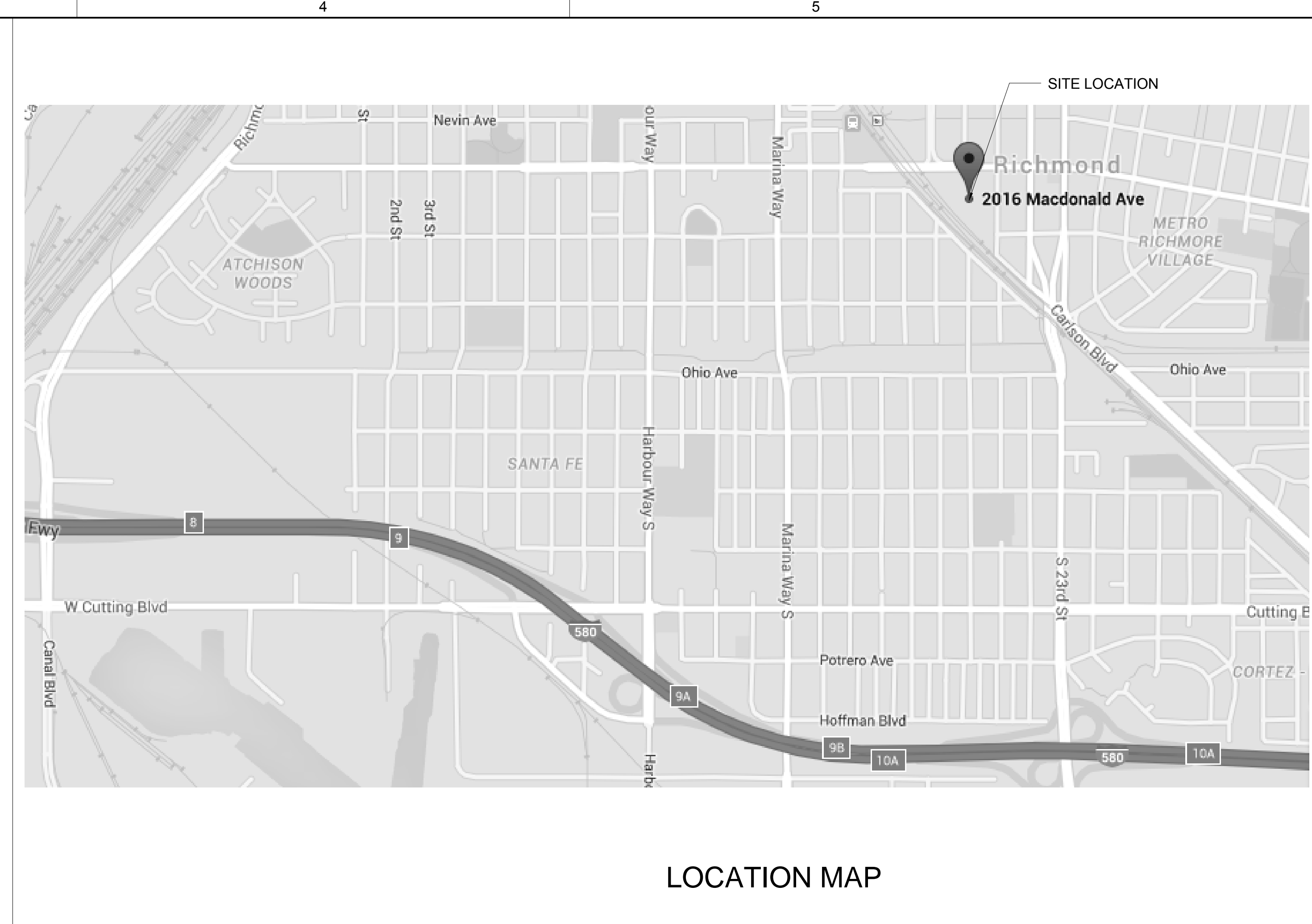




SITE AERIAL



LOCATION MAP

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DESIGNED BY:	J. JOHNSON		
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ACT FACILITIES MAINTENANCE			
ACT PROJECT MANAGER:			
DATE:	4/12/2016		
NO.	DATE	BY	APP.
4/12/16	30% SUBMITTAL		

Alameda - Contra Costa Transit District



Alameda - Contra Costa Transit District



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AC TRANSIT BUS WASH REPLACEMENT
D3 - RICHMOND BUS WASH

D3 - COVER SHEET

ACT CONTRACT #	2016-xxxx
ACT DRAWING #	
DRAWING NO:	G-000
SHEET NO:	SHEET OF

STANDARD ABBREVIATIONS

AAD	AUTOMATIC AIR DAMPER	CJ	CONSTRUCTION JOINT, CONTROL JOINT	EPRF	EXPLOSION PROOF	H	HATCH (ROOF), HIGH	MCC	MOTOR CONTROL CENTER	POS	POSITION, POSITIVE	STD	STANDARD
AB	ANCHOR BOLT	CKT	CIRCUIT	EQ	EQUAL	HAZ	HAZARD	MECH	MECHANICAL	PP	POLYPROPYLENE	STIF	STIFFENER
ABANDON		CKT BRKR	CIRCUIT BREAKER	EQ L SP	EQUALLY SPACED	HB	HOSE BIBB	MEMB	MEMBRANE	PPR	PAIR, PULVED RETURN	STR	STRIP
A/C	AIR CONDITION	CL	CENTER LINE, CLASS	ES	EQUIP	HC	HEATING COIL, HOLLOW CORE	MRM	MURRAY	PREFAB	PREFABRICATE	STM	STEAM
A/C UNIT	AIR CONDITIONING UNIT	CLG	CEILING	ES	EQUIV	HCMU	HOLLOW CONCRETE MASONRY UNIT	MEZZ	MEZZANINE	PRELIM	PRELIMINARY	STOR	STORAGE
AC	ALTERNATING CURRENT, ARMORED CABLE	CLG HT	CEILING HEIGHT	ES	EDGE OF SHOULDER	HCP	HOLLOW CONCRETE MASONRY UNIT	MEZD	MEZZANINE	PRESS	PRESSURE	ST PR	STATIC PRESSURE
ACCU	AIR COOLED CONDENSING UNIT	CLO	CLOSE	ESC	ESCAPE	HD	HEAD	MFG	MANUFACTURING	PREV	PREVIOUS	STRUCT	STRUCTURAL
ACCS DR	ACCESS DOOR	CLF	CLASSROOM	ESMT	EASEMENT	HDBD	HARDBOARD	MFR	MANUFACTURER	PR1	PRIMARY	SUCTN	SUCTION
ACSS PNL	ACCESS PANEL	CLRM	CLASSROOM	ESP	EXTERNAL STATIC PRESSURE	HOPE	HIGH DENSITY POLYETHYLENE	MFR REC	MANUFACTURER'S RECOMMENDATION	PRKG	PARKING	SUM	SUMMARY
ACSR	ALUMINUM CABLE STEEL REINF	cm	CENTIMETER	ETC	AND SO FORTH	HDW	HARDWARE	MG	MOTOR GENERATOR	PROJ	PROJECT	SUP	SUPPORT
ACST	ACOUSTIC	CMP	CORRUGATED METAL PIPE	EVAP	EVAPORATE	HDWD	HARDWOOD	MGT	MANAGEMENT	PROP	PROPELLER	SURF	SURFACE
ACT	ACOUSTICAL CEILING TILE	CMU	CONCRETE MASONRY UNIT	EW	EACH WAY	HDWL	HEADWALL	MH	MANHOLE	PRV	PRESSURE REDUCING VALVE	SUSP	SUSPEND
AD	AREA DRAIN	CND	CONDUIT	EWV	ELECTRIC WATER COOLER	HEPA	HIGH EFFICIENCY PARTICULATE AIR (FILTER)	MIC	MICROPHONE	PSF	POUND PER SQUARE FOOT	SVCE	SERVICE
ADA	AMERICANS WITH DISABILITIES ACT	CNDIS	CONDENSATE	EWV	ELECTRIC WATER HEATER	HEX	HEXAGON	MIN	MINIMUM	PSI	POUND PER SQUARE INCH	SW	SEWAGE
ADDL	ADDITIONAL	CNTR	COUNTER	EWT	ENTERING WATER TEMPERATURE	HGR	MERCURY	MIR	MIRROR	PSIA	POUND PER SQUARE INCH ABSOLUTE	SWBD	SWITCHBOARD
ADDM	ADDENDUM	CO	CLEAN OUT, COMPANY	EX	EXAMPLE	HGR	HANGER	MISC	MISCELLANEOUS	PSIG	POUND PER SQUARE INCH GAGE	SWDR	SWING DOOR
ADJ	ADJUSTABLE	COEFF	COEFFICIENT	EXC	EXCAVATE	HH	HANDHOLE	mm	MILLIMETER	PT	PAINT, PRESSURE TREATED	SWGR	SWITCHGEAR
AF	ABOVE FINISHED FLOOR	COL	COLUMN	EXH	EXHAUST	HID	HIGH INTENSITY DISCHARGE	mm3	CUBIC MILLIMETER	PTAC	PACKAGE TERMINAL AIR-CONDITIONER	SWR MH	SEWER MANHOLE
AFG	ABOVE FINISHED GRADE	COMB	COMBINATION	EXHV	EXHAUST VENT	HM	HOLLOW METAL	MO	MASONRY OPENING	PTN	PARTITION	SYM	SYMBOL
AGGR	AGGREGATE	COMM	COMMUNICATION	EXST	EXISTING	HNDRL	HANDRAIL	MOD	MODEL, MODIFY	PSY	POLYVINYL CHLORIDE	SYMM	SYMMETRICAL
AH	AMPERE HOUR	COMPR	COMPRESSOR	EXP	EXPANSION	HORIZ	HORIZONTAL	MOD BIT	MODIFIED BITUMEN	PVG	PAVING	SYS	SYSTEM
AHJ	AUTHORITY HAVING JURISDICTION	CONC	CONCENTRIC, CONCRETE	EXT	EXTERIOR, EXTERNAL, EXTINGUISHER	HP	HEAT PUMP, HORSEPOWER	MON	MONUMENT	PWR	POWER	T	TREAD
AHU	AIR HANDLING UNIT	CONC FL	CONCRETE FLOOR	EXT	EXTERIOR, EXTERNAL, EXTINGUISHER	HPS	HIGH PRESSURE SODIUM	MOT	MOTOR	QA	QUALITY ASSURANCE	TAN	TANGENT
ALM	ALARM	COND	CONDENSER	F	FARENHEIT, FEMALE	HQ	HEADQUARTERS	MOV	MOTOR OPERATED VALVE	QA	QUALITY ASSURANCE	T&B	TOP AND BOTTOM
ALT	ALTERNATE	CONF	CONFERENCE	FA	FIRE ALARM, FRESH AIR	HS	HIGH STRENGTH	MPH	MILES PER HOUR	QC	QUALITY CONTROL	TC	TERRA COTTA
ALUM	ALUMINUM	CONN	CONNECTION	FAB	FABRIC	HRT	HEIGHT	MPT	MALE PIPE THREAD	QT	QUARRY TILE	TD	TEMPERATURE DIFFERENCE, TRENCH DRAIN
AMB	AMBIENT	CONSTR	CONSTRUCTION	FACP	FIRE ALARM CONTROL PANEL	HVAC	HEATING, VENTILATING & AIR CONDITIONING	MR	MOISTURE RESISTANT	QTB	QUARRY TILE BASE	TDH	TOTAL DYNAMIC HEAD
AMP	AMPERE	CONT	CONTINUE, CONTROLLER	FAI	FRESH AIR INLET	HW	HOT WATER	MRT	MARBLE THRESHOLD	QTR	QUARTER	TEL	TELEPHONE
ANN	ANNUNCIATOR	CONTR	CONTRACT, CONTRACTOR	FC	FILE CABINET, FOOT CANDLE	HWP	HOT WATER PUMP	MS	MOP SINK	QTY	QUANTITY	TEMP	TEMPERATURE, TEMPORARY
APPD	APPROVED	COORD	COORDINATE	FCO	FLOOR CLEANOUT	HWY	HIGHWAY	MSL	MEAN SEA LEVEL	QUAD	QUADRANGLE, QUADRANT	TER	TERRAZZO
APPROX	APPROXIMATE	COEF	COEFFICIENT OF PERFORMANCE	FCTY	FACTORY	HTD	HEIGHT	MTD	MOUNTED	TERM	TERMINAL	TERF	TERMINAL
AR	AS REQUIRED	CORR	CORRIDOR	FCU	FAN COIL UNIT	HZ	HERTZ	MTG	MOUNTING	R	RADIUS, RISER	T&G	TONGUE AND GROOVE
ARCH	ARCHITECT	CPT	CARPET, CONTROL POWER TRANSFORMER	FD	FLOOR DRAIN	ID	INSIDE DIAMETER, INSIDE DIMENSION	MTL	METAL	RA	RADIATION, RADIATOR	THD	THREAD
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS	CPVC	CHLORINATED POLYVINYL CHLORIDE	FDMPR	FIRE DAMPER	ID NO	INSIDE DIAMETER, INSIDE DIMENSION	MVA	MEGAVOLT AMPERES	RAD	RADIATION, RADIATOR	THK	THICKNESS
ASPH	ASPHALT	CR	CONTROL RELAY	FDR	FEEDER	IF	INSIDE FACE	N	NORTH	RC	REINFORCED CONCRETE	THRES	THRESHOLD
ASSY	ASSEMBLY	CRP	CONDENSATE RETURN PUMP	FDN	FOUNDATION	INC	INCANDESCENT	N	NORTH	RC	REFLECTED CEILING PLAN, REINF CONC	THRU	THROUGH
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS	CRS	COLD ROLLED STEEL	FDN	FOUNDATION	INCAND	INCANDESCENT	N	NORTH	RCP	RECEPTACLE	THRU	THROUGH
ASYM	ASYMMETRICAL	CSK	COUNTERSUNK	FE	FIRE EXTINGUISHER	INCL	INCLUDED	NATL	NATIONAL	RCPN	RECEPTION	TOC	TOP OF CONCRETE, TOP OF CURB
ATS	AUTOMATIC TRANSFER SWITCH	CT	CERAMIC TILE, CURRENT TRANSFORMER	FEC	FIRE EXTINGUISHER W/CABINET	INCL	INCLUDED	NC	NORMALLY CLOSED	RCVR	RECEIVER	TOF	TOP OF FOOTING
AUTO	AUTOMATIC	CTB	CERAMIC TILE BASE	FED	FEDERAL	INCL	INCLUDED	NEG	NEGATIVE	RD	ROAD, ROOF DRAIN	TOL	TOLERANCE
AUX	AUXILIARY	CTD	COATED	FF	FAR FACE, FINISH FACE	INFO	INFORMATION	NEUT	NEUTRAL	RDC	REDUCER	TOM	TOP OF MASONRY
AVE	AVENUE	CTG	COATING	FF BATT	FIL BACKED BATT INSULATION	IN-LE	INCH-POUND	NF	NEAR FACE	REC	RECESSED	TOPO	TOPOGRAPHY
AVG	AVERAGE	CTR	CENTER	F&E	FURNITURE, FUTURE & EQUIPMENT	INSTR	INSTRUMENT	NIC	NOT IN CONTRACT	RECIP	RECIPROCAL	TOP	TOP OF WALL
AWG	AMERICAN WIRE GAGE	CTRL	CONTROL	F/F	FACE TO FACE	INSUL	INSULATION	NO	NORMALLY OPEN, NUMBER	RECIRC	RECIRCULATE	TOS	TOP OF SLAB, TOP OF STEEL
AWT	ACOUSTICAL WALL TREATMENT	CU	COPPER	FH	FIRE HOSE	INT	INTERIOR	NOM	NOMINAL	RECP	RECEPTACLE	TP	TELEPHONE POLE, TOTAL PRESSURE
AWWA	AMERICAN WATER WORKS ASSOCIATION	CU FT	CUBIC FOOT (FEET)	FHC	FIRE HOSE CABINET	INTL	INTERNATIONAL	NON STD	NONSTANDARD	REC ROOM	RECREATION ROOM	TS	TUBE STEEL
AZ	AZIMUTH	CUH	CABINET UNIT HEATER	FHR	FIRE HOSE RACK	INV	INVERT	NORM	NORMAL	RECT	RECTANGLE	TSTAT	THERMOSTAT
BAT	BATTERY	CU INCH	CUBIC INCH	FHWA	FEDERAL HIGHWAY ADMINISTRATION	INV EL	INVERT ELEVATION	NPT	NATIONAL PIPE THREAD	REF	REFERENCE, REFRIGERATION	TW	TELEVISION
BC	BOLT CIRCLE, BOOKCASE	CUR	CURRENT	FIG	FIGURE	IR	IRON PIPE	NRC	NOISE REDUCTION COEFFICIENT	REFL	REFLECT	TYP	TYPICAL
BD	BOARD	CU YD	CUBIC YARD	FIL	FILLET	IR	IRON PIPE	NS	NEAR SIDE	REINF	REINFORCE	UGND	UNDERGROUND
BDD	BACKDRAFT DAMPER	CW	COLD WATER PIPING	FIN	FINISH	J-BOX	JUNCTION BOX	NTS	NOT TO SCALE	REPL	REMOVABLE	UH	UNIT HEATER
BDRY	BOUNDARY	CYL	CYLINDER	FIN BS	FINISH BOTH SIDES	JAN	JANITOR	NT WT	NET WEIGHT	REPL	REPLACE	UL	UNDERWRITERS LABORATORIES
BF	BOTH FACES	D	DEEP, DEPTH	FIN FLR	FINISHED FLOOR	JAN	JANITOR	OA	OUTSIDE AIR, OVERALL	REQD	REQUIRED	UN	UNLESS NOTED
BFP	BACKFLOW PREVENTER	DA	DRAINAGE AREA	FIXTURE	FIXTURE	JAN CLJANITOR'S CLOSET	JAN CLJANITOR'S CLOSET	OA	OUTSIDE AIR INTAKE	RET	RETAINING, RETURN	UNO	UNLESS NOTED OTHERWISE
BFWP	BOILER FEED WATER PUMP	DB	DECIBEL AREA	FLA	FULL LOAD AMPS	KB	KNEE BRACE	OC	ON CENTER	RFI	REQUEST FOR INFORMATION	UR	URNAL
BHP	BRAKE HORSEPOWER	DB	DRY BULB	FLX	FLEXIBLE	KIT	KITCHEN	OCB	OIL CIRCUIT BREAKER	RH	RIGHT HAND	UTIL	UTILITY
BITUM	BITUMINOUS	DBL	DOUBLE	FLG	FLANGE	KLF	KIP(S) PER LINEAR FOOT	OC	OCCUPY	RLL	REFRIGERANT LIQUID LINE	V	VOLT
BLWDN	BLOWDOWN	DC	DIRECT CURRENT	FLM	LUSH MOUNT	KO	KNOCKOUT	OD	OUTSIDE DIAMETER	RM	ROOM	V	VOLT
BL	BASE LINE	DDC	DIRECT DIGITAL CONTROL	FLD	FLUID DRAIN	KPA	KILOPASCAL	OF	OWNER FURNISHED / CONTRACTOR INSTALLED	RMS	ROOT MEAN SQUARE	VA	VOLT AMPERES
BLDG	BUILDING	DEG	DEGREE	FLR	FLOOR	KSF	KIP(S) PER SQUARE FOOT	OF/CI	OWNER FURNISHED / CONTRACTOR INSTALLED	RND	ROUND	VAC	VACUUM
BLKT	BLANKET	DEL	DELETE	FLR SK	FLOOR SINK	kV	KILOVOLT	OFD	OVERFLOW DRAIN	RO	ROUGH OPENING	VAN	VANITY
BLR	BOILER	DEMO	DEMOLITION	FLW	FLOW SWITCH	kVA	KILOVOLT-AMPERE	OFF	OFFICE	ROW	RIGHT-OF-WAY	VAR	VARIATION, VARIES, VOLT AMPERES REACTIVE
BLR HP	BOILER HORSEPOWER	DEPT	DEPARTMENT	FLUOR	FLUORESCENT	kVAR	KILOVOLT-AMPERE REACTIVE	OF/OI	OWNER FURNISHED / OWNER INSTALLED	RPM	REVOLUTIONS PER MINUTE	VAV	VARIABLE AIR VOLUME
BLT	BORROWED LIGHT	DET	DETAIL	FN	FENCE	kW	KILOWATT	OH	OVERHANG	RR	RAILROAD	VAC	VACUUM BREAKER, VINYL BASE
BLVD	BULEVARD	DEV	DEVELOPMENT	FN	FUEL OIL	kWh	KILOWATT HOUR	OH	OVERHANG	RTR	REFRIGERANT SUCTION LINE	VCT	VINYL COMPOSITION TILE, VITRIFIED CLAY TILE
BLW	BELOW	FOTK	FUEL OIL STORAGE TANK	FP	FIREPROOF, FLAGPOLE	kWhm	KILOWATT HOUR METER	OPH	OPPOSITE HAND	RT	RIGHT	VCT	VINYL COMPOSITION TILE, VITRIFIED CLAY TILE
BM	BEAM, BENCHMARK	DI	DROP INLET	FP	FIREPROOF, FLAGPOLE	L	ANGLE	OPNG	OPENING	RTF	RUBBER TILE FLOOR	VEL	VELOCITY
BOS	BOTTOM OF STEEL	DIA	DIAMETER	FPM	FOOT (FEET) PER MINUTE	LA	LIGHTNING ARRESTER	OPP	OPPOSITE	RV	REINFORCED CONCRETE	VENT	VENTILATOR
BOT	BOTTOM	DIAG	DIAGRAM	FPS	FOOT (FEET) PER SECOND	LAB	LABORATORY	OPT	OPTIONAL	RVS	REVERSE	VERT	VERTICAL
B PL	BASE PLATE	DIF	DIFFERENCE, DIFFUSER	FRM	FRAME	LAD	LADDER	OR	ORIGIN	RW	ROADWAY	VEST	VESTIBULE
BR	BEDROOM	DIM	DIMENSION	FREQ	FREQUENCY	LAM	LAMINATE	ORIG	ORIGINAL	RWL	RAIN WATER LEADER	VFD	VARIABLE FREQUENCY DRIVE
BRG	BRACING	DIP	DUCTILE IRON PIPE	FRP	FIBER GLASS REINFORCED PLASTIC	LAM GL	LAMINATED GLASS	OVC	OVERCURRENT	S	SOUTH	VIB	VIBRATION
BRDG	BRIDGING	DIR	DIRECTION	FS	FAR SIDE, FEDERAL SPECIFICATION	LAM	LAMINATE	OVFL	OVERFLOW	SAN	SANITARY	VIF	VERIFY IN FIELD
BRG	BEARING	DISC	DISCONNECT	FT	FOOT, FEET	LAT	LATITUDE, LEAVING AIR TEMPERATURE	OZ	OUNCE	SAPC	SUSPENDED ACOUSTICAL PLASTER CEILING	VOL	VOLUME
BRKT	BRACKET	DISCH	DISCHARGE	FTG	FOOTING	LAV	LAVATORY	P	SINGLE POLE	SATC	SUSPENDED ACOUSTICAL TILE CEILING	VR	VAPOR RETARDER
BRZ	BRONZE	DISP	DISPENSER	FT HD	FEET OF HEAD	LIN	LINEAR	PARA	PARAGRAPH	SC	SOLID CORE	VS	VOLTMETER SWITCH
BS	BOTH SIDES	DIST	DISTANCE	FURN	FURNISH, FURNITURE	LF	LINEAR FEET	PAT	PATTERN	SCB	SPLASH BLOCK	VTR	VENT THRU ROOF
BSMT	BASEMENT	DISTR PNL	DISTRIBUTION PANEL	FUT	FUTURE	LH	LEFT HAND	PB	PANELBOARD, PULL BOX	SC	SCHEDULE	VWC	VINYL WALL COVERING
Btu	BRITISH THERMAL UNIT	DIV	DIVISION	FVNR	FULL VOLTAGE NON-REVERSING	LHS	LEFT HAND SIDE	PAT	PATTERN	SCHED	SCHEDULE	W	WASTE, WATT, WEST, WIDE
BtuH	BRITISH THERMAL UNIT PER HOUR	DIV	DIVISION	FVR	FULL VOLTAGE REVERSING	LIM SW	LIMIT SWITCH	PB	PANELBOARD, PULL BOX	SCHM	SCHEMATIC	W	WASTE, WATT, WEST, WIDE
BTVN	BETWEEN	DMLR	DEAD LOAD	FWC	FABRIC WALL COVERING	LIN	LINEAR	PC	PIECE, POINT OF CURVE, PORTLAND CEMENT	SCMU	SOLID CONCRETE MASONRY UNITS	W	WATT
BUR	BUILT-UP ROOF	DMR	DAMPEN	G	GROUND, NATURAL GAS	LINO	LINOLEUM	PCF	POINT OF COMPOUND CURVE	SCP	SCUPPER	WB	WET BULB
C	CELSIUS, CHANNEL	DOM	DOMESTIC	G	GROUND, NATURAL GAS	LQ	LIQUID	PCF	POUNDS PER CUBIC FOOT	SD	STORM DRAIN	WC	WATER CLOSET
C TO C	CENTER TO CENTER	DOZ	DOZEN	G	GROUND, NATURAL GAS	LL	LIVE LOAD	PCT	PERCENT	SDL	SADDLE	WCO	WALL CLEANOUT
CAB	CABINET	DPDT	DOUBLE POLE DOUBLE THROW	GAL	GALLON	LLH	LONG LEG HORIZONTAL	PD	PRESSURE DROP	SDMPR	SMOKE DAMPER	WD	WOOD, WOOD DOOR
CALC	CALCULATE	DPST	DOUBLE POLE SINGLE THROW	GALV	GALVANIZED	LLV	LONG LEG VERTICAL	PE	PNEUMATIC-ELECTRIC	SECT	SECTION	WDW	WINDOW
CAP	CAPACITY	DR	DOOR, DRAIN, DRIVE	GALV STL	GALVANIZED STEEL	LNG	LONGITUDE	PED	PEDESTAL	SEP	SEPARATOR, SEPARATE	WF	WIDE FLANGE
CAT	CATALOGUE	DS	DISCONNECT SWITCH, DOWNSPOUT	GC	GENERAL CONTRACTOR	LP	LOW POINT	PERF	PERFORATED	SP	SQUARE FOOT (FEET)	WGL	WALL GLASS
CB	CATCH BASIN, CERAMIC BASE	DW	DISHWASHER, DISTILLED WATER	GD	GUARD	LPT	LOW POINT	PERIM	PERIMETER	SHLDR	SHOULDER	WH	WALL HYDRANT
C/C	COOLING COIL	DWG	DRAWING	GEN	GENERAL, GENERATOR	LRA	LOCKED ROTOR AMPS	PERM	PERMANENT	SHR	SHOWER	WHA	WATER HAMMER ARRESTER
CC	CUBIC CENTIMETER	E	EAST	GFCI	GROUND FAULT CIRCUIT INTERRUPTER	LS	LUMP SUM	PERP	PERPENDICULAR	SHT	SHEET	WHM	WATT HOUR METER
CCTV	CLOSED CIRCUIT TELEVISION	E	EAST	GFRG	GLASS FIBER REINFORCED GYPSUM	LT	LIGHT	PF	POWER FACTOR	SIM	SIMILAR	WI	WROUGHT IRON
CCW	COUNTERCLOCKWISE	EA	EACH	GL	GLASS	LTG	LIGHTING	PH	PRESSURE GAGE	SLNT	SEALANT	WL	WIND LOAD
CEM	CEMENT	EAT	ENTERING AIR TEMPERATURE	GL BLK	GLASS BLOCK	LT WT	LIGHT WEIGHT	PH	PRESSURE GAGE	SLV	SLEEVE	WM	WATER METER, WATER METER
CER	CERAMIC	ECC	ECCENTRIC	GLZ	GLAZING	LVR	LOUVER	PHC	PREHEAT COIL	SOLV	SOLENOID VALVE	W/O	WITHOUT
CF/CI	CONTRACTOR FURNISHED / CONTR INSTALLED	EER	ENERGY EFFICIENCY RATIO	GOVT	GOVERNMENT	LWT	LEAVING WATER TEMPERATURE	PI	POINT OF INTERSECTION	SP	STANDPIPE	WP	WATER PROOFING, WEATHERPROOF, WORKING
CFC	CONTRACTOR FURNISHED EQUIP	EFF	EFFICIENCY	GP	GROUP	m3	CUBIC METER	PIV	POST INDICATOR VALVE	SPC	SUSPENDED PLASTER CEILING	POINT	POINT
CFM	CUBIC FOOT (FEET) PER MINUTE	EFF	EFFICIENCY	GPD	GALLONS PER DAY	m	METER	PK GAR	PARKING GARAGE	SPDT	SINGLE POLE DOUBLE THROW	WT	WEIGHT, WIRE TROUGH
CF/OI	CONTRACTOR FURNISHED / OWNER INSTALLED	EFS	EXTERIOR INSULATION FINISH SYSTEM	GPH	GALLONS PER HOUR	MA	MILLIAMPER	PL	PROPERTY LINE	SPEC	SPECIFICATION	WTR	WATER
CFS	CUBIC FOOT (FEET) PER SECOND	EJ	EXPANSION JOINT	GPM	GALLONS PER MINUTE	MACH	MACHINE	PLAS	PLASTIC LAMINATE	SPKLR	SPEAKER	X SECT	CROSS SECTION
CG	CENTER OF GRAVITY, CORNER GUARD	EL	ELEVATION	GPS	GALLONS PER SECOND	MACH RM	MACHINE ROOM	PLAT	PLATFORM	SPKR	SPEAKER	YD	YARD, YARD DRAIN
CH	CHILLER	ELEC	ELECTRIC	GR FL	GROUND FLOOR	MAINT	MAINTENANCE	PLBG	PLUMBING	SPRT	SUPPORT	YH	YARD HYDRANT
CHB	CHALKBOARD	ELEV	ELEVATOR	GR WT	GROSS WEIGHT	MAG	MAGNET	PLC	PLACE	SPST	SINGLE POLE SINGLE THROW	YR	YEAR
CHEM	CHEMICAL	EMER	EMERGENCY	GRN	GRANITE	MANT	MANTEL	PLF	PLUMBS PER LINEAR FOOT	ST	STATION		
CHFR	CHAMFER	EMI	ELECTROMAGNETIC INTERFERENCE	GSU	GLAZED STRUCTURAL UNIT	MATL	MATERIAL	PLYWD	PLYWOOD	SO IN	SQUARE INCH		
CHG	CHARGER	EMT	ELECTRICAL METALLIC TUBING	GV	GASOLINE VALVE	MAX	MAXIMUM	PMF	PROBABLE MAXIMUM FLOOD	SQ YD	SQUARE YARD		
CHK	CHECK	ENCL	ENCLOSURE	GVL	GRAVEL	MB	MAIL BOX, MIXING BOX	PN	PART NUMBER	SS	STORM SEWER		
CHWP	CHILLED WATER PUMP	ENGR	ENGINEER	GWT	GLAZED WALL TILE	MbH	THOUSAND BRITISH THERMAL UNITS/HOUR	PNEU	PNEUMATIC	SSP	STAINLESS STEEL PIPE		
CI	CAST IRON, CURB INLET	ENTR	ENTRANCE	GYP BD	GYPSUM BOARD	MC	MOMENT CONNECTION	PNL	PANEL				

