

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 A, 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 A, SECTION A-A, (PER CALTRANS STD PLAN A88A) UNLESS OTHERWISE SHOWN
- ㉑ CONCRETE BUS PAD
- ㉒ ASPHALT RUBBER HOT MIX (ARHM)
- 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 CROWN REDUCTION, TREE AND ROOT PRUNE TREE, FURNISH AND INSTALL ROOT CONTROL BARRIER
- ㉖ ADJUST MANHOLE
- ㉗ DOUBLE ADJUST MANHOLE
- ㉘ RECONSTRUCT MANHOLE
- ㉙ TREE WELL COVERS, TYPE 3, CASE 3
- ㉚ CURB DRAIN, CASE _____, N = _____
- ㉛ PARKWAY DRAIN, S = 12", TYPE 2
- ㉜ RUBBERIZED EMULSION AGGREGATE SLURRY
- ㉝ CHAIN LINK FENCE AND GATES, H= 5' UNLESS OTHERWISE SHOWN
- ㉞ METAL BEAM GUARD RAIL
- ㉟ TERMINAL SYSTEM END TREATMENT (TYPE CAT)
- ㊱ REMOVE EXST MBGR
- ㊲ METAL BEAM GUARD RAILING CONNECTION FOR WALLS
- ㊳ DETECTABLE WARNING SURFACE (PER CONSTRUCTION NOTE 9)
- ㊴ COLD CENTRAL PLANT RECYCLED ASPHALT CONCRETE PAVEMENT (CCPRACP)
- ㊵ STORM WATER BIORETENTION FILTRATION BASIN (AS SHOWN ON PLAN LS)
- ㊶ CEMENT STABILIZED PULVERIZED BASE (CSPB)
- ㊷ PERVIOUS CONCRETE SIDEWALK ON 6" THICK CONCRETE AGGREGATE No. 3
- ㊸ RIVER ROCK PAVING AS SHOWN ON PLANS
- ㊹ METAL HAND RAILINGS PER STD PLAN 606-3, TYPE A

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 24" BOX TREE, PER STD PLAN 520-4, DOUBLE STAKING PER STD PLAN 518-3. SEE TABLE FOR SPECIES
- 7. ELEVATIONS SHOWN ARE IN FEET BASED ON COVINA 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 RSP. A88A.
- 10. STRIPING, PAVEMENT MARKINGS AND SIGNS WILL BE ESTABLISHED BY THE AGENCY UNLESS SHOWN ON PLAN TS. THE ENGINEER WILL CONTACT ARDEN HUGHES OF THE AGENCY'S OPERATIONAL SERVICES DIVISION AT (626) 458-1700, FIVE DAYS PRIOR TO PAVING TO COORDINATE THE WORK.
- 11. 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

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION, 2009 EDITION

| STD. PLAN | TITLE |
|------------|---------------------------------|
| PLAN 110-2 | DRIVEWAY APPROACHES |
| PLAN 120-2 | CURB AND GUTTER - BARRIER |
| PLAN 134-2 | CONCRETE PAVEMENT JOINT DETAILS |
| PLAN 151-2 | PARKWAY DRAIN |
| PLAN 205-2 | SEWER MANHOLE ADJUSTMENT |
| PLAN 206-2 | MANHOLE RAISING RINGS |
| PLAN 300-3 | CURB OPENING CATCH BASIN |
| PLAN 518-3 | TREE STAKING |
| PLAN 519-3 | TREE WELL |
| PLAN 520-4 | TREE PLANTING |
| PLAN 606-3 | METAL HAND RAILINGS |

CALTRANS- STANDARD PLANS, 2010 EDITION

| STD. PLAN | TITLE |
|-----------|-------------------|
| A88A | CURB RAMP DETAILS |

STANDARD PLANS, 2000 EDITION

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS

| STD. PLAN | TITLE |
|-----------|----------------------|
| 6203-1 | CONCRETE SLOUGH WALL |

NON-STANDARD ABBREVIATIONS

| | |
|--------|---|
| COM | COMMERCIAL |
| RES | RESIDENTIAL |
| BW | BACK OF WALK |
| DEP | DEPRESS |
| LACDPW | LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS |
| LCB | LEAN CONCRETE BASE |
| PWFB | PUBLIC WORKS FIELD BOOK |
| PWLB | PUBLIC WORKS LEVEL BOOK |
| MBGR | METAL BEAM GUARD RAIL |
| DWY | DRIVEWAY |
| RET | RETAINING WALL |
| LID | LOW IMPACT DEVELOPMENT |
| TBS | TRENCH BACKFILL SLURRY |

REFERENCES

- 1. MATERIALS TEST REPORT, LAB No.37284, DATED 07/19/2012
- 2. PWFB 1430, PAGES 1247 TO 1307
- 3. PWFB 1431, PAGES 1334 TO 1352

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 | | |
| FLOW LINE | | |

AC PAVEMENT CLASS AND GRADE LEGEND

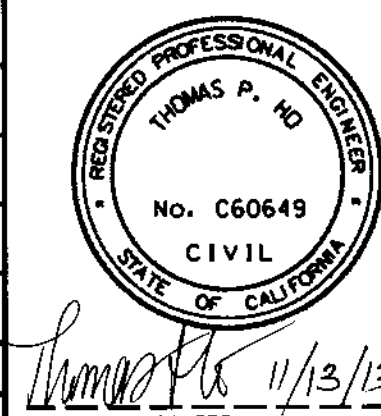
| | |
|----------------|------------------|
| P1 C2-PG 64-10 | P3 B-PG 64-10 |
| B-PG 64-10 | P4 D2-PG 64-10 |
| P2 C2-PG 64-10 | P5 C2-PG 76-22PM |

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 a x b / 4" CMB ABOVE LINE: a = LENGTH PARALLEL TO CURB, b = LENGTH PERPENDICULAR TO CURB
- R REMOVE TREE
- 14 a, b / 2" P4 ABOVE LINE: a = WIDTH OF DRIVEWAY BEHIND APRON, b = DISTANCE BACK OF APRON
- RES BELOW LINE: THICKNESS AND TYPE OF SURFACE MATERIALS BEHIND APRON
- STA OR CON LEFT OF LINE: STA OF THE DRIVEWAY APRON, RIGHT OF LINE: DRIVEWAY WIDTH "W" OF APRON
- 19 C, L, S, R, I ABOVE LINE: STD PLAN VARIABLES, LEFT OF LINE: STA OF THE STAIRWAY, RIGHT OF LINE: STAIRWAY WIDTH AND TYPE
- MT W L MEDIAN TAPER PER STD PLAN 140-3
- MF W L MEDIAN FLARE PER STD PLAN 141-2
- RU UTILITY TO BE RELOCATED BY OTHERS
- AU UTILITY TO BE ADJUSTED
- T TREE
- LS LID CELL PER LS PLAN

DATE: 11/13/13
 REVIEWED BY: [Signature]
 CADD PROJECT FILE NAME: RDC0015528-BALLENTINE
 CHECKER: ROY CRUZ
 DESIGNER: THOMAS HO
 DRAFTER: THOMAS HO

| DATE | MK | DESCRIPTION |
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COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

BALLENTINE PLACE, ET AL

NOTES & REFERENCES
PROJECT ID NO. RDC0015528

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