = 1'-0"



1 SECTION  
SCALE: 3/4" = 1'-0"

REVISIONS

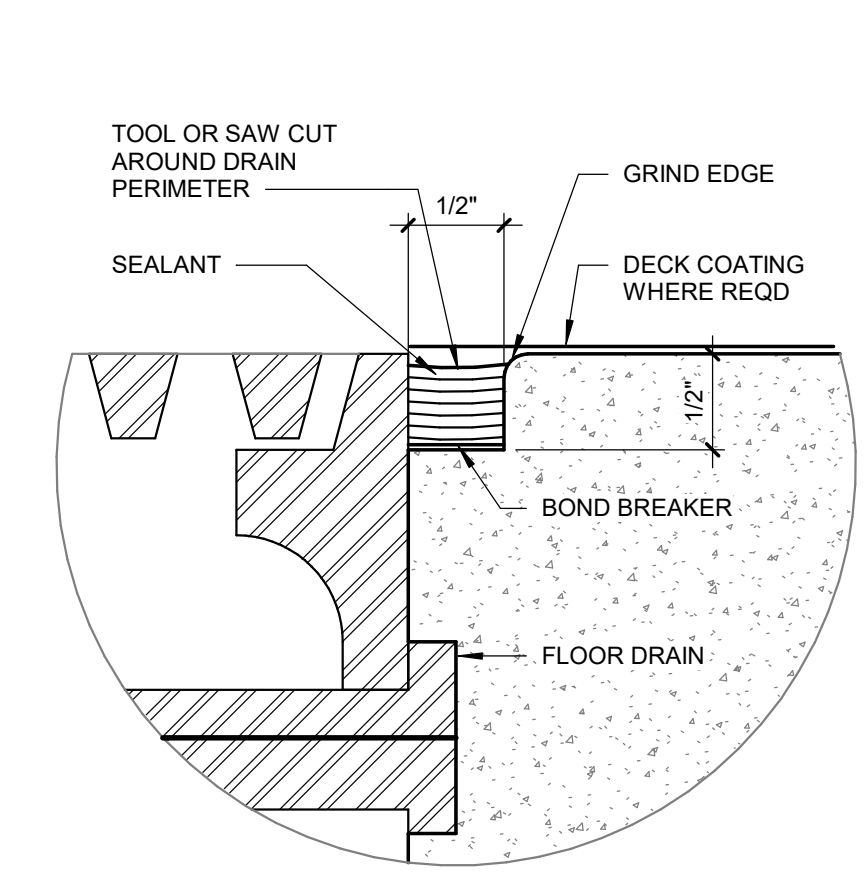
7/22/2022 BIDDING & CONSTRUCTION  
Drawn By DEB  
Designer FGE  
Reviewer JBT  
Manager JBT

Hard copy is intended to be 24"x36" when plotted. Scale(s) indicated and graphic quality may not be accurate for any other size.

