



CIVIL / TRACK / STRUCTURAL GUIDANCE DRAWINGS

MARCH 2024

GUIDANCE DRAWINGS ARE FOR USE BY DESIGN TEAMS AS REPRESENTATIONS OF THE ARRANGEMENT OR CONFIGURATION OF SPECIFIC COMPONENTS OR THE WAY ACCEPTABLE SOLUTIONS TO CERTAIN DESIGN CHALLENGES HAVE BEEN ADDRESSED. THE GUIDANCE DRAWINGS ARE STARTING POINT OF DESIGN SOLUTIONS AND ARE INTENDED TO BE MODIFIED FOR APPLICATION TO PROJECT CONDITIONS.

THE DESIGNER OF RECORD SHALL REVIEW GUIDANCE DRAWINGS IN CONJUNCTION WITH OTHER CONTRACT DOCUMENTS AND SELECT APPLICABLE GUIDANCE DRAWINGS TO DEVELOP, STAMP, SIGN AND FINALIZE AS PROJECT CONTRACT DOCUMENTS.

SOUND TRANSIT MAKES THE GUIDANCE DRAWINGS AVAILABLE ON AN AS-IS BASIS AND THEY SHALL NOT BE DEEMED TO BE "DESIGN FURNISHED" BY SOUND TRANSIT.

CIVIL / TRACK / STRUCTURAL GUIDANCE DRAWINGS

APPLICABILITY OF CURRENT VERSION

SUPERSEDES AUGUST 2019 VERSION

FOR PROJECTS THAT ARE BASELINED AFTER MARCH 29, 2024

GUI-GZT001

REV:



DISCLAIMER FOR Design and Engineering Design Standards Documents

Sound Transit makes these documents available on an "as is" basis. By accepting receipt of the documents, the receiver agrees to the following:

- The documents are provided for information only;
- The receiver will not utilize the documents in any way that violates or infringes on Sound Transit's intellectual property rights in such documents;
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APPLICABILITY FOR Design and Engineering Design Standards Documents

Project teams shall refer to their executed project contracts for applicable document versions/revisions.

DRAWING INDEX

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INDEX OF DRAWINGS

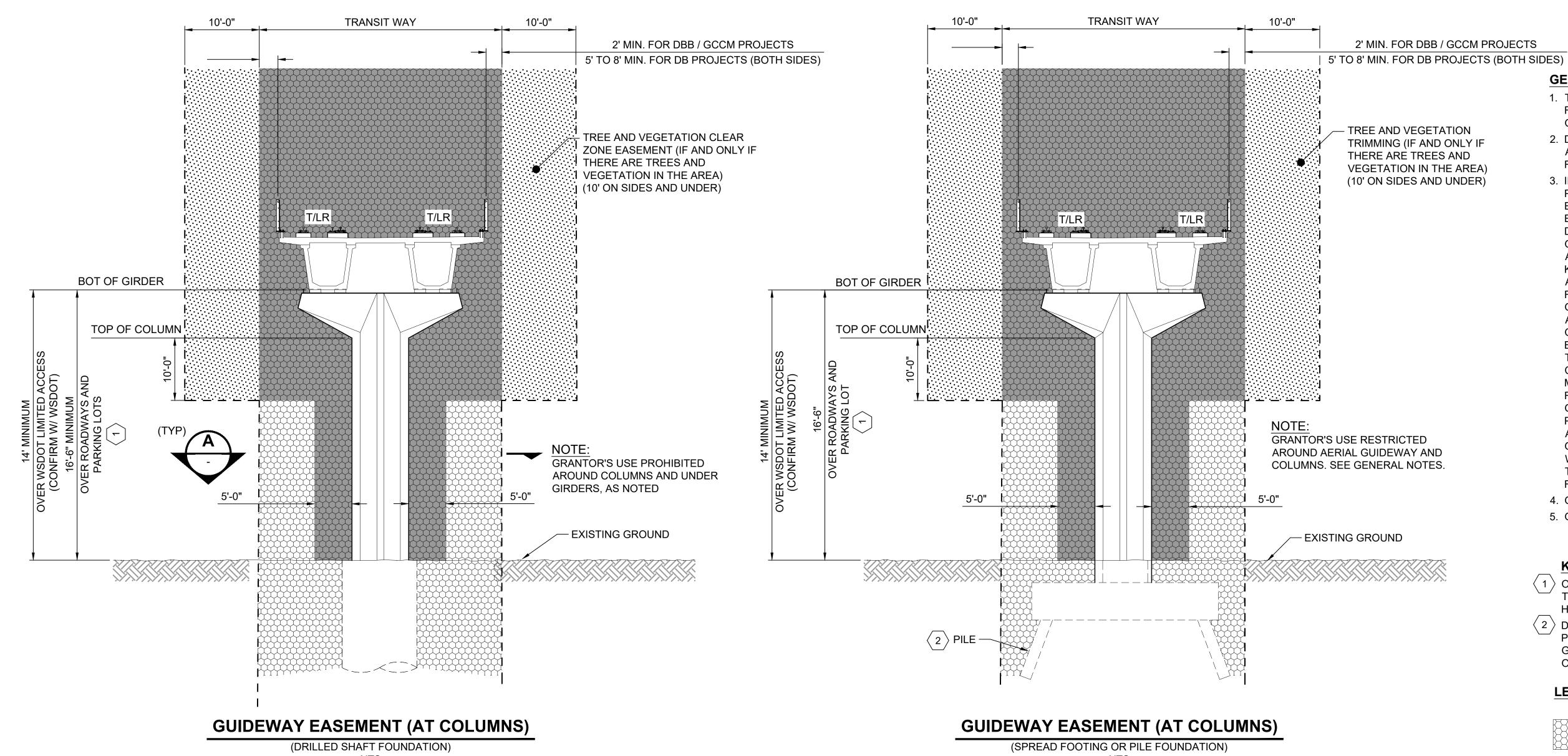
SOUND TRANSIT GUIDANCE DRAWINGS TRACKWORK

RAWING No.: **GUI-GZI001**

INDEX OF DRAWINGS

FACILITY ID:

SHEET No.:



NTS

GENERAL NOTES:

- 1. THESE SECTIONS ARE PROVIDED AS A DIRECTION FOR ESTABLISHING MINIMUM RIGHT-OF-WAY LIMITS
- 2. DIMENSIONS SHOWN ARE FOR GENERAL CONDITIONS AND SHALL BE MODIFIED WHERE ENGINEERING OR REAL ESTATE REQUIREMENTS DICTATE.
- 3. IN NO EVENT MAY GRANTOR CONSTRUCT PERMANENT STRUCTURES OR STORE FLAMMABLE, EXPLOSIVE, OR HAZARDOUS MATERIALS WITHIN THE EASEMENT AREA. IN THE EVENT GRANTEE DISCOVERS SUCH ITEMS IN THE EASEMENT AREA, GRANTEE MAY IMMEDIATELY REMOVE SUCH ITEMS AT GRANTOR'S EXPENSE. NO OBSTRUCTIONS OF ANY KIND WHATSOEVER, OTHER THAN THOSE IDENTIFIED ABOVE IN THIS SECTION 2 WILL BE ALLOWED WITHIN FIVE FEET OF THE AERIAL GUIDEWAY COLUMNS. GRANTOR MAY NOT USE THE EASEMENT AREA FOR ANY PURPOSE IN THE AREA ABOVE THE AERIAL GUIDEWAY OR THE AREA TEN FEET BELOW THE BOTTOM OF THE AERIAL GUIDEWAY GIRDERS AND TEN FEET BELOW THE TOP OF THE AERIAL GUIDEWAY COLUMN. VEHICLES CARRYING FLAMMABLE MATERIALS OTHER THAN WITHIN THE VEHICLE'S OWN FUEL TANK, MAY NOT PARK UNDER THE AERIAL GUIDEWAY. GRANTOR MAY OTHERWISE USE THE PROPERTY WITHIN THE EASEMENT AREA, SO LONG AS THE GRANTOR'S USE DOES NOT INTERFERE WITH GRANTEE'S USE OF THE EASEMENT AREA WITHOUT WRITTEN PERMISSION OF THE GRANTEE. REVIEW THE GUIDEWAY EASEMENT STANDARD TEMPLATE FOR ADDITIONAL INFORMATION.
- 4. GRANTOR PRIVATE PROPERTY OWNER OR AHJ.
- 5. GRANTEE SOUND TRANSIT

KEY NOTES:

- (1) OVERSIZE HAUL ROUTE MAY REQUIRE GREATER THAN 16'-6" DEPENDING ON THE AUTHORITY HAVING JURISDICTION.
- \langle 2 angle DESIGNER TO CONFIRM THAT FULL EXTENT OF ALL PILES AND PILE CAP MUST FALL WITHIN 2' OR GREATER OF THE TRANSIT WAY. ADJUST WIDTH OUT IF NECESSARY.

LEGEND:

GUIDEWAY EASEMENT (TRANSIT WAY / ST RIGHT-OF-WAY)



GRANTOR'S USE LIMITS



PERMANENT EASEMENT

ABBREVIATIONS:

DESIGN BUILD DESIGN BID BUILD

GENERAL CONTRACTOR CONSTRUCTION

MANAGEMENT

AUTHORITY HAVING JURISDICTION.

GUIDEWAY COLUMN SECTION	A
NTS	$\overline{}$

GRANTOR'S USE PROHIBITED

AROUND COLUMNS AND GIRDERS

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1	2/2024				2024 REVISED GUIDANCE DRAWINGS	
0	8/2019				NEW - CIVIL DIRECTIVE AND STANDARD DWGS	APPROVED BY:
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GUIDEWAY COLUMN -

SUBMITTED BY: REVIEWED BY:

5 ILENAME: GUI-REX101 CONTRACT No.: SoundTransit RTA/LR -

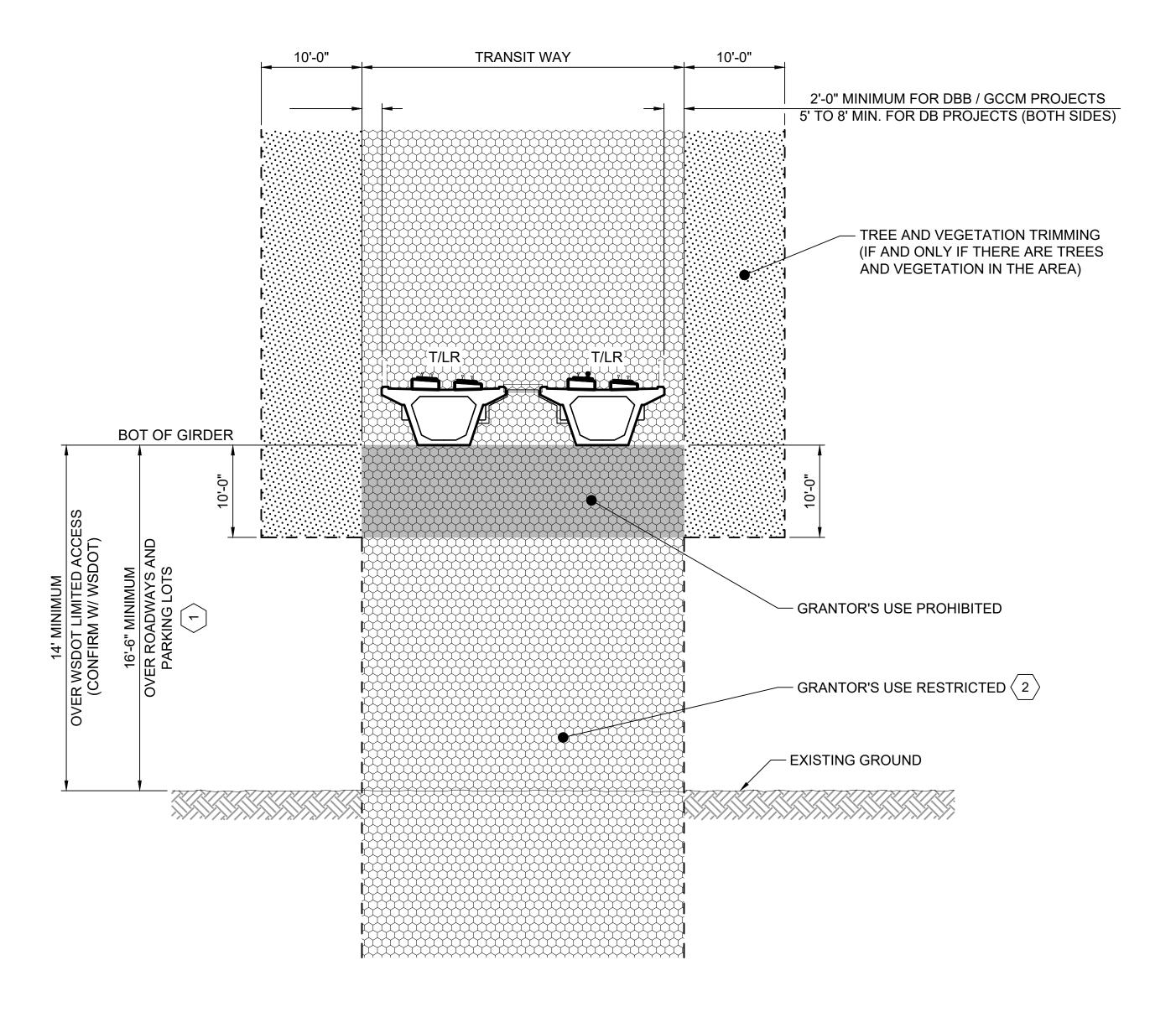
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SOUND TRANSIT GUIDANCE DRAWINGS RIGHT OF WAY

PERMANENT EASEMENTS 1 OF 6

RAWING No.: **GUI-REX101** FACILITY ID:

SHEET No.:



AERIAL GUIDEWAY EASEMENT (BETWEEN COLUMNS)

NITO

GENERAL NOTES:

- THESE SECTIONS ARE PROVIDED AS A GUIDE FOR ESTABLISHING MINIMUM RIGHT-OF-WAY LIMITS ONLY.
- 2. DIMENSIONS SHOWN ARE FOR GENERAL CONDITIONS AND SHALL BE MODIFIED WHERE ENGINEERING OR REAL ESTATE REQUIREMENTS DICTATE.
- 3. WHEN UTILITIES OR OTHER APPURTENANCES EXTEND BELOW THE GUIDEWAY, ADDITIONAL GRANTOR'S USE PROHIBITIONS MAY BE REQUIRED. COORDINATE WITH ROW ENGINEER.

KEY NOTES:

- OVERSIZE HAUL ROUTE MAY REQUIRE GREATER THAN 16.5'-0" DEPENDING ON THE AUTHORITY HAVING JURISDICTION.
- 2 IN NO EVENT MAY GRANTOR CONSTRUCT PERMANENT STRUCTURES OR STORE FLAMMABLE, EXPLOSIVE, OR HAZARDOUS MATERIALS WITHIN THE EASEMENT AREA. IN THE EVENT GRANTEE DISCOVERS SUCH ITEMS IN THE EASEMENT AREA, GRANTEE MAY IMMEDIATELY REMOVE SUCH ITEMS AT GRANTOR'S EXPENSE. NO OBSTRUCTIONS OF ANY KIND WHATSOEVER, OTHER THAN THOSE IDENTIFIED ABOVE IN THIS SECTION 2 WILL BE ALLOWED WITHIN FIVE FEET OF THE AERIAL GUIDEWAY COLUMNS. GRANTOR MAY NOT USE THE EASEMENT AREA FOR ANY PURPOSE IN THE AREA ABOVE THE AERIAL GUIDEWAY, OR THE AREA FIVE FEET BELOW THE BOTTOM OF THE AERIAL GUIDEWAY. VEHICLES CARRYING FLAMMABLE MATERIALS OTHER THAN WITHIN THE VEHICLE'S OWN FUEL TANK, MAY NOT PARK UNDER THE AERIAL GUIDEWAY. GRANTOR MAY OTHERWISE USE THE PROPERTY WITHIN THE EASEMENT AREA, SO LONG AS THE GRANTOR'S USE DOES NOT INTERFERE WITH GRANTEE'S USE OF THE EASEMENT AREA WITHOUT WRITTEN PERMISSION OF THE GRANTEE.

LEGEND:

GUIDEWAY EASEMENT (TRANSIT WAY / ST RIGHT-OF-WAY)

GRANTOR'S USE LIMITS

PERMANENT EASEMENT

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				LINE IS 1" AT FULL SCALE	So
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SOUND TRANSIT GUIDANCE DRAWINGS RIGHT OF WAY

PERMANENT EASEMENTS 2 OF 6

DRAWING No.:
GUI-REX102
FACILITY ID:

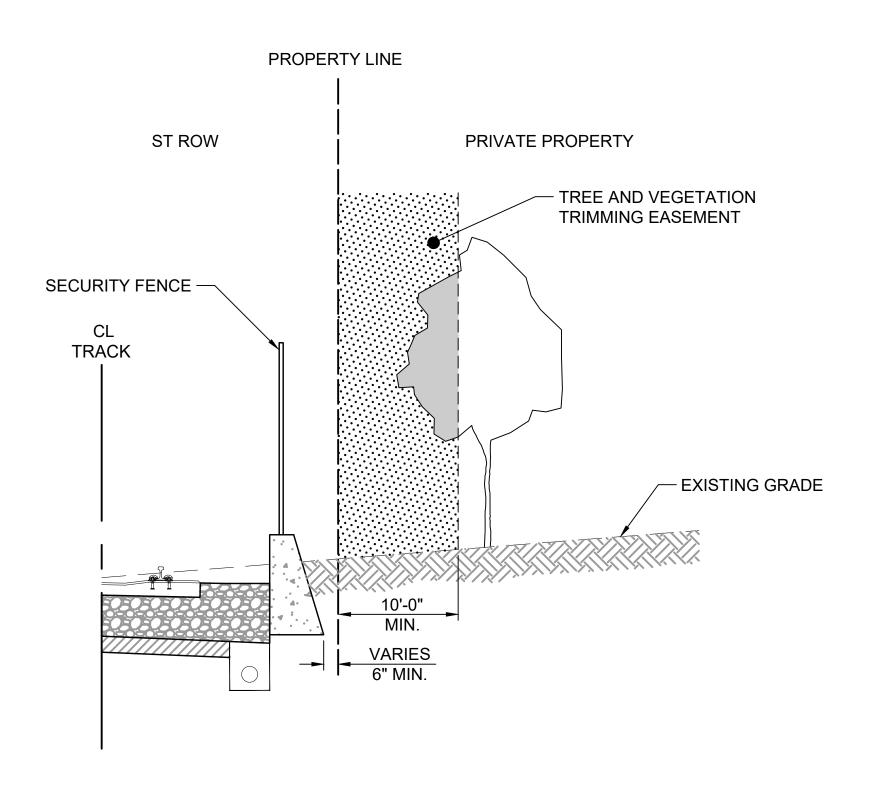
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- THIS SECTION IS PROVIDED AS A GUIDE FOR ESTABLISHING MINIMUM RIGHT -OF-WAY LIMITS ONLY.
- 2. DIMENSIONS SHOWN ARE FOR GENERAL CONDITIONS AND SHALL BE MODIFIED WHERE ENGINEERING OR REAL ESTATE REQUIREMENTS DICTATE.

LEGEND:



PERMANENT EASEMENT



TREE AND VEGETATION TRIMMING EASEMENT

(FEE TAKE / AT GRADE)

NTS

SECURITY FENCE

CL
TRACK

VARIES

VARIES

VARIES

VARIES

1 2-0"
MIN.

