

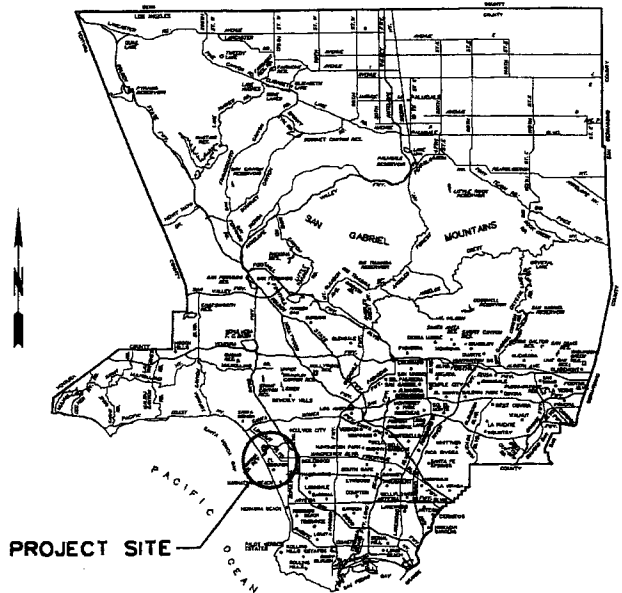
COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

MARINA DEL REY 18" WATERLINE REPLACEMENT, PHASE II

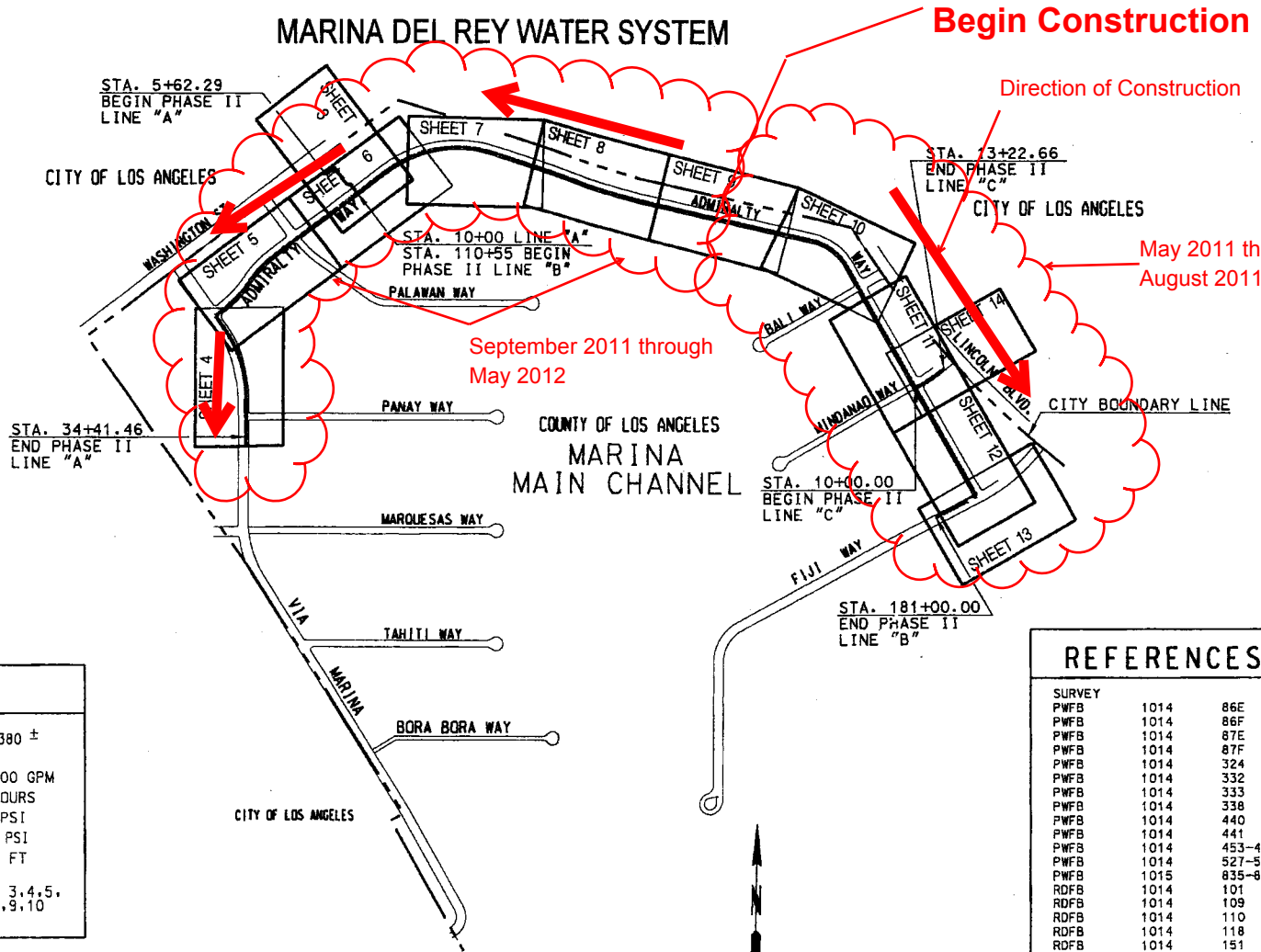
SHT NO	SHEET INDEX
1	TITLE SHEET, LOCATION MAP, INDEX MAP, & LEGEND
2	GENERAL CONSTRUCTION NOTES AND MATERIALS LIST
3	LINE "A" PLAN AND PROFILE STA. 5+62.49 TO STA. 10+00
4	LINE "A" PLAN AND PROFILE STA. 34+41.46 TO STA. 25+00
5	LINE "A" PLAN AND PROFILE STA. 25+00 TO STA. 13+50
6	LINE "A" PLAN AND PROFILE STA. 13+50 TO STA. 9+45 LINE "B" PLAN AND PROFILE STA. 110+55 TO STA. 117+50
7	LINE "B" PLAN AND PROFILE STA. 117+50 TO STA. 127+50
8	LINE "B" PLAN AND PROFILE STA. 127+50 TO STA. 139+00
9	LINE "B" PLAN AND PROFILE STA. 139+00 TO STA. 150+50
10	LINE "B" PLAN AND PROFILE STA. 150+50 TO STA. 159+50
11	LINE "B" PLAN AND PROFILE STA. 159+50 TO STA. 170+50
12	LINE "B" PLAN AND PROFILE STA. 170+50 TO STA. 178+00
13	LINE "B" PLAN AND PROFILE STA. 178+00 TO STA. 181+00
14	LINE "C" PLAN AND PROFILE STA. 10+00 TO STA. 13+22.66
15	UTILITY UNDERCROSSING NOTES AND DETAILS
16	INSULATED JOINT TYPICAL DETAILS
17	LOG OF BORINGS
18	LOG OF BORINGS
19	LOG OF BORINGS
20	LOG OF BORINGS
21	LOG OF BORINGS
22	LOG OF BORINGS

