



# OC PUBLIC WORKS DEPARTMENT

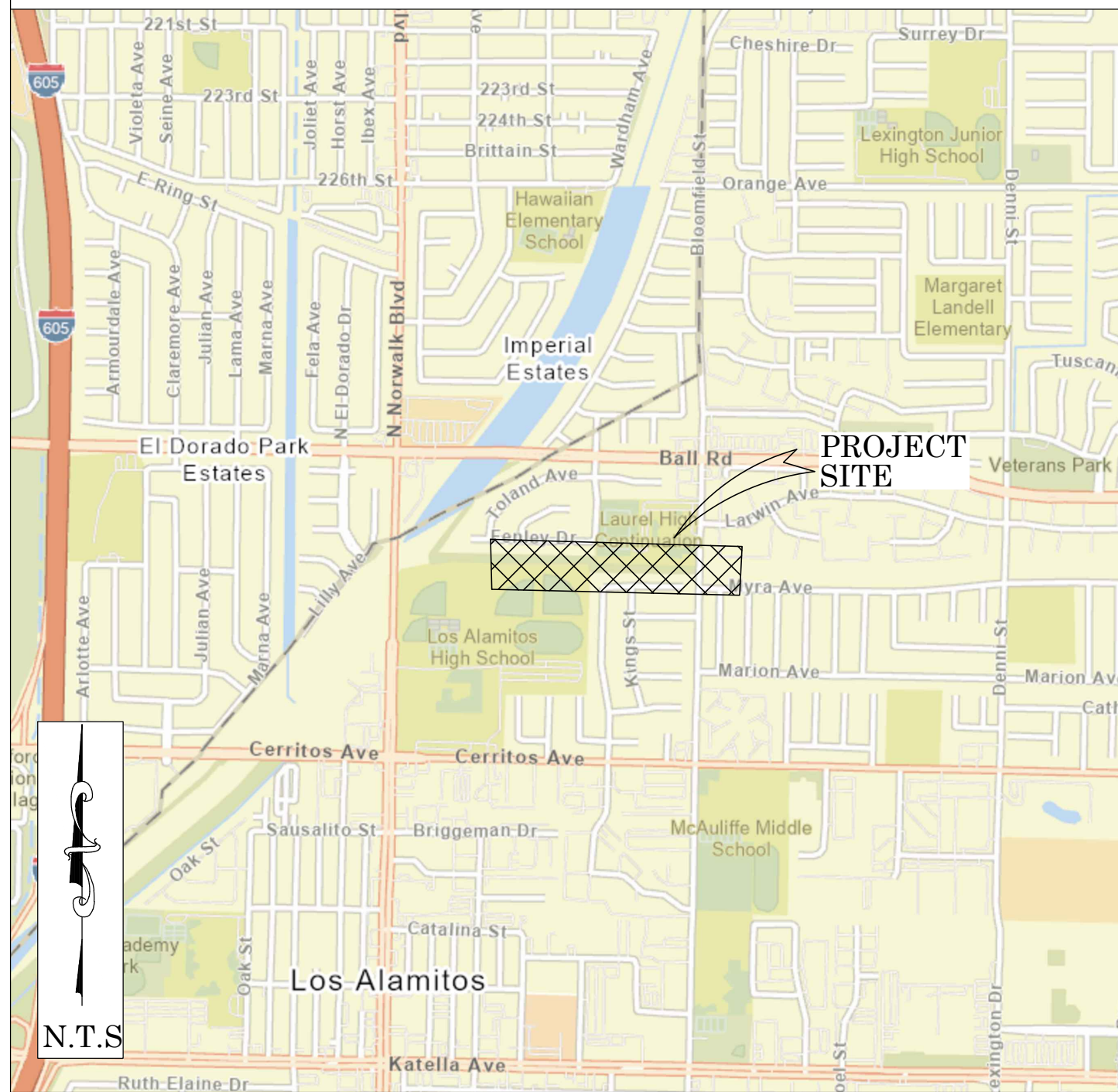
KEVIN ONUMA, DIRECTOR OF PUBLIC WORKS

## CARBON CREEK CHANNEL (B01)

DEBRIS BOOM PROJECT 2025



### 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 9 DAY OF MAY, 2025.

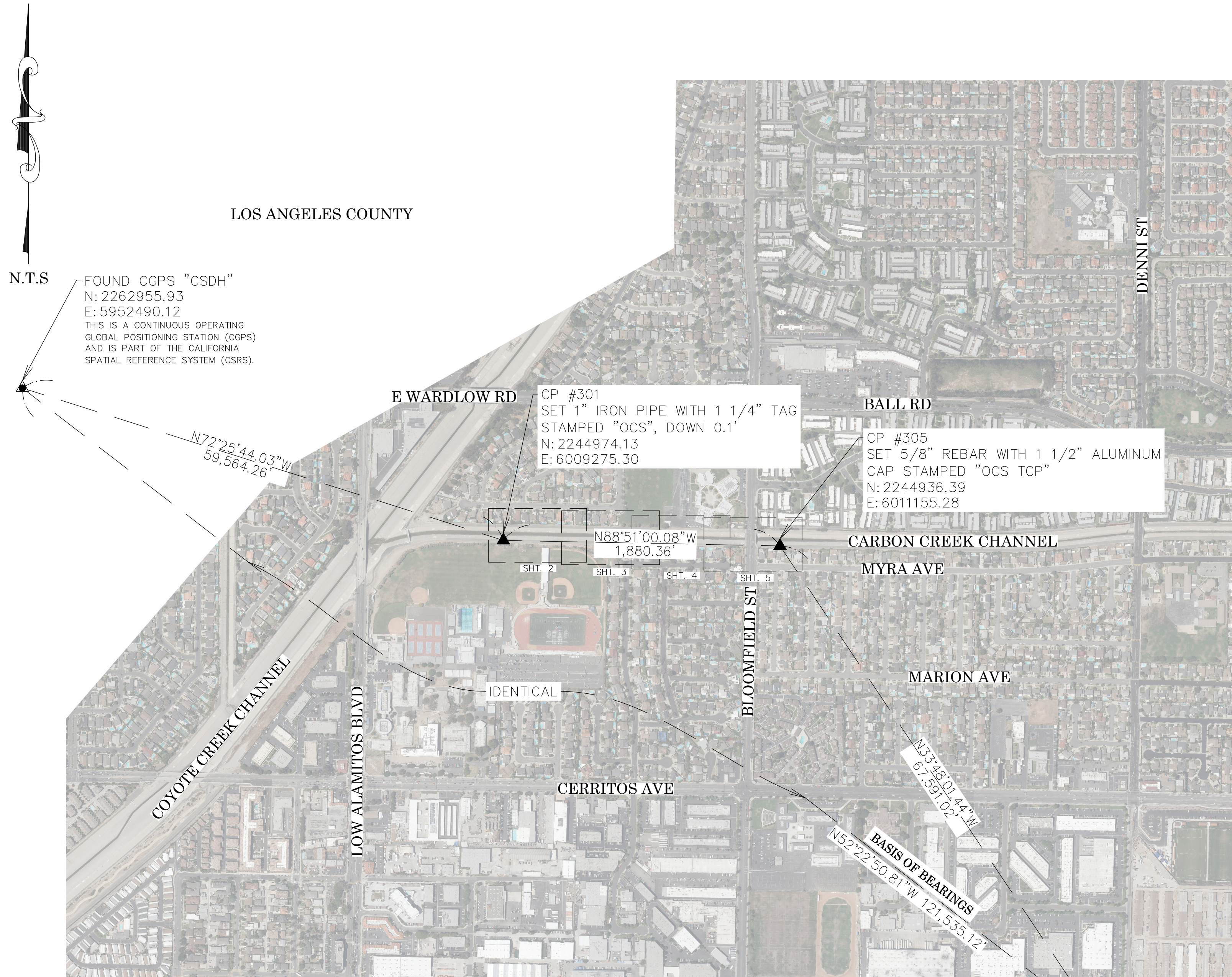
DocuSigned by:  
*Elliott Medina*  
E92B7F1C0735453  
ELLIOTT MEDINA, PLS. SENIOR LAND SURVEYOR



#### SENIOR LAND SURVEYOR'S CERTIFICATE:

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH THE PROFESSIONAL LAND SURVEYORS' ACT; THIS 9 DAY OF MAY, 2025.

DocuSigned by:  
*Tate Loggreen*  
F93B7A5019754C3  
TATE LOGGREEN, PLS. SENIOR LAND SURVEYOR



### 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 "FVPK" AND "CSDH" BEING NORTH 52°22'50.81" WEST 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 1.00000725.  
THIS COMBINATION FACTOR WAS HELD AT: CP# 305  
N: 2244936.39 E: 6011155.28 EL: 35.69'  
ALL DISTANCES ARE BASED ON THE U.S. SURVEY FOOT.

#### VERTICAL DATUM

O.C.S. BM. CC-6 ELEV. = 39.823' YEAR LEVELED: 2005  
NAVD 1988 (O.C.S. 1995 ADJUSTMENT)  
DESCRIPTION: FOUND 3 3/4" US ARMY CORPS OF ENGINEERS BRONZE DISK STAMPED "CC-6 1957", SET IN THE EASTERLY END OF A CONCRETE BRIDGE. MONUMENT IS LOCATED IN THE EASTERLY PORTION OF THE INTERSECTION OF CERRITOS AVENUE AND THE COYOTE CREEK OVERCROSSING, 1.0 FT. SOUTHERLY OF THE CENTERLINE OF CERRITOS AVENUE AND 120 FT. EASTERLY OF THE CENTERLINE OF THE COYOTE CREEK CHANNEL. MONUMENT IS SET 1.0 FT. ABOVE THE ROAD.

#### NOTES

THE SURVEY INFORMATION SHOWN HEREON IS TO BE USED FOR TOPOGRAPHIC RELATIONSHIPS ONLY AND IS NOT INTENDED FOR LAND ACQUISITION OR BOUNDARY PURPOSES.  
ALL RIGHT OF WAY LINES SHOWN HEREON ARE BASED ON THE OC LANDBASE. THEY ARE PLACED HEREON FOR REFERENCE PURPOSED ONLY AND ARE APPROXIMATE IN LOCATION. A BOUNDARY SURVEY WAS NOT PERFORMED.

#### SHEET INDEX

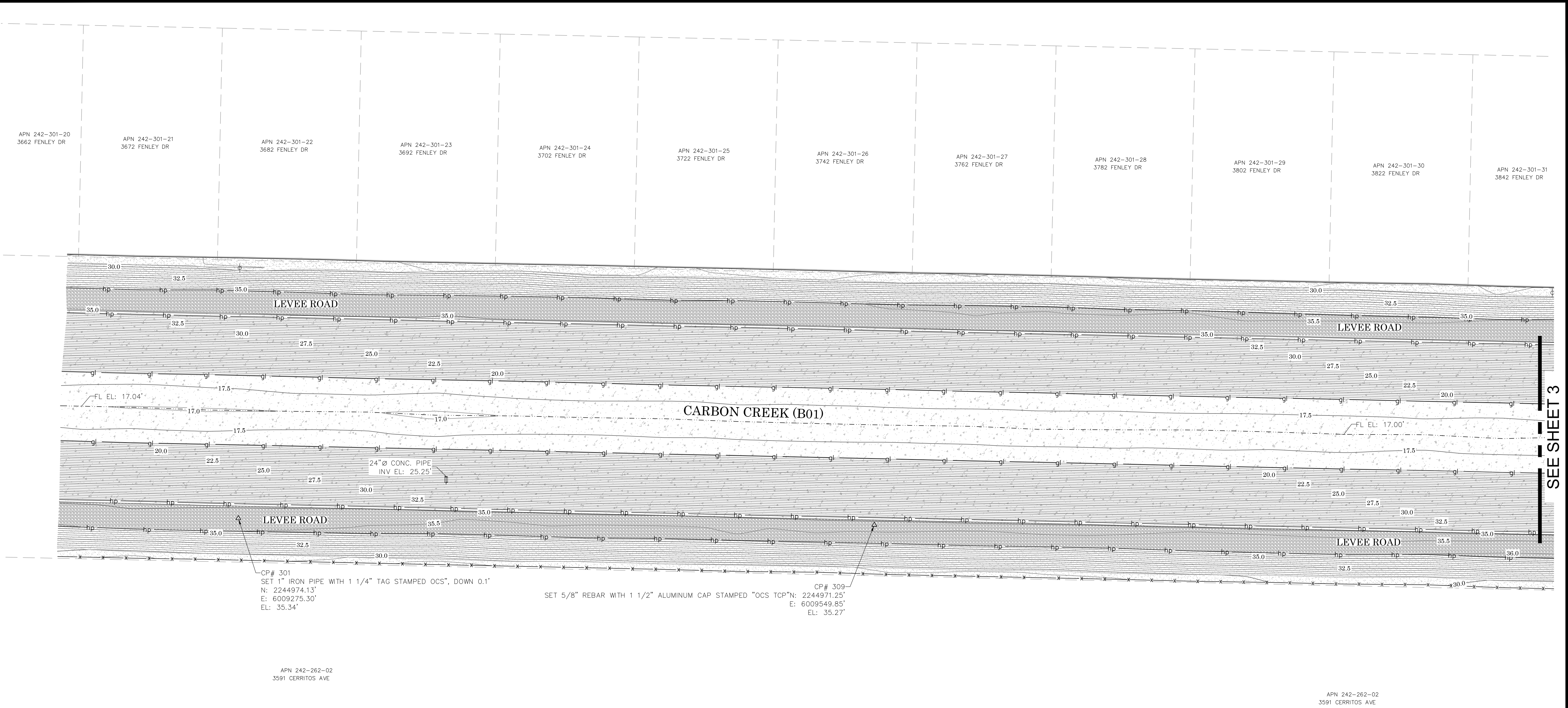
| SHEET | NO. | DESCRIPTION     |
|-------|-----|-----------------|
| 1     | 1   | TITLE SHEET     |
| 2-5   | 2-5 | TOPOGRAPHIC MAP |

#### PURPOSE OF SURVEY

THE PURPOSE OF THE SURVEY IS TO PROVIDE A TOPOGRAPHIC MAP FOR THIS SEGMENT OF THE CARBON CREEK CHANNEL (B01).

|      |      |      |                                                                                                                                                         |  |                           |  |                               |
|------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------|--|-------------------------------|
|      |      |      | COUNTY OF ORANGE<br>OC PUBLIC WORKS<br>OC CONSTRUCTION/ SURVEY-FIELD SERVICES                                                                           |  |                           |  |                               |
|      |      |      | CARBON CREEK CHANNEL (B01)<br>DEBRIS BOOM PROJECT 2025                                                                                                  |  |                           |  |                               |
|      |      |      | TITLE SHEET                                                                                                                                             |  |                           |  |                               |
|      |      |      | PROJECT LIMITS: FROM APPROX. 1750' W/LY FROM THE INTERSECTION OF CARBON CREEK CHANNEL (B01) AND BLOOMFIELD ST TO APPROX. 330' E/LY OF SAID INTERSECTION |  |                           |  |                               |
|      |      |      | DATE OF SURVEY:MAY 2025                                                                                                                                 |  | BY:E. HERTZ & PARTY       |  | SHEET NO.<br><br>1<br>of<br>5 |
|      |      |      | MAPPING                                                                                                                                                 |  | BY:J. PEDRETTI, LSIT, EIT |  |                               |
|      |      |      | OFFICE CHECK                                                                                                                                            |  | BY:T. LOGREEN, PLS        |  |                               |
|      |      |      | FIELD CHECK                                                                                                                                             |  | BY:E. HERTZ & PARTY       |  |                               |
|      |      |      | SCALE: N.T.S.                                                                                                                                           |  | W.O. #EE24401S            |  |                               |
|      |      |      | FILE:CARBON CREEK B01 DEBRIS BOOM_TOPO_2025.DWG                                                                                                         |  | FILE #2425PW-PM0002       |  |                               |
| MARK | DATE | ITEM | REVISIONS                                                                                                                                               |  |                           |  |                               |
|      |      |      |                                                                                                                                                         |  |                           |  |                               |





SEE SHEET 3

AREA PATTERN KEY

- Concrete
- Dirt
- Gravel

ABBREVIATION

- |      |                          |
|------|--------------------------|
| BM   | Benchmark                |
| CL   | Centerline               |
| CLR  | Clearance                |
| CONC | Concrete                 |
| CP   | Control Point            |
| DWY  | Driveway                 |
| EL   | Elevation                |
| FL   | Flowline                 |
| FD   | Found                    |
| INV  | Invert                   |
| RCP  | Reinforced Concrete Pipe |

SYMBOL

- |   |                           |
|---|---------------------------|
| △ | Control Point             |
| ⊕ | Gate, Double              |
| ⊕ | Gate, Roller              |
| ⊕ | Gate, Single              |
| ⊕ | Guy Wire Anchor           |
| ⊕ | Monitor Well              |
| ⊕ | Pilaster                  |
| ⊕ | Pull Box Traffic          |
| ⊕ | Sign Post                 |
| ⊕ | Traffic Signal w/ Light   |
| ⊕ | Utility Pole, Underground |

LEGEND

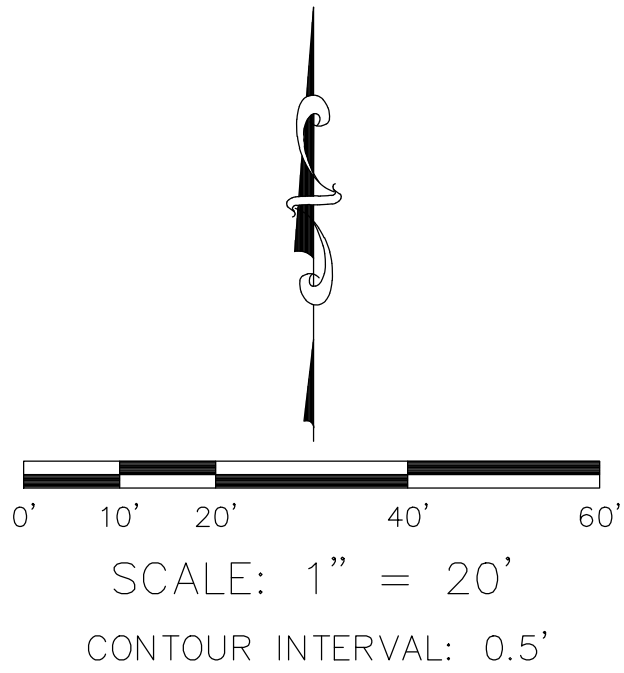
LINE PATTERN KEY

- |                          |
|--------------------------|
| Block Wall               |
| Building Outline         |
| Centerline GIS           |
| Concrete Wall            |
| Edge of Concrete         |
| Edge of Asphalt Pavement |
| Exposed Pipe             |
| Fence Chainlink          |
| Fence Pipe and Cable     |
| Flowline                 |
| Grade Line               |
| Guard Rail               |
| Hinge Point              |
| Parcel GIS               |
| Retaining Wall           |
| Striping                 |

NOTES

ALL RIGHT OF WAY LINES SHOWN HEREON ARE BASED ON THE OC LANDBASE. THEY ARE PLACED HEREON FOR REFERENCE PURPOSES ONLY AND ARE APPROXIMATE IN LOCATION. A BOUNDARY SURVEY WAS NOT PERFORMED.

THE BRIDGE DECK SURFACE IS SET TO A NO DISPLAY SURFACE STYLE. TO DISPLAY, CHANGE THE SURFACE STYLE FROM THE TOOLSPACE.

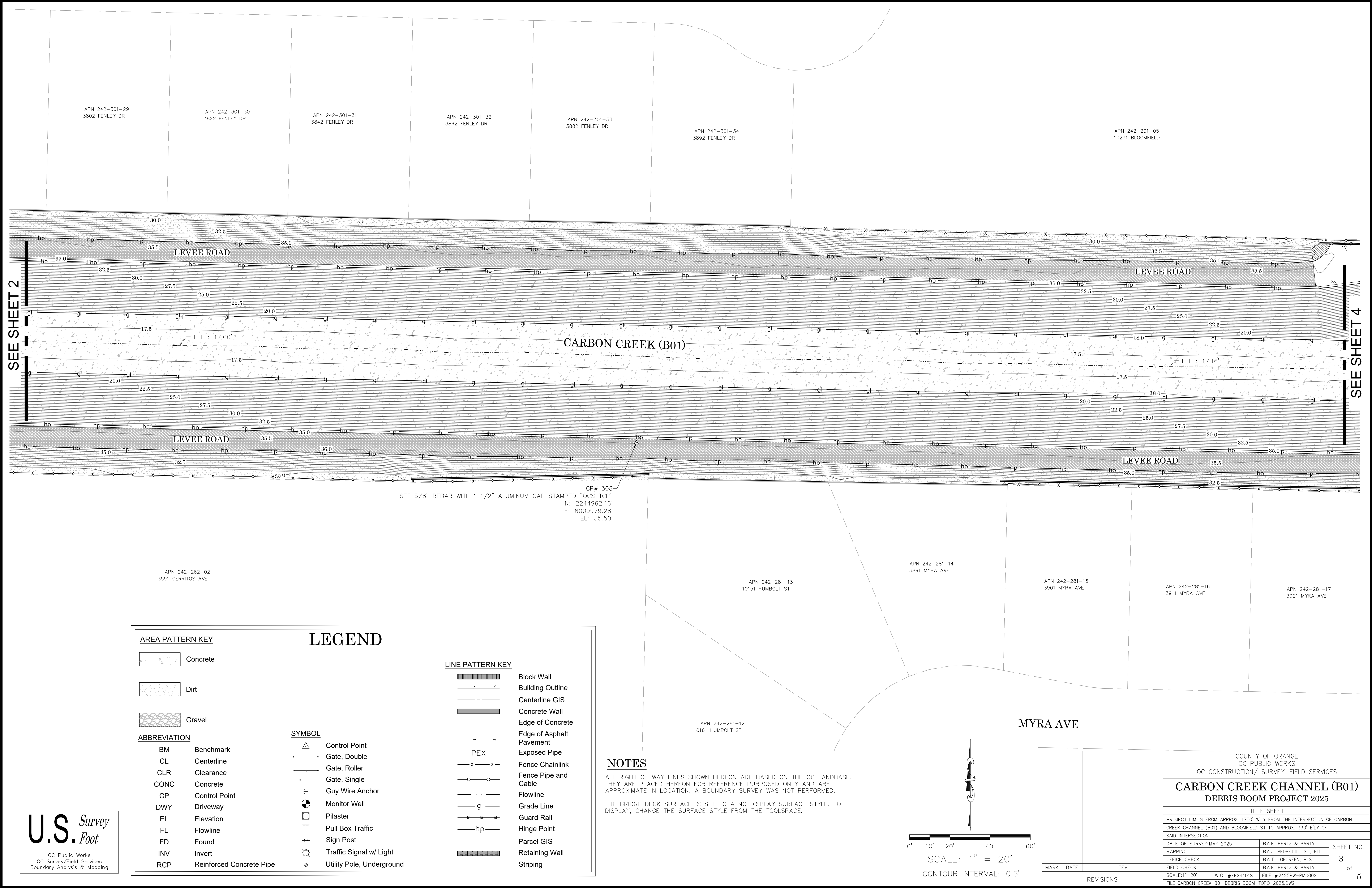


|           |      |      |                                                                                                                                                         |  |                            |  |                               |
|-----------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------|--|-------------------------------|
| MARK      | DATE | ITEM | COUNTY OF ORANGE<br>OC PUBLIC WORKS<br>OC CONSTRUCTION/ SURVEY-FIELD SERVICES                                                                           |  |                            |  |                               |
|           |      |      | CARBON CREEK CHANNEL (B01)<br>DEBRIS BOOM PROJECT 2025                                                                                                  |  |                            |  |                               |
|           |      |      | TITLE SHEET                                                                                                                                             |  |                            |  |                               |
|           |      |      | PROJECT LIMITS: FROM APPROX. 1750' W/LY FROM THE INTERSECTION OF CARBON CREEK CHANNEL (B01) AND BLOOMFIELD ST TO APPROX. 330' E/LY OF SAID INTERSECTION |  |                            |  |                               |
|           |      |      | DATE OF SURVEY: MAY 2025                                                                                                                                |  | BY: E. HERTZ & PARTY       |  | SHEET NO.<br><br>2<br>of<br>5 |
|           |      |      | MAPPING                                                                                                                                                 |  | BY: J. PEDRETTI, LSIT, EIT |  |                               |
|           |      |      | OFFICE CHECK                                                                                                                                            |  | BY: T. LOFGREEN, PLS       |  |                               |
|           |      |      | FIELD CHECK                                                                                                                                             |  | BY: E. HERTZ & PARTY       |  |                               |
|           |      |      | SCALE: 1"=20'                                                                                                                                           |  | FILE #2425PW-PM0002        |  |                               |
|           |      |      | FILE: CARBON_CREEK_B01_DEBRIS_BOOM_TOPO_2025.DWG                                                                                                        |  |                            |  |                               |
| REVISIONS |      |      |                                                                                                                                                         |  |                            |  |                               |



SEE SHEET 2

SEE SHEET 4



AREA PATTERN KEY

- Concrete
- Dirt
- Gravel

ABBREVIATION

- |      |                          |
|------|--------------------------|
| BM   | Benchmark                |
| CL   | Centerline               |
| CLR  | Clearance                |
| CONC | Concrete                 |
| CP   | Control Point            |
| DWY  | Driveway                 |
| EL   | Elevation                |
| FL   | Flowline                 |
| FD   | Found                    |
| INV  | Invert                   |
| RCP  | Reinforced Concrete Pipe |

LEGEND

SYMBOL

- |  |                           |
|--|---------------------------|
|  | Control Point             |
|  | Gate, Double              |
|  | Gate, Roller              |
|  | Gate, Single              |
|  | Guy Wire Anchor           |
|  | Monitor Well              |
|  | Pilaster                  |
|  | Pull Box Traffic          |
|  | Sign Post                 |
|  | Traffic Signal w/ Light   |
|  | Utility Pole, Underground |

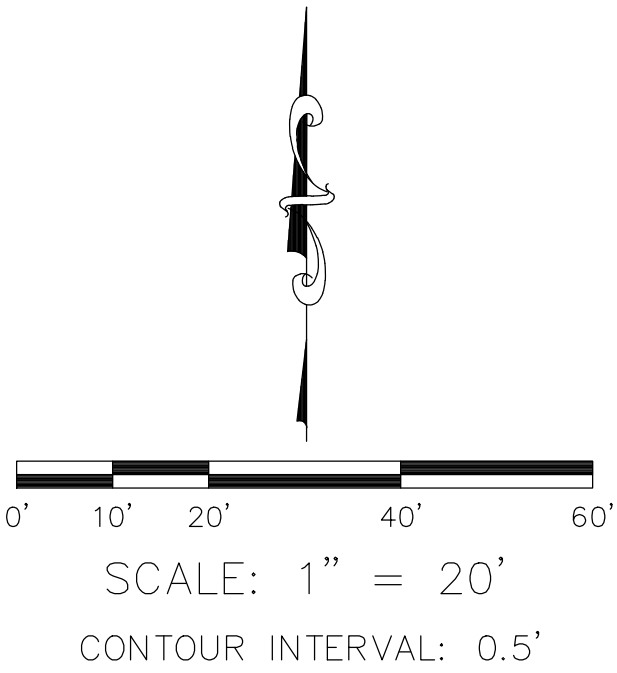
LINE PATTERN KEY

- |  |                          |
|--|--------------------------|
|  | Block Wall               |
|  | Building Outline         |
|  | Centerline GIS           |
|  | Concrete Wall            |
|  | Edge of Concrete         |
|  | Edge of Asphalt Pavement |
|  | Exposed Pipe             |
|  | Fence Chainlink          |
|  | Fence Pipe and Cable     |
|  | Flowline                 |
|  | Grade Line               |
|  | Guard Rail               |
|  | Hinge Point              |
|  | Parcel GIS               |
|  | Retaining Wall           |
|  | Striping                 |

NOTES

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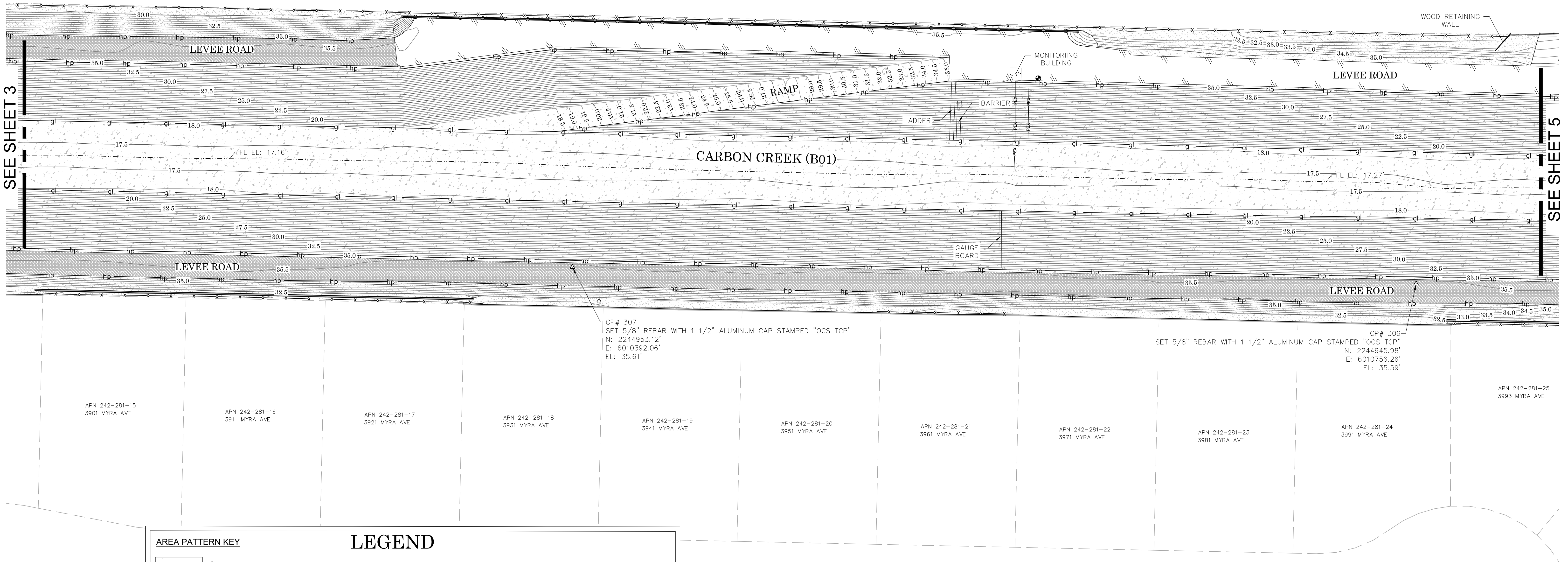


|           |      |      |                                                                                                                                                         |  |                            |  |                               |
|-----------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------|--|-------------------------------|
| MARK      | DATE | ITEM | COUNTY OF ORANGE<br>OC PUBLIC WORKS<br>OC CONSTRUCTION/ SURVEY-FIELD SERVICES                                                                           |  |                            |  |                               |
|           |      |      | CARBON CREEK CHANNEL (B01)<br>DEBRIS BOOM PROJECT 2025                                                                                                  |  |                            |  |                               |
|           |      |      | TITLE SHEET                                                                                                                                             |  |                            |  |                               |
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|           |      |      | DATE OF SURVEY: MAY 2025                                                                                                                                |  | BY: E. HERTZ & PARTY       |  | SHEET NO.<br><br>3<br>of<br>5 |
|           |      |      | MAPPING                                                                                                                                                 |  | BY: J. PEDRETTI, LSIT, EIT |  |                               |
|           |      |      | OFFICE CHECK                                                                                                                                            |  | BY: T. LOFGREEN, PLS       |  |                               |
|           |      |      | FIELD CHECK                                                                                                                                             |  | BY: E. HERTZ & PARTY       |  |                               |
|           |      |      | SCALE: 1"=20'                                                                                                                                           |  | FILE # 2425PW-PM0002       |  |                               |
|           |      |      | FILE: CARBON_CREEK_B01_DEBRIS_BOOM_TOPO_2025.DWG                                                                                                        |  |                            |  |                               |
| REVISIONS |      |      |                                                                                                                                                         |  |                            |  |                               |



APN 242-291-05  
10291 BLOOMFIELD

APN 242-291-05  
10291 BLOOMFIELD



SEE SHEET 3

SEE SHEET 5

CP# 307  
SET 5/8" REBAR WITH 1 1/2" ALUMINUM CAP STAMPED "OCS TCP"  
N: 2244953.12'  
E: 6010392.06'  
EL: 35.61'

CP# 306  
SET 5/8" REBAR WITH 1 1/2" ALUMINUM CAP STAMPED "OCS TCP"  
N: 2244945.98'  
E: 6010756.26'  
EL: 35.59'

APN 242-281-25  
3993 MYRA AVE

MYRA AVE

MYRA AVE

AREA PATTERN KEY

- Concrete
- Dirt
- Gravel

ABBREVIATION

- |      |                          |
|------|--------------------------|
| BM   | Benchmark                |
| CL   | Centerline               |
| CLR  | Clearance                |
| CONC | Concrete                 |
| CP   | Control Point            |
| DWY  | Driveway                 |
| EL   | Elevation                |
| FL   | Flowline                 |
| FD   | Found                    |
| INV  | Invert                   |
| RCP  | Reinforced Concrete Pipe |

LEGEND

SYMBOL

- |  |                           |
|--|---------------------------|
|  | Control Point             |
|  | Gate, Double              |
|  | Gate, Roller              |
|  | Gate, Single              |
|  | Guy Wire Anchor           |
|  | Monitor Well              |
|  | Pilaster                  |
|  | Pull Box Traffic          |
|  | Sign Post                 |
|  | Traffic Signal w/ Light   |
|  | Utility Pole, Underground |

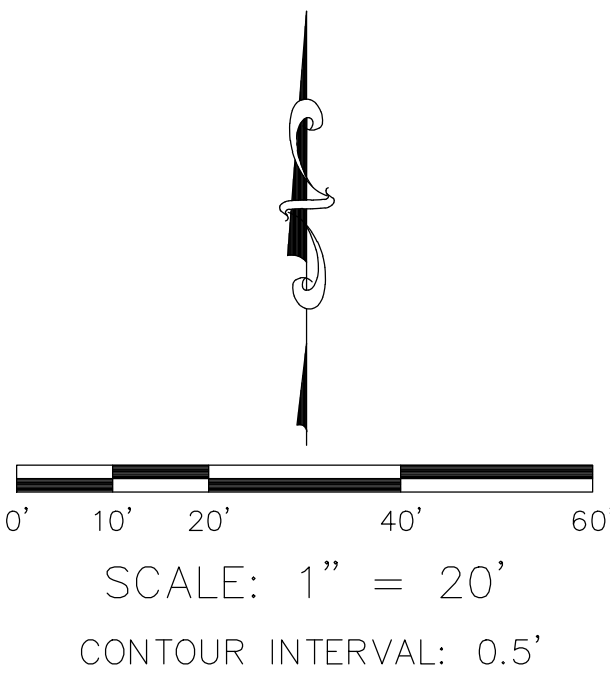
LINE PATTERN KEY

- |  |                          |
|--|--------------------------|
|  | Block Wall               |
|  | Building Outline         |
|  | Centerline GIS           |
|  | Concrete Wall            |
|  | Edge of Concrete         |
|  | Edge of Asphalt Pavement |
|  | Exposed Pipe             |
|  | Fence Chainlink          |
|  | Fence Pipe and Cable     |
|  | Flowline                 |
|  | Grade Line               |
|  | Guard Rail               |
|  | Hinge Point              |
|  | Parcel GIS               |
|  | Retaining Wall           |
|  | Striping                 |

NOTES

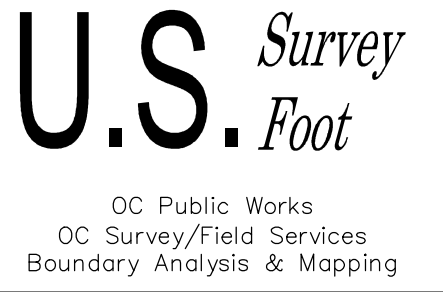
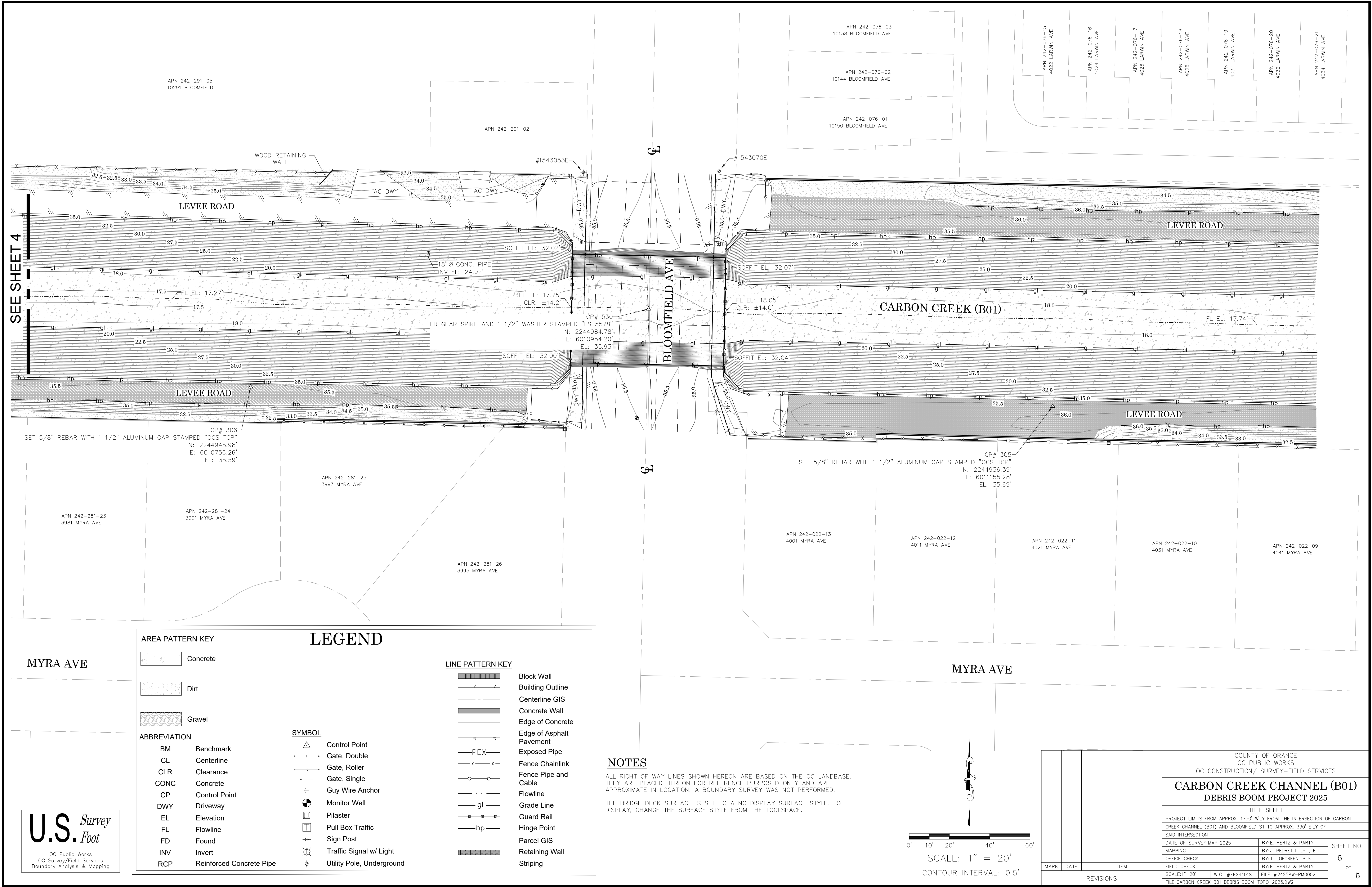
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|                                                  |  |                |                                                                                                                                                         |                     |                               |
|--------------------------------------------------|--|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------|
|                                                  |  |                | COUNTY OF ORANGE<br>OC PUBLIC WORKS<br>OC CONSTRUCTION/ SURVEY-FIELD SERVICES                                                                           |                     |                               |
|                                                  |  |                | CARBON CREEK CHANNEL (B01)<br>DEBRIS BOOM PROJECT 2025                                                                                                  |                     |                               |
|                                                  |  |                | TITLE SHEET                                                                                                                                             |                     |                               |
|                                                  |  |                | PROJECT LIMITS: FROM APPROX. 1750' W/LY FROM THE INTERSECTION OF CARBON CREEK CHANNEL (B01) AND BLOOMFIELD ST TO APPROX. 330' E'LY OF SAID INTERSECTION |                     |                               |
|                                                  |  |                | DATE OF SURVEY: MAY 2025                                                                                                                                |                     | SHEET NO.<br><br>4<br>of<br>5 |
|                                                  |  |                | MAPPING                                                                                                                                                 |                     |                               |
|                                                  |  |                | OFFICE CHECK                                                                                                                                            |                     |                               |
|                                                  |  |                | FIELD CHECK                                                                                                                                             |                     |                               |
|                                                  |  |                | SCALE: 1"=20'                                                                                                                                           |                     |                               |
|                                                  |  |                | MARK                                                                                                                                                    | DATE                | ITEM                          |
| FILE: CARBON_CREEK_B01_DEBRIS_BOOM_TOPO_2025.DWG |  | W.O. #EE24401S |                                                                                                                                                         | FILE #2425PW-PM0002 |                               |





AREA PATTERN KEY

|  |          |
|--|----------|
|  | Concrete |
|  | Dirt     |
|  | Gravel   |

ABBREVIATION

|      |                          |
|------|--------------------------|
| BM   | Benchmark                |
| CL   | Centerline               |
| CLR  | Clearance                |
| CONC | Concrete                 |
| CP   | Control Point            |
| DWY  | Driveway                 |
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LEGEND

SYMBOL

|  |                           |
|--|---------------------------|
|  | Control Point             |
|  | Gate, Double              |
|  | Gate, Roller              |
|  | Gate, Single              |
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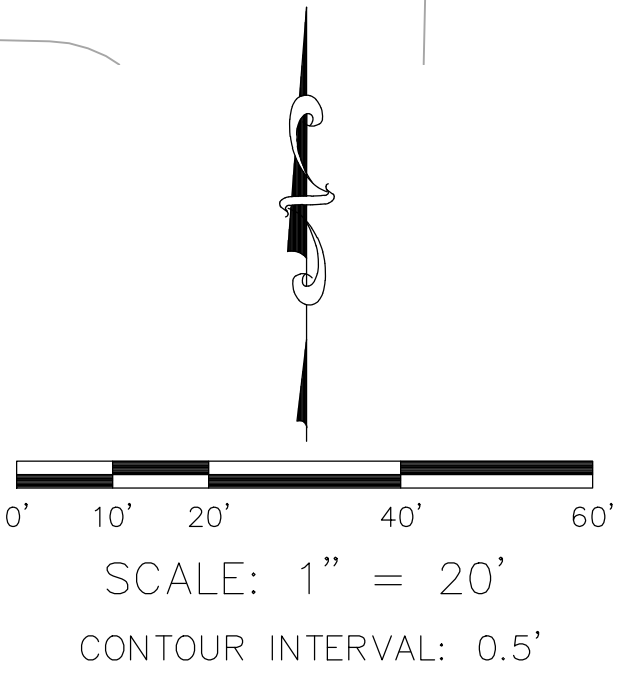
LINE PATTERN KEY

|  |                          |
|--|--------------------------|
|  | Block Wall               |
|  | Building Outline         |
|  | Centerline GIS           |
|  | Concrete Wall            |
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|                                                 |      |                     |                                                                               |  |                           |  |                         |
|-------------------------------------------------|------|---------------------|-------------------------------------------------------------------------------|--|---------------------------|--|-------------------------|
| MARK                                            | DATE | ITEM                | COUNTY OF ORANGE<br>OC PUBLIC WORKS<br>OC CONSTRUCTION/ SURVEY-FIELD SERVICES |  |                           |  |                         |
|                                                 |      |                     | CARBON CREEK CHANNEL (B01)<br>DEBRIS BOOM PROJECT 2025                        |  |                           |  |                         |
|                                                 |      |                     | TITLE SHEET                                                                   |  |                           |  |                         |
|                                                 |      |                     | PROJECT LIMITS: FROM APPROX. 1750' W/LY FROM THE INTERSECTION OF CARBON       |  |                           |  |                         |
|                                                 |      |                     | CREEK CHANNEL (B01) AND BLOOMFIELD ST TO APPROX. 330' E/LY OF                 |  |                           |  |                         |
|                                                 |      |                     | SAID INTERSECTION                                                             |  |                           |  |                         |
|                                                 |      |                     | DATE OF SURVEY:MAY 2025                                                       |  | BY:E. HERTZ & PARTY       |  | SHEET NO.<br><br>5 of 5 |
|                                                 |      |                     | MAPPING                                                                       |  | BY:J. PEDRETTI, LSIT, EIT |  |                         |
|                                                 |      |                     | OFFICE CHECK                                                                  |  | BY:T. LOFGREEN, PLS       |  |                         |
|                                                 |      |                     | FIELD CHECK                                                                   |  | BY:E. HERTZ & PARTY       |  |                         |
| SCALE:1"=20'                                    |      | FILE #2425PW-PM0002 |                                                                               |  |                           |  |                         |
| FILE:CARBON CREEK B01 DEBRIS BOOM_TOPO_2025.DWG |      |                     |                                                                               |  |                           |  |                         |
| REVISIONS                                       |      |                     |                                                                               |  |                           |  |                         |