D

C

B

A

GENERAL ARCHITECTURAL NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WORK WITH ALL SUB-CONTRACTORS AND APPLICABLE TRADES.
2. ALL WORK SHALL BE IN ACCORDANCE WITH MANUFACTURER'S LATEST STANDARD RECOMMENDATIONS AND ALL APPLICABLE CODES.
3. FOR LEGEND AND ABBREVIATIONS SEE DRAWING G-003, G-004 AND THIS DRAWING.
4. COORDINATE OPENING LOCATIONS AND SIZES THROUGH PARTITIONS ABOVE THE CEILINGS REQUIRED PENETRATIONS WITH MEP AND PROCESS DRAWINGS.
5. CONTRACTOR SHALL COORDINATE LOCATIONS OF LIGHT FIXTURES, SPRINKLER HEADS, REGISTERS, ETC. WITH THE ELECTRICAL, MECHANICAL, PLUMBING, AND SPRINKLER DRAWINGS. ALL SPRINKLER HEADS, DIFFUSERS AND REGISTERS SHALL BE CENTERED IN SUSPENDED ACOUSTICAL PANELS, UNLESS OTHER WISE NOTED ON DRAWINGS.
6. CONTRACTOR SHALL FILL ALL VOIDS IN MASONRY AND CONCRETE AROUND ALL PENETRATIONS WITH CONSTRUCTION TO MATCH SURROUNDING CONDITIONS.
7. CONTRACTOR IS RESPONSIBLE FOR PAINTING ALL EXPOSED STEEL, DECKING, PIPING, CONDUIT, SPRINKLER PIPING AND DUCTS WHICH ARE EXPOSED IN AREAS WITH NO CEILINGS AND SCHEDULED TO RECEIVE PAINT FINISH AS INDICATED ON INTERIOR FINISH NOTES.
8. THE ABBREVIATION "AFF" STANDS FOR "ABOVE FINISHED FLOOR". THIS IS MEANT TO INDICATE THE DIMENSION ABOVE THE FINAL FLOOR FINISH (I.E. CARPET, CT, VCT, ETC.) THE GENERAL CONTRACTOR MUST REVIEW AND COORDINATE ANY REQUIRED FINAL FLOOR FINISH WITH ANY HEIGHTS REQUIRED BEFORE THE INSTALLATION OF THE FLOOR FINISH.
9. ALL INTERIOR DIMENSIONS ARE TO FACE OF FINISHED WALL. ALL EXTERIOR DIMENSIONS ARE TO THE FACE OF PRECAST CONCRETE.
10. INTERIOR PARTITIONS ARE DIMENSIONED TO NOMINAL THICKNESS ON FLOOR PLANS. SEE PARTITION TYPES ON SHEET A-501 FOR ACTUAL THICKNESS.
11. BUILDING FINISHED FLOOR REFERENCE ELEVATION 100'-0" EQUALS ELEVATION 23.50', REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATION.

DESIGNED BY:	J. JOHNSON
DRAWN BY:	D. UNGSON
ACT FACILITIES MAINTENANCE	
ACT PROJECT MANAGER:	
DATE:	4/12/2016

Alameda - Contra Costa Transit District



Alameda - Contra Costa Transit District



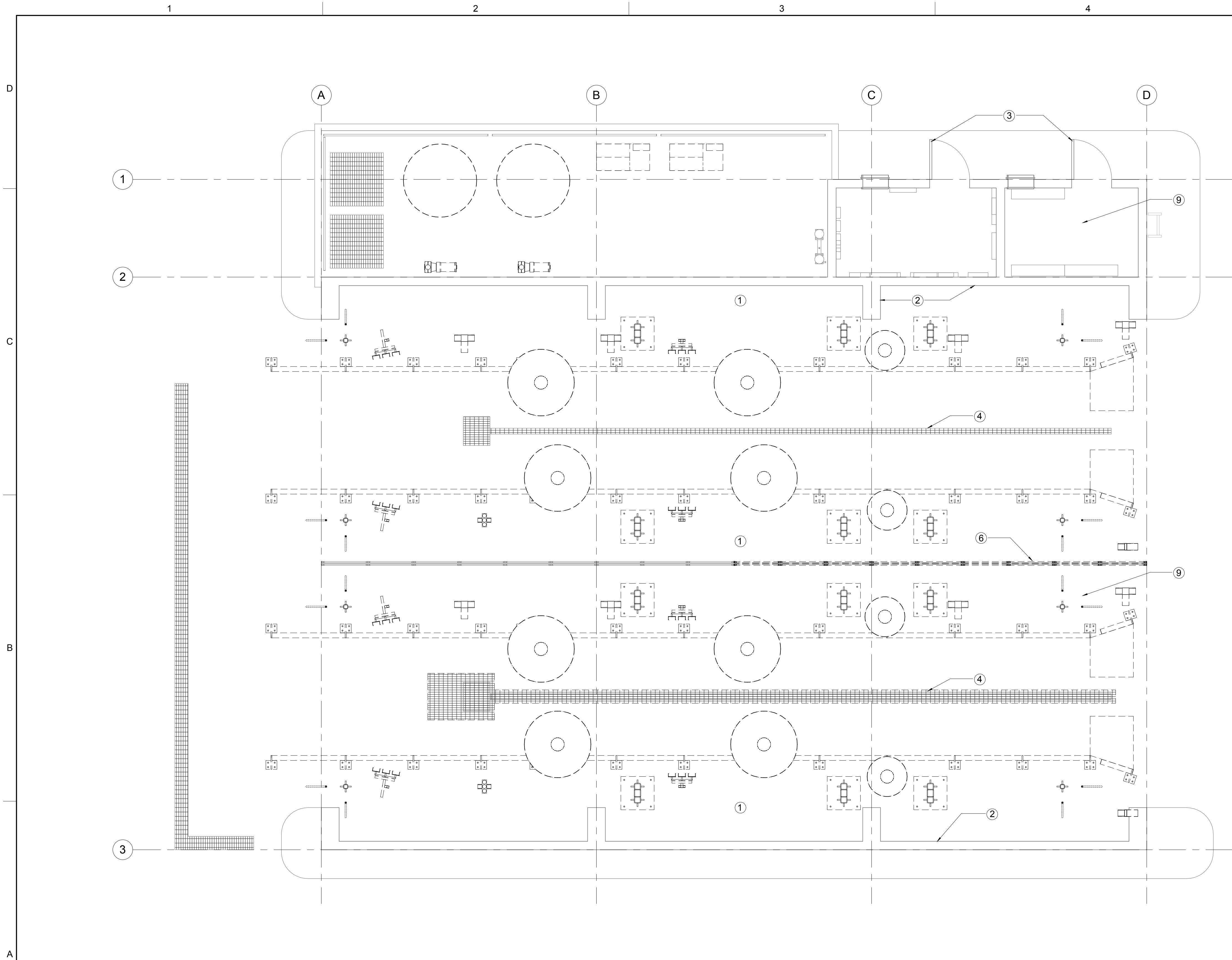
STV INCORPORATED
 560 14th Street - Suite 400
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 t: 510.763.1313
 f: 510.465.1586

**AC TRANSIT BUS WASH REPLACEMENT
 D3 - RICHMOND BUS WASH**

D3 - DEMOLITION NOTES

ACT CONTRACT #	2016-xxxx
ACT DRAWING #	
DRAWING NO.:	AD-001
SHEET NO.:	SHEET OF


NO.	DATE	BY	APP.
	4/12/16		
	30% SUBMITTAL		



- GENERAL DEMOLITION NOTES**
- SEE Q SHEETS FOR EQUIPMENT DEMO.
 - SEE E SHEETS FOR ELECTRICAL DEMO.
 - SEE P SHEETS FOR PLUMBING DEMO.
- SHEET NOTES**
- ① BLAST CLEAN CONCRETE SLAB.
 - ② CLEAN PAINTED MASONRY WALLS. REMOVE ALL MOSS AND LOOSE PAINT.
 - ③ REMOVE (E) METAL DOORS AND HARDWARE.
 - ④ PROTECT DRAINS FROM ALL CLEANING RUN-OFF. REMOVE DEBRIS FROM SITE.
 - ⑥ REMOVE CENTER PARTITION-CORRUGATED FIBER GLASS PANELS.
 - ⑦ CLEAN CEILING BEAMS AND DECKING.
 - ⑧ CUT OPENING IN ROOF DECK FOR FAN.
 - ⑨ REMOVE (E) BUILT UP ROOFING WITH GRAVEL BALLAST.
 - ⑩ AFTER EQUIPMENT (QD-101) AND CENTRAL PANEL (NOTE 6) CONTRACTOR TO FIELD VERIFY PLACEMENT OF ANCHOR BOLTS THAT DO NOT MEET PLACEMENT REQUIREMENTS FOR ANCHORING NEW EQUIPMENT TO GROUND FLUSH.

