



Tait & Associates, Inc.

1001 Galaxy Way, Suite 304, Concord, CA 94520

FAX TRANSMITTAL

Date: 11-13-98

Number of pages including cover sheet: 3

To: DICK MATHEWS
TOSCO

Re: Q-STOP MKT
HARRISON & MCARTHUR

cc: OAKLAND
TINA BERRY

Phone: 277-2410

Fax phone: 277-2301

From: TOM SCHOENSTEIN
AS REQUESTED BY
BARBARA BEA

Tait Job No.: SP 3909

Phone: (925) 680-6800

Fax phone: (925) 680-7878

REMARKS: Urgent For your review Reply ASAP Please comment

SEE ATTACHED 1"=20' SITE PLAN

RECEIVED

1:20 pm, Apr 13, 2009

Alameda County
Environmental Health

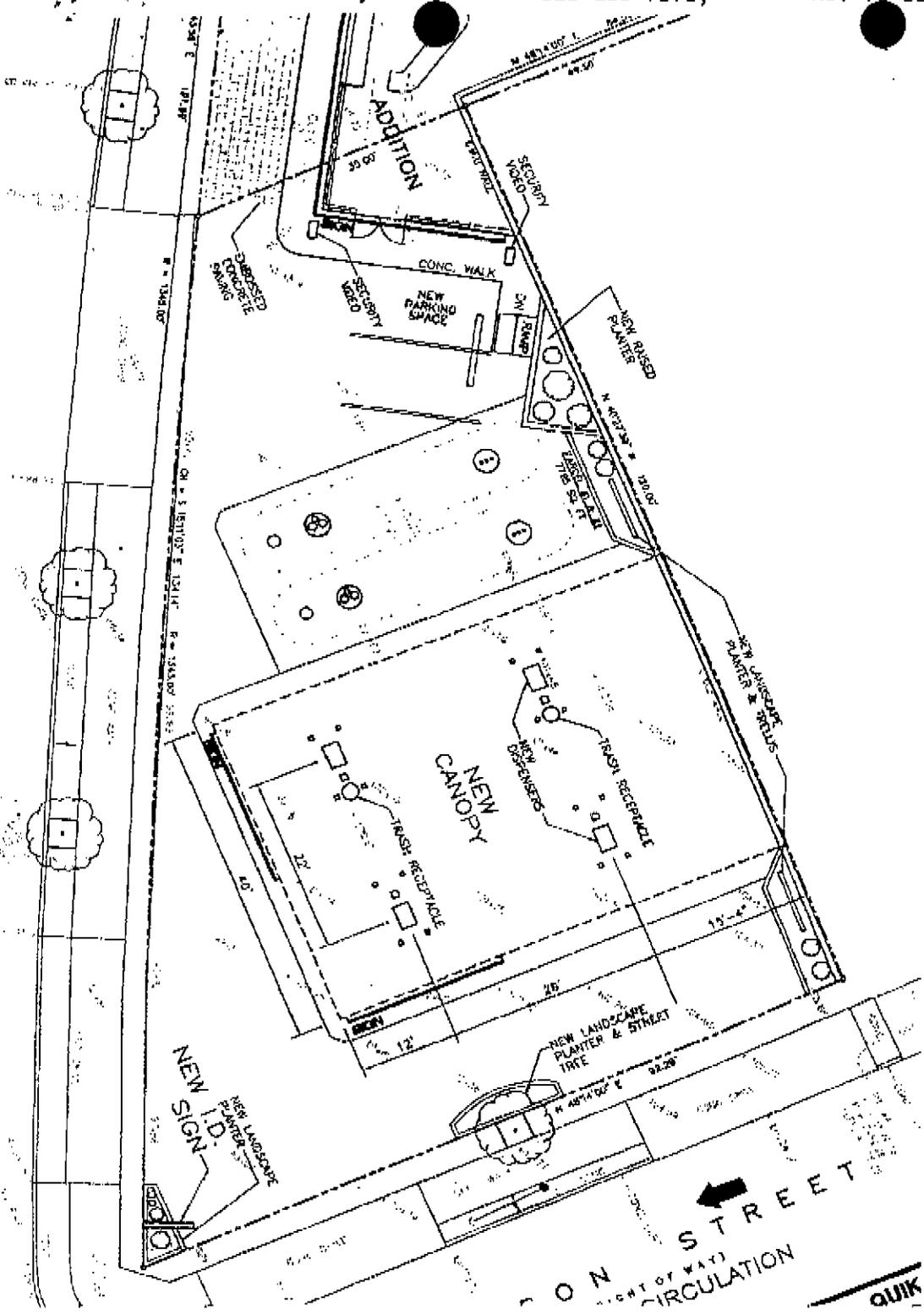
Original will follow via: Mail _____ FedEx _____ Other _____

Original will not follow: X

If you have problems reading this transmission or do not receive all of the pages, please call as soon as possible at (925) 680-6800. Thank you!

