	UNITED STATES GEOLOGICAL SURVEY DATUM PLANE OF REFERENCE USED.		DATUM PLANE OF REFERENCE IS ABOVE OR BELOW U.S.G.S. DATUM.		TO CONVERT BENCH MARK ELEVATIONS BASED ON EXISTING DATUM TO U.S.G.S.		~REMARKS~
			ABOVE	BELOW	ADD	DEDUCT.	
ALHAMBRA	YES				F 70 F 5		U.S.G.S. datum adopted by ordinance Nº 1541. (D:88-151)
ARCADIA		NO NO	5.72 FT.		5.72 FT.		Datum Plane is 2.61 ft. below U.S.C. & G.S. "meantide level" at Avalon, Santa Catalina Island. (D:88-155)
AZUSA		NO					City of Azusa datum established by Ordinance No 89. (E: 4-48)
BELL							No datum plane has been established by ordinance.
BEVERLY HILLS	YES	•					U.S.G.S. datum not adopted by ordinance, but in use.
BURBANK	YES						U.S.G.S. datum in use since 1930.
CLAREMONT							
COMPTON	YES						U.S.G.S. datum in use since Jan. 1927, and before.
COVINA	YES						U.S.G.S. datum in use for several years.
CULVER CITY	TES	NO	5.71 FT.		5.71 FT.		olorado datom mode for deveral years.
EL MONTE EL SEGUNDO		NO	6.15 FT.		6.15 FT.		
GARDENA	YES						
GLENDALE	YES						U.S.G.S. datum adopted by Ordinance Nº 1435. (D:88-151)
GLENDORA	YES						
HAWTHORNE		NIO					
HERMOSA BEACH		NO NO	5.55 FT.		5.55 FT.		Same datum plane as City of Vernon.
HUNTINGTON PARK	YES	110	5.00	19-85			City of Inglewood datum established by Ordinance No 1326
LA VERNE	120						
LONG BEACH ~ See Miscellaneous notes below.*	YES						U.S.G.S. datum adopted about 1928.
LOS ANGELES~ " " "	YES						City of Los Angeles datum established by Ordinance Nº 52,222.
LYNWOOD	YES						
MANHATTAN BEACH	YES						
MAYWOOD	YES	NO		12.75 FT.		12.75 F.T.	
MONROVIA MONTEBELLO		NO		12,10 1 1.			City of Montebello datum established by Ordinance Nº 62. (E:4-49)
MONTEREY PARK	YES						
PASADENA	YES						U.S.G.S. datum adopted by Ordinance Nº 2862. (D:88-152)
POMONA		NO	5.065 FT.		5.065 FT.	200	
REDONDO BEACH		NO		2.025 FT.		2.025 FT.	City of Redondo datum established by Ordinance Nº 317. (E: 4-50)
SAN FERNANDO	YES						U.S.G.S. datum adopted by Ordinance Nº 274. (D:82-54)
SAN GABRIEL	YES						U.S.G.S. datum adopted by Ordinance Nº 210. (D:88-153)
SAN MARINO SANTA MONICA		NO	1.40 FT.		1.40 FT.		
SIERRA MADRE		NO	6.19 FT.		6.19 FT.		
SIGNAL HILL	YES						U.S.G.S. datum not adopted by ordinance, but in use.
SOUTH GATE	YE5						U.S.G.S. datum adopted by ordinance Nº 372 ~ Nov. 14th 1938. (E:30-76)
SOUTH PASADENA	YES						U.S.G.S. datum in use since 1926.
TULLINGA	YES						
VERNON	123	NO	5.55 FT.		5.55 FT.		Same datum plane as City of Huntington Park.
WEST COVINA							
WHITTIER		NO	5.10 FT.		5.10 FT.		City of Whittier datum established by ordinance July 25, 1898.
~MISCELLANEOUS~							
CITY OF LONG BEACH~HARBOR DEPT. *		NO		2.80 FT.		2.80 FT.	Datum for harbor work is: "lower low water".
CITY OF LOS ANGELES ~OWENS RIVER *		NO	2.19 to 2.38 FT.		2.19 to 2.38 FT		Use difference of 2.19 ft. for all points north of township line between T.5N. & T.6N. Use difference of 2.38 ft. for San Fernando Valley.
CITY OF LOS ANGELES~HARBOR DEPT. *		NO		2.80 FT.		2.80 FT.	Datum for harbor work is:~ "lower low water."
		140		0.001			Daron to haron work is:~ lower low warer.
COUNTY OF LOS ANGELES ~ALL ENGINEERING DEPARTMENTS.							
STATE OF CALIFORNIA DEPT OF PUBLIC WORKS, DIVISION OF HIGHWAYS. UNITED STATES COAST & GEODETIC HYDRO-	YES						
UNITED STATES COAST & GEODETIC HYDRO-		NO		2.80 FT.		2.80FT.	Datum for hydrographic surveys is: ~ "lower low water."
UNITED STATES COAST & GEODETIC LAND							
SURVEYS.	YES	DI ANE OF					Datum for land surveys is: "mean sea level" or U.S.G.S.
UNITED STATES GEOLOGICAL SURVEY.	REFERE	PLANE OF					"Mean sea level."
ATCHISON TOPEKA & SANTA FE RAILWAY CO.	YES						
LOS ANGELES RAILWAY CORPORATION .		NO	5 775 FT		5.775 FT.		I A Du Comp upon alt. Class A . I . I . I . I . I . I . I . I . I .
		NO	5.775 FT.				L.A. Ry. Corp. uses city of Los Angeles datum lost in use prior to July 1st 1925. Exception: U.S.G.S. datum used on all work in which County is interested especially where
PACIFIC ELECTRIC RAILWAY COMPANY.		NO	5.71 FT.		5.71 FT.		Exception: U.S.G.S. datum used on all work in which County is interested, especially where approval of County authorities is sought.
SOUTHERN PACIFIC RAILROAD COMPANY.		NO		2.493 FT.		2.493 FT.	
UNION PACIFIC SYSTEM~LOS ANGELES &							
UNION PACIFIC SYSTEM~LOS ANGELES & SALT LAKE RAILROAD COMPANY.							Various datums used. Relative differences not yet known.
SOUTHERN CALIFORNIA EDISON COMPANY.	YES						
						THE REAL PROPERTY.	

