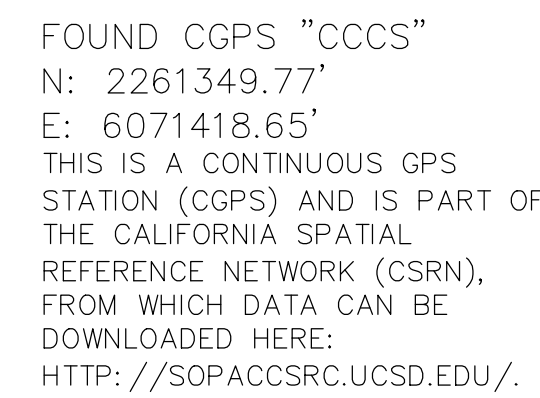
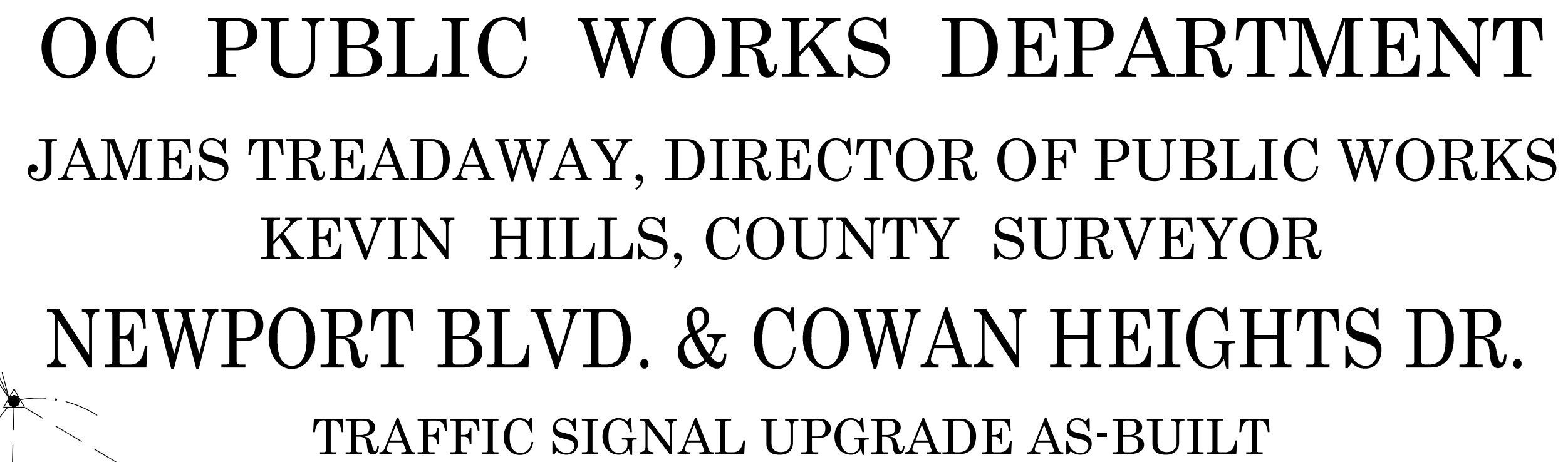
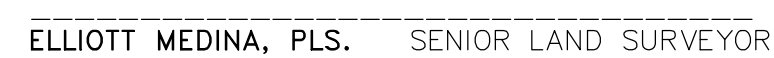




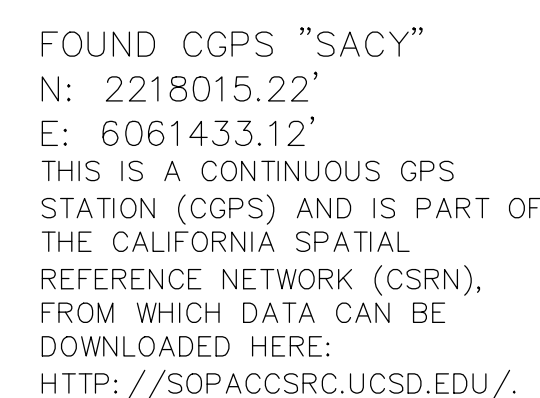
SENIOR LAND SURVEYOR'S CERTIFICATE:

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME
OR UNDER MY DIRECTION IN CONFORMANCE WITH
REQUIREMENTS OF THE PROFESSIONAL LAND SURVEYOR'S
ACT; THIS 27TH DAY OF MAY, 2021.



