

# ARCHITECTURAL DIRECTIVE DRAWINGS

## **AUGUST 2019**

THESE DIRECTIVE DRAWINGS ARE ISSUED TO 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, REGIONAL EXPRESS BUS, AND BUS RAPID TRANSIT SYSTEMS, AS DEPICTED HEREIN. IN CONJUNCTION WITH THE DESIGN CRITERIA MANUAL, STANDARD SPECIFICATIONS, AND STANDARD DRAWINGS, THE DESIGNER SHALL VALIDATE AND FINALIZE THE DESIGN DEPICTED ON THESE DIRECTIVE DRAWINGS FOR INCLUSION INTO THE PROJECT CONTRACT DOCUMENTS. THESE DRAWINGS ALSO PROVIDE A BASIS FOR PRESENTATION OF DESIGN INFORMATION.

THESE DRAWINGS DO NOT CONSTITUTE A SUBSTITUTE FOR THE DESIGNER'S INDEPENDENT USE OF ENGINEERING JUDGMENT AND SOUND ENGINEERING PRACTICE, NOR DO THEY RELIEVE THE DESIGNER OF ITS RESPONSIBILITY TO COMPLY WITH THE STANDARD OF CARE.

IF THE DESIGNER IDENTIFIES THAT AN ASPECT OR ASPECTS OF THESE DIRECTIVE DRAWINGS ARE INAPPROPRIATE FOR INCLUSION IN THE FINAL DESIGN, THE DESIGNER SHALL INFORM AND SECURE CONCURRENCE FROM THE SOUND TRANSIT CORRIDOR DESIGN MANAGER OR PROJECT MANAGER AS PART OF DESIGN MILESTONE SUBMITTALS.

CONTACT THE SOUND TRANSIT CORRIDOR DESIGN MANAGER OR PROJECT MANAGER TO OBTAIN CAD FILES OF THE DIRECTIVE DRAWINGS. UPDATING THE DIRECTIVE DRAWINGS IS AN ONGOING PROCESS AND REVISIONS ARE ISSUED REGULARLY. COMMENTS, QUESTIONS, AND IMPROVEMENT IDEAS ARE WELCOMED. PLEASE SEND ALL COMMENTS TO DECM DEPUTY EXECUTIVE DIRECTOR OF DESIGN AND ENGINEERING.

APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

DECM DEPUTY EXECUTIVE DIRECTOR DESIGN AND ENGINEERING

APPROVED BY: \_\_\_\_\_\_ DATE: \_\_\_\_\_

JULIE MONTGOMERY
DECM DIRECTOR OF ARCHITECTURE & ART

THE PREPARATION OF THIS DOCUMENT HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION UNDER THE URBAN MASS TRANSPORTATION ACT OF 1964, AS AMENDED, AND IN PART BY THE CENTRAL PUGET SOUND REGIONAL TRANSIT AUTHORITY DISTRICT OF WASHINGTON, AND THE STATE OF WASHINGTON

DIR-GZT001

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						ABBREVIATION	IS					
A A/C A/G A/S A/V AAV AB ABUT ABV AC ACCP ACI ACOUS ACOUS PNL ACPL ACR ACS ACS DR ACSR ACT ACU AD ADJ AESS AFF AGG AGG B AGG B AGG SB AHCP AHU AISC ALUM ANCD ANSI ANT AP-# APT ARC ARV ASA ASSY ASTM ATB ATCH ATR AUX AWG AWI AWS B BO B-SPAN BB/B B/F B/W BAL BCD-# BCP BCP BCR BD BF BIA	AUXILIARY CONTROL PANEL ACCESS CARD READER ACCESS ACCESS DOOR ALUMINUM CONDUCTOR STEEL REINFORCED ACOUSTICAL TILE CEILING AIR CONDITIONING UNIT AREA DRAIN ADDENDUM, ADDENDA ADJACENT ARCHITECTURALLY EXPOSED STRUCTURAL STEEL ABOVE FINISHED FLOOR ABOVE FINISHED FLOOR ABOVE FINISHED GRADE AGGREGATE AGGREGATE BASE AGGREGATE SUB-BASE AIR HANDLING CONTROL PANEL AIR HANDLING UNIT AMERICAN INSTITUTE OF STEEL CONSTRUCTION ALARM ALUMINUM ANCHOR ANODIZE(D) AMERICAN NATIONAL STANDARDS INSTITUTE ANTENNA ACOUSTICAL PLASTER TYPE AUXILIARY POWER TRANSFORMER ABRASION RESISTANT COATINGS AIR RELIEF VALVE AMERICAN STANDARDS ASSOCIATION ASSEMBLY AMERICAN SOCIETY FOR TESTING AND MATERIALS ASPHALT TREATED BASE ATTACH ABOVE TOP RAIL AUXILIARY AMERICAN WIRE GAUGE ARCHITECTURAL WOODWORK INSTITUTE AMERICAN WELDING SOCIETY  BOTTOM OF BODY SPAN BACK-TO-BACK BUTTERFLY VALVE BALANCE BIRD CONTROL DEVICE TYPE BRANCH CIRCUIT PANEL BICYCLE CARD READER BOARD BACKFILL BRICK INSTITUTE OF AMERICA	BOH BOS BOW BPP BR BRG BRG PLT BRKT BS BSMT BVL BW BZ  C C&C C&G C&S C/C C/B C/G C/L C/S CAB CATV CBL CATV CBL CCTV CCW CD CEB CECTV CCW CD CCH CCH CCH CCH CCH CCH CCH CCH CCH	BACK OF HOUSE BOTTOM OF STRUCTURE BACK OF WALK BRANCH POWER PANEL BRIDGE BEARING BEARING PLATE BRACKET BOTH SIDES BASEMENT BEVELED BOTH WAYS BRONZE  CUT-AND-COVER CURB AND GUTTER COMMUNICATION AND SIGNALS CENTER TO CENTER COVE BASE CORNER GUARD CURB LINE COUNTERSUNK CABINET CANTILEVER CATENARY CABLE TELEVISION CABLE CEMENTITIOUS BACKER BOARD CENTRAL CONTROL CLOSED CIRCUIT TELEVISION COUNTER CLOCKWISE COLD DRAWN CONSTRUCTION EASEMENT CONCRETE ENCASED DUCTBAN CEMENT CEMENT CEMENT CEMENT PLASTER CERAMIC CUBIC FEET CEMENTITIOUS FIREPROOFING CAP FOR FUTURE COUNTERFLASHING CONCRETE GUTTER CONCRETE GUARDS - TYPE CHAMFER CHORD CHECK CHILLED WATER SUPPLY CAST-IN-PLACE CAST-IN-PLACE CAST-IN-PLACE CAST-IN-PLACE CAST-IN-PLACE CAST-IN-PLACE CAST-IN-PLACE CAST-IN-PLACE CAST-IN-PLACE CONCRETE LIGHT POLE CELLING SUPPORT CLOSET CONCRETE LIGHT POLE CLEAR COMMUNICATIONS MANHOLE CORNER GUARDS - TYPE CEILING SUPPORT CLOSET CONCRETE LIGHT POLE CLEAR COMMUNICATIONS MANHOLE CORNER BEAD CENTER	( TYPE	CORR COV COV CP COV CP COV CP COV CP COV CPLG. COL CSC CSC CSC CSC CSC CSC CSC CSM CSM CSM	ITROL VALVE RICHOR RERIDOR ROLLED STEEL RETO SPIRAL RERIDOR RE	MER	ENGR ENTIRON EPF EQPT EQ ESMT ESC ETEL ETS EW C-# EWS EXF EXP EXP EXT F/T ABX FAC P FAF # FD C F	ENGINEER ENTRANCE ENVIRONMENTAL ELEVATOR SHAFT PRESSURIZATION EQUIPMENT EQUAL EASEMENT ESCALATOR EMERGENCY TELEPHONE SYSTEM EMERGENCY TELEPHONE SYSTEM EMERGENCY VENTILATION SYSTEM EACH WAY RESIN WALL PANEL - TYPE ELECTRIC WATER HEATER EYE WASH STATION EXHAUST FAN EXHAUST EXPANSION EXPOSED EXTERIOR  FIRE ALARM BOX FACILITY FIRE ALARM CONTROL PANEL FRESH AIR INTAKE FLAT BAR FLUID APPLIED FLOORING - TYPE FRESH AIR INTAKE FLAT BAR FLUOROPOLYMER COATING - TYPE FIRE COMMAND CENTER FAN COIL UNIT FIBER CEMENT WALL PANEL - TYPE FLOOR DRAIN FIRE EXTINGUISHER - TYPE FIRE EXTINGUISHER CABINET - TYPE FIRE EXTINGUISHER WALL BRACKET FLEXIBLE FLASHING FLAT HEAD MACHINE SCREW FIRE HOSE VALVE FINISH FIXED FLYTURE FLEXIBLE FLAT HEAD FLOOR FLOOR FLOOR PHORANT FLASHING FLOOR FLOOR HYDRANT FLASHING FLOOR TYPE FIRE EXTINGUISHER WALL BRACKET FLEXIBLE FLAT HEAD MACHINE SCREW FIRE HOSE VALVE FINISH FIXED FLOOR FLOOR FLOOR HYDRANT FLASHING FLOOR FLOOR HYDRANT FLASHING FLOOR FLOOR HYDRANT FLASHING FLOOR FLOOR HYDRANT FLASHING FLOOR FOR HYDRANT FLASHING FLOOR FLOOR HYDRANT FLASHING FLOOR FLOOR HYDRANT FLASHING FLOOR FLOOR HYDRANT FLASHING FLOOR HYDRANT FLASHING FLOOR FLOOR HYDRANT FLASHING FLOOR FLOOR HYDRANT FLASHING FLOOR HYD	GALVS GB GDR/G GEN GFI GH GL GL# GM GND GP-# GRAN GRD GRI-# GRSC GRTG- GRSC GRSC GRSC GRSC GSP GVP H/R HW HB HC HDPE HDR HDW HHK HMD HMF HNDR HNDR HNDR HNDR HNDR HNDR HNDR HNDR	GRAB BAR GUARDRAIL/ GUARDRAIL SYSTE GENERATOR GROUND FAULT INTERRUPTER GROUND HYDRANT GLAZING GLAZING - TYPE GAS METER GROUND GRAFITTI COATING - TYPE GRADE GRANITE GROUNDING DEVICE GRILLE - TYPE (OVERHEAD COIL GALVANIZED RIGID STEEL GALVANIZED RIGID STEEL CONE GRATING TYPE GRADE CROSSING GYPSUM SHEATHING - TYPE GALVANIZED STEEL CONDUIT GALVANIZED STEEL CONDUIT GALVANIZED STEEL CONDUIT GALVANIZED STEEL PIPE GAS VENT PIPE GYPSUM WALL BOARD GYPSUM  HEAD ROOM HOT WATER HOSE BIBB HOLLOW CORE HIGH DENSITY POLYETHELINE HEADER HANDWARE HEXAGONAL HANDHOLE HOOK HOLLOW METAL HOLLOW STEEL SECTION HEATER HIGH PERFORMANCE COATING - HIGH POINT HIGH RAIL LEVEL HIGH STRENGTH HOLLOW STEEL SECTION HEATER HIGH VOLTAGE HEATING, VENTILATING & AIR CO HEADWALL HOT WATER TANK HYDRANT HERTZ	ING GRILLE) UIT
BCP BCR BD BF	BRANCH CIRCUIT PANEL BICYCLE CARD READER BOARD BACKFILL	CMP CMU-# CND	CORRUGATED METAL PIPE CONCRETE MASONRY UNIT - TYI CONDUIT	PE	EF EXH EFC EXP EFD EXH EHC ELE: EHS EXT EI ELE: EJ EXP EJC-# EXP ELAST ELA ELEC ELE: ELECPB ELE: EMB EME EMER EME EMI ELE:	AUST FAN OSED FINISH CONCRETE AUST FAN DAMPER	RENCE	FOW FPRA FPRF	FACE OF WALL FALL PROTECTION ROOF ANCHOR FIREPROOF	IA ID IF IJ ILLUM IN INC INCD IND INFO INSUL- INT	INTRUSION ALARM INSIDE DIAMETER INSIDE FACE INSULATING JOINT ILLUMINATED INCH, INCHES INCLUDE INCANDESCENT INDICATE INFORMATION # INSULATION - TYPE INTERIOR	
0 8/2019 No. DATE	9 NEW - ARCH DIRECTIVE AND STANDAR DSN CHK APP REVISION	RD DWGS	DESIGNED BY:  DRAWN BY:  CHECKED BY:  APPROVED BY:	SUBMITTE	D BY:	DATE:	REVIEWED BY:	LINE IS 1" AT FULL SCALE  DATE:	SCALE: N/A FILENAME: DIR-AZN001 CONTRACT No.:  DATE: 8/2019	DIRECT ARG	ND TRANSIT FIVE DRAWINGS CHITECTURAL BREVIATIONS	DRAWING No.:  DIR-AZN001  FACILITY ID:  SHEET No.: REV:  0

