

STANDARD DRAWINGS ENSURE THE APPLICATION OF UNIFORM STANDARDS FOR THE DESIGN, FABRICATION, INSTALLATION, AND CONSTRUCTION OF SPECIFIC ITEMS OF WORK FOR THE SOUND TRANSIT LINK LIGHT RAIL, SOUNDER COMMUTER RAIL, REGIONAL EXPRESS BUS, AND STRIDE BUS RAPID TRANSIT SYSTEMS. STANDARD DRAWINGS ARE PRESCRIPTIVE DOCUMENTS FOR ALL PROJECTS.

STANDARD DRAWINGS SHALL BE USED IN THE DESIGN OF INTERFACE POINTS, PROJECT SPECIFIC ITEMS OF WORK OR AS A BASIS FOR PRESENTATION OF DESIGN INFORMATION. THE DESIGNER OF RECORD SHALL REVIEW THE STANDARD DRAWINGS IN CONJUNCTION WITH OTHER CONTRACT DOCUMENTS, AND VALIDATE, FINALIZE, STAMP, AND SIGN THESE DRAWINGS FOR INCLUSION INTO THE PROJECT CONTRACT DOCUMENTS.

IF THE DESIGNER RECOMMENDS THAT AN ASPECT OR ASPECTS OF THESE STANDARD DRAWINGS BE MODIFIED, THE DESIGNER SHALL INFORM THE DESIGN MANAGER ON THE PROJECT AND SECURE CONCURRENCE FROM ENGINEERING FOLLOWING MODIFICATION PROCESS IDENTIFIED IN ENGINEERING PROCEDURES.

THE STANDARD DRAWINGS DO NOT SUBSTITUTE FOR THE DESIGNER'S USE OF INDEPENDENT ENGINEERING JUDGEMENT AND SOUND ENGINEERING PRACTICE, NOR DO THEY RELIEVE THE DESIGN CONSULTANT FROM THE PROFESSIONAL RESPONSIBILITY OF DEVELOPING AN APPROPRIATE DESIGN AND COMPLYING WITH THE STANDARD OF CARE.



# ARCHITECTURAL **STANDARD DRAWINGS**

# **MARCH 2024**

APPLICABILITY OF CURRENT VERSION SUPERSEDES JANUARY 2021 VERSION FOR PROJECTS THAT ARE BASELINED AFTER MARCH 29, 2024

# ARCHITECTURAL STANDARD DRAWINGS

RAWING No.:

STD-AZT001

REV:

1



# DISCLAIMER FOR Design and Engineering Design Standards Documents

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- 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
DRAWING NUMBER	REV	TITLE
STD-AZT001	1	COVER SHEET
STD-AZI001	3	INDEX OF DRAWINGS
STD-APP211	1	AT-GRADE CENTER PLATFORM ENTRY LEVEL
STD-APP212	1	AT-GRADE SIDE PLATFORM ENTRY LAYOUT
STD-ATD222	1	PUBLIC STAIRS RUNNEL DETAILS
STD-AVD228	1	ELEVATORS CABS WITH GLAZING AT SIDES
STD-AID240	1	RESTROOMS
STD-APP270	4	INFORMATION KIOSK AT CENTER PLATFORM
STD-APP271	4	INFORMATION KIOSK AT SIDE PLATFORM
STD-ADD280	1	WINDSCREENS AT CENTER PLATFORM
STD-ASD301	1	TICKET VENDING MACHINE AND SMART CARD READERS
STD-ASD305	1	EQUIPMENT MOUNTING ELEVATIONS AND DETAILS
STD-ATD325	1	EXIT STAIR DETAILS
STD-AVD340	1	ELEVATOR DETAILS
STD-APD350	3	TACTILE WAYFINDING PAVER LAYOUT & DETAILS
STD-APD351	1	TACTILE WAYFINDING PAVER DETAILS
STD-APD360	4	PLATFORM EDGE AND SLOPE WARNING BLOCK DETAILS
STD-AID370	1	TOILET ACCESSORIES
STD-AND500	1	SIGNAGE TYPES
STD-AND501	1	SIGNAGE MOUNTING DETAILS
STD-AND502	1	SIGNAGE MOUNTING DETAILS

						DESIGNED BY:
						DRAWN BY:
3	2/2024				2024 REVISED STANDARD DRAWINGS	
2	1/2021				NTD TU1006-ADMENDEMNT 1 PLATFORM EGE TILE	CHECKED BY:
1	3/2020				NTD TU-1006 PLATFORM EDGE TILE	
0	8/2019				NEW - ARCH DIRECTIVE AND STANDARD DWGS	APPROVED BY:
No.	DATE	DSN	СНК	APP	REVISION	

					SCALE:
			LE T		NTS
			IS 1" SCA		FILENAME: STD-/
				SoundTransit	CONTRACT No.: RTA/LR -
SUBMITTED BY:	DATE:	REVIEWED BY:		DATE:	DATE:
-	-	-		-	2/2024

-AZI001

# SOUND TRANSIT STANDARD DRAWINGS ARCHITECTURAL

INDEX OF DRAWINGS

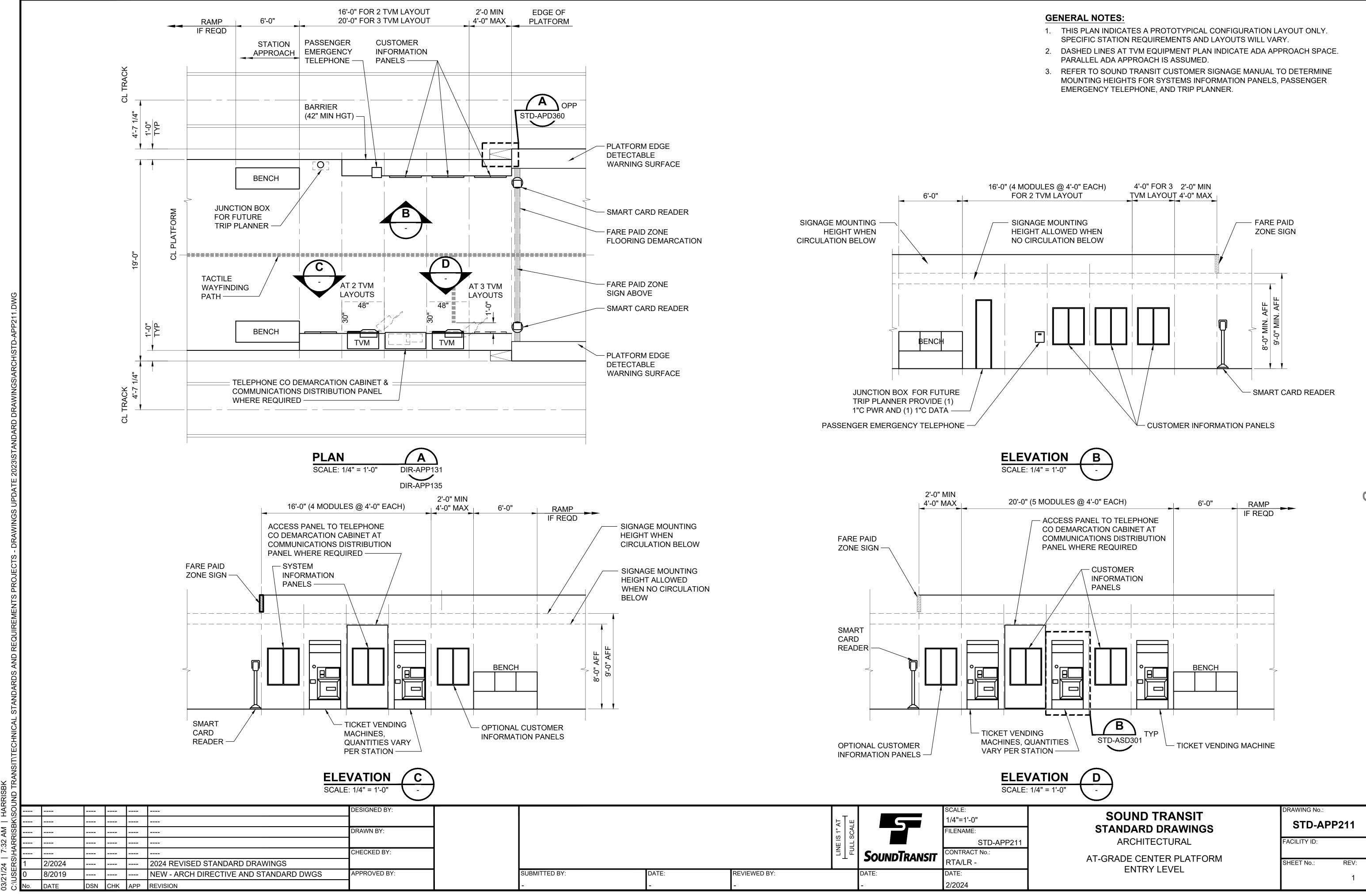
DRAWING No.:

STD-AZI001

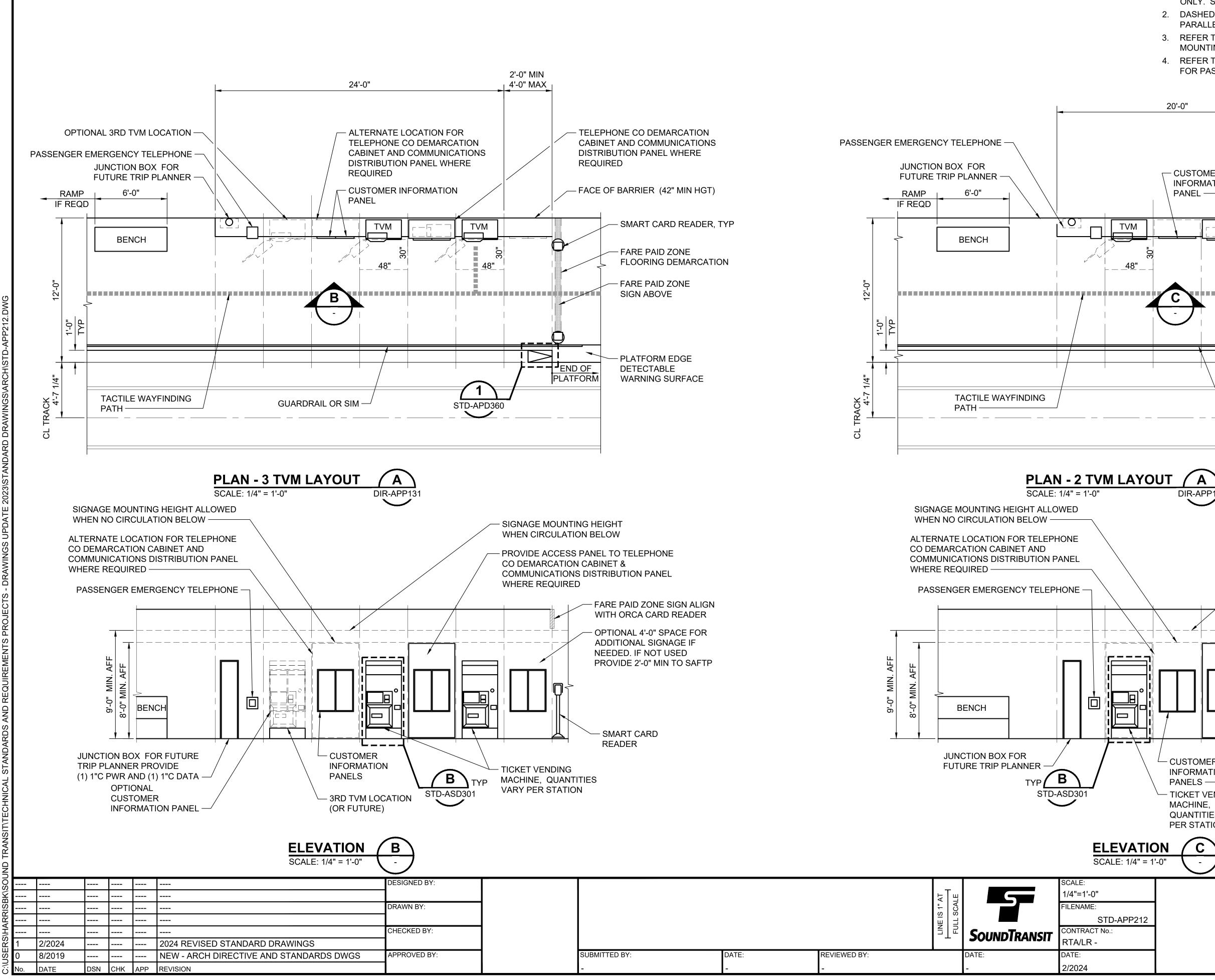
SHEET No.:

FACILITY ID:

3



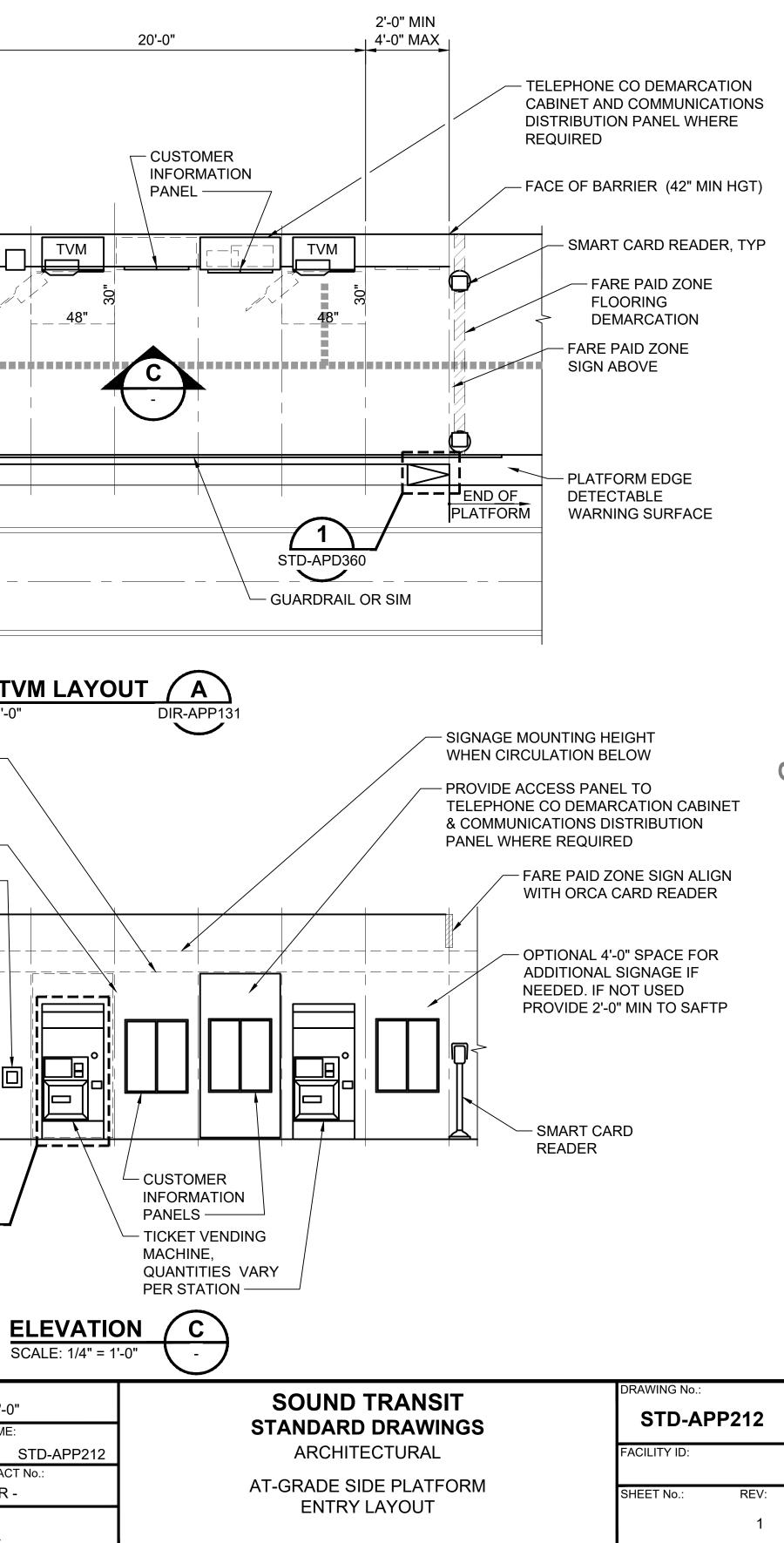
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SUBMITTED BY:	DATE:	REVIEWED BY:		DATE:	DATE:
-	-	-		-	2/2024

