

Underground Flow Equalization System

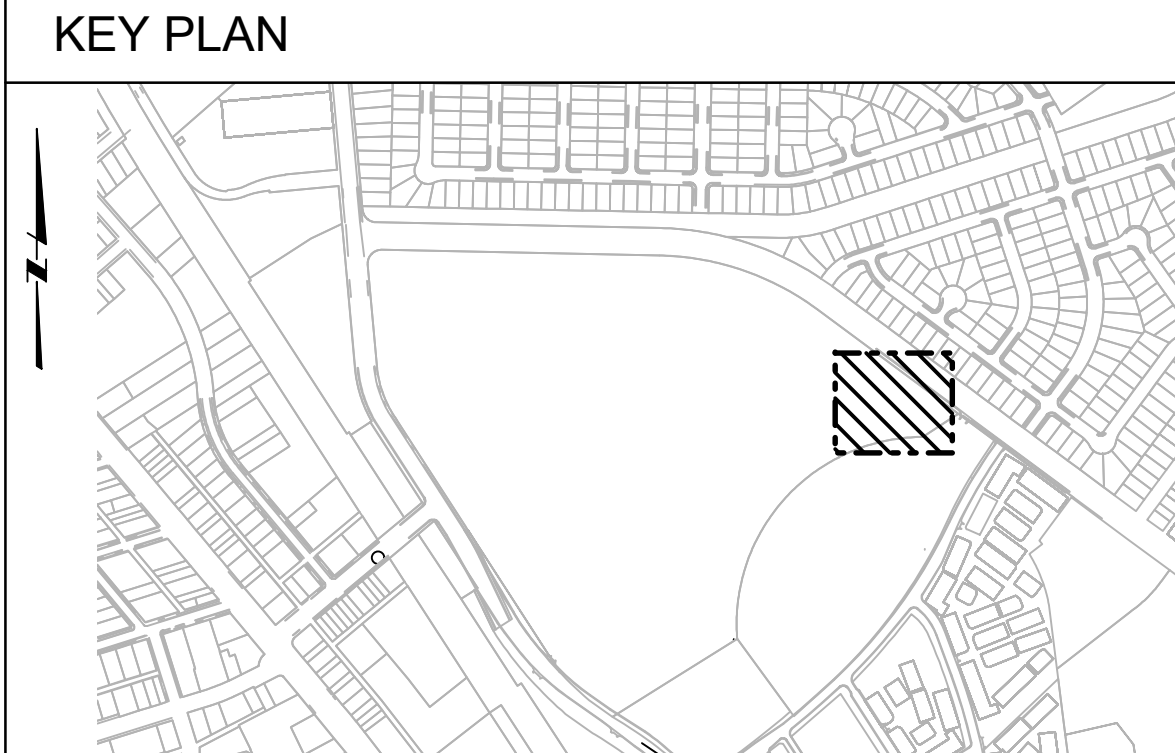
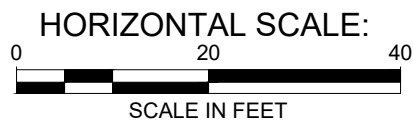
Planning Application



September 2019





PLAN
SCALE: 1"=40'



DESIGNED BY: XXX	DATE: 05/30/18		CIVIL EXISTING SITE PLAN UNDERGROUND FLOW EQUALIZATION SYSTEM PACKAGE CITY PROJECT NO. 46S003	 Stantec	REV NO.	DESCRIPTION	BY	DATE
DRAWN BY: MDC	DATE: 05/30/18							
QC CHECKED BY: XXX	DATE: 05/30/18							
PROJECT NO: 46S003								
SCALE: 1" = 20'								
SUBMITTAL 30%								
013-C-XXX1								
SHEET 1 OF XX								

