

Transmittal

Date: January 27, 1997

To: Jennifer Eberle
ACHCSA

From: Diane Lundquist

Former Shell Service Station
461 8th Street
Oakland, California

ENVIRONMENTAL
PROTECTION

TRAN 28 PM 3:00

Comments:

As we discussed during our January 21, 1997 meeting, we are forwarding a copy of the off-site source investigation which Shell performed to you. This research identified the presence of a former Chevron service station at the intersection of 7th and Broadway.

If you have any questions, please call me at (707) 935-4852.

cc: Mr. R. Jeff Granberry, Shell Oil Products Company (no attachment)

August 12, 1996

*Bleeker Chevron
7th of Broadway
Oak.*

ENVIRONMENTAL
PROTECTION

98 NOV -2 PM 1:21

Mr. R. Jeff Granberry
Shell Oil Products Company
PO Box 4023
Concord, California 94524

Project No.	216				
RPT	X	PF		BF	
1	2	3	4	5	6

RE: Off-Site Source Investigation
461 Eighth Street
Oakland, CA
WIC No. 204-5508-6205

STIP 4254

Dear Mr. Granberry:

Enviros, Inc. has conducted research to identify former and existing petroleum storage facilities in the vicinity of the subject site, to identify underground utility line locations which may serve as preferential pathways for migration, and to review public records of environmental investigations conducted at sites in the vicinity of the site.

1.0 SCOPE OF WORK

The scope of work associated with the off-site source search consisted of the following tasks:

- Review of the Phase I Preliminary Site Assessment Report prepared by GeoStrategies Inc. (GSI) for the subject site,
- Review of historical city directories to identify former gasoline dispensing facilities in the vicinity of the site (The city directory review was not conducted as part of GSI's Phase I Investigation.),
- Review of the current LUSTIS list to identify confirmed UST leak sites in the vicinity of the site,
- Review of Alameda County Health Care Services Agency (ACHCSA) files for the four confirmed leak sites identified in the GSI Phase I Report as having the potential to impact ground water in the vicinity of the subject site and for any additional sites identified on the current LUSTIS list,
- Review of records at the City of Oakland Building Department for the Oakland Police Administration facility and the subject site to identify historical UST location(s) at these facilities,
- Review of records at the City of Oakland Public Works Department and/or Engineering Department to identify underground utility locations and available construction details,
- Review of historical Sanborn maps for the east side of Broadway at the University of California, Berkeley Map Library,
- Development of an extended site map for the site vicinity based on assessors parcel maps, and
- Preparation of a letter report presenting the findings of this research.

GeoStrategies Phase I Preliminary Site Assessment Report

The GSI Phase I site assessment included a physical inspection of the property and surrounding area, interviews with persons knowledgeable of the subject site, a review of Federal, State, and local records, and associated research. Based on the data collected, GSI identified the following four sites of concern within a quarter mile of the subject property. Each of these sites is listed on the Regional Water Quality Control Board (RWQCB) LUSTIS list and is the a former service station location.

SITE NAME	SITE LOCATION
Parking Lot	9th and Jefferson
Pacific Renaissance Plaza	10th and Webster
Alex Shaw and Associates	800 Franklin
Oakland Auto Parts	706 Harrison

Several additional former service station sites have been identified by Enviro, Inc. which are in closer proximity to the subject site. Therefore, additional review of the sites identified by GSI was not conducted.

Historical City Directories

City directories listing sites by street address were available for the City of Oakland only for the years 1936, 1967 and 1969. These three directories were reviewed at the Oakland Public Library for possible off-site source areas within a three block radius of the subject site. The following sites were found in the directories and are listed here based solely on the name of the business as an indication of the possibility of petroleum storage and/or dispensing at the site.

1936

SITE NAME	SITE ADDRESS
Blue and White Cab Company	807 Broadway
Trueb Service Station	713 Franklin Street
Hansen and Kaiser Service Station	800 Franklin Street
George's Auto Repair	312 Eighth Street
8th Street Garage	362 Eighth Street

1967

SITE NAME	SITE ADDRESS
Pacific Motor Trucking	629 Clay Street
Mike's Phillips 66	831 Webster Street
City of Oakland Hall of Justice	455 Seventh Street
Chuck Alden American Oil and Gas	461 Eighth Street
Standard Service Station	925 Webster Street

1969

SITE NAME	SITE ADDRESS
City of Oakland Hall of Justice	455 Seventh Street
American Oil and Gas Station	461 Eighth Street
Special Transportation Services	629 Clay Street
Bill Louie Richfield Service	800 Webster Street
Ken Betts Standard	925 Webster Street

Pacific Telephone Directory Yellow Pages

Historical Pacific Telephone Directory Yellow Pages were reviewed for the years 1960 through 1966. In 1960, C. E. Bletcher Chevron Station was advertised at the corner of 7th and Broadway. In 1966, the service station had changed names to Ken Betts Chevron Station at the corner of 7th and Broadway. Copies of the yellow page listing are provided in Appendix A.

Several additional service stations were listed in the 1960 yellow pages in the vicinity of the subject site.

1960 Yellow Pages

SITE NAME	SITE ADDRESS
Bill's Richfield Service	800 Franklin Street
Bletcher Chevron Station	7th and Broadway
Tony's Chevron	330 Webster Street
Frank and Paul's Flying A Service	629 Franklin Street

RWQCB LUSTIS List

Review of the current RWQCB LUSTIS list did not reveal any new information. Alex Shaw and Associates located at 800 Franklin Street and the subject site, 461 8th street, are the only sites listed within a three block radius. Both of these sites were identified in the Gettler-Ryan Phase I report dated June 1993.

Alameda County Health Care Services Files

Because no new sites were listed on the RWQCB LUSTIS, and the ACHCSA receives its cases from the RWQCB, it was determined that the ACHCSA files would not contain any new information pertinent to the goal of this research.

City of Oakland Building Department

Building plans for the City of Oakland Hall of Justice, located at 455 7th Street, currently the Oakland Police Administration Building, were reviewed at the City of Oakland Building Department. No indication of underground storage tanks at the 455 7th Street building was found. The site plans are dated August 8, 1961.

Site reconnaissance of the Police Station, shows that the motor pool is located on 6th Street, between Broadway and Washington Streets, underneath the Nimitz Freeway (Interstate 880). The fuel dispensing area is located near the corner of Washington and 6th Streets. It appears that the underground storage tanks for the motor pool are located

under the sidewalk also near the corner of Washington and 6th Streets. Review of historical Sanborn Maps indicate this has also been the historical location of the underground tanks.

City of Oakland Public Works Department

Drawings of underground utility locations and construction details were available at the City of Oakland Public Works Department. The drawings identify several underground utilities which could serve as preferential pathways. Copies of these drawings are presented in Appendix B.

Sanborn Maps

Historical Sanborn Maps were reviewed at the University of California at Berkeley Map Library for the east side of Broadway. Although Sanborn Maps were reviewed by Gettler-Ryan in the June 1993 report, only maps for the west side of Broadway were reviewed. The following provides a list of potential source areas as indicated on Sanborn Maps for both sides of Broadway in the vicinity of 8th and Broadway Streets.