FILL SLOPE EASEMENT

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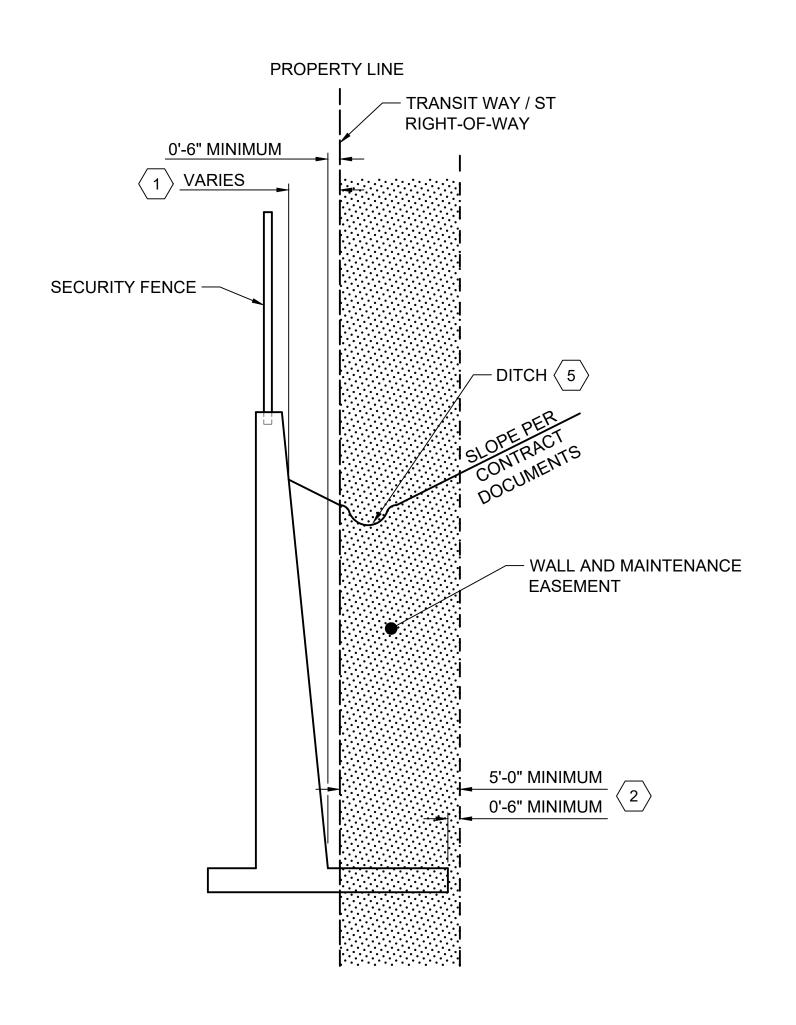
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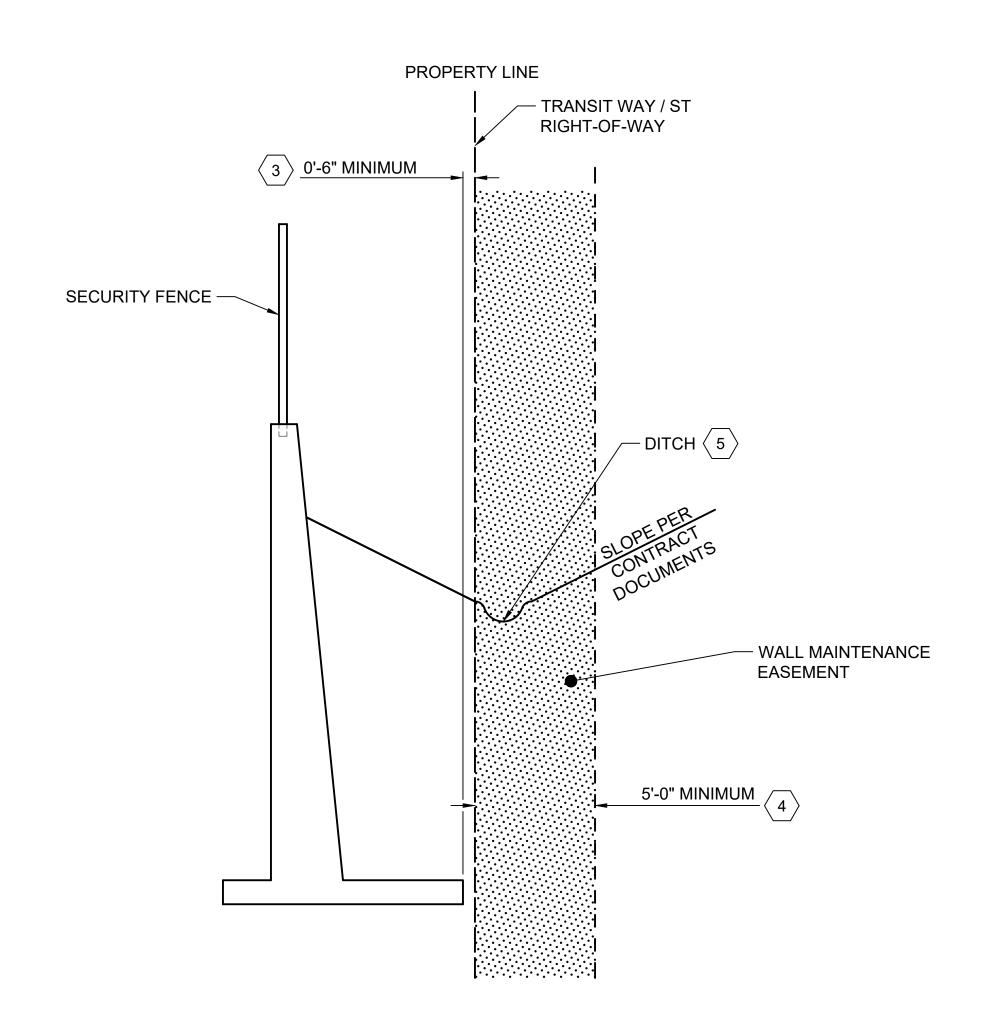
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DRAWING No.:
GUI-REX103
FACILITY ID:

PERMANENT EASEMENTS 3 OF 6 SHEET No.: REV:



WALL MAINTENANCE EASMENT (NON-GUIDEWAY / RESIDENTIAL) NTS



WALL MAINTENANCE EASEMENT

(GUIDEWAY / COMMERCIAL) NTS

GENERAL NOTES:

- THESE SECTIONS ARE PROVIDED AS A GUIDE FOR ESTABLISHING MINIMUM RIGHT-OF-WAY LIMITS ONLY.
- 2. DIMENSIONS SHOWN ARE FOR GENERAL CONDITIONS AND SHALL BE MODIFIED WHERE ENGINEERING OR REAL ESTATE REQUIREMENTS DICTATE.

KEY NOTES:

- 1 FOR DBB/ GCCM PROJECTS, ROW LIMIT SHALL START AT THE GREATER OF:
 - 2'-0" MINIMUM FROM FURTHEST EXPOSED POINT OF THE WALL

0'-6" MINIMUM BEYOND THE FURTHEST POINT OF THE WALL.
 FOR DB PROJECTS, ROW LIMIT SHALL START AT THE GREATER OF:

- 5' TO 8' MINIMUM FROM FURTHEST EXPOSED POINT OF THE WALL.
- 0'-6" MINIMUM BEYOND THE FURTHEST POINT OF THE WALL.
- (2) EASEMENT SHALL EXTEND THE GREATER OF:
 - 5'-0" MINIMUM FROM THE ST ROW LIMIT
 - 0'-6" MINIMUM BEYOND THE FURTHEST EDGE OF THE FOOTING
- $\langle 3 \rangle$ ROW LIMIT SHALL START AT:
 - 0'-6" MINIMUM BEYOND THE FURTHEST EDGE OF THE FOOTING
- $\langle 4 \rangle$ EASEMENT SHALL EXTEND:
 - 5'-0" MINIMUM FROM THE ROW LIMIT
- $\left\langle 5\right\rangle$ DITCH TO BE LOCATED IN THE EASEMENT AREA

LEGEND:



PERMANENT EASEMENT

						DESIGNED BY:	
						DRAWN BY:	
						CHECKED BY:	
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No.	DATE	DSN	CHK	APP	REVISION		

			LINE IS 1" AT
MITTED BY:	DATE:	REVIEWED BY:	

SOUNDTRANSIT

CONTRAC
RTA/LR

SCALE:
NTS
FILENAME:
GUI-REX104
CONTRACT No.:
RTA/LR -

SOUND TRANSIT GUIDANCE DRAWINGS RIGHT OF WAY

PERMANENT EASEMENTS 4 OF 6 GUI-REX104

SHEET No.:

FACILITY ID:

HEET No.: RE'

- THESE SECTIONS ARE PROVIDED AS A GUIDE FOR ESTABLISHING MINIMUM RIGHT-OF-WAY LIMITS ONLY.
- 2. DIMENSIONS SHOWN ARE FOR GENERAL CONDITIONS AND SHALL BE MODIFIED WHERE ENGINEERING OR REAL ESTATE REQUIREMENTS DICTATE.
- 3. DESIGNERS TO OBTAIN PERMISSION FROM AHJ BEFORE FINALIZING DESIGN.

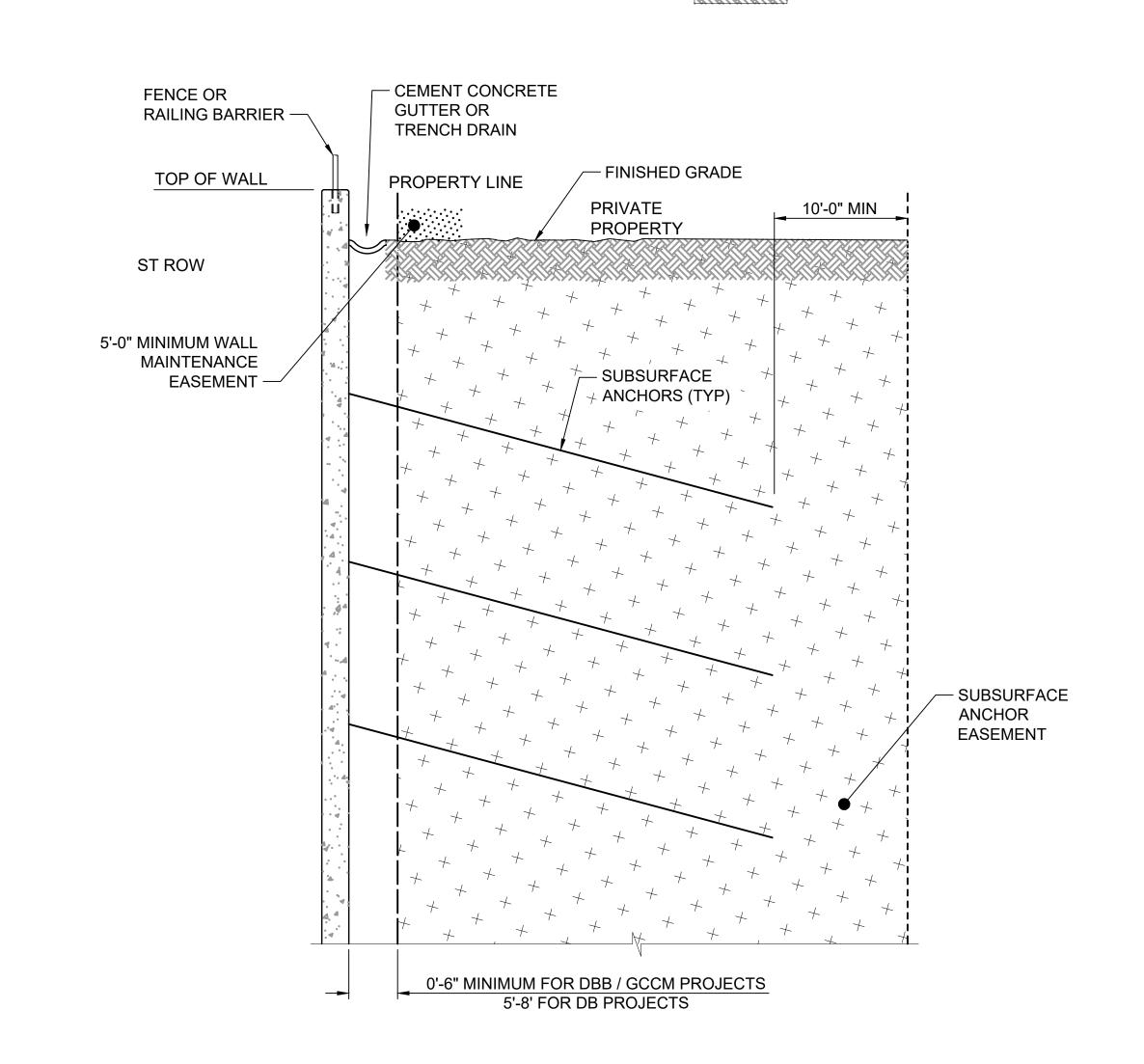
LEGEND:



PERMANENT EASEMENT



FINISHED GRADE



SUBSURFACE ANCHORS EASEMENT

						DESIGNED BY:
						DRAWN BY:
						CHECKED BY:
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0'-6" MINIMUM FOR DBB / GCCM PROJECTS

5'-8' FOR DB PROJECTS

ST ROW

MSE WALL EASEMENT

FENCE OR RAILING

PROPERTY LINE —

FINISHED GRADE -

BARRIER -

MITTED BY:	DATE:	REVIEWED BY:

- GROUND IMPROVEMENT. ST ROW TO

PROVIDE ADDITIONAL REQUIREMENTS IF GROUND IMPROVEMENT OR BENCH AND SLOPE SUPPORTING MSE WALL EXISTS

— PROPERTY LINE

REINFORCEMENT

— 5'-0" MINIMUM WALL MAINTENANCE EASEMENT

PRIVATE PROPERTY

SoundTransit
DATE

	SCALE:
	NTS
	FILENAME:
	GUI-REX105
it l	CONTRACT No.:
	RTA/LR -
	DATE:

2/2024

SOUND TRANSIT GUIDANCE DRAWINGS RIGHT OF WAY PERMANENT EASEMENTS 5 OF 6 GUI-REX105
FACILITY ID:

SHEET No.: REV:

TUNNEL EASEMENT

DRAWING No.: **SOUND TRANSIT GUI-REX106 GUIDANCE DRAWINGS** RIGHT OF WAY FACILITY ID: PERMANENT EASEMENTS

1. THIS SECTION IS PROVIDED AS A GUIDE FOR ESTABLISHING MINIMUM RIGHT-OF-WAY LIMITS ONLY.

GENERAL NOTES:

2. DIMENSIONS SHOWN ARE FOR GENERAL CONDITIONS AND SHALL BE MODIFIED WHERE ENGINEERING OR REAL ESTATE REQUIREMENTS DICTATE.

3. FOR STATION BOXES, CLEARANCES VARY. SEE ROW ENGINEER.

LEGEND:

- TUNNEL EASEMENT

PERMANENT EASEMENT

2024 REVISED GUIDANCE DRAWINGS

NEW - CIVIL DIRECTIVE AND STANDARD DWGS

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DESIGNED BY:

CHECKED BY:

APPROVED BY:

DRAWN BY:

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GUI-REX106

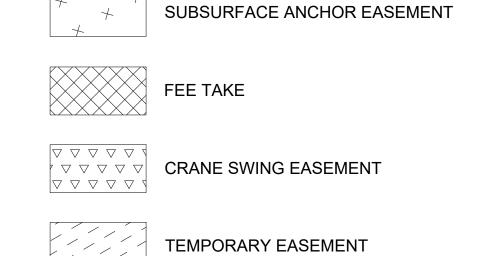
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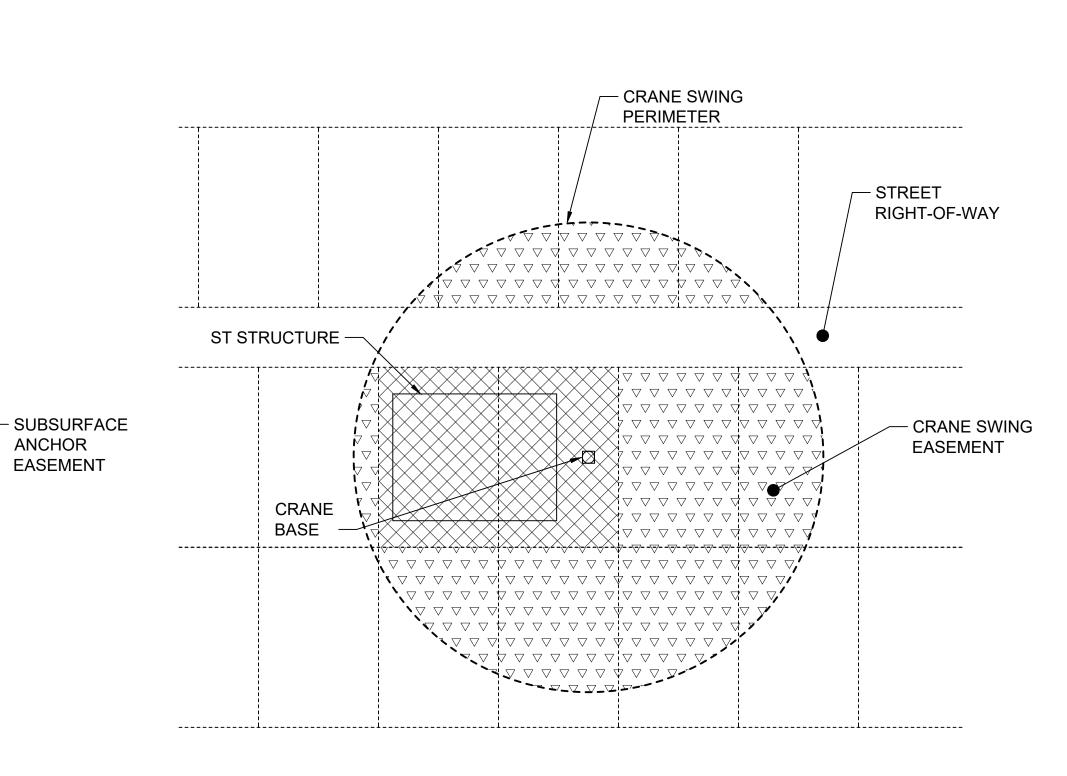
- THESE SECTIONS ARE PROVIDED AS A GUIDE FOR ESTABLISHING MINIMUM RIGHT-OF-WAY LIMITS ONLY.
- 2. DIMENSIONS SHOWN ARE FOR GENERAL CONDITIONS AND SHALL BE MODIFIED WHERE ENGINEERING OR REAL ESTATE REQUIREMENTS DICTATE.
- 3. DESIGNER TO OBTAIN PERMISSION FROM AHJ BEFORE FINALIZING DESIGN.

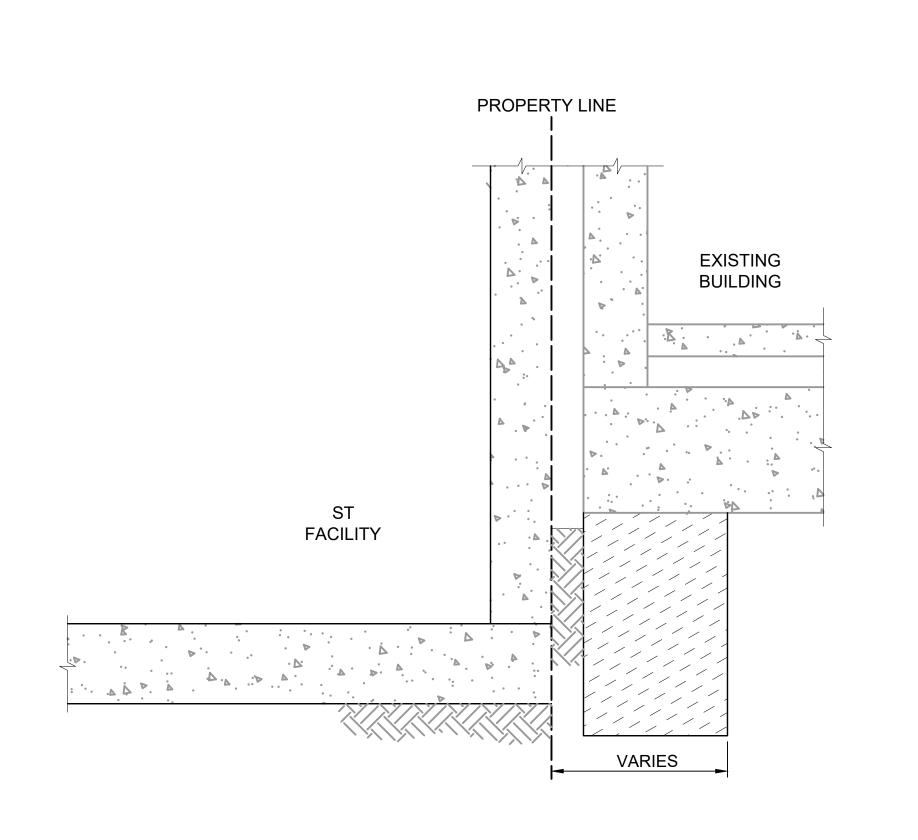
KEY NOTES:

1 ANCHORS CAN BE SEMI-PERMANENT FOR THE CITY OF SEATTLE REQUIREMENT

LEGEND:







SUBSURFACE
ANCHORS (TYP)

ANCHORS (T

— FINISHED GRADE

PRIVATE

PROPERTY

10'-0" MIN

- CEMENT CONCRETE

GUTTER OR

PROPERTY

LINE

TRENCH DRAIN

FENCE OR

RAILING BARRIER —

TOP OF WALL

ST ROW

SUBSURFACE ANCHORS EASEMENT

TEMPORARY CRANE SWING EASEMENT

NITS

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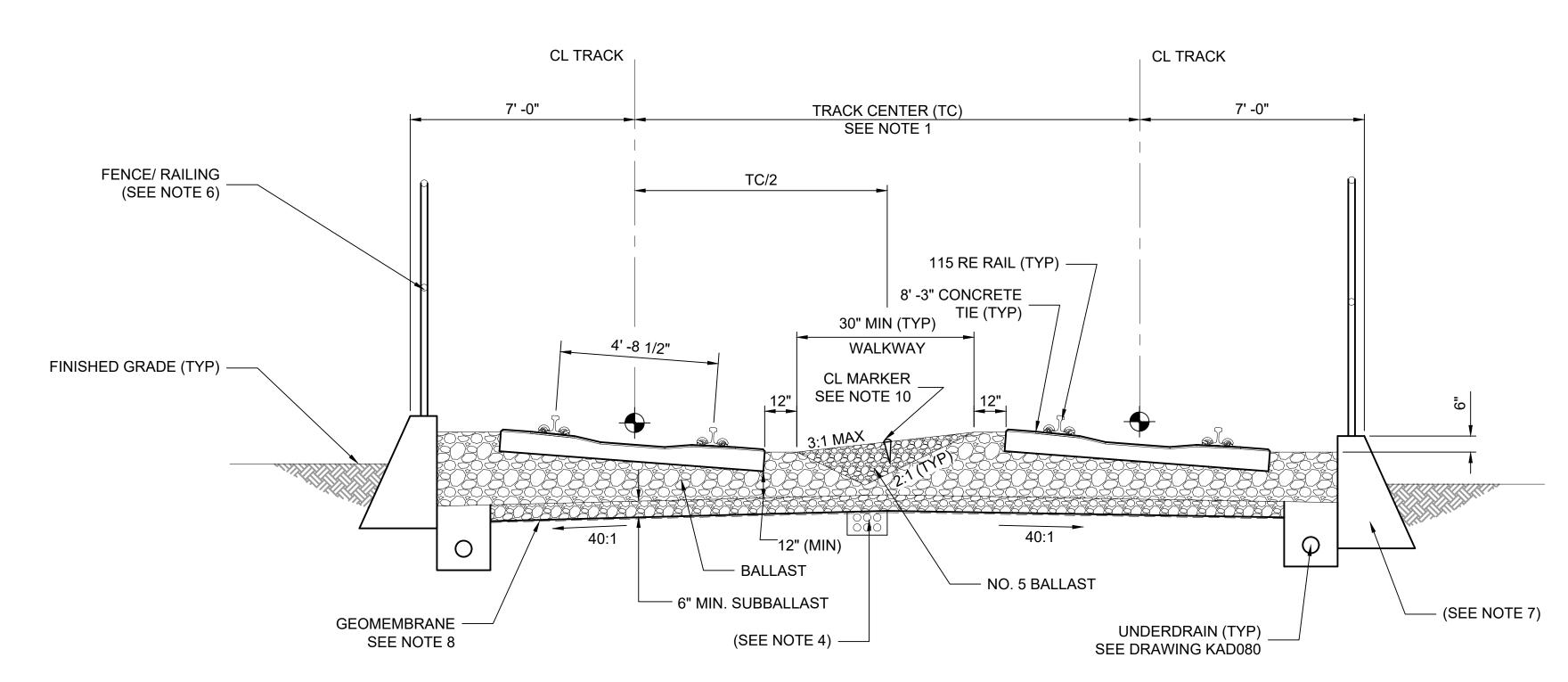
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SOUND TRANSIT
GUIDANCE DRAWINGS
RIGHT OF WAY
TEMPORARY EASEMENTS

