

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

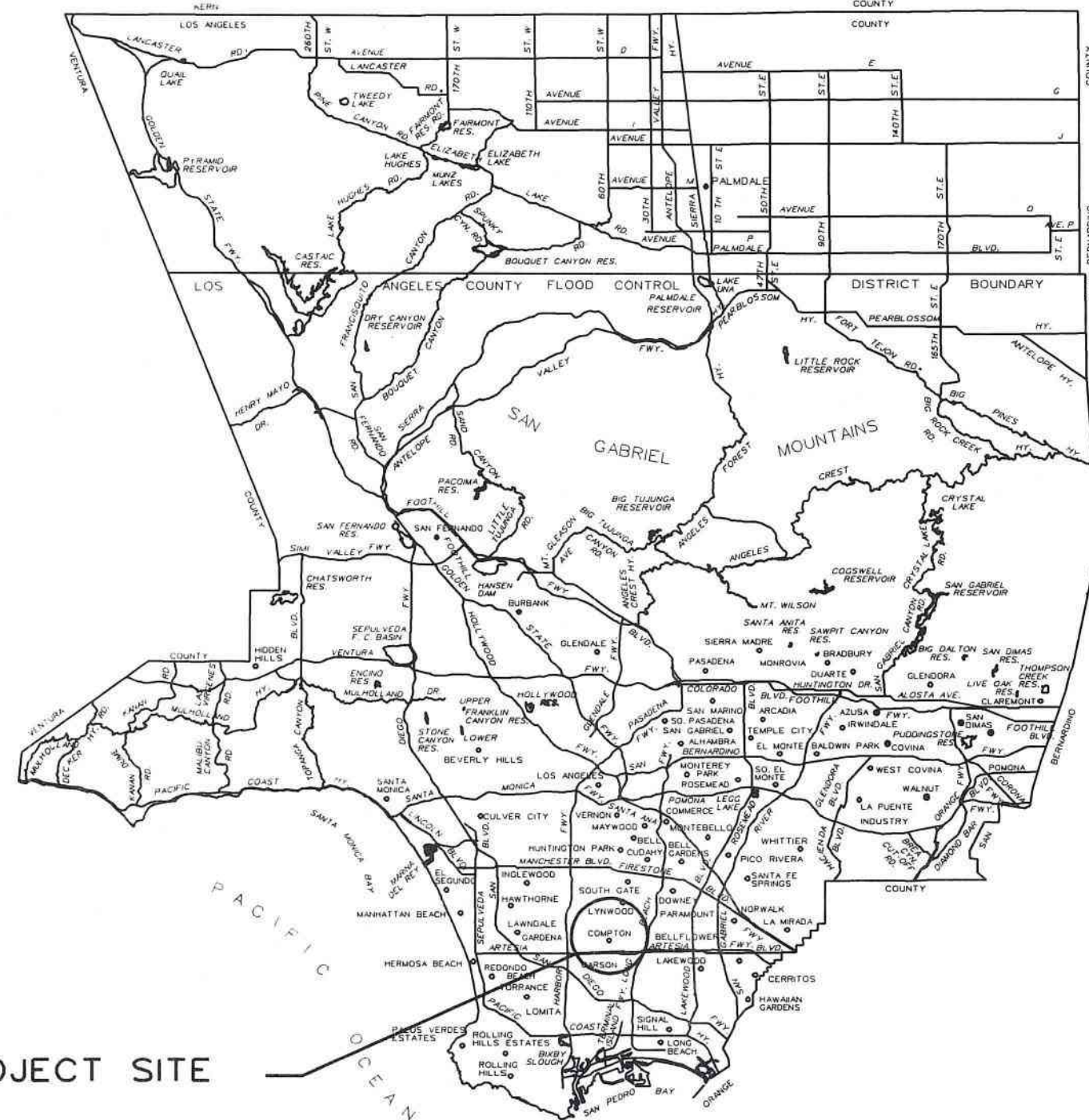
PROJECT NO. RDC0015933

WILMINGTON AVENUE -
200' S/O VICTORIA STREET
TO DEL AMO BOULEVARD

TOTAL LENGTH = 1.42 MILES

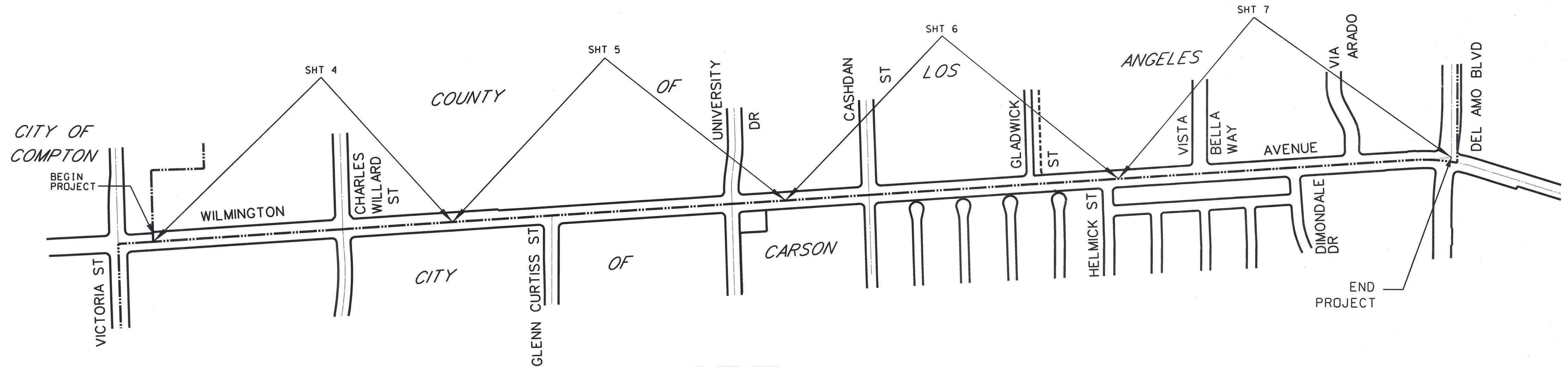
INDEX OF SHEETS

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| SHEETS 4-7 | PLAN SHEETS |
| PLAN SP | SIGNING & STRIPING PLAN |
| PLAN TS | TRAFFIC SIGNAL PLAN |
| PLAN TC | TRAFFIC CONTROL PLAN |