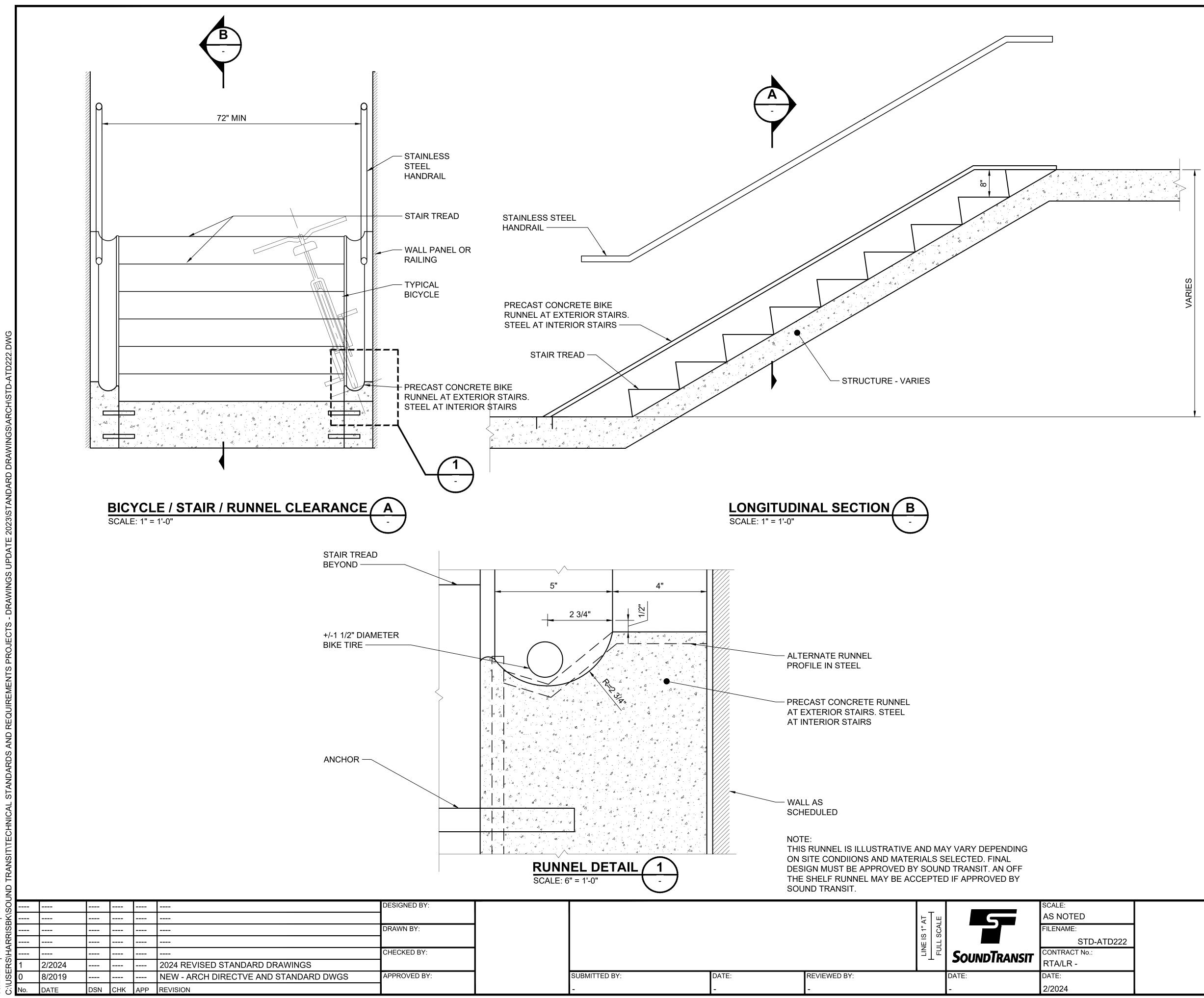


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SUBMITTED BY:	DATE:	REVIEWED BY:		DATE:	DATE:
-	-	-		-	2/2024

# **GENERAL NOTES:**

- 1. THIS PLAN INDICATES A PROTOTYPICAL CONFIGURATION FOR A 3 TVM LAYOUT ONLY. SPECIFIC STATION REQUIREMENTS AND LAYOUTS WILL VARY.
- 2. DASHED LINES AT TVM EQUIPMENT PLAN INDICATE ADA APPROACH SPACE. PARALLEL ADA APPROACH IS ASSUMED.
- 3. REFER TO SOUND TRANSIT CUSTOMER SIGNAGE MANUAL TO DETERMINE
- MOUNTING HEIGHTS FOR CUSTOMER INFORMATION PANELS, AND TRIP PLANNER. 4. REFER TO SYSTEMS GUIDANCE DRAWINGS TO DETERMINE MOUNTING HEIGHTS FOR PASSENGER EMERGENCY TELEPHONES.





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# **GENERAL NOTES:**

- 1. BIKE RUNNELS SHALL BE PROVIDED ON BOTH SIDES OF STRAIGHT STAIRS FOR ASCENT AND DESCENT (WITHOUT USER CONFLICT).
- 2. BIKE RUNNELS SHALL BE PROVIDED ON THE OUTER SIDE OF SWITCHBACK STAIRS ONLY.

# SOUND TRANSIT STANDARD DRAWINGS ARCHITECTURAL

PUBLIC STAIRS RUNNEL DETAILS

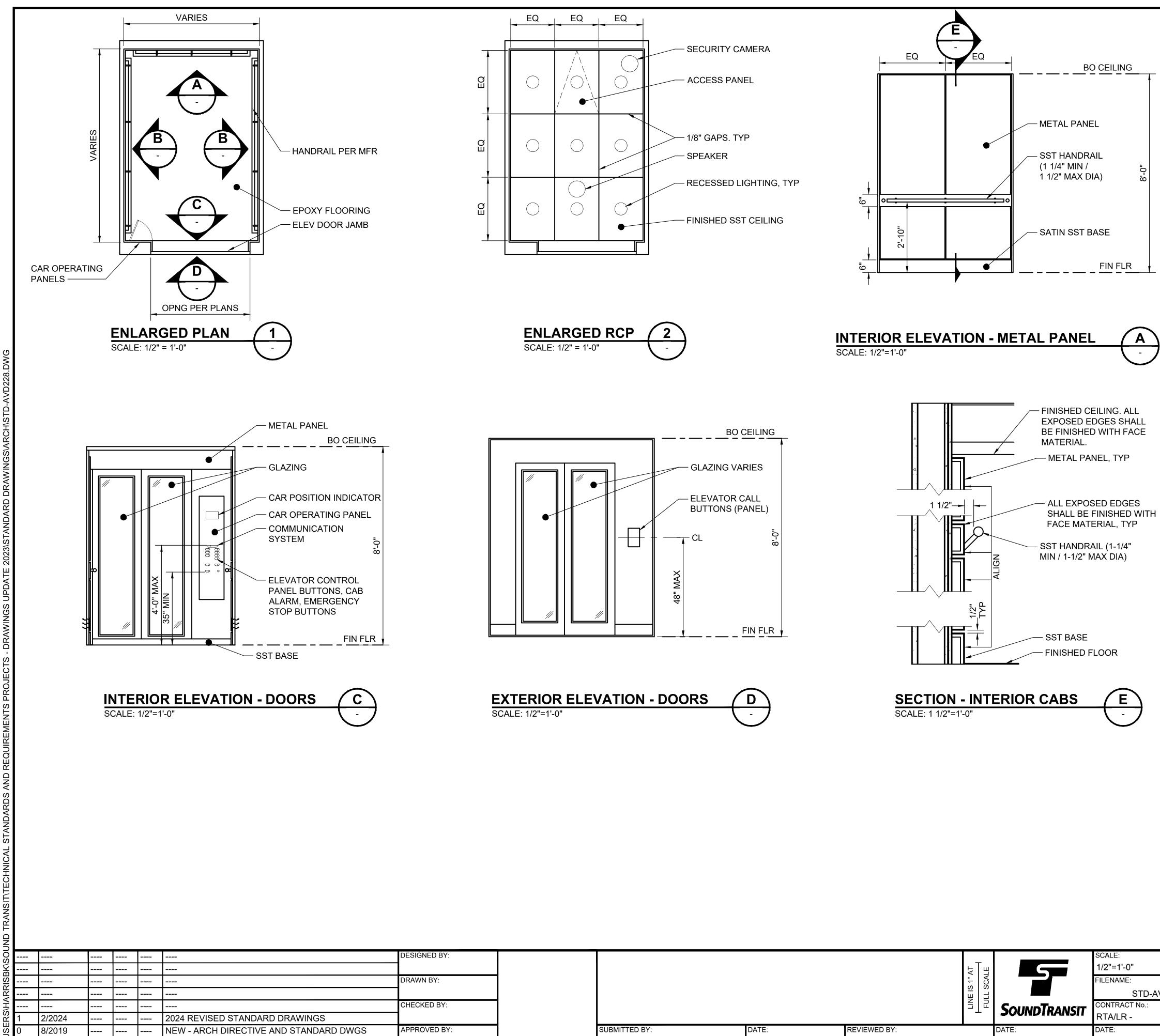
RAWING No.:

STD-ATD222

SHEET No.:

FACILITY ID:

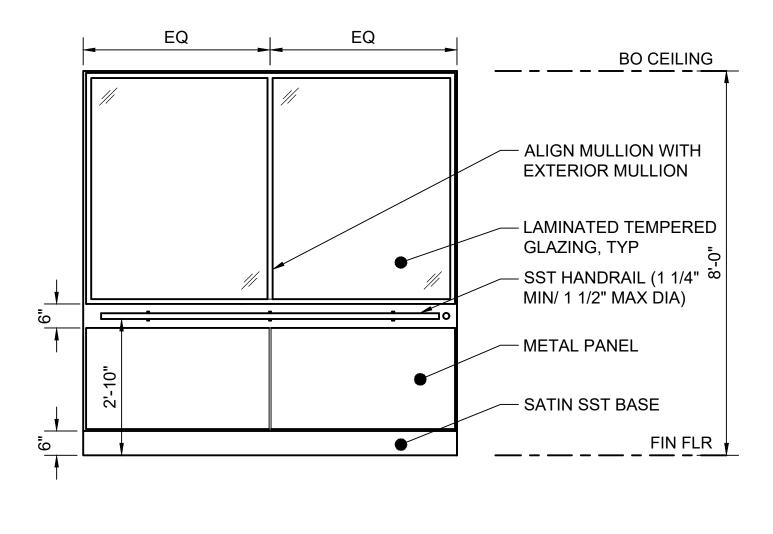
1



DATE

DSN CHK APP REVISION

			LINE IS 1" AT FULL SCALE		SCALE: 1/2"=1'-0" FILENAME: STD-AVD2 CONTRACT No.: RTA/LR -
SUBMITTED BY:	DATE:	REVIEWED BY:		DATE:	DATE:
-	-	-		-	2/2024





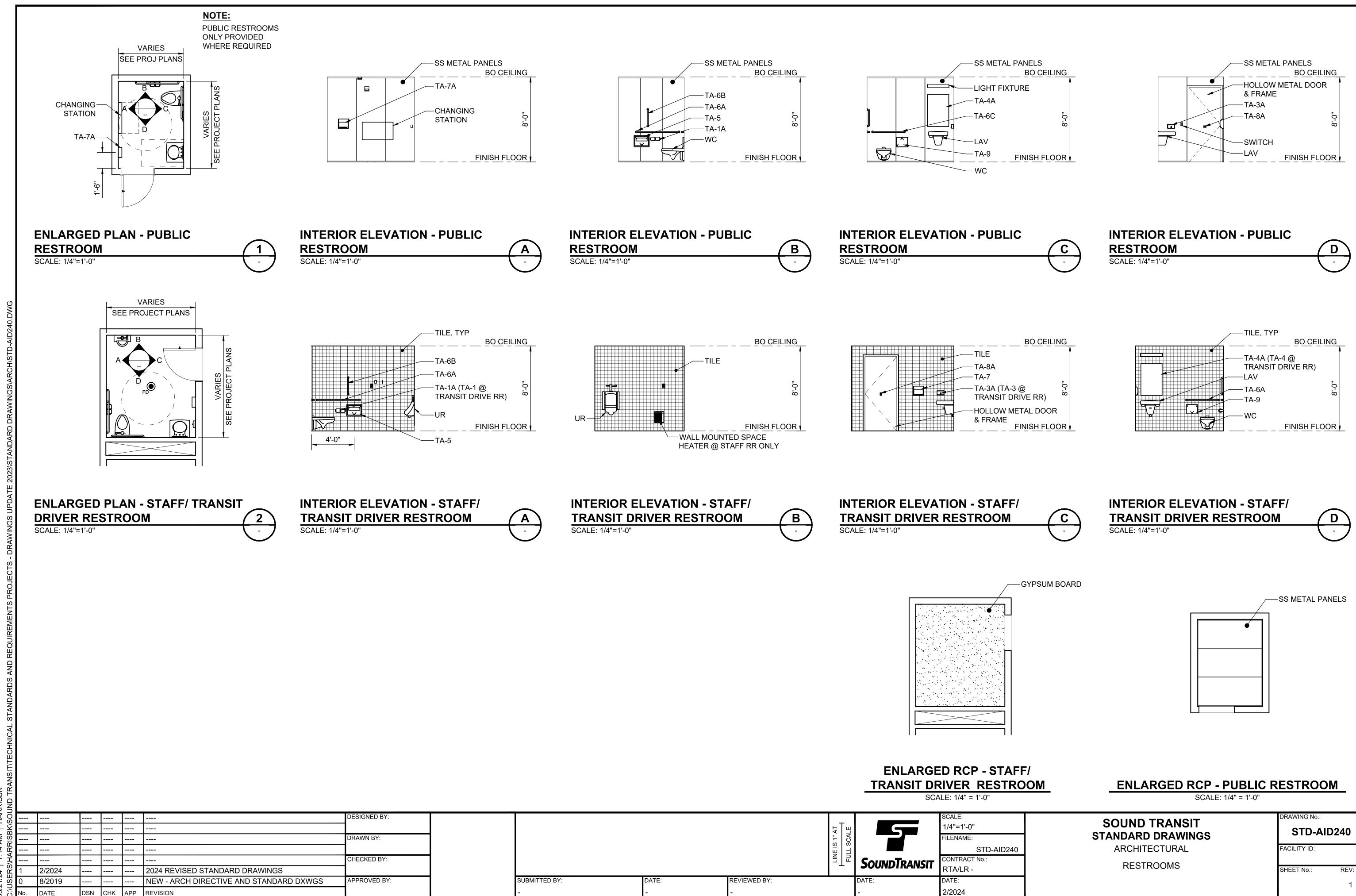
	SOUND TRANSIT
	STANDARD DRAWINGS
AVD228	ARCHITECTURAL
	WITH GLAZING AT SIDES

DRAWING No.:

STD-AVD228

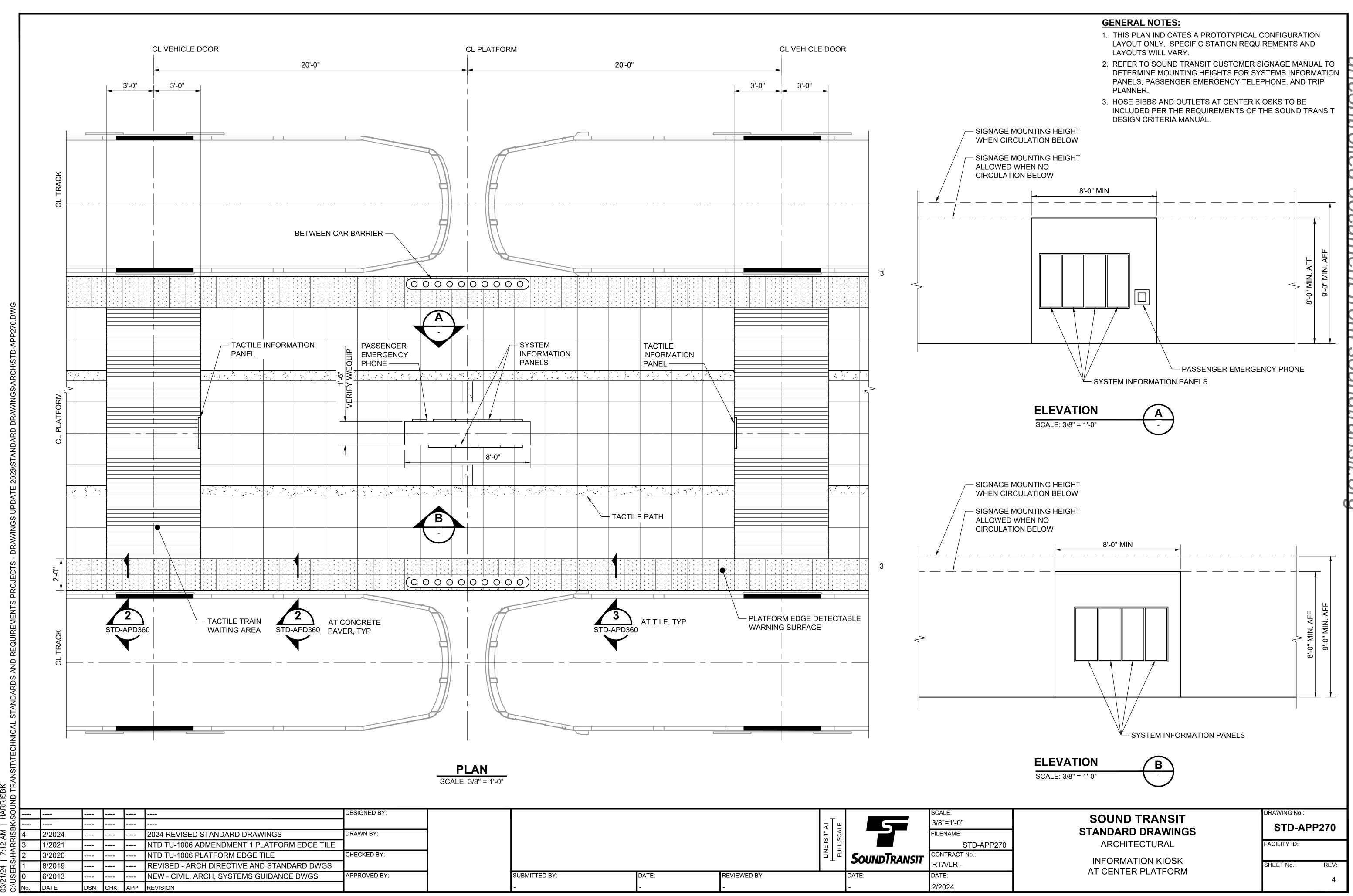
FACILITY ID:

SHEET No .:



INTERIOR ELEVATION - STAFF/	
TRANSIT DRIVER RESTROOM	
SCALE: 1/4"=1'-0"	

			LINE IS 1" AT FULL SCALE		SCALE: 1/4"=1'-0" FILENAME: STD-AID2 CONTRACT No.: RTA/LR -
SUBMITTED BY:	DATE:	REVIEWED BY:		DATE:	DATE:
-	-	-		-	2/2024

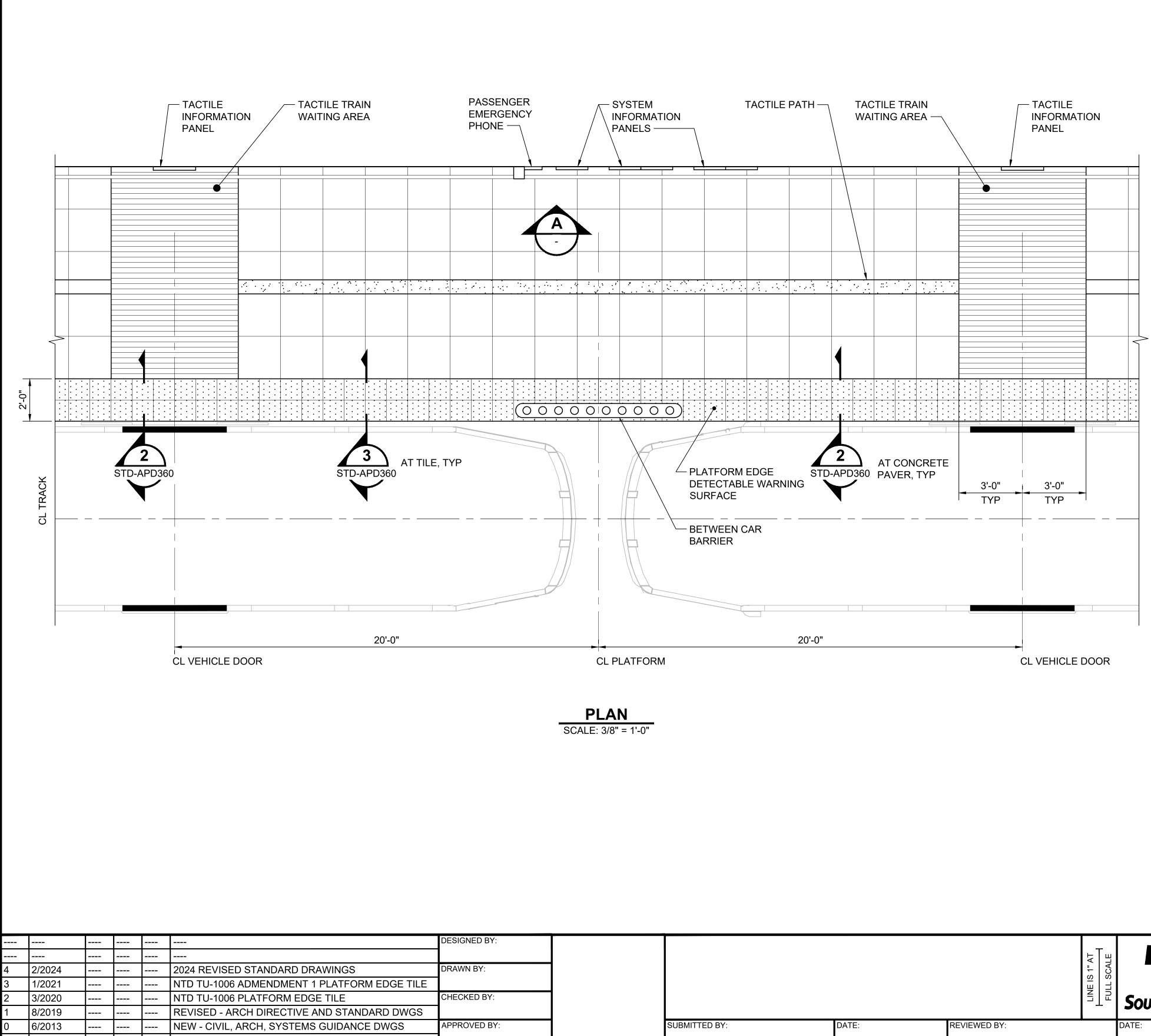


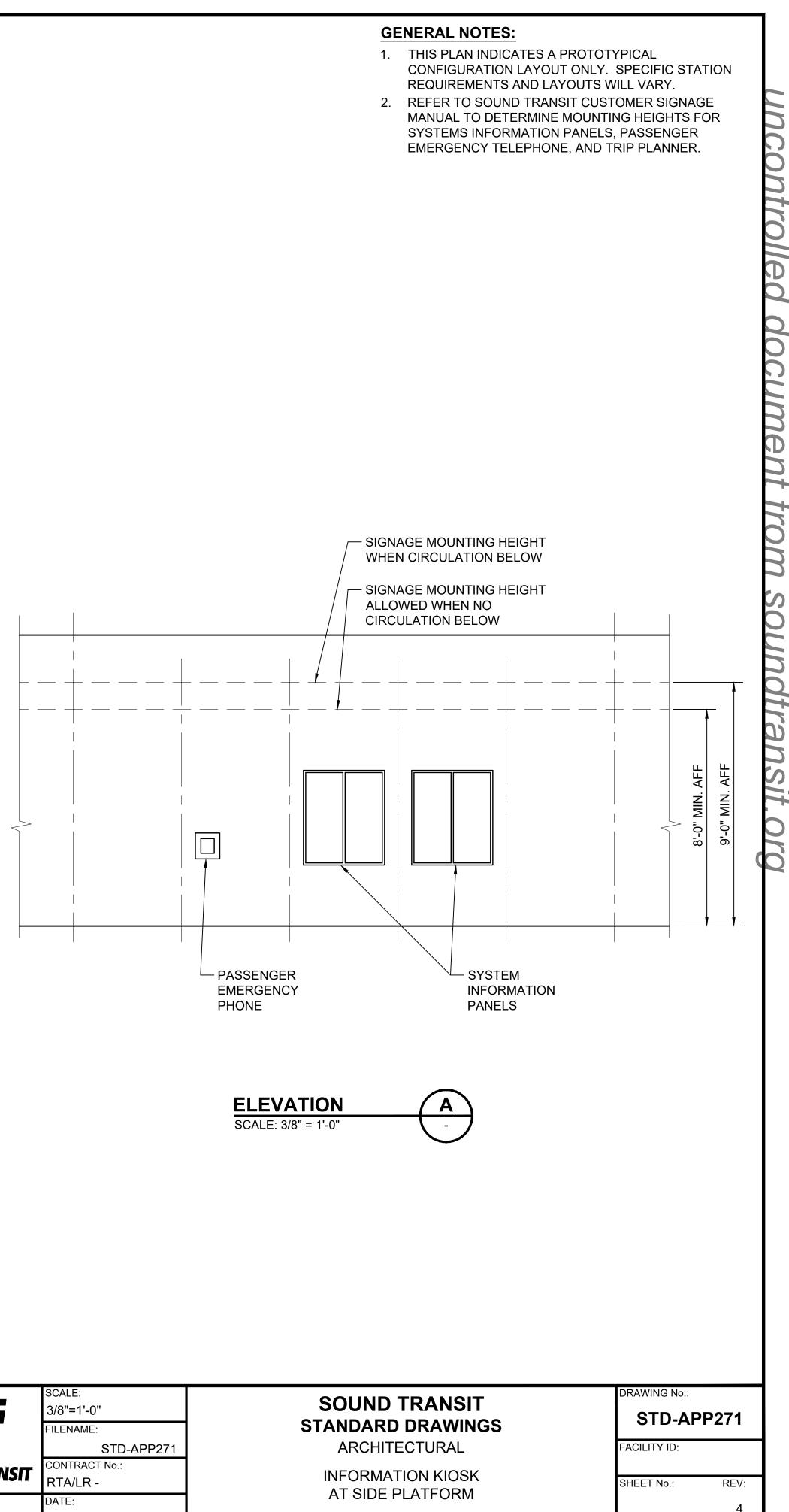
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SUBMITTED BY:	DATE:	REVIEWED BY:		DATE:	DATE:
-	-	-		-	2/2024

