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FLOOR
a s s o c i a t e s

1425 N. First Street Second Floor Phoenix, AZ 85004	602.462.1425 P 602.462.1427 F
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CITY OF SCOTTSDALE
ROUNDHOUSE, SPLASH PAD
& SITE IMPROVEMENTS
7301 E INDIAN BEND ROAD
SCOTTSDALE, AZ 85250



REVISIONS

No.	Description	Date
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DESIGN
REVIEW BOARD

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KEY:

SHEET TITLE:
HARDSCAPE
SECTIONS /
ELEVATIONS

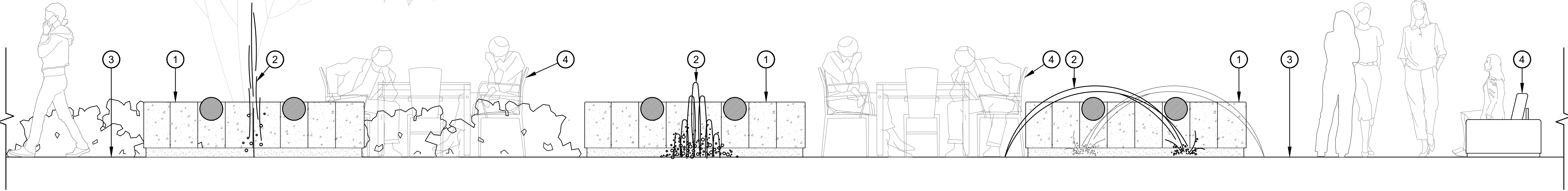
SHEET NUMBER:

H-301

DRAWN BY: SO / IK	REVIEWED BY: KF
DATE: 06/16/2023	PROJECT NUMBER: 20002



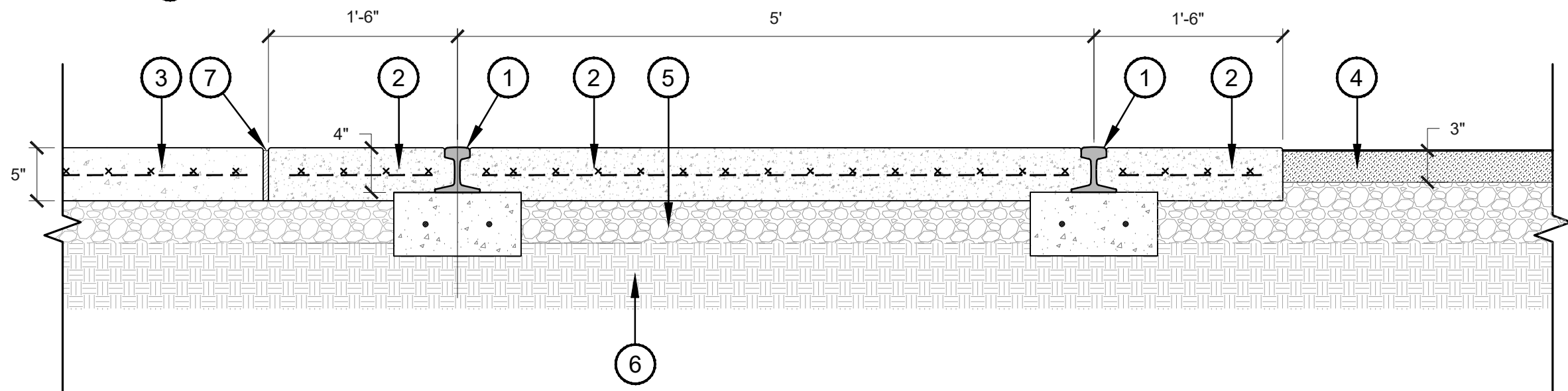
- 1 SEATWALL, SEE DETAIL 3 / H-401
- 2 SPLASH PAD JETS, SEE AQUA
DESIGN DRAWINGS
- 3 ADJACENT PAVING MATERIALS, SEE
HARDSCAPE PLANS AND DETAIL 1 / H-404
- 4 SITE FURNISHINGS, BY OTHERS



