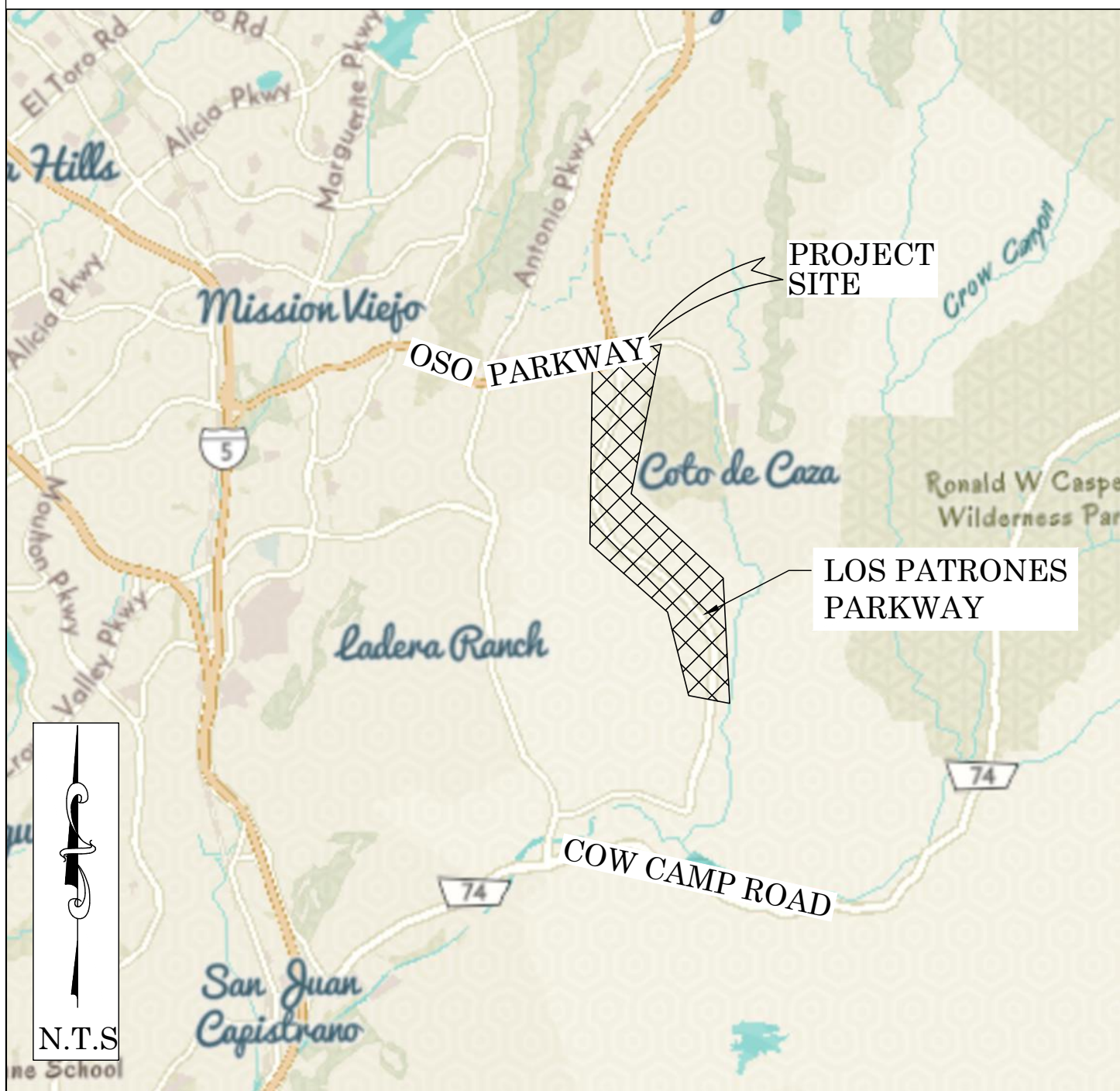




OC PUBLIC WORKS DEPARTMENT
KEVIN ONUMA, INTERIM DIRECTOR OF PUBLIC WORKS
LOS PATRONES PARKWAY
SAFETY IMPROVEMENTS



LOCATION MAP



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 10 DAY OF JANUARY, 2025.

Elliott Medina

ELLIOTT MEDINA, PLS. SENIOR LAND SURVEYOR



SENIOR LAND SURVEYOR'S STATEMENT:

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH THE PROFESSIONAL LAND SURVEYORS' ACT; THIS 10 DAY OF JANUARY, 2025.

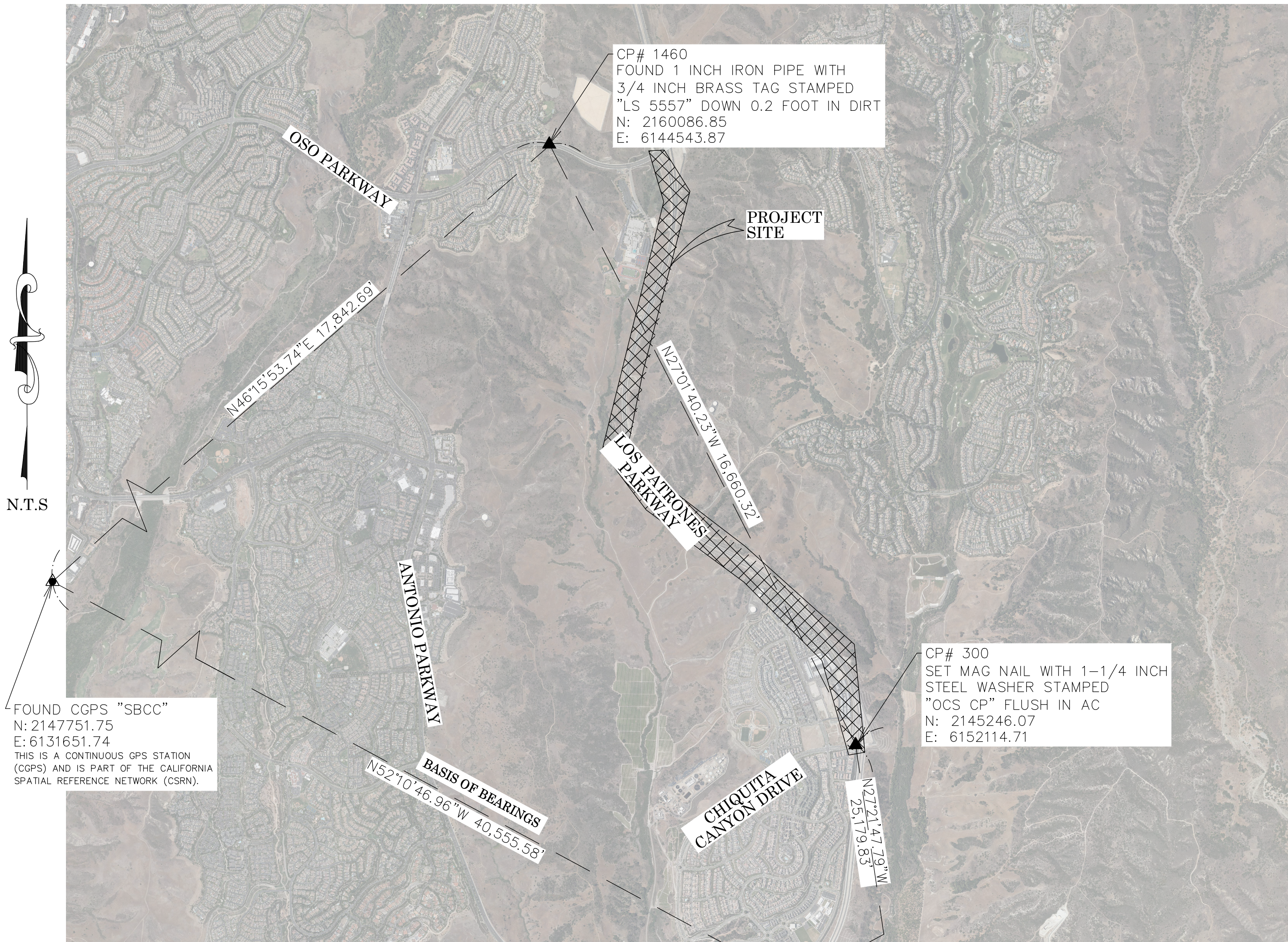
David Bush

DAVID BUSH, PLS. SENIOR LAND SURVEYOR



U.S. Survey
Foot

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



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 "RMVJ" AND "SBCC" BEING NORTH 52°10'46.96" 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 1.00006711.

THIS COMBINATION FACTOR WAS HELD AT: CP# 1460
N: 2160086.85 E: 6144543.87 EL: 760.00'

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

VERTICAL DATUM

O.C.S. BM. 3EE-24-91 ELEV. = 756.043' YEAR LEVELED: 1992

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

DESCRIPTION: FOUND 3 3/4" OCS ALUMINUM BENCHMARK DISK STAMPED "3EE-24-91", SET IN THE NORTHWESTERLY CORNER OF A CONCRETE HEADWALL. MONUMENT IS LOCATED ALONG THE SOUTHERLY SIDE OF OSO PARKWAY, 0.35 MILES EASTERLY OF THE CENTERLINE OF MEANDERING TRAIL AND 75 FT. SOUTHERLY OF THE CENTERLINE OF OSO PARKWAY. MONUMENT IS SET 4 FT. BELOW THE SURFACE OF OSO PARKWAY.

NOTES

THE SURFACE AND FEATURES SHOWN HEREON WERE DERIVED BY A COMBINATION OF UAV PHOTOGRAMMETRY & CONVENTIONAL SURVEYING METHODS.

A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.

SHEET INDEX

SHEET	NO.	DESCRIPTION
SHEET 1	1	TITLE SHEET
SHEET 2	2	SHEET INDEX
SHEETS 3-37	3-37	TOPOGRAPHIC MAP

BASIS OF STATIONING

CONSTRUCTION CENTERLINE (C/L) WAS DERIVED FROM THE HUITT-ZOLLARS DESIGN CAD FILES OF LOS PATRONES PARKWAY, STATION 9+65.00 WAS HELD AT THE APPARENT INTERSECTION OF COW CAMP AND LOS PATRONES PARKWAY.

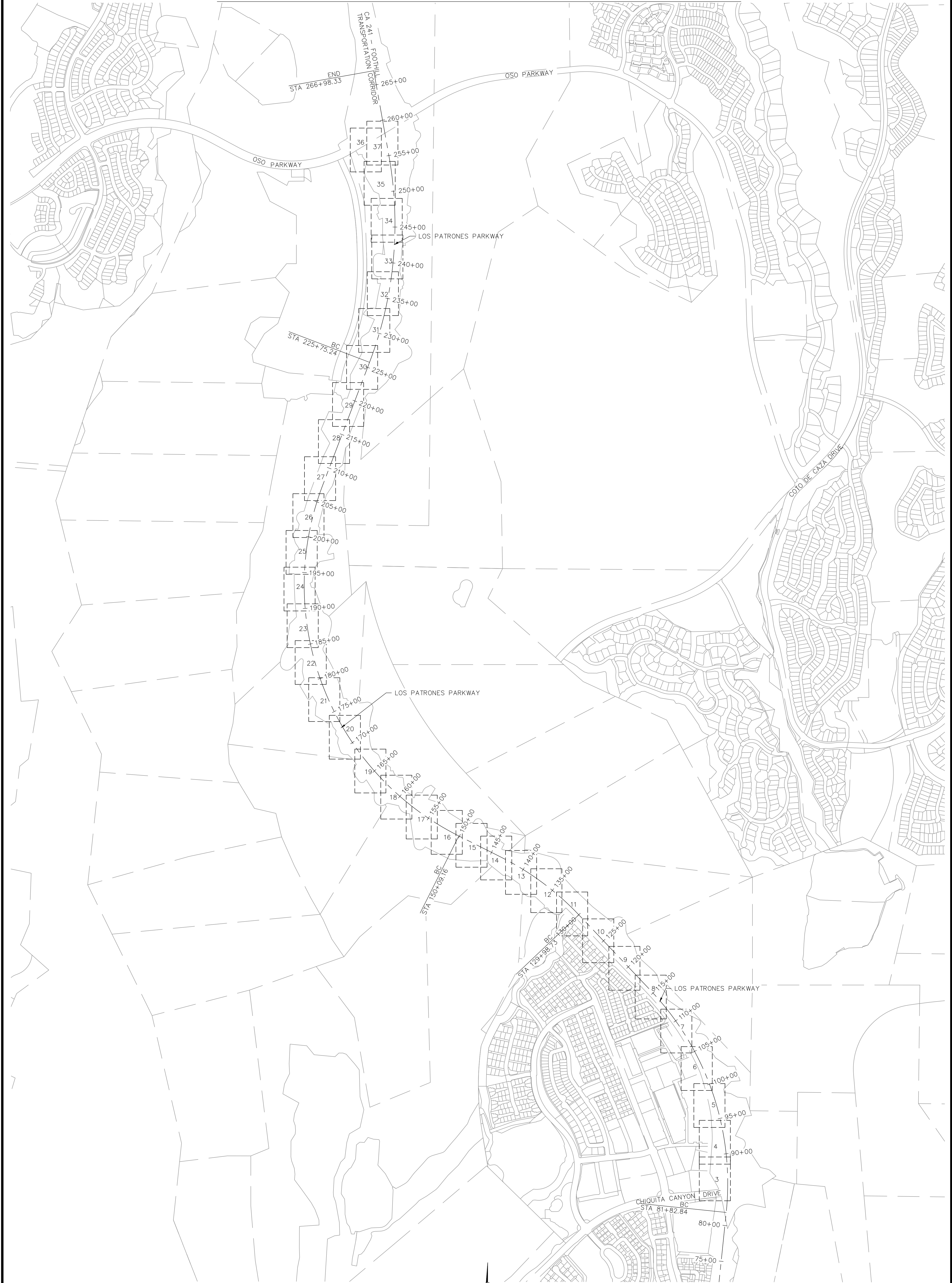
PURPOSE OF SURVEY

TO PROVIDE A TOPOGRAPHIC SURVEY OF THE WESTERLY PORTION OF LOS PATRONES PARKWAY BETWEEN OSO PARKWAY AND CHIQUITA CANYON ROAD

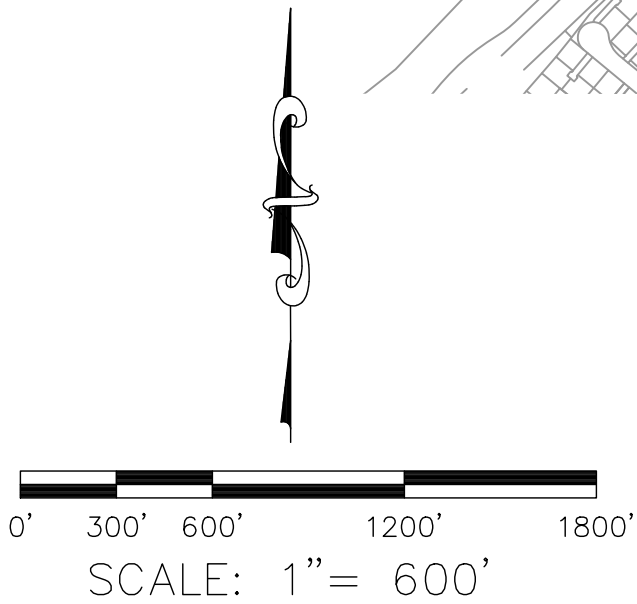
TOPOGRAPHIC MAPPING PROJECT

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		LOS PATRONES PARKWAY SAFETY IMPROVEMENTS	
		TITLE SHEET	
		PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE TO OSO PARKWAY	
		DATE OF SURVEY: 10/28/2024	BY: MARTINEZ & CREW
		MAPPING	BY: K. MARTINEZ, LSIT
		OFFICE CHECK	BY: D. BUSH, PLS.
		FIELD CHECK	BY: MARTINEZ & CREW
		SCALE: N.T.S.	W.O. #E024007S
		FILE: #2425PW-CM0007	
		FILE: LOS PATRONES PKWY TOPO 2024.DWG	
MARK	DATE	ITEM	
REVISIONS			
			SHEET NO. 1 of 37

TOPOGRAPHIC MAP SHEET INDEX

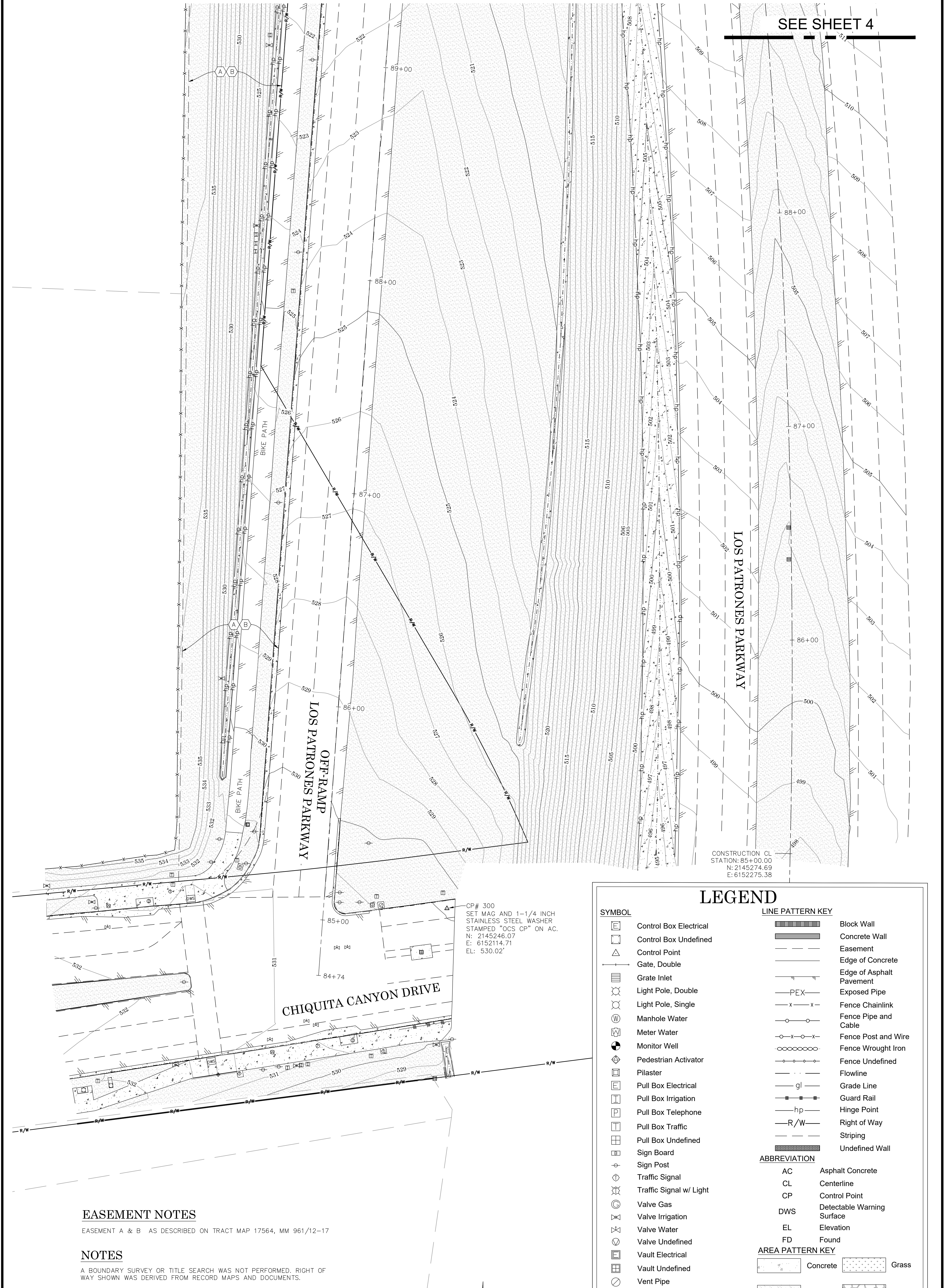


U.S. Survey
Foot
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping



			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			LOS PATRONES PARKWAY SAFETY IMPROVEMENTS			
			TOPOGRAPHIC MAP			
			PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE TO OSO PARKWAY			
			DATE OF SURVEY: 10/28/2024		BY: MARTINEZ & CREW	
			MAPPING		BY: K. MARTINEZ, LSIT	
			OFFICE CHECK		BY: D. BUSH, PLS	
			FIELD CHECK		BY: MARTINEZ & CREW	
MARK	DATE	ITEM	SCALE: 1" = 600'		W.O. #E024007S	FILE #2425PW-CM0007
REVISIONS			FILE: LOS PATRONES PKWY TOPO 2024.DWG			

SHEET NO. 2 of 37



SEE SHEET 4

LOS PATRONES PARKWAY

OFF-RAMP
LOS PATRONES PARKWAY

CHIQUITA CANYON DRIVE

CONSTRUCTION CL
STATION: 85+00.00
N: 2145274.69
E: 6152275.38

CP# 300
SET MAG. AND 1-1/4" INCH
STAINLESS STEEL WASHER
STAMPED "OCS CP" ON AC.
N: 2145246.07
E: 6152114.71
EL: 530.02'

EASEMENT NOTES

EASEMENT A & B AS DESCRIBED ON TRACT MAP 17564, MM 961/12-17

NOTES

A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.

LEGEND

SYMBOL

- Control Box Electrical
- Control Box Undefined
- Control Point
- Gate, Double
- Grate Inlet
- Light Pole, Double
- Light Pole, Single
- Manhole Water
- Meter Water
- Monitor Well
- Pedestrian Activator
- Pilaster
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Telephone
- Pull Box Traffic
- Pull Box Undefined
- Sign Board
- Sign Post
- Traffic Signal
- Traffic Signal w/ Light
- Valve Gas
- Valve Irrigation
- Valve Water
- Valve Undefined
- Vault Electrical
- Vault Undefined
- Vent Pipe

LINE PATTERN KEY

- Block Wall
- Concrete Wall
- Easement
- Edge of Concrete
- Edge of Asphalt Pavement
- Exposed Pipe
- Fence Chainlink
- Fence Pipe and Cable
- Fence Post and Wire
- Fence Wrought Iron
- Fence Undefined
- Flowline
- Grade Line
- Guard Rail
- Hinge Point
- Right of Way
- Striping
- Undefined Wall

ABBREVIATION

- AC Asphalt Concrete
- CL Centerline
- CP Control Point
- DWS Detectable Warning Surface
- EL Elevation
- FD Found

AREA PATTERN KEY

- Concrete
- Grass
- Dirt
- Rip Rap

U.S. Survey
Foot
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping

0' 10' 20' 40' 60'

SCALE: 1" = 20'

CONTOUR INTERVAL: 1'

COUNTY OF ORANGE
OC PUBLIC WORKS
OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING

LOS PATRONES PARKWAY
SAFETY IMPROVEMENTS

TOPOGRAPHIC MAP

PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE

TO OSO PARKWAY

DATE OF SURVEY: 10/28/2024

BY: MARTINEZ & CREW

BY: K. MARTINEZ, LSIT

OFFICE CHECK

BY: D. BUSH, PLS

FIELD CHECK

BY: MARTINEZ & CREW

SCALE: 1" = 20'

W.O. #EQ240075

FILE #2425PW-CM0007

FILE: LOS PATRONES PKWY TOPO 2024.DWG

SHEET NO.

