

SCALE IN FEET

GARLAND STREET

1ST AVE

SAGINAW ST

FLINT RIVER

FOUNTAIN EQUIPMENT ROOM

FOR UNDERPASS - EXISTING & REMOVALS SEE SHEET L12-1

FOR AMPHITHEATER BLOCK - EXISTING SEE SHEET L5-1

FOR WATER WALL BLOCK - EXISTING SEE SHEET L7-1

PROJECT MANAGER: JAMES WHEALEY; DESIGNER: JAMES WHEALEY; DATE: 10/24/2024; 8:13 AM BY: WHEALEY, RUSSELL



Know what's below. Call before you dig.

REV#	DATE	DESCRIPTION	BY



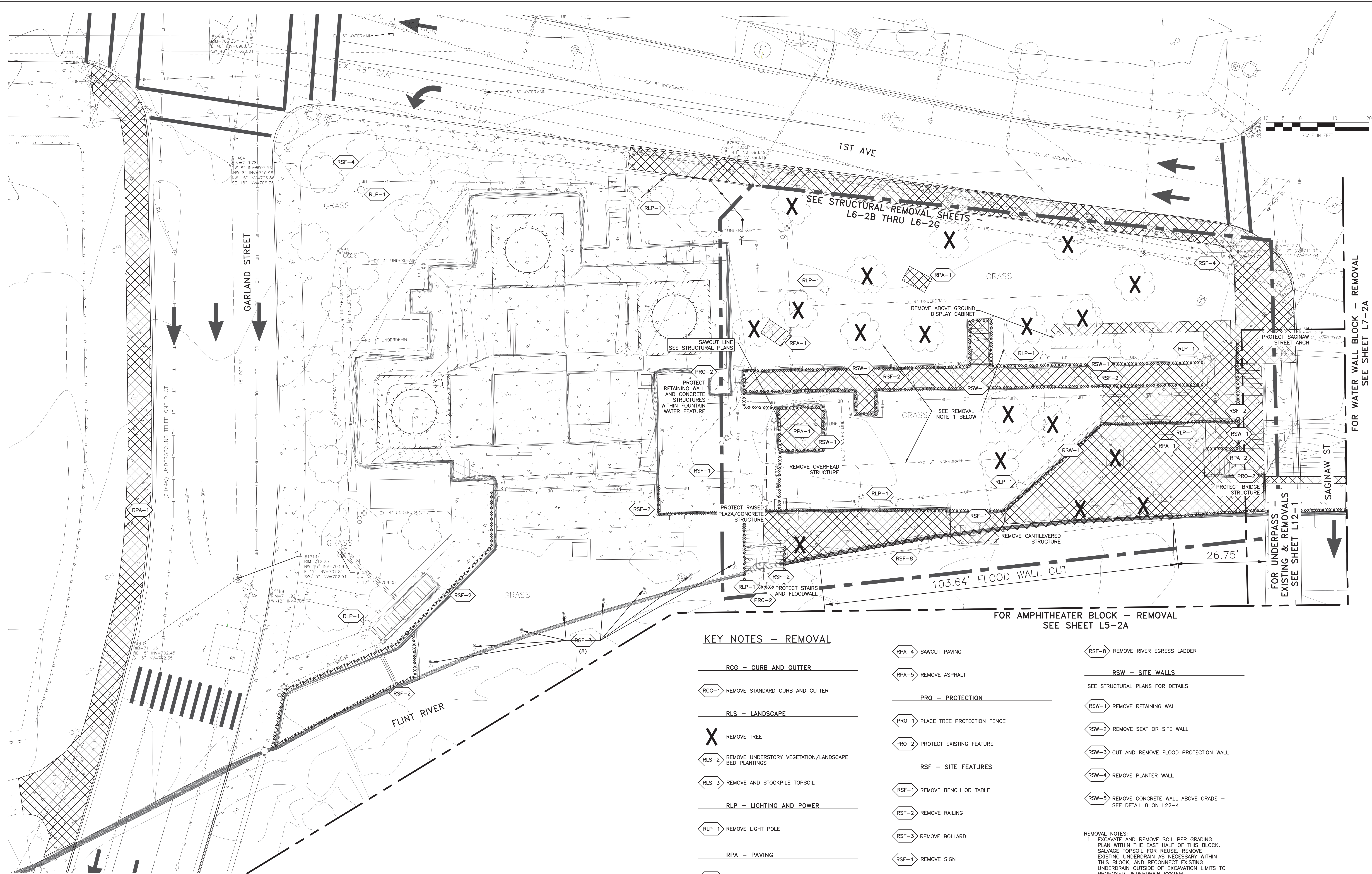
225 S. Saginaw Street, Suite 201
Flint, MI 48502
915.235.2556
www.wadetrim.com

GENESEE COUNTY PARKS & REC
5045 E. STANLEY ROAD
FLINT, MI 48506

FLINT RIVERFRONT RESTORATION - PHASE 2
GRAND FOUNTAIN BLOCK - EXISTING

ISSUED FOR: (FB)	DATE: 10/23/24	BY: SAL	JOB NO.: GPA200301F
SHEET			L6-1

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KEY NOTES - REMOVAL

- RCG - CURB AND GUTTER
- RCG-1 REMOVE STANDARD CURB AND GUTTER
- RLS - LANDSCAPE
- X REMOVE TREE
- RLS-2 REMOVE UNDERSTORY VEGETATION/LANDSCAPE BED PLANTINGS
- RLS-3 REMOVE AND STOCKPILE TOPSOIL
- RLP - LIGHTING AND POWER
- RLP-1 REMOVE LIGHT POLE
- RPA - PAVING
- RPA-1 REMOVE CONCRETE
- RPA-2 REMOVE STAIRS
- RPA-3 REMOVE PAVER

- RPA-4 SAWCUT PAVING
- RPA-5 REMOVE ASPHALT
- PRO - PROTECTION
- PRO-1 PLACE TREE PROTECTION FENCE
- PRO-2 PROTECT EXISTING FEATURE
- RSF - SITE FEATURES
- RSF-1 REMOVE BENCH OR TABLE
- RSF-2 REMOVE RAILING
- RSF-3 REMOVE BOLLARD
- RSF-4 REMOVE SIGN
- RSF-5 REMOVE POST AND ROPE/CHAIN RAILING
- RSF-6 REMOVE GUARDRAIL
- RSF-7 REMOVE CHAIN LINK FENCE

- RSF-8 REMOVE RIVER EGRESS LADDER
- RSW - SITE WALLS
- SEE STRUCTURAL PLANS FOR DETAILS
- RSW-1 REMOVE RETAINING WALL
- RSW-2 REMOVE SEAT OR SITE WALL
- RSW-3 CUT AND REMOVE FLOOD PROTECTION WALL
- RSW-4 REMOVE PLANTER WALL
- RSW-5 REMOVE CONCRETE WALL ABOVE GRADE - SEE DETAIL 8 ON L22-4

REMOVAL NOTES:
 1. EXCAVATE AND REMOVE SOIL PER GRADING PLAN WITHIN THE EAST HALF OF THIS BLOCK. SALVAGE TOPSOIL FOR REUSE. REMOVE EXISTING UNDERDRAIN AS NECESSARY WITHIN THIS BLOCK, AND RECONNECT EXISTING UNDERDRAIN OUTSIDE OF EXCAVATION LIMITS TO PROPOSED UNDERDRAIN SYSTEM

FOR AMPHITHEATER BLOCK - REMOVAL
 SEE SHEET L5-2A

FOR UNDERPASS - EXISTING & REMOVALS
 SEE SHEET L12-1

FOR WATER WALL BLOCK - REMOVAL
 SEE SHEET L7-2A

PROJECT MANAGER: JAMES WEAVER; DESIGNER: JAMES WEAVER; CHECKER: JAMES WEAVER; DATE: 10/24/2024; 8:15 AM BY WHALEY, RUSSELL



REV#	DATE	DESCRIPTION	BY

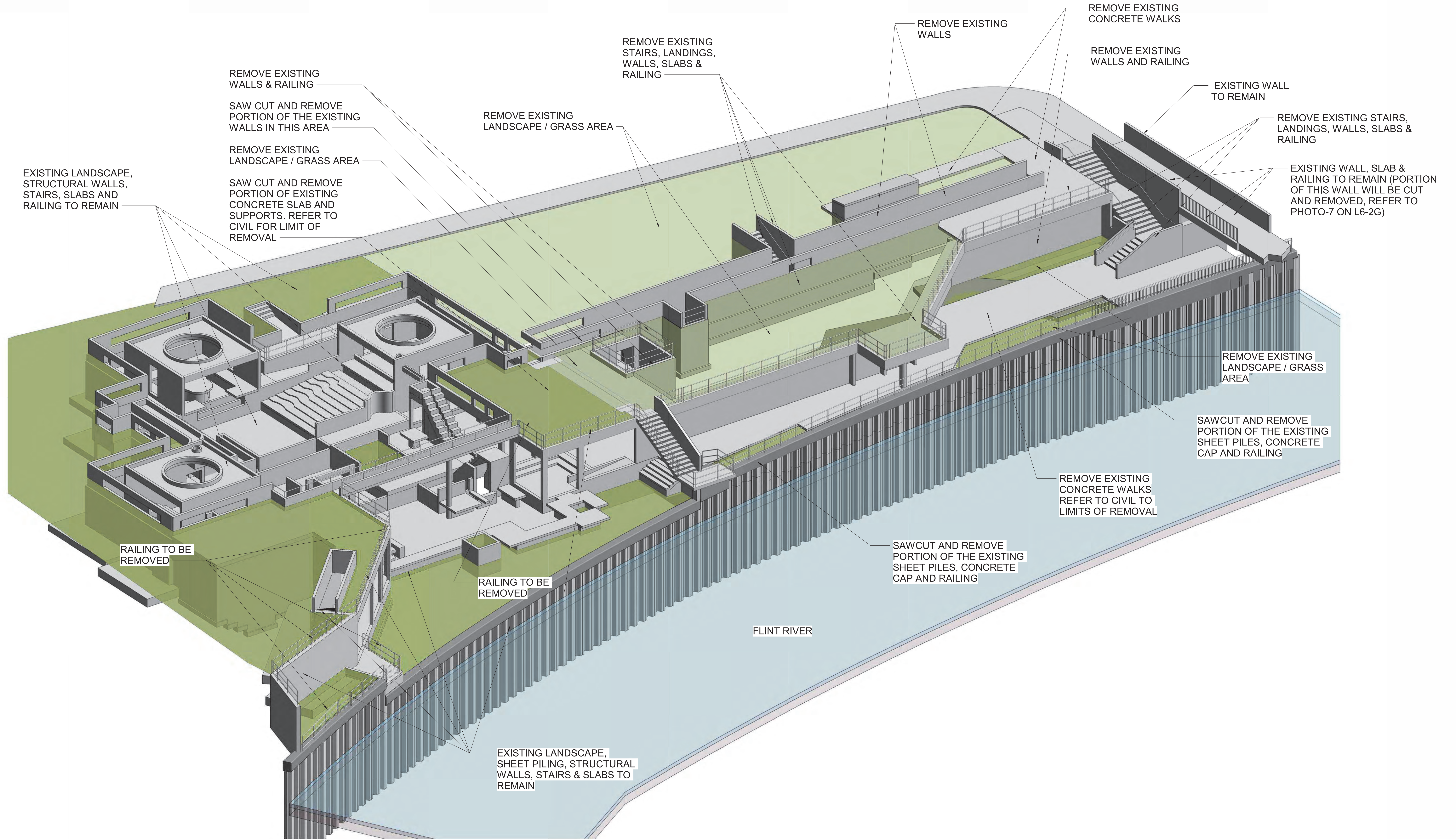


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FLINT RIVERFRONT RESTORATION - PHASE 2
 GRAND FOUNTAIN BLOCK - REMOVAL

ISSUED FOR: FB	DATE: 10/23/24	BY: SAL	JOB NO: GPA200301F
SHEET			L6-2A

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ISOMETRIC VIEW PARTIAL REMOVAL - 1

SCALE: NONE

PROJECT MANAGER: 11/17/2024 2:26:05 PM
 PROJECT: GRAND FOUNTAIN BLOCK - S - R19.rvt

REV#	DATE	DESCRIPTION	BY



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 FLINT, MI 48506

FLINT RIVERFRONT RESTORATION - PHASE 2
 GRAND FOUNTAIN BLOCK
 REMOVAL - STRUCTURAL ISOMETRIC VIEW - 1

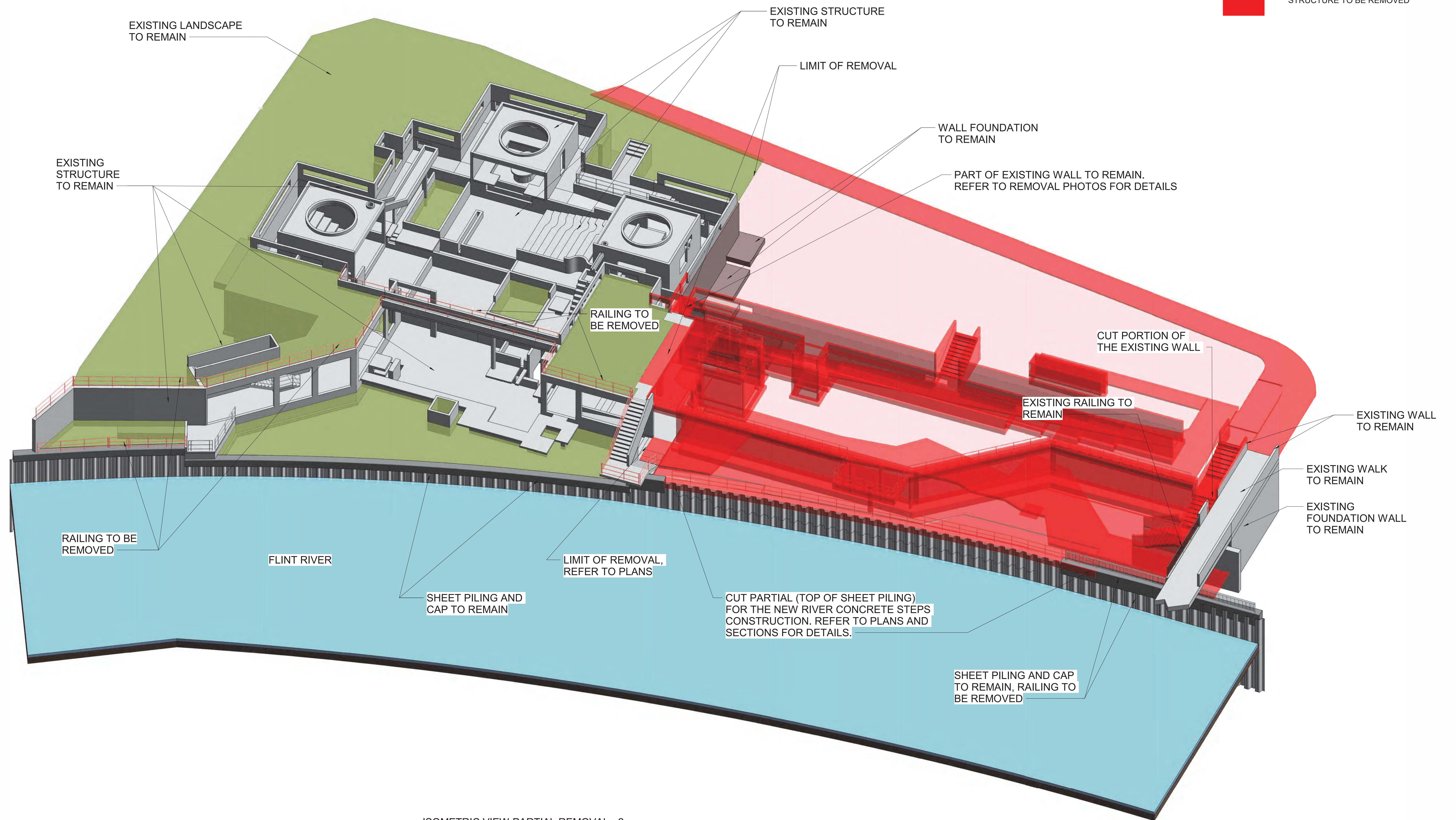
ISSUED FOR: DATE: BY: G
 WB 10/23/24

JOB NO: GPA200301F
 SHEET: L6-2B

FLINT RIVER RESTORATION

REMOVAL ISOMETRIC LEGEND

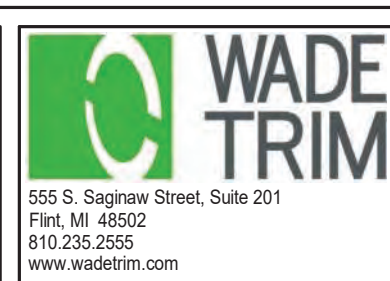
- LANDSCAPE TO BE REMOVED
- STRUCTURE TO BE REMOVED



ISOMETRIC VIEW PARTIAL REMOVAL - 2
SCALE: NONE

PROJECT MANAGER: 11/17/2024 2:24:13 PM
PROPERTY: Grand Fountain Block-S-R19.rvt

REV#	DATE	DESCRIPTION	BY



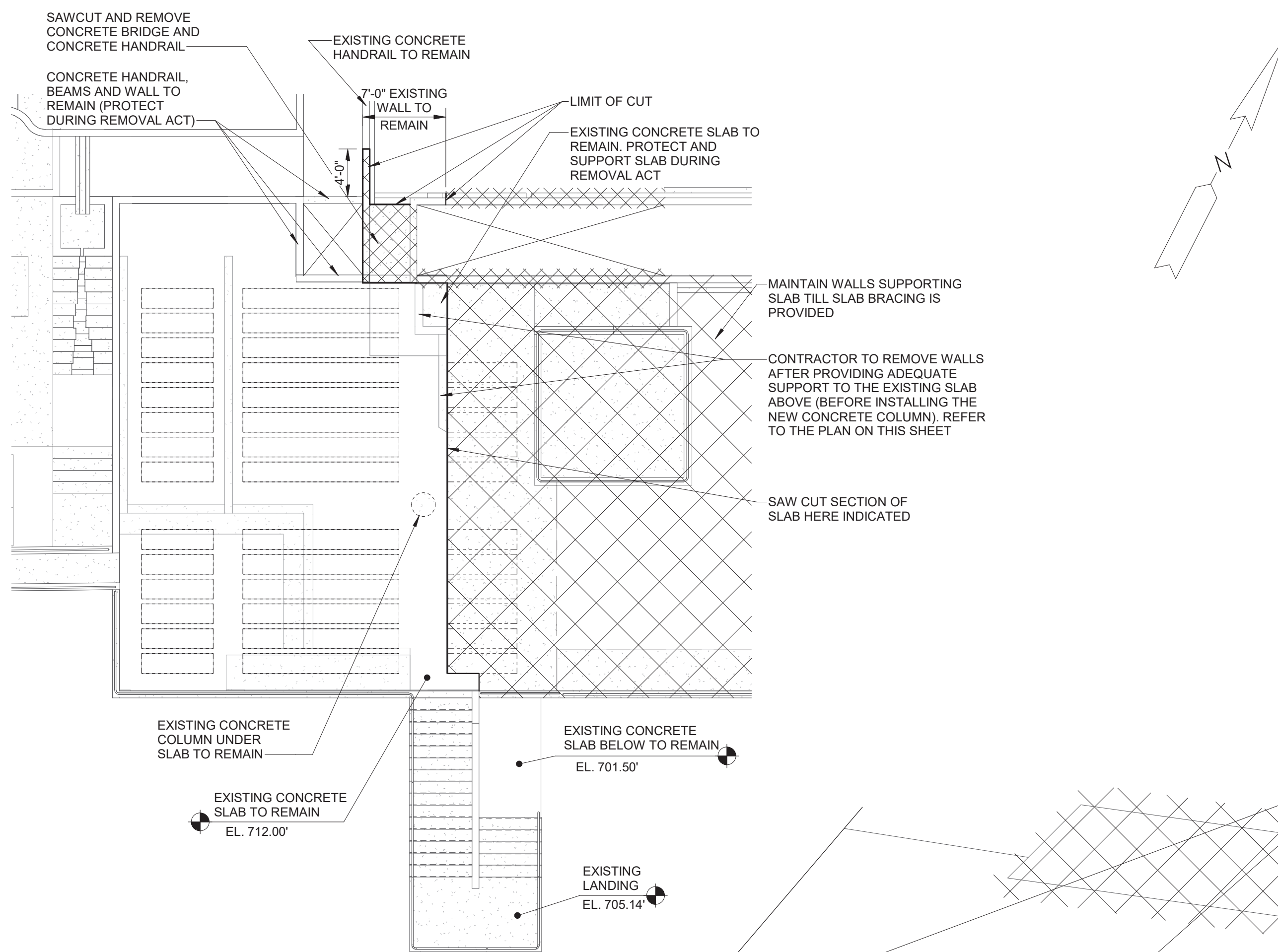
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FLINT RIVERFRONT RESTORATION - PHASE 2
GRAND FOUNTAIN BLOCK
REMOVAL - STRUCTURAL ISOMETRIC VIEW - 2

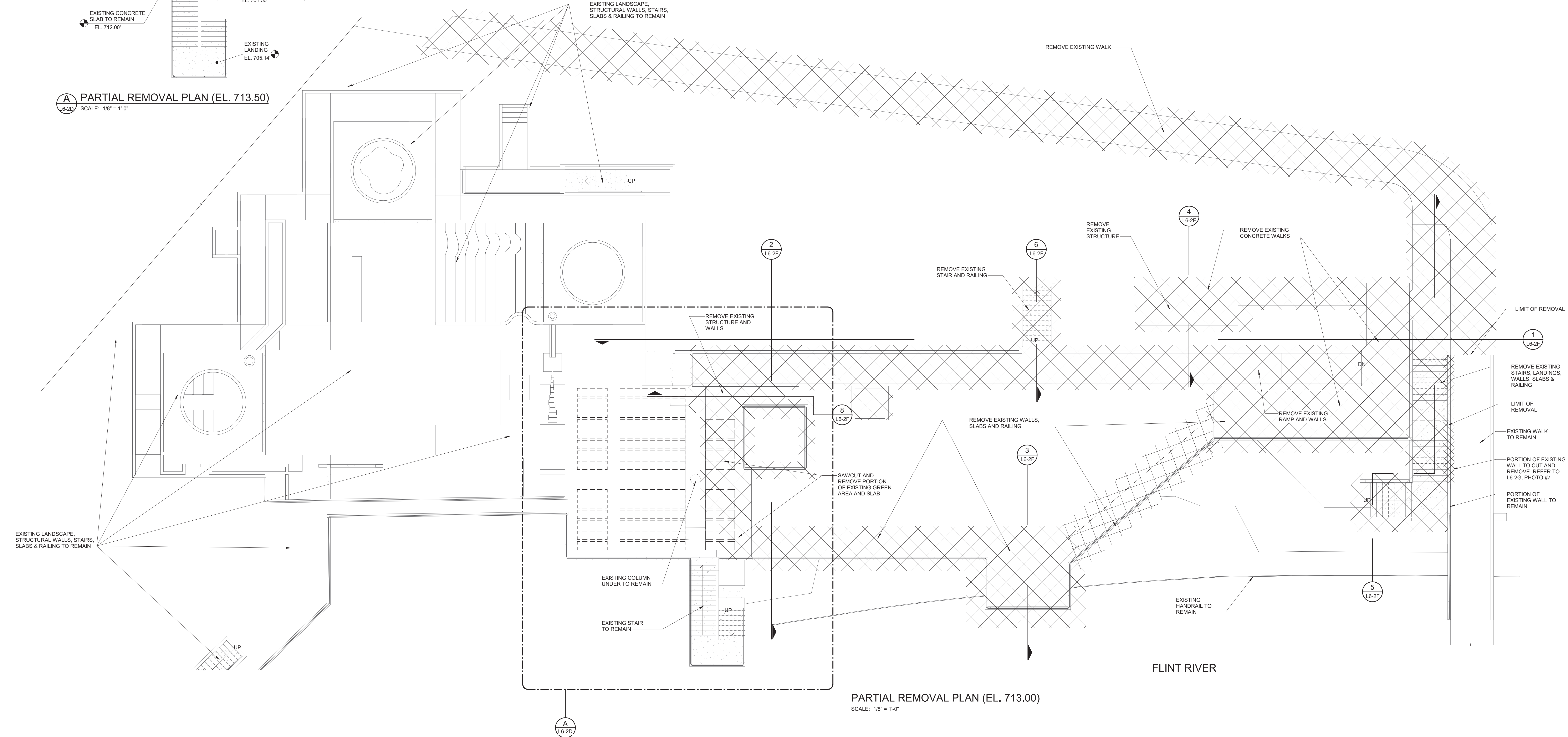
ISSUED FOR: WB
DATE: 10/23/24
BY: G

JOB NO: GPA200301F
SHEET: L6-2C

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(A) PARTIAL REMOVAL PLAN (EL. 713.50)
SCALE: 1/8" = 1'-0"



PARTIAL REMOVAL PLAN (EL. 713.00)
SCALE: 1/8" = 1'-0"

- NOTES:**
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING ELEVATIONS AND DIMENSIONS PRIOR TO CONSTRUCTION.
 - ALL DIMENSIONS OR ELEVATIONS MARKED WITH AN ASTERISK "*" SHALL BE DETERMINED OR VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.
 - THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO PREVENT DAMAGE TO EXISTING STRUCTURES, WHICH ARE TO REMAIN, DURING REMOVAL WORK. ALL DAMAGE SHALL BE REPAIRED TO THE COMPLETE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
 - WHEN REMOVING EXISTING CONCRETE BY CUTTING OR CHIPPING THE CONTRACTOR SHALL ONLY REMOVE REINFORCING BARS WHICH CANNOT BE BENT INTO AREAS WHERE NEW CONCRETE WOULD COMPLETELY COVER THEM.
 - FOR RAILING REMOVAL, REFER TO CIVIL SHEETS.

LEGEND:
[Cross-hatched box] INDICATES REMOVAL

11/17/2024, 2:24:19 PM
PROJECT MANAGER: [redacted]
PLANTING: [redacted]

REV#	DATE	DESCRIPTION	BY

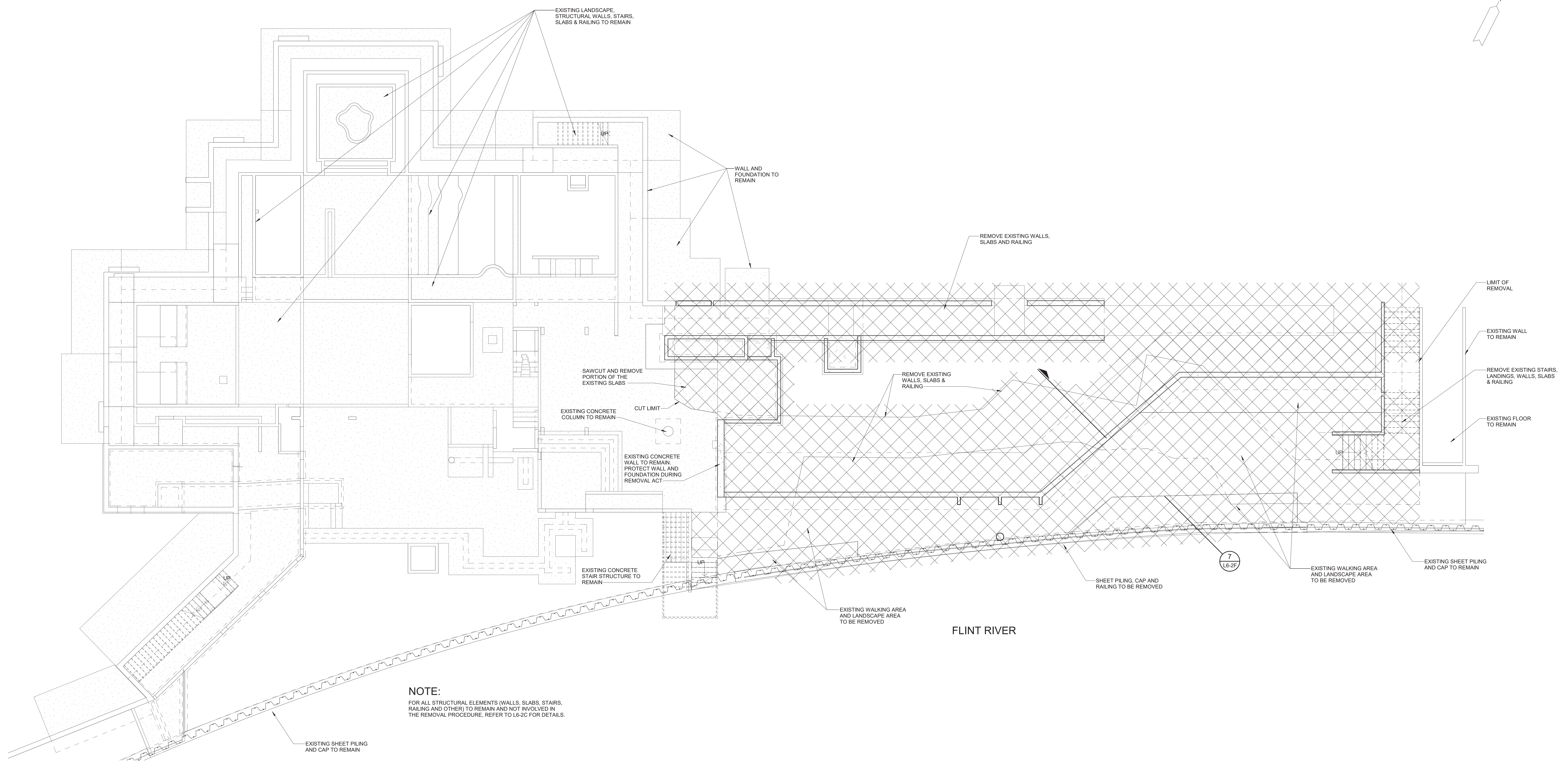
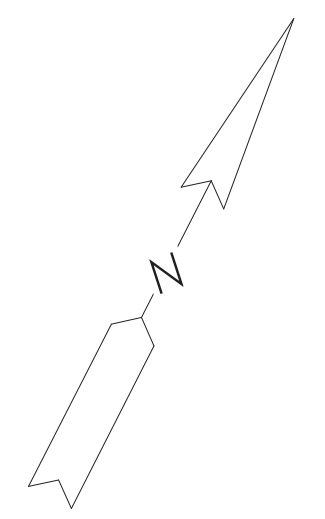
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FLINT RIVERFRONT RESTORATION - PHASE 2
GRAND FOUNTAIN BLOCK
REMOVAL - STRUCTURAL PLANS - 1

ISSUED FOR: [redacted]	DATE: 10/23/24	BY: [redacted]	JOB NO: GPA200301F
			SHEET: L6-2D

FLINT RIVER RESTORATION



NOTE:
 FOR ALL STRUCTURAL ELEMENTS (WALLS, SLABS, STAIRS, RAILING AND OTHER) TO REMAIN AND NOT INVOLVED IN THE REMOVAL PROCEDURE, REFER TO L6-2C FOR DETAILS.

PARTIAL REMOVAL PLAN (EL. 700.00)

SCALE: 1/8" = 1'-0"

PROJECT MANAGER: 11/17/2024 2:24:24 PM

REV#	DATE	DESCRIPTION	BY



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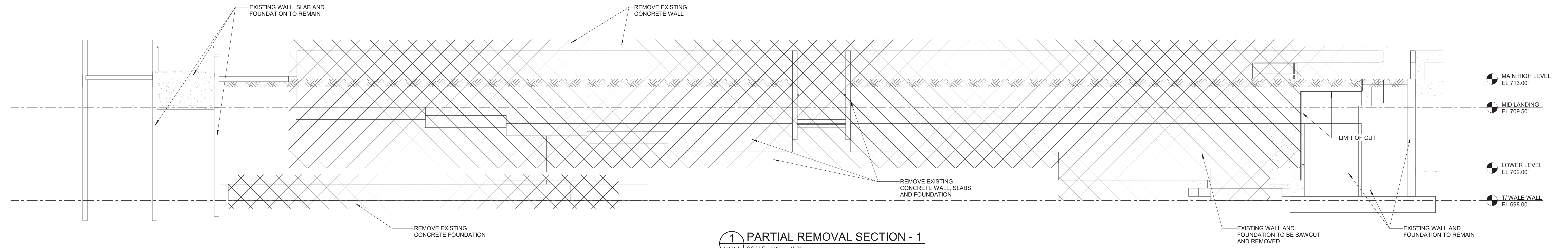
FLINT RIVERFRONT RESTORATION - PHASE 2
 GRAND FOUNTAIN BLOCK
 REMOVAL - STRUCTURAL PLAN - 2

ISSUED FOR: DATE: BY:
 WB 10/23/24 G

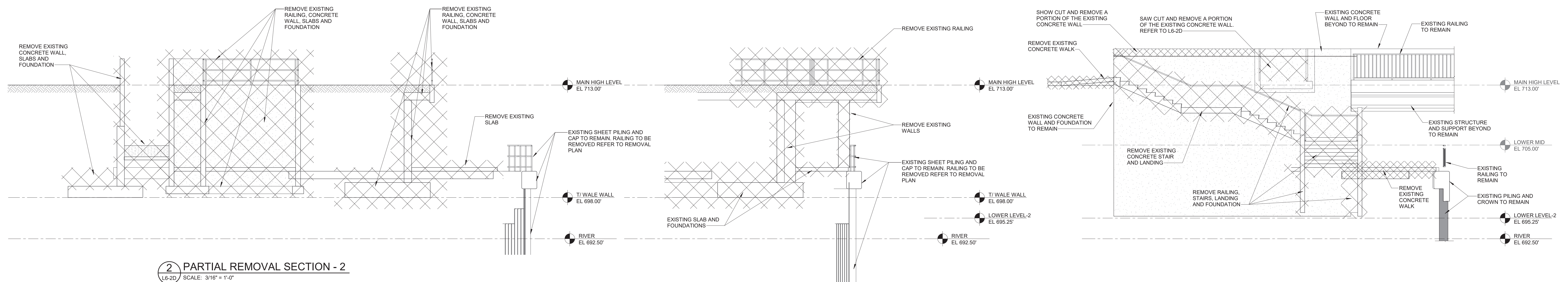
JOB NO: GPA200301F
 SHEET: L6-2E

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11/17/2024 2:24:28 PM
PROJECT MANAGER: P:\GPA\171024\GPA-16-01 Grand Fountain Block-5-819.rvt



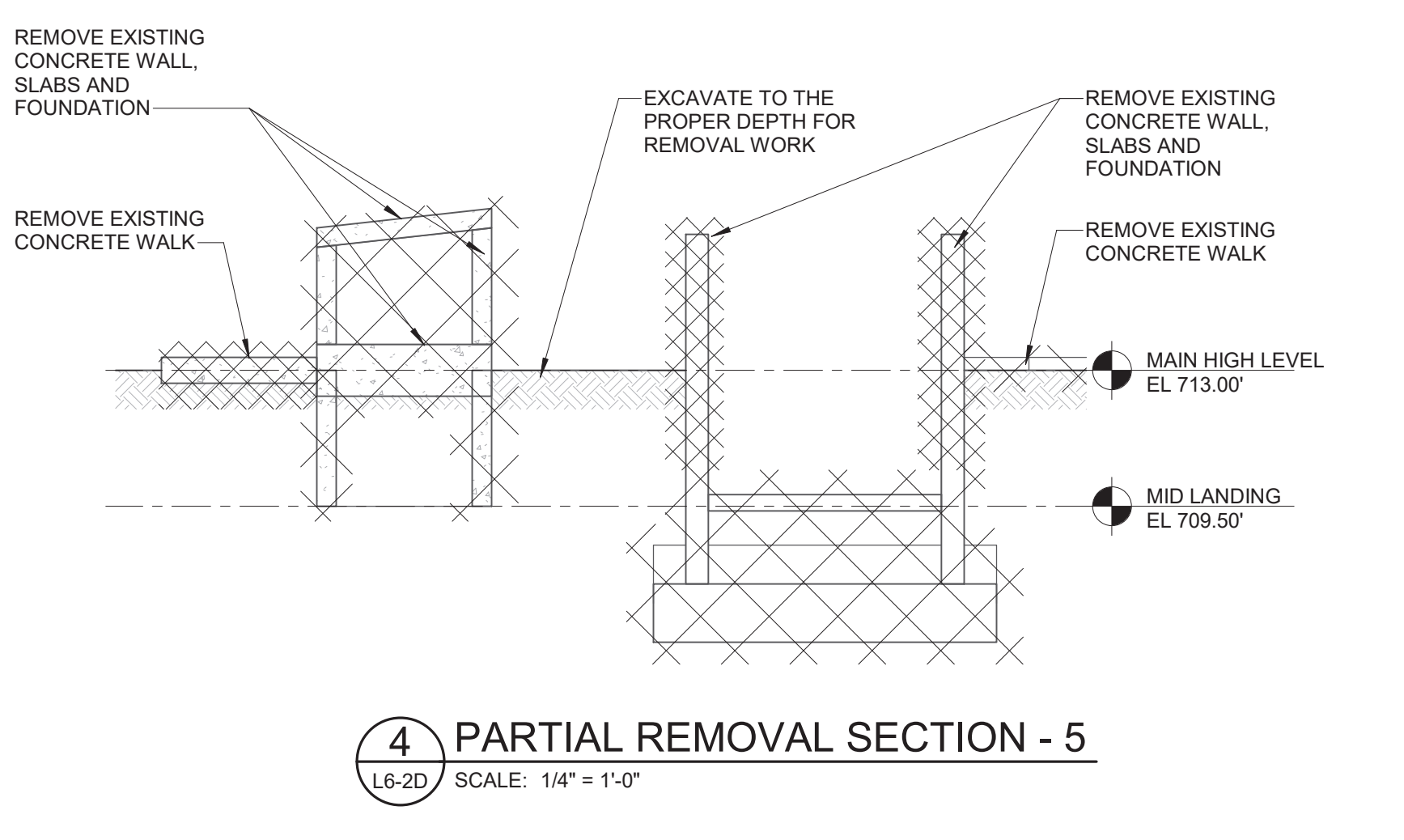
1 PARTIAL REMOVAL SECTION - 1
L6-2D SCALE: 3/16" = 1'-0"



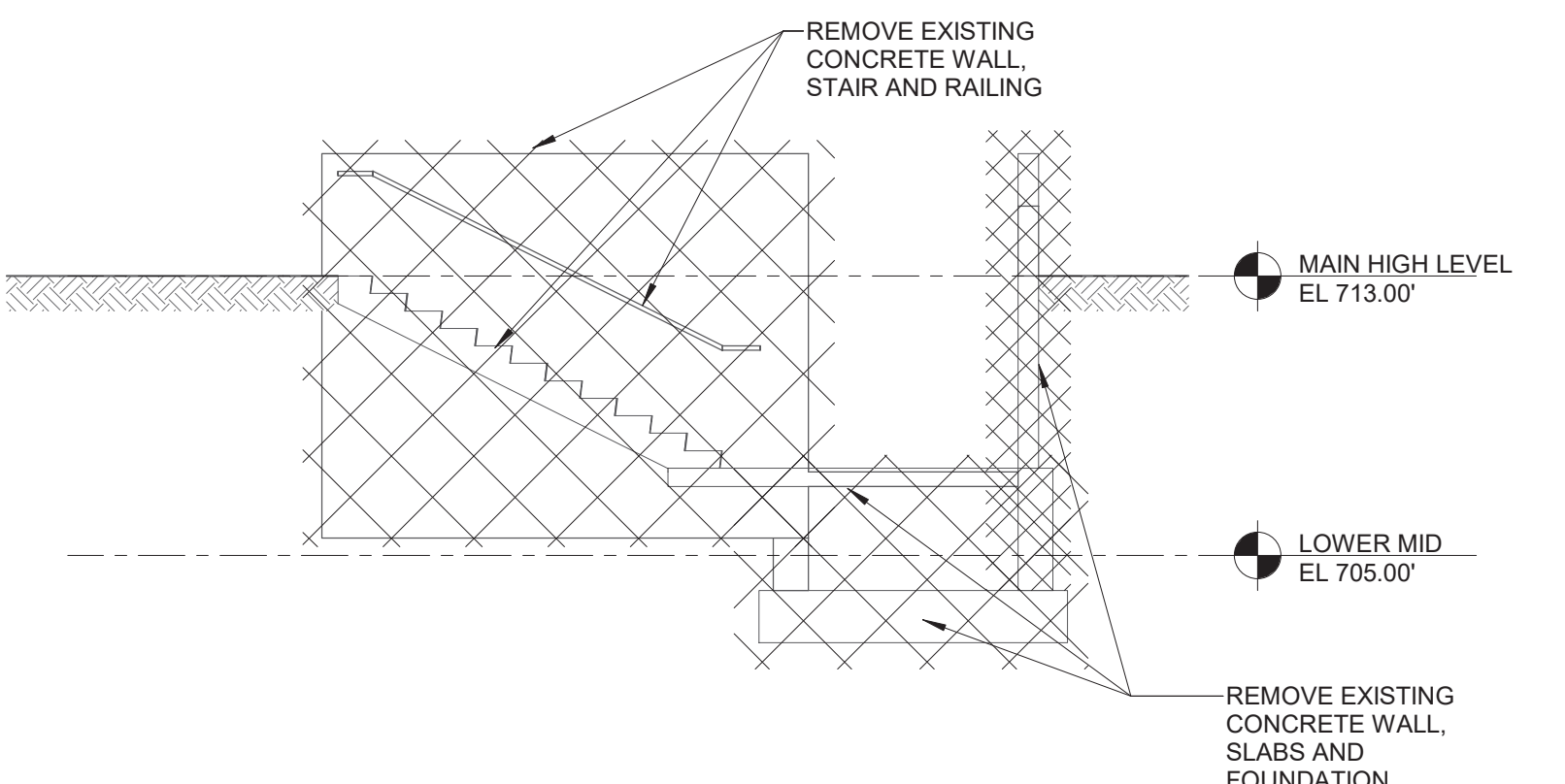
2 PARTIAL REMOVAL SECTION - 2
L6-2D SCALE: 3/16" = 1'-0"

3 PARTIAL REMOVAL SECTION - 3
L6-2D SCALE: 3/16" = 1'-0"

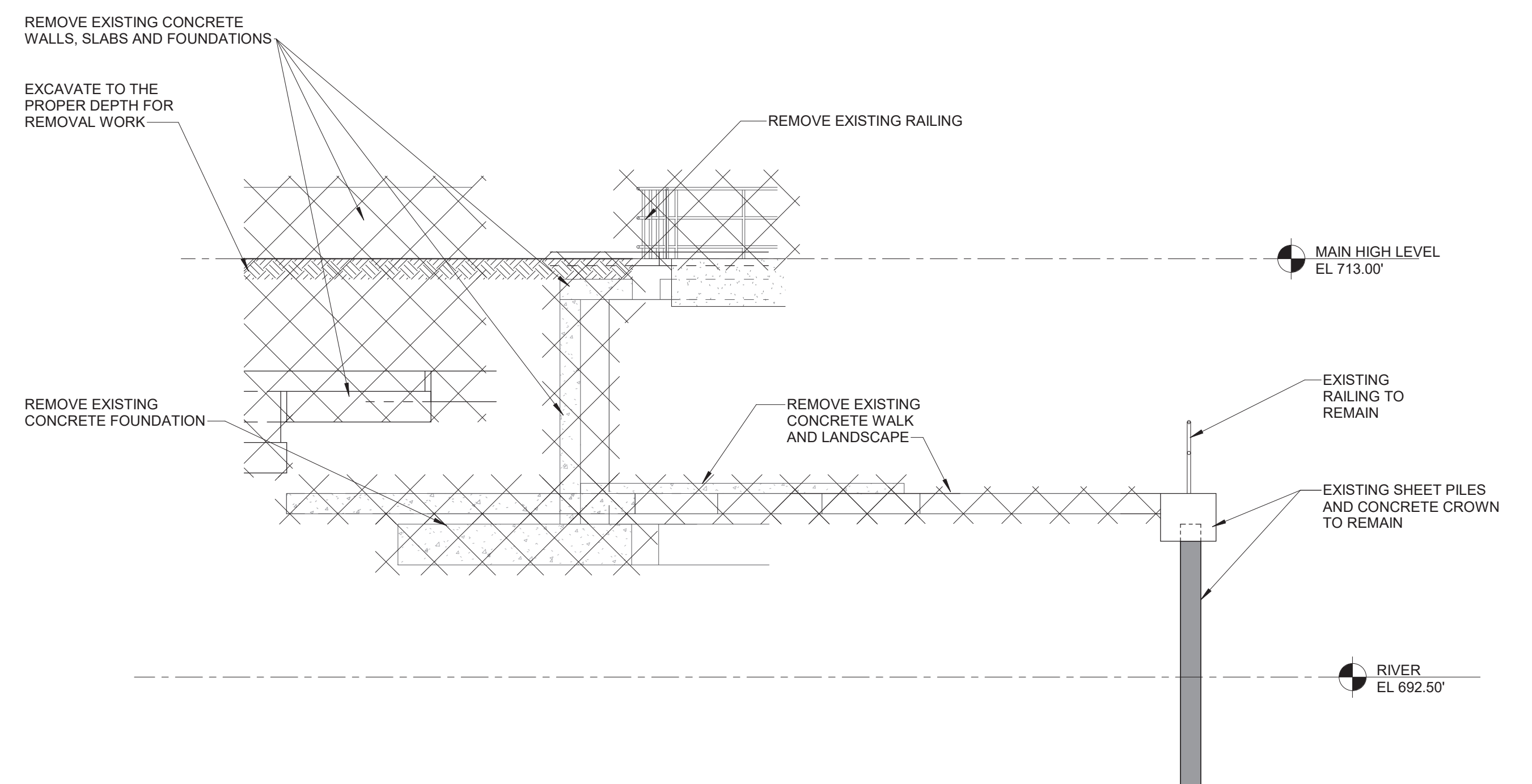
5 PARTIAL REMOVAL SECTION - 4
L6-2D SCALE: 3/16" = 1'-0"



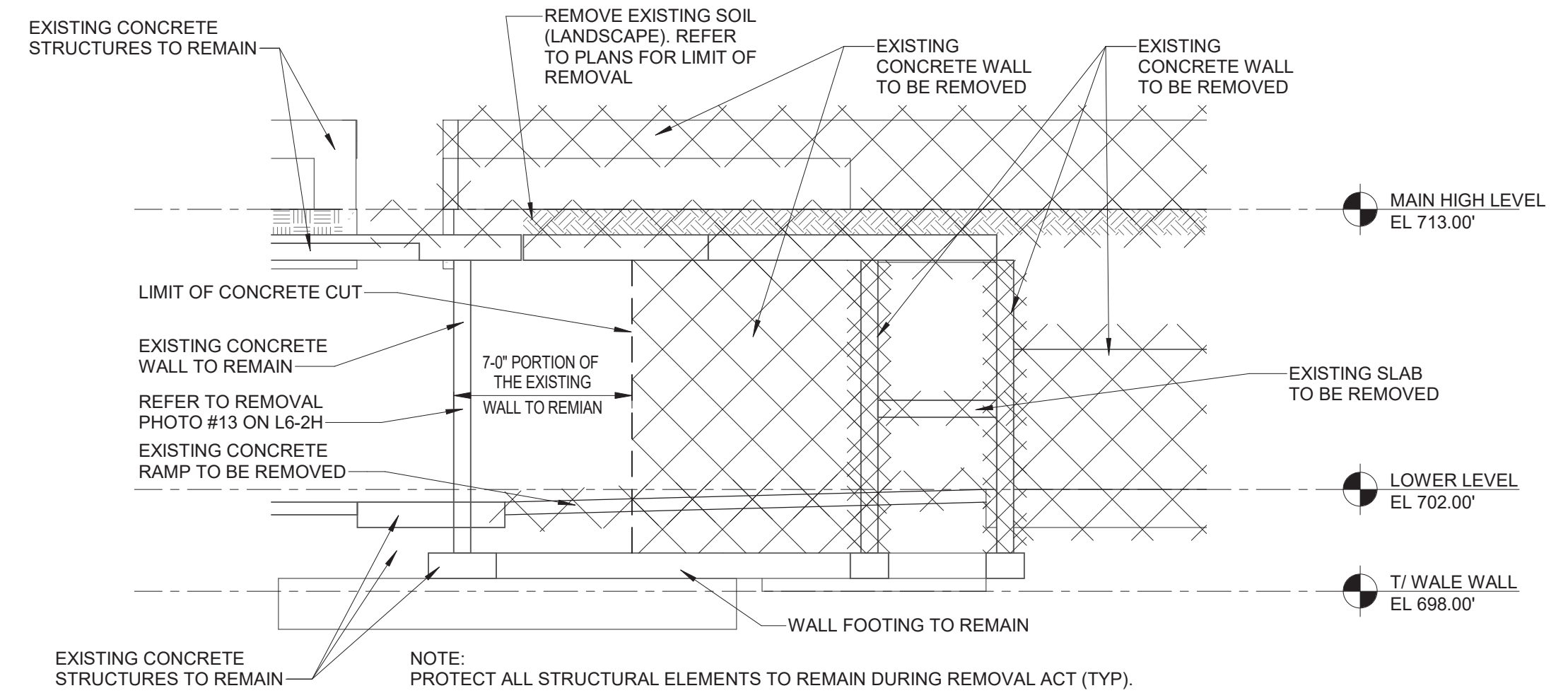
4 PARTIAL REMOVAL SECTION - 5
L6-2D SCALE: 1/4" = 1'-0"



6 PARTIAL REMOVAL SECTION - 6
L6-2D SCALE: 3/16" = 1'-0"



7 PARTIAL REMOVAL SECTION - 7
L6-2E SCALE: 3/16" = 1'-0"



8 PARTIAL REMOVAL SECTION - 8
L6-2D SCALE: 3/16" = 1'-0"

NOTE: PROTECT ALL STRUCTURAL ELEMENTS TO REMAIN DURING REMOVAL ACT (TYP).

REV#	DATE	DESCRIPTION	BY

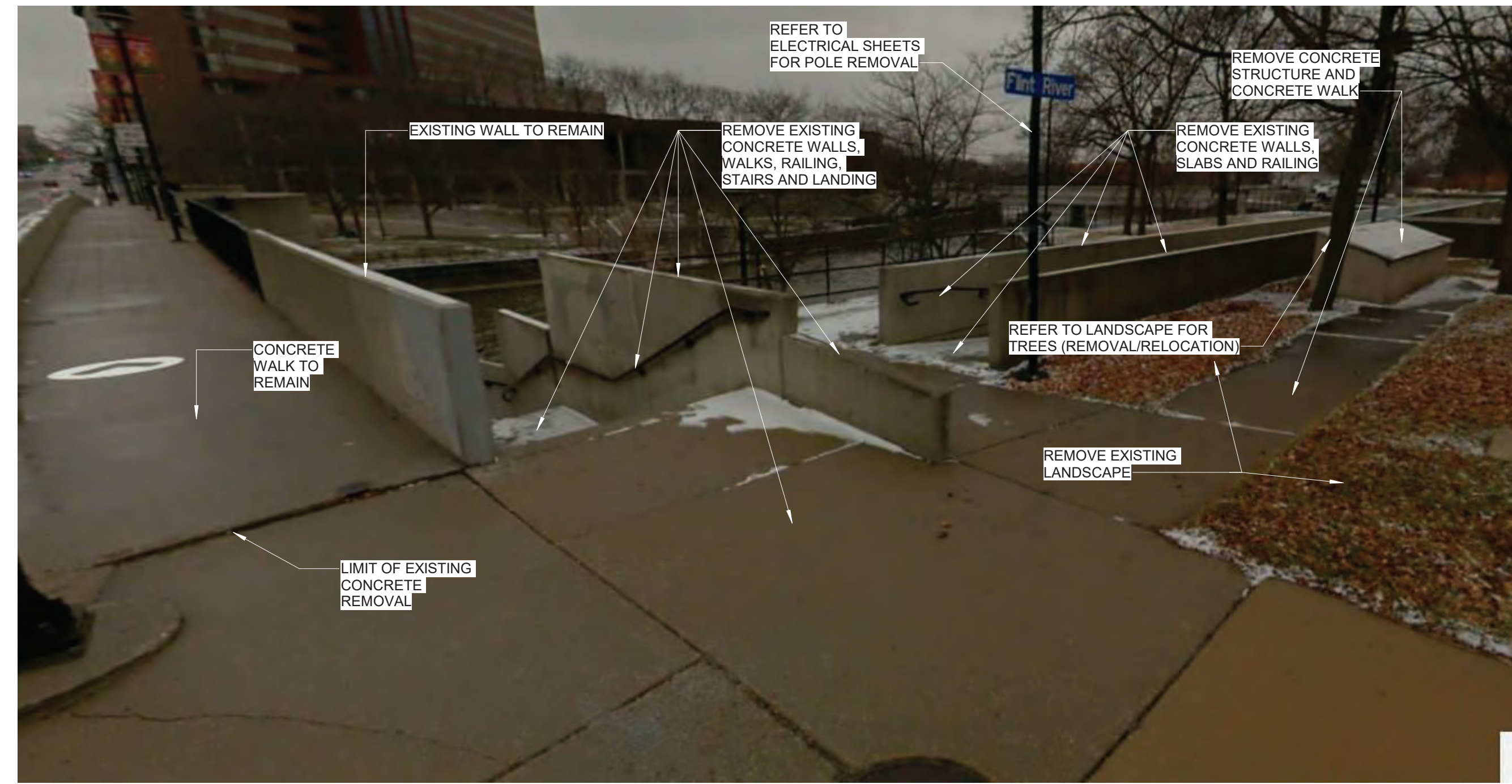


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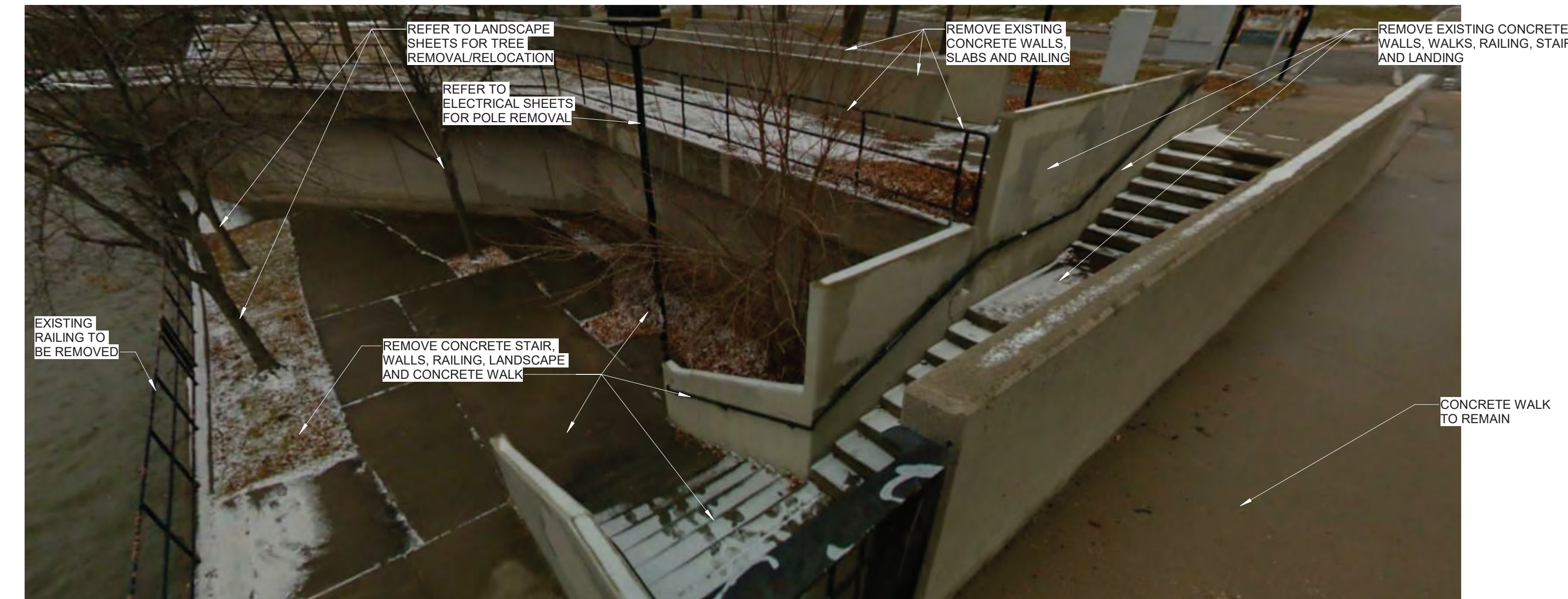
FLINT RIVERFRONT RESTORATION - PHASE 2
GRAND FOUNTAIN BLOCK
REMOVAL - STRUCTURAL SECTIONS

ISSUED FOR: DATE: BY:	JOB NO:
10/23/24 G	GPA200301F
	SHEET
	L6-2F

FLINT RIVER RESTORATION



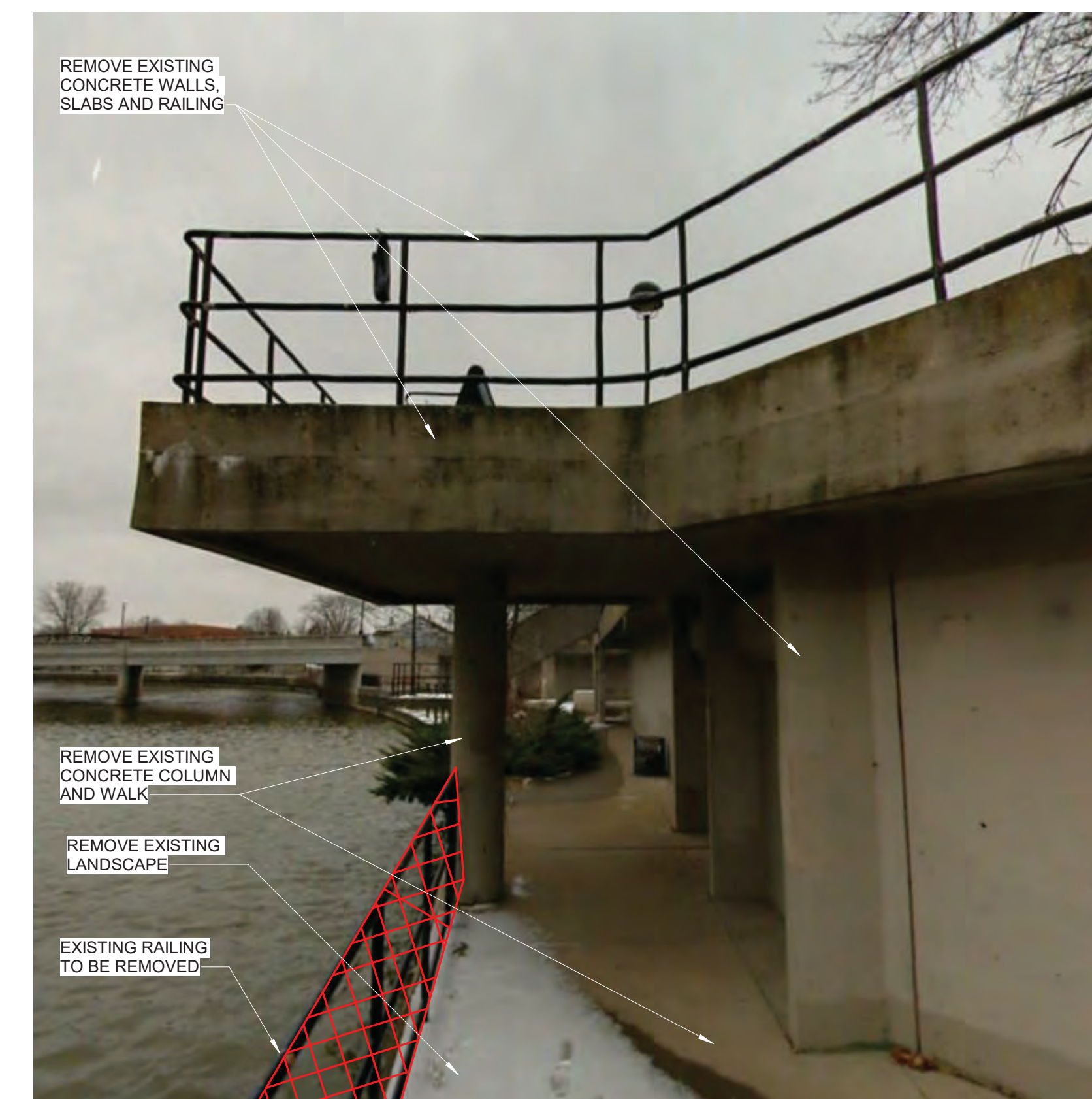
REMOVAL PHOTO-1
SCALE: NONE



REMOVAL PHOTO-2
SCALE: NONE



REMOVAL PHOTO-3
SCALE: NONE



REMOVAL PHOTO-4
SCALE: NONE

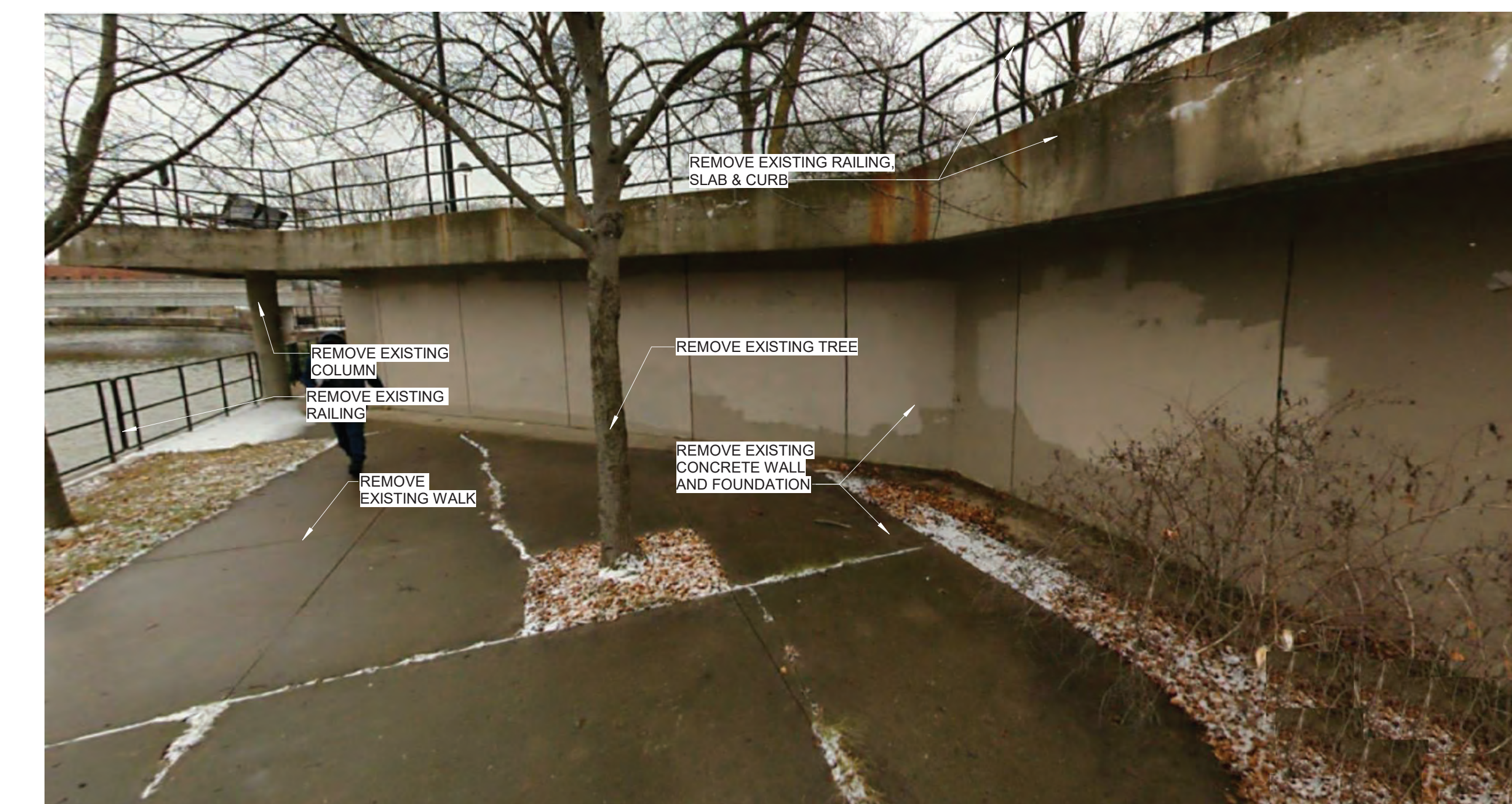


NOTES:
1. REFER TO PARTIAL REMOVAL PLAN ON L6-2D.
2. PROTECT ALL STRUCTURAL ELEMENT TO REMAIN DURING REMOVAL ACT.