1		MP-#	METAL WALL PANEL - TYPE	РОН	POWER OVERHEAD	SDD	SUPPLY DUCT DAMPER	TPSS	TRACTION POWER SUBSTA
JAN	JANITOR	MPA	MID-POINT ANCHOR	POS	POINT OF STATIONING	SDMH	STORM DRAIN MANHOLE	TRAC	TRACTION
J-BOX	JUNCTION BOX	MR MRT	MOISTURE RESISTANT MORTAR	PP	POWER POLE	SDT	SMOKE DETECTOR	TRD	TREAD
JST	JOIST	MS	MOTOR STARTER	PREFAB PREFIN	PREFABRICATED PREFINISHED	SEC SEG	SECOND SEGMENT	TRIP TS	TRIP PLANNER STRUCTURAL TUBING
JT BKR JNT	JOINT BACKER JOINT	MSL	MEAN SEA LEVEL	PRES	PRESSURIZATION	SERV	SERVICE	TTC	TELEPHONE TERMINAL CA
0141	001111	MSFS	METAL STRUT FRAMING SYSTEM	PS-#	PRECAST CONCRETE STAIR TREAD / LANDING,	SFD	SUPPLY FAN DAMPER	TVF	TUNNEL VENTILATION FAN
		MSP	MOTOR STARTER PANEL	1	PRECAST PLANKS - TYPE	SFRM	SPRAY-APPLIED FIRE RESISTIVE MATERIAL	TVM	TICKET VENDING MACHINE
K		MTD MTG	MOUNTED MOUNTING	PSF	POUNDS PER SQUARE FOOT	SHC SHTHG	SHOTCRETE SHEATHING	TVOH TVM	TELEVISION OVERHEAD TICKET VENDING MACHINE
K	KIP	MTL	METAL	PSI PT-#	POUNDS PER SQUARE INCH	SIG	SIGNAL	TVS	TUNNEL VENTILATION SHA
KCM KF	KING COUNTY METRO KIP-FOOT	MV	MILLIVOLT	PI-# PVC	PLATFORM FLOOR TILE POLYVINYL CHLORIDE	SIM	SIMILAR	TWA	TIE WIRE ANCHOR
KNOX-#	KNOX BOX - TYPE	MVA	MEGAVOLT AMPERE	PWR	POWER	SJT	SCORE JOINT	TWC	TRAIN TO WAYSIDE COMMU
КО	KNOCK-OUT	MW	MEGAWATT			SL	SLOPE FRAMED CANOPY - TYPE	TWM	TACTILE WARNING MATERI
KSF	KIPS PER SQUARE FOOT	MVSS	MEDIUM VOLTAGE SUB STATION			SL-# SLNT	SEALANT		
KSI KW	KIPS PER SQUARE INCH KILOWATT			Q QT	QUARRY TILE	SM	SHEET METAL	Ιυ	
KWHR	KILOWATT KILOWATT-HOUR	N		QTY	QUANTITY	SSMH	SANITARY SEWER MANHOLE	U/S	UNDERSIDE
10001110	NEOWATT FIGUR	N/A	NOT APPLICABLE	Q.1.	Q0/11/11	SOG	SLAB ON GRADE	UD	UNDERDRAIN
		NEC	NATIONAL ELECTRICAL CODE			SOP SP	SET OUT POINT STEEL PIPE	UG	UNDERGROUND
L		NEG NESC	NEGATIVE NATIONAL ELECTRICAL SAFETY CODE	R		SPA	SPACING	UH UL	UNIT HEATER UNDERWRITERS LABORATO
L	LEFT	NF	NEAR FACE	R R/T	RISER RIGHT TRACK	SPF	STAIRWELL PRESSURIZATION FAN	UNEX	UNEXCAVATED
LAD LAM	LADDER LAMINATE	NIC	NOT IN CONTRACT	RAD	RADIUS	SPKR	SPEAKER	UNO	UNLESS NOTED OTHERWIS
LAM-#	PLASTIC LAMINATE - TYPE	NL	NIGHT LIGHT	RA	RETURN AIR	SPR SQ	SPRINKLER SQUARE	UV	UTILITY VAULT
LAV	LAVATORY	NMC NOM	NON-METALLIC CONDUIT NOMINAL	RA-#	ROOFING ASSEMBLY - TYPE	SQ IN	SQUARE SQUARE INCH		
LB	POUND, POUNDS	NOM NPS	NOMINAL NOMINAL PIPE SIZE	RAF	RETURN AIR FAN	SQ FT	SQUARE FEET	V	
LB/FT LBF	POUNDS PER FOOT POUNDS FORCE	NPT	NATIONAL PIPE THREAD	RAL-# RB	ROOF ACCESS LADDER - TYPE READER BOARD	SQHD	SQUARE HEAD	V	VACANT
LED	LIGHT EMITTING DIODE	NR	NOT REGISTERED	RB-#	RESILIENT BASE - TYPE	SREG	SUPPLY REGISTER	VAR	VARIABLE
LH	LEFT HAND	NRCP	NON-REINFORCED CONCRETE PIPE	RCP	REFLECTED CEILING PLAN	SS	SANITARY SEWER	VB-#	VAPOR BARRIER - TYPE
LHR	LEFT HAND REVERSE	NS	NEAR SIDE	RCPT	RECEPTACLE	SST STD	STAINLESS STEEL STANDARD	VCT VD	VINYL COMPOSITION TILE VOLUME DAMPER
LIN	LINEAR			RD	ROOF DRAIN	STL	STEEL	VERT	VOLUME DAMPER VERTICAL
LJ LJT	LEADED JOINT LONGITUDINAL JOINT	0		RD-#	ROLL UP DOOR - TYPE	STOR	STORAGE	VIF	VERIFY IN FIELD
LL	LIVE LOAD	0	OPEN	RE RECT	MANHOLE RIM ELEVATION RECTANGULAR	STN-#	STONE PANEL - TYPE	VMS	VARIABLE MESSAGING SYS
LOC	LIMIT OF CONSTRUCTION	O/L	OVERLAP	REF	REFERENCE	STR STRUCT	STAIR STRUCTURAL	VP	VAPORPROOF
LONG	LONGITUDINAL	OA OC	OMNI-DIRECTIONAL ANTENNA	REG	REGISTER	STRUCT	STRUCTURAL STUB-UP	VR-#	VAPOR RETARDER
LOP LP	LIMIT OF PAVEMENT	ocs	ON CENTER OVERHEAD CATENARY SYSTEM	REINF	REINFORCEMENT	SUB	SUBSTATION		
LP LPT	LIGHTING PANEL LOW POINT	OD	OUTSIDE DIAMETER	REQ'D REQ'S	REQUIRED REQUIREMENTS	SURF	SURFACE	W	
LRT	LIGHT RAIL TRANSIT	OF	OUTSIDE FACE	REG	RESERVOIR	SUSP	SUSPENDED	WAB-#	WATER AND AIR BARRIER -