1953

MAP IDENTIFICATION	SITE ADDRESS
Gas and Oil	800 Franklin Street
Gas and Oil	831 Webster
Gas and Oil	636 Broadway
Gas and Oil	629 Franklin
Gas and Oil	300 7th Street OR 715 Harrison

1960

MAP IDENTIFICATION	SITE ADDRESS
Gas and Oil	636 Broadway
Gas and Oil	629 Franklin Street
Gas and Oil	300 7th Street OR 715 Harrison
Gas and Oil	800 Franklin Street
Gas and Oil	831 Webster
Gas and Oil	324 8th Street

1969

MAP IDENTIFICATION	SITE ADDRESS
Gas and Oil	300 7th Street OR 715 Harrison
Gas and Oil	800 Franklin Street
Gas and Oil	324 8th Street
Gas and Oil	925 Franklin Street

1970

MAP IDENTIFICATION	SITE ADDRESS
Gas and Oil	461 8th Street
Police Motor Pool	6th St. between Broadway & Washington
Gas and Oil	675 Washington Street

Alameda County Assessor Parcel Maps

Assessor Parcel maps were located for a three block radius surrounding the subject site. Potential off-site source areas identified to date have been plotted on the map.

Summary

The recent research identified two previously unknown potential off-site source areas. A service station operated at the corner of 7th and Broadway for at least the time period from 1953 to 1967. From at least 1960 to 1967, that service station operated as a Chevron service station; first under the name Bletcher Chevron and later by the name Ken Betts Chevron. Ken Betts currently operates several Chevron stations in the East Bay Area.

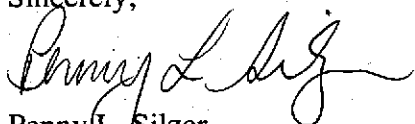
An additional service station was identified at the corner of Franklin and 7th Streets. This service station was present on the Sanborn Maps for the years 1953 through 1960. This station was listed as Frank and Paul's Flying A Service Station in the 1960 Pacific Telephone yellow pages.

It does not appear that any environmental investigations have been conducted at these sites.

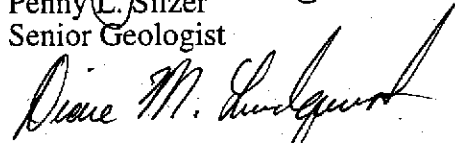
As shown on the attached extended site plan, eight facilities which stored petroleum products have operated within a two block radius of the subject site.

If you have any questions or comments, please call.

Sincerely,



Penny L. Silzer
Senior Geologist



Diane M. Lundquist, P.E.
Senior Engineer

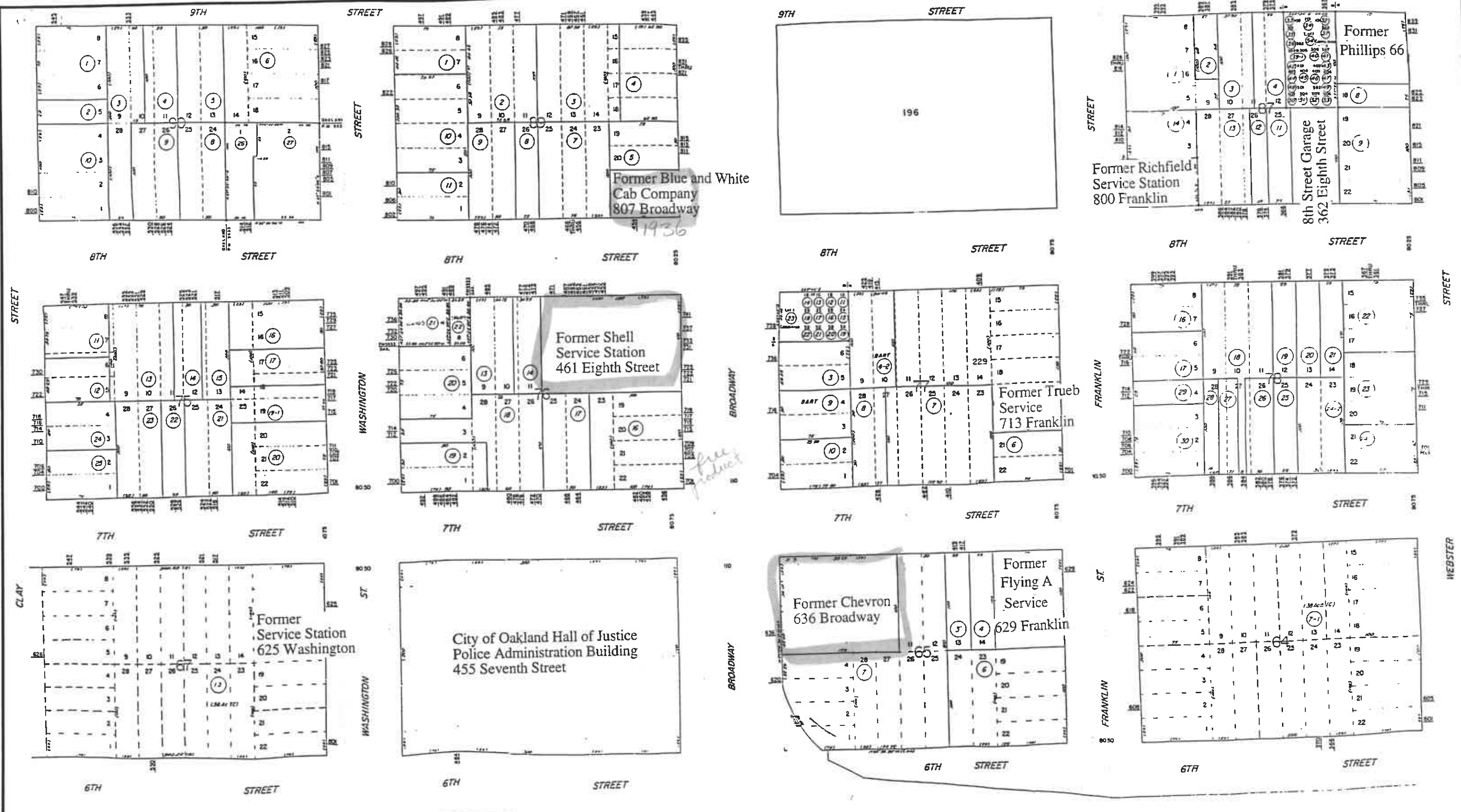
Attachments:

Plate 1 Potential Off-Site Source Areas

Appendix A 1960 and 1966 Yellow Page Listings

Appendix B Utility Maps

cc: Ms. Kathy Kelly, Shell Oil Products Company



☐ Approximate UST Location
Oakland Police Motorpool

PLATE
1

POTENTIAL OFF-SITE SOURCE AREAS
Former Shell Service Station
461 8th Street
Oakland, California

Drawn by: MED

Date: 5-Aug-96

Approved By: *[Signature]*

Date: 8-12-96

enviros[®]

96216

Appendix A

1960 and 1966 Yellow Page Listings

Service Stations—Gasoline & Oil—

(Conf'd)

Al Silva's Gateway Service Center
2901 Telegraph Av. TWInks 3-6644

Albany Mohawk Service
665 San Pablo Av(A).....LAnscpe 6-9946

Albany Signal Service
990 San Pablo Av(A).....LAnscpe 5-9954

Alexander's Service Stn 6037 Grove. OLYmnc 4-9338

Allen Service Stn 2301-234 Av.....KElog 2-9823

Allen's Richfield Service
5902 College Av.....OLympc 4-9315

AL'S GATEWAY SERVICE CENTER

S & H GREEN STAMPS
(Excess Tire Work)