1 SPLASH PAD ELEVATION
SCALE: 1/2"=1'-0"

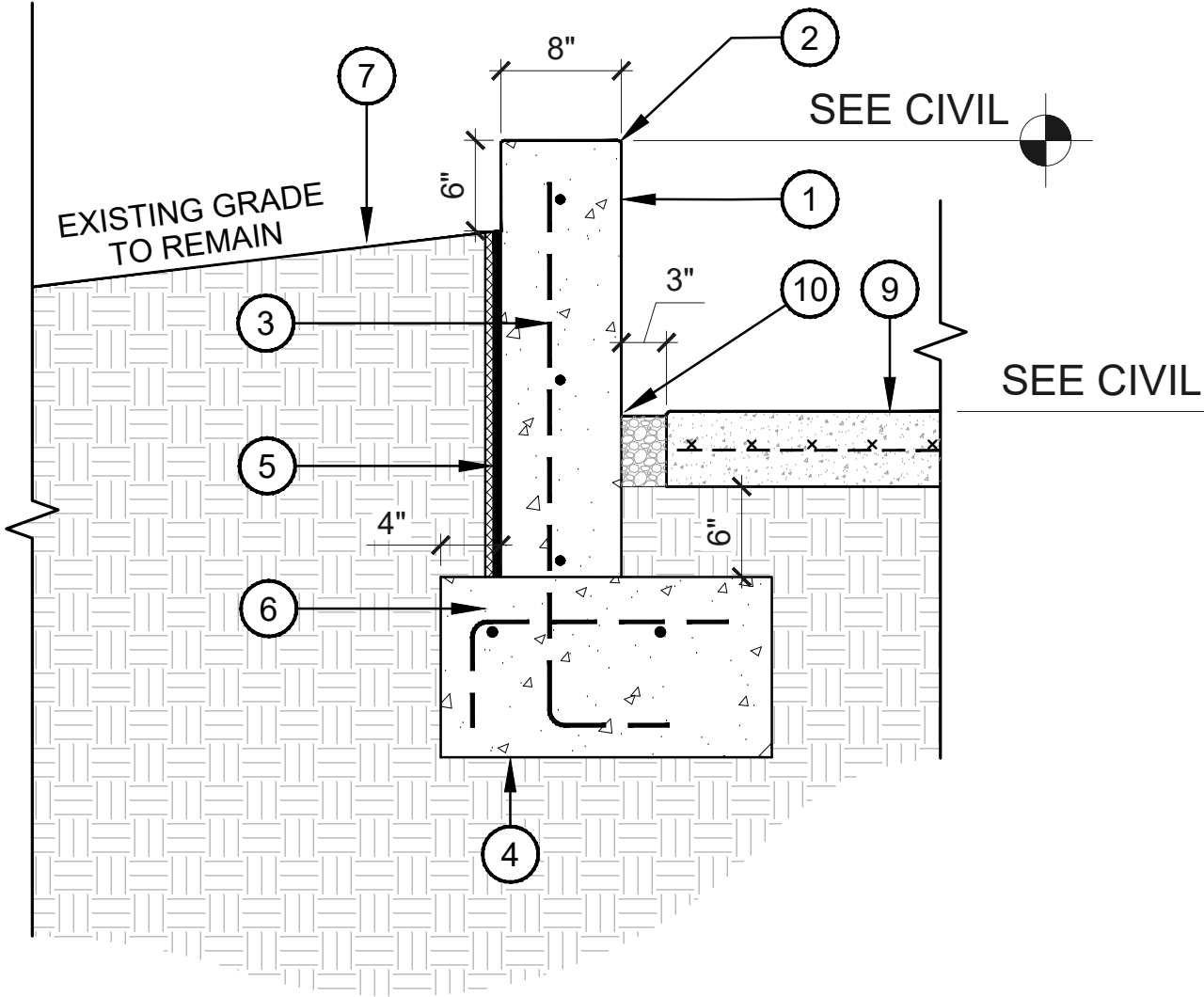
ELEV-24

- 1 RAIL TRACK EMBED, SEE DETAIL 1 / H-402
- 2 CONCRETE PAVING [RAILROAD TRACKS], SEE DETAIL 1 / H-404
- 3 CONCRETE PAVING, SEE DETAIL 1 / H-404
- 4 NON-VEHICULAR STABILIZED DECOMPOSED GRANITE, SEE DETAIL 3 / H-404
- 5 AGGREGATE BASE COURSE PER GEOTECHNICAL REPORT
- 6 COMPACTED SUBGRADE
- 7 1/2" EXPANSION JOINT, TYP.



2 RAIL TRACK EMBED HARDSCAPE SECTION
SCALE: 1"=1'-0"

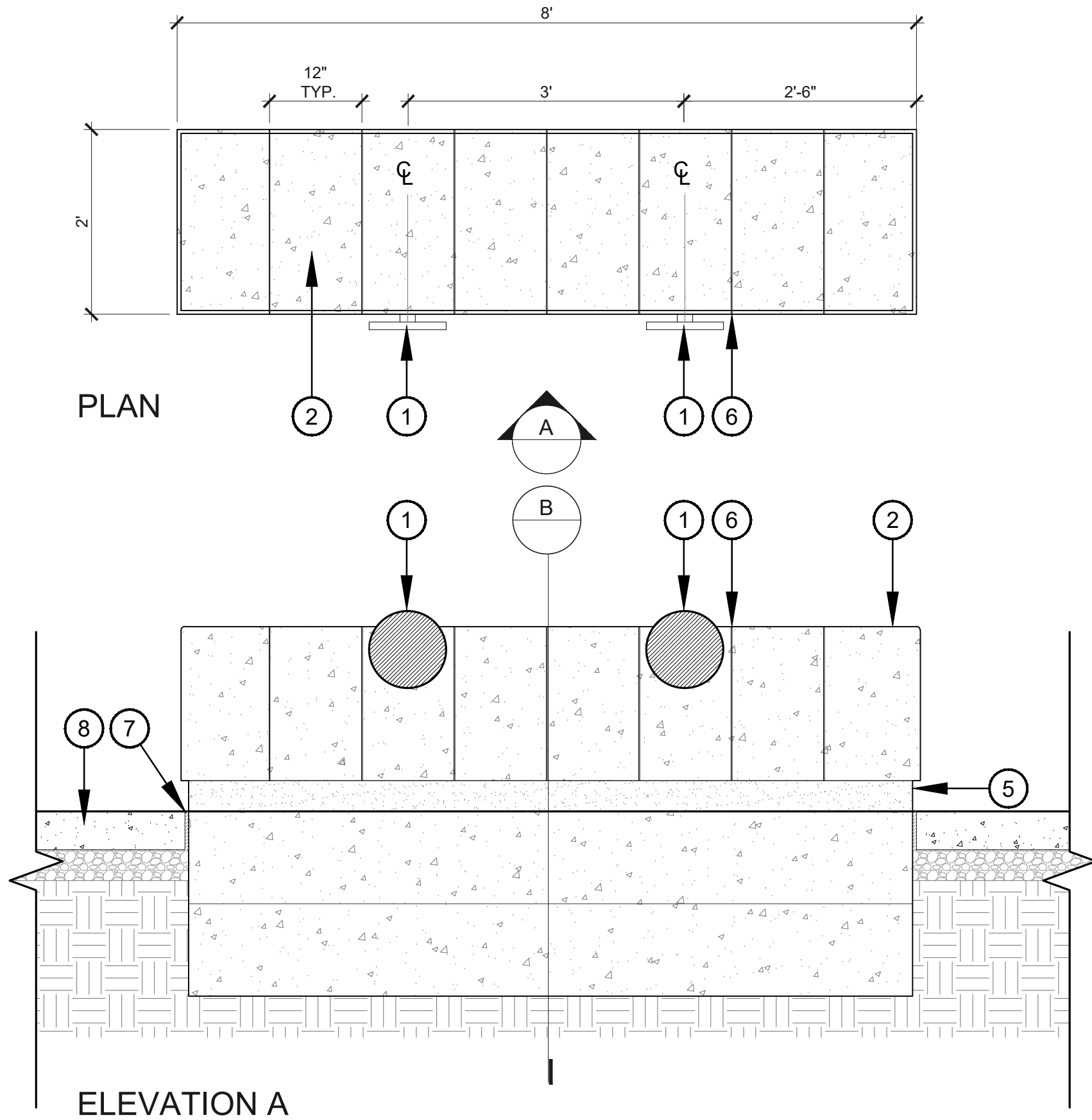
HD-12



1 CAST-IN-PLACE CONCRETE RETAINING WALL
SCALE: 1"=1'-0"

- 1 CAST-IN-PLACE CONCRETE RETAINING WALL. COLOR: STANDARD GRAY. FINISH: LIGHT SANDBLAST
- 2 1/4" RADIUS TOOLED EDGE TYP
- 3 STEEL REINFORCING BY STRUCTURAL ENGINEER
- 4 REINFORCED CONCRETE FOOTING BY STRUCTURAL ENGINEER
- 5 APPLY HOT RUBBERIZED ASPHALT WATERPROOF MEMBRANE ON ALL WALL SURFACES BELOW GRADE
- 6 ENKA 9010 DRAINAGE MAT OR SIMILAR
- 7 FG OF LANDSCAPE AREA. ENSURE GRADE REMAINS AS EXISTING TO AVOID DISTURBANCE OF EXISTING TREE
- 8 COMPACTED SUBGRADE TO 95%
- 9 ADJACENT PAVING, SEE DETAIL 1 / H-403
- 10 3" ROCK SLOT

