

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 GUTTER
- ⑤ PORTLAND CEMENT CONCRETE SIDEWALK, 4" THICK
- ⑥ PORTLAND CEMENT CONCRETE SIDEWALK, 6" THICK
- ⑦ PORTLAND CEMENT CONCRETE PAVEMENT
- 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 (PER SPPWC STD PLAN 110-1) & TYPICAL DRIVEWAY DETAIL ON SHEET 4
- 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 B (PER CALTRANS STD PLAN RSP 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 DROP CROTCH TRIM AND ROOT PRUNE TREE, FURNISH AND INSTALL ROOT CONTROL BARRIER
- ㉖ ADJUST MANHOLE
- ㉗ DOUBLE ADJUST MANHOLE
- ㉘ RECONSTRUCT MANHOLE
- ㉙ TREE WELL, TYPE 3 AND COVERS, CASE 3 (PER CONSTRUCTION NOTE 9)
- ㉚ CURB DRAIN, N = 1
- ㉛ PARKWAY DRAIN
- ㉜ RUBBERIZED EMULSION AGGREGATE SLURRY
- ㉝ CHAIN LINK FENCE
- ㉞ RAILROAD TRACKS TO BE REMOVED BY OTHERS
- ㉟ DETECTABLE WARNING SURFACE (PER CONSTRUCTION NOTE 8)
- ㊱ LOCAL DEPRESSION, CASE E, H=2" (PER SPPWC STD PLAN 313-1)
- ㊲ PIPE CONNECTION, CASE 1 (PER SPPWC STD PLAN 335-1)
- ㊳ METAL HAND RAILINGS, TYPE A
- ㊴ GRIND PCC PAVEMENT OR PCC GUTTER

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, FILL ALL HOLES AND CRACKS 1/2" WIDE OR GREATER WITH RUBBERIZED ASPHALT SEALANT (CRAFCO POLYFLEX TYPE 4 OR PUBLIC WORKS-APPROVED EQUAL). PAYMENT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR ASPHALT CONCRETE PAVEMENT.
- ✓ 4. PRIOR TO RESURFACING, 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 520-2 CASE 3, AFRICAN SUMAC (RHUS LANCEA), DOUBLE STAKING PER STD PLAN 518-2. CONSTRUCT SIDEWALK TREE WELL AND COVER PER SPPWC STD PLAN 519-3 (TYPE 3, CASE 3). LOCATION IS SUBJECT TO MINIMUM CLEARANCES GIVEN IN STD PLAN 519-3. EXACT LOCATION TO BE DETERMINED BY THE ENGINEER.
- ✓ 7. ELEVATIONS SHOWN ARE IN FEET BASED ON LACDPW WATTS 1995 ADJUSTMENT, NAVD 1998 DATUM.
- ✓ 8. CONSTRUCT DETECTABLE WARNING SURFACE ON EXISTING CURB RAMP PER STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLAN RSP A88A.
- ✓ 9. PAVEMENT OF TREE WELL COVERS, CASE 3 SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR TREE WELL.

STANDARD PLANS

CALTRANS - DUAL UNIT STANDARD PLANS, JULY 2002

STD. PLAN	TITLE
A87A	CURBS AND DRIVEWAYS
RSP A88A	CURB RAMP DETAILS (DATED 9-29-04)

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION, 1997 EDITION

STD. PLAN	TITLE
PLAN 110-1	DRIVEWAY APPROACHES
PLAN 120-1	CURB AND GUTTER - BARRIER
PLAN 122-1	ALLEY INTERSECTION
PLAN 130-1	CROSS AND LONGITUDINAL GUTTERS
PLAN 150-2	CURB DRAIN
PLAN 151-1	PARKWAY DRAIN
PLAN 205-1	SEWER MANHOLE ADJUSTMENT
PLAN 206-1	MANHOLE RAISING RINGS
PLAN 300-2	CURB OPENING CATCH BASIN
PLAN 313-1	LOCAL DEPRESSIONS AT CATCH BASINS
PLAN 335-1	PIPE CONNECTIONS TO EXISTING STORM DRAIN
PLAN 518-2	TREE STAKING
PLAN 519-3	TREE WELL
PLAN 520-2	TREE PLANTING
PLAN 523-1	ROOT PRUNING
PLAN 606-1	METAL HAND RAILINGS