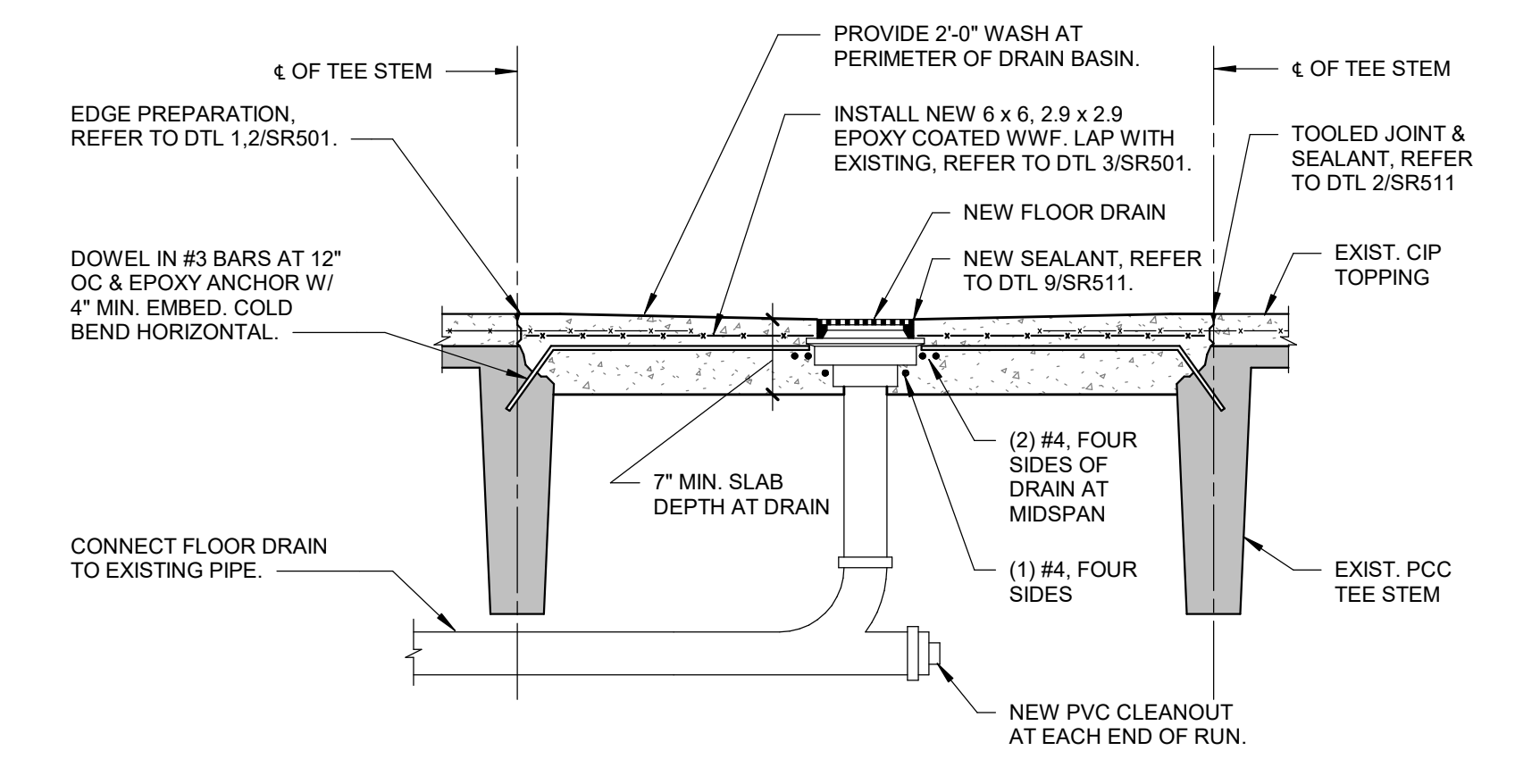
PROJECT NO.  
220597  
SHEET NO.