LRV	LIGHT RAIL VEHICLE	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED	RET	RETAINING	SWA SWBD	SINGLE WIRE ANCHOR SWITCHBOARD	WD WF-#	WOOD WALL FINISH - TYPE
LS L/T	LUMP SUM	OH OHB	OVERHEAD OVERHEAD BRIDGE	REX	REQUEST TO EXIT	SWCH	SWITCH	WC WF-#	WALL FINISH - TYPE WATER CLOSET
L/T LTG	LEFT TRACK LIGHTING	OPNG	OVERHEAD BRIDGE OPENING	RFG	ROOFING	SWGR	SWITCHGEAR	WCL	WALL CONTROL LINE
LV	LOW VOLTAGE	OPP	OPPOSITE	RFLD RGSC	REFLECTED RIGID GALVANIZED STEEL CONDUIT	SWR	SEWER	wco	WALL CLEANOUT
LVL	LEVEL	OR	OUTSIDE RADIUS	RH	RIGHT HAND	SYM	SYMMETRICAL	WGR-#	WATER LIEATER
LVR-#	LOUVER - TYPE	OTS	OPEN TO STRUCTURE	RH-#	ROOF ACCESS HATCH - TYPE			WH WHDM	WATER HEATER WATT-HOUR DEMAND METE
I				RHR	RIGHT HAND REVERSE RESTRAINED JOINT	Т		WHM	WATT-HOUR METER
М		Р		RJ RM	RESTRAINED JOINT ROOM	Т	THERMOSTAT, TREAD	WI	WROUGHT IRON
M	METER	Р	POLE	RO	ROUGH OPENING	T/	TOP	WID	WIDTH
M/L	MAIN LINE	P/C	PRECAST BURLIC ADDRESS	ROT	ROTATE(D) VIEW	T/L T/R	TAX LOT TOP OF RAIL	WIN WIP	WINDOW WROUGHT IRON PIPE
M/W	MESSENGER WIRE	PA PAN	PUBLIC ADDRESS PANTOGRAPH	RP	RADIUS POINT	TA-#	TOP OF RAIL TOILET AND UTILITY ROOM ACCESSORIES - TYPE	WL	WORK LINE
MA MACH	MAST ARM MACHINE	PB-#	PAVER - WAYFINDING BRAID - TYPE	RR RRU	RAILROAD REMOTE RADIO UNIT	TBF	TUNNEL BOOSTER FAN	WM	WATER METER
MACH	MAINTENANCE	PC-#	PRECAST CONCRETE PAVER - TYPE	RREG	RETURN REGISTER	TBR	TO BE REMOVED	WMP-#	DECORATIVE METAL PANEL
MAS	MASONRY	PC CONC	PRECAST CONCRETE	RSC	RIGID STEEL CONDUIT	TC	TOP OF CURB	WOM WP	WOMEN WORK POINT
MATL	MATERIAL	PCC PCF	PORTLAND CEMENT CONCRETE	RT-1	ROOF SYSTEM - TYPE	TDD	TELECOMMUNICATION DISPLAY DEVICE	WP-#	WATERPROOFING SYSTEM
MAU	MAKE UP AIR UNIT MAXIMUM	PCF PE	POUNDS PER CUBIC FOOT PRELIMINARY ENGINEERING	RTU RVS	REMOTE TERMINAL UNIT REVERSE	TEL TF	TELEPHONE TEMPERATURE	WR	WATER RESISTANT
MAX MBR	MAXIMUM MEMBER	PED	PEDESTRIAN	RVS RW	RETAINING WALL	TERM	TERMINAL	WRC-#	WATER REPELLANT COATII
MC-#	METAL CEILING - TYPE	PEF	PLATFORM EXHAUST FAN	''''	-	TF	TRACKFEET	WS	WATER STOP
MCC	MOTOR CONTROL CENTER	PERF	PERFORATED  DEPRENDICULAR			TFD	TUNNEL FAN DAMPER	WSH WSP	WASH WELDED STEEL PIPE
MD	MOTORIZED DAMPER	PERP PET	PERPENDICULAR PASSENGER EMERGENCY TELEPHONE	S	07.7.7.7.7.1.0	TG TH	TOP OF GRATE THRESHOLD	WT	WIDE TEE STRUCTURAL ME
MDF	MEDIUM DENSITY FIBERBOARD	PGL	PROFILE GRADE LINE	S-T S/C	SELF-TAPPING SIGNAL/COMMUNICATION	THRD	THREADED	WT-#	WALL TILE - TYPE
MDG MECH	MOLDING MECHANICAL	PH	PHASE	S/S	SERVICE SINK	TL	TENSION LENGTH	WWF	WELDED WIRE FABRIC
MED	MEDIUM	PL	PROPERTY LINE	S/W	SIDEWALK	TMH	TELEPHONE MANHOLE	W/	WITH
MEMB	MEMBRANE	PLT	PLATE	SA	SUPPLY AIR	TNCH	TRENCH DRAIN		
MEP	MECHANICAL ELECTRICAL PLUMBING	PLAS PLAT	PLASTER PLATFORM	SAF	SUPPLY AIR FAN	T O TOB	TOP OF TOP OF BEAM	l x	
MEZZ	MEZZANINE	PLAT	PLATFORM POUNDS PER LINEAR FOOT	SAFTP SAN	STAND ALONE FARE TRANSACTION PROCESSOR SANITARY SEWER	TOC	TOP OF BEAM TOP OF CONCRETE	X-SPAN	CROSS SPAN
MFR MIL	MANUFACTURER US THOUSANDTH OF AN INCH	PLP	PLASTIC PIPE	SAP	SUBSTATION ALARM PANEL	TOD	TRANSIT ORIENTED DEVELOPMENT		
MIN	MINIMUM	PLUMB	PLUMBING	SAT	SPRAY-APPLIED ACOUSTIC TREATMENT	TOF	TOP OF FOOTING		
MJ	MECHANICAL JOINT	PLYWD	PLYWOOD	SBR	SEALANT AND BACKER ROD	TOG	TOP OF GRADE	Y YD	VARD
МО	MASONRY OPENING	PMJF PNL	PREMOLDED JOINT FILLER PANEL	SCR SCRN	SCREW SCREEN	TOR TORW	TOP OF RAIL TOP OF RETAINING WALL	<sup>'U</sup>	YARD
MOD	MODULAR MOTOR OPERATED	PNT-#	PAINT COLOR	SCRN	SCREEN STORM DRAIN	TOS	TOP OF STRUCTURE/ TOP OF STEEL		
MOP MOV	MOTOR OPERATED MOVABLE	PO POC	POWER OPERATED POINT ON CURVE	SD-#	METAL DECK STATION	TOW TP	TOP OF WALL TOTAL PRESSURE	#	NUMBER
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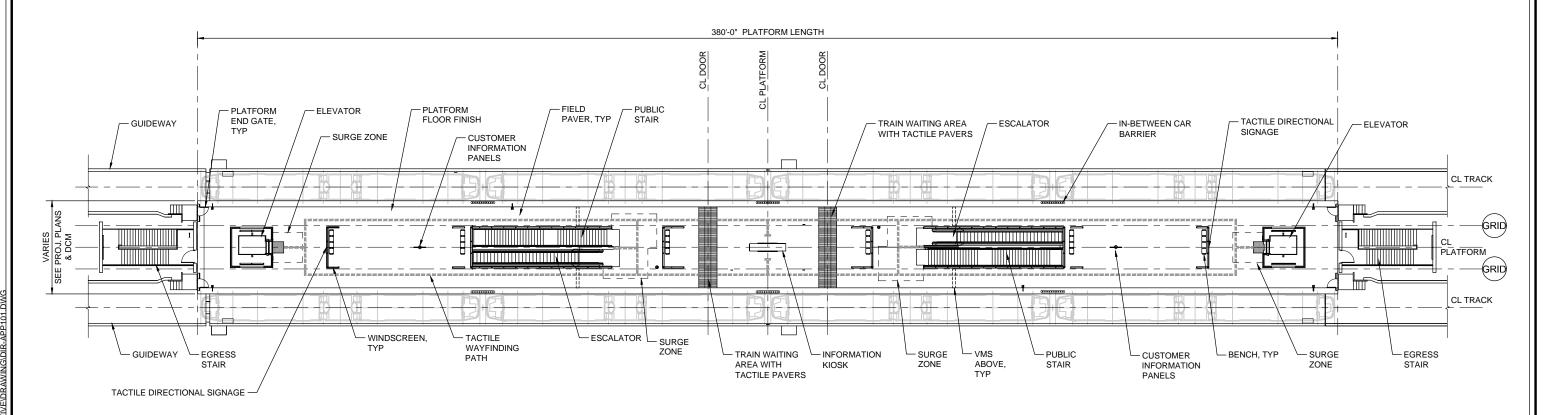
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FACILITY ID:

SHEET No.:

org **SYMBOLS GENERAL NOTES** uncontrolled document from soundtransit. GUIDANCE AND STANDARD DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE DESIGN CRITERIA MANUAL. SECTION / DETAIL PLAN LIMITS OF WORK LINE 2. DO NOT SCALE THE DRAWINGS. (000000000) GRAVEL IN-BETWEEN CAR BARRIER REPETITIVE FEATURES ARE OFTEN DRAWN OR REFERENCED ROOM ONLY ONCE AND SHALL BE COMPLETELY PROVIDED AS IF ROOM NAME NAME DRAWN IN FULL. ROOM NUMBER XXXX### EARTH TACTILE WAYFINDING PATH **3** REFER TO ST SYSTEMS GUIDANCE DRAWINGS AND ST CUSTOMER SIGNAGE DESIGN MANUAL FOR ADDITIONAL SIGNAGE REQUIREMENTS. CONCRETE BENCH ⊕ FD FLOOR DRAIN CONCRETE MASONRY UNITS SAFTP ⊕ RD ROOF DRAIN TILE TICKET VENDING MACHINE CHANGE IN PLANE STEEL CHANGE IN PLANE ELEVATION 2.0% GROUT SLOPE GLAZING CELLULAR CONCRETE FILL LOCATION OF REMOTE POINT OR WORK POINT PERFORATED METAL CEMENTITIOUS FIREPROOFING ◆DIM POINT DIMENSION POINT GRATING PLYWOOD EL 🔷 LEVEL HEAD GYPSUM BOARD SPRINKLER HEAD ACOUSTICAL PLASTER BATT INSULATION INSULATION **SOUND TRANSIT** DIR-AZN003 **DIRECTIVE DRAWINGS** ARCHITECTURAL DIR-AZN003 ACILITY ID: SOUNDTRANSIT **GENERAL NOTES & SYMBOLS** SHEET No.: NEW - ARCH DIRECTIVE AND STANDARD DWGS 8/2019

THIS PLAN INDICATES A PROTOTYPICAL
CONFIGURATION LAYOUT ONLY. SPECIFIC STATION
REQUIREMENTS AND LAYOUTS WILL VARY. ACTUAL
LAYOUT WILL BE SUBJECT TO FINDINGS OF EXIT
CALCULATIONS PERFORMED IN ACCORDANCE WITH
GOVERNING CODES AND THE DCM.



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

OS/OS/19 | O:43 AW | CALLAGHENC T:\_HQ\_INTERNAL\EXHIBITS\GUIDANCE-STANDARD\_DR.

						DESIGNED BY:
						520101125 511
						DRAWN BY:
						CHECKED BY:
1	8/2019				REVISED - ARCH DIRECTIVE AND STANDARD DWGS	
0	6/2013				NEW - CIVIL, ARCH, SYSTEMS GUIDANCE DWGS	APPROVED BY:
No.	DATE	DSN	CHK	APP	REVISION	

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

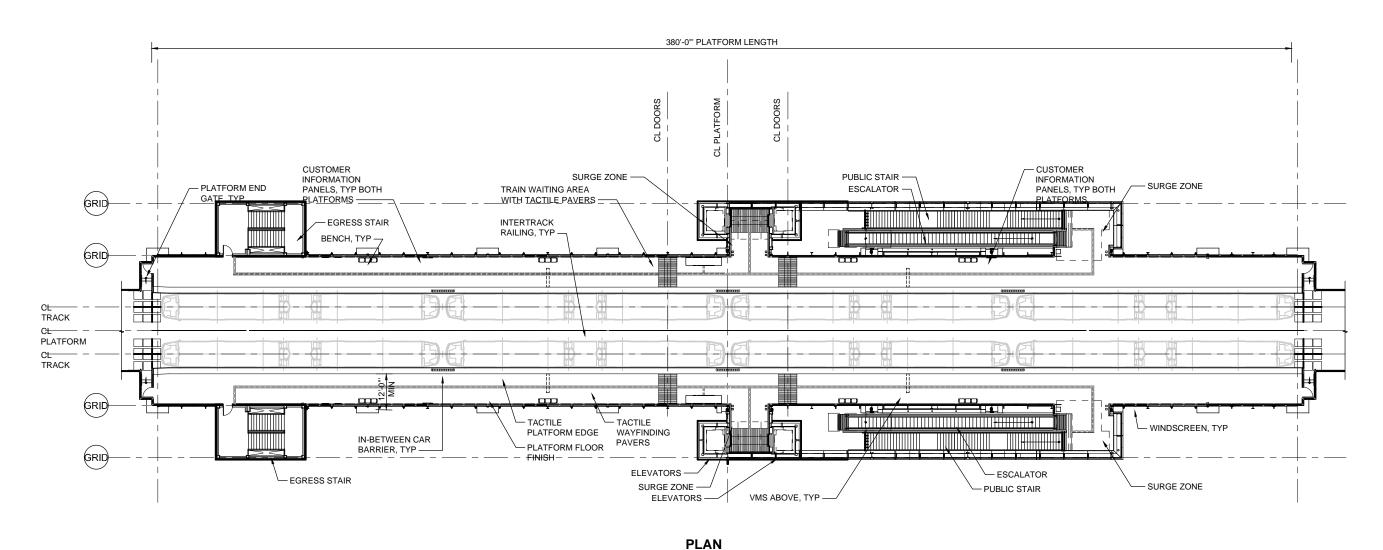
ALE:	
16" = 1'-0"	SOUND TRA
ENAME:	DIRECTIVE DRA
R-APP101	ARCHITECTU
NTRACT No.:	ELEVATED CENTER PLAN
TE:	FLAN

SOUND TRANSIT
IRECTIVE DRAWINGS
ARCHITECTURAL
VATED CENTER PLATFORM

DIR-APP101
FACILITY ID:

SHEET No.:

THIS PLAN INDICATES A PROTOTYPICAL
 CONFIGURATION LAYOUT ONLY. SPECIFIC STATION
 REQUIREMENTS AND LAYOUTS WILL VARY. ACTUAL
 LAYOUT WILL BE SUBJECT TO FINDINGS OF EXIT
 CALCULATIONS PERFORMED IN ACCORDANCE WITH
 GOVERNING CODES AND THE DCM.