DRAWING No.:
GUI-REX201
FACILITY ID:

ABBREVIATIO	ONS	SYMBOLS	GENERAL NOTES
HORIZONTAL ALIGNMENT	MISCELLANEOUS	LEFT HAND CURVE	1. FOR GENERAL CIVIL NOTES SEE GUI-CZN011.
D AHEAD BACK	APPROX APPROXIMATE A/R AS REQUIRED		 STATIONS GIVEN FOR INSULATED JOINTS ARE TO THE CENTER OF A PAIR OF JOINTS, UNLESS NOTED
BACK	AREMA AMERICAN RAILWAY ENGINEERING AND MAINTENANCE-OF-WAY ASSOCIATION	→ \ RIGHT HAND CURVE	OTHERWISE. SEE TRACK CHARTS FOR LOCATIONS
CENTER OF CIRCULAR CURVE POINT OF CHANGE FROM CIRCULAR CURVE TO SPIRAL	BEG BEGINNING B.M. BENCH MARK	POINT OF SWITCH	
DEGREE OF CIRCULAR CURVE, ARC DEFINITION	BRG BEARING	TURNOUT SHOWING PITO	
TANGENT DISTANCE FROM TS OR ST TO PC OR PT OF THE EXTENDED CIRCULAR CURVE OF A SPIRALIZED CURVE	CL CENTERLINE	SINGLE CROSSOVER	
RADIAL DISTANCE FROM PI TO SPIRALIZED CURVE	CLR CLEAR, CLEARANCE CONC CONCRETE	DOUBLE CROSSOVER	
TOTAL LENGTH OF CIRCULAR CURVE TOTAL LENGTH OF SPIRAL LENGTH OF COMPOUND SPIRAL (FROM CS1 TO SC2)	CWR CONTINUOUS WELDED RAIL DIA DIAMETER		
SUFFIX (1) AT THE SYMBOL DENOTES THE DATA FOR THE FIRST SPIRAL IN AN UNSYMMETRICAL SPIRALIZED CURVE	DIA DIAMETER DF DIRECT FIXIATION DOR DESIGNER OF RECORD	TRACK CROSSING (CIRCLE AT PI OF CENTERLINES)	
SUFFIX (2) SAME AS ABOVE - SECOND SPIRAL TOTAL LENGTH OF COMPOUND SPIRAL (FROM SPO TO SC) LONG TANGENT OF SPIRAL	DWG DRAWING	BUMPING POST	
OFFSET FROM THE TANGENT TO THE PC OR PT OF THE EXTENDED CIRCULAR	E EAST EA EACH	———— DERAIL - POINT TOWARD TRAFFIC	
CURVE OF A SPIRALIZED CURVE (THROW) POINT OF CHANGE FROM TANGENT TO CIRCULAR CURVE POINT OF COMPOUND CIRCULAR CURVATURE	EL ELEVATION EQ EQUAL FOR EMERCENCY CHARD BAIL	TO BE DERAILED	
POINT OF COMPOUND CIRCULAR CURVATURE POINT OF FROG POINT OF INTERSECTION OF TWO TANGENTS POINT OF INTERSEPTION OF MAIN TANGENT WITH TANGENT THROUGH SC OR CS POINT	EGR EMERGENCY GUARD RAIL FT FEET OR FOOT	△ PI, PVI	
POINT OF INTERSEPTION OF MAIN TANGENT WITH TANGENT THROUGH SC OR CS POINT O POINT OF INTERSECTION OF TURNOUT B POINT OF BEGINNING	GALV GALVANIZED	NB 1002 CURVE NUMBER	
POINT OF BEGINNING POINT ON CIRCULAR CURVE POINT OF ENDING	GP GALVANIZED GP GAUGE PLATE G/R PL GUARD RAIL PLATE		
POINT ON SPIRAL POINT ON TANGENT	HS HEEL OF SWITCH	S 20 TURNOUT NUMBER / STREET / NAME /	
POINT OF REVERSE CIRCULAR CURVES POINT OF REVERSE SPIRAL POINT OF SWITCH	HOF HEEL OF FROG	GRADE CROSSING ROAD	
POINT OF CHANGE FROM CIRCULAR CURVE TO TANGENT	ID INSIDE DIAMETER IJ INSULATED JOINT INV INVERT	STATION PLATFORM	
RADIUS OF CIRCULAR CURVE POINT OF CHANGE FROM SPIRAL TO CIRCULAR CURVE	JT JOINT	ROAD, RAILROAD, OR OTHER	
POINT OF CHANGE FROM FIRST SPIRAL TO FIRST CIRCULAR CURVE POINT OF CHANGE FROM COMPOUND SPIRAL TO SECOND CIRCULAR CURVE POINT OF CHANGE FROM ONE SPIRAL TO ANOTHER	L LEFT		
POINT OF CHANGE FROM ONE SPIRAL TO ANOTHER POINT OF CHANGE FROM SPIRAL TO TANGENT SHORT TANGENT OF SPIRAL	LB POUND LH LEFT HAND	LEFT OR RIGHT RAIL	
TANGENT DISTANCE FROM PC OR PT TO PI	MAX MAXIMUM MIN MINIMUM	——— NON INSULATED BOLTED RAIL JOINT	
POINT OF CHANGE FROM TANGENT TO SPIRAL TANGENT DISTANCE FROM TS OR ST TO PI	MON MONUMENT MSL MEAN SEA LEVEL	\ \ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
DESIGN VELOCITY IN MILES PER HOUR TANGENT DISTANCE EROM TS TO SC OR ST TO CS	N NORTH	WHEEL DETECTOR BLOCKOUT	
TANGENT DISTANCE FROM TS TO SC OR ST TO CS TANGENT OFFSET AT SC OR CS	NIC NOT IN CONTRACT No. NUMBER	▲ WELDED JOINT	
TOTAL CENTRAL ANGLE OF SPIRAL AND CIRCULAR CURVES	NTS NOT TO SCALE	STATION EQUATION	
CENTRAL ANGLE OF CIRCULAR CURVE SUFFIX (1) AT THE SYMBOL DENOTES DATA FOR THE FIRST CIRCULAR CURVE OF A COMPOUND CURVE	OC ON CENTER OD OUTSIDE DIAMETER		
SUFFIX (2) SAME AS ABOVE - SECOND CIRCULAR CURVE	PF POINT OF FROG	RAIL ANCHOR ASSEMBLY	
CENTRAL ANGLE OF SPIRAL OR SPIRAL ANGLE	PGL PROFILE GRADE LINE PO POWER OPERATED	STANDARD RAIL	
	R RADIUS, RIGHT	EMERGENCY GUARDRAIL	
	REF REFERENCE REINF REINFORCE, REINFORCING, REINFORCEMENT	LIVILINGLING I GUANDINAIL	
VERTICAL ALIGNMENT	REQD REQUIRED RH RIGHT HAND	HIGH STRENGTH RAIL	
ELEVATION	S SOUTH	DESTRAINING DAIL INCIDE DAIL	
ACTUAL TRACK SUPERELEVATION IN INCHES UNBALANCED TRACK SUPERELEVATION IN INCHES PT HIGH POINT	STA STATION STD STANDARD SW SWITCH	RESTRAINING RAIL - INSIDE RAIL	
C LENGTH OF VERTICAL CURVE (PVC TO PVT) T LOW POINT	SS SPRING SWITCH	RESTRAINING RAIL - BOTH RAILS	
MIDDLE ORDINATE OVC POINT ON VERTICAL CURVE	T/F TOE OF FROG T/G TOP OF GROUNDLINE	DECLIPATION DATE	
VT POINT ON VERTICAL TANGENT C POINT OF VERTICAL CURVE	TO TURNOUT T/P TOP OF PAVEMENT	PRECURVED RAIL	
CC POINT OF VERTICAL COMPOUND CURVE POINT OF VERTICAL INTERSECTION OF TWO VERTICAL TANGENTS RC POINT OF REVERSE VERTICAL CURVE	TOR TOP OF RAIL TRK TRACK	STANDARD RAIL	
FOINT OF VERTICAL TANGENT	TYP TYPICAL		
VERTICAL CURVE	UIC UNION INTERNATIONALE DES CHEMINS DE FER (INTERNATIONAL UNION OF RAILWAYS CODE)		
	VAR VARIABLE VERT VERTICAL		
	W/ WITH		
	W/O WITHOUT WP WORK POINT		
	X-ING CROSSING		
	X-OVER CROSSOVER		
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8/2019 REVISED - CIVIL DIRECTIVE AND STANDARD DWGS		• • •	

TANGENT DOUBLE TRACK

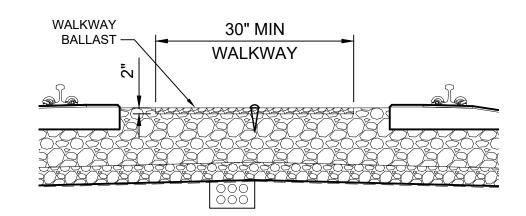


SUPERELEVATED BALLASTED TRACK SECTION

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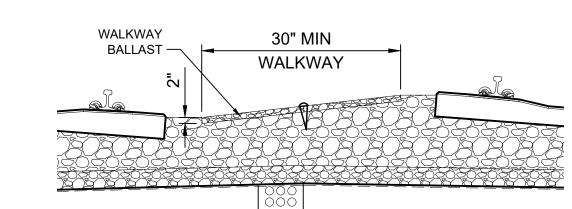
GENERAL NOTES:

- 1. SEE DRAWING GUI-KAX061 FOR TRACK CENTER SPACING REQUIREMENTS.
- 2. AT DESIGNATED WALKWAY, WALKWAY BALLAST SHALL BE PLACED MINIMUM OF 12" FROM END OF CONCRETE TIE.
- 3. 12" BALLAST SHOULDER MINIMUM.
- 4. DUCTBANK/ CONDUIT LOCATION VARIES. SEE STANDARD SYSTEM PLANS AND CONTRACT DRAWINGS FOR DETAILS.
- 5. FOR CONCRETE TIE DETAILS SEE STD-KAD050.
- 6. FOR FENCE AND RAILING SEE CONTRACT DRAWING FOR TYPE AND HEIGHT.
- 7. FOR BALLAST CURB AND WALLS DETAILS SEE STANDARD PLANS AND CONTRACT DRAWINGS.
- 8. SEE CONTRACT DRAWINGS FOR LIMITS OF GEOMEMBRANE.
- 9. FOR WALKWAY AND CROSSING DETAILS SEE GUIDANCE DRAWING STD-KAD066 AND STD-KAD070.
- 10. YELLOW CENTERLINE WALKWAY MARKER EQUALLY SPACED BETWEEN OCS POLES. MAXIMUM SPACING IS 50 FEET BETWEEN MARKERS.
- 11.NO. 5 BALLAST IS REQUIRED WITHIN THE LIMITS OF WALKWAY. WHERE NO WALKWAY IS PRESENT, USE NO. 4 BALLAST.



ALTERNATE TANGENT DOUBLE TRACK WALKWAY

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ALTERNATE SUPERELEVATED BALLASTED TRACK SECTION

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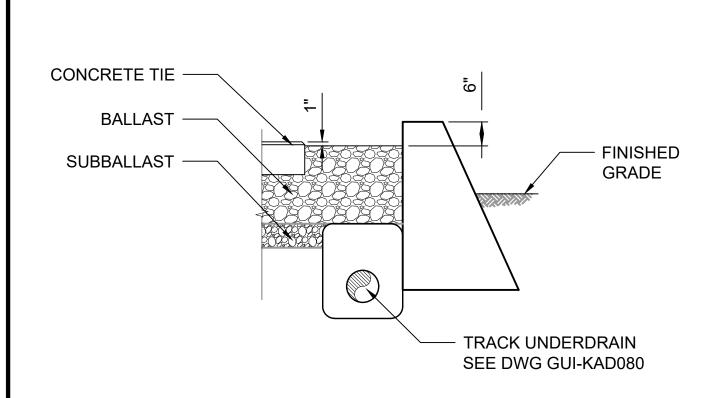
LIGHT RAIL GUIDEWAY SECTION

DESIGNED BY: RAWING No.: **SOUND TRANSIT GUI-KAX061 GUIDANCE DRAWINGS** FILENAME: DRAWN BY: TRACKWORK GUI-KAX061 FACILITY ID: 2/2024 2024 REVISED GUIDANCE DRAWINGS CHECKED BY: SoundTransit CONTRACT No.: TYPICAL GUIDEWAY SECTIONS 8/2019 REVISED - CIVIL DIRECTIVE AND STANDARD DWGS SHEET No.: APPROVED BY: NEW - CIVIL DIRECTIVE AND STANDARD DWGS SUBMITTED BY: 6/2013 REVIEWED BY: 2/2024

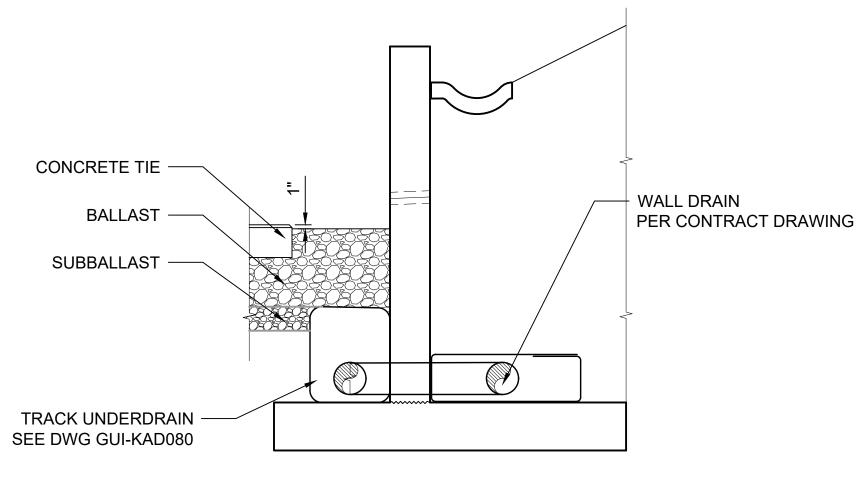
GENERAL NOTES:

- THE TYPICAL MAINLINE TRACK SPACING IS 15'-9". TRACK SPACING MAY VARY DEPENDING UPON PROJECT SPECIFIC CONDITIONS. THE DESIGNER OF RECORD SHALL DEMONSTRATE THE FOLLOWING MINIMUM CONDITIONS ARE MET.
 - THE MAINTENANCE WALKWAY AND OBSTRUCTIONS SHALL NOT INTRUDE INTO THE CLEARANCE ENVELOPE.
 - THE MINIMUM DIMENSION BETWEEN LRV CLEARANCE ENVELOPES, AS MEASURED AT 80" ABOVE THE FINISHED SURFACE, SHALL BE 56 INCHES.
- 2. TYPICAL SECTION DIMENSION AND CLEARANCE REQUIREMENTS APPLY TO ALL TRACK TYPES: BALLASTED, EMBEDDED AND DIRECT FIXATION.
- 3. EMERGENCY EGRESS LOCATION SHALL COINCIDE WITH THE MAINTENANCE WALKWAY. THE MAINTENANCE WALKWAY MUST MEET THE MINIMUM REQUIREMENTS FOR EMERGENCY EGRESS AS DEFINED IN THE SOUND TRANSIT REQUIREMENTS MANUAL.

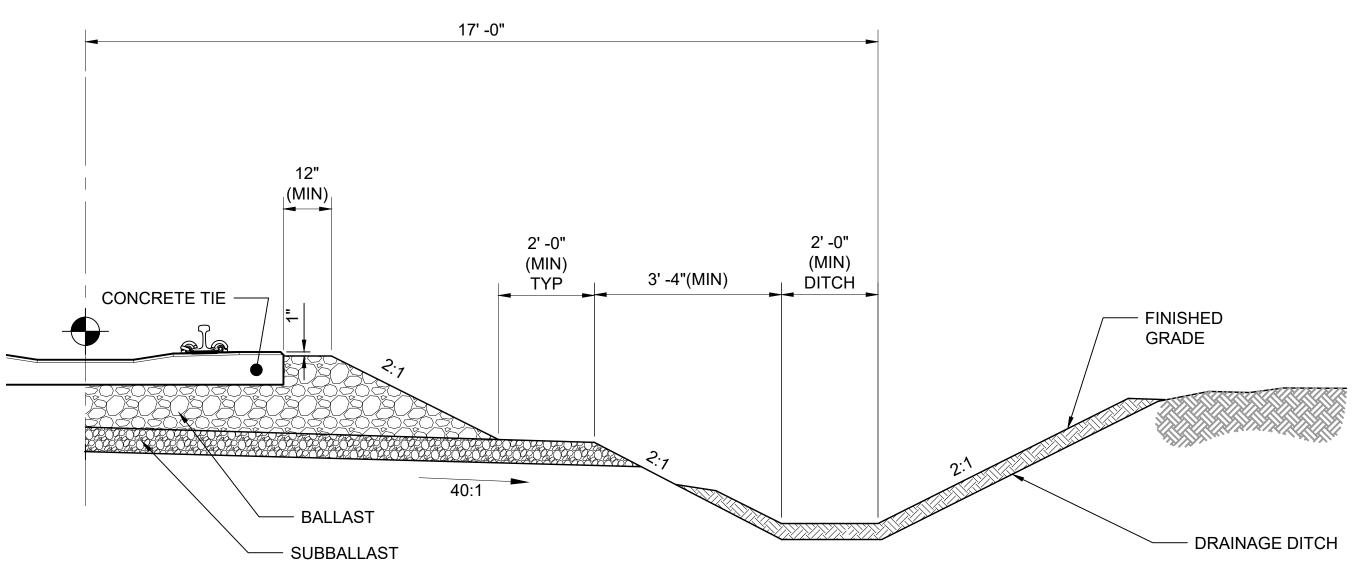
- SEE CONTRACT DRAWINGS FOR WALL TYPE, LOCATION, AND DETAILS.
- 2. THE FIRST LAYER OF MSE SOIL REINFORCEMENT SHALL BE PLACED BELOW THE TRACK DRAINAGE.



