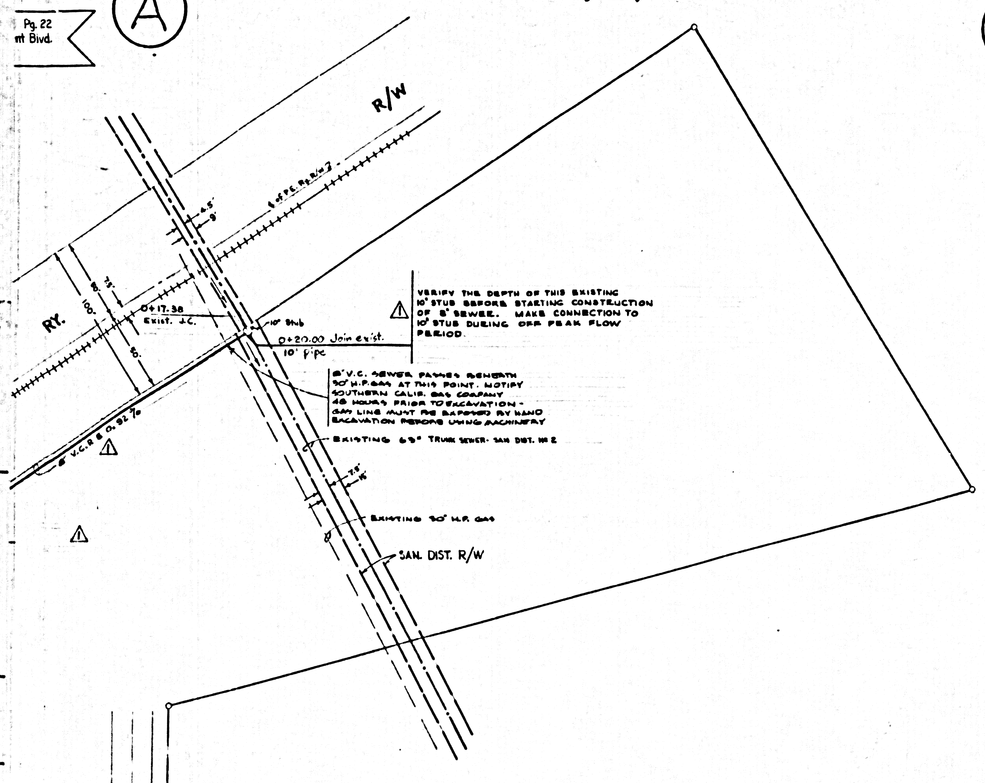
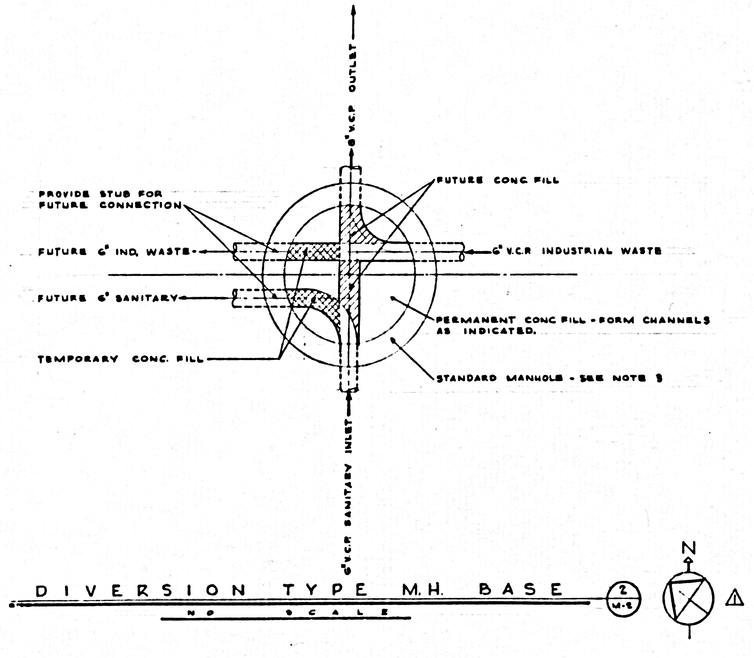
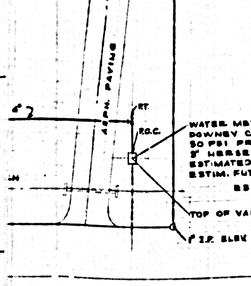
P.C. 3929