Washing - Polishing - Steam Cleaning
Brake Service - Motor Tune-Up
Tire Recapping - 1 Day Service
Wheel Balancing & Aligning
Signal Gas & Oil

2901 Telegraph Av.....TWInks 3-6644

Al's Service 1234 Solano Av(A).....LAnscpe 4-1862

Al's Shell Service
230 W MacArthur Bl. OLYmnc 4-4633

AL'S TEXACO SAFETY SERVICE
Scientific Tune-Up
15225 Hesperian Blvd.....BRown 6-1955

AL's Texaco Service
4000 San Pablo Av(E). OLYmnc 8-0744

AL'S UNION SERVICE
In San Leandro-Pick-Up & Delivery
1895 Washington Av(S).....LCKchn 8-9764

Anderson Stan Shell Service Stn
1752 Shattuck Av(W). THrwl 1-3265

Anderson's Union Service
1985 MacArthur Bl.....KElog 2-9508

Annex Auto Repair
10329 San Pablo Av Rich Ave.....LAnscpe 5-2934

Art's Newark Service Stn
1740 San Pablo Av(W). LAnscpe 6-9852

ART'S SUPER SERV STATION
1825 Webster(A).....LAKhrst 1-0277

Art's Texaco Service
840 Ashby Av(B).....THrwl 1-7047

Autoland Oil Co 1436-14th Av.....Alnover 1-4118

Ash's Richfield Service
4301 Piedmont Av. OLYmnc 3-4109

BETTS KEN CHEVRON SERVICE

DOWNTOWN OAKLAND

BRAKES & TUNE-UP

ROADSIDE SERVICE

PICK-UP & DELIVERY

AUTO SERVICE & REPAIRS

Corner of
14th & Jackson.....TWInks 3-4163

Butler Dean Chevron Service
San Pablo Av & Gilmard.....LAnscpe 6-9946

Byron's & Richard Richfield Service
400 Colusa Av(W).....LAnscpe 6-9946

C & D Service
15199 Washington Av(S).....LCKchn 8-9764

C & W Shell Service 1334 Market, Fremont

Calandri Ray Service
2425 Central Av(A).....LAnscpe 6-9946

Caisteron-Pioneer Super Service
2001-26th Av.....KElog 2-9823

Campus Garage
Berkeley Wy & Oxford.....THrwl 1-3265

Cantin Bros Shell Service
15105 Hesperian Blvd.....BRown 6-1955

Cappy's Chevron Service
14590 E 14th(S).....LCKchn 8-9764

IN EAST OAKLAND

FRANK MCKEE CHEVRON SERVICE

Free Pick-Up & Delivery
OPEN 7 DAYS A WEEK

ATLAS TIRES & BATTERIES
COMPLETE AUTO CARE
BLUE CHIP STAMPS

CALL
NEptune 2-3912

6250 MOUNTAIN BLVD.

ASHTON DON FLYING A SERVICE
IN BERKELEY

We Pick-Up & Deliver
We Give S & H Green Stamps

Hearst Av & Orford.....THrwl 5-9569

Associated C P L Service
5330-Jd S-F.....VAIencia 4-8802

Associated Service 3009 Ashby Av(W). THrwl 5-9353

Auto Service Center
1797 Shattuck Av(W).....THrwl 5-9168

Avilla Jas Texaco Service Station
806 E 14th(S). NEptn 8-9848

B & E SERVICE STN
Gen'l Auto Repairing-Pick-Up & Del
6200 Mountain Bl.....LCKchn 8-9915

B & J Signal Service Station
1130 Davis(S). NEptn 8-9810

Bam's Super Service
2748 San Pablo Av(W). THrwl 5-9623

Bartosh Texaco Service Stn
We Give S & H Green Stamps
2955 Peralta.....TWInks 3-6777

Bewall Geo Richfield Service
6445 E 14th. NEptn 2-8976

Bianchi's Chevron Stn
1451 Leimert Bl. KElog 2-9801

BIG THREE UNION SERVICE
Grand Av & Mariposa Bl.....TEmpir 2-9605

Bill & Bill's Union Service
14794 Washington Av(S). ELgn 1-8131

Bill Chun Richfield Service
Santa Clara Av & Oak(A).....LAKhrst 3-9862

Bill Davis Richfield Service
2575 Grove.....TEmpir 2-6434

Bill-Davis Wilshire Service
1901 Webster(A). LAKhrst 2-9901

Bill & Don's Service
10049 San Pablo Av(E). LAnscpe 6-7461

Bill Helms Union Service
999 MacArthur Bl(S).....NEptn 8-5275

(See Advertisement This Page)

Bill Reed's Richfield Service
4301 San Pablo Av(W). OLYmnc 3-7314

Bill Vezey's Flying A Service
1901 Park Bl. HIgate 4-9337

Bill's Flying A Service 4035 Park Bl. ANgor 1-4598

BILL'S RICHFIELD SERVICE
800 Franklin.....HIgate 4-5632

Bill's Richfield Service
1400 Shattuck Pl(W). LAnscpe 4-0411

Blinn-Texaco Service Stn
773-105th Av. NEptn 8-8635

Black Fred Richfield Service
4000 Howe.....OLympc 4-6116

Blair Burl Shell Service 630-High.....KElog 2-9590

BLETCHER C E CHEVRON STN
7th & Broadway Downtown
WE NEVER CLOSE
WASHING - LUBRICATION - TUNE-UPS
7th & Broadway.....HIgate 4-9515

CAP'S SERVICE

CHEVRON PRODUCTS
Where Service Is a Business
Not a Side Line

1601 Washington Av(S).....LCKchn 8-9764

Carey Chas J. 570-16th.....TWInks 3-6644

BILL'S UNION SERVICE

AMERICAN & FOREIGN CARS

COMPLETE SERVICE
PARTS & ACCESSORIES.

MICHELIN - U.S. ROYAL
TIRES AND RECAPS

CALL
NEptune 8-5273

Corner of
Dutton & MacArthur
San Leandro

BATES CHEVRON SERVICE
LYLE BATES
ALAMEDA

STANDARD OIL PRODUCTS
PAT MURPHY'S
ECONOMICAL ELECTRONIC TUNE-UP
WITH ALLEN ANALYZING EQUIPMENT
ROAD SERVICE
BLUE CHIP STAMPS

Park & San Jose Av(A).....LAKhrst 2-9969

Bob & Al's Richfield Service
4301 San Leandro. KElog 2-9582

BOB CHUBB'S UNION SERVICE
OPEN 7 DAYS A WEEK
& AM-TILL MIDNIGHT
PICK-UP & DELIVERY SERVICE

6100 San Pablo Av.....OLympc 4-9781

CARL'S FLYING A SERVICE
CENTER OF ALAMEDA

TAIL PIPE & MUFFLER SERVICE
RECAPPING - S & H GREEN STAMP
Central Av & Sherman(A).....LAKhrst 2-9969

Carl's Union Service Stn
8809 MacArthur Bl.....NEptn 8-5275

Carlton's Shell Service
1191 Manor Blvd. ELgn 1-8131

Carpenter's Shell Service
14210 E 14th(S).....LCKchn 8-9764

Carrabell's Shell Service
1805 Washington Av(S). NEptn 2-8976

Case's Chevron Stn 2900 E 14th.....KElog 2-9823

(See Advertisement Page 707)