**SR502**

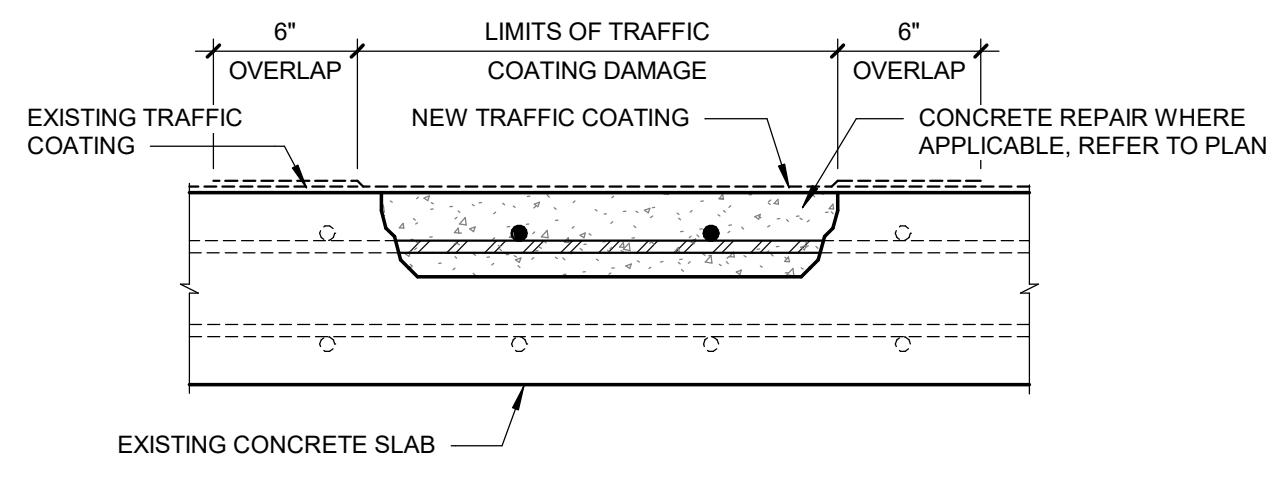
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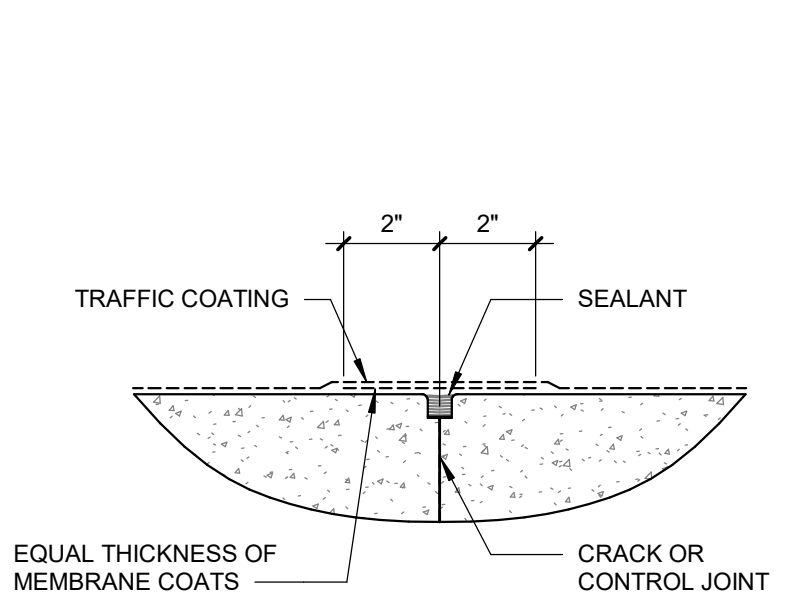
**9 SEALANT DETAIL**  
 SCALE: 12" = 1'-0"



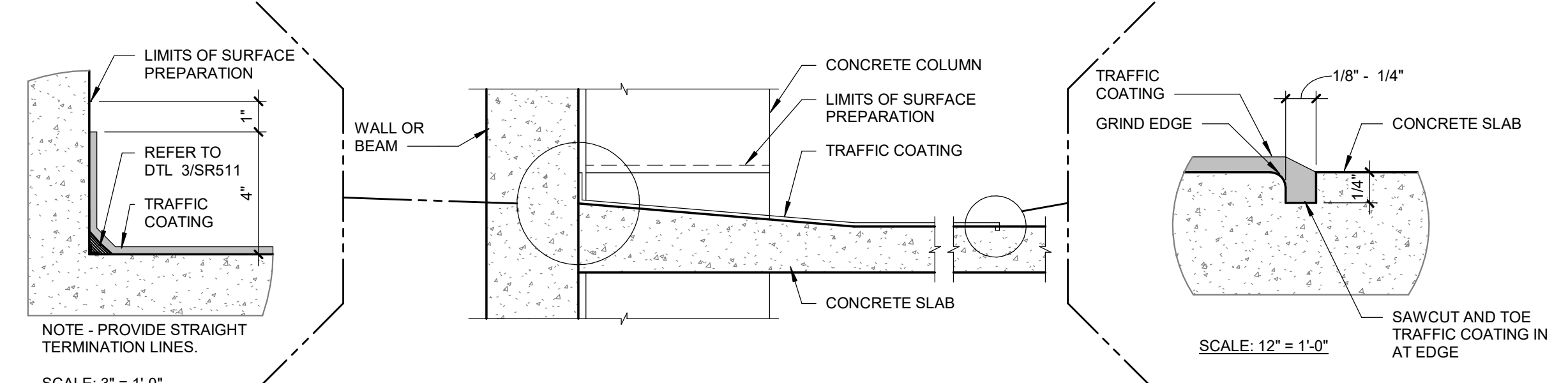
**8 FLOOR DRAIN DETAIL**  
 SCALE: 3/4" = 1'-0"