DIVERSION TYPE M.H. BASE (2 M1-5)

NO SCALE



W.S. 36

APPROVED, INDUSTRIAL WASTE DIVISION
BY Arthur Birkett

APPROVED BY A. M. RAWN
CHIEF ENGINEER OF LOS ANGELES COUNTY SANITATION DISTRICT No.
BY L. F. Dawson DATE 2/14/56
Division Engineer

APPROVED: John A. Lynch, COUNTY ENGINEER
BY A. Hollen

APPROVED: A. M. RAWN, CHIEF ENGINEER OF COUNTY SANITATION DISTRICTS No. —
BY G. Parkhurst
OFFICE ENGINEER

CHECKED S.K. Oules 5-16-56
OFFICE OF COUNTY ENGINEER

APPROVED BY A. M. RAWN
CHIEF ENGINEER OF LOS ANGELES COUNTY SANITATION DISTRICT No.
BY _____ DATE _____
Division Engineer

PROJECT NORTH
TRUE NORTH

Before breaking into any existing structure and before final acceptance of this work, County Sanitation District should be notified - order that required inspection may be made.

Revised 12-6-56 M Larson

REGISTERED CIVIL ENGINEER
K. Y. LIN
No. 8661
CIVIL
STATE OF CALIFORNIA

DIVISION OF BUILDING AND SAFETY
Dept. of Public Works
APPROVED
DATE 11-19-56
BY
Engineering Assistant
Division of State Law

SYMBOLS
ABBREVIATIONS

SYMBOLS	ABBREV	DESCRIPTION
	S. OR W.	SOIL OR WASTE
	F.C.O-C.O.T.G	FLOOR CLEANOUT - CLEAN OUT TO GRADE
	S.A.M.	SEWER MANHOLE
	V.T.R.	VENT THRU ROOF
	V.O.	VENT OFFSET
	P.T	PLUGGED TEE
	C.W	DOMESTIC COLD WATER
SCW	S.C.W.	SOFT COLD WATER
	H.W.	DOMESTIC HOT WATER
	H.W.R.	DOMESTIC HOT WATER RETURN
G	G	FUEL GAS (NATURAL)
A	A	COMPRESSED AIR
SD	S.D	STORM DRAIN
PT	P.T.	PLUGGED TEE
	S.G.C.or SGV	SHUT OFF VALVE (COCK) IN CONC. YARD BOX
	H.B.	HOSE BIBB
		GATE VALVE
		GLOBE VALVE
		BALANCING VALVE (PLUG TYPE)
		CHECK VALVE
		REDUCER
		STRAINER
		UNION (SCREWED OR FLANGED)
	P.C.	PLUG COCK
	C.I.	CAST IRON
	K.H.C.I.	EXTRA HEAVY CAST IRON
	I.E.	INVERT ELEVATION
	N.I.C.	NOT IN CONTRACT
	P.O.C.	POINT OF CONNECTION
	R.T	REDUCING TEE
	R.E.	REDUCING ELBOW
	V.C.	VITRIFIED CLAY
		AIR EXTRACTOR
	S.D	SPLITTER DAMPER
	A.V.V.	AIR VENT VALVE
		THERMOMETER
		THERMOSTAT
		MOTOR STARTER
	P.G.	PRESSURE GAUGE
	A.D	ACCESS DOOR
	C.A	COMBUSTION AIR
	O.A.	OUTSIDE AIR
	F.L.F.D.	FUSIBLE LINK FIRE DAMPER
	R.A	RETURN AIR
	S.A.	SUPPLY AIR
	T.V.	TURNING VANES
	E.A	EXHAUST AIR
	C.F.M.	CUBIC FEET PER MINUTE
	C.F.M.S.	" " " " SUPPLY AIR
	C.F.M.R.	" " " " RETURN AIR
	C.F.M.E.	" " " " EXHAUST AIR
	C.D	CEILING DIFFUSER
	S.D.	SIDEWALL DIFFUSER
	E.A.R.	EXHAUST AIR REGISTER
	R.A.R.	RETURN AIR REGISTER
C	C	CONDENSER SUPPLY (TO CONDENSER)
CR	C.R.	CONDENSER RETURN (FROM CONDENSER)
RWS	R.W.S.	ROOF WATER SUPPLY
RWR	R.W.R.	ROOF WATER RETURN
HPS	H.P.S.	HIGH PRESSURE STEAM
HPC	H.P.C.	HIGH PRESSURE CONDENSATE
LPS	L.P.S.	LOW PRESSURE STEAM
LPC	L.P.C.	LOW PRESSURE CONDENSATE
ACS	A.C.S	AIR CONDITIONED SUPPLY
ACR	A.C.R	AIR CONDITIONED RETURN
FG	F.G	FIRM GAS
	E.D.F	ELEC. DRINK. FOUNTAIN