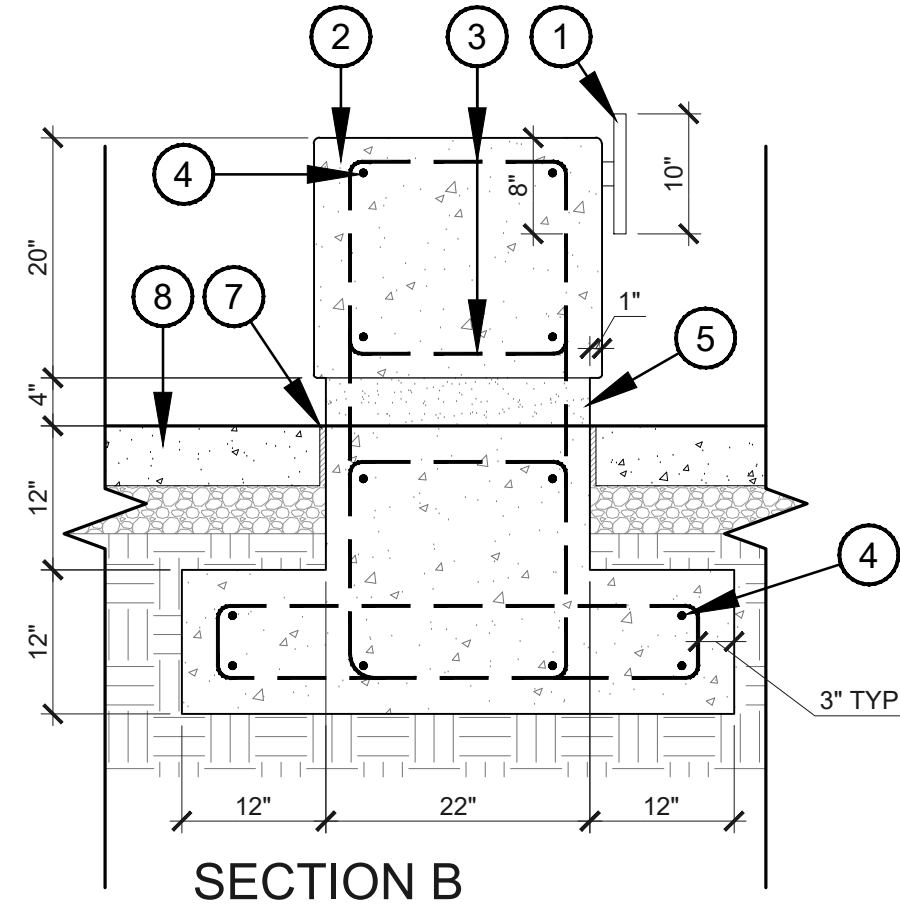
NOTE:
1. CAST-IN-PLACE CONCRETE -- COLOR: NATURAL GRAY, FINISH: MEDIUM SANDBLAST SEE SHEET H1
2. FOOTING AND REINFORCING TO BE REVIEWED BY STRUCTURAL ENGINEER



2 CONCRETE SEAT WALL & INTERACTIVE BUTTON
SCALE: 3/4"=1'-0"

- 1 INTERACTIVE BUTTON FOR SPLASH PAD (DESIGN & FUNCTION TBD)
- 2 CAST-IN-PLACE CONCRETE SEATWALL
COLOR: STANDARD GRAY | FINISH: SMOOTH
- 3 #4 REBAR @ 24" O.C.
- 4 #4 REBAR, CONT.
- 5 1" DEEP X 4" TALL INSET AT BASE OF SEAT WALL.
FINISH: HEAVY SANDBLAST.
- 6 SAWCUT JOINTS @ 12" O.C. | DEPTH 1"-1.5"
- 7 1/2" EXPANSION JOINT, TYP.
- 8 ADJACENT CONCRETE PAVING, SEE DETAIL 1 / H-403

NOTES:
-ALL EDGES AND CORNERS SHALL HAVE A MAX 1/4" RADIUS TOOLED EDGE



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KEY:		
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SHEET TITLE: HARDSCAPE DETAILS		
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SHEET NUMBER: H-401		
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DRAWN BY: SO / IK	REVIEWED BY: KF
DATE: 06/16/2023	PROJECT NUMBER: 20002

- 1 60LB FORGED STEEL RAIL

2 6" x 12" CONCRETE FOOTING, CONTINUOUS ALONG LENGTH OF STEEL RAIL. POUR TOP OF FOOTING TO ENSURE FINISHED CONCRETE PAVING IS FLUSH WITH TOP OF RAIL. DOWEL @ 24" O.C. AT TRANSITION, TYP.

3 (2) #4 REBAR, CONTINUOUS

4 CONCRETE PAVING, SEE DETAIL 1 / H-403

5 COMPACTED ABC PER DETAIL 1 / H-403

6 COMPACTED SUBGRADE PER SOILS REPORT

7 1/4" TOOLED RADIUS AT INTERFACE BETWEEN CONCRETE AND STEEL RAIL
- NOTE:
CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND GRADES PRIOR TO INSTALLATION

- 1 60LB FORGED STEEL RAIL

2 6" x 12" CONCRETE FOOTING, CONTINUOUS ALONG LENGTH OF STEEL RAIL. POUR TOP OF FOOTING TO ENSURE FINISHED CONCRETE PAVING IS FLUSH WITH TOP OF RAIL.