Castro Joe Shell Service
801 W MacArthur Bl. OLYmnc 4-9315

Cecil Monrhouse Flying A Service
10511 MacArthur Bl.....LCKchn 8-9764

Center Automotive Service & Parts
324-8th. TEmpir 2-9605

Cesar & Bob's Shell Service Stn
4411 Foothill Bl. KElog 2-9801

Chacon's Tony Richfield Service
2701 Foothill Bl.....KElog 2-9801

Charter Oil Co 7929 San Leandro.....LCKchn 8-9764

CHASE & CHASE CHEVRON STATION
1480 Shattuck Av(W). THrwl 1-3265

PERRY'S

FLYING A SERVICE

BRAKES - TUNE-UPS
MUFFLERS & TAILPIPES
TIRES & BATTERIES

WE GIVE BLUE CHIP STAMPS
Free Pick-Up & Delivery

Lockhaven 8-9574

800 MacARTHUR BLVD.
SAN LEANDRO

BAXTER'S SERVICE STATION
Grand & Bellevue.....HIgate 4-9593

Bay Street Texaco Service
1127 Lincoln Av(A).....LAKhrst 2-2822

Beacon Service Stn No 379
14798 Washington Av(S).....ELgn 1-6674

Beacon Service Stn No 382
401 E 14th(S).....NEptn 2-9892

Beacon Service Stn No 384
2000 Ashby Av(B).....THrwl 1-3636

Bell Gene Service Stn
1001 San Pablo Av(W).....LAnscpe 6-9901

Beller's Signal Stn 1801 Park(A).....LAKhrst 2-9537

Belles Lynn Chevron
W MacArthur Bl & Market.....OLympc 5-7155

Ben Vitale Shell Service
10602 San Pablo Av(E). LAnscpe 5-9827

Bennett's Service Station
2844 San Pablo Av.....HIgate 4-2762

Ben's Signal Service 580-105th Av.....LCKchn 8-9618

Bob & Emmett's Wilshire Service
7823 MacArthur Bl. LCKchn 8-9730

Bob Herskind's Flying A Service
LaSalle Av & Moraga Av. OLYmnc 4-9520

BOB HUTCHISON'S CHEVRON STN
DOWNTOWN OAKLAND
EXPERT MECH. & LUBE WORK
CHEVRON CREDIT CARDS ACCEPTED

1633 Harrison.....TEmpir 2-1914

CHEVRON GAS STATIONS—

BATES CHEVRON SERVICE
Park & San Jose Av(A).....LAKhrst 2-9969

BELLES LYNN CHEVRON
Tuneup-Brakes-Pickup-Blue Chip
W MacArthur Bl & Market.....OLympc 5-7155

BETTS KEN CHEVRON SERVICE
14th & Jackson.....TWInks 3-4163

BIANCHI'S CHEVRON STN
Oakmore District-Pick-Up & Delivery
Complete Car Care
1451 Leimert Bl.....KElog 2-9801

BLETCHER C E CHEVRON STN
7th & Broadway Downtown

BOB HUTCHISON'S CHEVRON STN
1633 Harrison.....TEmpir 2-1914

BOB'S CHEVRON SERVICE STN
1st Av & Pacific(S).....LAnscpe 6-9946

BUTLER DEAN CHEVRON SERVICE
San Pablo Av & Gilmard.....LAnscpe 6-9946

CAPPY'S CHEVRON SERVICE
14590 E 14th(S).....LCKchn 8-9764

BEN'S TEXACO

MARFAK CHART LUBRICATION

COMPLETE AUTO REPAIRS
Goodrich Tires - Batteries - Acces.
FREE PICK-UP & DELIVERY SERVICE
BLUE CHIP STAMPS ON MDSE
EMERGENCY ROAD SERVICE
"The Difference Is Our Service"

14799 Washington Av(S).....ELgn 7-6250

Bob's Aviation Service Stn
1125 Grove.....HIgate 4-9867

Bob's Chevron Service Stn
1st Av & Pacific(S).....ELgn 1-9839

Bob's Flying A Service Stn
1522 Park(A). LAKhrst 3-8234

Bob's Richfield Service
6501 San Pablo Av.....OLympc 3-9520

Bob's Shell Service 1230-14th.....GLncrt 2-3480

Bob's Signal Service 8242 E 14th.....NEptn 2-9976

Bob's Super Service No 1
845 Central Av(A).....LAKhrst 2-9777

Bob's Super Service No 2
2375 Shoreline Dr(A).....LAKhrst 2-9527

Bob's Texaco Service
2590 Telegraph Av(B). THrwl 5-9589

CAP'S SERVICE
1601 Washington Av(S). LCKchn 8-9764

CASE'S CHEVRON STN
2900 E 14th.....KElog 2-9823

CHASE & CHASE CHEVRON STATION
1480 Shattuck Av(W). THrwl 1-3265

COLLEGE CHEVRON SERVICE
5491 Collier Av.....VIOlano 2-9901

CORKY JOHNSON'S CHEVRON STN
3900 Piedmont Av. OLYmnc 4-9315

Berkeley Brake & Alignment Service
1650 Shattuck Av(W). THrwl 3-5770

Berkeley Hancock Service
Shattuck Av & Hearst Av(W).....THrwl 1-7898

BERTS SERVICE STN
Motor Tune-Up-Tires Batteries
1357 High(A).....LAKhrst 3-3022

Bolin Jim Saper Serv Station
6335 San Pablo Av. OLYmnc 3-3221

Borel Tire Service
6400 San Pablo Av.....OLympc 2-0333

Botto Bros 5101 Telegraph Av.....OLympc 2-4655

BOWLES BOB SERVICE
12156 San Pablo Av Richmond.....BEacn 4-9554

Boyd's Flying A Service
2498 San Pablo Av(W). THrwl 8-3314

Brenner Henry & Vernon
3820 San Leandro.....KElog 3-7062

Brenner Sydney 701 E 14th.....TEmpir 2-9376

Bridges Vernon Shell Service
Claremont Av & Russell(W).....THrwl 5-9001

BRIDGEWAY SERVICE
901 W MacArthur Bl. OLYmnc 8-4971

DE LONG'S CHEVRON SERV
High & Fernside Bl(A). LAnscpe 6-9946

DICK SILVA'S CHEVRON SERVICE
2600 Park Bl. TEmpir 2-9605

DON STEWART CHEVRON SERVICE
San Pablo Av & 405.....LAnscpe 6-9946

DON'S CHEVRON SERVICE
369 Grand Av.....OLympc 4-9315

EARL JOHN CHEVRON SERVICE
Portland Av & San Pablo Av.....LCKchn 8-9764

ED FLETCHER'S CHEVRON SERVICE
Tune-Up Brake Service
4100 San Pablo Av(W).....LAnscpe 6-9946

FREEMAN & ROWE CHEVRON SERV
Official Brake Station 4294.....LCKchn 8-9764

Tune-Up-Pickup & Delivery
4900 Calaveras Av.....LAnscpe 6-9946

GENE MILLER CHEVRON
1285 East Shore Hwy(B).....LCKchn 8-9764

When in doubt about a telephone number, please look in the telephone directory first. That helps you, helps others, and helps telephone people to do a better job for you.