3

of

37

REVISIONS

SEE SHEET 5

LEGEND

SYMBOL	LINE PATTERN KEY	
		Block Wall
		Concrete Wall
		Easement
		Edge of Concrete
		Edge of Asphalt Pavement
		Exposed Pipe
		Fence Chainlink
		Fence Pipe and Cable
		Fence Post and Wire
		Fence Wrought Iron
		Fence Undefined
		Flowline
		Grade Line
		Guard Rail
		Hinge Point
		Right of Way
		Striping
		Undefined Wall

ABBREVIATION	
AC	Asphalt Concrete
CL	Centerline
CP	Control Point
DWS	Detectable Warning Surface
EL	Elevation
FD	Found

AREA PATTERN KEY	
	Concrete
	Grass
	Dirt
	Rip Rap

SEE SHEET 3

EASEMENT NOTES

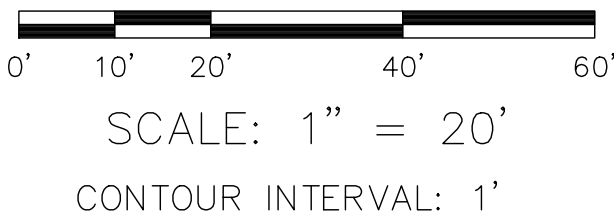
EASEMENT A & B AS DESCRIBED ON TRACT MAP 17564, MM 961/12-17

NOTES

A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.

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	
		LOS PATRONES PARKWAY SAFETY IMPROVEMENTS	
		TOPOGRAPHIC MAP	
		PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE TO OSO PARKWAY	
		DATE OF SURVEY: 10/28/2024	BY: MARTINEZ & CREW
		MAPPING	BY: K. MARTINEZ, LSIT
		OFFICE CHECK	BY: D. BUSH, PLS
		FIELD CHECK	BY: MARTINEZ & CREW
		SCALE: 1" = 20'	W.O. #EQ240075 FILE #2425PW-CM0007
		FILE: LOS PATRONES PKWY TOPO 2024.DWG	
MARK	DATE	ITEM	
REVISIONS			

SEE SHEET 6

SEE SHEET 4

LEGEND

SYMBOL

- Control Box Electrical
- Control Box Undefined
- Control Point
- Gate, Double
- Grate Inlet
- Light Pole, Double
- Light Pole, Single
- Manhole Water
- Meter Water
- Monitor Well
- Pedestrian Activator
- Pilaster
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Telephone
- Pull Box Traffic
- Pull Box Undefined
- Sign Board
- Sign Post
- Traffic Signal
- Traffic Signal w/ Light
- Valve Gas
- Valve Irrigation
- Valve Water
- Valve Undefined
- Vault Electrical
- Vault Undefined
- Vent Pipe

LINE PATTERN KEY

- Block Wall
- Concrete Wall
- Easement
- Edge of Concrete
- Edge of Asphalt Pavement
- Exposed Pipe
- Fence Chainlink
- Fence Pipe and Cable
- Fence Post and Wire
- Fence Wrought Iron
- Fence Undefined
- Flowline
- Grade Line
- Guard Rail
- Hinge Point
- Right of Way
- Striping
- Undefined Wall

ABBREVIATION

- AC Asphalt Concrete
- CL Centerline
- CP Control Point
- DWS Detectable Warning Surface
- EL Elevation
- FD Found

AREA PATTERN KEY

- Concrete
- Dirt
- Grass
- Rip Rap

EASEMENT NOTES

EASEMENT A & B AS DESCRIBED ON TRACT MAP 17564, MM 961/12-17

NOTES

A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.

U.S. Survey Foot

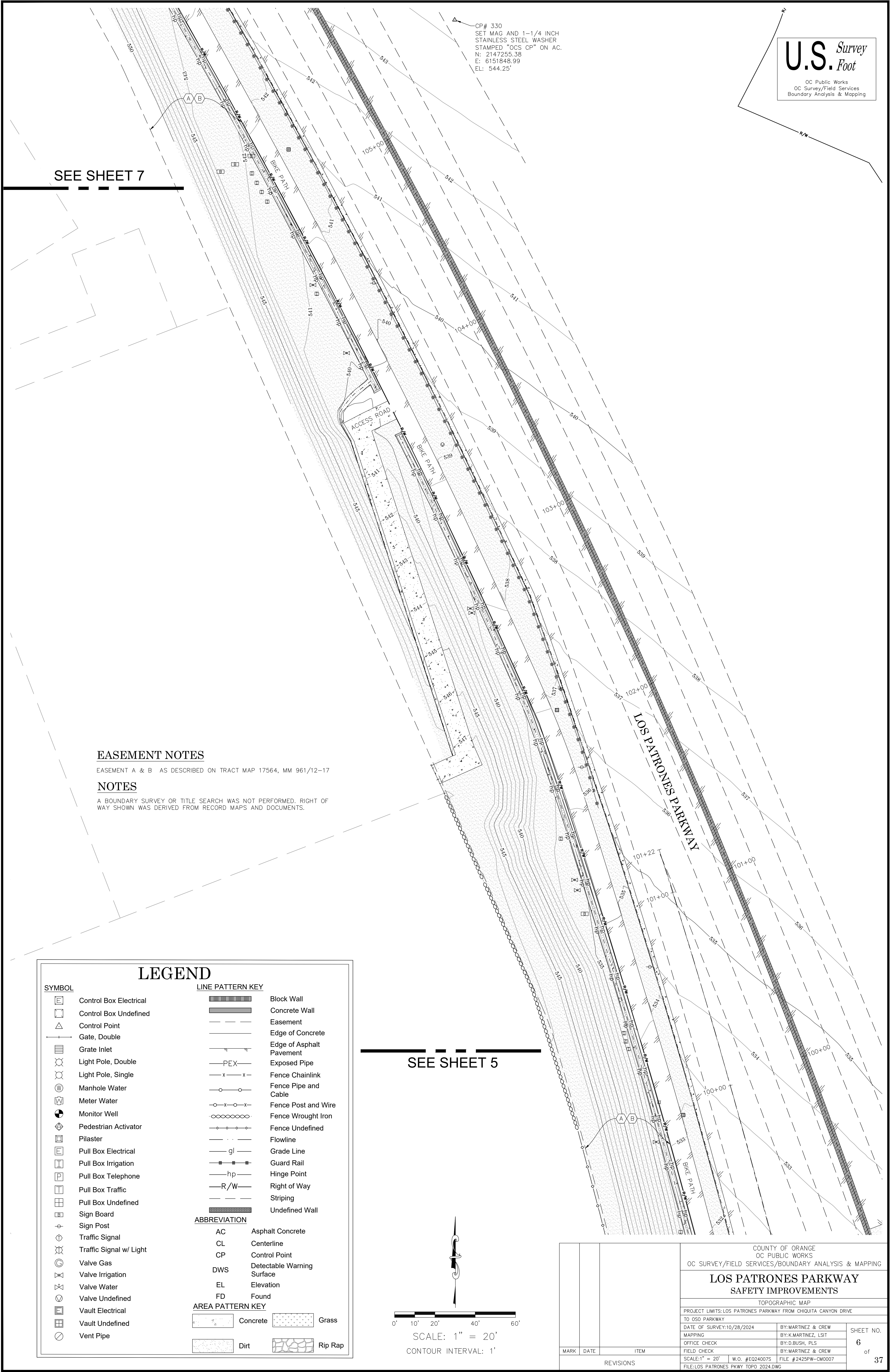
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping

0' 10' 20' 40' 60'

SCALE: 1" = 20'

CONTOUR INTERVAL: 1'

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		LOS PATRONES PARKWAY SAFETY IMPROVEMENTS	
		TOPOGRAPHIC MAP	
		PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE TO OSO PARKWAY	
		DATE OF SURVEY: 10/28/2024	BY: MARTINEZ & CREW
		MAPPING	BY: K. MARTINEZ, LSIT
		OFFICE CHECK	BY: D. BUSH, PLS
		FIELD CHECK	BY: MARTINEZ & CREW
		SCALE: 1" = 20'	W.O. #EQ24007S FILE #2425PW-CM0007
		FILE: LOS PATRONES PKWY TOPO 2024.DWG	
MARK	DATE	ITEM	
REVISIONS			
			SHEET NO. 5 of 37



SEE SHEET 7

EASEMENT NOTES

EASEMENT A & B AS DESCRIBED ON TRACT MAP 17564, MM 961/12-17

NOTES

A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.

LEGEND

SYMBOL

-
- Control Box Electrical
-
- Control Box Undefined
-
- Control Point
-
- Gate, Double
-
- Grate Inlet
-
- Light Pole, Double
-
- Light Pole, Single
-
- Manhole Water
-
- Meter Water
-
- Monitor Well
-
- Pedestrian Activator
-
- Pilaster
-
- Pull Box Electrical
-
- Pull Box Irrigation
-
- Pull Box Telephone
-
- Pull Box Traffic
-
- Pull Box Undefined
-
- Sign Board
-
- Sign Post
-
- Traffic Signal
-
- Traffic Signal w/ Light
-
- Valve Gas
-
- Valve Irrigation
-
- Valve Water
-
- Valve Undefined
-
- Vault Electrical
-
- Vault Undefined
-
- Vent Pipe

LINE PATTERN KEY

-
- Block Wall
-
- Concrete Wall
-
- Easement
-
- Edge of Concrete
-
- Edge of Asphalt Pavement
-
- Exposed Pipe
-
- Fence Chainlink
-
- Fence Pipe and Cable
-
- Fence Post and Wire
-
- Fence Wrought Iron
-
- Fence Undefined
-
- Flowline
-
- Grade Line
-
- Guard Rail
-
- Hinge Point
-
- Right of Way
-
- Striping
-
- Undefined Wall

ABBREVIATION

- AC
- Asphalt Concrete
- CL
- Centerline
- CP
- Control Point
- DWS
- Detectable Warning Surface
- EL
- Elevation
- FD
- Found

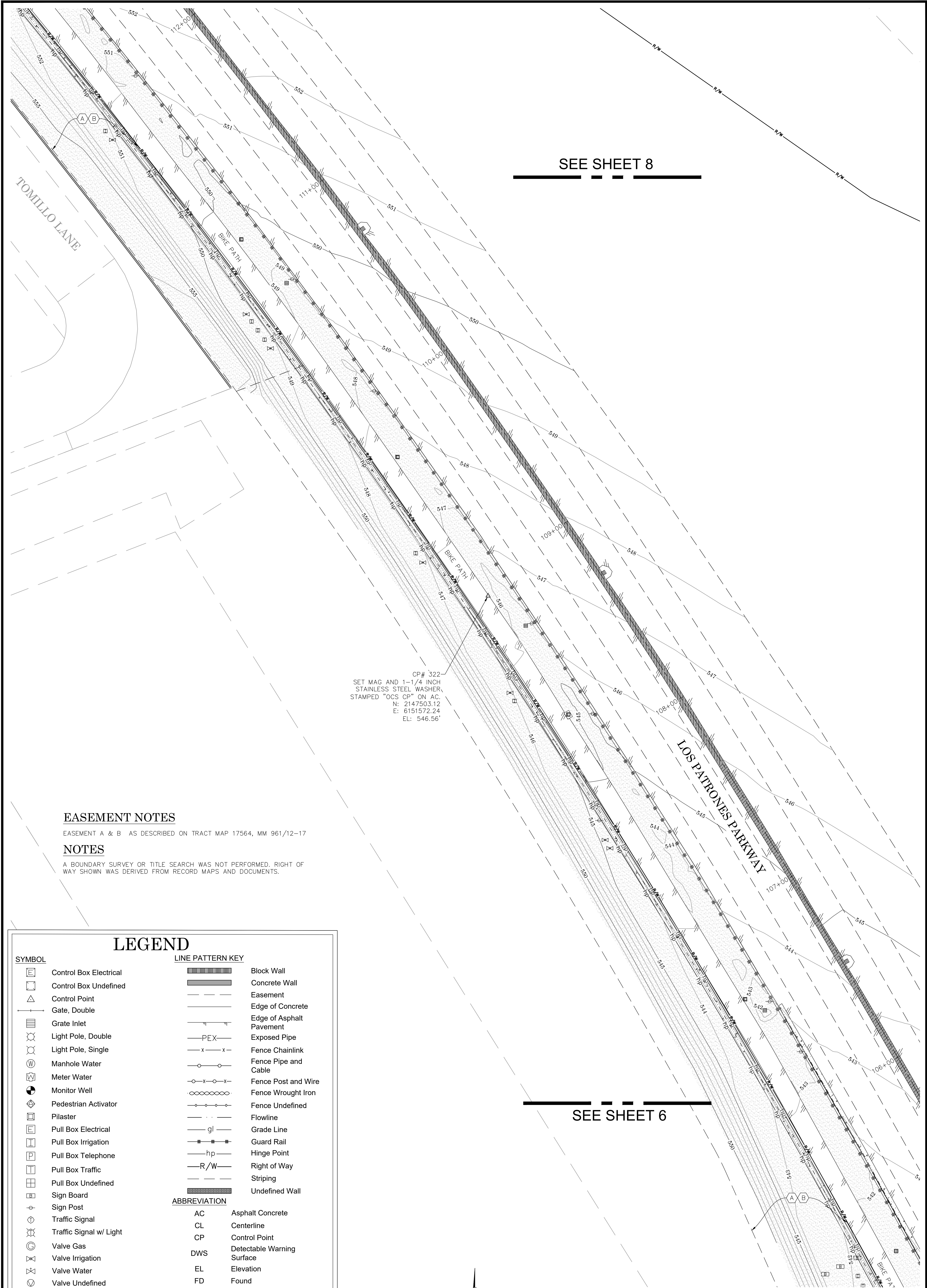
AREA PATTERN KEY

-
- Concrete
-
- Grass
-
- Dirt
-
- Rip Rap

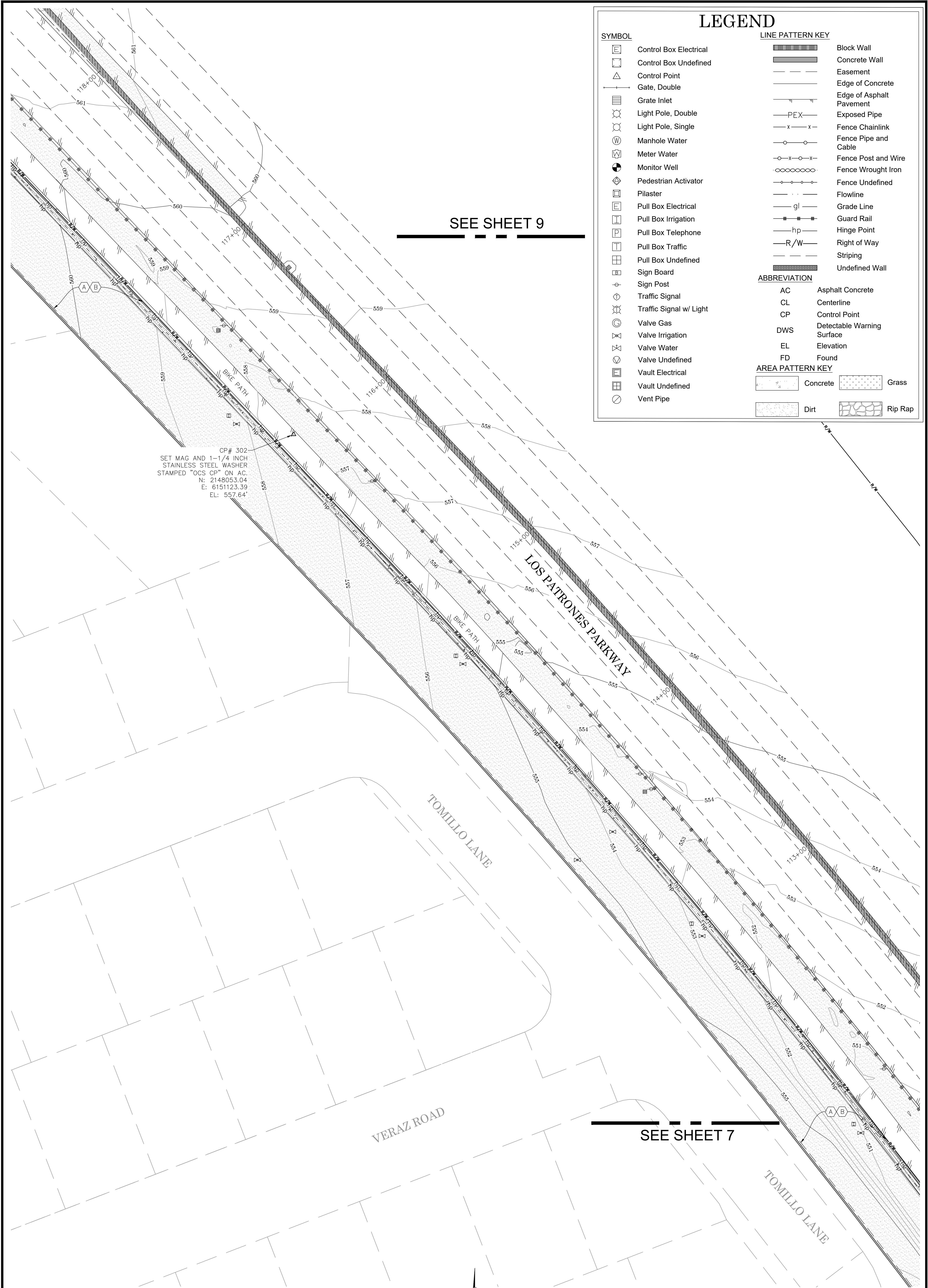
SEE SHEET 5

SCALE: 1" = 20'
CONTOUR INTERVAL: 1'

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		LOS PATRONES PARKWAY SAFETY IMPROVEMENTS	
		TOPOGRAPHIC MAP	
		PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE TO OSO PARKWAY	
		DATE OF SURVEY: 10/28/2024	BY: MARTINEZ & CREW
		MAPPING	BY: K. MARTINEZ, LSIT
		OFFICE CHECK	BY: D. BUSH, PLS
		FIELD CHECK	BY: MARTINEZ & CREW
		SCALE: 1" = 20'	W.O. #EQ24007S
		FILE #2425PW-CM0007	
		FILE: LOS PATRONES PKWY TOPO 2024.DWG	
MARK	DATE	ITEM	
REVISIONS			



		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		LOS PATRONES PARKWAY SAFETY IMPROVEMENTS	
		TOPOGRAPHIC MAP	
		PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE	
		TO OSO PARKWAY	
		DATE OF SURVEY: 10/28/2024	BY: MARTINEZ & CREW
		MAPPING	BY: K. MARTINEZ, LSIT
		OFFICE CHECK	BY: D. BUSH, PLS
		FIELD CHECK	BY: MARTINEZ & CREW
		SCALE: 1" = 20'	W.O. #EQ24007S
		FILE #2425PW-CM0007	
		FILE: LOS PATRONES PKWY TOPO 2024.DWG	
MARK	DATE	ITEM	
REVISIONS			
			SHEET NO. 7 of 37



LEGEND

SYMBOL

- Control Box Electrical
- Control Box Undefined
- Control Point
- Gate, Double
- Grate Inlet
- Light Pole, Double
- Light Pole, Single
- Manhole Water
- Meter Water
- Monitor Well
- Pedestrian Activator
- Pilaster
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Telephone
- Pull Box Traffic
- Pull Box Undefined
- Sign Board
- Sign Post
- Traffic Signal
- Traffic Signal w/ Light
- Valve Gas
- Valve Irrigation
- Valve Water
- Valve Undefined
- Vault Electrical
- Vault Undefined
- Vent Pipe

LINE PATTERN KEY

- Block Wall
- Concrete Wall
- Easement
- Edge of Concrete
- Edge of Asphalt Pavement
- Exposed Pipe
- Fence Chainlink
- Fence Pipe and Cable
- Fence Post and Wire
- Fence Wrought Iron
- Fence Undefined
- Flowline
- Grade Line
- Guard Rail
- Hinge Point
- Right of Way
- Striping
- Undefined Wall

ABBREVIATION

- AC Asphalt Concrete
- CL Centerline
- CP Control Point
- DWS Detectable Warning Surface
- EL Elevation
- FD Found

AREA PATTERN KEY

- Concrete
- Dirt
- Grass
- Rip Rap

EASEMENT NOTES

EASEMENT A & B AS DESCRIBED ON TRACT MAP 17564, MM 961/12-17

NOTES

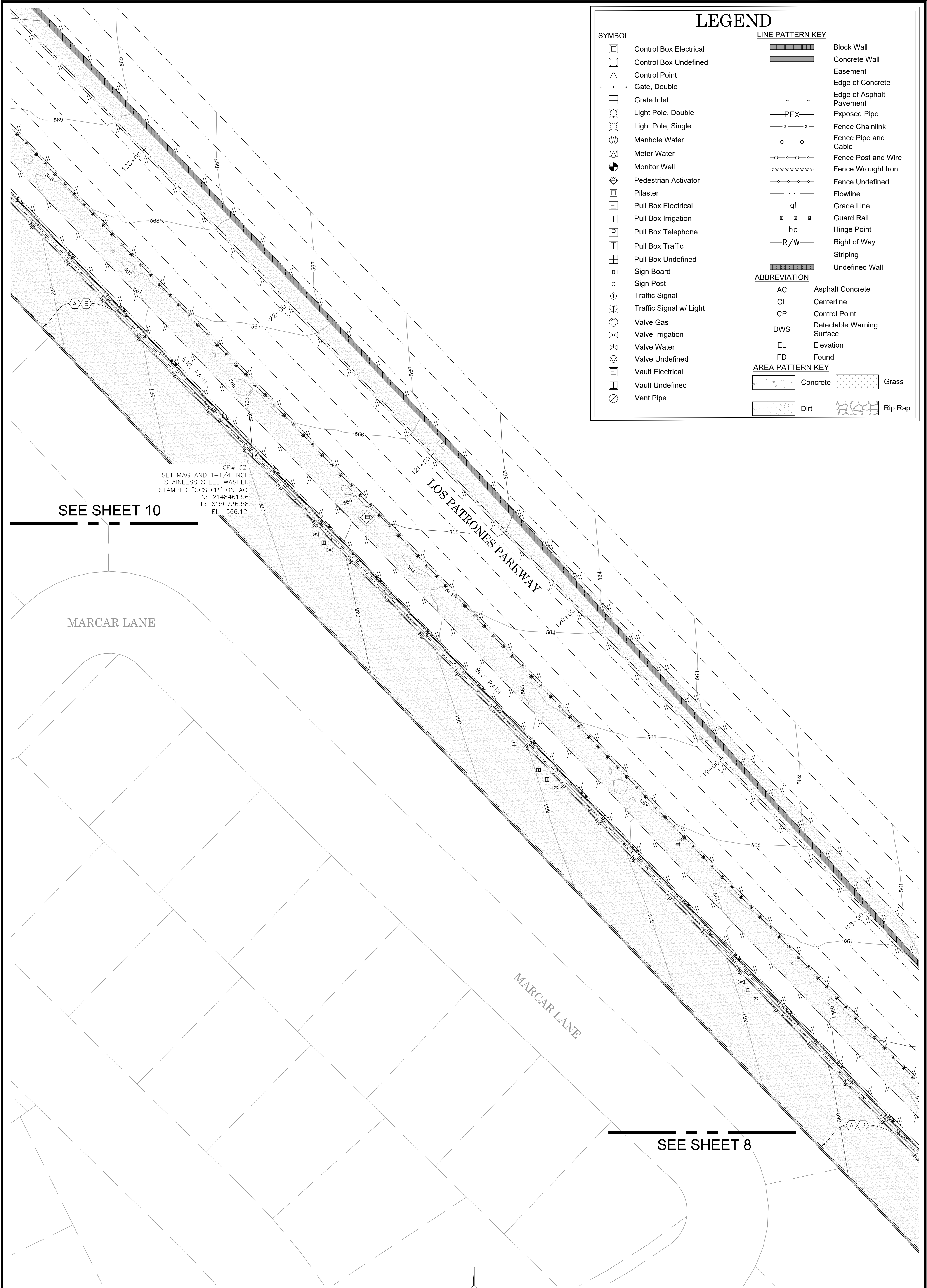
A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.