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

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0	8/2019				NEW - ARCH DIRECTIVE AND STANDARD DWGS	APPROVED BY:	_
No.	DATE	DSN	СНК	APP	REVISION		1

			LINE IS 1" AT FULL SCALE	
ITED BY:	DATE:	REVIEWED BY:		I

SCALE:

1/16" = 1'-0"

FILENAME:

DIR-APP105

CONTRACT No.:

DATE:

DATE:

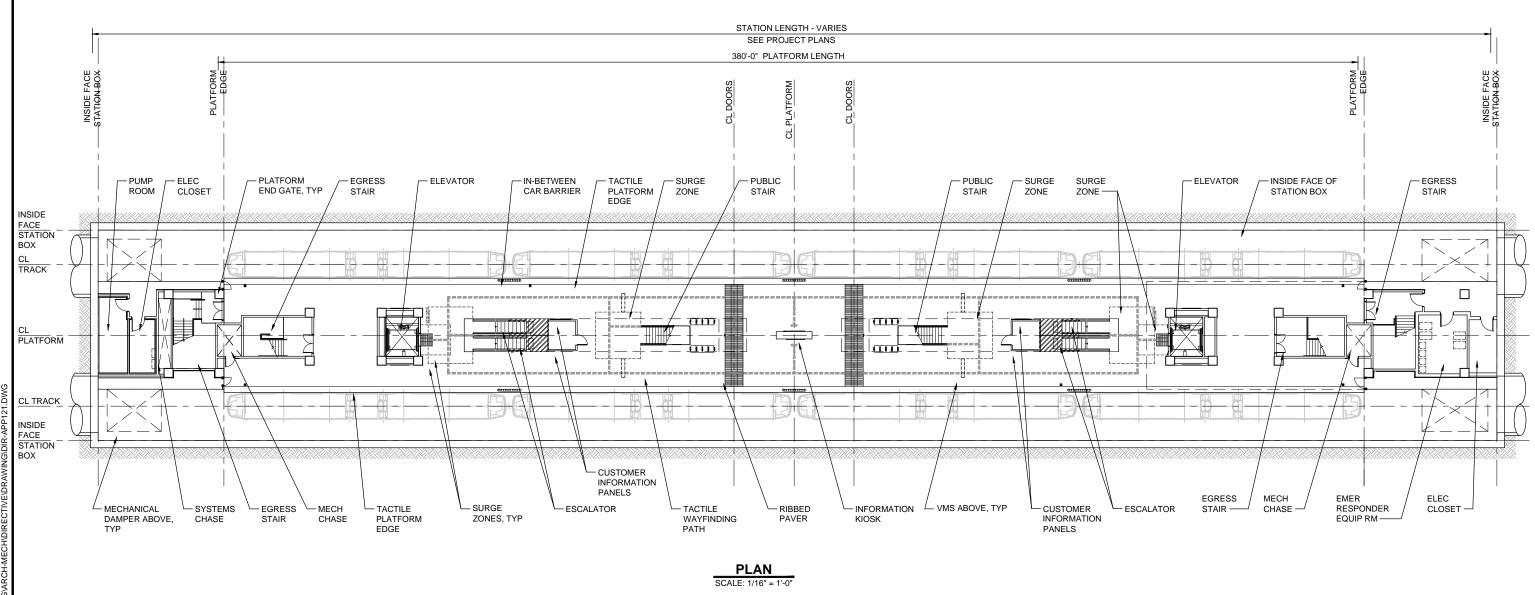
SOUND TRANSIT DIRECTIVE DRAWINGS ARCHITECTURAL ELEVATED SIDE PLATFORM

DIR-APP105

SHEET No.:

D SIDE PLATFORM PLAN

THIS PLAN INDICATES A PROTOTYPICAL
CONFIGURATION LAYOUT ONLY. SPECIFIC STATION
REQUIREMENTS AND LAYOUTS WILL VARY. ACTUAL
LAYOUT WILL BE SUBJECT TO FINDINGS OF EXIT
CALCULATIONS PERFORMED IN ACCORDANCE WITH
GOVERNING CODES AND THE DCM.



DESIGNED BY:

DRAWN BY:

CHECKED BY:

O 8/2019

NEW - ARCH DIRECTIVE AND STANDARD DWGS

APPROVED BY:

No. DATE

DSN CHK APP REVISION

SUBMITTED BY:

DATE:

REVIEWED BY:

SCALE:

1/16" = 1'-0"

FILENAME:

DIR-APP121

CONTRACT No.:

8/2019

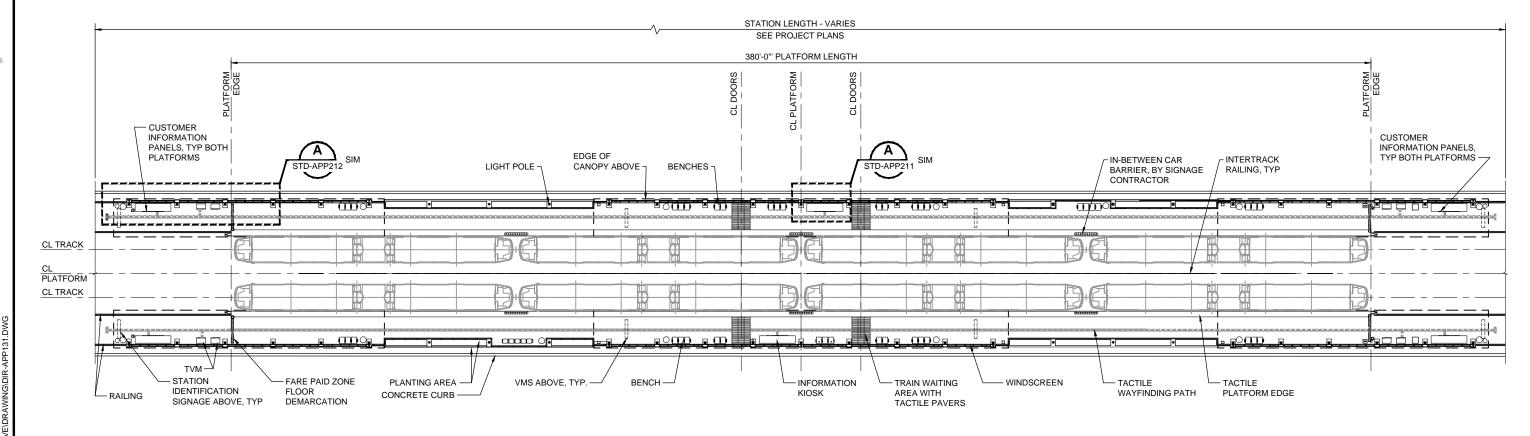
SOUND TRANSIT DIRECTIVE DRAWINGS ARCHITECTURAL

DIR-APP121
FACILITY ID:

TUNNEL CENTER PLATFORM PLAN

SHEET No.: REV:

THIS PLAN INDICATES A PROTOTYPICAL
 CONFIGURATION LAYOUT ONLY. SPECIFIC STATION
 REQUIREMENTS AND LAYOUTS WILL VARY. ACTUAL
 LAYOUT WILL BE SUBJECT TO FINDINGS OF EXIT
 CALCULATIONS PERFORMED IN ACCORDANCE WITH
 GOVERNING CODES AND THE DCM.



**PLAN**SCALE: 1/16" = 1'-0"

08/08/19 | 8:48 AM | GALLAGHERC T:\\_HQ\_INTERNAL\EXHIBITS\GUIDANCE-STANDARD\_DRA

						DESIGNED BY:
						DRAWN BY:
						CHECKED BY:
0	8/2019				NEW - ARCH DIRECTIVE AND STANDARD DWGS	APPROVED BY:
No.	DATE	DSN	СНК	APP	REVISION	

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DATE:	REVIEWED BY:		DATE:

SCALE:

1/16" = 1'-0"

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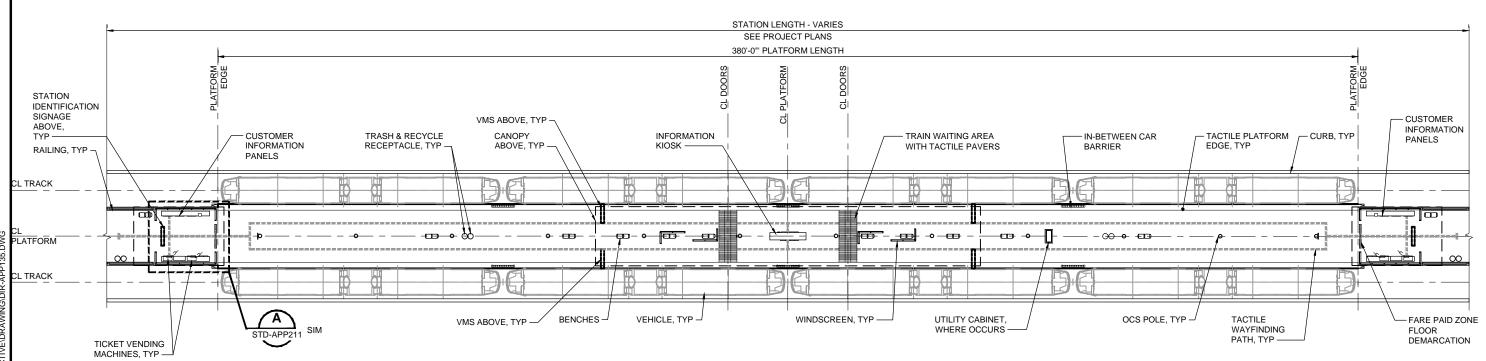
DIR-APP131

CONTRACT No.:

SOUND TRANSIT DIRECTIVE DRAWINGS ARCHITECTURAL AT-GRADE SIDE PLATFORM DIR-APP131
FACILITY ID:

E SIDE PLATFORM SHEET No.:

THIS PLAN INDICATES A PROTOTYPICAL
CONFIGURATION LAYOUT ONLY. SPECIFIC STATION
REQUIREMENTS AND LAYOUTS WILL VARY. ACTUAL
LAYOUT WILL BE SUBJECT TO FINDINGS OF EXIT
CALCULATIONS PERFORMED IN ACCORDANCE WITH
GOVERNING CODES AND THE DCM.