PROJECT SITE
T. G. 764 H1-H4
R. D. 241

LOCATION MAP



KEY MAP
NO SCALE

AS BUILT DRAWINGS

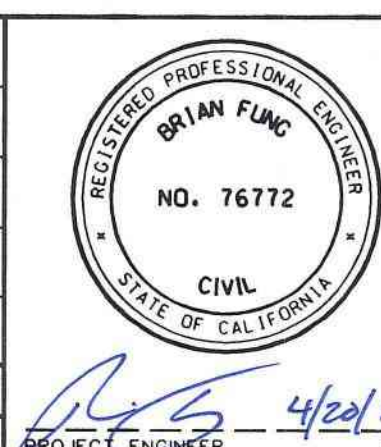
DRAFTER: W. LIM
 DESIGNER: A. NGUYEN
 CHECKER: B. FUNG
 CADD PROJECT FILE NAME: RDC0015933.DGN

APPROVED BY: *[Signature]* 4/24/2017
CITY OF CARSON



| | |
|---|------|
| APPROVED BY: <i>[Signature]</i> 5/25/17 DEPUTY DIRECTOR | DATE |
| RECOMMENDED BY: <i>[Signature]</i> 5/25/17 ASSISTANT DEPUTY DIRECTOR | DATE |
| SUBMITTED BY: <i>[Signature]</i> 4/20/17 DESIGN TEAM #1 | DATE |

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| 5/22/20 | AS BUILT |
| DATE | DESCRIPTION |
| REVISIONS | |



| | | |
|---|--------------|--------------|
| COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS | | |
| WILMINGTON AVENUE - 200' S/O VICTORIA STREET TO DEL AMO BOULEVARD | | |
| TITLE SHEET | | |
| PROJECT ID NO. RDC0015933 | | |
| PCA R34024002 | DWG PH086245 | SHEET 1 OF 7 |

PROPOSED FOR CONSTRUCTION: _____ DATE: _____
 ADVERTISED: _____ DATE: _____
 AS BUILT: _____ DATE: _____

CONSTRUCTION LEGEND

ITEMS UNDERLINED TO BE CONSTRUCTED

- ① PORTLAND CEMENT CONCRETE CURB AND GUTTER
- ② PORTLAND CEMENT CONCRETE CURB
- ③ ASPHALT CONCRETE CURB
- ④ PORTLAND CEMENT CONCRETE LONGITUDINAL GUTTER
- ⑤ PORTLAND CEMENT CONCRETE SIDEWALK, 4" THICK
- ⑥ PORTLAND CEMENT CONCRETE SIDEWALK, 6" THICK
- ⑦ PORTLAND CEMENT CONCRETE PAVEMENT ON BASE MATERIAL
- ⑧ ASPHALT CONCRETE PAVEMENT
- ⑨ ASPHALT CONCRETE PAVEMENT ON BASE MATERIAL
- ⑩ ASPHALT CONCRETE PAVEMENT, VARIABLE THICKNESS
- ⑪ STABILIZATION GEOTEXTILE
- ⑫ SLURRY SEAL
- ⑬ COLD MILL ASPHALT CONCRETE PAVEMENT
- ⑭ DRIVEWAY, TYPE B, Y= VAR UNLESS OTHERWISE SHOWN
- ⑮ ALLEY INTERSECTION (ON 6" CMB)
- ⑯ CROSS GUTTER (ON 6" CMB)
- ⑰ RETAINING STRUCTURE
- ⑱ DRAINAGE SYSTEM AS SHOWN ON SHEET INDICATED
- ⑲ REINFORCED CONCRETE STAIRWAY
- ⑳ CURB RAMP, CASE PER PLAN
- ㉑ CONCRETE BUS PAD
- ㉒ ASPHALT RUBBER HOT MIX (ARHM-GG-C)
- ㉓ RUBBERIZED ASPHALT CONCRETE (RBAC), VARIABLE THICKNESS OR ASPHALT RUBBER HOT MIX (ARHM), VARIABLE THICKNESS
- ㉔ FURNISH AND PLANT TREE (PER CONSTRUCTION NOTE 6)
- ㉕ ROOT PRUNE TREE, FURNISH AND INSTALL ROOT CONTROL BARRIER
- ㉖ ADJUST MANHOLE
- ㉗ DOUBLE ADJUST MANHOLE
- ㉘ RECONSTRUCT MANHOLE
- ㉙ DG FILL TREE WELLS, TYPE 3, CASE 3, UNLESS OTHERWISE SHOWN
- ㉚ CURB DRAIN, CASE _____, N = _____
- ㉛ PARKWAY DRAIN AS SHOWN ON PLAN
- ㉜ RUBBERIZED EMULSION AGGREGATE SLURRY
- ㉝ CHAIN LINK FENCE AND GATES, H= _____ UNLESS OTHERWISE SHOWN
- ㉞ METAL BEAM GUARD RAIL
- ㉟ TERMINAL SYSTEM END TREATMENT (TYPE AS SHOWN)
- ㊱ DETECTABLE WARNING SURFACE
- ㊲ POLYMER MODIFIED ASPHALT CONCRETE PAVEMENT (PMAC) (C2-PG 64-28PM)
- ㊳ DOUBLE ADJUST WATER VALVE FRAME AND COVER PER DETAIL D ON SHEET 7