DATE

DSN CHK APP REVISION

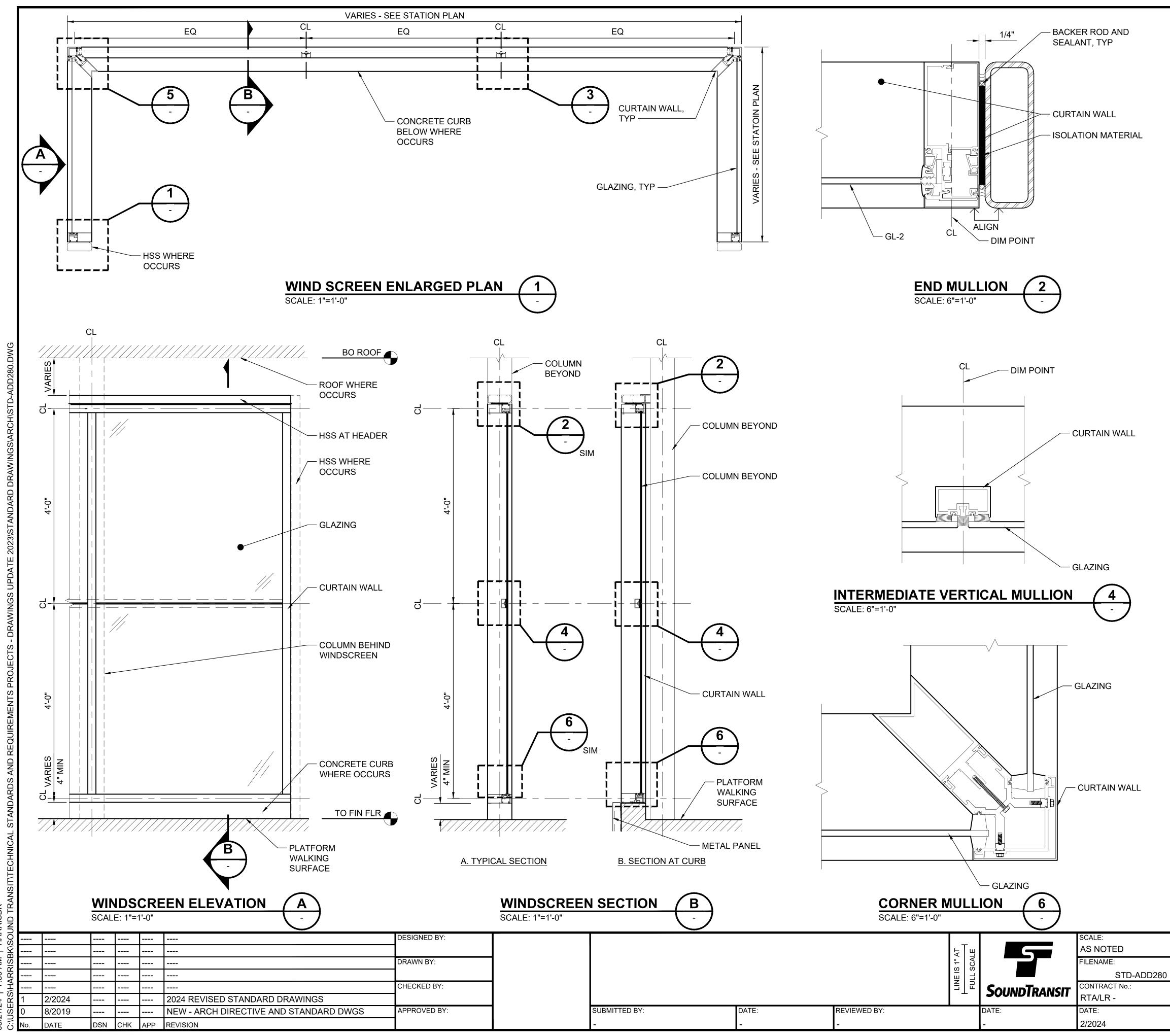






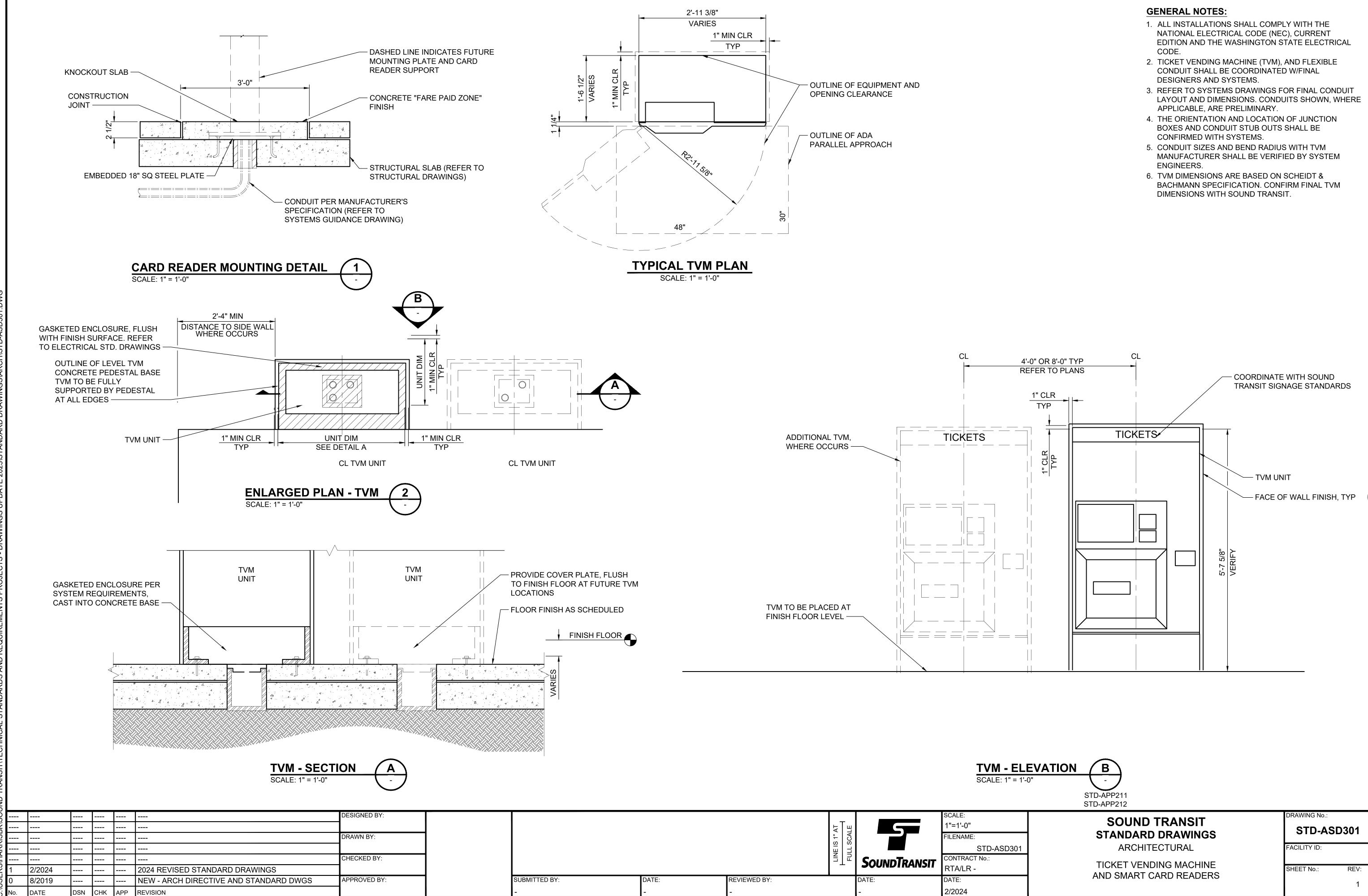
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SUBMITTED BY:	DATE: -	REVIEWED BY: -		DATE: -	DATE: 2/2024

3

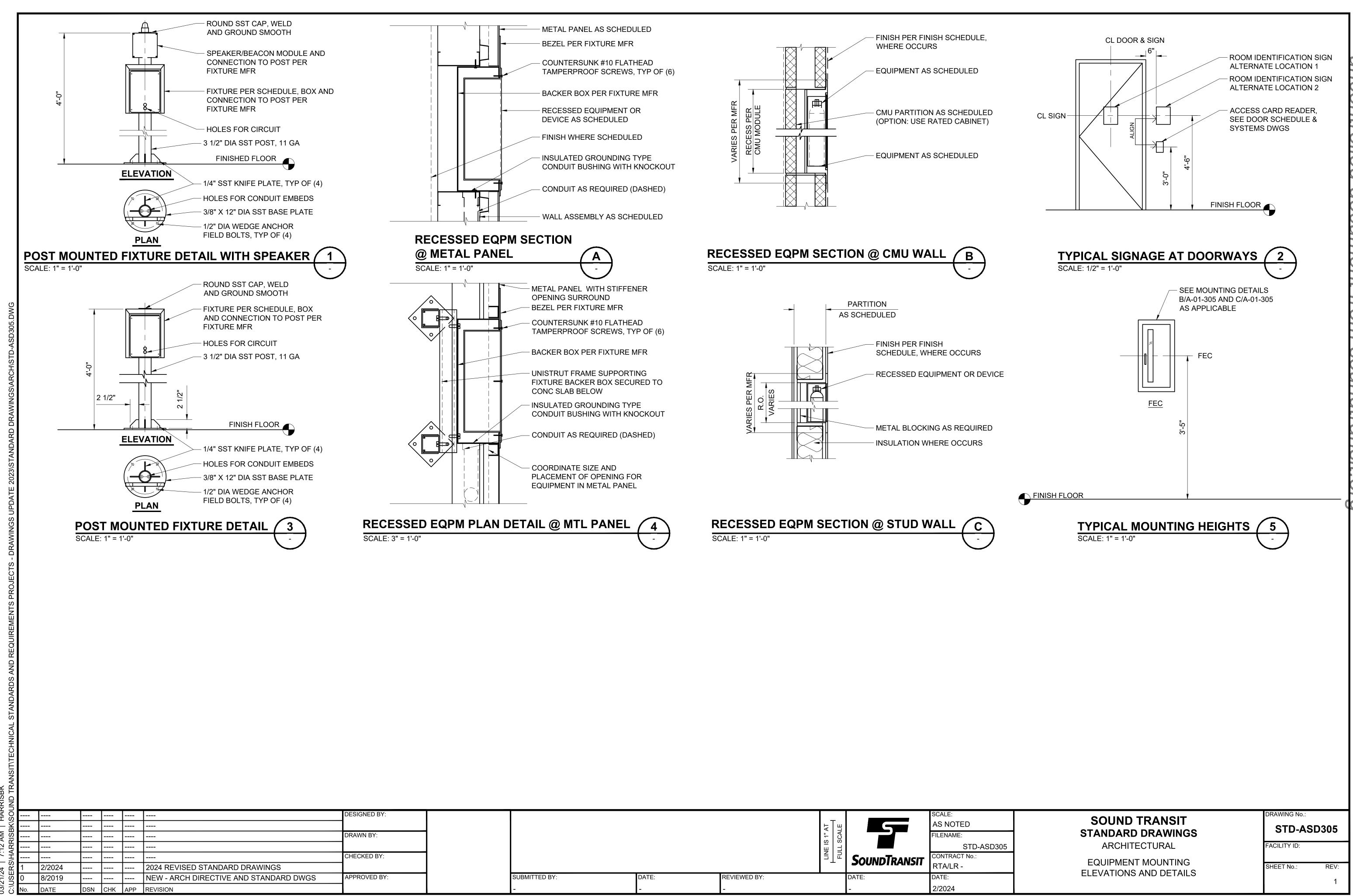


3/27/24 | 7:30 /

COLUMN BEYOND — HHS - HHS BRACED BACK TO COLUMN BEYOND - BACKER ROD AND SEALANT, TYP | || || || || || || || || || || DIM POINT CL - ISOLATION MATERIAL A - ISOLATION MATERIAL – GLAZING WINDSCREEN HEADER 3 SCALE: 6"=1'-0" - CURTAIN WALL DIM POINT CL GLAZING INTERMEDIATE HORIZONTAL MULLION 5 SCALE: 6"=1'-0" -CL EQ EQ - GLAZING - CURTAIN WALL - ISOLATION PAD - SHIM, W/ SEALANT & BACKER ROD METAL PANEL — 4 4 - EPOXY SET ANCHOR PER MFR - CONCRETE CURB SILL @ CONCRETE CURB 7 SCALE: 6"=1'-0" -RAWING No.: SOUND TRANSIT STD-ADD280 STANDARD DRAWINGS ARCHITECTURAL FACILITY ID: WINDSCREENS SHEET No.: REV: AT CENTER PLATFORM