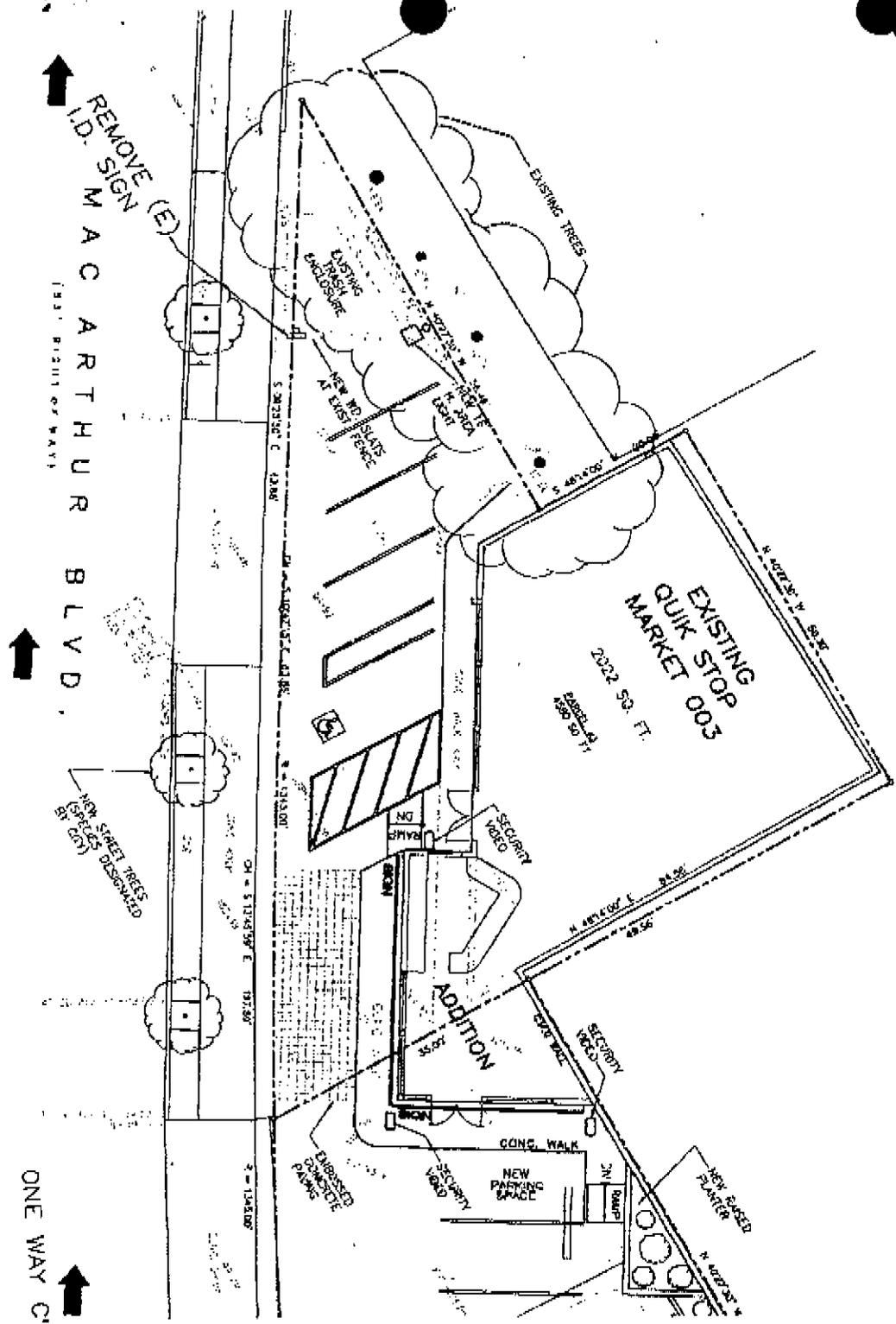
1871 ✓

✓



1'-20'

QUIK



11-20



Gettler-Ryan Inc.
6747 Sierra Court, Suite J
Dublin, CA 94568-2611

FACSIMILE COVER SHEET

DATE: 11-9-98
(GR #)

TO: TINA BERRY FAX: 925-277-2361

COMPANY: TOSCO

RE: FORMER TISCO #1871, 96 MACARTHUR BLVD, OAKLAND

FROM: DAUG

PHONE: (925) 551-7555

FAX: (925) 551-7888

COMMENTS: WORK PLAN ADDENDUM ADDRESSING UTILITIES
WE ARE PLANNING ON RELEASING THIS TO JULIET ~~XX~~
TOMORROW MORNING. PLEASE CALL IF YOU HAVE
ANY QUESTIONS

6 pages including cover

If there are any problems with this transmission, please call (925) 551-7555

 Hardcopy to follow



GETTLER-RYAN INC.