CONSTRUCTION NOTES

CHECKED BOXES ARE FOR ITEMS APPLICABLE TO THIS PROJECT

- 1. PRIME CONTRACTOR LICENSE REQUIRED: CLASS A OR C12.
- 2. STANDARD PLANS REFERENCED ARE PER THE STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION (SPPWC) UNLESS OTHERWISE NOTED.
- 3. PRIOR TO RESURFACING WITH RBAC OR ARHM, FILL ALL HOLES AND CRACKS WIDER THAN 1/4" WITH SS-1h EMULSIFIED ASPHALT AND SAND. PAYMENT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR RUBBERIZED ASPHALT CONCRETE OR ASPHALT RUBBER HOT MIX
- 4. PRIOR TO RESURFACING WITH AC, FILL ALL HOLES AND CRACKS WITH SS-1h EMULSIFIED ASPHALT AND SAND. PAYMENT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR AC PAVEMENT.
- 5. REPLACE AND RELOCATE TRAFFIC SIGNAL AND STREET LIGHTING PULL BOXES AFFECTED BY CURB RAMP AND SIDEWALK CONSTRUCTION. PAYMENT WILL BE MADE AT THE CONTRACT UNIT PRICE FOR NO. 6 PULL BOX.
- 6. FURNISH AND PLANT 15 GALLON TREE, PER STD PLAN 520-4. DOUBLE STAKING PER STD PLAN 518-3. PLANT TREE PER UNPAVED PARKWAY SPECIFICATIONS UNLESS TREE WELL COVER TYPE INDICATED ON PLAN. REFER TO CHART ON THIS SHEET FOR SPECIES.
- 7. ELEVATIONS SHOWN ARE IN FEET BASED ON GARDENA 2005 ADJUSTMENT, NAVD 1988 DATUM.
- 8. ELEVATIONS SHOWN ARE IN FEET ABOVE MEAN SEA LEVEL BASED ON _____ ADJUSTMENT, NGVD 1929 DATUM.
- 9. CONSTRUCT DETECTABLE WARNING SURFACE ON EXISTING CURB RAMP PER STATE OF CALIFORNIA OF TRANSPORTATION STANDARD PLAN A88A.
- 10. WITHIN THE PROJECT LIMITS, THE CONTRACTOR SHALL INSTALL A BLUE RAISED RETROREFLECTIVE PAVEMENT MARKER (RPM) ON THE FINISHED SURFACE AT EACH FIRE HYDRANT LOCATION PER CALIFORNIA 2012 MUTCD PART 3 - FIGURE 3B-102 (CA). AS DESCRIBED IN THE SPECIAL PROVISIONS.

STANDARD PLANS

SPPWC, 2012 EDITION

- 110-2 DRIVEWAY APPROACHES
- 120-2 CURB AND GUTTER - BARRIER
- 131-2 CONCRETE BUS PAD
- 205-2 SEWER MANHOLE ADJUSTMENT

CALTRANS STANDARD PLANS, 2018 EDITION

A88A CURB RAMP DETAILS

CONVENTIONAL SYMBOLS

| | EXISTING TOPOGRAPHY | PROPOSED IMPROVEMENTS |
|----------------------|---------------------|-----------------------|
| CURB | | |
| CURB AND GUTTER | | |
| GUTTER | | |
| PAVEMENT CONCRETE AC | | |
| CURB RAMP | | |
| BUILDING | | |
| BARRICADE | | |
| FENCE | | |
| GUY POLE | | |
| DRIVEWAY | | |
| FIRE HYDRANT | | |
| GUARDRAIL | | |
| GUY WIRE | | |
| MANHOLE | | |
| PIPE | | |
| CONNECTOR PIPE | | |
| MAIN LINE | | |
| POLE | | |
| PROPERTY LINE | | |
| R/W LINE | | |
| PULL BOX | | |
| RAILROAD | | |
| RR XING PROTECTION | | |
| SHRUB | | |
| SIDEWALK | | |
| SIGNAL CONTROL BOX | | |
| SIGNAL FLASHING | | |
| TRAFFIC LOOP | | |
| STREET LIGHT | | |
| PALM TREE | | |
| OAK TREE | | |
| OTHER TREE | | |
| VALVE | | |
| VAULT | | |
| BRICK (BLOCK) WALL | | |
| CONCRETE WALL | | |
| STONE WALL | | |
| TOP OF SLOPE | | |
| TOE OF SLOPE | | |
| STAND PIPE | | |

NON-STANDARD ABBREVIATIONS

| | |
|------|--|
| BCR | BEGINNING OF CURB RETURN |
| C&G | CURB AND GUTTER |
| DEP | DEPRESS |
| DWY | DRIVEWAY |
| ECR | END OF CURB RETURN |
| EG | EDGE OF GUTTER |
| LT | LEFT |
| PVMT | PAVEMENT |
| RT | RIGHT |
| R/W | RIGHT OF WAY |
| SHT | SHEET |
| TBS | TRENCH BACKFILL SLURRY (CLASS 270-E-500) |
| VAR | VARIABLE |

REFERENCES

- 1. MATERIALS TEST REPORT, LAB NO. 36701, DATED FEBRUARY 4, 2016
- 2. SURVEY NOTES:
PWFB 0521: PAGES 1143, 1146 - 1151.
PWFB 0621: PAGES 663 - 672.

UTILITY SYMBOLS

| | | |
|----------------|--|-----|
| ELECTRICAL | | E |
| NATURAL GAS | | G |
| SANITARY SEWER | | S |
| WATER | | W |
| STORM DRAIN | | SD |
| OIL | | OIL |

CONSTRUCTION SYMBOLS

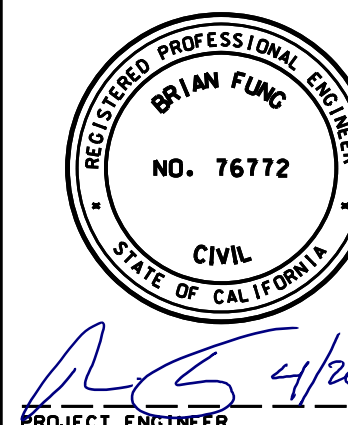
- (NO) INDICATES WORK PER CONSTRUCTION LEGEND
- (Lr) CURVE DATA SHOWN IN TABLE ON PLAN
- ②" P4 ABOVE LINE: INDICATES THE TYPE OF STANDARD OR THICKNESS OF SURFACE MATERIAL IN INCHES; STD PLAN VARIABLES: CURB RAMP CASE, TYPE, SECTION AND DETAIL; OR TREE PLANTING CASE
- ⑤" CMB BELOW LINE: REFERENCE TO DETAIL OR THICKNESS OF BASE MATERIAL IN INCHES OR TREE WELL CASE
- ⑤ $\frac{a \times b}{4"} CMB$ ABOVE LINE: a = LENGTH PARALLEL TO CURB
b = LENGTH PERPENDICULAR TO CURB
- R REMOVE TREE
- ④ $\frac{a, b}{2"} P4$ ABOVE LINE: a = WIDTH OF DRIVEWAY BEHIND APRON
b = DISTANCE BACK OF APRON
BELOW LINE: THICKNESS AND TYPE OF SURFACE MATERIALS BEHIND APRON
LEFT OF LINE: STA OF THE DRIVEWAY APRON
RIGHT OF LINE: DRIVEWAY WIDTH "W" OF APRON
- ⑨ C, L, S, R, T ABOVE LINE: STD PLAN VARIABLES
LEFT OF LINE: STA OF THE STAIRWAY
RIGHT OF LINE: STAIRWAY WIDTH AND TYPE
- ⑩ $\frac{W}{L}$ MEDIAN TAPER PER STD PLAN 140-3
- ⑪ $\frac{W}{L}$ MEDIAN FLARE PER STD PLAN 141-2
- RU UTILITY TO BE RELOCATED BY OTHERS
- AU UTILITY TO BE RELOCATED VERTICALLY BY OWNER