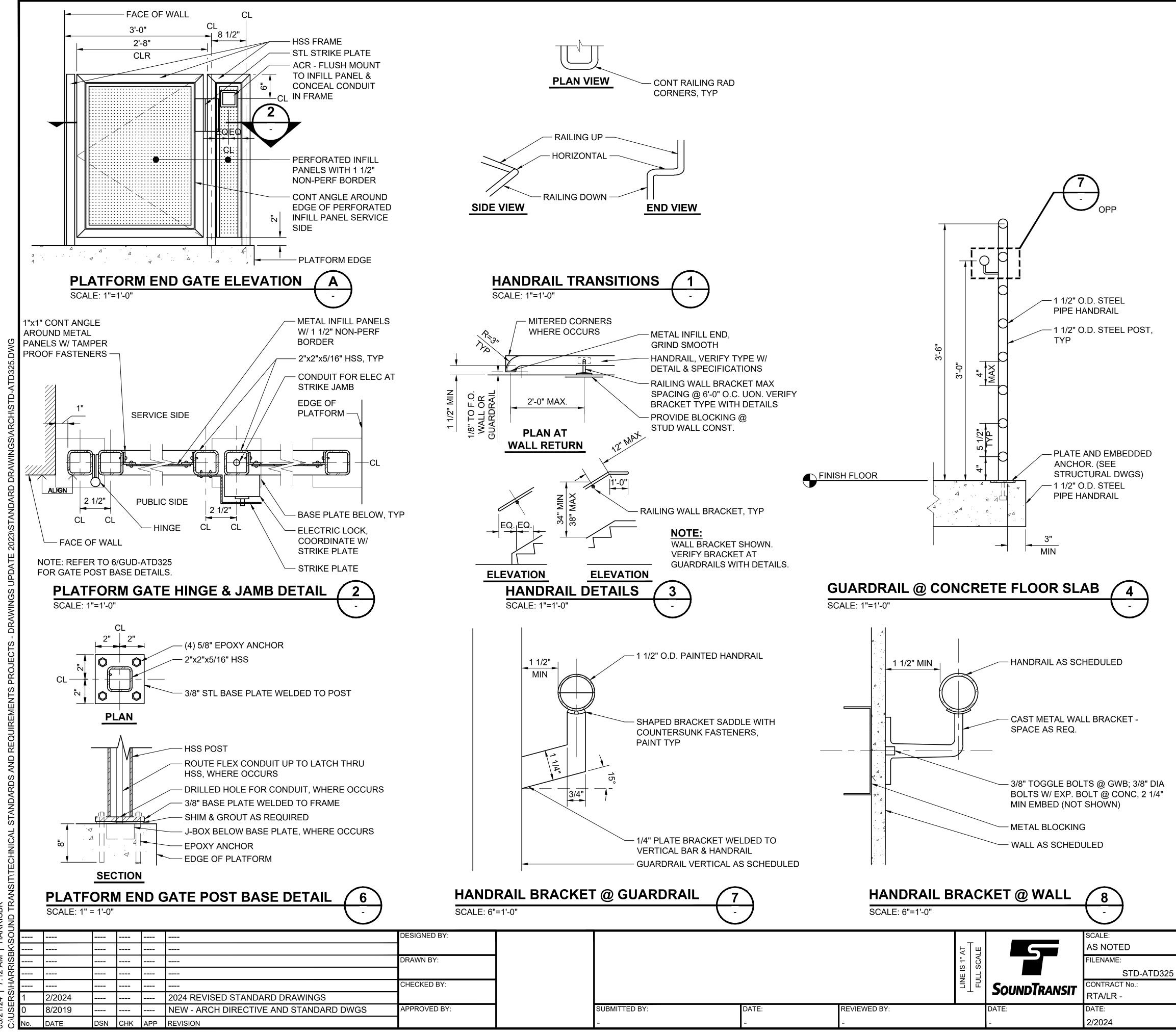


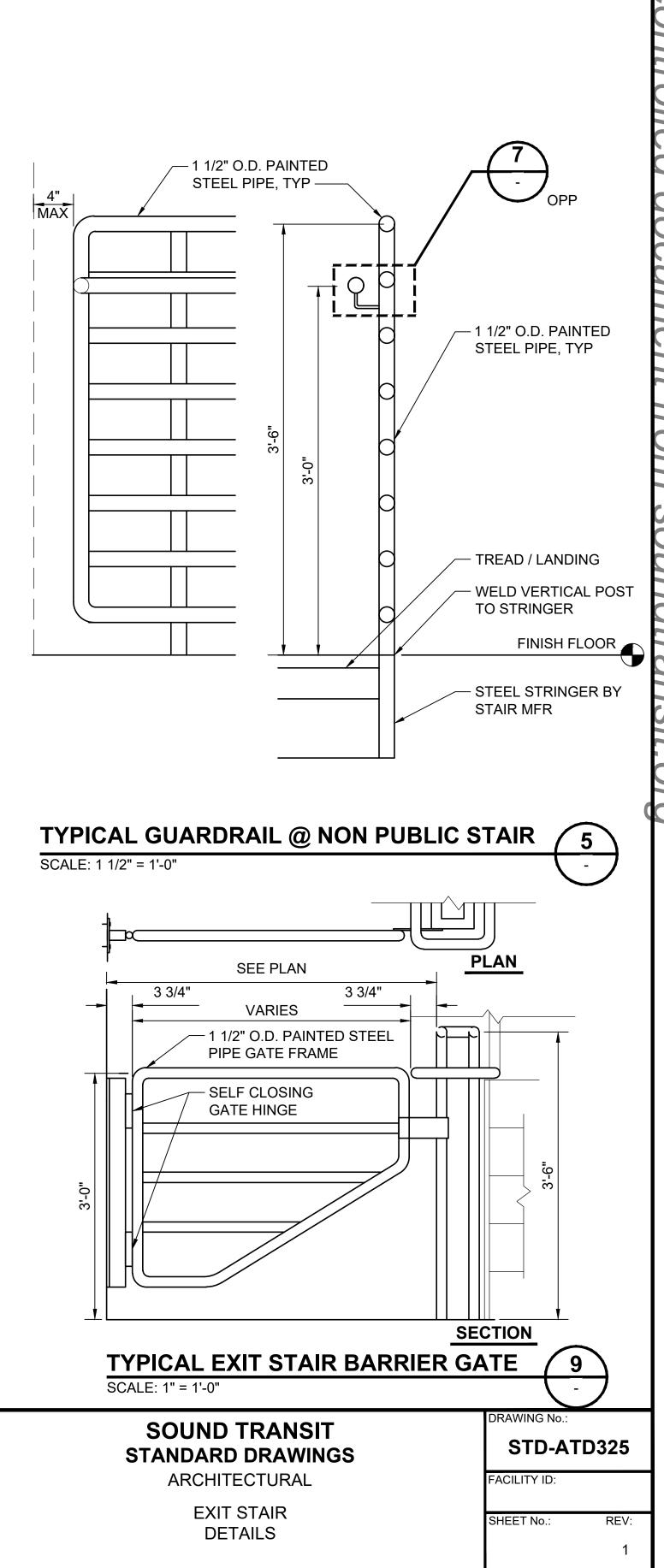
			LINE IS 1" AT FULL SCALE	5	SCALE: 1"=1'-0" FILENAME: STD-ASD
				SoundTransit	CONTRACT No.: RTA/LR -
SUBMITTED BY:	DATE:	REVIEWED BY:		DATE:	DATE:
-	-	-		-	2/2024

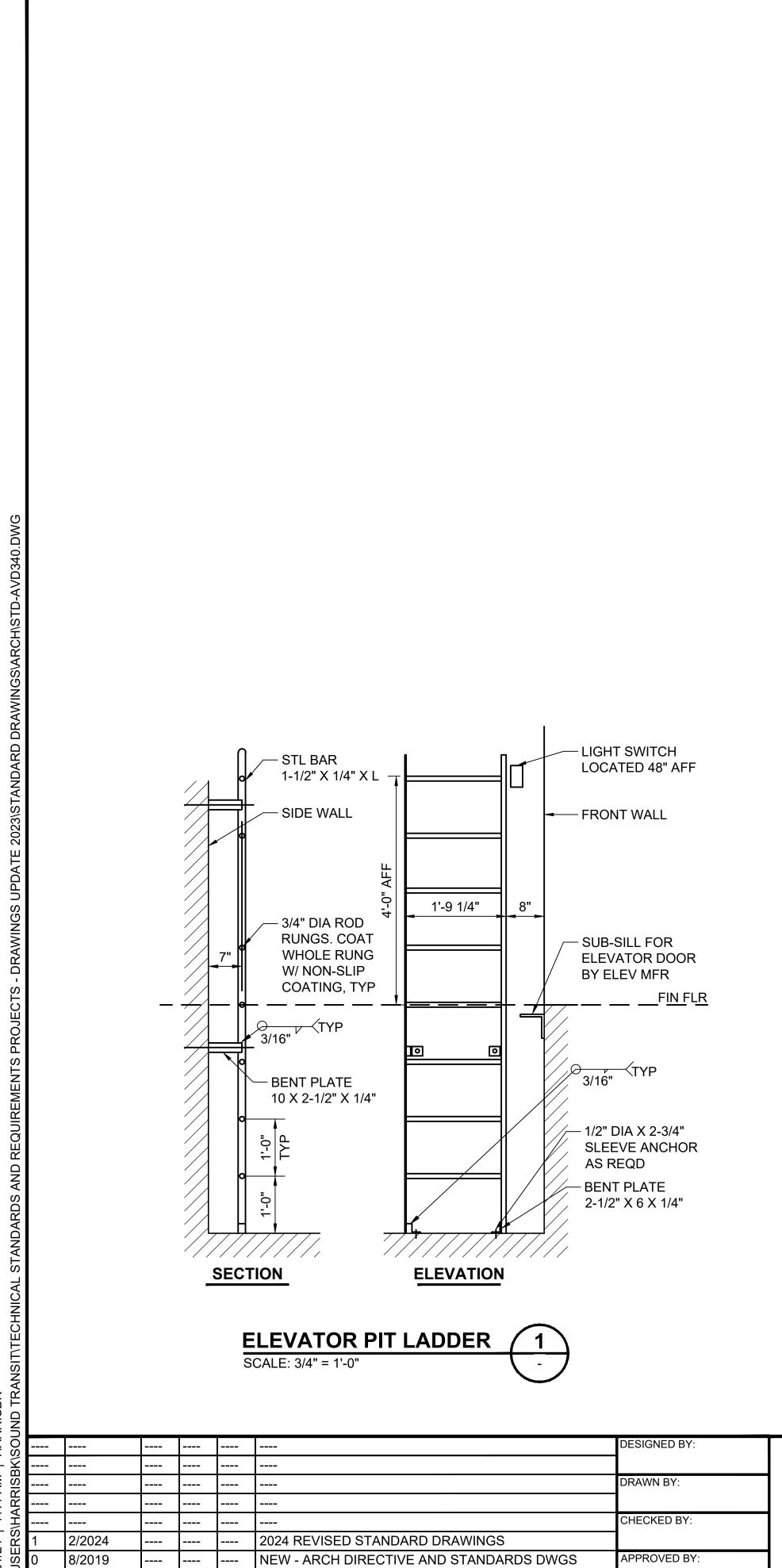


			U	
SCALE: 1" = 1'-0"				

			LINE IS 1" AT FULL SCALE		SCALE: AS NOTED FILENAME: STD-ASD CONTRACT No.: RTA/LR -
SUBMITTED BY:	DATE:	REVIEWED BY:		DATE:	DATE:
-	-	-		-	2/2024







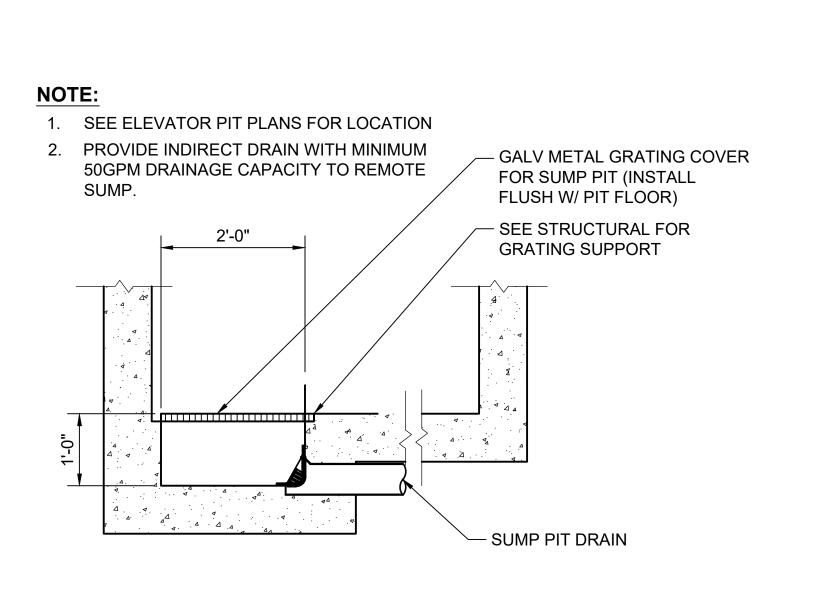
DATE

DSN CHK APP REVISION

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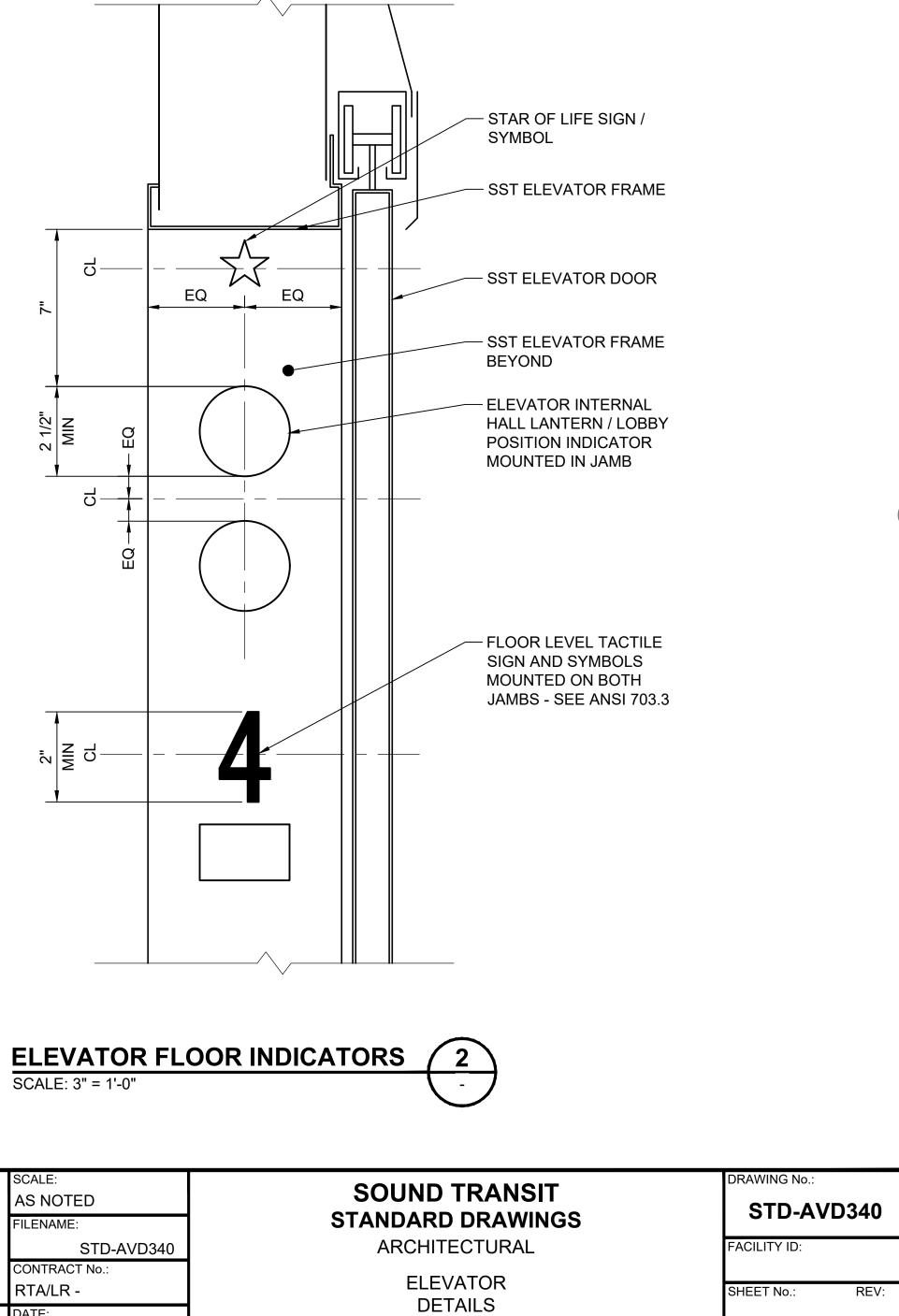
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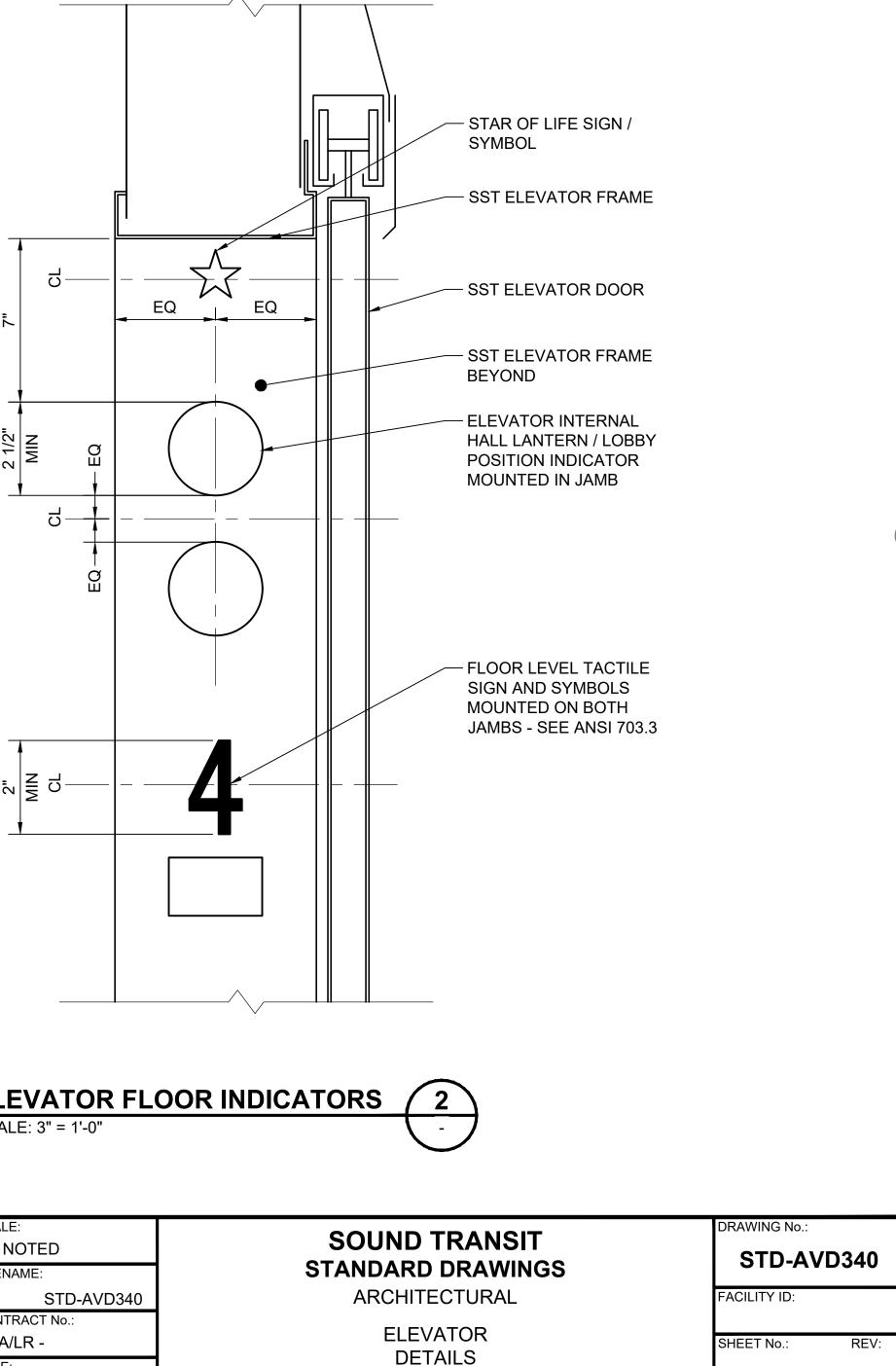
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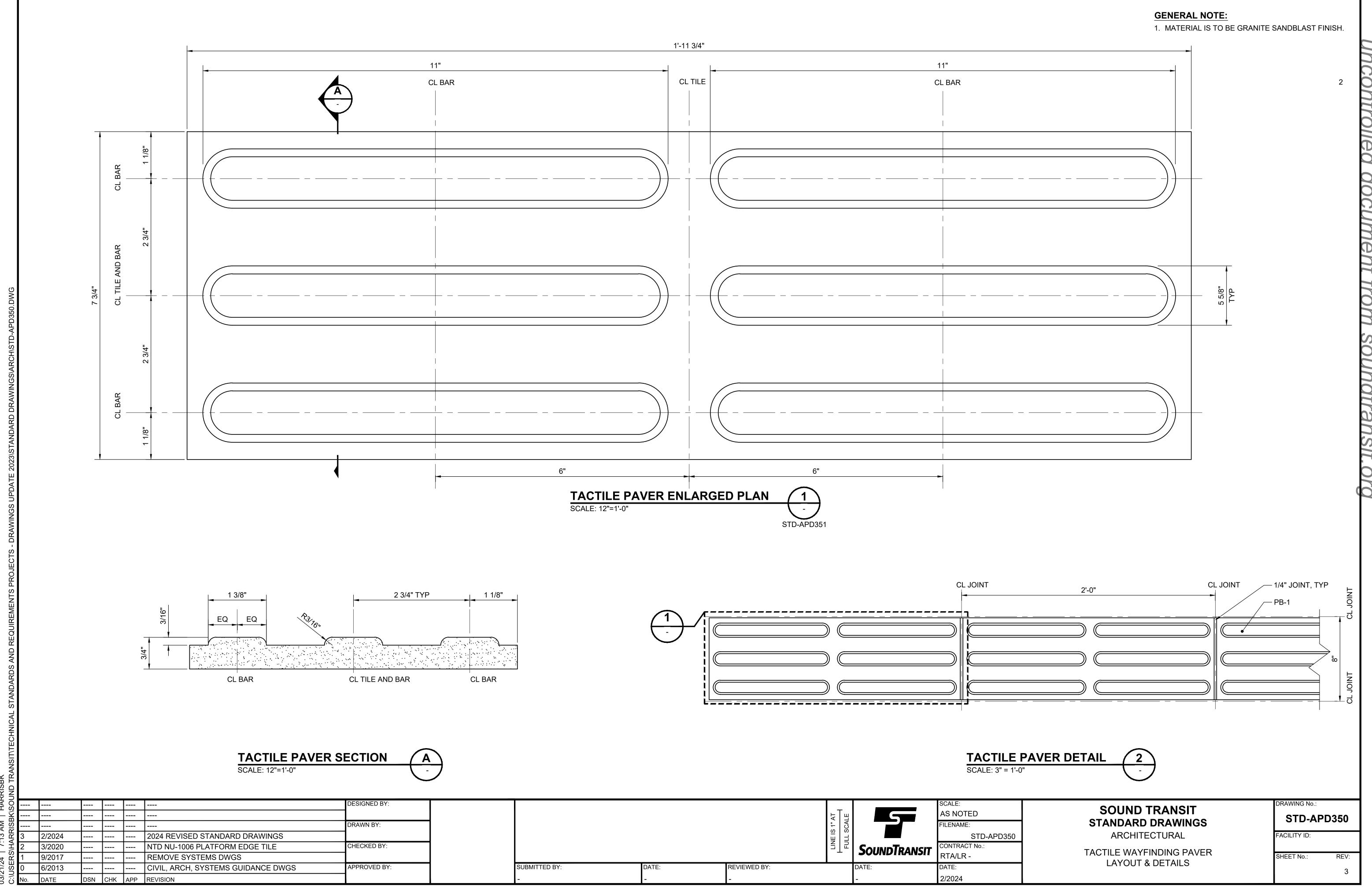