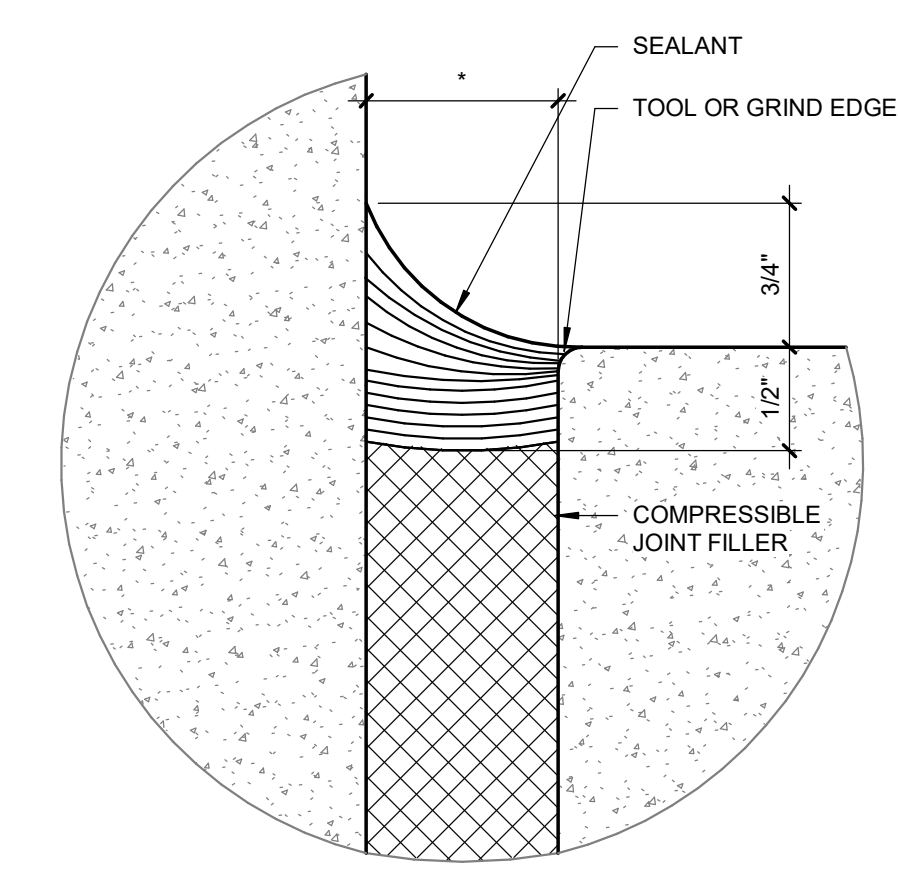
**7 TRAFFIC COATING DETAIL**  
 SCALE: 1 1/2" = 1'-0"