AC PAVEMENT CLASS AND GRADE LEGEND

| | |
|------------------|------------------|
| P1 C2 - PG 64-10 | P3 C2 - PG 64-10 |
| B - PG 64-10 | P4 D1 - PG 64-10 |
| P2 C1 - PG 64-10 | P5 D2 - PG 64-10 |

DATE: 4/20/17
 REVIEWED BY: [Signature]
 CAD PROJECT FILE NAME: RDC0015933.DGN
 CHECKER: B. FUNG
 DESIGNER: A. NGUYEN
 DRAFTER: W. LIM

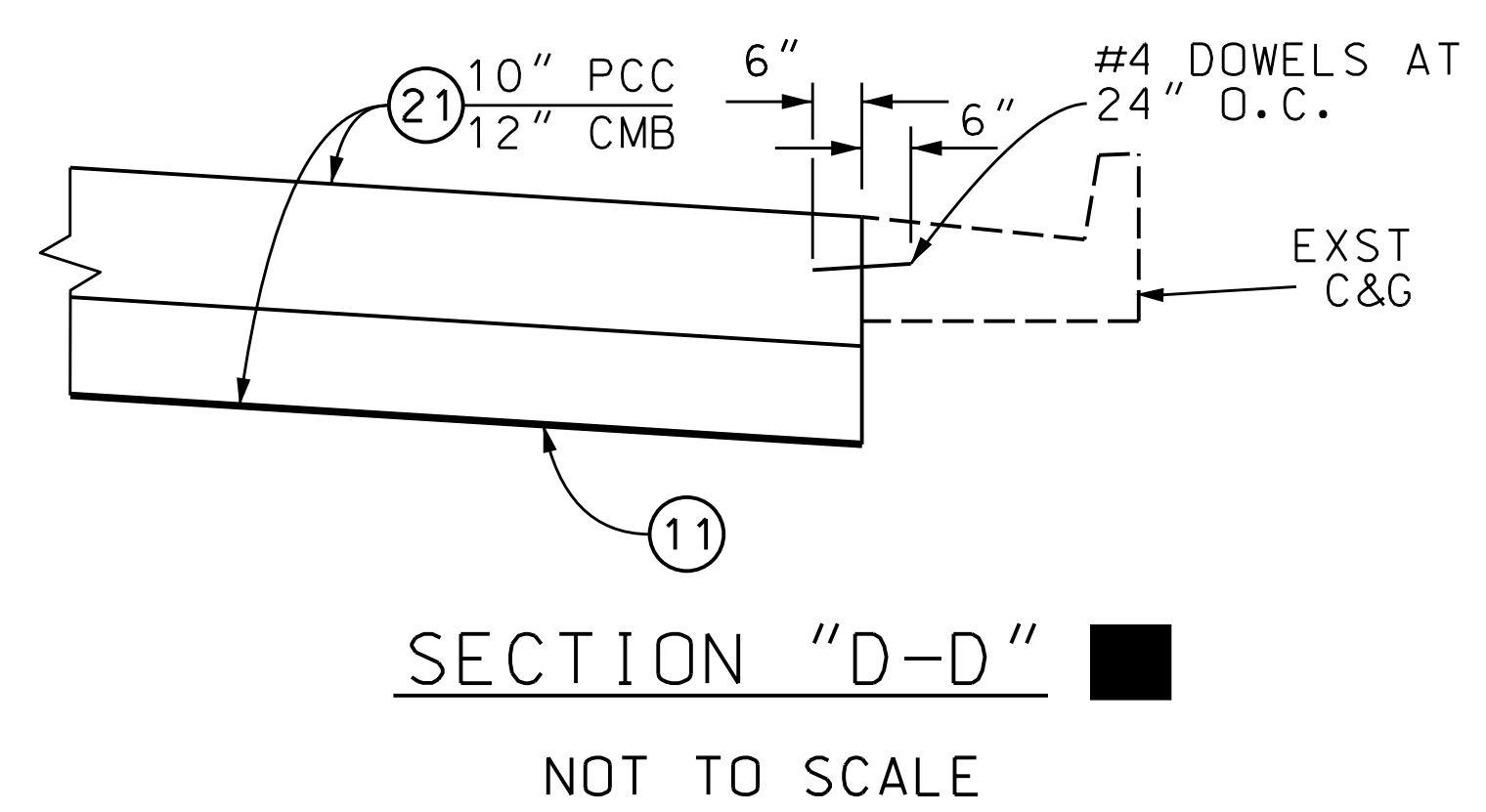
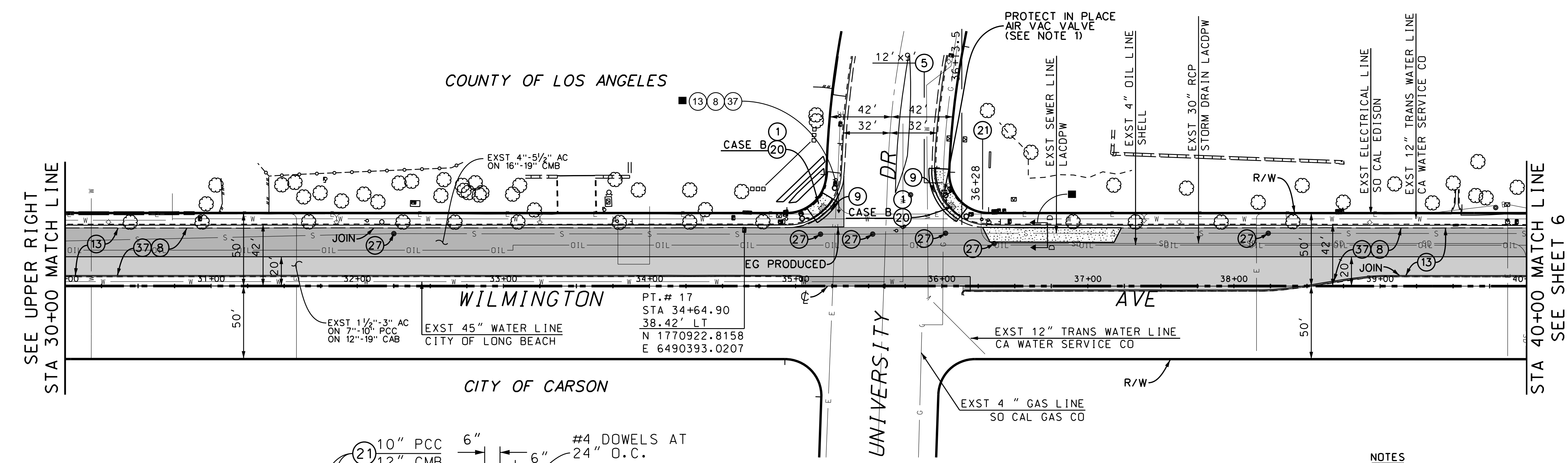
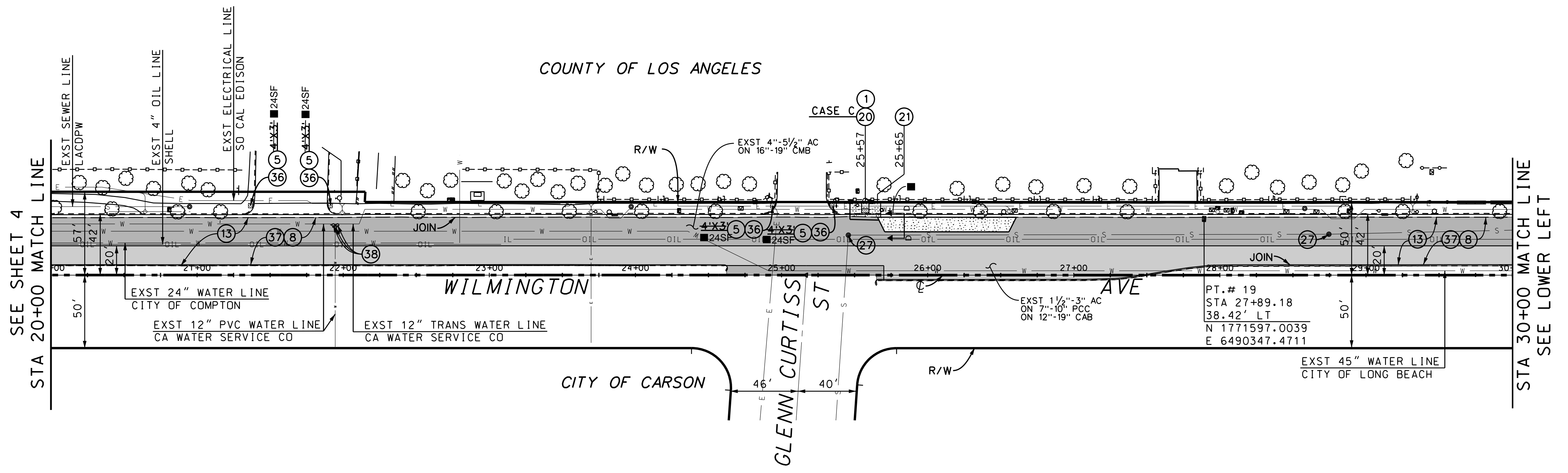
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COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