Brown Jack Flying A Service
3129-14th Av. KElog 2-9286

Brown's Richfield Service
901 E 14th(S). NEptn 8-7432

Buchanan's Shell Service
3775 Brookdale Av. KElog 3-2838

Bud Rhines Shell
7524 Fairmount Av(E).....LAnscpe 4-5733

Burnham's Flying A Service Stn
497 E 14th(S).....LCKchn 8-9764

ED FLETCHER'S CHEVRON SERVICE
Tune-Up Brake Service
4100 San Pablo Av(W).....LAnscpe 6-9946

FREEMAN & ROWE CHEVRON SERV
Official Brake Station 4294.....LCKchn 8-9764

Tune-Up-Pickup & Delivery
4900 Calaveras Av.....LAnscpe 6-9946

GENE MILLER CHEVRON
1285 East Shore Hwy(B).....LCKchn 8-9764

Do you keep a list of telephone numbers you require? It pays to have that

818 Service

IN ALAMEDA

ATLAS TIRES - BATTERIES & ACCESSORIES

WAYNE WEBER

CHEVRON STATION

COMPLETE SERVICE
MOTOR TUNE-UP
BRAKE SERVICE
STARTERS - GENERATORS
MUFFLERS - TAIL PIPES
SHOCK ABSORBERS

FREE PICKUP & DELIVERY

CALL 2440 CENTRAL AVE. ALAMEDA
522-9718

ALAMEDA

FORD KITCHEL

Chevron Service

Motor Tune-Up - Brakes
Wheel Aligning & Balancing
Lubrication - Mufflers
Atlas Tires & Batteries

522-9793

1301 CENTRAL AVE. ALAMEDA

IN ALAMEDA

HOAGY'S CHEVRON SERVICE

CHEVRON

PARK & SAN JOSE AVE.

AUTO REPAIRING

Complete Automotive Service
TUNE-UPS - LUBES
TIRES - BATTERIES - ACCESSORIES
RADIATOR & BRAKE SERVICE
PICK-UP & DELIVERY

CALL **522-9805**

1200 PARK ST. ALAMEDA

EAST ALAMEDA

When it comes to your car . . .

FLYING A SERVICE

Ooook, da we worry!

EVERETT STREET SERVICE STATION

Web & Les - Same Corner Since 1937
TIDEWATER FLYING A DEALER

Brake and Tune-Ups-Official Installation & Inspection Station for Smog Control Units
NEW & USED TIRES RECAPPING
Emergency Road Service • Pick-Up & Delivery
Alameda Merchant Stamps

2501 Santa Clara Ave. Alameda **522-4644**

Service Stations-Gasoline & Oil-

(Cont'd)

BILLINGS TEXACO

SERVING DOWNTOWN OAKLAND
BRAKE SERVICE - TUNE-UPS
EMERGENCY ROAD SERVICE

Tirph Av & Grand Av-----832-4000

Bill's Richfield Serv 4301 Sn Leandro-----532-9809
Black Fred Richfield Service
3414 Tirph Av-----654-6116
Blueette's Signal Service Stn
8242 E 14th-----569-4840
Bob Bebee's Shell Serv Stn
Piedmont and MacArthur Bl-----654-6955
Bob Herskind's Flying A Serv
LaSalle Av & Moraga Av-----339-9920
Bob Hutchison's Chevron Service
1633 Harrison-----832-1914
BOB SCROGGIN'S CHEVRON SERVICE
STATION Marina Bl & Pacific(SL)-----351-9839
BOB WRIGHT'S FLYING A SERVICE
Alcatraz Av & College Av(B)-----655-1660
Bob's Chevron Service 1920 Grove(B)-----845-9067
(Please See Advertisement Page 817)

Bob's Mohawk Serv
15526 Hesperian Bl Sr Lornzo-----276-2463
BOB'S RICHFIELD SERVICE
6001 MacArthur Bl-----562-8826
Bob's Signal Service
14856 Washington Av(SL)-----357-5347
Bob's Super Serv 2516 Clemm Av(A)-----522-9527
BOB'S UNION SERVICE
14999 Farnsworth Av(SL)-----351-9939
Borello's Automotive Service 175-41st-----628-6464
Boyd's Flying A Service
2498 Sn Pablo Av(B)-----848-3314
Brenner Sydney 701 E 14th-----832-9376
Brenner's Service 3820 San Leandro-----532-9813
BRIDGEDALE BOB CHEVRON STN
5775 Broadway-----654-9431
Bridges Vernon Shell Service
Claremont Av & Russell(B)-----245-9001
Bridgeway Serv 901 W MacArthur Bl-----628-4971

BROADWAY SHELL SERV

24-HOUR SERVICE TOWING

ALLSTATE MOTOR CLUB
EMERGENCY ROAD SERVICE
COMPLETE AUTO REPRG
WE GIVE BLUE CHIP STAMPS

Opposite Oak Tech High
4496 Broadway-----655-3433

Brown Jack Flying A Service
2200 Otis Dr(A)-----522-9681
Brown's Richfield Service
301 E 14th(SL)-----638-7432
Brown's Signal Service 6710 Bancroft Av-638-9985
Brown's Union Service 1158-14th-----452-0473
Buchanan's Shell Service
3775 Brookdale Av-----533-2838
BUD'S SIGNAL SERV
Auto Repr-We Specialize in VW's
8201 MacArthur Bl-----568-8641

BURKE SHELL SERVICE

DOOLITTLE & WILLIAMS

Sears Road Service

BRAKE WORK - WHEEL ALIGNMENT
ENGINE TUNE-UP
FREE PICK-UP & DELIVERY

1805 Doolittle Dr(SL)-----351-9731

Shop in the Yellow Pages

CHET'S SHELL SERVICE

Emergency Road Service
6 A.M. To Midnight - 7 Days

CALL **835-3115**

★ TUNE-UP SPECIALISTS
★ BRAKES - MUFFLERS - SHOCKS
★ WHEEL ALIGN & BALANCE
"ALL MINOR REPAIRS"
★ NIGHT LUBE - WASH - POLISH
- FLEET MAINTENANCE -
BLUE CHIP STAMPS

2070 SAN PABLO AVE.
(AT GROVE STREET)

Burke Shell Service
1805 Doolittle Dr(SL)-----351-9731
Or-----483-2696

Burnham's Flying A Service Stn
497 E 14th(SL)-----569-0401
Burton's Signal Service 1038-16th-----444-9306

BUTLER DEAN CHEVRON SERVICE
San Pablo Av & Gilman(B)-----524-0118
(Please See Advertisement Page 817)

Byron's Richfield
10392 Sn Pablo Av (EC)-----524-8792

C & D SERVICE

IN SAN LEANDRO

SMOG CONTROL DEVICES

OFFICIAL BRAKE & LIGHT STATION

Alignment & Balancing
24-HOUR TOWING

15199 Washington Av(SL)-----351-8640

C J MOTORS FLYING A SERVICE
Specializing in Foreign Car Service
2600 Telegraph Av (B)-----843-0556

Caesar's Union 76 Service
411 W MacArthur Bl-----654-2778

Calderon Ed's Richfield Service
2701 Foothill Bl-----533-1340

Calif Bay Area Service Stns Inc
370 Grand Av-----451-0201

Californian Roy Stocking's Flying A Service
1900 Oxford(B)-----849-1692

CALLERI & ROTHMAN TIRE & OIL CO
See Adv under Tire Dis & Distrib
350 MacArthur Bl(SL)-----568-4337

