

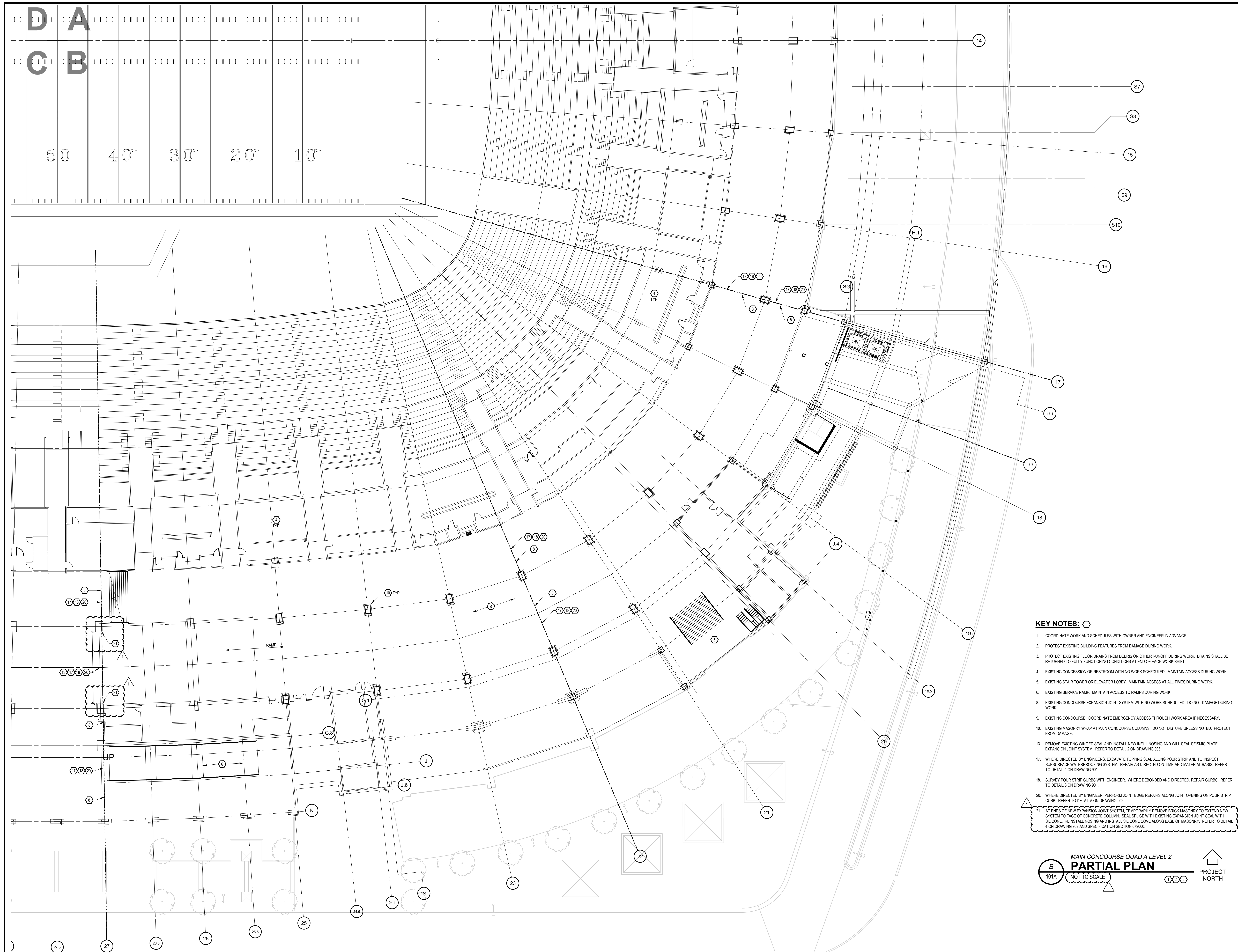
KEY NOTES:

- COORDINATE WORK AND SCHEDULES WITH OWNER AND ENGINEER IN ADVANCE.
- PROTECT EXISTING BUILDING FEATURES FROM DAMAGE DURING WORK.
- PROTECT EXISTING FLOOR DRAINS FROM DEBRIS OR OTHER RUNOFF DURING WORK. DRAINS SHALL BE RETURNED TO FULLY FUNCTIONING CONDITIONS AT END OF EACH WORK SHIFT.
- EXISTING CONCESSION OR RESTROOM WITH NO WORK SCHEDULED. MAINTAIN ACCESS DURING WORK.
- EXISTING STAIR TOWER OR ELEVATOR LOBBY. MAINTAIN ACCESS AT ALL TIMES DURING WORK.
- EXISTING SERVICE RAMP. MAINTAIN ACCESS TO RAMPS DURING WORK.
- EXISTING CONCOURSE EXPANSION JOINT SYSTEM WITH NO WORK SCHEDULED. DO NOT DAMAGE DURING WORK.
- EXISTING CONCOURSE. COORDINATE EMERGENCY ACCESS THROUGH WORK AREA IF NECESSARY.
- EXISTING MASONRY WRAP AT MAIN CONCOURSE COLUMNS. DO NOT DISTURB UNLESS NOTED. PROTECT FROM DAMAGE.
- REMOVE MASONRY WRAP ATOP EXPANSION JOINT TO ACCOMMODATE WORK. REINSTALL AFTER COMPLETION OF NEW EXPANSION JOINT INSTALLATION. REFER TO DETAIL 3 ON DRAWING 903.
- REMOVE EXISTING WINGED SEAL AND INSTALL NEW INFILL NOSING AND EMSEAL SJS EXPANSION JOINT. REFER TO DETAIL 1 ON DRAWING 903.
- REMOVE AND REPLACE EXISTING CONCRETE POUR STRIP AND ADJACENT TOPPING SLAB IN ADVANCE OF NEW EXPANSION JOINT SYSTEM INSTALLATION. REBUILD POUR STRIP, REPAIR SUBSURFACE WATERPROOFING AND RECAST TOPPING SLAB. REFER TO DETAIL 1 ON DRAWING 901.
- EXCAVATE AREA DRAINS, INSPECT AND REPAIR SUBSURFACE WATERPROOFING AND DRAINAGE SYSTEM, AND RECAST TOPPING SLAB. REFER TO DETAIL 5 ON DRAWING 901.
- WHERE DIRECTED BY ENGINEER, EXCAVATE TOPPING SLAB ALONG POUR STRIP AND TO INSPECT SUBSURFACE WATERPROOFING SYSTEM. REPAIR AS DIRECTED ON TIME-AND-MATERIAL BASIS. REFER TO DETAIL 4 ON DRAWING 901.
- SURVEY POUR STRIP CURBS WITH ENGINEER. WHERE DEBONDED AND DIRECTED, REPAIR CURBS. REFER TO DETAIL 3 ON DRAWING 901.
- WHERE DIRECTED BY ENGINEER, PERFORM JOINT EDGE REPAIRS ALONG JOINT OPENING ON POUR STRIP CURB. REFER TO DETAIL 5 ON DRAWING 902.
- AT ENDS OF NEW EXPANSION JOINT SYSTEM, TEMPORARILY REMOVE BRICK MASONRY TO EXTEND NEW SYSTEM TO FACE OF CONCRETE COLUMN. SEAL SPLICE WITH EXISTING EXPANSION JOINT SEAL WITH SILICONE. REINSTALL NOSING AND INSTALL SILICONE COVE ALONG BASE OF MASONRY. REFER TO DETAIL 4 ON DRAWING 902 AND SPECIFICATION SECTION 07600.

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| ISSUES | | |
| ISSUES | | |
| REVISIONS | | |
| 1 | 06/22/2019 | ADDITIONAL NO. 1 |
| DRAWN BY: P.A. Bellman | | |
| ENGINEER: K.R. Dugan | | |
| CHECKED BY: C.W. Przywara | | |
| M&T Bank Stadium Expansion Joints Restoration Trials | | |
| MSA Project No. 19-021 | | |
| DRAWING TITLE: MAIN CONCOURSE QUAD A LEVEL 2 | | |
| JOB NUMBER 18556.00 | | DATE APRIL 2019 |
| DRAWING NUMBER 101A | | |



KEY NOTES:

- COORDINATE WORK AND SCHEDULES WITH OWNER AND ENGINEER IN ADVANCE.
- PROTECT EXISTING BUILDING FEATURES FROM DAMAGE DURING WORK.
- PROTECT EXISTING FLOOR DRAINS FROM DEBRIS OR OTHER RUNOFF DURING WORK. DRAINS SHALL BE RETURNED TO FULLY FUNCTIONING CONDITIONS AT END OF EACH WORK SHIFT.
- EXISTING CONCESSION OR RESTROOM WITH NO WORK SCHEDULED. MAINTAIN ACCESS DURING WORK.
- EXISTING STAIR TOWER OR ELEVATOR LOBBY. MAINTAIN ACCESS AT ALL TIMES DURING WORK.
- EXISTING SERVICE RAMP. MAINTAIN ACCESS TO RAMPS DURING WORK.
- EXISTING CONCOURSE EXPANSION JOINT SYSTEM WITH NO WORK SCHEDULED. DO NOT DAMAGE DURING WORK.
- EXISTING CONCOURSE. COORDINATE EMERGENCY ACCESS THROUGH WORK AREA IF NECESSARY.
- EXISTING MASONRY WRAP AT MAIN CONCOURSE COLUMNS. DO NOT DISTURB UNLESS NOTED. PROTECT FROM DAMAGE.
- REMOVE EXISTING WINGED SEAL AND INSTALL NEW INFILL NOSING AND WILL SEAL SEISMIC PLATE EXPANSION JOINT SYSTEM. REFER TO DETAIL 2 ON DRAWING 903.
- WHERE DIRECTED BY ENGINEERS, EXCAVATE TOPPING SLAB ALONG POUR STRIP AND TO INSPECT SUBSURFACE WATERPROOFING SYSTEM. REPAIR AS DIRECTED ON TIME-AND-MATERIAL BASIS. REFER TO DETAIL 4 ON DRAWING 901.
- SURVEY POUR STRIP CURBS WITH ENGINEER. WHERE DEBONDED AND DIRECTED, REPAIR CURBS. REFER TO DETAIL 3 ON DRAWING 901.
- WHERE DIRECTED BY ENGINEER, PERFORM JOINT EDGE REPAIRS ALONG JOINT OPENING ON POUR STRIP CURB. REFER TO DETAIL 5 ON DRAWING 902.
- AT ENDS OF NEW EXPANSION JOINT SYSTEM, TEMPORARILY REMOVE BRICK MASONRY TO EXTEND NEW SYSTEM TO FACE OF CONCRETE COLUMN. SEAL SPICE WITH EXISTING EXPANSION JOINT SEAL WITH SILICONE. REINSTALL NOSING AND INSTALL SILICONE COVE ALONG BASE OF MASONRY. REFER TO DETAIL 4 ON DRAWING 902 AND SPECIFICATION SECTION 07000.

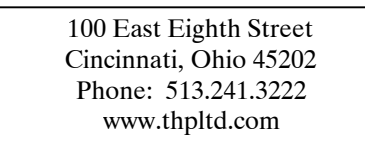
MAIN CONCOURSE QUAD A LEVEL 2
PARTIAL PLAN
NOT TO SCALE



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| ISSUES | | |
| ISSUES | | |
| REVISIONS | | |
| 1 | 06/02/2019 | ADDITIONAL NO. 1 |
| DRAWN BY: P.A. Bellman | | |
| ENGINEER: K.R. Dugan | | |
| CHECKED BY: C.W. Przywara | | |
| M&T Bank Stadium Expansion Joints Restoration Trials | | |
| MSA Project No. 19-021 | | |
| DRAWING TITLE: MAIN CONCOURSE QUAD B LEVEL 2 | | |
| JOB NUMBER 18556.00 | DATE APRIL 2019 | |
| DRAWING NUMBER 101B | | |



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1. COORDINATE WORK AND SCHEDULES WITH OWNER AND ENGINEER IN ADVANCE.

2. PROTECT EXISTING BUILDING FEATURES FROM DAMAGE DURING WORK.
3. PROTECT EXISTING FLOOR DRAINS FROM DEBRIS OR OTHER RUNOFF DURING WORK. DRAINS SHALL BE RETURNED TO FULLY FUNCTIONING CONDITIONS AT END OF EACH WORK SHIFT.
22. WHERE DIRECTED BY ENGINEER, EXCAVATED ILL-DEFINE SUBSURFACE WATERPROOFING TERMINATION DETAIL. AFTER ENGINEER REVIEW, REPAIR. REFERENCE TO DETAIL 6 ON DRAWING 901.

[illegible][illegible][illegible]

DRAWN BY: _____

P.A. Bellm

K. E. Dug

CHECKED BY: C.W. Przywa

M&T Bank Stadium

Expansion Joint

Systems

Systems Repair Package

Repair Package

MSA

Project No. 19-021

DRAWING TITLE

UPPER SUITE LEVEL
CONCOURSE PARTIAL

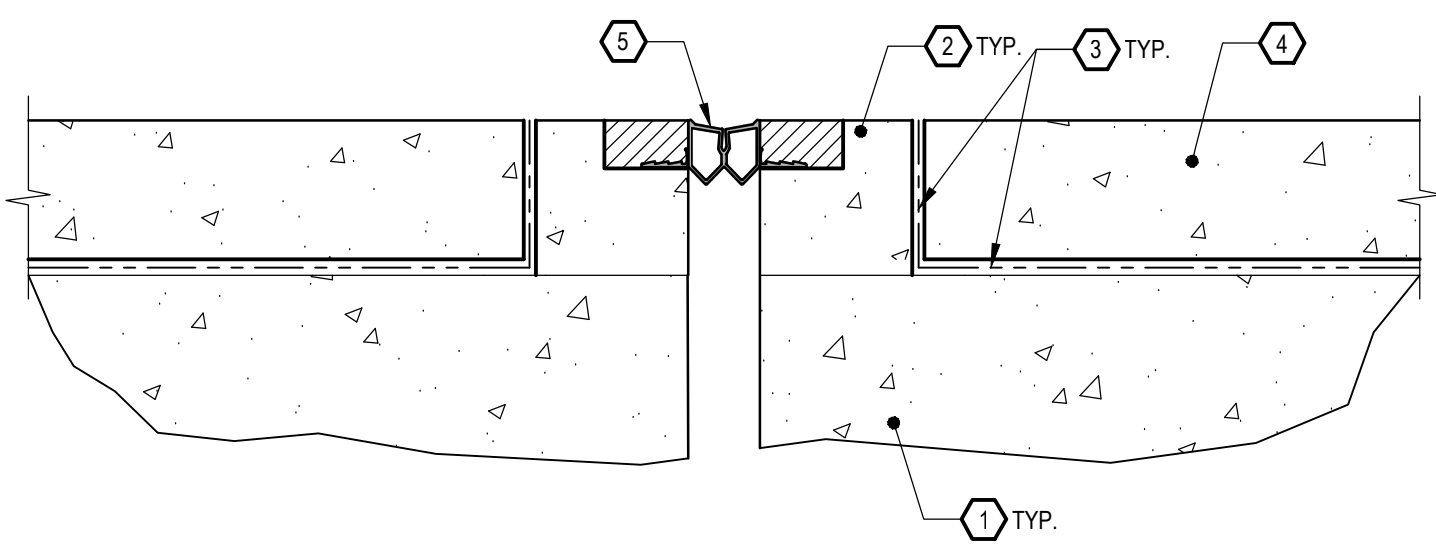
PLANS

0556 00 APRIL 20

8556.00 APRIL 20
DRAWING NUMBER

22

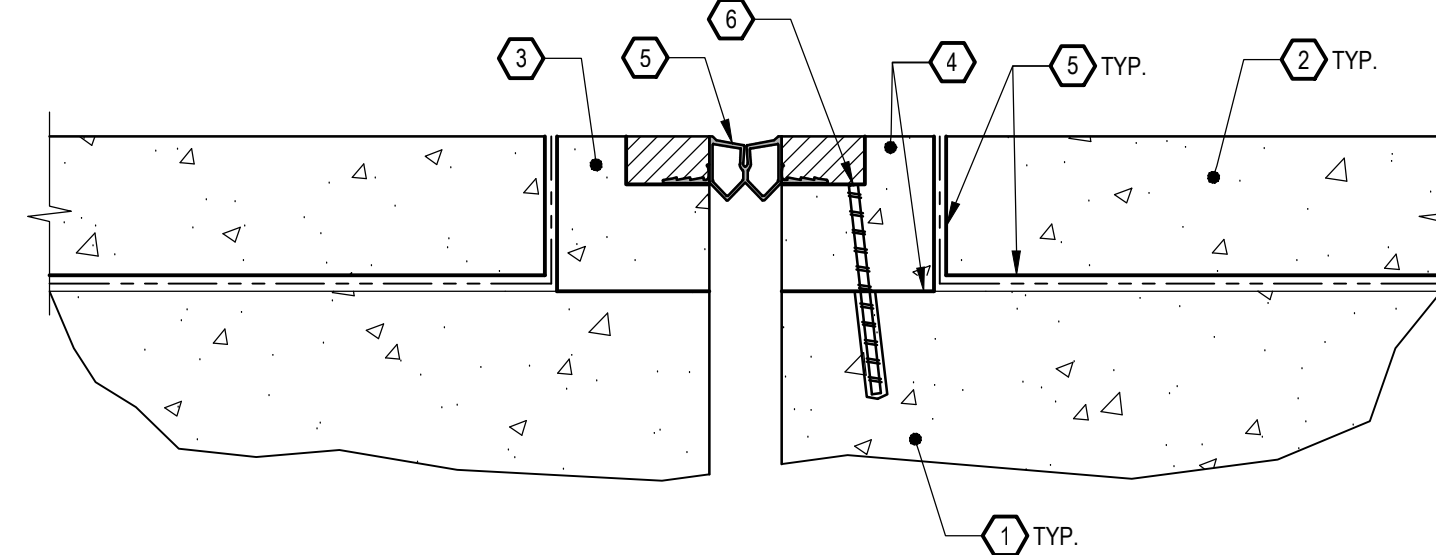
20



- 1 EXISTING STRUCTURAL SLAB.
- 2 EXISTING POUR STRIP CURB ALONG EXPANSION JOINT.
- 3 EXISTING SUBSURFACE WATERPROOFING SYSTEM.
- 4 EXISTING 3\" TO 4\" CONCRETE TOPPING SLAB.
- 5 EXISTING SURFACE WINGED SEAL EXPANSION JOINT SYSTEM.

