

Underground Flow Equalization System

Planning Application

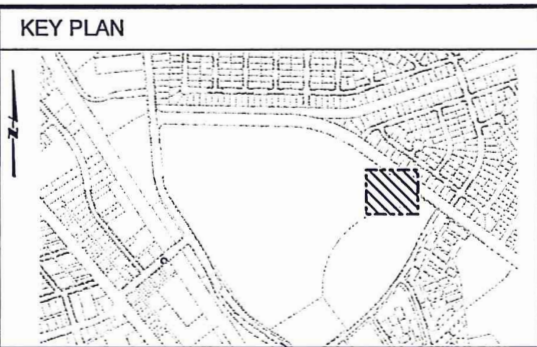
August 2019



DWG FILE: C:\pwwork\10431136\SMCWP_SAT03_SAT3-013-C-XXX1.dwg

PLOT DATE: Tuesday, May 28, 2018 9:23:35 AM

BY: CARROLL, MATTHEW



DESIGNED BY: XXX	DATE: 05/30/18	DATE: 05/30/18	DATE: 05/30/18	DATE: 05/30/18	DATE: 05/30/18
DRAWN BY: MDC	DATE: 05/30/18	DATE: 05/30/18	DATE: 05/30/18	DATE: 05/30/18	DATE: 05/30/18
QC CHECKED BY: XXX	DATE: 05/30/18	DATE: 05/30/18	DATE: 05/30/18	DATE: 05/30/18	DATE: 05/30/18
PROJECT NO: 46S003	DATE: 05/30/18	DATE: 05/30/18	DATE: 05/30/18	DATE: 05/30/18	DATE: 05/30/18
SCALE: 1" = 20'	DATE: 05/30/18	DATE: 05/30/18	DATE: 05/30/18	DATE: 05/30/18	DATE: 05/30/18
SUBMITAL: 10%	DATE: 05/30/18	DATE: 05/30/18	DATE: 05/30/18	DATE: 05/30/18	DATE: 05/30/18
013-C-XXX1					
SHEET 1 OF XX					

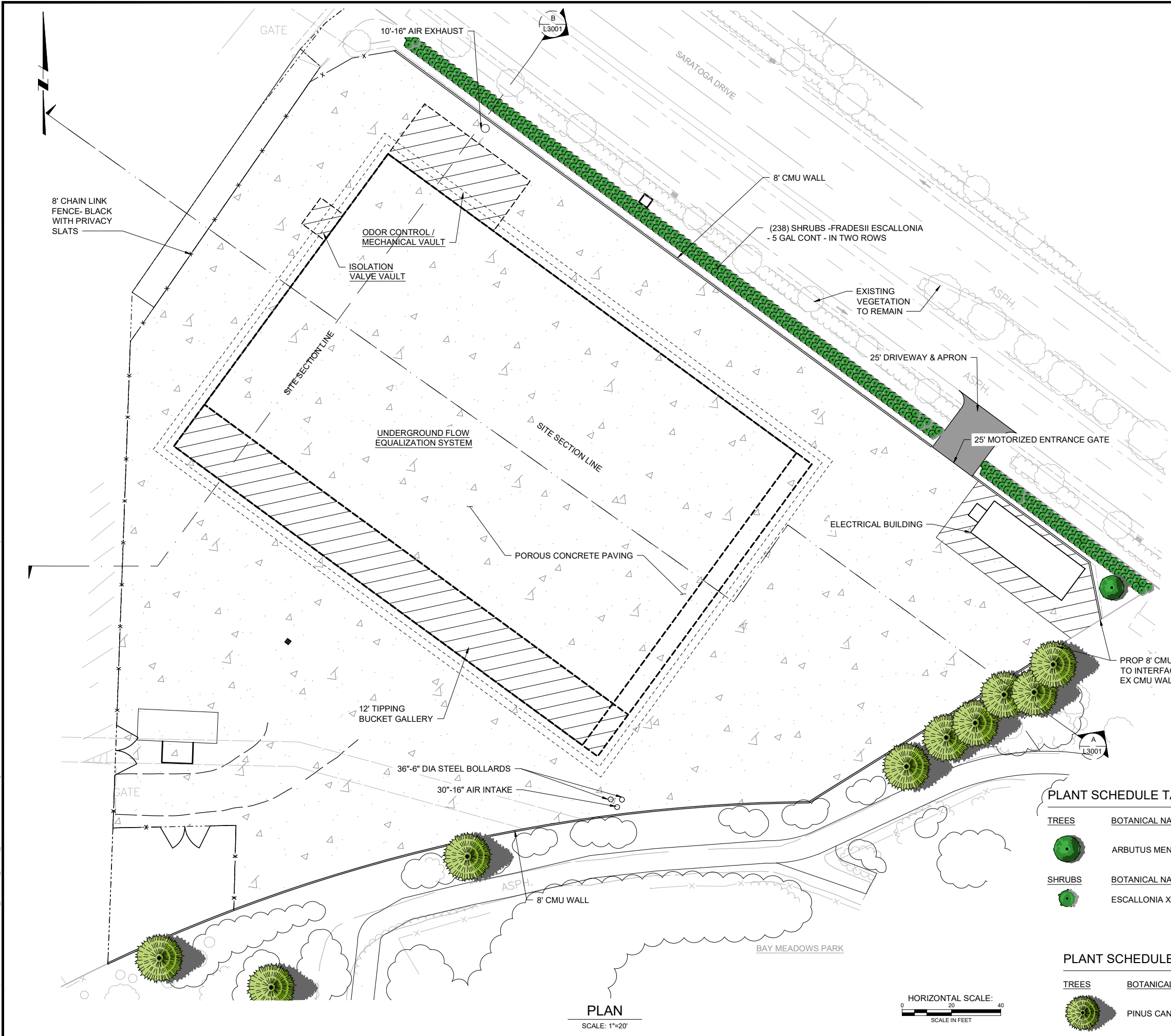
30% DESIGN
NOT FOR
CONSTRUCTION

CIVIL
EXISTING SITE PLAN
UNDERGROUND FLOW EQUALIZATION
SYSTEM PACKAGE
CITY PROJECT NO. 46S003

BY: RADFORD, SCOTT

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

DWG FILE: C:\pwworking\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

SUBMITAL: 100%

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

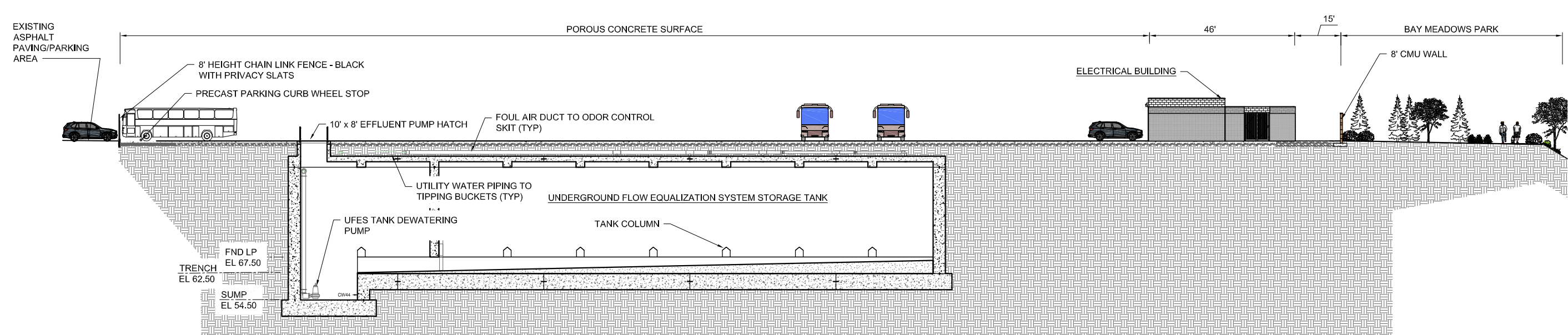
DESCRIPTION

REV NO

PLANT SCHEDULE TANK SITE				
TREES	BOTANICAL NAME	COMMON NAME	CONT	QTY
	ARBUTUS MENZIESII	PACIFIC MADRONE	7'-8' HT	1
SHRUBS	BOTANICAL NAME	COMMON NAME	SIZE	QTY
	ESCALLONIA X EXOIESIS 'FRADESII'	FRADESII ESCALLONIA	5 GAL	238

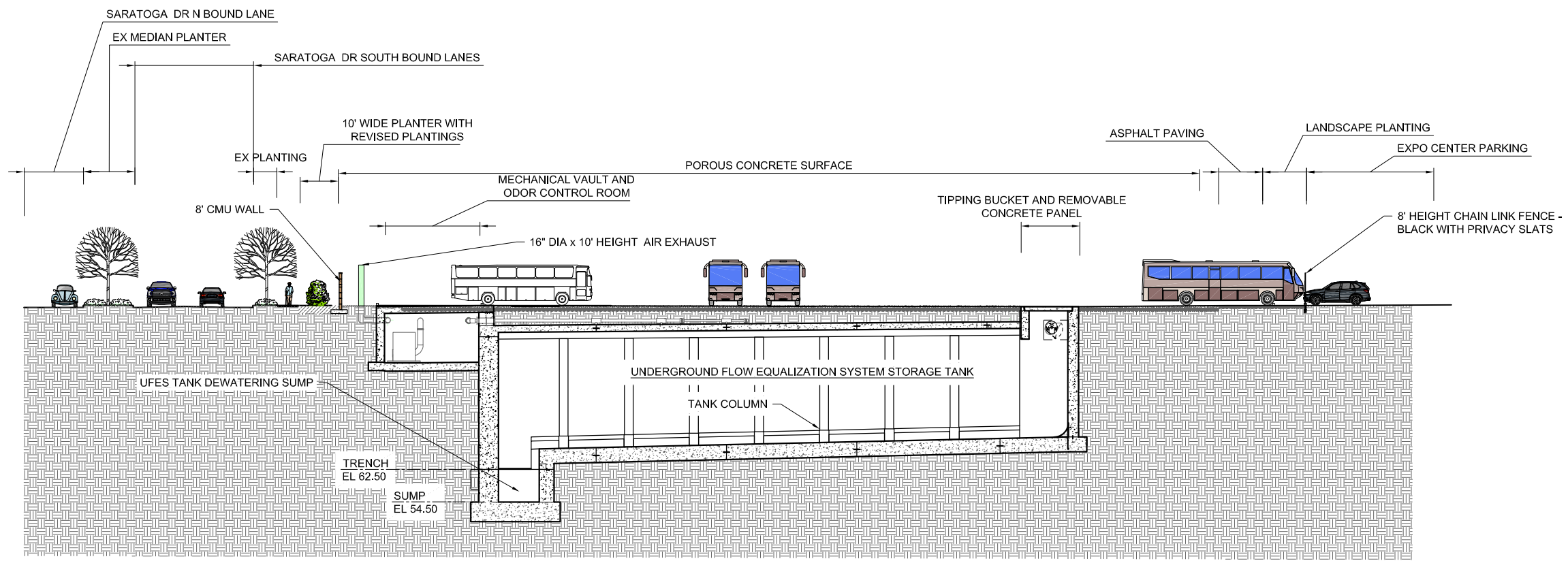
PLANT SCHEDULE BAY MEADOWS PARK				
TREES	BOTANICAL NAME	COMMON NAME	CONT	QTY
	PINUS CANARIENSIS	CANARY ISLAND PINE	24"BOX	9

DWG FILE: C:\pwwork\ind0450145\SUP_SMCWP_SAT03_9\TSECTIONS.dwg
PLOT DATE: Wednesday, March 13, 2019 12:54:52 PM
BY: RADFORD, SCOTT



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
0 1/2
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE

DATE				
BY				
DESCRIPTION				
REV NO				

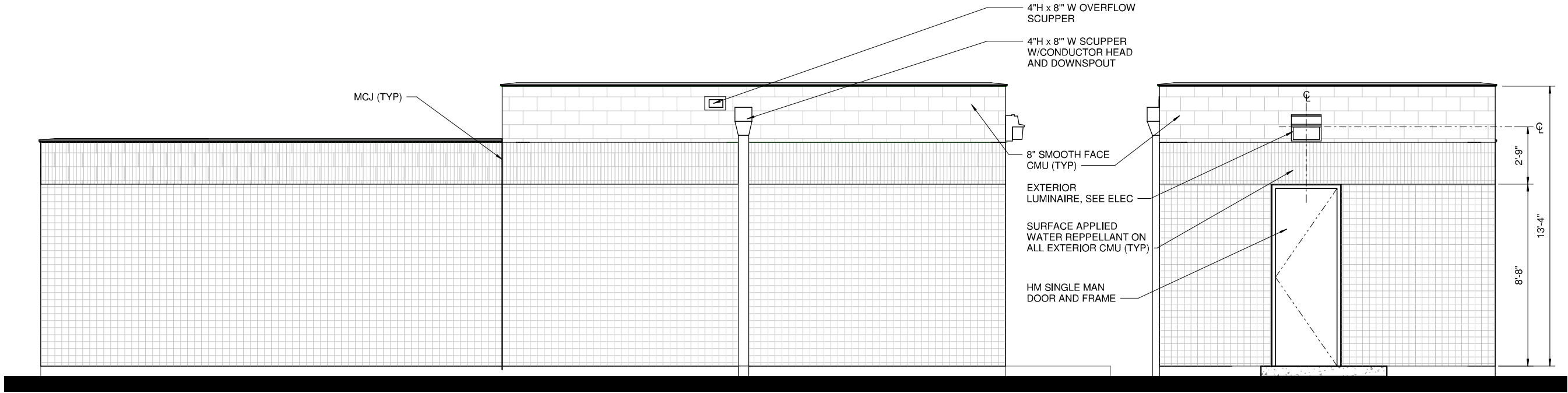
100% DESIGN
NOT FOR
CONSTRUCTION

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%	

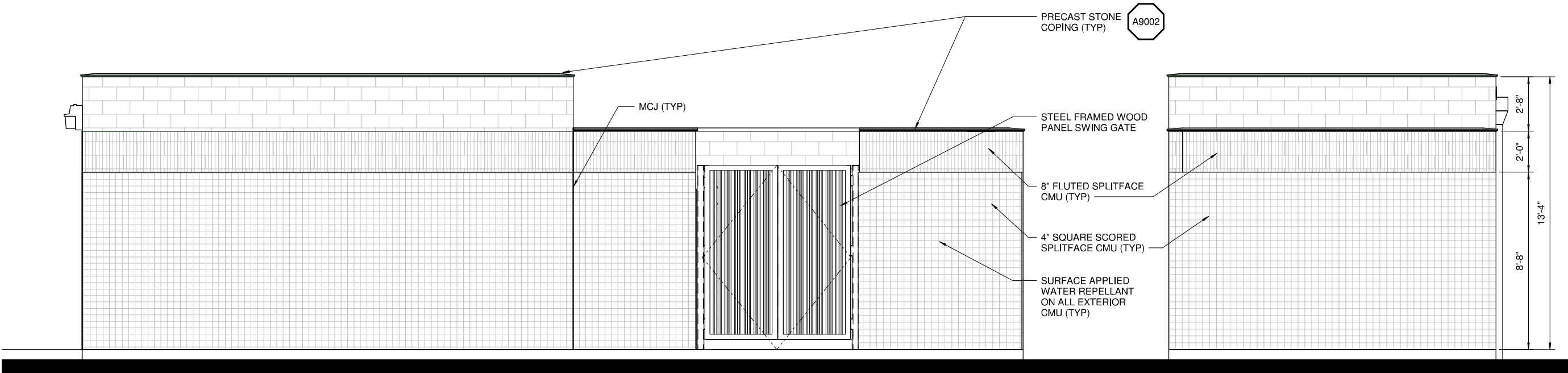
013-L-3001

SHEET XX OF XX



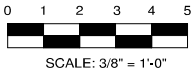
NORTH ELEVATION
SCALE: 3/8" = 1'-0"

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

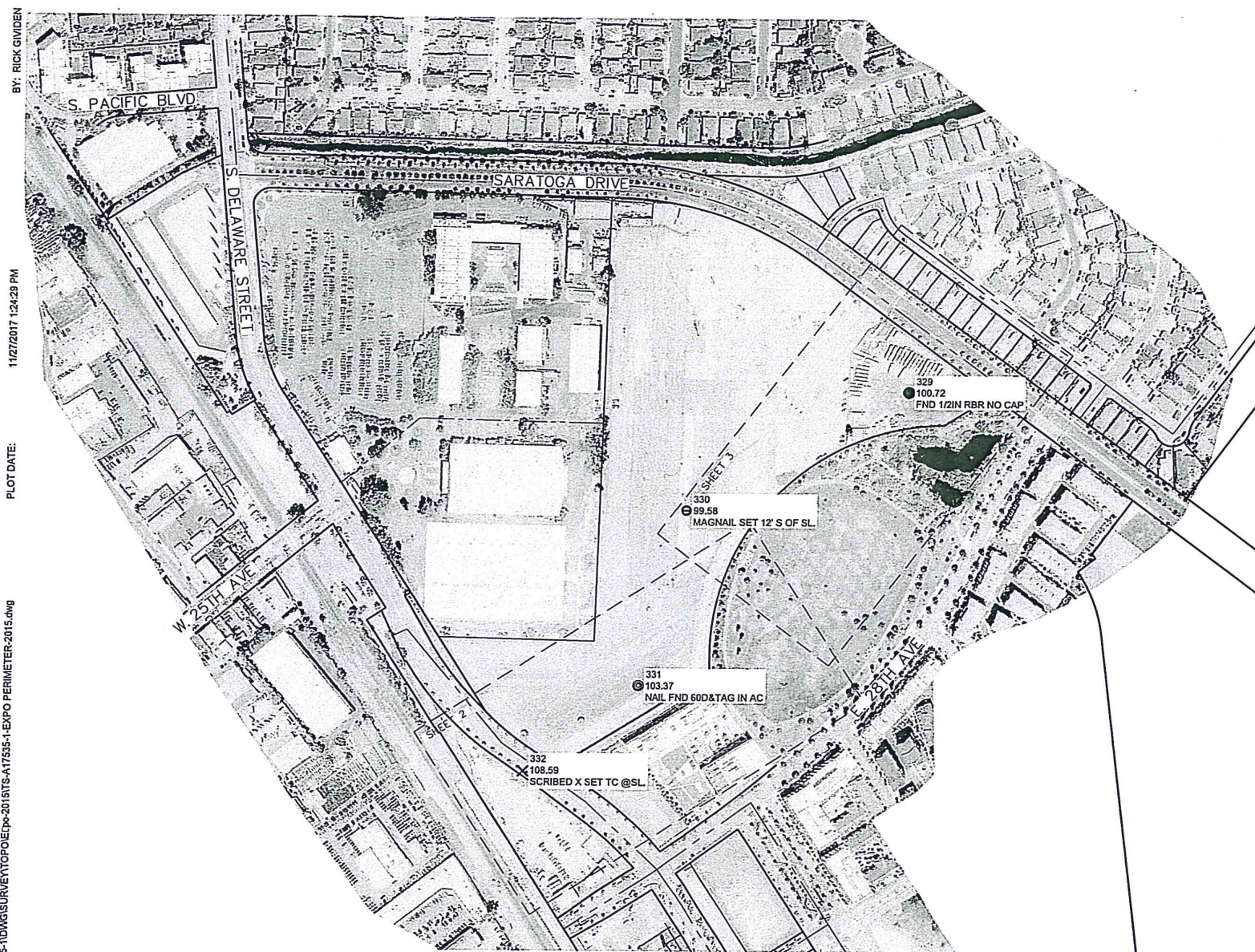
UFES PACKAGE
CITY PROJECT NO. 46S003



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"
SUBMITTAL: 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, TBPHONE 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 NORTHEASTERLY 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 BERM
	BUILDING LINE
	CONCRETE BLOCK/RETAINING WALL
	CONCRETE CURB
	CONCRETE CURB & GUTTER
	CONTOUR LINE
	OBSCURED CONTOUR LINE
	DRIVEWAY
	CHAIN-LINK FENCE LINE
	WOOD FENCE LINE
	LOT LINE
	MONUMENT/MONUMENT LINE
	PROPERTY LINE
	SIDEWALK
	SPOT ELEVATION
	AREA DRAIN
	CATCH BASIN
	CURB INLET
	CABLE TELEVISION BOX
	ELECTRIC BOX
	ELECTRIC TROLLEY
	FIRE HYDRANT
	GAS METER
	GAS VALVE
	IRRIGATION VALVE
	JOINT POLE/POWER POLE
	STORM DRAIN MANHOLE
	SANITARY SEWER BOX
	SANITARY SEWER CLEANOUT
	SANITARY SEWER MANHOLE
	TELEPHONE BOX
	UNKNOWN UTILITY BOX
	WATER FAUCET/SPIGOT
	WATER METER
	WATER VALVE

AD	AREA DRAIN	MH	MANHOLE
BBQ	BARBEQUE	MON	MONUMENT
CB	BACK OF CURB	MWS	NAL & SHINNER
BFP	BACK FLOW PREVENTER	NH	MONITORING WELL
BLRD	BOLLARD	N	NORTH
BR	BIKE RACK	NE	NORTH EAST
BTM	BOTTOM	NW	NORTH WEST
BW	BACK OF WALK	PD	PEDESTRIAN
CAS	CABINET	PCE	PACIFIC GAS & ELECTRIC
CATV	CABLE TELEVISION	PH	POTHOLE
CB	CATCH BASIN	PIV	POST INDICATOR VALVE
CHS X	CHISELED CROSS	RM	RM ELEVATION
CL	CLEANOUT	RISER	RISER
CONC	CONCRETE	S	SOUTH
CTRL	CONTROL	S.P.	STAND PIPE
DI	DRAIN INLET	SD	STORM DRAIN
E	EAST	SOCO	UNIONBURY ABER
EB	ELECTRIC BOX	SOH	STORM DRAIN MANHOLE
EC	EDGE OF CONCRETE	SE	SOUTH EAST
ELEC/FL	ELECTRICAL	SLB	STREET LIGHT BOX
EP	EDGE OF PAVEMENT	SS	SANITARY SEWER
EIS	ELECTRICITY TEST STATION	SSCO	SANITARY SEWER CLEAN OUT
EV	ELECTRIC VALVE	SSH	SANITARY SEWER MANHOLE
FA	FIRE ALARM	SW	SOUTH WEST
FDC	FIRE DEPARTMENT CONNECTION	TB	TELEPHONE BOX
FLD	FLOW LINE	TC	TOP OF CURB
FID	FIBER DRAIN	TDR	TRENCH DRAIN
FOS	FIBER OPTIC BOX	THH	TELEPHONE MANHOLE
GAS	GAS LINE	TSD	TRAFFIC SIGNAL BOX
GB	GRADE BREAK	USB	UNIONBURY UTILITY BOX
GI	GREASE INTERCEPTOR	UTL	UTILITY
G	GAS VALVE	VLV	VALVE
IG	IRRIGATION BOX	W	WEST
ID	IDENTIFICATION	HW	WATER BOX
IE	INVERT ELEVATION	HW	WATER WATER
IP	IRON PIPE	WH	WATER MANHOLE
MAL	MAL BOX	WY	WATER WATER
MAG&TAG	MAGNESIUM NAL & TAG		

000-V-000		SHEET 1 OF 3	
SURVEYOR: _____ BOOK: NO: _____ DRAWING: REG _____ CREATION: RAS II _____ SCALE: AS SHOWN _____	ISS EXPO CENTER PERIMETER RELIEF SEWER BETWEEN S. DELAWARE STREET AND SARATOGA DRIVE SURVEY TOPOGRAPHIC SURVEY		
		<input type="checkbox"/> 0% DESIGN NOT FOR CONSTRUCTION	
DATE: _____ DATE: _____ DATE: _____ DATE: _____ DATE: _____		REV. NO: _____ DESCRIPTION: _____ DATE: _____ DATE: _____ DATE: _____	
		DIRECTOR OF PUBLIC WORKS ENGINEERING MANAGER STAFF ENGINEER	

11/27/2017

PREPARED BY OR UNDER THE SUPERVISION OF
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 GIMDEN

PLOT DATE: 11/27/2017 12:31:11 PM

DWG FILE: Z:\2017\17535-NDWG\SURVEY\TOPO\DWG-2015\TS-A17535-1-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	DATE	DATE
BOOK NO.	BOOK NO.	BOOK NO.	BOOK NO.	BOOK NO.	BOOK NO.
DRAWN BY: REG	DRAWN BY: REG	DRAWN BY: REG	DRAWN BY: REG	DRAWN BY: REG	DRAWN BY: REG
CHECKED BY: RAS II	CHECKED BY: RAS II	CHECKED BY: RAS II	CHECKED BY: RAS II	CHECKED BY: RAS II	CHECKED BY: RAS II
SCALE: AS SHOWN	SCALE: AS SHOWN	SCALE: AS SHOWN	SCALE: AS SHOWN	SCALE: AS SHOWN	SCALE: AS SHOWN
PROJECT NO:	PROJECT NO:	PROJECT NO:	PROJECT NO:	PROJECT NO:	PROJECT NO:
ISS EXPO CENTER PERIMETER RELIEF SEWER BETWEEN S. DELAWARE STREET AND SARATOGA DRIVE					
SURVEY					
TOPOGRAPHIC SURVEY					
000-V-0000					
SHEET 3 OF 3					