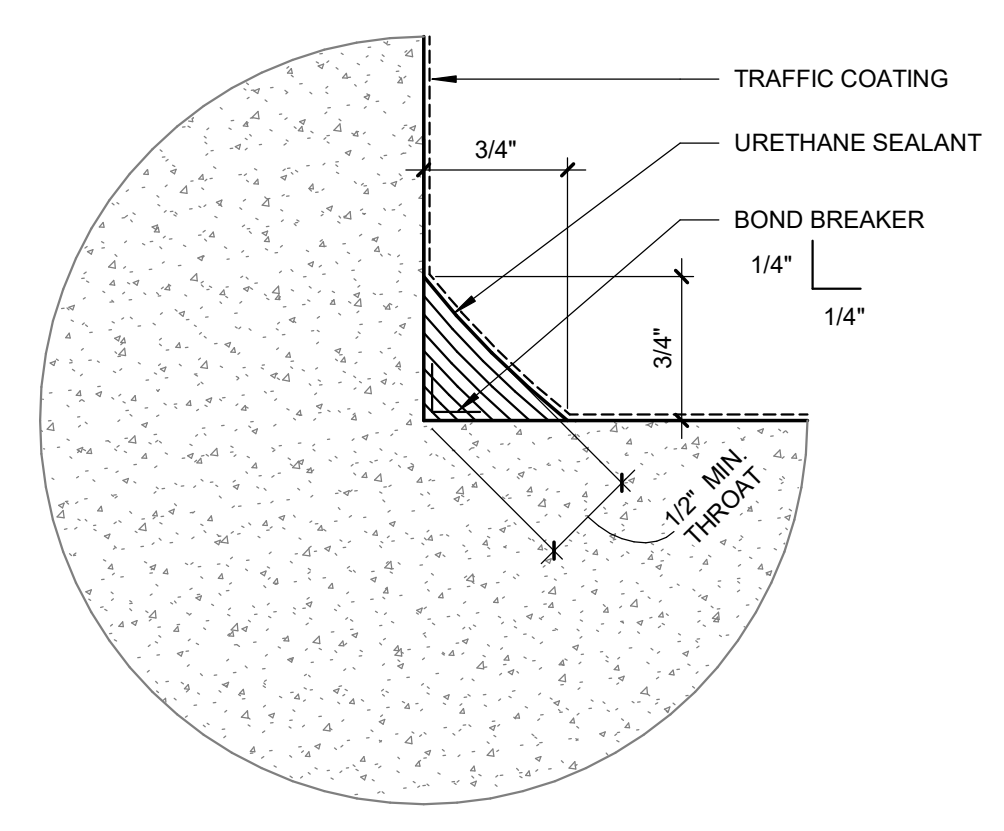
**6 TRAFFIC COATING DETAIL**  
 SCALE: 3" = 1'-0"



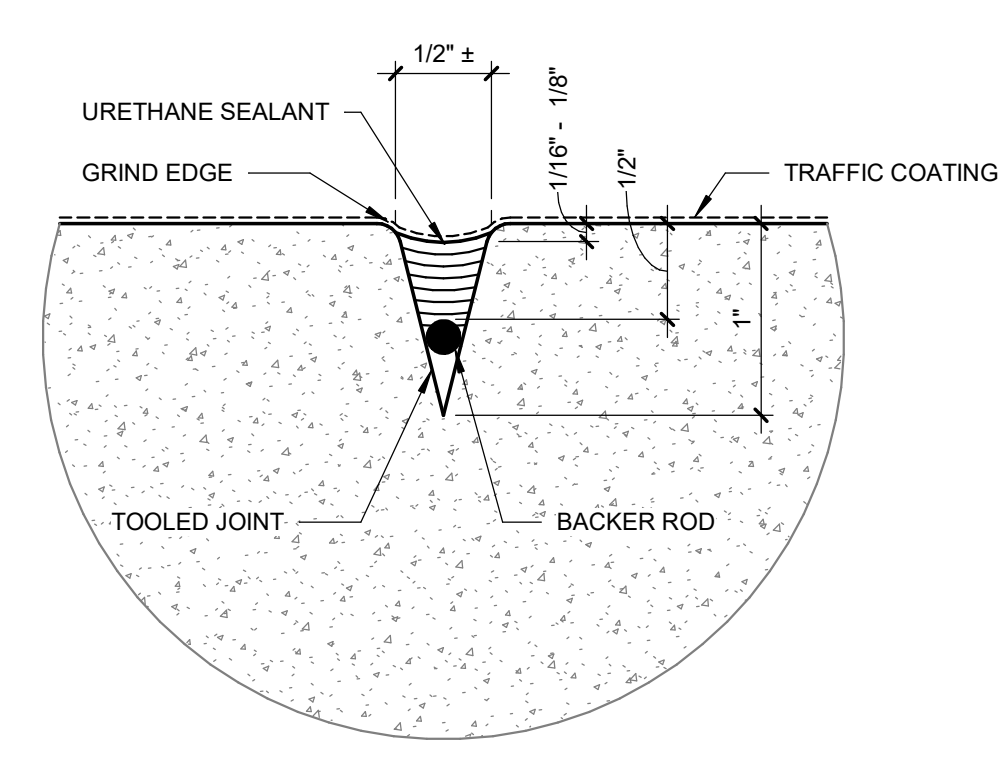
**5 TRAFFIC COATING DETAIL**  
 SCALE: 3/4" = 1'-0"