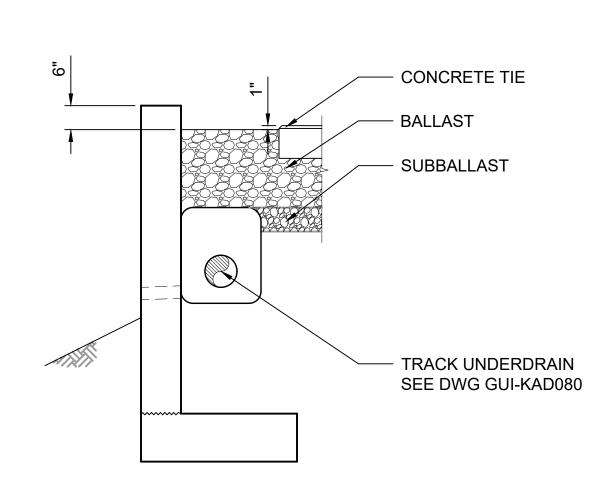




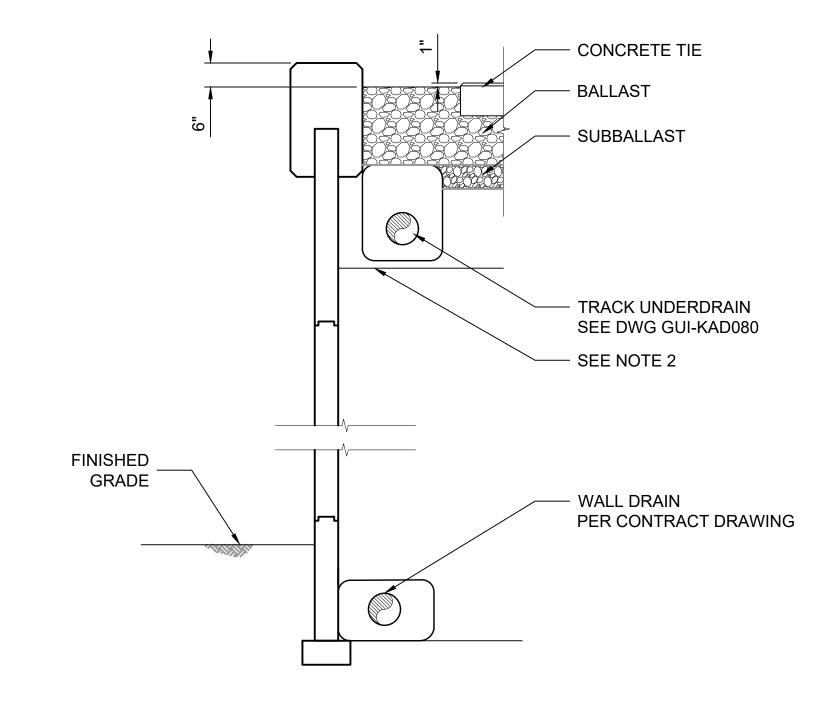




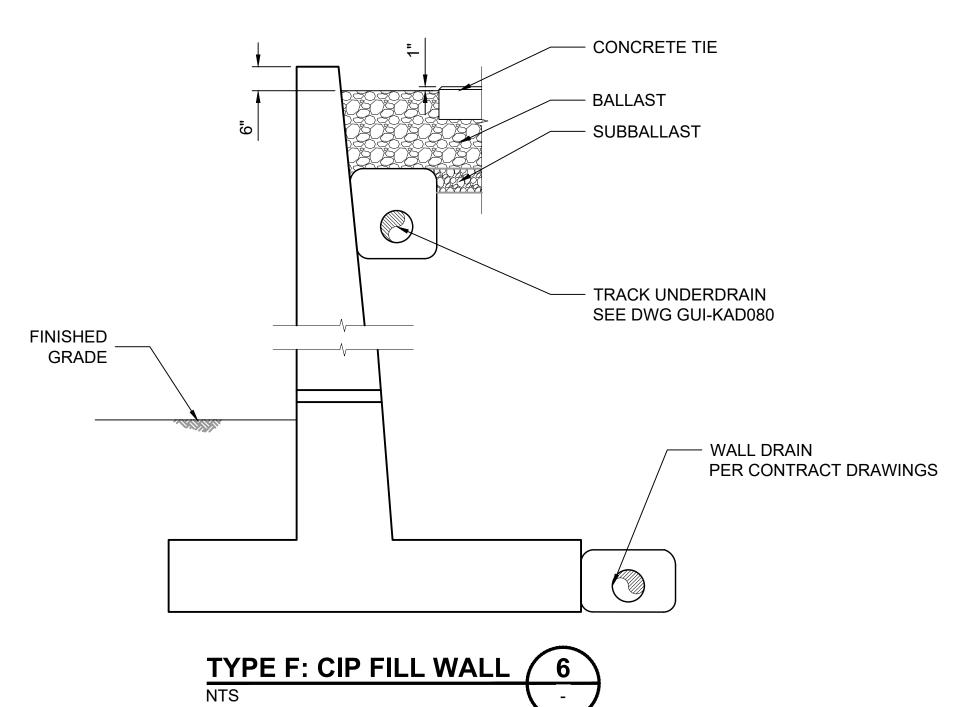








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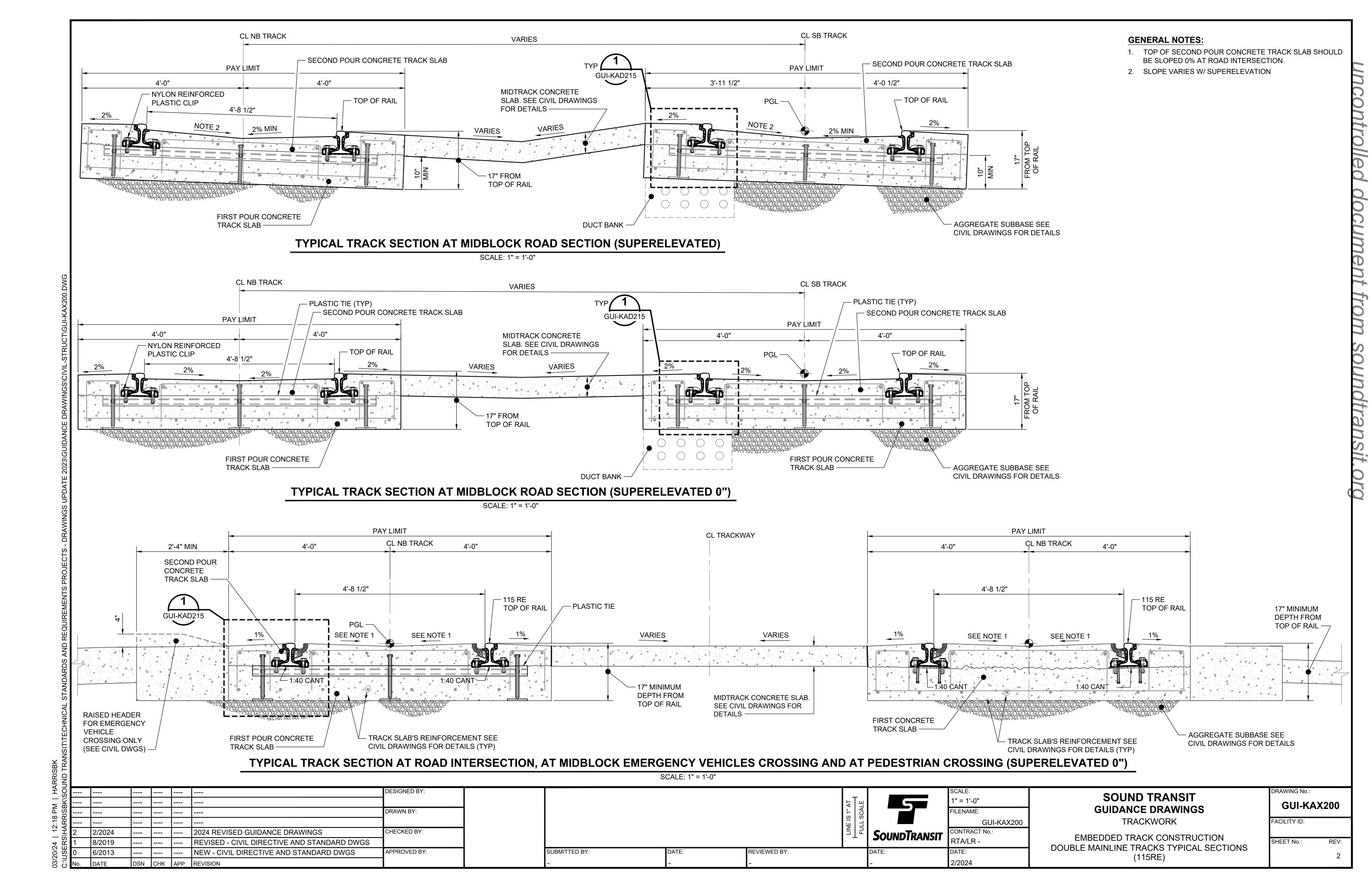
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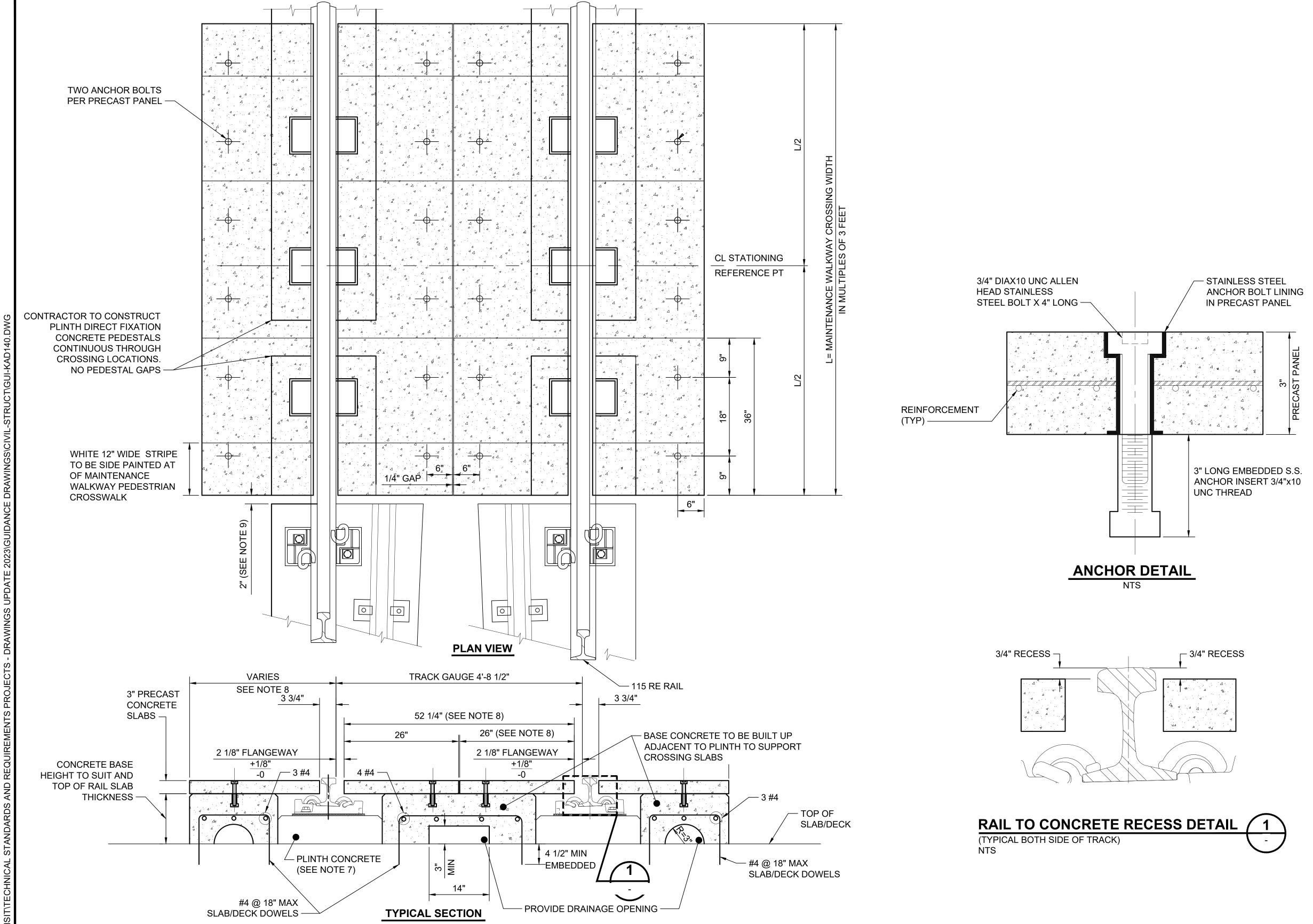
2/2024

SOUND TRANSIT
GUIDANCE DRAWINGS
TRACKWORK

GUIDANCE DRAWINGS	
TRACKWORK	FACILITY ID:
BALLASTED TRACK	
TYPICAL SECTION DETAILS	SHEET No.:
ITPICAL SECTION DETAILS	







- 1. FASTENER SPACING 30" ON TANGENT STATION TRACK.
- 2. PLINTH CONCRETE SHALL BE PLACED IN SEGMENTS. SEGMENTS SHALL BE 4, 5 OR 6 FASTENER LENGTHS.
- 3. PLINTH SHALL NOT OVERLAP ANY STRUCTURAL JOINTS.
- OTHER GAPS IN PLINTH SHALL BE LOCATED AS REQUIRED FOR STRUCTURAL JOINTS, DRAINAGE AND PASSAGE OF SIGNAL OR OTHER CABLES.
- 5. PLINTH GAPS SHALL NOT BE LOCATED WITHIN THE MAINTENANCE WALKWAY PEDESTRIAN CROSSING LOCATION.
- 6. PRECAST CONCRETE PANELS SHALL BE DESIGNED BY THE CONTRACTOR (UNIFORM LL=100PSF). SURFACE FINISH SHALL MATCH FINISH AND COLOR OF STATION WALKWAY AREA.
- 7. SEE DIRECT FIXATION TRACK INSTALLATION DRAWING STD-KAD120 TO STD-KAD128.
- 8. CENTER PANEL SURFACE AREA VARIES DEPENDING ON INSTALLATION OF RESTRAINING RAILS BETWEEN RUNNING RAILS. FIELD PANEL SURFACE AREA VARIES DEPENDING ON LOCATION OF MAINTENANCE WALKWAY PEDESTRIAN CROSSING INSTALLATION BETWEEN TRACKS. FOR LOCATION AND LIMITS OF MAINTENANCE WALKWAY PEDESTRIAN CROSSING INSTALLATION SEE TRACK CHART DRAWINGS.
- EMERGENCY GAURD RAIL MUST BE INTERRUPTED 2" FROM THE ENDS OF THE PEDESTRIAN CROSSING PANEL.

MAINTENANCE WALKWAY PEDESTRIAN CROSSING AT DIRECT FIXATION TRACK

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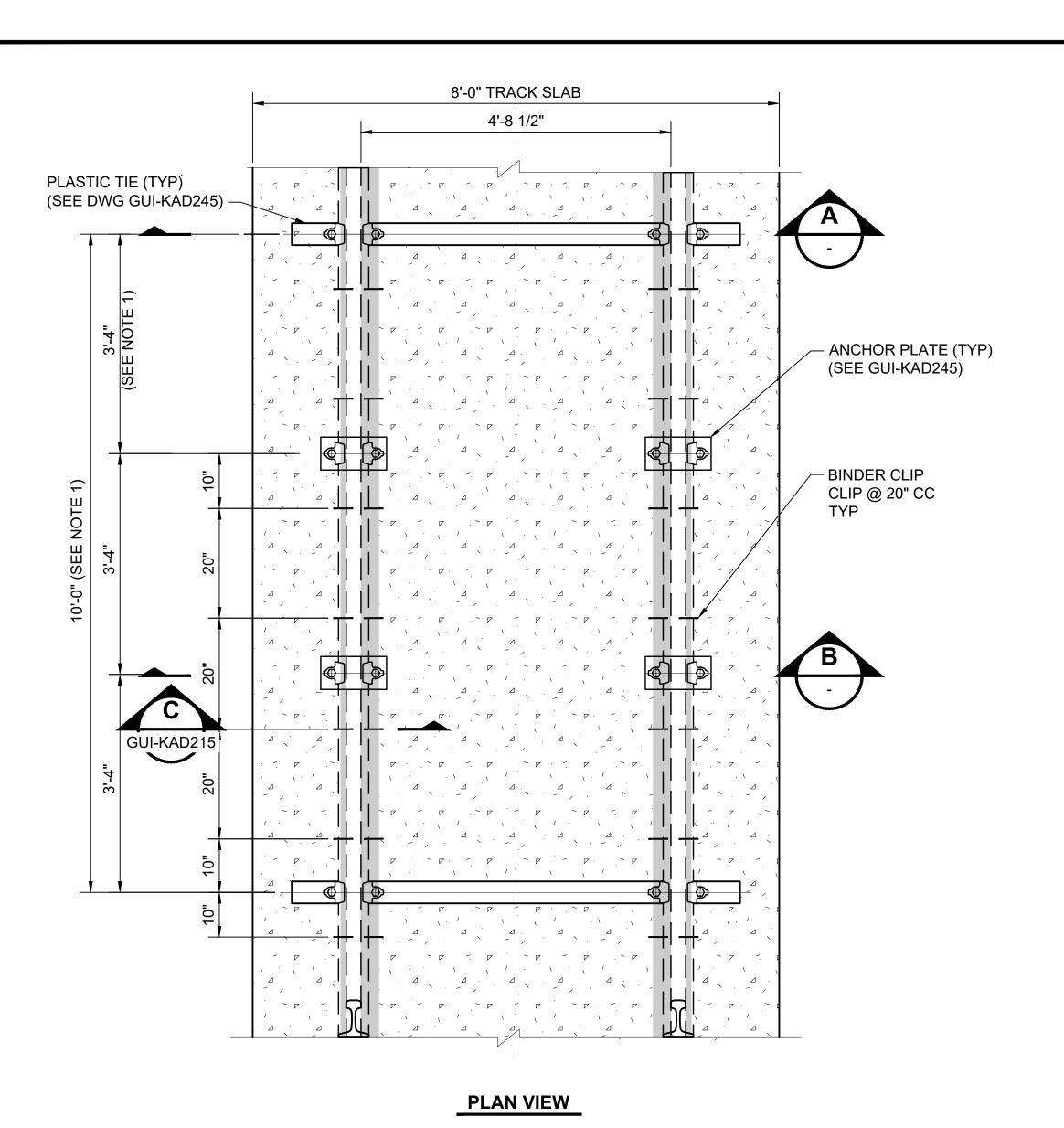
SOUND TRANSIT GUIDANCE DRAWINGS TRACKWORK

DIRECT FIXATION TRACK CONSTRUCTION

DRAWING No.:
GUI-KAD14
FACILITY ID:

MAINTENANCE WALKWAY PEDESTRIAN CROSSING PRECAST CONCRETE PANEL

SHEET No.:

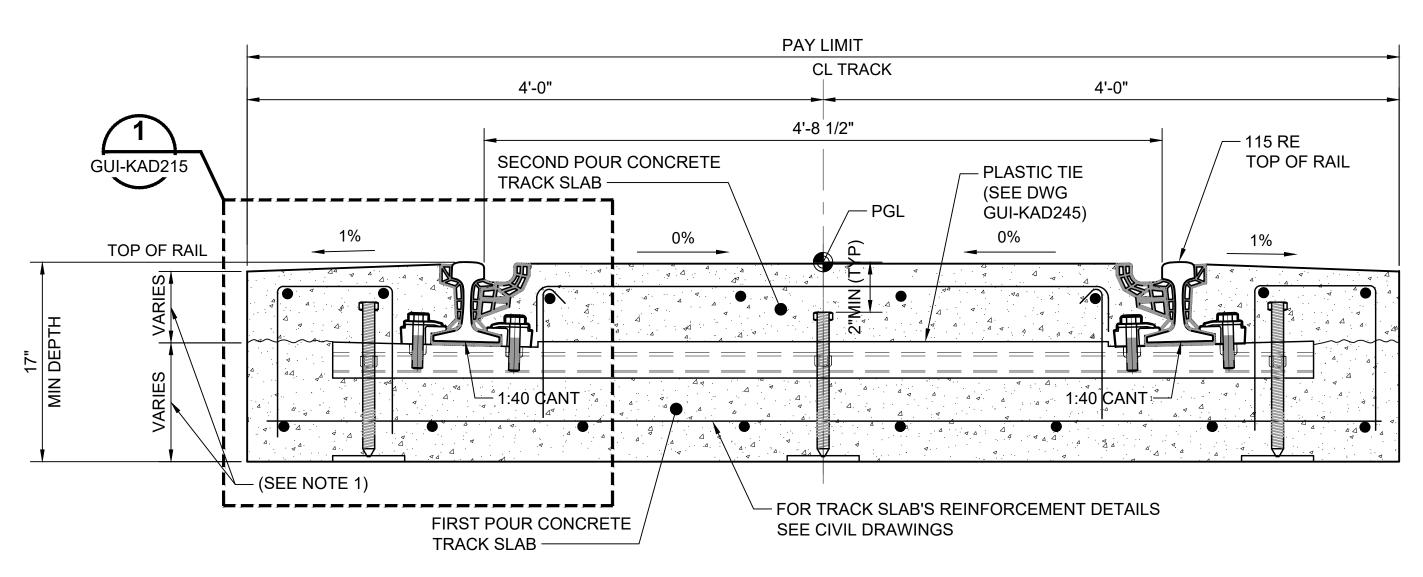


115 RE EMBEDDED TRACK INSTALLATION AT ROAD INTERSECTIONS SCALE: 3/4" = 1'-0"

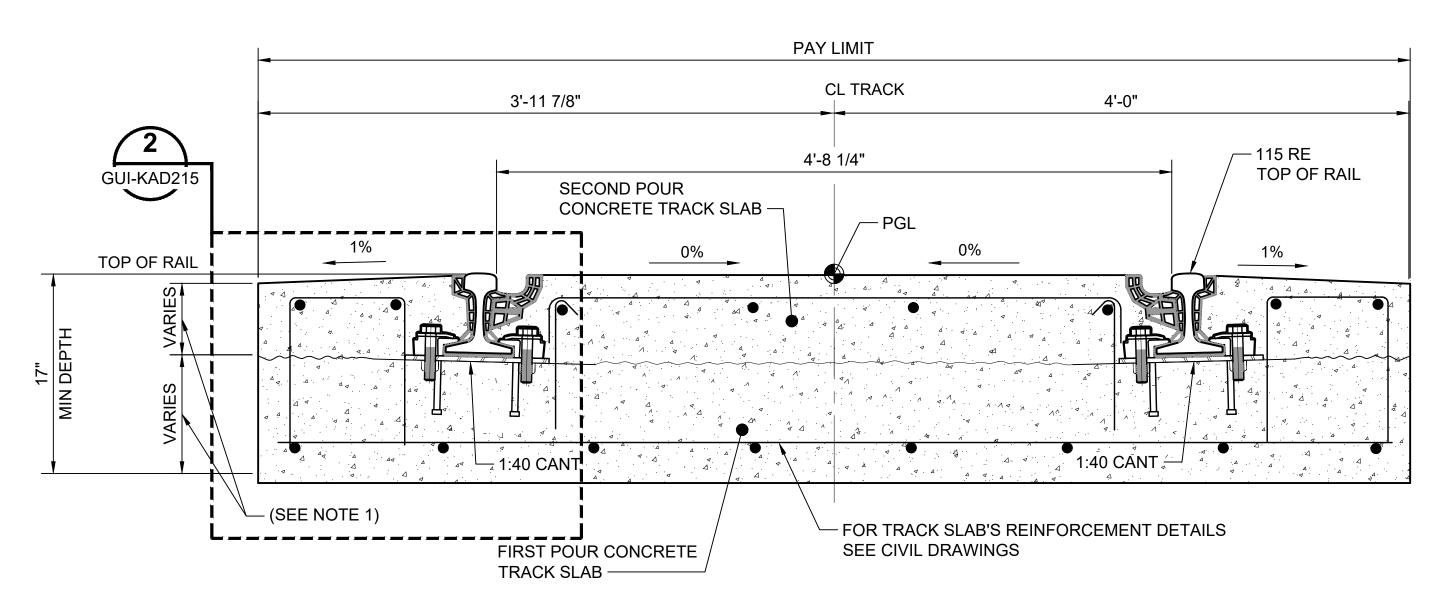
BILL OF MATERIAL						
ITEM	DESCRIPTION	QUANTITY				
1	115 RE RAIL	AS REQUIRED				
2	115 RE RAIL BOOT	AS REQUIRED				
3	RUBBER FLANGEWAY FORMER	AS REQUIRED				
4	CONCRETE SLAB INCLUDING REINFORCING STEEL (1ST AND 2ND POUR)	AS REQUIRED				
5	ANCHOR PLATES (SEE DWG GUI-KAD245)	4 OR 2 BETWEEN BEAMS				
6	PLASTIC TIE (SEE DWG GUI-KAD245)	10' CTRS (OR LESS)				
7	PLASTIC CLIPS COMPLETE WITH BOLTS, STEEL WASHER AND PLASTIC SHEET COVER	4/BEAM, 2/ANCHOR PLATE				
8	BINDER CLIPS	AS REQUIRED				

GENERAL NOTE:

 FOR TRACK SLAB CONSTRUCTION GENERAL NOTES SEE DWG GUI-KAD220.