Carl's Flying A Serv
15201 Washngtn Av(SL)-----351-9724

CAMARA F ENCO PRODUCTS SERVICE

STATIONS same as Humble Oil & Refining Company

EAST OAK - SAN LEANDRO

FRANK CAMARA - OWNER
COMPLETE BRAKE SERVICE
TUNE-UPS - MUFFLER SERVICE
NIGHT LUBRICATIONS
ATLAS TIRES AND ACCESSORIES
BANKAMERICARD ACCEPTED
MECHANIC ON DUTY
BLUE CHIP STAMPS GIVEN
FREE PICK-UP & DELIVERY

10106 E 14th-----562-4216

Campbell Jim Chevron Stn
4400 Piedmont Av-----653-7282

Campus Texaco 1899 Oxford(B)-----848-9622

Cantin Bros Shell Service
15105 Hesperian Bl(SL)-----276-9746

Cappy's Chevron Service
14500 E 14th(SL)-----357-5881

Carey Chas J 570-16th-----893-2298

CARL'S SHELL SERVICE
8930 Bancroft Av-----632-0700

Carlton's Shell Service
1391 Manor Bl(SL)-----351-2227

CENTRAL MOTOR TERMINAL
1107-5th-----832-4907

Charter Oil Co 3372 Kiwanis-----532-6160

CHET'S SHELL SERV
2070 Sn Pablo Av-----835-3115
(Please See Advertisement This Page)

CHEVRON GAS STATIONS-

ALAMEDA

BATES CHEVRON SERVICE
900 Otis Dr(A)-----522-9969

DE LONG'S CHEVRON SERV
High & Fernside Bl(A)-----322-9968

HOAGY'S CHEVRON SERVICE
1200 Park(A)-----522-9805

HUSTON BOB CHEVRON SERVICE
In South Shore Center
2340 Otis Dr(A)-----522-9555

KITCHEL FORD CHEVRON SERV STN
1301 Central Av(A)-----522-9793

WAYNE WEBER CHEVRON STATION
2440 Central Av(A)-----522-9718

ALBANY

LOU'S CHEVRON SERVICE
701 Sn Pablo Av(A)-----525-2111

MANER'S CLIFFORD SERVICE STN
1160 Solano Av(A)-----524-5040

(Continued Next Column)

BRIGHT MEALS FOR A SICK CHILD

Serve small portions in colorful paper muffin cups set inside muffin tins. Small glass fits in tin, too.

CHEVRON GAS STATIONS-(Cont'd)

BERKELEY

BOB'S CHEVRON SERVICE
1920 Grove(B)-----

BUTLER DEAN CHEVRON SERVICE
Free Pick-up & Delivery Service
San Pablo Av & Gilman(B)-----

DAVID AL CHEVRON STN
1480 Shattuck Av(B)-----

DEVINE MIKE CHEVRON STN
Car Drwgts Wy-Drakes-Tune-Up
2500 Grove(B)-----

DUBNO CHEVRON 1698 Univ Av(B)-----

GENE MILLER CHEVRON
1285 East Shore Hwy(B)-----

HENNIS DALE CHEVRON STN
2601 Telegraph Av(B)-----

MACY ROD CHEVRON SERVICE
1161 The Alameda(B)-----

MOORE JOE CHEVRON DEALER
We Rent Tire Chains
College Av & Webster(B)-----

SEIDEL LARRY CHEVRON SERV
Free Pick Up & Delivery
400 Colusa Av Kerman(B)-----

STAUDER BILL CHEVRON SERVICE
Grove & Adeline(B)-----

EL CERRITO

PRYDE'S CHEVRON SERVICE
10192 San Pablo Av(EC)-----

RUDY PEREZ CHEVRON SERVICE
10101 Sn Pablo Av(EC)-----

RUDY PEREZ CHEVRON SERV
10905 Sn Pablo Av(EC)-----

SILVER JOHN CHEVRON SERV
10770 Sn Pablo Av(EC)-----

OAKLAND-DOWNTOW

BETTS KEN CHEVRON SERV
Open 24 Hours-Towing Service
7th & Bdwy-----

BOB HUTCHISON'S CHEVRON SERV
1633 Harrison-----

KAISER CENTER GARAGE
Kaiser Center-----

OAKLAND-EAST

ELMER PIERCE CHEVRON SERVICE
5490 E 14th-----

GREGG DEL CHEVRON SERVICE
Next to Holiday Inn-Hegenberger Rd
8450 Edes Av-----

HALL TED CHEVRON SERVICE
11880 Skyline Bl-----

LEE LARRY CHEVRON SERVICE
4265 Foothill Bl-----

MADLER JOHN CHEVRON SERVICE
2145-35th Av-----

MARSHALL'S CHEVRON SERVICE
7617 San Leandro-----

MARSHALL'S JAMES CHEVRON SERV
MacArthur Bl & Diamond Av-----

MORITENSEN P A CHEVRON SERV
7418 MacArthur Bl-----

OGGIE'S CHEVRON SERVICE
Pick-Up & Delivery-S & H Stamps
10900 MacArthur Bl-----

PENDELTON CON CHEVRON SERVICE
9001 MacArthur Bl-----

PIKE HENRY CHEVRON STATION
2106 E 12th-----

RICHMOND GEO CHEV AUTO SERV
Brake Service & Tune Ups
Mufflers-Wheel Balancing
6548 Foothill Bl-----

TOM COVINGTON'S CHEVRON SERV
4600 Grass Vly Rd-----

OAKLAND-GRAND

JOHN HAYES CHEVRON SERVICE
Lake Merritt Shopping Center
265 E 18th-----

WEEKS FRED CHEVRON SERV
4001 Grand Av-----

OAKLAND-MONTCLA

BIANCHI'S CHEVRON STN
Pick-Up & Delivery
Complete Car Care
3530 MacArthur Bl-----