November 9, 1998

Ms. Tina Berry
Tosco Marketing Company
2000 Crow Canyon Place, Suite 400
San Ramon, California 94583

Subject: Work Plan Addendum, Tosco 76 Branded Facility No. 1871, 96 MacArthur Boulevard, Oakland, California.

Ms. Berry:

At the request of Ms. Juliet Shin of the Alameda County Health Care Services Agency (ACHCSA), Gettler-Ryan Inc. (GR) has prepared this work plan addendum to the GR's *Work Plan for Limited Subsurface Investigation*, dated October 30, 1998 for the subject site. The purpose of the work plan was to evaluate whether soil and groundwater downgradient of the subject site has been impacted by petroleum hydrocarbons, and whether developing the site would constitute a risk to human health. The scope of work was developed during a meeting between Tosco Marketing Company, ACHCSA, and GR representatives at the site on October 20, 1998. The purpose of this work plan addendum is to address the issue of whether underground utilities in the vicinity of the proposed groundwater monitoring well locations could influence groundwater flow and therefore influence the validity of the future groundwater sample analyses from these wells.

Placement of Off-site Monitoring Wells with Respect to Utility Pathways

GR proposes the installation of three additional off-site monitoring wells, as shown on the attached Site Plan, Figure 2. These wells are intended to replace onsite monitoring wells MW-2 through MW-5 to facilitate site redevelopment. MW-2 through MW-5, damaged during site demolition activities, were destroyed on September 16, 1998.

Since the April, 1993 groundwater monitoring event, the shallowest depth to groundwater in monitoring wells MW2 through MW5 occurred in January, 1997, and ranged from 7.7 to 9.5 feet below the tops of the well casings (TOC). The maximum depth to groundwater in these wells since April, 1993 ranged from 10.86 to 12.98 feet below TOC. During the recent July, 1998 monitoring event, the depth to ground water in these wells ranged between 9.53 and 11.70 feet below TOC.

A map of storm drain and sanitary sewer utilities in the downgradient vicinity of the site were obtained from the City of Oakland Engineering Department (COED) and reviewed. A copy of a portion of this map showing the subject site and vicinity is attached to this work plan addendum.

Work Plan Addendum - Tosco 76 Branded Facility No. 1871
November 9, 1998

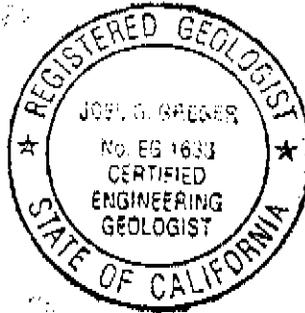
A storm drain lateral is located beneath the sidewalk area on the east side of MacArthur Boulevard, between the subject site and the proposed well locations. Based on measurements made onsite at the storm drain invert, and on street grade and flow line elevations obtained from the COED, the storm drain lateral is less than five feet below ground surface. Therefore, since historically the groundwater has not been shallower (since April 1993) than 7.7 feet, groundwater flow upgradient of the proposed well locations is unlikely to be affected by the storm drain lateral.

If you should have any questions regarding this work plan addendum, please do not hesitate to call me at (510) 551-7555.

Sincerely,
Gettler-Ryan Inc.