U.S. Survey Foot

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

SCALE: 1" = 20'
CONTOUR INTERVAL: 1'

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
		LOS PATRONES PARKWAY SAFETY IMPROVEMENTS			
		TOPOGRAPHIC MAP			
		PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE TO OSO PARKWAY			
MARK	DATE	DATE OF SURVEY: 10/28/2024	BY: MARTINEZ & CREW	SHEET NO. 8 of 37	
		MAPPING	BY: K. MARTINEZ, LSIT		
		OFFICE CHECK	BY: D. BUSH, PLS		
		FIELD CHECK	BY: MARTINEZ & CREW		
		REVISIONS		SCALE: 1" = 20'	W.O. #E0240075
				FILE: LOS PATRONES PKWY TOPO 2024.DWG	



LEGEND

SYMBOL

- Control Box Electrical
- Control Box Undefined
- Control Point
- Gate, Double
- Gate Inlet
- Light Pole, Double
- Light Pole, Single
- Manhole Water
- Meter Water
- Monitor Well
- Pedestrian Activator
- Pilaster
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Telephone
- Pull Box Traffic
- Pull Box Undefined
- Sign Board
- Sign Post
- Traffic Signal
- Traffic Signal w/ Light
- Valve Gas
- Valve Irrigation
- Valve Water
- Valve Undefined
- Vault Electrical
- Vault Undefined
- Vent Pipe

LINE PATTERN KEY

- Block Wall
- Concrete Wall
- Easement
- Edge of Concrete
- Edge of Asphalt Pavement
- Exposed Pipe
- PEX
- Fence Chainlink
- Fence Pipe and Cable
- Fence Post and Wire
- Fence Wrought Iron
- Fence Undefined
- Flowline
- Grade Line
- Guard Rail
- Hinge Point
- Right of Way
- Striping
- Undefined Wall

ABBREVIATION

- AC Asphalt Concrete
- CL Centerline
- CP Control Point
- DWS Detectable Warning Surface
- EL Elevation
- FD Found

AREA PATTERN KEY

- Concrete
- Dirt
- Grass
- Rip Rap

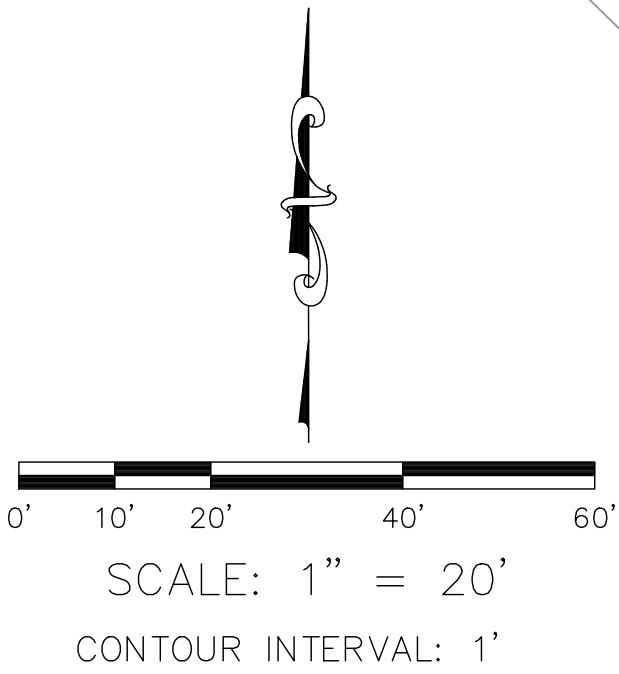
EASEMENT NOTES

EASEMENT A & B AS DESCRIBED ON TRACT MAP 17564, MM 961/12-17

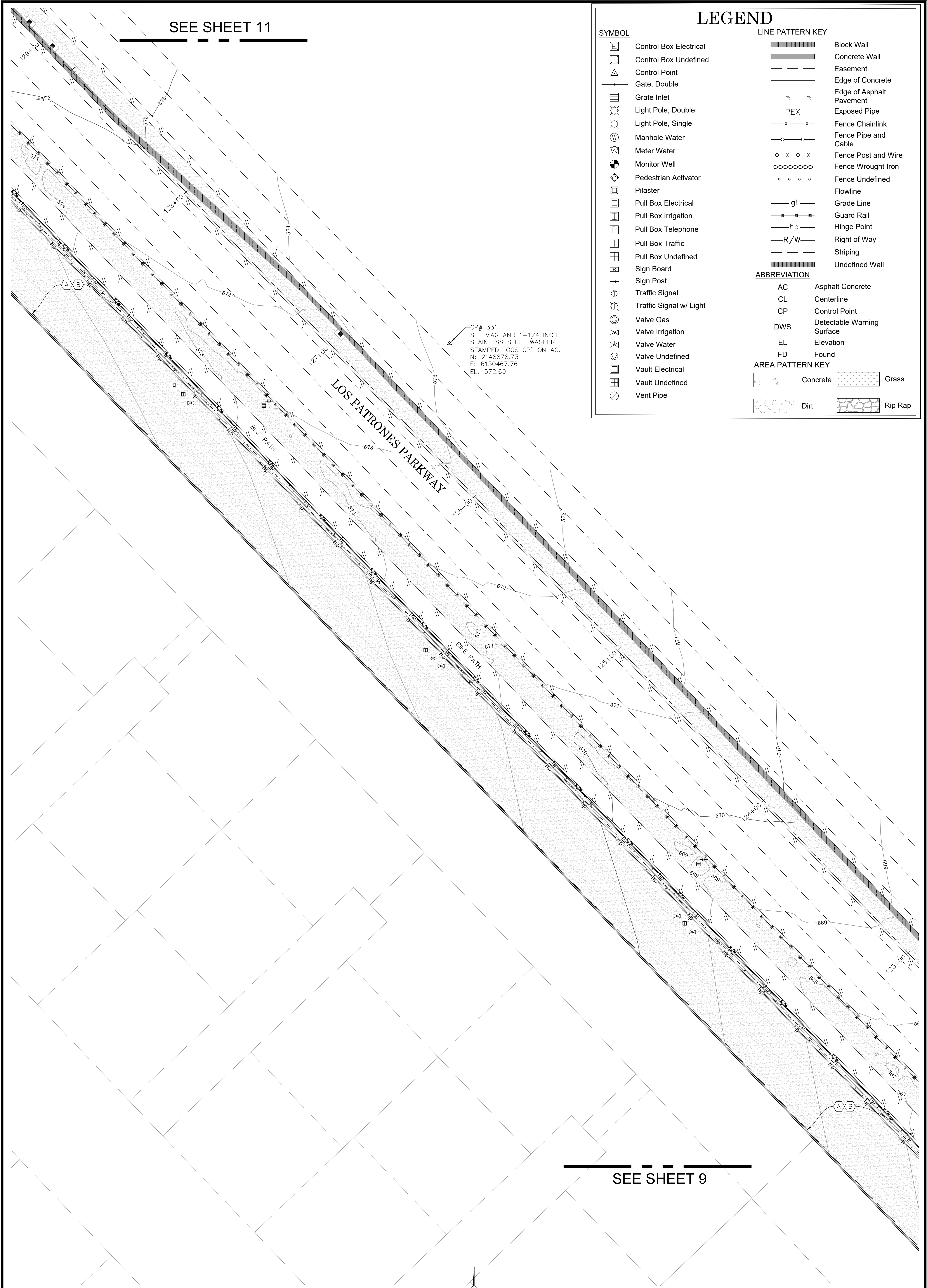
A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.

U.S. Survey
Foot







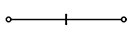


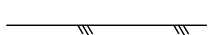

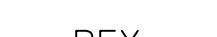





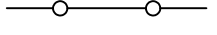

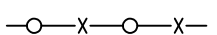



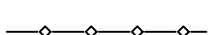

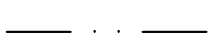







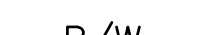

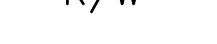














OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping



		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
		LOS PATRONES PARKWAY SAFETY IMPROVEMENTS			
		TOPOGRAPHIC MAP			
		PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE TO OSO PARKWAY			
		DATE OF SURVEY:10/28/2024		BY:MARTINEZ & CREW	
		MAPPING		BY:D.MARTINEZ, LSIT	
		OFFICE CHECK		BY:D.BUSH, PLS	
		FIELD CHECK		BY:MARTINEZ & CREW	
		SCALE:1" = 20'		W.O. #E0240075	
		FILE:LOS PATRONES PKWY TOPO 2024.DWG		FILE # 2425PW-CM0007	
MARK	DATE	ITEM		SHEET NO. 9 of 37	
REVISIONS					



LEGEND

SYMBOL		LINE PATTERN KEY			
	Control Box Electrical		Block Wall		
	Control Box Undefined		Concrete Wall		
	Control Point		Easement		
	Gate, Double		Edge of Concrete		
	Grate Inlet		Edge of Asphalt Pavement		
	Light Pole, Double		Exposed Pipe		
	Light Pole, Single		Fence Chainlink		
	Manhole Water		Fence Pipe and Cable		
	Meter Water		Fence Post and Wire		
	Monitor Well		Fence Wrought Iron		
	Pedestrian Activator		Fence Undefined		
	Pilaster		Flowline		
	Pull Box Electrical		Grade Line		
	Pull Box Irrigation		Guard Rail		
	Pull Box Telephone		Hinge Point		
	Pull Box Traffic		Right of Way		
	Pull Box Undefined		Striping		
	Sign Board		Undefined Wall		
	Sign Post				
	Traffic Signal				
	Traffic Signal w/ Light				
	Valve Gas				
	Valve Irrigation				
	Valve Water				
	Valve Undefined				
	Vault Electrical				
	Vault Undefined				
	Vent Pipe				
ABBREVIATION		AREA PATTERN KEY			
AC	Asphalt Concrete		Concrete		Grass
CL	Centerline		Dirt		Rip Rap
CP	Control Point				
DWS	Detectable Warning Surface				
EL	Elevation				
FD	Found				

EASEMENT NOTES

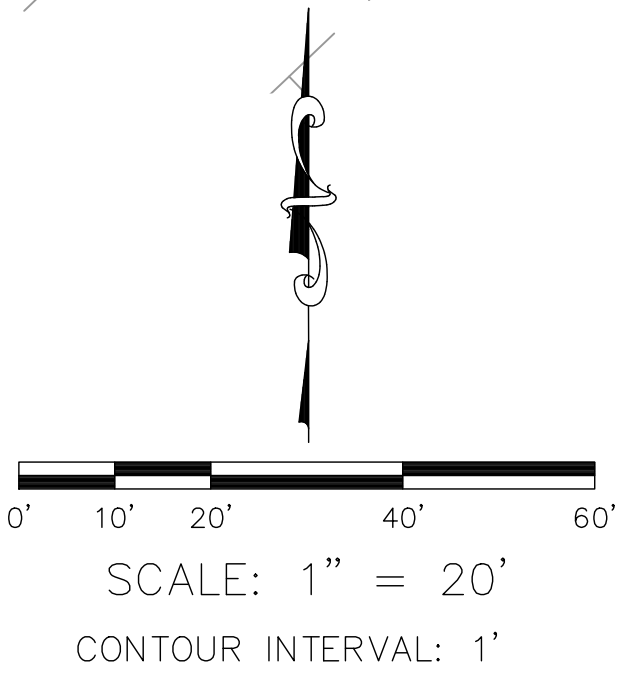
EASEMENT A & B AS DESCRIBED ON TRACT MAP 17564, MM 961/12-17

NOTES

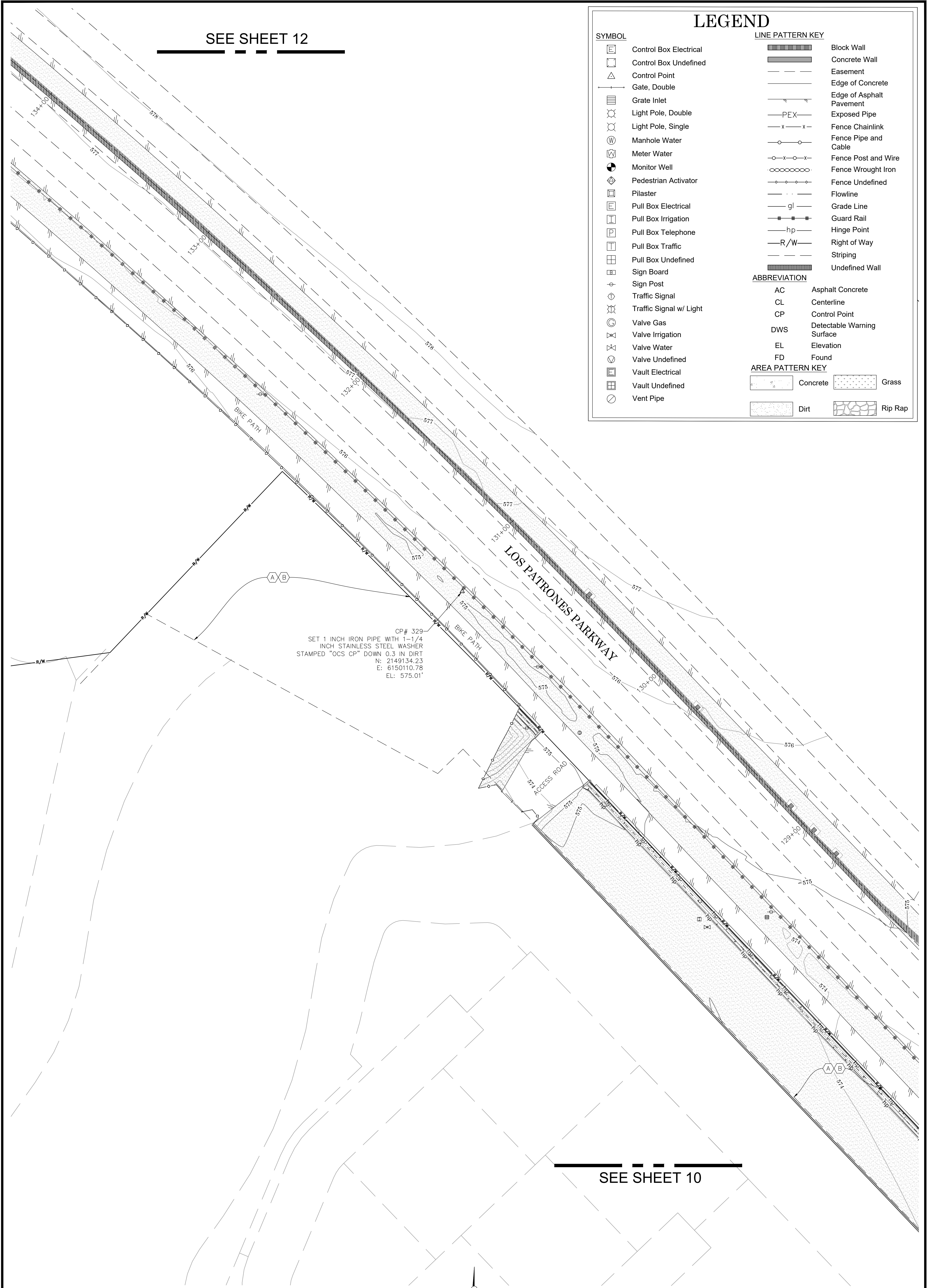
A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.

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	
		LOS PATRONES PARKWAY SAFETY IMPROVEMENTS	
		TOPOGRAPHIC MAP	
		PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE TO OSO PARKWAY	
		DATE OF SURVEY: 10/28/2024	BY: MARTINEZ & CREW
		MAPPING	BY: K. MARTINEZ, LSIT
		OFFICE CHECK	BY: D. BUSH, PLS
		FIELD CHECK	BY: MARTINEZ & CREW
		SCALE: 1" = 20'	W.O. #EQ240075 FILE #2425PW-CM0007
		FILE: LOS PATRONES PKWY TOPO 2024.DWG	
MARK	DATE	ITEM	
REVISIONS			
		SHEET NO.	10 of 37



LEGEND

SYMBOL	LINE PATTERN KEY	
		Block Wall
		Concrete Wall
		Easement
		Edge of Concrete
		Edge of Asphalt Pavement
		Exposed Pipe
		Fence Chainlink
		Fence Pipe and Cable
		Fence Post and Wire
		Fence Wrought Iron
		Flowline
		Grade Line
		Guard Rail
		Hinge Point
		Right of Way
		Striping
		Undefined Wall

ABBREVIATION	
AC	Asphalt Concrete
CL	Centerline
CP	Control Point
DWS	Detectable Warning Surface
EL	Elevation
FD	Found

AREA PATTERN KEY	
	Concrete
	Dirt
	Grass
	Rip Rap

EASEMENT NOTES

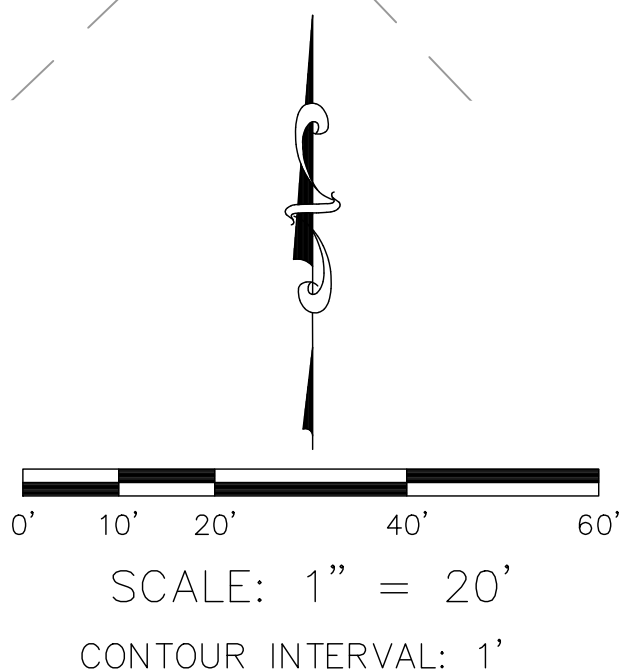
EASEMENT A & B AS DESCRIBED ON TRACT MAP 17564, MM 961/12-17

NOTES

A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.

U.S. Survey
Foot

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

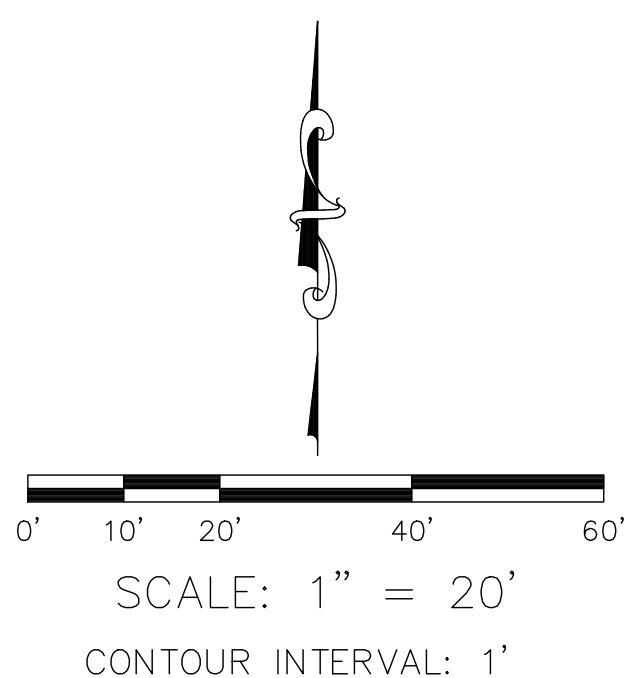


			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			LOS PATRONES PARKWAY SAFETY IMPROVEMENTS			
			TOPOGRAPHIC MAP			
			PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE TO OSO PARKWAY			
			DATE OF SURVEY: 10/28/2024		BY: MARTINEZ & CREW	
MAPPING		BY: K. MARTINEZ, LSIT				
OFFICE CHECK		BY: D. BUSH, PLS				
FIELD CHECK		BY: MARTINEZ & CREW				
MARK	DATE	ITEM	SCALE: 1" = 20' W.O. #EQ240075		FILE #2425PW-CM0007	
			FILE: LOS PATRONES PKWY TOPO 2024.DWG			
REVISIONS						



A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.