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

DESIGNED BY:

DRAWN BY:

CHECKED BY:

0 8/2019

NEW - ARCH DIRECTIVE AND STANDARD DWGS

APPROVED BY:

No. DATE DSN CHK APP REVISION

DATE: REVIEWED BY:

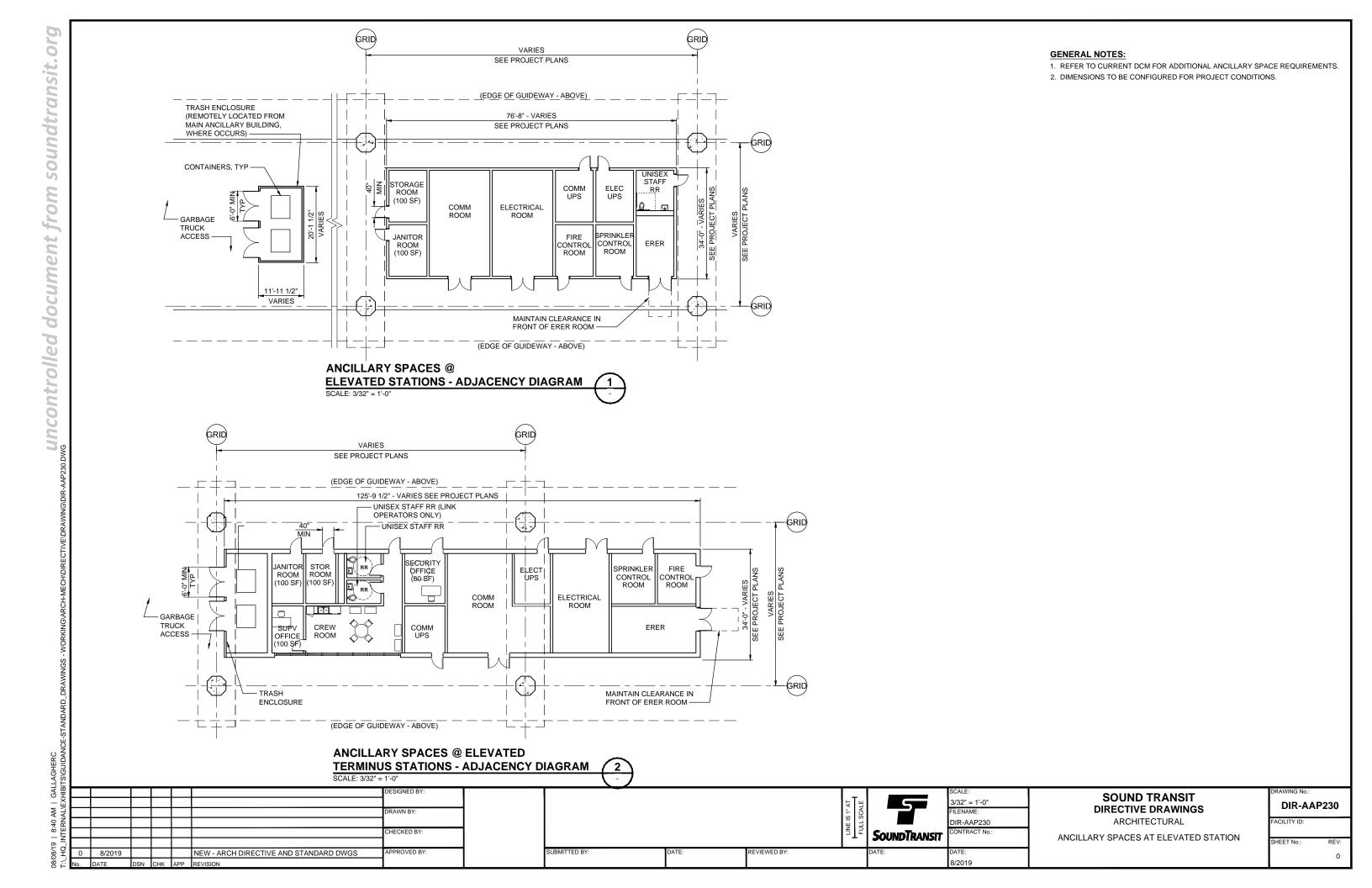
SCALE:
1/16" = 1'-0"
FILENAME:
DIR-APP135
CONTRACT NO

DIR-APP135
FACILITY ID:

AT-GRADE CENTER PLATFORM PLAN

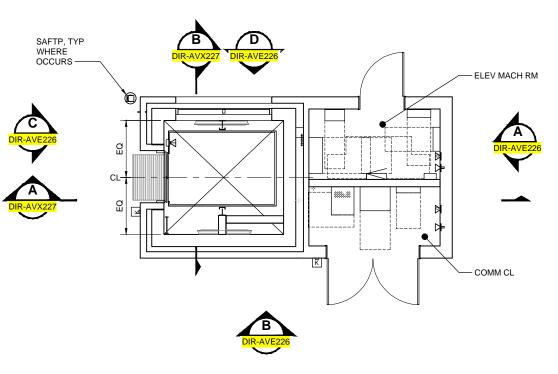
FACILITY ID:

SHEET No.: REV:



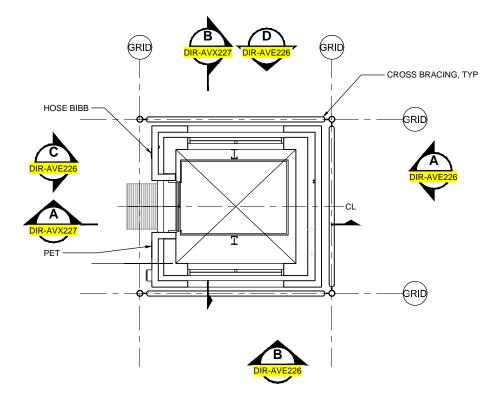


8/2019



**ENLARGED PLAN - PLAZA LEVEL** 

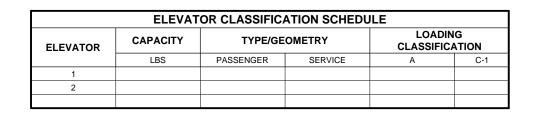
· 18" X 18" X 18" SUMP W/ GRATING LEVEL W/ PIT FLOOR

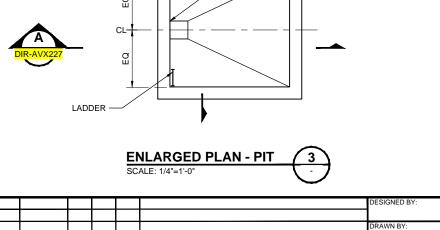




### **GENERAL NOTES:**

- COMPLY WITH SEISMIC REQUIREMENTS.
- 2. GROUT BEHIND ALL HOISTWAY PENETRATIONS FOR PIPES, FIXTURES, ETC.
- 3. INSTALL APPROVED KEY RETAINER BOX, KEYED TO THE SECURE CITY KEY.
- 4. KEYS REQUIRED FOR THE OPERATION OF ELEVATOR, FIRE EMERGENCY SERVICE, THE MACHINE ROOM AND THE MECHANICAL HOISTWAY ACCESS KEY SHALL BE TAGGED AND KEPT IN THE KEY BOX.
- 5. PROVIDE SELF-CLOSING, SELF-LOCKING MACHINE ROOM ACCESS DOOR.
- 6. PROVIDE LIGHTS, LIGHT SWITCHES AND GFCI-PROTECTED UTILITY OUTLETS. COORDINATE LOCATIONS WITH ELEVATOR CONTRACTOR.
- 7. FOR EQUIPMENT IN THE MACHINE ROOM, A CLEARANCE OF NOT LESS THAN 18" SHALL BE PROVIDED IN THE DIRECTION(S) REQUIRED FOR MAINTENANCE, AND A CLEAR PATH OF NOT LESS THAN 18" SHALL BE PROVIDED TO ALL COMPONENTS THAT REQUIRE MAINTENANCE.
- 8. PROVIDE SEPARATE CIRCUIT WITH LOCKABLE MEANS OF DISCONNECT FOR CAB LIGHTS/EXHAUST FAN.
- PROVIDE ADEQUATE LIGHTING TO MAINTAIN MIN. 10
   FC ILLUMINATION AT PIT FLOOR.
- 10.PROVIDE PIT ACCESS LADDER, LIGHT SWITCH, LIGHT(S), AND GFCI RECEPTACLE.