DEPUTY COUNTY SURVEYOR'S STATEMENT:

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH THE
PROFESSIONAL LAND SURVEYOR'S ACT; THIS 27TH DAY
OF MAY, 2021.



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 (2007.00) EPOCH ADJUSTMENT, AS DETERMINED LOCALLY BY A LINE BETWEEN CONTINUOUS GLOBAL POSITIONING STATIONS COPS STATIONS (SACY) AND (CCCS) BEING NORTH 12°58'34" 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 (2007.00) EPOCH ADJUSTMENT.

ALL DISTANCES SHOWN ARE GRID, UNLESS OTHERWISE NOTED. TO OBTAIN GROUND DISTANCES MULTIPLY GRID BY A COMBINED FACTOR OF 1.00003063.

COMBINATION FACTOR WAS HELD AT: 301
N: 2228965.60" E: 6096657.27" ELEVATION= 457.38'

VERTICAL DATUM

O.C.S. BM. 3A-123-05 ELEV. = 457.18' YEAR LEVELED: 2005
NAVD 1988 (O.C.S. 1995 ADJUSTMENT)

DESCRIPTION: FOUND 3 3/4" OCS ALUMINUM BENCHMARK DISK STAMPED "3A-123-05", SET IN THE SOUTHERLY CORNER OF A 4' BY 23' CONCRETE CATCH BASIN. MONUMENT IS LOCATED IN THE NORTHEASTERLY CORNER OF THE INTERSECTION OF COWAN HEIGHTS DRIVE AND NEWPORT BOULEVARD, +/- 240'. SOUTHEASTERLY OF THE CENTERLINE OF NEWPORT BLVD. AND 21.5 FT. NORTHERLY OF THE CENTERLINE OF COWAN HEIGHTS DR. MONUMENT IS SET LEVEL WITH THE SIDEWALK.

NOTES

THE SURVEY INFORMATION SHOWN HEREON IS TO BE USED FOR TOPOGRAPHIC
RELATIONSHIPS ONLY AND IS NOT INTENDED FOR LAND ACQUISITION OR
BOUNDARY PURPOSES.
PARCELS SHOWN WITHOUT BEARING AND DISTANCES ARE FOR GRAPHICAL
PURPOSES.

SHEET INDEX

SHEET NO.	DESCRIPTION
SHEET 1	TITLE SHEET
SHEETS 2-4	AS-BUILT TOPOGRAPHIC SURVEY

PURPOSE OF SURVEY

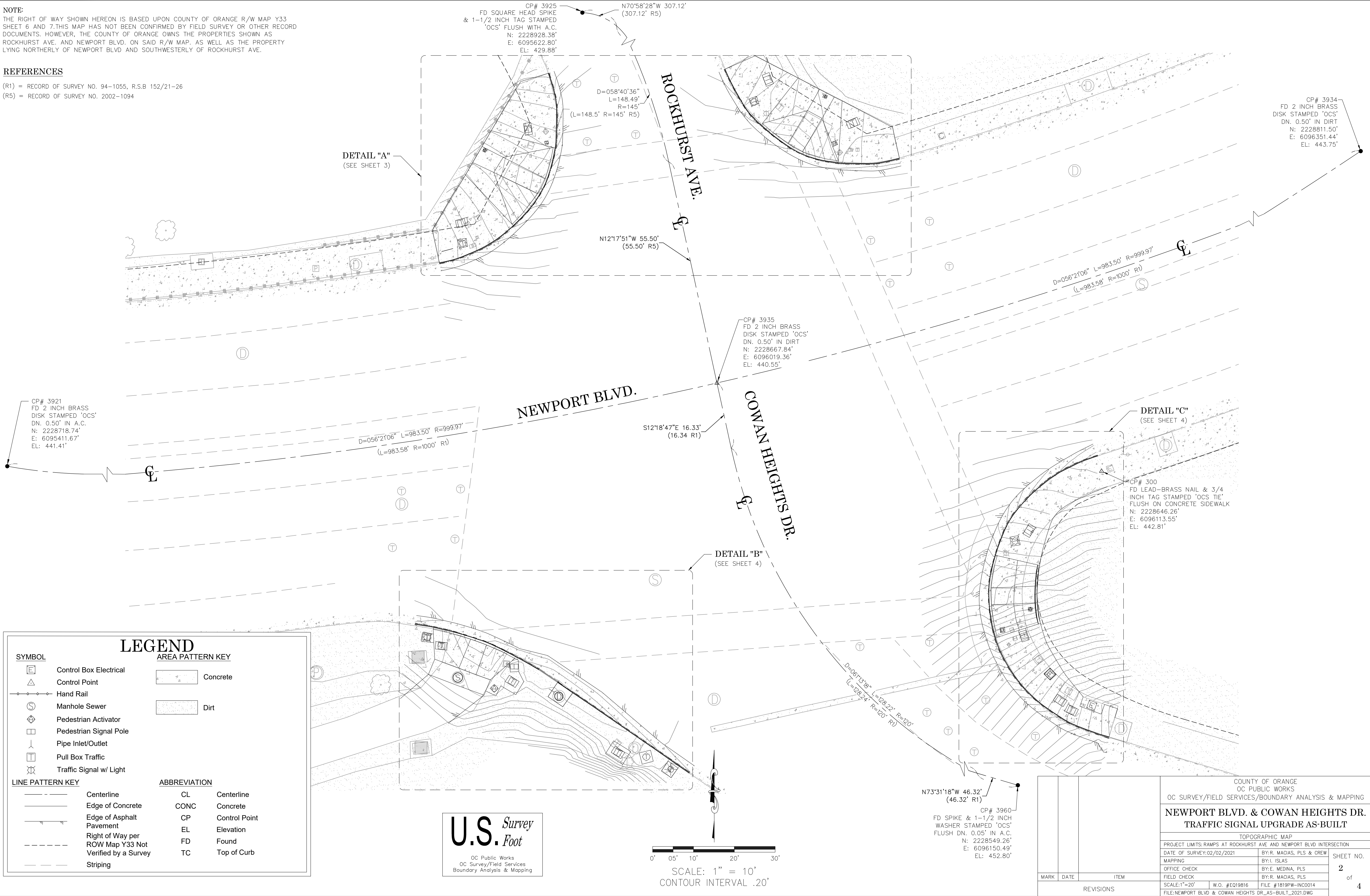
THE PURPOSE OF THE SURVEY IS TO PROVIDE AN AS-BUILT TOPOGRAPHIC MAP OF THE NEW TRAFFIC SIGNALS FOR THE INTERSECTION AT NEWPORT BLVD., AND ROCKHURST AVE./COWAN HEIGHTS DR.

MARK	DATE	ITEM	COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			SHEET NO. 1 of 4
			NEWPORT BLVD. & COWAN HEIGHTS DR. TRAFFIC SIGNAL UPGRADE AS-BUILT			
			TITLE SHEET			
			PROJECT LIMITS: RAMPS AT ROCKHURST AVE. AND NEWPORT BLVD. INTERSECTION			
			DATE OF SURVEY: 02/02/2021	BY: R. MACIAS, PLS & CREW		
			MAPPING	BY: L. ISLAS		
			OFFICE CHECK	BY: E. MEDINA, PLS		
			FIELD CHECK	BY: R. MACIAS, PLS		
			SCALE: N.T.S.	W.O. #019816	FILE #1819PW-IN0014	
			SUNSHINE/NEWPORT BLVD. & COWAN HEIGHTS DR. AS-BUILT T. 2021.DWG			

NOTE:
THE RIGHT OF WAY SHOWN HEREON IS BASED UPON COUNTY OF ORANGE R/W MAP Y33 SHEET 6 AND 7. THIS MAP HAS NOT BEEN CONFIRMED BY FIELD SURVEY OR OTHER RECORD DOCUMENTS. HOWEVER, THE COUNTY OF ORANGE OWNS THE PROPERTIES SHOWN AS ROCKHURST AVE. AND NEWPORT BLVD. ON SAID R/W MAP, AS WELL AS THE PROPERTY LYING NORTHERLY OF NEWPORT BLVD AND SOUTHWESTERLY OF ROCKHURST AVE.

REFERENCES

(R1) = RECORD OF SURVEY NO. 94-1055, R.S.B 152/21-26
(R5) = RECORD OF SURVEY NO. 2002-1094





DETAIL "A"
N.T.S.

SYMBOL

- Control Box Electrical
- Control Point
- Hand Rail
- Manhole Sewer
- Pedestrian Activator
- Pedestrian Signal Pole
- Pipe Inlet/Outlet
- Pull Box Traffic
- Traffic Signal w/ Light

LINE PATTERN KEY

- Centerline
- Edge of Concrete
- Edge of Asphalt Pavement
- Right of Way per ROW Map Y33 Not Verified by a Survey
- Striping

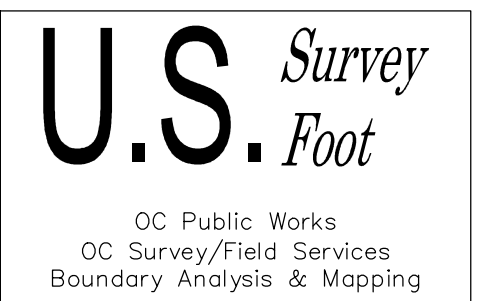
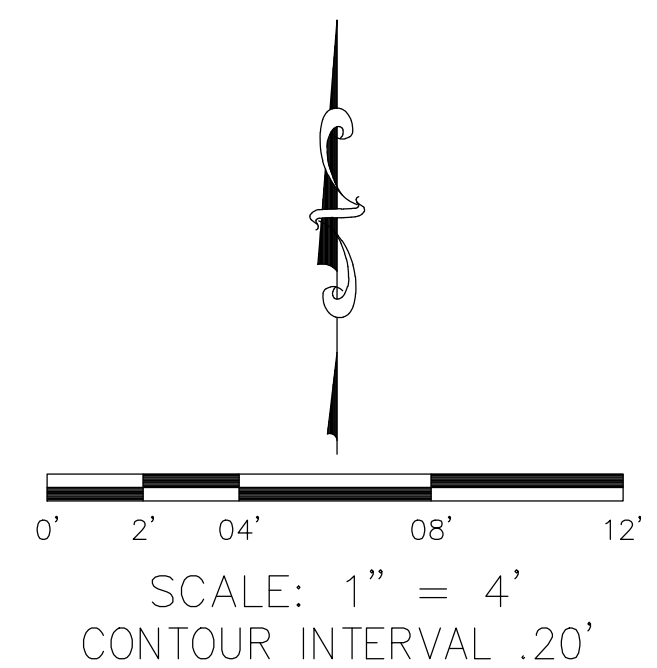
AREA PATTERN KEY

- Concrete
- Dirt

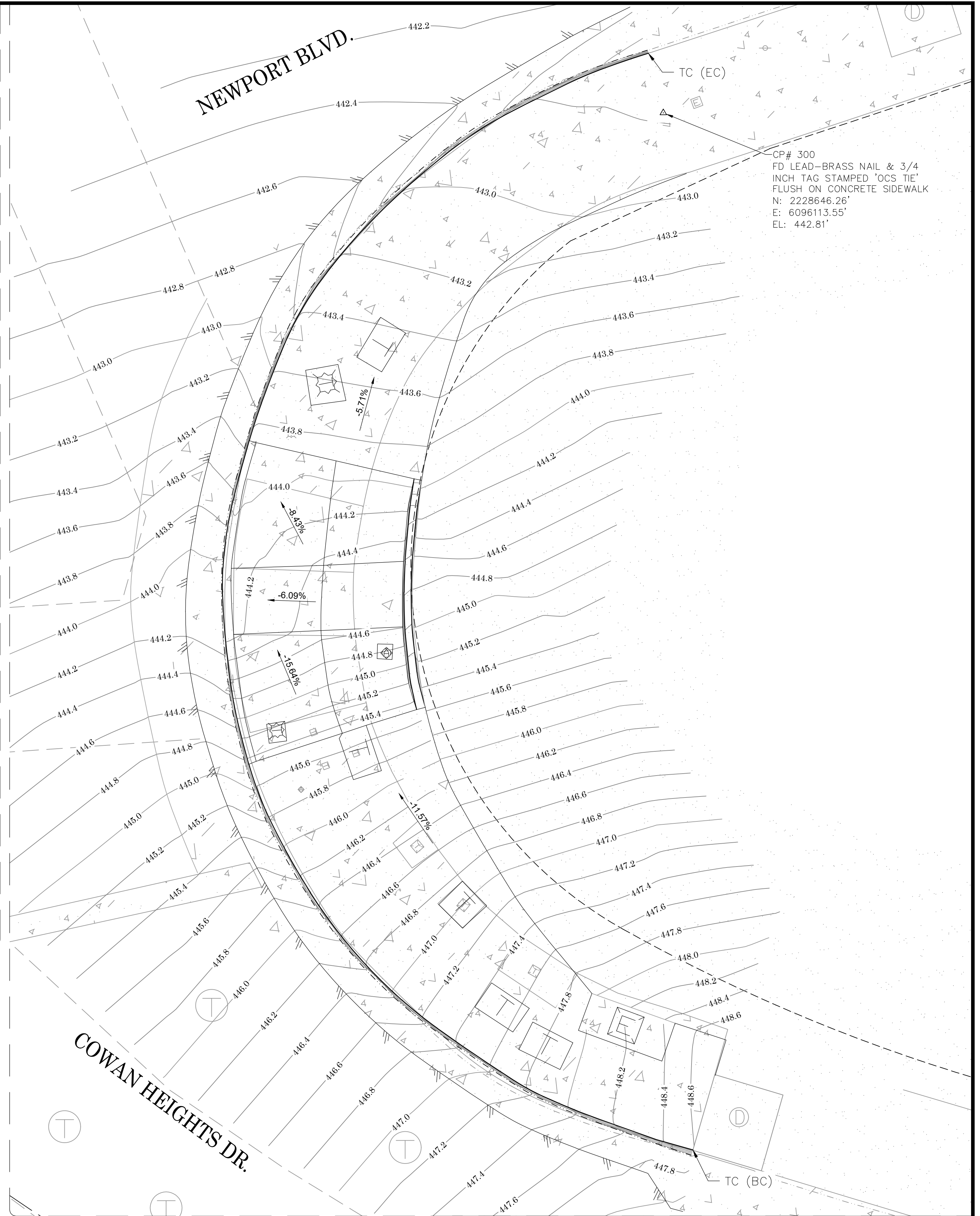
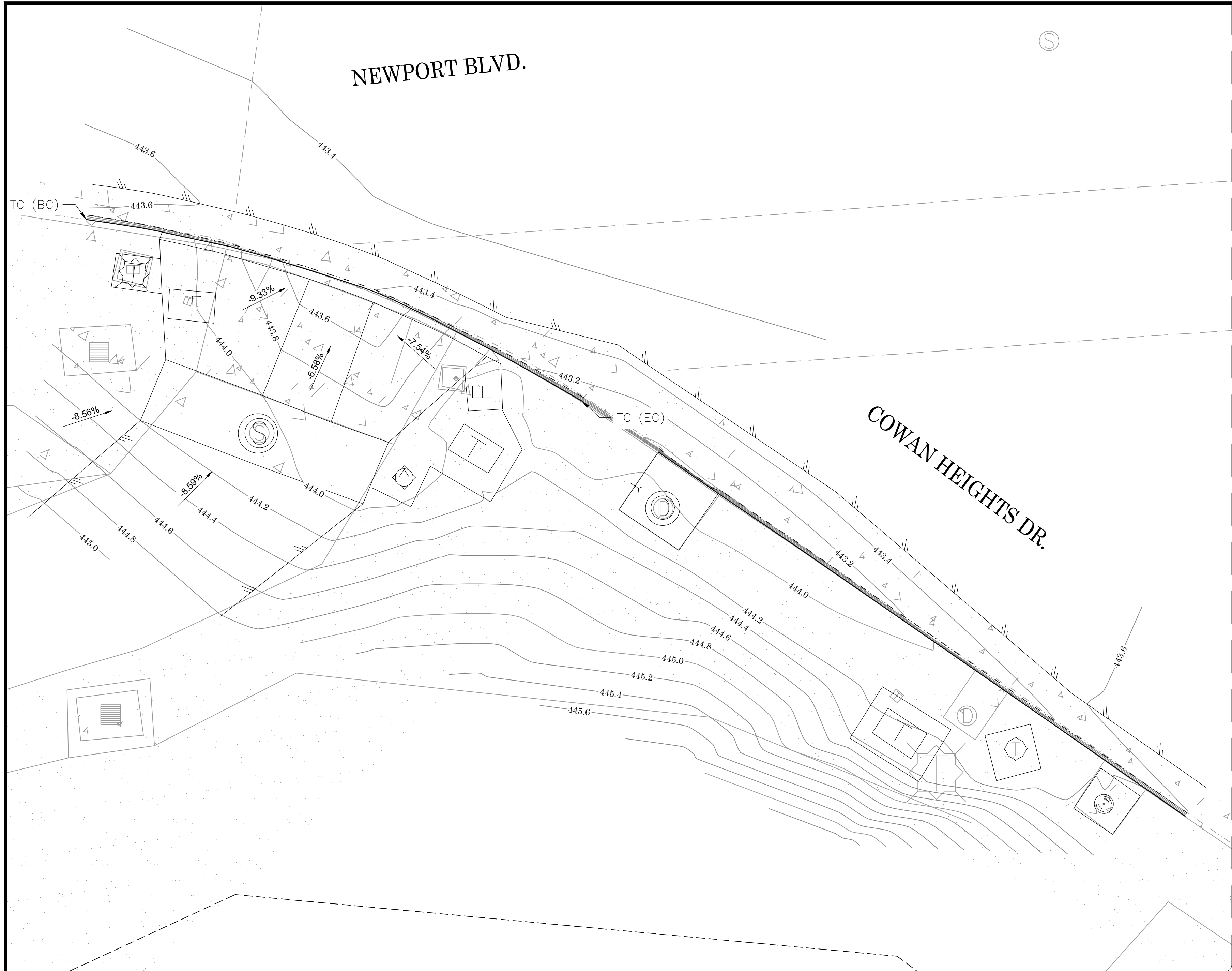
ABBREVIATION

CL	Centerline
CONC	Concrete
CP	Control Point
EL	Elevation
FD	Found
TC	Top of Curb

NOTE:
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COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
NEWPORT BLVD. & COWAN HEIGHTS DR. TRAFFIC SIGNAL UPGRADE AS-BUILT			
TOPOGRAPHIC MAP			
PROJECT LIMITS: RAMP AT ROCKHURST AVE AND NEWPORT BLVD INTERSECTION			
DATE OF SURVEY: 02/02/2021		BY: R. MACIAS, PLS & CREW	
MAPPING		BY: L. ISLAS	
OFFICE CHECK		BY: E. MEDINA, PLS	
FIELD CHECK		BY: R. MACIAS, PLS	
SCALE: 1"=20'		W.O. #EQ19816	
FILE: NEWPORT BLVD & COWAN HEIGHTS DR. AS-BUILT_2021.DWG		FILE #1819PW-INCD014	
MARK	DATE	ITEM	
REVISIONS			
			SHEET NO. 3 of 4



DETAIL "B"
N.T.S.

DETAIL "C"
N.T.S.

SYMBOL

- Control Box Electrical
- Control Point
- Hand Rail
- Manhole Sewer
- Pedestrian Activator
- Pedestrian Signal Pole
- Pipe Inlet/Outlet
- Pull Box Traffic
- Traffic Signal w/ Light

LINE PATTERN KEY

- Centerline
- Edge of Concrete
- Edge of Asphalt Pavement
- Right of Way per ROW Map Y33 Not Verified by a Survey
- Striping

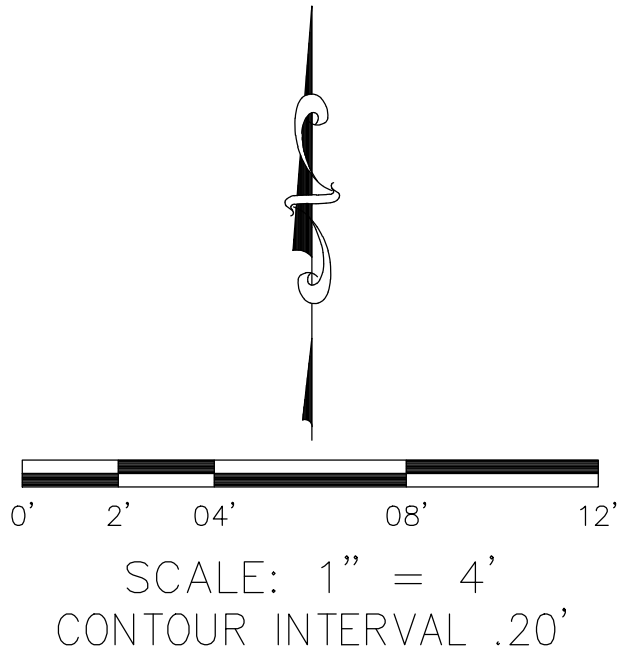
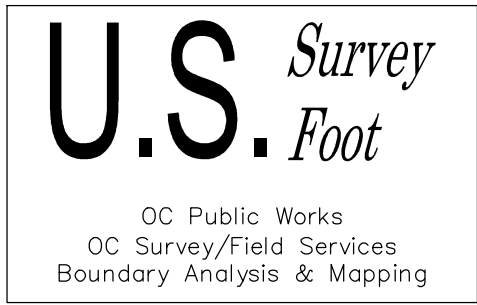
LEGEND

AREA PATTERN KEY

- Concrete
- Dirt

ABBREVIATION

CL	Centerline
CONC	Concrete
CP	Control Point
EL	Elevation
FD	Found
TC	Top of Curb



NOTE:
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COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
NEWPORT BLVD. & COWAN HEIGHTS DR. TRAFFIC SIGNAL UPGRADE AS-BUILT			
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DATE OF SURVEY: 02/02/2021		BY: R. MACIAS, PLS & CREW	
MAPPING		BY: L. ISLAS	
OFFICE CHECK		BY: E. MEDINA, PLS	
FIELD CHECK		BY: R. MACIAS, PLS	
SCALE: 1"=20'		W.O. #E019816	
FILE: NEWPORT BLVD & COWAN HEIGHTS DR. AS-BUILT_2021.DWG		FILE #1819PW-INCD014	
MARK	DATE	ITEM	
REVISIONS			
			SHEET NO.
			4 of 4