<u>SYMBOL</u>		<u>LINE PATTERN KEY</u>	
	Control Box Electrical		Block Wall
	Control Box Undefined		Concrete Wall
	Control Point		Easement
	Gate, Double		Edge of Concrete
	Grate Inlet		Edge of Asphalt
	Light Pole, Double		Pavement
	Light Pole, Single		Exposed Pipe
	Manhole Water		Fence Chainlink
	Meter Water		Fence Pipe and Cable
	Monitor Well		Fence Post and Wire
	Pedestrian Activator		Fence Wrought Iron
	Pilaster		Fence Undefined
	Pull Box Electrical		Flowline
	Pull Box Irrigation		Grade Line
	Pull Box Telephone		Guard Rail
	Pull Box Traffic		Hinge Point
	Pull Box Undefined		Right of Way
	Sign Board		Striping
	Sign Post		Undefined Wall
	Traffic Signal	<u>ABBREVIATION</u>	
	Traffic Signal w/ Light	AC	Asphalt Concrete
	Valve Gas	CL	Centerline
	Valve Irrigation	CP	Control Point
	Valve Water	DWS	Detectable Warning Surface
	Valve Undefined	EL	Elevation
	Vault Electrical	FD	Found
	Vault Undefined	<u>AREA PATTERN KEY</u>	
	Vent Pipe		Concrete
			Grass

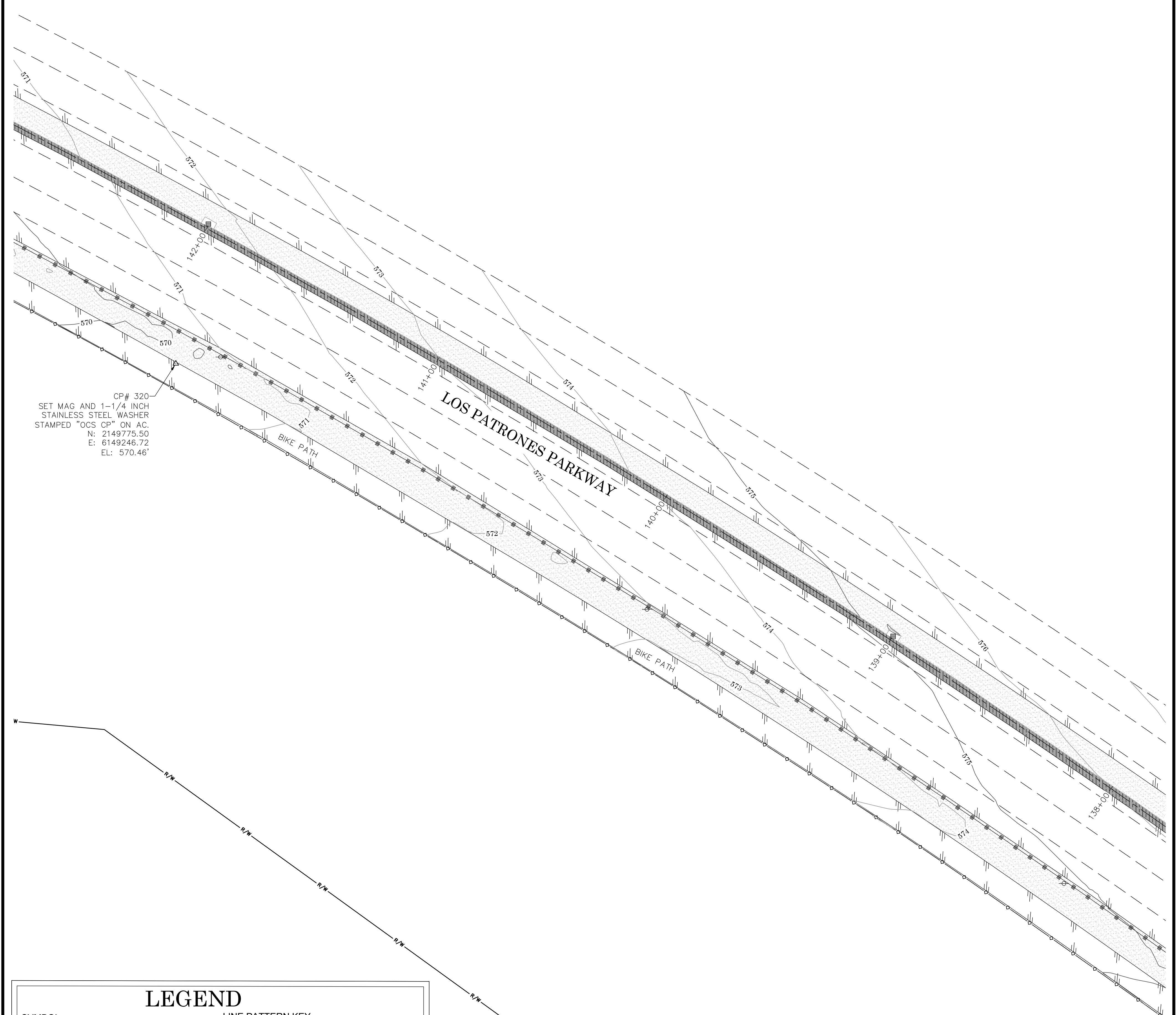


**U.S. *Survey*
Foot**

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

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
			<h2 style="text-align: center;">LOS PATRONES PARKWAY</h2> <h3 style="text-align: center;">SAFETY IMPROVEMENTS</h3>	
			TOPOGRAPHIC MAP	
			PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE	
			TO OSD PARKWAY	
			DATE OF SURVEY: 10/28/2024	BY: MARTINEZ & CREW
			MAPPING	BY: K. MARTINEZ, LSIT
			OFFICE CHECK	BY: D. BUSH, PLS
MARK	DATE	ITEM	FIELD CHECK	BY: MARTINEZ & CREW
REVISIONS			SCALE: 1" = 20'	W.O. #E024007S
			FILE: LOS PATRONES PKWY TOPO 2024.DWG	FILE # 2425PW-CM0007
			<div style="display: flex; justify-content: space-between;"> SHEET NO. 12 of 37 </div>	

SEE SHEET 14



CP# 320
SET MAG AND 1-1/4 INCH
STAINLESS STEEL WASHER
STAMPED "OCS CP" ON AC.
N: 2149775.50
E: 6149246.72
EL: 570.46'

LEGEND

SYMBOL

- Control Box Electrical
- Control Box Undefined
- Control Point
- Gate, Double
- Grate Inlet
- Light Pole, Double
- Light Pole, Single
- Manhole Water
- Meter Water
- Monitor Well
- Pedestrian Activator
- Pilaster
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Telephone
- Pull Box Traffic
- Pull Box Undefined
- Sign Board
- Sign Post
- Traffic Signal
- Traffic Signal w/ Light
- Valve Gas
- Valve Irrigation
- Valve Water
- Valve Undefined
- Vault Electrical
- Vault Undefined
- Vent Pipe

LINE PATTERN KEY

- Block Wall
- Concrete Wall
- Easement
- Edge of Concrete
- Edge of Asphalt Pavement
- Exposed Pipe
- Fence Chainlink
- Fence Pipe and Cable
- Fence Post and Wire
- Fence Wrought Iron
- Fence Undefined
- Flowline
- Grade Line
- Guard Rail
- Hinge Point
- Right of Way
- Striping
- Undefined Wall

ABBREVIATION

- AC Asphalt Concrete
- CL Centerline
- CP Control Point
- DWS Detectable Warning Surface
- EL Elevation
- FD Found

AREA PATTERN KEY

- Concrete
- Grass
- Dirt
- Rip Rap

SEE SHEET 12

U.S. Survey Foot

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

NOTES

A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.

0' 10' 20' 40' 60'

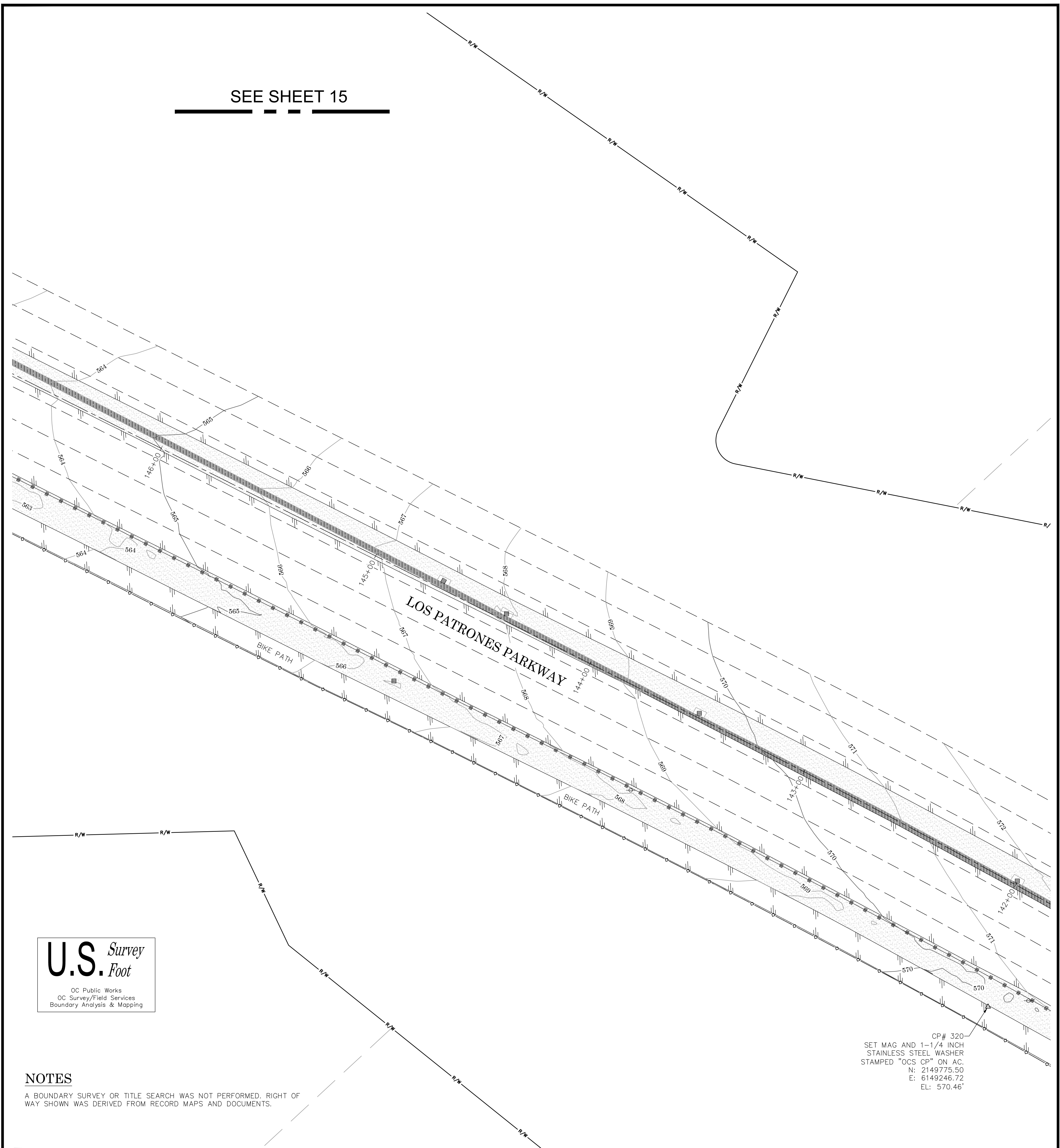
SCALE: 1" = 20'

CONTOUR INTERVAL: 1'

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		LOS PATRONES PARKWAY SAFETY IMPROVEMENTS	
		TOPOGRAPHIC MAP	
		PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE	
		TO OSO PARKWAY	
		DATE OF SURVEY: 10/28/2024	BY: MARTINEZ & CREW
		MAPPING	BY: K. MARTINEZ, LSIT
		OFFICE CHECK	BY: D. BUSH, PLS
		FIELD CHECK	BY: MARTINEZ & CREW
		SCALE: 1" = 20'	W.O. #EQ24007S
		FILE #2425PW-CM0007	
		FILE: LOS PATRONES PKWY TOPO 2024.DWG	
MARK	DATE	ITEM	
REVISIONS			

SHEET NO.
13
of
37

SEE SHEET 15



U.S. Survey Foot
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping

NOTES

A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.

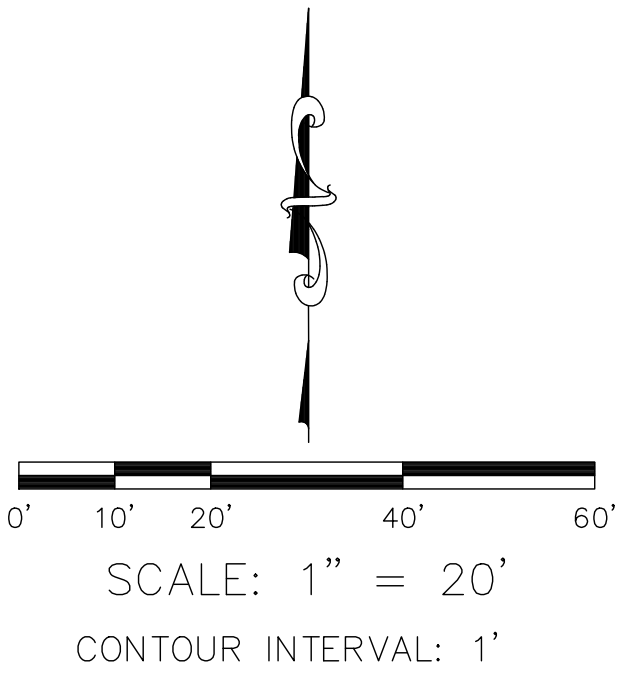
CP# 320
SET MAG AND 1-1/4 INCH
STAINLESS STEEL WASHER
STAMPED "OCS CP" ON AC.
N: 2149775.50
E: 6149246.72
EL: 570.46'

LEGEND

SYMBOL	LINE PATTERN KEY

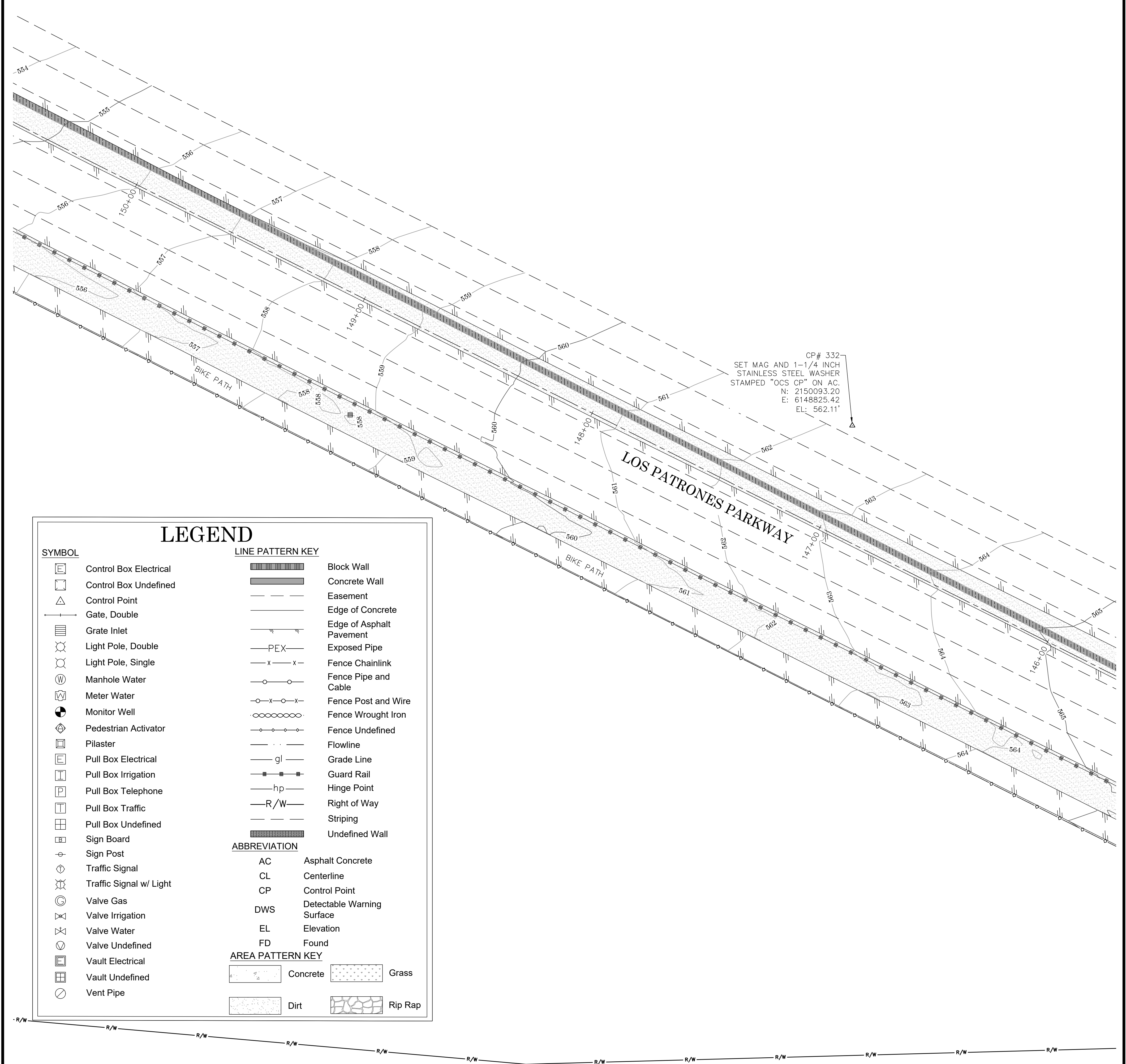
ABBREVIATION	AREA PATTERN KEY
AC	
CL	
CP	
DWS	
EL	
FD	

SEE SHEET 13



		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		LOS PATRONES PARKWAY SAFETY IMPROVEMENTS	
		TOPOGRAPHIC MAP	
		PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE	
		TO OSO PARKWAY	
		DATE OF SURVEY: 10/28/2024	BY: MARTINEZ & CREW
		MAPPING	BY: K. MARTINEZ, LSIT
		OFFICE CHECK	BY: D. BUSH, PLS
		FIELD CHECK	BY: MARTINEZ & CREW
		SCALE: 1" = 20'	W.O. #EQ240075 FILE #2425PW-CM0007
		FILE: LOS PATRONES PKWY TOPO 2024.DWG	
MARK	DATE	ITEM	
REVISIONS			

SEE SHEET 16



LEGEND

SYMBOL

- Control Box Electrical
- Control Box Undefined
- Control Point
- Gate, Double
- Grate Inlet
- Light Pole, Double
- Light Pole, Single
- Manhole Water
- Meter Water
- Monitor Well
- Pedestrian Activator
- Pilaster
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Telephone
- Pull Box Traffic
- Pull Box Undefined
- Sign Board
- Sign Post
- Traffic Signal
- Traffic Signal w/ Light
- Valve Gas
- Valve Irrigation
- Valve Water
- Valve Undefined
- Vault Electrical
- Vault Undefined
- Vent Pipe

LINE PATTERN KEY

- Block Wall
- Concrete Wall
- Easement
- Edge of Concrete
- Edge of Asphalt Pavement
- Exposed Pipe
- Fence Chainlink
- Fence Pipe and Cable
- Fence Post and Wire
- Fence Wrought Iron
- Fence Undefined
- Flowline
- Grade Line
- Guard Rail
- Hinge Point
- Right of Way
- Striping
- Undefined Wall

ABBREVIATION

- AC Asphalt Concrete
- CL Centerline
- CP Control Point
- DWS Detectable Warning Surface
- EL Elevation
- FD Found

AREA PATTERN KEY

- Concrete
- Grass
- Dirt
- Rip Rap

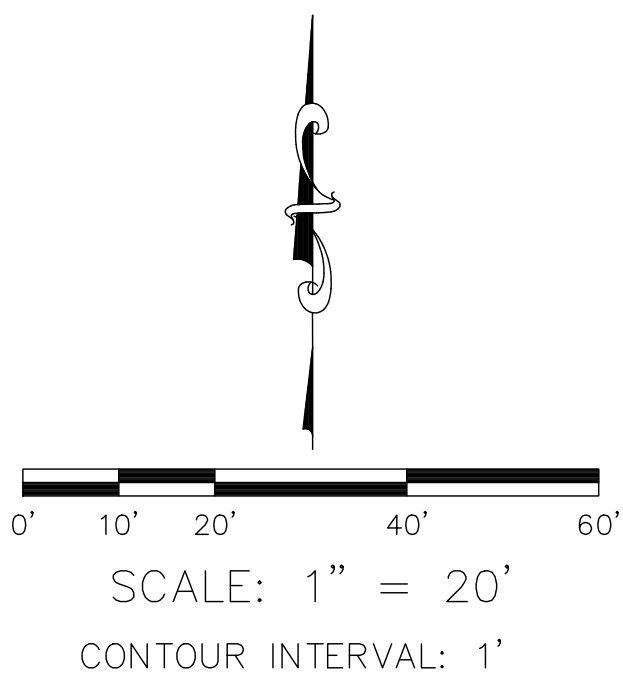
SEE SHEET 14

U.S. Survey Foot

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

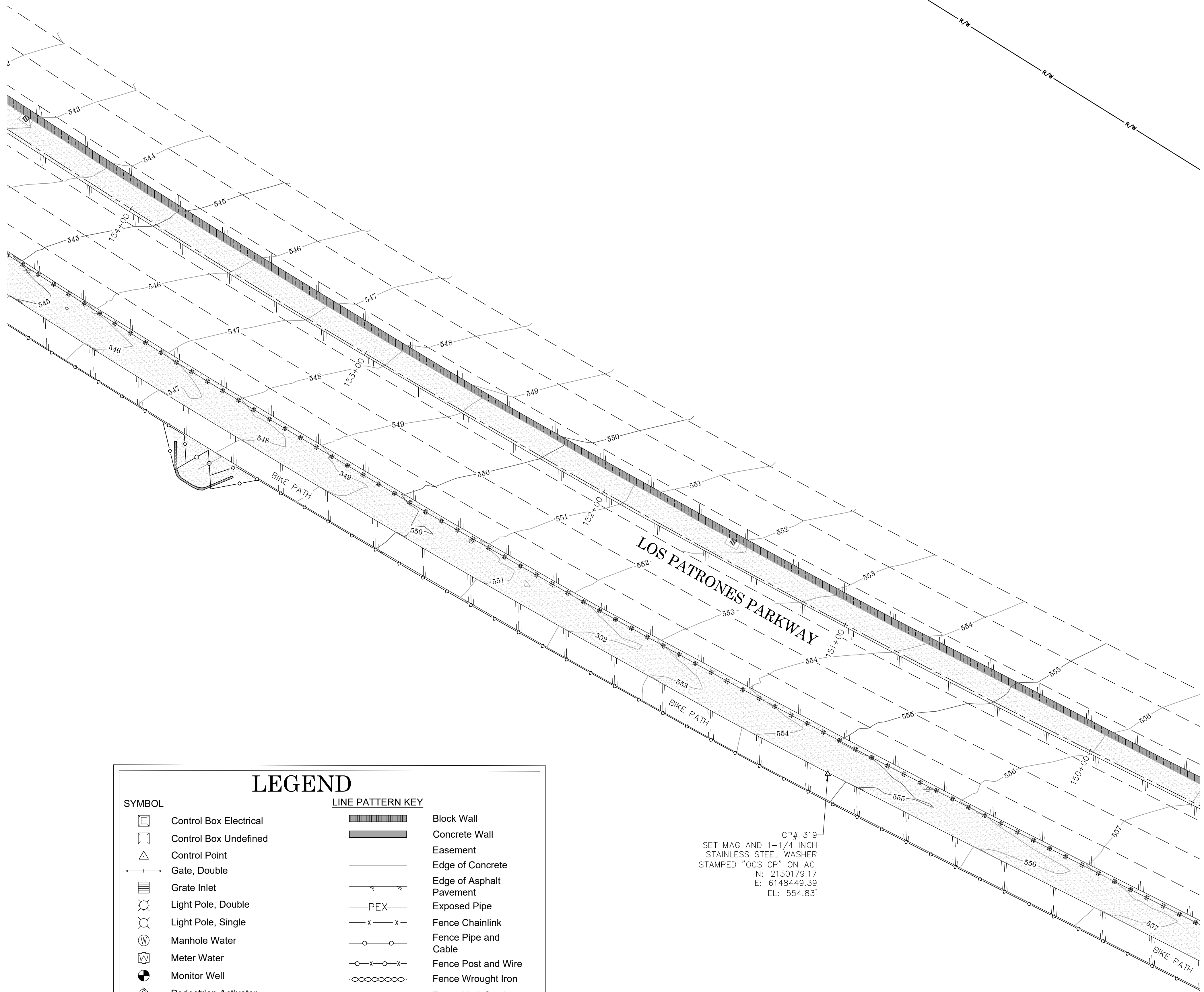
NOTES

A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.



		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		LOS PATRONES PARKWAY SAFETY IMPROVEMENTS	
		TOPOGRAPHIC MAP	
		PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE TO OSO PARKWAY	
		DATE OF SURVEY: 10/28/2024	BY: MARTINEZ & CREW
		MAPPING	BY: K. MARTINEZ, LSIT
		OFFICE CHECK	BY: D. BUSH, PLS
		FIELD CHECK	BY: MARTINEZ & CREW
		SCALE: 1" = 20'	W.O. #EQ24007S FILE #2425PW-CM0007
		FILE: LOS PATRONES PKWY TOPO 2024.DWG	
MARK	DATE	ITEM	
REVISIONS			

SEE SHEET 17



LEGEND

SYMBOL

- Control Box Electrical
- Control Box Undefined
- Control Point
- Gate, Double
- Grate Inlet
- Light Pole, Double
- Light Pole, Single
- Manhole Water
- Meter Water
- Monitor Well
- Pedestrian Activator
- Pilaster
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Telephone
- Pull Box Traffic
- Pull Box Undefined
- Sign Board
- Sign Post
- Traffic Signal
- Traffic Signal w/ Light
- Valve Gas
- Valve Irrigation
- Valve Water
- Valve Undefined
- Vault Electrical
- Vault Undefined
- Vent Pipe

LINE PATTERN KEY

- Block Wall
- Concrete Wall
- Easement
- Edge of Concrete
- Edge of Asphalt Pavement
- Exposed Pipe
- Fence Chainlink
- Fence Pipe and Cable
- Fence Post and Wire
- Fence Wrought Iron
- Fence Undefined
- Flowline
- Grade Line
- Guard Rail
- Hinge Point
- Right of Way
- Striping
- Undefined Wall

ABBREVIATION

- AC Asphalt Concrete
- CL Centerline
- CP Control Point
- DWS Detectable Warning Surface
- EL Elevation
- FD Found

AREA PATTERN KEY

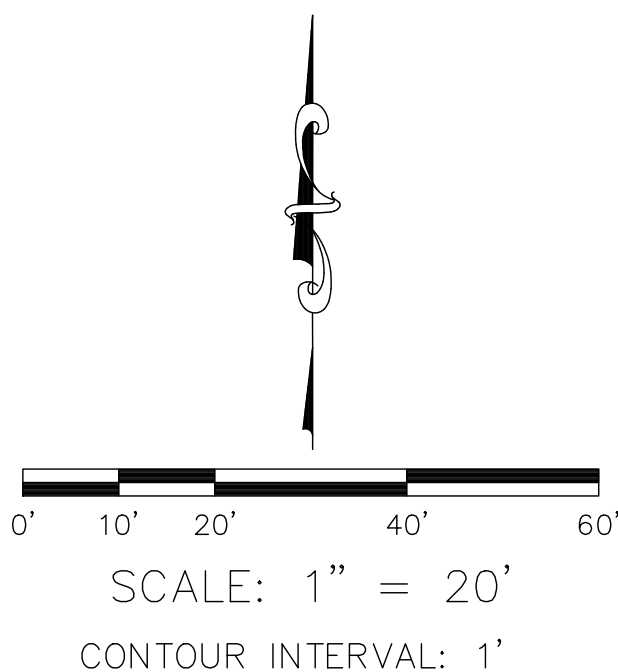
- Concrete
- Grass
- Dirt
- Rip Rap

CP# 319
SET MAG AND 1-1/4" INCH
STAINLESS STEEL WASHER
STAMPED "OCS CP" ON AC.
N: 2150179.17
E: 6148449.39
EL: 554.83'

SEE SHEET 15

NOTES

A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.



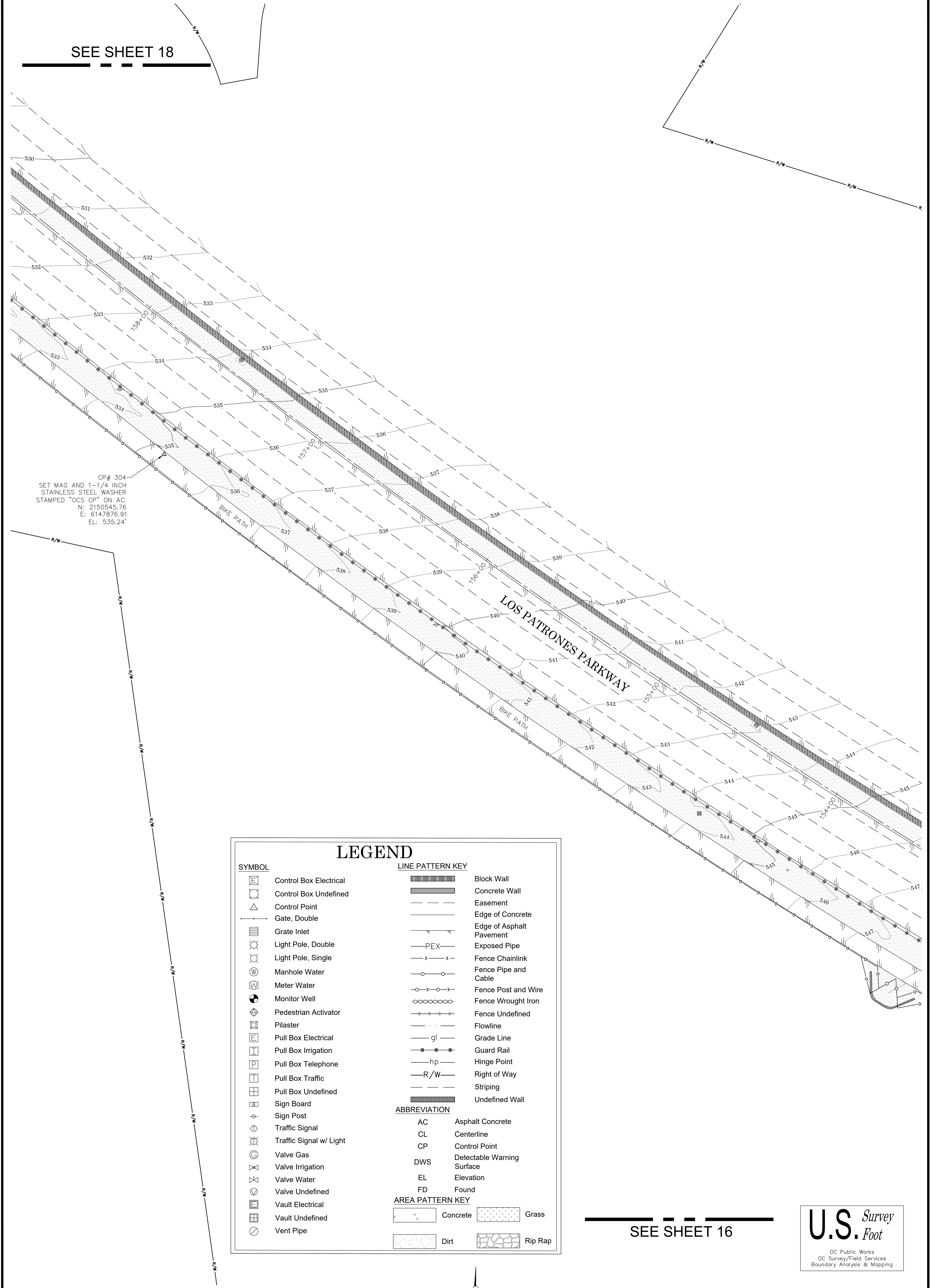
U.S. Survey
Foot

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

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		LOS PATRONES PARKWAY SAFETY IMPROVEMENTS	
		TOPOGRAPHIC MAP	
		PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE TO OSO PARKWAY	
		DATE OF SURVEY: 10/28/2024	BY: MARTINEZ & CREW
		MAPPING	BY: K. MARTINEZ, LSIT
		OFFICE CHECK	BY: D. BUSH, PLS
		FIELD CHECK	BY: MARTINEZ & CREW
		SCALE: 1" = 20'	W.O. #EQ24007S FILE #2425PW-CM0007
		FILE: LOS PATRONES PKWY TOPO 2024.DWG	
MARK	DATE	REVISIONS	

SHEET NO.
16
of
37

SEE SHEET 18



LEGEND

SYMBOL

- Control Box Electrical
- Control Box Undefined
- Control Point
- Gate, Double
- Grate Inlet
- Light Pole, Double
- Light Pole, Single
- Manhole Water
- Meter Water
- Monitor Well
- Pedestrian Activator
- Pilaster
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Telephone
- Pull Box Traffic
- Pull Box Undefined
- Sign Board
- Sign Post
- Traffic Signal
- Traffic Signal w/ Light
- Valve Gas
- Valve Irrigation
- Valve Water
- Valve Undefined
- Vault Electrical
- Vault Undefined
- Vent Pipe

LINE PATTERN KEY

- Block Wall
- Concrete Wall
- Easement
- Edge of Concrete
- Edge of Asphalt Pavement
- Exposed Pipe
- Fence Chainlink
- Fence Pipe and Cable
- Fence Post and Wire
- Fence Wrought Iron
- Fence Undefined
- Flowline
- Grade Line
- Guard Rail
- Hinge Point
- Right of Way
- Striping
- Undefined Wall

ABBREVIATION

- AC Asphalt Concrete
- CL Centerline
- CP Control Point
- DWS Detectable Warning Surface
- EL Elevation
- FD Found

AREA PATTERN KEY

- Concrete
- Dirt
- Grass
- Rip Rap

NOTES

A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.

SEE SHEET 16

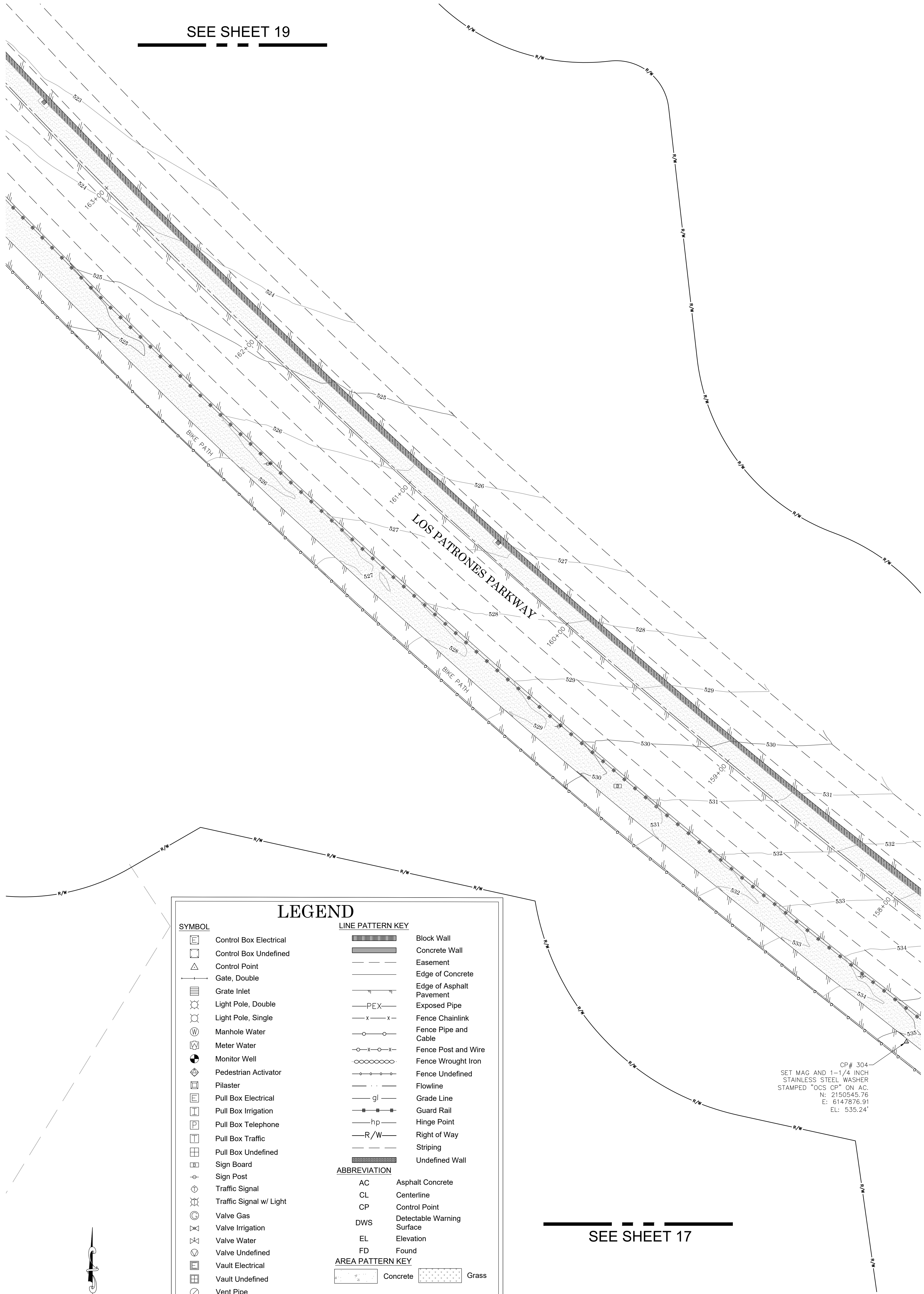
U.S. Survey
Foot

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

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		LOS PATRONES PARKWAY SAFETY IMPROVEMENTS	
		TOPOGRAPHIC MAP	
		PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE TO OSO PARKWAY	
		DATE OF SURVEY: 10/28/2024	BY: MARTINEZ & CREW
		MAPPING	BY: K. MARTINEZ, LSIT
		OFFICE CHECK	BY: D. BUSH, PLS
		FIELD CHECK	BY: MARTINEZ & CREW
		SCALE: 1" = 20'	W.O. #EQ24007S FILE #2425PW-CM0007
		FILE: LOS PATRONES PKWY TOPO 2024.DWG	
MARK	DATE	ITEM	
REVISIONS			

SHEET NO.
17
of
37

SEE SHEET 19



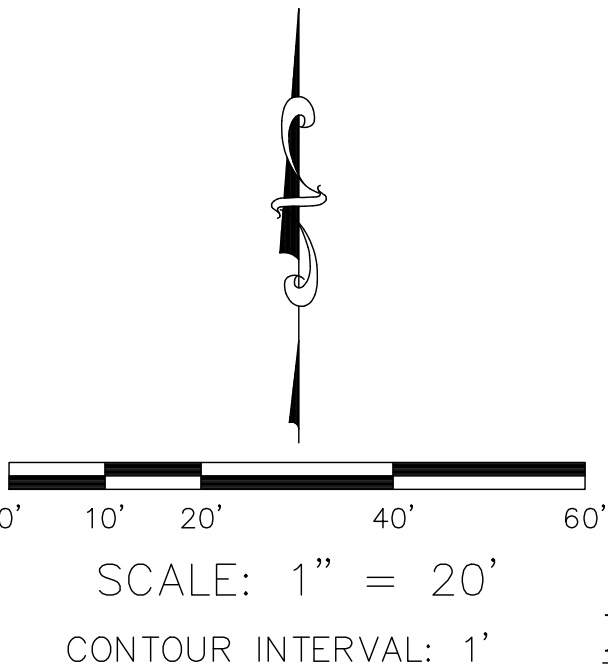
LEGEND

SYMBOL	LINE PATTERN KEY

ABBREVIATION	AREA PATTERN KEY
AC	
CL	
CP	
DWS	
EL	
FD	

CP# 304
SET MAG AND 1-1/4 INCH
STAINLESS STEEL WASHER
STAMPED "OCS CP" ON AC.
N: 2150545.76
E: 6147876.91
EL: 535.24'

SEE SHEET 17



NOTES

A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.

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	
		LOS PATRONES PARKWAY SAFETY IMPROVEMENTS	
		TOPOGRAPHIC MAP	
		PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE TO OSO PARKWAY	
		DATE OF SURVEY: 10/28/2024	BY: MARTINEZ & CREW
		MAPPING	BY: K. MARTINEZ, LSIT
		OFFICE CHECK	BY: D. BUSH, PLS
		FIELD CHECK	BY: MARTINEZ & CREW
		SCALE: 1" = 20'	W.O. #EQ24007S FILE #2425PW-CM0007
		FILE: LOS PATRONES PKWY TOPO 2024.DWG	
MARK	DATE	ITEM	
REVISIONS			

SHEET NO.

18

of

37

SEE SHEET 20

CP# 318
SET MAG AND 1-1/4 INCH
STAINLESS STEEL WASHER
STAMPED "OCS CP" ON AC.
N: 2151313.56
E: 6147120.97
EL: 526.31'

CP# 333
SET MAG AND 1-1/4 INCH
STAINLESS STEEL WASHER
STAMPED "OCS CP" ON AC.
N: 2151288.76
E: 6147256.48
EL: 522.95'

NOTES

A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.

LEGEND

SYMBOL

- Control Box Electrical
- Control Box Undefined
- Control Point
- Gate, Double
- Grate Inlet
- Light Pole, Double
- Light Pole, Single
- Manhole Water
- Meter Water
- Monitor Well
- Pedestrian Activator
- Pilaster
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Telephone
- Pull Box Traffic
- Pull Box Undefined
- Sign Board
- Sign Post
- Traffic Signal
- Traffic Signal w/ Light
- Valve Gas
- Valve Irrigation
- Valve Water
- Valve Undefined
- Vault Electrical
- Vault Undefined
- Vent Pipe

LINE PATTERN KEY

- Block Wall
- Concrete Wall
- Easement
- Edge of Concrete
- Edge of Asphalt Pavement
- Exposed Pipe
- Fence Chainlink
- Fence Pipe and Cable
- Fence Post and Wire
- Fence Wrought Iron
- Fence Undefined
- Flowline
- Grade Line
- Guard Rail
- Hinge Point
- Right of Way
- Striping
- Undefined Wall

ABBREVIATION

- AC Asphalt Concrete
- CL Centerline
- CP Control Point
- DWS Detectable Warning Surface
- EL Elevation
- FD Found

AREA PATTERN KEY

- Concrete
- Grass
- Dirt
- Rip Rap

SEE SHEET 18

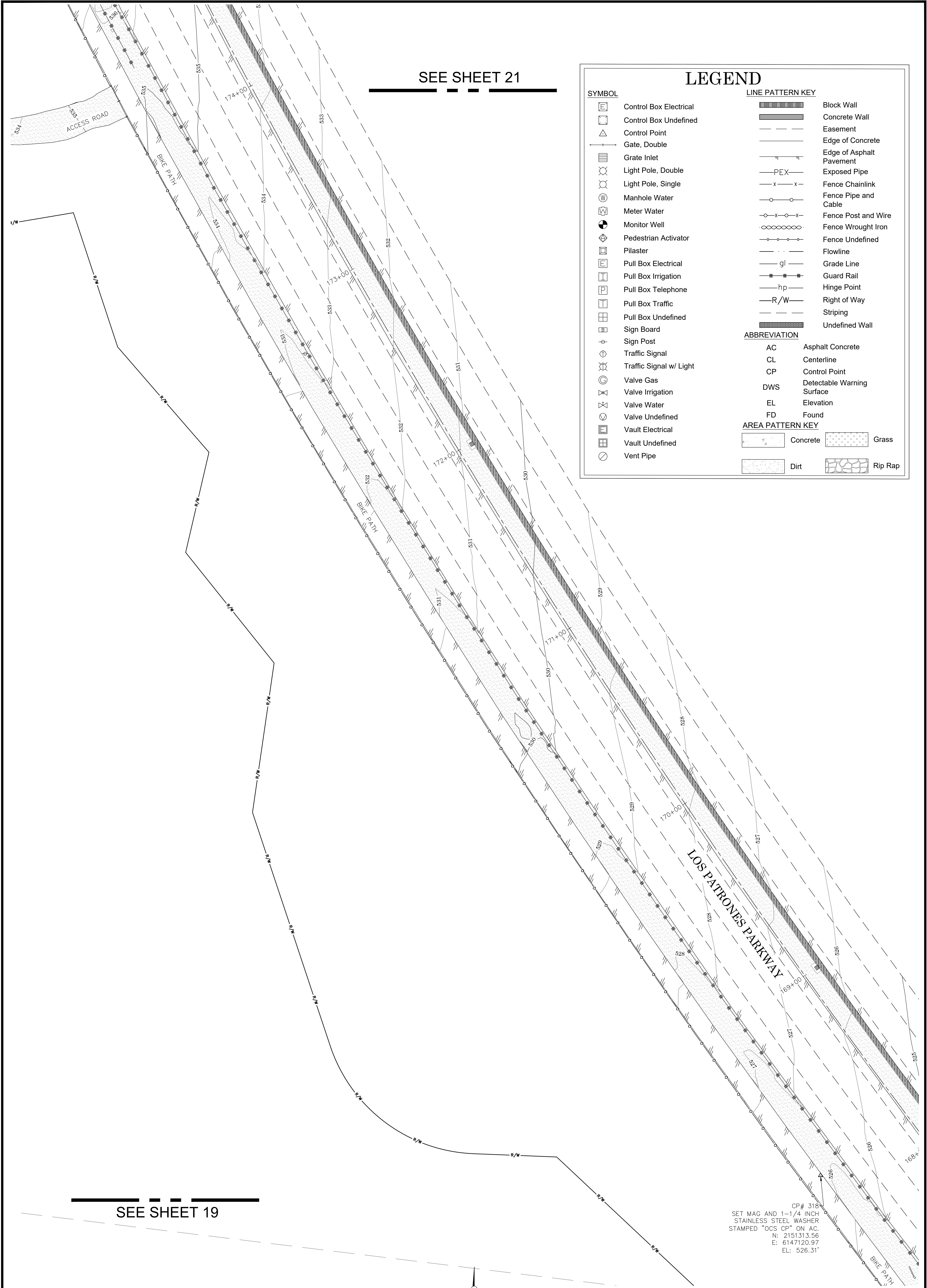
U.S. Survey
Foot

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

LOS PATRONES PARKWAY
SAFETY IMPROVEMENTS

COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
TOPOGRAPHIC MAP			
PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE TO OSO PARKWAY			
DATE OF SURVEY: 10/28/2024	BY: MARTINEZ & CREW	SHEET NO. 19 of 37	
MAPPING	BY: K. MARTINEZ, LSIT		
OFFICE CHECK	BY: D. BUSH, PLS	of	
FIELD CHECK	BY: MARTINEZ & CREW		
SCALE: 1" = 20'	W.O. #EQ24007S	FILE #2425PW-CM0007	
FILE: LOS PATRONES PKWY TOPO 2024.DWG			

MARK	DATE	ITEM
REVISIONS		



SEE SHEET 21

LEGEND

SYMBOL		LINE PATTERN KEY	
	Control Box Electrical		Block Wall
	Control Box Undefined		Concrete Wall
	Control Point		Easement
	Gate, Double		Edge of Concrete
	Grate Inlet		Edge of Asphalt Pavement
	Light Pole, Double		Exposed Pipe
	Light Pole, Single		Fence Chainlink
	Manhole Water		Fence Pipe and Cable
	Meter Water		Fence Post and Wire
	Monitor Well		Fence Wrought Iron
	Pedestrian Activator		Fence Undefined
	Pilaster		Flowline
	Pull Box Electrical		Grade Line
	Pull Box Irrigation		Guard Rail
	Pull Box Telephone		Hinge Point
	Pull Box Traffic		Right of Way
	Pull Box Undefined		Striping
	Sign Board		Undefined Wall
	Sign Post	ABBREVIATION	
	Traffic Signal	AC	Asphalt Concrete
	Traffic Signal w/ Light	CL	Centerline
	Valve Gas	CP	Control Point
	Valve Irrigation	DWS	Detectable Warning Surface
	Valve Water	EL	Elevation
	Valve Undefined	FD	Found
	Vault Electrical	AREA PATTERN KEY	
	Vault Undefined		Concrete
	Vent Pipe		Dirt
			Grass
			Rip Rap

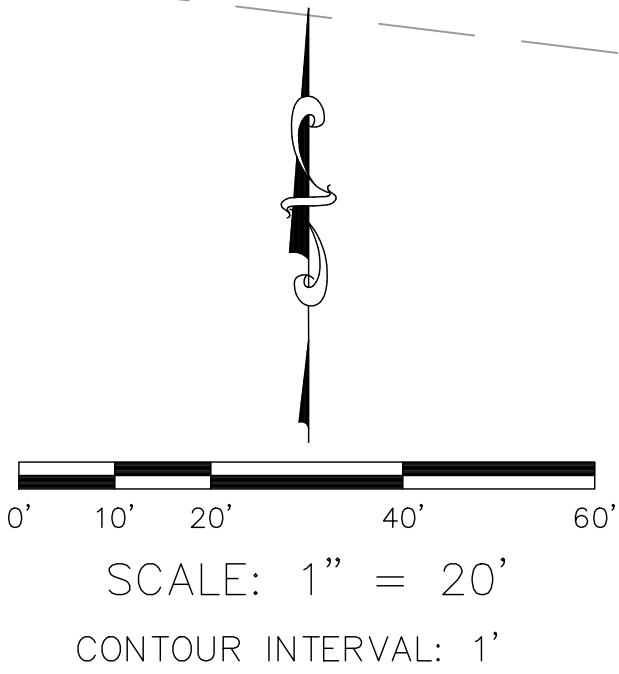
SEE SHEET 19

NOTES

A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.