DOMES IRVING CHEVRON SERVICE
1451 Leim St-----

OAKLAND-NORTH

BELLES LYNN CHEVRON
Tuneup-Brakes-Pickup-Blue Chip
W MacArthur Bl & Market-----

BRIDGEDALE BOB CHEVRON STN
5775 Broadway-----

CAMPBELL JIM CHEVRON STN
4400 Piedmont Av-----

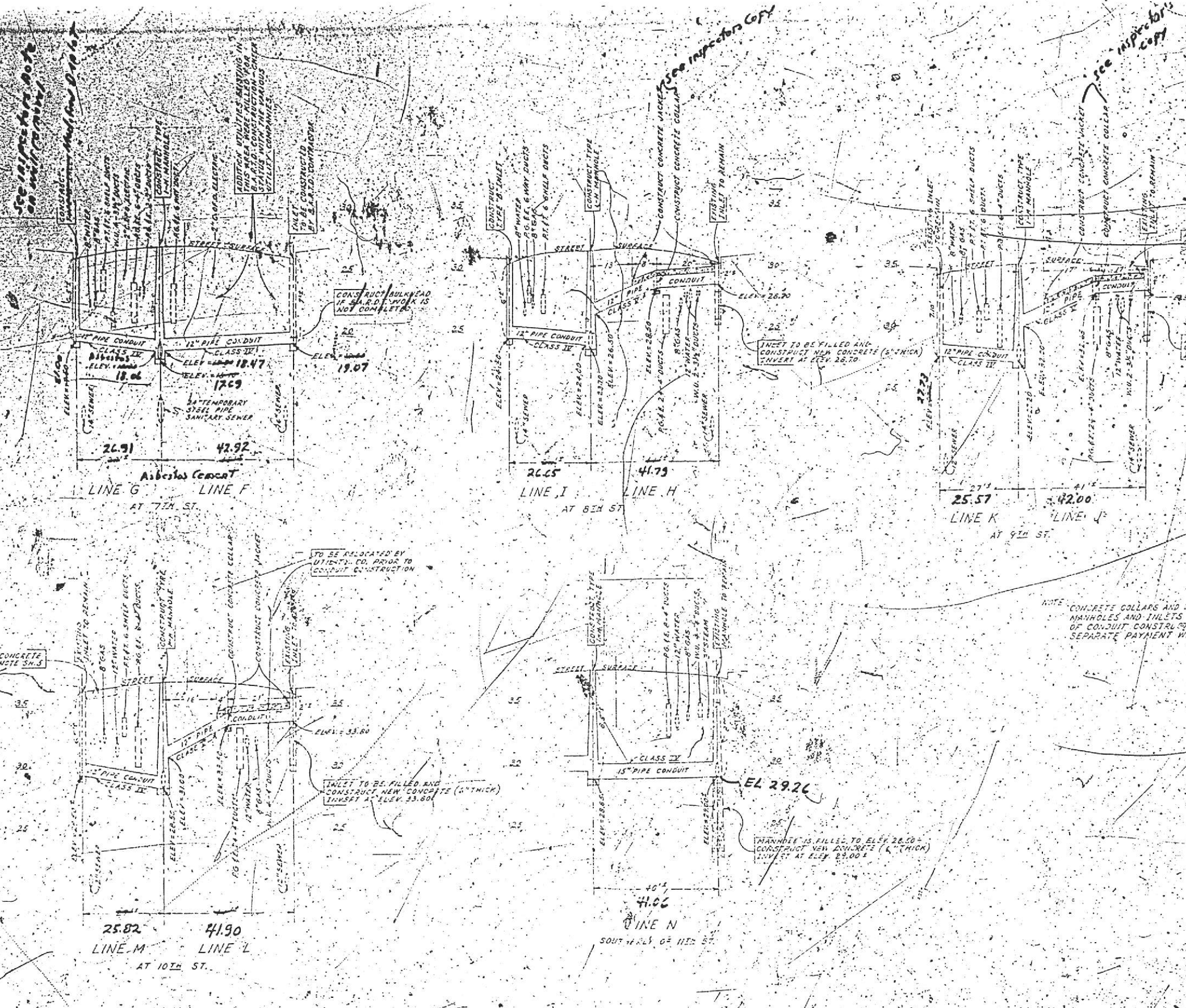
CLARY BRUCE CHEVRON SERVICE
4135 Telegraph Av-----

FLETCHER ED CHEVRON
Motor Tune Ups-Brake Service
Free Pickup & Delivery
4330 Broadway-----

JOHNSON CORKY CHEVRON STN
3900 Piedmont Av-----

(Continued Next Page)

Advertise here-it pay



PROFILES ON CENTERLINE OF PIPE CONDUITS

APPROVED BY <i>Walter C. Fildes</i> ASST. CITY ENGINEER	PLANNING AND DESIGN ENGINEER <i>W. L. Ladd</i>	CONSTRUCTION ENGINEER <i>H. W. Montgomery</i>	DESIGNED BY <i>J. J. Conlon</i>	REFERENCE SEE S. 218	CITY OF OAKLAND STREET AND ENGINEERING DEPT.	PROJECT No. C-928	SCALE: HORIZ. 1" = 20' VERT. 1" = 5'
	SENIOR ENGINEER <i>T. J. ...</i>	FIELD ENGINEER <i>J. M. Hilliard</i>	CHECKED BY <i>C. J. ...</i>				DATE: 9-19-69
IN CHARGE <i>H. W. Montgomery</i>				ACCTO No. 25670	SHEET No. 17 of 19		

CONDUIT D. COLLIER, L.M.N.S.

see inspection note on utility drawing

see inspection copy

see inspection copy

NOTE: CONCRETE COLLARS AND THE FILING OF MANHOLES AND INLETS SHALL BE PART OF CONDUIT CONSTRUCTION AND NO SEPARATE PAYMENT WILL BE MADE.

TO BE RELOCATED BY UTILITIES CO. PRIOR TO CONDUIT CONSTRUCTION

INLET TO BE FILLED AND CONSTRUCT NEW CONCRETE (6" THICK) INVERT AT ELEV. 33.80

MANHOLE IS FILLED TO ELEV. 28.50 - CONSTRUCT NEW CONCRETE (6" THICK) INVERT AT ELEV. 29.00

INLET TO BE FILLED AND CONSTRUCT NEW CONCRETE (6" THICK) INVERT AT ELEV. 32.80

NOTE: ROADWAY IS TYPE B PAVEMENT REPLACEMENT

CONSTRUCT BULKHEAD IF S.A.R.D. WORK IS NOT COMPLETE

INLET TO BE FILLED AND CONSTRUCT NEW CONCRETE (6" THICK) INVERT AT ELEV. 26.20

REINFORCED CONCRETE SUPPORT SEE NOTE SH. 5

CONSTRUCT TYPE B INLET

CONSTRUCT TYPE B INLET

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PROFILE ON CENTERLINE OF PIPE CONDUIT

APPROVED BY	PLANNING AND DESIGN ENGINEER	CONSTRUCTION ENGINEER	DESIGNED BY	REFERENCE	CITY OF OAKLAND	PROJECT NO.
	<i>W. H. ...</i>	<i>H. W. ...</i>	<i>J. C. ...</i>	554-218	STREET AND ENGINEERING DEPT.	C-1928
	UNDERGROUND SPECIALIST	FIELD ENGINEER	CHECKED BY			
			<i>O. J. ...</i>			