EXISTING MAIN LEVEL EXPANSION JOINT CONDITIONS

1A
DETAIL
901 NO SCALE

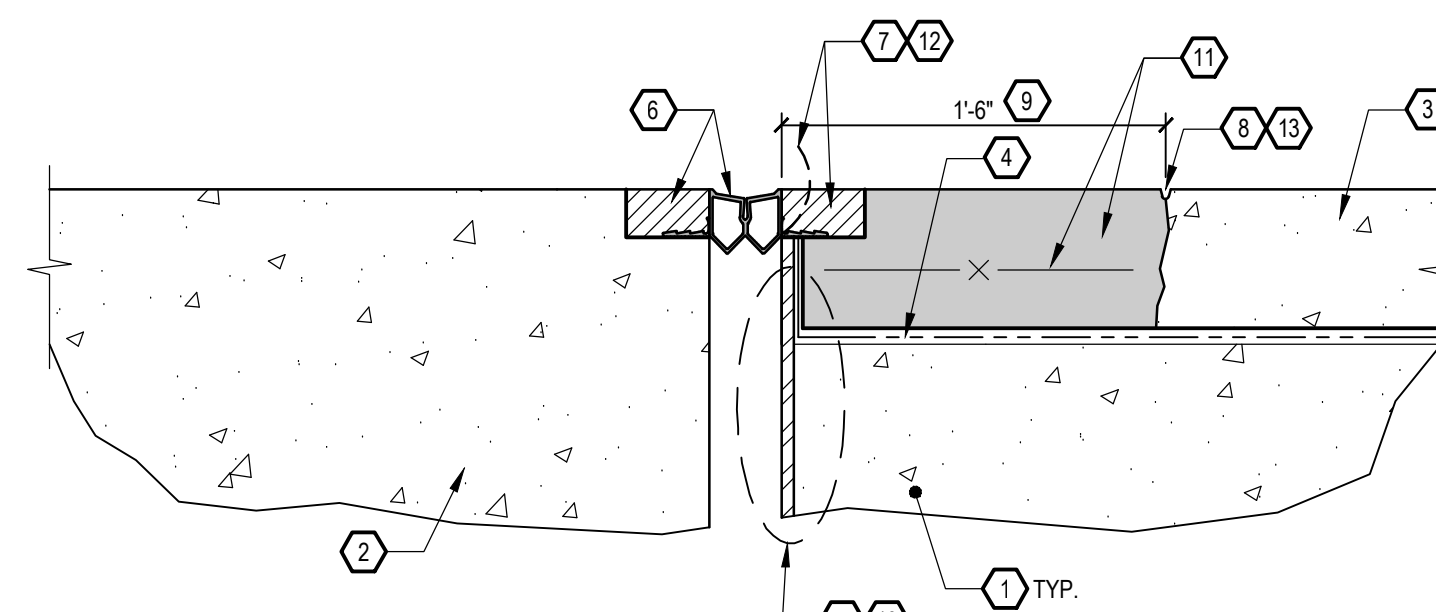


- 1 EXISTING STRUCTURAL SLAB.
- 2 EXISTING TOPPING SLAB.
- 3 EXISTING BONDED POUR STRIP CURB, NO WORK.
- 4 EXISTING DEBONDED POUR STRIP CURB, CONFIRM LOCATIONS WITH ENGINEER.
- 5 EXISTING WINGED SEAL EXPANSION JOINT SYSTEM, REMOVE AND DISCARD.
- 6 DRILL AND EPOXY SET 3/8\" DIAMETER STAINLESS STEEL ALL THREAD RODS AT 1'-0\" CENTERS 3\" DEEP INTO STRUCTURAL SLAB. REFER TO SPECIFICATION 030100.

DEBONDED POUR STRIP CURB REPAIR

3
DETAIL
901 NO SCALE

PAY UNIT PER DRILLED ANCHOR LOCATION

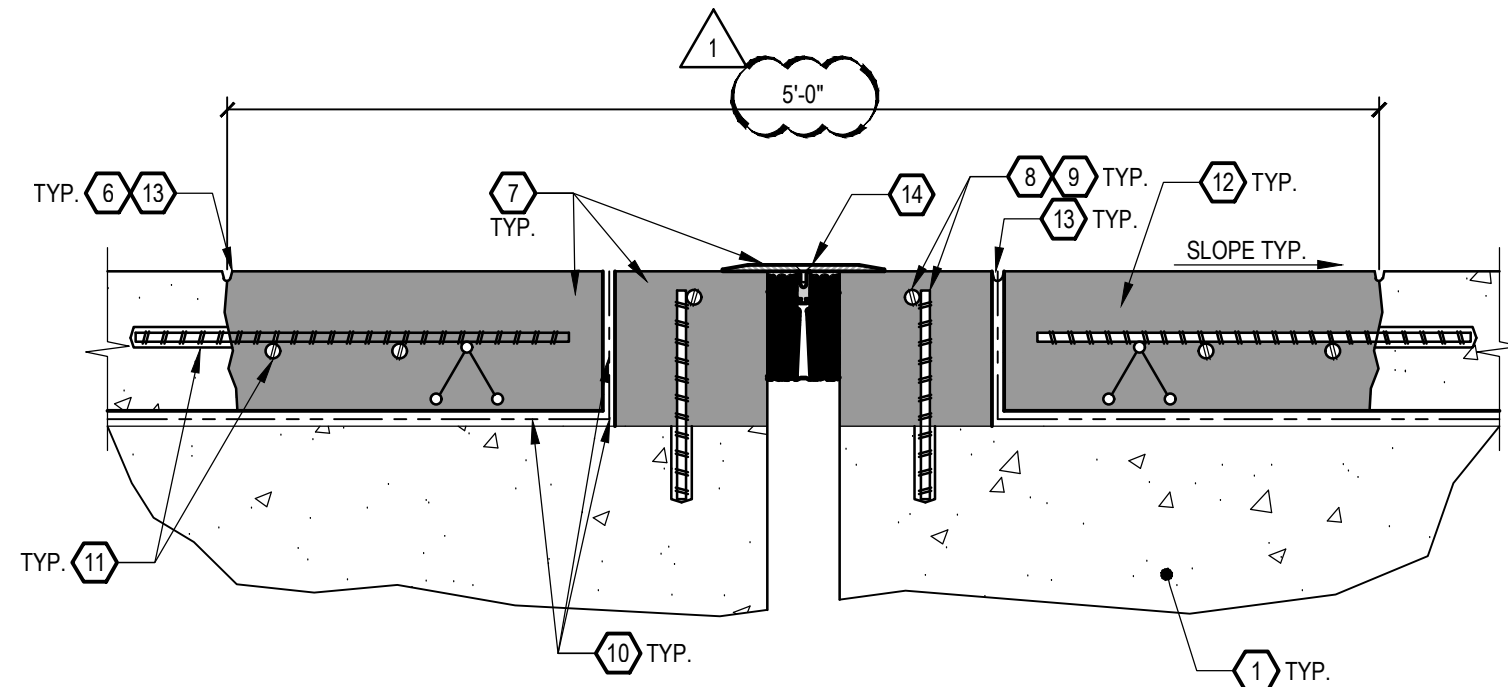


- 1 EXISTING CONCRETE SLAB.
- 2 EXISTING CONCRETE SLAB ON METAL DECK.
- 3 EXISTING 3\" TO 4\" TOPPING SLAB.
- 4 EXISTING SUBSURFACE WATERPROOFING SYSTEM.
- 5 ILL-DEFINED TERMINATION DETAIL TO BE VERIFIED.
- 6 EXISTING SURFACE WINGED SEAL EXPANSION JOINT SYSTEM.
- 7 CAREFULLY CHIP/REMOVE 2'-0\" LENGTH OF NOSING WITHOUT DAMAGING WING OF EXISTING SLAB. PULL WING UP AND OUT OF WORK AREA.
- 8 1/2\" DEEP SAWCUT PARALLEL TO EXPANSION JOINT 4'-0\" LONG CENTERED AT THE NOSING REMOVAL PER NOTE 7.
- 9 REMOVE AND DISCARD TOPPING SLAB.
- 10 EXPOSE DETAIL FOR ENGINEER REVIEW, PERFORM ANY DIRECTED SUBSURFACE WATERPROOFING SYSTEM REPAIRS ON T&M BASIS. REFER TO SPECIFICATION SECTION 071400.
- 11 PROVIDE MESH REINFORCING AND NEW CONCRETE PATCH MATERIAL TYPE A OR C. REFER TO SPECIFICATION SECTION 030100.
- 12 AFTER ADEQUATE WIRE OF NEW CONCRETE PATCH MATERIAL, REINSTALL WING AND NOSING. REFER TO SPECIFICATION SECTION 078000.
- 13 AFTER ADEQUATE CURE OF NEW CONCRETE PATCH MATERIAL, PREPARE AND PROVIDE SEALANT. REFER TO DETAIL 6, DRAWING 902.

UPPER SUITE LEVEL CONCOURSE SUBSURFACE WATERPROOFING SYSTEM EXCAVATION

6
DETAIL
901 NO SCALE

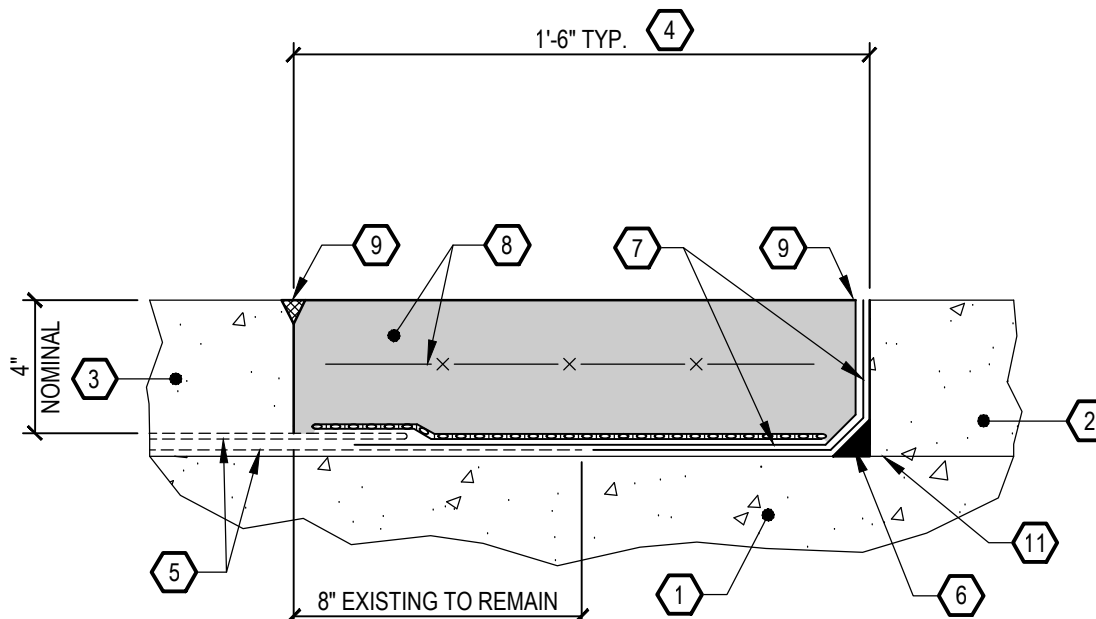
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- 1 1/2\" DEEP SAWCUT PARALLEL TO EXPANSION JOINT.
- 2 REMOVE EXISTING TOPPING SLAB, POUR STRIP CURB AND SURFACE EXPANSION JOINT SYSTEM AND DISCARD. CONFIRM AMOUNT OF POUR STRIP REMOVAL ABOVE AND BELOW EXPANSION JOINT WITH ENGINEER IN ADVANCE.
- 3 DRILL AND EPOXY SET 3/8\" DIAMETER STAINLESS STEEL ALL THREAD RODS AT 1'-0\" CENTERS 3\" DEEP INTO STRUCTURAL SLAB. WIRE A CONTINUOUS #4 EPOXY COATED REBAR TO ALL THREAD WITH 1 1/2\" COVER TO SURFACE. REFER TO SPECIFICATION SECTION 030100.
- 4 FORM AND CAST NEW POUR STRIP CURB. REFER TO SPECIFICATION SECTION 030100.
- 5 REPLACE EXISTING SUBSURFACE WATERPROOFING SYSTEM. INSTALL NEW WATERPROOFING SYSTEM TURN UP WITH COVE AT HORIZONTAL TO VERTICAL TRANSITION AFTER NEW POUR STRIP IS FULLY CURED. REFER TO DETAIL 4 ON DRAWING 901.
- 6 DRILL 4\" DEEP HOLES IN TOPPING SLAB AT 1'-6\" CENTERS AT EACH SIDE OF EXCAVATION. CLEAN OUT HOLE AND SET 2'-0\" LONG #4 REBAR IN HOLE WITH EPOXY. WIRE TWO (2) TRANSVERSE #4 REBAR TO UNDERSIDE OF DOWELS. REFER TO SPECIFICATION SECTION 030100.
- 7 PREPARE SURFACES AND PROVIDE REPLACEMENT CONCRETE. REFER TO SPECIFICATION SECTION 030100. SLOPE CONCRETE SLIGHTLY AWAY FROM EXPANSION JOINT OPENING. TOOL TRANSVERSE JOINTS AT 4'-0\" CENTERS, IN ALIGNMENT ON BOTH SIDES OF EXPANSION JOINT. PROVIDE BLOCKOUT FOR NEW SURFACE EXPANSION JOINT SYSTEM.
- 8 TOOL JOINT AT PERIMETER OF CONCRETE. AFTER ADEQUATE CURE OF NEW CONCRETE, PREPARE SURFACES AND PROVIDE NEW SEALANT. REFER TO DETAIL 6, DRAWING 902.
- 9 AFTER ADEQUATE CURE, REMOVE BLOCKOUT FORMING MATERIAL, SANDBLAST BLOCKOUT AND INSTALL NEW EMSEAL SJ5 EXPANSION JOINT SYSTEM. REFER TO DETAIL 1, DRAWING 903.

MAIN CONCOURSE POUR STRIP CURB AND TOPPING SLAB REPAIR AT EXPANSION JOINT

1B
DETAIL
901 NO SCALE

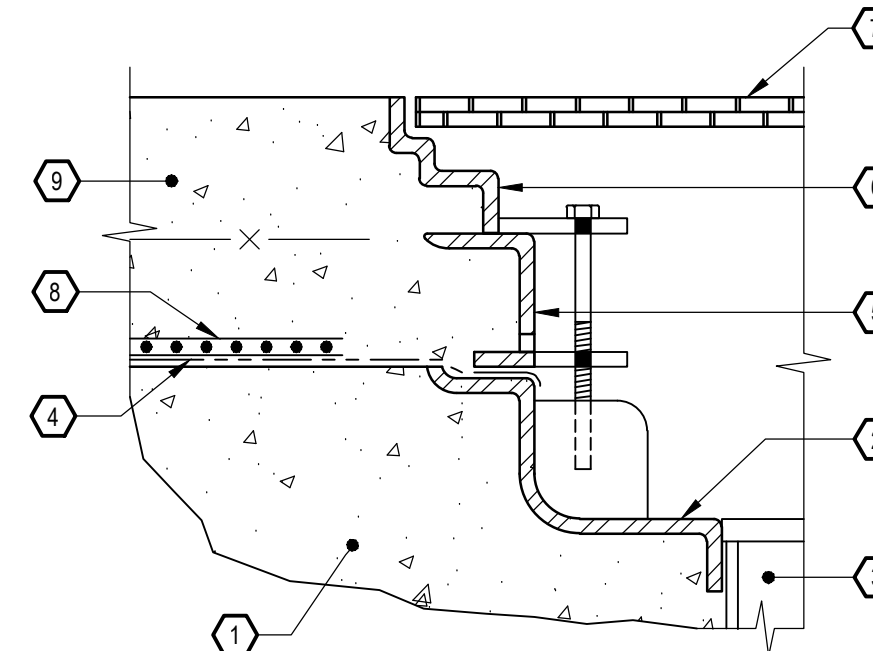


- 1 EXISTING CONCRETE SLAB.
- 2 EXISTING POUR STRIP CURB TO REMAIN.
- 3 EXISTING CONCRETE TOPPING SLAB OVER SUBSURFACE WATERPROOFING MEMBRANE TO REMAIN, DO NOT DAMAGE.
- 4 SAWCUT PARALLEL TO RAISED CURB AND CHIP/REMOVE 1'-6\" WIDTH OF TOPPING SLAB FOR 3\" LENGTH AS DIRECTED BY ENGINEER TO EXPOSE SUBSURFACE WATERPROOFING SYSTEM FOR REVIEWS.
- 5 EXISTING SUBSURFACE WATERPROOFING SYSTEM TO REMAIN, LEAVE MINIMUM 8\" BONDED AND INTACT EXISTING MEMBRANE WITHIN EXCAVATION TO LAP NEW MEMBRANE. LEAVE 3\" MINIMUM EXISTING PROTECTION BOARD.
- 6 PREPARE CONCRETE SURFACES AND PROVIDE NEW COVE AT HORIZONTAL-TO-VERTICAL TRANSITION. REFER TO SPECIFICATION SECTION 071400.
- 7 PREPARE CONCRETE SURFACES, BLOW CLEAN AND INSTALL NEW WATERPROOFING SYSTEM, LAP ONTO PREPARED EXISTING MEMBRANE AT MINIMUM 6\". INSTALL NEW DRAINAGE MAT OVER EXISTING PROTECTION BOARD, MINIMUM 3\". REFER TO SPECIFICATION SECTION 071400.
- 8 PROVIDE MESH REINFORCING AND NEW CONCRETE PATCH MATERIAL TYPE A OR C. REFER TO SPECIFICATIONS SECTION 030100.
- 9 AFTER ADEQUATE CURE OF NEW CONCRETE PATCH MATERIALS, PREPARE AND PROVIDE NEW SEALANT. REFER TO DETAIL 6, DRAWING 902.