U.S. Survey
Foot

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



CP# 318
SET MAG AND 1-1/4 INCH
STAINLESS STEEL WASHER
STAMPED "OCS CP" ON AC.
N: 2151313.56
E: 6147120.97
EL: 526.31'

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
		LOS PATRONES PARKWAY SAFETY IMPROVEMENTS			
		TOPOGRAPHIC MAP			
		PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE TO OSO PARKWAY			
		DATE OF SURVEY:10/28/2024		BY:MARTINEZ & CREW	
		MAPPING		BY:D.MARTINEZ, LSIT	
		OFFICE CHECK		BY:D.BUSH, PLS	
		FIELD CHECK		BY:MARTINEZ & CREW	
		SCALE:1" = 20'		W.O. #E024007S	
		FILE:LOS PATRONES PKWY TOPO 2024.DWG		FILE # 2425PW-CM0007	
MARK	DATE	ITEM		SHEET NO. 20 of 37	
REVISIONS					

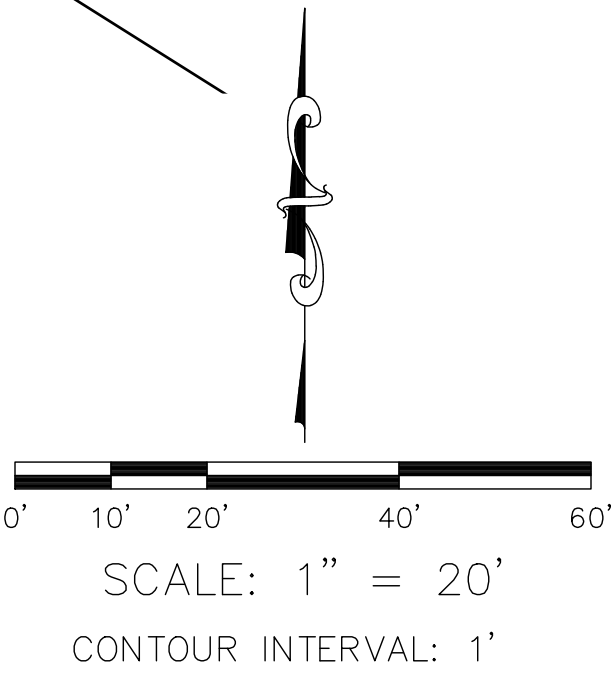
SEE SHEET 22

SEE SHEET 20

NOTES

A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.

U.S. Survey
Foot
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping



SYMBOL

Control Box Electrical

Control Box Undefined

Control Point

Gate, Double

Grate Inlet

Light Pole, Double

Light Pole, Single

Manhole Water

Meter Water

Monitor Well

Pedestrian Activator

Pilaster

Pull Box Electrical

Pull Box Irrigation

Pull Box Telephone

Pull Box Traffic

Pull Box Undefined

Sign Board

Sign Post

Traffic Signal

Traffic Signal w/ Light

Valve Gas

Valve Irrigation

Valve Water

Valve Undefined

Vault Electrical

Vault Undefined

Vent Pipe

LINE PATTERN KEY

Block Wall

Concrete Wall

Easement

Edge of Concrete

Edge of Asphalt Pavement

Exposed Pipe

Fence Chainlink

Fence Pipe and Cable

Fence Post and Wire

Fence Wrought Iron

Fence Undefined

Flowline

Grade Line

Guard Rail

Hinge Point

Right of Way

Striping

Undefined Wall

ABBREVIATION

AC

Asphalt Concrete

CL

Centerline

CP

Control Point

DWS

Detectable Warning Surface

EL

Elevation

FD

Found

AREA PATTERN KEY

Concrete

Grass

Dirt

Rip Rap

CP# 306
SET MAG AND 1-1/4 INCH
STAINLESS STEEL WASHER
STAMPED "OCS CP" ON AC.
N: 2151946.64
E: 6146733.03
EL: 537.48'

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		LOS PATRONES PARKWAY SAFETY IMPROVEMENTS	
		TOPOGRAPHIC MAP	
		PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE TO OSO PARKWAY	
		DATE OF SURVEY: 10/28/2024	
MAPPING		BY: D. MARTINEZ, LSIT	
OFFICE CHECK		BY: D. BUSH, PLS	
FIELD CHECK		BY: MARTINEZ & CREW	
SCALE: 1" = 20'		W.O. #E0240075 FILE #2425PW-CM0007	
REVISIONS		FILE: LOS PATRONES PKWY TOPO 2024.DWG	
MARK	DATE	ITEM	

SEE SHEET 23

CP# 307
SET 1 INCH IRON PIPE WITH 1-1/4
INCH STAINLESS STEEL WASHER
STAMPED "OCS CP" DOWN 0.3 IN DIRT
N: 2152675.02
E: 6146274.47
EL: 622.61'

LEGEND

SYMBOL

- Control Box Electrical
- Control Box Undefined
- Control Point
- Gate, Double
- Grate Inlet
- Light Pole, Double
- Light Pole, Single
- Manhole Water
- Meter Water
- Monitor Well
- Pedestrian Activator
- Pilaster
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Telephone
- Pull Box Traffic
- Pull Box Undefined
- Sign Board
- Sign Post
- Traffic Signal
- Traffic Signal w/ Light
- Valve Gas
- Valve Irrigation
- Valve Water
- Valve Undefined
- Vault Electrical
- Vault Undefined
- Vent Pipe

LINE PATTERN KEY

- Block Wall
- Concrete Wall
- Easement
- Edge of Concrete
- Edge of Asphalt Pavement
- Exposed Pipe
- Fence Chainlink
- Fence Pipe and Cable
- Fence Post and Wire
- Fence Wrought Iron
- Fence Undefined
- Flowline
- Grade Line
- Guard Rail
- Hinge Point
- Right of Way
- Striping
- Undefined Wall

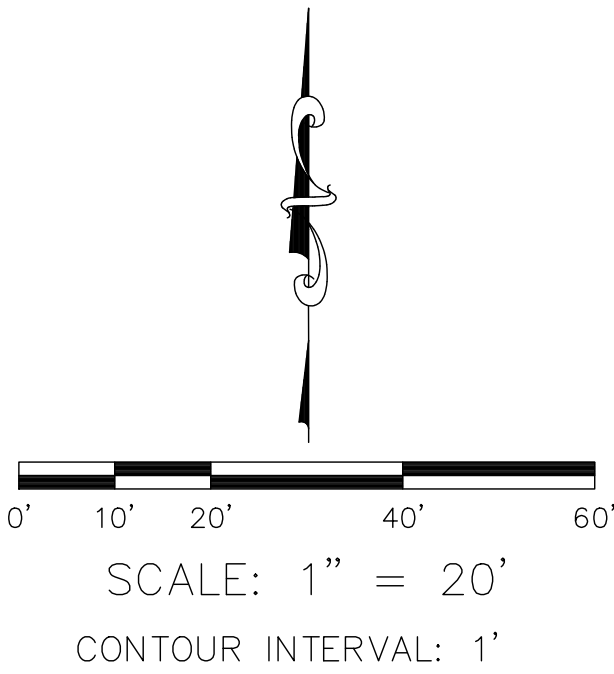
ABBREVIATION

- AC Asphalt Concrete
- CL Centerline
- CP Control Point
- DWS Detectable Warning Surface
- EL Elevation
- FD Found

AREA PATTERN KEY

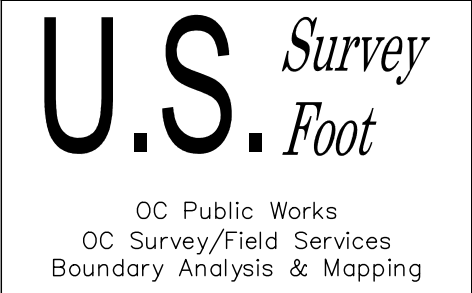
- Concrete
- Dirt
- Grass
- Rip Rap

SEE SHEET 21



NOTES

A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.



		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		LOS PATRONES PARKWAY SAFETY IMPROVEMENTS	
		TOPOGRAPHIC MAP	
		PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE TO OSO PARKWAY	
		DATE OF SURVEY: 10/28/2024	BY: MARTINEZ & CREW
		MAPPING	BY: K. MARTINEZ, LSIT
		OFFICE CHECK	BY: D. BUSH, PLS
		FIELD CHECK	BY: MARTINEZ & CREW
		SCALE: 1" = 20'	W.O. #EQ24007S FILE #2425PW-CM0007
		FILE: LOS PATRONES PKWY TOPO 2024.DWG	
MARK	DATE	ITEM	
REVISIONS			

SEE SHEET 24

CP# 312
SET MAG AND 1-1/4 INCH
STAINLESS STEEL WASHER
STAMPED "OCS CP" ON AC.
N: 2153079.85
E: 6146380.29
EL: 554.92'

LEGEND

SYMBOL	LINE PATTERN KEY

ABBREVIATION	AREA PATTERN KEY
AC	
CL	
CP	
DWS	
EL	
FD	

NOTES

A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.

SEE SHEET 22

0' 10' 20' 40' 60'

SCALE: 1" = 20'

CONTOUR INTERVAL: 1'

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	
		LOS PATRONES PARKWAY SAFETY IMPROVEMENTS	
		TOPOGRAPHIC MAP	
		PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE	
		TO OSO PARKWAY	
		DATE OF SURVEY: 10/28/2024	BY: MARTINEZ & CREW
		MAPPING	BY: K. MARTINEZ, LSIT
		OFFICE CHECK	BY: D. BUSH, PLS
		FIELD CHECK	BY: MARTINEZ & CREW
		SCALE: 1" = 20'	W.O. #EQ24007S
		FILE #2425PW-CM0007	
		FILE: LOS PATRONES PKWY TOPO 2024.DWG	
MARK	DATE	ITEM	
REVISIONS			

SHEET NO.
23
of
37

SEE SHEET 25

CP# 313
SET MAG AND 1-1/4 INCH
STAINLESS STEEL WASHER
STAMPED "OCS CP" ON AC.
N: 2153750.37
E: 6146336.71
EL: 564.77'

SEE SHEET 23

U.S. *Survey*
Foot

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

LOS PATRONES PARKWAY
SAFETY IMPROVEMENTS

TOPOGRAPHIC MAP			
PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE TO OSO PARKWAY			
DATE OF SURVEY:10/28/2024	BY:MARTINEZ & CREW	SHEET NO. 24 of 37	
MAPPING	BY:K.MARTINEZ, LSIT		
OFFICE CHECK	BY:D.BUSH, PLS		
FIELD CHECK	BY:MARTINEZ & CREW		
SCALE:1" = 20'	W.O. #EQ24007S	FILE #2425PW-CM0007	
FILE:LOS PATRONES PKWY TOPO 2024.DWG			

NOTES

A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.

LEGEND

SYMBOL

- Control Box Electrical
- Control Box Undefined
- Control Point
- Gate, Double
- Grate Inlet
- Light Pole, Double
- Light Pole, Single
- Manhole Water
- Meter Water
- Monitor Well
- Pedestrian Activator
- Pilaster
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Telephone
- Pull Box Traffic
- Pull Box Undefined
- Sign Board
- Sign Post
- Traffic Signal
- Traffic Signal w/ Light
- Valve Gas
- Valve Irrigation
- Valve Water
- Valve Undefined
- Vault Electrical
- Vault Undefined
- Vent Pipe

LINE PATTERN KEY

- Block Wall
- Concrete Wall
- Easement
- Edge of Concrete
- Edge of Asphalt Pavement
- Exposed Pipe
- Fence Chainlink
- Fence Pipe and Cable
- Fence Post and Wire
- Fence Wrought Iron
- Fence Undefined
- Flowline
- Grade Line
- Guard Rail
- Hinge Point
- Right of Way
- Striping
- Undefined Wall

ABBREVIATION

- AC Asphalt Concrete
- CL Centerline
- CP Control Point
- DWS Detectable Warning Surface
- EL Elevation
- FD Found

AREA PATTERN KEY

- Concrete
- Grass
- Dirt
- Rip Rap

0' 10' 20' 40' 60'

SCALE: 1" = 20'

CONTOUR INTERVAL: 1'

SEE SHEET 26

CP# 334
SET MAG AND 1-1/4 INCH
STAINLESS STEEL WASHER
STAMPED "OCS CP" ON AC.
N: 2154390.95
E: 6146494.58
EL: 572.47'

LEGEND

SYMBOL

- Control Box Electrical
- Control Box Undefined
- Control Point
- Gate, Double
- Grate Inlet
- Light Pole, Double
- Light Pole, Single
- Manhole Water
- Meter Water
- Monitor Well
- Pedestrian Activator
- Pilaster
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Telephone
- Pull Box Traffic
- Pull Box Undefined
- Sign Board
- Sign Post
- Traffic Signal
- Traffic Signal w/ Light
- Valve Gas
- Valve Irrigation
- Valve Water
- Valve Undefined
- Vault Electrical
- Vault Undefined
- Vent Pipe

LINE PATTERN KEY

- Block Wall
- Concrete Wall
- Easement
- Edge of Concrete
- Edge of Asphalt Pavement
- Exposed Pipe
- Fence Chainlink
- Fence Pipe and Cable
- Fence Post and Wire
- Fence Wrought Iron
- Fence Undefined
- Flowline
- Grade Line
- Guard Rail
- Hinge Point
- Right of Way
- Striping
- Undefined Wall

ABBREVIATION

- AC Asphalt Concrete
- CL Centerline
- CP Control Point
- DWS Detectable Warning Surface
- EL Elevation
- FD Found

AREA PATTERN KEY

- Concrete
- Grass
- Dirt
- Rip Rap

SEE SHEET 24

NOTES

A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.

0' 10' 20' 40' 60'

SCALE: 1" = 20'

CONTOUR INTERVAL: 1'

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	
		LOS PATRONES PARKWAY SAFETY IMPROVEMENTS	
		TOPOGRAPHIC MAP	
		PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE TO OSO PARKWAY	
		DATE OF SURVEY: 10/28/2024	BY: MARTINEZ & CREW
		MAPPING	BY: K. MARTINEZ, LSIT
		OFFICE CHECK	BY: D. BUSH, PLS
		FIELD CHECK	BY: MARTINEZ & CREW
		SCALE: 1" = 20'	W.O. #EQ24007S FILE #2425PW-CM0007
		FILE: LOS PATRONES PKWY TOPO 2024.DWG	
MARK	DATE	ITEM	
REVISIONS			

SHEET NO.
25
of
37

SYMBOL

Control Box Electrical

Control Box Undefined

Control Point

Gate, Double

Grate Inlet

Light Pole, Double

Light Pole, Single

Manhole Water

Meter Water

Monitor Well

Pedestrian Activator

Pilaster

Pull Box Electrical

Pull Box Irrigation

Pull Box Telephone

Pull Box Traffic

Pull Box Undefined

Sign Board

Sign Post

Traffic Signal

Traffic Signal w/ Light

Valve Gas

Valve Irrigation

Valve Water

Valve Undefined

Vault Electrical

Vault Undefined

Vent Pipe

LINE PATTERN KEY

Block Wall

Concrete Wall

Easement

Edge of Concrete

Edge of Asphalt Pavement

Exposed Pipe

Fence Chainlink

Fence Pipe and Cable

Fence Post and Wire

Fence Wrought Iron

Fence Undefined

Flowline

Grade Line

Guard Rail

Hinge Point

Right of Way

Striping

Undefined Wall

ABBREVIATION

AC

Asphalt Concrete

CL

Centerline

CP

Control Point

DWS

Detectable Warning Surface

EL

Elevation

FD

Found

AREA PATTERN KEY

Concrete

Grass

Dirt

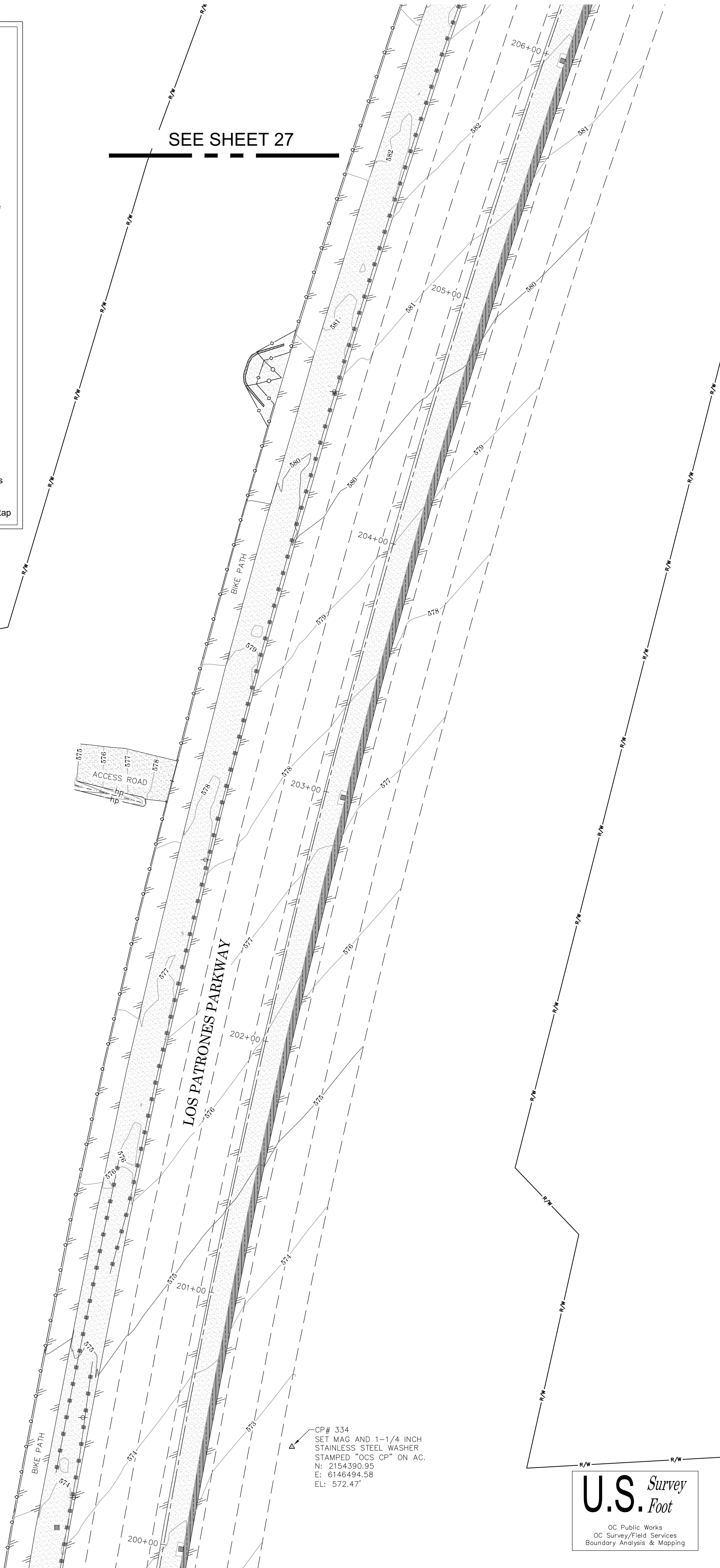
Rip Rap

SEE SHEET 25

0'10'20'40'60'

SCALE: 1" = 20'

CONTOUR INTERVAL: 1'



		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
		LOS PATRONES PARKWAY SAFETY IMPROVEMENTS			
		TOPOGRAPHIC MAP			
		PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE TO OSO PARKWAY			
		DATE OF SURVEY: 10/28/2024		BY: MARTINEZ & CREW	
		MAPPING		BY: D. MARTINEZ, LSIT	
MARK	DATE	OFFICE CHECK		BY: D. BUSH, PLS	
		FIELD CHECK		BY: MARTINEZ & CREW	
		REVISIONS		SCALE: 1" = 20' W.O. #E0240075 FILE: LOS PATRONES PKWY TOPO 2024.DWG	

SHEET NO.