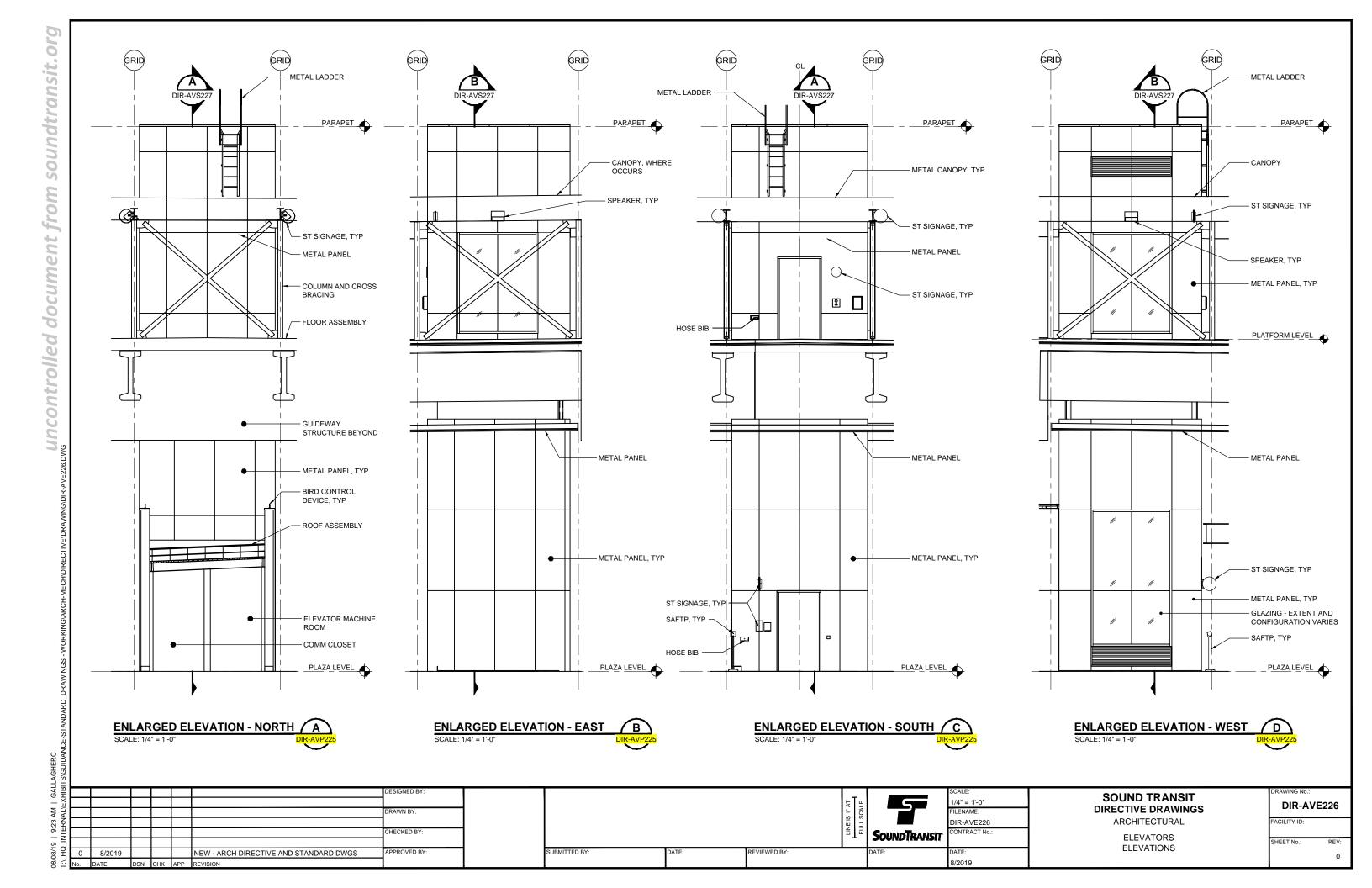
NEW - ARCH DIRECTIVE AND STANDARD DWGS

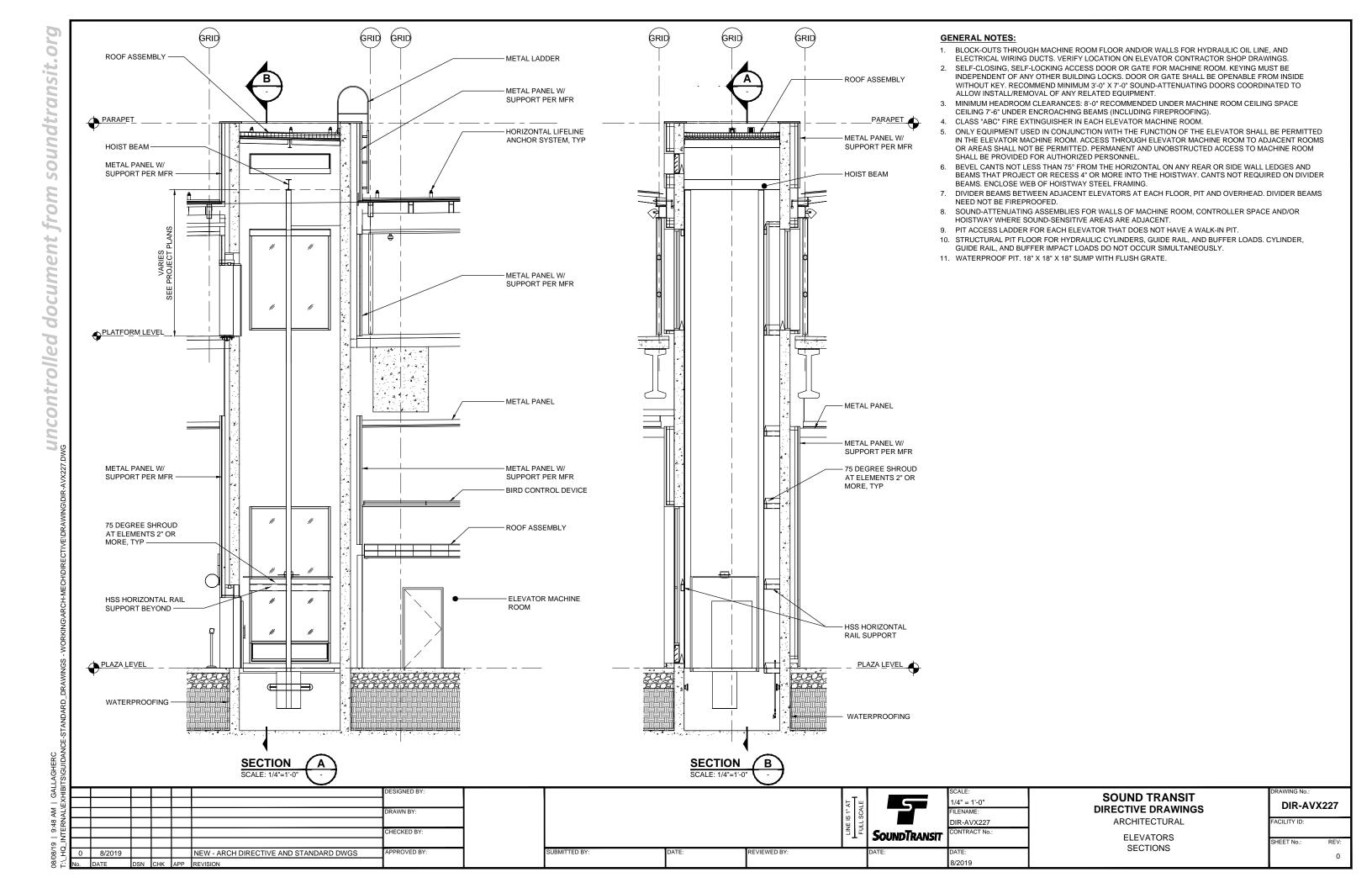
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					DIR-AVP225	
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BY:	DATE:	REVIEWED BY:		DATE:	DATE:	
					8/2010	