BY: RADFORD, SCOTT

PLOT DATE: Wednesday, March 13, 2019 12:54:52 PM

DWG FILE: C:\pwworkdir\40450145\SUP_SMCWP_SAT03_SAT-3-013-L-2100.dwg



KEY PLAN

LEGEND

NO PARKING AREA

POROUS CONCRETE

LANDSCAPE

LANDSCAPE PLAN RENDERING

UFES PACKAGE

CITY PROJECT NO. 46S003

DESIGNED BY: SWR

DRAWN BY: SWR

QC CHECKED BY: XXX

PROJECT NO: 46S003

SCALE: AS SHOWN

SUBMITTAL: 100%

DATE: 09/11/18

DATE: 09/11/18

DATE: 09/11/18

DATE: 09/11/18

DATE: 09/11/18

013-L-2102

SHEET X OF XX

100% DESIGN NOT FOR CONSTRUCTION

DATE

BY

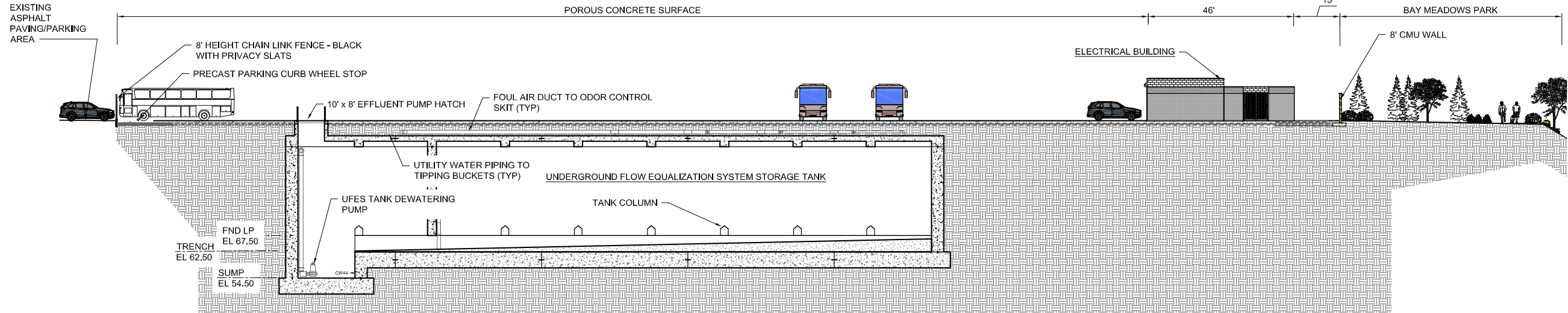
DESCRIPTION

REV NO

BY: RADFORD, SCOTT

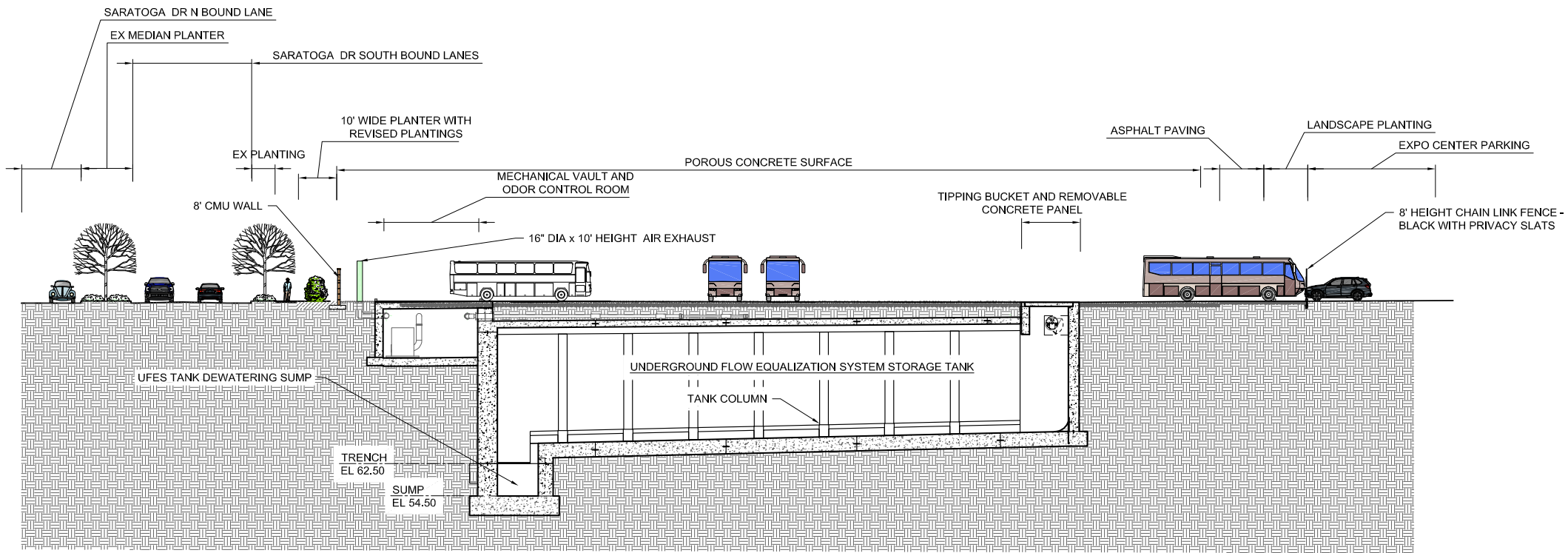
PLOT DATE: Wednesday, March 13, 2019 12:54:52 PM