26

of

37

LEGEND

<u>SYMBOL</u>		<u>LINE PATTERN KEY</u>	
	Control Box Electrical		Block Wall
	Control Box Undefined		Concrete Wall
	Control Point		Easement
	Gate, Double		Edge of Concrete
	Grate Inlet		Edge of Asphalt Pavement
	Light Pole, Double		Exposed Pipe
	Light Pole, Single		Fence Chainlink
	Manhole Water		Fence Pipe and Cable
	Meter Water		Fence Post and Wire
	Monitor Well		Fence Wrought Iron
	Pedestrian Activator		Fence Undefined
	Pilaster		Flowline
	Pull Box Electrical		Grade Line
	Pull Box Irrigation		Guard Rail
	Pull Box Telephone		Hinge Point
	Pull Box Traffic		Right of Way
	Pull Box Undefined		Striping
	Sign Board		Undefined Wall
	Sign Post		
	Traffic Signal	<u>ABBREVIATION</u>	
	Traffic Signal w/ Light	AC	Asphalt Concrete
	Valve Gas	CL	Centerline
	Valve Irrigation	CP	Control Point
	Valve Water	DWS	Detectable Warning Surface
	Valve Undefined	EL	Elevation
	Vault Electrical	FD	Found
	Vault Undefined	<u>AREA PATTERN KEY</u>	
	Vent Pipe		Concrete
			Grass

SEE SHEET 28

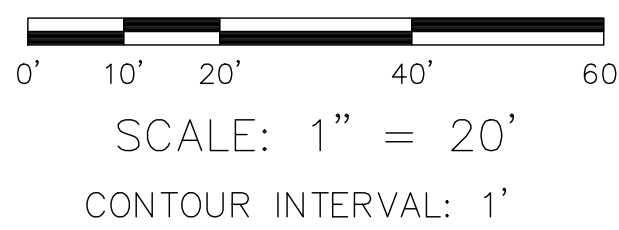
SEE SHEET 26

U.S. Survey Foot

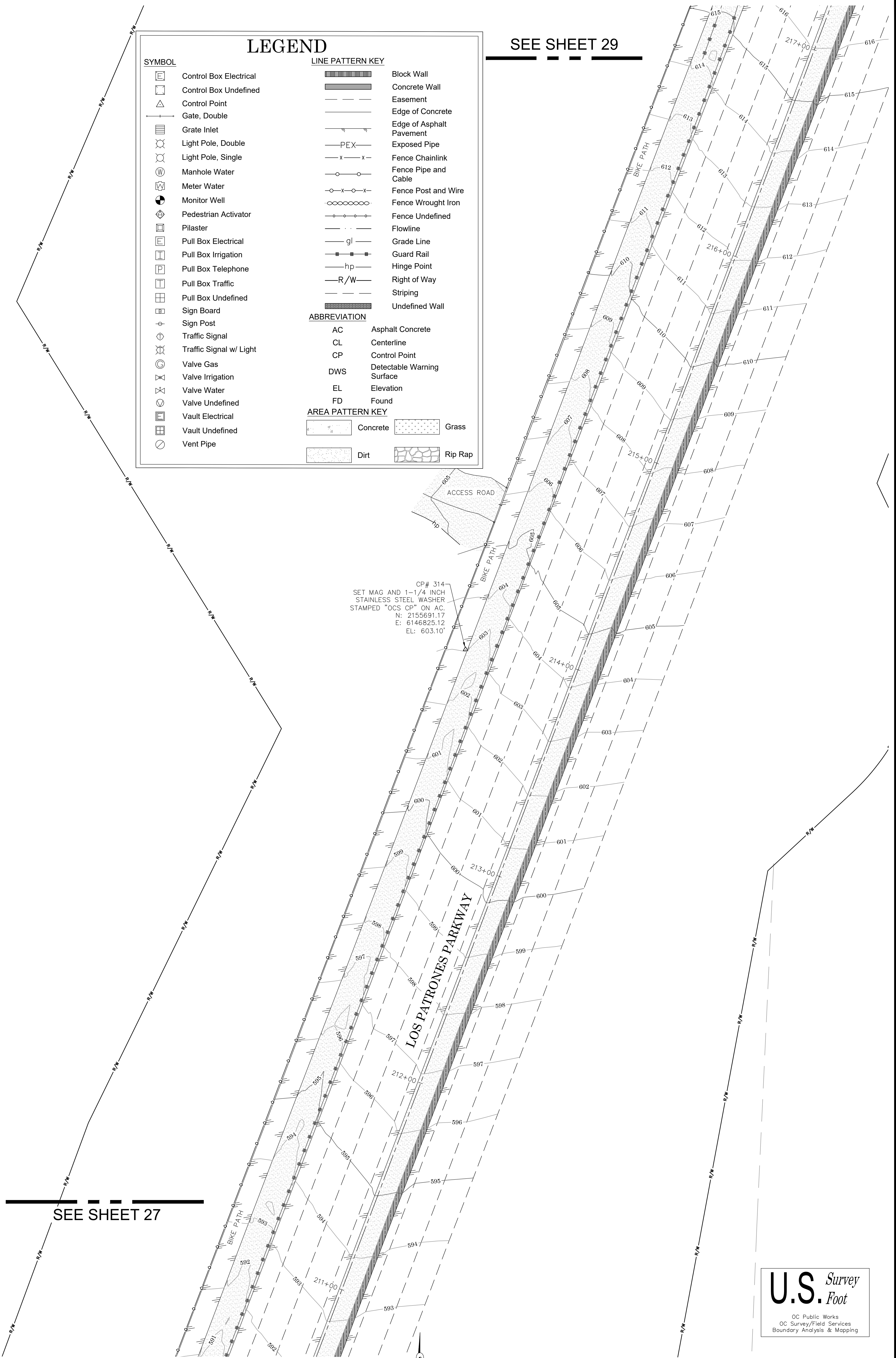
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping

NOTES

A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.



			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
			LOS PATRONES PARKWAY SAFETY IMPROVEMENTS	
			TOPOGRAPHIC MAP	
			PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE	
			TO OSO PARKWAY	
			DATE OF SURVEY: 10/28/2024	BY: MARTINEZ & CREW
			MAPPING	BY: K. MARTINEZ, LSIT
			OFFICE CHECK	BY: D. BUSH, PLS
			FIELD CHECK	BY: MARTINEZ & CREW
MARK	DATE	ITEM	SCALE: 1" = 20' W.O. #E024007S FILE #2425PW-CM0007 FILE: LOS PATRONES PKWY TOPO 2024.DWG	
REVISIONS				



SYMBOL		LINE PATTERN KEY	
	Control Box Electrical		Block Wall
	Control Box Undefined		Concrete Wall
	Control Point		Easement
	Gate, Double		Edge of Concrete
	Grate Inlet		Edge of Asphalt Pavement
	Light Pole, Double		Exposed Pipe
	Light Pole, Single		Fence Chainlink
	Manhole Water		Fence Pipe and Cable
	Meter Water		Fence Post and Wire
	Monitor Well		Fence Wrought Iron
	Pedestrian Activator		Fence Undefined
	Pilaster		Flowline
	Pull Box Electrical		Grade Line
	Pull Box Irrigation		Guard Rail
	Pull Box Telephone		Hinge Point
	Pull Box Traffic		Right of Way
	Pull Box Undefined		Striping
	Sign Board		Undefined Wall
	Sign Post	ABBREVIATION	
	Traffic Signal	AC	Asphalt Concrete
	Traffic Signal w/ Light	CL	Centerline
	Valve Gas	CP	Control Point
	Valve Irrigation	DWS	Detectable Warning Surface
	Valve Water	EL	Elevation
	Valve Undefined	FD	Found
	Vault Electrical	AREA PATTERN KEY	
	Vault Undefined		Concrete
	Vent Pipe		Dirt
			Grass
			Rip Rap

NOTES

A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		LOS PATRONES PARKWAY SAFETY IMPROVEMENTS	
		TOPOGRAPHIC MAP	
		PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE TO OSO PARKWAY	
		DATE OF SURVEY: 10/28/2024	BY: MARTINEZ & CREW
		MAPPING	BY: K. MARTINEZ, LSIT
		OFFICE CHECK	BY: D. BUSH, PLS
		FIELD CHECK	BY: MARTINEZ & CREW
		SCALE: 1" = 20'	W.O. #EQ240075 FILE #2425PW-OM0007
		FILE: LOS PATRONES PKWY TOPO 2024.DWG	
MARK	DATE	ITEM	
REVISIONS			
		SHEET NO.	28 of 37

SYMBOL

Control Box Electrical

Control Box Undefined

Control Point

Gate, Double

Grate Inlet

Light Pole, Double

Light Pole, Single

Manhole Water

Meter Water

Monitor Well

Pedestrian Activator

Pilaster

Pull Box Electrical

Pull Box Irrigation

Pull Box Telephone

Pull Box Traffic

Pull Box Undefined

Sign Board

Sign Post

Traffic Signal

Traffic Signal w/ Light

Valve Gas

Valve Irrigation

Valve Water

Valve Undefined

Vault Electrical

Vault Undefined

Vent Pipe

LINE PATTERN KEY

Block Wall

Concrete Wall

Easement

Edge of Concrete

Edge of Asphalt Pavement

Exposed Pipe

Fence Chainlink

Fence Pipe and Cable

Fence Post and Wire

Fence Wrought Iron

Fence Undefined

Flowline

Grade Line

Guard Rail

Hinge Point

Right of Way

Striping

Undefined Wall

ABBREVIATION

AC

Asphalt Concrete

CL

Centerline

CP

Control Point

DWS

Detectable Warning Surface

EL

Elevation

FD

Found

AREA PATTERN KEY

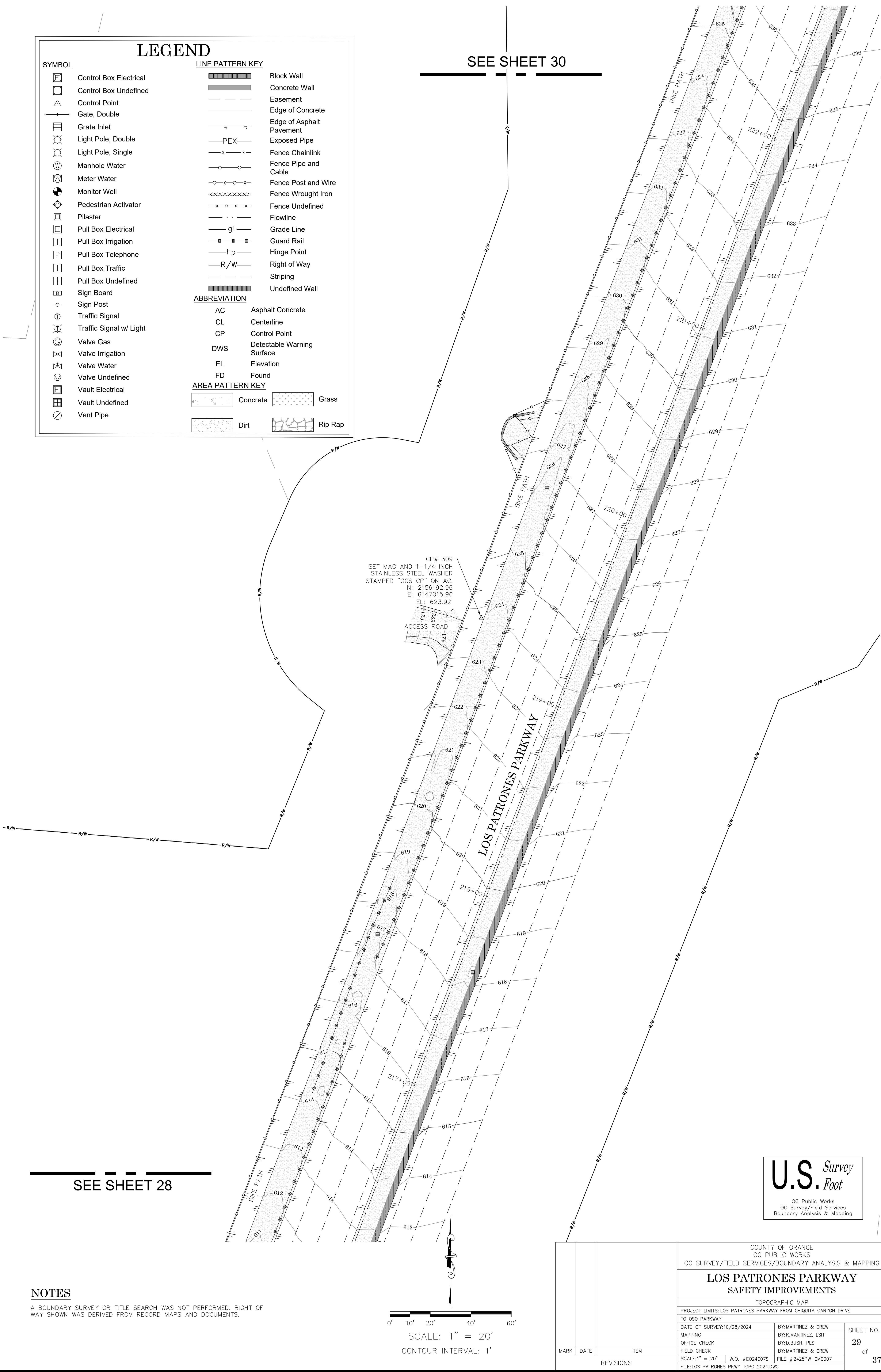
Concrete

Grass

Dirt

Rip Rap

SEE SHEET 30



LEGEND

SYMBOL

- Control Box Electrical
- Control Box Undefined
- Control Point
- Gate, Double
- Grate Inlet
- Light Pole, Double
- Light Pole, Single
- Manhole Water
- Meter Water
- Monitor Well
- Pedestrian Activator
- Pilaster
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Telephone
- Pull Box Traffic
- Pull Box Undefined
- Sign Board
- Sign Post
- Traffic Signal
- Traffic Signal w/ Light
- Valve Gas
- Valve Irrigation
- Valve Water
- Valve Undefined
- Vault Electrical
- Vault Undefined
- Vent Pipe

LINE PATTERN KEY

- Block Wall
- Concrete Wall
- Easement
- Edge of Concrete
- Edge of Asphalt Pavement
- Exposed Pipe
- Fence Chainlink
- Fence Pipe and Cable
- Fence Post and Wire
- Fence Wrought Iron
- Fence Undefined
- Flowline
- Grade Line
- Guard Rail
- Hinge Point
- Right of Way
- Striping
- Undefined Wall

ABBREVIATION

- AC Asphalt Concrete
- CL Centerline
- CP Control Point
- DWS Detectable Warning Surface
- EL Elevation
- FD Found

AREA PATTERN KEY

- Concrete
- Grass
- Dirt
- Rip Rap

SEE SHEET 31

CP# 315
SET MAG AND 1-1/4 INCH
STAINLESS STEEL WASHER
STAMPED "OCS CP" ON AC.
N: 2156962.82
E: 6147307.36
EL: 650.38'

LOS PATRONES PARKWAY

CP# 328
SET MAG AND 1-1/4 INCH
STAINLESS STEEL WASHER
STAMPED "OCS CP" ON AC.
N: 2156485.38
E: 6147230.73
EL: 636.40'

SEE SHEET 29

U.S. Survey
Foot

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

NOTES

A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.

0' 10' 20' 40' 60'

SCALE: 1" = 20'

CONTOUR INTERVAL: 1'

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		LOS PATRONES PARKWAY SAFETY IMPROVEMENTS	
		TOPOGRAPHIC MAP	
		PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE TO OSO PARKWAY	
		DATE OF SURVEY: 10/28/2024	BY: MARTINEZ & CREW
		MAPPING	BY: K. MARTINEZ, LSIT
		OFFICE CHECK	BY: D. BUSH, PLS
		FIELD CHECK	BY: MARTINEZ & CREW
		SCALE: 1" = 20'	W.O. #EQ24007S FILE #2425PW-CM0007
		FILE: LOS PATRONES PKWY TOPO 2024.DWG	
MARK	DATE	ITEM	
REVISIONS			

SHEET NO.
30
of
37

SYMBOL

- LINE PATTERN KEY

- ## ABBREVIATION

- ### AREA PATTERN KEY

-

-

656
LOS PATRONES PARKWAY

C

U.S. Survey Foot

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

A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.

SCALE: 1" = 20'
CONTOUR INTERVAL: 1'

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			<h1 style="text-align: center;">LOS PATRONES PARKWAY</h1> <h2 style="text-align: center;">SAFETY IMPROVEMENTS</h2>			
			TOPOGRAPHIC MAP			
			PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE			
			TO OSO PARKWAY			
			DATE OF SURVEY: 10/28/2024	BY: MARTINEZ & CREW		SHEET NO. <div style="font-size: 2em; text-align: center;">31</div> of <div style="font-size: 2em; text-align: center;">37</div>
			MAPPING		BY: K. MARTINEZ, L.SIT	
			OFFICE CHECK		BY: D. BUSH, PLS	
			FIELD CHECK		BY: MARTINEZ & CREW	
			SCALE: 1" = 20'		W.O. #EQ240075 FILE # 2425PW-00007	
			FILE: LOS PATRONES PKWY TOPO 2024.DWG			
MARK	DATE	ITEM	<div style="text-align: center;">REVISIONS</div>			

SEE SHEET 33

LEGEND

SYMBOL

- Control Box Electrical
- Control Box Undefined
- Control Point
- Gate, Double
- Grate Inlet
- Light Pole, Double
- Light Pole, Single
- Manhole Water
- Meter Water
- Monitor Well
- Pedestrian Activator
- Pilaster
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Telephone
- Pull Box Traffic
- Pull Box Undefined
- Sign Board
- Sign Post
- Traffic Signal
- Traffic Signal w/ Light
- Valve Gas
- Valve Irrigation
- Valve Water
- Valve Undefined
- Vault Electrical
- Vault Undefined
- Vent Pipe

LINE PATTERN KEY

- Block Wall
- Concrete Wall
- Easement
- Edge of Concrete
- Edge of Asphalt Pavement
- Exposed Pipe
- Fence Chainlink
- Fence Pipe and Cable
- Fence Post and Wire
- Fence Wrought Iron
- Fence Undefined
- Flowline
- Grade Line
- Guard Rail
- Hinge Point
- Right of Way
- Striping
- Undefined Wall

ABBREVIATION

- AC Asphalt Concrete
- CL Centerline
- CP Control Point
- DWS Detectable Warning Surface
- EL Elevation
- FD Found

AREA PATTERN KEY

- Concrete
- Grass
- Dirt
- Rip Rap

NOTES

A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.

SEE SHEET 31

0' 10' 20' 40' 60'

SCALE: 1" = 20'

CONTOUR INTERVAL: 1'

LOS PATRONES PARKWAY

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

LOS PATRONES PARKWAY
SAFETY IMPROVEMENTS

TOPOGRAPHIC MAP

PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE

TO OSO PARKWAY

DATE OF SURVEY: 10/28/2024

MAPPING

OFFICE CHECK

FIELD CHECK

SCALE: 1" = 20'

BY: MARTINEZ & CREW

BY: K. MARTINEZ, LSIT

BY: D. BUSH, PLS

BY: MARTINEZ & CREW

FILE #2425PW-CM0007

FILE: LOS PATRONES PKWY TOPO 2024.DWG

SHEET NO.

32

of

37

REVISIONS

SEE SHEET 34

CP# 325
SET MAG AND 1-1/4 INCH
STAINLESS STEEL WASHER
STAMPED "OCS CP" ON AC.
N: 2158552.56
E: 6147710.28
EL: 677.25'

CP# 310
SET MAG AND 1-1/4 INCH
STAINLESS STEEL WASHER
STAMPED "OCS CP" ON AC.
N: 2158254.20
E: 6147557.04
EL: 671.89'

NOTES

A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.

LEGEND

SYMBOL

- Control Box Electrical
- Control Box Undefined
- Control Point
- Gate, Double
- Grate Inlet
- Light Pole, Double
- Light Pole, Single
- Manhole Water
- Meter Water
- Monitor Well
- Pedestrian Activator
- Pilaster
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Telephone
- Pull Box Traffic
- Pull Box Undefined
- Sign Board
- Sign Post
- Traffic Signal
- Traffic Signal w/ Light
- Valve Gas
- Valve Irrigation
- Valve Water
- Valve Undefined
- Vault Electrical
- Vault Undefined
- Vent Pipe

LINE PATTERN KEY

- Block Wall
- Concrete Wall
- Easement
- Edge of Concrete
- Edge of Asphalt Pavement
- Exposed Pipe
- Fence Chainlink
- Fence Pipe and Cable
- Fence Post and Wire
- Fence Wrought Iron
- Fence Undefined
- Flowline
- Grade Line
- Guard Rail
- Hinge Point
- Right of Way
- Striping
- Undefined Wall

ABBREVIATION

- AC Asphalt Concrete
- CL Centerline
- CP Control Point
- DWS Detectable Warning Surface
- EL Elevation
- FD Found

AREA PATTERN KEY

- Concrete
- Dirt
- Grass
- Rip Rap

SEE SHEET 32

U.S. Survey
Foot

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

0' 10' 20' 40' 60'

SCALE: 1" = 20'
CONTOUR INTERVAL: 1'

COUNTY OF ORANGE
OC PUBLIC WORKS
OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING

LOS PATRONES PARKWAY
SAFETY IMPROVEMENTS

TOPOGRAPHIC MAP

PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE

TO OSO PARKWAY

DATE OF SURVEY: 10/28/2024

MAPPING

OFFICE CHECK

FIELD CHECK

SCALE: 1" = 20'

BY: MARTINEZ & CREW

BY: K. MARTINEZ, LSIT

BY: D. BUSH, PLS

BY: MARTINEZ & CREW

W.O. #EQ240075

FILE #2425PW-CM0007

FILE: LOS PATRONES PKWY TOPO 2024.DWG

SHEET NO.