CONVENTIONAL SYMBOLS

	EXISTING TOPOGRAPHY	PROPOSED IMPROVEMENTS
CURB		
CURB AND GUTTER		
GUTTER		
PAVEMENT CONCRETE		
AC		
ACCESS 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		
RETAINING WALL		
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

BW	BACK OF WALK
COM	COMMERCIAL
DEP	DEPRESS
EP	EDGE OF PAVEMENT
LACDPW	LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
LD	LOCAL DEPRESSION
LT	LEFT
PWFB	PUBLIC WORKS FIELD BOOK
PWLB	PUBLIC WORKS LEVEL BOOK
U.P.R.R.	UNION PACIFIC RAIL ROAD
RT	RIGHT
SPPWC	STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

REFERENCES

MATERIALS TEST REPORT

LAB No. 36972 DATED 11/08/04

SURVEY

PWFB 1021 PAGES 5070-5118
PWLB 1021 PAGES 6746-6763

CONSTRUCTION SYMBOLS

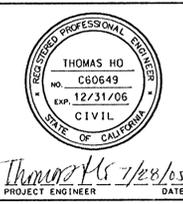
- (NO) INDICATES WORK PER CONSTRUCTION LEGEND
- (Lr) CURVE DATA SHOWN IN TABLE ON PLAN
- ②" P4 ABOVE LINE: INDICATES THE TYPE OF STANDARD OR THICKNESS OF SURFACE MATERIAL IN INCHES; CURB RAMP CASE, TYPE, SECTION AND DETAIL OR TREE PLANTING CASE
- ⑤" CMB BELOW LINE: REFERENCE TO DETAIL OR THICKNESS OF BASE MATERIAL IN INCHES OR TREE WELL CASE
- ⑤ $\frac{a \times b}{4"$ ABOVE THE LINE: a = LENGTH PARALLEL TO CURB
b = LENGTH PERPENDICULAR TO CURB
- ⊙ ← R REMOVE TREE
- ⑭ $\frac{a, b}{2" P4}$ ABOVE THE LINE: a = WIDTH OF DRIVEWAY BEHIND APRON
b = DISTANCE BACK OF APRON
BELOW THE LINE: THICKNESS AND TYPE OF SURFACE MATERIALS BEHIND APRON
LEFT OF THE LINE: STA OF THE DRIVEWAY APRON
RIGHT OF THE LINE: DRIVEWAY WIDTH "W" OF APRON
- ⑰ C, L, S, R, T LEFT OF THE LINE: STA OF THE STAIRWAY
RIGHT OF THE LINE: STAIRWAY WIDTH AND TYPE
- (MT) $\frac{W}{L}$ MEDIAN TAPER PER STD PLAN 140-2
- (MF) $\frac{W}{L}$ MEDIAN FLARE PER STD PLAN 141-1
- ⊙ ← RU UTILITY TO BE RELOCATED BY OTHERS
- (T) TREE

ASPHALT CONCRETE PAVEMENT LEGEND

P1 SURFACE COURSE	C2-AR-4000	P4 C2-AR-4000
BASE COURSE	B-AR-4000	P5 D1-AR-4000
P2 SURFACE COURSE	C2-AR-2000	P6 D2-AR-4000
BASE COURSE	B-AR-4000	P7 D2-AR-2000
P3 C1-AR-4000		P8 B-AR-4000

DATE: 7/20/05
 REVIEWED BY: [Signature]
 CADD PROJECT FILE NAME: Rongolipst-Design.dgn
 CHECKER: HENRY YAN
 DESIGNER: THOMAS HO
 DRAFTER: THOMAS HO

DATE	MK	DESCRIPTION
REVISIONS		



COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

RANDOLPH STREET - HOLMES AVENUE TO PACIFIC BOULEVARD

PROJECT ID NO. RDC0014410

JOB X2100471 DWG PH075589 SHEET 2 OF 12