DWG FILE: C:\pwworkdir\465014\SSUP_SMCWP_SAT03_SITESECTIONS.dwg



A SECTION
L2100 SCALE: 1/16" = 1'-0"

UNDERGROUND FLOW EQUALIZATION SYSTEM STORAGE TANK SITE SECTION



B SECTION
L2100 SCALE: 1/16" = 1'-0"

UNDERGROUND FLOW EQUALIZATION SYSTEM STORAGE TANK SITE SECTION

WARNING
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE

REV	NO	DESCRIPTION	DATE



100% DESIGN
NOT FOR
CONSTRUCTION

LANDSCAPE
SITE SECTIONS/ELEVATIONS
UFES PACKAGE
CITY PROJECT NO. 46S003



DESIGNED BY: SR	DATE: 4/12/19
DRAWN BY: SR	DATE: 4/12/19
QC CHECKED BY:	DATE:
PROJECT NO: 46S003	
SCALE: NO SCALE	
SUBMITAL: 100%	

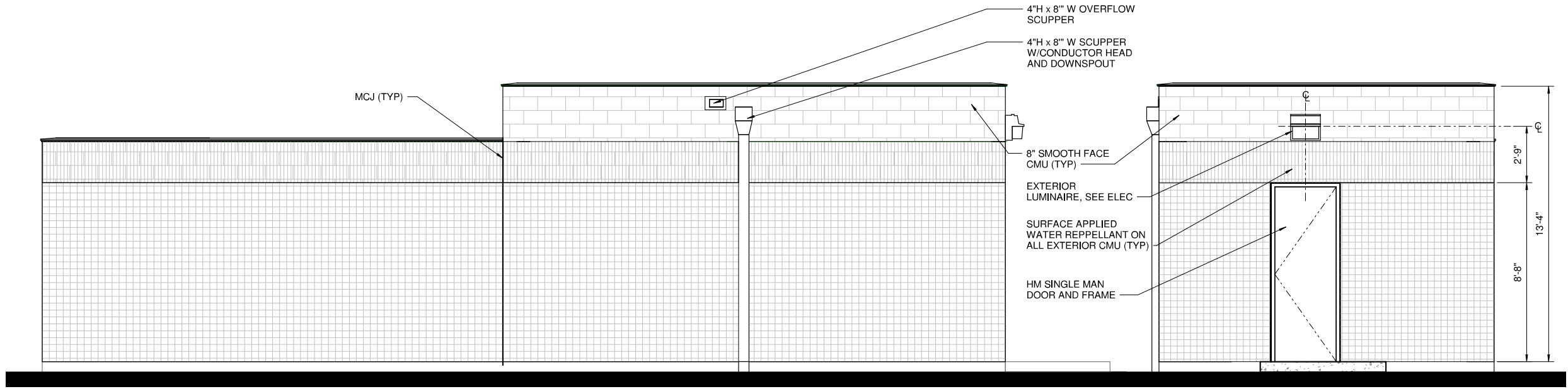
013-L-3001

SHEET XX OF XX

DATE: 8/19/2019 11:53:13 AM

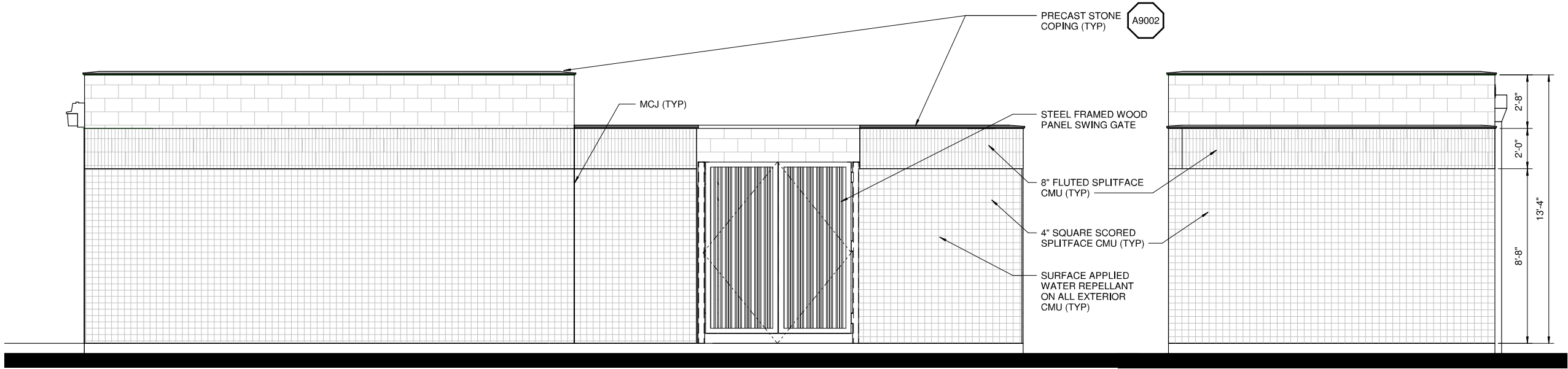
USER: EN

B:\d0309161\SMCWP-A-ZSPN03.rvt



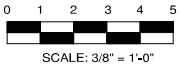
NORTH ELEVATION
SCALE: 3/8" = 1'-0"

WEST ELEVATION
SCALE: 3/8" = 1'-0"

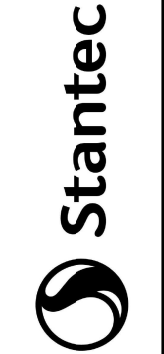


SOUTH ELEVATION
SCALE: 3/8" = 1'-0"

EAST ELEVATION
SCALE: 3/8" = 1'-0"



REV. NO.	DESCRIPTION	BY	DATE



100% DESIGN
NOT FOR
CONSTRUCTION

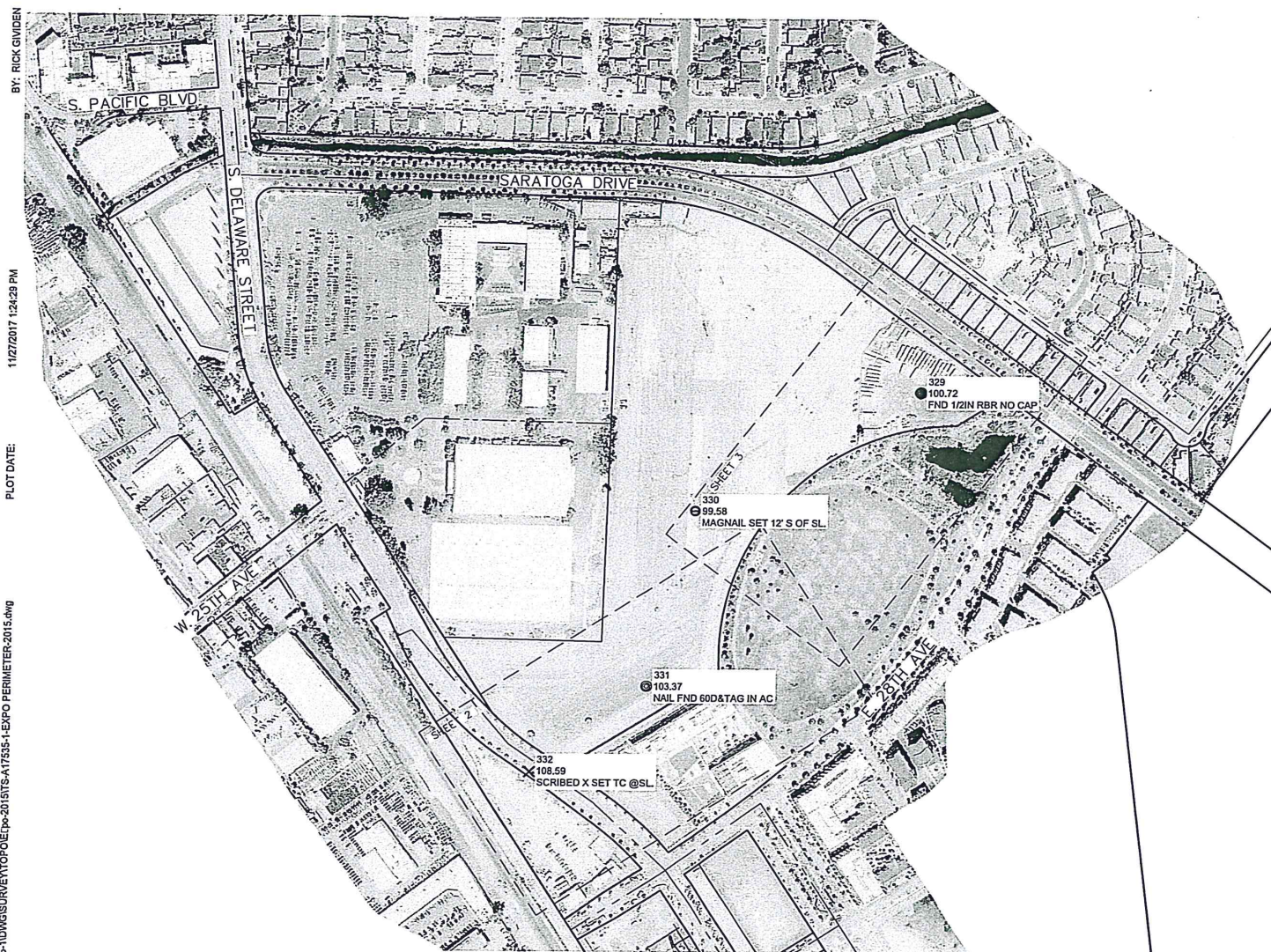
ARCHITECTURAL
ELECTRICAL BUILDING
EXTERIOR ELEVATIONS
UFES PACKAGE
CITY PROJECT NO. 46S003



DESIGNED BY: EN	DATE: 08/10/18
DRAWN BY: EN	DATE: 08/10/18
QC CHECKED BY: EM	DATE: 08/10/18
PROJECT NO: 46S003	
SCALE: 3/8" = 1'-0"	
SUBMITAL: 100% DESIGN	

013-A-3101

SHEET ____ OF ____



1. THE BOUNDARY, EASEMENT, AND OTHER ENCUMBRANCES SHOWN ON THIS DRAWING ARE BASED SOLELY UPON INFORMATION CONTAINED IN THE FOLLOWING DOCUMENTS:

RECORD OF SURVEY, VOLUME 3, PAGE 97, REC. 12/28/1956
PARCEL MAP NO. 264, BOOK 55, PAGE 44, REC. 12/04/1984
BAY MEADOWS NO. 1, VOLUME 129, PAGE 47, REC. 06/08/1999
BAY MEADOWS PHASE II, NO. 1, VOLUME 137, PAGE 37, REC. 08/25/2010
BAY MEADOWS PHASE II, NO. 4, VOLUME 139, PAGE 11, REC. 03/20/2013

2. ALL DISTANCES AND ELEVATIONS SHOWN HEREON ARE IN FEET AND DECIMALS THEREOF.

3. THIS SURVEY DOES NOT SHOW THE LOCATIONS OF THE FOLLOWING UNDERGROUND UTILITY LINES DUE TO THE FACT THAT THE CLIENT HAS NOT FURNISHED KIER & WRIGHT CIVIL ENGINEERS & SURVEYORS, INC. WITH ANY PLANS THAT DELINEATE THEIR LOCATIONS: STORM DRAIN LINES, SANITARY SEWER LINES, ELECTRIC LINES, GAS LINES, WATER LINES, TEPHONE LINES, CABLE TVISION LINES, NITROGEN LINES, (IF ANY) FIBER OPTIC LINES (IF ANY).

4. BENCHMARK:
A RAMSET NAIL AND WASHER IN THE TOP OF THE CURB AT THE NORTHERLY END OF THE
NORTHWESTERLY RETURN OVER THE CATCHBASIN AT THE INTERSECTION OF EL CAMINO REAL
AND 23RD AVE IN THE CITY OF SAN MATEO.
ELEVATION = 100.362 FEET (SAN MATEO DATUM +100)

TEMPORARY BENCHMARK:
KW PT 330, A MAG NAIL AND CONTROL WASHER IN THE PARKING LOT OF THE EXPO CENTER. THE POINT IS APPROXIMATELY 430 FEET SOUTHWEST OF THE PARKING TICKET BOOTHS ON THE SOUTHWEST PROJECTION OF THE MAIN ENTRANCE OFF OF SARATOGA DRIVE AND APPROXIMATELY 355 FEET NORTHEASTLY OF THE NORTHEAST CORNER OF THE SOUTHERLY MOST BUILDING AGAINST SOUTH DELAWARE.
ELEVATION = 99.58 FEET (SAN MATEO DATUM +100)

5. BASIS OF BEARINGS:
THE CALCULATED BEARING OF SOUTH 40° 29' 57" EAST TAKEN BETWEEN THE HELD POSITION OF GPS CONTROL POINT 1004 AND THE AZIMUTH TO GPS CONTROL POINT 1023 AS SHOWN ON THAT CERTAIN RECORD OF SURVEY FILED FOR RECORD ON JANUARY 4, 1993, IN BOOK 14 OF LLS MAPS AT PAGE 83, OFFICIAL RECORDS OF SAN MATEO COUNTY WAS TAKEN AS THE BASIS FOR ALL BEARINGS SHOWN HEREON.

ALL COORDINATES SHOWN HEREON ARE BASED ON THE ABOVE MENTIONED RECORD OF SURVEY AND ARE GRID VALUES. TO CONVERT TO GROUND VALUES MULTIPLY ALL COORDINATES SHOWN HEREON BY 1.000064702.

6. CORNER RECORD NOTE:
THE DEVELOPER AND/OR CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREPARATION AND FILING OF PRE-CONSTRUCTION AND POST-CONSTRUCTION CORNER RECORDS FOR ANY MONUMENTS OR PROPERTY CORNERS SHOWN HEREON THAT MAY BE DESTROYED DURING IMPROVEMENTS TO THE SUBJECT PROPERTY AS DEFINED IN SECTION 8771(B) OF THE PROFESSIONAL LAND SURVEYORS ACT.

7. THE AERIAL MAPPING WAS PREPARED USING COMPUTER ASSISTED, PHOTOGRAMMETRIC METHODS BY RADMAN AERIAL SURVEYS, IN SACRAMENTO CALIFORNIA. JOB NUMBER 170041. IN AREAS OF DENSE VEGETATION, ACCURACY OF CONTOURS MAY DEVIATE FROM ACCEPTED ACCURACY STANDARDS. DATE OF PHOTOGRAPHY 07/31/2017, ORIGINAL COMPILED MAP SCALE 1"=40', CONTOUR INTERVAL 1 FOOT. THE GRID IS BASED ON A LOCAL, ASSUMED COORDINATE SYSTEM. CONTROL SURVEY PERFORMED BY KIER & WRIGHT, LIVERMORE, CA.

NOTE: DASHED CONTOURS REPRESENT OBSCURED GROUND AND MAY NOT MEET NATIONAL MAP ACCURACY STANDARDS.

ASPHALT BEWM
 BUILDING LINE
 CONCRETE BLOCK/RETAINING WALL
 CONCRETE CURB
 CONCRETE CURB & GUTTER
 CONTOUR LINE
 GROUND CONTOUR LINE
 DRIVEWAY
 CHAINLINK FENCE LINE
 WOOD FENCE LINE
 LOT LINE
 MOVEMENT/ALIGNMENT LINE
 PROPERTY LINE
 SIDEWALK
 SPOT ELEVATION
 AREA DRAIN
 CATCH BASIN
 CURB INLET
 CABLE TELEVISION BOX
 ELECTRIC BOX
 ELECTROLUER
 FIRE HYDRANT
 GAS METER
 GAS VALVE
 IRRIGATION VALVE
 JOINT POLE/POWER POL
 STORM DRAIN MANHOLE
 SANITARY SENER BOX
 SANITARY SENER CLEANOUT
 SANITARY SENER MANHOLE
 TELEPHONE BOX
 UNKNOWN UTILITY BOX
 WATER FAUCET/SPICOT
 WATER METER
 WATER VALVE

AD	AREA DRAIN	MH	MANHOLE
BBO	BARBOQUE	MON	MONUMENT
BC	BACK OF CURB	N/S	NAL & SHINNER
BFP	BACK FLOW PREVENTER	NW	MONITORING HELL
BLLR	BOLLARD	NORTH	NORTH
BLR	BLACK RACE	NE	NORTH EAST
BTM	BOTTOM	NED	NORTH WEST
BW	BACK OF WALK	NW	NEEDSHEIM
CBS	CABINET	PAGE	PACIFIC GAS & ELECTRIC
CLTV	CABLE TELEVISION	PH	POTHOLE
CCB	CATCH BASIN	PV	POST INDICATOR VALVE
CHD X	CHISELED CROSS	RW	RIGHT WATER
CMC	CLEANOUT	RSR	RISER
CONC	CONCRETE	S	SOUTH
CTRL	CONTROL	S.P.	STAND PIPE
	DRAIN INLET	SD	STORM DRAIN
E	EAST	SOOCO	UNKNOWN_ABBR
EB	ELECTRIC BOX	SDMH	STORM DRAIN MANHOLE
EC	EDGE OF CONCRETE	SOUTH	SOUTH
ELEC/LF	ELECTRICAL	SLB	STREET LIGHT BOX
EP	EDGE OF PAVEMENT	SS	SANITARY SEWER
ETIS	ELECTRICITY TEST STATION	SSSR	SANITARY SEWER CLEAN OUT
F	FIRE ALARM	SW	SANITARY SEWER MANHOLE
FA	FIRE ALARM	SW	SOUTH WEST
FDC	FIRE DEPARTMENT CONNECTION	TB	TELEPHONE BOX
FL	FLOW LINE	TC	TOP OF CURB
FN	FOUND	TDR	TRENCH DRAIN
FOB	FIBER OPTIC BOX	TWH	TELEPHONE MANHOLE
GAS	GAS LINE	TGB	TRAFFIC SIGNAL BOX
GR	GRADE RAISE	UB	UNKNOWN UTILITY BOX
G	GREASE INTERCEPTOR	UTL	UTILITY
GV	GAS VALVE	VLV	VALVE
I	IRIGATION BOX	W	WEST
IG	IGNITION	WB	WATER BOX
ID	INVERT ELEVATION	WM	WATER METER
IP	IRON PIPE	WNH	WATER MANHOLE
IRP	IRON PIPE	WR	WATER
JAG	JAIL BOX	WY	WATER VALVE
MAGR	MAGNETISM JAIL & TAG		

[illegible]

DIRECTOR OF PUBLIC WORKS	DATE
ENGINEERING MANAGER	DATE
SENIOR ENGINEER	DATE

**□0% DESIGN
NOT FOR
CONSTRUCTION**



ISS EXPO CENTER PERIMETER RELIEF SEWER
BETWEEN S. DELAWARE STREET AND SARATOGA DRIVE

SURVEY

TOPOGRAPHIC SURVEY

SURVEYED BY:	DATE:
BOOK NO:	DATE:
DRAWN BY: REG	DATE:
CHECKED BY: RAS II	DATE:
SCALE: AS SHOWN	
PROJECT NO:	



11/27/2017
PREPARED BY OR UNDER THE SUPERVISION OF DATE
RODNEY A. STEWART II P.L.S. 9225
LICENSE EXPIRES: 9-30-19

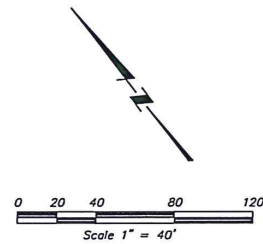


KIER & WRIGHT
CIVIL ENGINEERS & SURVEYORS, INC.
2850 Collier Canyon Road Phone (925) 245-8788
Livermore, California 94551 Fax (925) 245-8796

BY: RICK GIVDEN

11/27/2017 12:31 PM
SEE SHEET 2

DWG FILE: Z:\2017\17535-1\DWGS\SURVEY\TOPO\2015\17535-1-EXPO PERIMETER 2015.dwg



KIER & WRIGHT
CIVIL ENGINEERS & SURVEYORS, INC.
2850 Collier Canyon Road Phone (925) 245-8788
Livermore, California 94551 Fax (925) 245-8796

DATE:		DATE:		DATE:		DATE:	
DRAWN BY: REG		DATE:		DATE:		DATE:	
CHECKED BY: RAS II		DATE:		DATE:		DATE:	
SCALE: AS SHOWN		DATE:		DATE:		DATE:	
PROJECT ID:		DATE:		DATE:		DATE:	
000-V-0000		DATE:		DATE:		DATE:	
SHEET 3 OF 3		DATE:		DATE:		DATE:	
PROJECT NAME:		DATE:		DATE:		DATE:	
PROJECT NUMBER:		DATE:		DATE:		DATE:	
PROJECT LOCATION:		DATE:		DATE:		DATE:	
PROJECT STATUS:		DATE:		DATE:		DATE:	
PROJECT OWNER:		DATE:		DATE:		DATE:	
PROJECT MANAGER:		DATE:		DATE:		DATE:	
PROJECT ENGINEER:		DATE:		DATE:		DATE:	
PROJECT ARCHITECT:		DATE:		DATE:		DATE:	
PROJECT LANDSCAPE:		DATE:		DATE:		DATE:	
PROJECT MECHANICAL:		DATE:		DATE:		DATE:	
PROJECT ELECTRICAL:		DATE:		DATE:		DATE:	
PROJECT PLUMBING:		DATE:		DATE:		DATE:	
PROJECT HVAC:		DATE:		DATE:		DATE:	
PROJECT OTHER:		DATE:		DATE:		DATE:	

10% DESIGN
NOT FOR
CONSTRUCTION

CITY OF SAN MATEO

ISS: EXPO CENTER PERIMETER RELIEF SEWER
BETWEEN S. DELAWARE STREET AND SARATOGA DRIVE

SURVEY

TOPOGRAPHIC SURVEY