3 (2) #4 REBAR, CONTINUOUS

4 CONCRETE PAVING, SEE DETAIL 1 / H-403

5 COMPACTED ABC PER DETAIL 1 / H-403

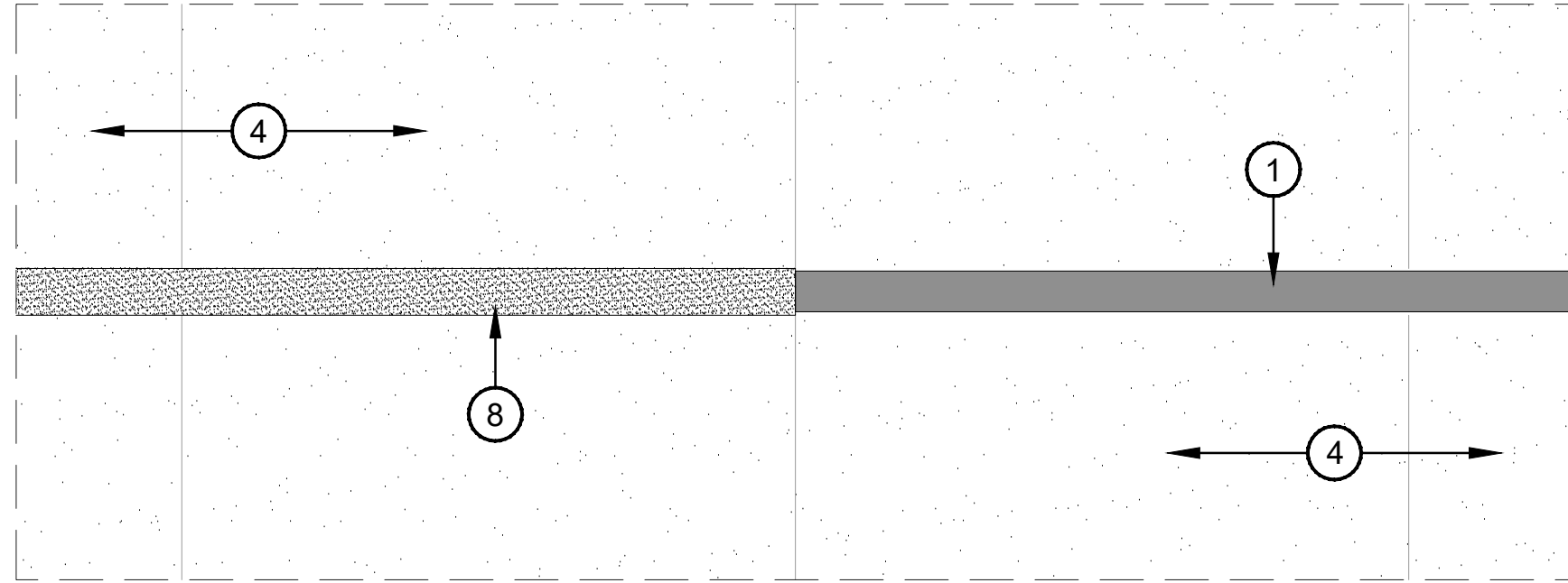
6 COMPACTED SUBGRADE PER SOILS REPORT

7 1/4" TOOLED RADIUS AT INTERFACE BETWEEN CONCRETE AND STEEL RAIL

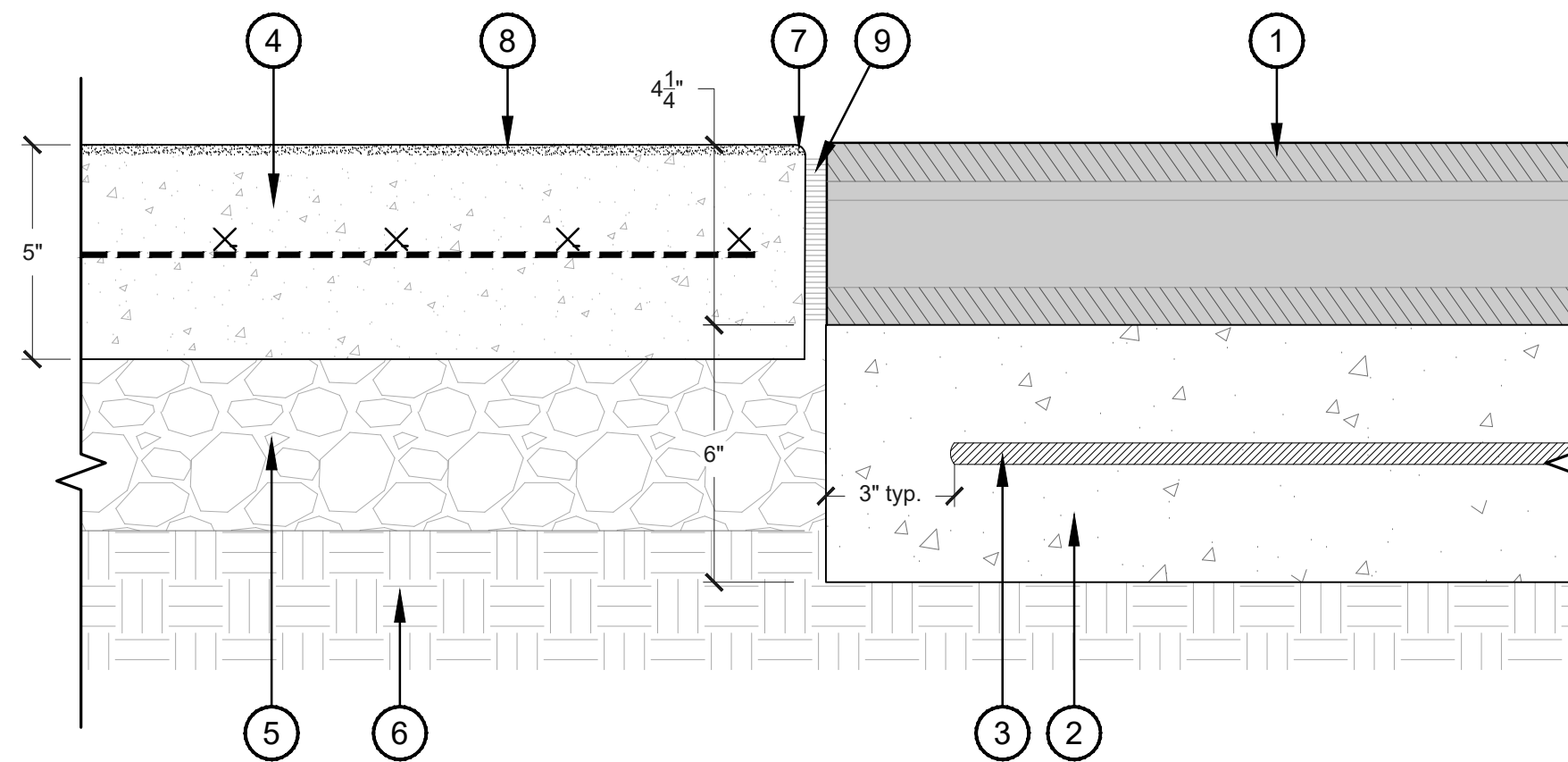
8 HEAVY SANDBLAST FINISH. SEE PLANS FOR LOCATIONS & DIMENSIONS

9 1/2" FIBER EXPANSION JOINT W/ TRAFFIC SEALANT.
- NOTE:
CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND GRADES PRIOR TO INSTALLATION

PLAN VIEW | NTS



LONGITUDINAL SECTION

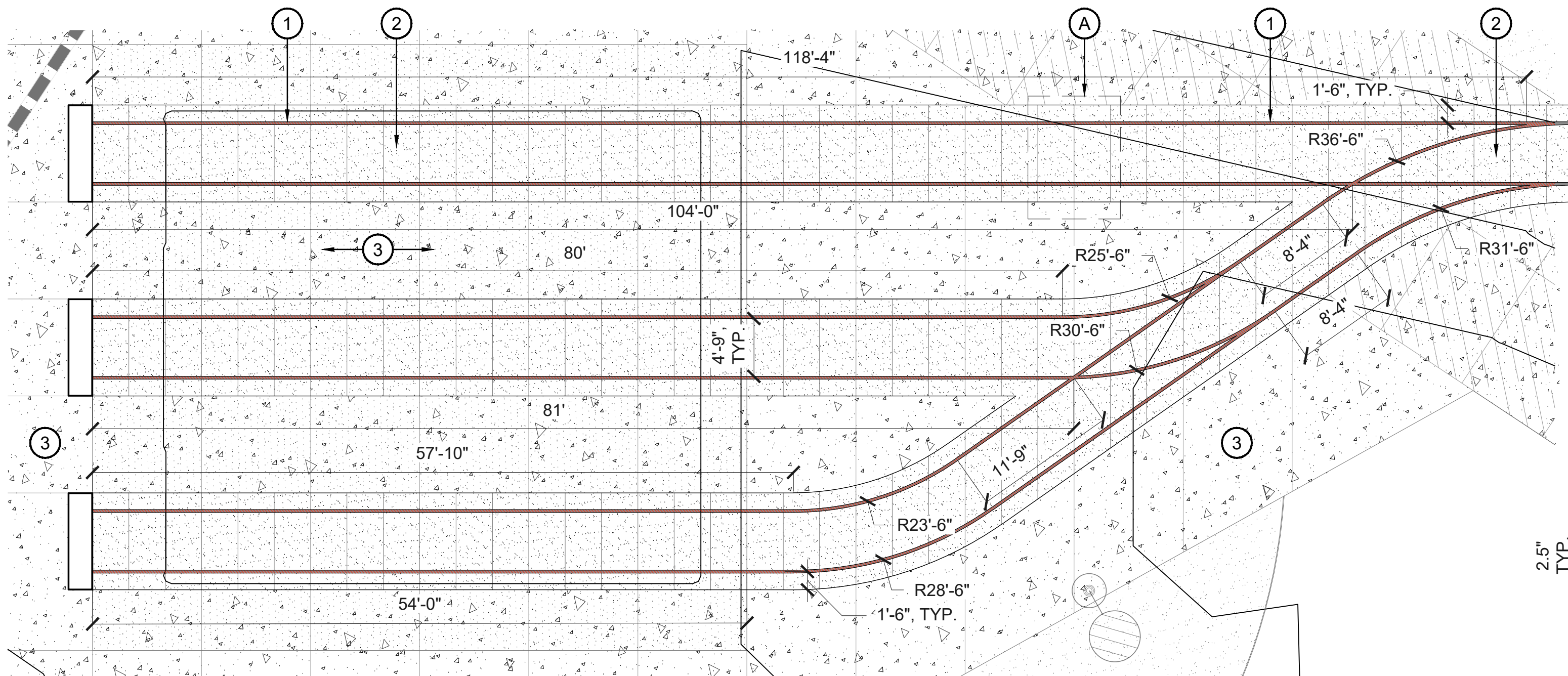


1 RAILWAY TRACK EMBED
SCALE: 3"=1'-0"

HD-4

2 RAILWAY TRACK TRANSITION
SCALE: 3"=1'-0"

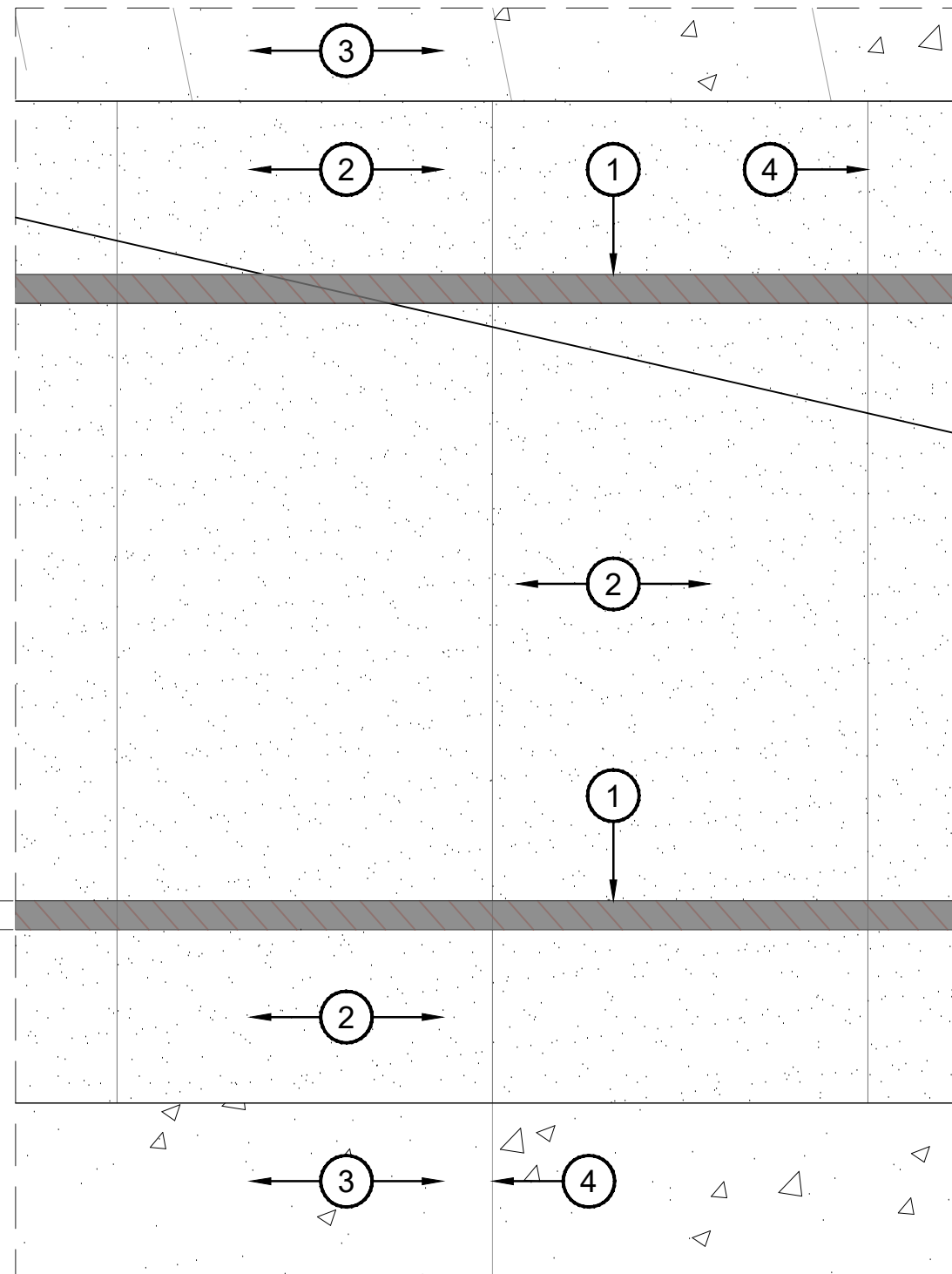
HD-4



3 CONTINUATION OF RAIL TRACKS IN CONCRETE PAVEMENT
SCALE: 1/8"=1'-0"

HD-96

EXHIBIT A:



- 1 CONCRETE PAVEMENT
FINISH: HEAVY SANDBLAST
COLOR: STANDARD GRAY
- 2 CONCRETE PAVEMENT
FINISH: DAYTON 05 TOPCAST ACID ETCH
COLOR: STANDARD GRAY
- 3 ADJACENT PLAZA & SPLASH PAD, SEE
HARDSCAPE PLANS FOR COLOR / FINISH
- 4 SAW-CUT SCORE JOINT, SEE HARDSCAPE
PLANS

- NOTES*
1. ALL RADII AND DIMENSIONS ARE
SHOWN ALONG THE CENTERLINE OF
SANBLASTED TRACKS
2. PROVIDE MOCKUP OF FINISHES FOR
LANDSCAPE ARCHITECT'S APPROVAL
PRIOR TO IMPLEMENTATION