DEMOLITION PLAN

1
AD-101 1/4" = 1'-0" 0 4' 8' 16'

DESIGNED BY: J. JOHNSON	 Alameda - Contra Costa Transit District
DRAWN BY: D. UNGSON	
ACT FACILITIES MAINTENANCE	
ACT PROJECT MANAGER:	
DATE: 4/12/2016	BY APP.
NO. DATE	1 4/12/16 30% SUBMITTAL

Alameda - Contra Costa Transit District

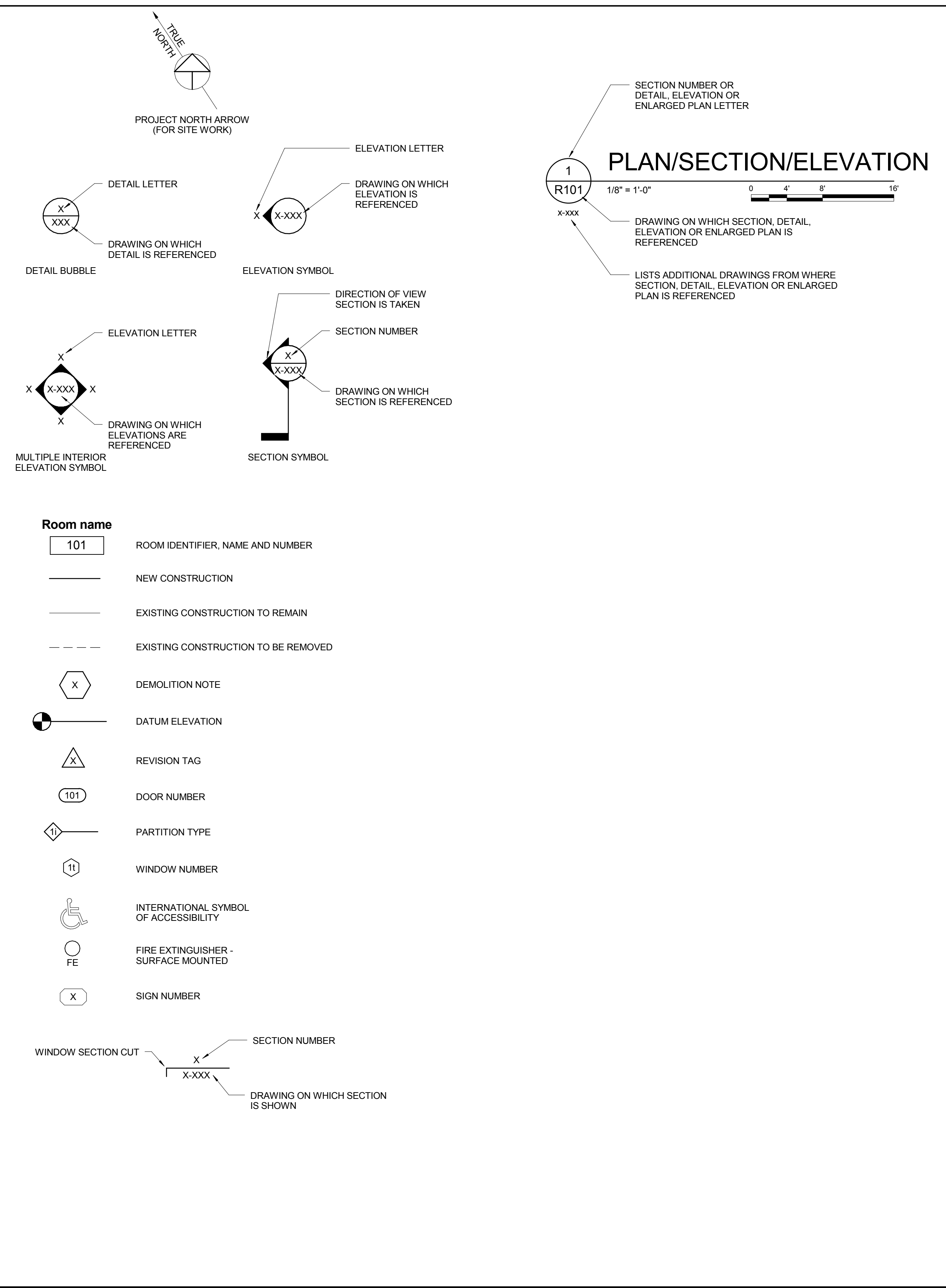

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**AC TRANSIT BUS WASH REPLACEMENT
D3 - RICHMOND BUS WASH**

D3 - DEMOLITION PLAN

ACT CONTRACT #	2016-xxxx
ACT DRAWING #	
DRAWING NO.:	AD-101
SHEET NO.:	SHEET OF

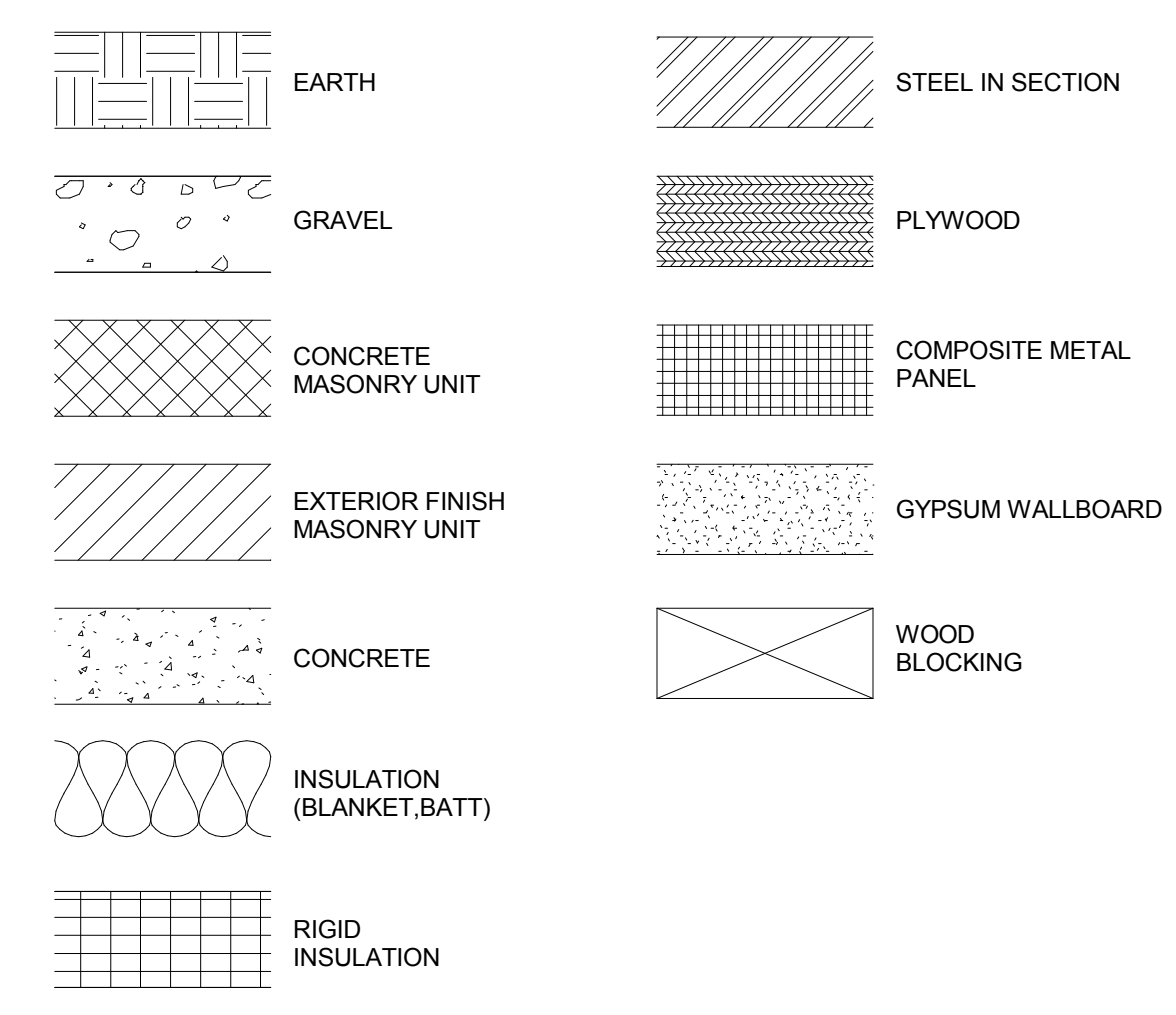
GENERAL SYMBOLS



GENERAL ARCHITECTURAL NOTES

- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WORK WITH ALL SUB-CONTRACTORS AND APPLICABLE TRADES.
- ALL WORK SHALL BE IN ACCORDANCE WITH MANUFACTURER'S LATEST STANDARD RECOMMENDATIONS AND ALL APPLICABLE CODES.
- FOR LEGEND AND ABBREVIATIONS SEE DRAWING G-003, G-004 AND THIS DRAWING.
- COORDINATE OPENING LOCATIONS AND SIZES THROUGH PARTITIONS ABOVE THE CEILINGS REQUIRED PENETRATIONS WITH MEP AND PROCESS DRAWINGS.
- CONTRACTOR SHALL COORDINATE LOCATIONS OF LIGHT FIXTURES, SPRINKLER HEADS, REGISTERS, ETC. WITH THE ELECTRICAL, MECHANICAL, PLUMBING, AND SPRINKLER DRAWINGS. ALL SPRINKLER HEADS, DIFFUSERS AND REGISTERS SHALL BE CENTERED IN SUSPENDED ACOUSTICAL PANELS, UNLESS OTHERWISE NOTED ON DRAWINGS.
- CONTRACTOR SHALL FILL ALL VOIDS IN MASONRY AND CONCRETE AROUND ALL PENETRATIONS WITH CONSTRUCTION TO MATCH SURROUNDING CONDITIONS.
- CONTRACTOR IS RESPONSIBLE FOR PAINTING ALL EXPOSED STEEL, DECKING, PIPING, CONDUIT, SPRINKLER PIPING AND DUCTS WHICH ARE EXPOSED IN AREAS WITH NO CEILINGS AND SCHEDULED TO RECEIVE PAINT FINISH AS INDICATED ON INTERIOR FINISH NOTES.
- THE ABBREVIATION "AFF" STANDS FOR "ABOVE FINISHED FLOOR". THIS IS MEANT TO INDICATE THE DIMENSION ABOVE THE FINAL FLOOR FINISH (I.E. CARPET, CT, VCT, ETC.) THE GENERAL CONTRACTOR MUST REVIEW AND COORDINATE ANY REQUIRED FINAL FLOOR FINISH WITH ANY HEIGHTS REQUIRED BEFORE THE INSTALLATION OF THE FLOOR FINISH.
- ALL INTERIOR DIMENSIONS ARE TO FACE OF FINISHED WALL. ALL EXTERIOR DIMENSIONS ARE TO THE FACE OF PRECAST CONCRETE.
- INTERIOR PARTITIONS ARE DIMENSIONED TO NOMINAL THICKNESS ON FLOOR PLANS. SEE PARTITION TYPES ON SHEET A-501 FOR ACTUAL THICKNESS.
- BUILDING FINISHED FLOOR REFERENCE ELEVATION 100'-0" EQUALS ELEVATION 23.50', REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATION.

GENERAL MATERIAL LEGEND



DESIGNED BY:	J. JOHNSON		
DRAWN BY:	D. UNGSON		
ACT FACILITIES MAINTENANCE			
ACT PROJECT MANAGER:			
DATE:	4/12/2016		
NO.	DATE	BY	APP.
4/12/16	30% SUBMITTAL		

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**AC TRANSIT BUS WASH REPLACEMENT
 D3 - RICHMOND BUS WASH**

D3 - ARCHITECTURAL NOTES AND SYMBOLS

ACT CONTRACT #	2016-xxxx
ACT DRAWING #	
DRAWING NO.:	A-001
SHEET NO.:	SHEET OF

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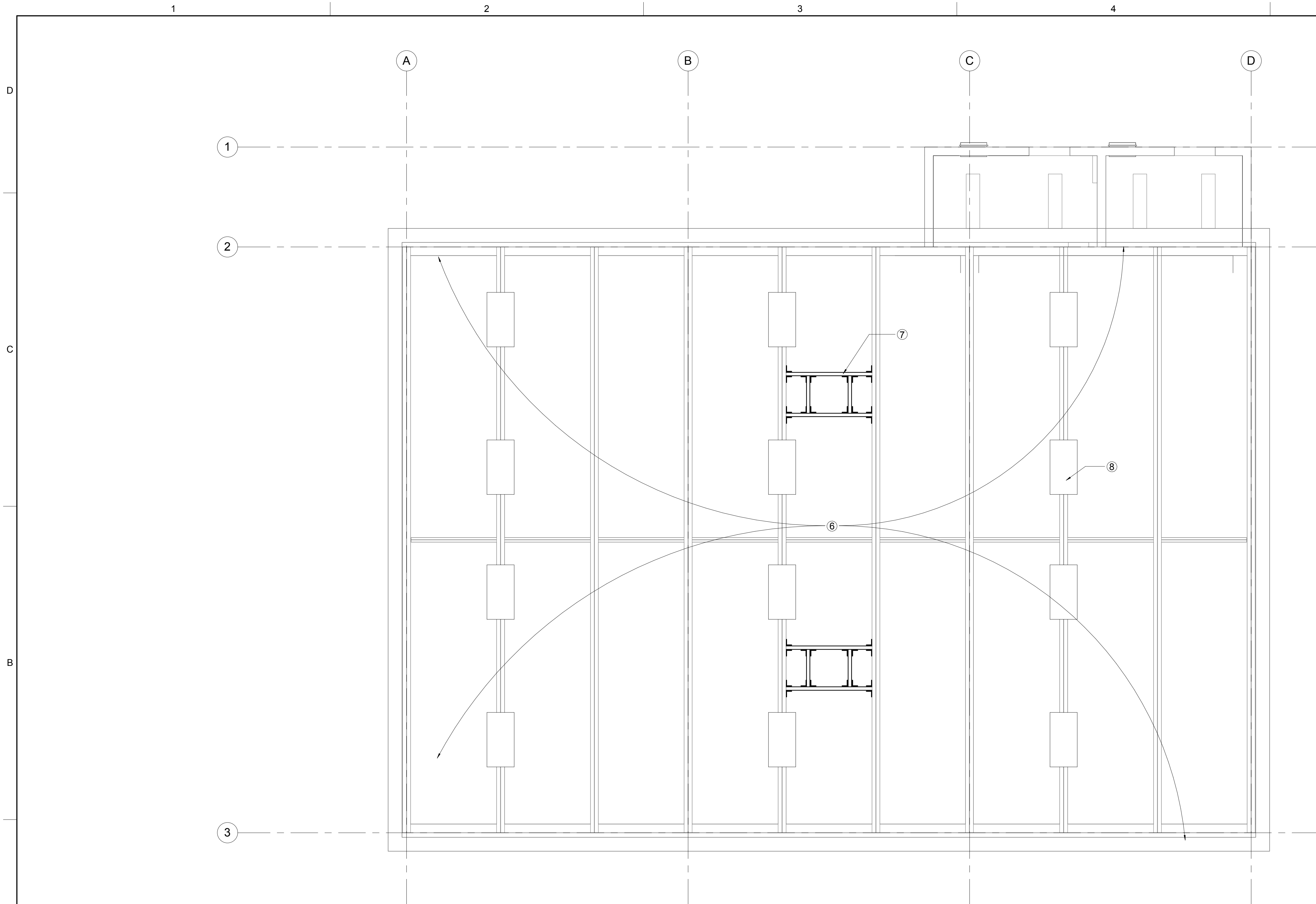
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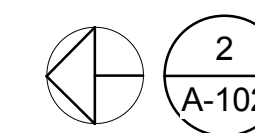
GENERAL NOTES

- A. FOR BUS WASH EQUIPMENT SEE Q SHEETS.
- B. FOR PLUMBING SEE P SHEETS.
- C. FOR ELECTRICAL SEE E SHEETS.

SHEET NOTES

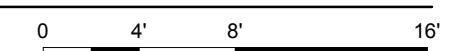
- 1. SEAL CONCRETE FLOOR WITH CLEAR PENETRATING SEALER.
- 2. REPAINT MASONRY WALLS AT INTERIOR.
- 3. PROVIDE NEW FLUSH METAL DOORS AND HARDWARE. UNDERCUT DOORS AND PROVIDE A DOOR SHOE.
- 4. CLEAN OUT TRENCH AND PITS.

- 6. CLEAN AND REPAINT (E) METAL DECKING AND (E) STEEL BEAMS.
- 7. PROVIDE REINFORCED OPENINGS FOR ROOF MOUNTED FAN UNITS.
- 8. REPLACE LIGHT FIXTURES TYP.



REFLECTED CEILING PLAN

1/4" = 1'-0"



DESIGNED BY:	J. JOHNSON		
DRAWN BY:	D. UNGSON		
ACT FACILITIES MAINTENANCE			
ACT PROJECT MANAGER:			
DATE:	4/12/2016		
NO.	DATE	BY	APP.
4/12/16	30% SUBMITTAL		

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**AC TRANSIT BUS WASH REPLACEMENT
 D3 - RICHMOND BUS WASH**

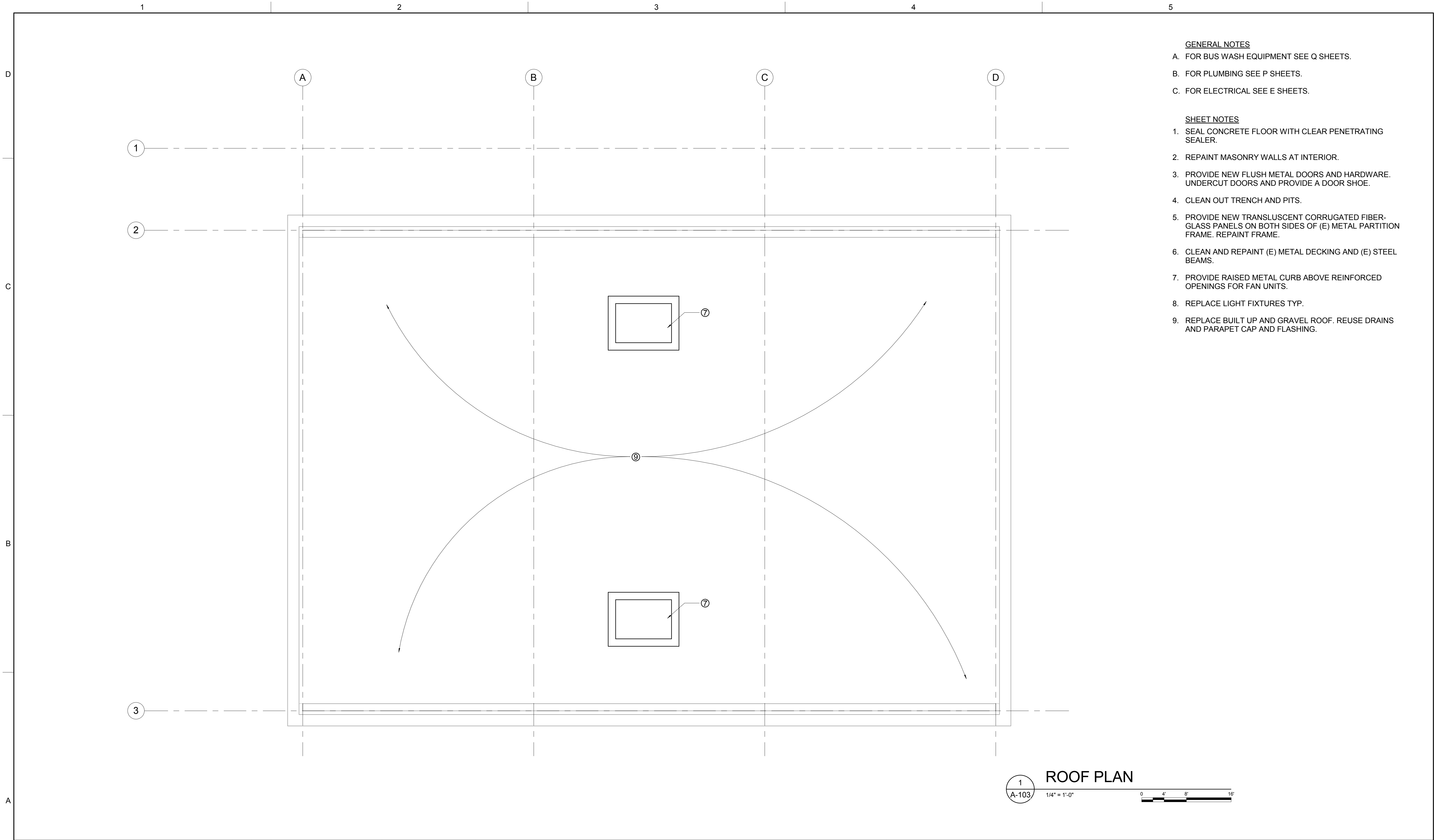
D3 - REFLECTED CEILING PLAN

ACT CONTRACT #
2016-xxxx

ACT DRAWING #

DRAWING NO.:
A-102

SHEET NO.:
SHEET OF

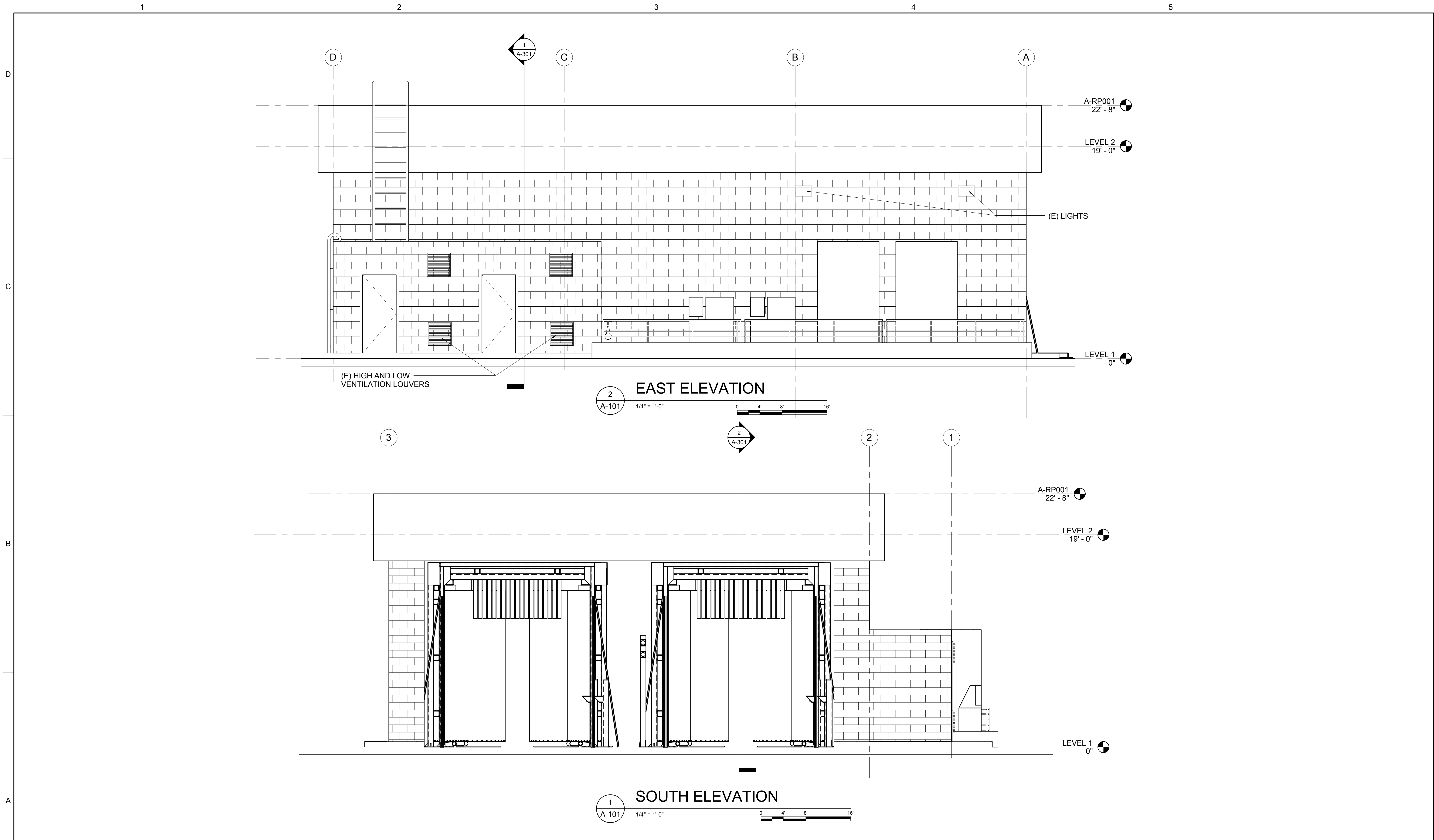


- GENERAL NOTES**
- A. FOR BUS WASH EQUIPMENT SEE Q SHEETS.
 - B. FOR PLUMBING SEE P SHEETS.
 - C. FOR ELECTRICAL SEE E SHEETS.

- SHEET NOTES**
1. SEAL CONCRETE FLOOR WITH CLEAR PENETRATING SEALER.
 2. REPAINT MASONRY WALLS AT INTERIOR.
 3. PROVIDE NEW FLUSH METAL DOORS AND HARDWARE. UNDERCUT DOORS AND PROVIDE A DOOR SHOE.
 4. CLEAN OUT TRENCH AND PITS.
 5. PROVIDE NEW TRANSLUCENT CORRUGATED FIBER-GLASS PANELS ON BOTH SIDES OF (E) METAL PARTITION FRAME. REPAINT FRAME.
 6. CLEAN AND REPAINT (E) METAL DECKING AND (E) STEEL BEAMS.
 7. PROVIDE RAISED METAL CURB ABOVE REINFORCED OPENINGS FOR FAN UNITS.
 8. REPLACE LIGHT FIXTURES TYP.
 9. REPLACE BUILT UP AND GRAVEL ROOF. REUSE DRAINS AND PARAPET CAP AND FLASHING.

1
A-103 ROOF PLAN
1/4" = 1'-0"
0 4' 8' 16'

		DESIGNED BY: J. JOHNSON	Alameda - Contra Costa Transit District  Alameda - Contra Costa Transit District	 STV INCORPORATED 560 14th Street - Suite 400 Oakland, CA 94612 t: 510.763.1313 f: 510.465.1586	AC TRANSIT BUS WASH REPLACEMENT D3 - RICHMOND BUS WASH		ACT CONTRACT # 2016-xxxx
		DRAWN BY: D. UNGSON			ACT DRAWING #		
		ACT FACILITIES MAINTENANCE			DRAWING NO.: A-103		
		ACT PROJECT MANAGER:			SHEET NO.: SHEET OF		
4/12/16	30% SUBMITTAL	DATE: 4/12/2016	D3 - ROOF PLAN				
NO.	DATE	BY	APP.				



DESIGNED BY:	J. JOHNSON		
DRAWN BY:	D. UNGSON		
ACT FACILITIES MAINTENANCE			
ACT PROJECT MANAGER:			
DATE:	4/12/2016		
NO.	DATE	BY	APP.
1	4/12/16		

30% SUBMITTAL

Alameda - Contra Costa Transit District

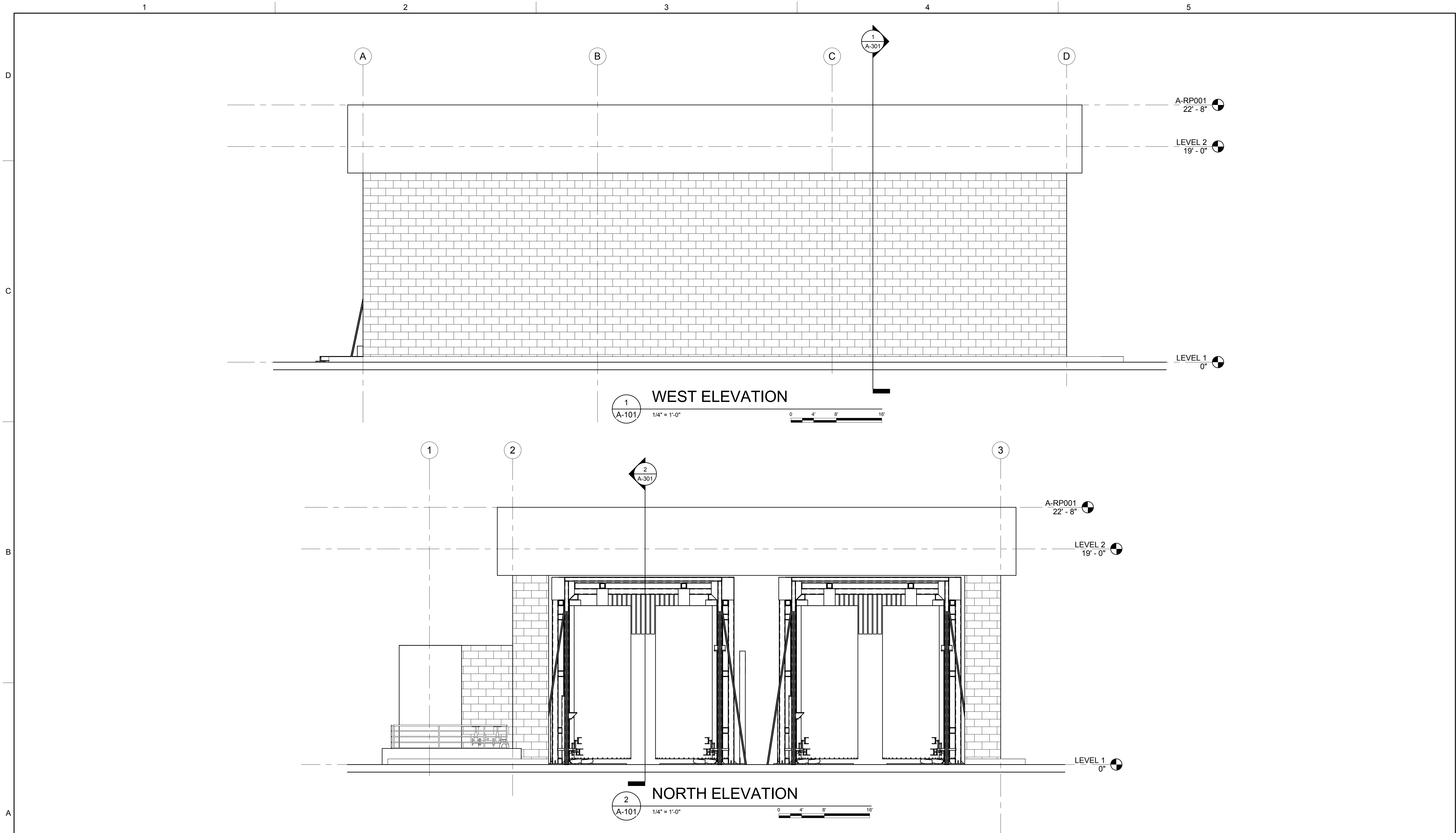



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AC TRANSIT BUS WASH REPLACEMENT
D3 - RICHMOND BUS WASH

D3 - EXTERIOR ELEVATIONS 1

ACT CONTRACT #	2016-xxxx
ACT DRAWING #	
DRAWING NO.	A-201
SHEET NO.	SHEET OF



DESIGNED BY:	J. JOHNSON		
DRAWN BY:	D. UNGSON		
ACT FACILITIES MAINTENANCE			
ACT PROJECT MANAGER:			
DATE:	4/12/2016		
NO.	DATE	BY	APP.
4/12/16	30% SUBMITTAL		

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AC TRANSIT BUS WASH REPLACEMENT
 D3 - RICHMOND BUS WASH

D3 - EXTERIOR ELEVATIONS 2

ACT CONTRACT #	2016-xxxx
ACT DRAWING #	
DRAWING NO.:	A-202
SHEET NO.:	SHEET OF

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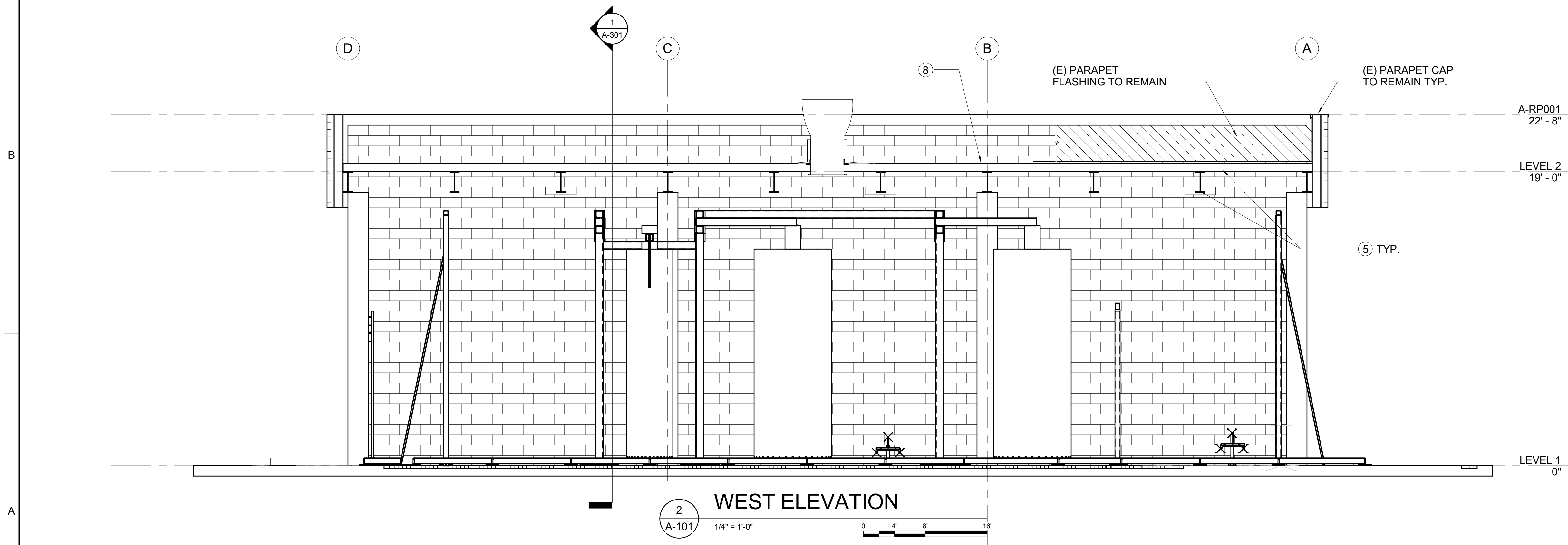
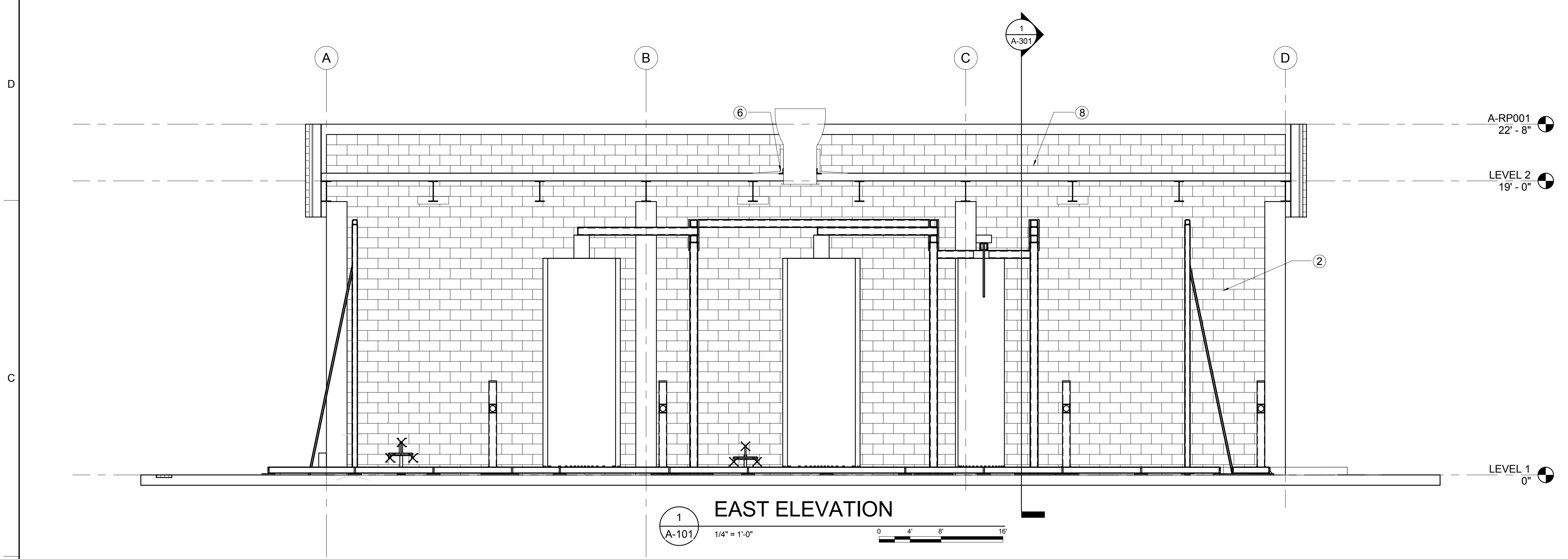
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- GENERAL NOTES**
- A. FOR BUS WASH EQUIPMENT SEE Q SHEETS.
 - B. FOR PLUMBING SEE P SHEETS.
 - C. FOR ELECTRICAL SEE E SHEETS.
- SHEET NOTES**
- ① SEAL CONCRETE FLOOR WITH CLEAR PENETRATING SEALER.
 - ② REPAINT MASONRY WALLS AND PILASTERS.
 - ③ PROVIDE NEW FLUSH METAL DOORS AND HARDWARE. UNDERCUT DOORS AND PROVIDE A DOOR SHOE.
 - ④ CLEAN OUT TRENCH AND PITS.
 - ⑤ REPAINT (E) METAL DECKING AND STEEL BEAMS.
 - ⑥ REINFORCED OPENING WITH 8" CURBS. SEE MECHANICAL FOR FAN UNITS.
 - ⑦ NEW LIGHT FIXTURE.
 - ⑧ REPLACE ROOFING.

DESIGNED BY:	J. JOHNSON
DRAWN BY:	D. UNGSON
ACT FACILITIES MAINTENANCE	
ACT PROJECT MANAGER:	
DATE:	4/12/2016
BY APP.	
NO.	DATE
1	4/12/16 30% SUBMITTAL

Alameda - Contra Costa Transit District

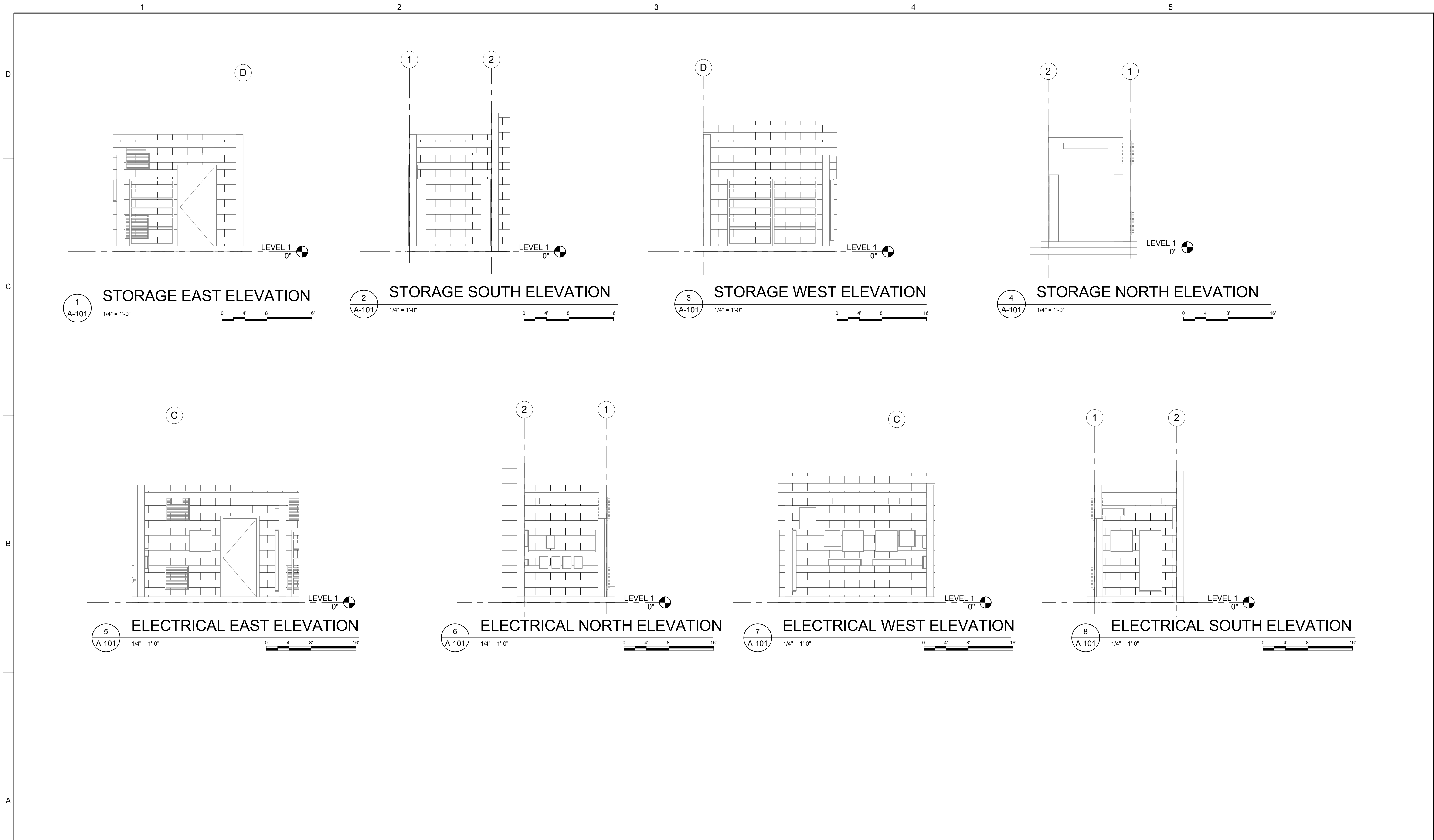
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**AC TRANSIT BUS WASH REPLACEMENT
D3 - RICHMOND BUS WASH**

D3 - INTERIOR ELEVATIONS 1

ACT CONTRACT #	2016-xxxx
ACT DRAWING #	
DRAWING NO.	A-203
SHEET NO.	SHEET OF



DESIGNED BY:	J. JOHNSON		
DRAWN BY:	D. UNGSON		
ACT FACILITIES MAINTENANCE			
ACT PROJECT MANAGER:			
DATE:	4/12/2016		
NO.	DATE	BY	APP.
1	4/12/16		
	30% SUBMITTAL		

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AC TRANSIT BUS WASH REPLACEMENT
 D3 - RICHMOND BUS WASH

D3 - INTERIOR ELEVATION 2

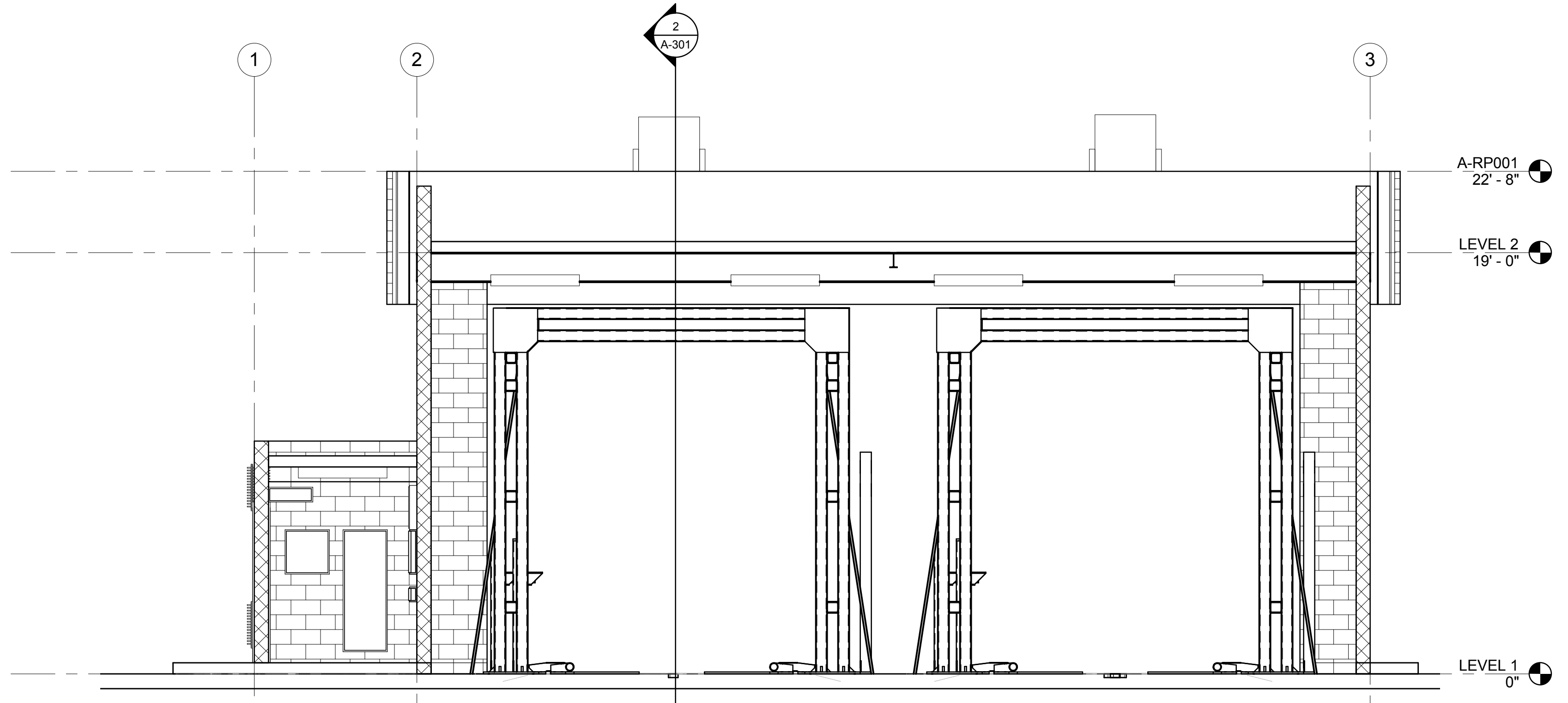
ACT CONTRACT #	2016-xxxx
ACT DRAWING #	
DRAWING NO.:	A-204
SHEET NO.:	SHEET OF

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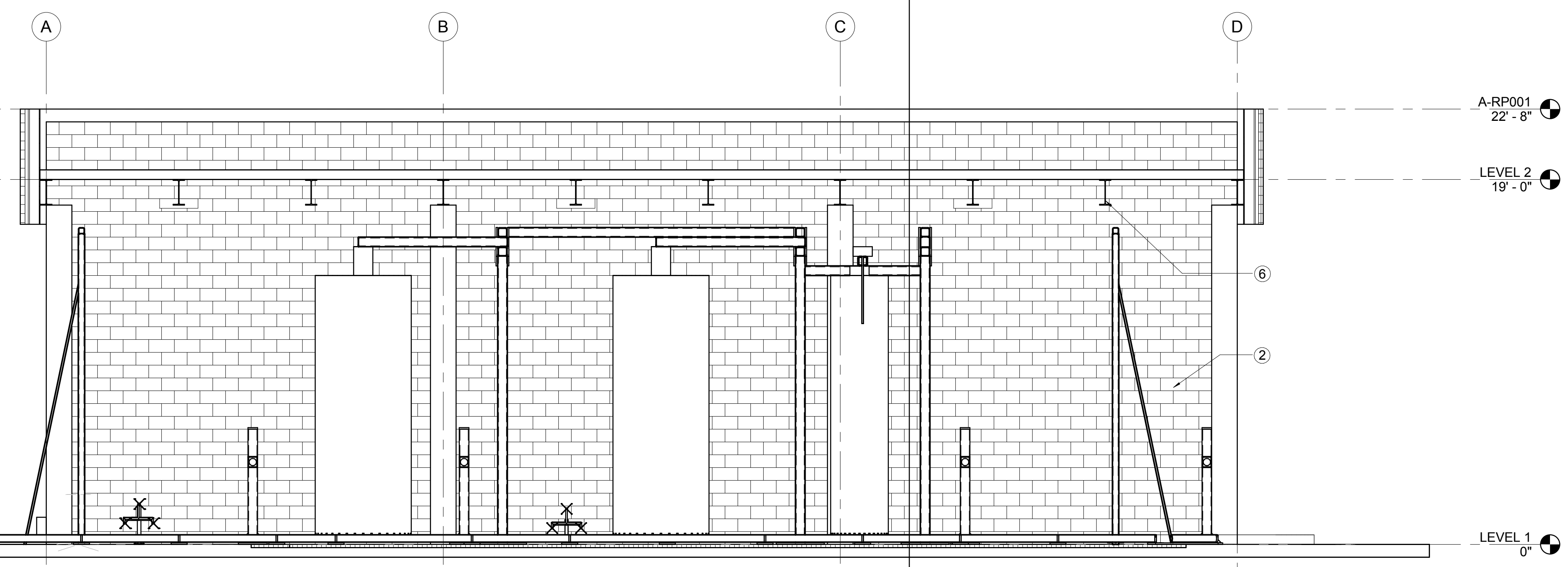
1 CROSS SECTION
A-101 1/4" = 1'-0"

GENERAL NOTES

- A. FOR BUS WASH EQUIPMENT SEE Q SHEETS.
- B. FOR PLUMBING SEE P SHEETS.
- C. FOR ELECTRICAL SEE E SHEETS.

SHEET NOTES

- ① SEAL CONCRETE FLOOR WITH CLEAR PENETRATING SEALER.
- ② REPAINT MASONRY WALLS.
- ③ PROVIDE NEW FLUSH METAL DOORS AND HARDWARE. UNDERCUT DOORS AND PROVIDE A DOOR SHOE.
- ④ CLEAN OUT TRENCH AND PITS.
- ⑤ CLEAN AND REPAINT (E) METAL DECKING AND (E) STEEL BEAMS.
- ⑥ REINFORCED OPENING WITH 8" CURBS. SEE MECHANICAL FOR FAN UNITS.
- ⑦ NEW LIGHT FIXTURE.
- ⑧ REPLACE ROOFING.



2 LONGITUDINAL SECTION
A-101 1/4" = 1'-0"

DESIGNED BY: J. JOHNSON	BY APP.
DRAWN BY: D. UNGSON	
ACT FACILITIES MAINTENANCE	
ACT PROJECT MANAGER:	
DATE: 4/12/2016	
4/12/16	30% SUBMITTAL
NO.	DATE

Alameda - Contra Costa Transit District

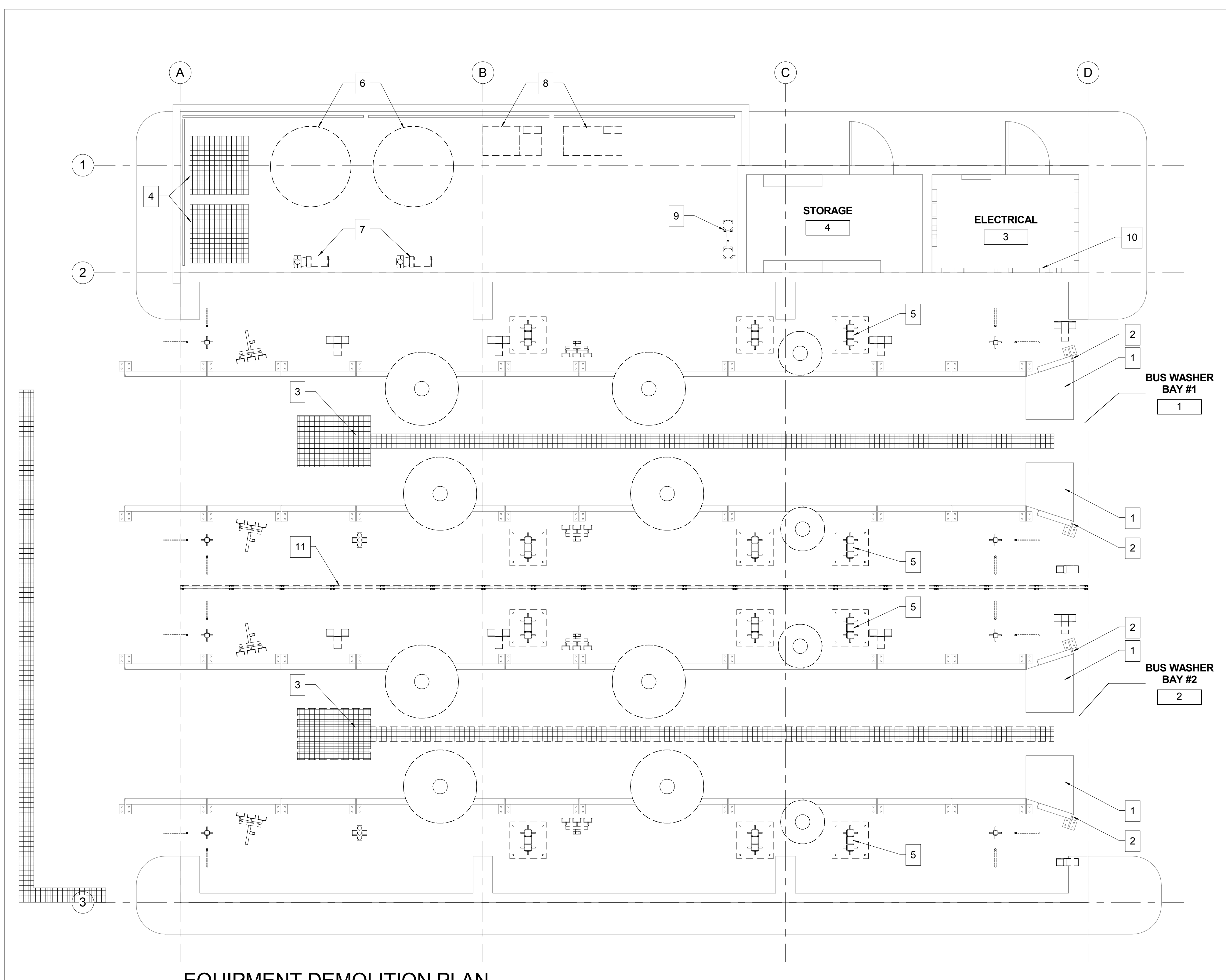


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AC TRANSIT BUS WASH REPLACEMENT
D3 - RICHMOND BUS WASH

D3 - BUILDING SECTIONS

ACT CONTRACT #	2016-xxxx
ACT DRAWING #	
DRAWING NO.:	A-301
SHEET NO.:	SHEET OF

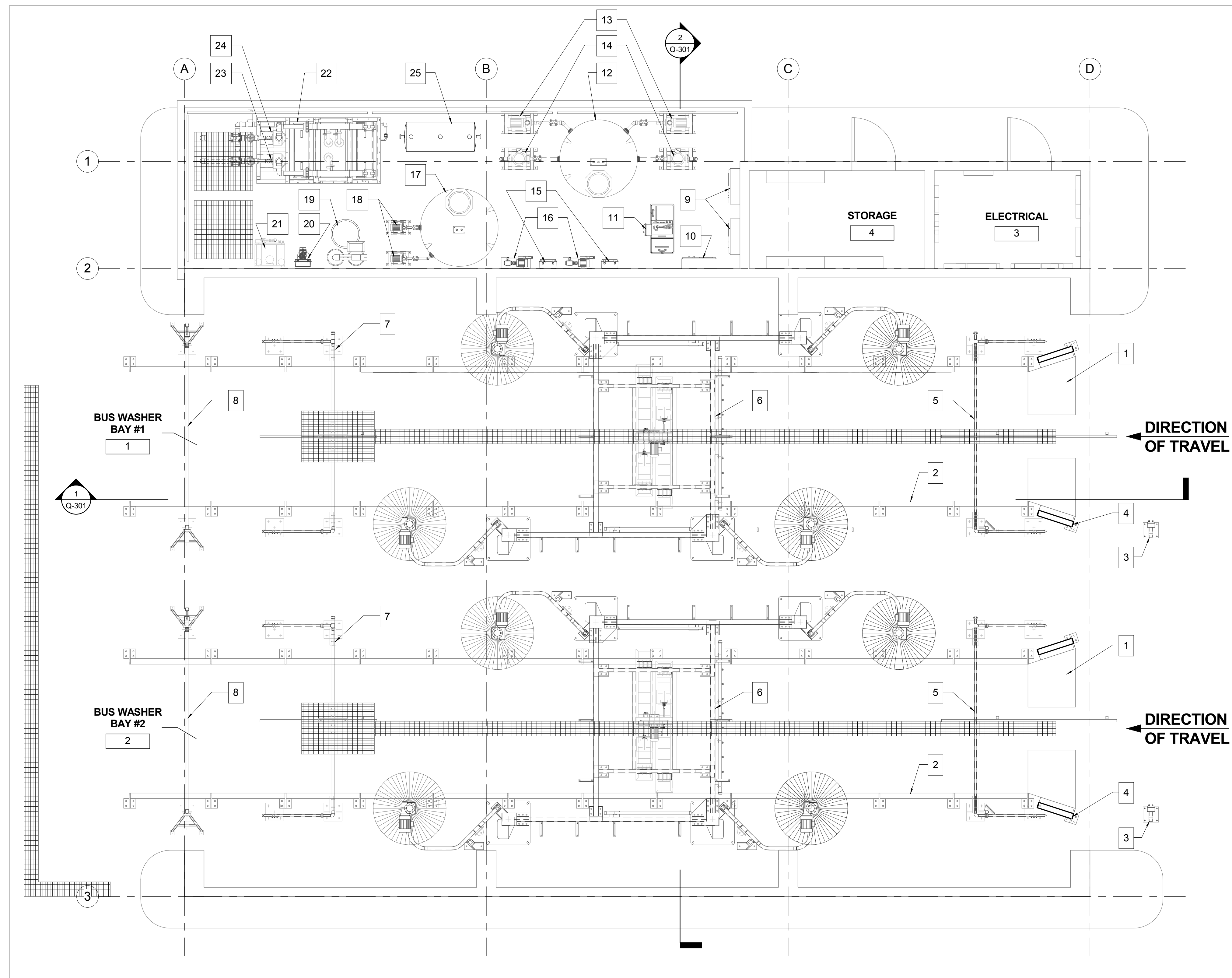


EQUIPMENT DEMOLITION NOTES

- 1 PROTECT IN PLACE (E) SKID PLATE
- 2 REMOVE (E) WHEEL GUIDE
- 3 PROTECT IN PLACE (E) GRATING OVER CATCH BASIN AND TRENCH DRAIN
- 4 PROTECT IN PLACE (E) GRATING OVER RECLAIM PIT
- 5 REMOVE AND DISPOSE OF ALL FLOOR-MOUNTED BUS WASH EQUIPMENT INSIDE THE WASH BAY, INCLUDING RED/GREEN LIGHT ENTRANCE LIGHT, ELECTRIC EYE POSTS, SPRAY ARCHES, BRUSH MACHINE, WHEEL SPINNERS (AKA BLASTERS), AND ALL INTERCONNECTING PIPING AND HANGERS
- 6 REMOVE AND DISPOSE OF (E) 1500-GAL STORAGE TANKS AND ASSOCIATED PIPING
- 7 REMOVE AND DISPOSE OF (E) 30 HP WHEEL WASHER ("BLASTER") PUMPS AND ASSOCIATED PIPING AND CONDUIT
- 8 REMOVE AND DISPOSE OF (E) ABOVEGROUND WATER RECLAMATION MODULES AND ASSOCIATED PIPING AND CONDUIT
- 9 REMOVE AND DISPOSE OF (E) WALL-MOUNTED DETERGENT INJECTION SYSTEM AND ASSOCIATED PIPING AND CONDUIT
- 10 REMOVE AND DISPOSE OF (E) WALL-MOUNTED BUS WASH PANELS LABELED BLASTER PANEL 1, WASH PANEL 1, BLAST PANEL 2, AND WASH PANEL 2. REFER TO ELECTRICAL DRAWINGS FOR ALL OTHER PANELS
- 11 REMOVE AND DISPOSE OF (E) WALL PARTITION AND ASSOCIATED SUPPORTS

EQUIPMENT DEMOLITION PLAN
 1/4" = 1'-0"
 0 2' 4' 8'

		DESIGNED BY: J. JOHNSON	Alameda - Contra Costa Transit District STV INCORPORATED 560 14th Street - Suite 400 Oakland, CA 94612 t: 510.763.1313 f: 510.465.1586	AC TRANSIT BUS WASH REPLACEMENT DIVISION 3 - RICHMOND BUS WASH D3 - EQUIPMENT DEMOLITION PLAN	ACT CONTRACT #: 2016-xxxx
		DRAWN BY: D. UNGSON			ACT DRAWING #:
		ACT FACILITIES MAINTENANCE			DRAWING NO.: QD-101
		ACT PROJECT MANAGER:			SHEET NO.: SHEET OF 45
4/12/16	30% SUBMITTAL	DATE: 4/12/2016	Alameda - Contra Costa Transit District		



EQUIPMENT FLOOR PLAN



EQUIPMENT LEGEND

- 1 (E) SKID PLATE (TYP)
- 2 WHEEL GUIDE
- 3 RED/GREEN ENTRANCE LIGHTS
- 4 SECOND-TIER WHEEL GUIDE, ANGLED PORTION ONLY (TYP)
- 5 DETERGENT SPRAY ARCH
- 6 BRUSH MACHINE WITH ROOF MOP
- 7 PRE-RINSE ARCH (RECLAIM WATER)
- 8 SPOT-FREE FINAL RINSE ARCH
- 9 WASHER CONTROL PANEL
- 10 RECLAIM SYSTEM CONTROL PANEL
- 11 WASH AGENT VWA BLEND MODULE
- 12 1500 GALLON WASH WATER TANK
- 13 BRUSH & MOP PUMP
- 14 HIGH PRESSURE FRONT LOWER BODY & WHEEL SPRAY PUMP
- 15 BRUSH/MOP WASH AGENT METERING PUMP
- 16 PREWET INJECTION PUMP
- 17 2000 GALLON R.O. TANK
- 18 R.O. PUMP
- 19 R.O. WATER SOFTENER
- 20 R.O. CARBON FILTERS
- 21 R.O. UNIT
- 22 RECLAIM SYSTEM
- 23 RECLAIM PUMP #1
- 24 RECLAIM PUMP #2
- 25 AIR COMPRESSOR

ALL ITEMS ARE NEW U.N.O.

DESIGNED BY:	J. JOHNSON		
DRAWN BY:	D. UNGSON		
ACT FACILITIES MAINTENANCE			
ACT PROJECT MANAGER:			
DATE:	4/12/2016		
NO.	DATE	BY	APP.
4/12/16	30% SUBMITTAL		

Alameda - Contra Costa Transit District



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AC TRANSIT BUS WASH REPLACEMENT
DIVISION 3 - RICHMOND BUS WASH

D3 - EQUIPMENT FLOOR PLAN

ACT CONTRACT #:	2016-xxxx
ACT DRAWING #:	
DRAWING NO.:	Q-101
SHEET NO.:	SHEET OF 45

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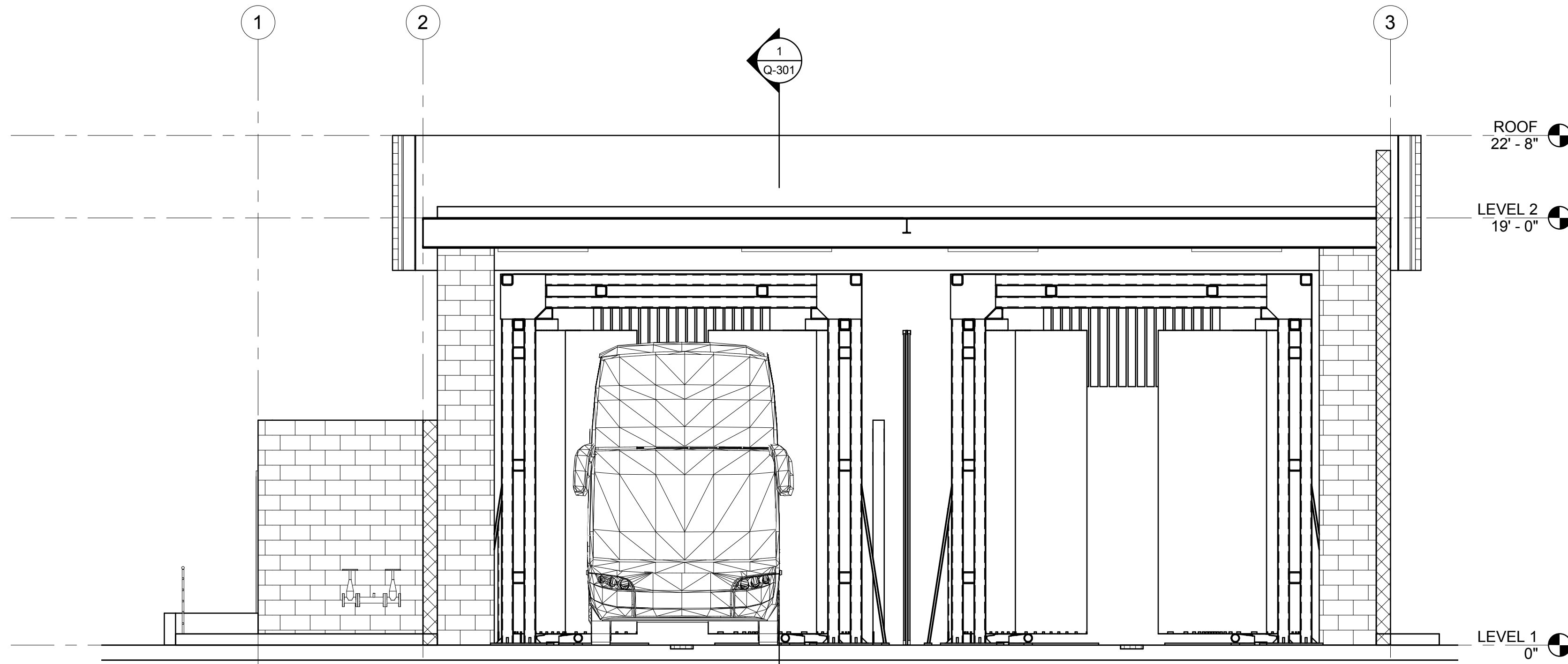
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2 EQUIPMENT CROSS SECTION
Q-301 1/4" = 1'-0" 0 2' 4' 8"

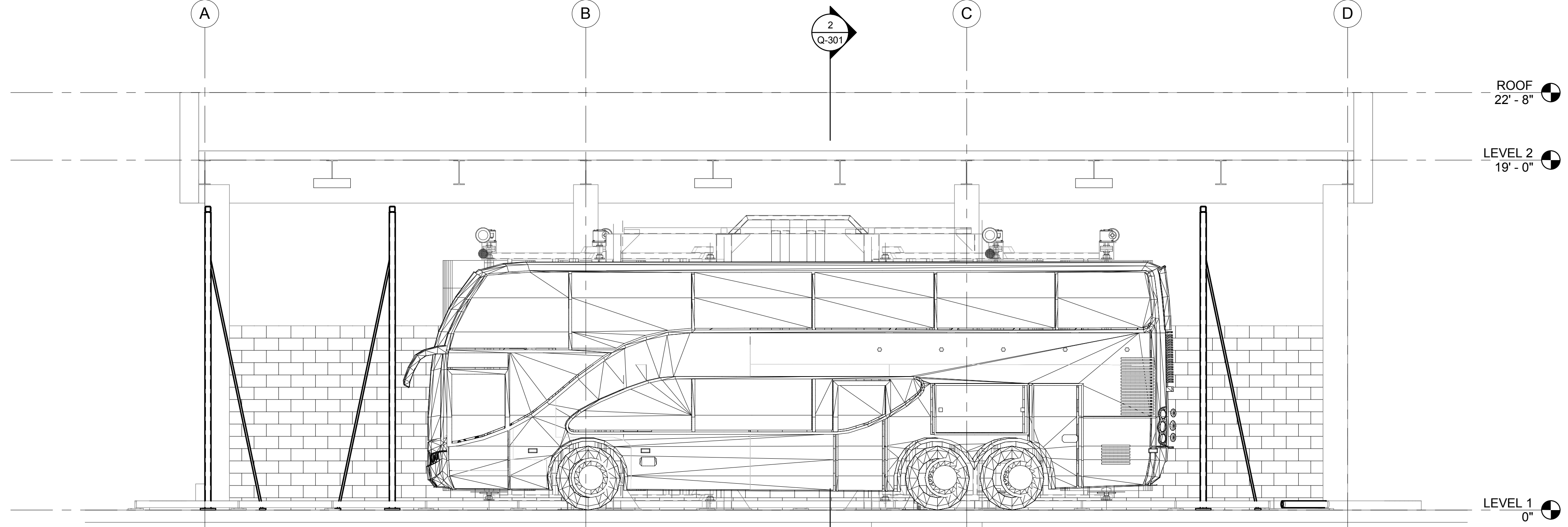
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1 EQUIPMENT LONGITUDINAL SECTION
Q-301 1/4" = 1'-0" 0 2' 4' 8"

A

DESIGNED BY: J. JOHNSON	BY APP.
DRAWN BY: D. UNGSON	
ACT FACILITIES MAINTENANCE	
ACT PROJECT MANAGER:	
DATE: 4/12/2016	
4/12/16	30% SUBMITTAL
NO.	DATE

Alameda - Contra Costa Transit District



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**AC TRANSIT BUS WASH REPLACEMENT
DIVISION 3 - RICHMOND BUS WASH**

D3 - EQUIPMENT SECTIONS

ACT CONTRACT #:	2016-xxxx
ACT DRAWING #:	
DRAWING NO.:	Q-301
SHEET NO.:	SHEET OF 45

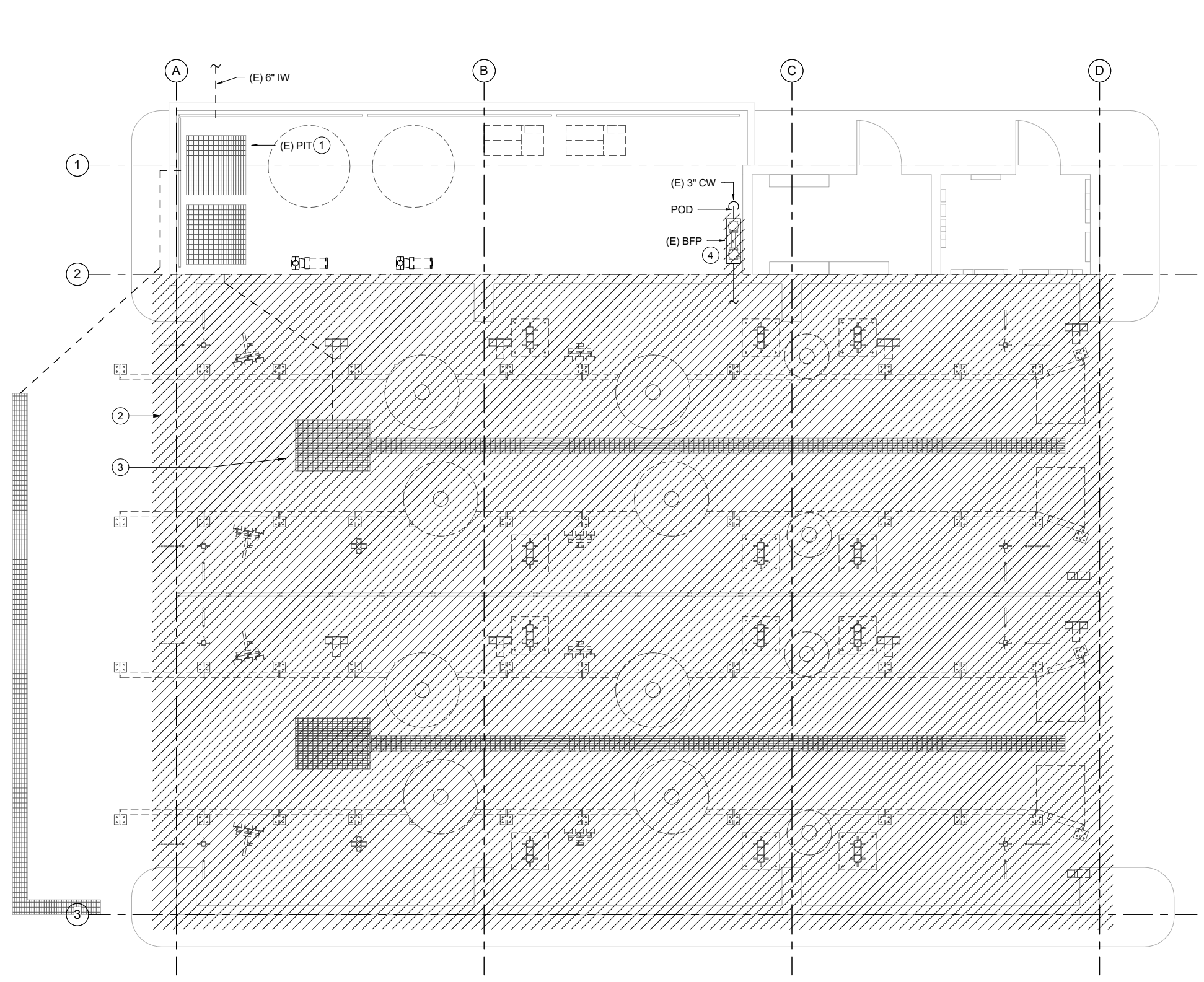
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SHEET NOTES:

1. SEE ARCHITECTURAL DRAWINGS FOR EXACT PLACEMENT AND QUANTITY OF ALL EQUIPMENT.
2. BEFORE STARTING WORK, VERIFY LOCATIONS, ELEVATIONS AND SIZES OF ALL PIPING AND EQUIPMENT REQUIRING PLUMBING CONNECTIONS.
3. COORDINATE ALL PLUMBING WORK WITH ALL OTHER WORK TO AVOID CONFLICTS. RUN ALL PIPING TO AVOID ARCHITECTURAL OPENINGS, STRUCTURAL MEMBERS, DUCTS OR OTHER OBSTRUCTIONS. OFFSET PLUMBING PIPING WHERE REQUIRED.

KEY NOTES:

- ① EXISTING PIT TO REMAIN.
- ② DEMOLISH (E) CW PIPING AND ASSOCIATED FITTINGS TO POD W/ CAP AND SOV.
- ③ (E) TRENCH DRAIN AND IW TO REMAIN.
- ④ DEMOLISH (E) BFP & ASSOCIATED PIPING. (E) BFP TO BE REPLACED.

PLUMBING DEMOLITION PLAN



1/4" = 1'-0"



DESIGNED BY:	K. XU		
DRAWN BY:	P. WINGERD		
ACT FACILITIES MAINTENANCE			
ACT PROJECT MANAGER:			
DATE:	4/12/2016		
NO.	DATE	BY	APP
4/12/16	30% SUBMITTAL		

Alameda - Contra Costa Transit District

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**AC TRANSIT BUS WASH REPLACEMENT
DIVISION 3 - RICHMOND BUS WASH**

D3 - PLUMBING DEMOLITION PLAN

ACT CONTRACT #:	2016-xxxx
ACT DRAWING #:	
DRAWING NO.:	PD-101
SHEET NO.:	SHEET OF 45

GENERAL NOTES

1. EXAMINE ALL DRAWINGS & FIELD VERIFY MECHANICAL/ELECTRICAL AND PLUMBING CONDITIONS PRIOR TO WORK & REPORT ANY DISCREPANCIES IN WRITING TO FACILITY ENGINEER.
2. THE DRAWINGS ARE DIAGRAMMATIC & SHALL NOT BE SCALED TO DETERMINE EXACT LOCATION OF PLUMBING & EQUIPMENT.
3. SEQUENCE WORK TO AVOID CUTTING AND PATCHING. IF NECESSARY, REMOVE & REPAIR WALL FOR ACCESS TO WORK ON THE PLUMBING SYSTEMS (SEE ARCHITECTURAL PLANS & SPECIFICATIONS). PATCH & FINISH TO MATCH ADJACENT SURFACE.
4. SECURELY FASTEN ALL PIPING WITHIN STRUCTURES TO THE BUILDING CONSTRUCTION BY MEANS OF HANGERS, SUPPORTS, GUIDES, ANCHORS, AND SWAY BRACES TO MAINTAIN PIPE ALIGNMENT, TO PREVENT SAGGING, AND TO PREVENT NOISE AND EXCESSIVE STRAIN ON PIPING DUE TO MOVEMENT UNDER OPERATING CONDITIONS. ALL MECHANICAL/PLUMBING EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA: THE TOTAL DESIGN LATERAL SEISMIC FORCE SHALL BE DETERMINED FROM CBC 1613A. FORCES SHALL BE APPLIED IN THE HORIZONTAL DIRECTIONS THAT WILL RESULT IN THE MOST CRITICAL LOADING FOR DESIGN. WHERE ANCHORAGE DETAIL AND LOCATIONS ARE NOT SPECIFICALLY SHOWN ON THE PLANS, THE FIELD INSTALLATION SHALL BE SUBJECT TO REVIEW AND APPROVAL OF THE MECHANICAL ENGINEER OF RECORD. SUPPORTS FOR ALL PIPING SHALL BE IN ACCORDANCE WITH LATEST SMACNA GUIDELINES FOR SEISMIC RESTRAINTS OF MECHANICAL SYSTEMS AND PIPING SYSTEMS AND MSS SP-58 AND SP-69.
5. ALL PIPES AND FITTINGS UTILIZED IN WATER SUPPLY SYSTEMS SHALL CONFORM TO 2013 CALIFORNIA PLUMBING CODE.
6. COORDINATE INSTALLATION OF ALL EQUIPMENT AND PIPING WITH OTHER TRADES PRIOR TO INSTALLATION. ENSURE THAT ALL CONTROL DEVICES, ACCESS PANELS IN FINISHED SPACES, OTHER THAN THAT SHOWN, CONTRACTOR SHALL COORDINATE EXACT LOCATION OF PANELS PRIOR TO INSTALLATION. INSTALL PIPING TO BEST SUIT FIELD CONDITIONS AND COORDINATE WITH OTHER TRADES.
7. VERIFY AT PROJECT SITE EXACT SIZE, LOCATION, INVERT ELEVATION, AND CLEARANCE OF ALL EXISTING SERVICES BEING EXTENDED, RELOCATED, OR REMOVED.
8. CONTRACTOR IS TO MAINTAIN RECORDED "AS-BUILT" INFORMATION ON ALL EXISTING SERVICES UNCOVERED DURING CONSTRUCTION AND ALL NEW SERVICES BEING INSTALLED. "AS-BUILT" INFORMATION SHALL BE CLEARLY MARKED IN COLORED PENCIL ON A BLUE PRINT OF CONTRACT DRAWING. RECORDED INFORMATION SHALL INCLUDE ROUTING AND INVERT ELEVATIONS. AT THE COMPLETION OF THE CONTRACT, THE CONTRACTOR SHALL TURN RECORDED "AS-BUILT" INFORMATION OVER TO THE ENGINEER.
9. ADVISE THE ENGINEER IN WRITING IN THE EVENT A CONFLICT OCCURS BETWEEN THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL BEAR ALL COSTS FOR RELOCATION OF EQUIPMENT, PIPING, ETC., FROM FAILURE TO PROPERLY COORDINATE INSTALLATIONS AND ADVISE OF THE CONFLICT IN WRITING PRIOR TO INSTALLATION.
10. ARRANGE ALL PIPING WITHIN STRUCTURES NEATLY ALONG WALLS AND/OR IN NEAT, HORIZONTAL GROUPS AND MAINTAIN REQUIRED SLOPES.
11. DO NOT SLEEVE STRUCTURAL MEMBERS WITHOUT CONSENT OF THE ENGINEER. REVIEW STRUCTURAL DRAWINGS PRIOR TO PLACING ANY SLEEVES.
12. DO NOT SPRING OR FORCE PIPING DURING INSTALLATION.
13. SLOP ALL PIPING AS INDICATED. TRUE TO LINE AND GRADE, AND FREE OF TRAPS AND AIR POCKETS.
14. DO NOT INSTALL VALVES WITH STEM POINTING DOWNWARD UNLESS INDICATED OTHERWISE.
15. PROVIDE OPERATING HANDLES FOR ALL VALVES AND COCKS WITHOUT INTEGRAL OPERATIONS.
16. PROVIDE VALVES AND OTHER PIPING SPECIALTIES SAME SIZE AS LINE SIZE UNLESS INDICATED OTHERWISE.
17. WHERE POSSIBLE, INSTALL VALVES ACCESSIBLE FROM FLOOR LEVEL.
18. PROVIDE VALVES AND OTHER PIPING SPECIALTIES SAME SIZE AS LINE SIZE UNLESS INDICATED OTHERWISE.
19. PROVIDE A HANGER NOT MORE THAN 12-INCHES FROM THE POINT OF CHANGE OF DIRECTION OF A PIPE RUN IN BOTH HORIZONTAL AND VERTICAL PLANE.
20. PIPE HANGERS SHALL BE DESIGNED TO SUPPORT THE WEIGHT OF THE PIPE AND THE WEIGHT OF THE CONTENTS OF THE PIPE. REFER TO DETAILS ON DRAWINGS FOR ATTACHMENTS.
21. CONNECTION BETWEEN DISSIMILAR MATERIAL PIPES SHALL BE MADE WITH DIELECTRIC ISOLATING UNIONS, OR GASKETED FLANGES WITH ISOLATED THROUGH BOLTS.
22. CERTAIN VERTICAL AND HORIZONTAL OFFSETS ARE SHOWN IN PIPING ON PLANS TO INDICATE THE GENERAL POSITION RELATIONSHIP OF THE SYSTEMS WITHIN THE FURRED CEILING SPACE. PROVIDE ADDITIONAL OFFSETS SIMILAR TO THOSE SHOWN, AS REQUIRED TO COORDINATE WITH INSTALLATION REQUIREMENTS OF OTHER SYSTEMS.
23. CONTRACTOR SHALL REMOVE, RELOCATE, REPLACE WITH NEW AND/OR RECONNECT ALL EXISTING SERVICES AS REQUIRED BY NEW CONSTRUCTION.
24. PROVIDE A TIGHT SEAL OF INCOMBUSTIBLE MATERIAL AROUND ALL PIPES WHICH PENETRATE FIRE SEPARATIONS. PROVIDE COLLARS OR TRIM RINGS AROUND PIPING TO RETAIN PACKING.
25. INVERT ELEVATIONS OF UTILITY MAINS SHALL BE VERIFIED AT PROJECT SITE PRIOR TO INSTALLATION OF NEW BRANCH SERVICES.
26. COOPERATE WITH OTHER TRADES TO LOCATE EXPOSED PIPING RUNS, SPRINKLER HEAD LOCATIONS, ETC., TO FORM A FULLY COORDINATED CEILING PATTERN AND VISUAL APPEARANCE AS INDICATED ON ARCHITECTURAL DRAWINGS.
27. PIPING SYSTEM SHALL COMPLY WITH ASME B31.9, "BUILDING SERVICES PIPING", FOR LOW-PRESSURE COMPRESSED AIR PIPING. FIELD VERIFICATION OF SYSTEM DESIGN AND LAYOUT PRIOR TO FABRICATION.
28. PERFORM ALL INLET AND DISCHARGE PIPING DESIGN TO PROVIDE SMOOTH FLOW WITH UNIFORM VELOCITY OVER THE ENTIRE AREA OF PIPING.
29. PROVIDE ADEQUATE SUPPORT FOR ALL PARTS OF THE PIPING SYSTEM.
30. CONTRACTOR SHALL COORDINATE EXACT LOCATION OF THE PIPING STUB-OUT PRIOR TO INSTALLATION.
31. CONTRACTOR SHALL PROTECT THE PIPING TO PREVENT ENTRY OF DIRT AND ANY OTHER FOREIGN MATERIAL DURING THE INSTALLATION.
32. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF ALL PLUMBING FIXTURES, DRAINS, CATCH BASINS, PIPE TUNNEL, ACCESS PANELS AND RISER SHAFTS.

LEGEND

SYMBOL	ABBREV.	DESCRIPTION
	CW	DOMESTIC COLD WATER PIPE
	HWS/TWS	DOMESTIC HOT/TEMPERED WATER SUPPLY PIPE
	HWR/TWR	DOMESTIC HOT/TEMPERED WATER RETURN PIPE
	IW	INDUSTRIAL WASTE WATER
	CA	COMPRESSED AIR
	TW	TEPID WATER
	S OR SD	SEWER OR STORM DRAIN PIPE ABOVE FLOOR
	S OR SD	SEWER OR STORM DRAIN PIPE BELOW FLOOR OR BURIED
	V	VENT PIPE
	VTR	VENT THRU ROOF
	G	GAS PIPE
	FD	FLOOR DRAIN
	FS	FLOOR SINK
	WCO	WALL CLEAN OUT
	FCO	FLOOR OR CLEAN OUT TO GRADE
	CO	CLEAN OUT
		SLOPE
		ELBOW DOWN
		ELBOW UP
		TEE DOWN
		TEE UP
	RED	REDUCER
	POC	POINT OF CONNECTION
	HB	HOSE BIBB
	VTR/ARV	VENT THRU ROOF/AIR RELIEF VALVE
	TP	TRAP PRIMER
		ISOLATION/SHUT OFF/VALVE
	CKV	CHECK VALVE
	ST	STRAINER
	BV	BALANCING VALVE
	PRV	PRESSURE REDUCING VALVE
		SEISMIC GAS VALVE
		GAS PRESSURE REGULATOR
		BALL VALVE
	WHA	WATER HAMMER ARRESTER
		PUMP
	M	METER
		1/4" TEST PLUG
	T & P	TEMPERATURE AND PRESSURE RELIEF VALVE
		THERMOMETER
		THERMOSTAT/AQUASTAT/TEMPERATURE SENSOR
		FURNISHED AS INSTALLED BY ELECTRICAL
	DDC	DIRECT DIGITAL CONTROL
		UNION
		FLEXIBLE PIPE
		CAPPED PIPE
		PRESSURE GAUGE

ABBREVIATIONS

ABBREV.	DESCRIPTION
@	AT
AFF	ABOVE FINISHED FLOOR
AMPS	AMPERES
APPROX	APPROXIMATE
ASHRAE	AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS
BF	BELOW FLOOR
BG	BELOW GROUND
BFP	BACKFLOW PREVENTER
CL	CENTER LINE
CD	CONDENSATE DRAIN LINE
CLG	CEILING
CPC	CALIFORNIA PLUMBING CODE
CW	COLD WATER
DDC	DIRECT DIGITAL CONTROL
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DN	DOWN
DWGS	DRAWINGS
(E)	EXISTING
°F	DEGREES FAHRENHEIT
FD	FLOOR DRAIN
FT	FEET
G	GAS
GAL	GALLON
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HB/HB-WB	HOSE-BIBB/HOSE BIBB-WALL BOX
HW	HOT WATER
HWR	HOT WATER RETURN
HP	HORSEPOWER
ID	INSIDE DIAMETER
IN	INCH
INV	INVERT
IW	INDIRECT WASTE
IWH	INSTANTANEOUS WATER HEATER
KW	KITCHEN WASTE/KILOWATT
LVG	LEAVING
MAX	MAXIMUM
MBH	THOUSAND BRITISH THERMAL UNITS
MIN	MINIMUM
MSS	MANUFACTURERS STANDARD SOCIETY
MSS SP-58	PIPE HANGERS AND SUPPORTS - MATERIALS DESIGN AND MANUFACTURE
MSS SP-69	PIPE HANGERS AND SUPPORTS - SELECTION AND APPLICATION
NEW	NEW
(N)	NATIONAL SANITATION FOUNDATION - DRINKING WATER SYSTEM COMPONENTS - HEALTH EFFECTS
NSF 61	NATIONAL SANITATION FOUNDATION - DRINKING WATER SYSTEM COMPONENTS - HEALTH EFFECTS
ODP	OPEN DRIP PROOF
OSHPD	OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT (STATE OF CALIFORNIA)
POD	POINT OF DISCONNECTION
RPBP	REDUCED PRESSURE PRINCIPAL BACKFLOW PREVENTER
PSIG	POUNDS PER SQUARE INCH, GAGE
S	SANITARY SEWER
SK	SINK
T & P	TEMPERATURE AND PRESSURE
TEMP	TEMPERATURE
TYP	TYPICAL
UL	UNDERWRITERS LABORATORY
V	VENT
V/PH/Hz	VOLTS/PHASE/HERTZ
VTR	VENT TO ROOF
W/	WITH
±	PLUS/MINUS

DESIGNED BY:	K. XU		
DRAWN BY:	P. WINGERD		
ACT FACILITIES MAINTENANCE			
ACT PROJECT MANAGER:			
DATE:	4/12/2016		
NO.	DATE	BY	APP.
	4/12/16		30% SUBMITTAL

Alameda - Contra Costa Transit District

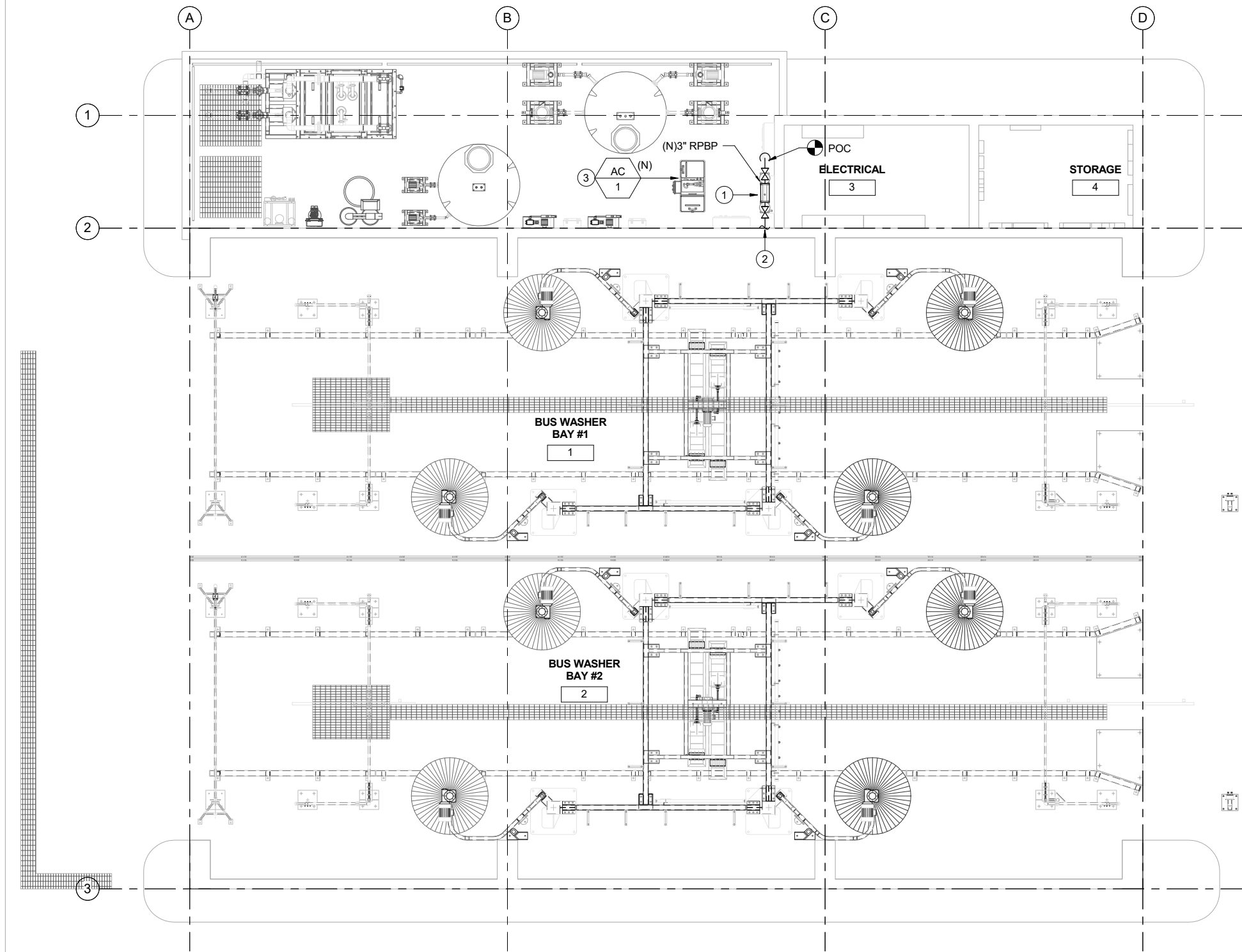



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**AC TRANSIT BUS WASH REPLACEMENT
DIVISION 3 - RICHMOND BUS WASH**

**D3 - PLUMBING GENERAL NOTES, SYMBOLS
AND ABBREVIATIONS**

ACT CONTRACT #:	2016-xxxx
ACT DRAWING #:	
DRAWING NO.:	P-001
SHEET NO.:	SHEET OF 45



- SHEET NOTES:**
1. SEE ARCHITECTURAL DRAWINGS FOR EXACT PLACEMENT AND QUANTITY OF ALL EQUIPMENT.
 2. BEFORE STARTING WORK, VERIFY LOCATIONS, ELEVATIONS AND SIZES OF ALL PIPING AND EQUIPMENT REQUIRING PLUMBING CONNECTIONS.
 3. COORDINATE ALL PLUMBING WORK WITH ALL OTHER WORK TO AVOID CONFLICTS. RUN ALL PIPING TO AVOID ARCHITECTURAL OPENINGS, STRUCTURAL MEMBERS, DUCTS OR OTHER OBSTRUCTIONS. OFFSET PLUMBING PIPING WHERE REQUIRED.

- KEY NOTES:**
- 1 PROVIDE 3" RPBP ASSEMBLY W/ CAP & SOV FOR BUS WASH EQUIPMENT CONNECTION.
 - 2 PIPING FROM SOV SHALL BE PROVIDED BY BUS WASH EQUIPMENT VENDOR.
 - 3 INSTALL NEW AIR COMPRESSOR. POWERED BY ELECTRICAL ENGINEER. COMPRESSED AIR PIPING SHALL BE PROVIDED BY BUS WASH EQUIPMENT VENDOR.

PLUMBING NEW WORK PLAN

1/4" = 1'-0"



NO.	DATE	BY	APP
4/12/16	30% SUBMITTAL		

DESIGNED BY: K. XU
DRAWN BY: P. WINGERD
ACT FACILITIES MAINTENANCE
ACT PROJECT MANAGER:
DATE: 4/12/2016

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AC TRANSIT BUS WASH REPLACEMENT
DIVISION 3 - RICHMOND BUS WASH

D3 - PLUMBING FLOOR PLAN

ACT CONTRACT #:	2016-xxxx
ACT DRAWING #:	
DRAWING NO.:	P-101
SHEET NO.:	SHEET OF 45

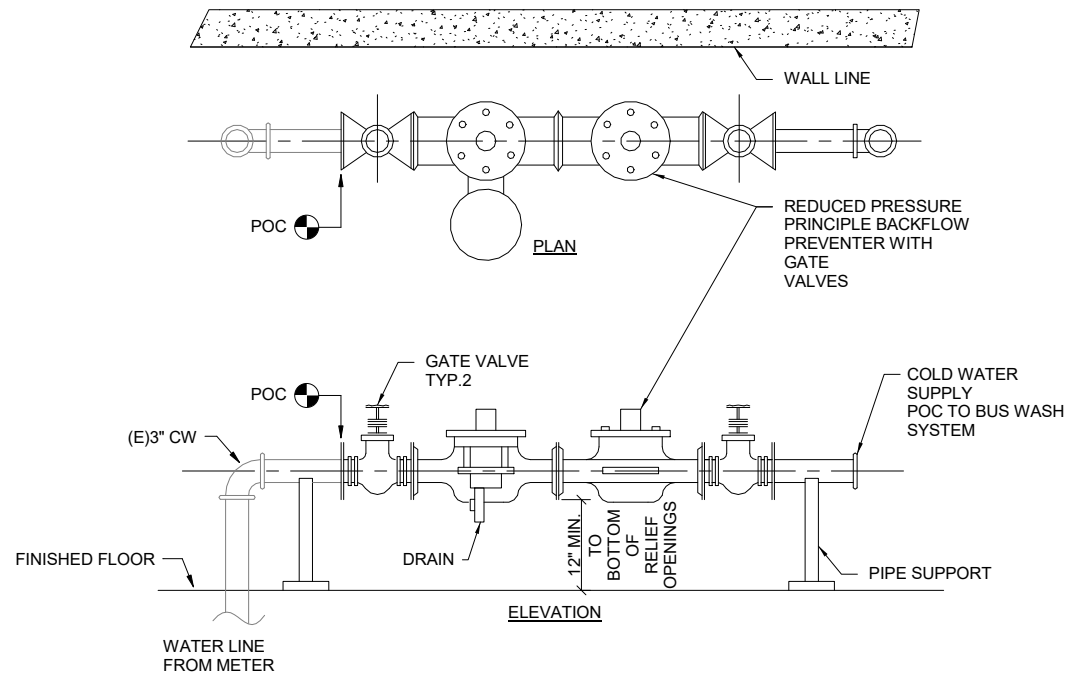
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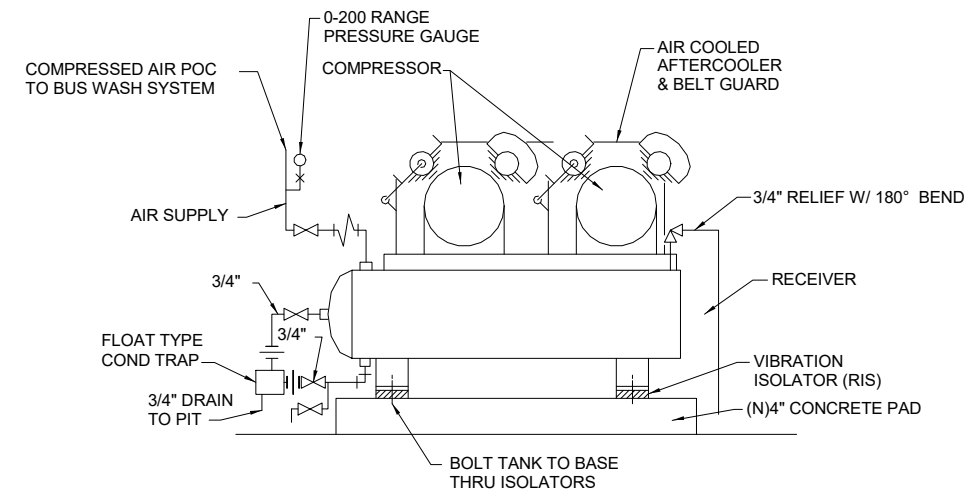
B

A

AIR COMPRESSOR SCHEDULE										
EQUIP. TAG	LOCATION AND SERVE	AIR DELIVERY (SCFM)	MAXIMUM MODULATION PRESSURE PSIG/BAR	FULL LOAD PRESSURE PSIG/.BAR	MOTOR RATING					REMARKS
					HP	VOLTAGE	PHASE	HZ	DRY WEIGHT	
AC 1	BUS WASH	18	175	125	5	480	3	60	975	RECIPROCATING PACKAGED TYPE, AIR COOLED, AFTER COOLER, STARTER, & AIR RECEIVER QUINCY, MODEL 325, OR APPROVED EQUAL.



1 BACKFLOW PREVENTER PIPING DETAIL
- NTS



2 AIR COMPRESSOR DETAIL
- NTS

DESIGNED BY:	K. XU		
DRAWN BY:	P. WINGERD		
ACT FACILITIES MAINTENANCE			
ACT PROJECT MANAGER:			
DATE:	4/12/2016		
NO.	DATE	BY	APP
4/12/16	30% SUBMITTAL		

Alameda - Contra Costa Transit District



Alameda - Contra Costa Transit District

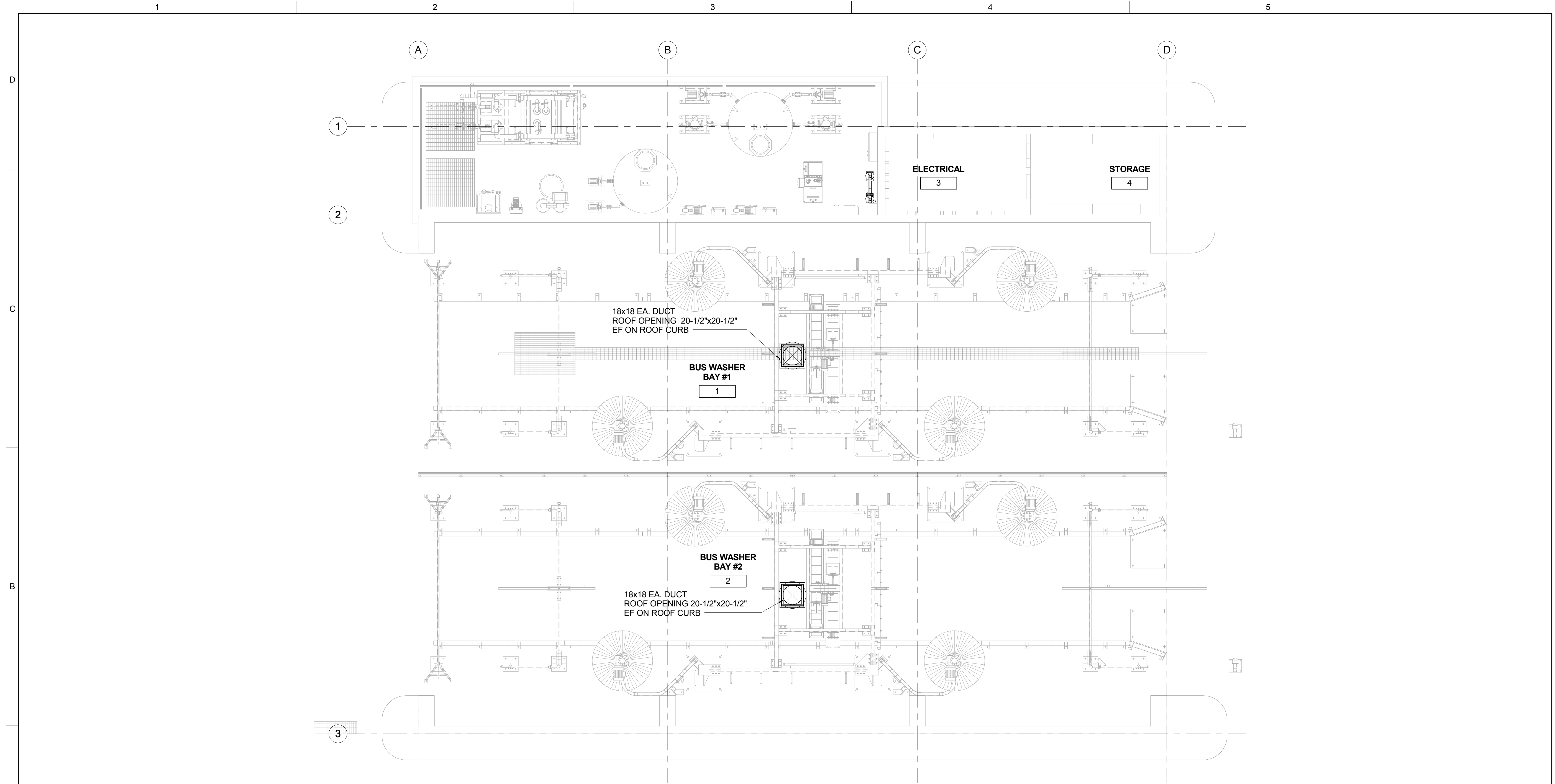


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**AC TRANSIT BUS WASH REPLACEMENT
DIVISION 3 - RICHMOND BUS WASH**

D3 - PLUMBING SCHEDULE & DETAILS

ACT CONTRACT #:	2016-xxxx
ACT DRAWING #:	
DRAWING NO.:	P-301
SHEET NO.:	SHEET OF 45



EXHAUST FAN SCHEDULE								
EQUIPMENT #	MODEL #	AIRFLOW (CFM)	DRIVE	ELEC.		EXTERNAL STATIC	WEIGHT (LBS.)	NOTES
				HP	V/P/HZ			
EF-D3-1	GREENHECK CUBE-185	3,750	BELT	1	460/3/60	3/4" W.G.	200	1. ALUMINUM CONSTRUCTION 2. WITH BACKDRAFT DAMPER ALUMINUM CONSTRUCTION
EF-D3-2	GREENHECK CUBE-185	3,750	BELT	1	460/3/60	3/4" W.G.	200	3. PROVIDE WALL SWITCH

DESIGNED BY: J. JOHNSON		Alameda - Contra Costa Transit District  Alameda - Contra Costa Transit District	STV 100 Years ST COR ORATE 560 14th Street - Suite 400 Oakland, CA 94612 t: 510.763.1313 f: 510.465.1586	AC TRANSIT BUS WASH REPLACEMENT DIVISION 3 - RICHMOND BUS WASH		ACT CONTRACT #: 2016-xxxx
DRAWN BY: D. UNGSON				ACT DRAWING #:		
ACT FACILITIES MAINTENANCE				DRAWING NO.:		
ACT PROJECT MANAGER:				SHEET NO.:		
4-12-16	30% SUBMITTAL	DATE: 4/12/2016	D3 - MECHANICAL - FLOOR PLAN		M-101	
NO.	DATE	BY	APP.			SHEET OF 45

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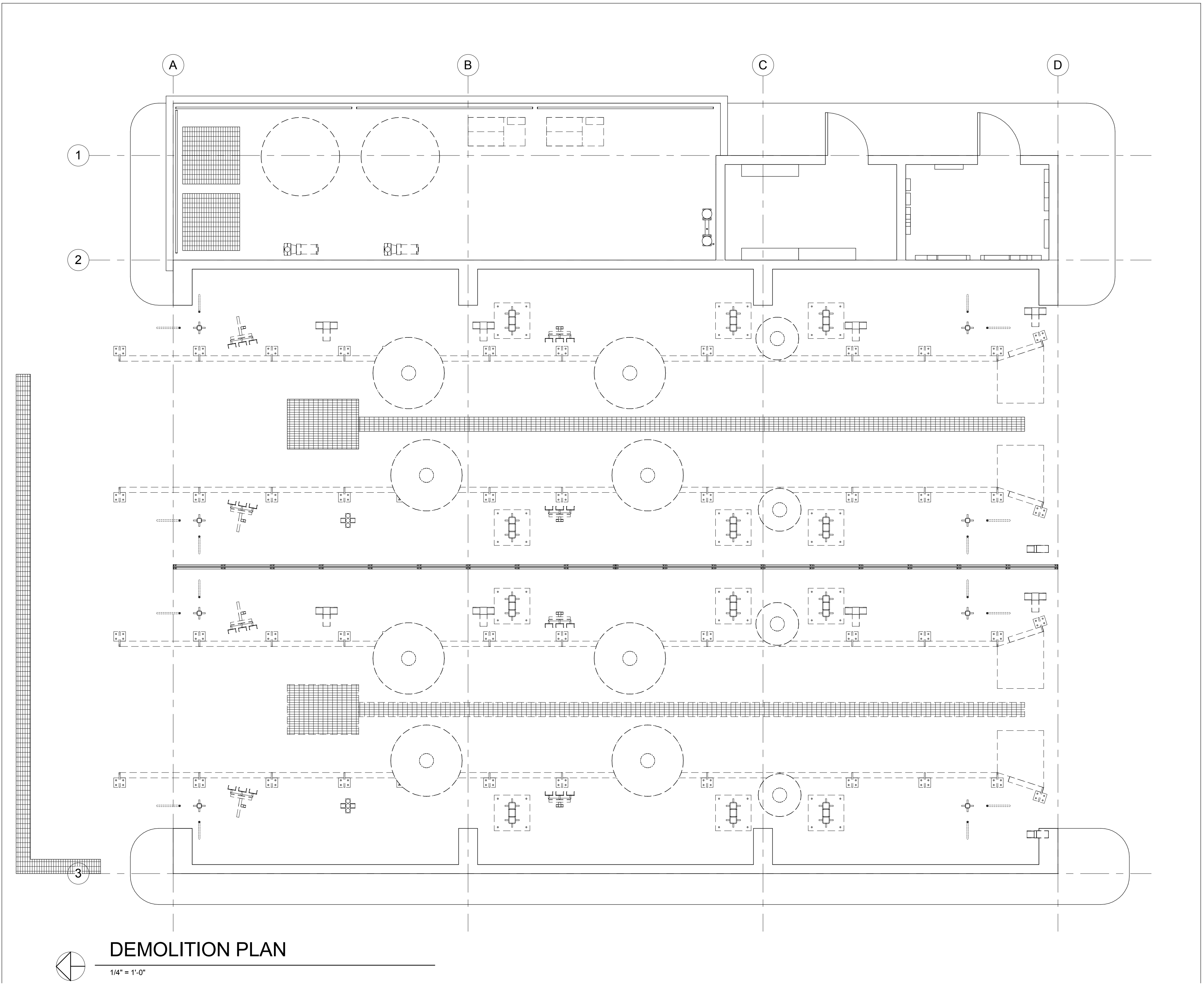
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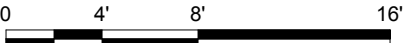


GENERAL NOTES

- 1. VERIFY ALL EXISTING INSTALLATION IN THE FIELD PRIOR TO ANY DEMOLITION WORK. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO DEMOLITION.
- 2. UTILITIES (ELECTRIC, SIGNAL, FEEDERS, ETC.) THAT ARE DAMAGED AS A RESULT OF ANY DEMOLITION WORK SHALL BE RESTORED IN WORKING CONDITION TO THE SATISFACTION OF THE AC TRANSIT.

DEMOLITION PLAN

1/4" = 1'-0"



DESIGNED BY:	R. FEE		
DRAWN BY:	T. LWIN		
ACT FACILITIES MAINTENANCE			
ACT PROJECT MANAGER:			
DATE:	4/12/2016		
NO.	DATE	BY	APP.
	4/12/16		
	30% SUMMITAL		

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**AC TRANSIT BUS WASH REPLACEMENT
 D3 - RICHMOND BUS WASH**

D3 - DEMOLITION PLAN

ACT CONTRACT #:	2016-xxxx
ACT DRAWING #:	
DRAWING NO.:	ED-101
SHEET NO.:	SHEET OF 45

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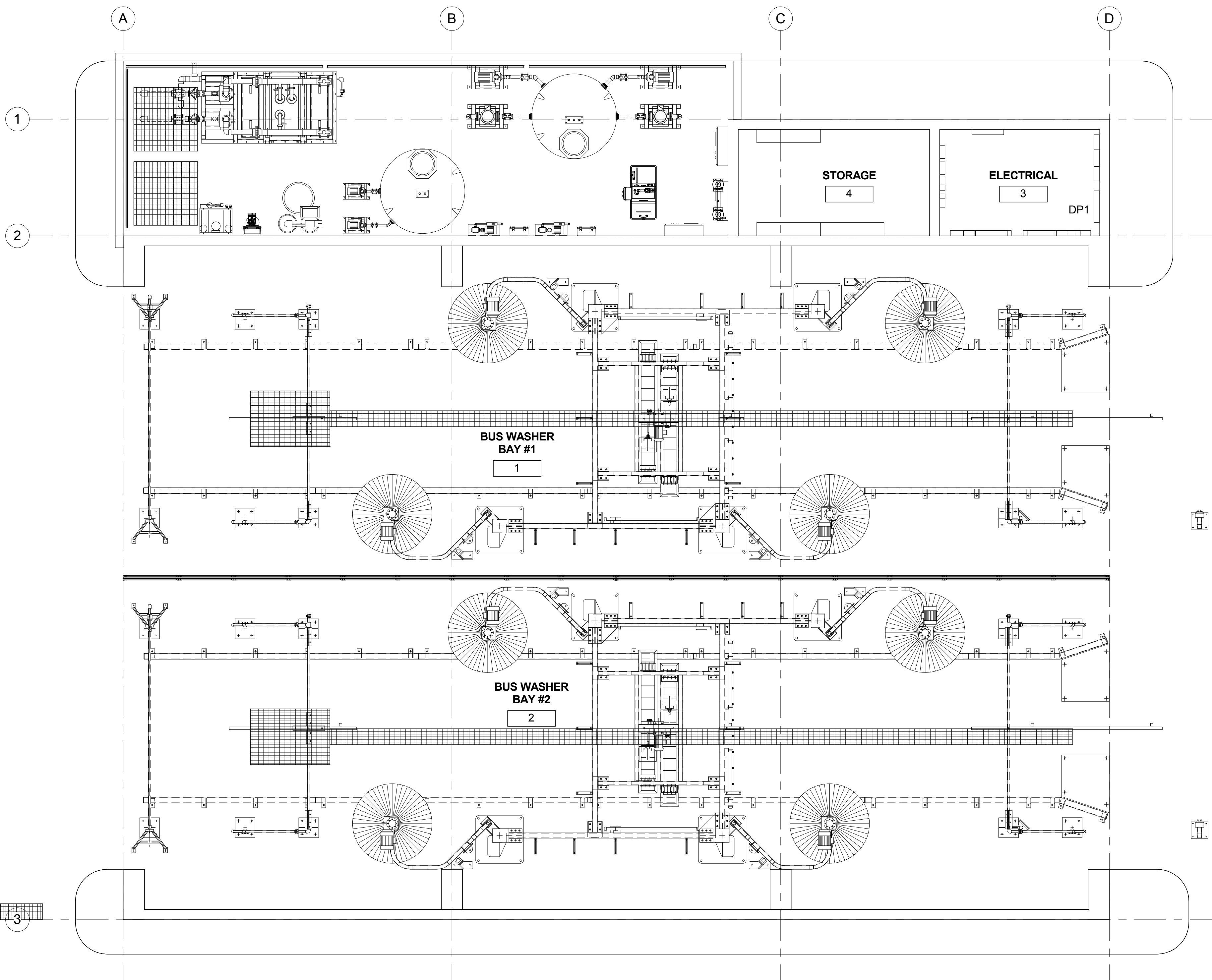
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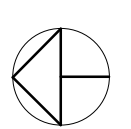
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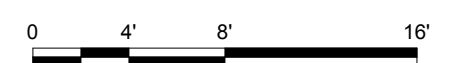
NOTES:

- 1. XXXXXXXX



POWER PLAN

1/4" = 1'-0"



DESIGNED BY:	R. FEE		
DRAWN BY:	T. LWIN		
ACT FACILITIES MAINTENANCE			
ACT PROJECT MANAGER:			
DATE:	4/12/2016		
NO.	DATE	BY	APP.
1	4/12/16		
	30% SUMMITAL		

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**AC TRANSIT BUS WASH REPLACEMENT
D3 - RICHMOND BUS WASH**

D3-POWER PLAN

ACT CONTRACT #:	2016-xxxx
ACT DRAWING #:	
DRAWING NO.:	E-101
SHEET NO.:	SHEET OF 45

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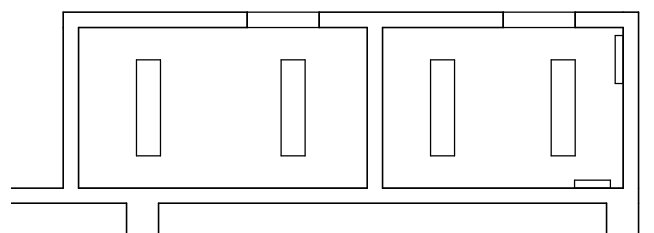
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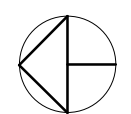
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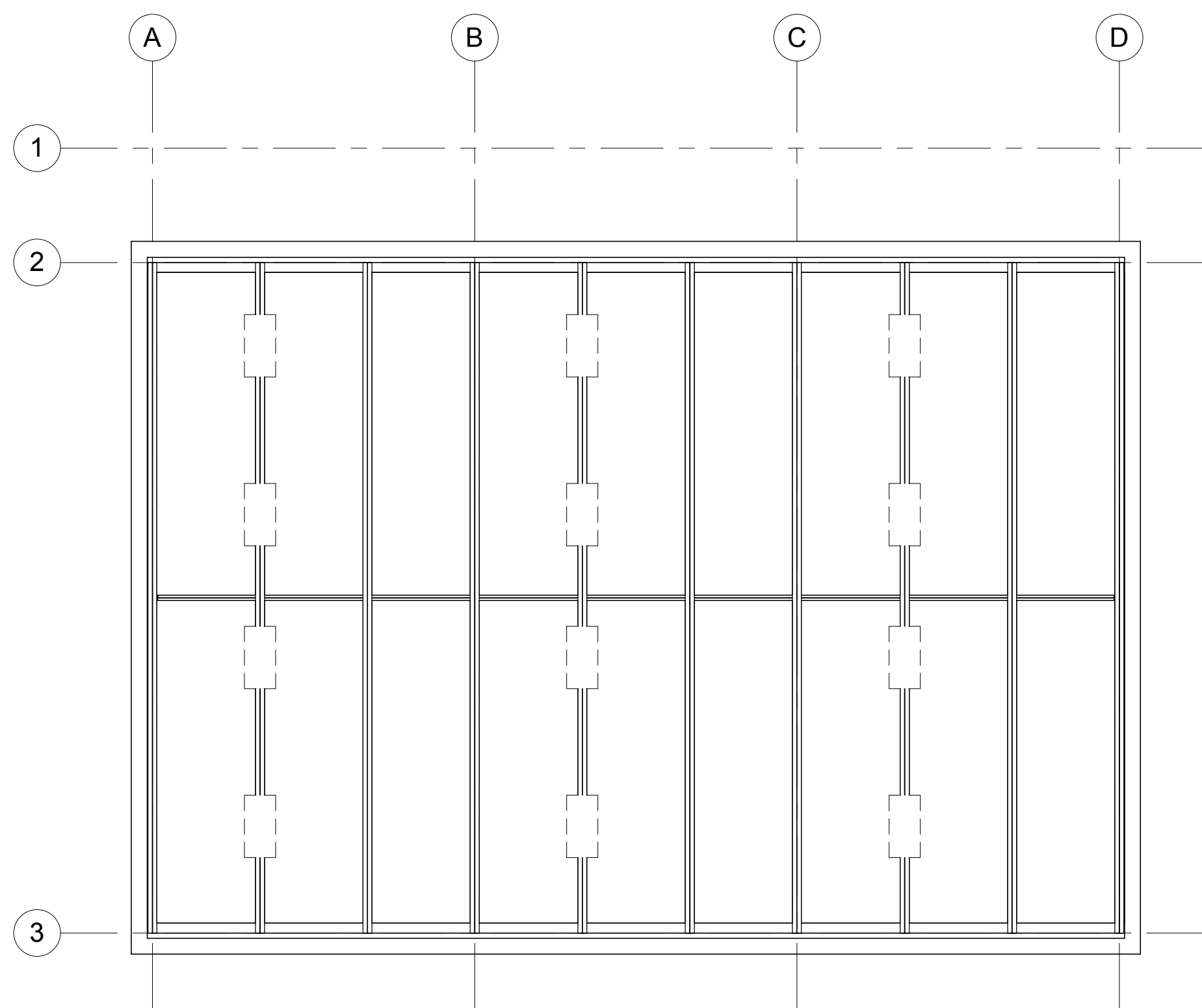
ELECTRICAL & STORAGE LIGHTING PLAN



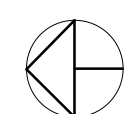
1/8" = 1'-0"

NOTES:

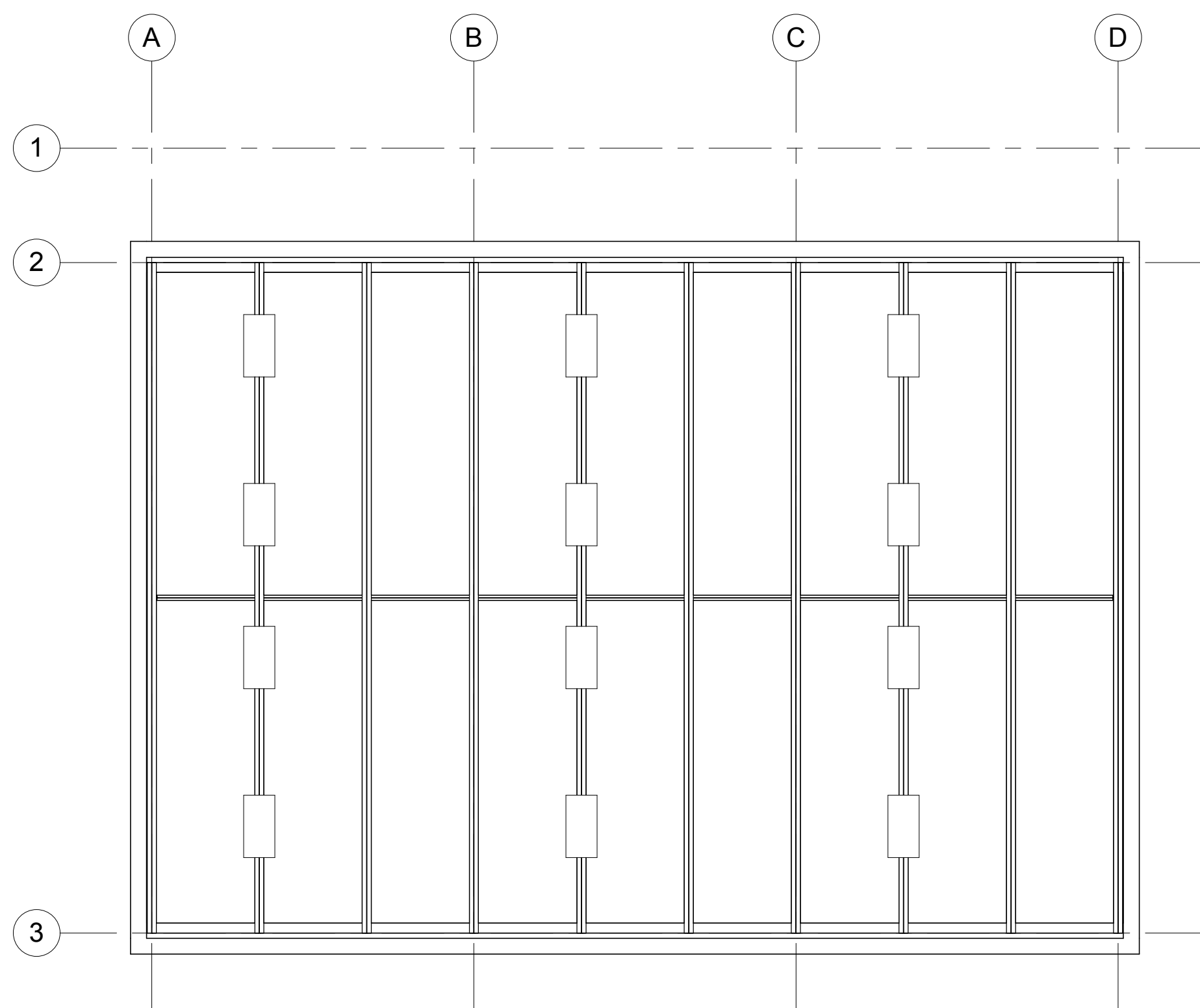
- (E) EXISTING
- (R) REMOVE
- (N) NEW



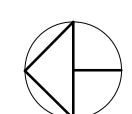
LIGHTING DEMOLITION PLAN



1/8" = 1'-0"



NEW LIGHTING PLAN



1/8" = 1'-0"



DESIGNED BY:	R. FEE		
DRAWN BY:	T. LWIN		
ACT FACILITIES MAINTENANCE			
ACT PROJECT MANAGER:			
DATE:	4/12/2016		
NO.	DATE	BY	APP.
4/12/16	30% SUMMITAL		

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**AC TRANSIT BUS WASH REPLACEMENT
 D3 - RICHMOND BUS WASH**

D3-LIGHTING PLANS

ACT CONTRACT #:	2016-xxxx
ACT DRAWING #:	
DRAWING NO.:	E-102
SHEET NO.:	SHEET OF 45

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