ELEVATOR SUMP PIT SECTION

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

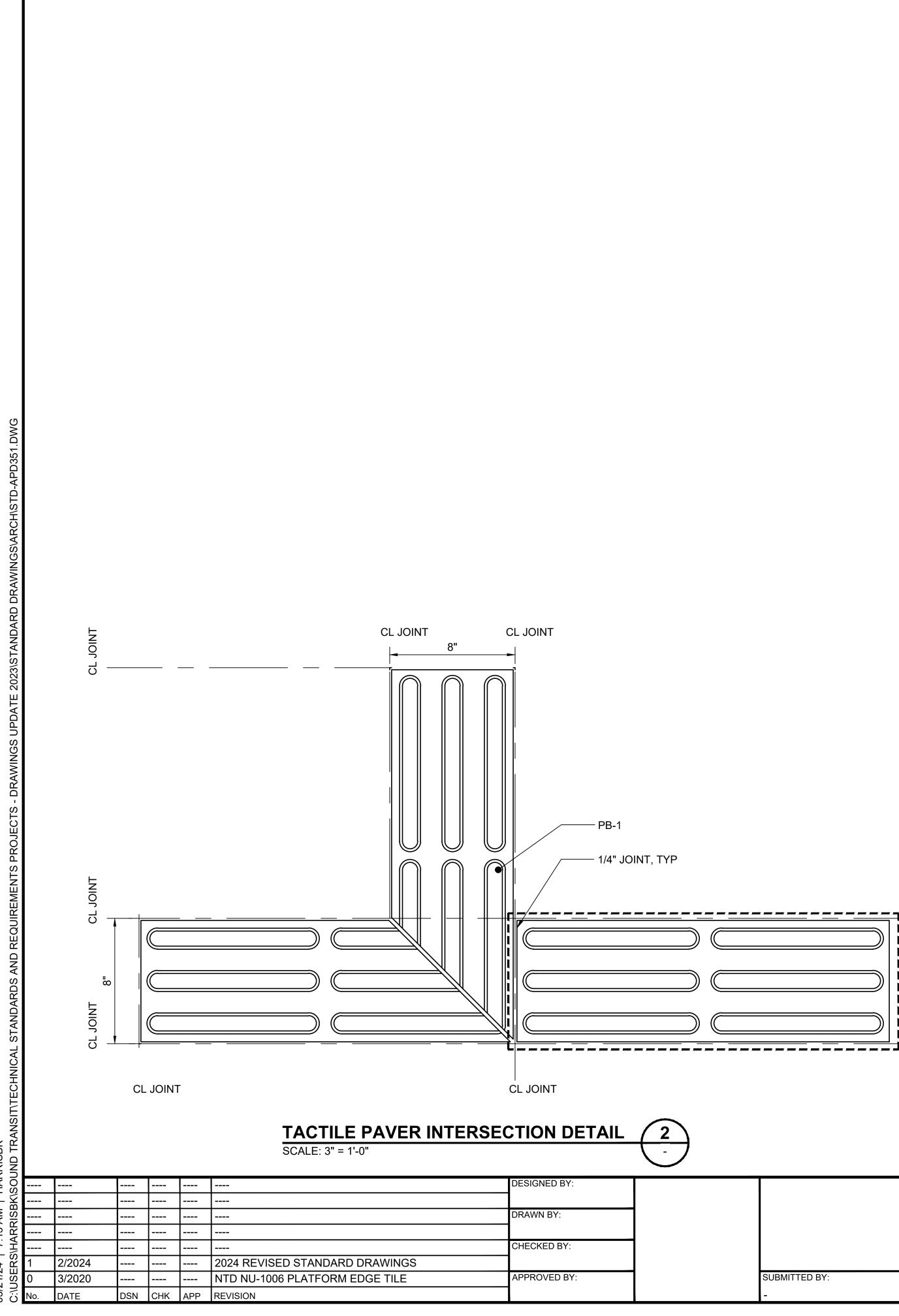






S

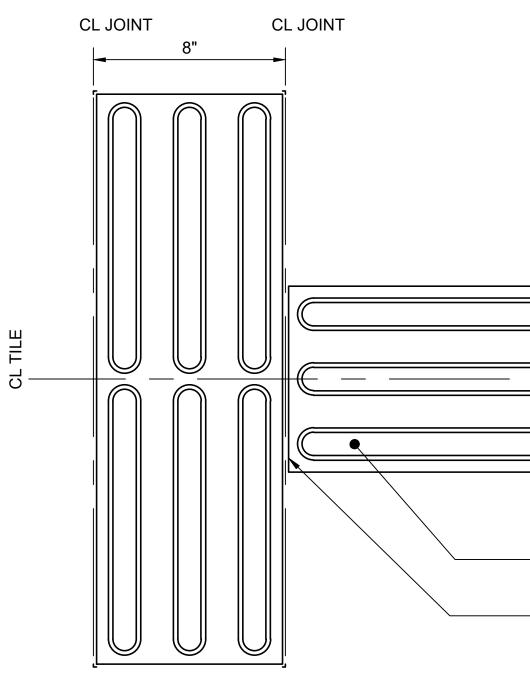
			LINE IS 1" AT FULL SCALE		SCALE: AS NOTED FILENAME: STD-APD CONTRACT No.: RTA/LR -
SUBMITTED BY:	DATE:	REVIEWED BY:		DATE:	DATE:
-	-	-		-	2/2024



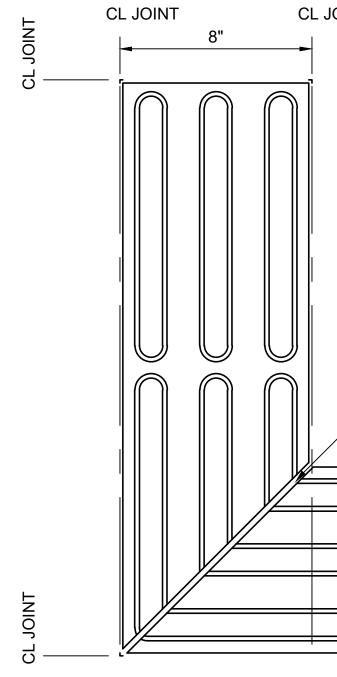
			LINE IS 1" AT FULL SCALE		SCALE: 3"=1'-0" FILENAME: STD-/ CONTRACT No.: RTA/LR -	٩PI
SUBMITTED BY:	DATE:	REVIEWED BY:		DATE:	DATE:	
-	-	-		-	2/2024	

STD-APD350 TYP

# SCALE: 3" = 1'-0"

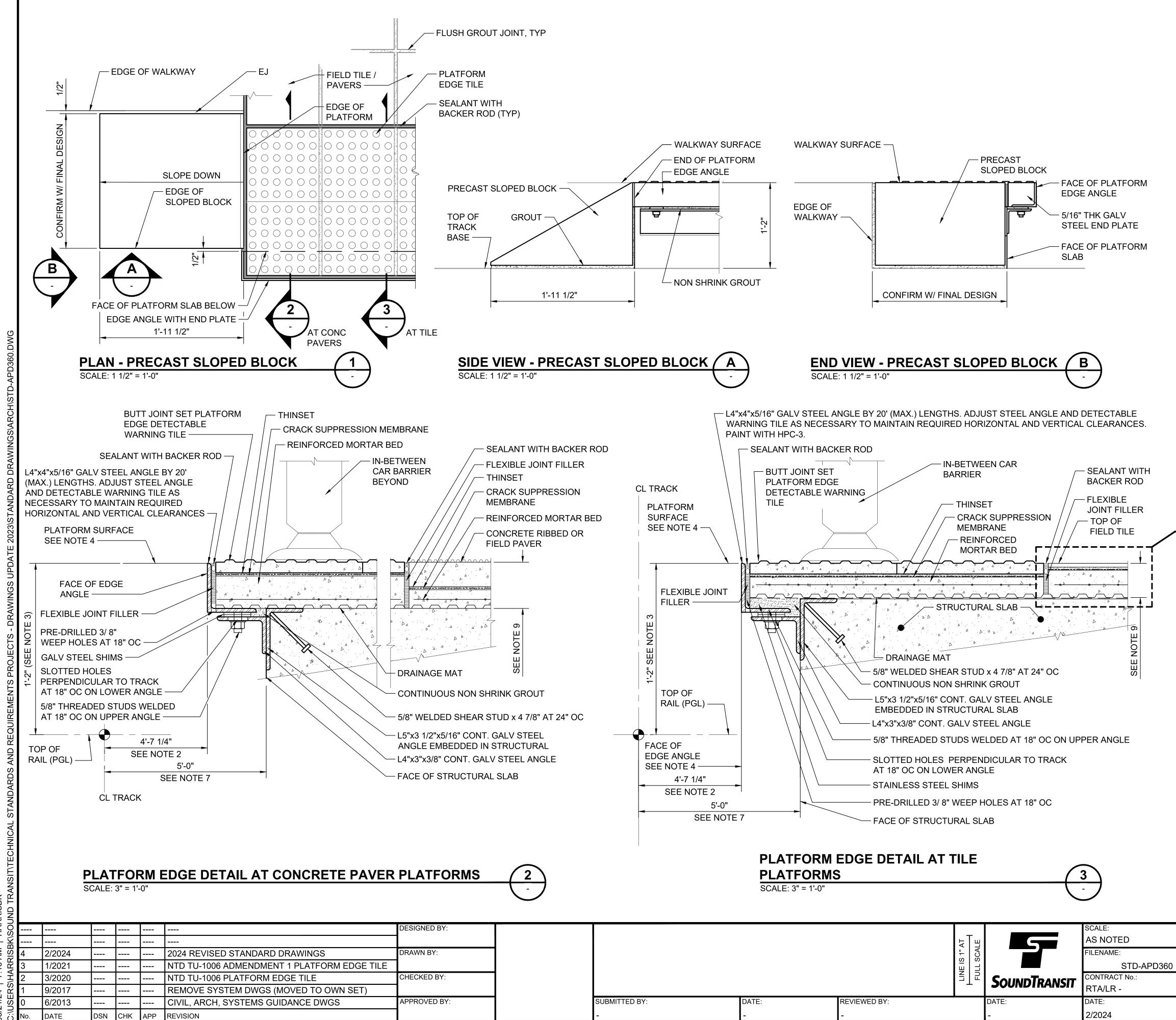






JOINT	
1/4" JOINT, TY	Р
/ PB-1	
R CORNER DETAIL	
	$\left(\begin{array}{c} 1\\ -\end{array}\right)$
	<b>U</b>
	CL JOINT