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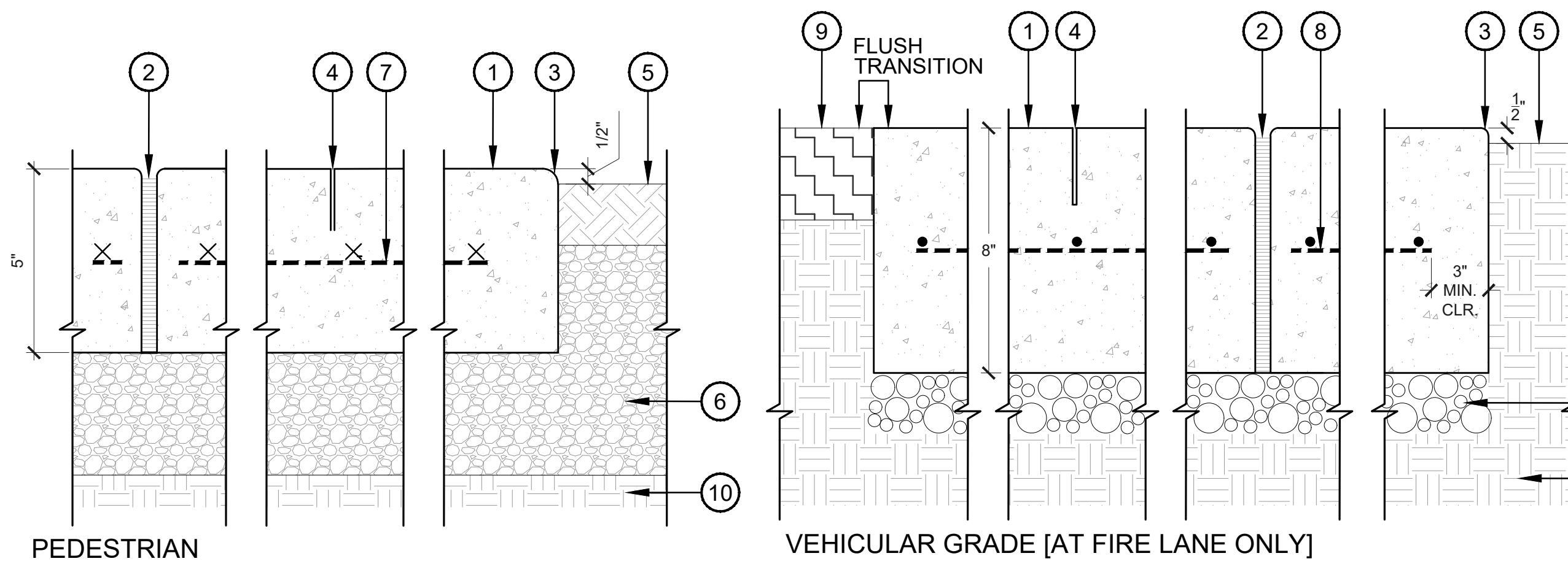
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HARDSCAPE
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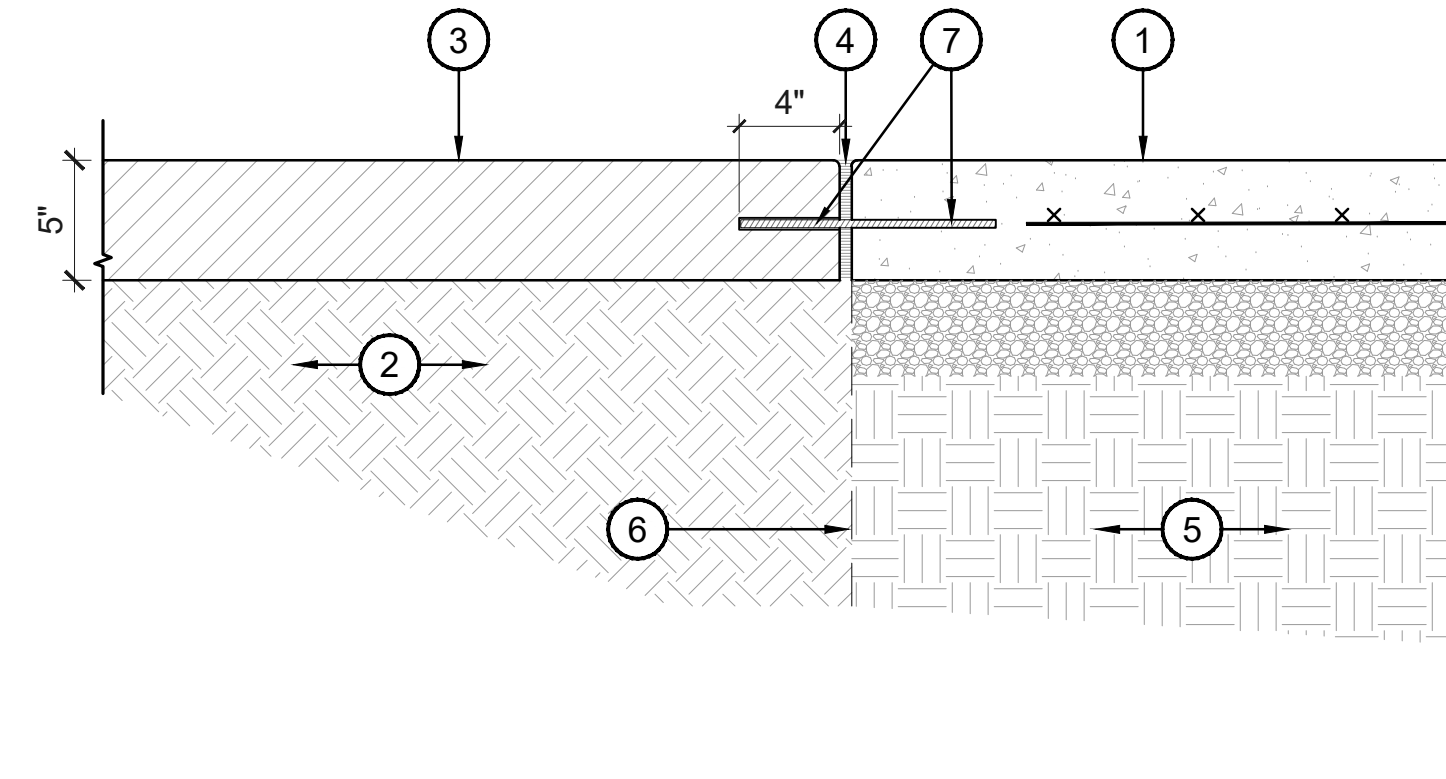
H-402

DRAWN BY: SO / IK	REVIEWED BY: KF
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- 1 CONCRETE PAVING. SEE HARDSCAPE PLANS FOR COLOR AND FINISH.
- 2 1/2" FIBER EXPANSION JOINT W/ TRAFFIC SEALANT. DOWEL EXPANSION JOINTS U.N.O
- 3 1/4" RADIUS TOOL EDGE.
- 4 SAW CUT - DEPTH TO BE 1/3 OF CONCRETE THICKNESS.
- 5 FINISHED GRADE OF LANDSCAPE AREA.
- 6 ABC, COMPACT PER CIVIL AND GEOTECH REPORT
- 7 WELDED WIRE MESH, CONTINUOUS
- 8 #4 REBAR @ 12" O.C. EACH WAY
- 9 ADJACENT PAVING, WHERE APPLICABLE
- 10 COMPACTED SUBGRADE

NOTE:
1. C.I.P. CONCRETE PER PLANS AND SPECS. CONTROL JOINTS AS NOTED ON PLANS WITH EXPANSION JOINTS @ 24' O.C.
2. THICKNESS AND REINFORCEMENT PER SOILS REPORT/CIVIL ENGINEER.