CONCRETE AND SUBSURFACE MEMBRANE REPAIRS AT POUR STRIP CURB

4
DETAIL
901 NO SCALE

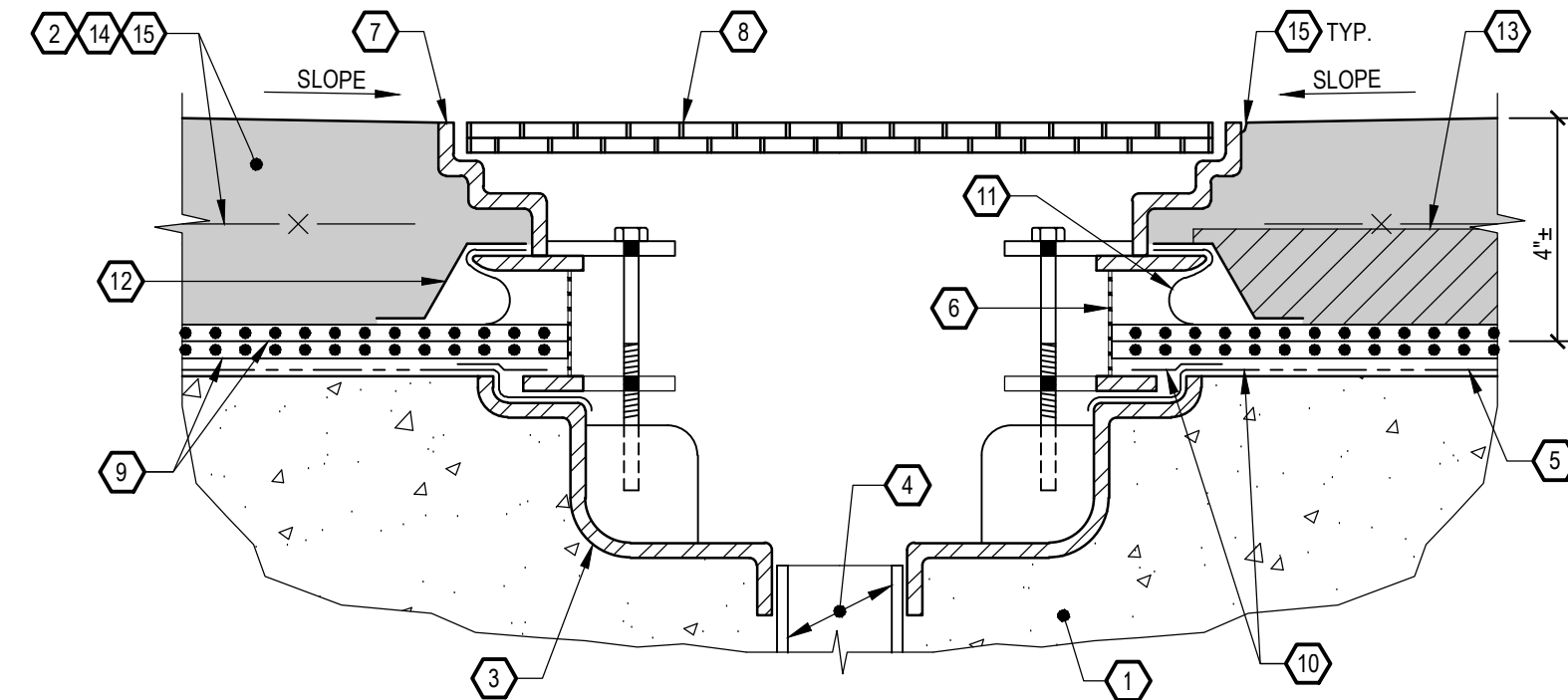
PAY UNIT PER LOCATION (3' LENGTH)
AND SUBSURFACE WATERPROOFING SYSTEM REPAIRS



- 1 EXISTING STRUCTURAL SLAB.
- 2 EXISTING DRAIN BODY CAST INTO STRUCTURAL SLAB.
- 3 EXISTING DRAIN PIPE.
- 4 EXISTING SUBSURFACE WATERPROOFING MEMBRANE, MEMBRANE TERMINATES ON DRAIN BODY.
- 5 EXISTING DRAIN CLAMPING RING.
- 6 EXISTING DRAIN GRATE CLAMPING RING.
- 7 EXISTING DRAIN GRATE.
- 8 EXISTING DRAINAGE MAT TYPICALLY TERMINATED PRIOR TO DRAIN ASSEMBLY.
- 9 CONCRETE TOPPING SLAB WITH WELDED WIRE MESH REINFORCING CAST TIGHT TO DRAIN ASSEMBLY.

EXISTING DRAIN CONDITION

5A
DETAIL
901 NO SCALE



- 1 EXISTING STRUCTURAL SLAB.
- 2 EXISTING TOPPING SLAB AND REINFORCING TO BE REMOVED IN 4'-0\" x 4'-0\" SQUARE CENTERED ON DRAIN. ORIENT SIDES OF SAWCUT PARALLEL TO EXISTING BUILDING FEATURES. REINFORCING SHALL BE CUT-OUT, SALVAGED, AND REINSTALLED PRIOR TO PLACING NEW CONCRETE PATCH MATERIAL.
- 3 EXISTING DRAIN BODY CAST INTO STRUCTURAL SLAB.
- 4 EXISTING DRAIN PIPE. INSTALL PLUMBER'S PLUG DURING WORK ONLY AT OCCUPIED WORK AREAS. REMOVE PLUG EACH EVENING PRIOR TO LEAVING SITE.
- 5 EXISTING SUBSURFACE WATERPROOFING MEMBRANE. MEMBRANE TERMINATES ON DRAIN BODY. DO NOT DAMAGE.
- 6 EXISTING DRAIN RING WITH PERFORATED METAL SCREEN.
- 7 EXISTING DRAIN GRATE CLAMPING RING. REMOVE RING ONLY IF NEEDED TO FACILITATE REPAIRS, STORE AND REINSTALL AT COMPLETION OF WORK. REPLACE BOLTS WITH LONGER GALVANIZED BOLTS AS NECESSARY.
- 8 EXISTING DRAIN GRATE. REMOVE GRATE, STORE AND REINSTALL AT COMPLETION OF WORK.
- 9 NEATLY CUT-BACK EXISTING DRAINAGE MAT TO ACCOMMODATE FLASHING DETAIL PER NOTE 10. PROVIDE NEW DRAINAGE MAT INSTALLED TIGHT TO PERFORATED METAL SCREEN. PROVIDE SECOND LAYER OF DRAINAGE MAT TIGHT TO PERFORATED SCREEN AND EXTEND 12\" MINIMUM BEYOND EDGES OF PERFORATED SCREEN.
- 10 CAREFULLY CLEAN EXISTING MEMBRANE AND INSTALL NEW MEMBRANE SYSTEM AT INTERFACE OF LOWER BOWL AND EXISTING MEMBRANE SYSTEM. TOUCH-UP ANY OTHER AREAS WHERE EXISTING MEMBRANE WAS DAMAGED DURING DEMOLITION USING SAME MATERIAL.
- 11 PROVIDE NEW WOVEN FILTER FABRIC FROM NEW DRAINAGE MAT EXTENDING UP AND OVER EXPOSED PORTIONS OF PERFORATED SCREEN AND FASTEN TO UPPER CASTING OF DRAIN BODY.
- 12 PROVIDE BOND-BREAKER TAPE OR OTHER MATERIAL TO ACT AS POUR STOP OF NEW CONCRETE PLACEMENT AND TO PREVENT CONCRETE FROM CONTACTING PERFORATED METAL SCREEN WHEN CASTING NEW TOPPING SLAB.
- 13 WHERE APPROPRIATE, INSTALL NEW 2\" THICK RIGID INSULATION TO MATCH EXISTING.
- 14 PROVIDE MESH REINFORCING AND NEW CONCRETE PATCH MATERIAL, TYPE A OR TYPE C. CAST TIGHT TO DRAIN ASSEMBLY. REFER TO SPECIFICATION SECTION 030100.
- 15 TOOL NEW JOINTS IN CONCRETE AT DRAIN CASTING PERIMETER AND PERIMETER OF EXCAVATION REPAIR. AFTER ADEQUATE CURING, PREPARE JOINTS, PRIME, AND INSTALL NEW SEALANT SIMILAR TO DETAIL 6 ON DRAWING 902.