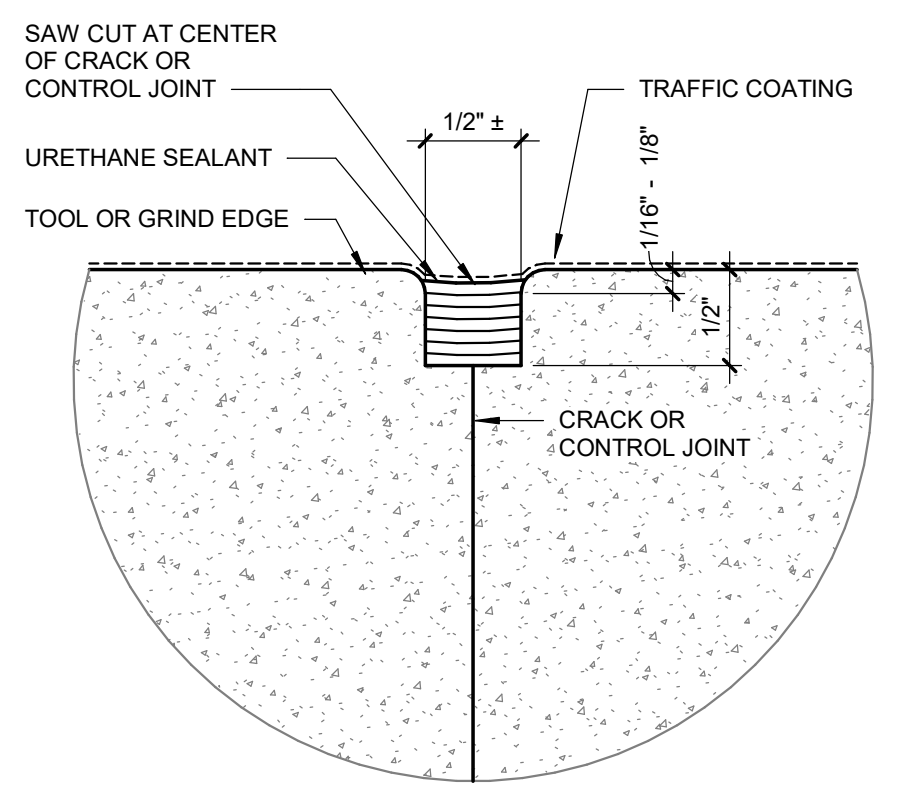
**4 SEALANT DETAIL**  
 SCALE: 12" = 1'-0"



**3 SEALANT DETAIL**  
 SCALE: 12" = 1'-0"



**2 SEALANT DETAIL**  
 SCALE: 12" = 1'-0"



**1 SEALANT DETAIL**  
 SCALE: 12" = 1'-0"

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