- 1 CAST-IN-PLACE CONCRETE WALK, SEE HARDSCAPE PLANS FOR COLOR AND FINISH. ENSURE FLUSH TRANSITION BETWEEN NEW AND EXISTING PAVEMENTS.
- 2 UNDISTURBED SUBGRADE
- 3 EXISTING CONCRETE PAVEMENT, TO REMAIN IN PLACE
- 4 1/2" FIBER EXPANSION JOINT WITH TRAFFIC SEALANT
- 5 COMPACTED SOILS PER SOILS REPORT
- 6 APPROXIMATE EXCAVATION LIMIT. CONFIRM IN FIELD
- 7 12" L #4 REBAR AT 12" O.C., GREASE ONE END & DOWEL INTO EXISTING SLAB

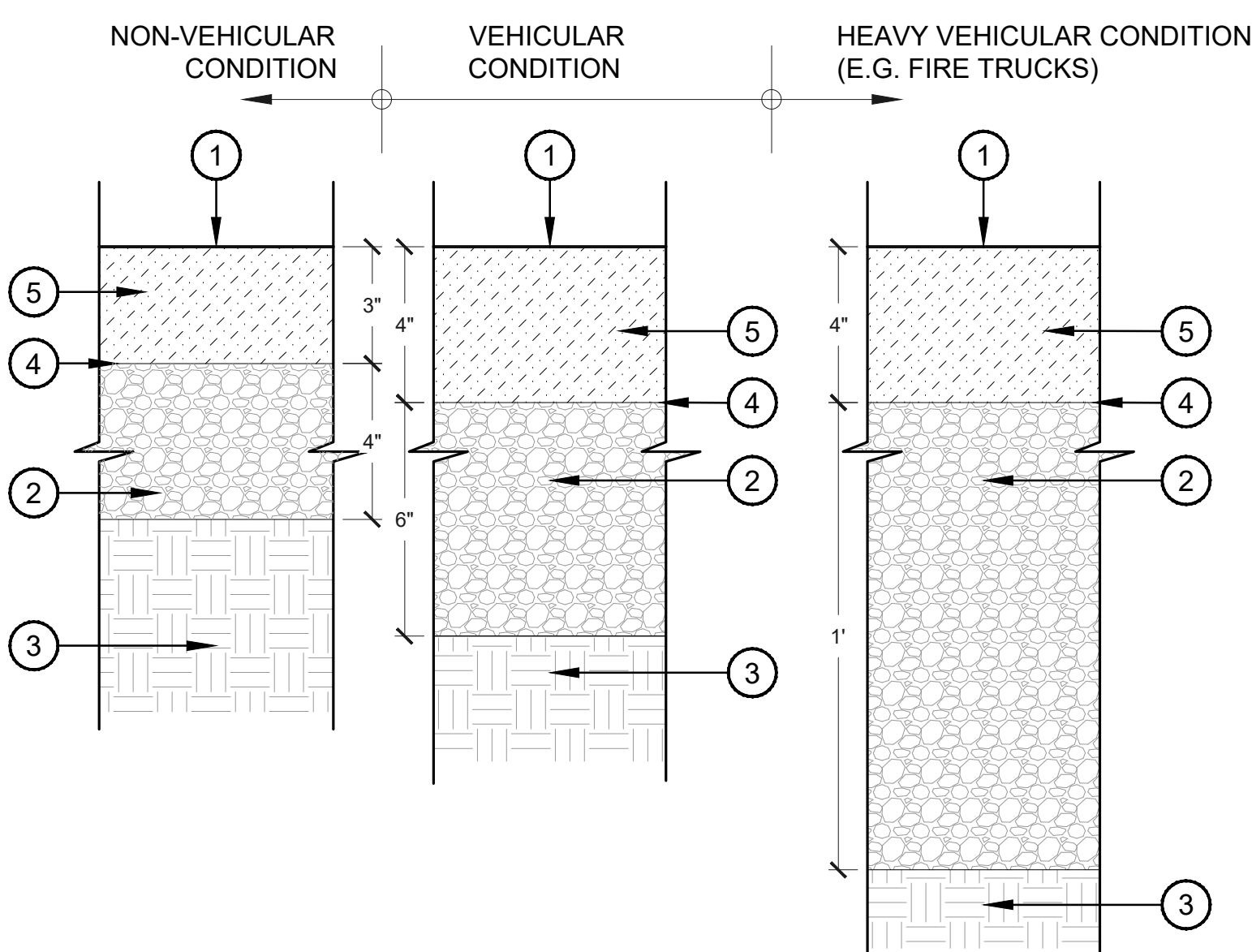
1 CONCRETE

SCALE: 3"=1'-0"

HD-CONCRETE

2 EXISTING & PROPOSED CONCRETE INTERFACE

SCALE: 1-1/2"=1'-0"