CONCOURSE DRAIN REPAIR

5B
DETAIL
901 NO SCALE

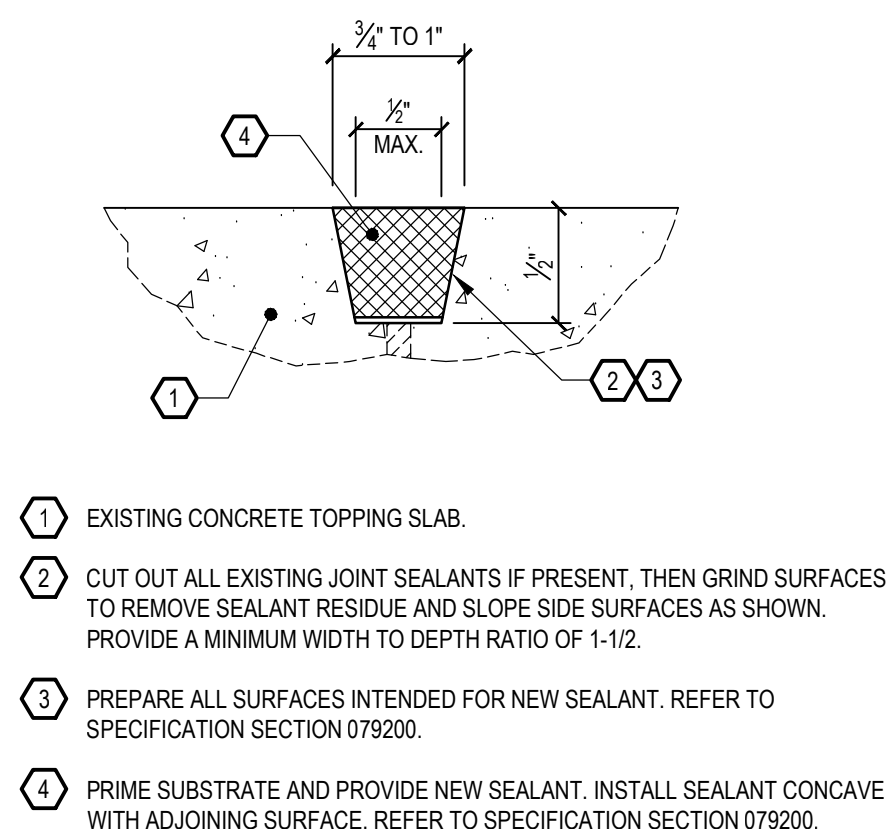
PAY UNIT PER LOCATION

M&T Bank Stadium
Expansion Joints
Restoration Trials

MSA
Project No. 19-021

DRAWING TITLE
**CONCRETE AND
SUBSURFACE MEMBRANE
REPAIR DETAILS**

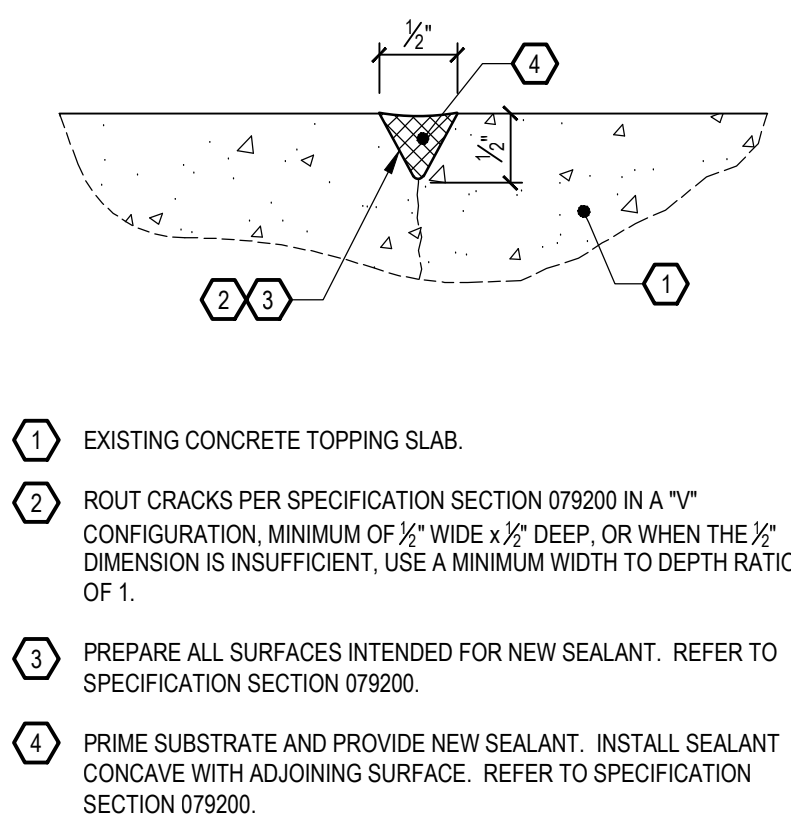
JOB NUMBER
18556 00
DATE
APRIL 2019
DRAWING NUMBER



TYPICAL CONSTRUCTION JOINT

DETAIL

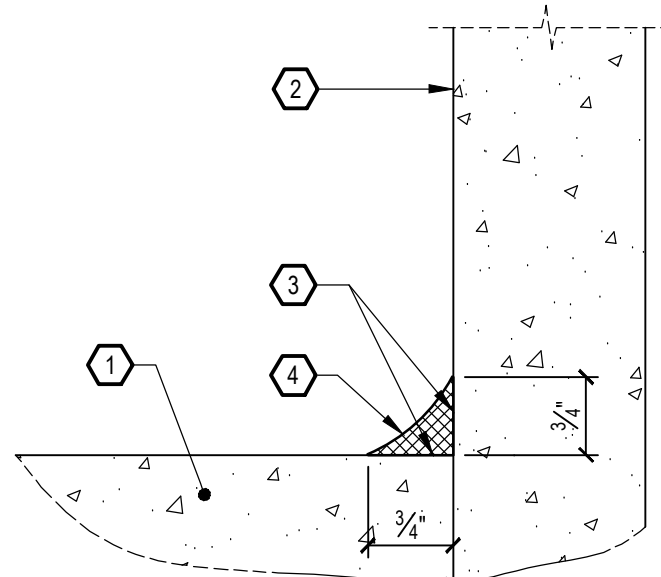
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TYPICAL RANDOM CRACK

DETAIL

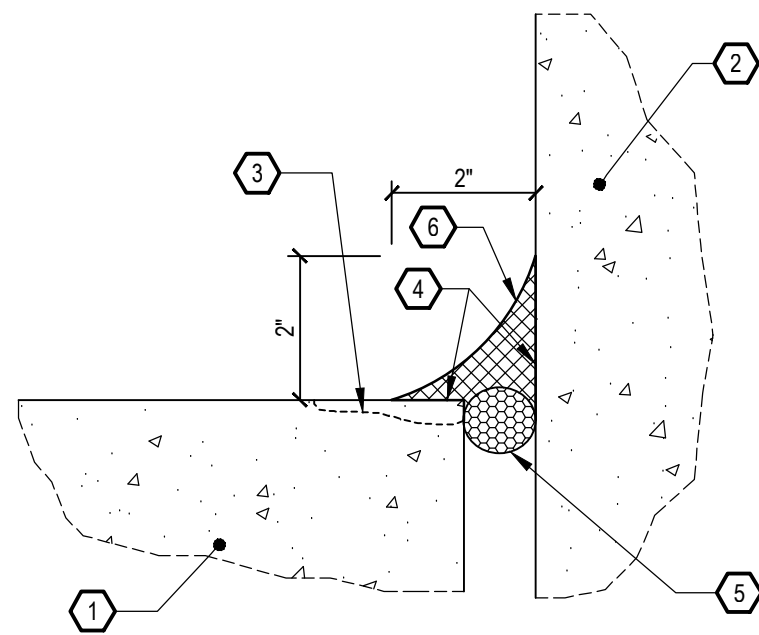
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TYPICAL COVE SEALANT

DETAIL

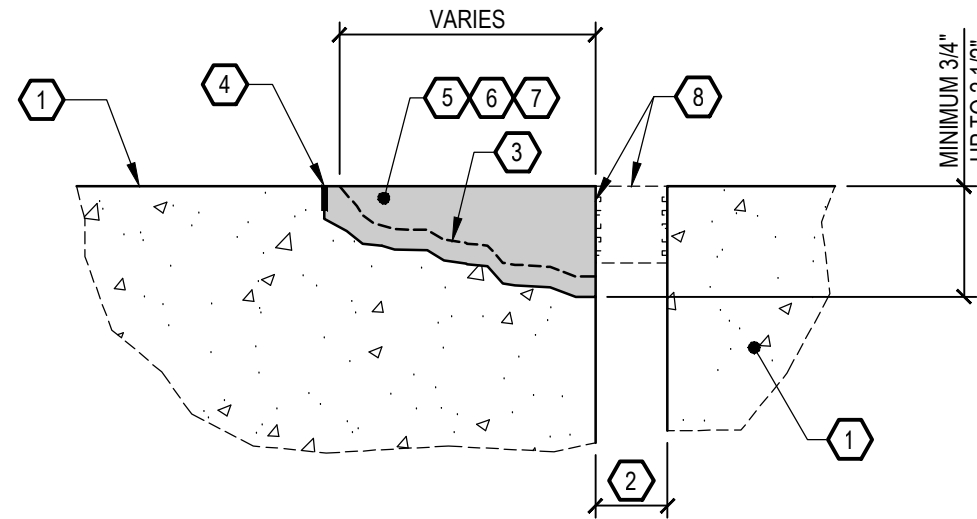
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OVERSIZE PERIMETER WALL COVE

DETAIL

NO SCALE

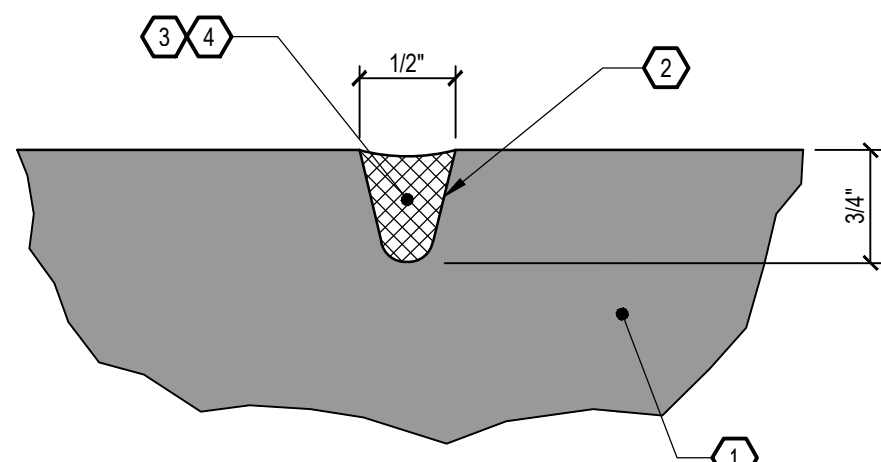


CONCRETE JOINT EDGE REPAIR

DETAIL

NO SCALE

PAY UNIT PER LINEAR FOOT



TOOLED JOINT

DETAIL

NO SCALE

ISSUES

ISSUES

ADDITIONAL NO. 1

06/22/2019

REVISIONS

1

DRAWN BY:

P.A. Bellman

ENGINEER:

K.R. Dugan

CHECKED BY:

C.W. Przywara

M&T Bank Stadium
Expansion Joints
Restoration Trials

MSA
Project No. 19-021

DRAWING TITLE

SEALANT DETAILS

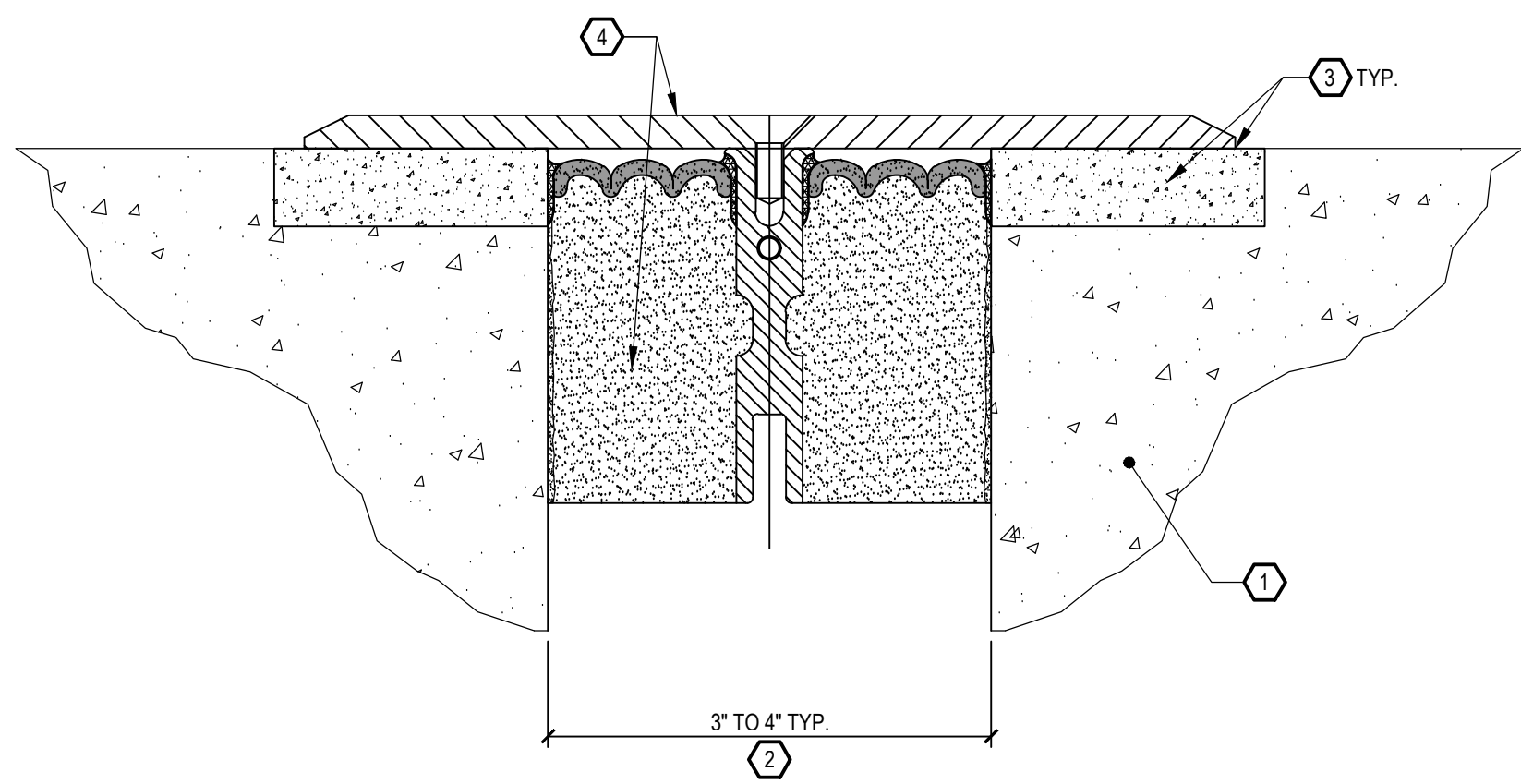
JOB NUMBER

DATE

18556.00

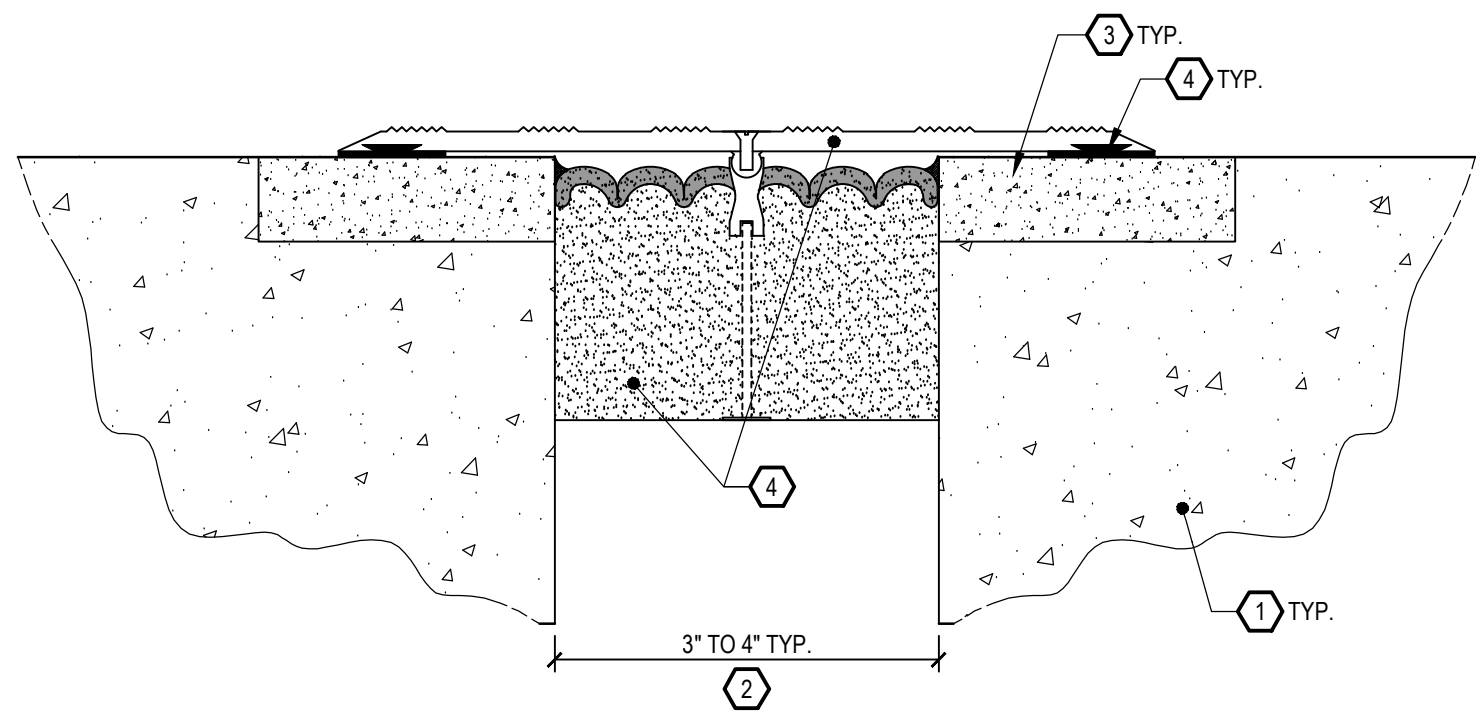
APRIL 2019

DRAWING NUMBER



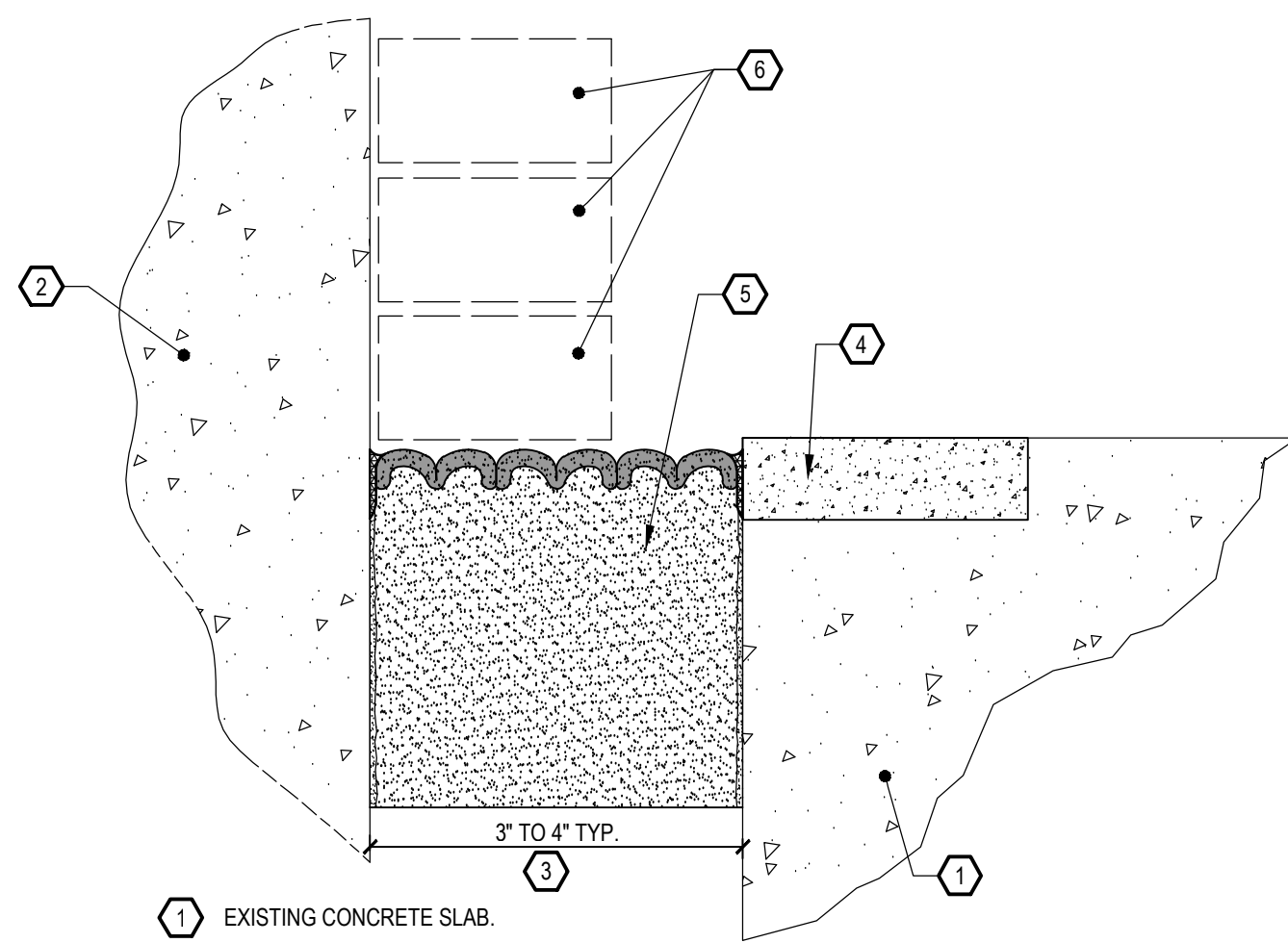
- 1 EXISTING CONCRETE SLAB OR BONDED POUR STRIP CURB.
- 2 EXISTING JOINT THROAT WIDTH. CONTRACTOR TO FIELD VERIFY PRIOR TO BID AND CONSULT WITH MANUFACTURER TO ENSURE PROPER EXPANSION JOINT SIZE SELECTION.
- 3 PREPARE BLOCK OUT AND INSTALL NEW NOSING MATERIAL TO PROVIDE EVEN BEARING OF NEW COVER PLATE SYSTEM. REFER TO SPECIFICATION SECTION 079000.
- 4 PROVIDE NEW COMPRESSIBLE EXPANSION JOINT SYSTEM WITH INTEGRAL COVER PLATE. REFER TO SPECIFICATION SECTION 079000.

NEW EMSEAL SJS CONCOURSE SYSTEM
1
903
DETAIL
NO SCALE



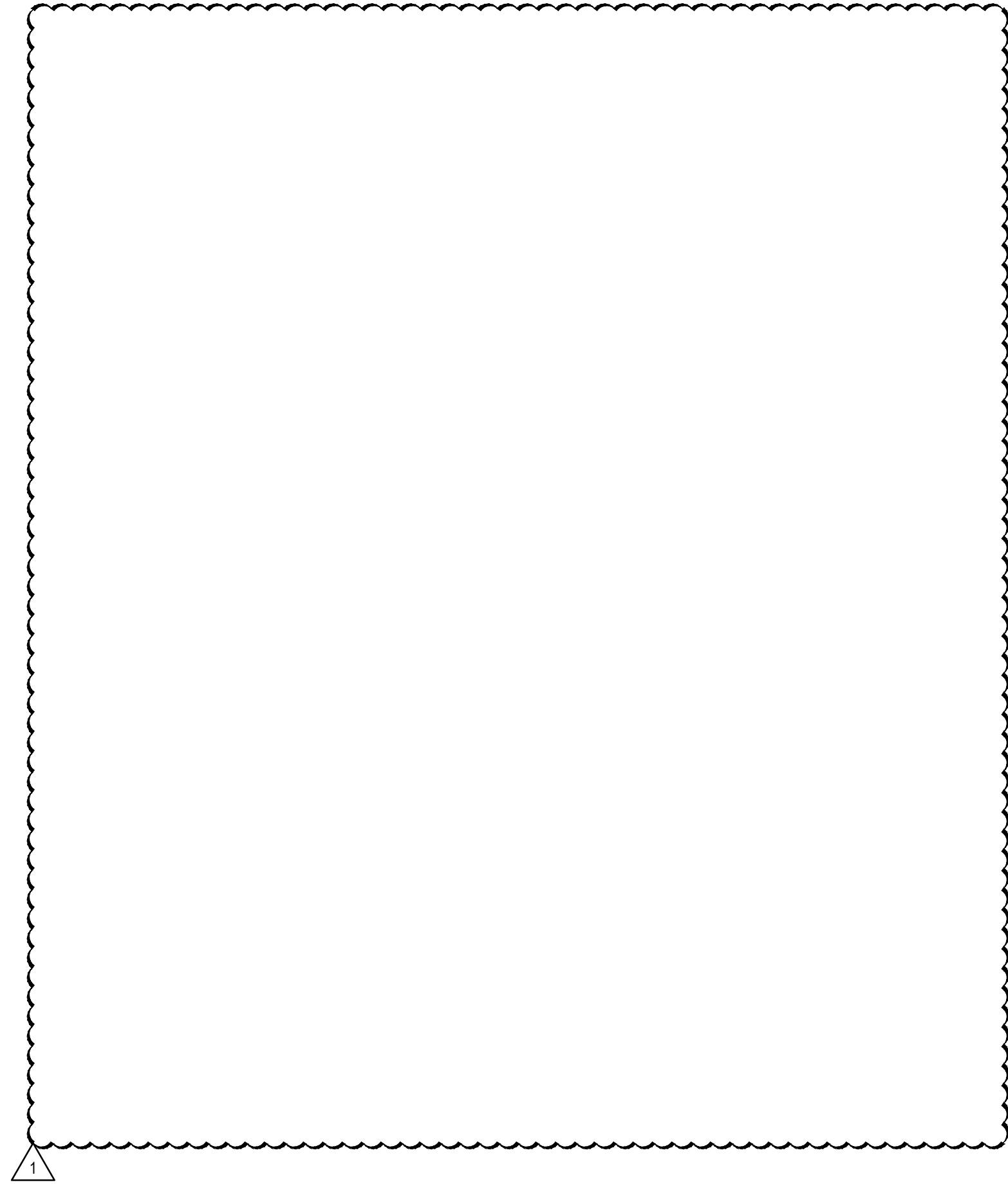
- 1 EXISTING CONCRETE SLAB.
- 2 EXISTING JOINT THROAT WIDTH. CONTRACTOR TO FIELD VERIFY PRIOR TO BID AND CONSULT WITH MANUFACTURER TO ENSURE PROPER EXPANSION JOINT SIZE SELECTION.
- 3 PREPARE BLOCKOUT AND INSTALL NEW NOSING MATERIAL. REFER TO SPECIFICATION SECTION 079000.
- 4 PROVIDE NEW COMPRESSIBLE EXPANSION JOINT SYSTEM WITH HEAVY DUTY COVER PLATE. REFER TO SPECIFICATION SECTION 079000.