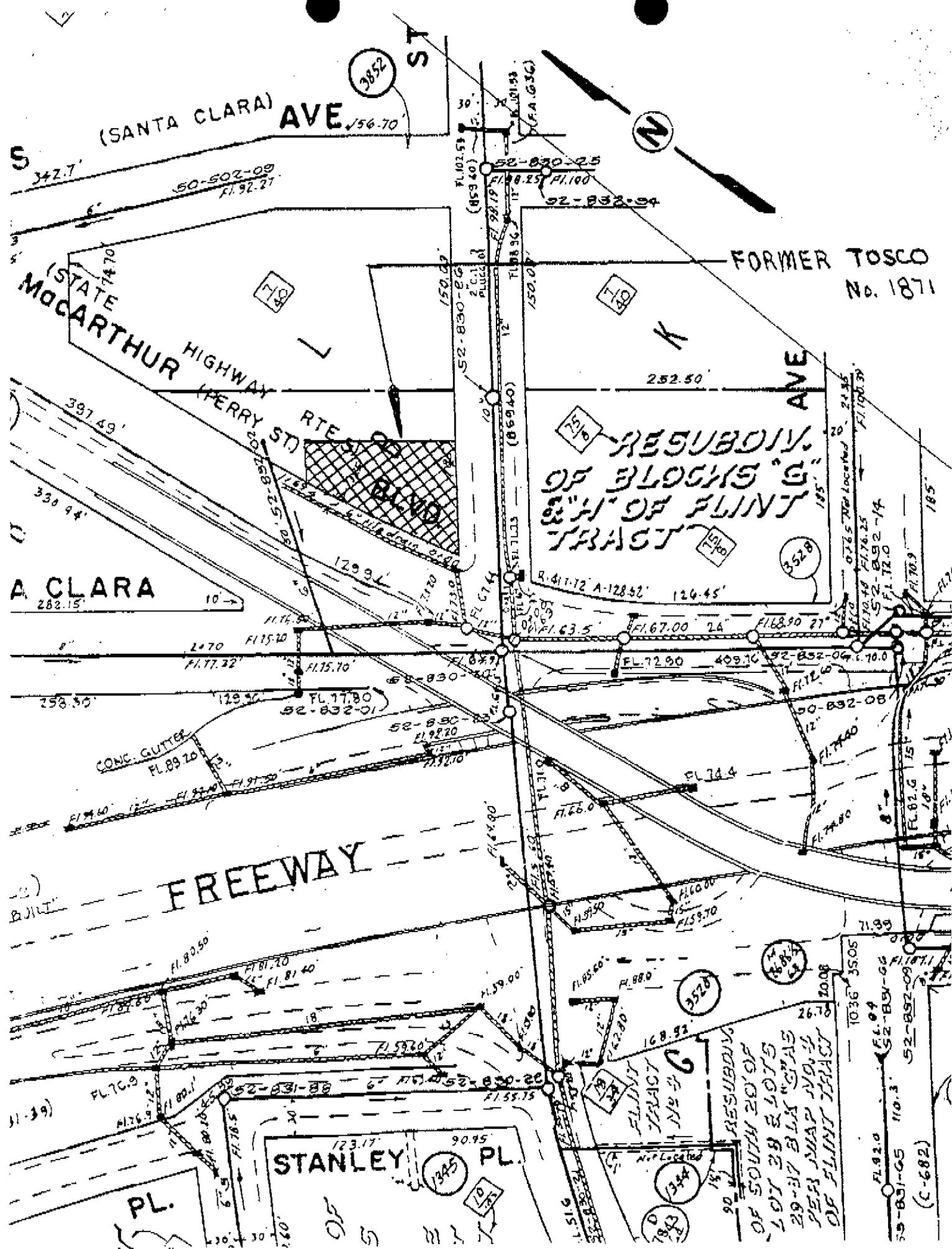
Joel G. Greger
Senior Engineering Geologist
C.E.G. EG 1633



Douglas J. Lee
Project Manager

Attachments: Site Plan, Figure 2
Utility Map

cc: Ms. Juliet Shin - Alameda County Health Care Services Agency



(SANTA CLARA) AVE

(STATE) MOCARTHUR HIGHWAY (PERRY ST)

FORMER TOSCO No. 1871

RESUBDIV. OF BLOCKS "G" & "H" OF FLINT TRACT

FREEWAY

STANLEY PL.

RESUBDIV. OF SOUTH 20' OF LOT 29 BLOYS 29-37 BLM "G" & "H" PER MAP NOV 22 OF FLINT TRACT

3852

N

3528

3528

1345

1344

1344

1344

(C-682)

A CLARA

11-39

PL.