LEGEND	
PROPOSED WATER MAIN	—
STREET CENTER LINE	—C—
COUNTY BOUNDARY	-----
RIGHT OF WAY LINE	-----
EXISTING WATER MAIN	---10" W---
EXISTING WATER (STEEL PIPE)	---4" STL W---
EXISTING WATER (ASBESTOS CEMENT)	---14" AC W---
EXISTING STORM DRAIN	---18" SD---
EXISTING SEWER	---12" SWR---
EXISTING GAS LINE	---4" G---
EXISTING LIQUID GAS	---6" LG---
EXISTING SOUTHERN CALIFORNIA EDISON LINE	---SCE---
EXISTING TELEPHONE/ CABLE LINES	---RP MONT--- ---ST. LT.--- ---THETA CABLE--- ---GEN TEL---
THRUST BLOCK	⊠
VALVE	⊕
TEE, BELLED	⊥
ELBOW, FLANGED	⊥
COUPLING ADAPTER	⊥
SERVICE CONNECTION	⊥
FIRE HYDRANT 6" x 4" x 2 1/2"	⊕
FLUSHOUT: 4" x 2 1/2" COMPLETE	⊕
PUMP WELL	⊕
AIR AND VACUUM RELEASE VALVE ASSEMBLY (ARV)	⊕
MATERIALS NUMBER SEE "MATERIALS LIST" (SHEET 2)	⊕
WATERLINE TABLED DATA (SEE ALL SHEETS)	⊕
CONNECTION DETAIL REFERENCE	⊕
CONTRACTOR TO POT HOLE UTILITY	⊕
BORING LOCATION	⊕

REFERENCES		
SURVEY	1014	86E
PWFB	1014	86F
PWFB	1014	87E
PWFB	1014	87F
PWFB	1014	324
PWFB	1014	332
PWFB	1014	338
PWFB	1014	440
PWFB	1014	441
PWFB	1014	453-456
PWFB	1014	527-534
PWFB	1015	835-849
RDFB	1014	101
RDFB	1014	109
RDFB	1014	110
RDFB	1014	118
RDFB	1014	151
RDFB	1014	152
RDFB	1014	174-176
RDFB	1014	86A
RDFB	1014	86B
RDFB	1014	86C
RDFB	1014	87A
RDFB	1014	87B
RDFB	1014	87C
RDFB	1015	123
RDFB	1015	123A
RDFB	1015	124
RDFB	1015	124A



LOCATION MAP
N.T.S.
T.G. PAGE 701, 702, 671 & 672



INDEX MAP
N.T.S.