REMOVAL PHOTO-7
SCALE: NONE

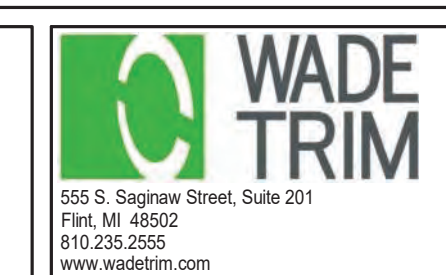


REMOVAL PHOTO-5
SCALE: NONE



REMOVAL PHOTO-6
SCALE: 1/4" = 1'-0"

REV#	DATE	DESCRIPTION	BY



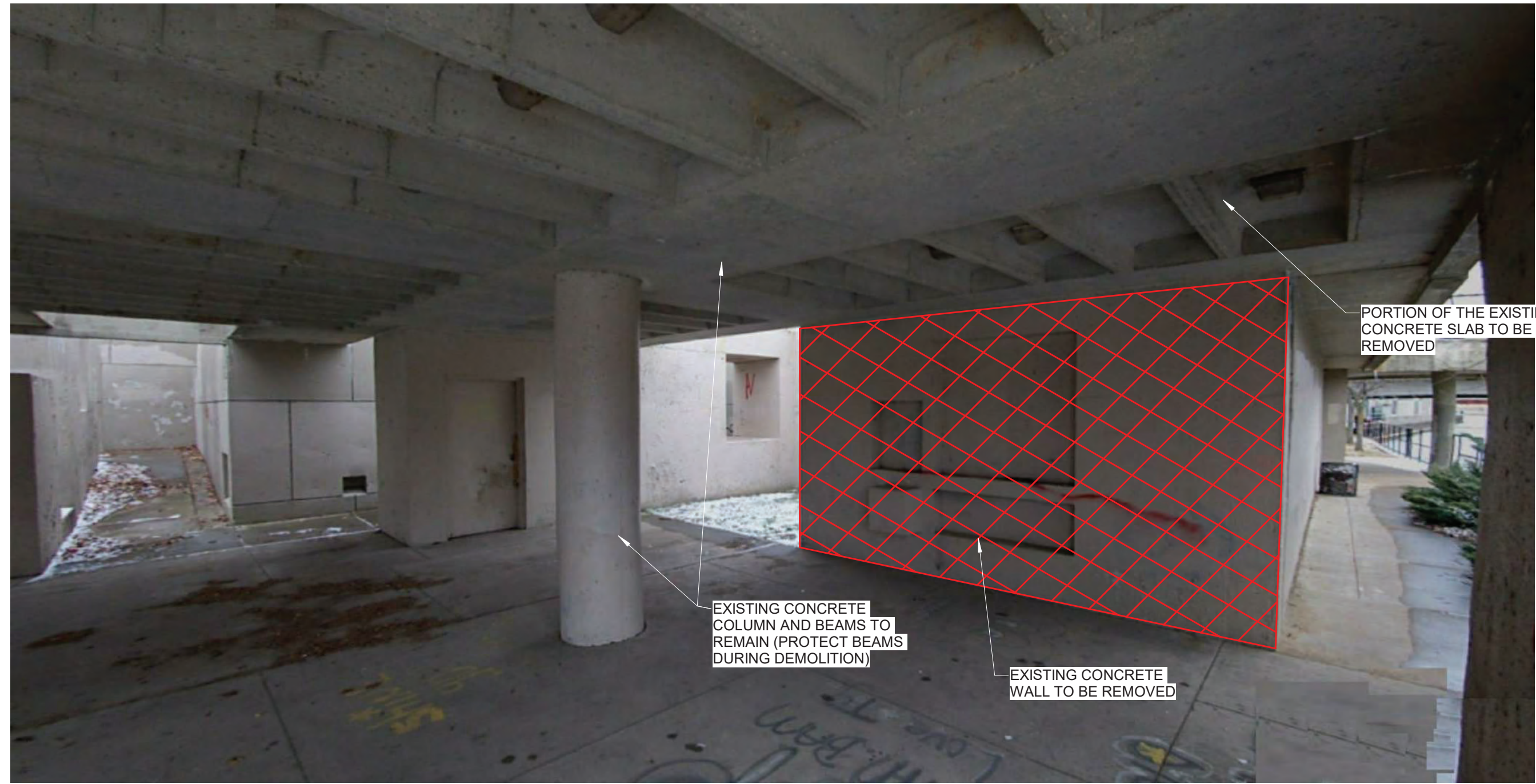
GENESSEE COUNTY PARKS & REC
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FLINT, MI 48506

FLINT RIVERFRONT RESTORATION - PHASE 2
GRAND FOUNTAIN BLOCK
REMOVAL - STRUCTURAL PHOTOS - 1

ISSUED FOR:	DATE:	BY:	JOB NO:
WB	10/23/24	G	GPA200301F
SHEET			L6-2G

PROJECT MANAGER: 11/17/2024 2:26:30 PM
PROPERTY: Grand Fountain Block-S-R19.pdf

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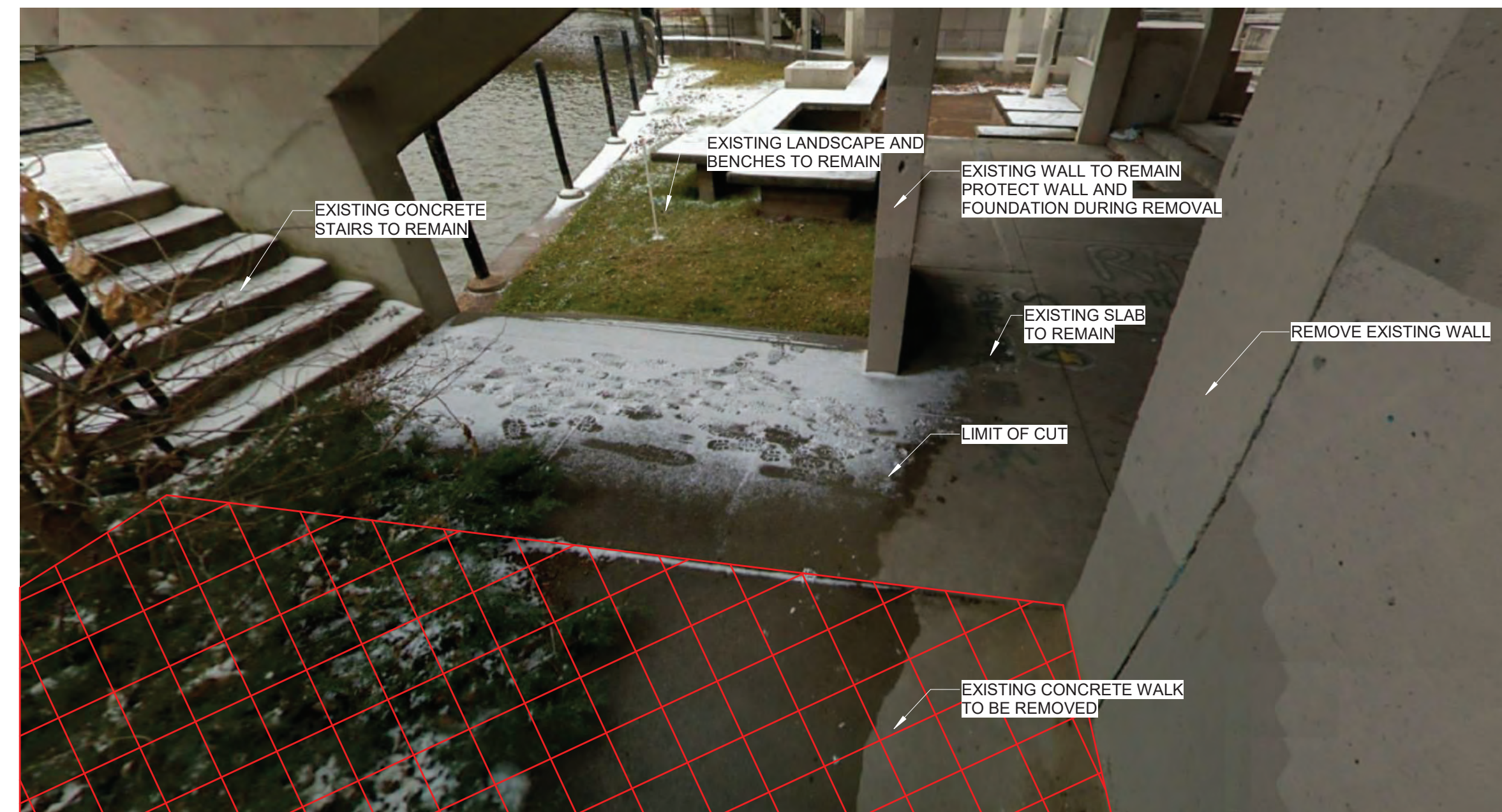
REMOVAL PHOTO-8
SCALE: NONE



REMOVAL PHOTO-9
SCALE: NONE



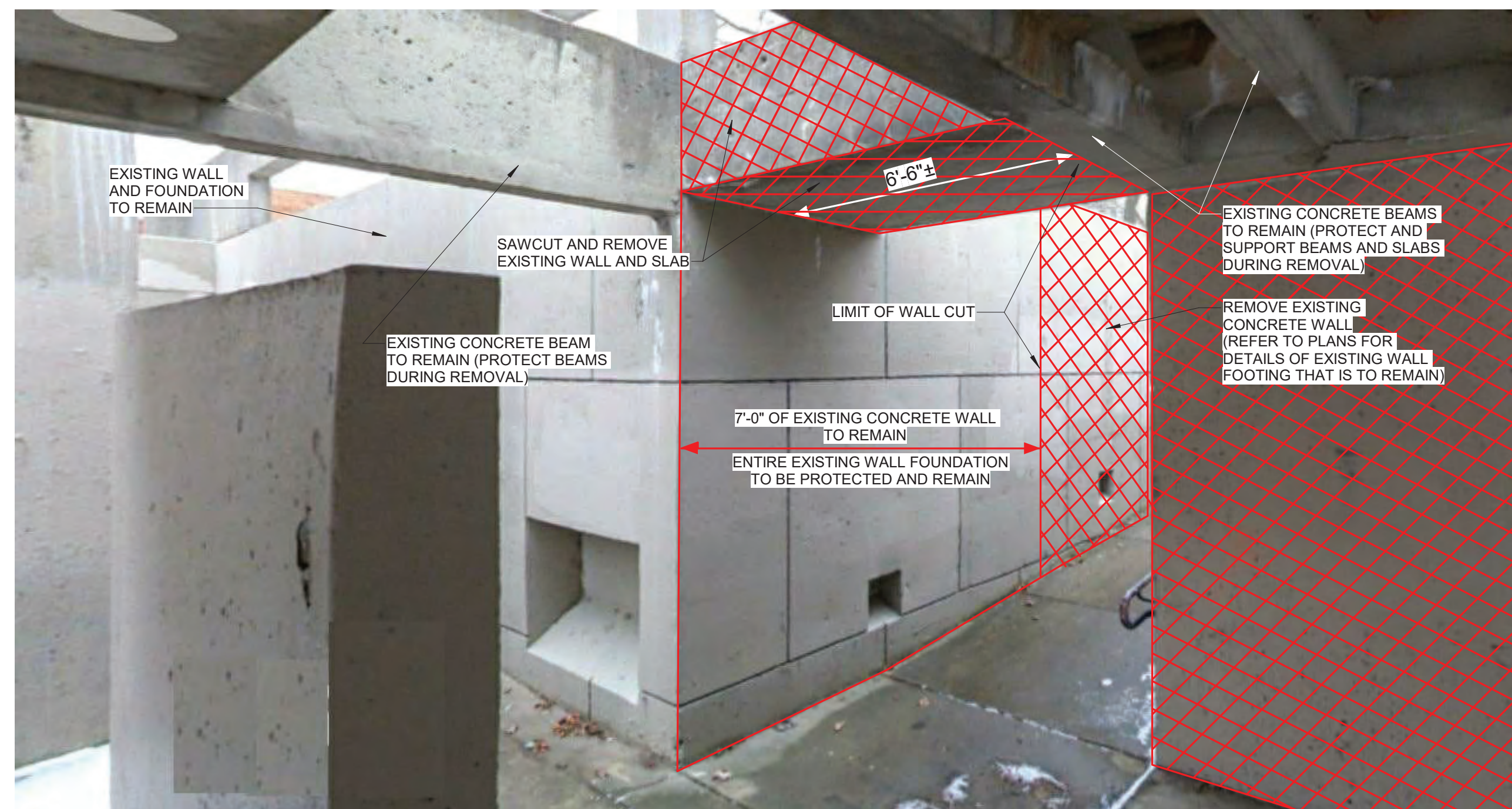
REMOVAL PHOTO-10
SCALE: NONE



REMOVAL PHOTO-11
SCALE: NONE

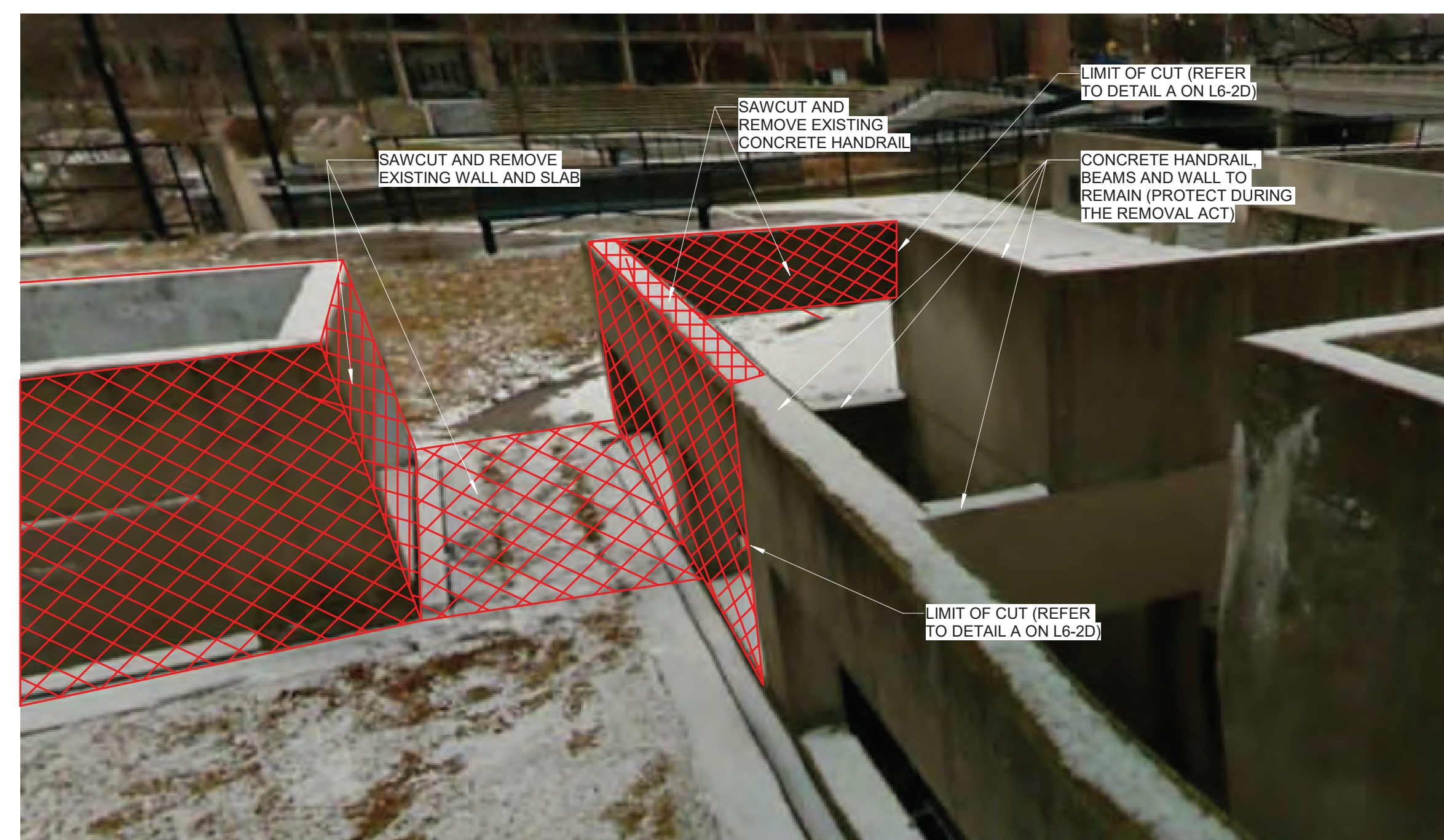


REMOVAL PHOTO-12
SCALE: NONE



REMOVAL PHOTO-13
SCALE: NONE

NOTES:
1. REFER TO PARTIAL REMOVAL SECTION 8 ON L6-2F.
2. PROTECT ALL STRUCTURAL ELEMENTS THAT ARE TO REMAIN DURING REMOVAL ACT.



REMOVAL PHOTO-14
SCALE: NONE

PROJECT MANAGER: 11/17/2024 2:24:35 PM
PROPERTY: Grand Fountain Block-S-R19.pdf

REV#	DATE	DESCRIPTION	BY



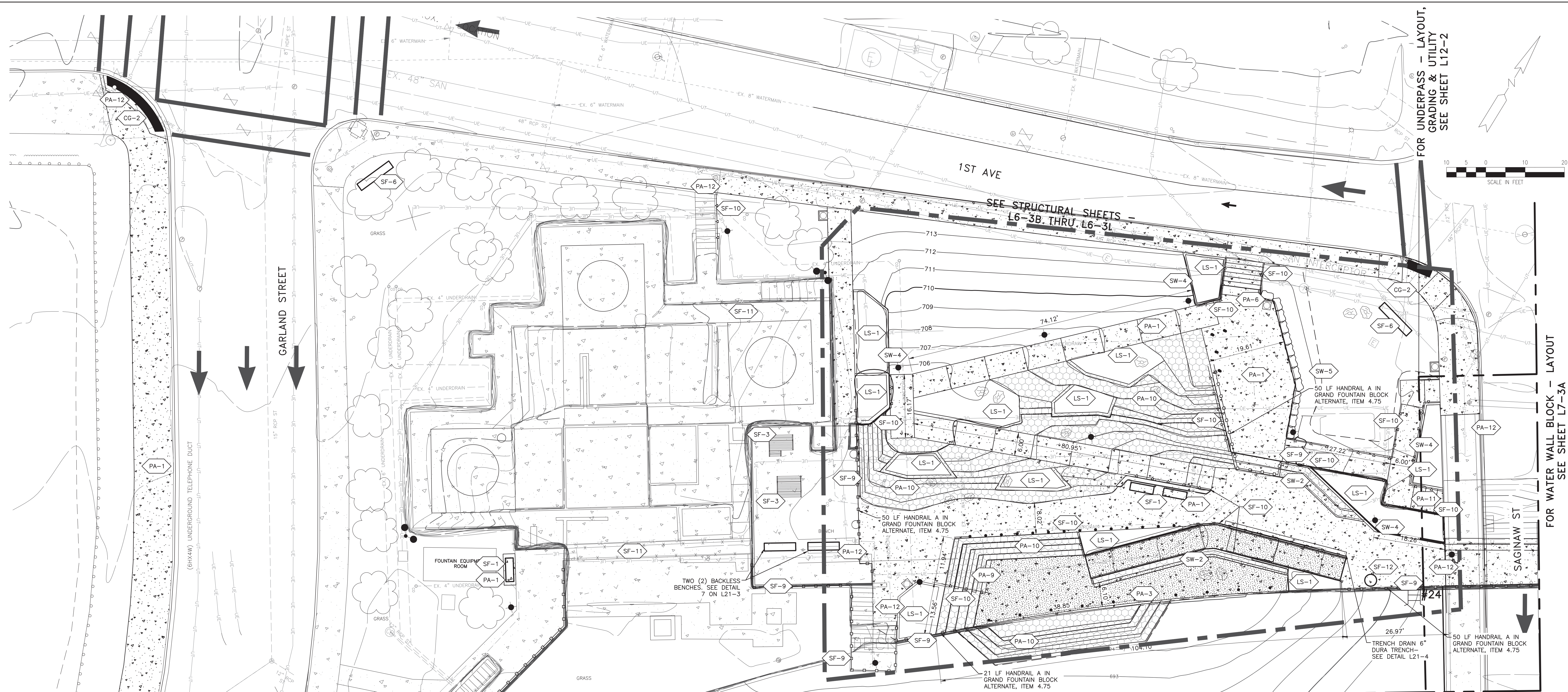
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FLINT, MI 48506

FLINT RIVERFRONT RESTORATION - PHASE 2
GRAND FOUNTAIN BLOCK
REMOVAL - STRUCTURAL PHOTOS - 2

ISSUED FOR: DATE: BY:
WB 10/23/24 G

JOB NO: GPA200301F
SHEET: L6-2H

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KEY NOTES - PROPOSED

CG - CURB AND GUTTER

- CG-1 STANDARD CURB AND GUTTER (11 / L21-1)
- CG-2 CURB RAMP (9 / L21-1)

LS - LANDSCAPE

- LS-1 PLANTER BED (3 / L23-1)
- LS-2 BIORETENTION BED (1 / L23-1)
- LANDSCAPE BOULDER (2 / L23-1)
- BARRIER BOULDER (9 / L21-3)
- LS-5 TREE GRATE (14 / L21-1)
- LS-6 RIVER ACCESS STONE

PA - PAVING

- PA-1 CONCRETE WALK - STANDARD (3 / L21-1)
- PA-2 CONCRETE WALK 8" - REINFORCED (4 / L21-1)
- PA-3 CONCRETE WALK - EXPOSED AGGREGATE (6 / L21-1)
- PA-4 CONCRETE - INTEGRAL COLOR (3 / L21-1)
- PA-5 ASPHALT ROADWAY (1 / L21-1)
- PA-6 ASPHALT TRAIL (2 / L21-1)
- PA-7 PERMEABLE PAVER (8 / L21-1)
- PA-8 STANDARD PAVER (7 / L21-1)
- PA-9 STAIRS - STANDARD (1 / L21-1)
- PA-10 STAIRS - CUSTOM (8 / L21-4)
- PA-11 STAIRS - PERRONS

PA - PAVING

- PA-12 MEET EXISTING PAVEMENT
- PA-13 CROSSWALK

SF - SITE FEATURES

- SF-1 BENCH - STANDARD (6 / L21-3)
- SF-2 SWINGING BENCH (10 / L21-5)
- SF-3 PICNIC TABLE (9 / L21-3)
- LITTER BIN (8 / L21-3)
- SF-5 BIKE RACKS (10 / L21-3)
- SF-6 PARK SIGN
- RIVER EGRESS LADDER (8 / L21-3)
- SF-8 BBQ GRILL AND ASH BIN (2 / L21-6)
- SF-9 RAILING - TYPE A (1 / L21-3)

SF - SITE FEATURES

- SF-10 RAILING - TYPE B (8 / L21-2)
- SF-11 EXISTING HANDRAIL - CLEANING AND PAINTING
- SF-12 USCC LIFE RING (7 / L21-5)

SW - SITE WALLS

- SEE STRUCTURAL PLANS FOR DETAILS
- SW-1 RETAINING WALL
- SW-2 SEAT WALL
- SW-3 FLOOD PROTECTION WALL
- SW-4 RAISED PLANTER WALL
- SW-5 OUTCROPPING STONE WALL (9 / L21-5)
- SW-6 CURB WALL

HANDRAIL A NOTES:
HANDRAIL A IS INCLUDED IN THE BASE BID UNLESS NOTED OTHERWISE

FIELD BOOK INFORMATION: PROJECT MANAGER: MEGAN WOLTRAMP; DESIGNER: MEGAN WOLTRAMP; DATE: 11/13/2024; 4:45 PM; BY: MEGAN WOLTRAMP; CHECKED: MEGAN WOLTRAMP; DATE: 11/13/2024; 4:45 PM; BY: MEGAN WOLTRAMP; PLOTTED: 11/13/2024; 4:45 PM; BY: MEGAN WOLTRAMP; FILE: L6-3A; PROJECT: FLINT RIVERFRONT RESTORATION - PHASE 2 GRAND FOUNTAIN BLOCK - LAYOUT; SHEET: L6-3A



REV#	DATE	DESCRIPTION	BY

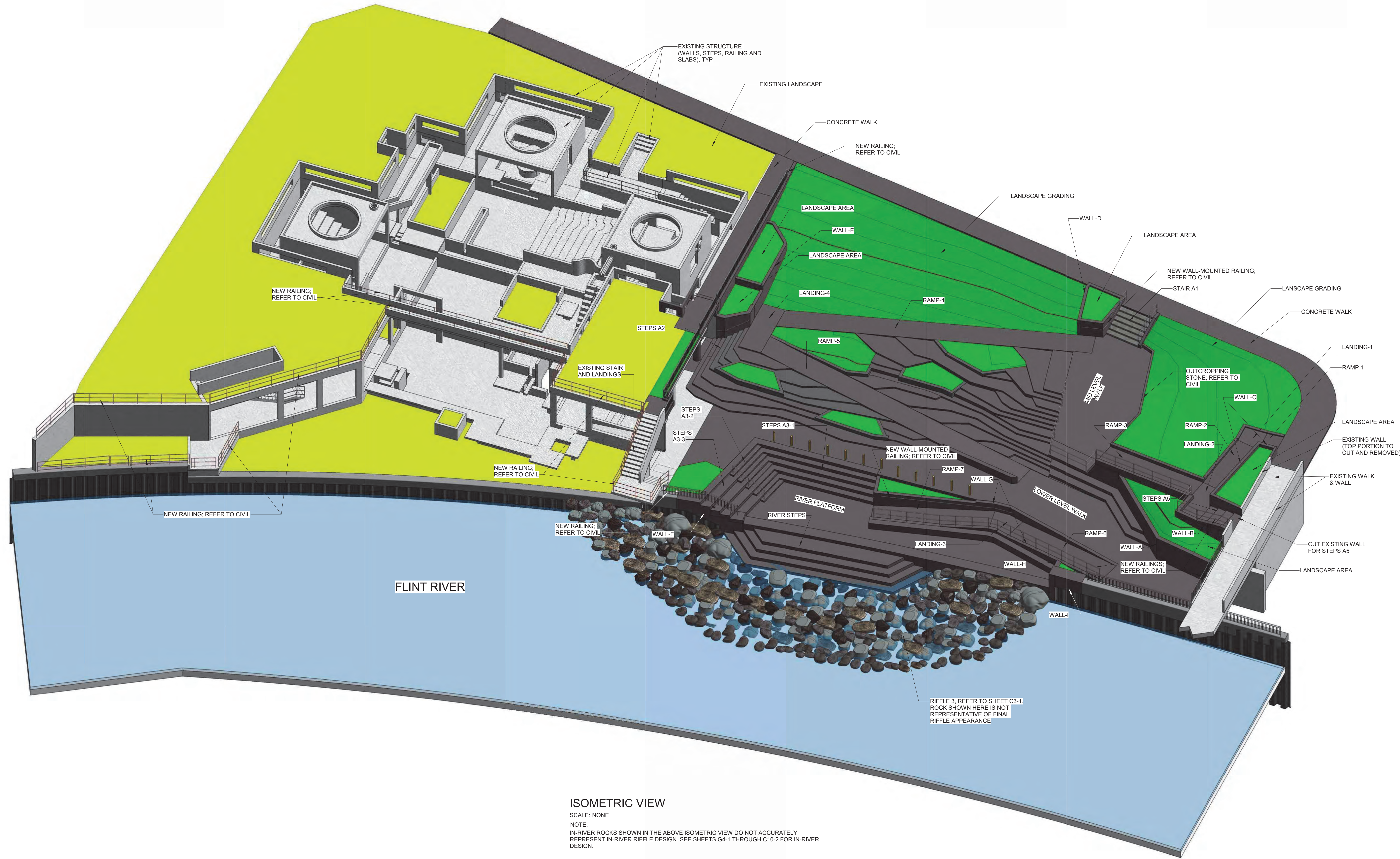


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FLINT, MI 48506

FLINT RIVERFRONT RESTORATION - PHASE 2
GRAND FOUNTAIN BLOCK - LAYOUT

ISSUED FOR: DATE: BY: 10/23/24 SAL	JOB NO: GPA200301F
SHEET	L6-3A

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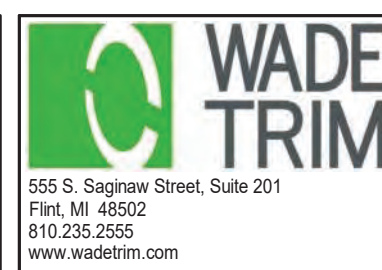
ISOMETRIC VIEW

SCALE: NONE

NOTE:
 IN-RIVER ROCKS SHOWN IN THE ABOVE ISOMETRIC VIEW DO NOT ACCURATELY REPRESENT IN-RIVER RIFFLE DESIGN. SEE SHEETS G4-1 THROUGH C10-2 FOR IN-RIVER DESIGN.

PROJECT MANAGER: 11/17/2024 2:24:49 PM
 PROPERTY: Grand Fountain Block-S-R19.rvt

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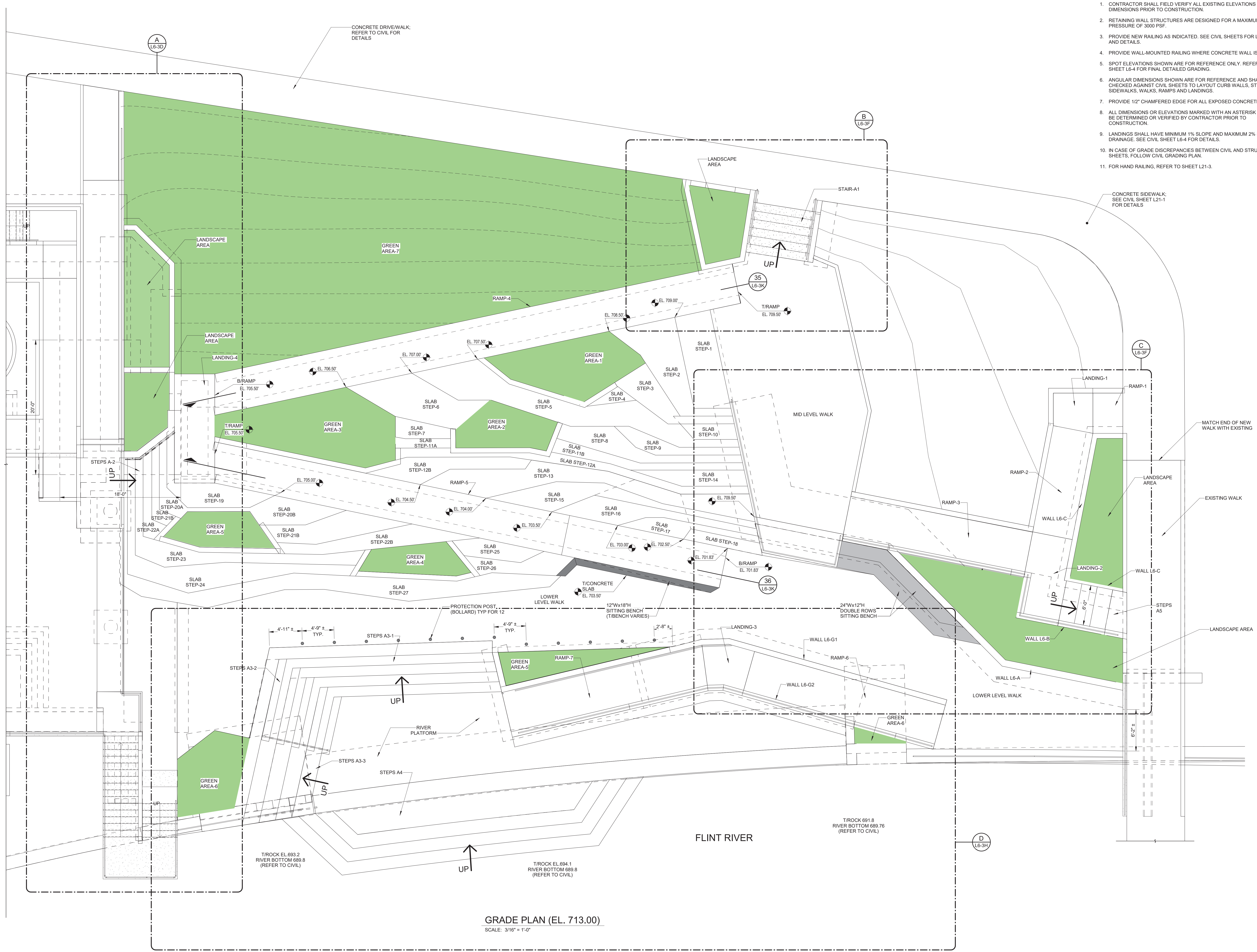
FLINT RIVERFRONT RESTORATION - PHASE 2
 GRAND FOUNTAIN BLOCK
 STRUCTURAL ISOMETRIC VIEW

ISSUED FOR: DATE: BY:
 WB 10/23/24 G

JOB NO: GPA200301F
 SHEET: L6-3B

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- NOTES:**
 BELOW NOTES CORRESPOND TO ALL L-6 STRUCTURAL SHEETS.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING ELEVATIONS AND DIMENSIONS PRIOR TO CONSTRUCTION.
 - RETAINING WALL STRUCTURES ARE DESIGNED FOR A MAXIMUM BEARING PRESSURE OF 3000 PSF.
 - PROVIDE NEW RAILING AS INDICATED. SEE CIVIL SHEETS FOR LOCATIONS AND DETAILS.
 - PROVIDE WALL-MOUNTED RAILING WHERE CONCRETE WALL IS PRESENT.
 - SPOT ELEVATIONS SHOWN ARE FOR REFERENCE ONLY. REFER TO CIVIL SHEET L6-4 FOR FINAL DETAILED GRADING.
 - ANGULAR DIMENSIONS SHOWN ARE FOR REFERENCE AND SHALL BE CHECKED AGAINST CIVIL SHEETS TO LAYOUT CURB WALLS, STEPS, SIDEWALKS, WALKS, RAMPS AND LANDINGS.
 - PROVIDE 1/2" CHAMFERED EDGE FOR ALL EXPOSED CONCRETE EDGES.
 - ALL DIMENSIONS OR ELEVATIONS MARKED WITH AN ASTERISK "*" SHALL BE DETERMINED OR VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.
 - LANDINGS SHALL HAVE MINIMUM 1% SLOPE AND MAXIMUM 2% SLOPE FOR DRAINAGE. SEE CIVIL SHEET L6-4 FOR DETAILS.
 - IN CASE OF GRADE DISCREPANCIES BETWEEN CIVIL AND STRUCTURAL SHEETS, FOLLOW CIVIL GRADING PLAN.
 - FOR HAND RAILING, REFER TO SHEET L21-3.



GRADE PLAN (EL. 713.00)
 SCALE: 3/16" = 1'-0"

REV#	DATE	DESCRIPTION	BY



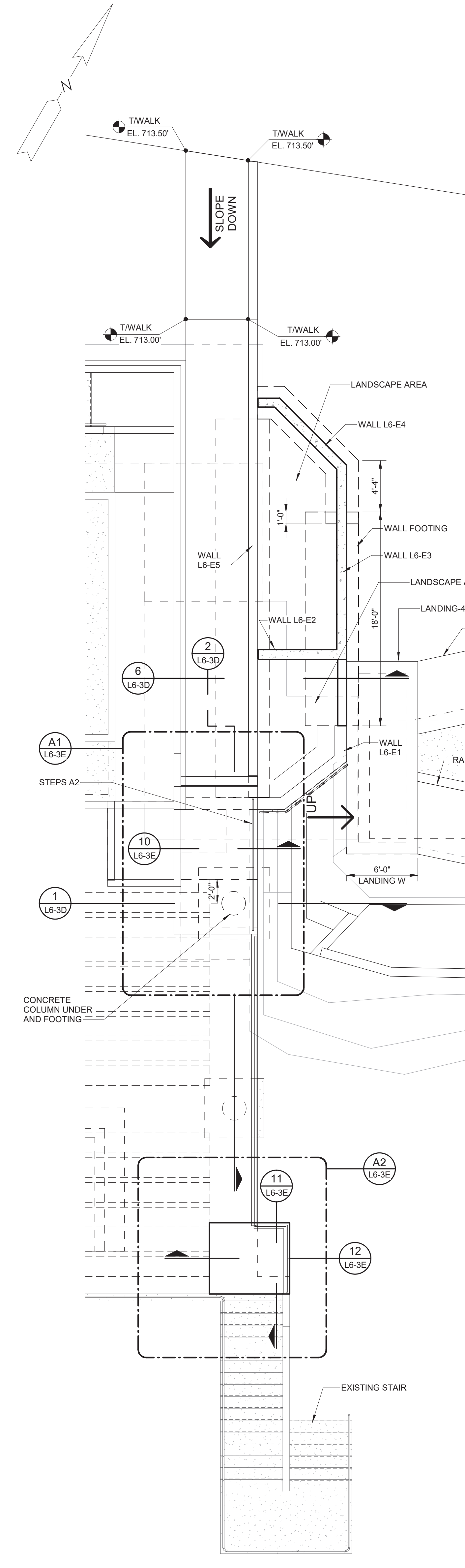
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FLINT RIVERFRONT RESTORATION - PHASE 2
 GRAND FOUNTAIN BLOCK
 STRUCTURAL GRADE PLAN

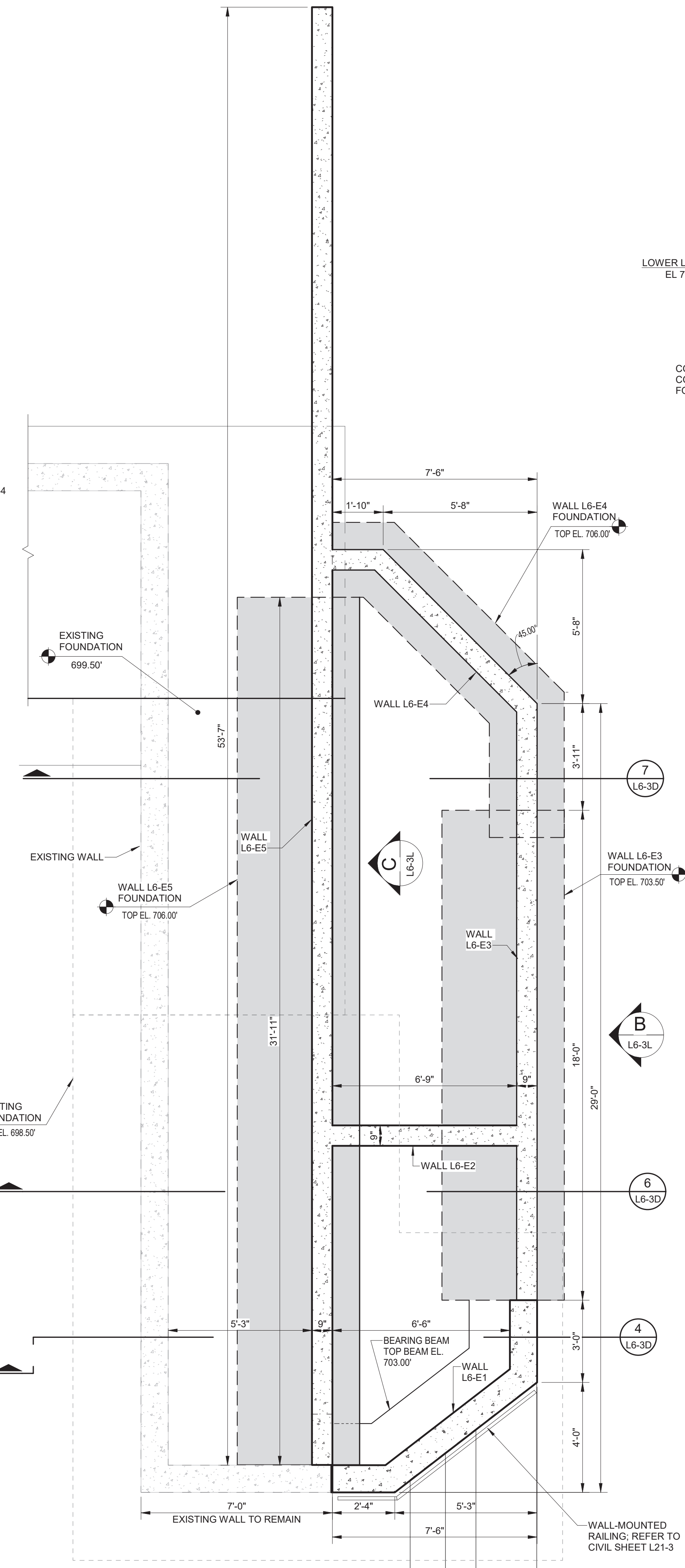
ISSUED FOR:	DATE:	BY:	JOB NO:
WB	10/23/24	GC	GPA200301F
SHEET			L6-3C

PROJECT MANAGER: 11/17/2024 2:26:55 PM
 PLAN: 11/17/24 (L6-3C) Grand Fountain Block-S-R19.rvt

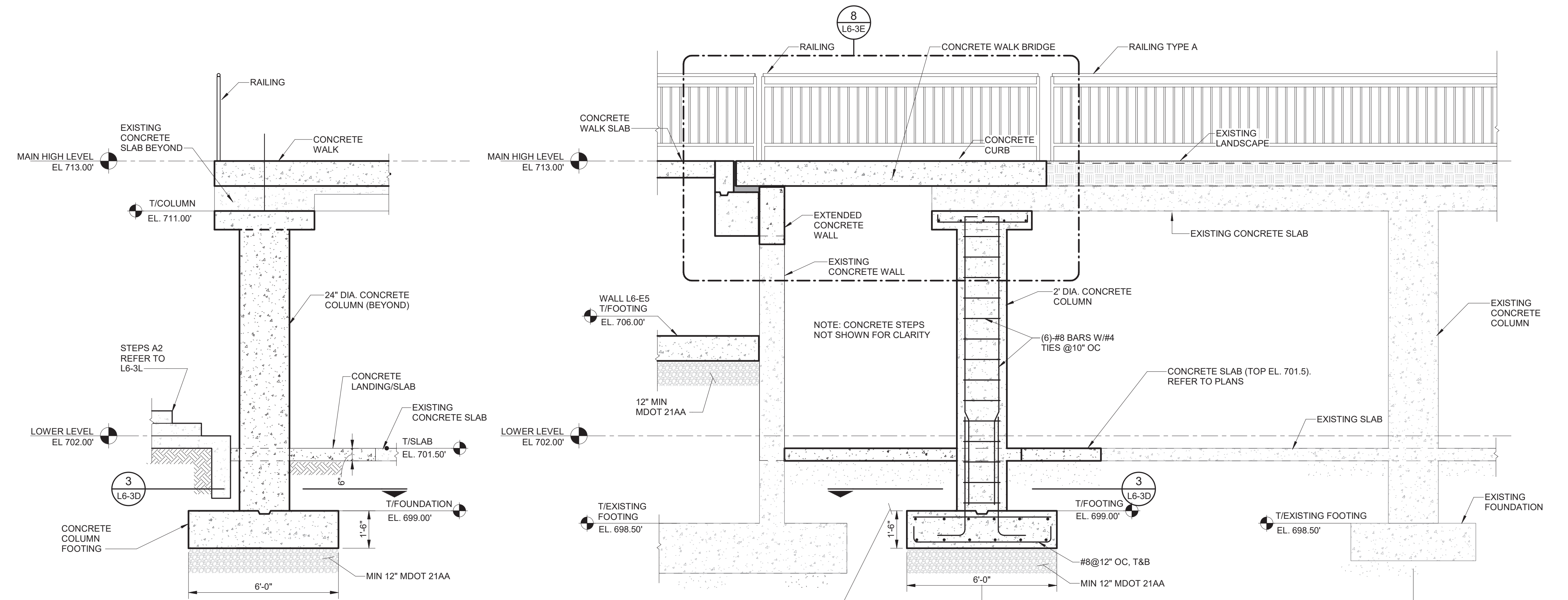
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GRADE PLAN (EL 713.00)
SCALE: 3/16" = 1'-0"

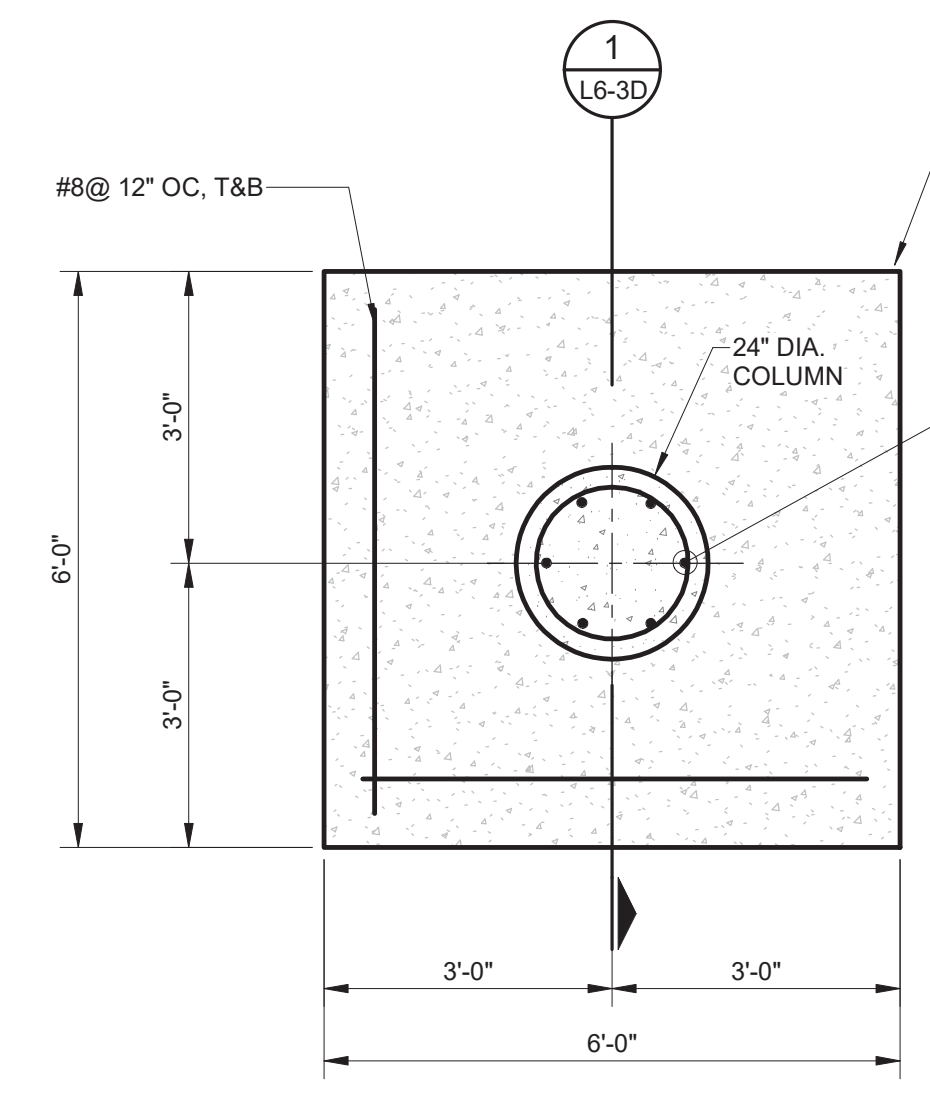


FOUNDATION PLAN (EL. 706.00)
SCALE: 3/8" = 1'-0"
NOTE:
STEPS AND LANDING ARE NOT SHOWN FOR CLARITY.