71.89

1036 3505

FL 82.0

52-831-05

110.3

52-831-06

52-832-09

FL 107.1

1008

26.78

1036 3505

FL 82.0

52-831-05

110.3

52-831-06

52-832-09

FL 107.1

1008

26.78

1036 3505

FL 82.0

52-831-05

110.3

52-831-06

52-832-09

FL 107.1

1008

26.78

1036 3505

FL 82.0

52-831-05

110.3

52-831-06

52-832-09

FL 107.1

1008

26.78

1036 3505

FL 82.0

52-831-05

110.3

52-831-06

52-832-09

FL 107.1

1008

26.78

1036 3505

FL 82.0

52-831-05

110.3

52-831-06

52-832-09

FL 107.1

1008

26.78

1036 3505

FL 82.0

52-831-05

110.3

52-831-06

52-832-09

FL 107.1

1008

26.78

1036 3505

FL 82.0

52-831-05

110.3

52-831-06

52-832-09

FL 107.1

1008

26.78

1036 3505

FL 82.0

52-831-05

110.3

52-831-06

52-832-09

FL 107.1

1008

26.78

1036 3505

FL 82.0

52-831-05

110.3

52-831-06

52-832-09

FL 107.1

1008

26.78

1036 3505

FL 82.0

52-831-05

110.3

52-831-06

52-832-09

FL 107.1

1008

26.78

1036 3505

FL 82.0

52-831-05

110.3

52-831-06

52-832-09

FL 107.1

1008

26.78

1036 3505

FL 82.0

52-831-05

110.3

52-831-06

52-832-09

FL 107.1

1008

26.78

1036 3505

FL 82.0

52-831-05

110.3

52-831-06

52-832-09

FL 107.1

1008

26.78

1036 3505

FL 82.0

52-831-05

110.3

52-831-06

52-832-09

FL 107.1

1008

26.78

1036 3505

FL 82.0

52-831-05

110.3

52-831-06

52-832-09

FL 107.1

1008

26.78

1036 3505

FL 82.0

52-831-05

110.3

52-831-06

52-832-09

FL 107.1

1008

26.78

1036 3505

FL 82.0

52-831-05

110.3

52-831-06

52-832-09

FL 107.1

1008

26.78

1036 3505

FL 82.0

52-831-05

110.3

52-831-06

52-832-09

FL 107.1

1008

26.78

1036 3505

FL 82.0

52-831-05

110.3

52-831-06

52-832-09

FL 107.1

1008

26.78

1036 3505

FL 82.0

52-831-05

110.3

52-831-06

52-832-09

FL 107.1

1008

26.78

1036 3505

FL 82.0

52-831-05

110.3

52-831-06

52-832-09

FL 107.1

1008

26.78

1036 3505

FL 82.0

52-831-05

110.3

52-831-06

52-832-09

FL 107.1

1008

26.78

1036 3505

FL 82.0

52-831-05

110.3

52-831-06

52-832-09

FL 107.1

1008

26.78

1036 3505

FL 82.0

52-831-05

110.3

52-831-06

52-832-09

FL 107.1

1008

26.78

1036 3505

FL 82.0

52-831-05

110.3

52-831-06

52-832-09

FL 107.1

1008

26.78

1036 3505

FL 82.0

52-831-05

110.3

52-831-06

52-832-09

FL 107.1

1008

26.78

1036 3505

FL 82.0

52-831-05

110.3

52-831-06

52-832-09

FL 107.1

1008

26.78

1036 3505

FL 82.0

52-831-05

110.3

52-831-06

52-832-09

FL 107.1

1008

26.78

1036 3505

FL 82.0

52-831-05

110.3

52-831-06

52-832-09

FL 107.1

1008

26.78

1036 3505

FL 82.0

52-831-05

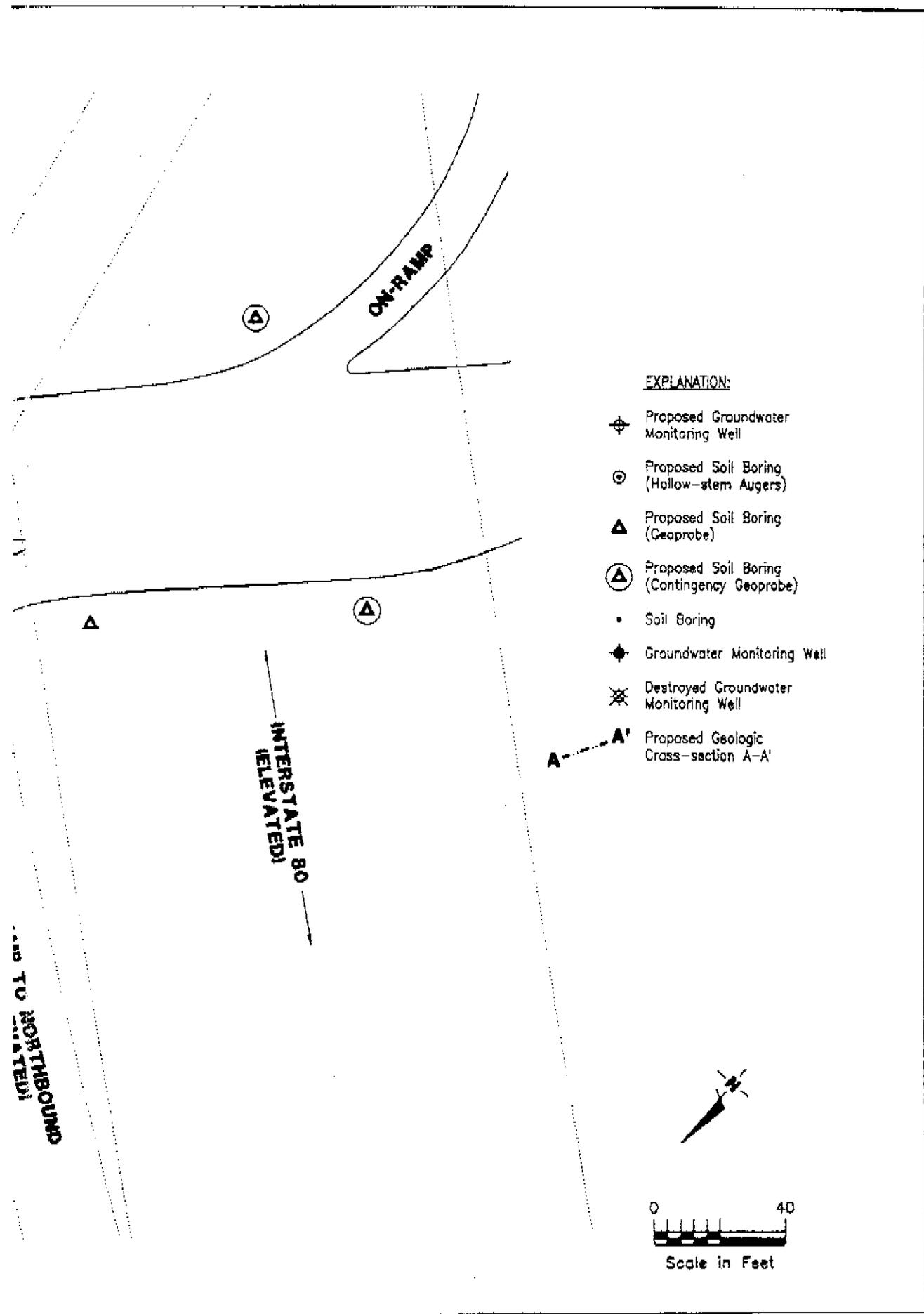
110.3

52-831-06

52-832-09

FIGURE

2



EXPLANATION:

- Proposed Groundwater Monitoring Well
- Proposed Soil Boring (Hollow-stem Augers)
- Proposed Soil Boring (Geoprobe)
- Proposed Soil Boring (Contingency Geoprobe)
- Soil Boring
- Groundwater Monitoring Well
- Destroyed Groundwater Monitoring Well
- Proposed Geologic Cross-section A-A'

SITE PLAN
 Former Tosco 76 Branded Facility No. 1871
 96 MacArthur Boulevard
 Oakland, California

REVISED DATE

DATE 10/98

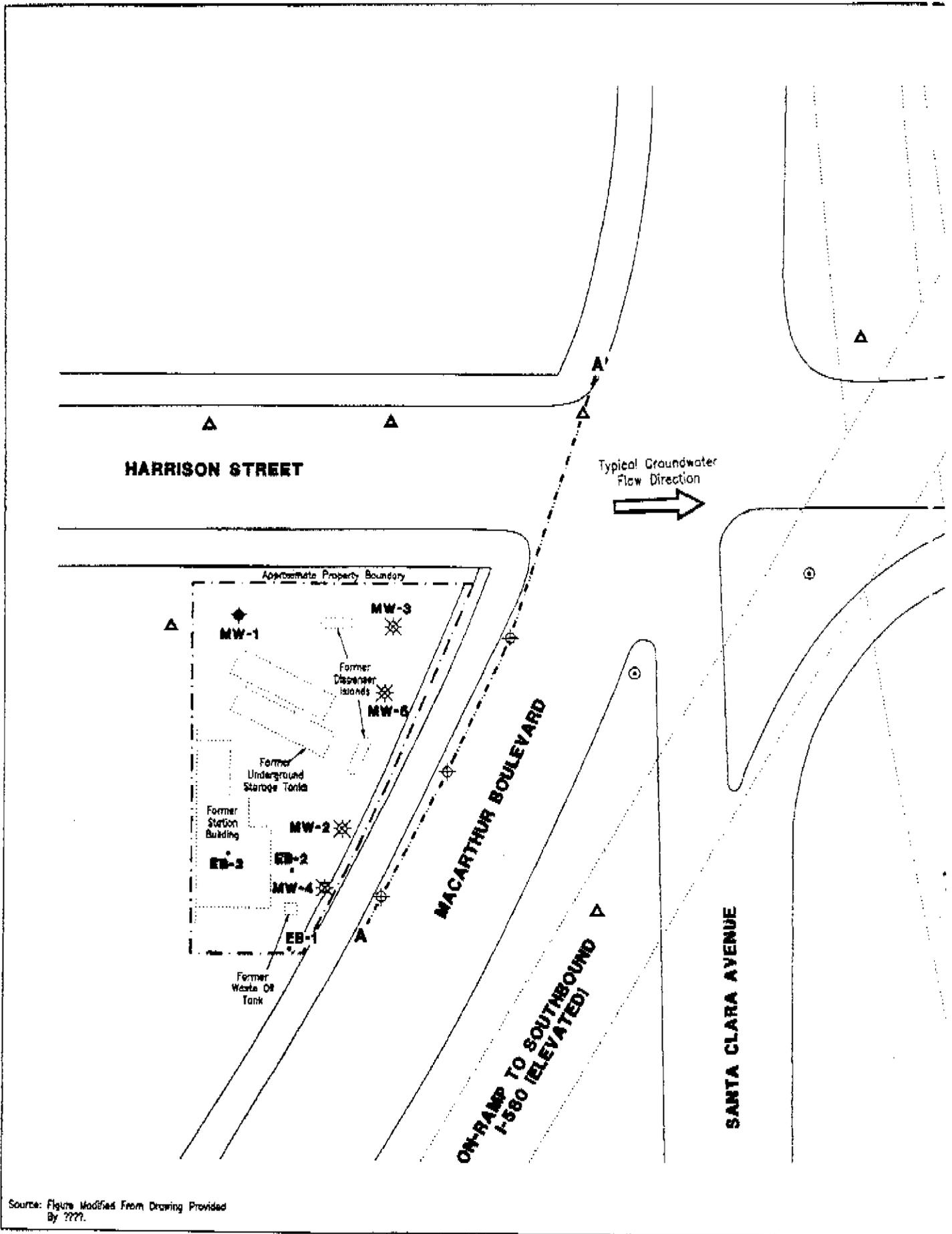
Gottler - Ryan Inc.