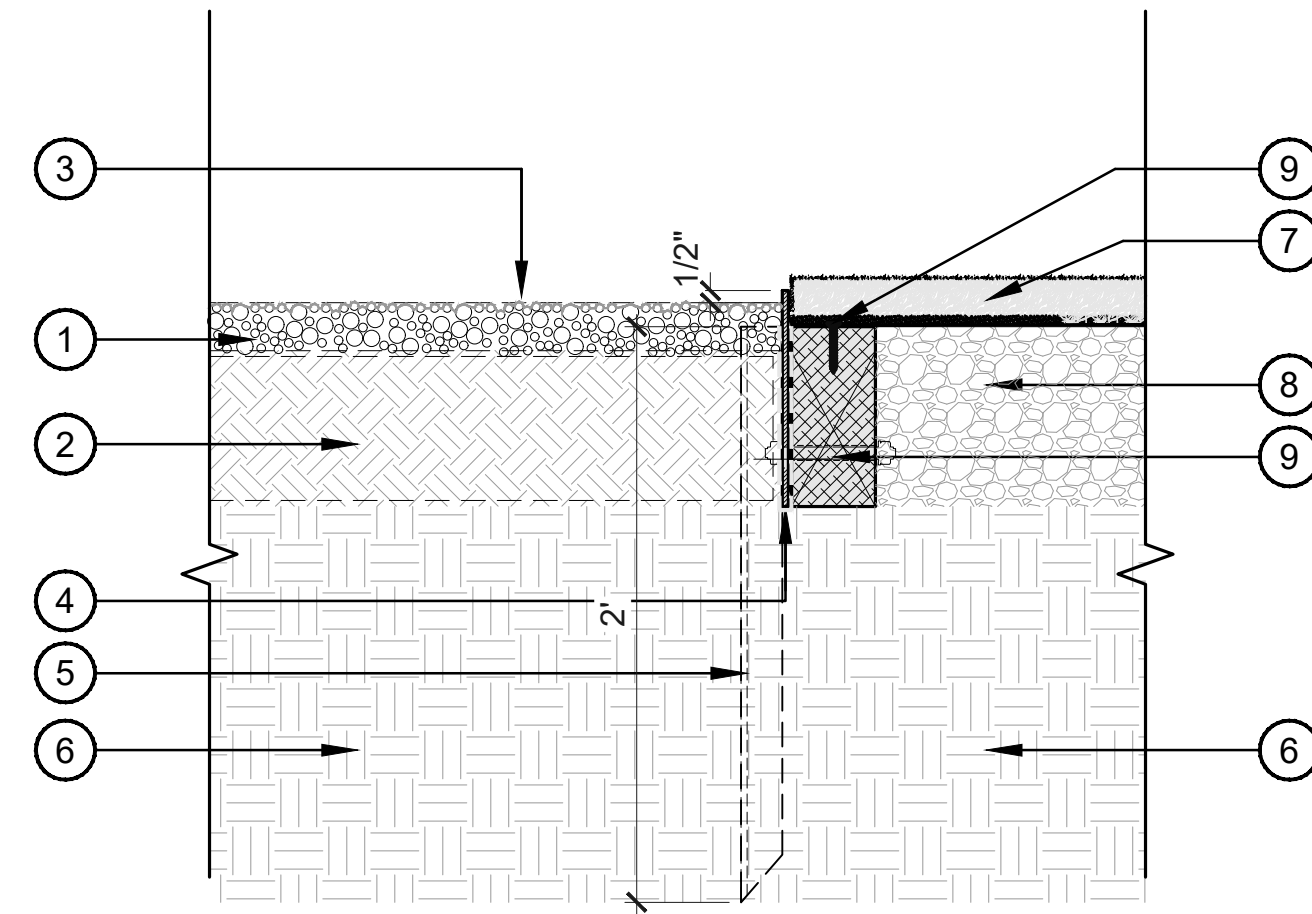
- 1 1/4" MINUS CRUSHED ROCK WITH "SOILSHIELD-LS" BINDER BY SOIL-LOC. INSTALL IN LIFTS PER MANUFACTURER'S SPECIFICATIONS.
- 2 AGGREGATE BASE COURSE COMPACTED PER GEOTECH REPORT.
- 3 SUBGRADE COMPACTED PER GEOTECH REPORT.
- 4 APPLY PRE-EMERGENT HERBICIDE PRIOR TO INSTALLATION.
- 5 SEE HARDSCAPE PLAN FOR COLOR AND SIZE.

NOTE:
CONTRACTOR SHALL PROVIDE MIN. 20LB SAMPLES OF D.G. ON SITE FOR APPROVAL OF LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

AGGREGATE MATERIAL SHALL BE 1/4" MINUS CRUSHED ROCK MATERIAL AS CONFORMING TO 1/4" MINUS GRADATION SPECIFICATIONS PER SOIL SHIELD-LS STANDARDS.

NOTE (CONTINUED):
THE STABILIZING AGENTS SHALL BE SOIL SHIELD-LS BY SOIL-LOC PRODUCTS (WWW.SOIL-LOC.COM) AND SHALL BE INSTALLED PER ALL MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS. SHIELD-LS SHALL BE APPLIED EVENLY AND UNIFORMLY AT THE RATE OF ONE (1) GALLON CONCENTRATE PER 45 SQUARE FEE DILUTED IN WATER AT A RATIO OF 20:1 FOR ALL VEHICULAR CONDITIONS AND AT THE RATE OF ONE (1) GALLON CONCENTRATE PER 60 SQUARE FEET DILUTED IN WATER AT A RATIO OF 20:1 FOR ALL NON-VEHICULAR CONDITIONS.

ALL AREAS AND IMPROVEMENTS ADJACENT TO STABILIZED DECOMPOSED GRANITE PAVING SHALL BE PROTECTED FROM OVERSPRAY AND/OR CONTAMINATION DURING THE APPLICATION OF THE SOILSHIELD LS SYSTEM. CONTRACTOR SHALL MASK ALL ADJACENT CONCRETE PAVING, CURBS, STEEL PLANTERS, CAST IN PLACE CONCRETE ELEMENTS, LIGHT POLE BASES, GABIONS AND ALL OTHER ADJACENT IMPROVEMENTS AS MAY BE DIRECTED BY LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE USING WATERPROOF MASKING PAPER OR SIMILAR PRODUCT TO AVOID ALL POTENTIAL FOR STAINING OR OVERSPRAY.



- 1 TOP DRESS / MULCH AT ALL PLANTING AREAS, REFER TO HARDSCAPE PLANS FOR SIZE & COLOR; 2" MINIMUM DEPTH; 1/2" FROM TOP OF ADJACENT FG
- 2 TOP SOIL / PLANTING MIX; 6" AMENDMENT LAYER PER SPECIFICATION
- 3 PLANTING AREA, REFER TO PLANTING PLAN
- 4 STEEL EDGE RESTRAINT; 1/4" X 8" HRS FLAT BAR CONTINUOUS THROUGH ANCHOR TO PERIMETER NAILER AS REQUIRED
- 5 STAKE; WELD 1-1/2"X1-1/2"X2'-0"L ANGLE TO STEEL EDGING
- 6 SUBBASE / EXISTING NATIVE TOPSOIL COMPACTED PER CIVIL / GEOTECH

- 7 SYNTHETIC LAWN; SEE HARDSCAPE PLANS
- 8 SYNTHETIC LAWN - SUBBASE; ABC FREE DRAINING FILL; 90% COMPACTION; INSTALL PER MANUFACTURER'S SPECIFICATION TYPICAL
- 9 SYNTHETIC LAWN - PERIMETER NAILER; RECYCLED PLASTIC LUMBER RPL: EXPANSION ANCHOR TO ADJACENT MATERIAL W/ #8 SS SCREWS @ 24"OC; INSTALL PER MANUFACTURER'S SPECIFICATION TYPICAL; PROVIDE PRODUCT; SUBMITTAL + PROPOSED INSTALLATION CONFIGURATION DRAWING

3 STABILIZED DECOMPOSED GRANITE

SCALE: 3"=1'-0"

HD-STABDG

4 PLANTER / STEEL EDGE / SYNTHETIC LAWN INTERFACE

SCALE: 1 1/2"=1'-0"

HD-8

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