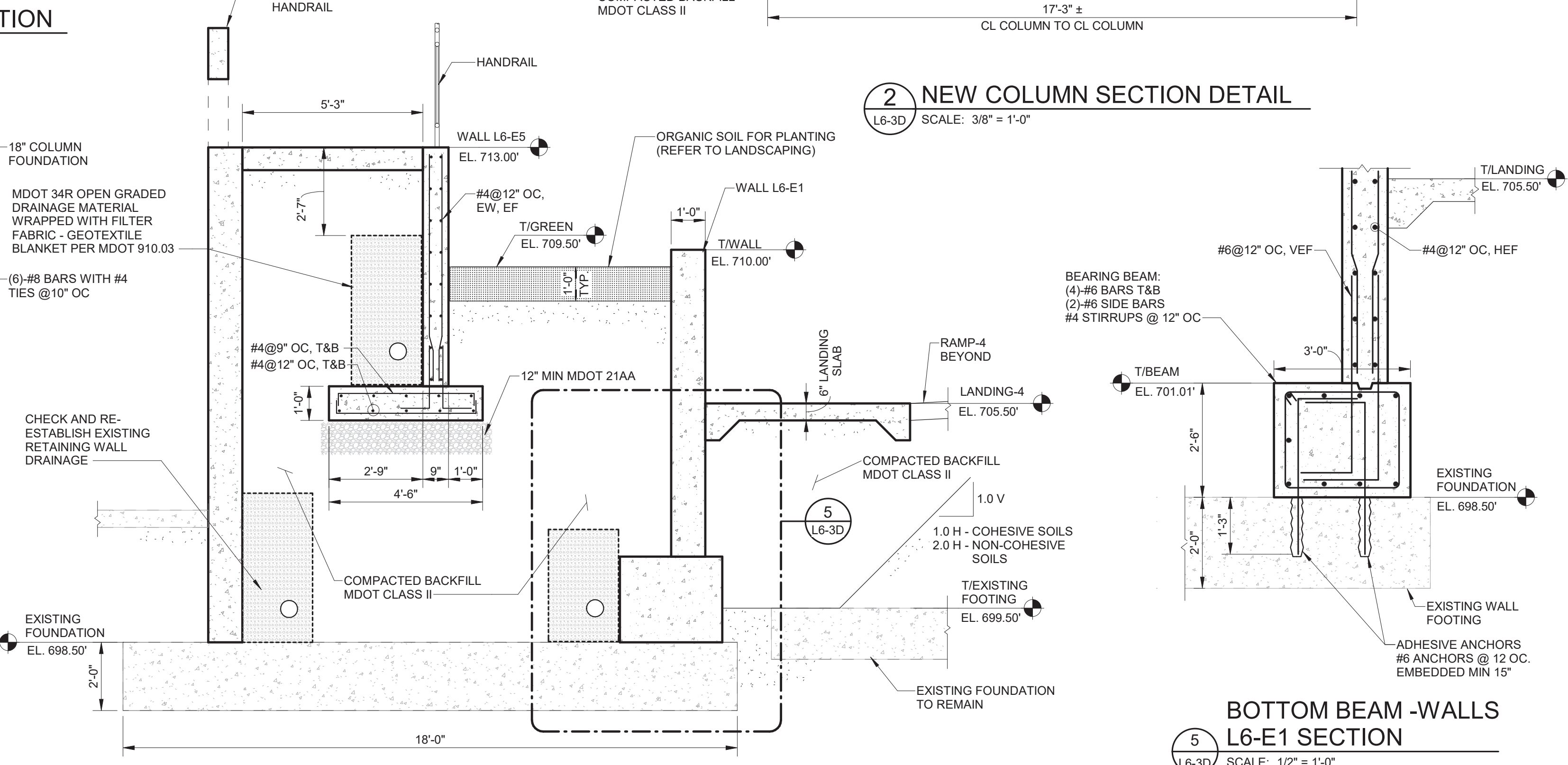


1 NEW CONCRETE COLUMN SECTION
SCALE: 3/8" = 1'-0"

2 NEW COLUMN SECTION DETAIL
SCALE: 3/8" = 1'-0"

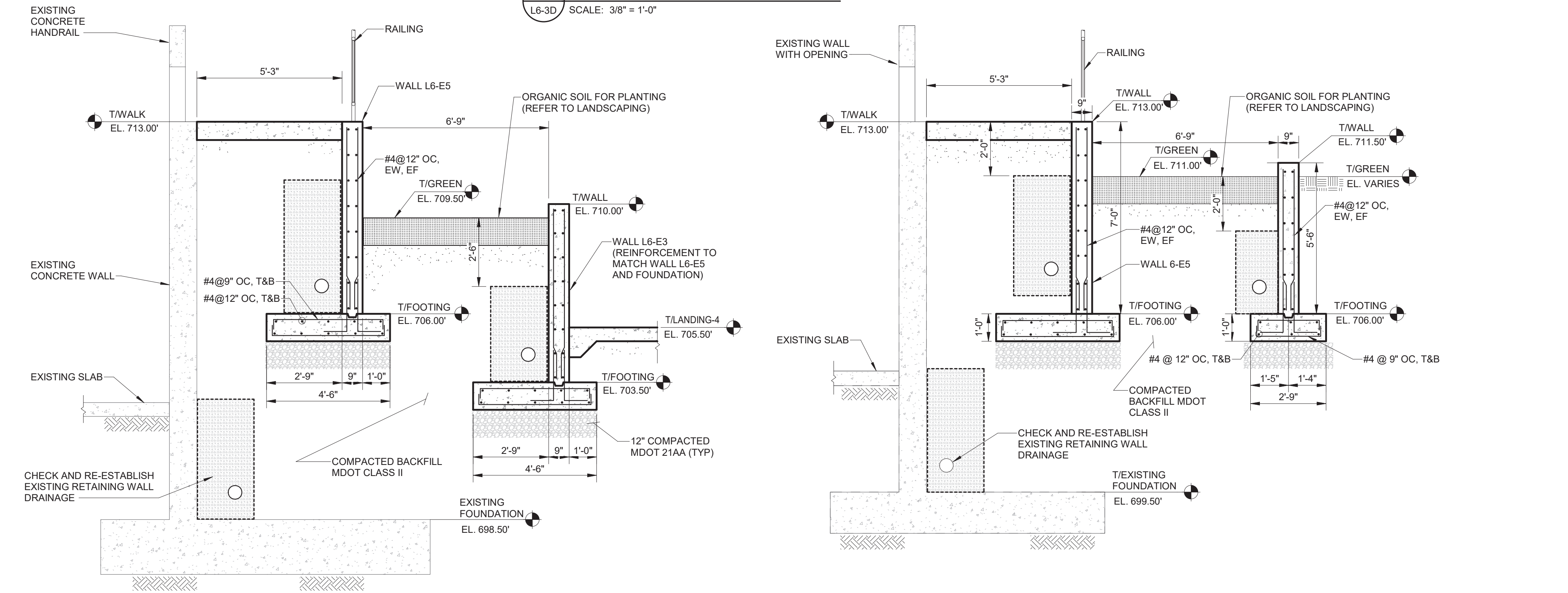


3 24\"/>



4 WALLS TYPE L6-E SECTION
SCALE: 3/8" = 1'-0"

5 BOTTOM BEAM - WALLS L6-E1 SECTION
SCALE: 1/2" = 1'-0"



6 WALL L6-E3 SECTION
SCALE: 3/8" = 1'-0"

7 WALL L6-E4 SECTION
SCALE: 3/8" = 1'-0"

PROJECT MANAGER: (6) Grand Fountain Block-S-819.rvt 11/17/2024 2:26:59 PM

REV#	DATE	DESCRIPTION	BY

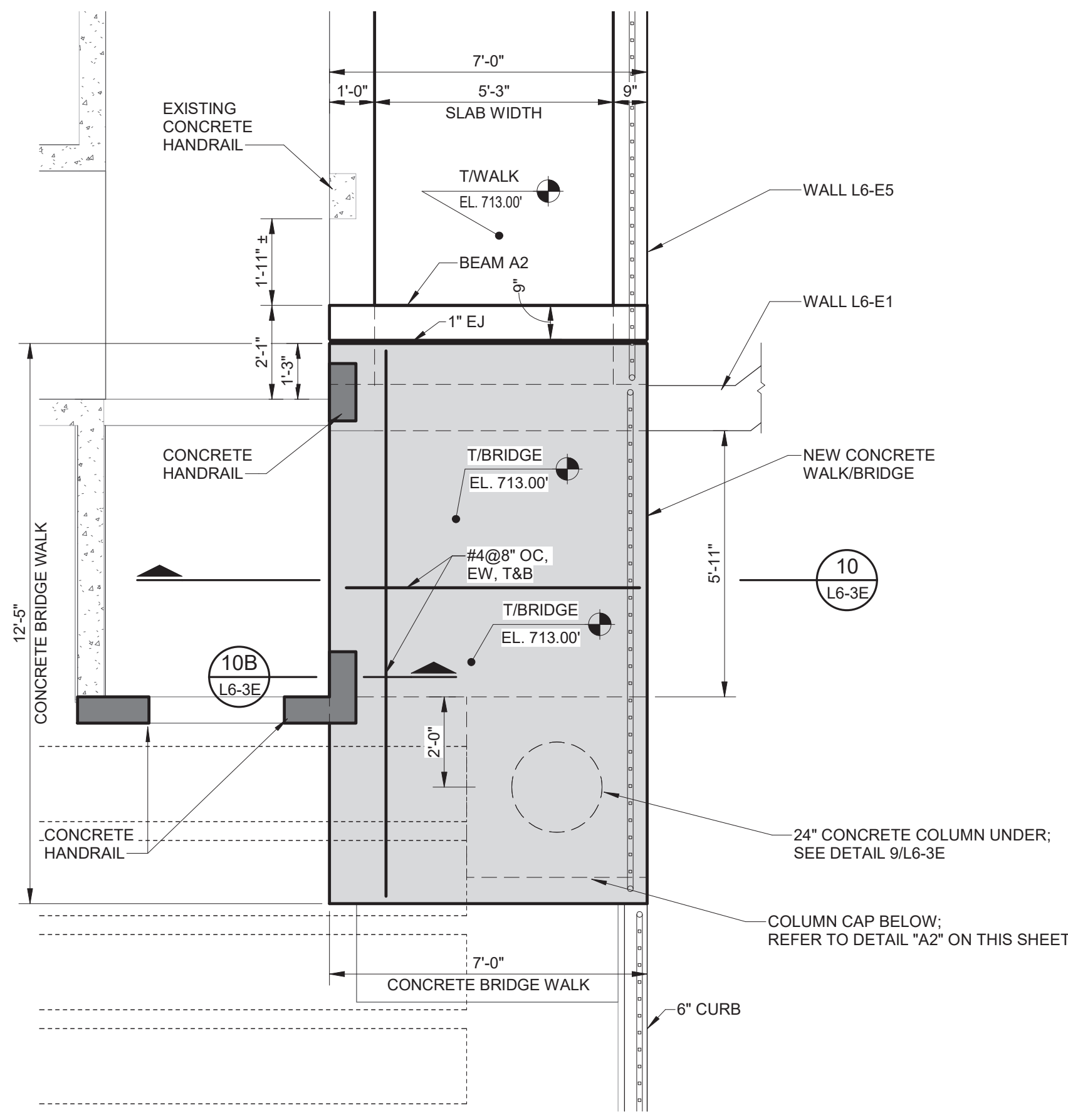


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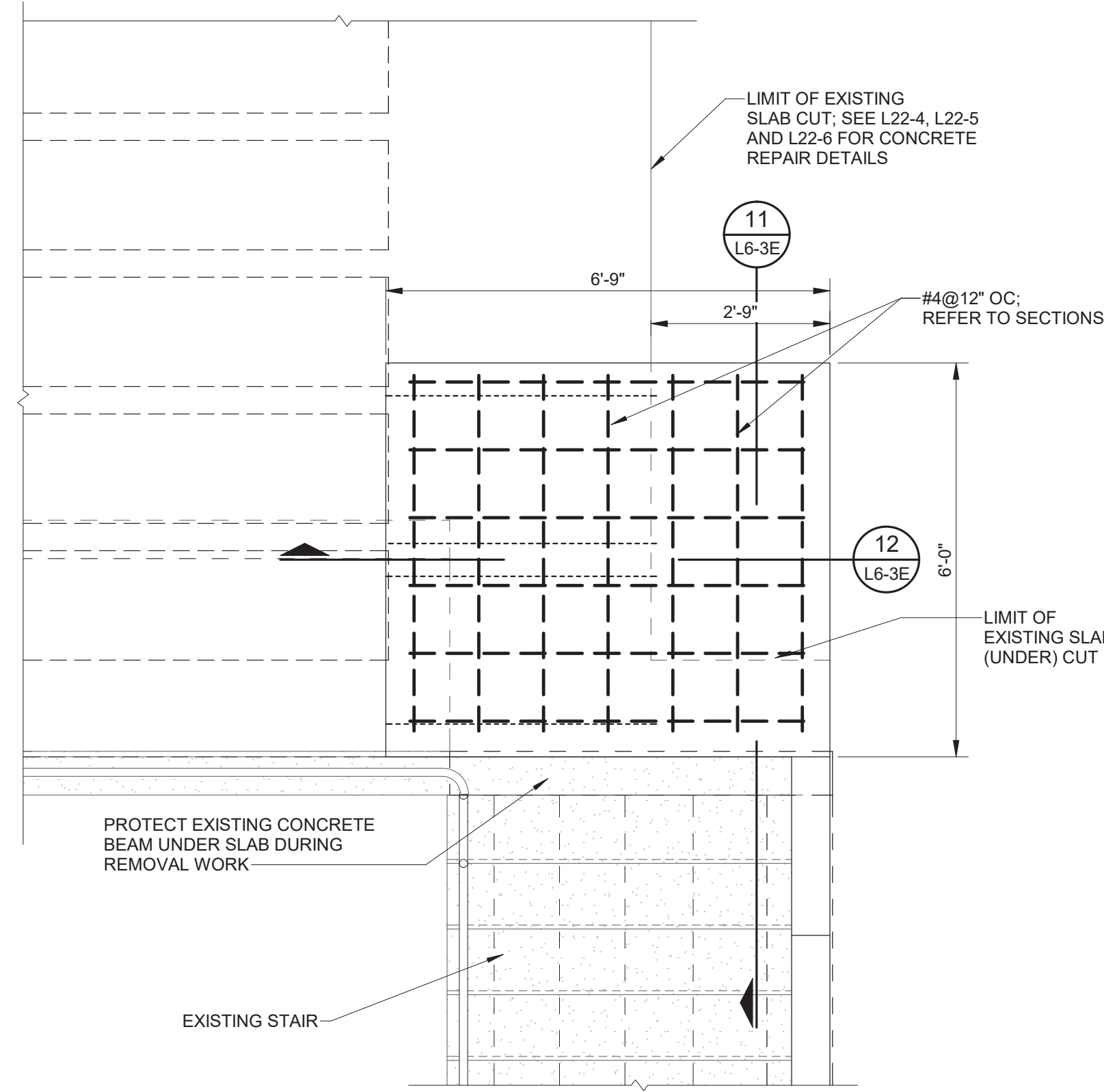
FLINT RIVERFRONT RESTORATION - PHASE 2
GRAND FOUNTAIN BLOCK
STRUCTURAL PLANS AND SECTIONS - 1

ISSUED FOR: DATE: BY: JOB NO:
WB 10/23/24 G GPA200301F
SHEET
L6-3D

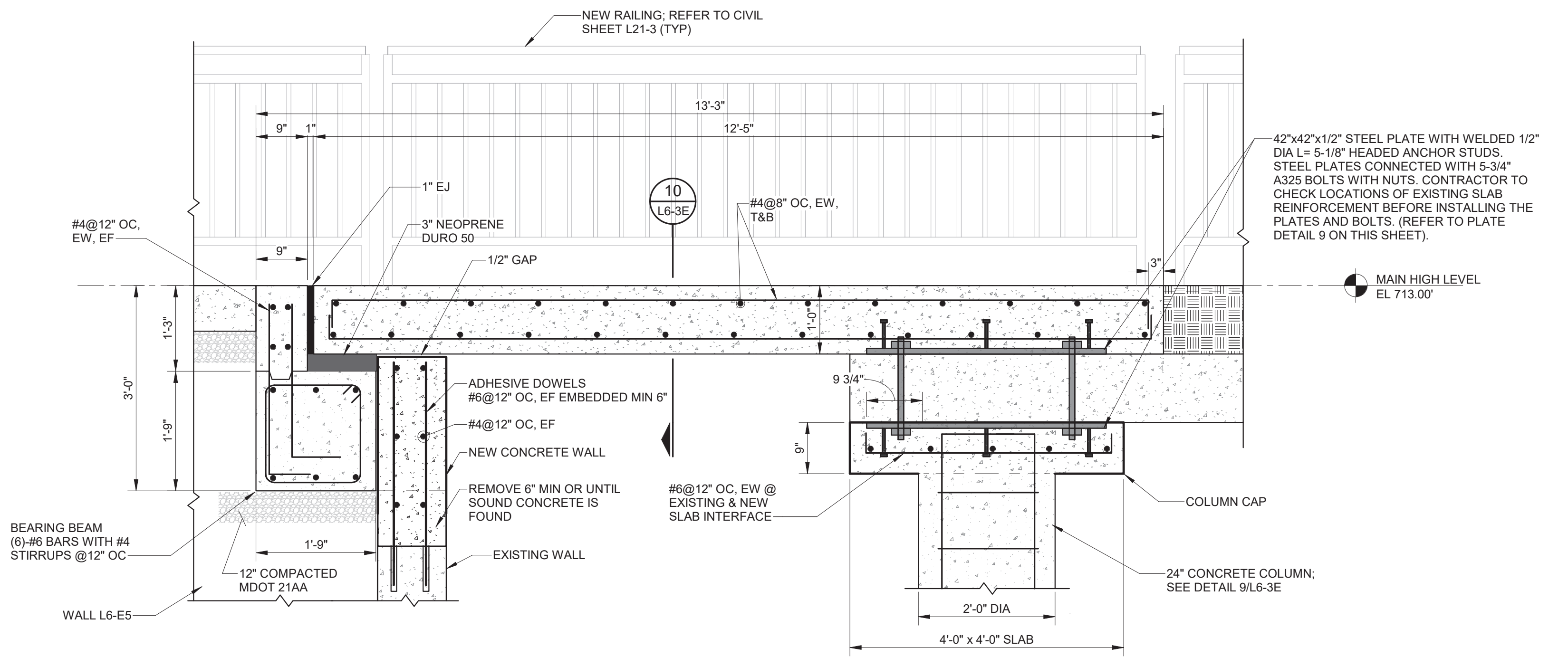
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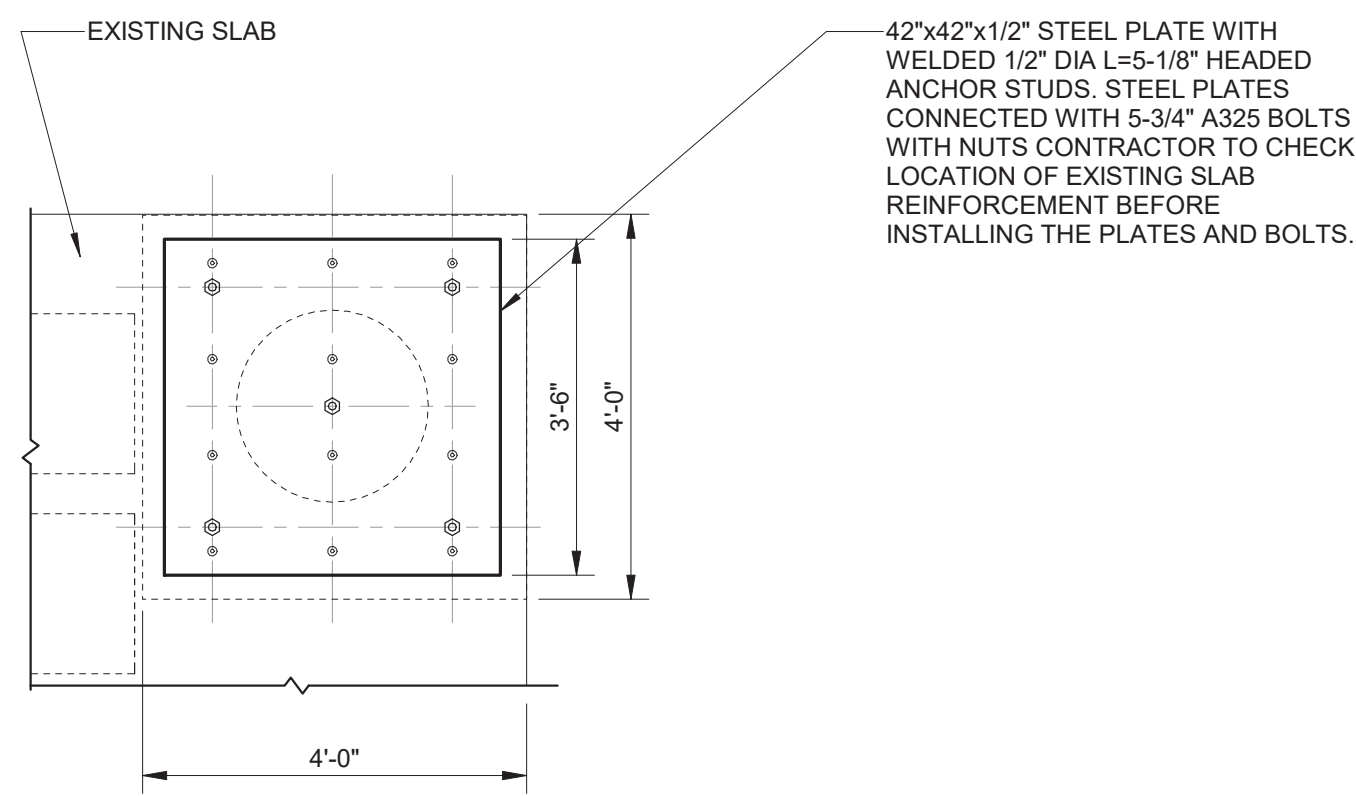
A1 NEW CONCRETE BRIDGE WALK SLAB PLAN
L6-3D SCALE: 3/8" = 1'-0"



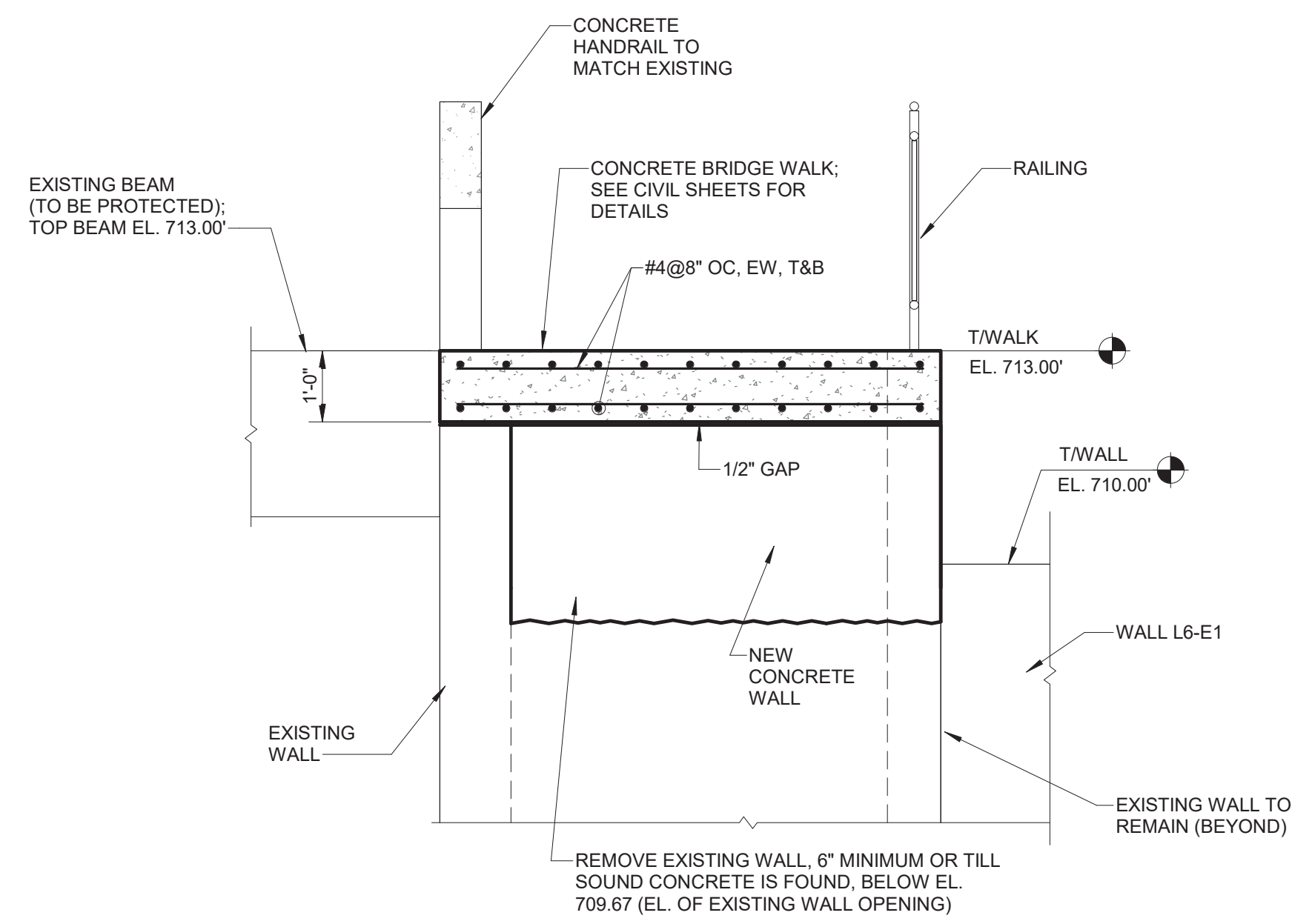
A2 SLAB ENLARGED PLAN
L6-3D SCALE: 1/2" = 1'-0"
NOTE: CURBS AND RAILING NOT SHOWN FOR CLARITY.



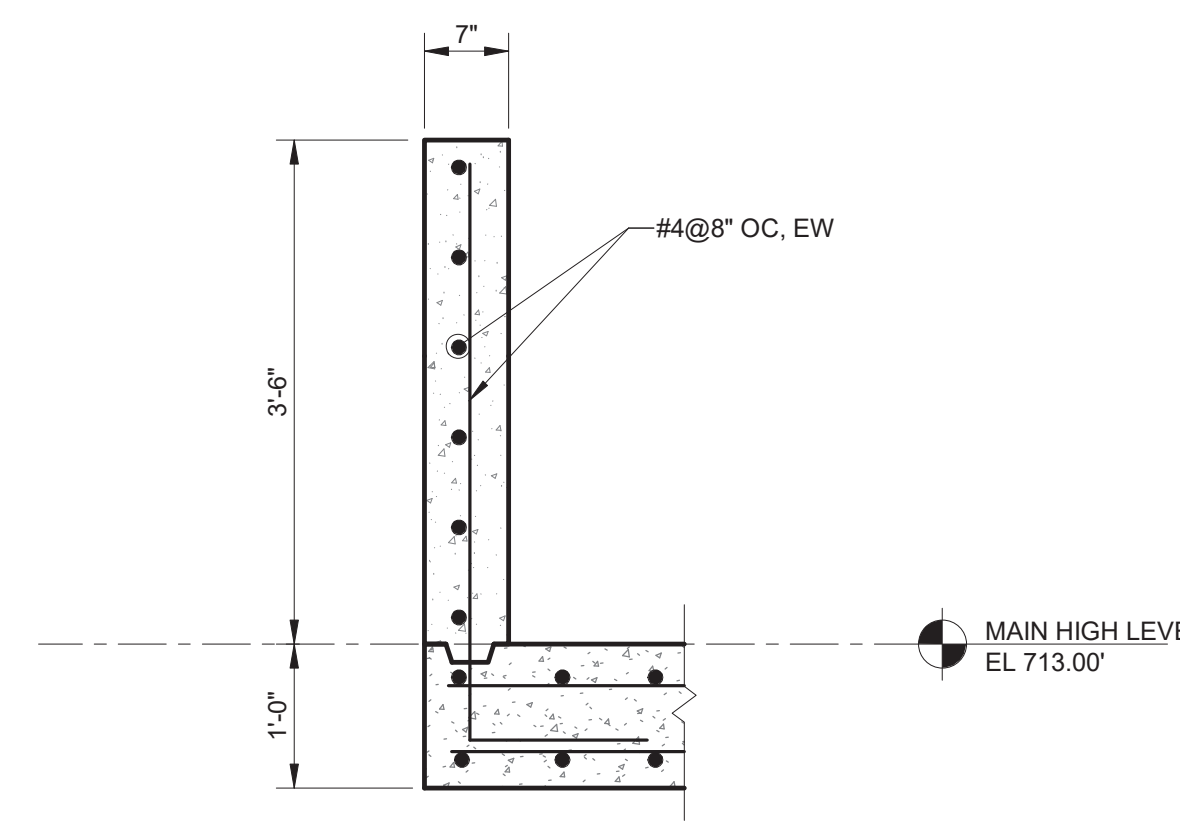
8 NEW CONCRETE BRIDGE WALK - SECTION
L6-3D SCALE: 3/4" = 1'-0"



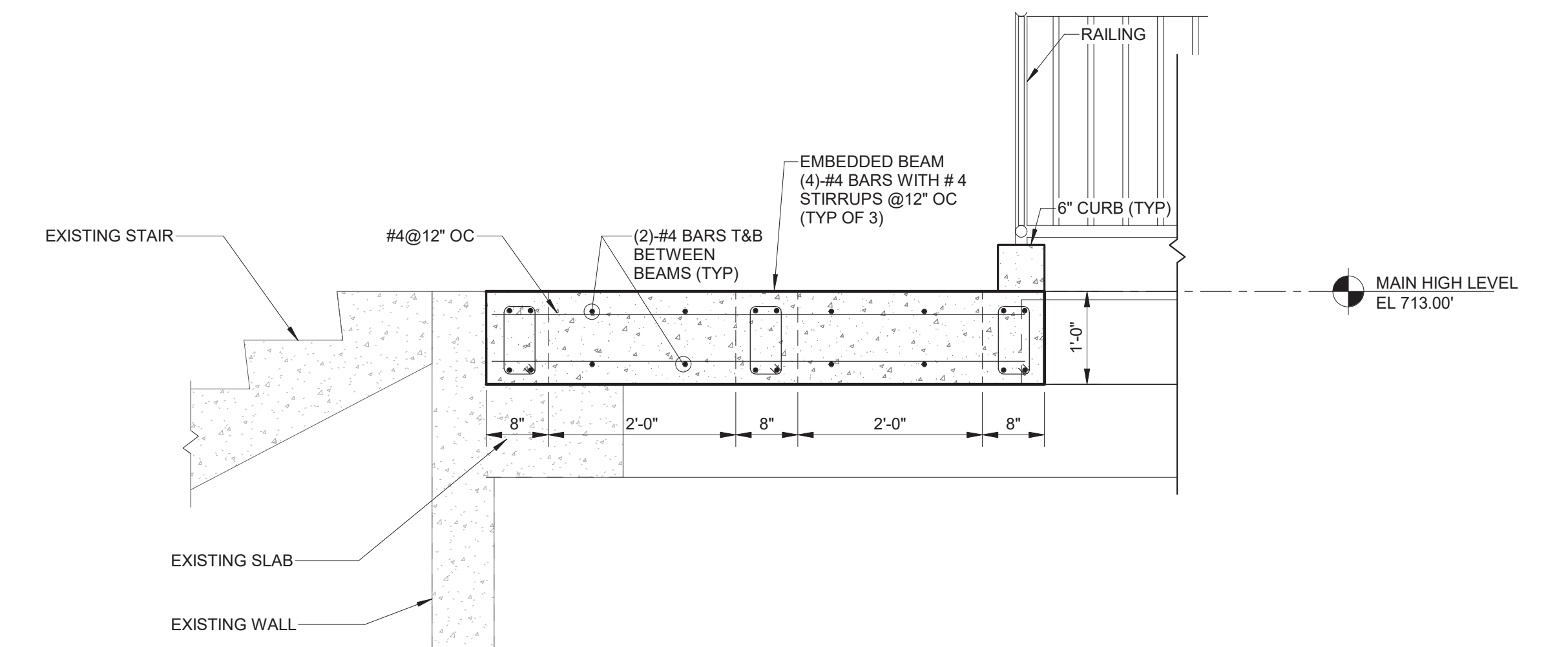
9 24" COLUMN PLATE PLAN DETAIL
SCALE: 1/2" = 1'-0"



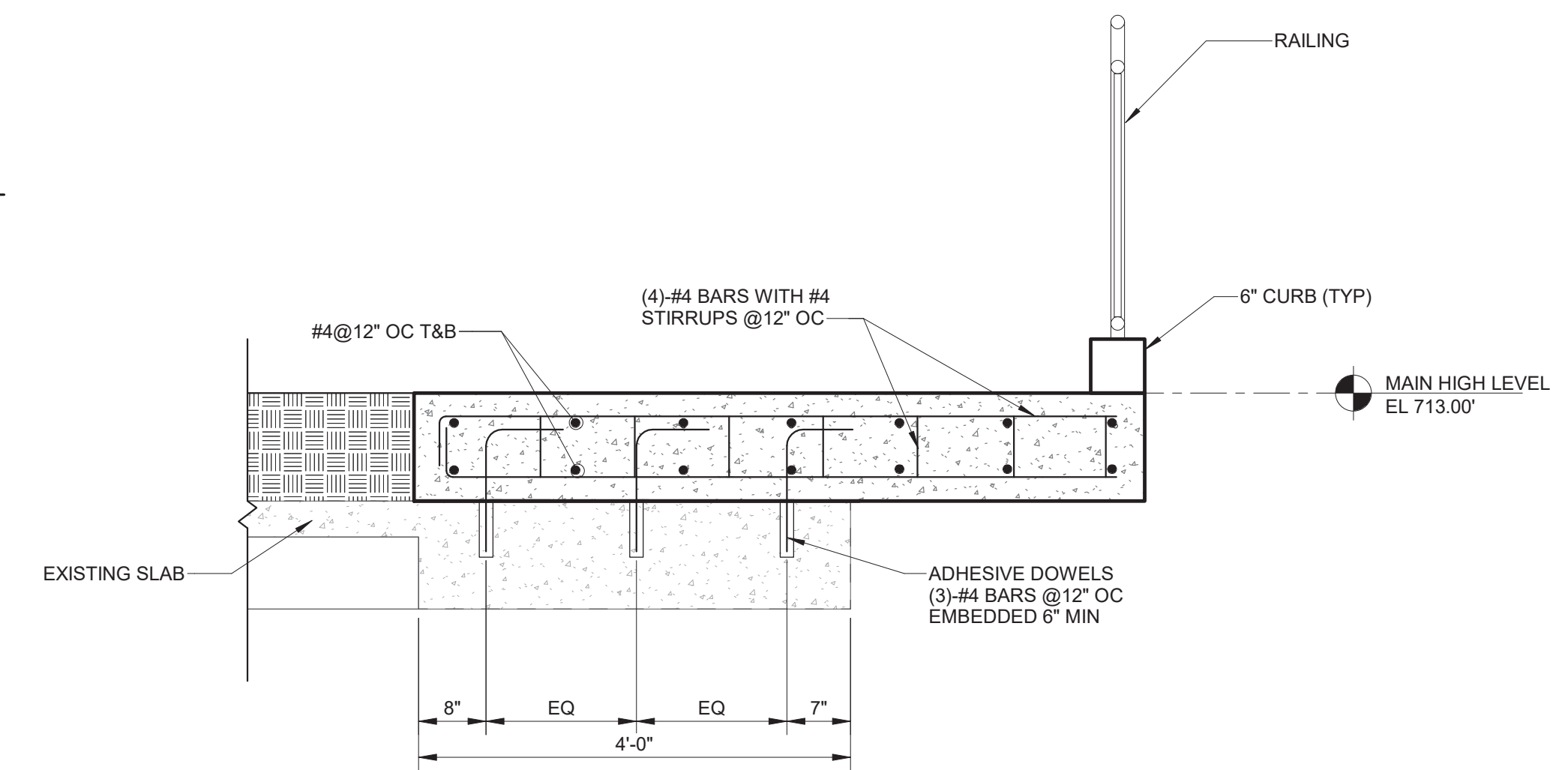
10 NEW CONCRETE BRIDGE WALK
L6-3D SCALE: 1/2" = 1'-0"



10B CONCRETE HANDRAIL AND WALK SECTION
L6-3E SCALE: 3/4" = 1'-0"



11 SLAB AND BEAM SECTION - I
L6-3D SCALE: 3/4" = 1'-0"

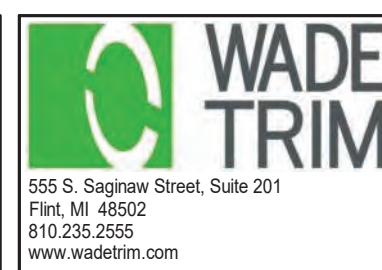


12 SLAB AND BEAM SECTION - II
L6-3D SCALE: 3/4" = 1'-0"

11/17/2024 2:25:03 PM

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FLINT RIVERFRONT RESTORATION - PHASE 2
GRAND FOUNTAIN BLOCK
STRUCTURAL PLANS AND SECTIONS - 2

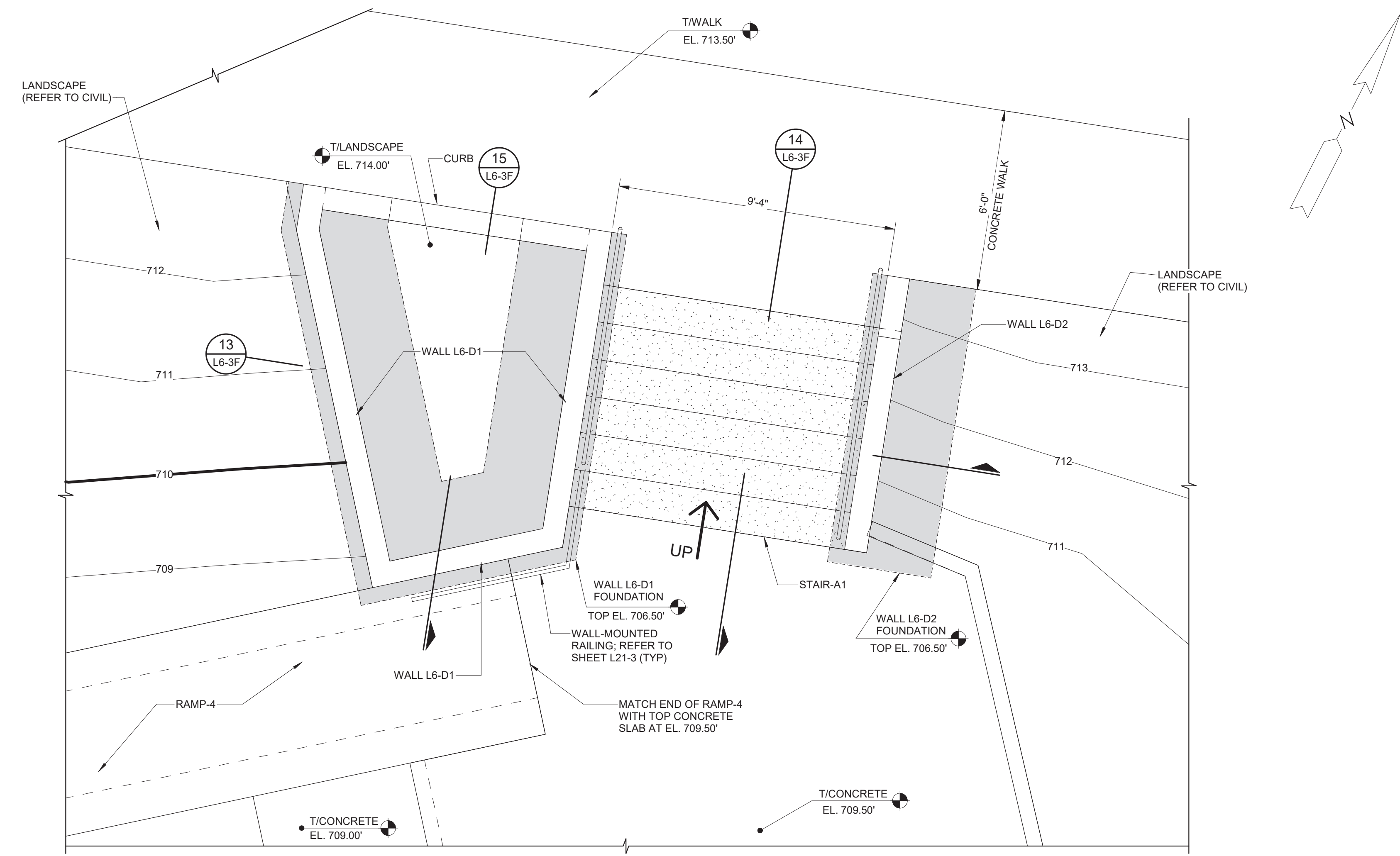
ISSUED FOR: DATE: BY: G

JOB NO: GPA200301F

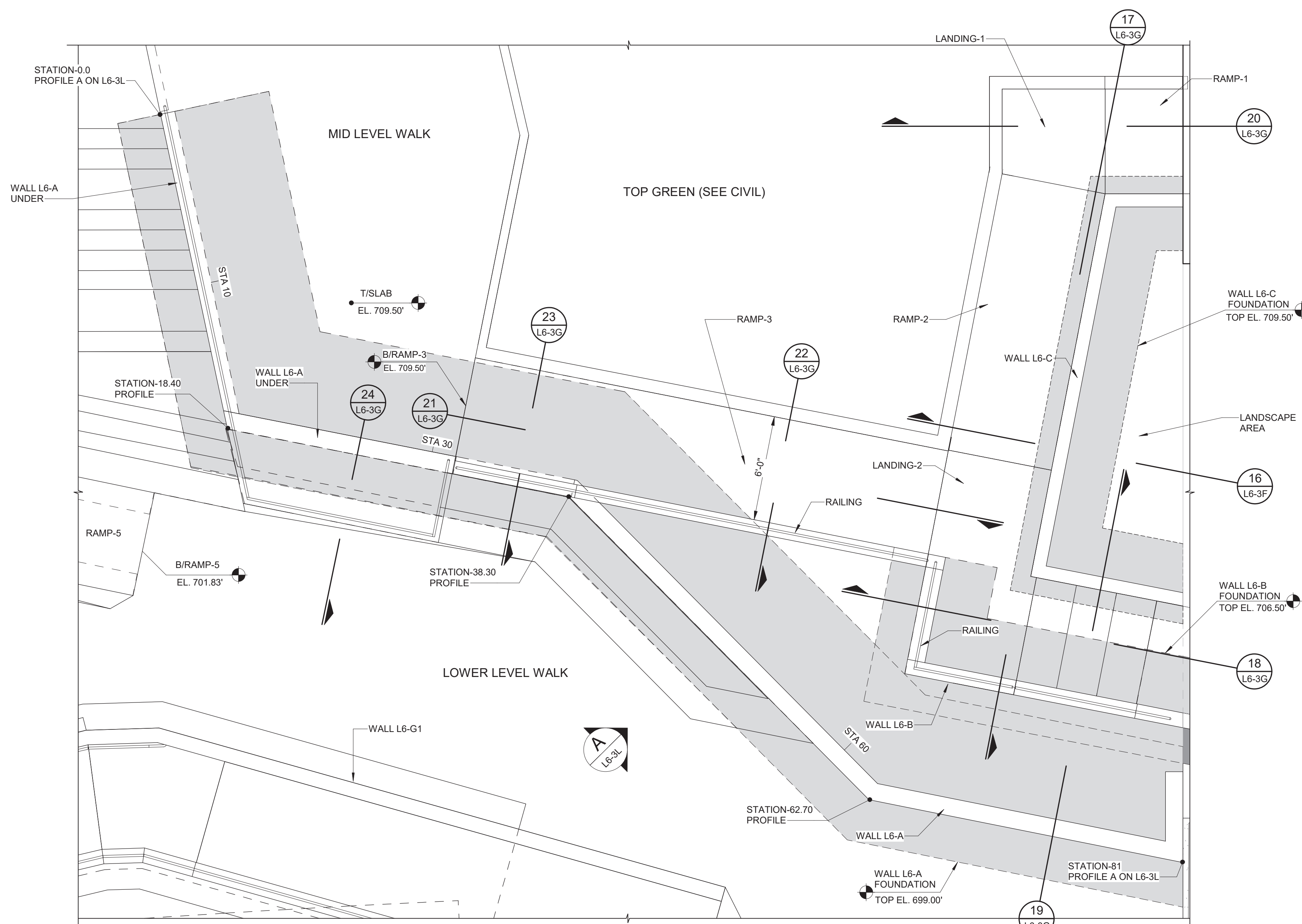
SHEET

L6-3E

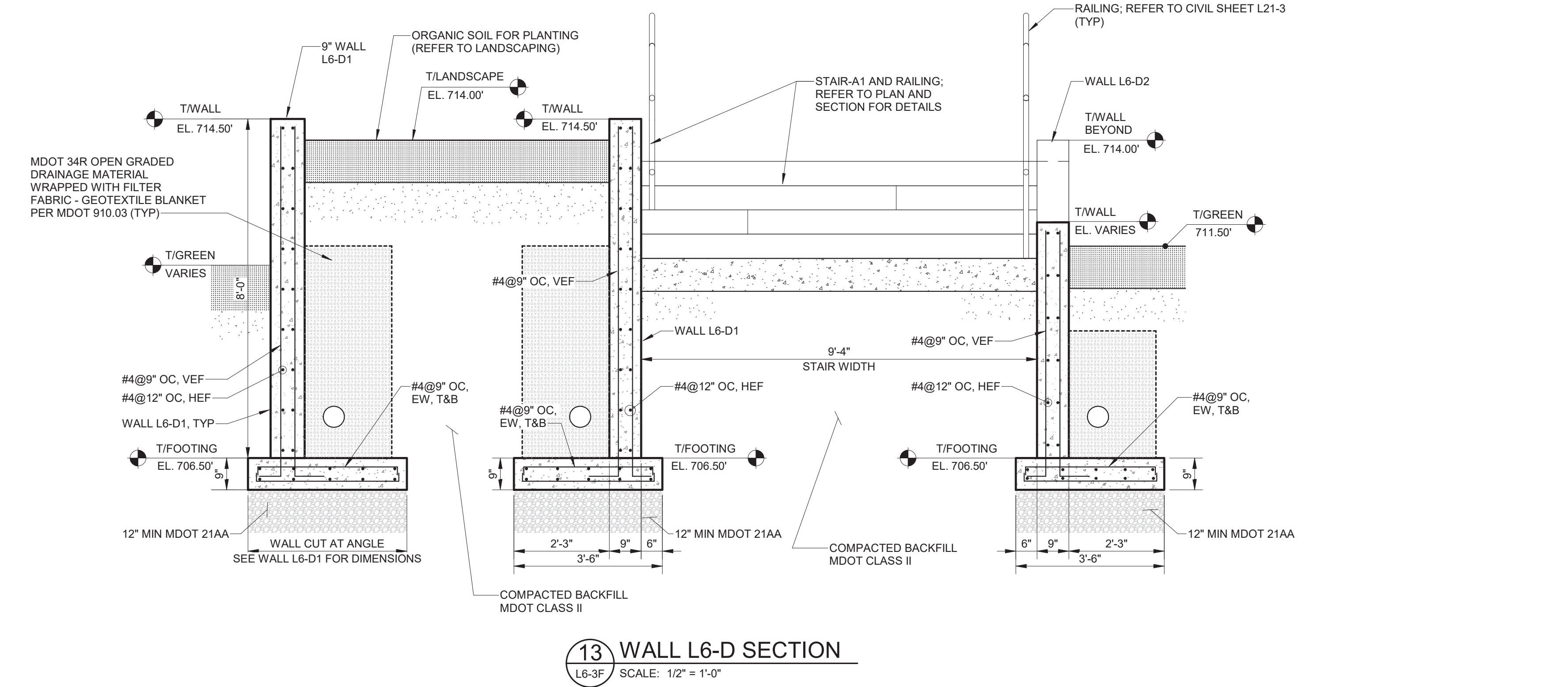
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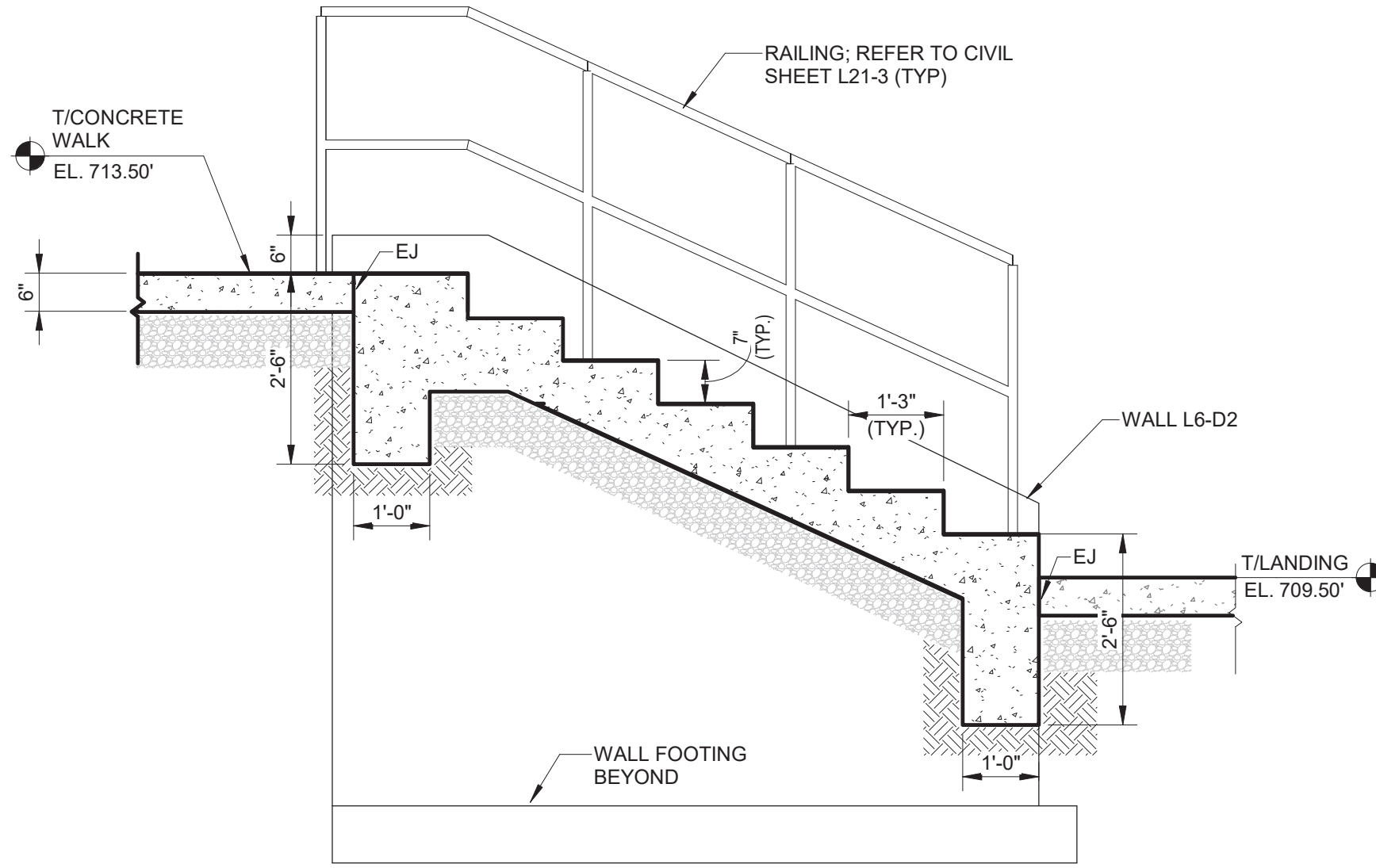
B ENLARGED WORKING PLAN (B) (EL. 713.00)
 L6-3C SCALE: 3/8" = 1'-0"
 NOTE:
 FOR RAMP, LANDINGS AND WALKS LAYOUT, REFER TO THE CIVIL DRAWINGS.



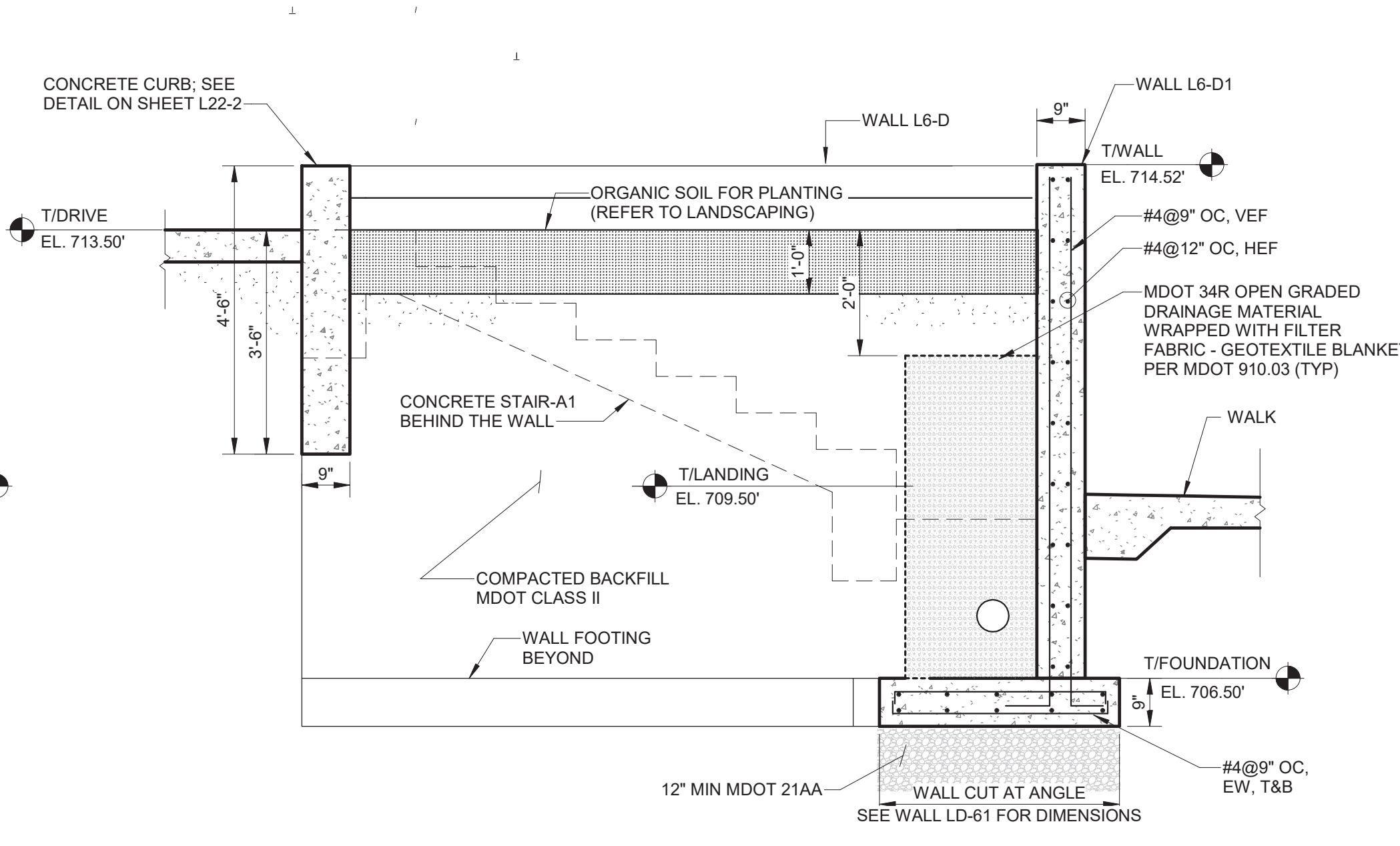
C ENLARGED WORKING PLAN (C) (EL 713.00)
 L6-3C SCALE: 1/4" = 1'-0"



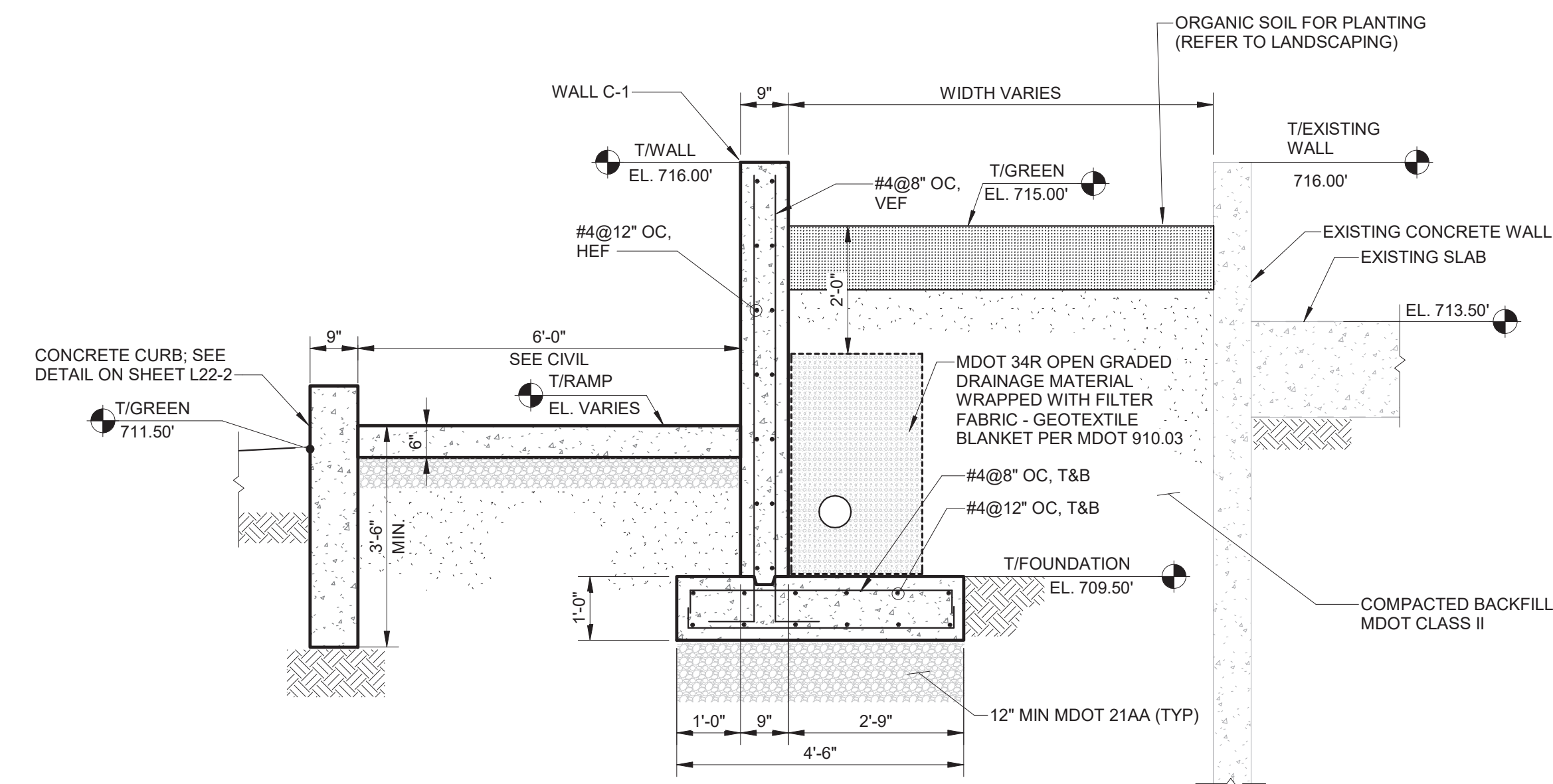
13 WALL L6-D SECTION
 L6-3F SCALE: 1/2" = 1'-0"



14 STAIR-A1 SECTION
 L6-3F SCALE: 1/2" = 1'-0"



15 WALLS L6-D2 AND L6-D3 SECTION
 L6-3F SCALE: 1/2" = 1'-0"



16 WALL L6-C SECTION
 L6-3F SCALE: 1/2" = 1'-0"

REV#	DATE	DESCRIPTION	BY



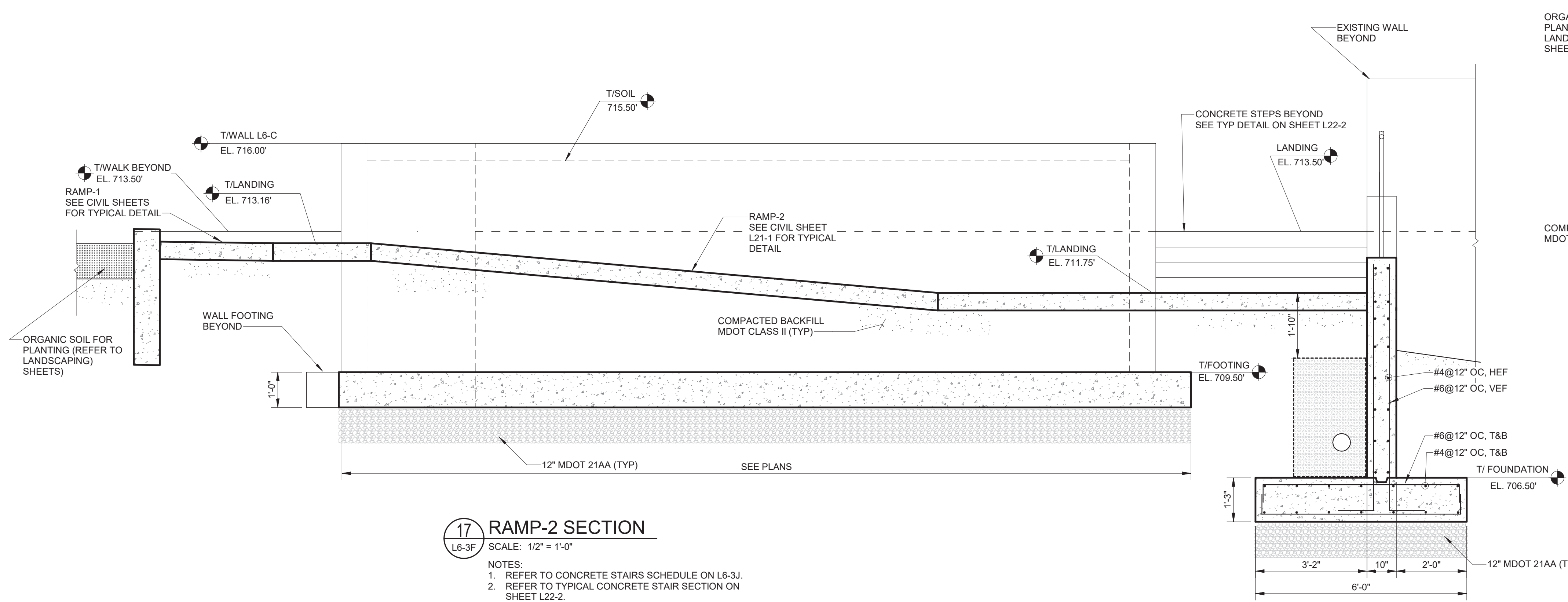
GENESEE COUNTY PARKS & REC
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FLINT RIVERFRONT RESTORATION-PHASE 2
 GRAND FOUNTAIN BLOCK
 STRUCTURAL PLANS AND SECTIONS - 3

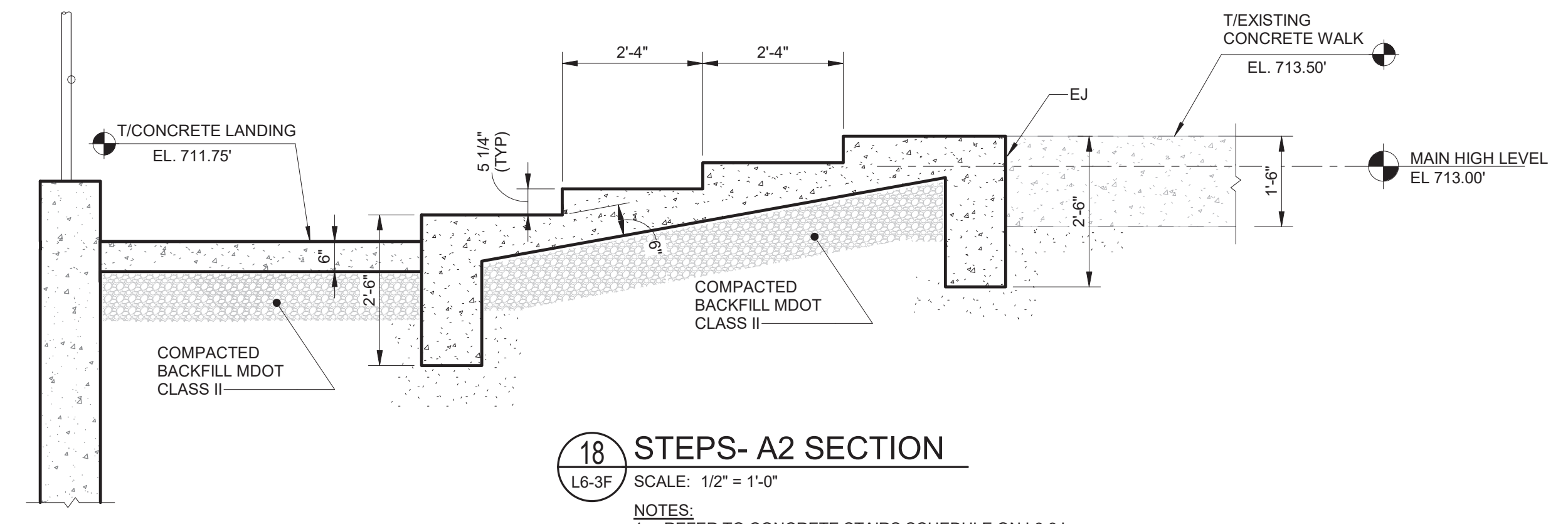
ISSUED FOR:	DATE:	BY:	JOB NO:
WB	10/23/24	GC	GPA200301F
SHEET			L6-3F

PROJECT MANAGER: (6) Grand Fountain Block-S-819.rvt 11/17/2024 2:25:07 PM

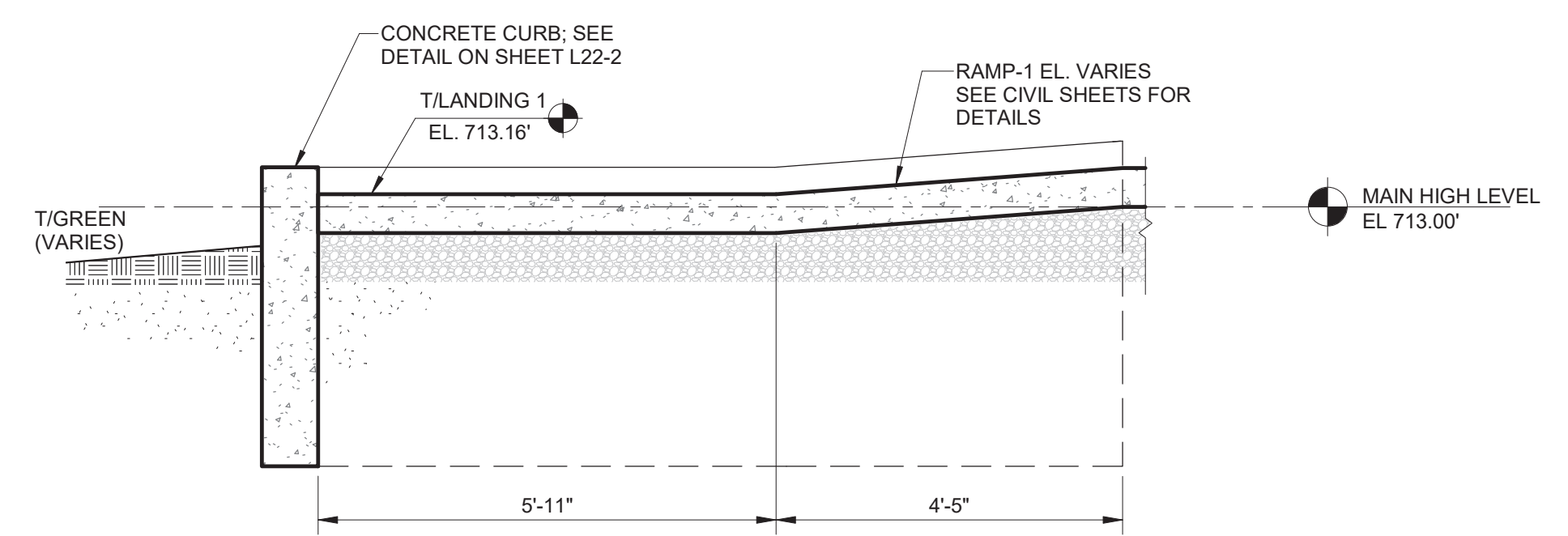
FLINT RIVER RESTORATION



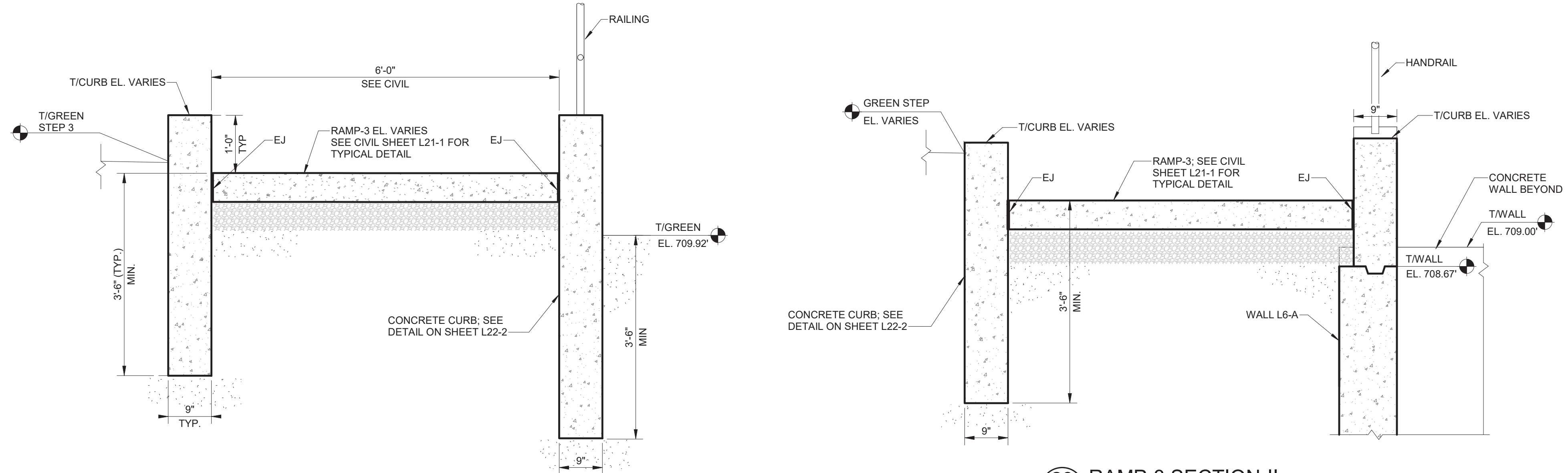
17 RAMP-2 SECTION
 L6-3F SCALE: 1/2" = 1'-0"
 NOTES:
 1. REFER TO CONCRETE STAIRS SCHEDULE ON L6-3J.
 2. REFER TO TYPICAL CONCRETE STAIR SECTION ON SHEET L22-2.



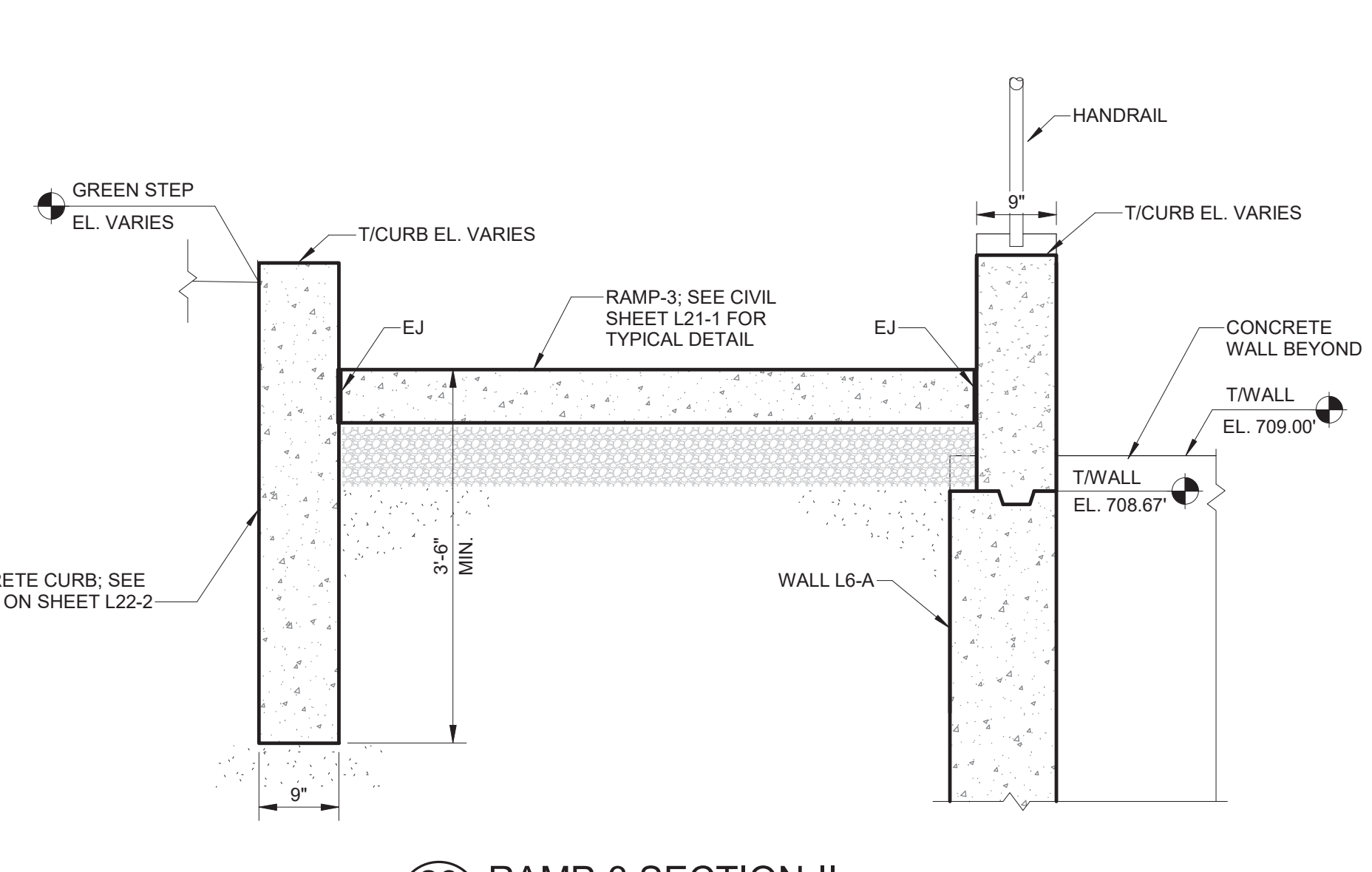
18 STEPS- A2 SECTION
 L6-3F SCALE: 1/2" = 1'-0"
 NOTES:
 1. REFER TO CONCRETE STAIRS SCHEDULE ON L6-3J.
 2. REFER TO TYPICAL CONCRETE STAIR SECTION ON SHEET L22-2.



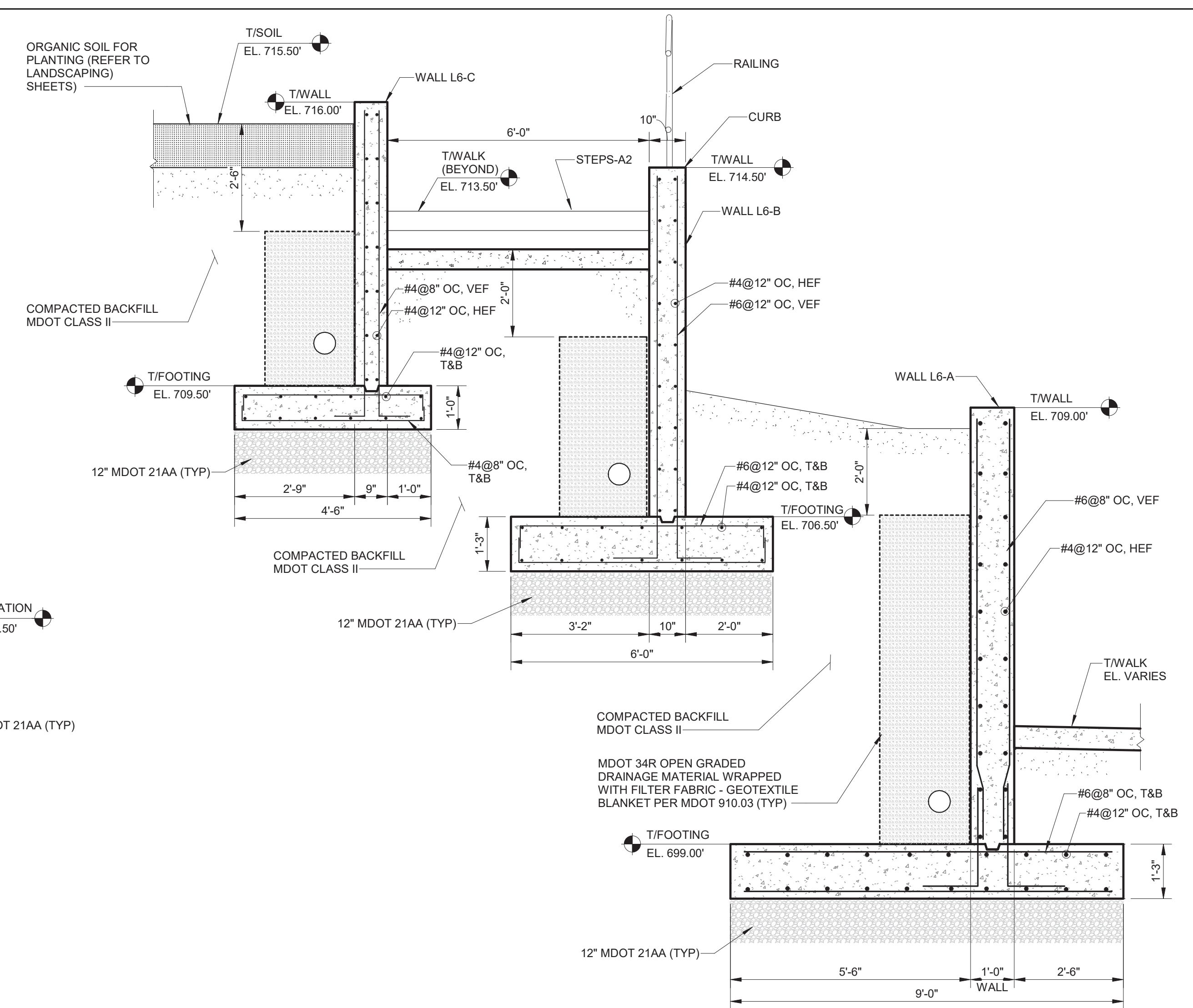
20 RAMP-1 SECTION
 L6-3F SCALE: 1/2" = 1'-0"



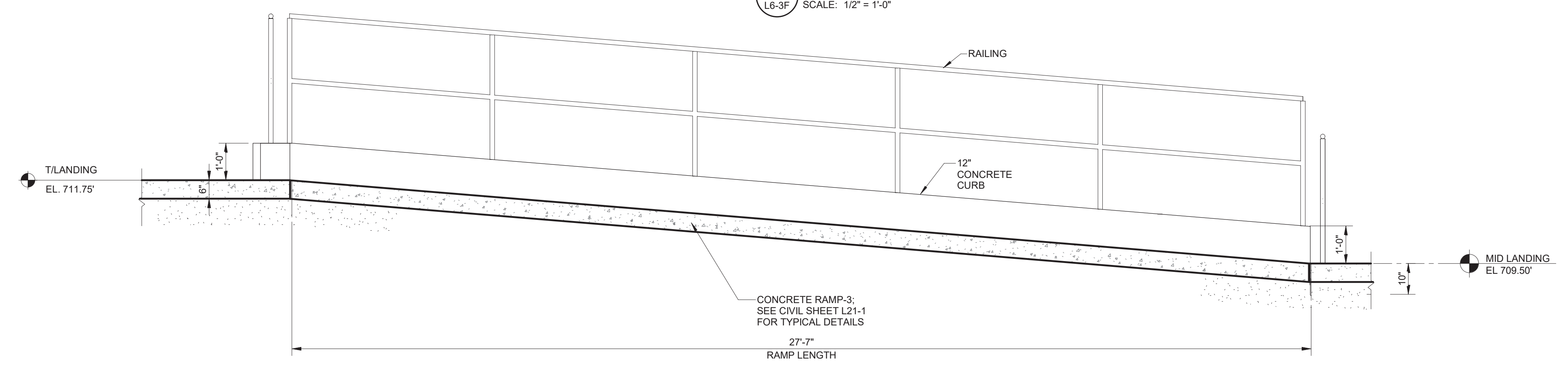
22 RAMP-3 SECTION-III
 L6-3F SCALE: 3/4" = 1'-0"



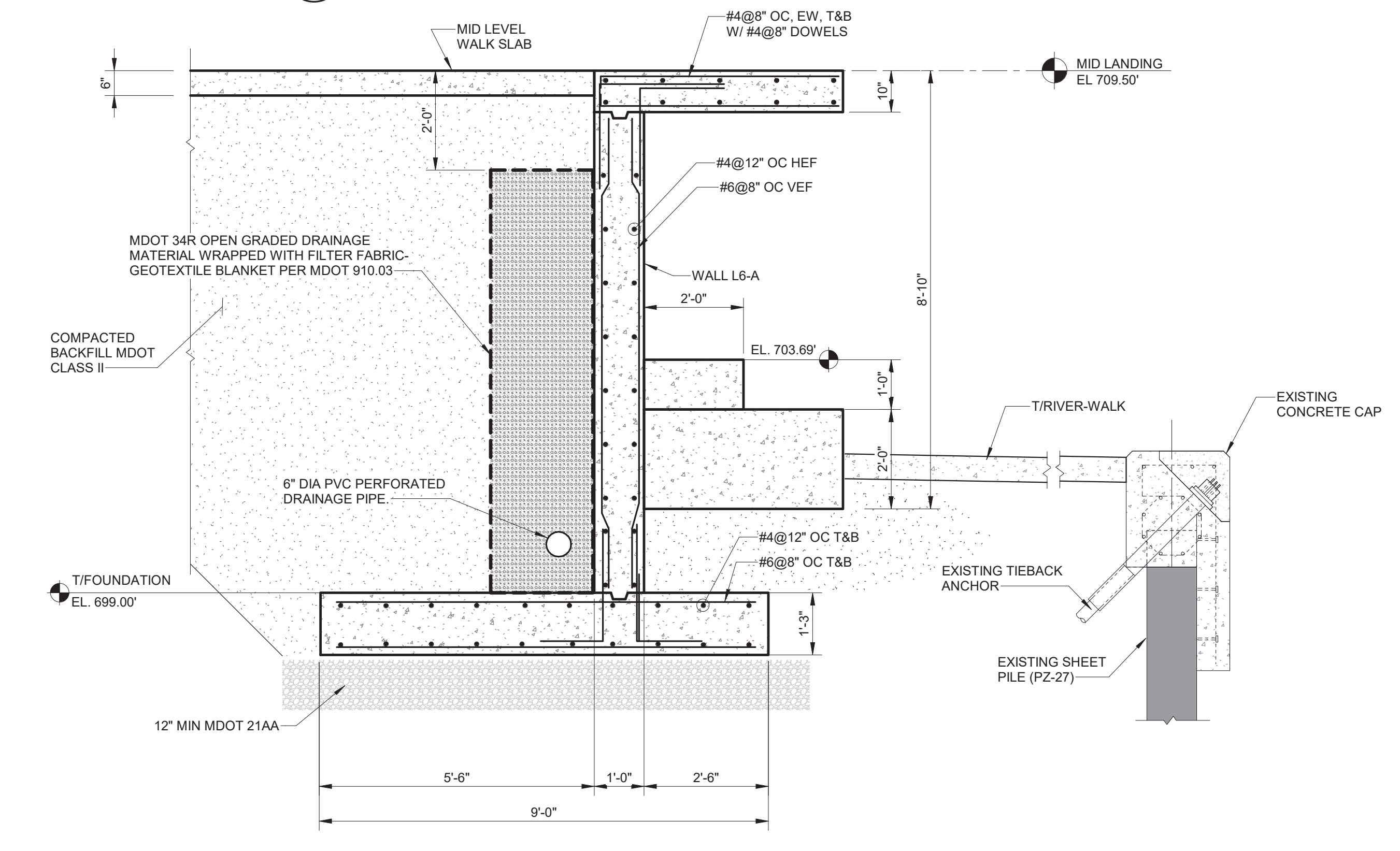
23 RAMP-3 SECTION-II
 L6-3F SCALE: 3/4" = 1'-0"



19 WALLS TYPE C-2 & D-1 SECTION
 L6-3F SCALE: 1/2" = 1'-0"



21 RAMP-3 SECTION-I
 L6-3F SCALE: 1/2" = 1'-0"



24 SLAB CANTILEVER SECTION
 L6-3F SCALE: 1/2" = 1'-0"

PROJECT MANAGER: (6) Grand Fountain Block-S-819.rvt 11/17/2024 2:25:12 PM

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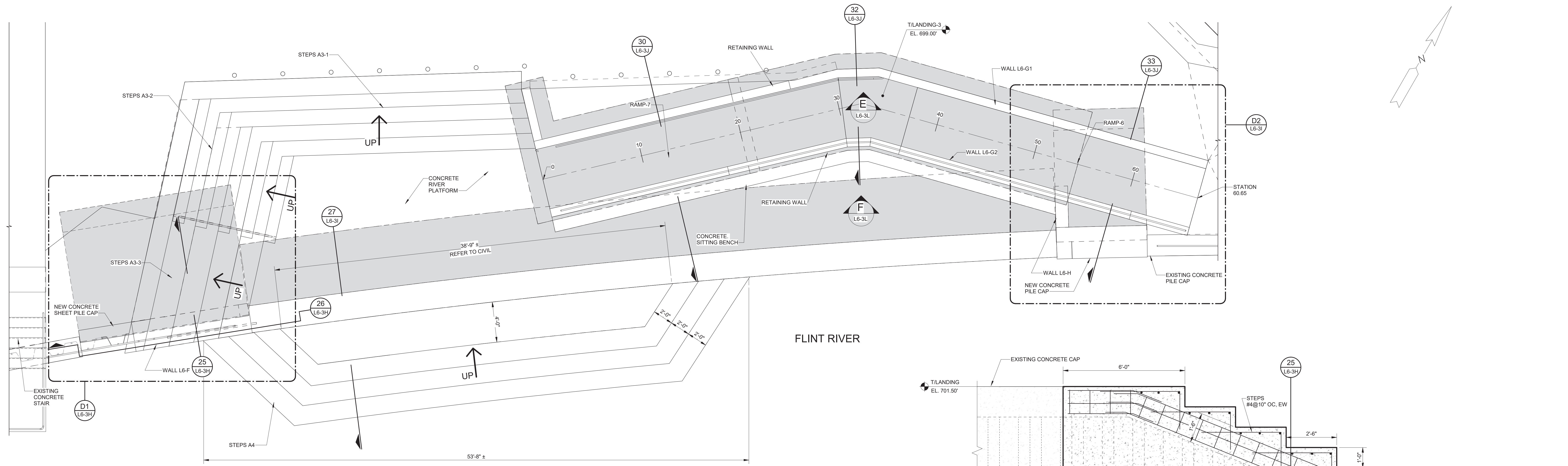


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FLINT RIVERFRONT RESTORATION-PHASE 2
 GRAND FOUNTAIN BLOCK
 STRUCTURAL SECTIONS - 1

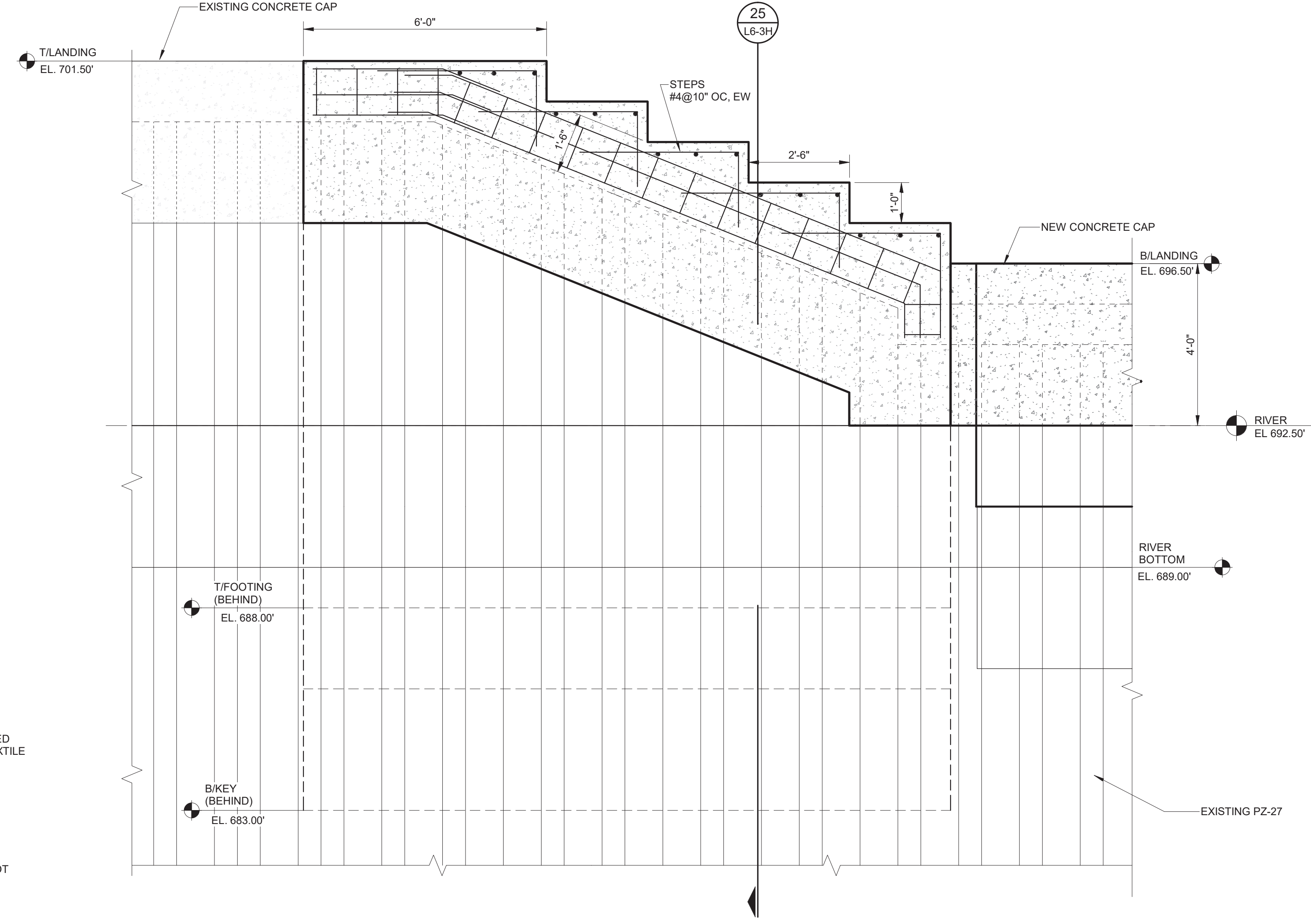
ISSUED FOR: DATE: BY: G	JOB NO: GPA200301F
10/23/24	SHEET
	L6-3G

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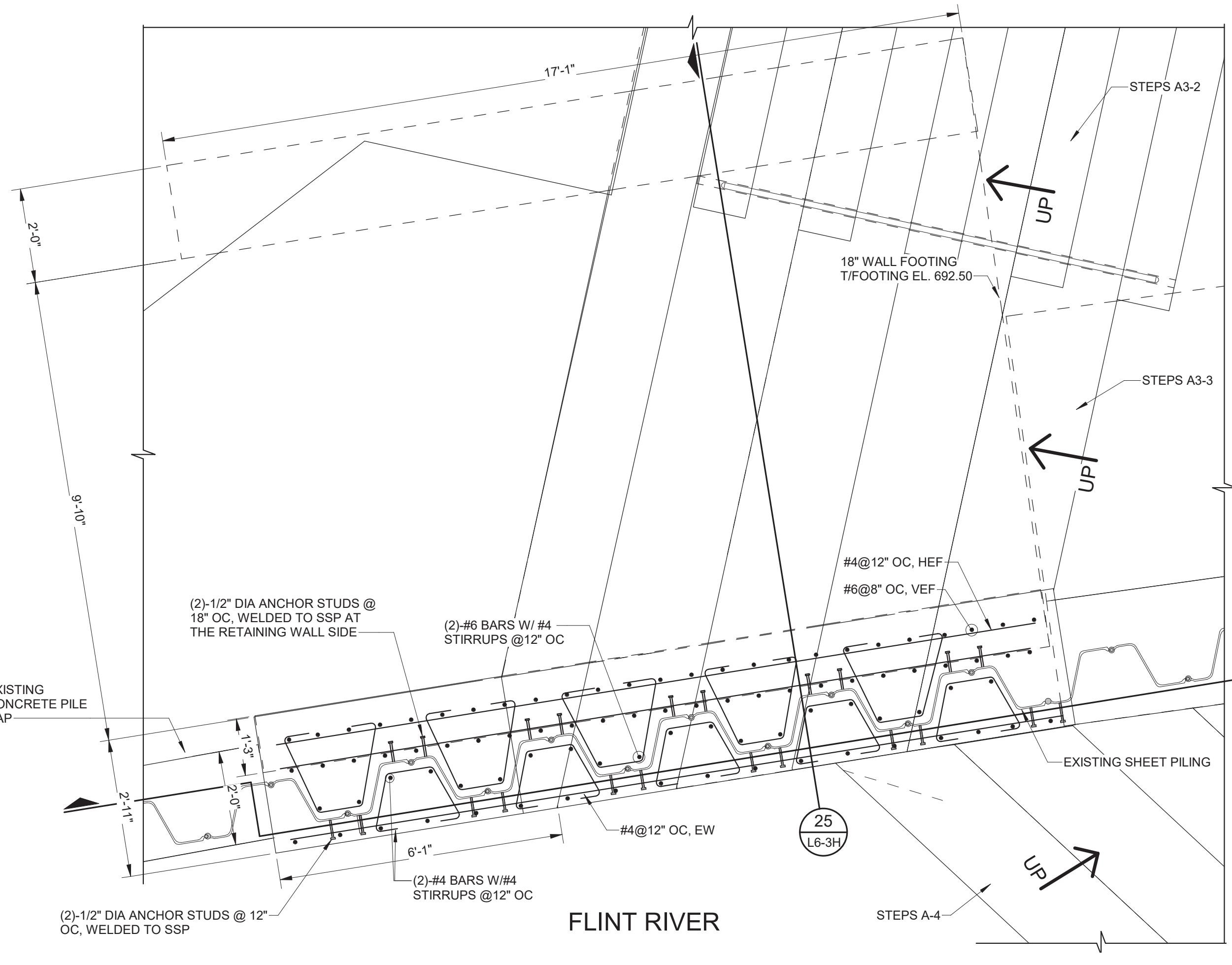
D ENLARGED WORKING PLAN (E) (EL. 713.00)
 SCALE: 1/4" = 1'-0"

- NOTES:
 1. REFER TO CONCRETE STAIRS SCHEDULE ON L6-3J.
 2. REFER TO TYPICAL CONCRETE STAIR SECTION "1" ON L22-2.

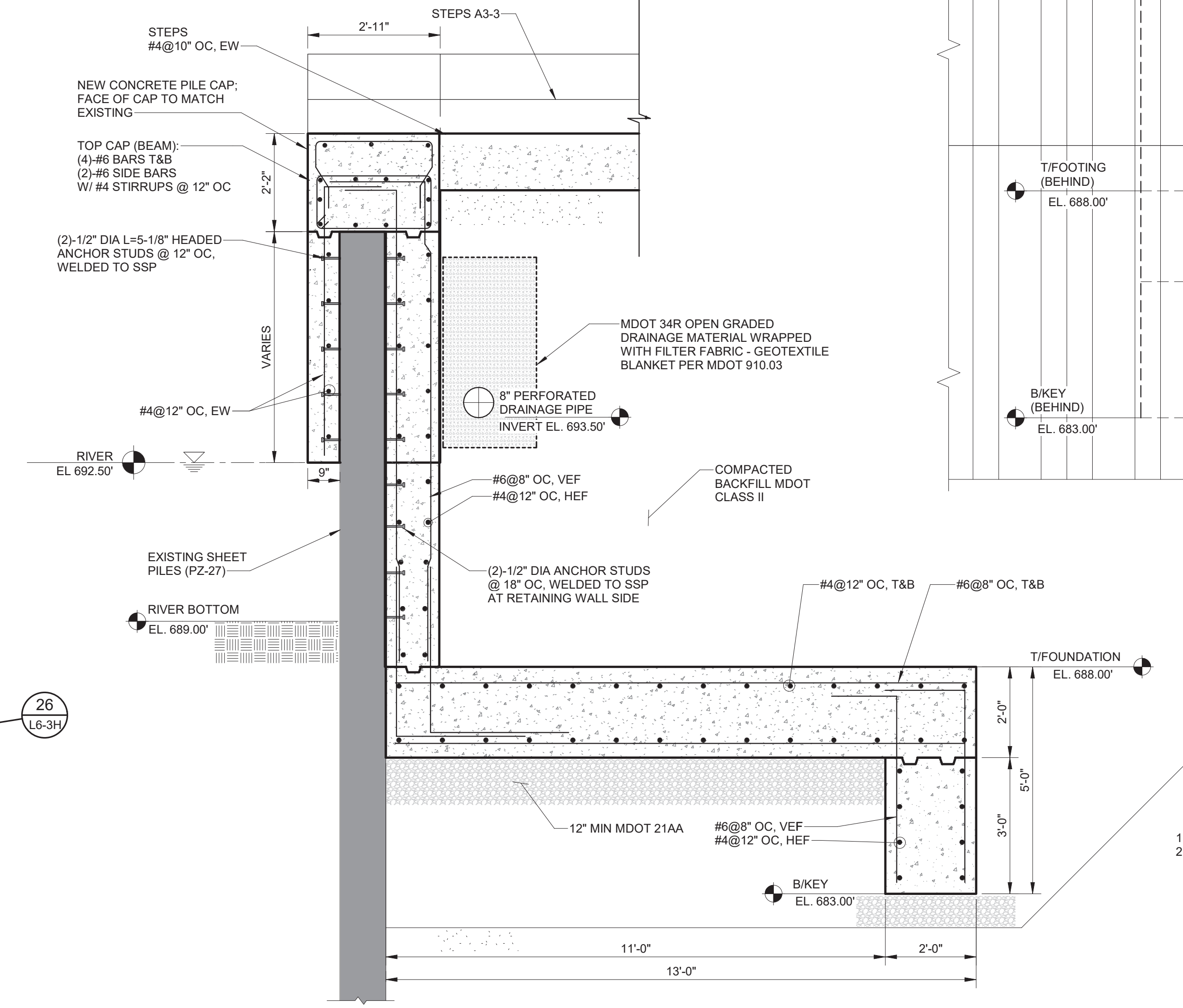


26 WALL L6-F PROFILE SECTION
 SCALE: 1/2" = 1'-0"

NOTE:
 RAILINGS ARE NOT SHOWN FOR CLARITY.
 REFER TO SITE WORK PLAN



D1 WALL L6-F PLAN
 SCALE: 1/2" = 1'-0"



25 WALL L6-F SECTION
 SCALE: 1/2" = 1'-0"

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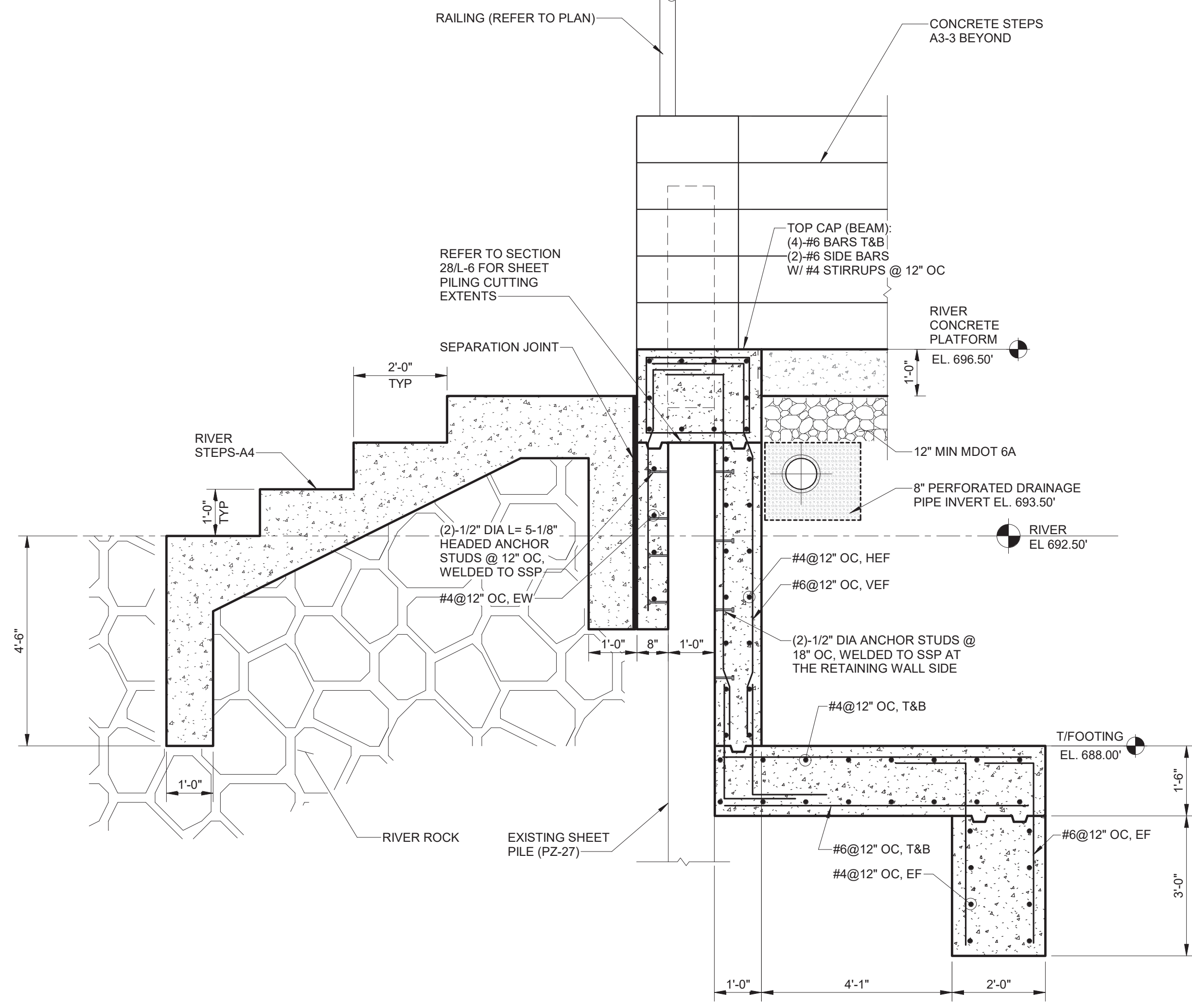
FLINT RIVERFRONT RESTORATION - PHASE 2
 GRAND FOUNTAIN BLOCK
 STRUCTURAL PLANS AND SECTIONS - 4

ISSUED FOR: DATE: BY:
 WB 10/23/24 G

JOB NO: GPA200301F
 SHEET: L6-3H

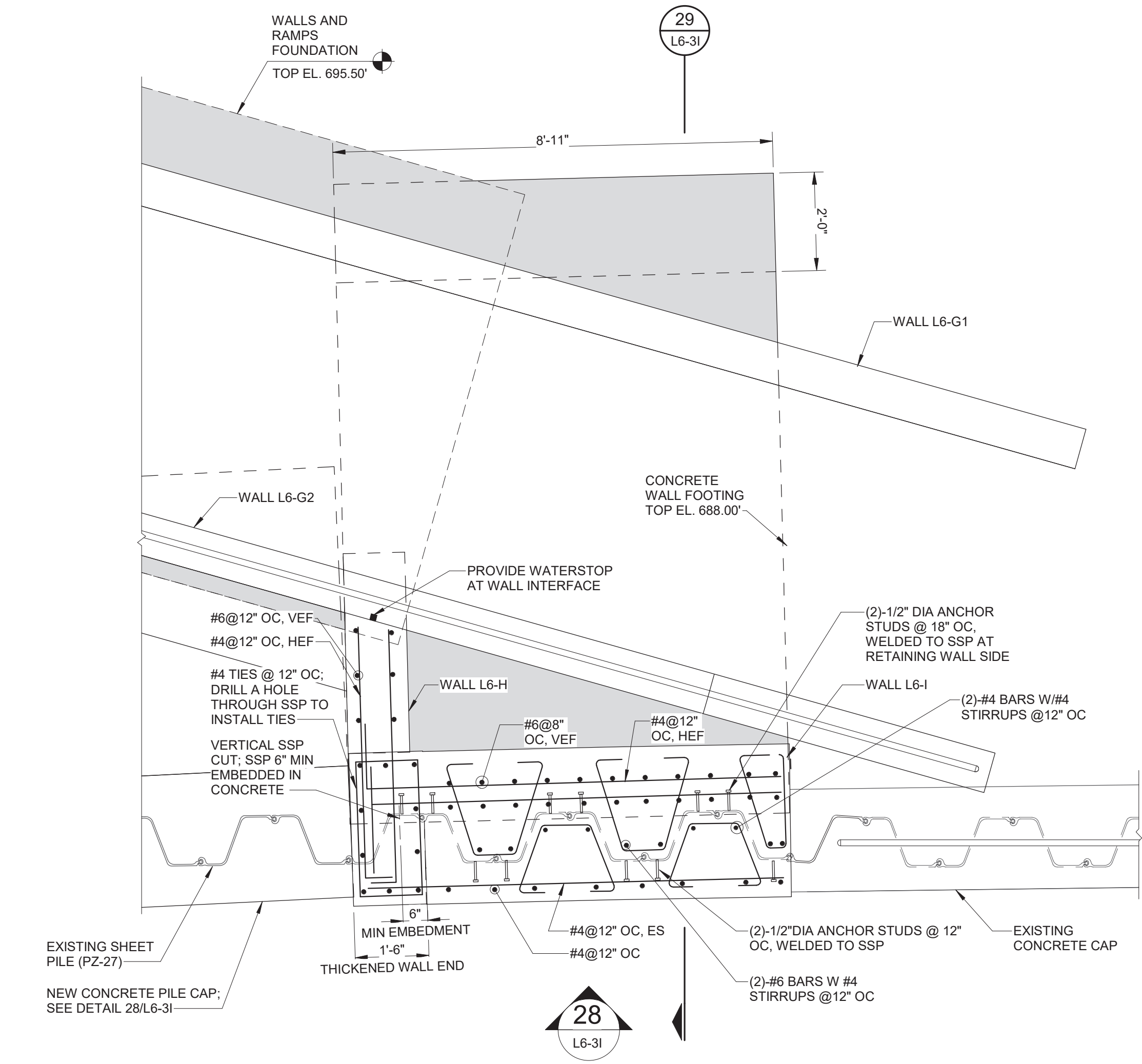
PROJECT MANAGER: 11/17/2024, 2:25:15 PM
 11/17/2024, 2:25:15 PM
 PROJECT MANAGER: (6) Grand Fountain Block-S-R19.rvt

FLINT RIVER RESTORATION



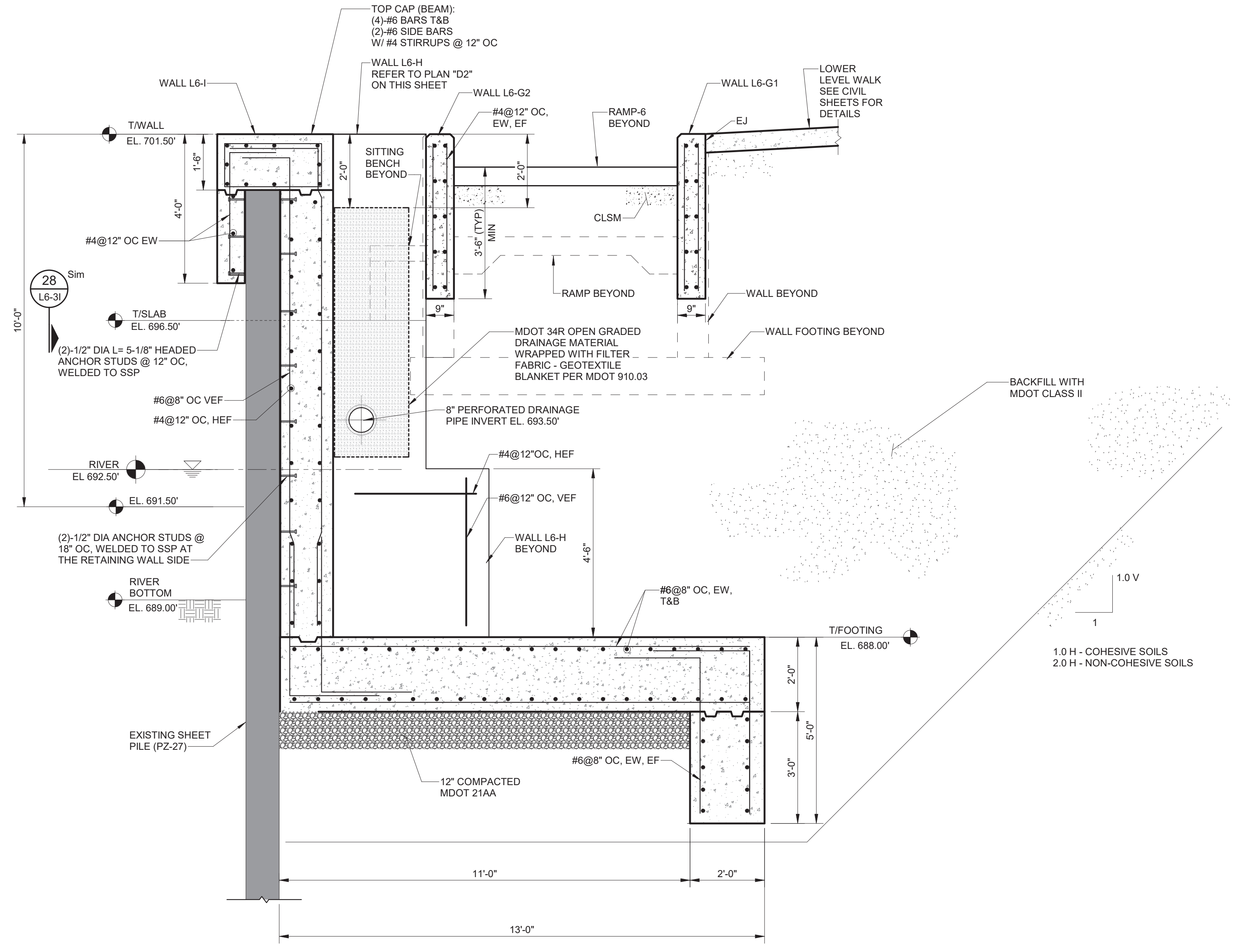
27 RIVER STEPS A4 - SECTION

SCALE: 1/2" = 1'-0"
 NOTES:
 1. REFER TO CONCRETE STAIRS SCHEDULE ON L6-3J.
 2. REFER TO TYPICAL CONCRETE STAIR SECTION "1" ON L2-2 FOR REINFORCEMENT.



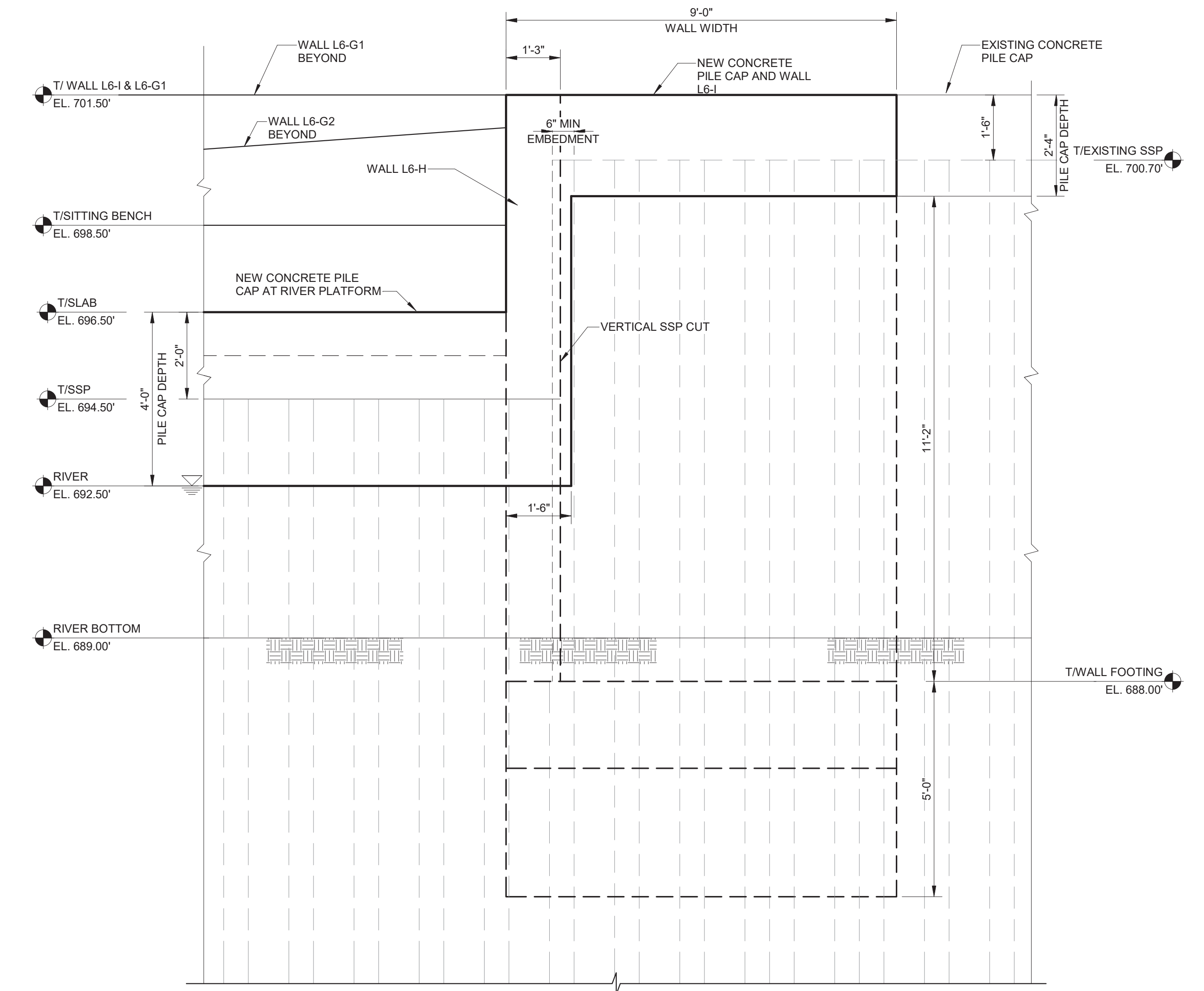
D2 WALLS L6-H AND L6-I PLAN

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



29 WALL L6-H AND L6-I SECTION

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



28 WALL L6-I SECTION

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

11/17/2024 2:25:20 PM

PROJECT MANAGER: PHOENIX/MS (C) Grand Fountain Block-S-819.rvt

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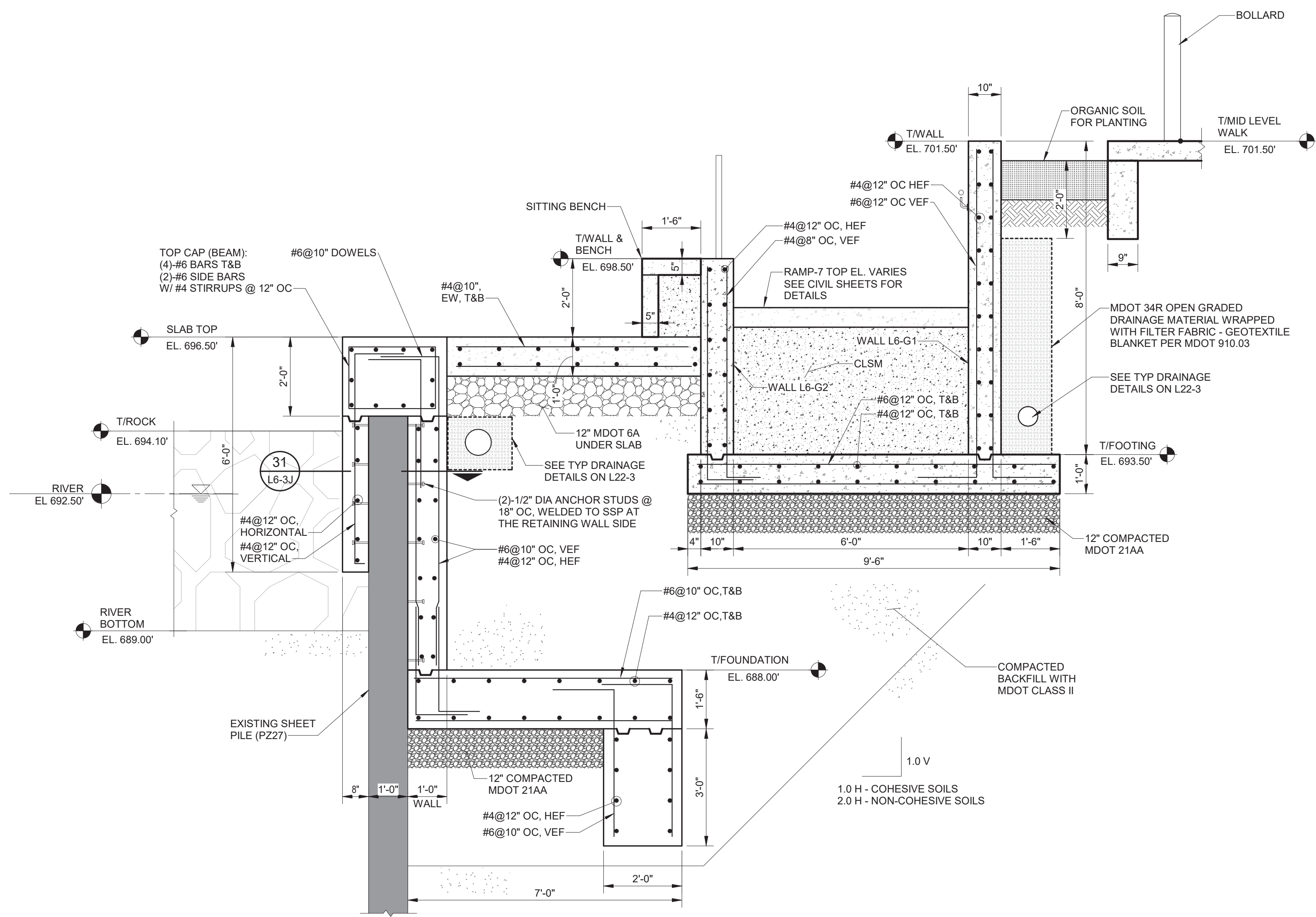
GENESEE COUNTY PARKS & REC
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FLINT RIVERFRONT RESTORATION - PHASE 2
 GRAND FOUNTAIN BLOCK
 STRUCTURAL PLAN AND SECTIONS - 5

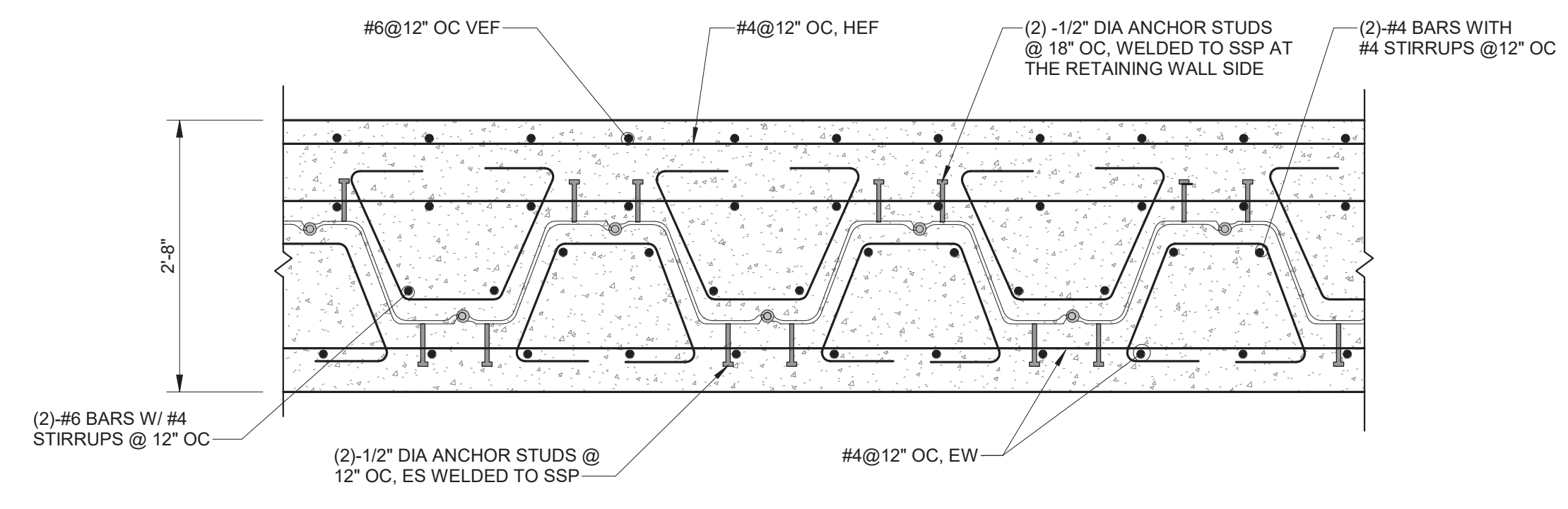
ISSUED FOR: RB	DATE: 10/23/24	BY: G	JOB NO: L GPA200301F
SHEET			L6-31

FLINT RIVER RESTORATION

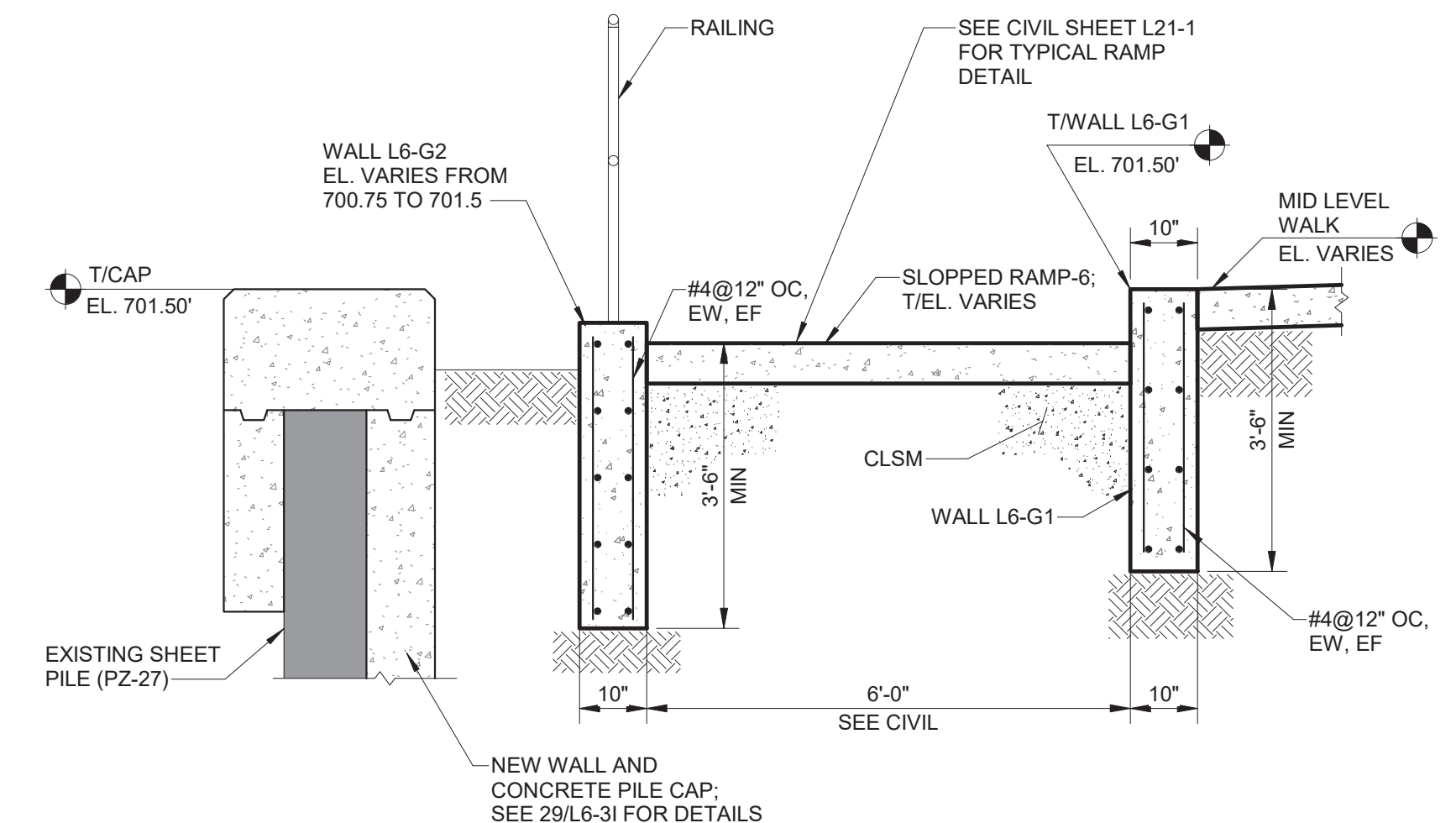
CONCRETE STAIRS SCHEDULE (L6 - GRAND FOUNTAIN BLOCK)					
STAIR ID.	RISER (Inch)	RUN (Inch)	TOP LANDING EL.	BOTTOM LANDING EL.	COMMENTS
STAIR-A1	7"	1'-3"	713.50'	709.50'	REFER TO TYPICAL CONCRETE STAIR DETAIL "2" ON L22-2
STEPS-A2	6"	1'-2"	705.50'	701.50'	REFER TO TYPICAL CONCRETE STAIR DETAIL "2" ON L22-2
STEPS-A3-1	1'-0"	1'-6"	701.50'	696.50'	REFER TO TYPICAL CONCRETE STAIR DETAIL "1" ON L22-2
STEPS-A3-2	6"	1'-2"	701.50'	696.50'	REFER TO TYPICAL CONCRETE STAIR DETAIL "1" ON L22-2
STEPS-A3-3	1'-0"	2'-4"	701.50'	696.50'	REFER TO TYPICAL CONCRETE STAIR DETAIL "1" ON L22-2
STEPS-A4	1'-0"	2'-0"	695.50'	692.50'	UPPER STEP RUN = 4'-0", REFER TO TYPICAL CONCRETE STAIR DETAIL "1" ON L22-2
STEPS-A5	5 1/4"	2'-4"	713.50'	711.75'	UPPER STEP RUN VARIES, REFER TO TYPICAL CONCRETE STAIR DETAIL "2" ON L22-2



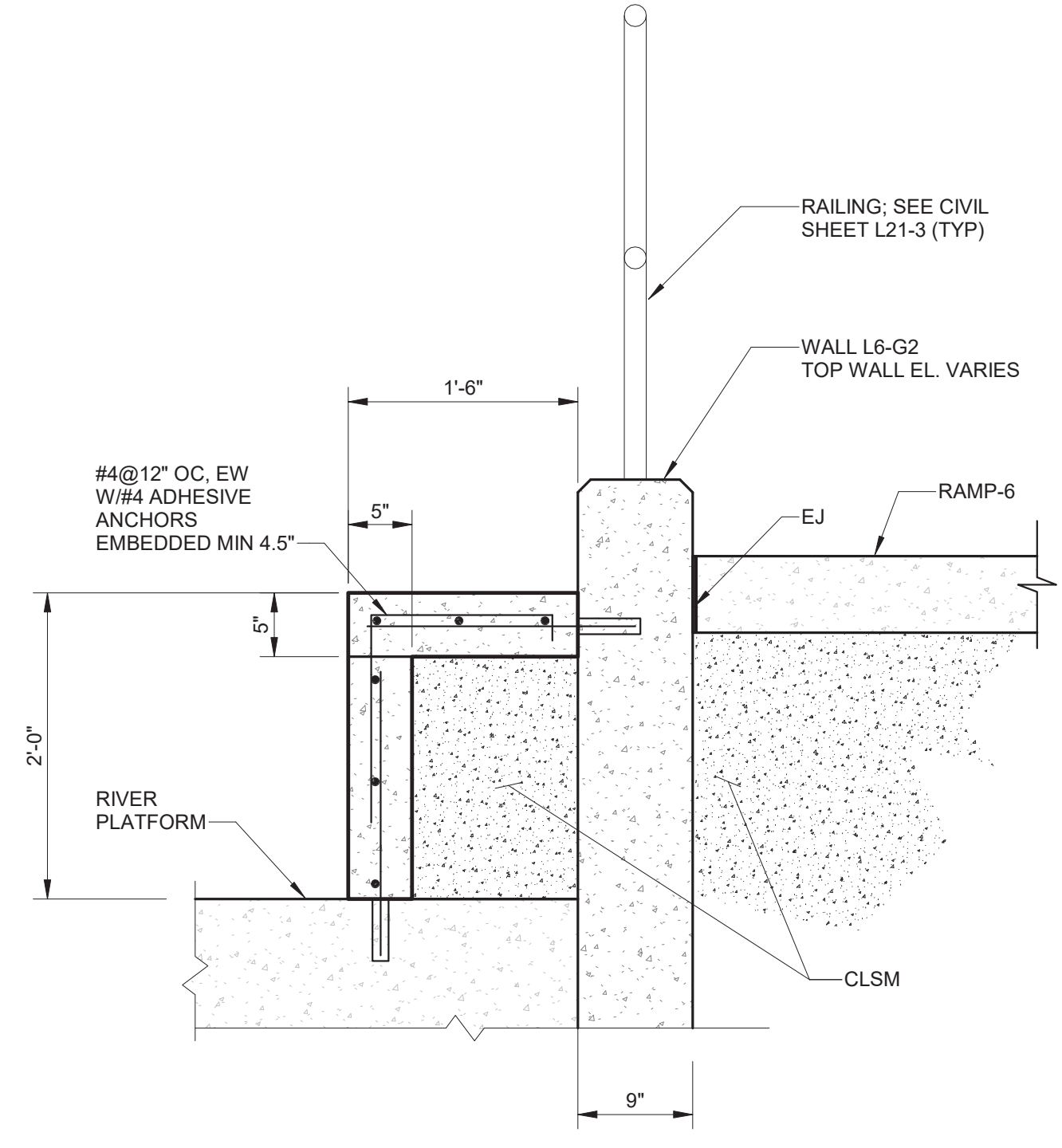
30 RAMP-7 SECTION-I
 L6-3H SCALE: 1/2" = 1'-0"
 NOTE: RIVER STEPS NOT SHOWN FOR CLARITY.



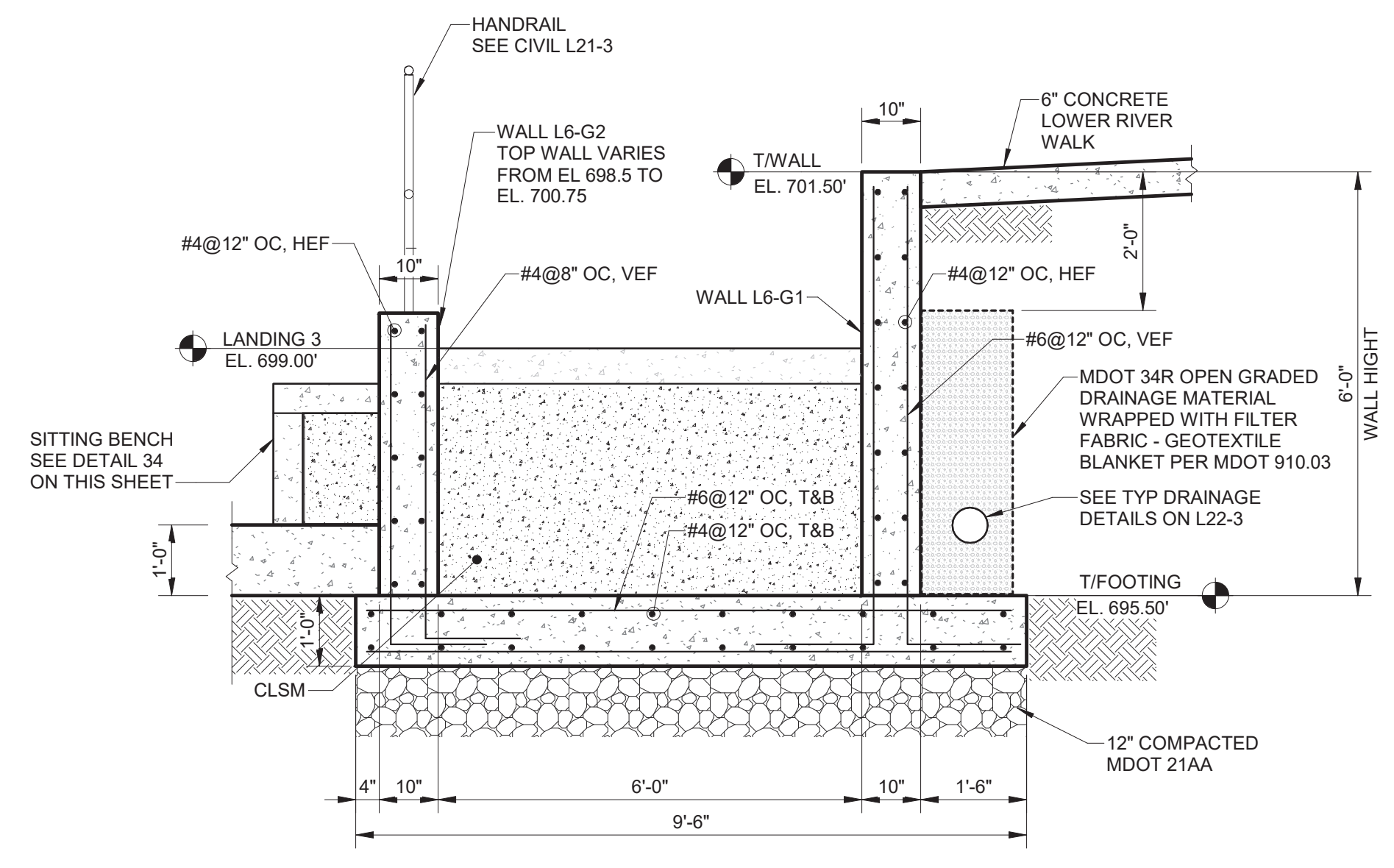
31 LOWER PILE CONCRETE CAP PLAN DETAIL
 L6-3J SCALE: 3/4" = 1'-0"



33 RAMP-6 SECTION-I
 L6-3H SCALE: 1/2" = 1'-0"



34 SITING BENCH SECTION
 SCALE: 1" = 1'-0"



32 LANDING-3 SECTION
 L6-3H SCALE: 1/2" = 1'-0"

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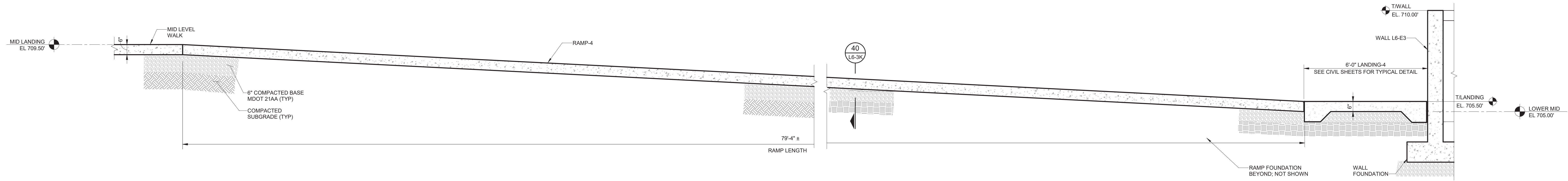
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FLINT RIVERFRONT RESTORATION - PHASE 2
 GRAND FOUNTAIN BLOCK
 STRUCTURAL SECTIONS AND SCHEDULE

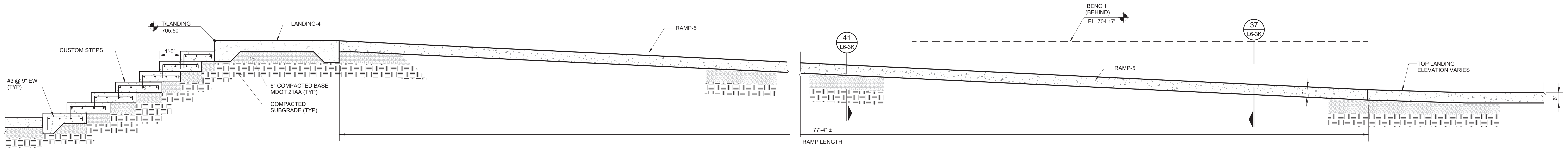
ISSUED FOR: DATE: BY:	JOB NO:
WB 10/23/24 G	GPA200301F
SHEET	L6-3J

PROJECT MANAGER: 11/17/2024 2:25:24 PM

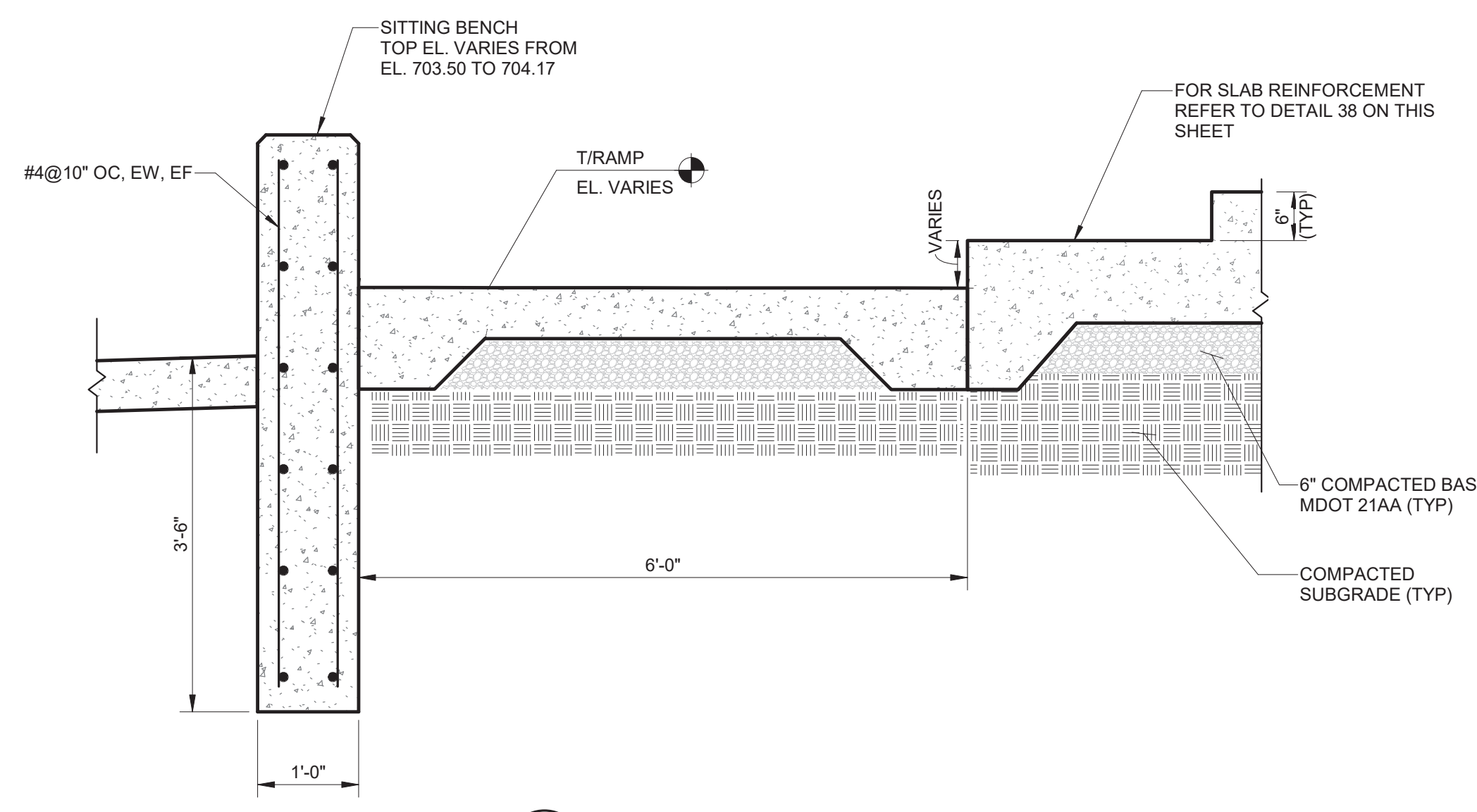
FLINT RIVER RESTORATION



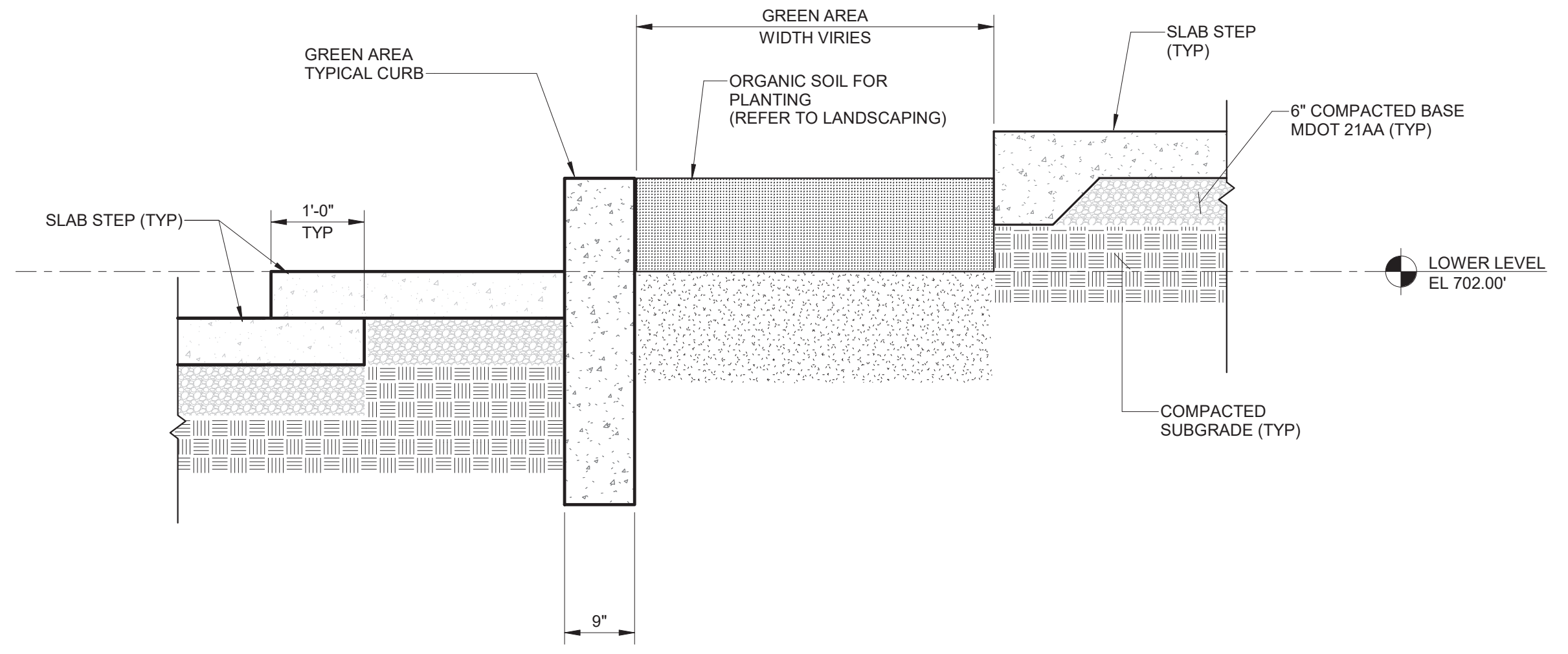
35 RAMP-4 SECTION-I
L6-3K SCALE: 1/2" = 1'-0"



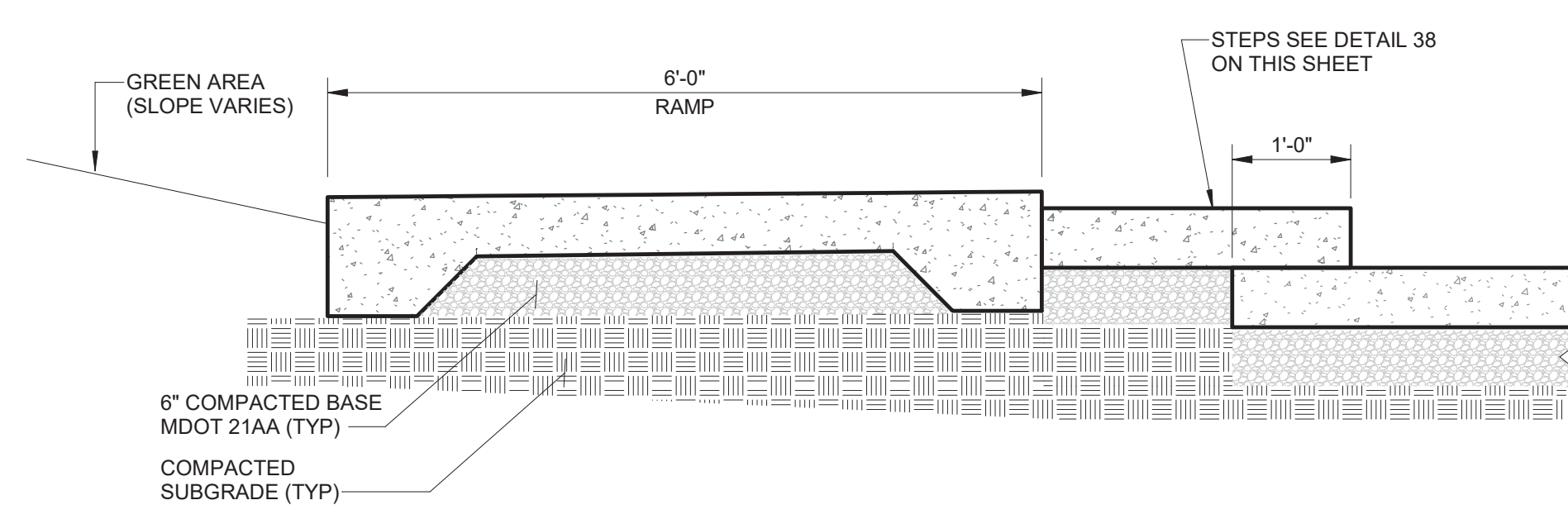
36 RAMP-5 SECTION-I
L6-3K SCALE: 1/2" = 1'-0"



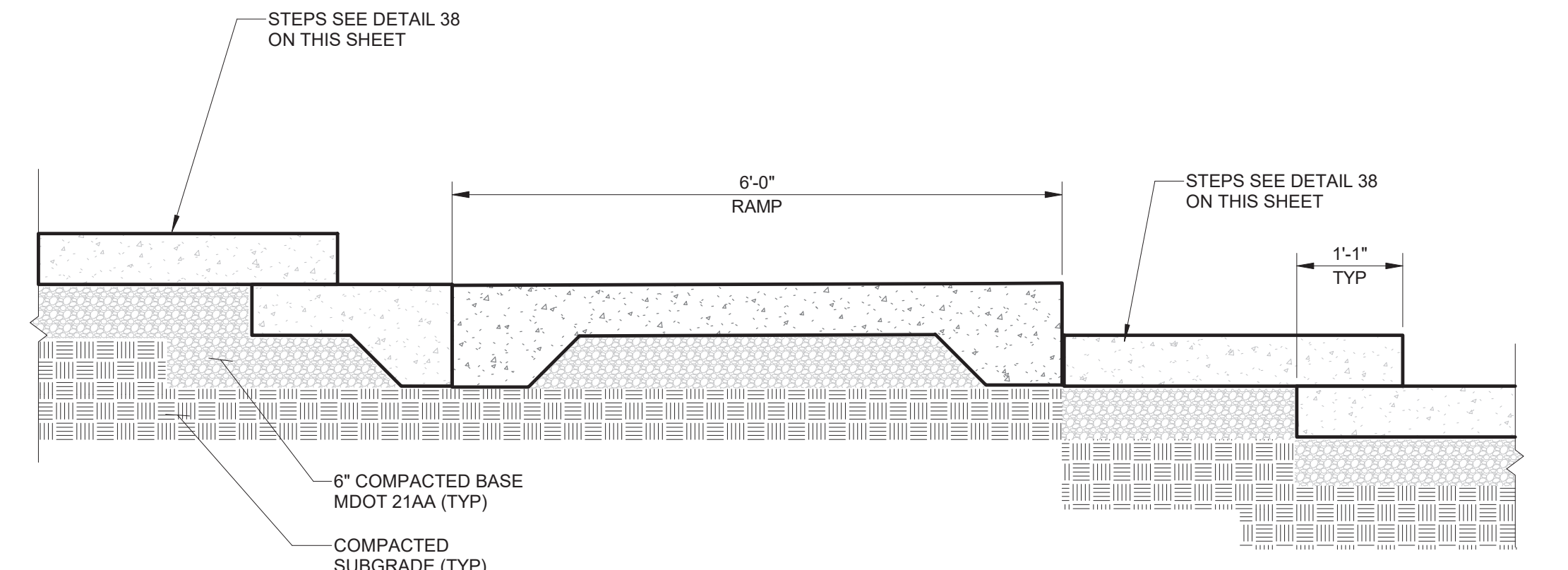
37 RAMP-5 SECTION-II
L6-3K SCALE: 3/4" = 1'-0"



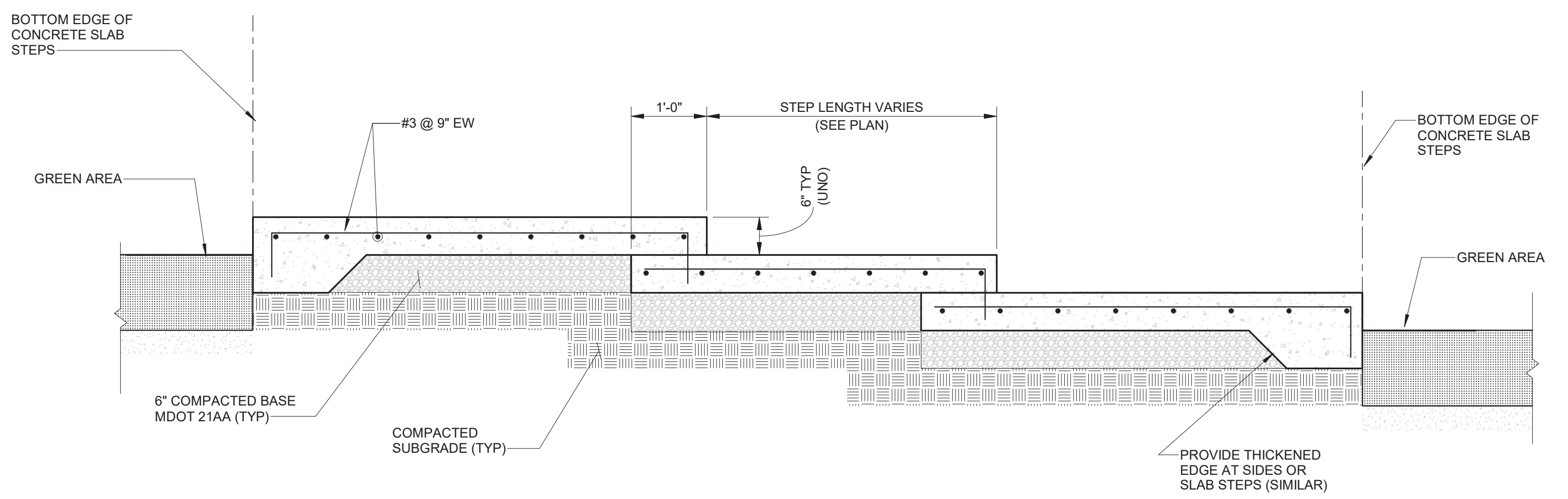
39 TYPICAL GREEN AREA SECTION
SCALE: 3/4" = 1'-0"



40 TYPICAL SECTION RAMP-4
L6-3K SCALE: 3/4" = 1'-0"

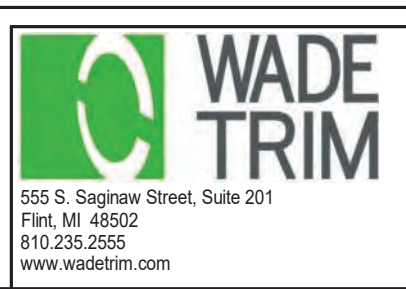


41 TYPICAL SECTION RAMP-5
L6-3K SCALE: 3/4" = 1'-0"



38 CUSTOM STEPS TYPICAL SECTION
SCALE: 3/4" = 1'-0"

REV#	DATE	DESCRIPTION	BY



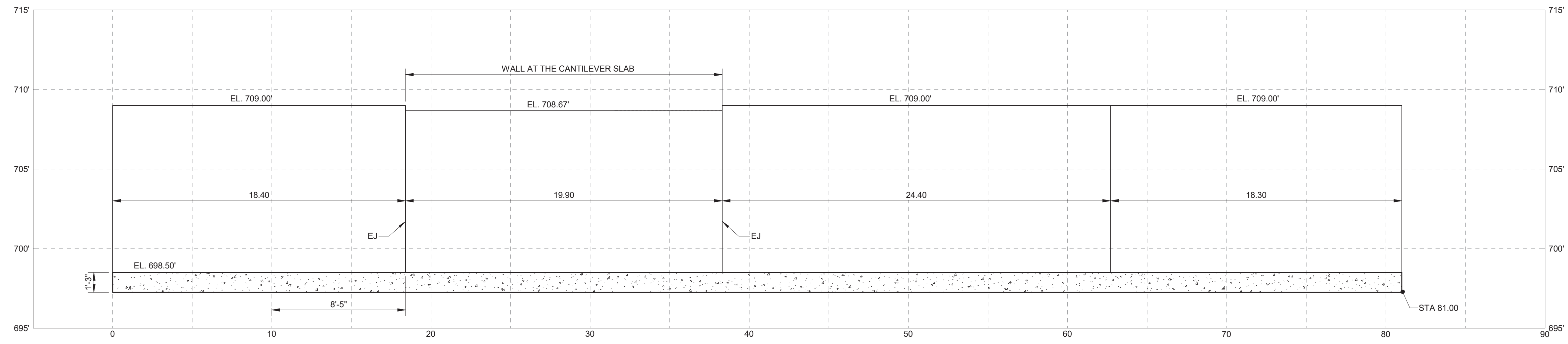
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FLINT RIVERFRONT RESTORATION - PHASE 2
GRAND FOUNTAIN BLOCK
STRUCTURAL SECTIONS - 2

ISSUED FOR: DATE: BY: G
JOB NO: GPA200301F
SHEET: L6-3K

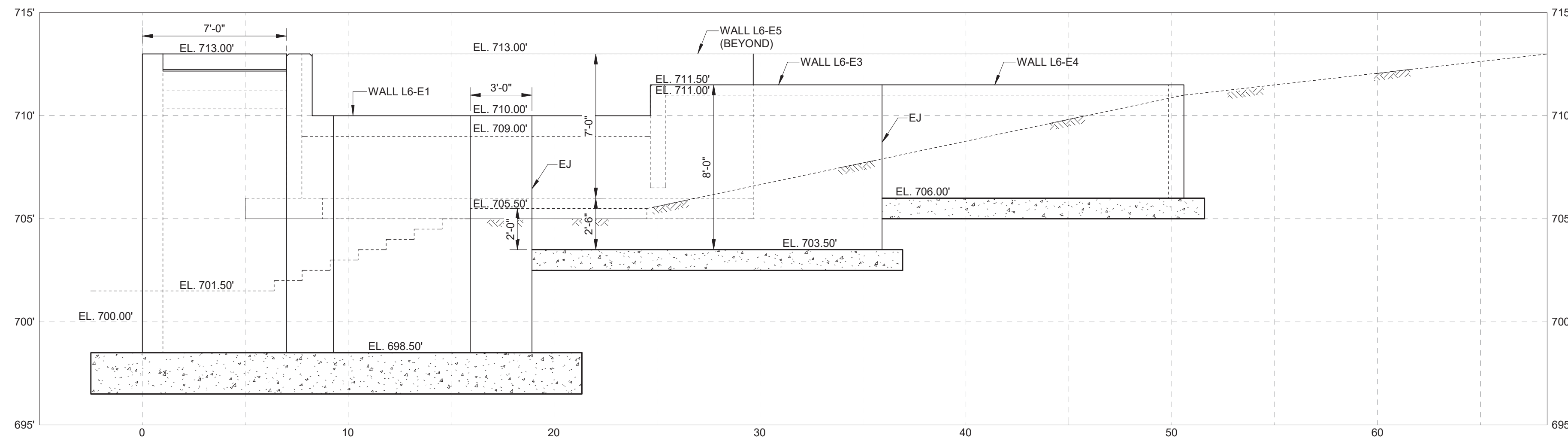
PROJECT MANAGER: 11/17/2024 2:25:27 PM
PROJECT: GRAND FOUNTAIN BLOCK-S-819.rvt

FLINT RIVER RESTORATION



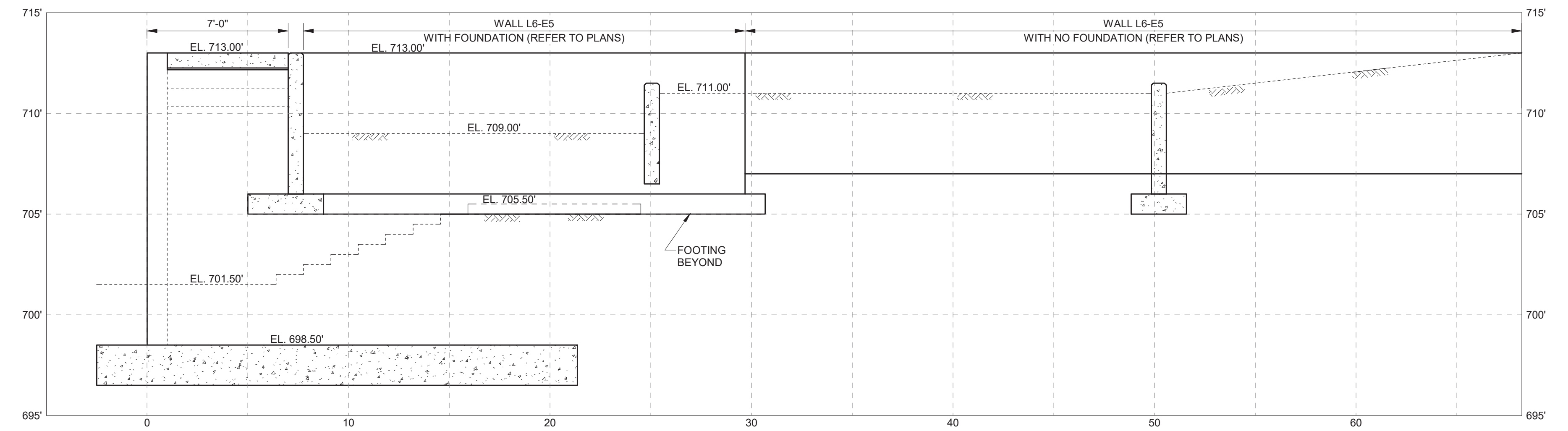
A WALL L6-A PROFILE
L6-3F SCALE: 1/4" = 1'-0"

NOTE: REFER TO L6-3F AND L6-3G FOR (WALL & FOUNDATION) SECTIONS AND DETAILS.



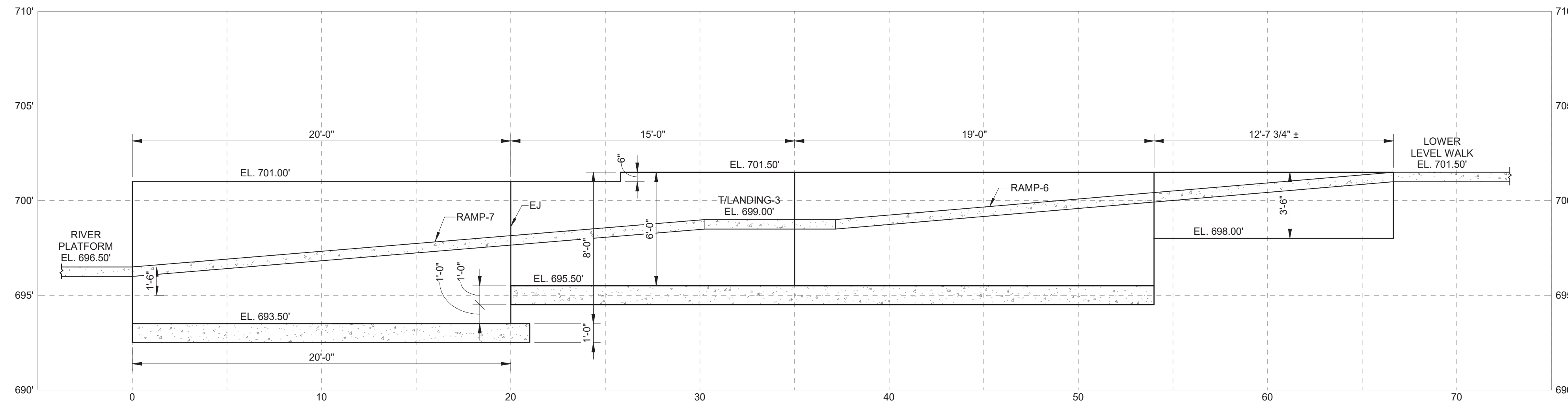
B WALLS (L6-E1, L6-E3 AND L6-E4) PROFILES
L6-3D SCALE: 1/4" = 1'-0"

NOTE: REFER TO L6-3D FOR (WALL & FOUNDATION) SECTIONS AND DETAILS.



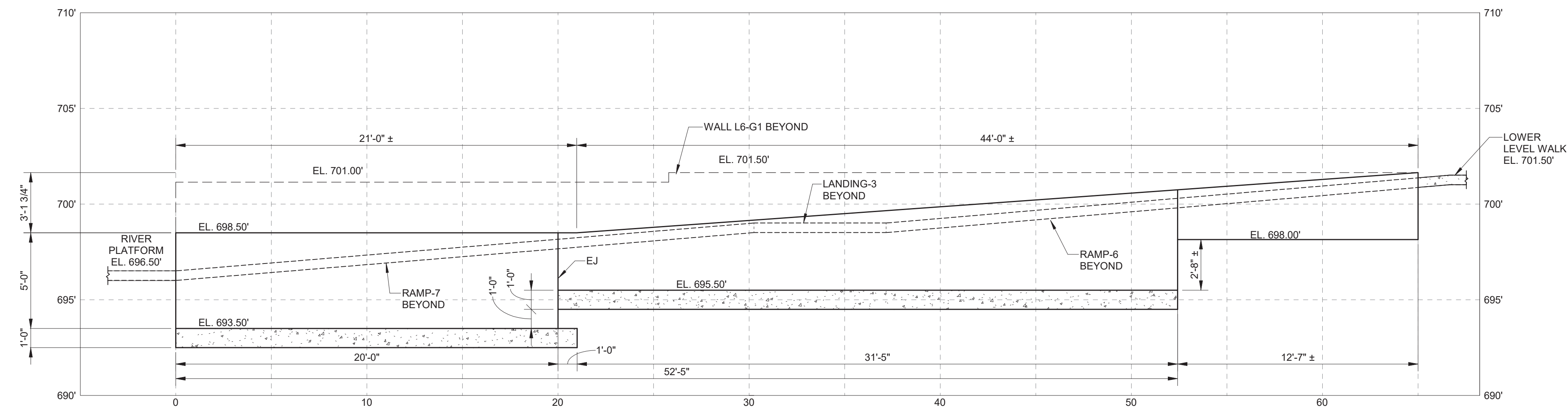
C WALL L6-E5 PROFILE
L6-3D SCALE: 1/4" = 1'-0"

NOTE: REFER TO L6-3D FOR (WALL & FOUNDATION) SECTIONS AND DETAILS.



E WALL L6-G1 PROFILE
L6-3H SCALE: 1/4" = 1'-0"

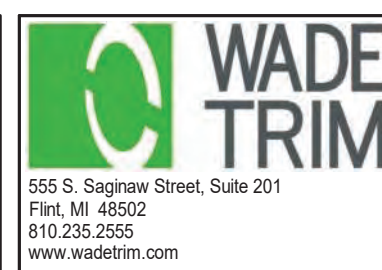
NOTE: REFER TO L6-3J (WALL & FOUNDATION) SECTIONS AND DETAILS.



F WALL L6-G2 PROFILE
L6-3H SCALE: 1/4" = 1'-0"

NOTE: REFER TO L6-3J (WALL & FOUNDATION) SECTIONS AND DETAILS.

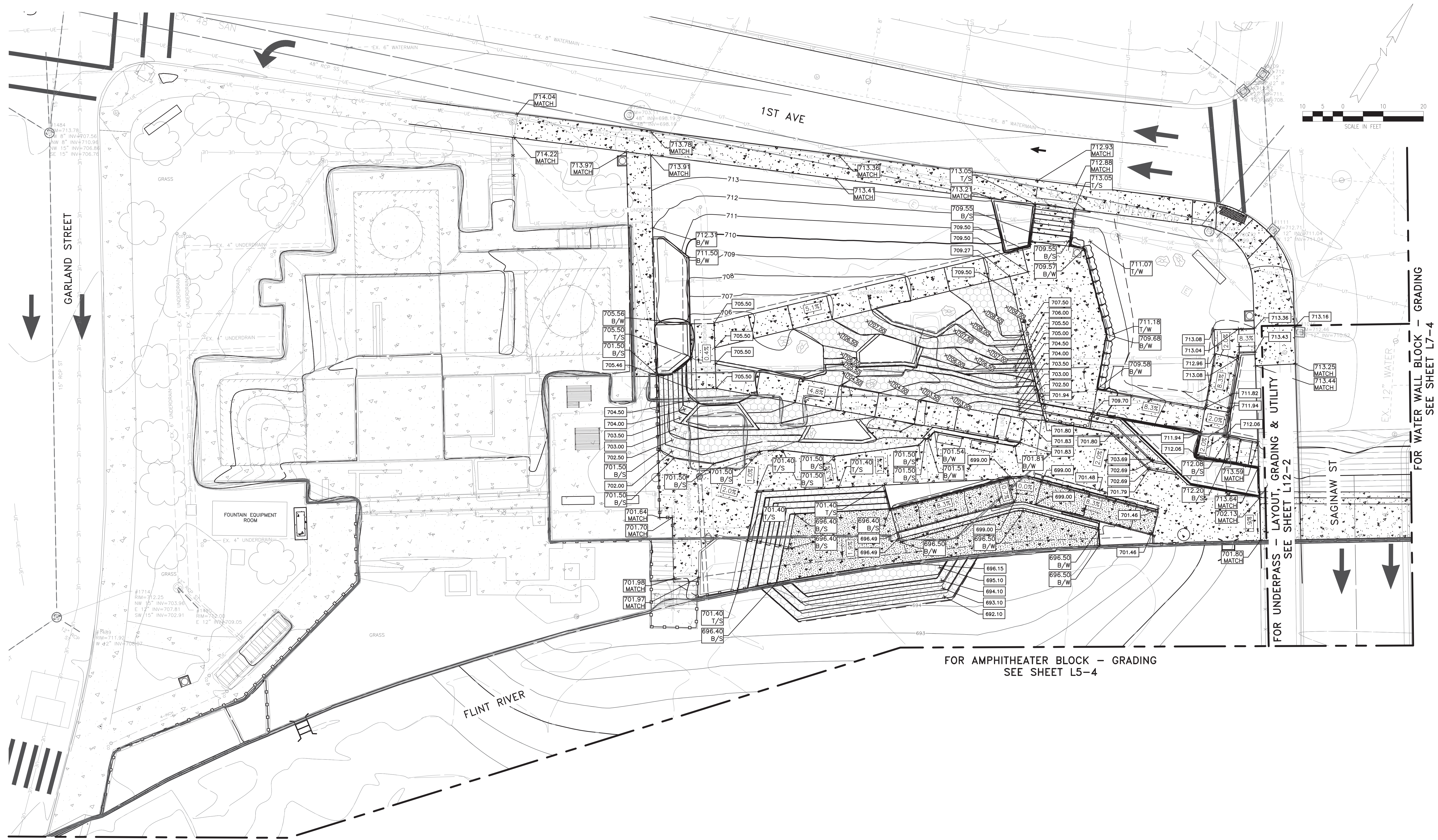
REV#	DATE	DESCRIPTION	BY



GENESSEE COUNTY PARKS & REC
5045 E. STANLEY ROAD
FLINT, MI 48506

FLINT RIVERFRONT RESTORATION - PHASE 2
GRAND FOUNTAIN BLOCK
STRUCTURAL SECTIONS - 3

ISSUED FOR: DATE: BY: JOB NO:
WB 10/23/24 G GPA200301F
SHEET
L6-3L



GARLAND STREET

1ST AVE

FLINT RIVER

SAGINAW ST

FOR UNDERPASS - LAYOUT, GRADING & UTILITY
SEE SHEET L12-2

FOR AMPHITHEATER BLOCK - GRADING
SEE SHEET L5-4

FOR WATER WALL BLOCK - GRADING
SEE SHEET L7-4



PROJECT MANAGER: JAMES WEAVER; FIELD PLANNING: JAMES WEAVER; DESIGN: JAMES WEAVER; CHECKED: JAMES WEAVER; DATE: 10/24/2024; BY: JAMES WEAVER; SCALE: AS SHOWN; DRAWING NO.: L6-4; SHEET NO.: L6-4



REV#	DATE	DESCRIPTION	BY



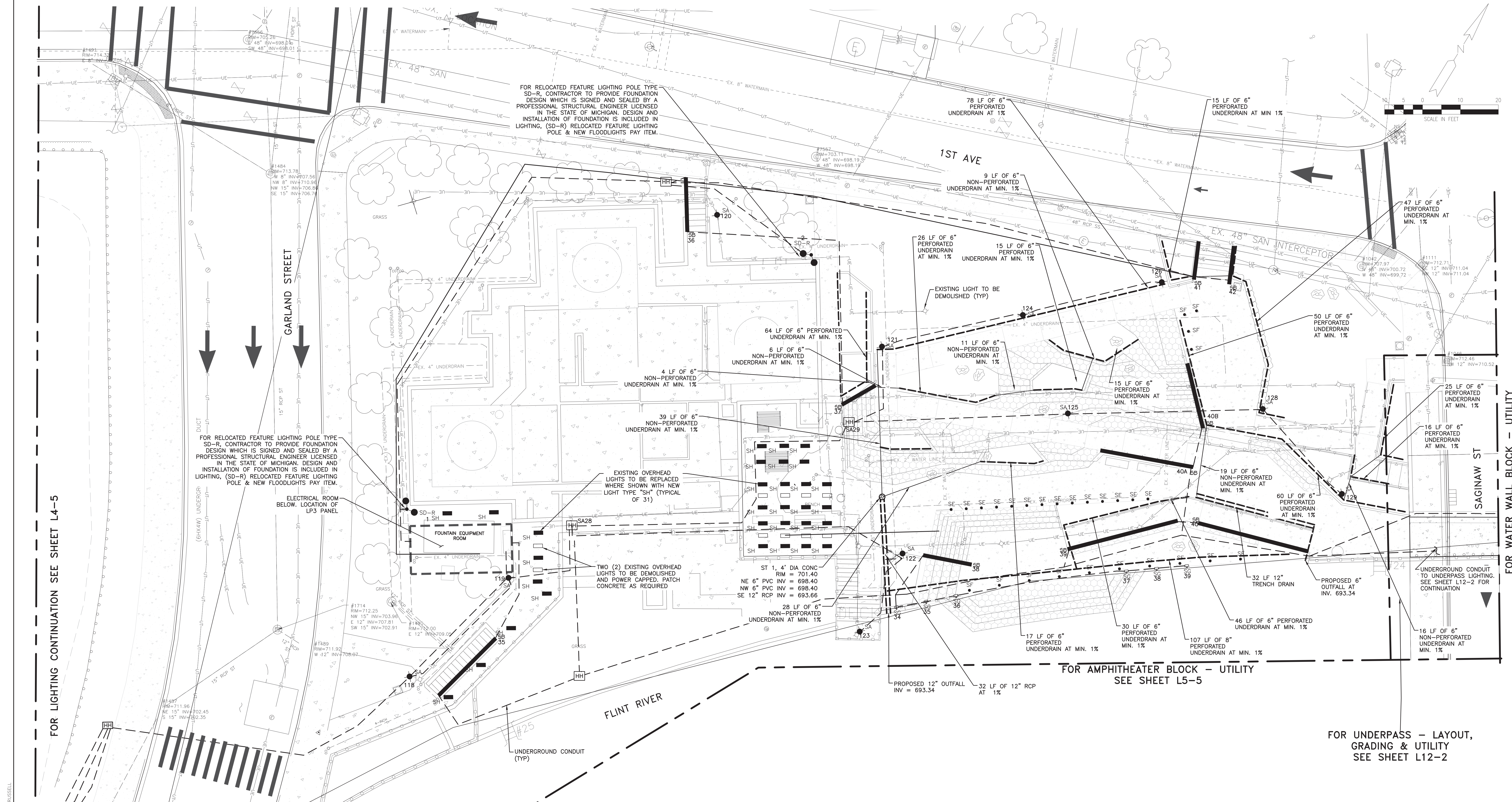
GENESEE COUNTY PARKS & REC
5045 E. STANLEY ROAD
FLINT, MI 48506

FLINT RIVERFRONT RESTORATION - PHASE 2
GRAND FOUNTAIN BLOCK - GRADING

ISSUED FOR: DATE: BY:
FB: 10/23/24 SAL

JOB NO. GPA200301F
SHEET L6-4

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FOR LIGHTING CONTINUATION SEE SHEET L4-5

FOR WATER WALL BLOCK - UTILITY
SEE SHEET L7-5

FOR AMPHITHEATER BLOCK - UTILITY
SEE SHEET L5-5

FOR UNDERPASS - LAYOUT,
GRADING & UTILITY
SEE SHEET L12-2

ELECTRICAL NOTES

- REFER TO SHEETS E1-7 THRU E1-9 FOR LIGHTING SCHEDULE AND DETAILS.
- REFER TO LIGHTING DIAGRAMS ON SHEETS E1-1 THRU E1-6 FOR CONDUIT/WIRING SIZES.
- ROUTE NEW UNDERGROUND CONDUIT AS CLOSE AS POSSIBLE TO NEW SIDEWALK. COORDINATE WITH ANY EXISTING UTILITIES TO AVOID CONFLICTS. CONDUITS SHALL ALSO AVOID EXISTING TREES AND DRIP LINES WHEREVER POSSIBLE. CONFIRM CONDUIT ROUTING IN FIELD WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. REFER TO LIGHTING DIAGRAMS FOR CONDUIT/WIRES SIZES.
- PROVIDE HANDHOLES AS REQUIRED PER THE NATIONAL ELECTRICAL CODE.
- FOR EXISTING LIGHT POLE DEMOLITION, REFER TO L6-2A REMOVAL SHEETS.
- ELECTRICAL CONDUITS ROUTING ARE APPROXIMATE. CONTRACTOR TO ROUTE CONDUITS AS CLOSE TOGETHER AS POSSIBLE. COORDINATE ROUTING WITH EXISTING AND PROPOSED UTILITIES, AND AVOID DISTURBANCE TO EXISTING TREES. FINAL CONDUIT ROUTING SHALL BE APPROVED IN FIELD BY ENGINEER AND LANDSCAPE ARCHITECT.

LIGHTING LEGEND

- SA ● TYPE SA LIGHT POLE
- SB ■ TYPE SB HANDRAIL LIGHTS
- SC ■ TYPE SC IN-GRADE AT TUNNELS
- SD-N ● TYPE SD-N NEW FEATURE LIGHTING POLE + NEW FLOODLIGHTS
- SD-R ● TYPE SD-R RELOCATED FEATURE LIGHTING POLE + NEW FLOODLIGHTS
- SD-E ● TYPE SD-E EXISTING POLE + NEW FLOODLIGHTS
- SE ● TYPE SE LIGHTED BOLLARD
- SF ● TYPE SF SOLAR MARKER LIGHT
- SG ■ TYPE SG WALL-RECESSED MARKER LIGHT
- SH ■ TYPE SH OVERHEAD LIGHT IN CONCRETE SLAB
- HH ■ HANDHOLE
- WEATHERPROOF WHILE-IN-USE RECEPTACLE

PROJECT MANAGER: [Name], DESIGNER: [Name], DATE: 10/23/24



REV#	DATE	DESCRIPTION	BY

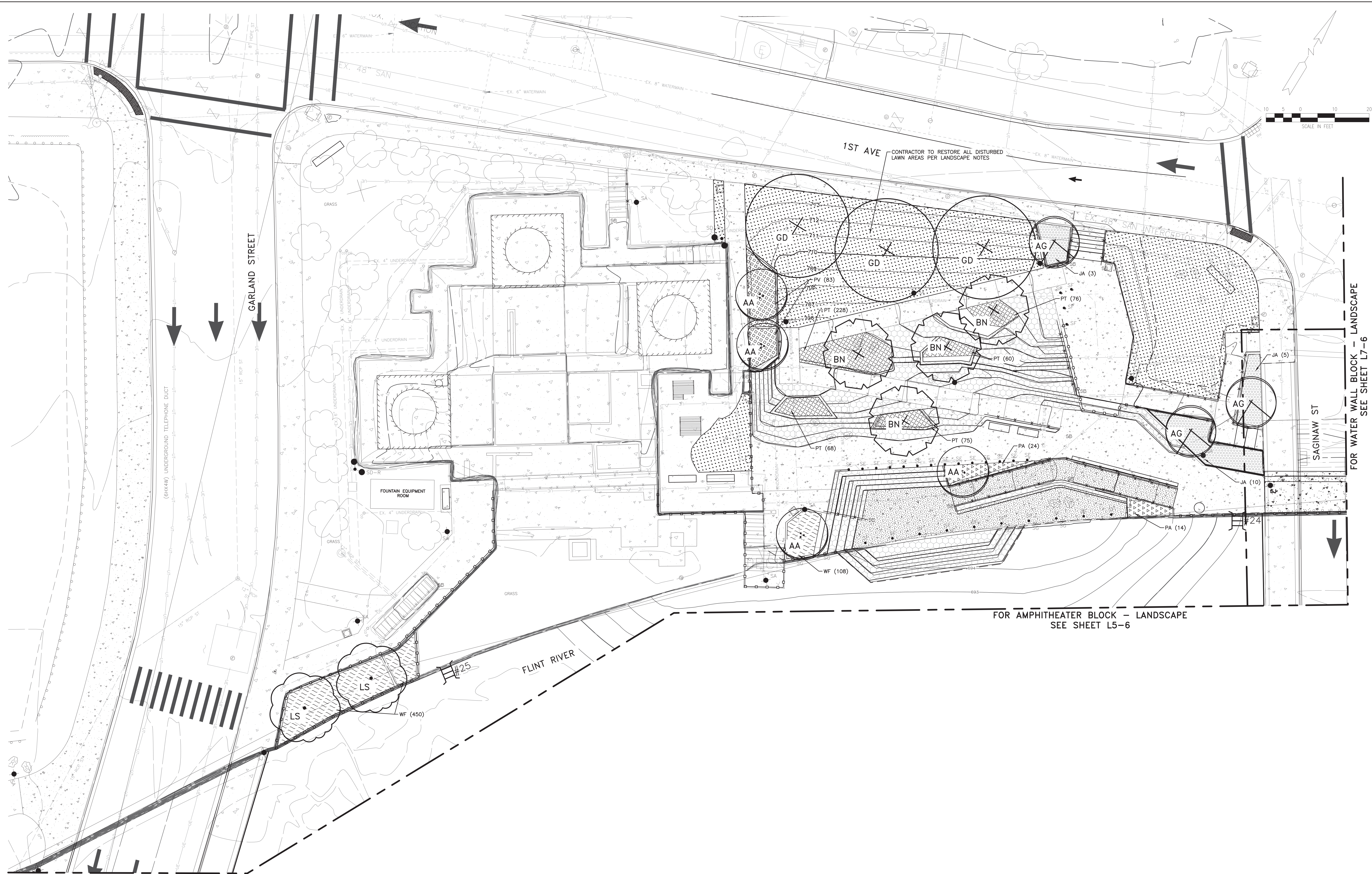


GENESSEE COUNTY PARKS & REC
5045 E. STANLEY ROAD
FLINT, MI 48506

FLINT RIVERFRONT RESTORATION - PHASE 2
GRAND FOUNTAIN BLOCK - UTILITY

ISSUED FOR: [Name]	DATE: 10/23/24	BY: [Name]	JOB NO.: GPA200301F
SHEET			L6-5

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PROJECT MANAGER: JAMES WEAVER
 CIVIL ENGINEER: JAMES WEAVER
 DESIGNER: JAMES WEAVER
 CHECKER: JAMES WEAVER
 PLOTTED: 10/24/2024 8:20 AM BY: WHALEY, RUSSELL



REV#	DATE	DESCRIPTION	BY

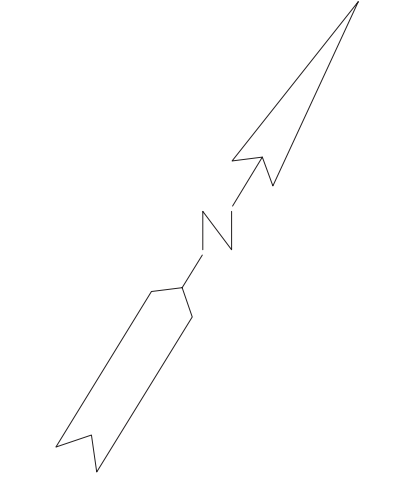


GENESEE COUNTY PARKS & REC
 5045 E. STANLEY ROAD
 FLINT, MI 48506

FLINT RIVERFRONT RESTORATION - PHASE 2
 GRAND FOUNTAIN BLOCK - LANDSCAPE

ISSUED FOR: FBI	DATE: 10/23/24	BY: SAL	JOB NO: GPA200301F
SHEET			L6-6

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FOR UNDERPASS - EXISTING & REMOVALS
SEE SHEET L12-1

FOR GRAND FOUNTAIN BLOCK - EXISTING
SEE SHEET L6-1

FOR ARCHIMEDES SCREW BLOCK - WEST EXISTING
SEE SHEET L10-1



FOR MARKET STALL BLOCK - EXISTING
SEE SHEET L8-1

PROJECT MANAGER: JAMES WHEALEY; FIELD ENGINEER: JAMES WHEALEY; DESIGNER: JAMES WHEALEY; CHECKER: JAMES WHEALEY; PLOTTED: 10/24/2024 8:21 AM BY WHEALEY, RUSSELL



REV#	DATE	DESCRIPTION	BY



GENESEE COUNTY PARKS & REC
5045 E. STANLEY ROAD
FLINT, MI 48506

FLINT RIVERFRONT RESTORATION - PHASE 2
WATER WALL BLOCK - EXISTING

ISSUED FOR: DATE: BY: JOB NO.
FBI 10/23/24 SAL GPA200301F

SHEET
L7-1

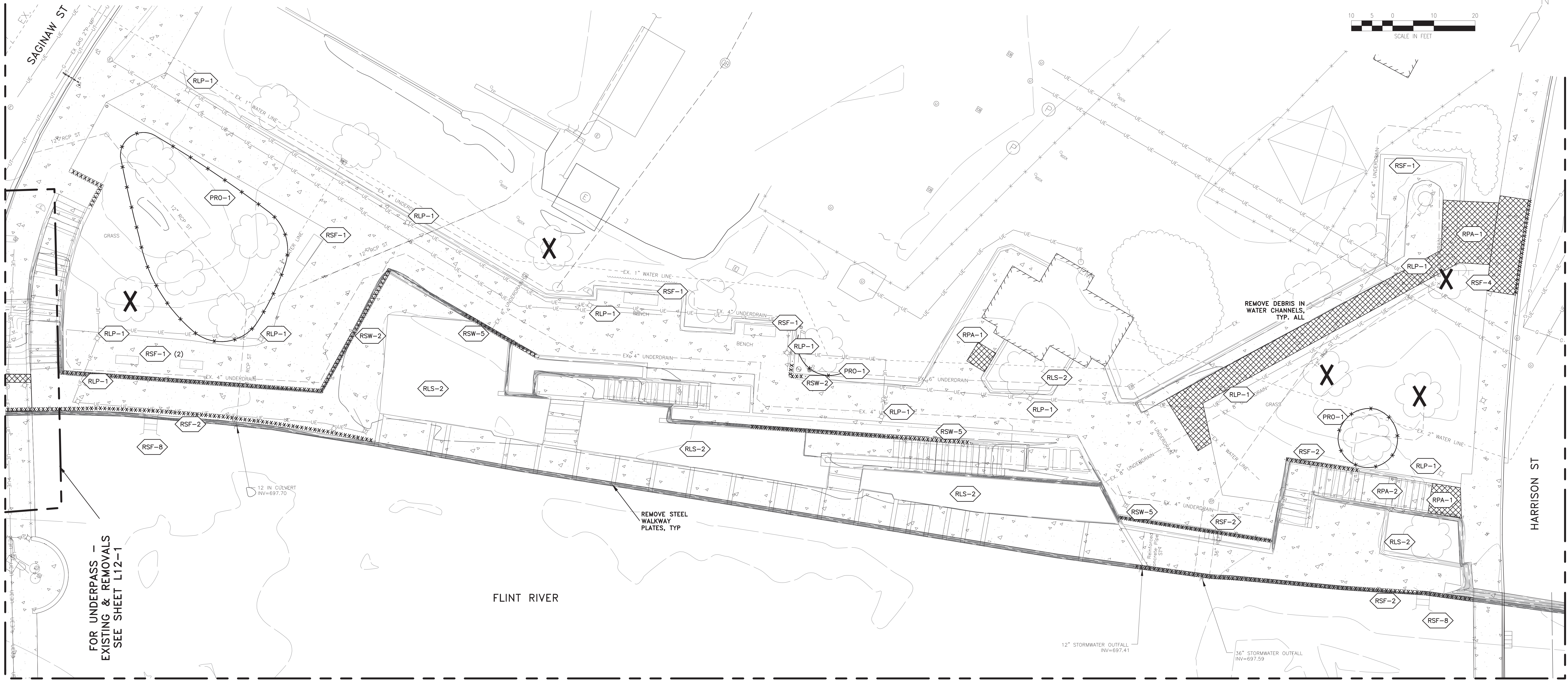
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FOR GRAND FOUNTAIN BLOCK - REMOVAL
SEE SHEET L6-2A

FOR UNDERPASS -
EXISTING & REMOVALS
SEE SHEET L12-1

FOR MARKET STALL BLOCK - REMOVAL
SEE SHEET L8-2A

FOR ARCHIMEDES SCREW BLOCK - WEST REMOVAL
SEE SHEET L10-2



KEY NOTES - REMOVAL

- RCG - CURB AND GUTTER
- RCG-1 REMOVE STANDARD CURB AND GUTTER
- RLS - LANDSCAPE
- X REMOVE TREE
- RLS-2 REMOVE UNDERSTORY VEGETATION/LANDSCAPE BED PLANTINGS
- RLS-3 REMOVE AND STOCKPILE TOPSOIL
- RLP - LIGHTING AND POWER
- RLP-1 REMOVE LIGHT POLE
- RPA - PAVING
- RPA-1 REMOVE CONCRETE
- RPA-2 REMOVE STAIRS
- RPA-3 REMOVE PAVER

- RPA-4 SAWCUT PAVING
- RPA-5 REMOVE ASPHALT
- PRO - PROTECTION
- PRO-1 PLACE TREE PROTECTION FENCE
- PRO-2 PROTECT EXISTING FEATURE
- RSF - SITE FEATURES
- RSF-1 REMOVE BENCH OR TABLE
- RSF-2 REMOVE RAILING
- RSF-3 REMOVE BOLLARD
- RSF-4 REMOVE SIGN
- RSF-5 REMOVE POST AND ROPE/CHAIN RAILING
- RSF-6 REMOVE GUARDRAIL
- RSF-7 REMOVE CHAIN LINK FENCE

- RSW - SITE WALLS
- SEE STRUCTURAL PLANS FOR DETAILS
- RSW-1 REMOVE RETAINING WALL
- RSW-2 REMOVE SEAT OR SITE WALL
- RSW-3 CUT AND REMOVE FLOOD PROTECTION WALL
- RSW-4 REMOVE PLANTER WALL
- RSW-5 REMOVE CONCRETE WALL ABOVE GRADE - SEE DETAIL 8 ON L22-4

REV#	DATE	DESCRIPTION	BY



GENESEE COUNTY PARKS & REC
5045 E. STANLEY ROAD
FLINT, MI 48506

FLINT RIVERFRONT RESTORATION - PHASE 2
WATER WALL BLOCK - REMOVAL

ISSUED FOR: FB	DATE: 10/23/24	BY: SAL	JOB NO: GPA200301F
SHEET			L7-2A

PROJECT MANAGER: JAMES WEAVER; FIELD SUPERVISOR: JEFFREY WEAVER; DESIGNER: JEFFREY WEAVER; CHECKER: JEFFREY WEAVER; DATE PLOTTED: 10/24/2024 8:23 AM BY: WHALEY, RUSSELL



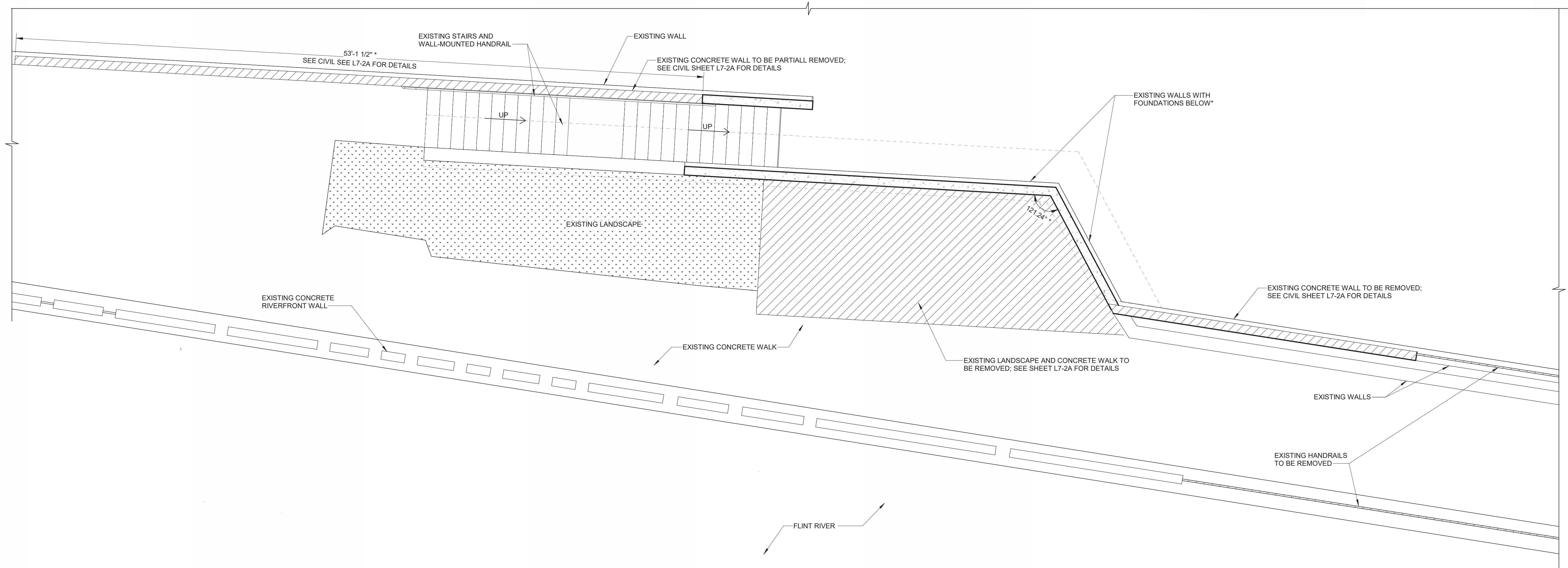
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NOTES:

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING ELEVATIONS AND DIMENSIONS PRIOR TO CONSTRUCTION.
2. ALL DIMENSIONS OR ELEVATIONS MARKED WITH AN ASTERISK "*" SHALL BE DETERMINED OR VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.
3. WHEN REMOVING EXISTING CONCRETE BY CUTTING OR CHIPPING THE CONTRACTOR SHALL ONLY REMOVE REINFORCING BARS WHICH CANNOT BE BENT INTO AREAS WHERE NEW CONCRETE WOULD COMPLETELY COVER THEM.
4. DUE CARE SHALL BE EXERCISED DURING CONSTRUCTION SUCH THAT EXISTING FOUNDATION AND UTILITIES ARE NOT DAMAGED.

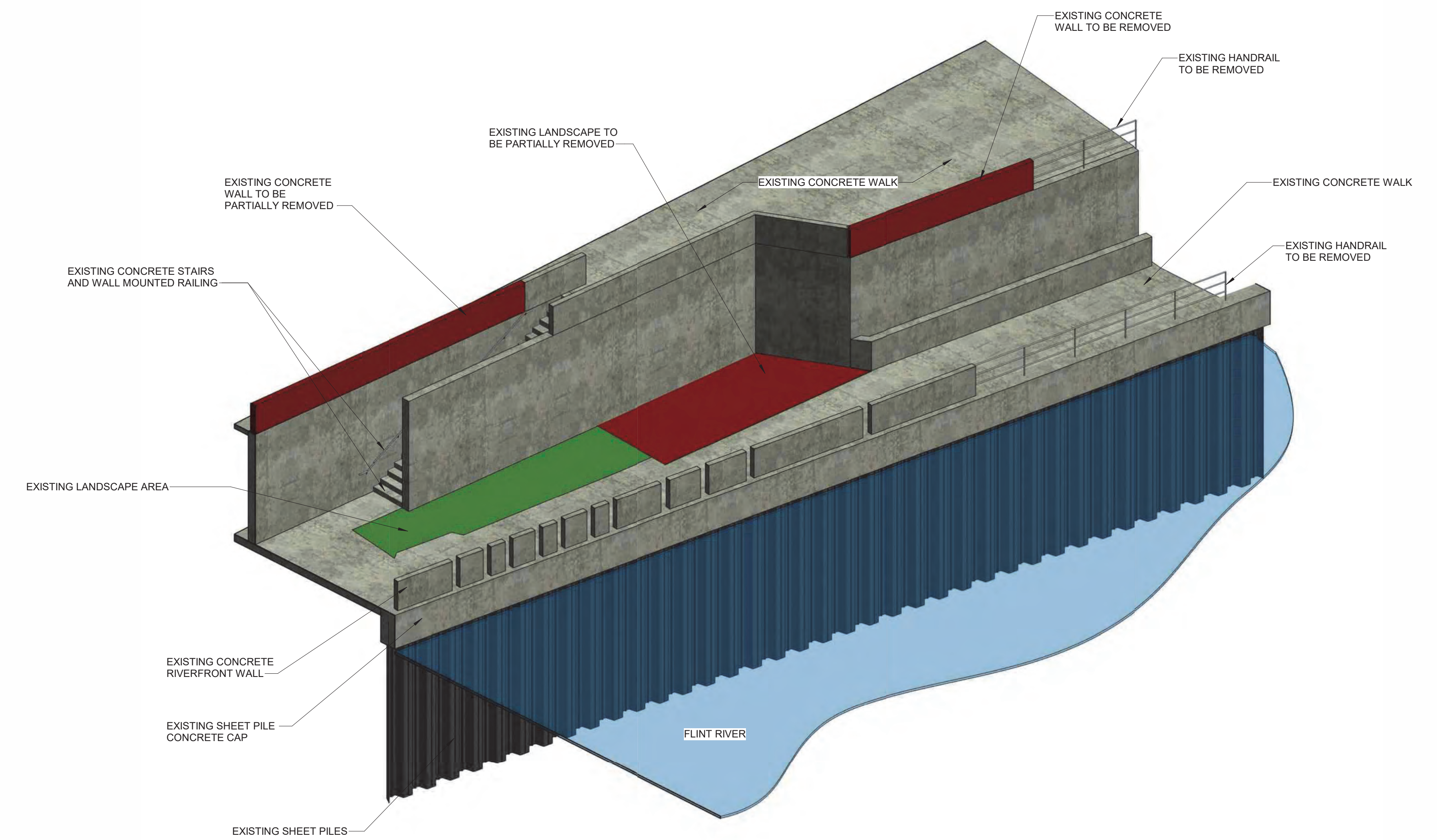
LEGEND:

 INDICATES REMOVAL



PARTIAL REMOVAL PLAN (EL. 712.69')

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



11/17/2024 3:01:39 PM

PROJECT MANAGER: P:\071718\0718-C-7\Water Wall Block-Struct-L-8-19.dwg

REV#	DATE	DESCRIPTION	BY



GENESSEE COUNTY PARKS & REC
5045 E. STANLEY ROAD
FLINT, MI 48506

FLINT RIVERFRONT RESTORATION - PHASE 2
WATER WALL BLOCK
REMOVAL - STRUCTURAL PLAN AND ISOMETRIC VIEW

ISSUED FOR: DATE: BY: JOB NO:
WB 10/23/24 G GPA200301F

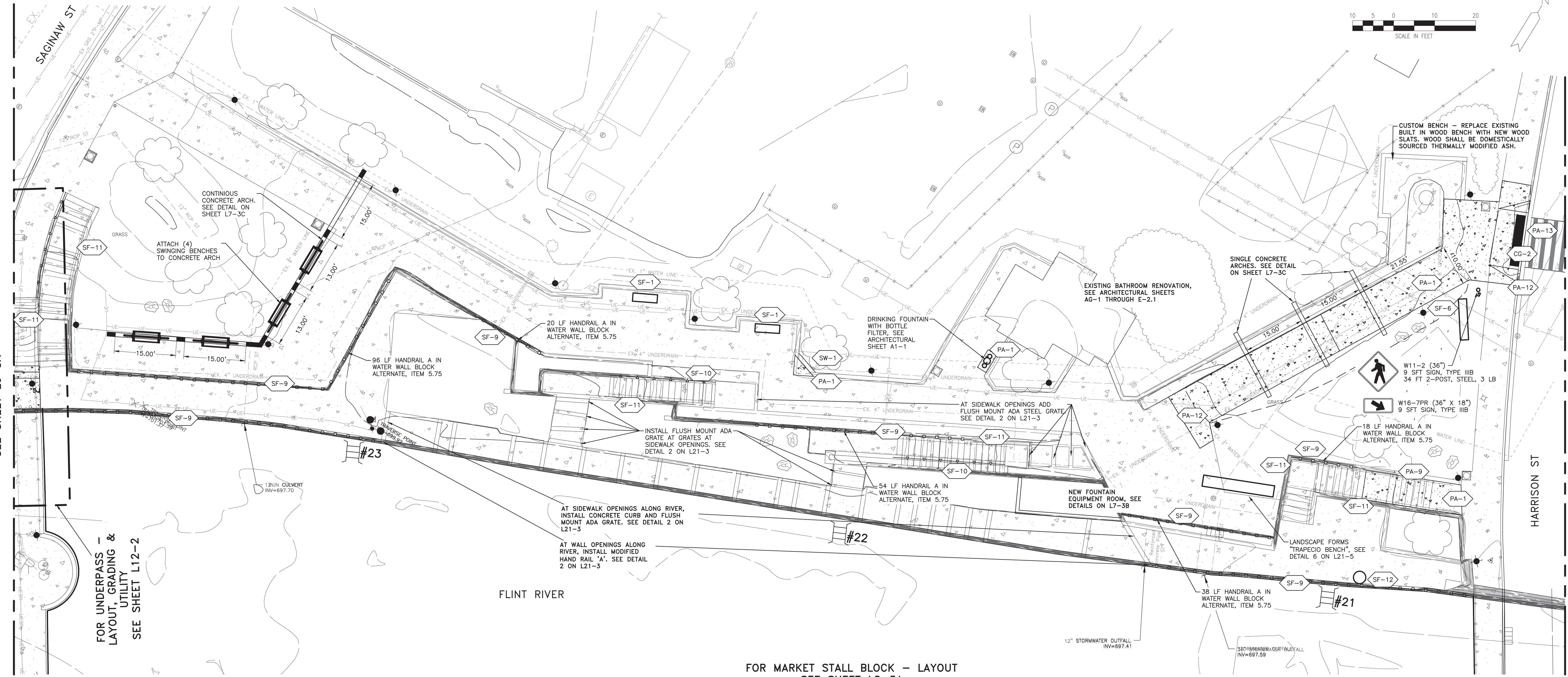
SHEET
L7-2B

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FOR GRAND FOUNTAIN BLOCK - LAYOUT
SEE SHEET L6-3A

FOR ARCHIMEDES SCREW BLOCK - LAYOUT
SEE SHEET L10-3A



KEY NOTES - PROPOSED

- CG - CURB AND GUTTER**
 - CG-1 STANDARD CURB AND GUTTER (11) L21-1
 - CG-2 CURB RAMP (9) L21-1
- LS - LANDSCAPE**
 - LS-1 PLANTER BED (3) L23-1
 - LS-2 BIORETENTION BED (1) L23-1
 - LANDSCAPE BOULDER (2) L23-1
 - BARRIER BOULDER (9) L21-3
 - LS-5 TREE GRATE (14) L21-1
 - LS-6 RIVER ACCESS STONE

- PA - PAVING**
 - PA-1 CONCRETE WALK - STANDARD (3) L21-1
 - PA-2 CONCRETE WALK 8" - REINFORCED (4) L21-1
 - PA-3 CONCRETE WALK - EXPOSED AGGREGATE (6) L21-1
 - PA-4 CONCRETE - INTEGRAL COLOR (3) L21-1
 - PA-5 ASPHALT ROADWAY (1) L21-1
 - PA-6 ASPHALT TRAIL (2) L21-1
 - PA-7 PERMEABLE PAVER (8) L21-1
 - PA-8 STANDARD PAVER (7) L21-1
 - PA-9 STAIRS - STANDARD (1) L21-7
 - PA-10 STAIRS - CUSTOM (8) L21-4
 - PA-11 STAIRS - PERRONS (8) L21-4
 - PA-12 MEET EXISTING PAVEMENT
 - PA-13 CROSSWALK (8) L21-2

- SF - SITE FEATURES**
 - SF-1 BENCH - STANDARD (6) L21-3
 - SF-2 SWINGING BENCH (10) L21-5
 - SF-3 PICNIC TABLE (9) L21-3
 - LITTER BIN (8) L21-3
 - SF-5 BIKE RACKS (10) L21-3
 - SF-6 PARK SIGN (8) L21-3
 - RIVER EGRESS LADDER (2) L21-6
 - SF-8 BBQ GRILL AND ASH BIN (1) L21-7
 - SF-9 RAILING - TYPE A (8) L21-4
 - SF-10 RAILING - TYPE B (7) L21-5
 - EXISTING HANDRAIL - CLEANING AND PAINTING (8) L21-4
 - SF-12 USCG LIFE RING (7) L21-5

FOR MARKET STALL BLOCK - LAYOUT
SEE SHEET L8-3A

- SW - SITE WALLS**
SEE STRUCTURAL PLANS FOR DETAILS
 - SW-1 RETAINING WALL
 - SW-2 SEAT WALL
 - SW-3 FLOOD PROTECTION WALL
 - SW-4 RAISED PLANTER WALL (9) L21-5
 - SW-5 OUTCROPPING STONE WALL
 - SW-6 CURB WALL

HANDRAIL A NOTES:
HANDRAIL A IS INCLUDED IN THE BASE BID UNLESS NOTED OTHERWISE

PROJECT MANAGER: MEGAN WOLTRAMP; DESIGNER: MEGAN WOLTRAMP; DATE: 11/13/2024; 5:31 PM; BY: MEGAN WOLTRAMP; FILED: 11/13/2024; 5:31 PM; BY: MEGAN WOLTRAMP; PROJECT: FLINT RIVER RESTORATION - PHASE 2 WATER WALL BLOCK - LAYOUT; SHEET: L7-3A



REV#	DATE	DESCRIPTION	BY

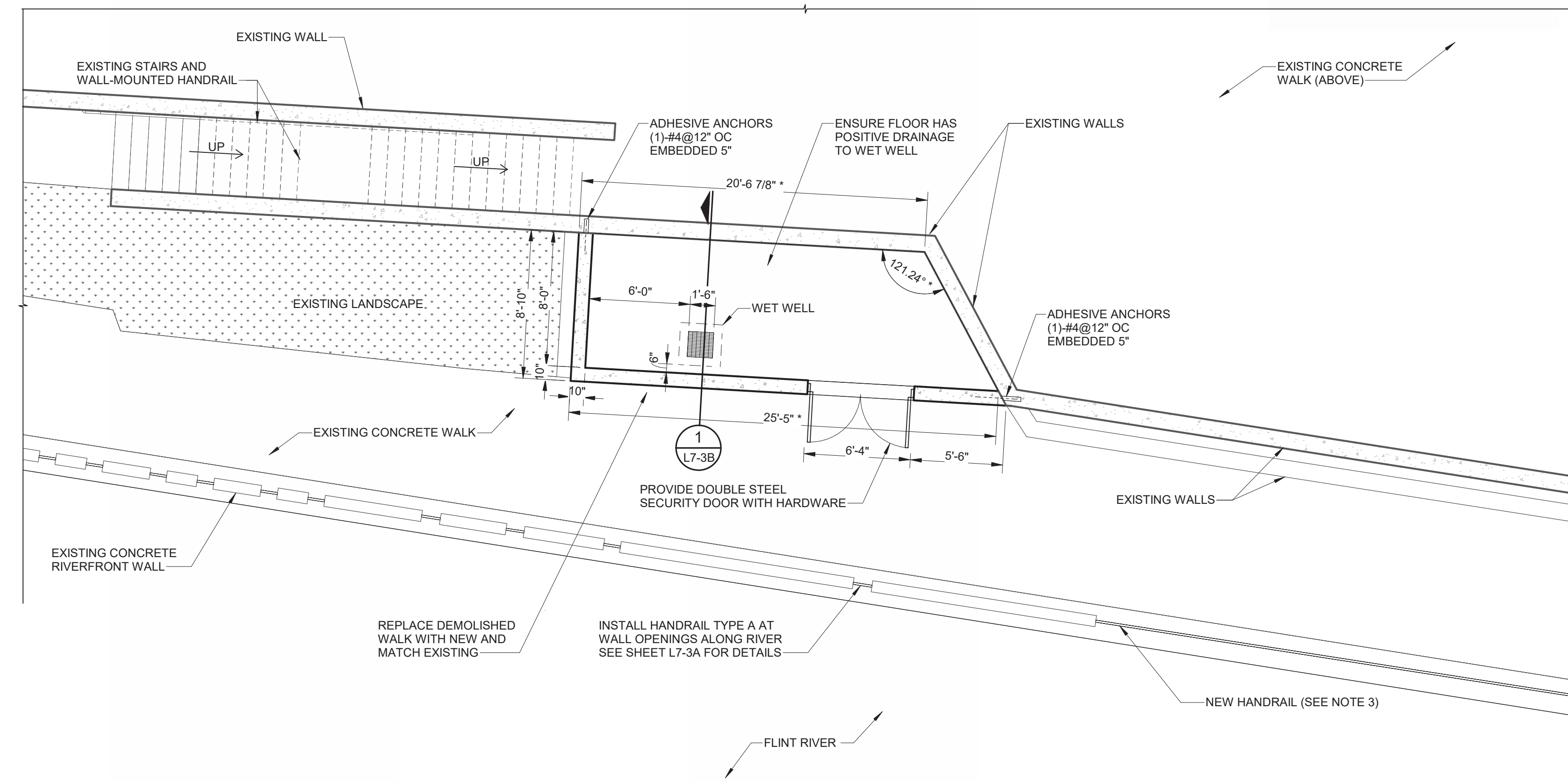
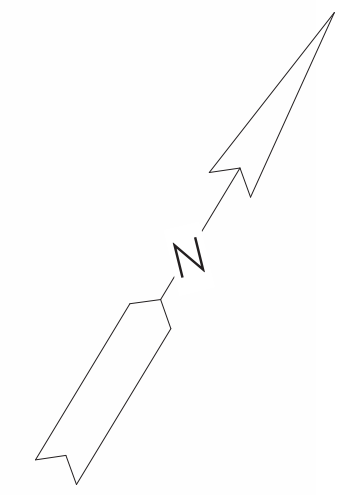


GENESEE COUNTY PARKS & REC
5045 E. STANLEY ROAD
FLINT, MI 48506

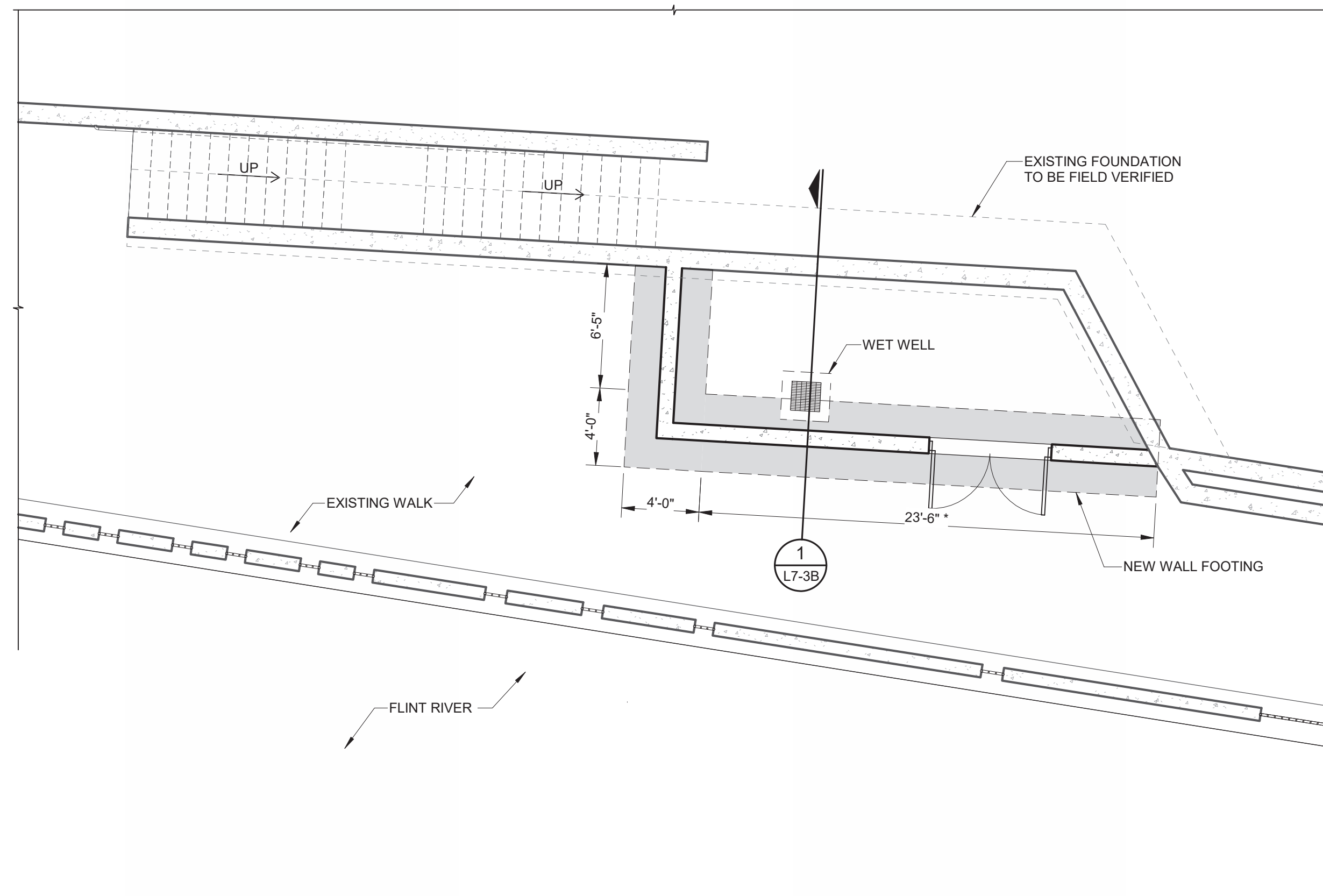
FLINT RIVERFRONT RESTORATION - PHASE 2
WATER WALL BLOCK - LAYOUT

ISSUED FOR: FBI	DATE: 10/23/24	BY: SAL	JOB NO: GPA200301F
SHEET			L7-3A

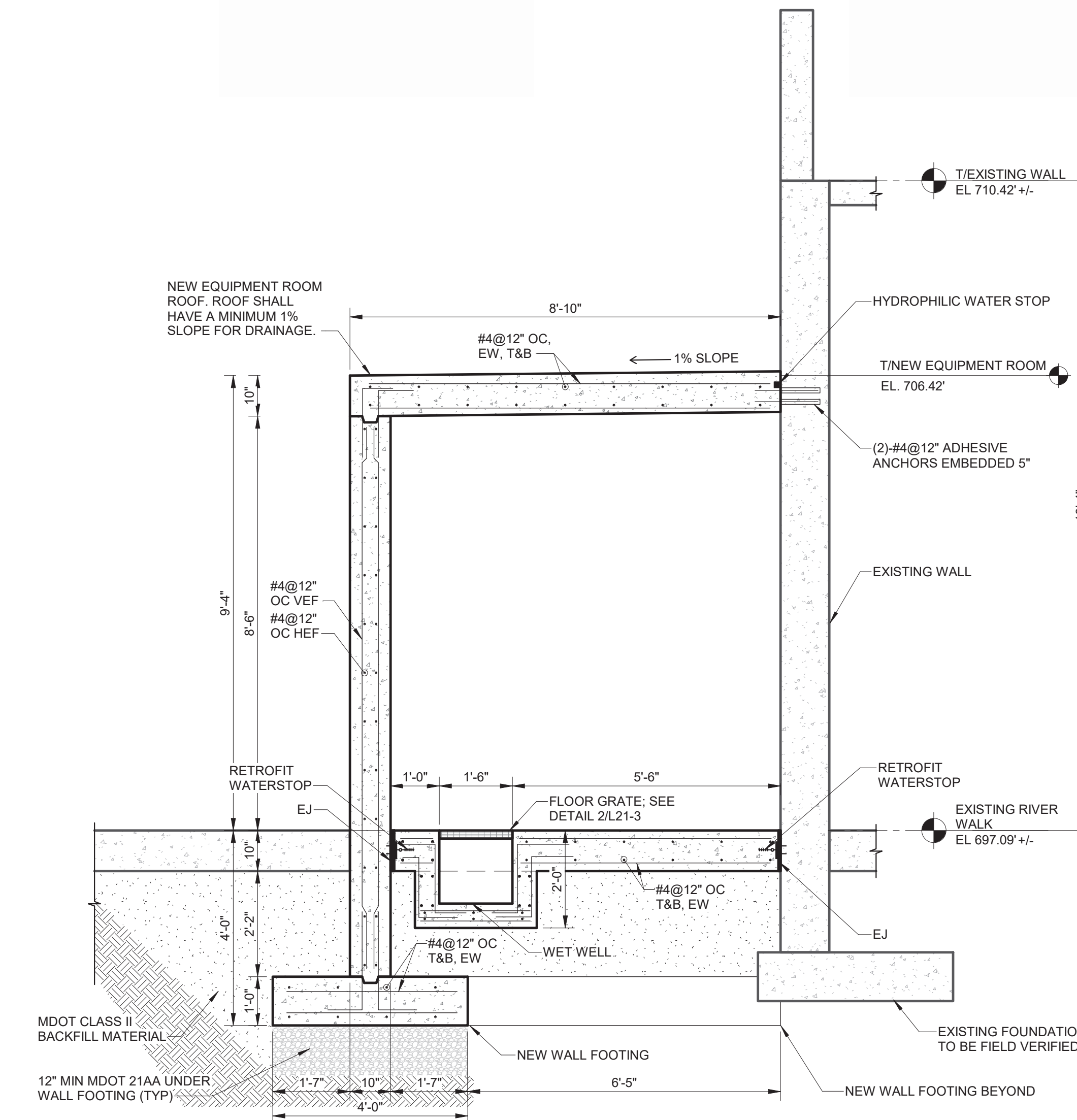
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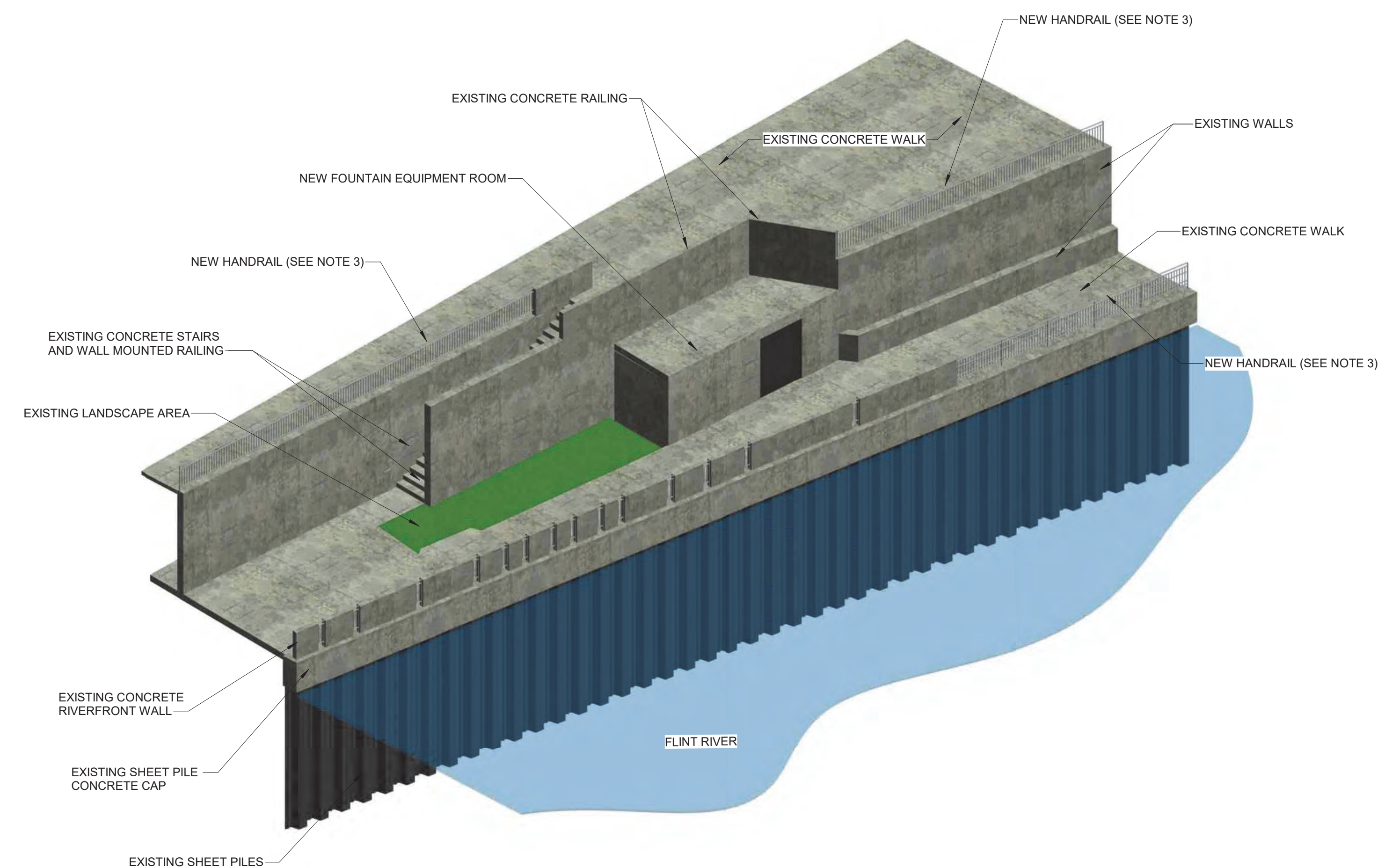
FINISH GRADE PLAN (EL. 701.09')
SCALE: 3/16" = 1'-0"



FOUNDATION PLAN (EL. 698.09')
SCALE: 3/16" = 1'-0"



1 EQUIPMENT ROOM WALL SECTION
SCALE: 1/2" = 1'-0"



ISOMETRIC VIEW
SCALE: NONE

- NOTES:**
1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING ELEVATIONS AND DIMENSIONS PRIOR TO CONSTRUCTION.
 2. DUE CARE SHALL BE EXERCISED DURING CONSTRUCTION SUCH THAT EXISTING FOUNDATION AND UTILITIES ARE NOT DAMAGED.
 3. PROVIDE NEW RAILING AS INDICATED. SEE CIVIL SHEETS FOR LOCATIONS AND DETAILS.
 4. SPOT ELEVATIONS SHOWN ARE FOR REFERENCE ONLY. REFER TO CIVIL SHEET L7-4 FOR FINAL DETAILED GRADING.
 5. ANGULAR DIMENSIONS SHOWN ARE FOR REFERENCE AND SHALL BE CHECKED AGAINST CIVIL SHEETS TO LAYOUT CURB WALLS, STEPS, SIDEWALKS, WALKS, RAMPS AND LANDINGS.
 6. PROVIDE 1/2" CHAMFERED EDGE FOR ALL EXPOSED CONCRETE EDGES.
 7. ALL DIMENSIONS OR ELEVATIONS MARKED WITH AN ASTERISK "*" SHALL BE DETERMINED OR VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.
 8. LANDINGS SHALL HAVE MINIMUM 1% SLOPE FOR DRAINAGE. SEE CIVIL SHEET L7-4 FOR DETAILS.
 9. IN CASE OF GRADE DISCREPANCIES BETWEEN CIVIL AND STRUCTURAL SHEETS, FOLLOW CIVIL GRADING PLAN.

PROJECT MANAGER: 11/17/2024 3:01:45 PM

11/17/2024 3:01:45 PM

REV#	DATE	DESCRIPTION	BY



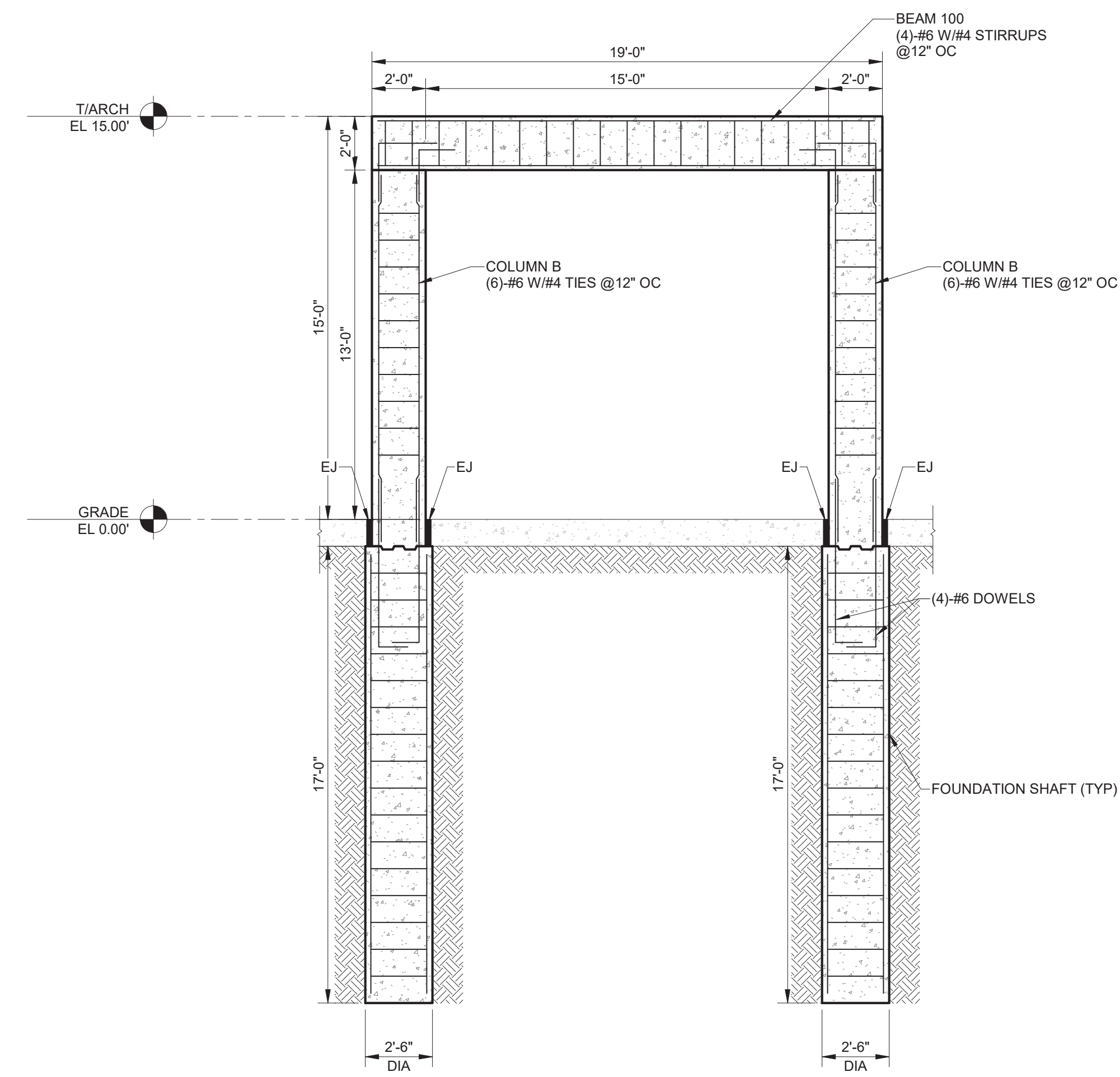
GENESEE COUNTY PARKS & REC
5045 E. STANLEY ROAD
FLINT, MI 48506

FLINT RIVERFRONT RESTORATION - PHASE 2
WATER WALL BLOCK
STRUCTURAL PLANS, SECTION AND ISOMETRIC VIEW

ISSUED FOR: DATE: BY:
WB 10/23/24 G

JOB NO: GPA200301F
SHEET: L7-3B

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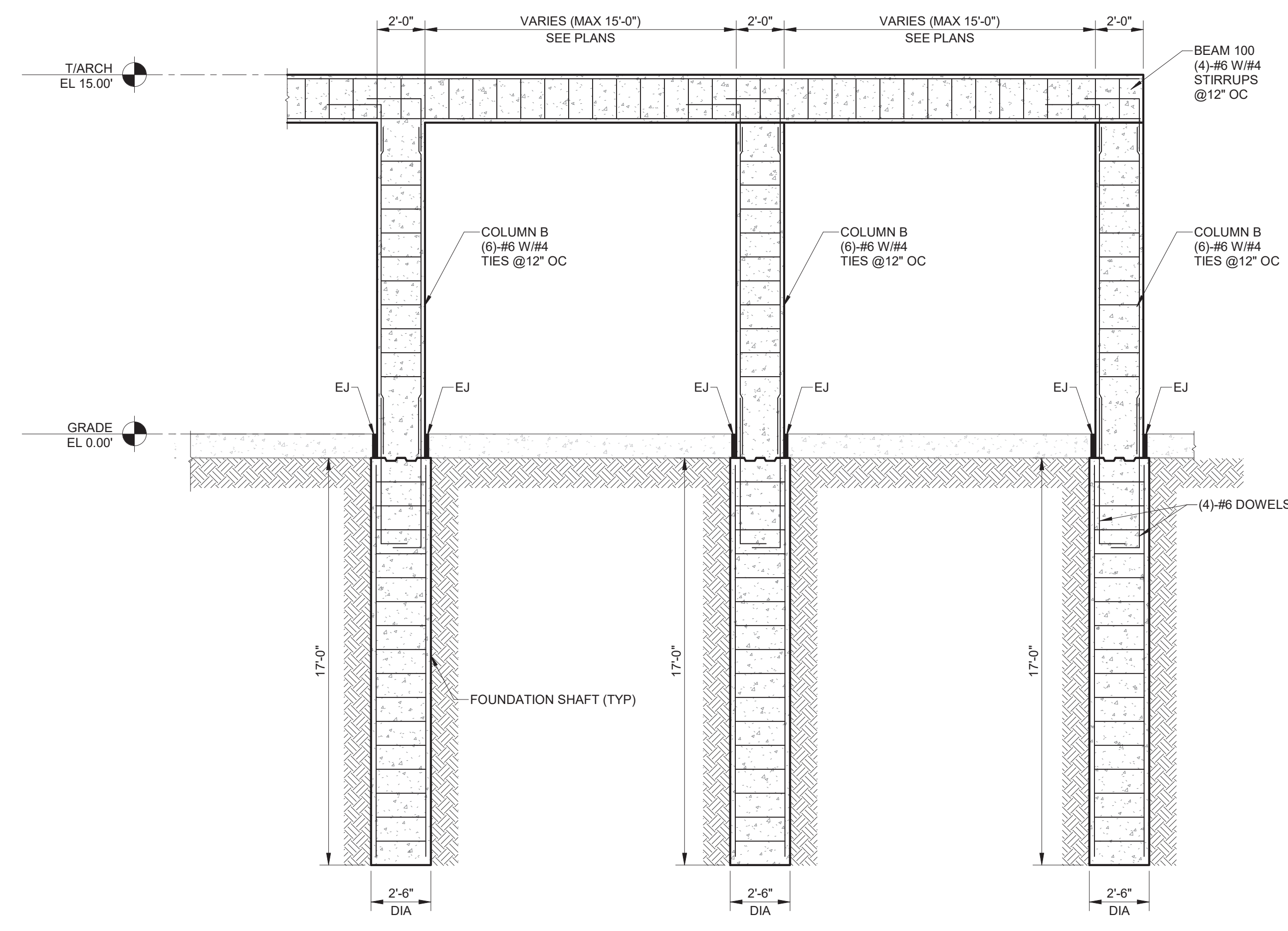


TYPICAL SINGLE ARCH SECTION

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

NOTES:

1. ABSOLUTE ELEVATIONS SHOWN. REFER TO CIVIL SHEET L7-4 FOR DETAILED GRADING.
2. SEE CIVIL SHEET L7-3A FOR LOCATIONS OF EACH ARCH.

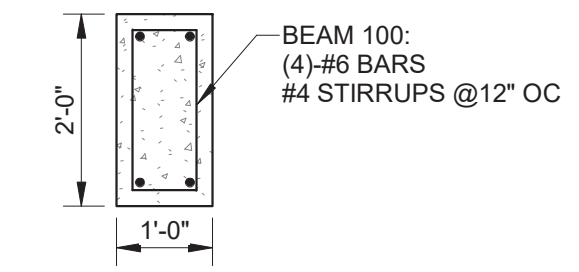


TYPICAL CONTINUOUS ARCH SECTION

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

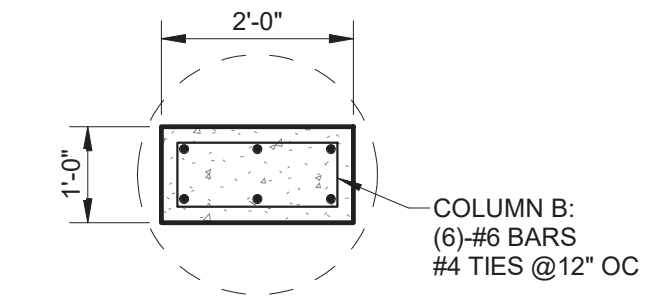
NOTES:

1. ABSOLUTE ELEVATIONS SHOWN. REFER TO CIVIL SHEET L7-4 FOR DETAILED GRADING.
2. SEE CIVIL SHEET L7-3A LOCATIONS OF EACH ARCH.



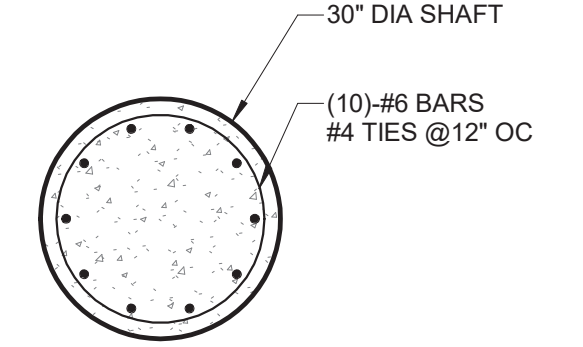
TYPICAL BEAM 100 - DETAIL

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



TYPICAL COLUMN B - DETAIL

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

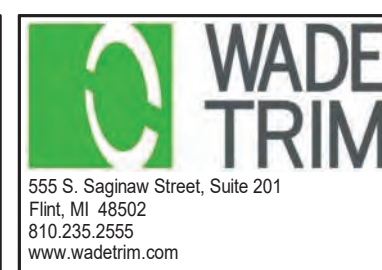


TYPICAL SHAFT DETAIL

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

PROJECT MANAGER: 11/17/2024 3:00:04 PM

REV#	DATE	DESCRIPTION	BY



GENESEE COUNTY PARKS & REC
5045 E. STANLEY ROAD
FLINT, MI 48506

FLINT RIVERFRONT RESTORATION - PHASE 2
WATER WALL BLOCK
STRUCTURAL SECTIONS AND DETAILS

ISSUED FOR: DATE: 10/23/24 BY: WB G

JOB NO: GPA200301F

SHEET

L7-3C

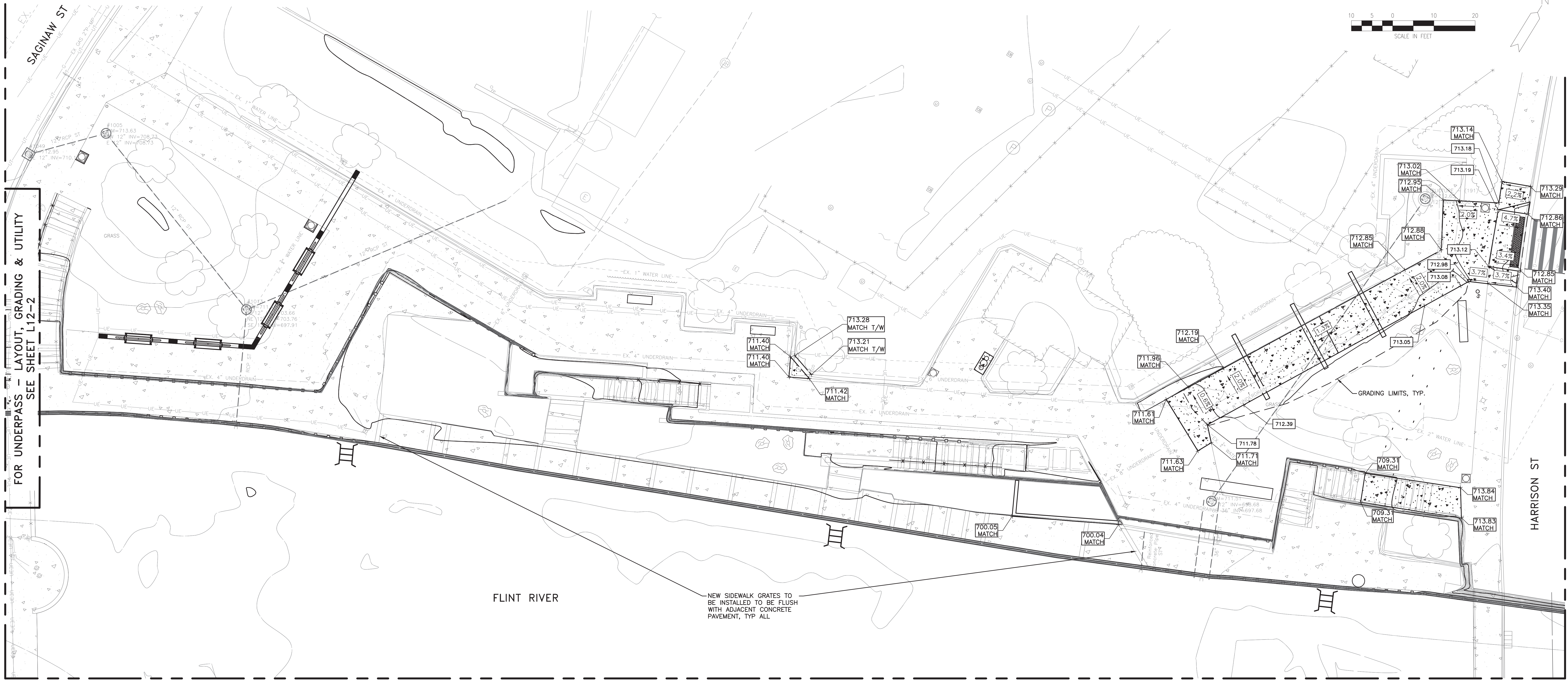
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FOR GRAND FOUNTAIN BLOCK - GRADING
SEE SHEET L6-4

FOR UNDERPASS - LAYOUT, GRADING & UTILITY
SEE SHEET L12-2

FOR ARCHIMEDES SCREW BLOCK - WEST GRADING
SEE SHEET L10-4



FLINT RIVER

NEW SIDEWALK GRATES TO BE INSTALLED TO BE FLUSH WITH ADJACENT CONCRETE PAVEMENT, TYP. ALL.

FOR MARKET STALL BLOCK - GRADING
SEE SHEET L8-4

PROJECT MANAGER: JAMES WHEALEY; FIELD SUPERVISOR: JAMES WHEALEY; DESIGNER: JAMES WHEALEY; CHECKER: JAMES WHEALEY; DATE: 10/24/2024; 8:26 AM; BY: WHEALEY, RUSSELL



REV#	DATE	DESCRIPTION	BY



GENESEE COUNTY PARKS & REC
5045 E. STANLEY ROAD
FLINT, MI 48506

FLINT RIVERFRONT RESTORATION - PHASE 2
WATER WALL BLOCK - GRADING

ISSUED FOR: DATE: BY: FB 10/23/24 SAL

JOB NO. GPA200301F
SHEET L7-4

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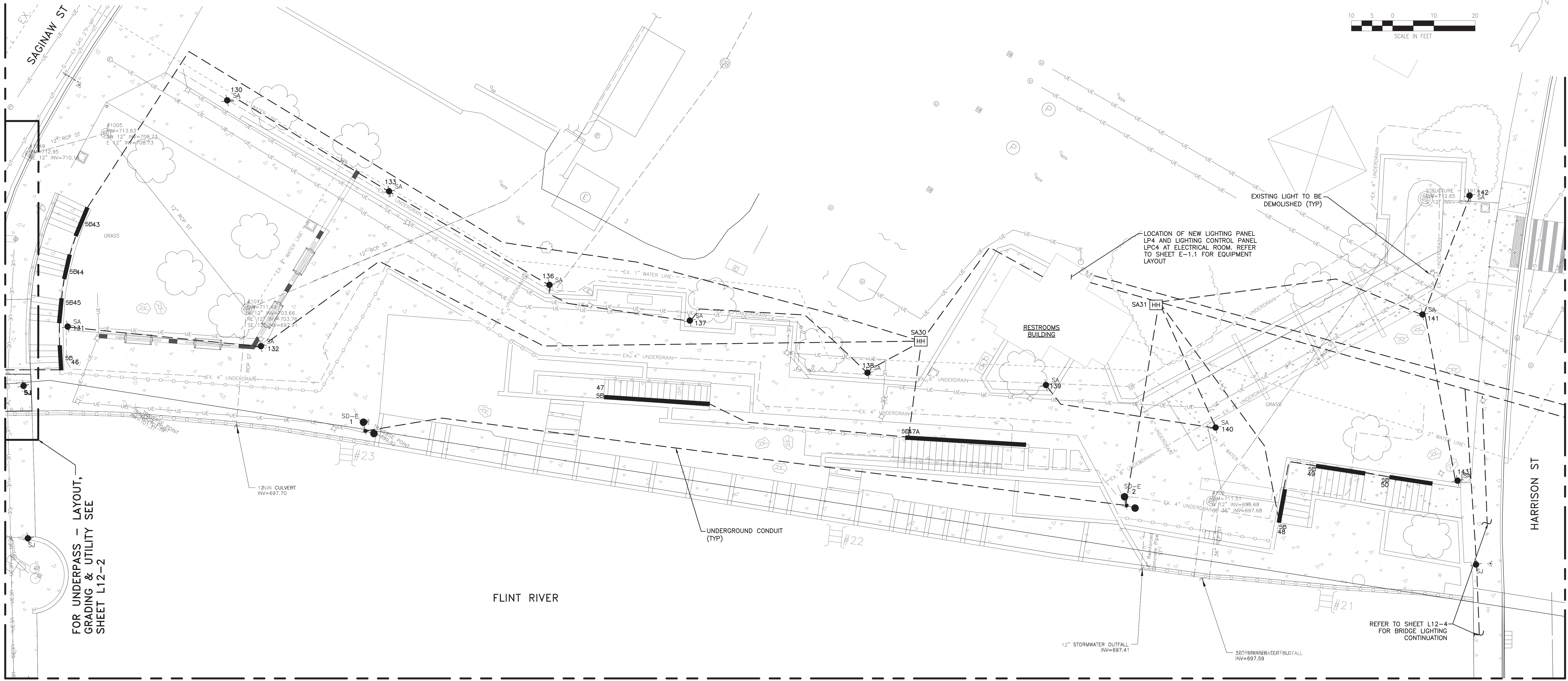


FOR GRAND FOUNTAIN BLOCK - UTILITY
SEE SHEET L6-5

FOR UNDERPASS - LAYOUT,
GRADING & UTILITY SEE
SHEET L12-2

FOR MARKET STALL BLOCK - UTILITY
SEE SHEET L8-5

FOR ARCHIMEDES SCREW BLOCK - WEST UTILITY
SEE SHEET L10-5



ELECTRICAL NOTES

- REFER TO SHEETS E1-7 THRU E1-9 FOR LIGHTING SCHEDULE AND DETAILS.
- REFER TO LIGHTING DIAGRAMS ON SHEETS E1-1 THRU E1-6 FOR CONDUIT/WIRING SIZES.
- ROUTE NEW UNDERGROUND CONDUIT AS CLOSE AS POSSIBLE TO NEW SIDEWALK. COORDINATE WITH ANY EXISTING UTILITIES TO AVOID CONFLICTS. CONDUITS SHALL ALSO AVOID EXISTING TREES AND DRIPLINES WHEREVER POSSIBLE. CONFIRM CONDUIT ROUTING IN FIELD WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. REFER TO LIGHTING DIAGRAMS FOR CONDUIT/WIRES SIZES.
- PROVIDE HANDHOLES AS REQUIRED PER THE NATIONAL ELECTRICAL CODE.
- FOR EXISTING LIGHT POLE DEMOLITION, REFER TO L7-2A REMOVAL SHEETS.
- ELECTRICAL CONDUITS ROUTING ARE APPROXIMATE. CONTRACTOR TO ROUTE CONDUITS AS CLOSE TOGETHER AS POSSIBLE. COORDINATE ROUTING WITH EXISTING AND PROPOSED UTILITIES, AND AVOID DISTURBANCE TO EXISTING TREES. FINAL CONDUIT ROUTING SHALL BE APPROVED IN FIELD BY ENGINEER AND LANDSCAPE ARCHITECT.

LIGHTING LEGEND

- SA ● TYPE SA LIGHT POLE
- SB ■ TYPE SB HANDRAIL LIGHTS
- SC □ TYPE SC IN-GRADE AT TUNNELS
- SD-N ● TYPE SD-N NEW FEATURE LIGHTING POLE + NEW FLOODLIGHTS
- SD-R ● TYPE SD-R RELOCATED FEATURE LIGHTING POLE + NEW FLOODLIGHTS
- SD-E ● TYPE SD-E EXISTING POLE + NEW FLOODLIGHTS
- SE ● TYPE SE LIGHTED BOLLARD
- SF ● TYPE SF SOLAR MARKER LIGHT
- SG □ TYPE SG WALL-RECESSED MARKER LIGHT
- HH □ HANDHOLE
- WEATHERPROOF WHILE-IN-USE RECEPTACLE

PROJECT MANAGER: JAMES WEAVER; FIELD ENGINEER: NICHOLAS WEAVER; CIVIL ENGINEER: JONATHAN WEAVER; UTILITY ENGINEER: JONATHAN WEAVER; DATE PLOTTED: 10/24/24 8:27 AM BY: WAHLEY, RUSSELL



REV#	DATE	DESCRIPTION	BY



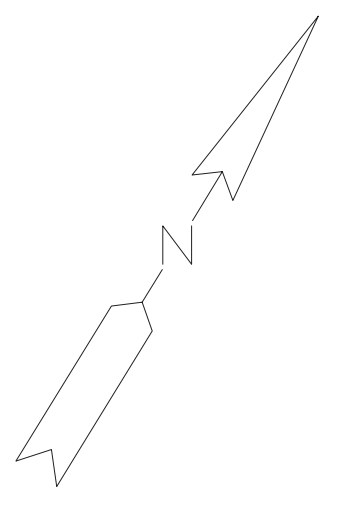
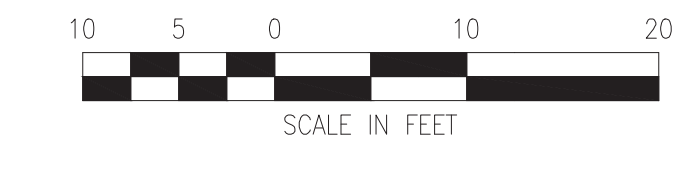
GENESEE COUNTY PARKS & REC
5045 E. STANLEY ROAD
FLINT, MI 48506

FLINT RIVERFRONT RESTORATION - PHASE 2
WATER WALL BLOCK - UTILITY

ISSUED FOR: FB	DATE: 10/23/24	BY: SAL
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JOB NO. GPA200301F
SHEET L7-5

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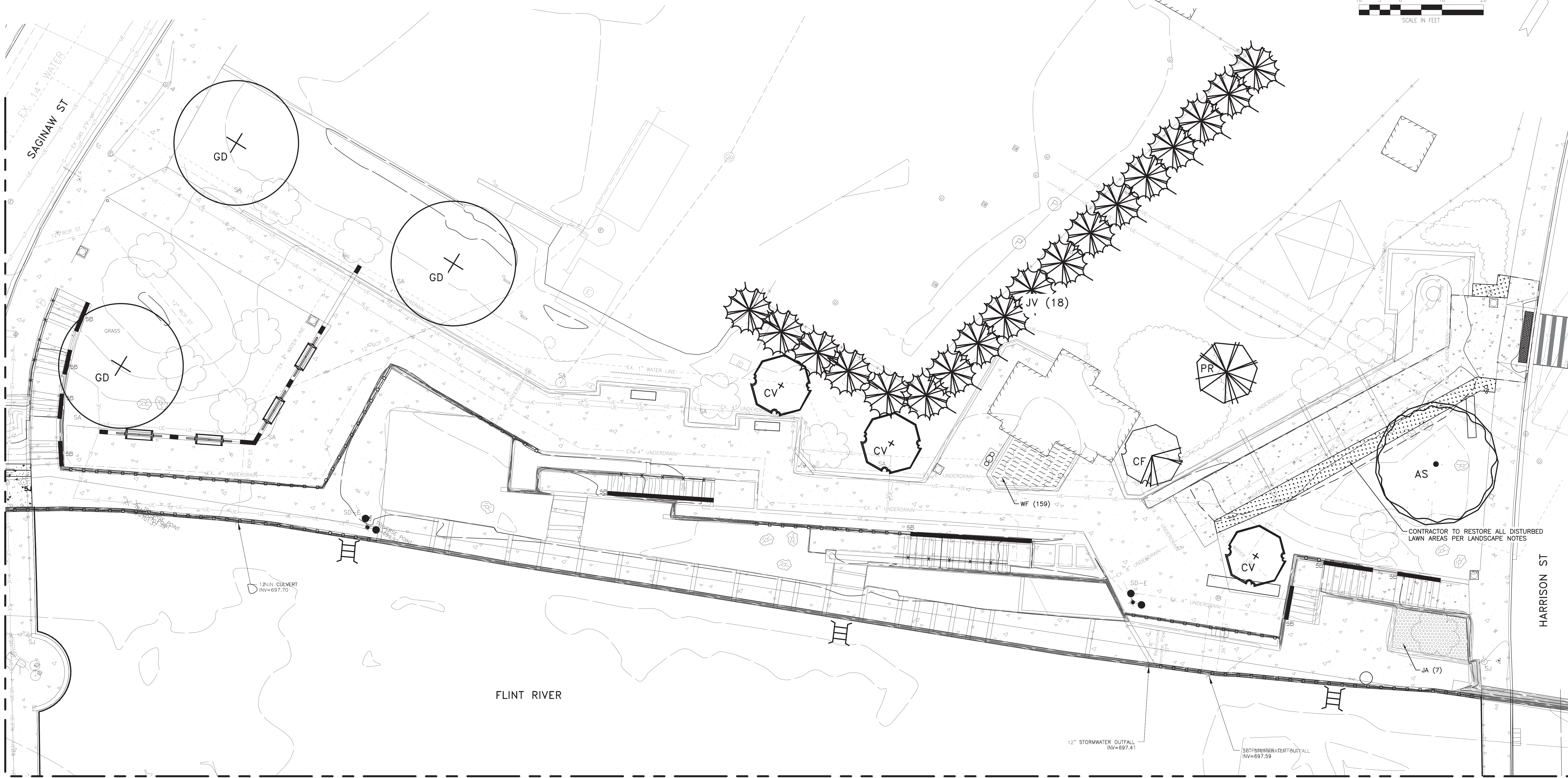


FOR GRAND FOUNTAIN BLOCK - LANDSCAPE
SEE SHEET L6-6

FOR ARCHIMEDES SCREW BLOCK - WEST LANDSCAPE
SEE SHEET L10-6

FOR MARKET STALL BLOCK - LANDSCAPE
SEE SHEET L8-6

FLINT RIVER



PROJECT MANAGER: JAMES WEAVER, FIELD PLANNING SUPERVISOR: CYNTHIA WARRICK, DESIGNER: JEFFREY W. WEAVER, CHECKER: JEFFREY W. WEAVER, PLOTTED: 10/24/2024 8:28 AM BY: WHALEY, RUSSELL



REV#	DATE	DESCRIPTION	BY



GENESEE COUNTY PARKS & REC
5045 E. STANLEY ROAD
FLINT, MI 48506

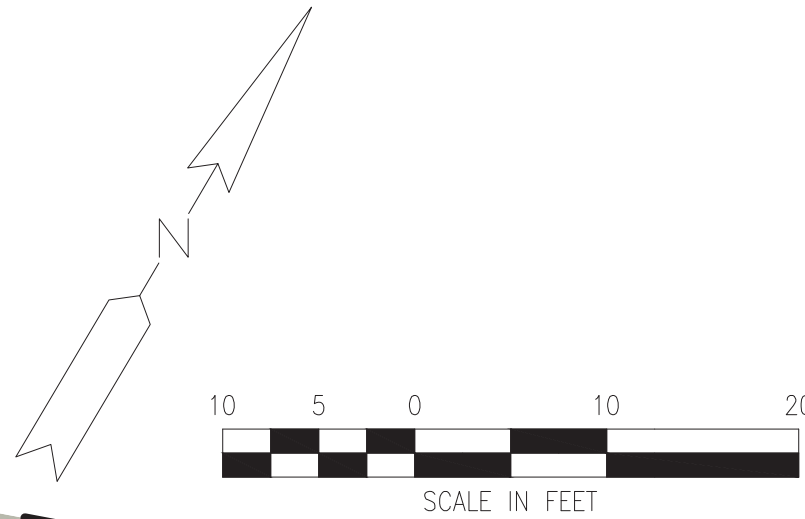
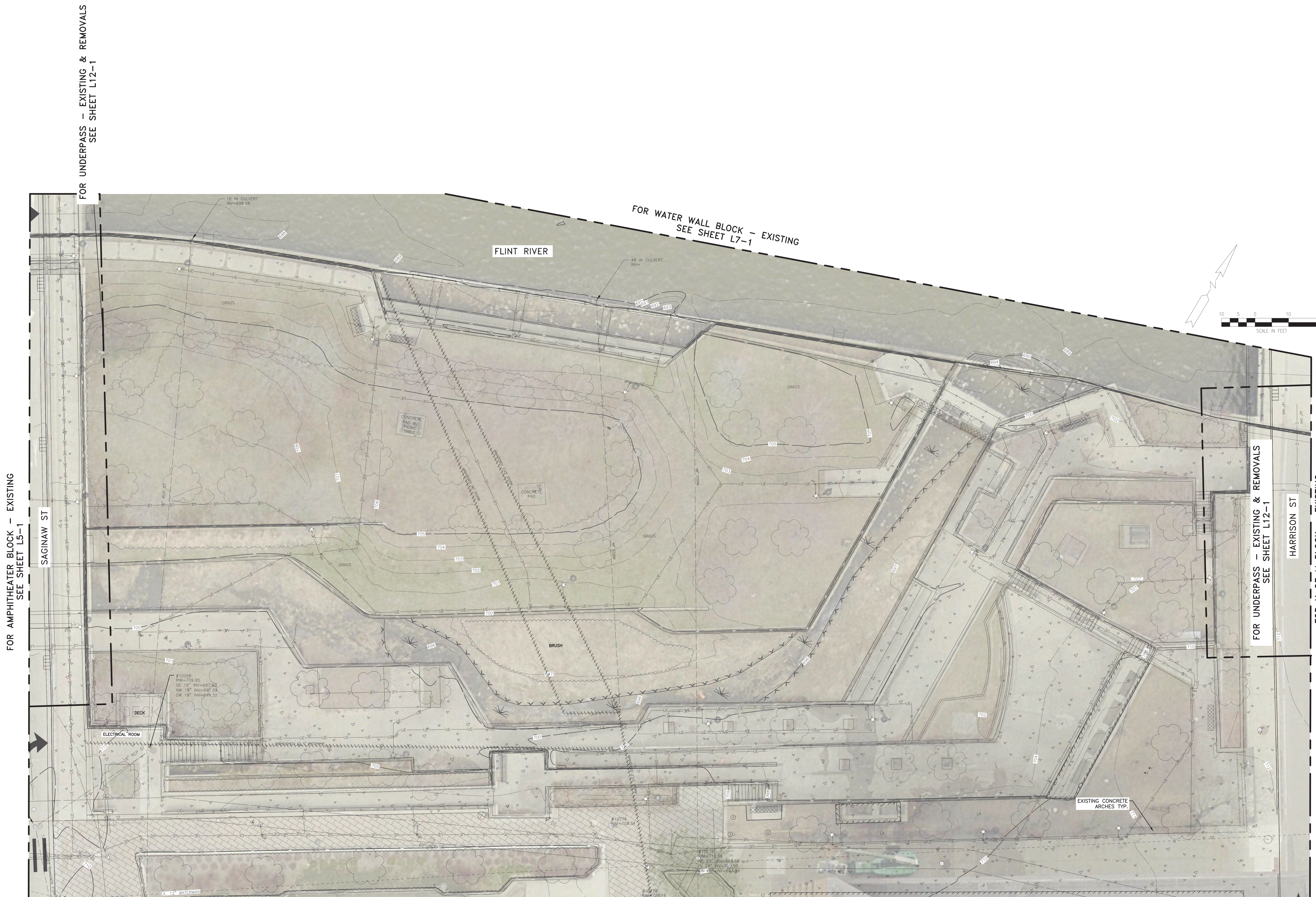
FLINT RIVERFRONT RESTORATION - PHASE 2
WATER WALL BLOCK - LANDSCAPE

ISSUED FOR: DATE: BY:
JFB 10/23/24 SAL

JOB NO. GPA200301F
SHEET L7-6

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PROJECT MANAGER: GARY WEAVER; DESIGNER: JAMES WEAVER; DATE PLOTTED: 10/24/2024 8:28 AM BY WHALEY, RUSSELL



811
Know what's below.
Call before you dig.

REV#	DATE	DESCRIPTION	BY

GENESSEE COUNTY PARKS & REC
5045 E. STANLEY ROAD
FLINT, MI 48506

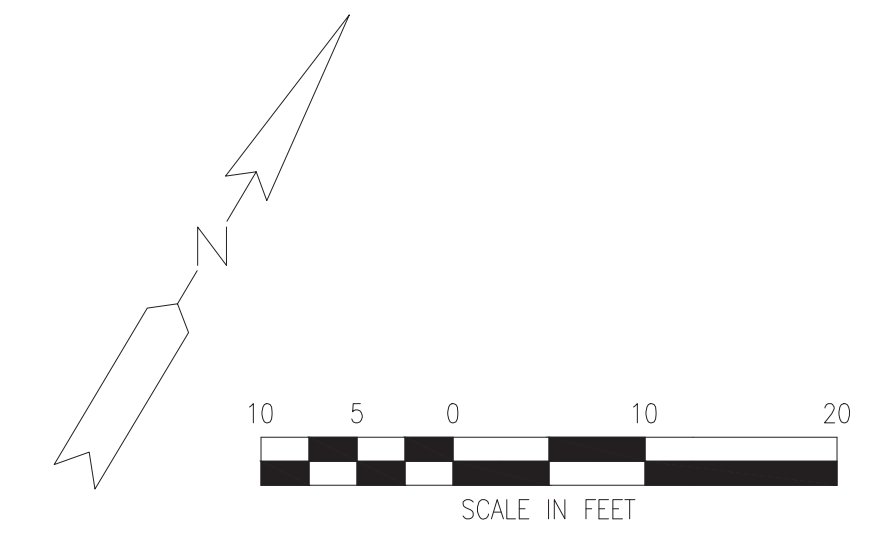
FLINT RIVERFRONT RESTORATION - PHASE 2
MARKET STALL BLOCK - EXISTING

ISSUED FOR: DATE: BY:
IFB: 10/23/24 SAL

JOB NO.: GPA200301F
SHEET: L8-1

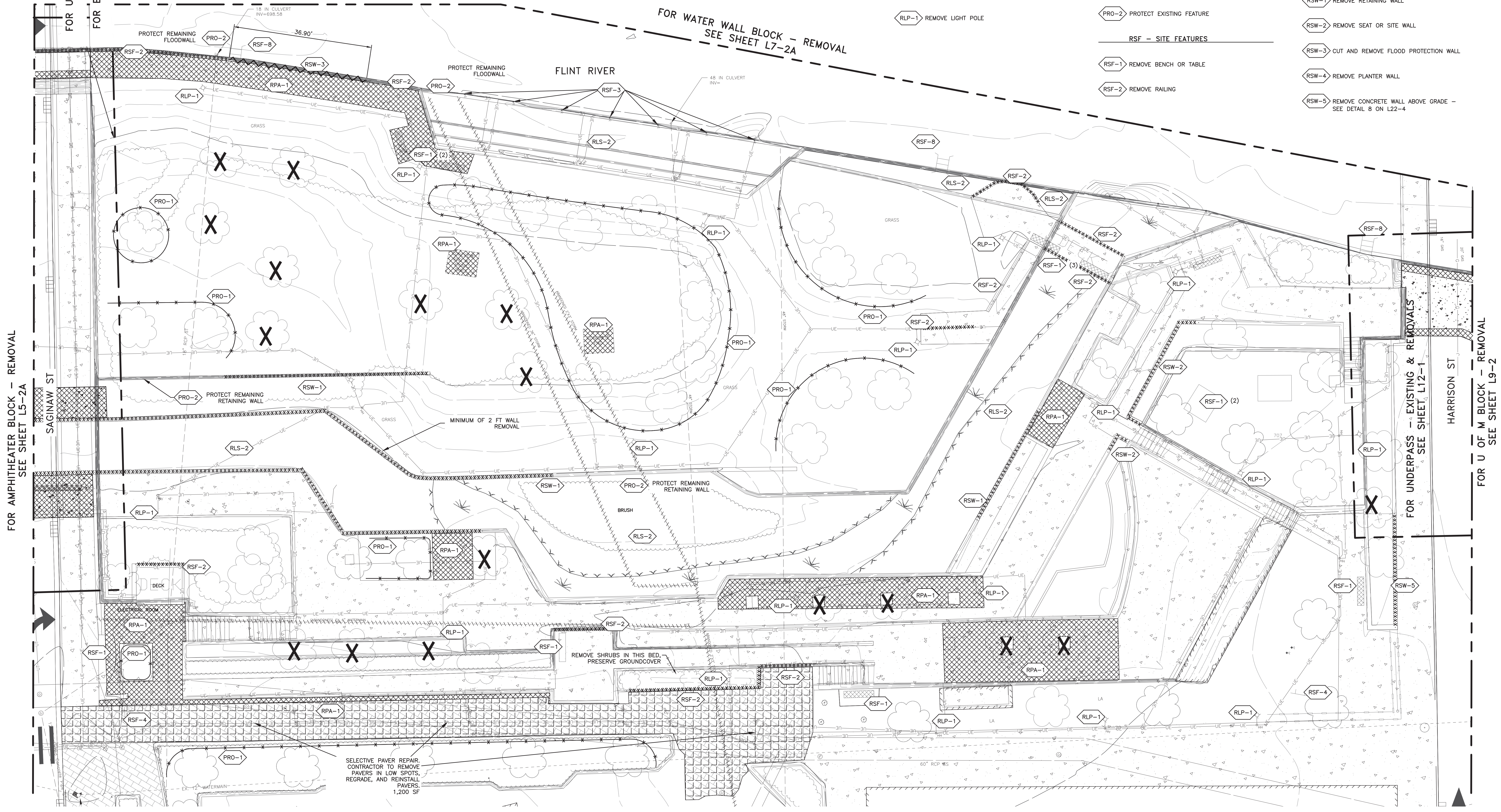
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FOR UNDERPASS - EXISTING & REMOVALS
SEE SHEET L12-1
FOR BRIDGES - EXISTING AND REMOVALS
SEE SHEET L12-3



KEY NOTES - REMOVAL

- RCG - CURB AND GUTTER
 - RCG-1 REMOVE STANDARD CURB AND GUTTER
- RLS - LANDSCAPE
 - X REMOVE TREE
 - RLS-2 REMOVE UNDERSTORY VEGETATION/LANDSCAPE BED PLANTINGS
 - RLS-3 REMOVE AND STOCKPILE TOPSOIL
- RLP - LIGHTING AND POWER
 - RLP-1 REMOVE LIGHT POLE
- RPA - PAVING
 - RPA-1 REMOVE CONCRETE
 - RPA-2 REMOVE STAIRS
 - RPA-3 REMOVE PAVER
 - RPA-4 SAWCUT PAVING
 - RPA-5 REMOVE ASPHALT
- PRO - PROTECTION
 - PRO-1 PLACE TREE PROTECTION FENCE
 - PRO-2 PROTECT EXISTING FEATURE
- RSF - SITE FEATURES
 - RSF-1 REMOVE BENCH OR TABLE
 - RSF-2 REMOVE RAILING
- RSW - SITE WALLS
 - SEE STRUCTURAL PLANS FOR DETAILS
 - RSW-1 REMOVE RETAINING WALL
 - RSW-2 REMOVE SEAT OR SITE WALL
 - RSW-3 CUT AND REMOVE FLOOD PROTECTION WALL
 - RSW-4 REMOVE PLANTER WALL
 - RSW-5 REMOVE CONCRETE WALL ABOVE GRADE - SEE DETAIL 8 ON L22-4
- RSF-3 REMOVE BOLLARD
- RSF-4 REMOVE SIGN
- RSF-5 REMOVE POST AND ROPE/CHAIN RAILING
- RSF-6 REMOVE GUARDRAIL
- RSF-7 REMOVE CHAIN LINK FENCE
- RSF-8 REMOVE RIVER EGRESS LADDER



FOR AMPHITHEATER BLOCK - REMOVAL
SEE SHEET L9-2A

FOR UNDERPASS - EXISTING & REMOVALS
SEE SHEET L12-1

FOR U OF M BLOCK - REMOVAL
SEE SHEET L9-2

PROJECT MANAGER: JAMES W. WEAVER; DESIGNER: JAMES WEAVER; CHECKER: JAMES WEAVER; PLOTTED: 10/24/2024 8:30 AM BY WHALEY, RUSSELL



REV#	DATE	DESCRIPTION	BY



GENESEE COUNTY PARKS & REC
5045 E. STANLEY ROAD
FLINT, MI 48506

FLINT RIVERFRONT RESTORATION - PHASE 2
MARKET STALL BLOCK - REMOVAL

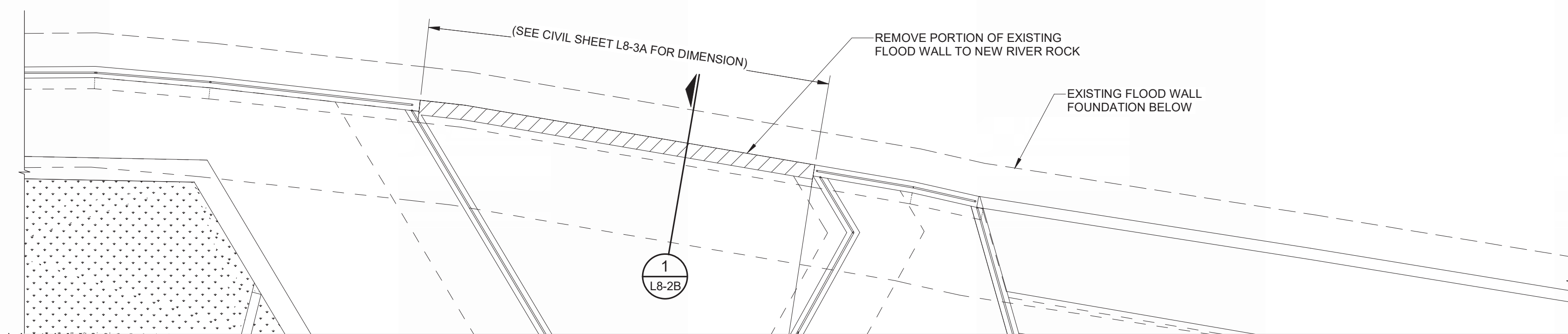
ISSUED FOR: []	DATE: 10/23/24	BY: []	JOB NO: GPA200301F
[]	[]	[]	[]
SHEET			L8-2A

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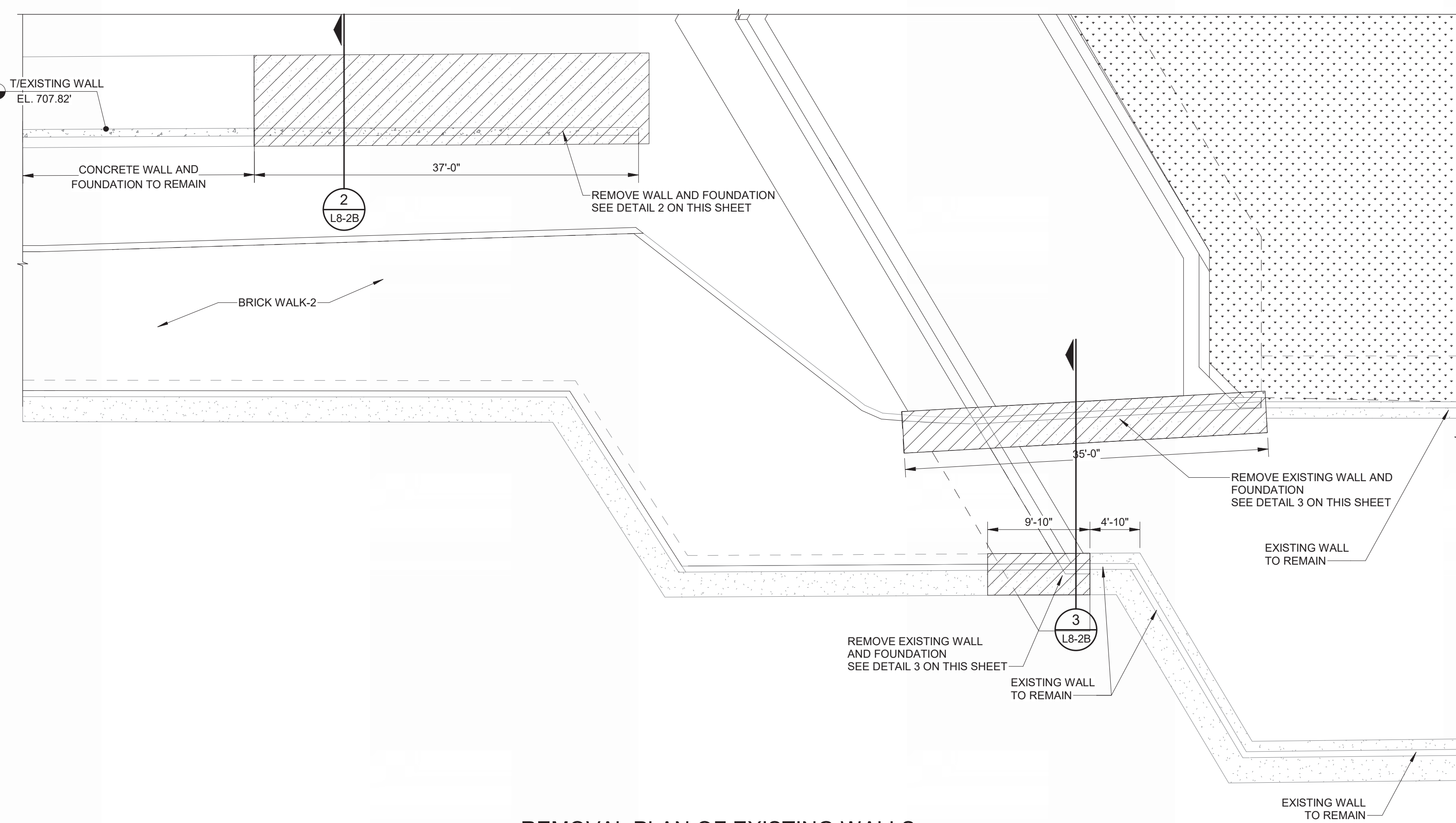
NOTES:

- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING ELEVATIONS AND DIMENSIONS PRIOR TO CONSTRUCTION.
- ALL DIMENSIONS OR ELEVATIONS MARKED WITH AN ASTERISK "*" SHALL BE DETERMINED OR VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.
- WHEN REMOVING EXISTING CONCRETE BY CUTTING OR CHIPPING THE CONTRACTOR SHALL ONLY REMOVE REINFORCING BARS WHICH CANNOT BE BENT INTO AREAS WHERE NEW CONCRETE WOULD COMPLETELY COVER THEM.

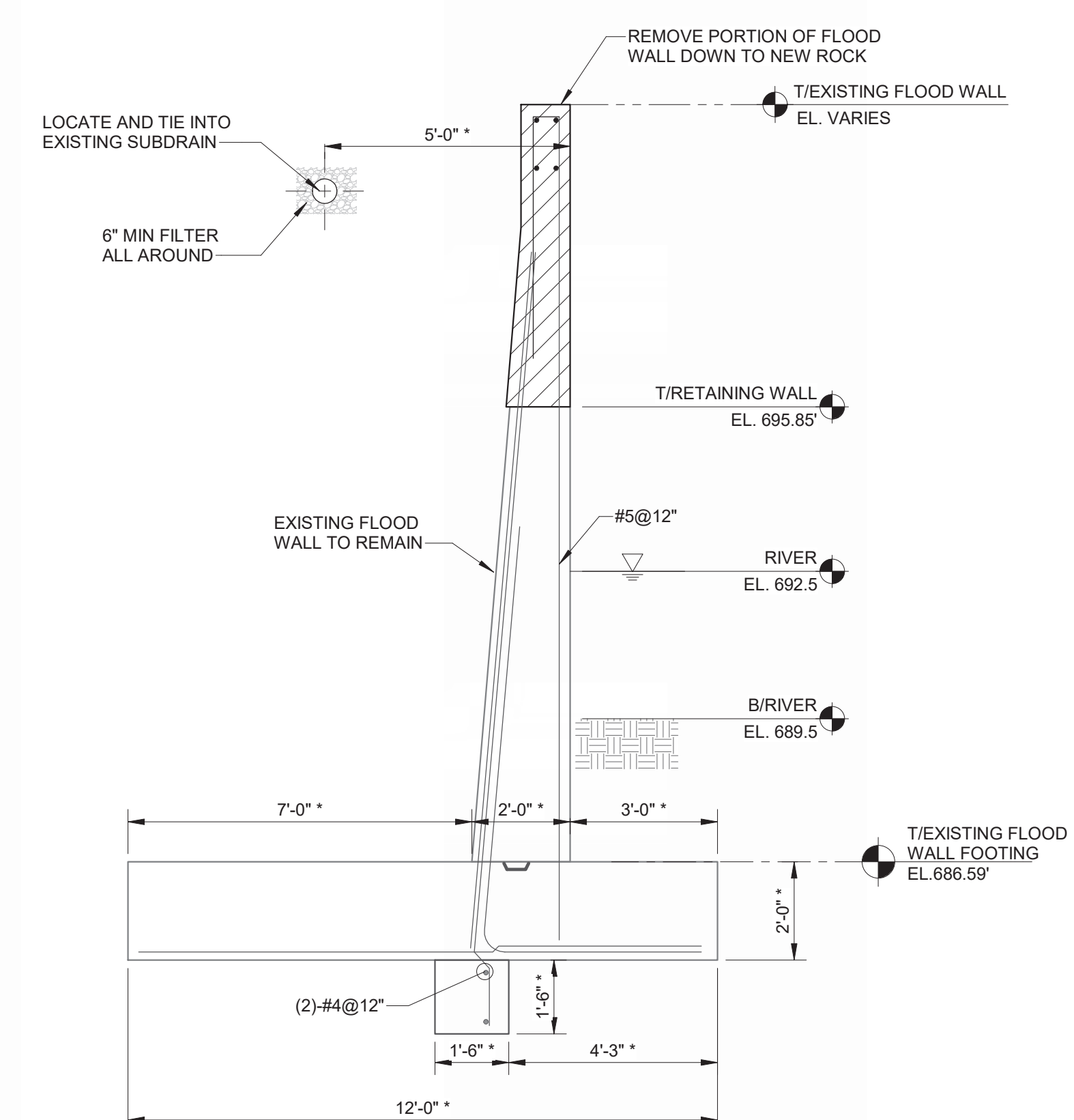
LEGEND:



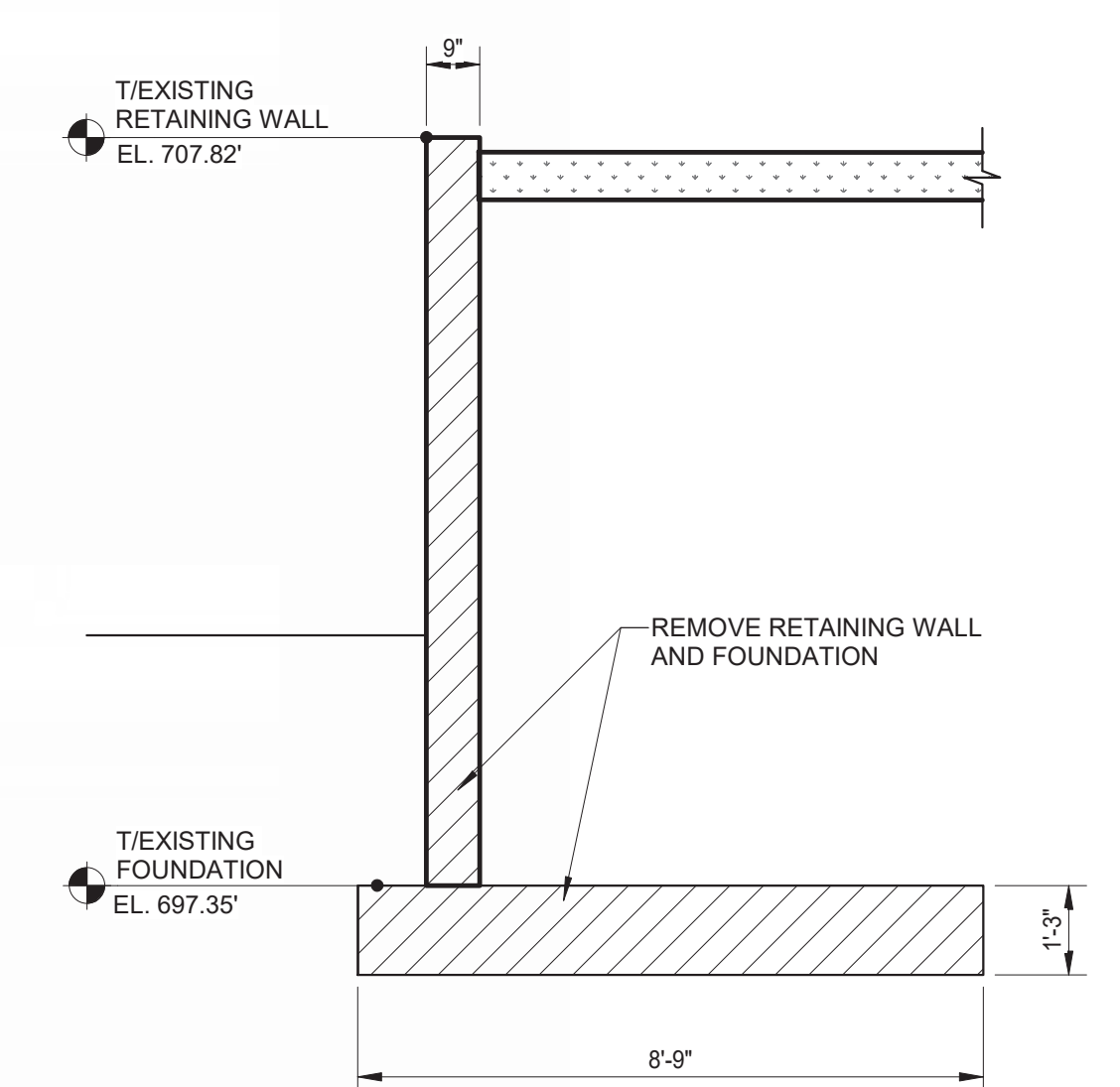
REMOVAL PLAN OF FLOOD WALL
SCALE: 1/8" = 1'-0"



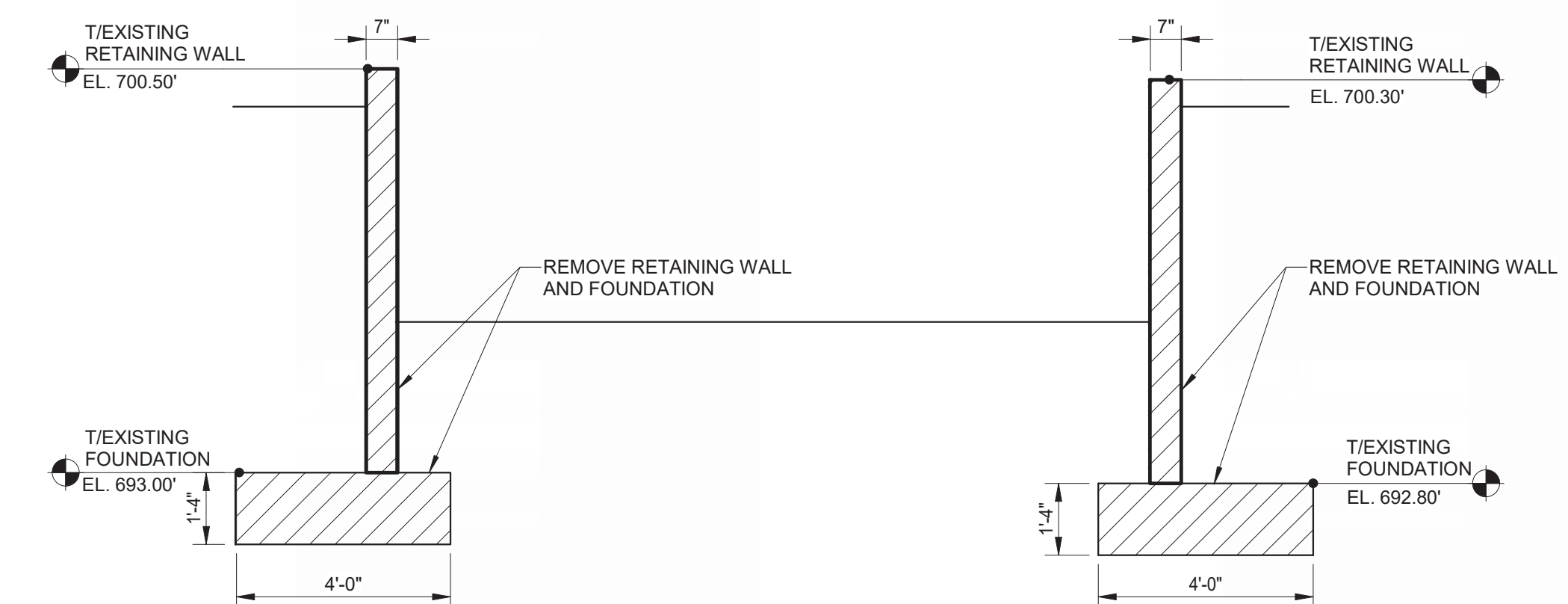
REMOVAL PLAN OF EXISTING WALLS
SCALE: 1/8" = 1'-0"



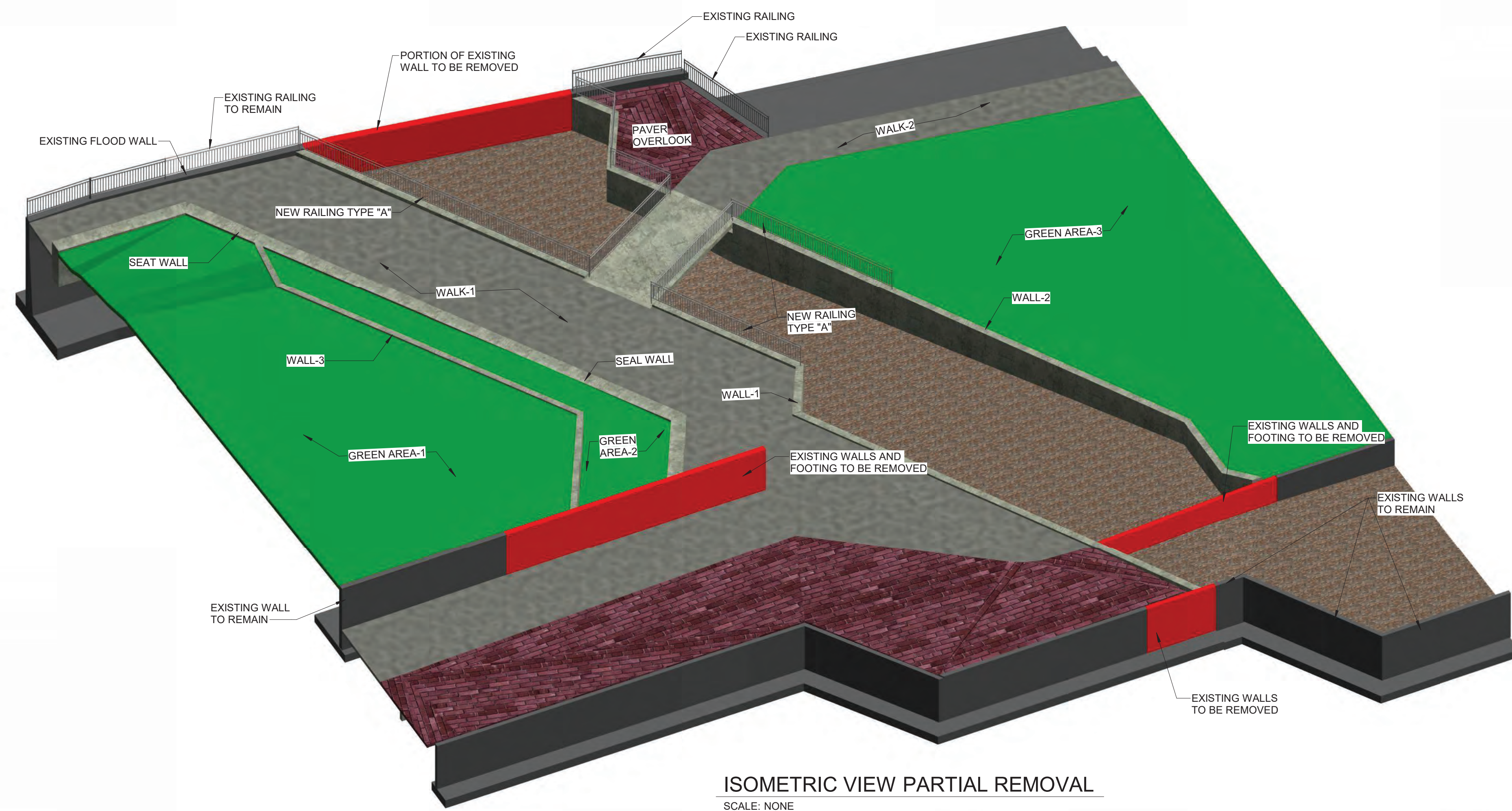
1 PARTIAL REMOVAL OF FLOOD WALL
SCALE: 3/8" = 1'-0"



2 WALL REMOVAL SECTION
SCALE: 3/8" = 1'-0"



3 WALL REMOVAL SECTION
SCALE: 3/8" = 1'-0"



ISOMETRIC VIEW PARTIAL REMOVAL
SCALE: NONE

PROJECT MANAGER: (S-8) Markel Stall Block S-018(Recovery) 10/17/2024 10:00:46 AM

REV#	DATE	DESCRIPTION	BY



GENESSEE COUNTY PARKS & REC
5045 E. STANLEY ROAD
FLINT, MI 48506

FLINT RIVERFRONT RESTORATION - PHASE 2
MARKET STALL BLOCK
REMOVAL - STRUCTURAL PLANS, SECTION AND
ISOMETRIC VIEW

ISSUED FOR: DATE: BY: G
WB 10/23/24 G

JOB NO: GPA200301F
SHEET: L8-2B

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KEY NOTES – PROPOSED

CG – CURB AND GUTTER

- CG-1 STANDARD CURB AND GUTTER
- CG-2 CURB RAMP

LS – LANDSCAPE

- LS-1 PLANTER BED
- LS-2 BIORETENTION BED
- LANDSCAPE BOULDER

- BARRIER BOULDER
- TREE GRATE
- RIVER ACCESS STONE
- PA – PAVING
- CONCRETE WALK – STANDARD
- CONCRETE WALK 8"– REINFORCED
- CONCRETE WALK – EXPOSED AGGREGATE
- CONCRETE – INTEGRAL COLOR

- ASPHALT ROADWAY
- ASPHALT TRAIL
- PERMEABLE PAVER
- STANDARD PAVER
- STAIRS – STANDARD
- STAIRS – CUSTOM
- STAIRS – PERRONS
- MEET EXISTING PAVEMENT

- SF – SITE FEATURES**
- CROSSWALK
 - BENCH – STANDARD
 - SWINGING BENCH
 - PICNIC TABLE
 - LITTER BIN
 - BIKE RACKS
 - PARK SIGN
 - RIVER EGRESS LADDER
 - BBQ GRILL AND ASH BIN
 - RAILING – TYPE A

- RAILING – TYPE B
- EXISTING HANDRAIL – CLEANING AND PAINTING
- USCG LIFE RING
- SW – SITE WALLS**
SEE STRUCTURAL PLANS FOR DETAILS
- RETAINING WALL
- SEAT WALL
- FLOOD PROTECTION WALL
- RAISED PLANTER WALL
- OUTCROPPING STONE WALL
- CURB WALL

FOR UNDERPASS – LAYOUT, GRADING, & UTILITY
SEE SHEET L12-2

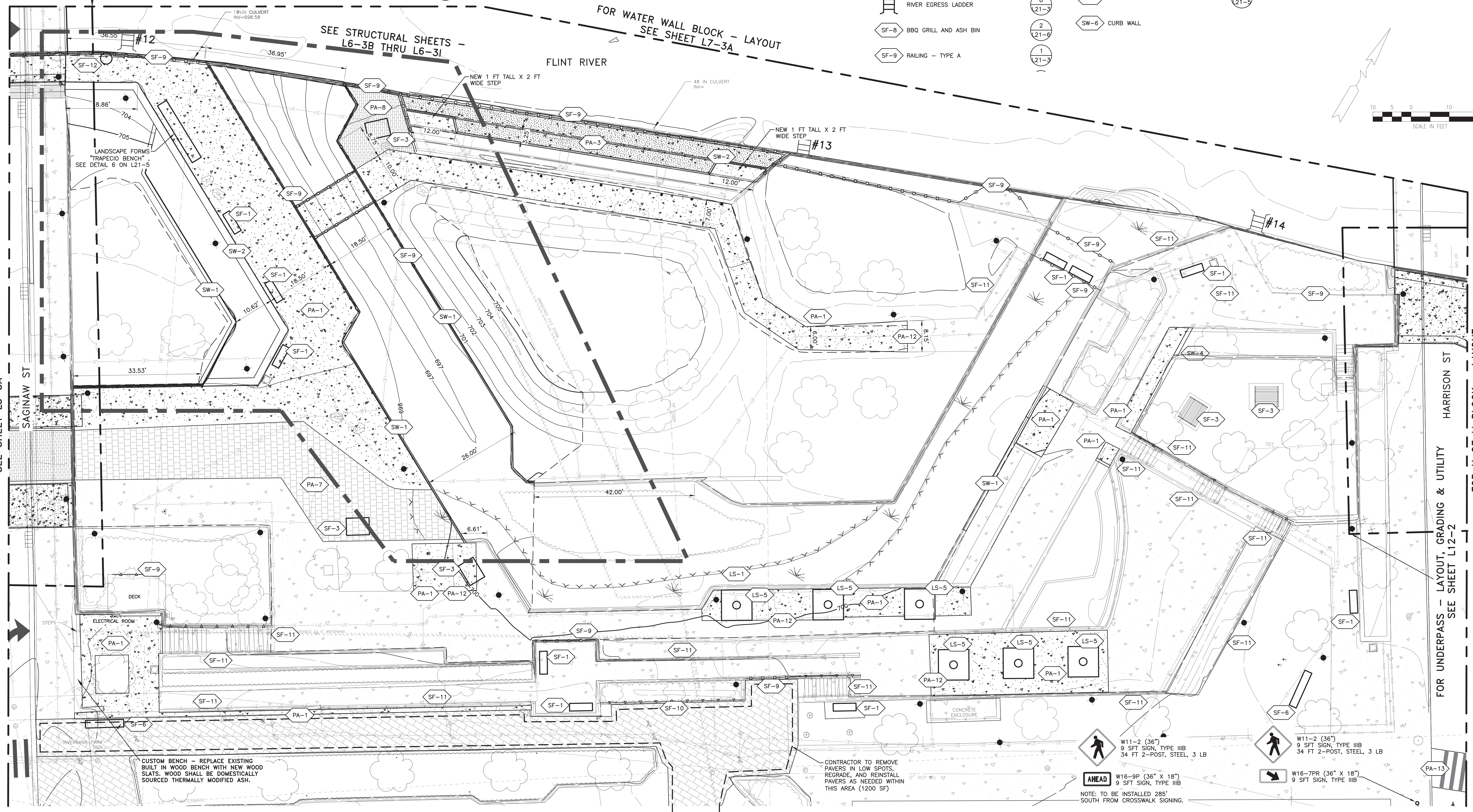
FOR BRIDGES – LAYOUT & UTILITY
SEE SHEET L12-4

FOR WATER WALL BLOCK – LAYOUT
SEE SHEET L7-3A

FOR AMPHITHEATER BLOCK – LAYOUT
SEE SHEET L5-3A

FOR UNDERPASS – LAYOUT, GRADING & UTILITY
SEE SHEET L12-2

FOR U OF M BLOCK – LAYOUT
SEE SHEET L9-3



CUSTOM BENCH – REPLACE EXISTING BUILT IN WOOD BENCH WITH NEW WOOD SLATS. WOOD SHALL BE DOMESTICALLY SOURCED THERMALLY MODIFIED ASH.

CONTRACTOR TO REMOVE PAVERS IN LOW SPOTS, REGRADE, AND REINSTALL PAVERS AS NEEDED WITHIN THIS AREA (1200 SF)

W11-2 (36")
9 SFT SIGN, TYPE IIIB
34 FT 2-POST, STEEL, 3 LB

W16-9P (36" X 18")
9 SFT SIGN, TYPE IIIB

W16-7PR (36" X 18")
9 SFT SIGN, TYPE IIIB

NOTE: TO BE INSTALLED 285' SOUTH FROM CROSSWALK SIGNING.



REV#	DATE	DESCRIPTION	BY



GENESEE COUNTY PARKS & REC
5045 E. STANLEY ROAD
FLINT, MI 48506

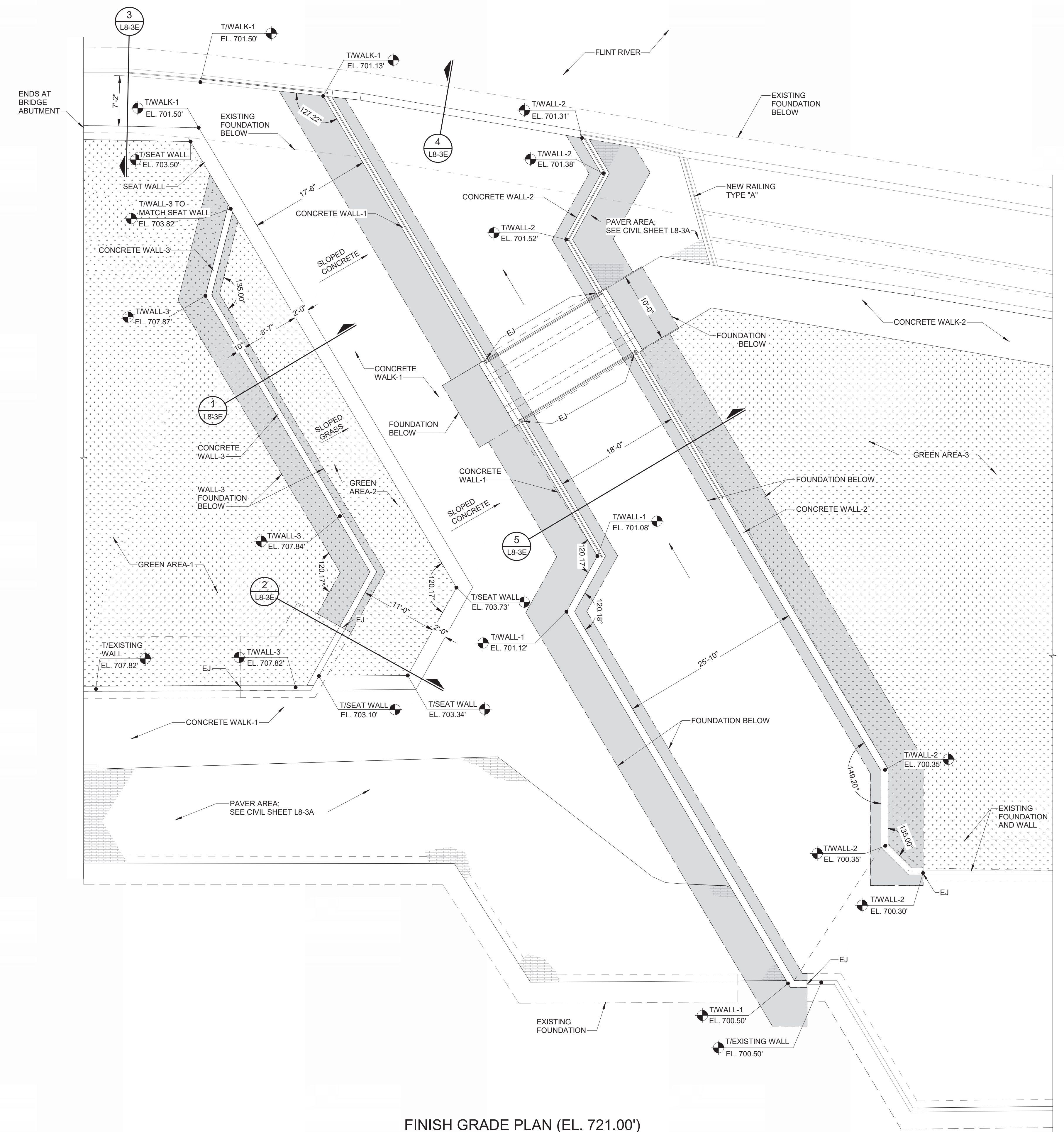
FLINT RIVERFRONT RESTORATION – PHASE 2
MARKET STALL BLOCK – LAYOUT

ISSUED FOR: DATE: BY: JOB NO.
FB 10/23/24 SAL GPA200301F

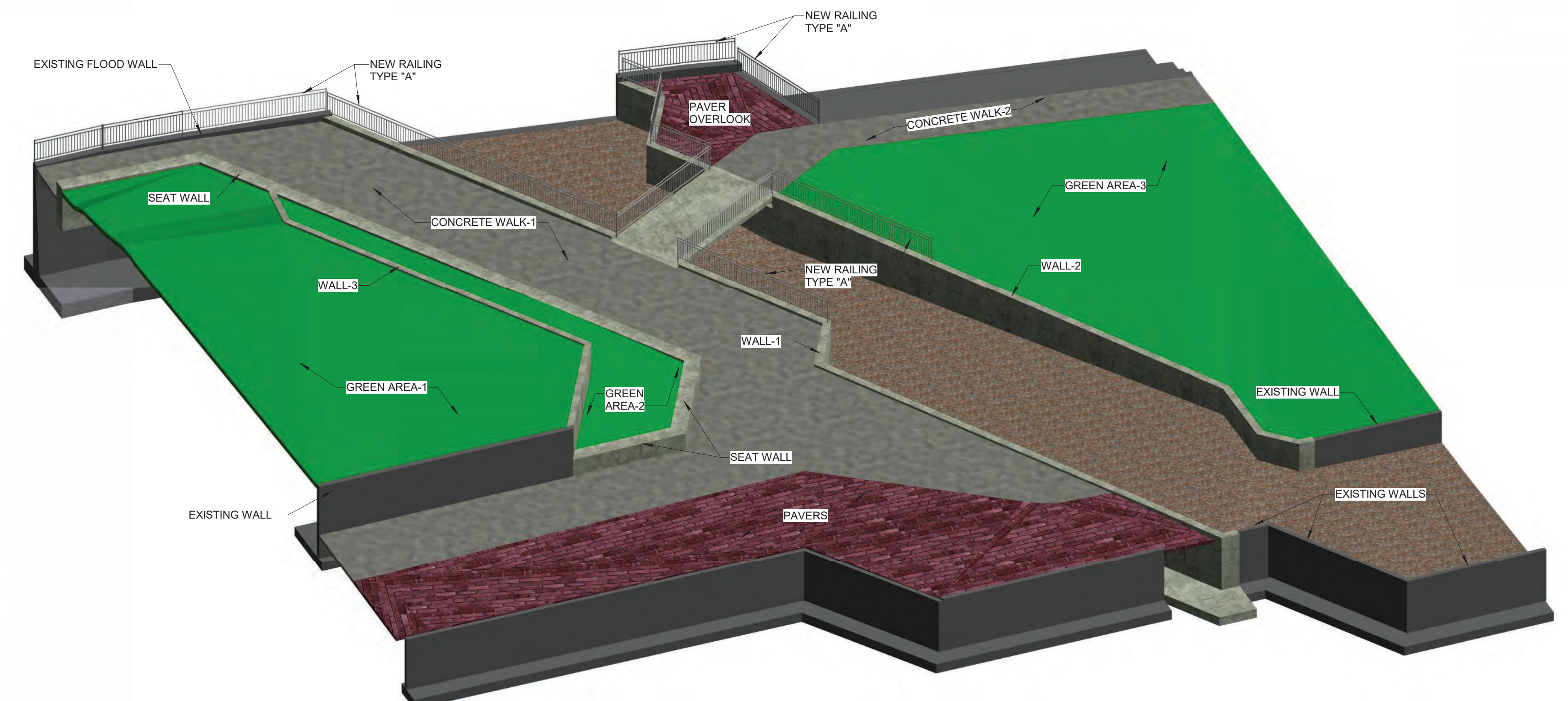
SHEET
L8-3A

PROJECT MANAGER: [Name], FIELD DESIGN INFORMATION: [Name], PLOTTED: 10/24/2024 8:32 AM BY WHALEY, RUSSELL

FLINT RIVER RESTORATION



FINISH GRADE PLAN (EL. 721.00')
SCALE: 1/8" = 1'-0"



ISOMETRIC VIEW
SCALE: NONE

- NOTES:**
BELOW NOTES APPLY TO ALL L8 STRUCTURAL SHEETS.
1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING ELEVATIONS AND DIMENSIONS PRIOR TO CONSTRUCTION.
 2. RETAINING WALL STRUCTURES ARE DESIGNED FOR A MAXIMUM BEARING PRESSURE OF 3000 PSF.
 3. PROVIDE NEW RAILING AS INDICATED. SEE CIVIL SHEETS FOR LOCATIONS AND DETAILS.
 4. SPOT ELEVATIONS SHOWN ARE FOR REFERENCE ONLY. REFER TO CIVIL SHEET (L8-4) FOR FINAL DETAILED GRADING.
 5. PROVIDE 1/2" CHAMFERED EDGE FOR ALL EXPOSED WALL EDGES.
 6. ALL DIMENSIONS OR ELEVATIONS MARKED WITH AN ASTERISK "*" SHALL BE DETERMINED OR VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.
 7. LANDINGS SHALL HAVE MINIMUM 1% SLOPE FOR DRAINAGE. SEE CIVIL SHEET (L8-4) FOR DETAILS.
 8. IN CASE OF GRADE DISCREPANCIES BETWEEN CIVIL AND STRUCTURAL SHEETS, FOLLOW CIVIL GRADING PLAN.

PROJECT MANAGER: 10/17/2024 10:00:51 AM
PROJECT MANAGER: 10/17/2024 10:00:51 AM
PROJECT MANAGER: 10/17/2024 10:00:51 AM

REV#	DATE	DESCRIPTION	BY

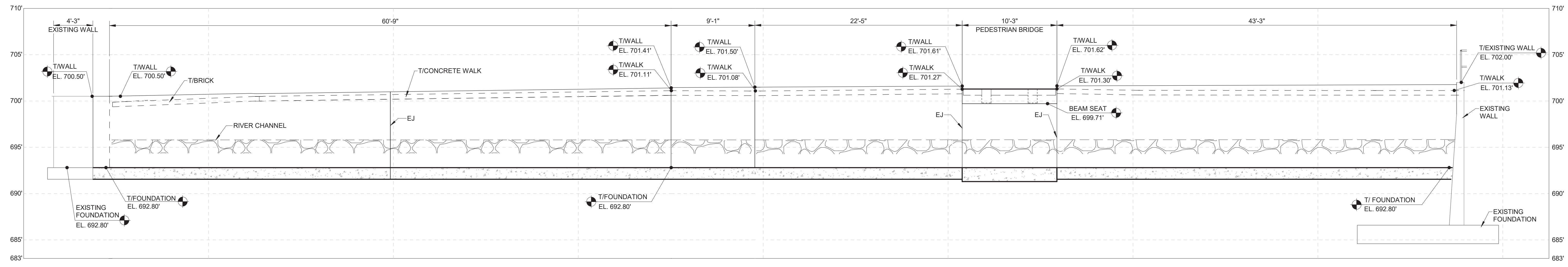


GENESSEE COUNTY PARKS & REC
5045 E. STANLEY ROAD
FLINT, MI 48506

FLINT RIVERFRONT RESTORATION - PHASE 2
MARKET STALL BLOCK
STRUCTURAL GRADE PLAN AND ISOMETRIC VIEW

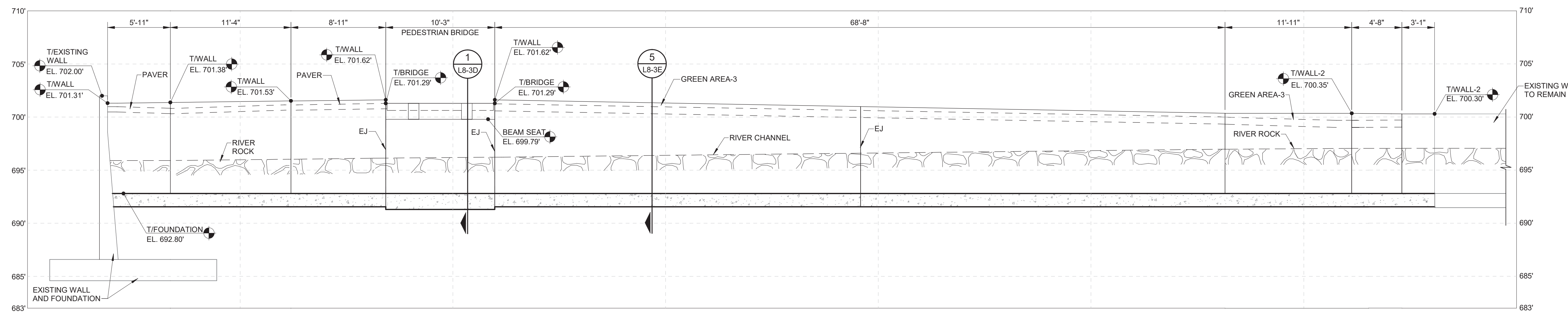
ISSUED FOR: DATE: BY:
WB 10/23/24 G
JOB NO: GPA200301F
SHEET
L8-3B

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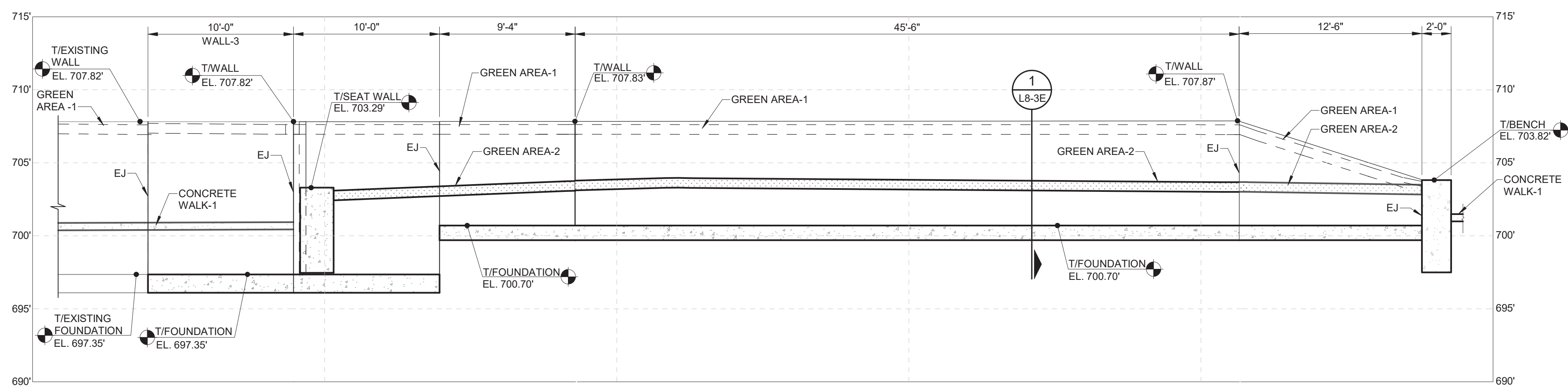
CONCRETE WALL-1 PROFILE

SCALE: 3/16" = 1'-0"



CONCRETE WALL-2 PROFILE

SCALE: 3/16" = 1'-0"



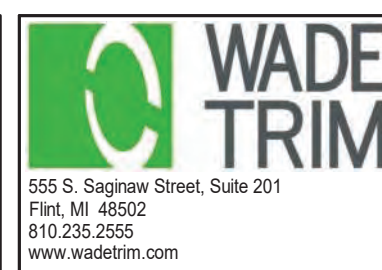
CONCRETE WALL-3 PROFILE

SCALE: 3/16" = 1'-0"

10/17/2024 10:00:51 AM

PROJECT MANAGER: (S=8) Market Stall Block S=918(Recovery).rvt

REV#	DATE	DESCRIPTION	BY



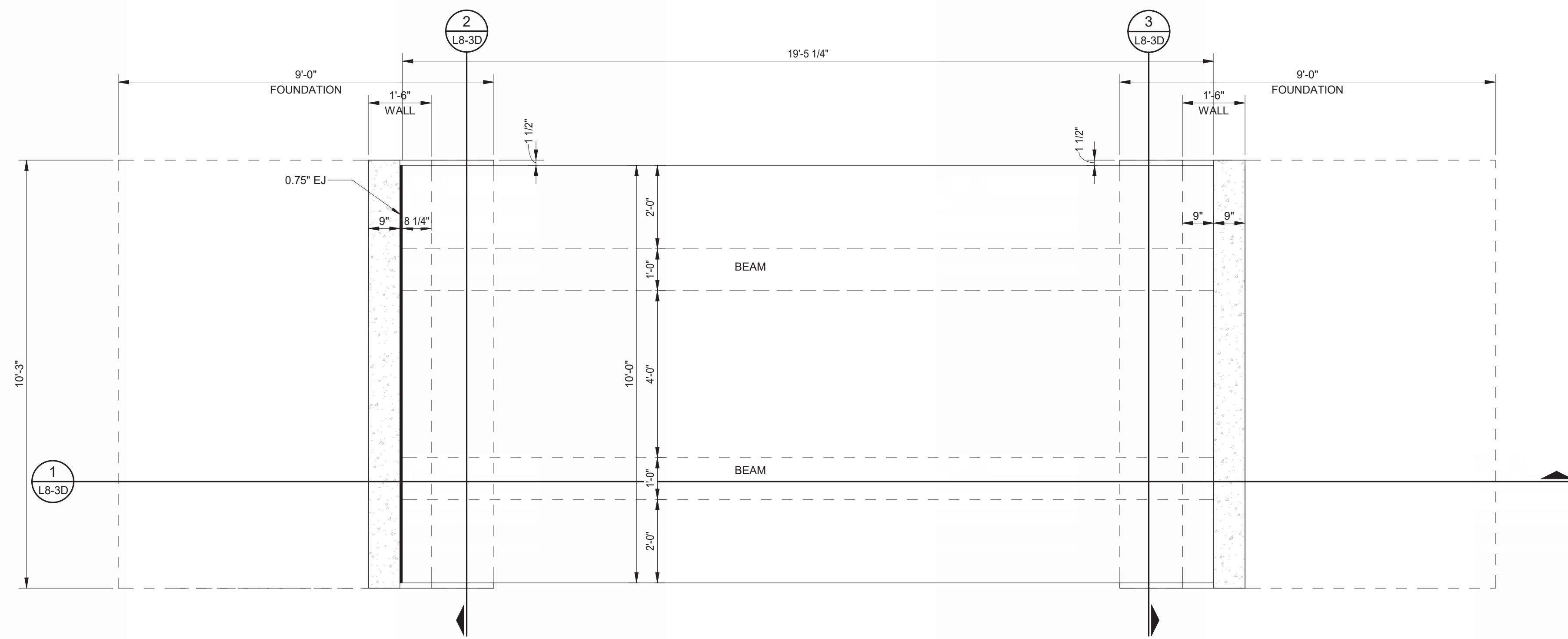
GENESSEE COUNTY PARKS & REC
5045 E. STANLEY ROAD
FLINT, MI 48506

FLINT RIVERFRONT RESTORATION - PHASE 2
MARKET STALL BLOCK
STRUCTURAL PROFILE SHEET

ISSUED FOR: DATE: BY:
WB 10/23/24 G

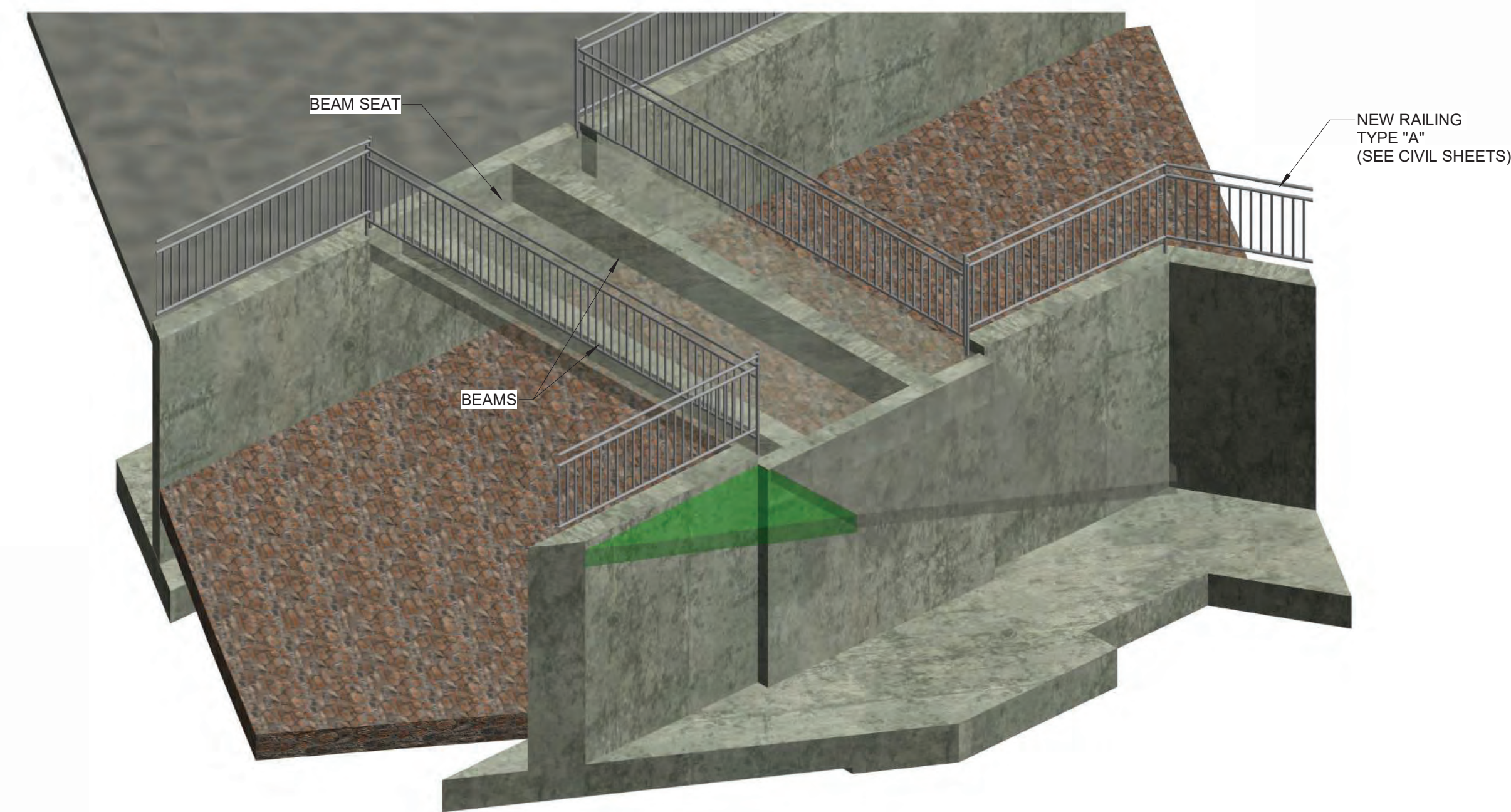
JOB NO: GPA200301F
SHEET: L8-3C

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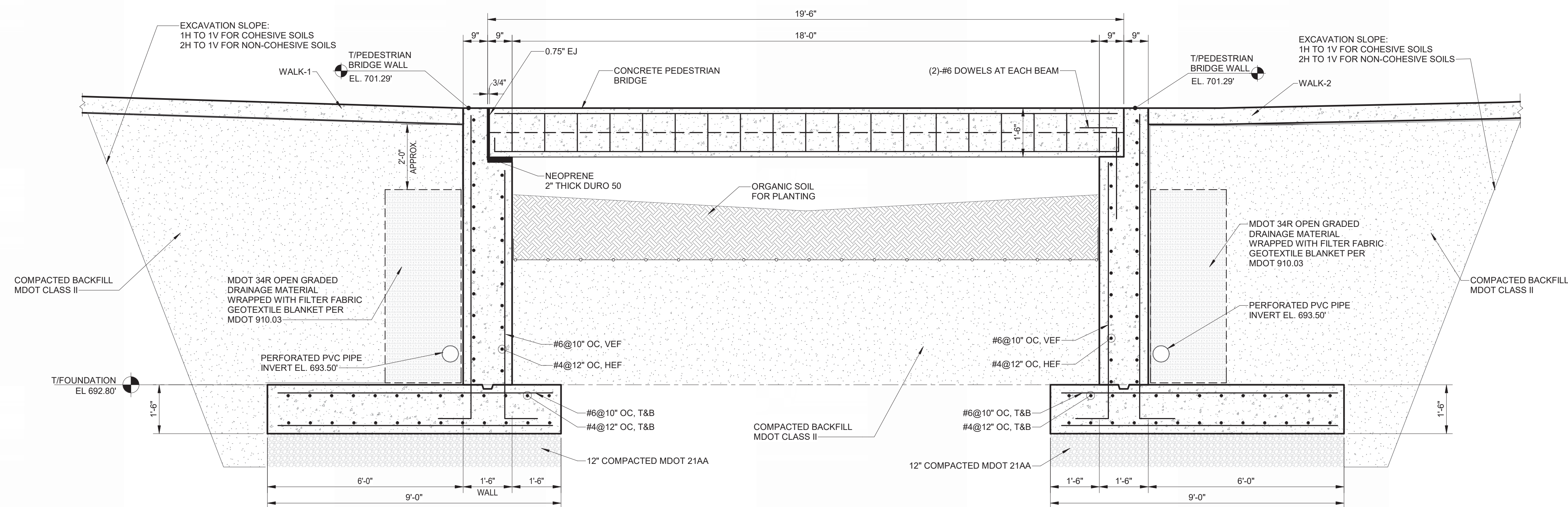
ENLARGED PEDESTRIAN BRIDGE PLAN

SCALE: 1/2" = 1'-0"
NOTE:
HANDRAILS NOT SHOWN FOR CLARITY



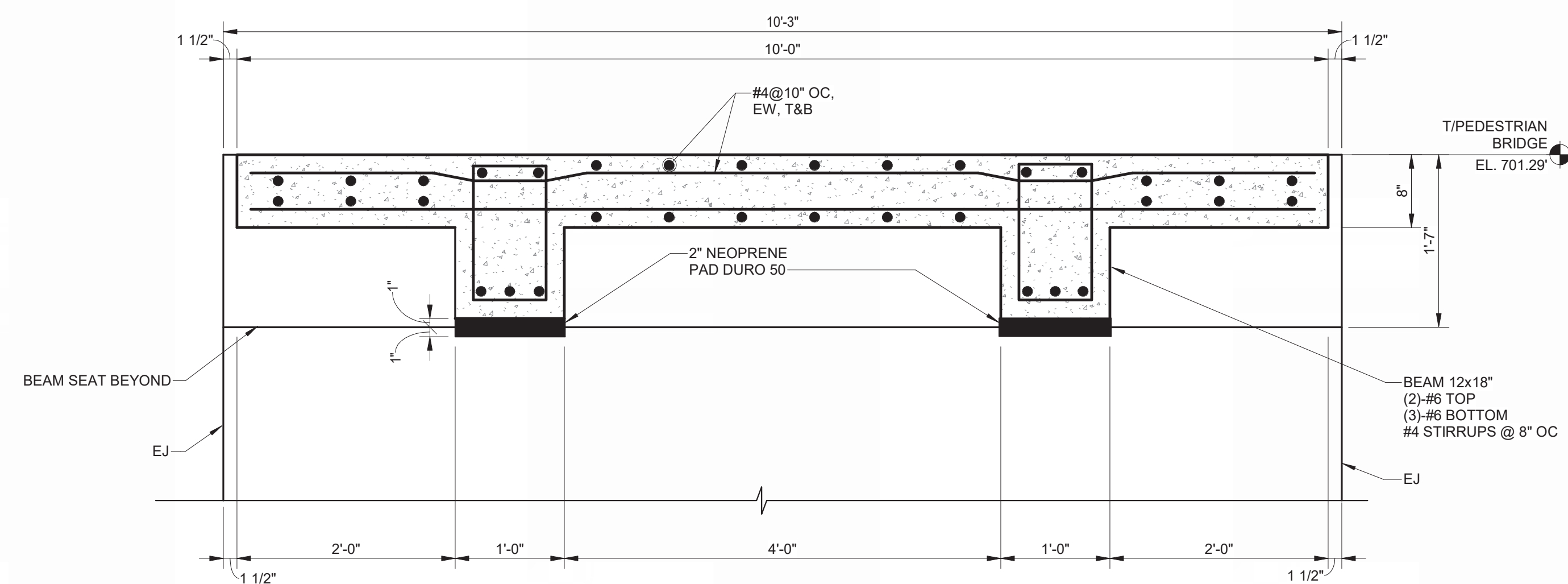
ENLARGED PEDESTRIAN BRIDGE ISOMETRIC VIEW

SCALE: NONE



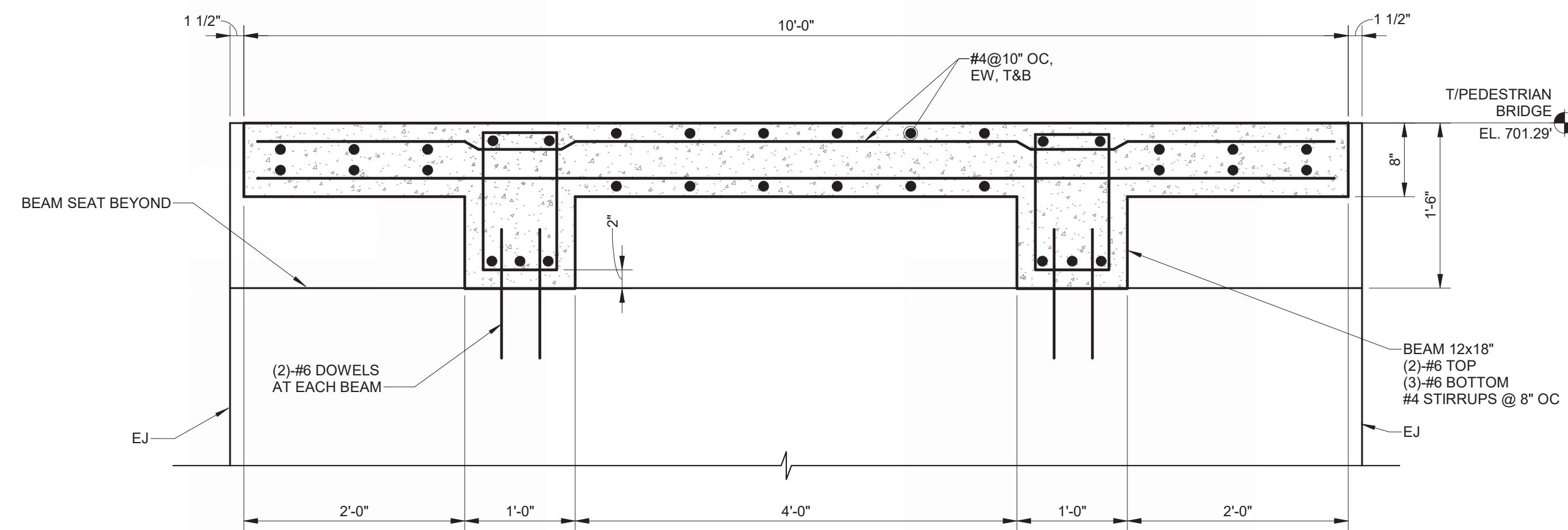
SECTION I

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



SECTION II

SCALE: 1" = 1'-0"

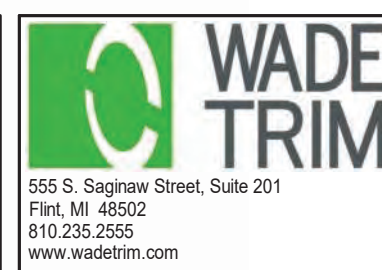


SECTION III

SCALE: 1" = 1'-0"

PROJECT MANAGER: 10/17/2024 10:00:59 AM
10/17/2024 10:00:59 AM
PROJECT MANAGER: 10/17/2024 10:00:59 AM

REV#	DATE	DESCRIPTION	BY



GENESSEE COUNTY PARKS & REC
5045 E. STANLEY ROAD
FLINT, MI 48506

FLINT RIVERFRONT RESTORATION - PHASE 2
MARKET STALL BLOCK
STRUCTURAL PEDESTRIAN BRIDGE PLAN,
SECTIONS AND ISOMETRIC VIEW

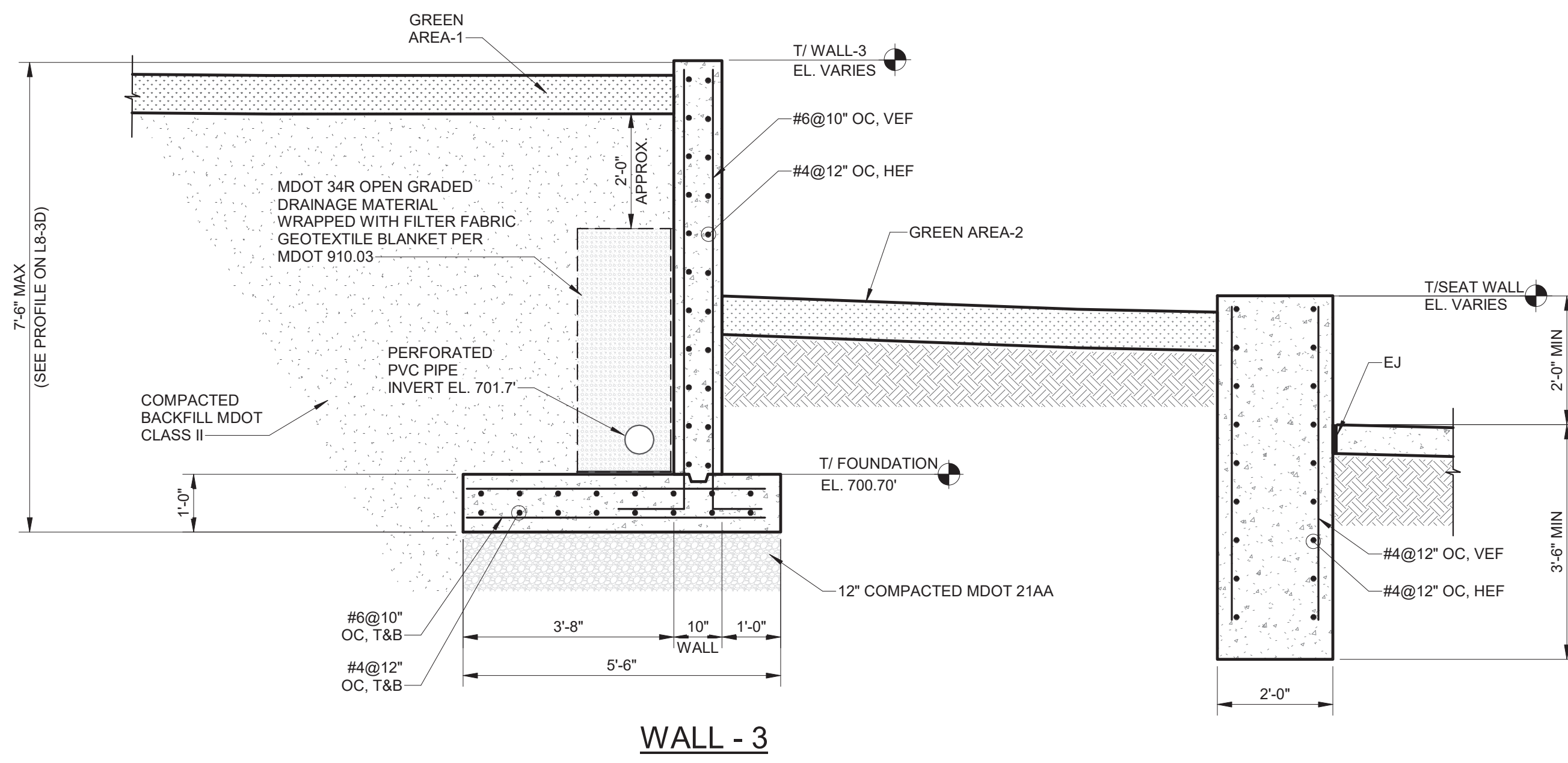
ISSUED FOR: DATE: BY:
WB 10/23/24 G

JOB NO: GPA200301F

SHEET

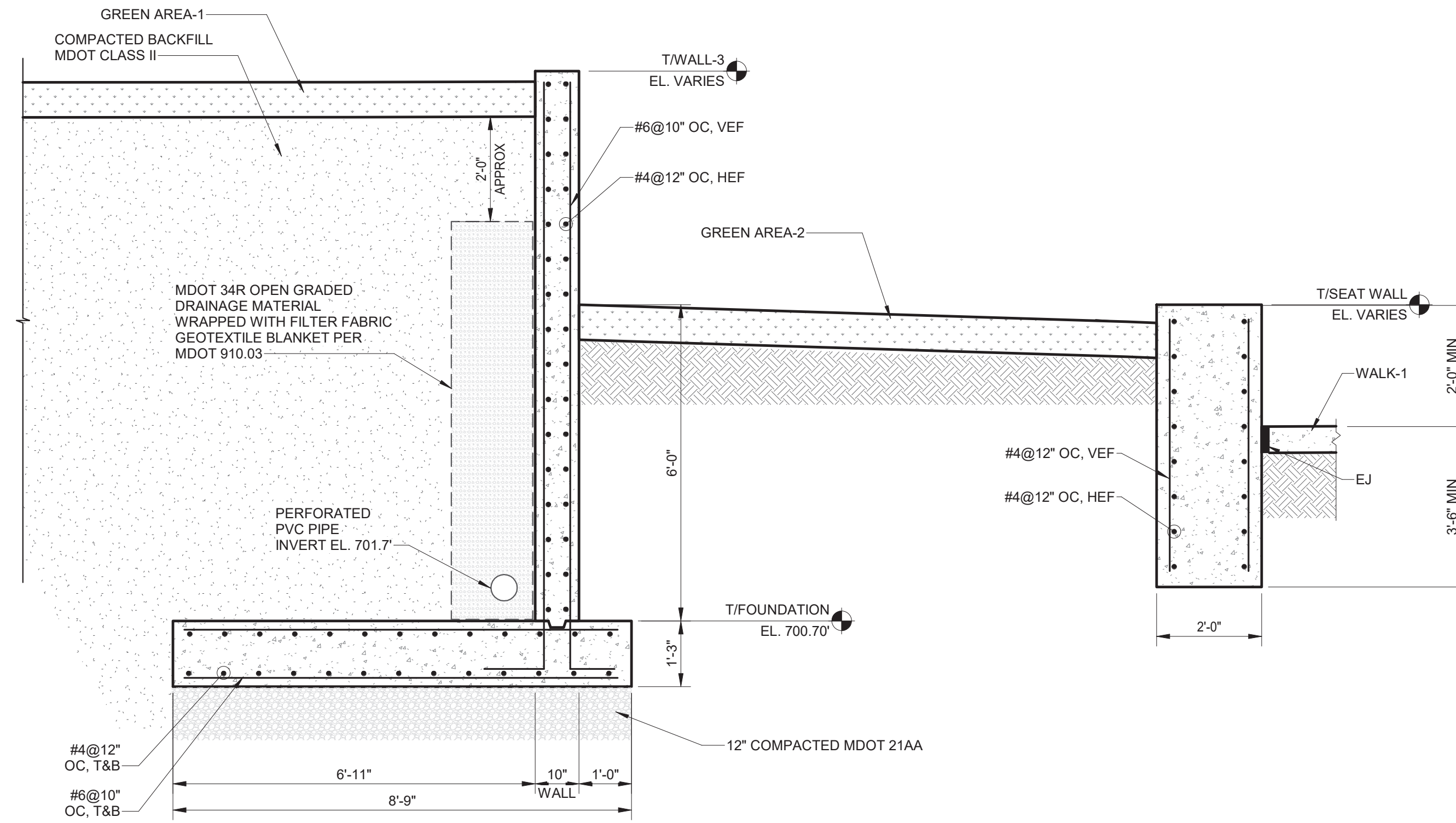
L8-3D

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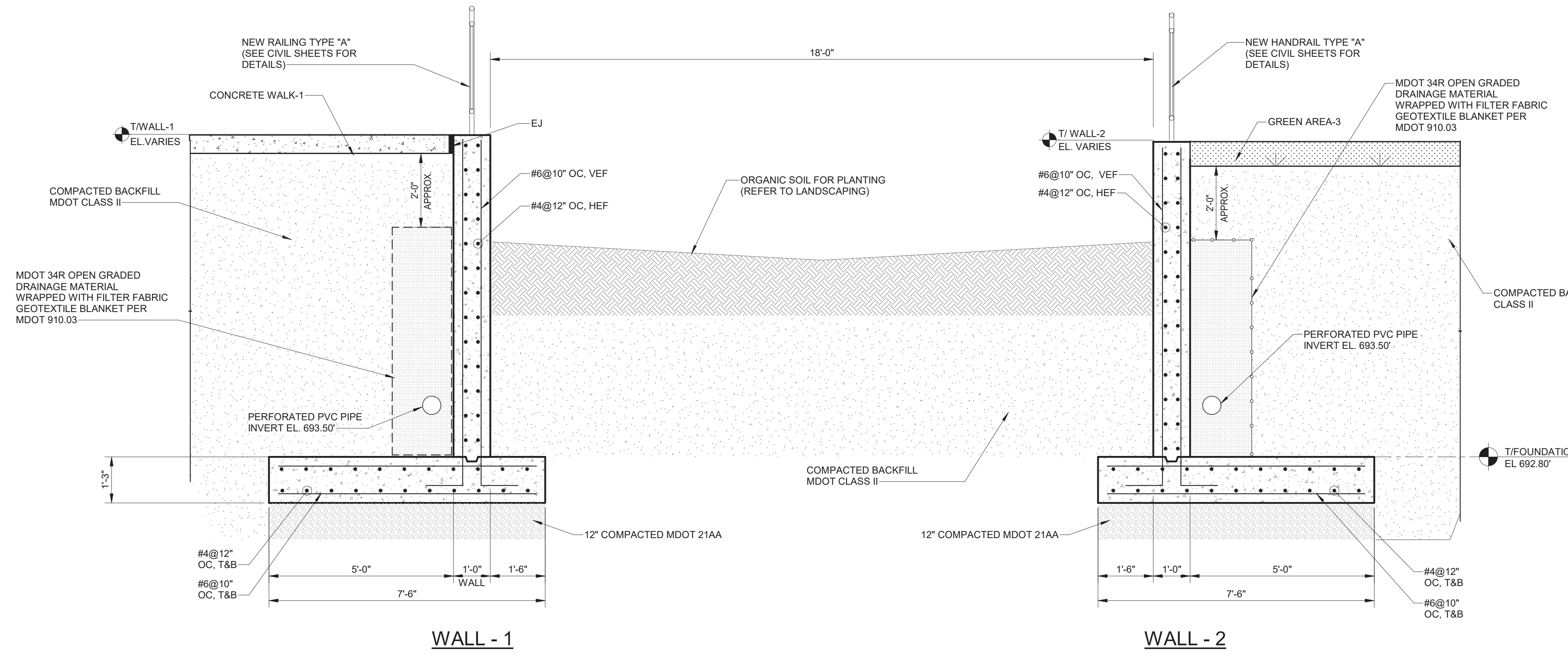
WALL - 3

1 SEAT WALL & WALL-3 REINFORCEMENT DETAIL I
SCALE: 1/2" = 1'-0"



WALL - 3

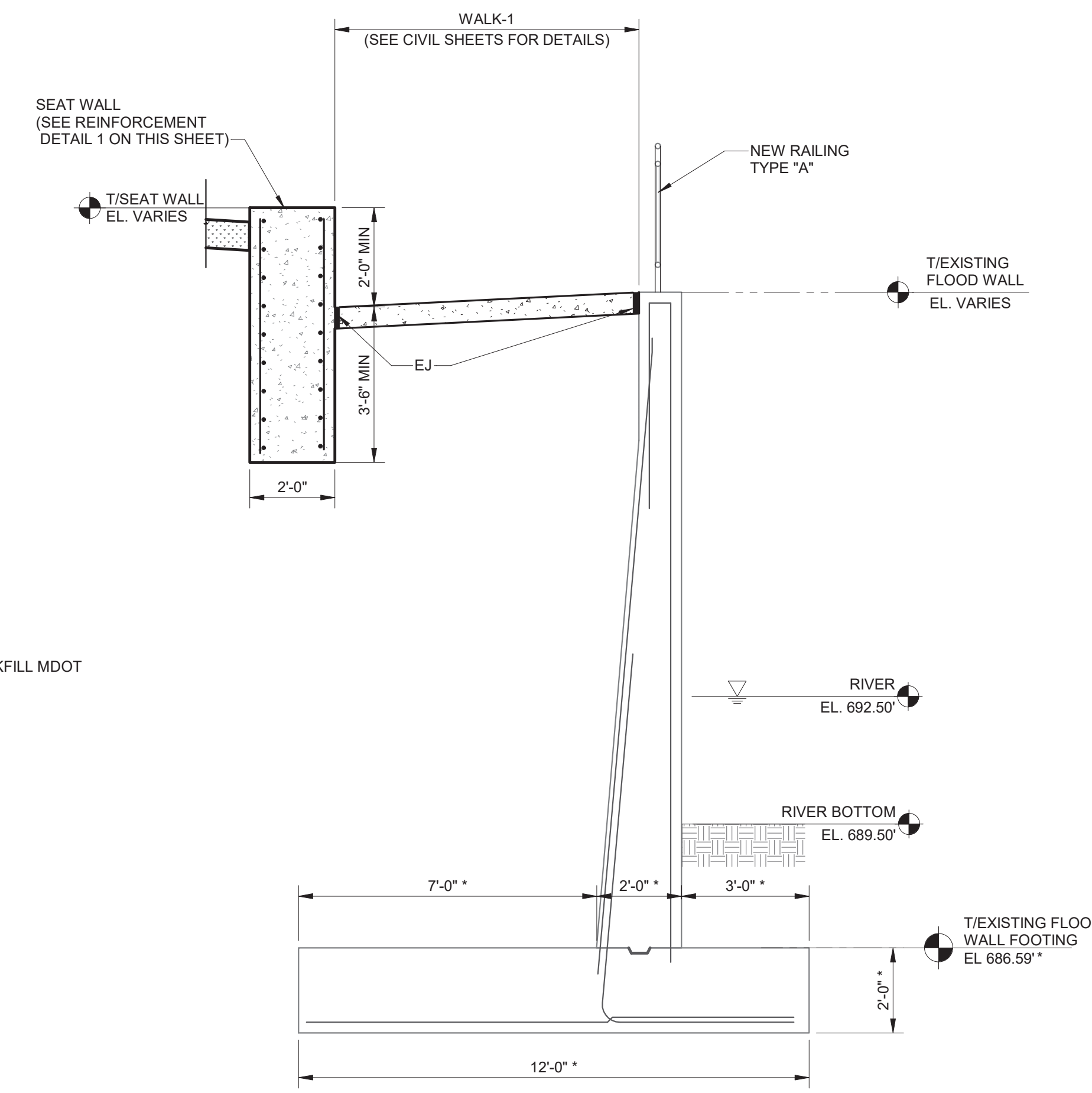
2 SEAT WALL & WALL-3 REINFORCEMENT DETAIL II
SCALE: 1/2" = 1'-0"



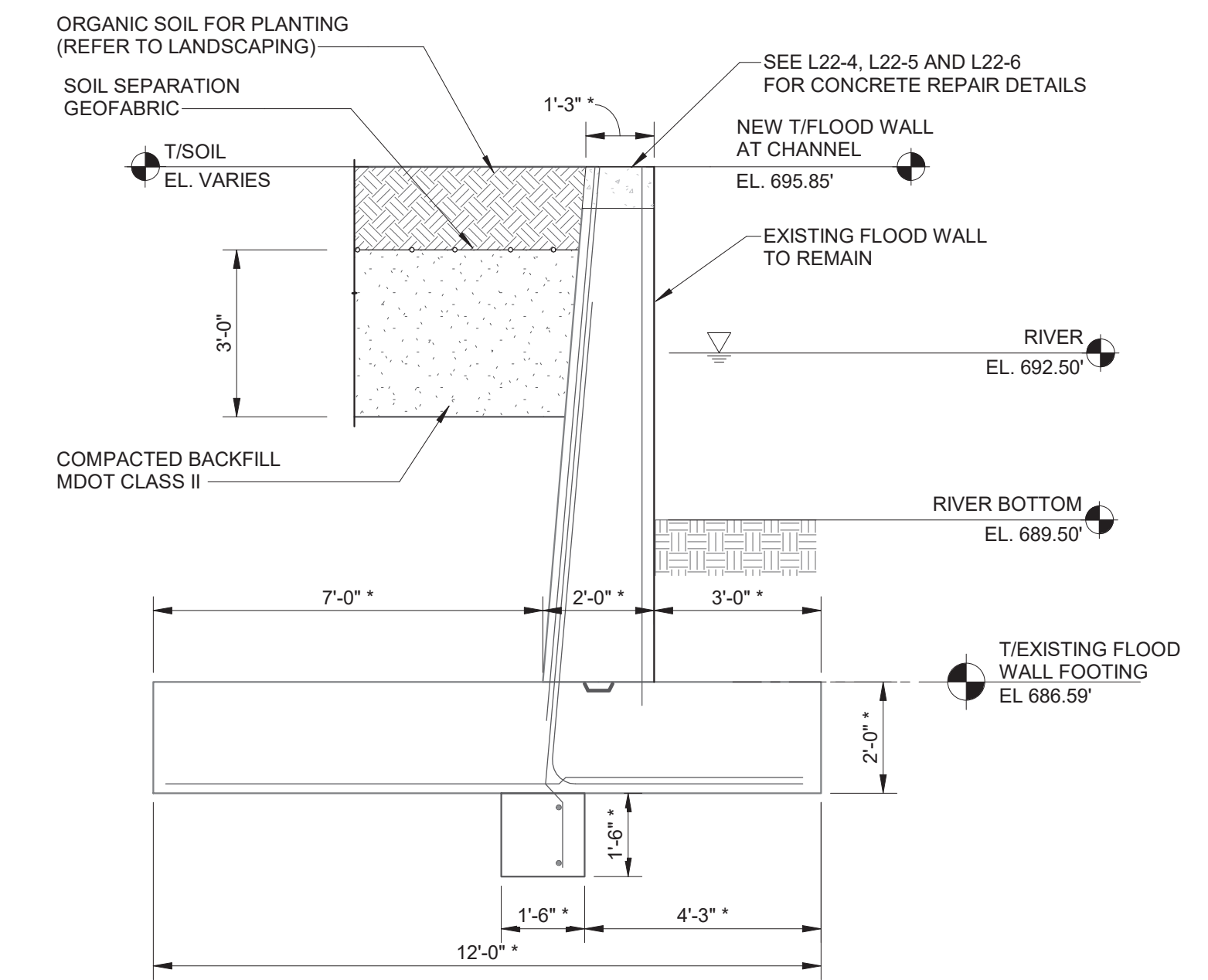
WALL - 1

WALL - 2

5 CHANNEL WALLS REINFORCEMENT
SCALE: 1/2" = 1'-0"



3 EXISTING FLOOD WALL
SCALE: 3/8" = 1'-0"



4 PROPOSED FLOOD WALL AT CHANNEL
SCALE: 3/8" = 1'-0"

PROJECT MANAGER: 10/17/2024 10:01:00 AM
PROJECT: 18-38 (18-38) Market Stall Block S-18(Recovery).rvt

REV#	DATE	DESCRIPTION	BY



GENESSEE COUNTY PARKS & REC
5045 E. STANLEY ROAD
FLINT, MI 48506

FLINT RIVERFRONT RESTORATION - PHASE 2
MARKET STALL BLOCK
STRUCTURAL SECTIONS

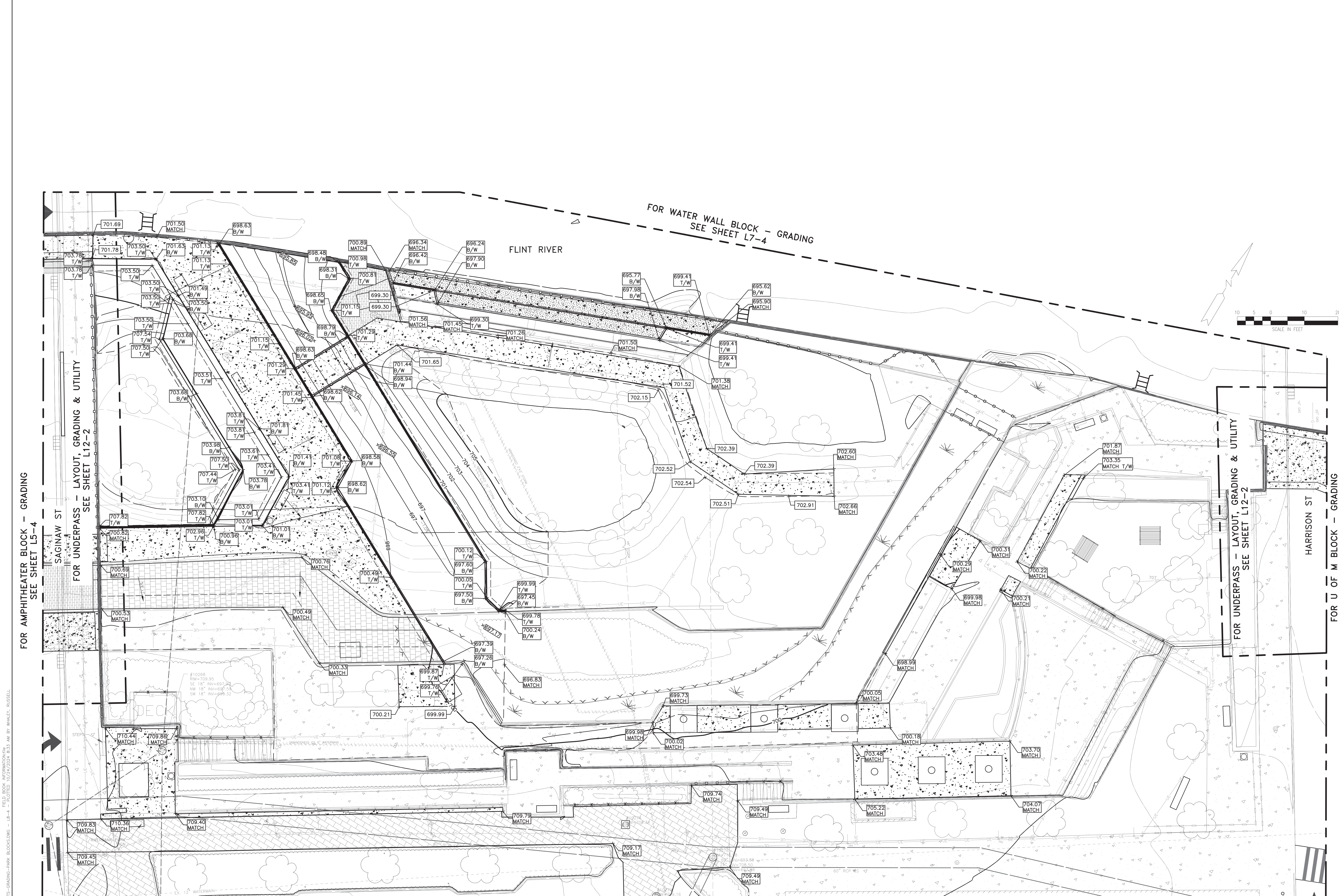
ISSUED FOR: DATE: BY:
WB 10/23/24 G

JOB NO: GPA200301F

SHEET

L8-3E

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PROJECT MANAGER: Russel Whaley
 CIVIL ENGINEER: Russel Whaley
 DATE: 10/24/2024 8:33 AM BY: WHALEY, RUSSELL
 PLOT: L8-4



REV#	DATE	DESCRIPTION	BY

WADE TRIM
 895 S. Saginaw Street, Suite 201
 Flint, MI 48502
 810.291.2556
 www.wadetrim.com

GENESEE COUNTY PARKS & REC
 5045 E. STANLEY ROAD
 FLINT, MI 48506

FLINT RIVERFRONT RESTORATION - PHASE 2
 MARKET STALL BLOCK - GRADING

ISSUED FOR: FB	DATE: 10/23/24	BY: SAL	JOB NO.: GPA200301F
SHEET			L8-4

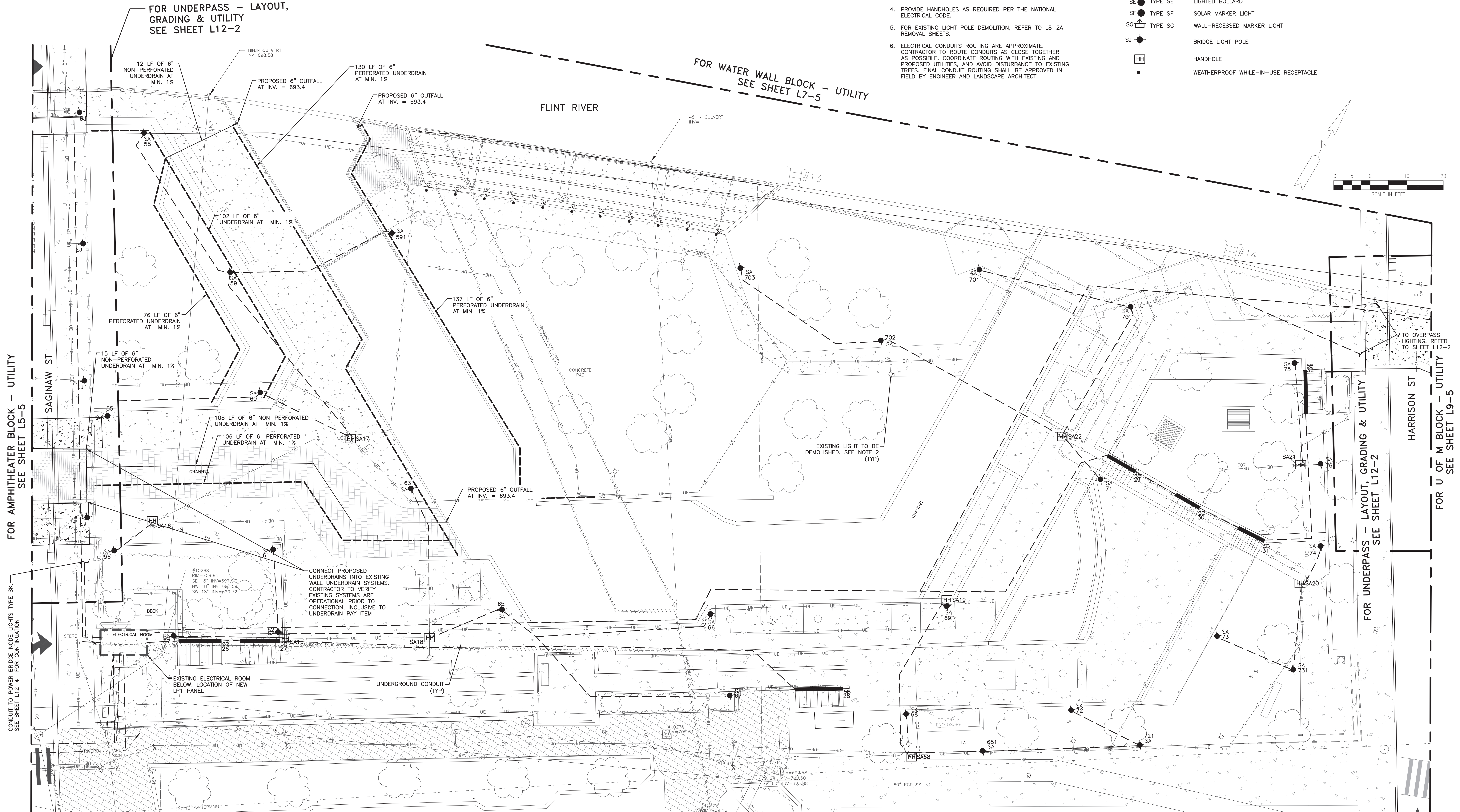
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ELECTRICAL NOTES

- REFER TO SHEETS E1-7 THRU E1-9 FOR LIGHTING SCHEDULE AND DETAILS.
- REFER TO LIGHTING DIAGRAMS ON SHEETS E1-1 THRU E1-6 FOR CONDUIT/WIRING SIZES.
- ROUTE NEW UNDERGROUND CONDUIT AS CLOSE AS POSSIBLE TO NEW SIDEWALK. COORDINATE WITH ANY EXISTING UTILITIES TO AVOID CONFLICTS. CONDUITS SHALL ALSO AVOID EXISTING TREES AND DRUPLINES WHEREVER POSSIBLE. CONFIRM CONDUIT ROUTING IN FIELD WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. REFER TO LIGHTING DIAGRAMS FOR CONDUIT/WIRES SIZES.
- PROVIDE HANDHOLES AS REQUIRED PER THE NATIONAL ELECTRICAL CODE.
- FOR EXISTING LIGHT POLE DEMOLITION, REFER TO L8-2A REMOVAL SHEETS.
- ELECTRICAL CONDUITS ROUTING ARE APPROXIMATE. CONTRACTOR TO ROUTE CONDUITS AS CLOSE TOGETHER AS POSSIBLE. COORDINATE ROUTING WITH EXISTING AND PROPOSED UTILITIES, AND AVOID DISTURBANCE TO EXISTING TREES. FINAL CONDUIT ROUTING SHALL BE APPROVED IN FIELD BY ENGINEER AND LANDSCAPE ARCHITECT.

LIGHTING LEGEND

- SA ● TYPE SA LIGHT POLE
- SB ■ TYPE SB HANDRAIL LIGHTS
- SC □ TYPE SC IN-GRADE AT TUNNELS
- SD-N ● TYPE SD-N NEW FEATURE LIGHTING POLE + NEW FLOODLIGHTS
- SD-R ● TYPE SD-R RELOCATED FEATURE LIGHTING POLE + NEW FLOODLIGHTS
- SD-E ● TYPE SD-E EXISTING POLE + NEW FLOODLIGHTS
- SE ● TYPE SE LIGHTED BOLLARD
- SF ● TYPE SF SOLAR MARKER LIGHT
- SG □ TYPE SG WALL-RECESSED MARKER LIGHT
- SJ ● TYPE SJ BRIDGE LIGHT POLE
- HH □ TYPE HH HANDHOLE
- TYPE ■ WEATHERPROOF WHILE-IN-USE RECEPTACLE



FOR AMPHITHEATER BLOCK - UTILITY
SEE SHEET L5-5

CONDUIT TO POWER BRIDGE NODE LIGHTS TYPE SK.
SEE SHEET L12-4 FOR CONTINUATION

FOR UNDERPASS - LAYOUT,
GRADING & UTILITY
SEE SHEET L12-2

FOR WATER WALL BLOCK - UTILITY
SEE SHEET L7-5

FOR UNDERPASS - LAYOUT, GRADING & UTILITY
SEE SHEET L12-2

FOR U OF M BLOCK - UTILITY
SEE SHEET L9-5

CONNECT PROPOSED UNDERDRAINS INTO EXISTING WALL UNDERDRAIN SYSTEMS. CONTRACTOR TO VERIFY EXISTING SYSTEMS ARE OPERATIONAL PRIOR TO CONNECTION, INCLUSIVE TO UNDERDRAIN PAY ITEM

EXISTING LIGHT TO BE DEMOLISHED. SEE NOTE 2 (TYP)

EXISTING ELECTRICAL ROOM BELOW. LOCATION OF NEW LP1 PANEL

UNDERGROUND CONDUIT (TYP)

PROJECT MANAGER: JAMES WHEATON; FIELD DESIGN: JAMES WHEATON; DATE: 10/23/24; 8:34 AM BY: WHEATON, JAMES; FILED: 10/23/24; 8:34 AM BY: WHEATON, JAMES; PROJECT: FLINT RIVERFRONT RESTORATION - PHASE 2; MARKET STALL BLOCK - UTILITY; SHEET: L8-5



REV#	DATE	DESCRIPTION	BY

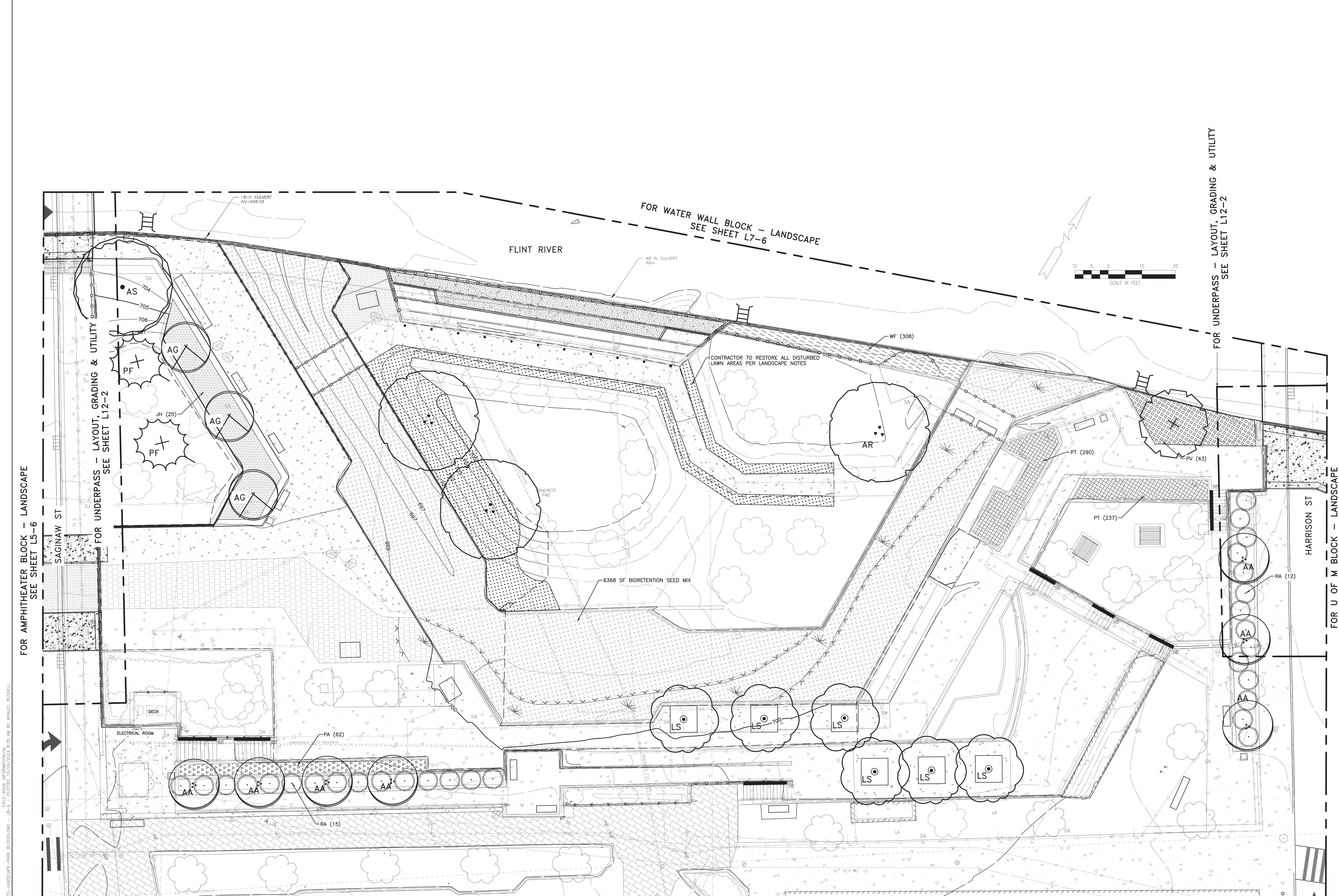


GENESEE COUNTY PARKS & REC
5045 E. STANLEY ROAD
FLINT, MI 48506

FLINT RIVERFRONT RESTORATION - PHASE 2
MARKET STALL BLOCK - UTILITY

ISSUED FOR: (FB)	DATE: 10/23/24	BY: SAL	JOB NO: GPA200301F
SHEET			L8-5

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FOR AMPHITHEATER BLOCK - LANDSCAPE
SEE SHEET L5-6

FOR UNDERPASS - LAYOUT, GRADING & UTILITY
SEE SHEET L12-2

FOR WATER WALL BLOCK - LANDSCAPE
SEE SHEET L7-6

FOR UNDERPASS - LAYOUT, GRADING & UTILITY
SEE SHEET L12-2

FOR U OF M BLOCK - LANDSCAPE
SEE SHEET L9-6

PROJECT MANAGER: JAMES WEAVER; DESIGNER: JEFFREY WEAVER; DATE PLOTTED: 10/24/2024 8:35 AM; BY: WHALEY, RUSSELL



REV#	DATE	DESCRIPTION	BY



GENESSEE COUNTY PARKS & REC
5045 E. STANLEY ROAD
FLINT, MI 48506

FLINT RIVERFRONT RESTORATION - PHASE 2
MARKET STALL BLOCK - LANDSCAPE

ISSUED FOR: DATE: BY:
JFB 10/23/24 SAL

JOB NO. GPA200301F
SHEET L8-6

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