33

of

37

SEE SHEET 35

CP# 311
SET MAG AND 1-1/4 INCH
STAINLESS STEEL WASHER
STAMPED "OCS CP" ON AC.
N: 2159040.98
E: 6147517.46
EL: 680.40'

ACCESS ROAD

LOS PATRONES PARKWAY
ON-RAMP

LOS PATRONES PARKWAY

OFF-RAMP
LOS PATRONES PARKWAY

LEGEND

SYMBOL

- Control Box Electrical
- Control Box Undefined
- Control Point
- Gate, Double
- Grate Inlet
- Light Pole, Double
- Light Pole, Single
- Manhole Water
- Meter Water
- Monitor Well
- Pedestrian Activator
- Pilaster
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Telephone
- Pull Box Traffic
- Pull Box Undefined
- Sign Board
- Sign Post
- Traffic Signal
- Traffic Signal w/ Light
- Valve Gas
- Valve Irrigation
- Valve Water
- Valve Undefined
- Vault Electrical
- Vault Undefined
- Vent Pipe

LINE PATTERN KEY

- Block Wall
- Concrete Wall
- Easement
- Edge of Concrete
- Edge of Asphalt Pavement
- Exposed Pipe
- Fence Chainlink
- Fence Pipe and Cable
- Fence Post and Wire
- Fence Wrought Iron
- Fence Undefined
- Flowline
- Grade Line
- Guard Rail
- Hinge Point
- Right of Way
- Striping
- Undefined Wall

ABBREVIATION

- AC Asphalt Concrete
- CL Centerline
- CP Control Point
- DWS Detectable Warning Surface
- EL Elevation
- FD Found

AREA PATTERN KEY

- Concrete
- Grass
- Dirt
- Rip Rap

SEE SHEET 33

NOTES

A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.

0' 10' 20' 40' 60'

SCALE: 1" = 20'

CONTOUR INTERVAL: 1'

CP# 325
SET MAG AND 1-1/4 INCH
STAINLESS STEEL WASHER
STAMPED "OCS CP" ON AC.
N: 2158552.56
E: 6147710.28
EL: 677.25'

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

LOS PATRONES PARKWAY SAFETY IMPROVEMENTS

TOPOGRAPHIC MAP

PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE

TO OSO PARKWAY

DATE OF SURVEY: 10/28/2024

MAPPING

OFFICE CHECK

FIELD CHECK

SCALE: 1" = 20'

BY: MARTINEZ & CREW

BY: K. MARTINEZ, LSIT

BY: D. BUSH, PLS

BY: MARTINEZ & CREW

W.O. #EQ24007S

FILE #2425PW-CM0007

FILE: LOS PATRONES PKWY TOPO 2024.DWG

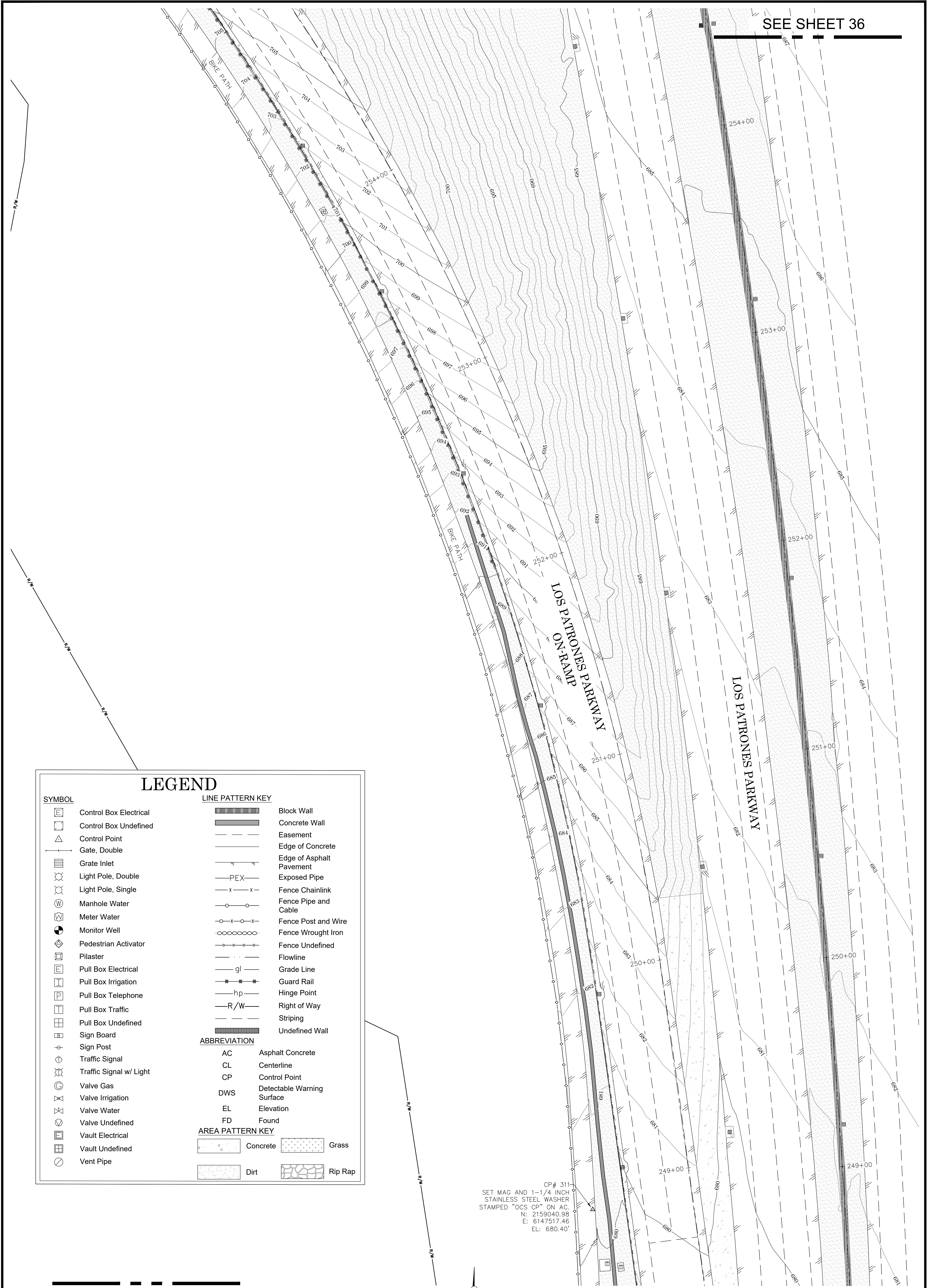
SHEET NO.

34

of

37

REVISIONS



SEE SHEET 36

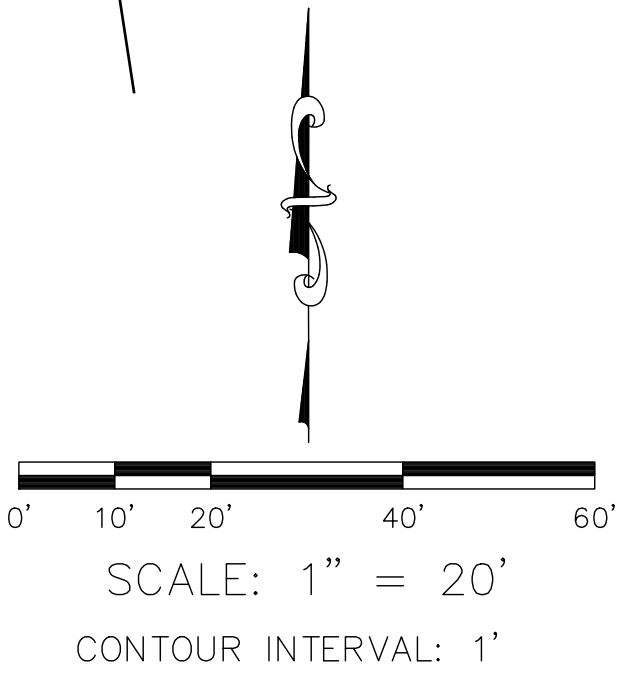
SEE SHEET 34

NOTES

A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.

U.S. Survey
Foot

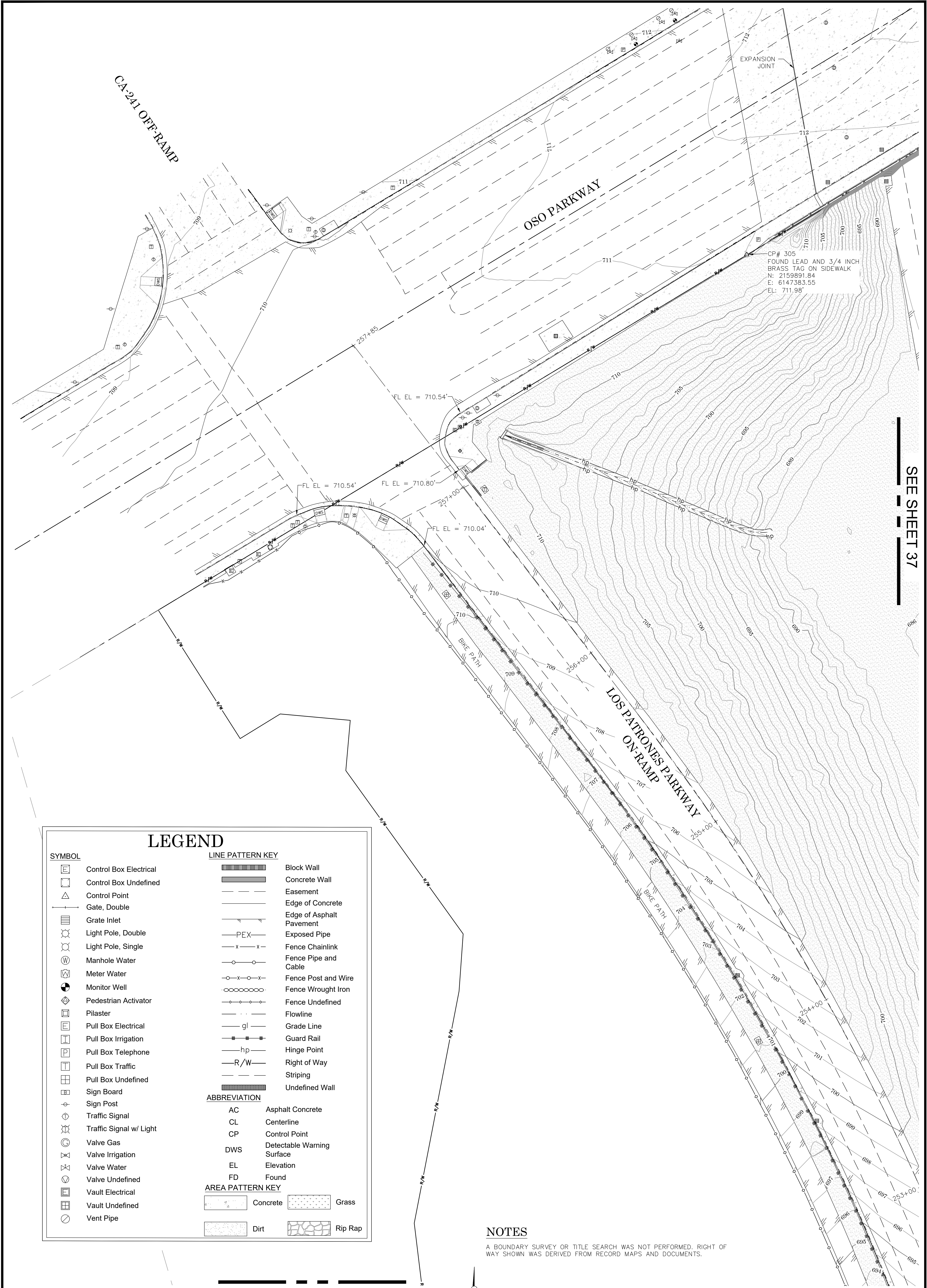
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping



SCALE: 1" = 20'

CONTOUR INTERVAL: 1'

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING					
			LOS PATRONES PARKWAY SAFETY IMPROVEMENTS					
			TOPOGRAPHIC MAP					
			PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE TO OSO PARKWAY					
			DATE OF SURVEY: 10/28/2024		BY: MARTINEZ & CREW		SHEET NO. 35 of 37	
			MAPPING		BY: K. MARTINEZ, LSIT			
			OFFICE CHECK		BY: D. BUSH, PLS			
			FIELD CHECK		BY: MARTINEZ & CREW			
			MARK	DATE	ITEM	SCALE: 1" = 20' W.O. #E0240075		FILE # 2425PW-CM0007
			REVISIONS			FILE: LOS PATRONES PKWY TOPO 2024.DWG		



SEE SHEET 37

LEGEND

SYMBOL

- Control Box Electrical
- Control Box Undefined
- Control Point
- Gate, Double
- Grate Inlet
- Light Pole, Double
- Light Pole, Single
- Manhole Water
- Meter Water
- Monitor Well
- Pedestrian Activator
- Pilaster
- Pull Box Electrical
- Pull Box Irrigation
- Pull Box Telephone
- Pull Box Traffic
- Pull Box Undefined
- Sign Board
- Sign Post
- Traffic Signal
- Traffic Signal w/ Light
- Valve Gas
- Valve Irrigation
- Valve Water
- Valve Undefined
- Vault Electrical
- Vault Undefined
- Vent Pipe

LINE PATTERN KEY

- Block Wall
- Concrete Wall
- Easement
- Edge of Concrete
- Edge of Asphalt Pavement
- Exposed Pipe
- Fence Chainlink
- Fence Pipe and Cable
- Fence Post and Wire
- Fence Wrought Iron
- Fence Undefined
- Flowline
- Grade Line
- Guard Rail
- Hinge Point
- Right of Way
- Striping
- Undefined Wall

ABBREVIATION

- AC Asphalt Concrete
- CL Centerline
- CP Control Point
- DWS Detectable Warning Surface
- EL Elevation
- FD Found

AREA PATTERN KEY

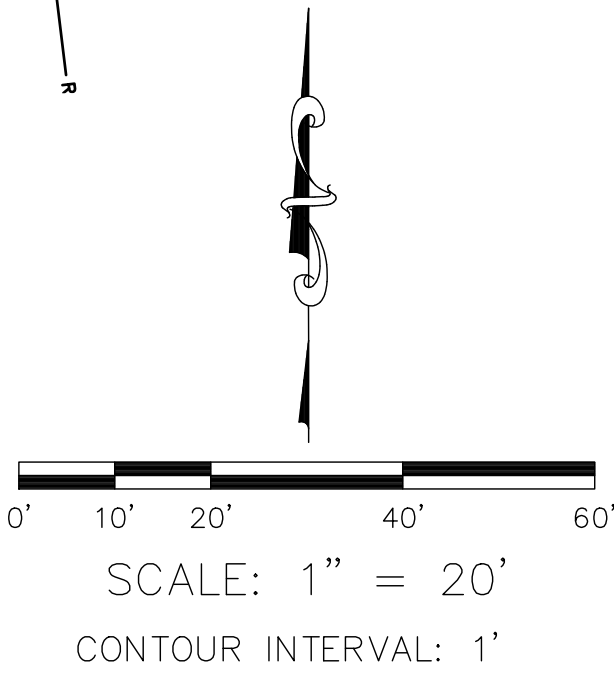
- Concrete
- Grass
- Dirt
- Rip Rap

NOTES

A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.

SEE SHEET 35

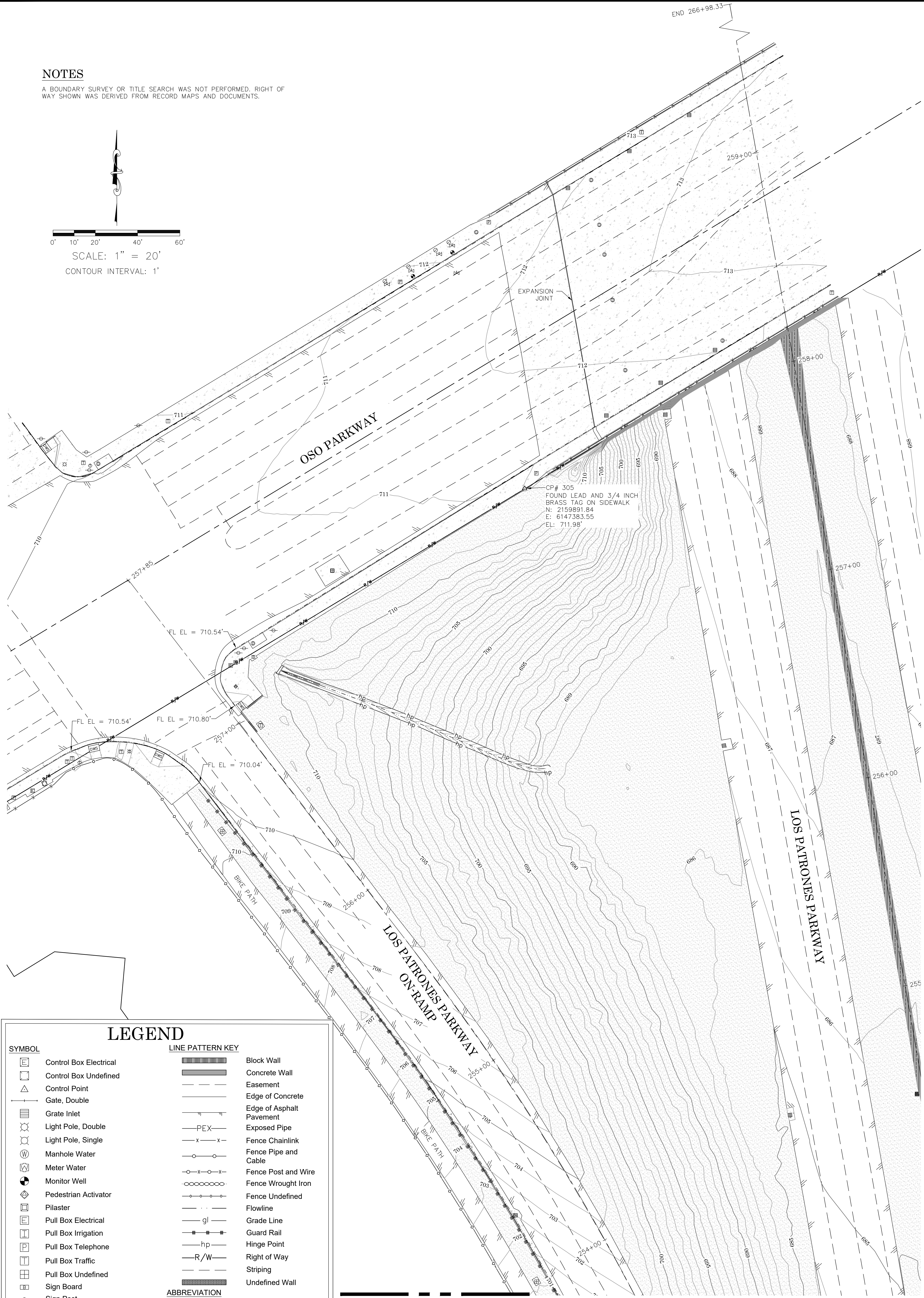
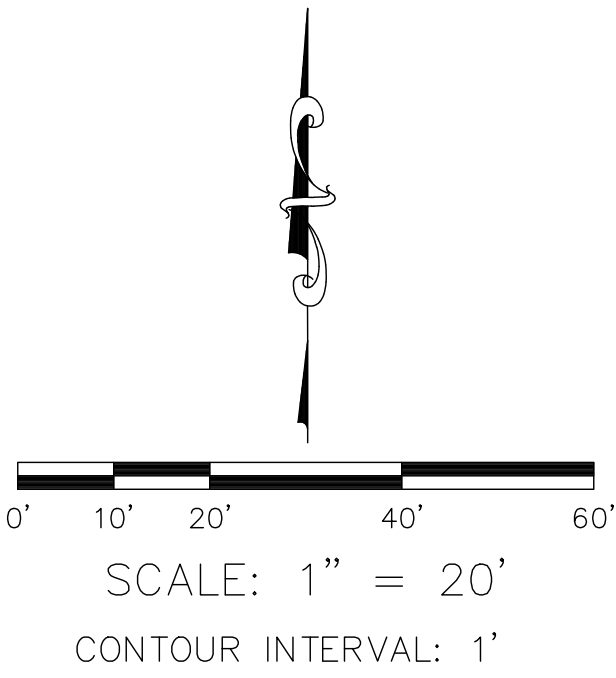
U.S. Survey Foot
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping



		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		LOS PATRONES PARKWAY SAFETY IMPROVEMENTS	
		TOPOGRAPHIC MAP	
		PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE TO OSO PARKWAY	
		DATE OF SURVEY: 10/28/2024	BY: MARTINEZ & CREW
		MAPPING	BY: K. MARTINEZ, LSIT
		OFFICE CHECK	BY: D. BUSH, PLS
		FIELD CHECK	BY: MARTINEZ & CREW
		SCALE: 1" = 20'	W.O. #EQ240075 FILE #2425PW-CM0007
		FILE: LOS PATRONES PKWY TOPO 2024.DWG	
MARK	DATE	ITEM	
REVISIONS			
			SHEET NO. 36 of 37

NOTES

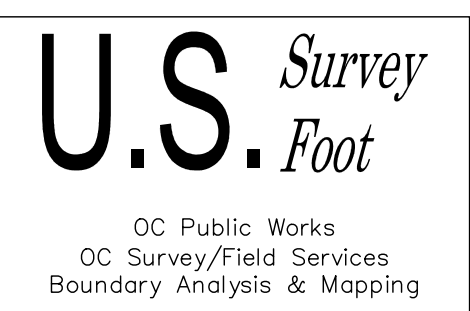
A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.



LEGEND

SYMBOL		LINE PATTERN KEY	
	Control Box Electrical		Block Wall
	Control Box Undefined		Concrete Wall
	Control Point		Easement
	Gate, Double		Edge of Concrete
	Grate Inlet		Edge of Asphalt Pavement
	Light Pole, Double		Exposed Pipe
	Light Pole, Single		Fence Chainlink
	Manhole Water		Fence Pipe and Cable
	Meter Water		Fence Post and Wire
	Monitor Well		Fence Wrought Iron
	Pedestrian Activator		Fence Undefined
	Pilaster		Flowline
	Pull Box Electrical		Grade Line
	Pull Box Irrigation		Guard Rail
	Pull Box Telephone		Hinge Point
	Pull Box Traffic		Right of Way
	Pull Box Undefined		Striping
	Sign Board		Undefined Wall
	Sign Post	ABBREVIATION	
	Traffic Signal	AC	Asphalt Concrete
	Traffic Signal w/ Light	CL	Centerline
	Valve Gas	CP	Control Point
	Valve Irrigation	DWS	Detectable Warning Surface
	Valve Water	EL	Elevation
	Valve Undefined	FD	Found
	Vault Electrical	AREA PATTERN KEY	
	Vault Undefined		Concrete
	Vent Pipe		Grass
			Dirt
			Rip Rap

SEE SHEET 36



			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			LOS PATRONES PARKWAY SAFETY IMPROVEMENTS				
			TOPOGRAPHIC MAP				
			PROJECT LIMITS: LOS PATRONES PARKWAY FROM CHIQUITA CANYON DRIVE TO OSO PARKWAY				
			DATE OF SURVEY:10/28/2024		BY:MARTINEZ & CREW		SHEET NO. 37 of 37
			MAPPING		BY:K.MARTINEZ, LSIT		
			OFFICE CHECK		BY:D.BUSH, PLS		
MARK	DATE	ITEM	FIELD CHECK		BY:MARTINEZ & CREW		
			SCALE:1" = 20' W.O. #E024007S FILE #2425PW-CM0007				
REVISIONS			FILE:LOS PATRONES PKWY TOPO 2024.DWG				