ОШ - DIRECTIONAL BAR PAVER TYPE PB-1 – 1/4" JOINT, TYP START OF TACTILE PATH DETAIL 3 -DRAWING No.: SOUND TRANSIT STD-APD351 STANDARD DRAWINGS ARCHITECTURAL APD351 FACILITY ID: TACTILE WAYFINDING PAVER SHEET No .: REV: DETAILS



			LINE IS 1" AT FULL SCALE		FILENAME: STD-APE CONTRACT No.: RTA/LR -
SUBMITTED BY:	DATE:	REVIEWED BY:		DATE:	DATE:
-	-	-		-	2/2024

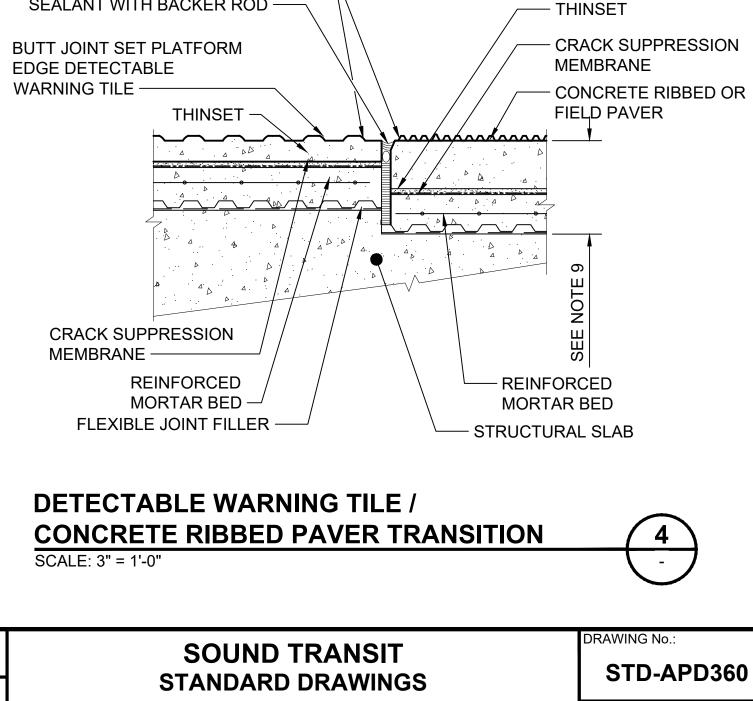
# **GENERAL NOTES:**

- 1. CONSTRUCTION SEQUENCE FOR PLATFORM EDGE TILE SHALL BE AS FOLLOWS:
- INSTALLATION OF STRUCTURAL CONCRETE FOR STATION PLATFORMS.
- INSTALLATION OF TRACK WORK AT STATION.
- EDGE ANGLE ALONG THE PLATFORM FACE PLACED AND ADJUSTED TO CONFORM TO THE TOLERANCES LISTED.
- INSTALLATION OF WATERPROOFING, WHERE REQUIRED.
- INSTALLATION OF DRAINAGE MAT OR CLEAVAGE MEMBRANE.
- PLACEMENT OF MORTAR BED.
- PLACEMENT OF CRACK SUPPRESSION MEMBRANE AND THINSET.
- PLACEMENT OF DETECTABLE WARNING TILES.
- PLACEMENT OF PLATFORM FIELD PAVERS OR FIELD TILES.
- INSTALLATION OF GROUT, SEALANT AND SEALER.
- 2. HORIZONTAL TOLERANCE: SEPARATION BETWEEN FACE OF PLATFORM EDGE ANGLE AND INSTALLED TRACK CENTERLINE SHALL NOT VARY MORE THAN PLUS 1/4-INCH OR MINUS 0 INCHES FROM THE INDICATED DIMENSION.
- 3. VERTICAL TOLERANCE: SEPARATION BETWEEN PLATFORM SURFACE AND THE ACTUAL INSTALLED TOP OF RAIL ELEVATIONS (PROFILE GRADE LINE) SHALL NOT VARY MORE THAN PLUS 0 INCHES OR MINUS 3/8 INCH FROM THE INDICATED DIMENSION.
- 4. ALONG THE LENGTH OF PLATFORM FACE AND AT THE PLATFORM SURFACE, RATE OF CHANGE VARIATIONS SHALL BE LIMITED TO 1/8-INCH IN 15 FEET.
- 5. TOLERANCE OF DETECTABLE WARNING TILE TO THE TOP OF PLATFORM EDGE ANGLE SHALL NOT VARY MORE THAN PLUS 1/16 INCH OR MINUS 0 INCHES.
- 6. THE SURFACE OF THE PLATFORM SLAB TO RECEIVE MORTAR BED FOR CONCRETE OR TILE UNIT PAVERS SHALL NOT VARY MORE THAN PLUS OR MINUS 1/4-INCH FROM SPOT ELEVATIONS INDICATED OR MORE THAN 1/4-INCH IN ANY 10-FOOT LENGTH.
- 7. THE VERTICAL FACE OF THE PLATFORM SLAB BENEATH THE PLATFORM EDGE ANGLE SHALL NOT VARY MORE THAN PLUS OR MINUS 1/4 INCH FROM THE INDICATED TRACK CENTERLINE OFFSET OR MORE THAN 1/8-INCH IN ANY 15-FOOT LENGTH.
- 8. COORDINATE TILE AND PAVER EXPANSION JOINTS WITH STRUCTURAL WORK. STRUCTURAL CONCRETE EXPANSION JOINTS, TILE EXPANSION JOINTS AND EDGE ANGLE JOINTS TO BE ALIGNED. DO NOT SPAN CONCRETE EXPANSION JOINTS WITH TILES.
- 9. ESTABLISH TOP OF STRUCTURAL SLAB TO ALLOW FOR FULL DEPTH INDICATED OF ALL COMPONENTS ASSOCIATED WITH SLAB WATERPROOFING AND TILE SETTING SYSTEM. COMPLY WITH APPLICABLE REQUIREMENTS OF TCNA, INCLUDING REINFORCING AND 1-1/2" MORTAR BED THICKNESS.

4

ALIGN LOWER PLANE OF TILE WITH LOWER PLANE OF RIBBED PAVER -

SEALANT WITH BACKER ROD -



FACILITY ID:

SHEET No.:

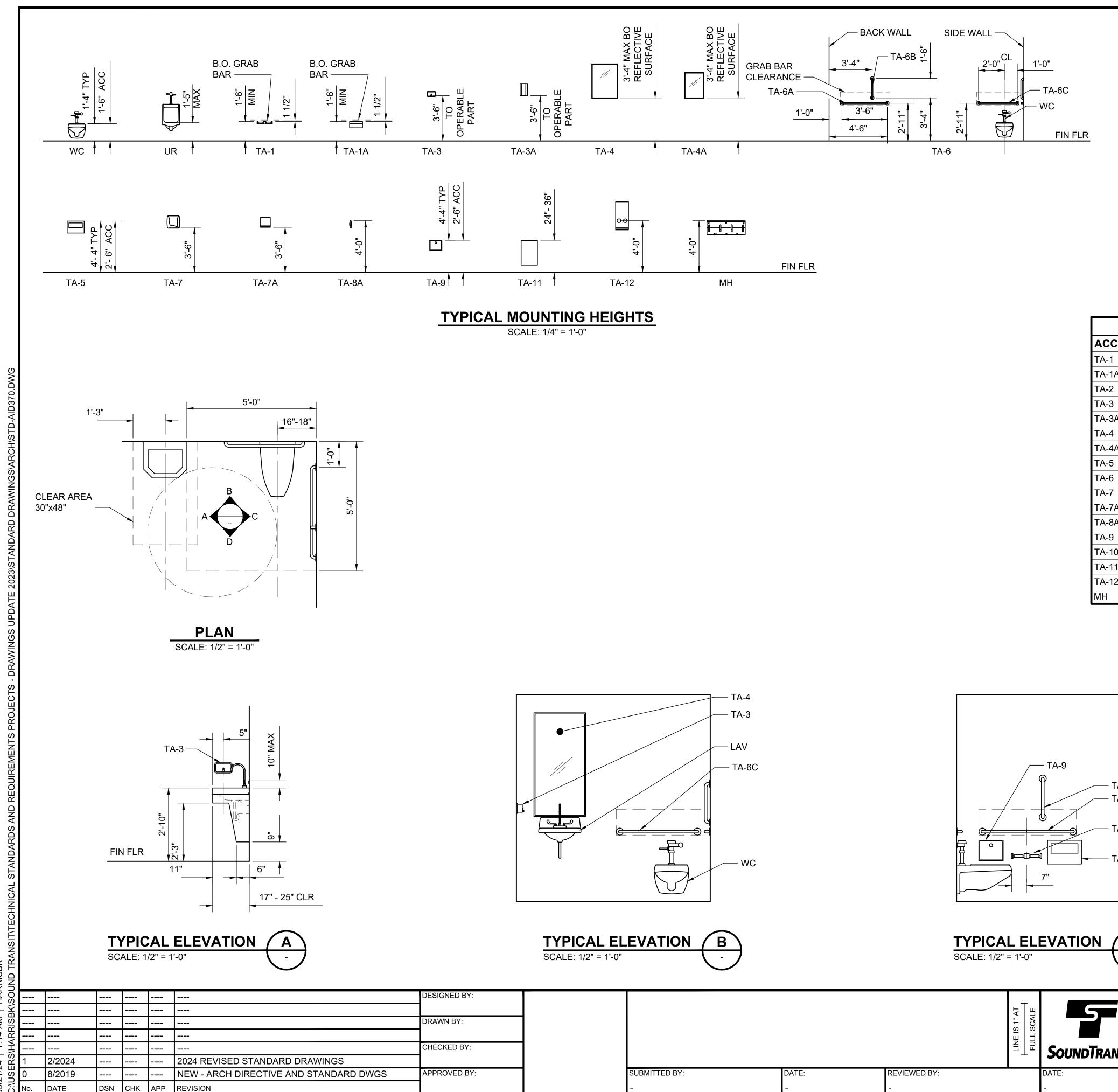
REV:

ARCHITECTURAL

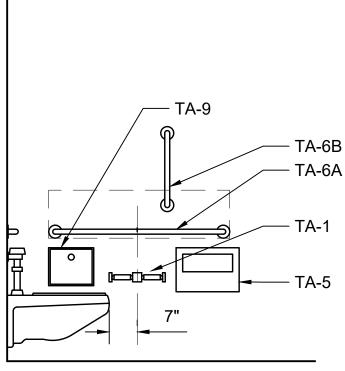
PLATFORM EDGE

AND SLOPE WARNING BLOCK

DETAILS



			LINE IS 1" AT FULL SCALE		SCALE: AS NOTED FILENAME: STD-AID370 CONTRACT No.: RTA/LR -
SUBMITTED BY:	DATE: -	REVIEWED BY:		DATE: -	DATE: 2/2024



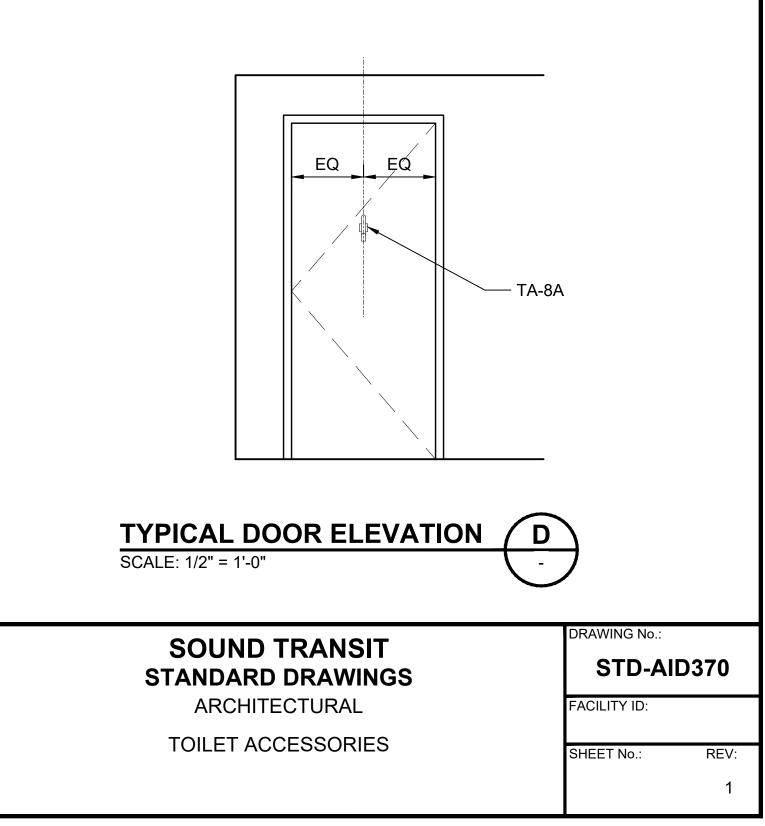
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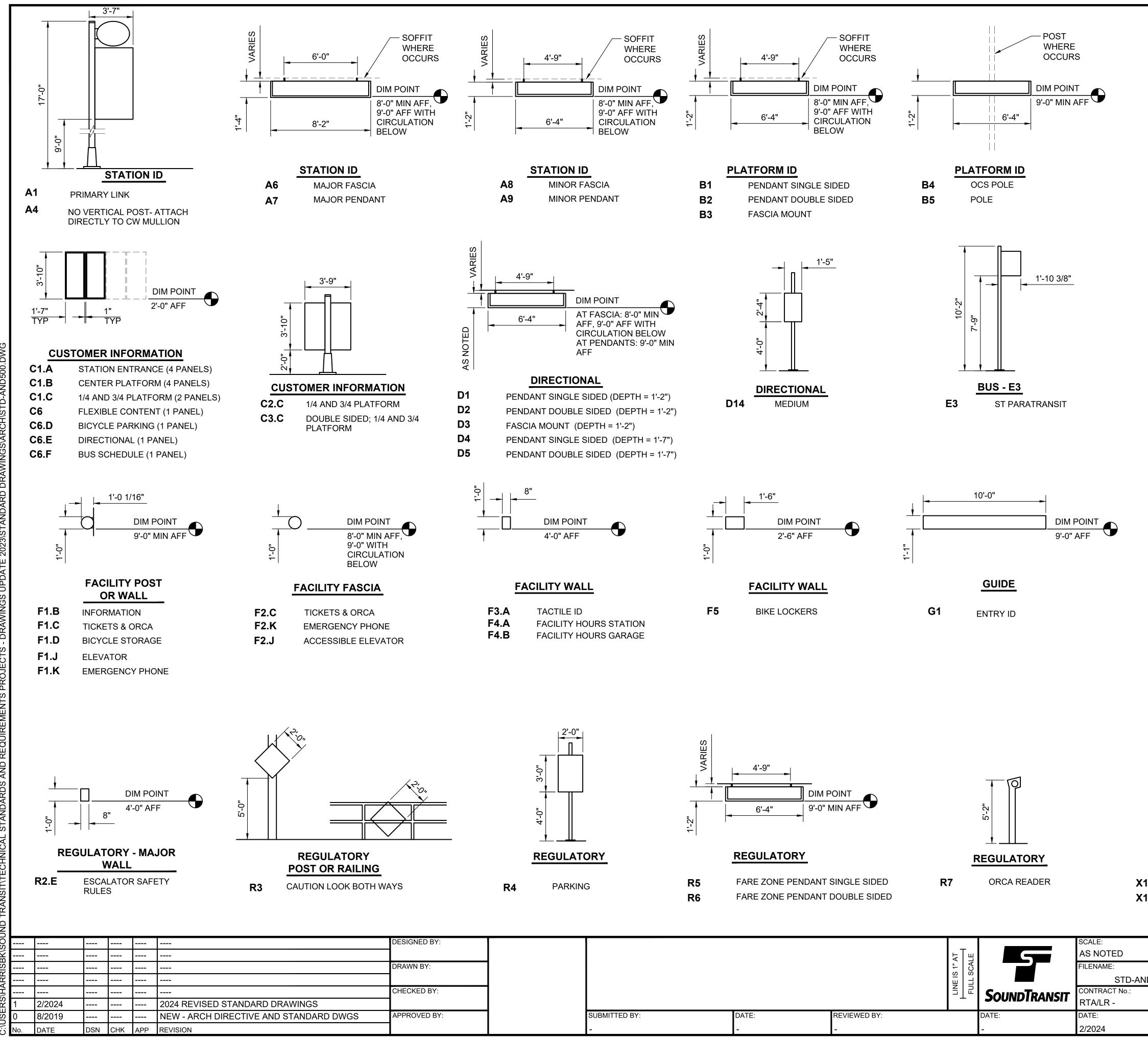
-