UTILITY CONTACTS

BENITA HALL
TIME WARNER CABLE
1970 E. GRAND AVENUE, SUITE 200
EL SEGUNDO, CA 90245
PHONE: (310) 647-5138

MARCUS BLAND
SOUTHERN CALIFORNIA EDISON
PLANNING DEPARTMENT
1721 22ND STREET
SANTA MONICA, CA 90404
PHONE: (310) 315-3214

DAVID MCKIBBEN, L.P.A.
SOUTHER CALIFORNIA GAS CO.
PO BOX 9099
COMPTON, CA 90224-9099
PHONE: (310) 687-2032

DAVID G. ARMENTA
VERIZON
1450 BUNDY DRIVE
LOS ANGELES, CA 90004

DON HERNANDY
LACSD
P.O. BOX 4998
WITTIER, CA 90607-4998
PHONE: (562) 908-4288

SANDY TRUONG
CITY OF LOS ANGELES - PUBLIC WORKS
BUREAU OF STREET LIGHTS
200 NORTH SPRING STREET
LOS ANGELES, CA 90012
PHONE: (213) 847-1545

LOUIE FERRER
CITY OF LADWP - POWER
111 N. HOPE ST.
LOS ANGELES, CA 90012-2694
PHONE: (213) 367-1225

MARK PATTERSON
CITY OF LADWP - WATER
111 N. HOPE ST.
LOS ANGELES, CA 90012-2694
PHONE: (213) 367-1225

STATISTICS

FEET OF NEW 18" WATERMAIN	10,380 ±
FEET OF NEW 24" WATERMAIN	
PUBLIC FIRE FLOW	5,000 GPM
DURATION OF FIRE FLOW	5 HOURS
RESIDUAL PRESSURE	20 PSI
MAX STATIC PRESSURE	100 PSI
PRESSURE ZONE	242 FT
DISTRIBUTION MAP SHEET NO.	MOR 3,4,5, 6,7,9,10

BENCHMARK

R.C.D. DESIGNATION: T-4-68
NAVD 88 ELEV. 15.09

NATIONAL GEODETIC SURVEY 1994 (SDD) IN MARINA DEL REY, AT 13715 FIJI WAY, NEAR THE SOUTHEAST CORNER OF A CONCRETE CATCH BASIN, 49.6 M (162.7 FT) NORTHEAST OF THE SOUTHEAST CORNER OF THE EL TORRITO RESTAURANT AT 13715 FIJI WAY, 5.9 M (19.4 FT) WEST OF THE CENTERLINE OF THE SOUTHBOUND LANES OF THE WAY, 4.5 M (14.8 FT) NORTH OF THE NORTH END OF A BUS PULL-OUT, AND 0.3 M (1.0 FT) ABOVE THE LEVEL OF THE WAY.

LOS ANGELES COUNTY DEPARTMENT OF BEACHES AND HARBORS



BEFORE STARTING EXCAVATION CONTACT LOS ANGELES COUNTY WATERWORKS FIELD REPRESENTATIVE

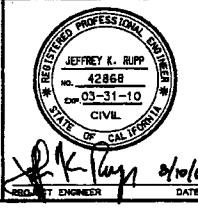
SHAWN DANAEI
(310) 456-6621 (EXT 238)

APPROVED BY: *[Signature]* 10/5/09 DATE

RECOMMENDED BY: *[Signature]* 10/5/09 DATE

DATE	BY	DESCRIPTION

DAVID EVANS AND ASSOCIATES INC.
4200 Concourse, Suite 200
Ontario California 91764
Phone: 909.481.5750



COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
MARINA DEL REY WATER SYSTEM

MARINA DEL REY 18" WATERLINE REPLACEMENT, PHASE II

TITLE SHEET, LOCATION MAP, INDEX MAP, & LEGEND

PROJ ID WWD8000002 JOB Y580231 SPEC 80-112 SHEET 1 OF 23

DATE: 08/10/09
REVIEWED BY: LMGR
CHECKED BY: DAQ/GJM
DESIGNER: DXP/AAP