REVISIONS

1	6-5-56	REVISED SEWER - ADDED PROFILE & M.H. DETAIL

GENERAL NOTES

1. "UNDERGROUND PLUMBING WORK" INCLUDES ALL PLUMBING WORK WHICH IS UNDERGROUND, IN THE CONCRETE FLOOR SLAB, ALL PIPING TO A POINT 6" ABOVE THE FINISHED FLOOR AND INCLUDES CAPPING OF ALL PIPES FOR CONNECTION OF PIPING TO BE INSTALLED ABOVE FLOOR.
2. ALL PLUMBING SHALL COMPLY WITH THE LA COUNTY PLUMBING ORDINANCE NO. 5065.
3. ALL STANDARDS REFERRED TO IN COUNTY PLUMBING ORDINANCE SHALL BE CONSIDERED AS A PART OF THIS SPECIFICATION.
4. ALL BUILDING MANHOLES AND COVERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LA COUNTY ORDINANCE NO. 5065, STANDARD NO. A-4 AND NO. A-5.
5. BUILDING AND SAFETY DIVISION OF THE LA COUNTY ENGINEER'S OFFICE SHALL BE NOTIFIED 48 HOURS PRIOR TO START OF CONSTRUCTION.
6. ALL CASTING COVERS SHALL BE INSTALLED UNDER DIRECT SUPERVISION OF A COMPETENT PERSON WHO SHALL BE RESPONSIBLE FOR SETTING THE SAME TO THE GRADES AND ELEVATIONS APPROVED BY THE LA COUNTY ENGINEER'S OFFICE, BUILDING & SAFETY DIVISION.
7. ALL SEWER LINES RUN AT LESS THAN 1% GRADIENT SHALL BE STAKED AND GRADED.
8. GRADE BEAMS, PILE CAPS AND OTHER STRUCTURAL MEMBERS HAVE BEEN SHOWN FOR CONVENIENCE ONLY. REFER TO STRUCTURAL DWGS. FOR EXACT SIZES AND LOCATIONS.
9. SEE SHT. M1 FOR EQUIPMENT AND PLUMBING SCHEDULES.

PLOT PLAN - GENERAL NOTES - LEGEND

RACK & SUNDERLAND
MECHANICAL & ELECTRICAL ENGINEERS
PASADENA • CALIFORNIA

DATE JUNE 21, 1956
DRAWN BY H.W.R. & W.G.
CHECKED BY ON
JOB NO. 56-01

SHEET M2 OF 10 SHEETS

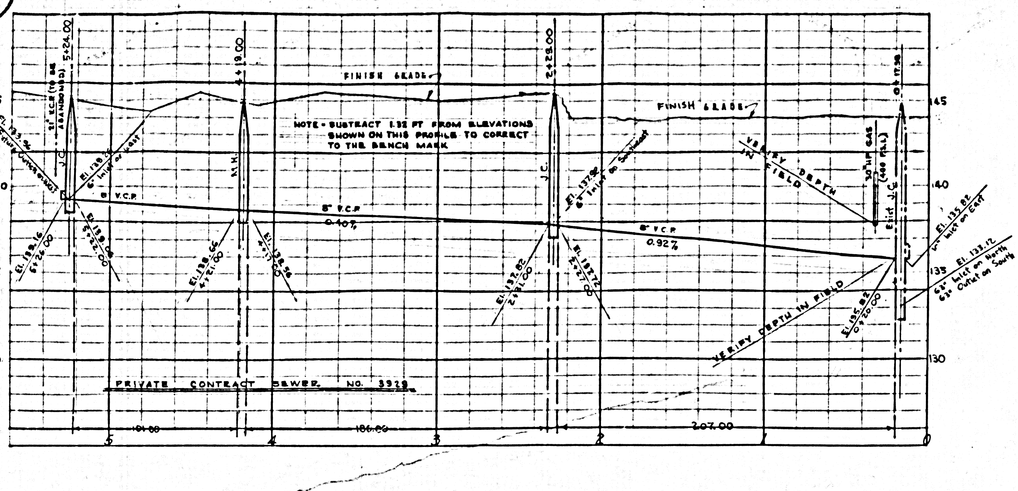
(WATER DIST)

B

P.C. 3929

B.M. 4-17 Elev. 142.240 C.S.F.B. 1205 Pg. 22
20' N'ly. of ℄ Int. of Telegraph Rd. & Paramount Blvd.
Std. conc. mon. in well, down 10"

B



SEWER — PROFILE

SCALE — HORIZONTAL — 1" = 40' - 0"
VERTICAL — 1" = 4' - 0"

WHITTIER BLDG. DIST. No 11

NOTE:

ELEVATIONS ARE IN FEET ABOVE U.S.C.&G.S. SEA LEVEL DATUM OF 1929.

THIS DRAWING AND THE DATA HEREON ARE HEREBY MADE A PART OF THE SPECIFICATIONS.

WORK SHALL BE CONFORMED ACCORDING TO SPECIFICATIONS ON FILE IN THE OFFICE OF THE COUNTY ENGINEER AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.

BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE A COUNTY FOR ITS PROJECT, THE COUNTY ENGINEER, 1000 SOUTH 2ND STREET, LOS ANGELES, CALIFORNIA, DIVISION OF HIGHWAYS, 1000 SOUTH BROADWAY, SUBSTRUCTURE TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORDING.

IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 1000 SOUTH SPRING STREET, AFTER MAKING THE DEPOSIT WITH THE COUNTY ENGINEER.

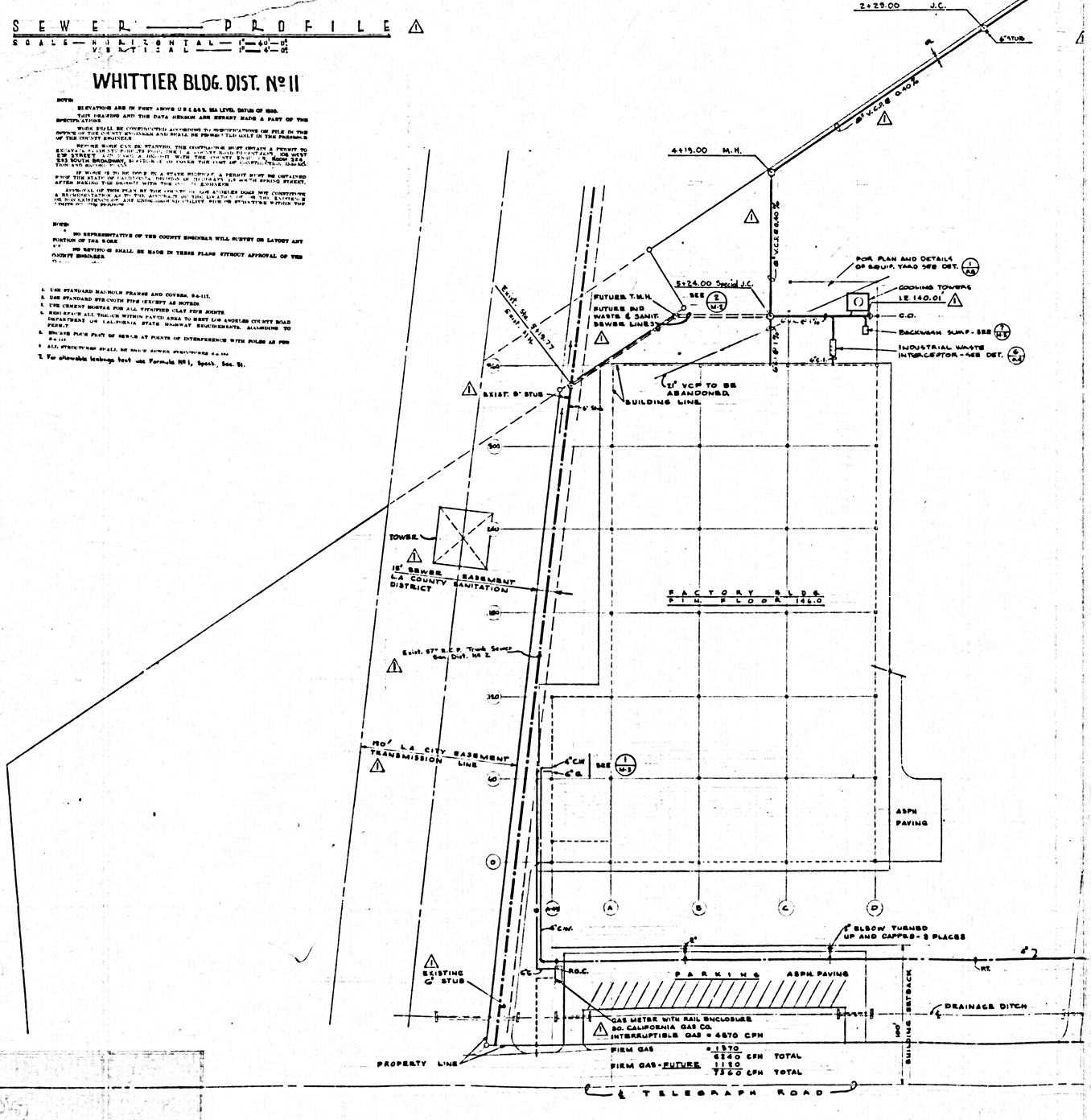
APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A RECOMMENDATION AS TO THE ADVISABILITY OF THE LOCATION OF THE ENGINEER OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY, PIPE OR STRUCTURE WITHIN THE LIMITS OF THE PROJECT.

NOTE:

NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAYOUT ANY PORTION OF THE WORK.

NO RETURNS SHALL BE MADE IN THESE PLANS WITHOUT APPROVAL OF THE COUNTY ENGINEER.

1. USE STANDARD MANHOLE FRAMES AND COVERS, 6-6-111.
2. USE STANDARD STRAIGHTS PIPE (EXCEPT AS NOTED).
3. USE CEMENT MORTAR FOR ALL VITRIFIED CLAY PIPE JOINTS.
4. REPLACE ALL TRENCH WITHIN PAVED AREA TO MEET LOS ANGELES COUNTY ROAD DEPARTMENT OR CALIFORNIA STATE HIGHWAY REQUIREMENTS, ACCORDING TO PERMIT.
5. ENCASE PIPE FOR SEWER AT POINTS OF INTERFERENCE WITH POLES AS PER 6-6-111.
6. ALL STRUCTURES SHALL BE BRICK SEWER STRUCTURES 6-6-111.
7. For allowable leakage test use Formula No 1, Spec. Sec. 51.



PLOT PLAN
SCALE 1" = 40' - 0"

PROJECT No.
TRUE

KAYNAR MANUFACTURING CO. INC.
800 - 7300 TELEGRAPH ROAD - RIVERA - CALIFORNIA