	TOILET ACCESSORIES LEGEND						
ACCESSORY	DESCRIPTION	COMMENTS					
TA-1	TOILET PAPER DISPENSER						
TA-1A	TOILET PAPER DISPENSER	AT PUBLIC RESTROOM, VANDAL RESISTANT					
TA-2	(NOT USED)						
TA-3	SOAP DISPENSER						
TA-3A	SOAP DISPENSER	AT PUBLIC RESTROOM, VANDAL RESISTANT					
TA-4	MIRRORS						
TA-4A	MIRRORS	AT PUBLIC RESTROOM, VANDAL RESISTANT					
TA-5	SEAT COVER DISPENSER						
TA-6	GRAB BARS						
TA-7	SURFACE-MOUNTED ELECTRONIC HAND DRYER						
TA-7A	SEMI RECESSED ELECTRIC HAND DRYER	AT PUBLIC RESTROOM, VANDAL RESISTANT					
TA-8A	CLOTHES HOOK	AT PUBLIC RESTROOM, VANDAL RESISTANT					
TA-9	SANITARY NAPKIN RECEPTICLE UNIT						
TA-10	UNDERSINK ANTI-BURN PROTECTION						
TA-11	SURFACE MOUNTED WASTE RECEPTICLE						
TA-12	COMBINATION SANITARY NAPKIN/ TAMPON VENDOR						
MH	COMBINATION UTILITY SHELF/MOP AND BROOM HOLDER						

# **GENERAL NOTES:**

- 1. FIXTURES AND ACCESSORIES ARE GENERIC FOR ALL PROJECTS. REFER TO PLANS, DETAILS, AND SPECIFICATIONS FOR PROJECT REQUIREMENTS.
- 2. ACC = ACCESSIBLE
- 3. FOIC, NOTED AS APPLICABLE
- 4. ALL PUBLIC RESTROOM ACCESSORIES TO HAVE SST FINISH.





# **GENERAL NOTES:**

- ALL SIGNAGE, INCLUDING SIGNAGE PANELS, PENDANTS, POLES, INTEGRAL MOUNTING BRACKETS, DECALS, AND FASTENERS SHALL BE PROVIDED AND INSTALLED BY THE SIGNAGE INSTALLER UNDER A SEPARATE CONTRACT UNLESS OTHERWISE NOTED.
- 2. CONTRACTOR SHALL PROVIDE ANCHOR BOLTS AND BLOCKING AND OR ATTACHMENT SUPPORTS FOR SIGNAGE AT THE LOCATIONS INDICATED IN THE SIGNAGE PLANS, SIGNAGE DETAILS AND OTHERWISE NOTED IN THE GENERAL CONTRACT DRAWINGS.
- 3. CODE RELATED "J" SERIES SIGNAGE SHALL BE PROVIDED BY THE CIVIL CONTRACTOR
- WHERE PENDANT LENGTH EXCEEDS THE MAXIMUM ALLOWABLE LOADING FOR 4 ALUMINUM. SIGNAGE CONTRACTOR SHALL PROVIDE STEEL PENDANT UNDER THE SIGNAGE CONTRACT.
- 5. SEE STATION SPECIFIC STRUCTURAL DRAWINGS FOR SIGN FOUNDATION DETAILS.
- COORDINATE WITH CIVIL DRAWINGS FOR SIGN LOCATIONS OUTSIDE OF STATIONS. 6. COORDINATE LOCATION AND WEIGHTS OF SIGNS WITH SOUND TRANSIT CAPITAL 7.
- SIGNAGE.

# LEGEND:

SIGNAGE TAG = STA F2.A XXX 01/L200-AND101

> STA = SOUND TRANSIT STATION CODE

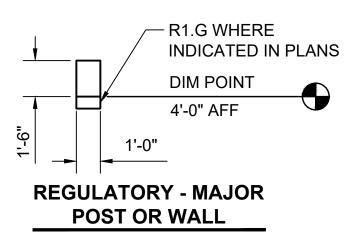
F2.A = SIGN TYPE

XXX = UNIQUE LOCATION #

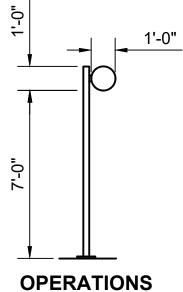
1/L200-AND901 = MOUNTING DETAIL

INDICATION OF PRIMARY SIGN FACE

INDICATION OF SECONDARY SIGN FACE

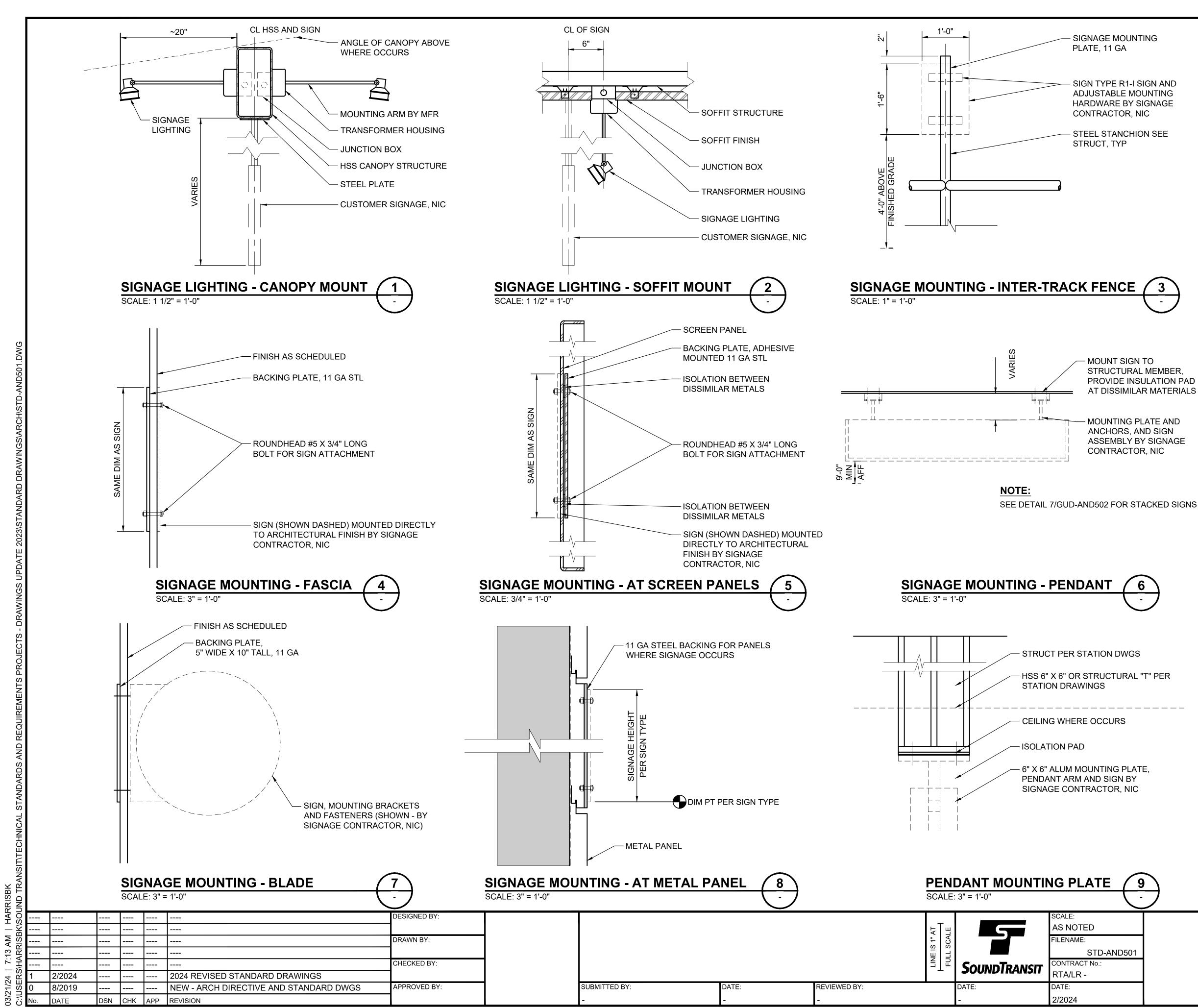


R1.A	NO PARKING	R1.F	RESERVED ACCESSIBLE PARKING
R1.B	15 MINUTE PARKING	R1.G	VAN ACCESSIBLE
R1.C	24 HOUR PARKING	R1.I	DANGER NO TRESPASSING
R1.D	RESERVED SECURITY PARKING	R1.J	AUTHORIZED PERSONNEL ONLY
R1.E	RESERVED SERVICE PARKING	R1.K	EMERGENCY EXIT ONLY
		R1.L	ELECTRIC VEHICLE PARKING



- X1.A 2 CAR TRAIN STOPPING MARKER
- **4 CAR TRAIN STOPPING MARKER** X1.B

	SOUND TRANSIT	DRAWING No.: STD-AND500
D500	STANDARD DRAWINGS ARCHITECTURAL	FACILITY ID:
	SIGNAGE TYPES	SHEET No.: REV:
		1



# **GENERAL NOTE:**

1. DETAILS SHOWN INDICATE PROTOTYPICAL MOUNTING DETAILS ONLY. SPECIFIC STATION SIGNAGE MOUNTING REQUIREMENTS MAY VARY.

# SOUND TRANSIT STANDARD DRAWINGS ARCHITECTURAL

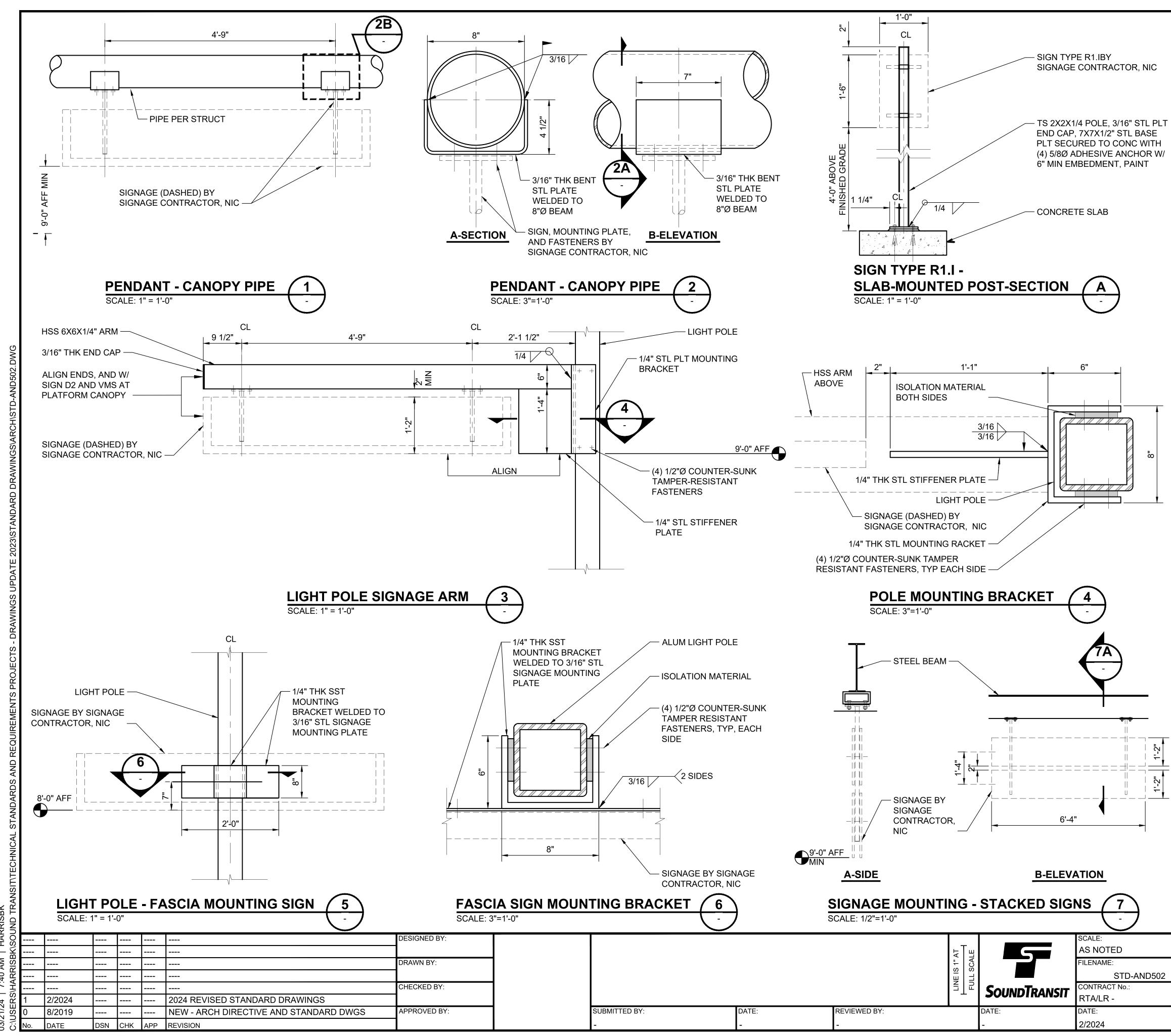
SIGNAGE MOUNTING DETAILS

RAWING No.:

STD-AND501

FACILITY ID:

SHEET No .:



# **GENERAL NOTE:**

- 1. DETAILS SHOWN INDICATE PROTOTYPICAL MOUNTING DETAILS ONLY. SPECIFIC STATION SIGNAGE MOUNTING REQUIREMENTS MAY VARY.

SOUND TRANSIT
STANDARD DRAWINGS
ARCHITECTURAL

SIGNAGE MOUNTING DETAILS

RAWING No .:

STD-AND502

FACILITY ID:

SHEET No .: