

The underground flow equalization system basin (UFES) will equalize flows upstream from the Dale Avenue Pump Station, located immediately upstream of the City's wastewater treatment plant (WWTP). The project consists of a new storage facility, pump station, odor control equipment room, and associated diversion sewer lines consisting of a 36" gravity sewer and 8" force main.

Underground Flow Equalization System

Planning Application

October 2018

DEVELOPMENT PROJECT DATA INFORMATION		
SITE ADDRESS	1346 SARATOGA DR, SAN MATEO, CA 94403	
APN	040-030-220	
ZONING CLASSIFICATION	AGRICULTURAL	
LOT SIZE (SQ FT)	15500	
PERMITTED FLOOR AREA RATIO	0.0240	
MAX PERMITTED FLOOR AREA (SQ FT)	384	
	EXISTING	PROPOSED
FLOOR AREA (SQ FT) ¹	N/A	384
MAIN STRUCTURE(S)	N/A	384
DETACHED ACCESSORY STRUCTURE(S)	N/A	-
EXEMPTIONS ²	N/A	-
TOTAL FLOOR AREA	N/A	384
EXISTING INTERIOR FLOOR AREA TO BE REMODELED		N/A
TOTAL FLOOR AREA FOR PARKING REQUIREMENTS ³		N/A
TOTAL COVERED PARKING STALLS		N/A
TOTAL UNCOVERED PARKING STALLS		N/A
LIST OF ALL HERITAGE TREES ON SITE INCLUDING SPECIES AND SIZE		SEE ATTACHED LISTING
1. SEE ZONING CODE SECTION 27.04.200 (b) (1) FOR FULL FLOOR AREA DEFINITION.		
2. SEE ZONING CODE SECTION 27.04.200 (b) (2) FOR FULL LIST OF FLOOR AREA EXCLUSIONS.		
3. SEE ZONING CODE SECTION 27.04.200 (d) FOR FULL LIST OF PARKING FLOOR AREA EXCLUSIONS (DOES NOT APPLY TO GENERAL OFFICE, RETAIL STORES, FOOD STORES, DRUG STORES, AND SHOPPING CENTER USES).		



DWG FILE: C:\work\kld\0431136\SMCWP_SAT01_SAT-3-013-C-XXX1.dwg
PLOT DATE: Tuesday, May 29, 2018 9:23:35 AM
BY: CARROLL, MATTHEW



PLAN
SCALE: 1"=40'

KEY PLAN



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%			SHEET 1 OF XX		
013-C-XXX1								



HORIZONTAL SCALE:



A horizontal scale bar with a black background and white markings. It is labeled with '0' at the left end, '20' in the middle, and '40' at the right end. Below the bar, the text 'SCALE IN FEET' is written.

SCALE IN FEET

	NO PARKING AREA
	POROUS CONCRETE
	ASPHALT PAVEMENT

[illegible]

**90% DESIGN
NOT FOR
CONSTRUCTION**

LANDSCAPE

LANDSCAPE PLAN RENDERING

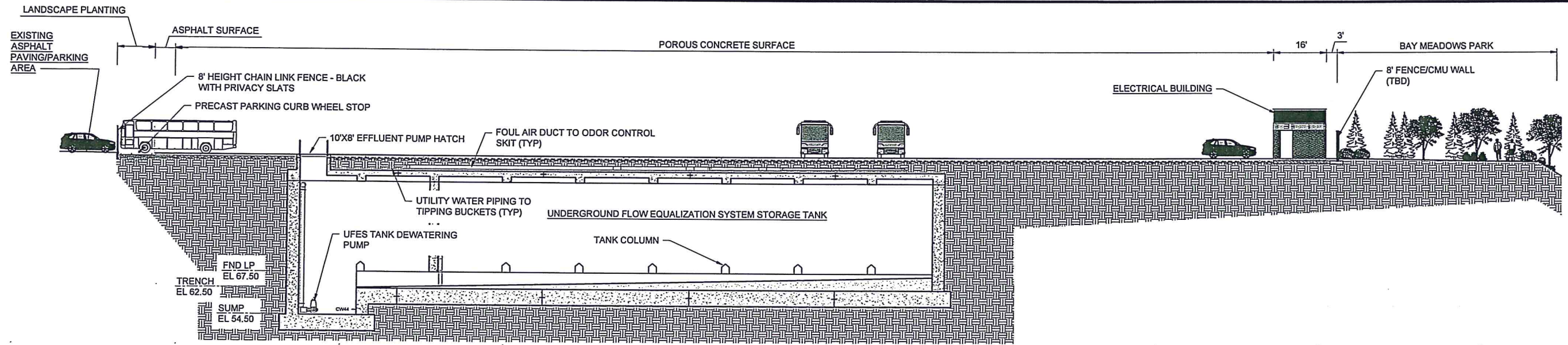
UFES PACKAGE
CITY PROJECT NO. 46S003



DESIGNED BY: SWR	DATE: 09/11/18
DRAWN BY: SWR	DATE: 09/11/18
QC CHECKED BY: XXX	DATE: 09/11/18
PROJECT No. 46S003	
SCALE: AS SHOWN	
SUBMITTAL: 90%	

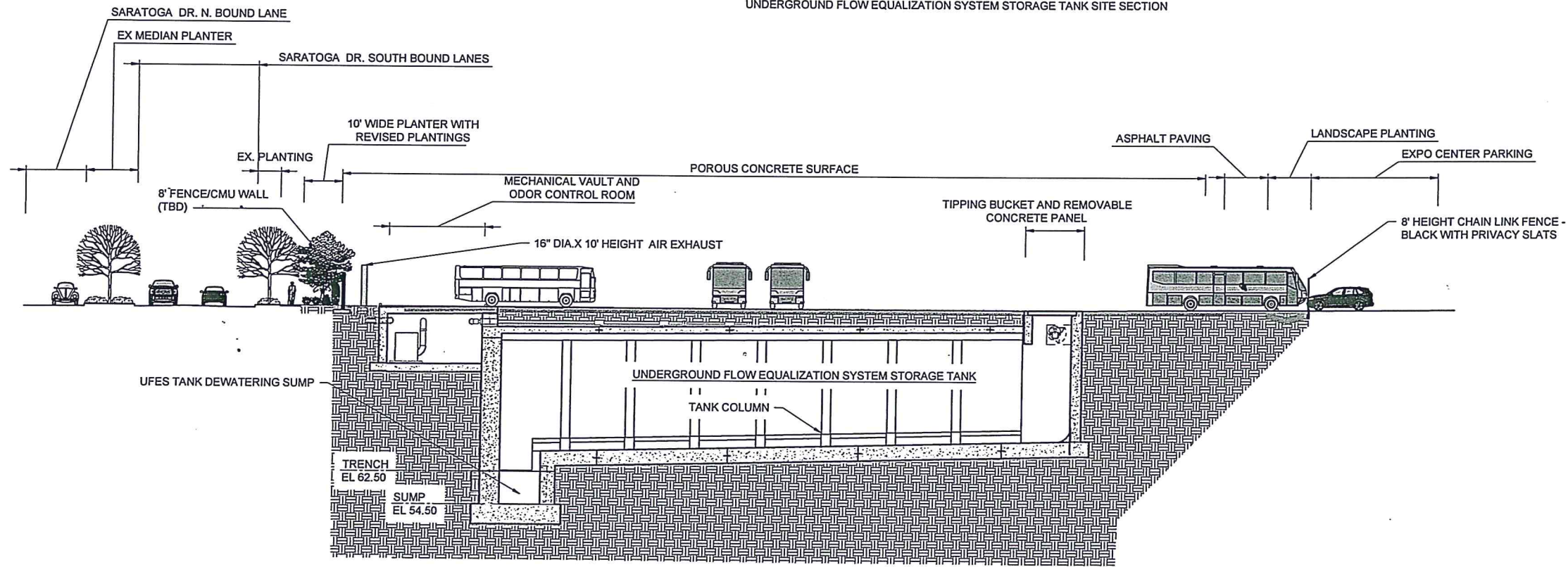
013-L-2102

DWG FILE: C:\pwworkdir\40450145\SUP_SMCWP_UFES_SITESECTIONS.dwg
PLOT DATE: Wednesday, March 13, 2019 12:54:52 PM
BY: CARROLL, MATTHEW



C SECTION
L2102 SCALE: 1/16" = 1'-0"

UNDERGROUND FLOW EQUALIZATION SYSTEM STORAGE TANK SITE SECTION



D SECTION
L2102 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

DATE	BY	DESCRIPTION	REV. NO.

90% DESIGN
NOT FOR
CONSTRUCTION

LANDSCAPE

SITE SECTIONS/ELEVATIONS

UFES PACKAGE

CITY PROJECT NO. 46S003

DESIGNED BY: CEO
DRAWN BY: MDC
CHECKED BY: XXX
PROJECT NO: 46S003
SCALE: AS SHOWN
SUBMITTAL 97%

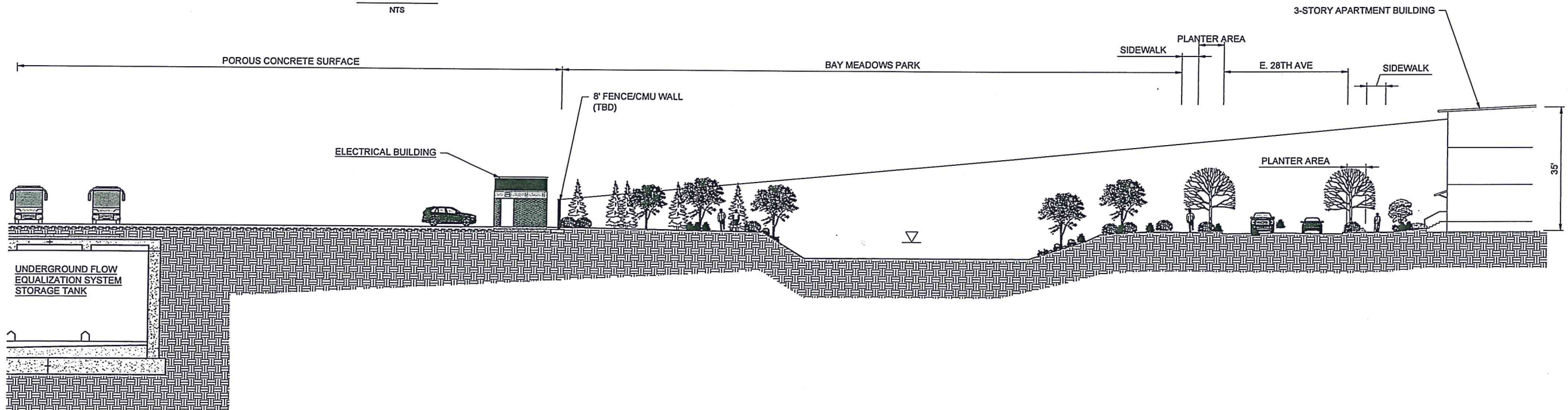
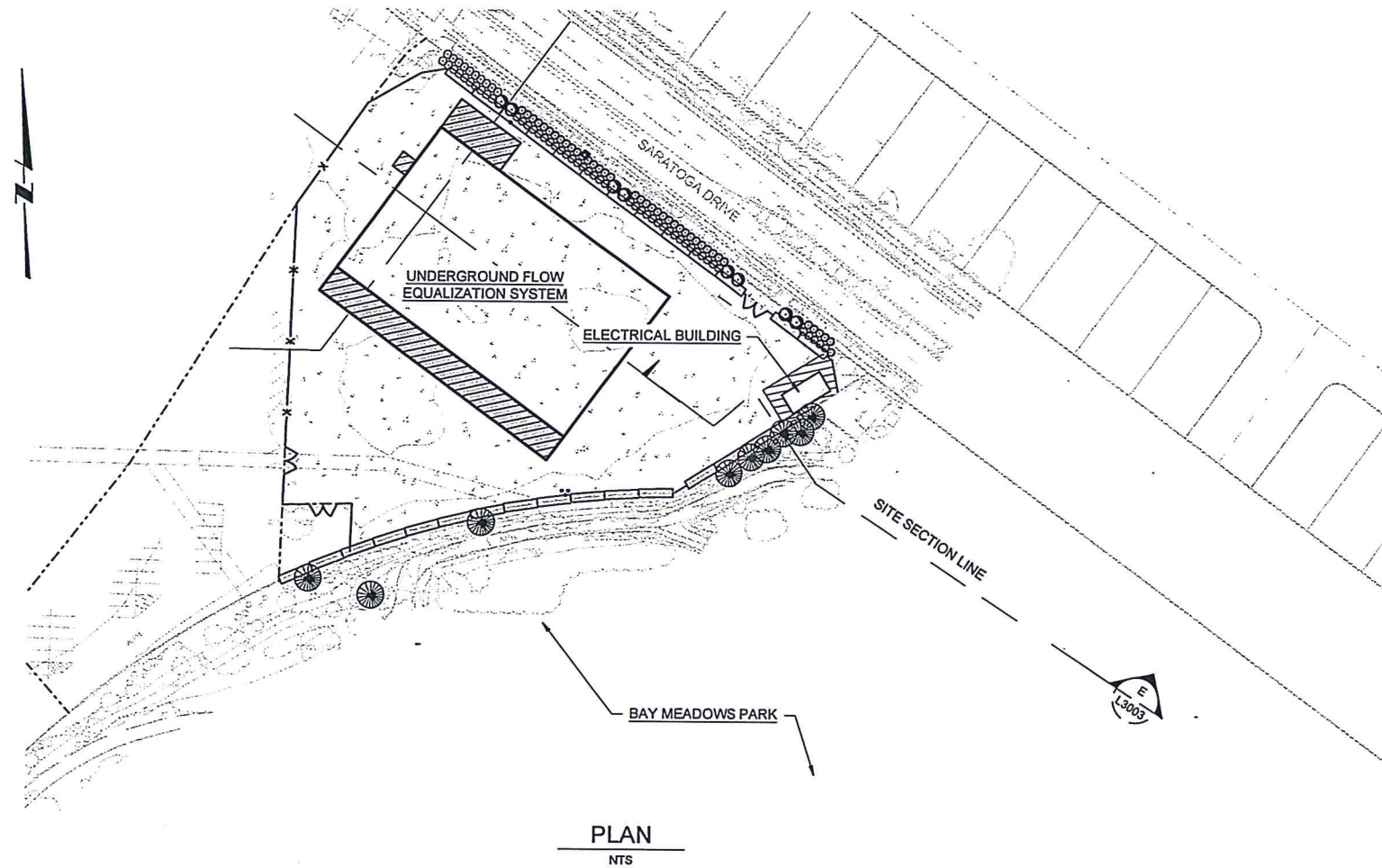
013-L-3002

SHEET **X** OF **XX**

BY: CARROLL, MATTHEW

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

DWG FILE: C:\pwworkdir\40450145\SUP_SMCWP_UFES_SITESECTIONS_b.dwg



SECTION
L2102 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	BY	DATE

90% DESIGN
NOT FOR
CONSTRUCTION

LANDSCAPE

SITE SECTIONS/ELEVATIONS

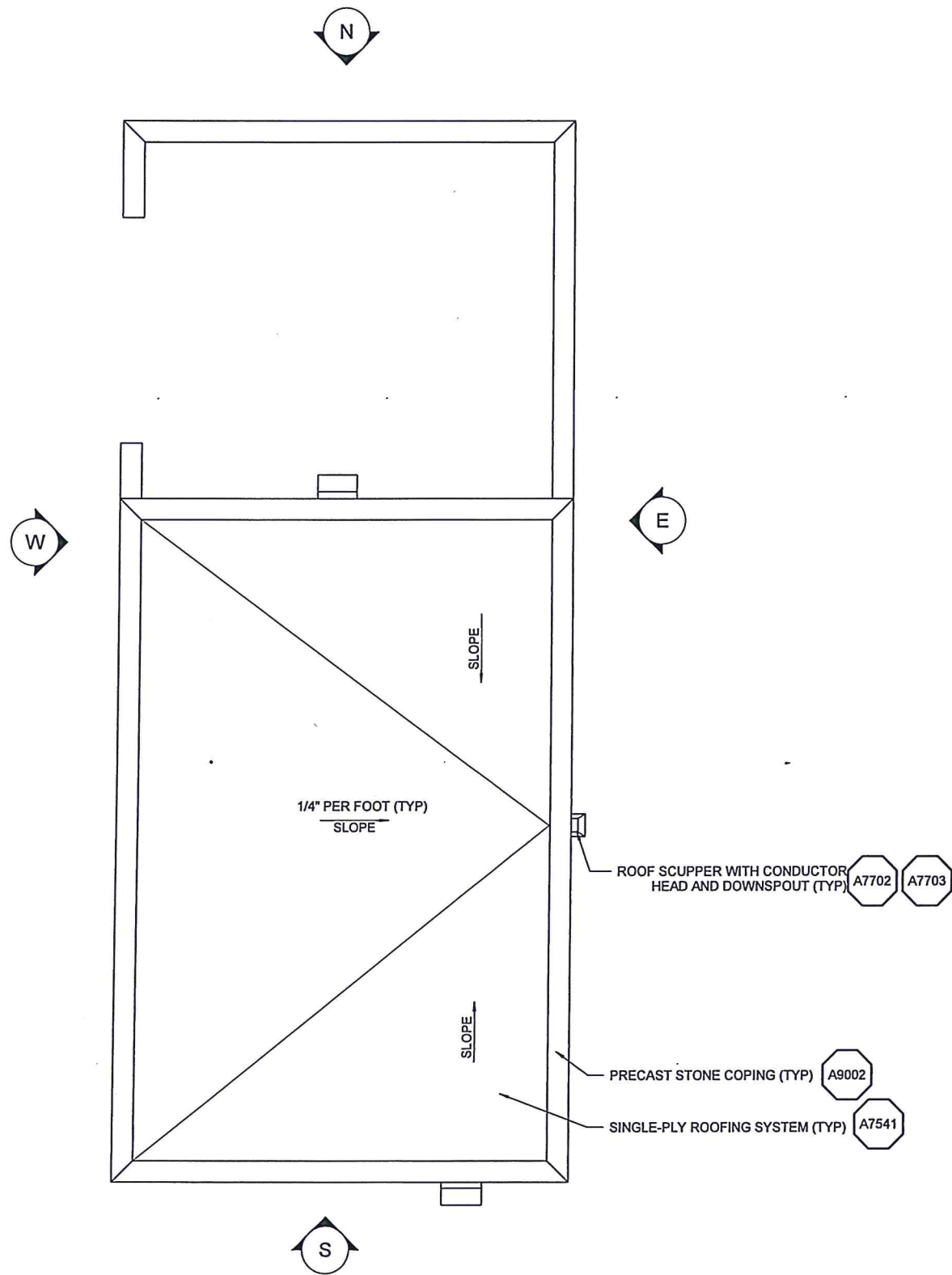
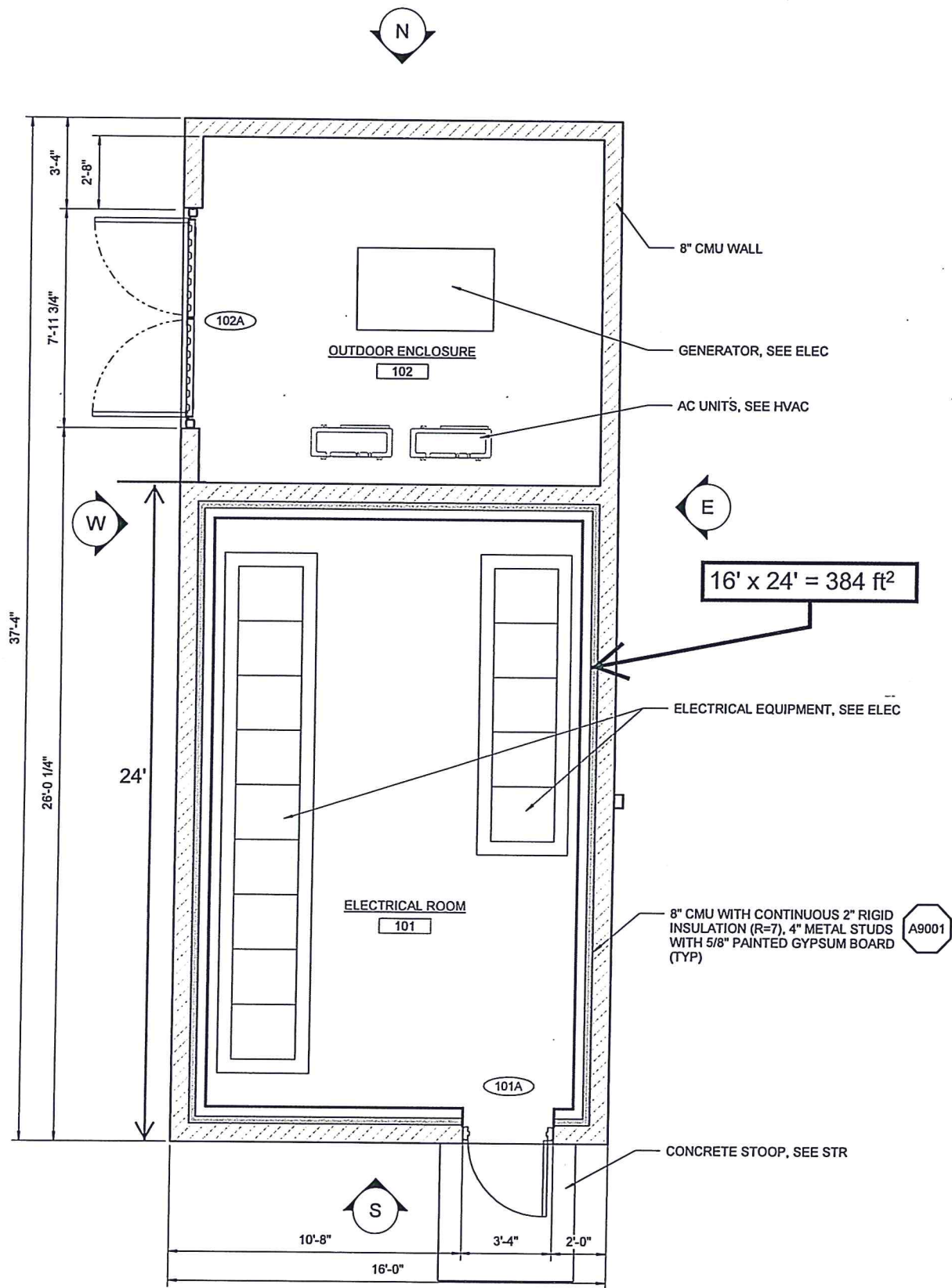
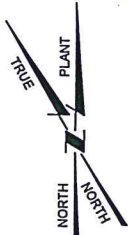
UFES PACKAGE

CITY PROJECT NO. 46S003

DESIGNED BY: CEO
DRAWN BY: MDC
QC CHECKED BY: XXX
PROJECT No: 46S003
SCALE: AS SHOWN
SUBMITTAL: 50%

013-L-3003

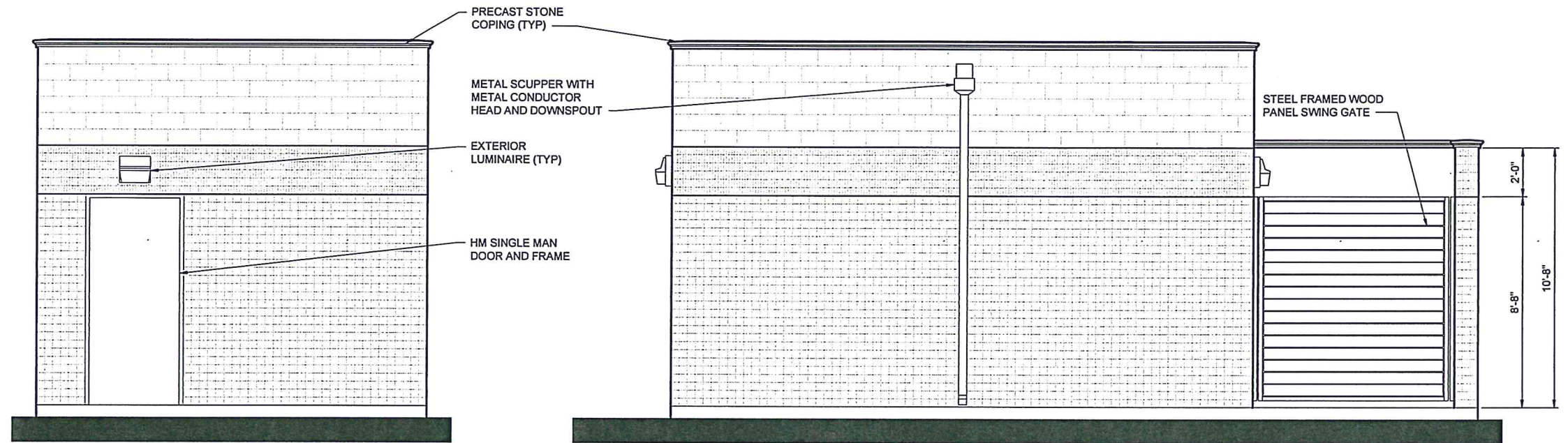
SHEET **X** OF **XX**



DESIGNED BY: EN	DATE: 08/10/18	DATE: 08/10/18	DATE: 08/10/18	DATE: 08/10/18	DATE: 08/10/18
DRAWN BY: EN	DATE: 08/10/18	DATE: 08/10/18	DATE: 08/10/18	DATE: 08/10/18	DATE: 08/10/18
QC CHECKED BY: Checkmate	DATE: 08/10/18	DATE: 08/10/18	DATE: 08/10/18	DATE: 08/10/18	DATE: 08/10/18
PROJECT No: 46S003	PROJECT No: 46S003	PROJECT No: 46S003	PROJECT No: 46S003	PROJECT No: 46S003	PROJECT No: 46S003
SCALE: 3/8" = 1'-0"	SCALE: 3/8" = 1'-0"	SCALE: 3/8" = 1'-0"	SCALE: 3/8" = 1'-0"	SCALE: 3/8" = 1'-0"	SCALE: 3/8" = 1'-0"
SUBMITTAL: 60%	SUBMITTAL: 60%	SUBMITTAL: 60%	SUBMITTAL: 60%	SUBMITTAL: 60%	SUBMITTAL: 60%
013-A-2101					
SHEET ____ OF ____					

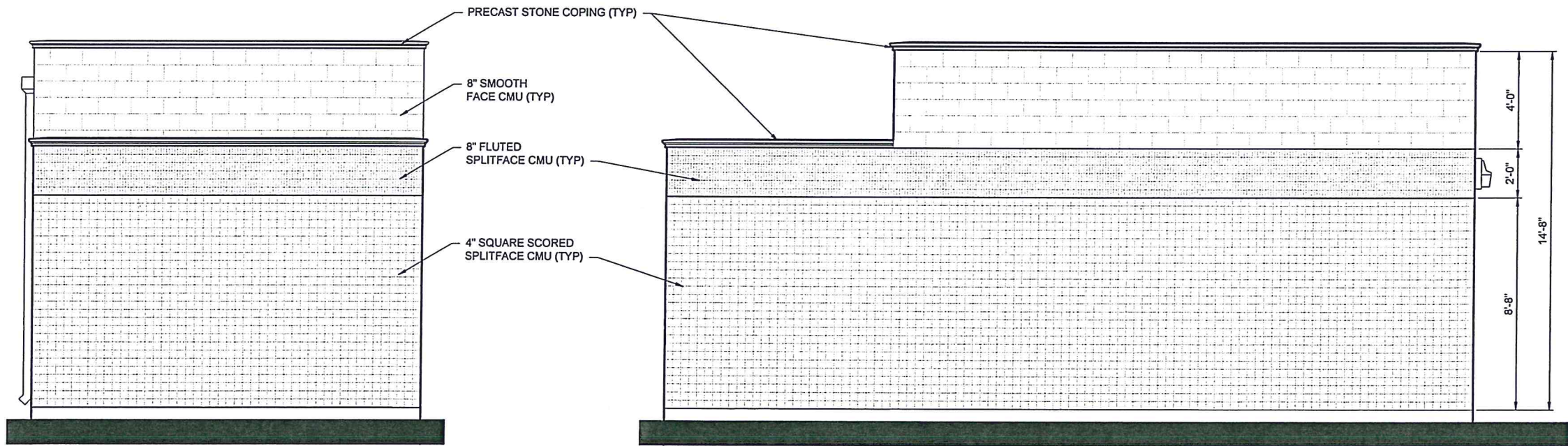
60% DESIGN
NOT FOR
CONSTRUCTION

ARCHITECTURAL
FLOOR AND ROOF PLANS
UFES PACKAGE
CITY PROJECT NO. 46S003



NORTH ELEVATION
SCALE: 1/32" = 1'-0"

WEST ELEVATION
SCALE: 1/32" = 1'-0"



SOUTH ELEVATION
SCALE: 1/32" = 1'-0"

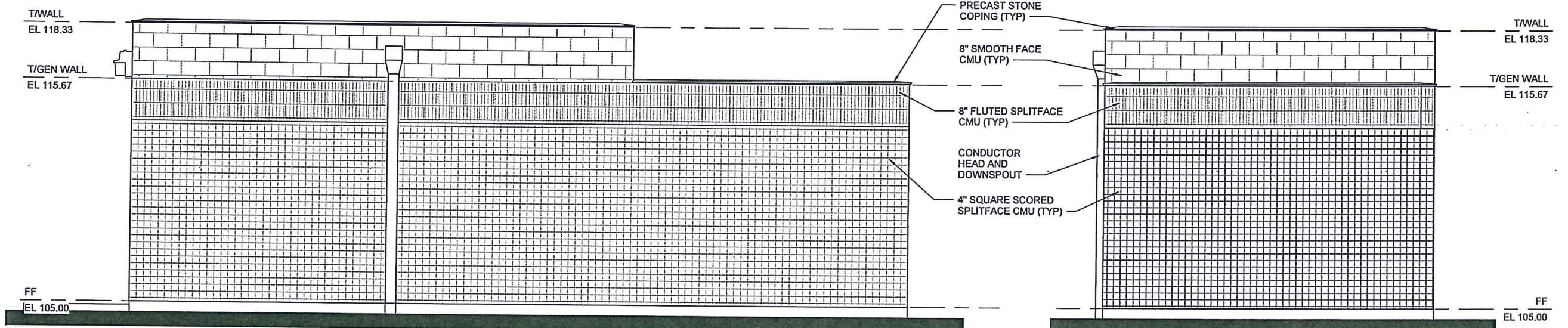
EAST ELEVATION
SCALE: 1/32" = 1'-0"

DESIGNED BY: CEY	DATE: 05/03/2018	BY	DATE
DRAWN BY: EN	DATE: 05/03/2018	DESCRIPTION	
QC CHECKED BY: XXX	DATE: 05/03/2018	REV. NO.	
PROJECT No. 46S003			
SCALE: NO SCALE			
SUBMITTAL: 30%			
XXX-X-XXXX			
SHEET 1 OF XX			
ARCHITECTURAL EXTERIOR ELEVATIONS CONCEPTUAL UNDERGROUND FLOW EQUALIZATION SYSTEM PACKAGE CITY PROJECT NO. 46S003			
30% DESIGN NOT FOR CONSTRUCTION			

DATE: 9/12/2018 1:54:15 PM

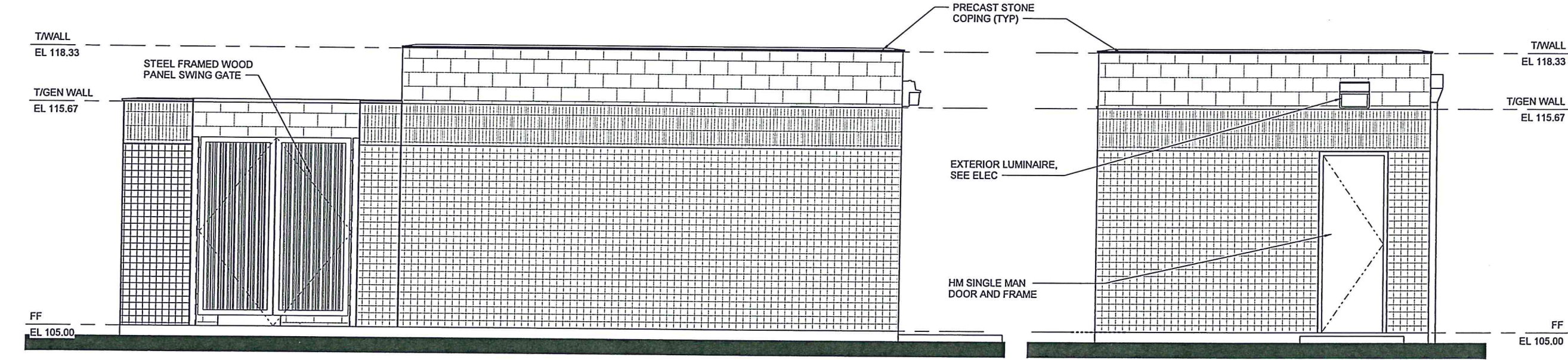
USER: EN

B:\0309161\SMCWP-A-ZSPN03.rvt



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

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



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

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

REV. NO.	DESCRIPTION	BY	DATE



60% DESIGN
NOT FOR
CONSTRUCTION

ARCHITECTURAL
EXTERIOR ELEVATIONS

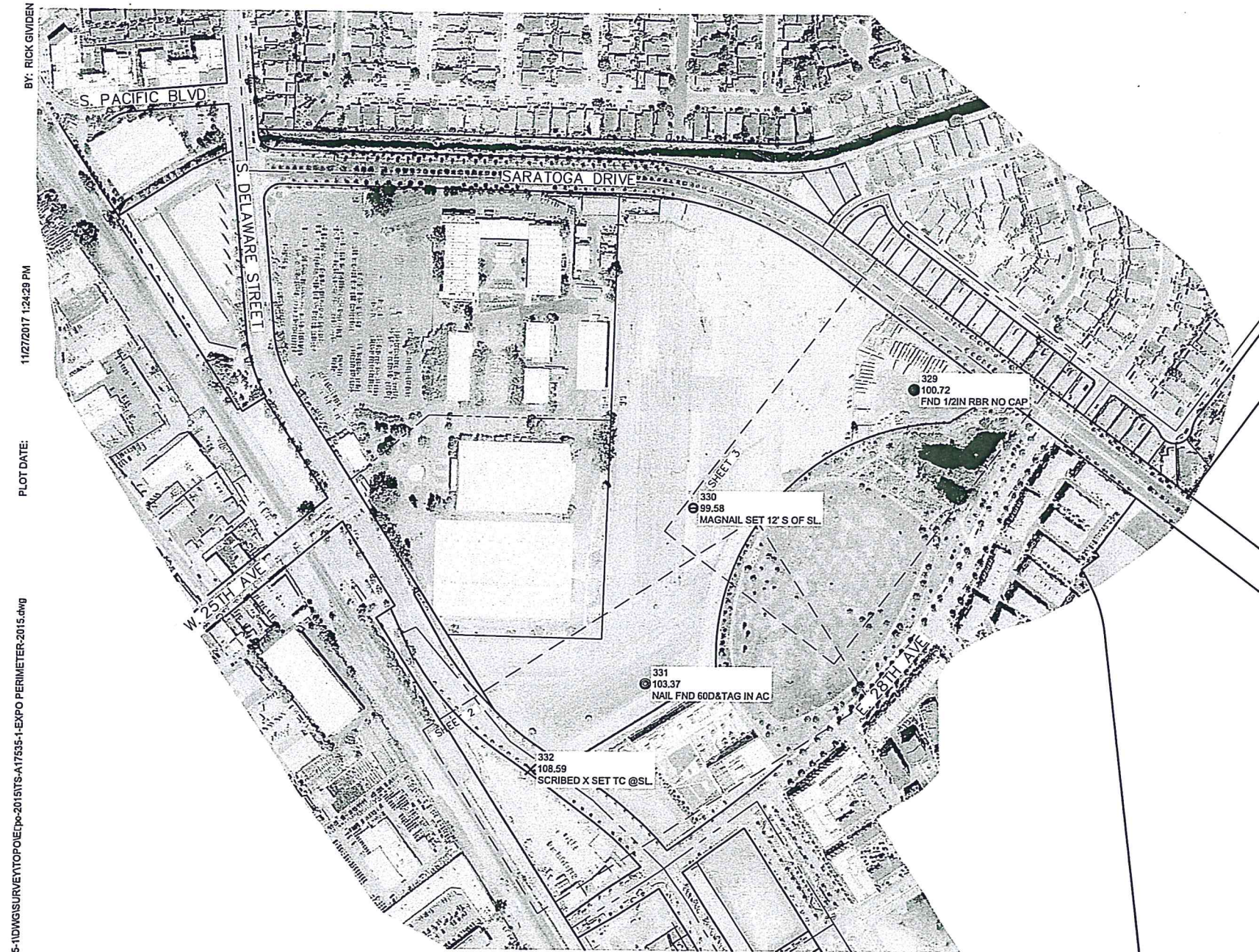
UFES PACKAGE
CITY PROJECT NO. 46S003



DESIGNED BY: EN	DATE: 08/10/18
DRAWN BY: EN	DATE: 08/10/18
QC CHECKED BY: Checkmate	
PROJECT No: 46S003	
SCALE: 3/8" = 1'-0"	
SUBMITTAL: 60%	

013-A-3101

SHEET ____ OF ____



AD	AREA DRAIN	MH	MANHOLE
BBO	BARBEQUE	MON	MONUMENT
BC	BACK OF CURB	N+S	NAIL & SHINKER
BFC	BACK FLOW PREVENTER	NW	MONITORING WELL
BLRD	BOLLARD	N	NORTH
BR	BIKE RACK	NE	NORTH EAST
BTM	BOTTOM	NW	NORTH WEST
BW	BACK OF WALK	PD	PEDESTIAN
CB	CABINET	PGE	PACIFIC GAS & ELECTRIC
CATV	CABLE TELEVISION	PH	POTHOLE
CB	CATCH BASIN	PIV	POST INDICATOR VALVE
CHS X	CHISELED CROSS	RE	RM ELEVATION
CONC	CLEANOUT	RSR	RISER
CONC	CONCRETE	S	SOUTH
CNTRL	CONTROL	S.P.	STAND PIPE
DI	DRAIN INLET	SD	STORM DRAIN
E	EAST	SOCO	UNKNOWN_ABBR
EB	ELECTRIC BOX	SOHJ	STORM DRAIN MANHOLE
EC	EDGE OF CONCRETE	SE	SOUTH EAST
ELEC/EZL	ELECTRICAL	SLB	STREET LIGHT BOX
EP	EDGE OF PAVEMENT	SS	SANITARY SEWER
ET	ELECTROLYSIS TEST STATION	SSCO	SANITARY SEWER CLEAN OUT
EY	ELECTRIC VAULT	SSJH	SANITARY SEWER MANHOLE
FA	FIRE ALARM	SWT	SOUTH WEST
FDC	FIRE DEPARTMENT CONNECTION	TB	TELEPHONE BOX
FL	FLOW LINE	TC	TOP OF CURB
FLD	FOUND	TD	TRENCH DRAIN
FOB	FIBER OPTIC BOX	TJH	TELEPHONE MANHOLE
GAS	GAS LINE	TSB	TRAFFIC SIGNAL BOX
GB	GRADE BREAK	UL	UNKNOWN UTILITY BOX
G1	GREASE INTERCEPTOR	UTL	UTILITY
GV	GAS VALVE	VLV	VALVE
IB	IRRIGATION BOX	W	WEST
ID	IDENTIFICATION	WB	WATER BOX
IE	INVERT ELEVATION	WM	WATER METER
IP	IRON PIPE	WMH	WATER MANHOLE
MB	MAIL BOX	WTR	WATER
MAG+TAG	MAGNESIUM NAIL & TAG	WY	WATER VALVE

	ASPHALT BERM
	BUILDING LINE
	CONCRETE/BLOCK/RETAINING WALL
	CONCRETE CURB
	CONCRETE CURB & CUTTER
	CONTOUR LINE
	OBSCURED CONTOUR LINE
	DRIVEWAY
	CHAINLINK FENCE LINE
	WOOD FENCE LINE
	LOT LINE
	MONUMENT/MONUMENT LINE
	PROPERTY LINE
	SIDEWALK
	SPOT ELEVATION
	AREA DRAIN
	CATCH BASIN
	CURB INLET
	CABLE TV/BSION BOX
	ELECTRIC BOX
	ELECTRIFIER
	FIRE HYDRANT
	GAS METER
	GAS VALVE
	IRRIGATION VALVE
	JOINT POLE/POWER POL
	STORM DRAIN MANHOLE
	SANITARY SEWER BOX
	SANITARY SEWER CLEANOUT
	SANITARY SEWER MANHOLE
	TELEPHONE BOX
	UNKNOWN UTILITY BOX
	WATER FAUCET/SPIGOT
	WATER METER
	WATER VALVE

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BBO	BARBEQUE	MON	MONUMENT
BC	BACK OF CURB	N+S	NAIL & SHINKER
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ID	IDENTIFICATION	WB	WATER BOX
IE	INVERT ELEVATION	WM	WATER METER
IP	IRON PIPE	WMH	WATER MANHOLE
MB	MAIL BOX	WTR	WATER
MAG+TAG	MAGNESIUM NAIL & TAG	WY	WATER VALVE

000-V-0000

SHEET 1 OF 3