6747 Sierra Ct., Suite J (925) 361-7555
 Dublin, CA 94568

REVIEWED BY



JOB NUMBER
 140165



Source: Figure Modified From Drawing Provided By ????



FAX TRANSMITTAL

Date: 11-13-98

Number of pages including cover sheet: 3

To: DICK MATHEWS
TOSCO

Re: RSTOP MKT
HARRISON & MCARTHUR

cc: OAKLAND
TINA BERRY

Phone: 217-2410

Fax phone: 217-2301

From: TOM SHOENSTEIN
AS REQUESTED BY
BARBARA BEA

Tait Job No.: SP 3204

Phone: (925) 680-6800

Fax phone: (925) 680-7878



REMARKS: Urgent For your review Reply ASAP Please comment

SEE ATTACHED 1"=20' SITE PLAN

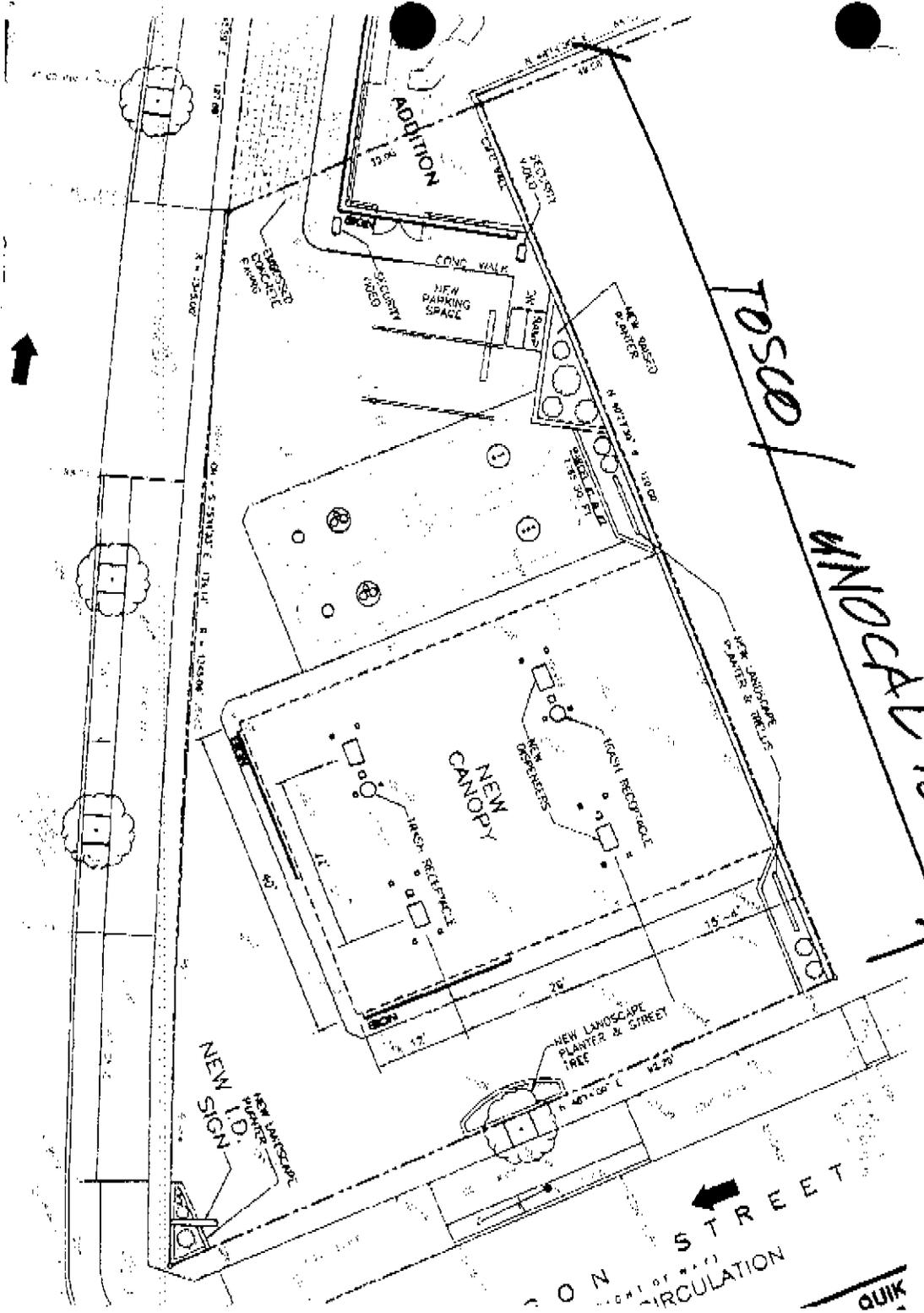
1871 ✓

✓

Original will follow via: Mail FedEx Other

Original will not follow: X

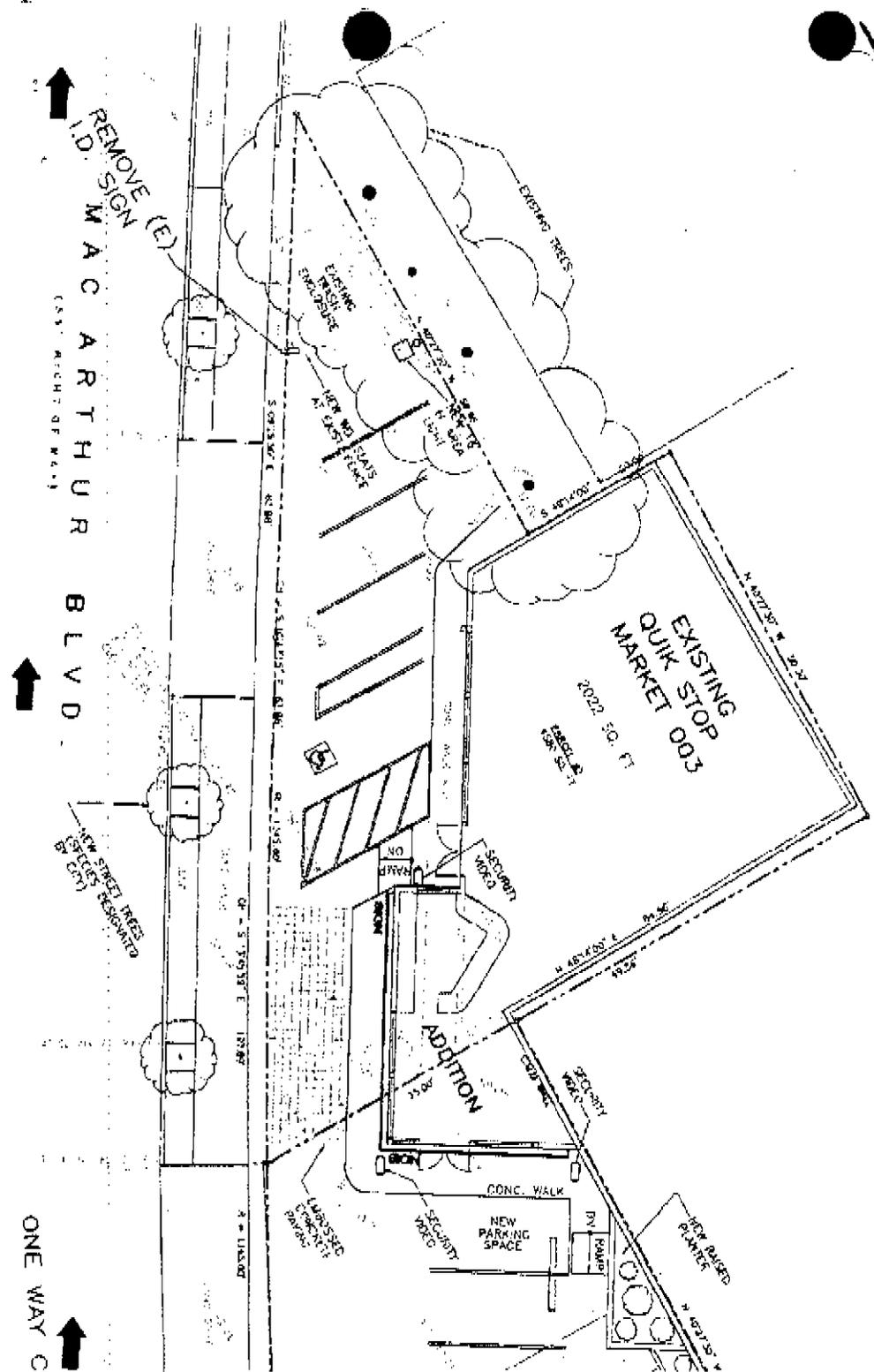
If you have problems reading this transmission or do not receive all of the pages, please call as soon as possible at (925) 680-6800. Thank you!



Tosco / ANOCAL 1971 X

1'-20'

11-20'



REMOVE (E) I.D. SIGN
MACARTHUR BLVD
ONE WAY

ONE WAY