- 5 ANTI VIBRATION DAMPENERS. ADJUST THICKNESS OF DAMPER OR GRIND NEW NOSING SURFACE TO ASSURE PLATE SITS FLUSH.

NEW WILLSEAL CONCOURSE SYSTEM
2
903
DETAIL
NO SCALE



- 1 EXISTING CONCRETE SLAB.
- 2 EXISTING CONCRETE COLUMN.
- 3 EXISTING JOINT THROAT WIDTH. CONTRACTOR TO FIELD VERIFY PRIOR TO BID AND CONSULT WITH MANUFACTURER TO ENSURE PROPER EXPANSION JOINT SIZE SELECTION.
- 4 PREPARE BLOCKOUT AND INSTALL NEW NOSING MATERIAL. REFER TO SPECIFICATION SECTION 079000.
- 5 PROVIDE NEW COMPRESSIBLE EXPANSION JOINT SYSTEM. REFER TO SPECIFICATION SECTION 079000.
- 6 EXISTING BRICK WRAP AT NEW CONCOURSE COLUMNS. TEMPORARILY REMOVE LOWER COURSES OF BRICK TO ACCOMMODATE NEW EXPANSION JOINT INSTALLATION. SUPPORTING BRICK WRAP ABOVE AS NECESSARY. SALVAGE BRICK. REINSTALL TO MATCH ORIGINAL CONDITION AFTERWARDS.

NEW EMSEAL OR WILLSEAL SYSTEM AT COLUMN
3
903
DETAIL
NO SCALE



| ISSUES | | | | | | | | | | |
|--------|-----|-------------|------|----|--------|------------|------|----|--------|------------|
| | NO. | DESCRIPTION | DATE | BY | STATUS | RESOLUTION | DATE | BY | STATUS | RESOLUTION |
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| ISSUES | | | | | | | | | | |
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M&T Bank Stadium
Expansion Joints
Restoration Trials

MSA
Project No. 19-021

DRAWING TITLE
**EXPANSION JOINT REPAIR
DETAILS**

JOB NUMBER: 18556.00
DATE: APRIL 2019
DRAWING NUMBER: