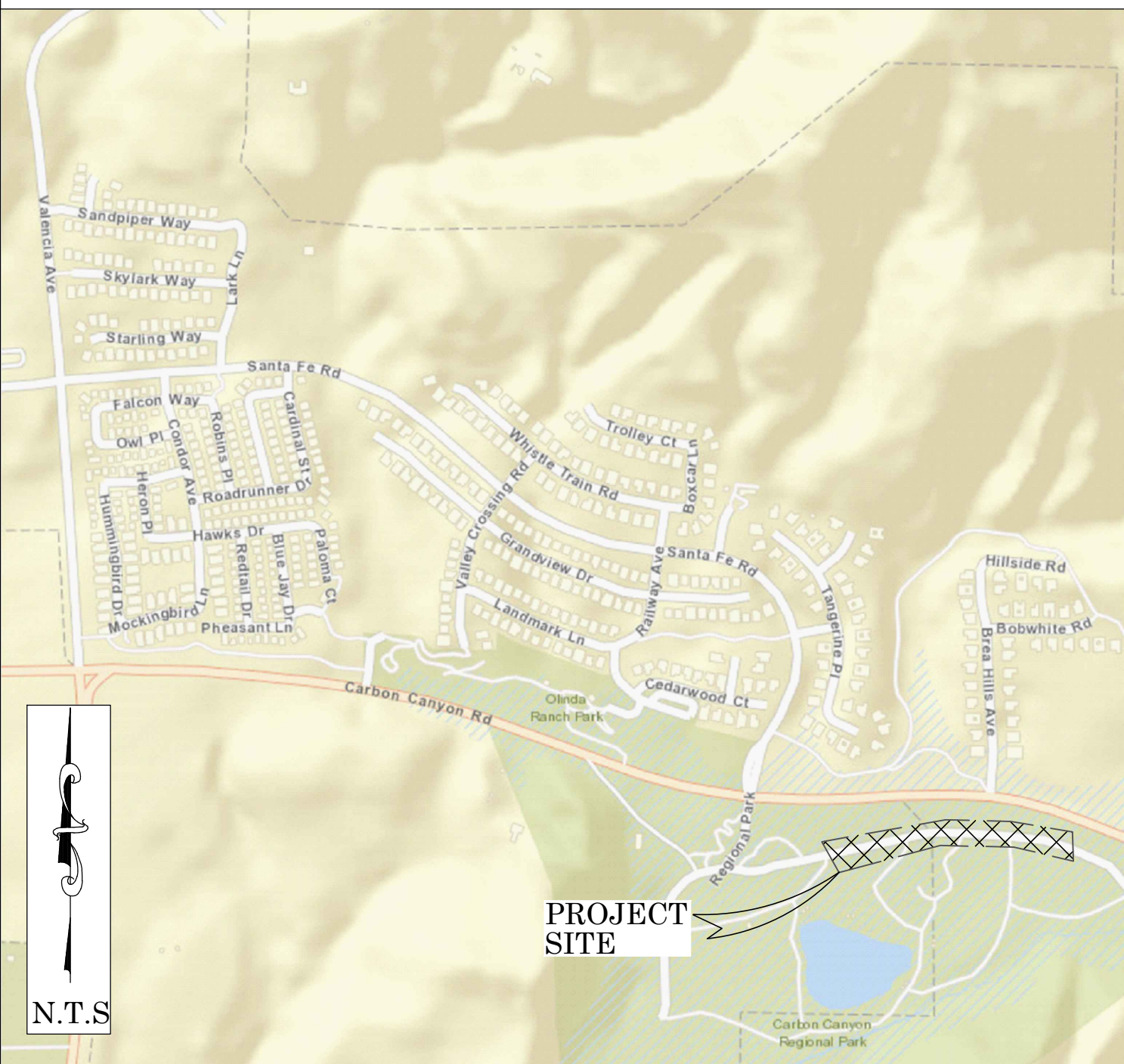




OC PUBLIC WORKS DEPARTMENT
JAMES TREADAWAY, DIRECTOR OF PUBLIC WORKS
KEVIN HILLS, COUNTY SURVEYOR
CACA ROADS & PARKING LOTS
AC OVERLAY EXTENSION PROJECT



LOCATION MAP



N.T.S.

SENIOR LAND SURVEYOR'S CERTIFICATE:

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH REQUIREMENTS OF THE PROFESSIONAL LAND SURVEYORS' ACT; THIS 15 DAY OF JUNE, 2023.

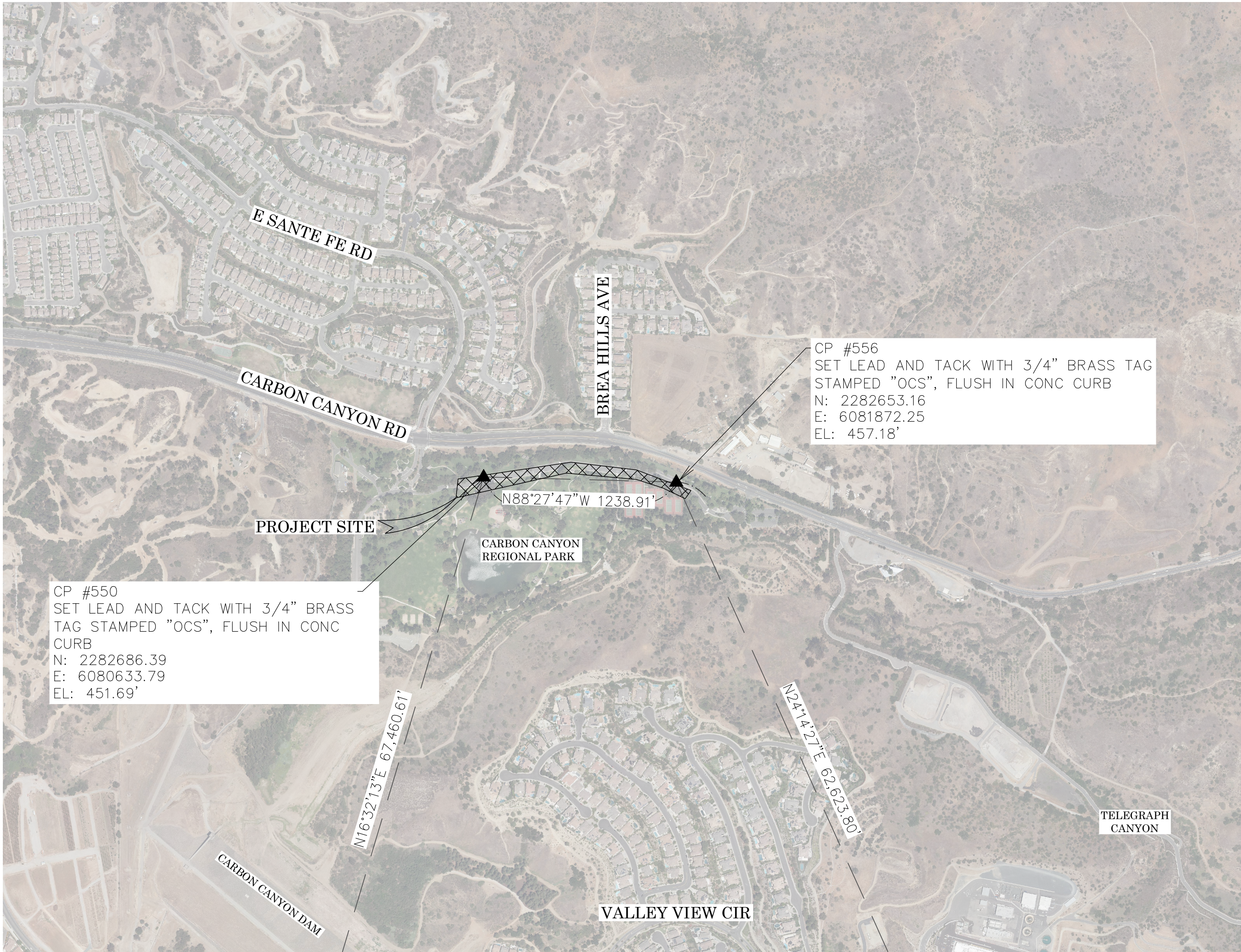
JESOM MORENO, PLS. SENIOR LAND SURVEYOR



SENIOR LAND SURVEYOR'S STATEMENT:

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH THE PROFESSIONAL LAND SURVEYORS' ACT; THIS 15 DAY OF JUNE, 2023.

ELLIOTT MEDINA, PLS. SENIOR LAND SURVEYOR



FOUND CGPS "SACY"
N: 2218016.19
E: 6061432.27

FOUND CGPS "OEOC"
N: 2225550.98
E: 6107583.77

BASIS OF BEARINGS
N80°43'39.27"E 46762.531'

TOPOGRAPHIC MAPPING PROJECT

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (2017.50) EPOCH ADJUSTMENT, AS DETERMINED LOCALLY BY A LINE BETWEEN CONTINUOUS GLOBAL POSITIONING STATIONS CGPS STATIONS (SACY) AND (OEOC) BEING NORTH 80°43'39.27" EAST AS DERIVED FROM THE COORDINATES PUBLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER (CSRC) ALONG WITH DATA SHEETS ON FILE IN THE OFFICE OF THE ORANGE COUNTY SURVEYOR.

HORIZONTAL DATUM

COORDINATES SHOWN ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (2017.50) EPOCH ADJUSTMENT.

ALL DISTANCES SHOWN ARE GRID, UNLESS OTHERWISE NOTED. TO OBTAIN GROUND DISTANCES MULTIPLY GRID BY A COMBINED FACTOR OF 1.00000990

THIS COMBINATION FACTOR WAS HELD AT: CP# 553 (AS SHOWN ON SHEET 5)
N: 2282752.51' E: 6081285.12' EL: 454.83'

ALL DISTANCES ARE BASED ON THE U.S. SURVEY FOOT.

VERTICAL DATUM

O.C.S. BM. 2L-30-14 ELEV. = 467.717' YEAR LEVELED: 2014

NAVD 1988 (O.C.S. 1995 ADJUSTMENT)

DESCRIPTION: FOUND 4" ALUMINUM BENCHMARK DISK STAMPED "2L-30-14" NORTH SIDE OF LAMBERT RD. 0.5 MILES EAST OF THE INTERSECTION AT VALENCIA, ADJACENT TO A MONUMENT SIGN INSCRIBED BREA OLINDA RANCH PARK ON AN 8' CATCH BASIN, 4' FROM C.F.

NOTES

THE SURVEY INFORMATION SHOWN HEREON IS TO BE USED FOR TOPOGRAPHIC RELATIONSHIPS ONLY AND IS NOT INTENDED FOR LAND ACQUISITION OR BOUNDARY PURPOSES.

A BOUNDARY SURVEY WAS NOT PERFORMED AS A PART OF THIS SURVEY. RIGHT OF WAY, CENTERLINE, AND LOT LINES ARE FOR GRAPHICAL PURPOSES ONLY

SHEET INDEX

SHEET NO.	DESCRIPTION
SHEET 1	TITLE SHEET
SHEETS 2-7	TOPOGRAPHIC MAP

PURPOSE OF SURVEY

PROVIDE TOPOGRAPHIC SURVEY FOR DESIGN ON CURB AND WALKWAY ADJACENT TO PARKING STALLS ON SOUTH SIDE OF PARKING LOTS D AND E.

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
		CACA ROADS & PARKING LOTS AC OVERLAY EXTENSION PROJECT			
		TITLE SHEET			
		PROJECT LIMITS: FROM SOUTH SIDE OF PARKING LOT D & E WITHIN CARBON CANYON REGIONAL PARK			
		DATE OF SURVEY: 05/19/2023		BY: J. JOHNS & CREW	
		MAPPING		BY: R. CASANAVE	
		OFFICE CHECK		BY: E. MEDINA, PLS	
		FIELD CHECK		BY: J. JOHNS	
		SCALE: N.T.S.		W.O. #EC418245	
		FILE: CARBON_CANYON PARKING LOT.DWG		FILE #2223PW-CM0023	
MARK	DATE	ITEM	REVISIONS		
SHEET NO. 1 of 7					

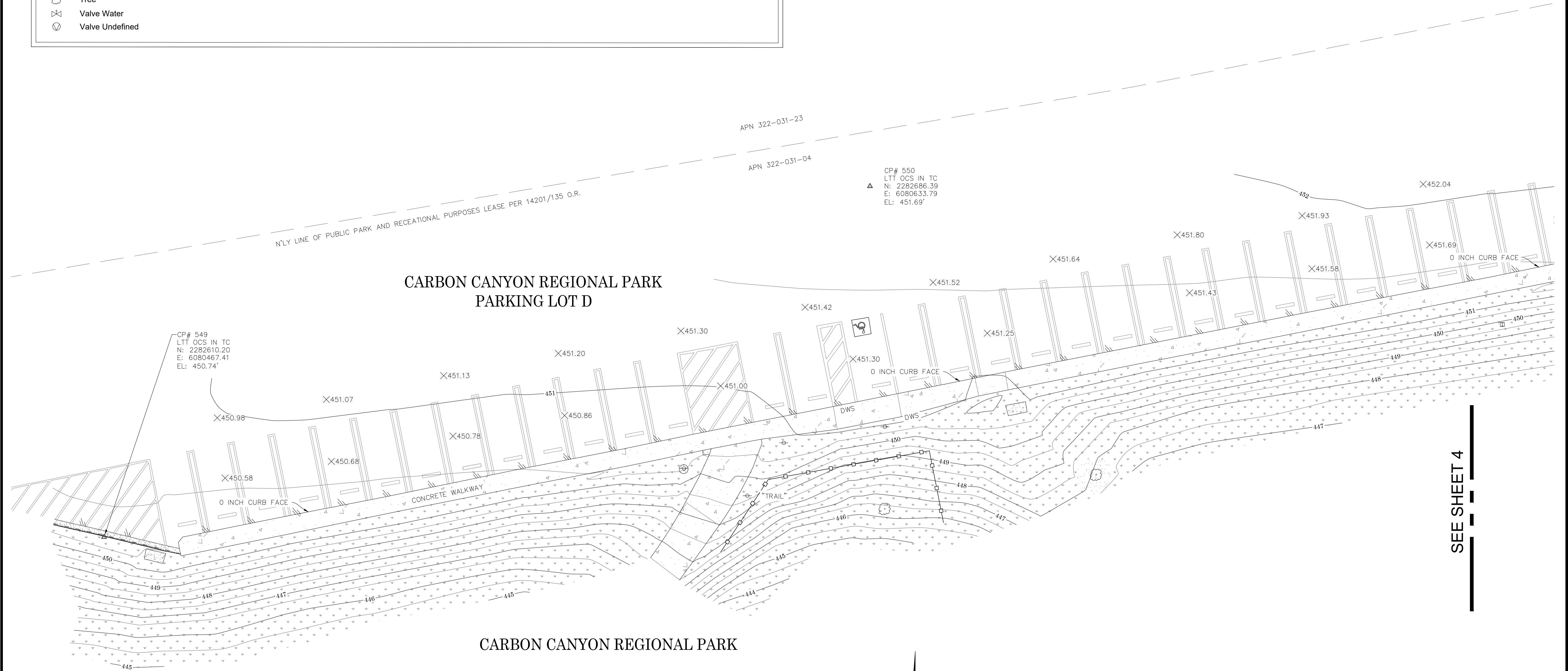
TOPOGRAPHIC MAP INDEX



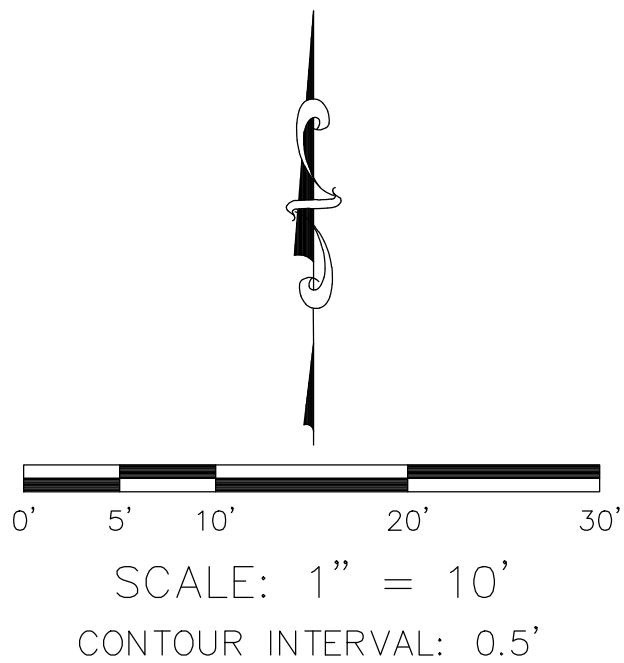
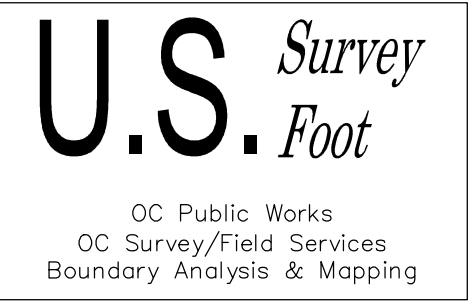
			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
			CACA ROADS & PARKING LOTS AC OVERLAY EXTENSION PROJECT		
			TOPOGRAPHIC MAP		
			PROJECT LIMITS: FROM SOUTH SIDE OF PARKING LOT D & E WITHIN CARBON CANYON REGIONAL PARK		
			DATE OF SURVEY: 05/19/2023		
MARK	DATE	ITEM	MAPPING		SHEET NO. 2 of 7
			OFFICE CHECK		
			FIELD CHECK		
			SCALE: 1"=50'		
			FILE: CARBON CANYON PARKING LOT.DWG		
REVISIONS			W.O. #EC418245		FILE # 22233PW-CM0023

LEGEND

SYMBOL	LINE PATTERN KEY	ABBREVIATION	AREA PATTERN KEY
		CONC Concrete	
		CP Control Point	
		DWS Detectable Warning Surface	
		EL Elevation	
		FS Finished Surface	
		FL Flowline	
		FD Found	
		INV Invert	
		SWK Sidewalk	
		TC Top of Curb	



SEE SHEET 4



				COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		CACA ROADS & PARKING LOTS AC OVERLAY EXTENSION PROJECT			
		TOPOGRAPHY SHEET 3			
		PROJECT LIMITS: FROM SOUTH SIDE OF PARKING LOT D & E WITHIN CARBON CANYON REGIONAL PARK			
		DATE OF SURVEY: 05/19/2023		BY: J. JOHNS & CREW	
		MAPPING		BY: R. CASANAVE	
		OFFICE CHECK		BY: E. MEDINA, PLS	
		FIELD CHECK		BY: J. JOHNS	
		SCALE: 1"=10'		W.O. #EC418245	
				FILE #2223PW-CM0023	
		FILE: CARBON CANYON PARKING LOT.DWG			
MARK	DATE	ITEM		SHEET NO. 3 of 7	
		REVISIONS			

LEGEND

SYMBOL

- | | |
|---|-----------------------|
|  | Control Box Undefined |
|  | Fire Hydrant |
|  | Light Pole, Double |
|  | Light Pole, Single |
|  | Manhole Sewer |
|  | Post |
|  | Pull Box Electrical |
|  | Pull Box Irrigation |
|  | Sign Post |
|  | Tree |
|  | Valve Water |
|  | Valve Undefined |

LINE PATTERN KEY

- | | |
|---|--------------------------|
|  | Centerline |
|  | Concrete Wall |
|  | Edge of Concrete |
|  | Edge of Asphalt Pavement |
|  | Fence Wood |
|  | Flowline |
|  | Striping |

ABBREVIATION

- | | |
|------|----------------------------|
| CONC | Concrete |
| CP | Control Point |
| DWS | Detectable Warning Surface |
| EL | Elevation |
| FS | Finished Surface |
| FL | Flowline |
| FD | Found |
| INV | Invert |
| SWK | Sidewalk |
| TC | Top of Curb |

AREA PATTERN KEY

-

SEE SHEET 3

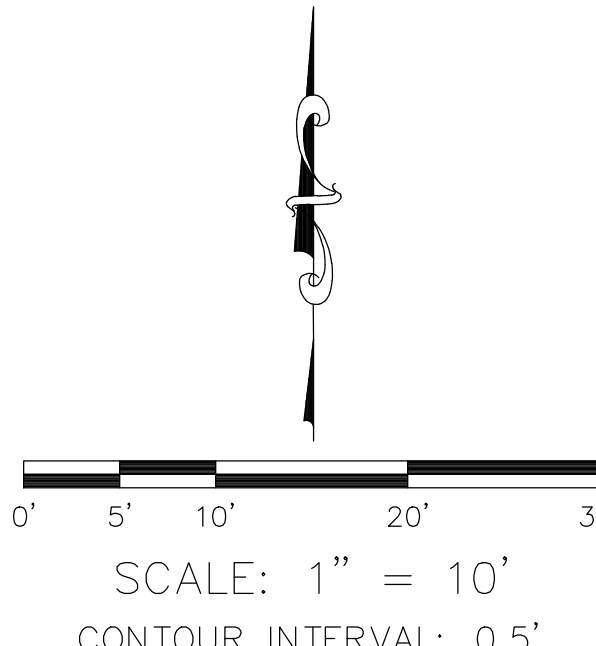
N'LY LINE OF PUBLIC PARK AND RECREATIONAL PURPOSES LEASE PER 14201/135 O.R.

CARBON CANYON REGIONAL PARK PARKING LOT D

CARBON CANYON REGIONAL PARK

-CP# 551
 LTT OCS IN CONC SW
 N: 2282697.14
 E: 6080987.72
 EL: 451.69'

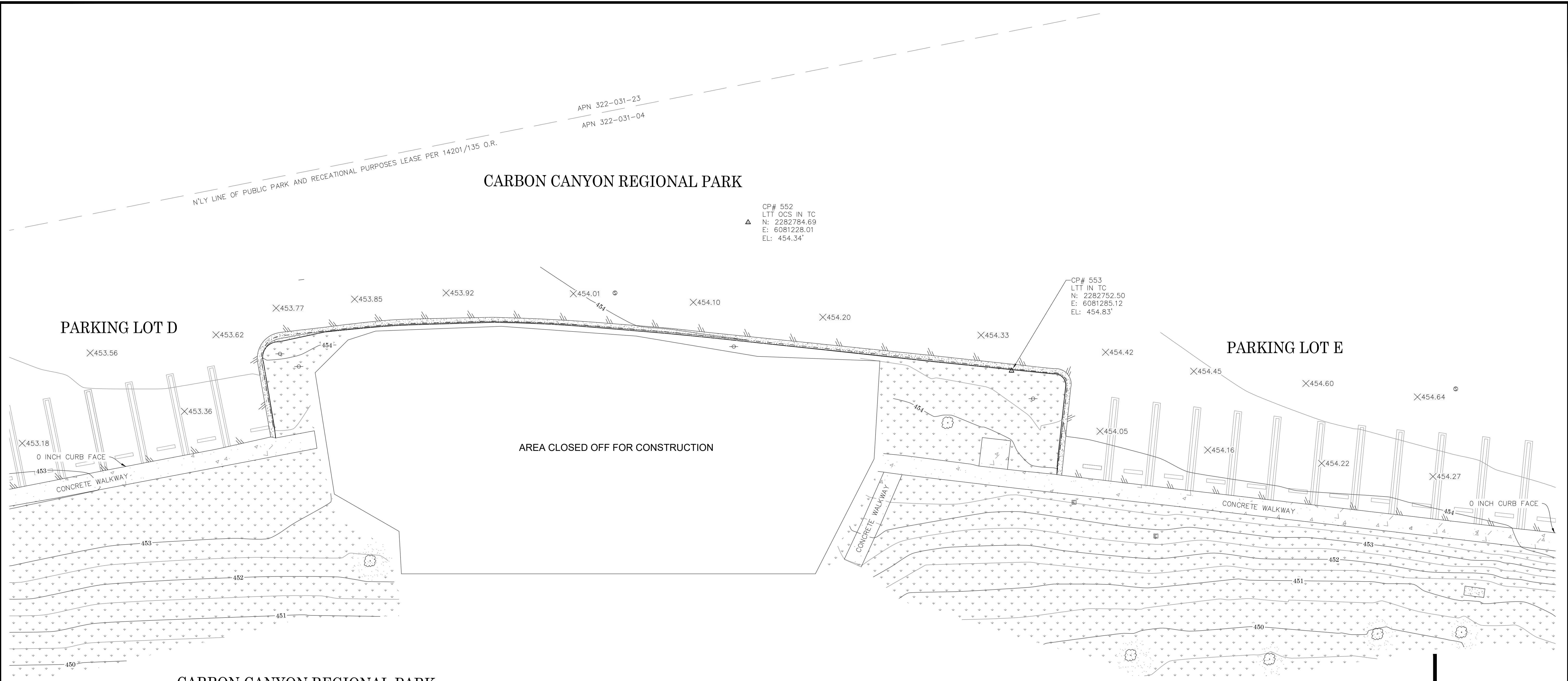
SEE SHEET 5



U.S. *Survey Foot*

OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
CACA ROADS & PARKING LOTS AC OVERLAY EXTENSION PROJECT						
TOPOGRAPHY SHEET 4						
PROJECT LIMITS: FROM SOUTH SIDE OF PARKING LOT D & E WITHIN CARBON CANYON REGIONAL PARK						
DATE OF SURVEY: 05/19/2023				BY: J. JOHNS & CREW		SHEET NO. 4 of 7
MAPING				BY: R. CASANAVE		
OFFICE CHECK				BY: E. MEDINA, PLS		
FIELD CHECK				BY: J. JOHNS		
SCALE: 1" = 10'				FILE # 2223PW-CM0023		
MARK		DATE		ITEM		
REVISIONS						



CARBON CANYON REGIONAL PARK

CARBON CANYON REGIONAL PARK

AREA CLOSED OFF FOR CONSTRUCTION

PARKING LOT D

PARKING LOT E

LEGEND

SYMBOL

- Control Box Undefined
- Fire Hydrant
- Light Pole, Double
- Light Pole, Single
- Manhole Sewer
- Post
- Pull Box Electrical
- Pull Box Irrigation
- Sign Post
- Tree
- Valve Water
- Valve Undefined

LINE PATTERN KEY

- Centerline
- Concrete Wall
- Edge of Concrete
- Edge of Asphalt Pavement
- Fence Wood
- Flowline
- Striping

ABBREVIATION

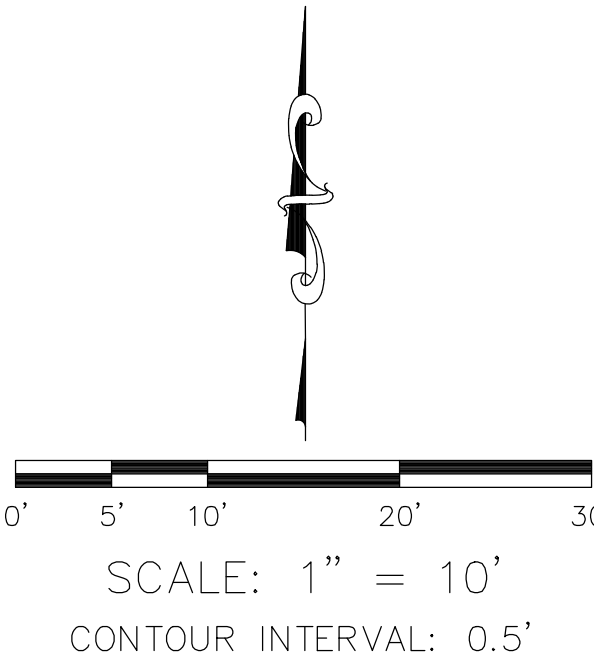
- CONC Concrete
- CP Control Point
- DWS Detectable Warning Surface
- EL Elevation
- FS Finished Surface
- FL Flowline
- FD Found
- INV Invert
- SWK Sidewalk
- TC Top of Curb

AREA PATTERN KEY

- Concrete
- Dirt
- Grass

U.S. Survey
Foot

OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping



SEE SHEET 4

SEE SHEET 6

				COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		CACA ROADS & PARKING LOTS AC OVERLAY EXTENSION PROJECT			
		TOPOGRAPHY SHEET 5			
		PROJECT LIMITS: FROM SOUTH SIDE OF PARKING LOT D & E WITHIN CARBON CANYON			
		REGIONAL PARK			
		DATE OF SURVEY: 05/19/2023		BY: J. JOHNS & CREW	
		MAPPING		BY: R. CASANAVE	
		OFFICE CHECK		BY: E. MEDINA, PLS	
		FIELD CHECK		BY: J. JOHNS	
		SCALE: 1"= 10'		W.O. #EC418245	
		FILE: CARBON CANYON PARKING LOT.DWG		FILE # 2223PW-CM0023	
MARK	DATE	ITEM		SHEET NO. 5 of 7	
REVISIONS					