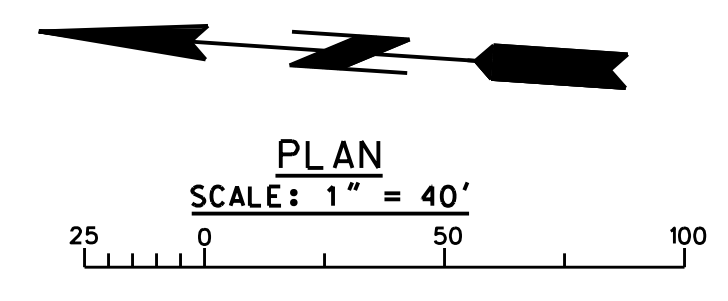
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200' S/O VICTORIA STREET
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CONSTRUCTION NOTES AND REFERENCES
PROJECT ID NO. RDC0015933

PCA R34024002 DWG PH086245 SHEET 2 OF 7

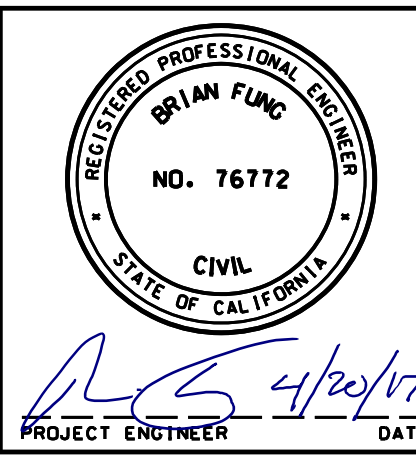


NOTES
 1 - THE CONTRACTOR IS RESPONSIBLE FOR REMOVING AND RESETTING THE AIR VAC CANISTER WITH 4 ANCHOR BOLTS AND NUTS.

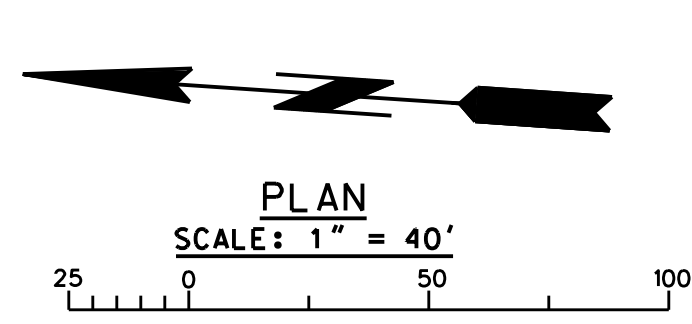
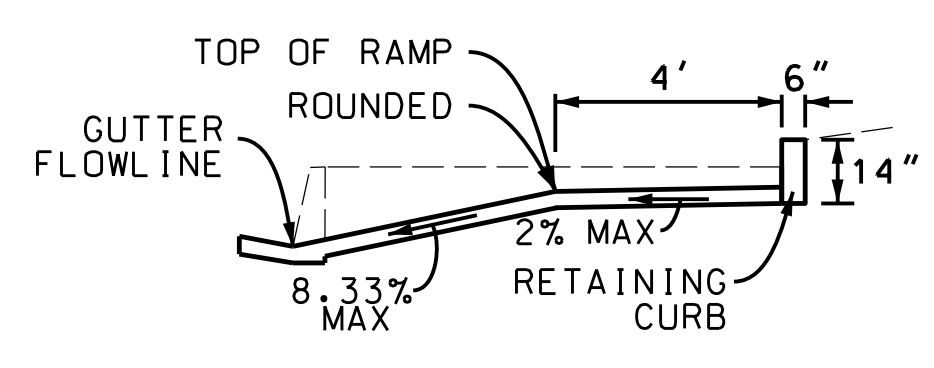
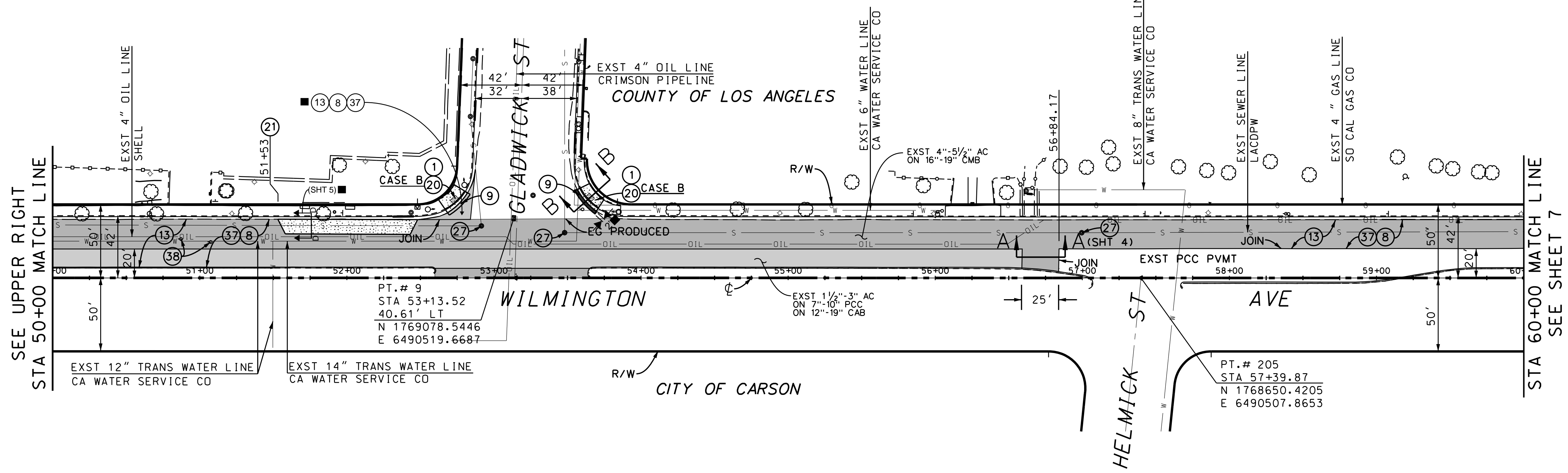
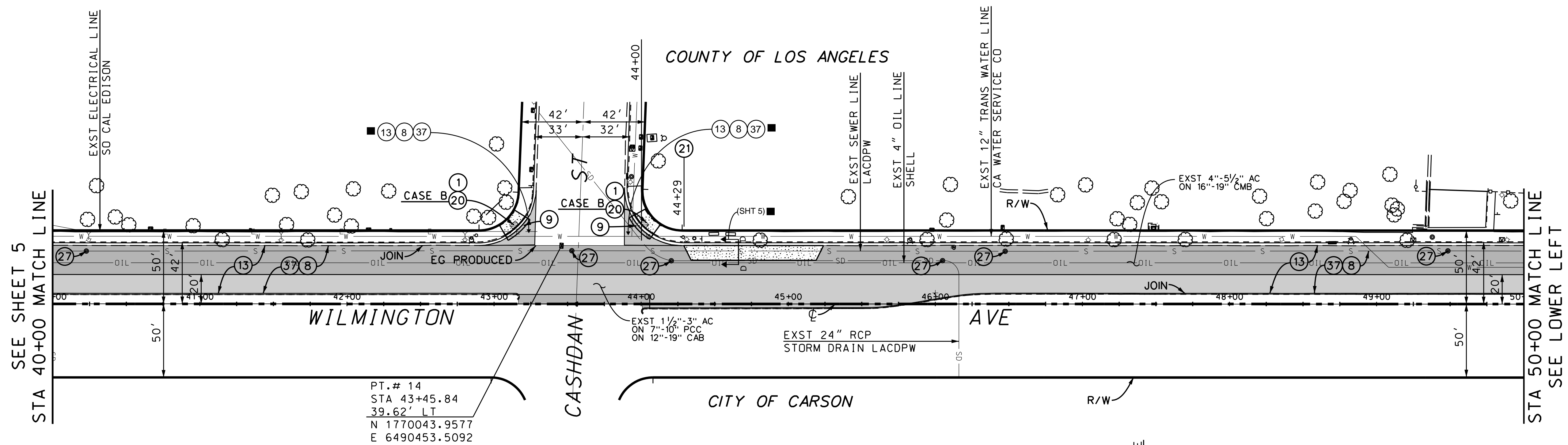
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| DATE | 4/20/17 |
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| CADD PROJECT FILE NAME | RDC0015933_DGN |
| CHECKER | B. FUNG |
| DESIGNER | A. NGUYEN |
| DRAFTER | W. LIM |



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| COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS | | |
| WILMINGTON AVENUE - 200' S/O VICTORIA STREET TO DEL AMO BOULEVARD | | |
| PLAN PROJECT ID NO. RDC0015933 | | |
| PCA R34024002 | DWG PH086245 | SHEET 5 OF 7 |