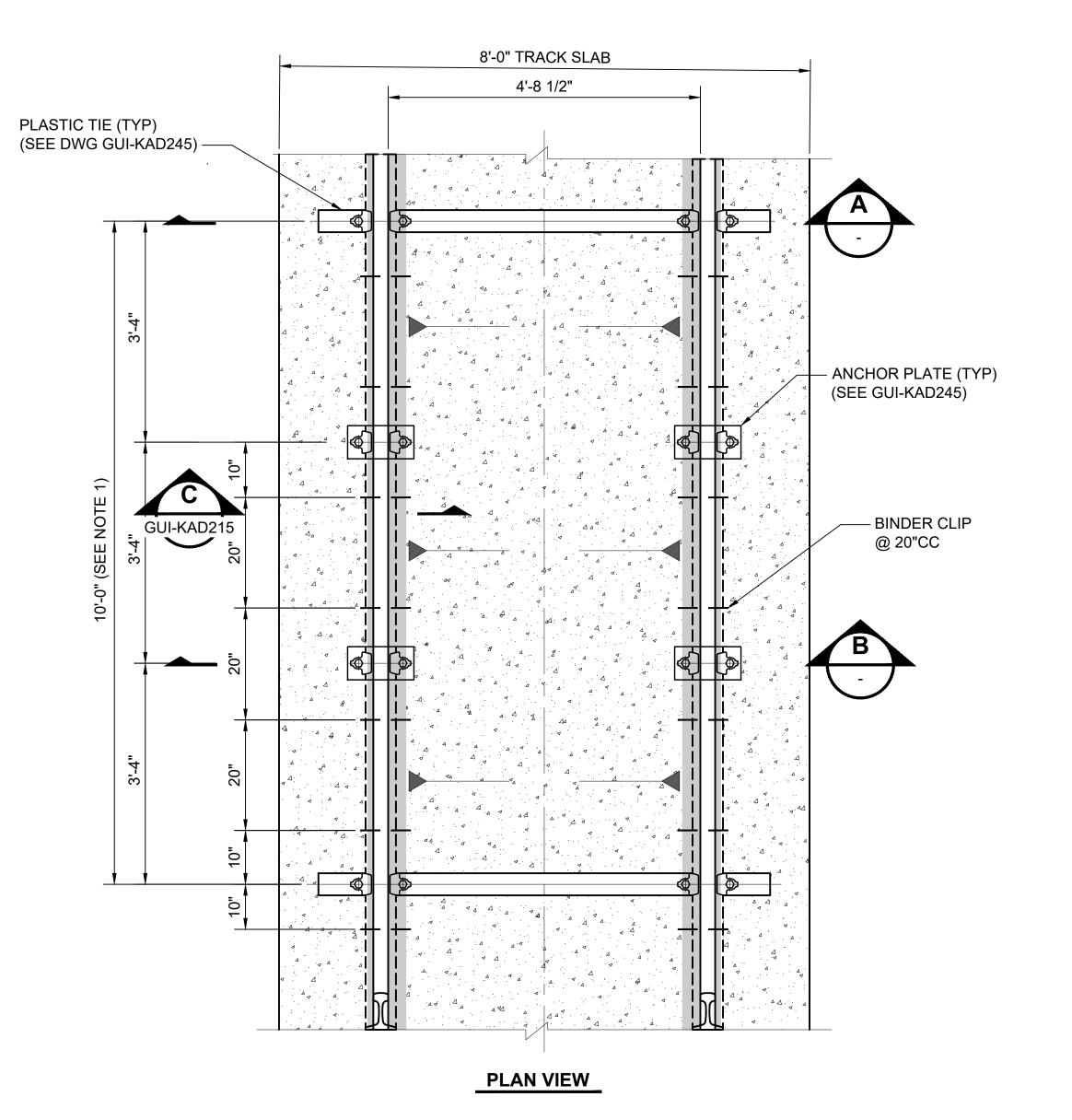




TYPICAL SECTION AT ROAD INTERSECTION B SCALE: 1 1/2" = 1'-0"

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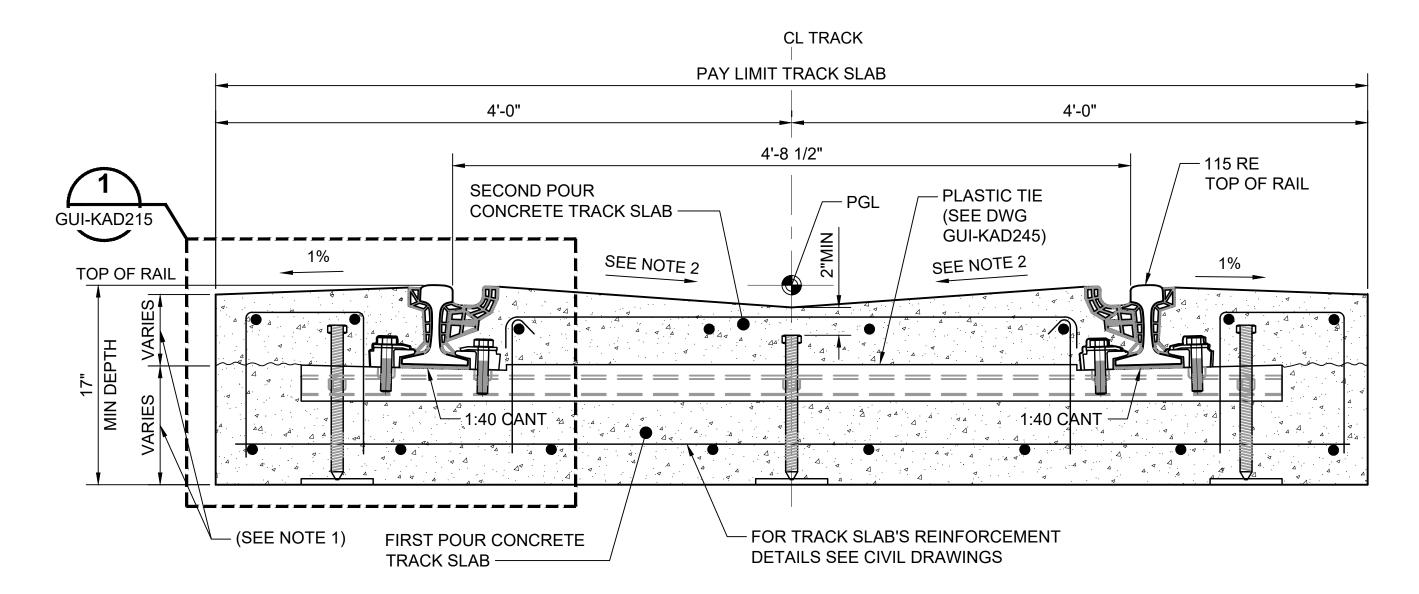
- FOR TRACK SLAB CONSTRUCTION GENERAL NOTES SEE DWG GUI-KAD220.
- TOP OF SECOND POUR CONCRETE TRACK SLAB CROSS-SLOPE PER CIVIL DRAWING.



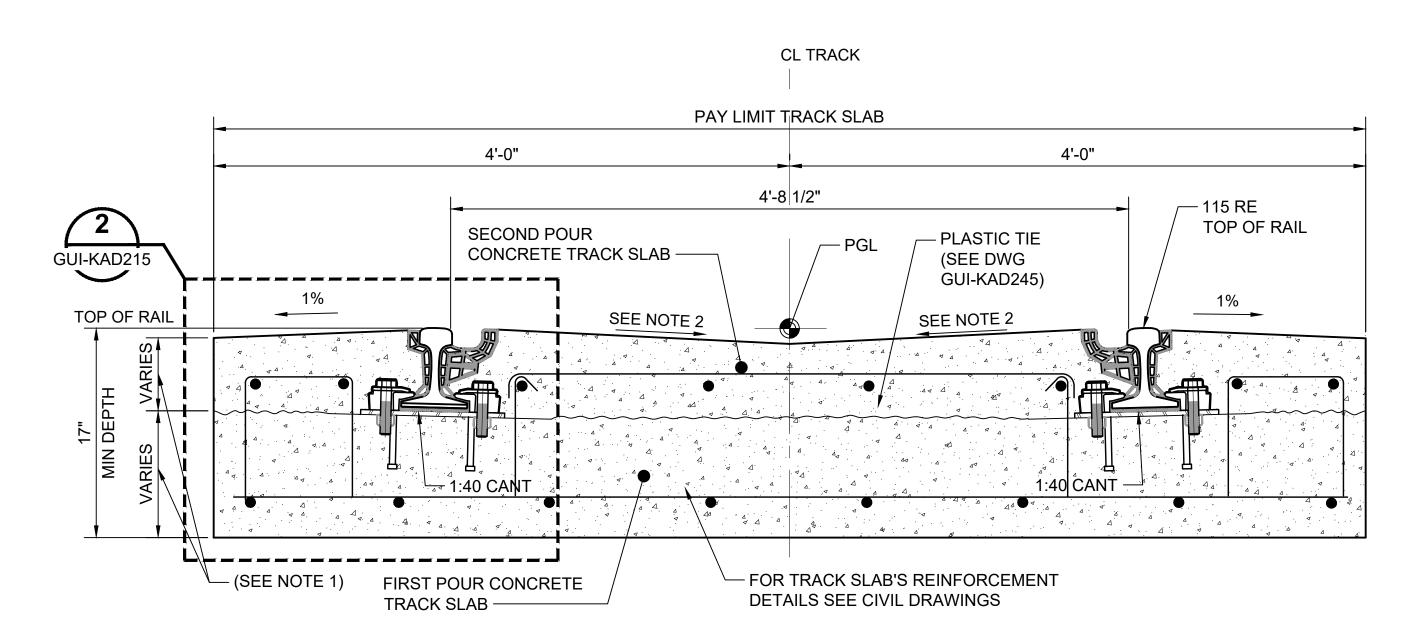
115 RE EMBEDDED TRACK INSTALLATION AT EMERGENCY VEHICLES CROSSING AND AT PEDESTRIAN CROSSING

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

BILL OF MATERIAL									
ITEM	DESCRIPTION	QUANTITY							
1	115 RE RAIL	AS REQUIRED							
2	115 RE RAIL BOOT	AS REQUIRED							
3	RUBBER FLANGEWAY FORMER	AS REQUIRED							
4	CONCRETE SLAB INCLUDING REINFORCING STEEL (1ST AND 2ND POUR)	AS REQUIRED							
5	ANCHOR PLATES (SEE DWG GUI-KAD245)	4 OR 2 BETWEEN BEAMS							
6	PLASTIC TIE (SEE DWG GUI-KAD245)	10' CTRS (OR LESS)							
7	PLASTIC CLIPS W/ STEEL WASHER	4/BEAM, 2/ANCHOR PLATE							
8	BINDER CLIPS	AS REQUIRED							







TYPICAL SECTION - TANGENT TRACK AT ANCHOR PLATES

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

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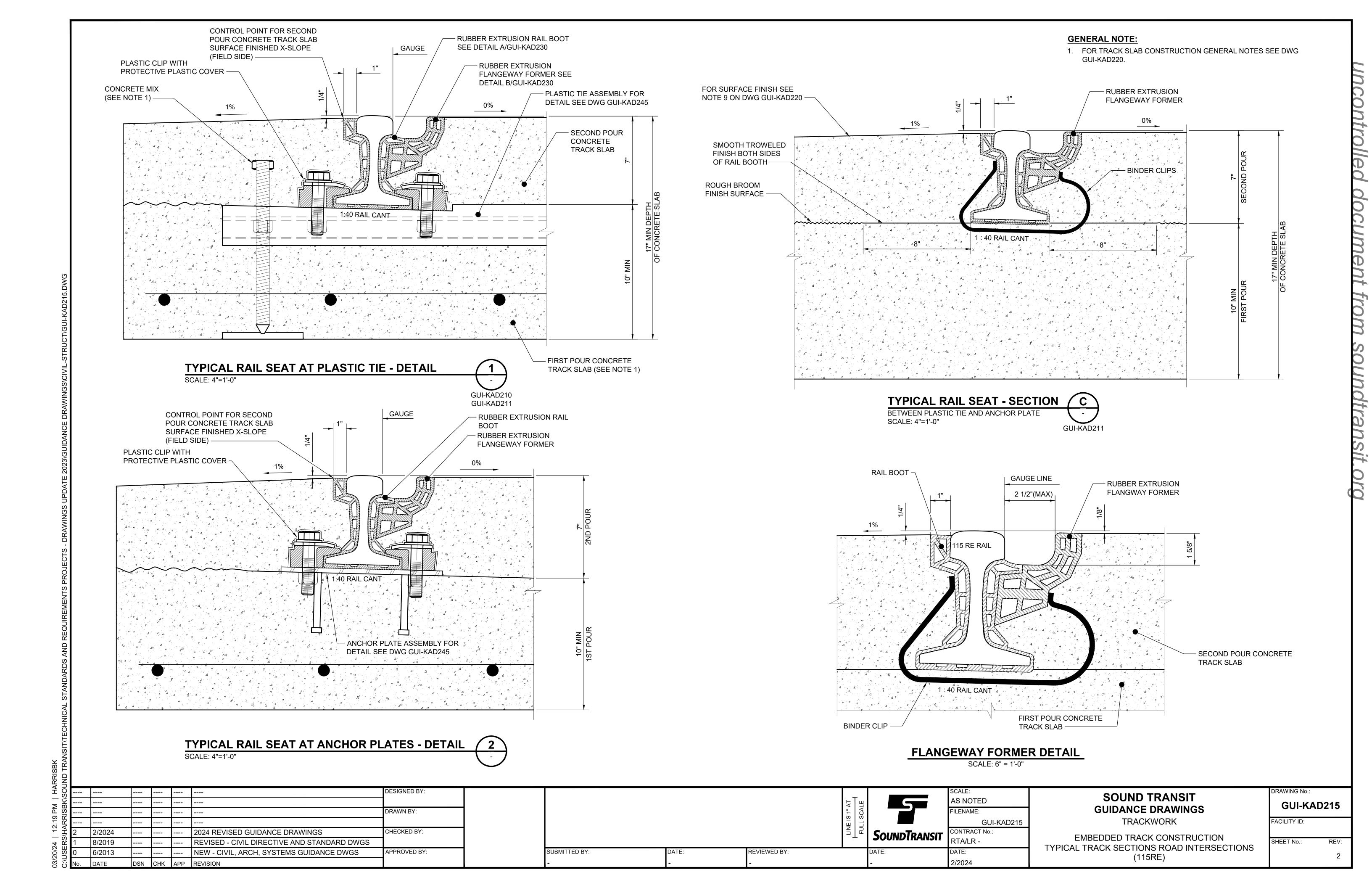
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SOUND TRANSIT GUIDANCE DRAWINGS TRACKWORK

TRACKWORK
EMBEDDED TRACK CONSTRUCTION
TYPICAL TRACK SECTION EMERGENCY VEHICLES
& PEDESTRIAN CROSSINGS (115RE)

DRAWING No.:
GUI-KAD211
FACILITY ID:

SHEET No.: RE



PLAN VIEW

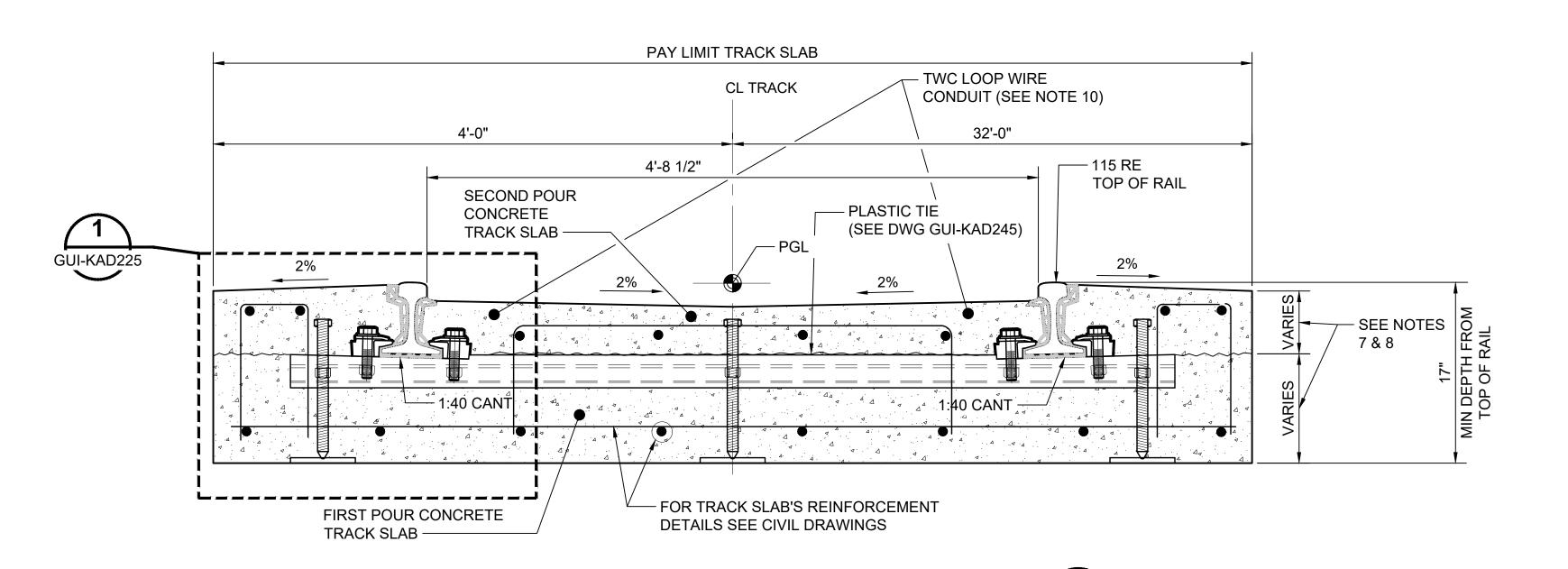
115 RE EMBEDDED TRACK INSTALLATION MID-BLOCK ROAD SECTION

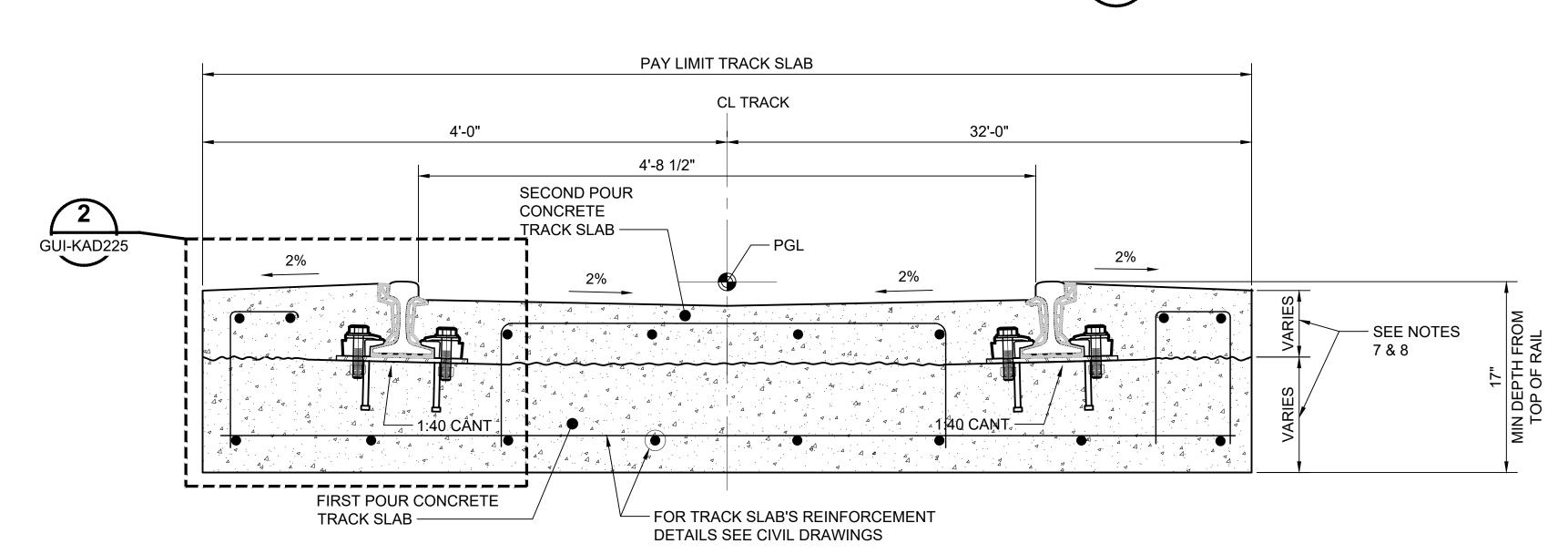
SCALE: 3/4" = 1'-0"