~ DATUM PLANES ~ LOS ANGELES HARBOR (OBSERVATIONS 1924 TO 1931 INCL.)

HIGHEST TIDE OBSERVED	. 7.60
HIGHER HIGH WATER	5.42
MEAN HIGH WATER	4.70
HALF TIDE LEVEL	2.83
MEAN SEA LEVEL	2.80
MEAN LOW WATER	. 0.95
LOWER LOW WATER	0.00
LOWEST TIDE OBSERVED	-1.90

NOTES:~

MEAN SEA LEVEL IS THE DATUM PLANE
OF REFERENCE FOR THE PRECISE LEVEL
NET AND ALL LAND SURVEYS OF THE
UNITED STATES GEOLOGICAL SURVEY AND
THE UNITED STATES COAST AND GEODETIC
SURVEY.

"LOWER LOW WATER" IS THE DATUM PLANE
OF REFERENCE FOR THE HYDROGRAPHIC
WORK PERFORMED BY THE UNITED STATES
COAST AND GEODETIC SURVEY ON THE
PACIFIC COAST.

MEAN HIGH WATER IS ACCEPTED AS BEING COINCIDENT WITH ORDINARY HIGH TIDE AS USED IN THE CALIFORNIA CODES. THIS IS THE BOUNDARY LINE OF PRIVATE OWNERSHIP ALONG THE COAST. SEE S.C.C. Nº 82508~ THE STRAND IMPROVEMENT COMPANY VS. CITY OF LONG BEACH. SEE ALSO S.C.C. Nº. 86772~CITY OF LOS ANGELES VS. S.P.L.A. & SALT LAKE RAILROAD COMPANY.

FROM THE ABOVE INFORMATION OBTAINED FROM A SERIES OF OBSERVATIONS CARRIED ON OVER A PERIOD OF SEVEN YEARS ~ (1924 TO 1931 INCLUSIVE) AT THE U.S.C. & G.S. TIDE STATION AT MUNICIPAL PIER Nº 1 AT THE LOS ANGELES HARBOR, THE ELEVATION OF "MEAN HIGH WATER" IS 1.90 ~ U.S.G.S. DATUM (4.70 - 2.80).

~ REVISIONS ~

South Gate-Nov.14,1938.

Inglewood - July 27,1956

DATUM PLANES USED IN

LOS ANGELES COUNTY, CALIFORNIA

COUNTY SURVEYORS MAP Nº B-922.

WORK ORDER Nº 105

J.E.ROCKHOLD ~ COUNTY SURVEYOR COMPILED 1930~1933.

COMPILED BY THE COUNTY SURVEYOR FROM INFORMATION FURNISHED BY VARIOUS CITIES, BUREAUS, AGENCIES, AND CORPORATIONS OPERATING IN LOS ANGELES COUNTY.

OFFICE WORK BY J.H. SMITH.

R.W.M. ALLISTER

CHECKED BY . . . A.A. ROESER.

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