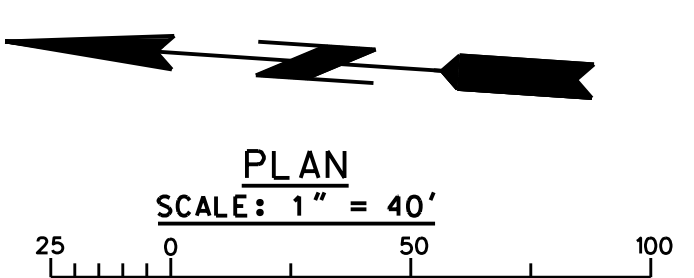
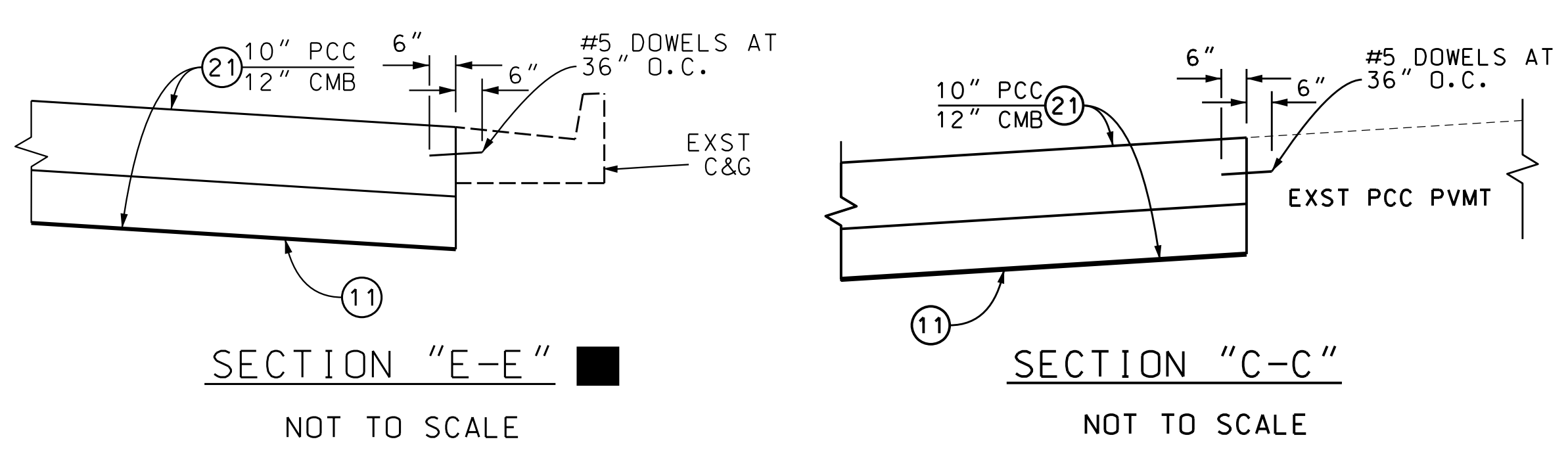
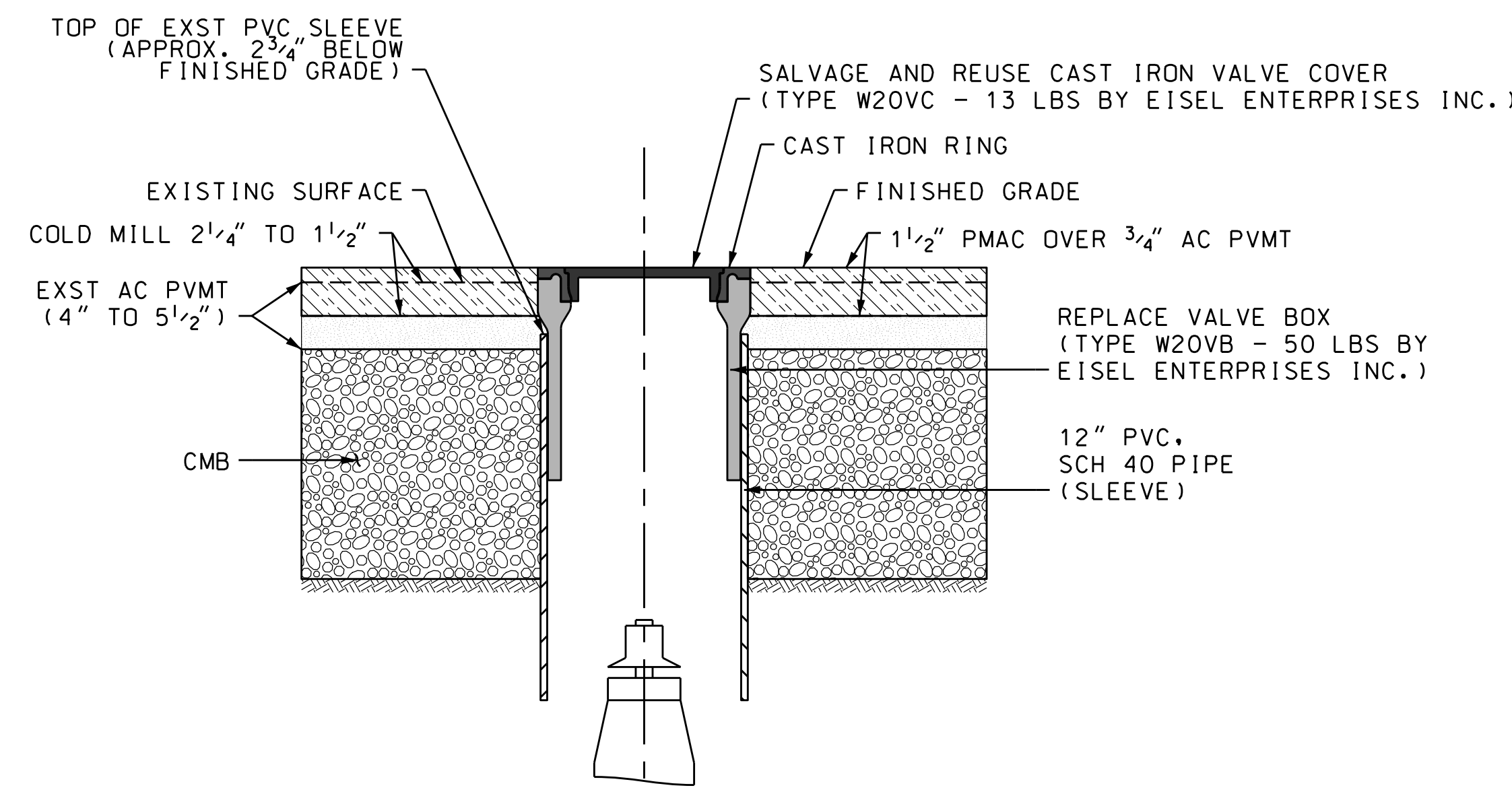
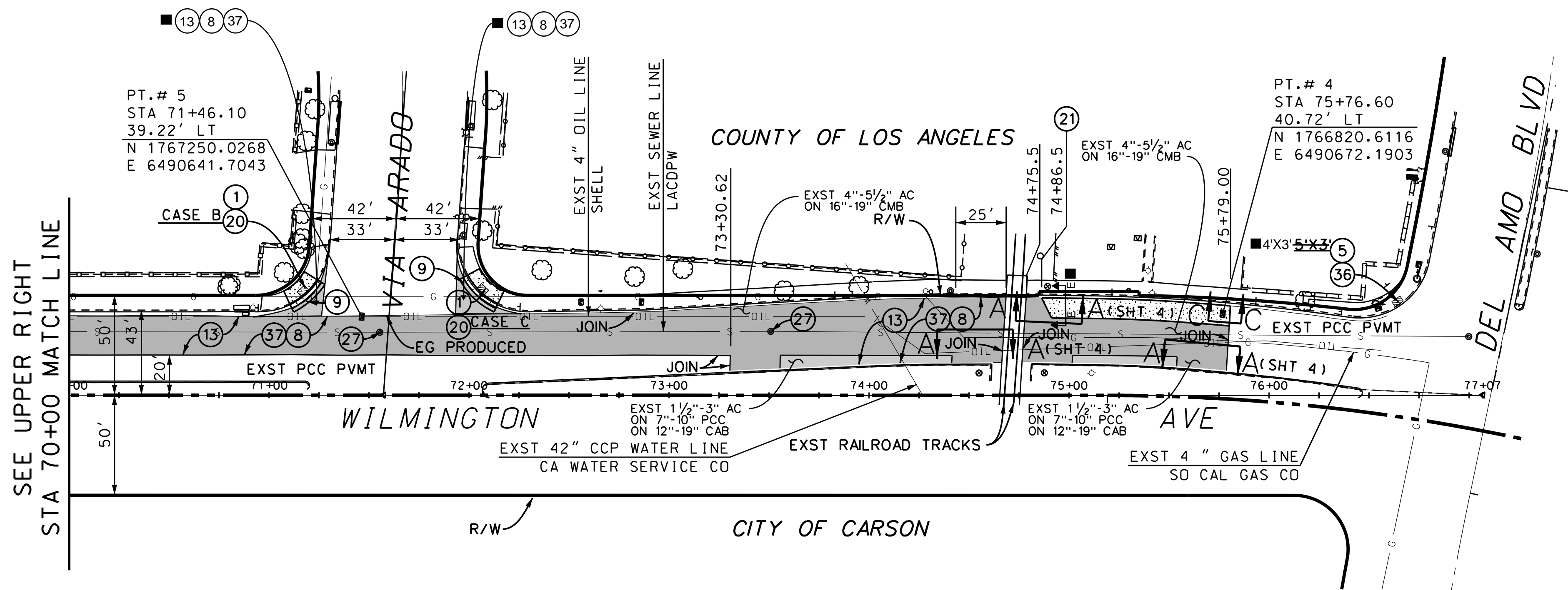
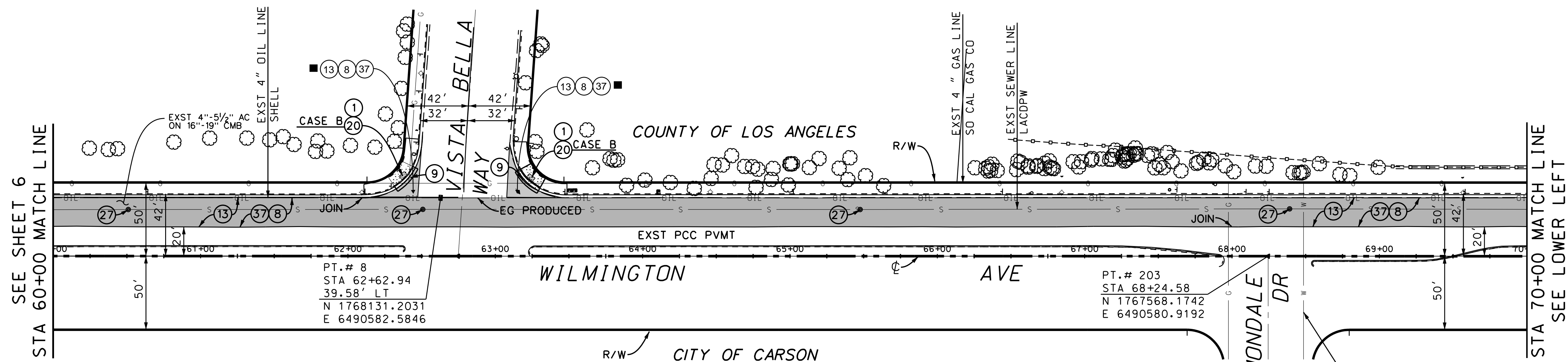


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CHECKER: B. FUNG
DESIGNER: A. NGUYEN
DRAFTER: A. NGUYEN

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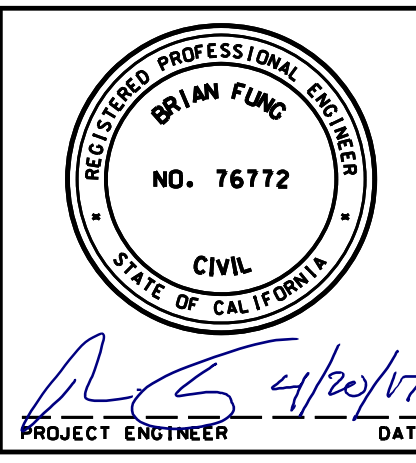
PROJECT ENGINEER: [Signature]
DATE: 4/29/17

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
WILMINGTON AVENUE -
200' S/O VICTORIA STREET
TO DEL AMO BOULEVARD
PLAN
PROJECT ID NO. RDC0015933
PCA R34024002 DWG PH086245 SHEET 6 OF 7



DATE: 4/20/17
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 CADD PROJECT FILE NAME: RDC0015933.DGN
 CHECKER: B. FUNG
 DESIGNER: A. NGUYEN
 DRAFTER: A. NGUYEN

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WILMINGTON AVENUE -
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 PLAN
 PROJECT ID NO. RDC0015933
 PCA R34024002 DWG PH086245 SHEET 7 OF 7