SOUND TRANSIT DIRECTIVE DRAWINGS ARCHITECTURAL

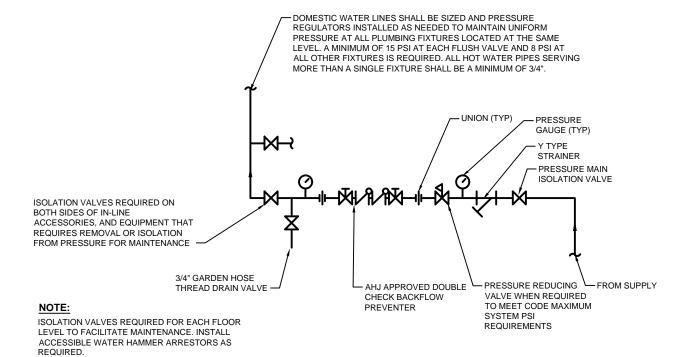
DIR-AVP225

ELEVATORS ENLARGED PLANS SHEET No.: REV:

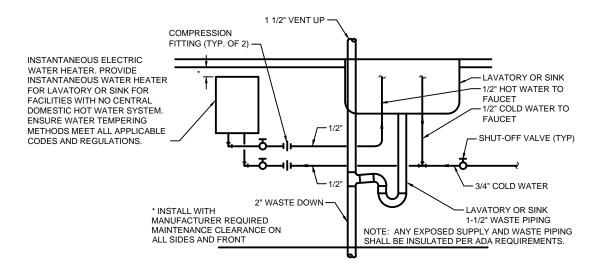




- SIZING IS FOR REFERENCE ONLY, DESIGNER TO DETERMINE SIZE BASED ON CODE AND FIXTURE REQUIREMENT.
- DRAWING IS INTENDED TO COMMUNICATE TYPICAL CONFIGURATION, DESIGN SHALL BE DEVELOPED FOR FACILITY REQUIREMENTS.



**BACKFLOW PREVENTER DETAIL** 



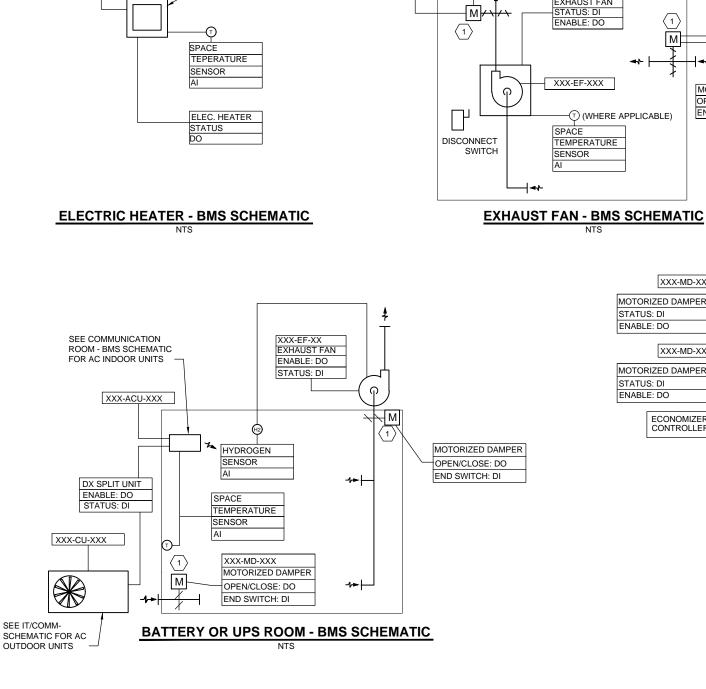
### **INSTANTANEOUS ELECTRIC WATER HEATER**

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AM   GAI AL\EXHIB		DESIGNED BY:				T."AT		SCALE: NTS FILENAME:	SOUND TRANSIT DIRECTIVE DRAWINGS	DIR-MPS130
9:41 A		CHECKED BY:				LINE IS	SoundTransit	DIR-MPS130 CONTRACT No.:	DOMESTIC WATER RISER	FACILITY ID:
8/08/19 :\_HQ_IN	0 8/2019 NEW - ARCH DIRECTIVE AND STANDARD DWGS	APPROVED BY:	1	SUBMITTED BY:	DATE:	REVIEWED BY:	DATE:	DATE: 8/2019	SCHEMATIC	SHEET No.: REV:

XXX-HTR-XXX

NEW - ARCH

8/2019

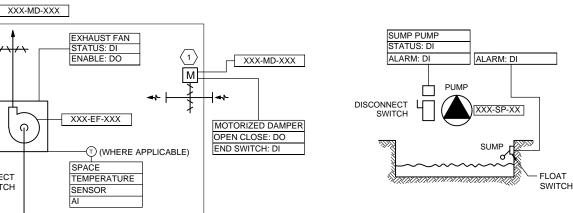


- ELECTRIC HEATER

MOTORIZED DAMPER

OPEN CLOSE: DO

END SWITCH: DI



### **SUMP PUMP - BMS SCHEMATIC**

**GENERAL NOTES:** 

OPERATING SCHEDULES.

OPERATION.

SCHEDULES.

SCHEDULES.

1. BMS CONTINUOUSLY MONITOR BUILDING ENVIRONMENTAL CONDITIONS AND EQUIPMENT

2. BMS COMPARES BUILDING ENVIRONMENTAL CONDITIONS AND EQUIPMENT OPERATION TO

3. BMS ACTIVATES OR DEACTIVATES BUILDING

4. BMS REGISTERS FAULT SIGNALS FOR BUILDING

EQUIPMENT UNABLE TO MAINTAIN ACCEPTABLE

5. BMS COMMUNICATES FAULTS TO LCC FOR STATIONS AND ST FACILITIES MAINTENANCE FOR GARAGES.

MECHANICAL EQUIPMENT BASED ON FACP INPUT. 7. BMS SHOULD USE HYDROGEN (H2) SENSORS TO MONITOR H2 CONCENTRATION LEVELS IN ROOMS

CONTAINING LEAD-ACID BATTERIES WITH GREATER

INTERMITTENT VENTILATION SHOULD LIMIT MAXIMUM

SENSOR OR INSTRUMENTATION FOR FUNCTIONALITY

CONCENTRATION OF H2 TO LESS THAN 1% OF THE

8. INSTRUMENTATION SHOWN FOR REFERENCE, BUT DESIGNER SHALL COORDINATE APPROPRIATE

OF SELF-CONTROLLED EQUIPMENT AND BMS

6. BMS MANAGES FIRE ALARM RESPONSE FOR

THAN 50 GALLONS OF LIQUID CAPACITY.

TOTAL ROOM VOLUME.

CONTROLLED EQUIPMENT.

 $\langle 1 \rangle$ PROVIDE MD OR BDD AS REQUIRED BY AHJ

**KEY NOTE:** 

ACCEPTABLE BUILDING ENVIRONMENTAL VALUES AND

EQUIPMENT AS REQUIRED TO MAINTAIN ACCEPTABLE BUILDING ENVIRONMENTAL VALUES AND OPERATING

BUILDING ENVIRONMENTAL VALUES AND OPERATING

### XXX-MD-XX M04\_ACU\_XX MOTORIZED DAMPER CALL: DO AC OUTDOOR STATUS: AI STATUS: DI CONDENSING FAULT: DI ENABLE: DO UNIT. TYP. XXX-MD-XX MOTORIZED DAMPER XXX-EFAN-XX STATUS: DI ENABLE: DO MOTORIZED DAMPER OPEN/CLOSE: DO END SWITCH: DI **ECONOMIZER** CONTROLLER XXX-MD-XX ① MOTORIZED DAMPER OPEN/CLOSE: DO ON/OFF: DI END SWITCH: DI ENABLE/ DISABLE: DO FILTER: DI SPACE TEMPERATURE SENSOR UNIT TROUBLE: DI UNIT RUNNING: DI COMMUNICATIONS ROOM MECHANICAL ROOM HYDROGEN SENSOR

### **COMMUNICATION ROOM - BMS SCHEMATIC**

	DESIGNED BY:  DRAWN BY:	LINE IS 1' AT				Scale E	SCALE: NTS FILENAME:	SOUND TRANSIT DIRECTIVE DRAWINGS	DRAWING No.: DIR-MHS140		
	CHECKED BY:					SOUNDTRANSIT	DIR-MHS140 CONTRACT No.:	MECHANICAL HVAC CONTROL STRATEGY	FACILITY ID:		
CH DIRECTIVE AND STANDARD DWGS	ARD DWGS APPROVED BY:	SUBMITTED BY:	DATE:	REVIEWED BY:	-	DATE: DATE: 8/2019	HVAC CONTROL STRATEGY SCHEMATICS	SHEET No.:	REV:		