	BILL OF MATERIAL										
ITEM	DESCRIPTION	QUANTITY									
1	115 RE RAIL	AS REQUIRED									
2	115 RE RAIL BOOT	AS REQUIRED									
3	CONCRETE SLAB INCLUDING REINFORCING STEEL (1ST AND 2ND POUR)	AS REQUIRED									
4	ANCHOR PLATES (SEE DWG GUI-KAD245)	4 OR 2 BETWEEN TIES (SEE NOTE 6)									
5	PLASTIC TIE (SEE DWG GUI-KAD245)	10' CTRS (OR LESS) (SEE NOTE 4)									
6	PLASTIC CLIP COMPLETE W/ BOLTS STEEL WASHER AND PLASTIC SHEET COVER	4/BEAM, 2/ANCHOR PLATE									
7	BINDER CLIPS	@ EVERY 20" CC									

GENERAL NOTES:

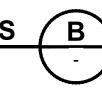
- 1. CONTROL POINTS FOR PROFILE GRADE IS SET TO TOP OF LOW RAIL ELEVATION.
- 2. RAIL WELDS SHALL NOT BE MADE LESS THAN 3" FROM THE EDGE OF ANCHOR PLATE OR PLASTIC BEAM.
- 3. CONCRETE MIX SHALL BE 5000 PSI. REINFORCING SHALL BE GRADE 60 ASTM A615 DEFORMED BARS.
- 4. PLASTIC TIES ARE TO BE SPACED AT 10'-0" O.C. IN TANGENT AND FOR CURVES > 500' RADIUS. SPACING SHALL BE 5'-0" O.C. BEGINNING 10' PRIOR TO TS AND ENDING 10' AFTER ST FOR CURVES ≤ 500.
- 5. GRADING TRANSITION OF INFILL CONCRETE AT CROSSWALKS FOR SURFACE FLATS TO VALLEY PROFILE SHALL BE MADE OVER A DISTANCE OF 5'-0" OR TO THE DRAIN -WHICHEVER IS CLOSEST
- 6. TWO PAIRS OF ANCHOR PLATES ARE TO BE SPACED (3.33') BETWEEN PLASTIC TIES IN TANGENT TRACK AND FOR CURVES GREATER THEN 500' RADIUS. FOR CURVED TRACKS WITH RADIUS LESS THAN OR EQUAL TO 500' RADIUS, SPACE ONE PAIR OF ANCHOR PLATES BETWEEN PLASTIC TIES.
- 7. FIRST POUR CONCRETE BASE SLAB SHALL BE AT TOP OF PLASTIC TIE AND SLIGHTLY RAISED TO BOTTOM OF RAIL BASE BOOT BETWEEN THE PLASTIC TIES TO LOCK THE RAIL
- 8. FIRST POUR CONCRETE BASE SLAB TO BE ROUGH BROOM FINISHED EXCEPT FOR SMOOTH TROWEL FINISH (8" WIDE) EITHER SIDE OF RAIL BOOT.
- 9. SECOND POUR CONCRETE TOP SLAB TO BE STAMPED OR COLORED AND SKID RESISTANT FINISH, FOR DETAILS SEE URBAN DESIGN DRAWINGS.
- 10. FOR LOCATION OF CONDUITS, STUB UP AND BLOCKOUTS FOR SYSTEM CONNECTIONS TO RAIL AND FOR TWC LOOP WIRES SEE DUCTBANK/CONDUIT, REQUIREMENTS DRAWINGS.
- 11. REINFORCING STEEL IN THE TRACK SLAB SHALL BE ELECTRICALLY BONDED AS INDICATED IN THE CORROSION CONTROL DRAWINGS.





TYPICAL SECTION - TANGENT TRACK AT PLASTIC TIE (A

TYPICAL SECTION - TANGENT TRACK AT ANCHOR PLATES SCALE: 1 1/2" = 1'-0"



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

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SOUND TRANSIT GUIDANCE DRAWINGS

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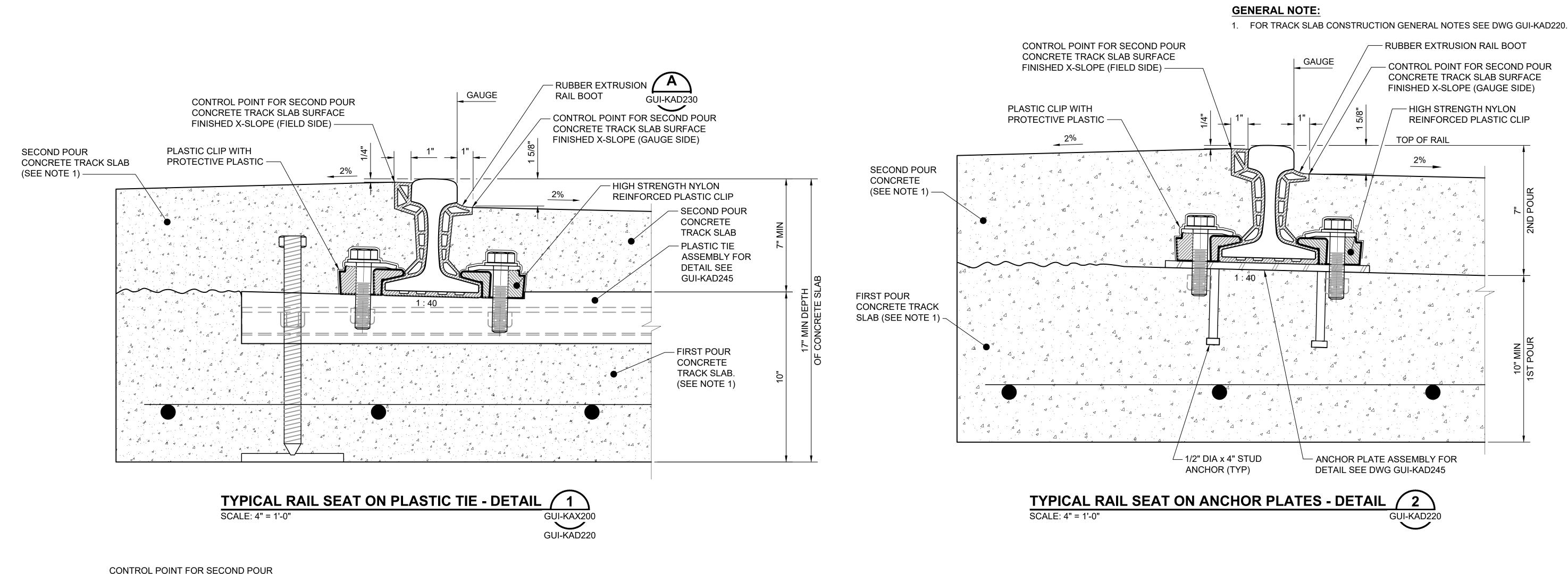
TRACKWORK EMBEDDED TRACK CONSTRUCTION

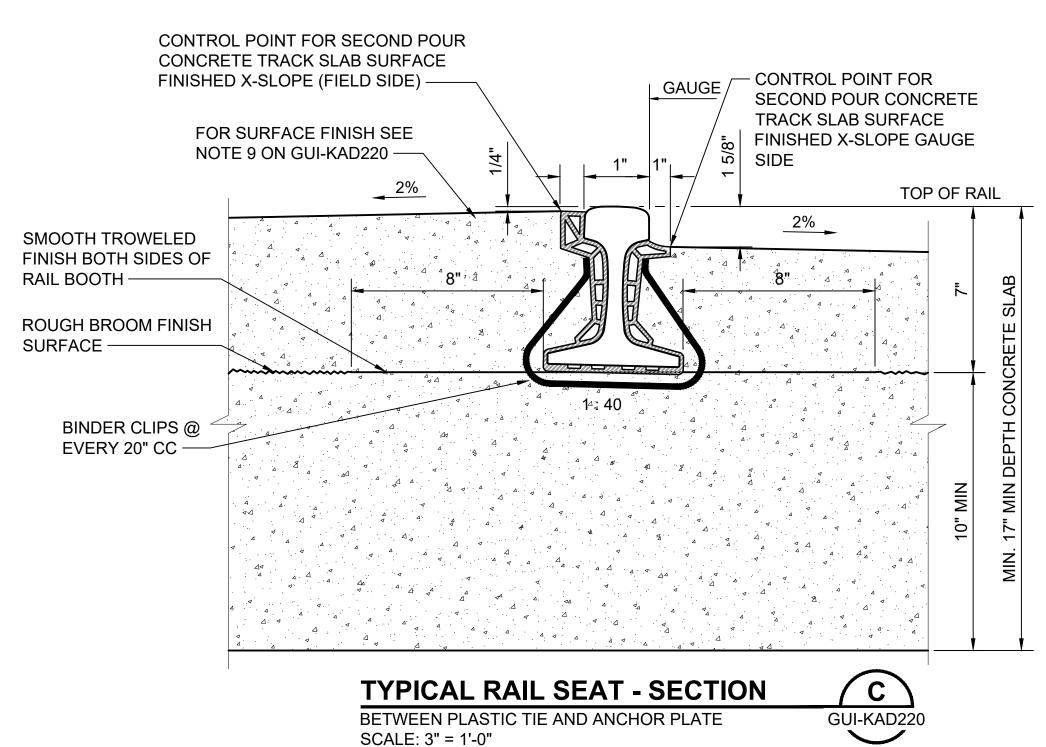
TRACKWORK	FACILITY ID:	
EMBEDDED TRACK CONSTRUCTION TYPICAL TRACK SECTIONS MIDBLOCK ROAD SECTION	SHEET No.:	-

RAWING No.:

GUI-KAD220







2024 REVISED GUIDANCE DRAWINGS

REVISED - CIVIL DIRECTIVE AND STANDARD DWGS

NEW - CIVIL, ARCH, SYSTEMS GUIDANCE DWGS

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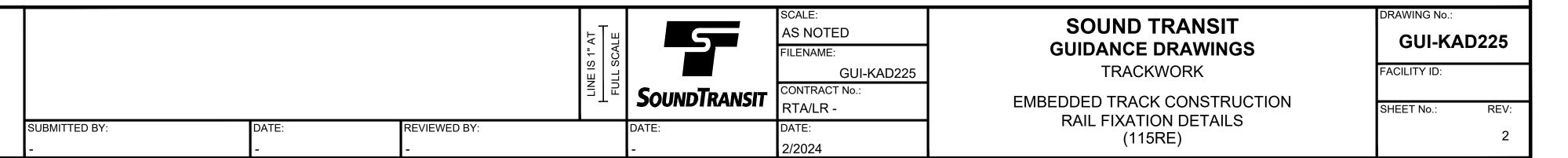
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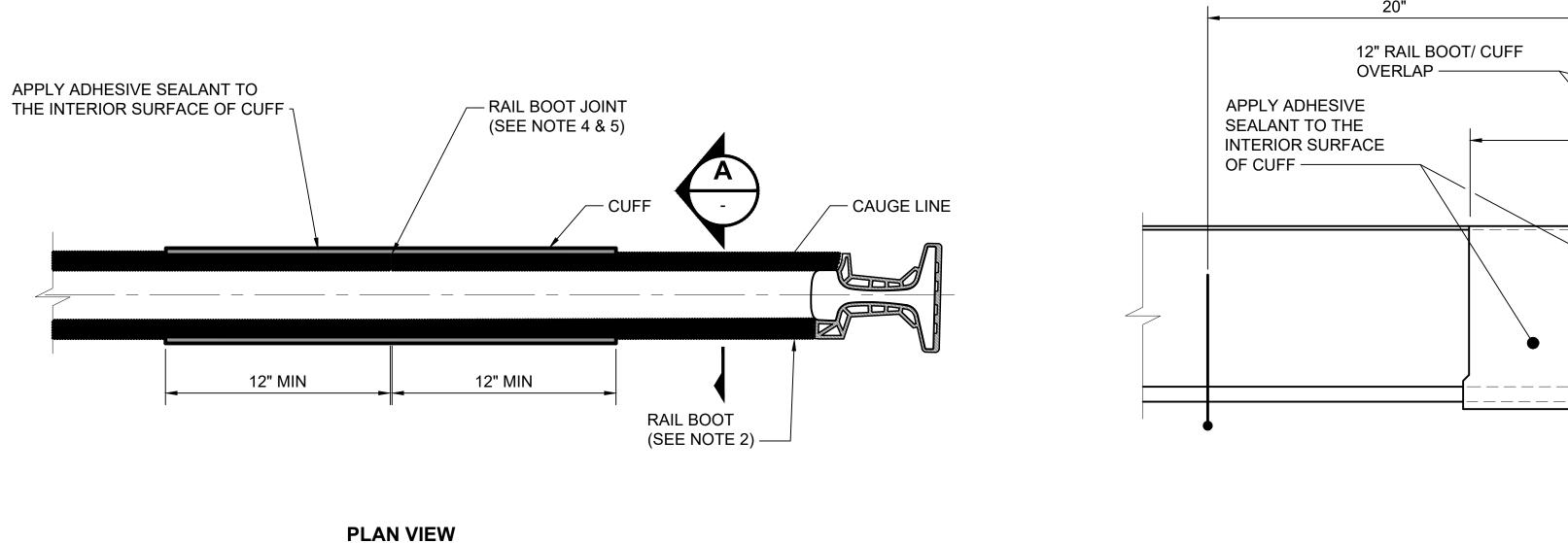
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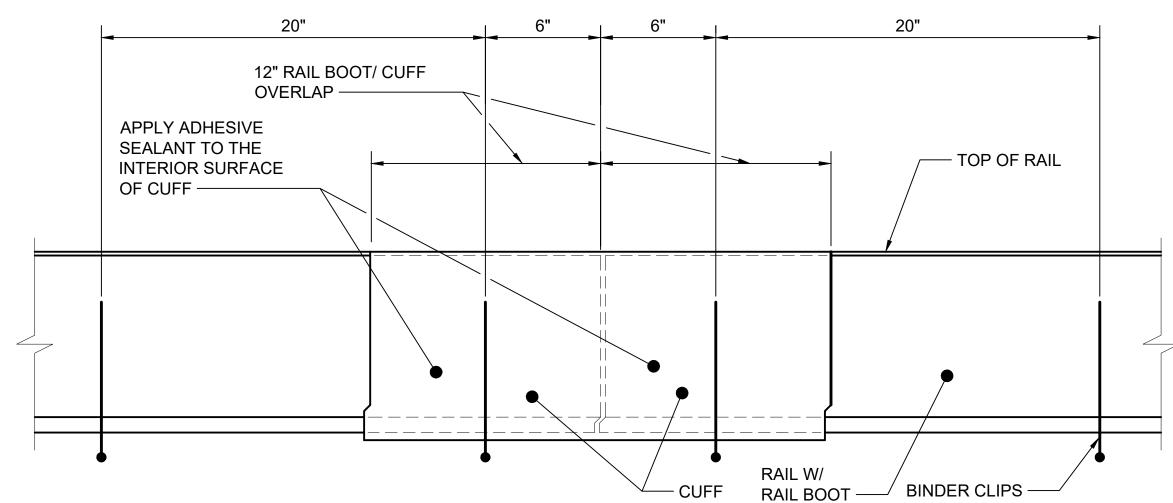
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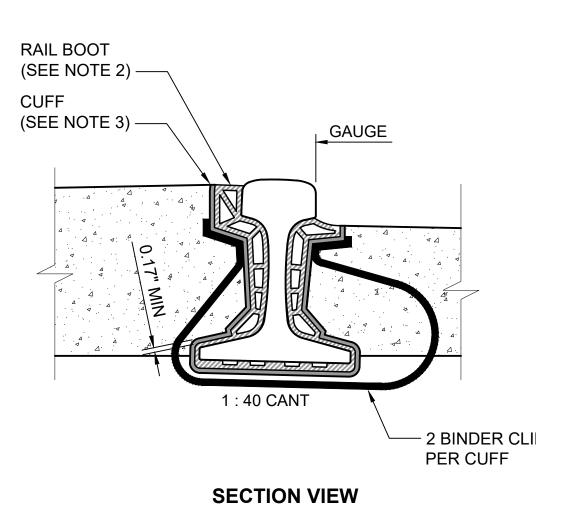


ELEVATION VIEW

GENERAL NOTES:

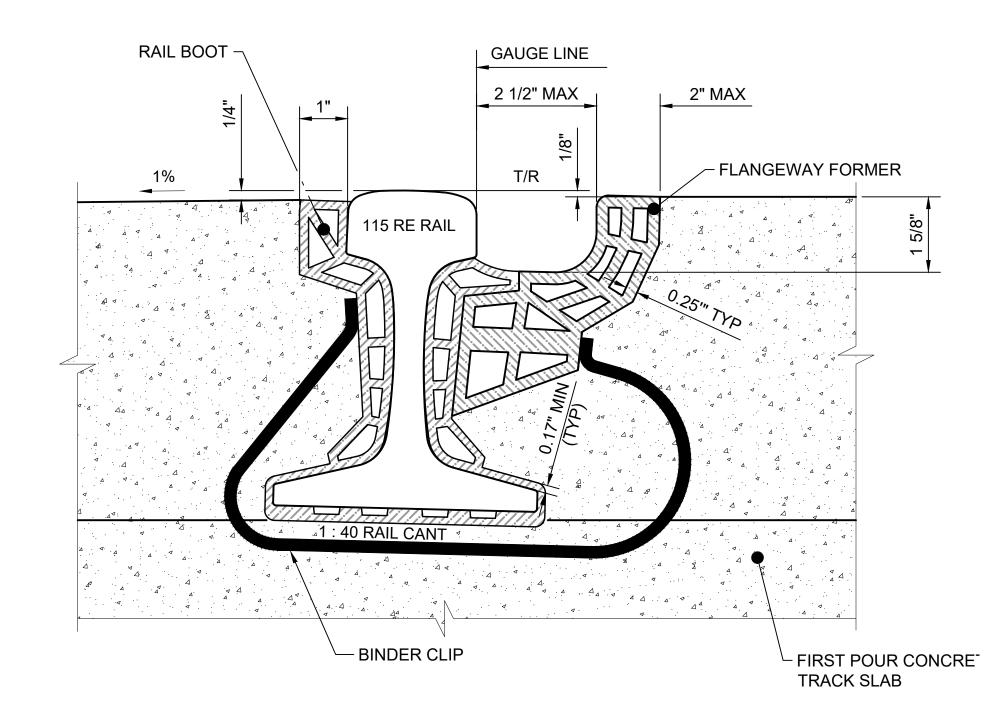
SECTION OF BOOT.

- 1. ALLOW FOR DRAINAGE TO PASS THROUGH RAIL BOOT SPLICE.
- 2. SHAPE OF EXTRUDED RAIL RUBBER BOOT IS APPROXIMATE. FINAL SHAPE SHALL BE DESIGNED BY BOOT SUPPLIER.
- 3. INTERIOR SECTION OF CUFF SHALL CONFORM TO EXTERIOR
- 4. RAIL BOOT ENDS TO BE CUT SQUARE AND TWO SECTIONS BUTTED TOGETHER.
- 5. NO RAIL BOOT JOINT WILL BE ALLOWED ON TRACKS AT ROAD INTERSECTIONS, AT EMERGENCY VEHICLES CROSSING AND AT PEDESTRIAN CROSSINGS. RAIL BOOT SHALL BE CONTINUOUS THROUGHOUT THE LENGTH OF THE CROSSINGS WHERE FLANGEWAY FORMERS ARE TO BE INSTALLED.



TYPICAL RAIL BOOT CUFF FOR SPLICE AND DRAINAGE

CONTROL POINT FOR SECOND POUR CONCRETE TRACK SLAB SURFACE FINISHED X-SLOPE (GAUGE SIDE) — - CONTROL POINT FOR SECOND POUR GAUGE CONCRETE TRACK SLAB SURFACE FINISHED X-SLOPE (GAUGE SIDE) T/R **GROOVE TO** ACCOMMODATE PLASTIC CLIP -- RAIL BOOT (SEE NOTE 2) GROOVE TO ACCOMMODATE PLASTIC



RAIL BOOT GUI-KAD215 GUI-KAD220

RAIL BOOT / FLANGEWAY FORMER

SCALE: 6" = 1'-0"

B GUI-KAD230 GUI-KAD225

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SOUND TRANSIT GUIDANCE DRAWINGS TRACKWORK

EMBEDDED TRACK CONSTRUCTION RAIL BOOT GENERAL DETAILS (115RE)

RAWING No.: **GUI-KAD230**

FACILITY ID:

SHEET No.:

	BILL OF MATERIAL						
ITEM	DESCRIPTION	QUANTITY					
1	115 RE TEE RAIL	AS REQUIRED					
2	FIRST POUR CONCRETE SLAB	AS REQUIRED					
3	SECOND POUR CONCRETE CEMENTITIOUS GROUT	AS REQUIRED					
4	THIRD POUR CONCRETE PAVEMENT INFILL	AS REQUIRED					
5	ANCHOR PLATES (3/4"x6"x12")	AS REQUIRED					
6	RAIL CLIPS	AS REQUIRED					
7	PROTECTIVE PLASTIC CAP	AS REQUIRED					
8	EPOXY GROUT	AS REQUIRED					
9	3/4" ANCHOR BOLT COMPLETE	AS REQUIRED					

4'-0"

10"

2%

GUI-KAD236

GENERAL NOTES:

4'-0"

CONCRETE FORMED

FLANGEWAY —

- 1. CONTROL POINTS FOR PROFILE GRADE IS SET TO TOP OF LOW RAIL ELEVATION.
- 2. RAIL WELDS SHALL NOT BE MADE LESS THAN 3" FROM THE EDGE OF ANCHOR PLATE.
- 3. GRADING TRANSITION OF INFILL CONCRETE AT CROSSWALKS FOR SURFACE FLATS TO VALLEY PROFILE SHALL BE MADE OVER A DISTANCE OF 5'-0" OR TO THE DRAIN -WHICHEVER IS CLOSEST.
- 4. ANCHOR PLATES ARE TO BE SPACED AT EVERY 3'-4" C.C.

THIRD POUR

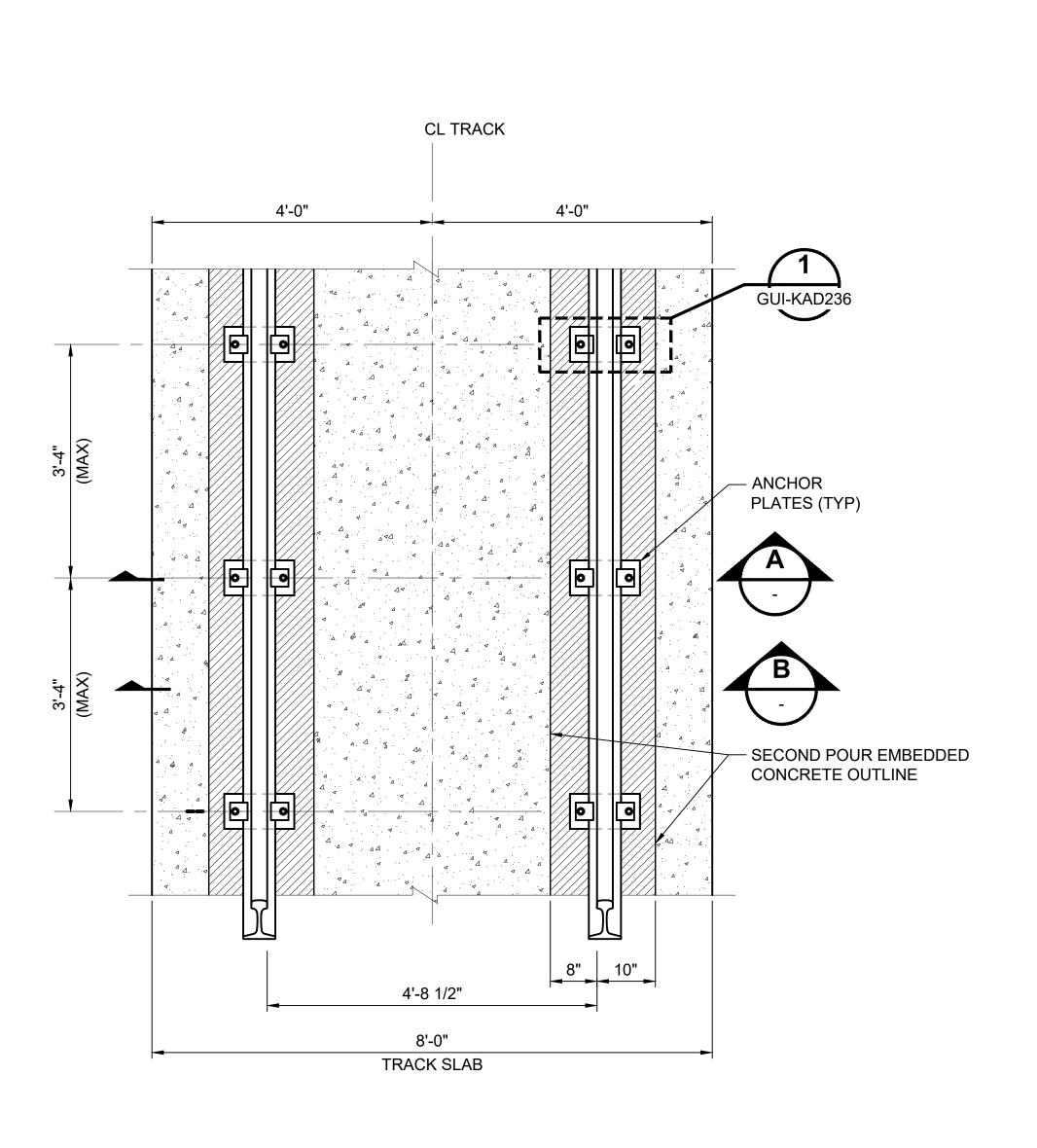
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CONCRETE

PAVEMENT

INFILL

- 5. FIRST POUR CONCRETE SHALL BE 9" THICK, SECOND POUR CONCRETE SHALL BE AT TOP OF ANCHOR PLATES, AND SHALL BE JUST UNDER BASE OF RAIL AT LOCATION BETWEEN ANCHOR PLATES.
- 6. FIRST POUR CONCRETE BASE SLAB TO BE BROOM FINISHED EXCEPT FOR SMOOTH TROWEL FINISH (8" WIDE) EITHER SIDE OF THE RAIL.
- 7. THIRD POUR CONCRETE TOP SLAB FINISHED TO BE DETERMINED BY FINAL DESIGN.
- 8. FOR LOCATION OF CONDUITS, STUB UP AND BLOCK OUT FOR SYSTEM CONNECTIONS TO RAIL, SEE DUCTBANK/CONDUITS REQUIREMENT DRAWINGS.



NON-INSULATED TRACK INSTALLATION PLAN VIEW SCALE: 3/4" = 1'-0"

2 1/2" CLR. TYPICA SCALE: 1 1/	TBD BY FINAL DESIGN FIRST POUR CONCRETE SLAB SECOND POUR CONCRETE L SECTION - TANGENT TRACK 2" = 1'-0" SECOND POUR CONCRETE	
4'-0"	CL TRACK 4'-0"	
2 1/2" CLR.	CONCRETE FORMED FLANGEWAY THIRD POUR CONCRETE PAVEMENT INFILL 2% TBD BY FINAL DESIGN FIRST POUR CONCRETE SLAB SEE NOTES 5, 6 & 7	1'-6" MIN DEPTH FROM TOP OF RAIL
SCALE: 1 1/2	L SECTION - TANGENT TRACK B - SECOND POUR CONCRE	- · -

CL TRACK

THIRD POUR

INFILL —

2%

CONCRETE PAVEMENT

4'-8 1/2"

- CONCRETE FORMED

FLANGEWAY

						DESIGNED BY:
						DRAWN BY:
2	2/2024				2024 REVISED GUIDANCE DRAWINGS	CHECKED BY:
1	8/2019				REVISED - CIVIL DIRECTIVE AND STANDARD DWGS	
0	6/2013				NEW - CIVIL, ARCH, SYSTEMS GUIDANCE DWGS	APPROVED BY:
No	DATE	DGN	CUK	ADD	PEVISION	7

SUBMITTED BY: REVIEWED BY: SOUNDTRANSIT

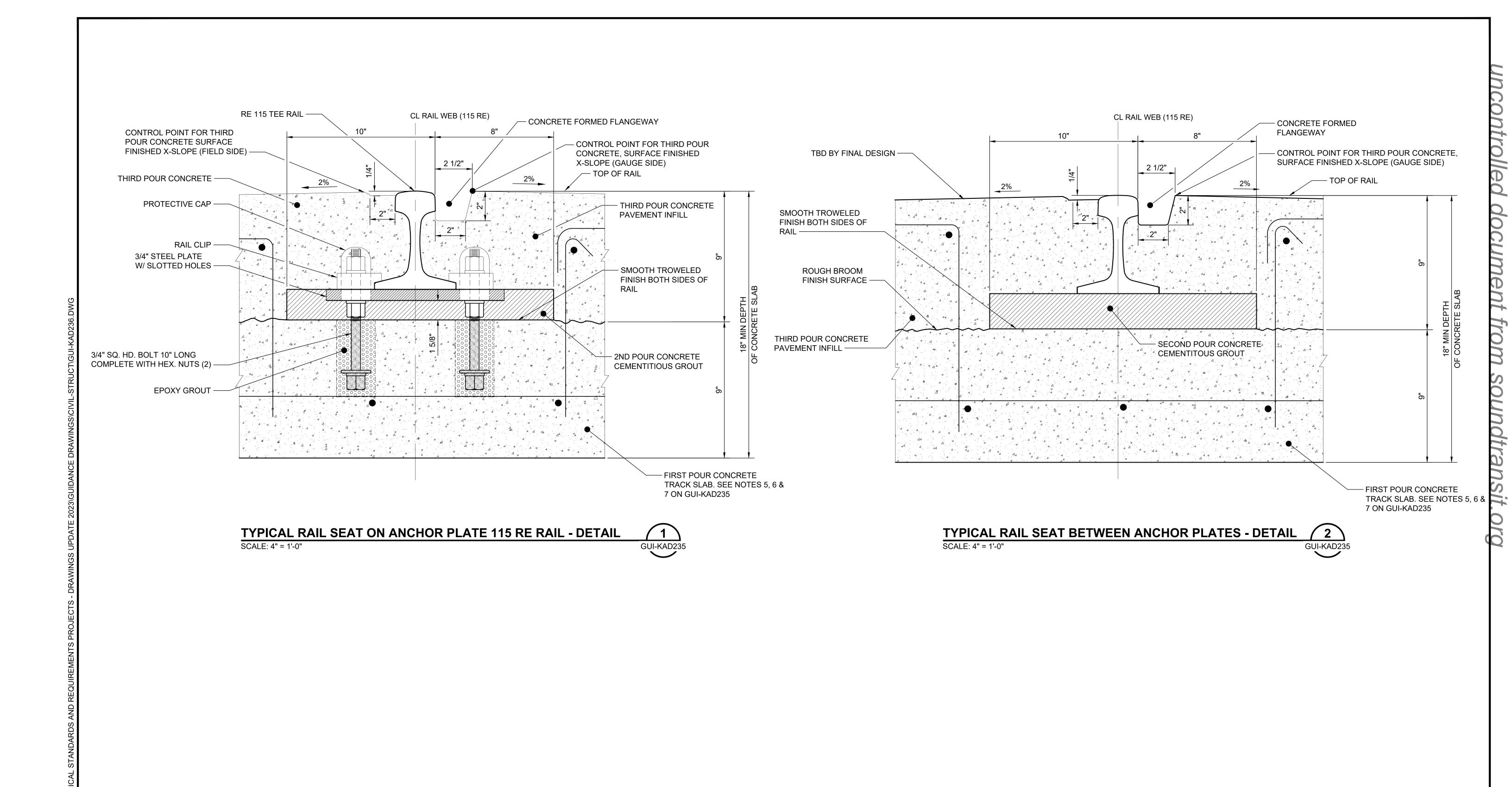
AS NOTED ILENAME: GUI-KAD235 CONTRACT No.:

2/2024

SOUND TRANSIT GUIDANCE DRAWINGS TRACKWORK

EMBEDDED TRACK CONSTRUCTION TYPICAL NON-INSULATED TRACK RAIL FIXATION DETAIL

RAWING No.: **GUI-KAD235** FACILITY ID:



DESIGNED BY: DRAWN BY: 2024 REVISED GUIDANCE DRAWINGS CHECKED BY: REVISED - CIVIL DIRECTIVE AND STANDARD DWGS NEW - CIVIL, ARCH, SYSTEMS GUIDANCE DWGS APPROVED BY: 6/2013

SUBMITTED BY: REVIEWED BY: SOUNDTRANSIT

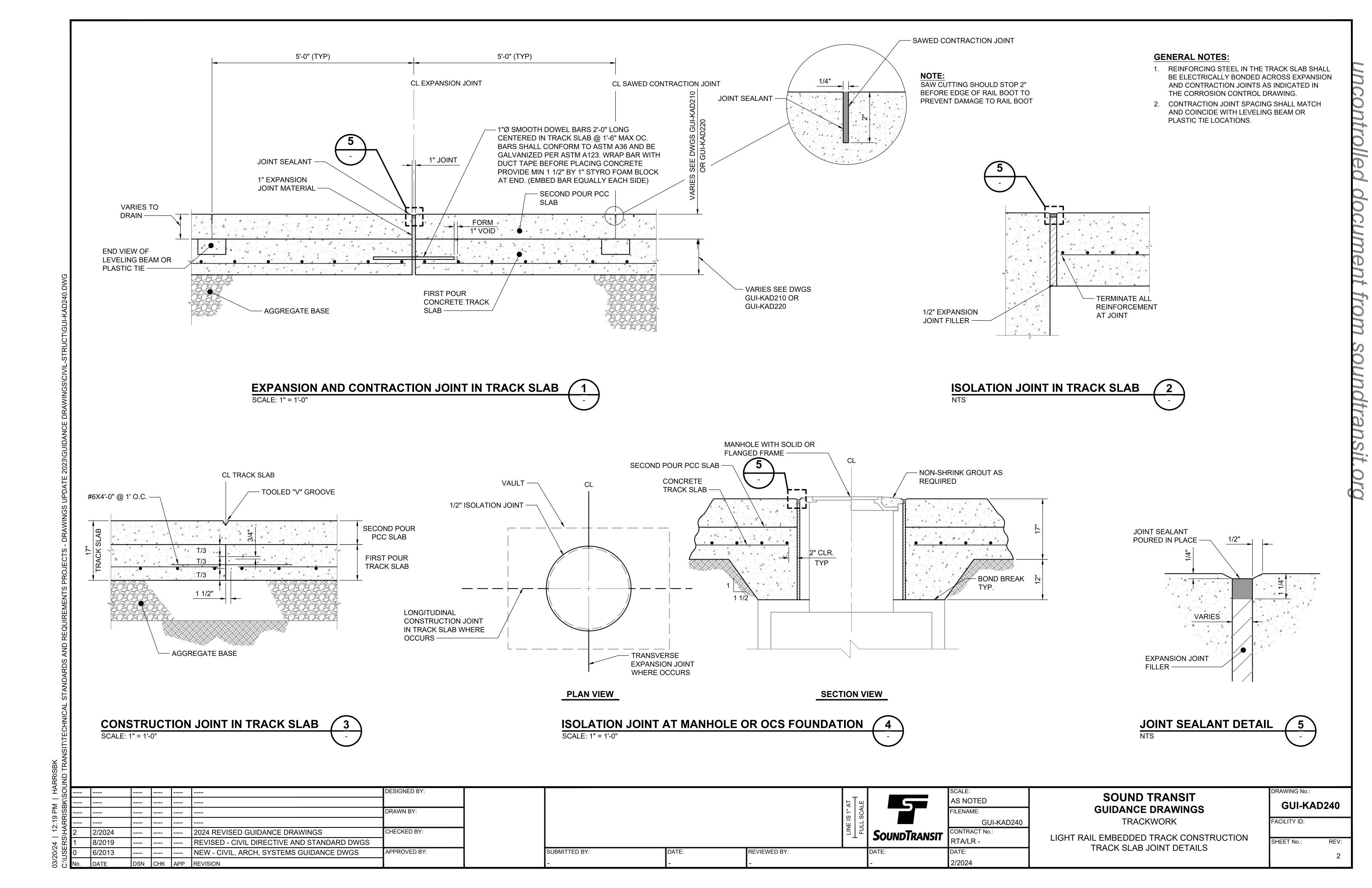
ILENAME: GUI-KAD236

SOUND TRANSIT GUIDANCE DRAWINGS TRACKWORK

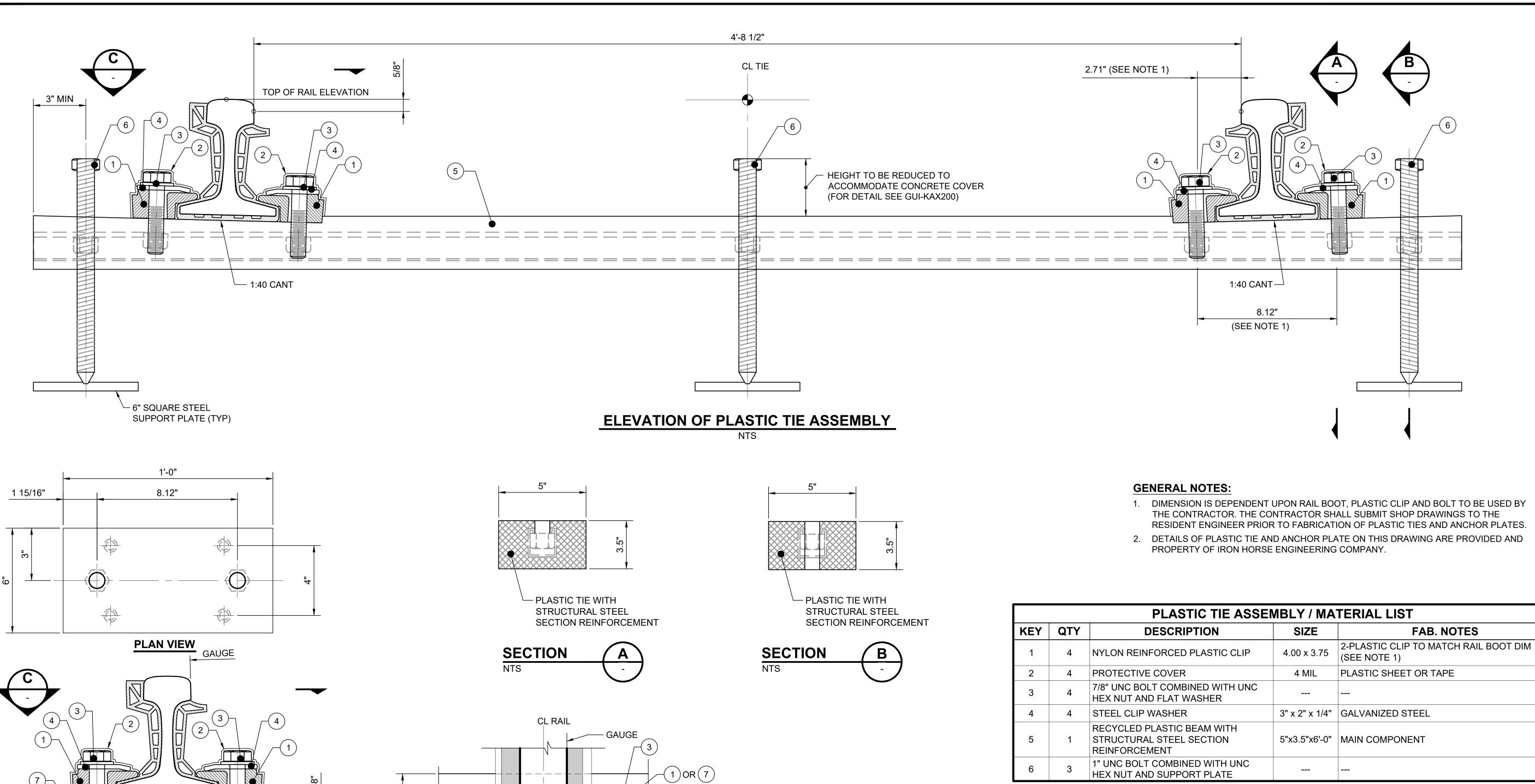
EMBEDDED TRACK CONSTRUCTION TYPICAL NON-INSULATED TRACK RAIL FIXATION DETAIL

GUI-KAD236 FACILITY ID:

RAWING No.:



FAB. NOTES



	ANCHOR PLATE ASSEMBLY / MATERIAL LIST									
KEY	QTY	DESCRIPTION	SIZE	FAB. NOTES						
1	2	NYLON REINFORCED PLASTIC CLIP	4.00 x 3.75	2-PLASTIC CLIP TO MATCH RAIL BOOT DIM (SEE NOTE 1)						
2	2	PROTECTIVE COVER	4 MIL	PLASTIC SHEET OR TAPE						
3	2	7/8" UNC BOLT COMBINED WITH UNC HEX NUT AND FLAT WASHER								
4	2	STEEL CLIP WASHER	3" x 2" x 1/4"	GALVANIZED STEEL						
7	1	3/8" STEEL PLATE	6" x 12"	DRILL HOLES PER PLAN						
8	4	1/2" DIA STUD	0'-4"	WELDED TO UNDERSIDE OF PLATE						
9	LOT	WELD								

ARRIS UND														
YH OS\						DESIGNED BY:						SCALE:	SOUND TRANSIT	DRAWING No.:
_							<u> </u>			AT AT	5	NIS	GUIDANCE DRAWINGS	GUI-KAD245
9 B		<u> </u>				DRAWN BY:				S 1' SC/		FILENAME:		
2:1 AR							_			▋▃▍╡		GUI-KAD245	TRACKWORK	FACILITY ID:
1 H 2 T 2	2/20				2024 REVISED GUIDANCE DRAWINGS	CHECKED BY:				∃ □	SoundTransit	CONTRACT No.:	EMBEDDED TRACK CONSTRUCTION	
24 I.R.	8/20)19 -			REVISED - CIVIL DIRECTIVE AND STANDARD DWGS							RTA/LR -	PLASTIC BEAM AND ANCHOR PLATE ASSEMBLY	SHEET No.: REV:
20/; JSE	6/20)13 -			NEW - CIVIL, ARCH, SYSTEMS GUIDANCE DWGS	APPROVED BY:	SUBMITTED BY	Y: DATE:	REVIEWED BY:		DATE:	DATE:	(115RE)	2
03/: C:\l	o. DATE	Ξ [SN CHK	APP	REVISION		-	-	-		-	2/2024	(11311L)	_

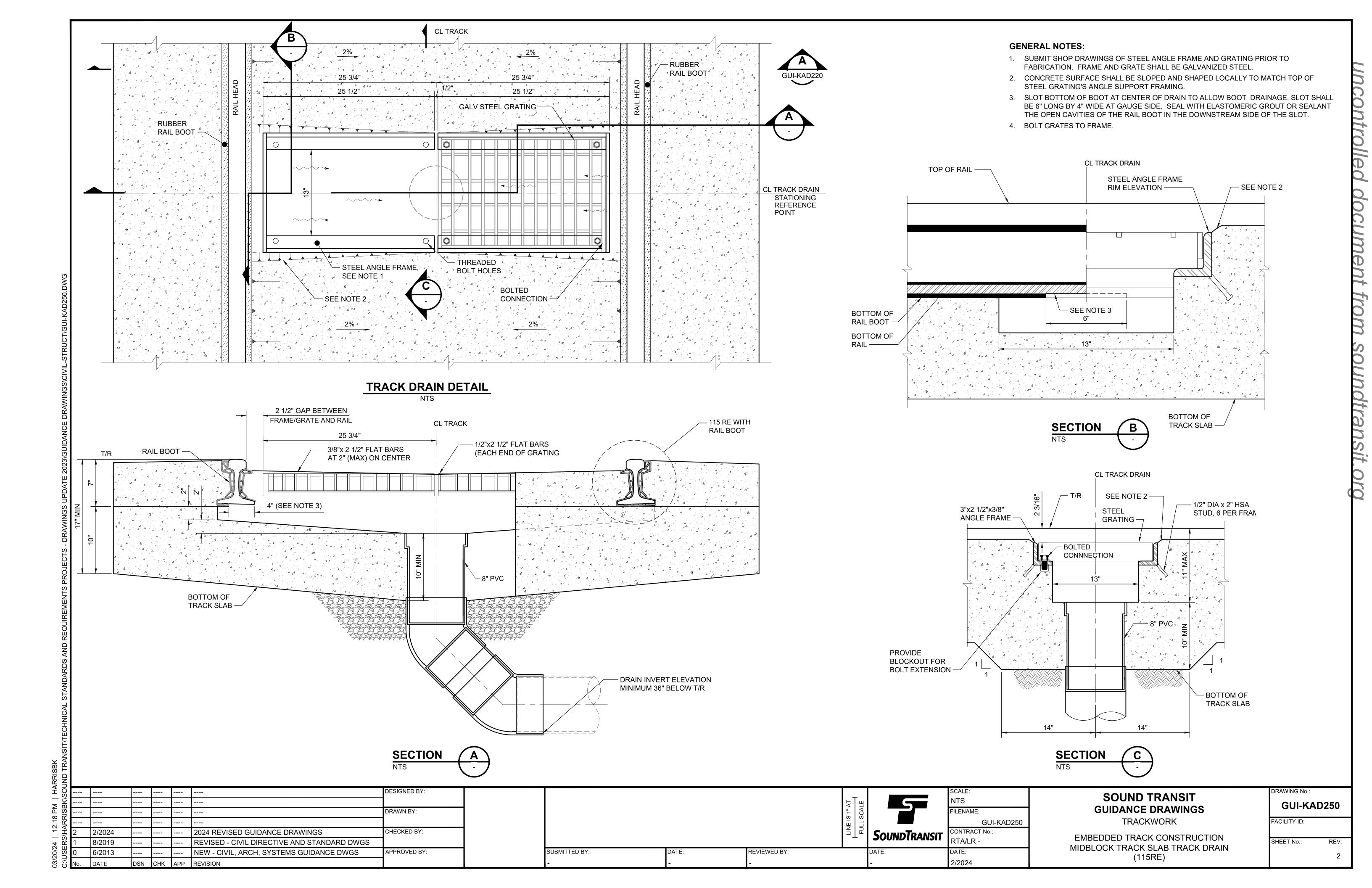
SECTION

2 11/16"

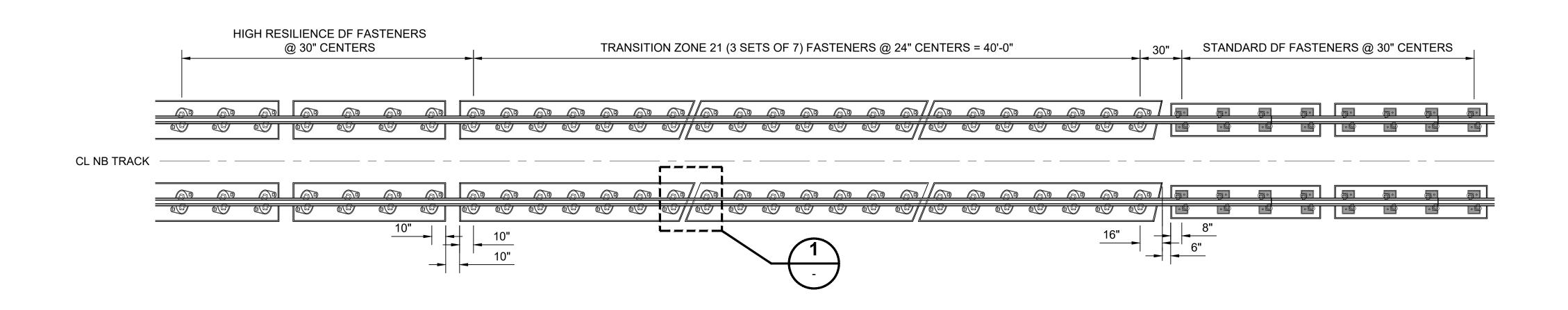
6 1/2"

ELEVATION VIEW

ANCHOR PLATE

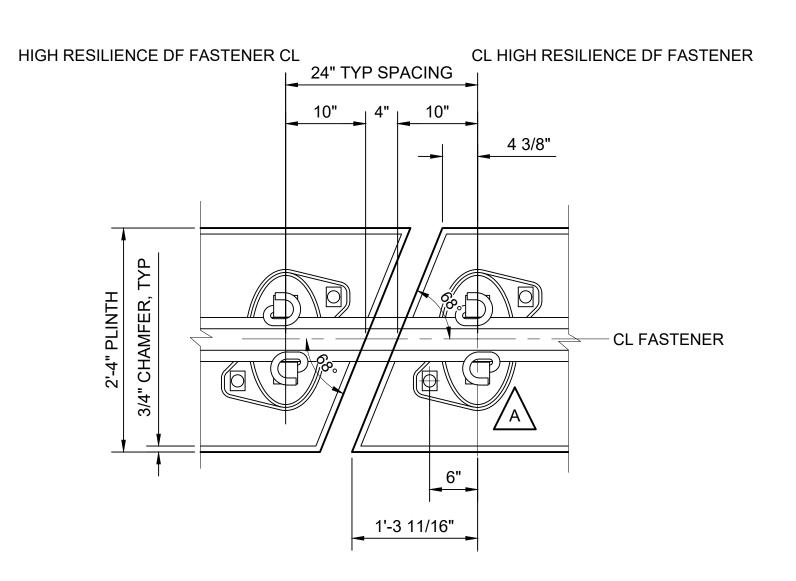


1. FOR DF TRACKS UNDER HIGH RESILIENT FASTENER AND STANDARD FASTENER SEE DWGS STD-KAD100 AND STD-KAD102.



TRANSITION PLAN FROM HIGH RESILIENCE FASTENER DF TRACK TO STANDARD FASTENER DF TRACK

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



TRANSITION ZONE PLINTH GAP

SCALE: 1" = 1'-0"

SOI							DESIGNED BY:	
BK								
RRISE							DRAWN BY:	
₹.								
%HA							CHECKED BY:	
ERS/F	1	2/2024				2024 REVISED GUIDANCE DRAWINGS		
\USE	0	8/2019				NEW - CIVIL DIRECTIVE AND STANDARD DWGS	APPROVED BY:	
C:\	No.	DATE	DSN	CHK	APP	REVISION		

SUBMITTED BY:	DATE:	REVIEWED BY:	

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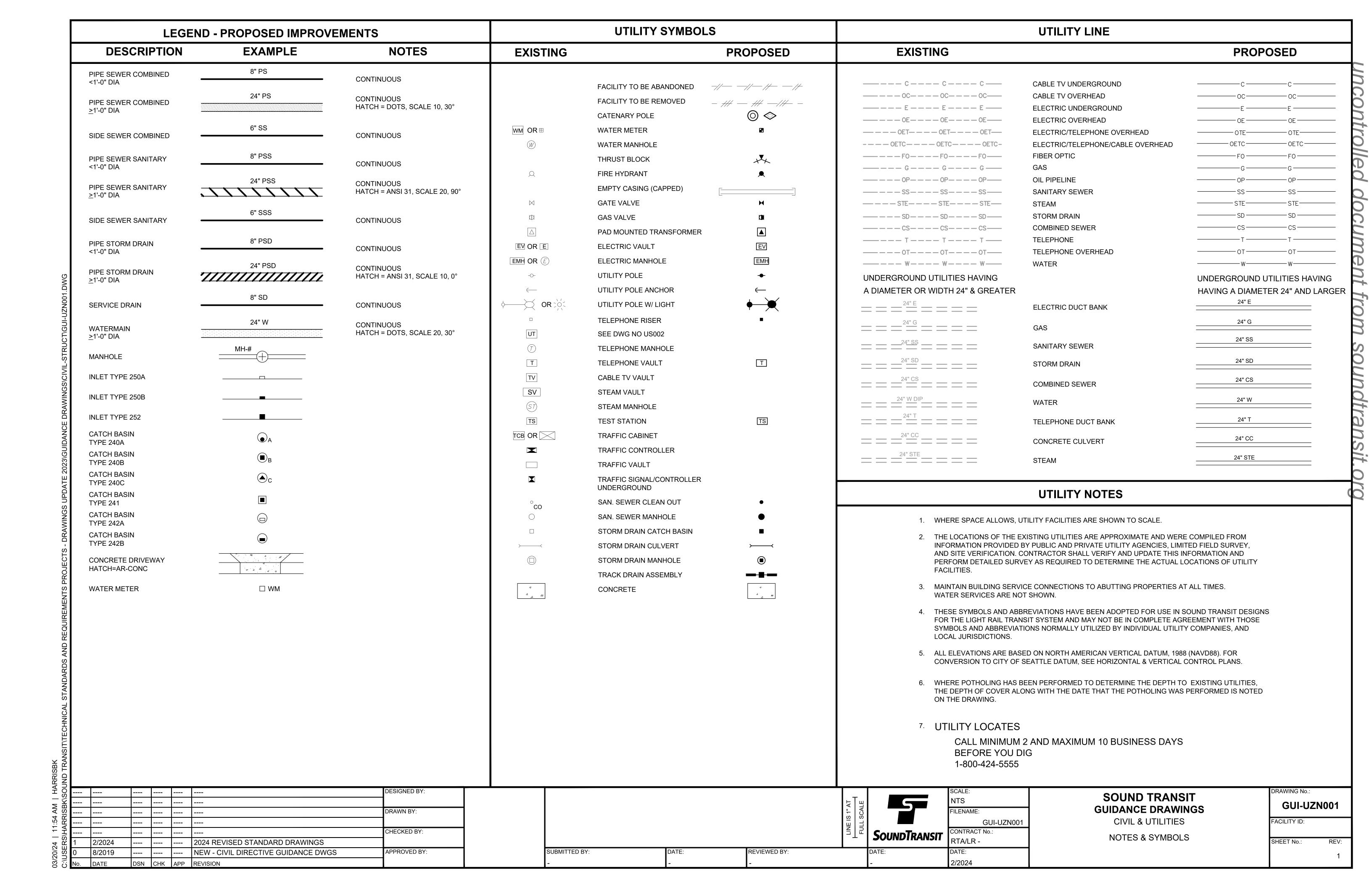
	SCALE:
	AS NOTED
	FILENAME:
	GUI-KAD427
it i	CONTRACT No.:
	RTA/LR -
	DATE:

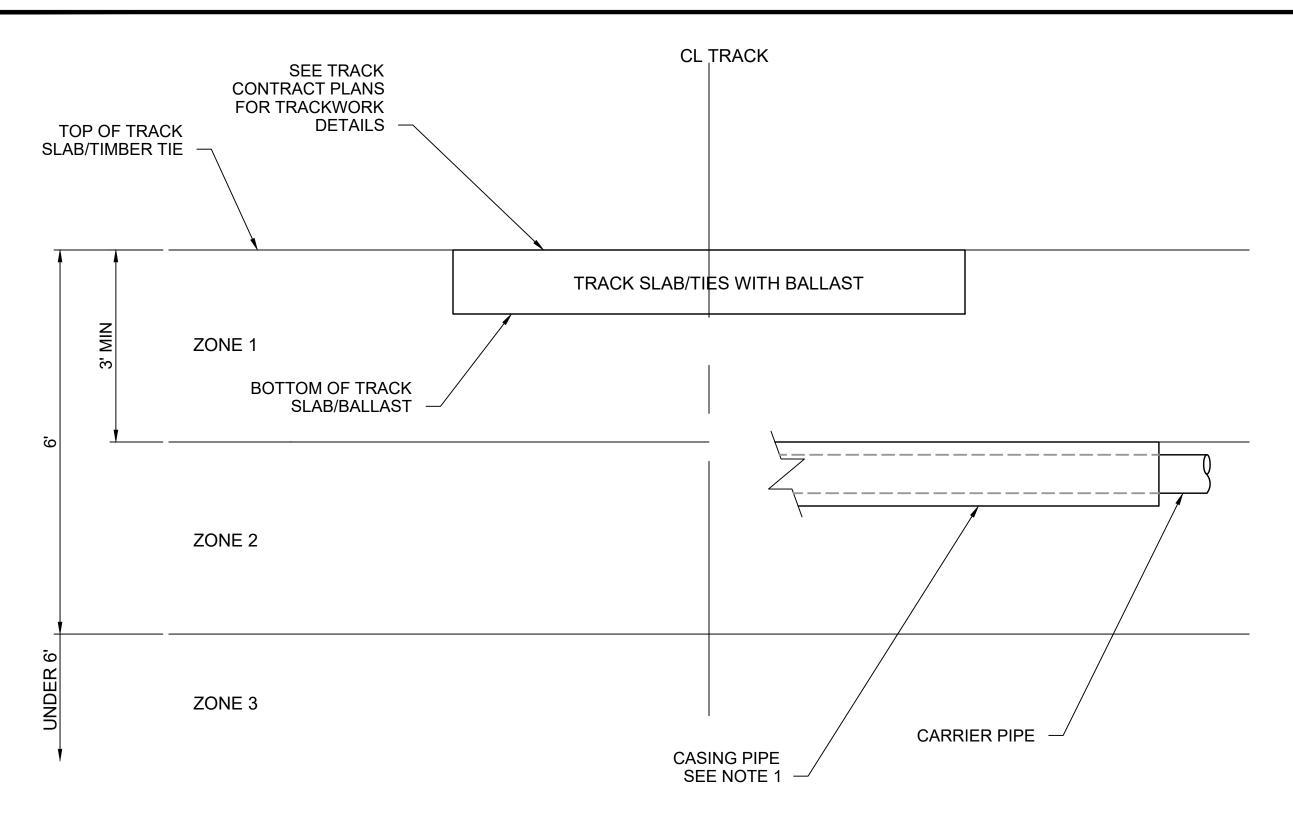
SOUND TRANSIT GUIDANCE DRAWINGS TRACKWORK

TRANSITION SLAB HIGH RESILIENT FASTENER DIRECT FIXATION TRACK TO STANDARD DIRECT FIXATION TRACK

GUI-KAD427 FACILITY ID:

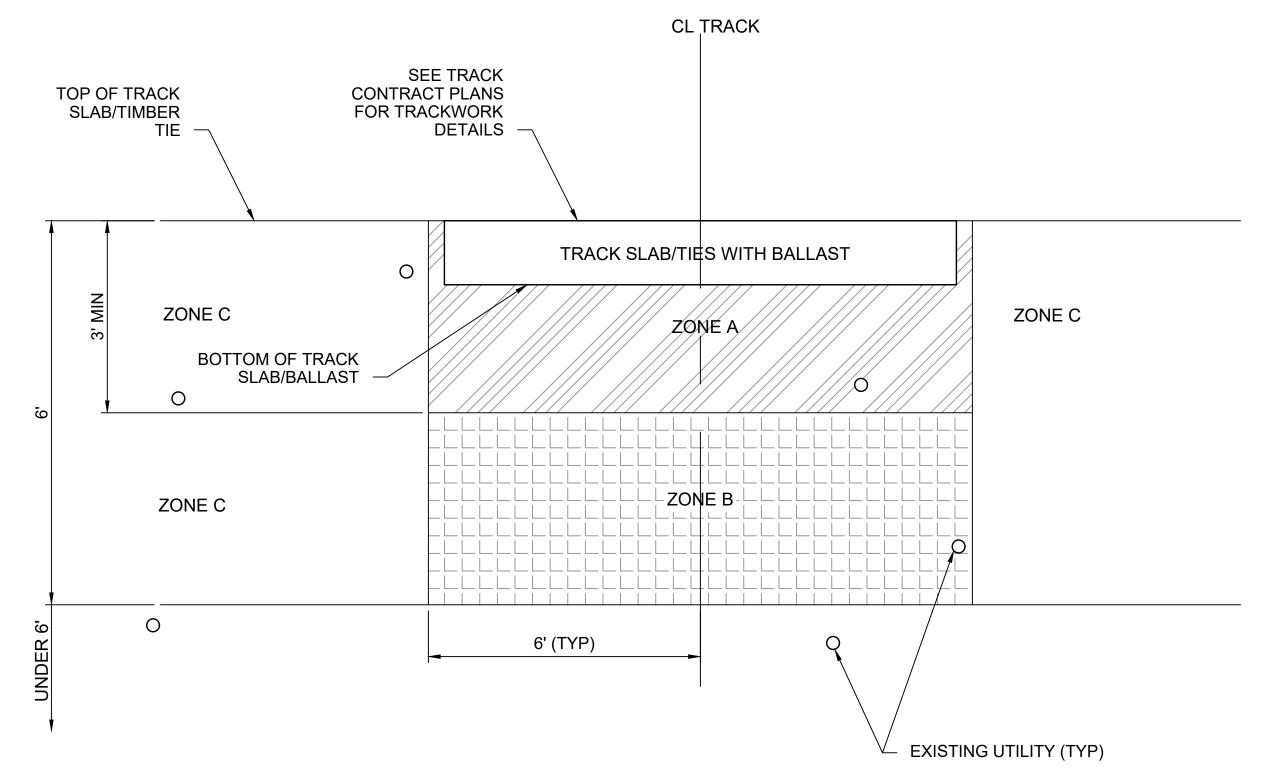
RAWING No.:





ZONE PREFERRED CONFIGURATION RELOCATE UTILITY (PREFERRED) OR PROVIDE STRUCTURAL PROTECTION (SEE NOTE 1) RELOCATE UTILITY OR PROVIDE STRUCTURAL PROTECTION (SEE NOTE 1) NO MODIFICATION REQUIRED UNLESS SPECIAL CONCERN DUE TO AGE, CONDITION, REPLACEMENT FREQUENCY, ACCESS, OR RISK.

UTILITY MAIN - TRANSVERSE CROSSING (SINGLE TRACK CONFIGURATION SHOWN) 1



ZONE	PREFERRED CONFIGURATION
А	RELOCATE UTILITY (PREFERRED) OR PROVIDE STRUCTURAL PROTECTION. (SEE NOTE 1)
В	RELOCATE UTILITY OR PROVIDE STRUCTURAL PROTECTION (SEE NOTE 1)
С	NO MODIFICATION REQUIRED UNLESS SPECIAL CONCERN DUE TO AGE, CONDITION, REPLACEMENT FREQUENCY, ACCESS, OR RISK.

UTILITY MAIN - PARALLEL (SINGLE TRACK CONFIGURATION SHOWN) 2

2024 NEW GUIDANCE DRAWING

NED BY:	
N BY:	
KED BY:	
OVED BY:	

SUBMITTED BY:	DATE:	REVIEWED BY:

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SoundTransi

	SCALE:
	NTS
	FILENAME:
	GUI-UCD101
T	CONTRACT No.:
	RTA/LR -
	DATE:

NOTES:

SOUND TRANSIT GUIDANCE DRAWINGS CIVIL & UTILITIES

1. STRUCTURAL PROTECTION MAY INCLUDE INSTALLATION OF PIPE CASING OR CONCRETE COVER

DRAWING No.:
GUI-UCD101
FACILITY ID:

TYPICAL UNDERGROUND UTILITY CONFIGURATION GUIDANCE