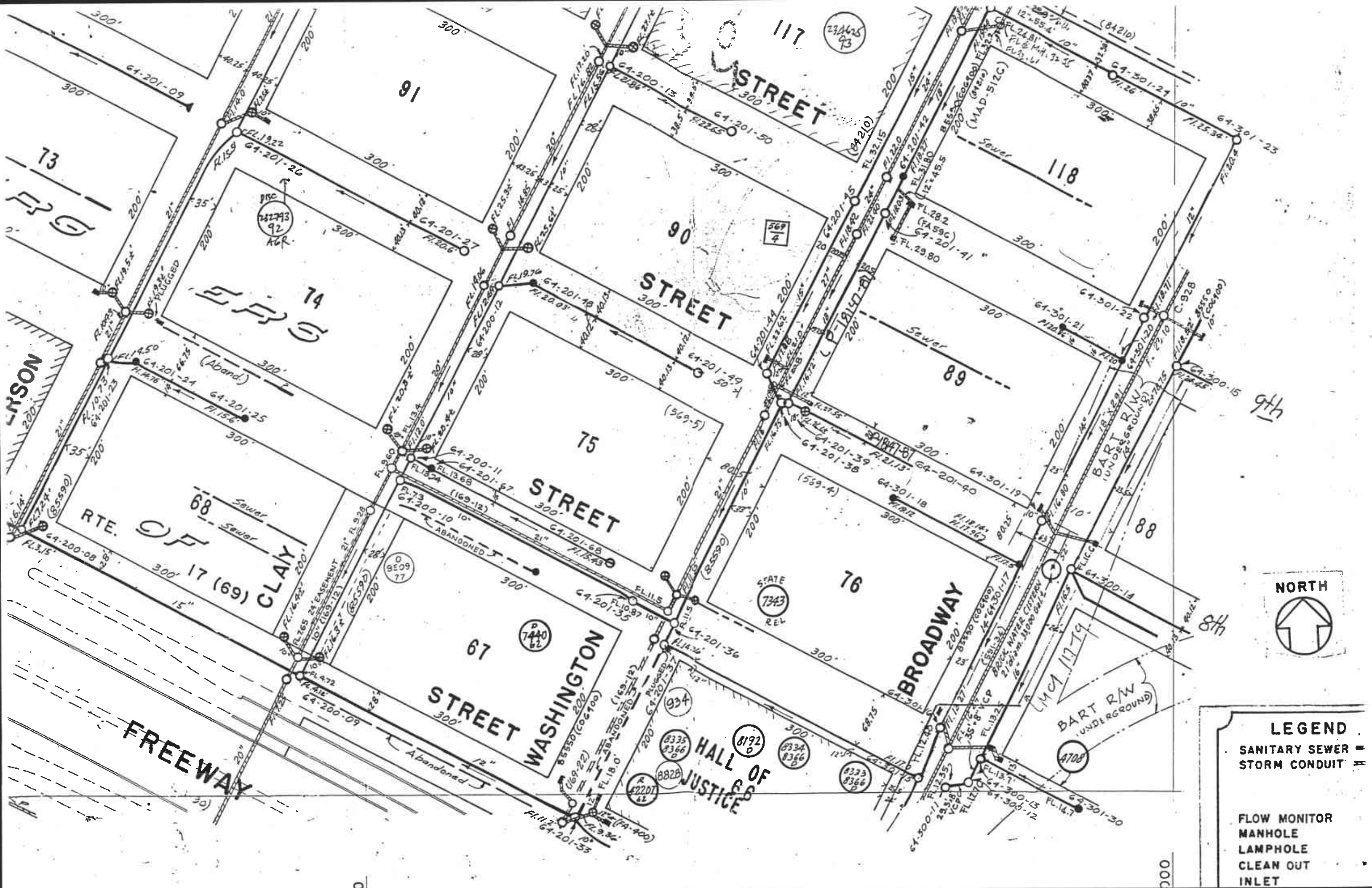


PROFILE ON CENTERLINE OF PIPE CONDUIT

APPROVED BY <i>[Signature]</i>	PLANNING AND DESIGN ENGINEER <i>[Signature]</i>	CONSTRUCTION ENGINEER <i>[Signature]</i>	DESIGNED BY J. CONLEY	CHECKED BY O. [Signature]	IN CHARGE [Signature]	REFERENCE SESS 818
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CITY OF OAKLAND
STREET AND ENGINEERING DEPT.

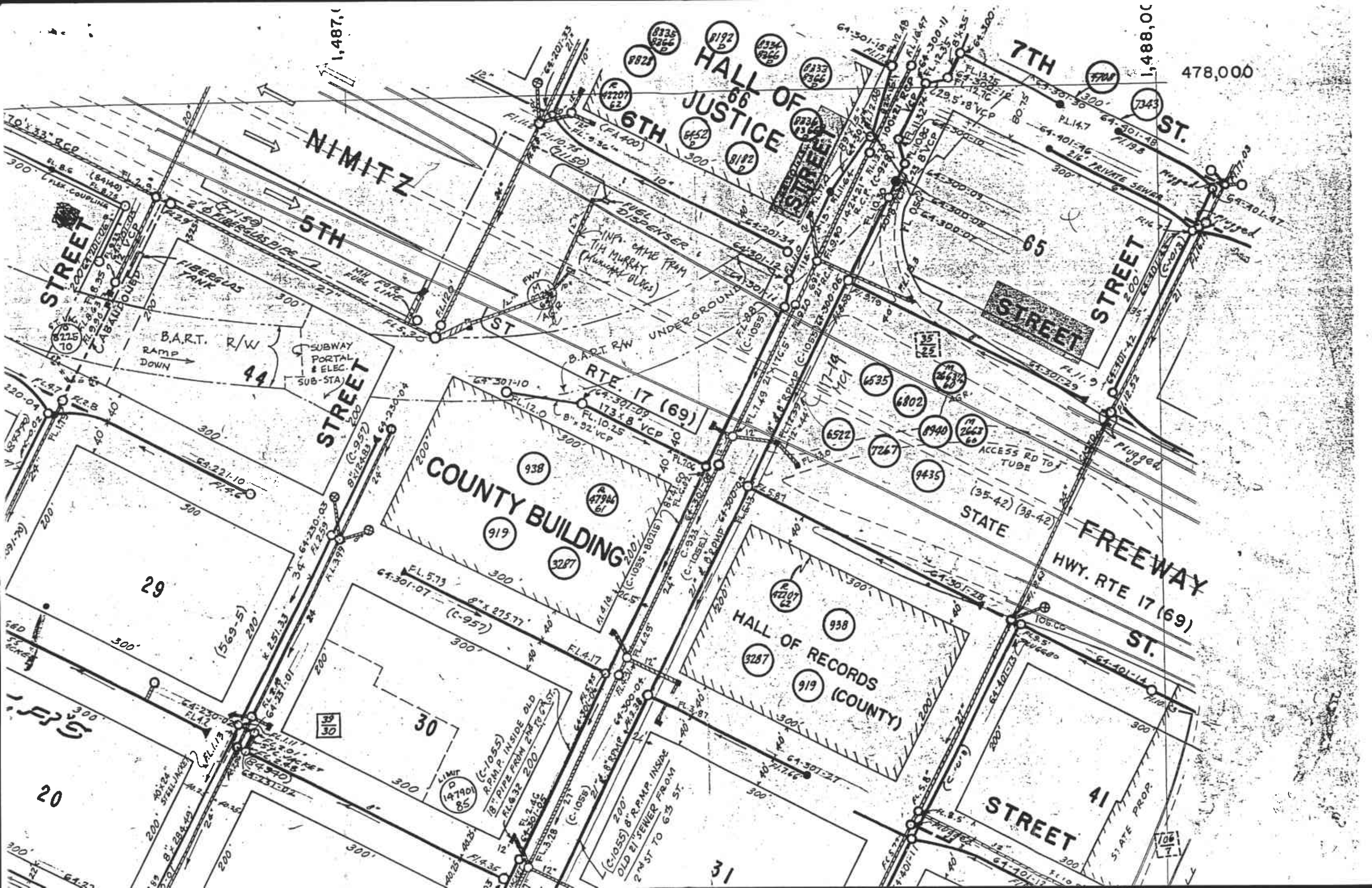
PROJECT NO. 928



LEGEND

SANITARY SEWER = [solid line with dashes]
 STORM CONDUIT = [dashed line]

FLOW MONITOR = [circle with 'F']
 MANHOLE = [circle with 'M']
 LAMPHOLE = [circle with 'L']
 CLEAN OUT = [circle with 'C']
 INLET = [circle with 'I']



1,487.

478,000

1,488.00

NIMITZ

5TH

HALL OF JUSTICE

7TH

ST.

STREET

STREET

STREET

STREET

RTE. 17 (69)

COUNTY BUILDING

HALL OF RECORDS (COUNTY)

FREEWAY HWY. RTE 17 (69) ST.

STREET

41

20

29

30

31

44

6535

6802

8940

M 2663

7267

9435

938

R 4794

919

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R 4207

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