I. APPLICATION FOR A SURFACE MINING PERMIT AND/OR FOR APPROVAL OF A RECLAMATION PLAN

Name of Applicant: Kaiser Sand & Gravel Company

Address: 3000 Busch Rd., P. O. Box 580, Pleasanton, CA 94566

Telephone: 415+846-8800

Location of Property to be Mined and/or Reclaimed: North of Stanley Boulevard just east of Pleasanton and south of I-580. See Vicinity Map "a" and "b".

Assessor's Designation(s):
Map 946 Block 1350/1151/1250 Parcels 1, 3-2, 3-1/1, 11-1/6, 19-1

Record Owner & Address Kaiser Sand & Gravel Company, 3000 Busch Rd., Pleasanton, CA

Map 99B Block 3901 Parcels 4, 5, 6

Record Owner & Address Kaiser Sand & Gravel Company, 3000 Busch Rd., Pleasanton, CA

Map _____ Block _____ Parcels _____

Record Owner & Address _____

Type of Application: X Surface Mining Permit and Reclamation Plan
_____ Reclamation Plan only

Information for Surface Mining Permit Application:

1. Purpose of the proposed mining operation: To extract sand and gravel for processing and sale as building material.

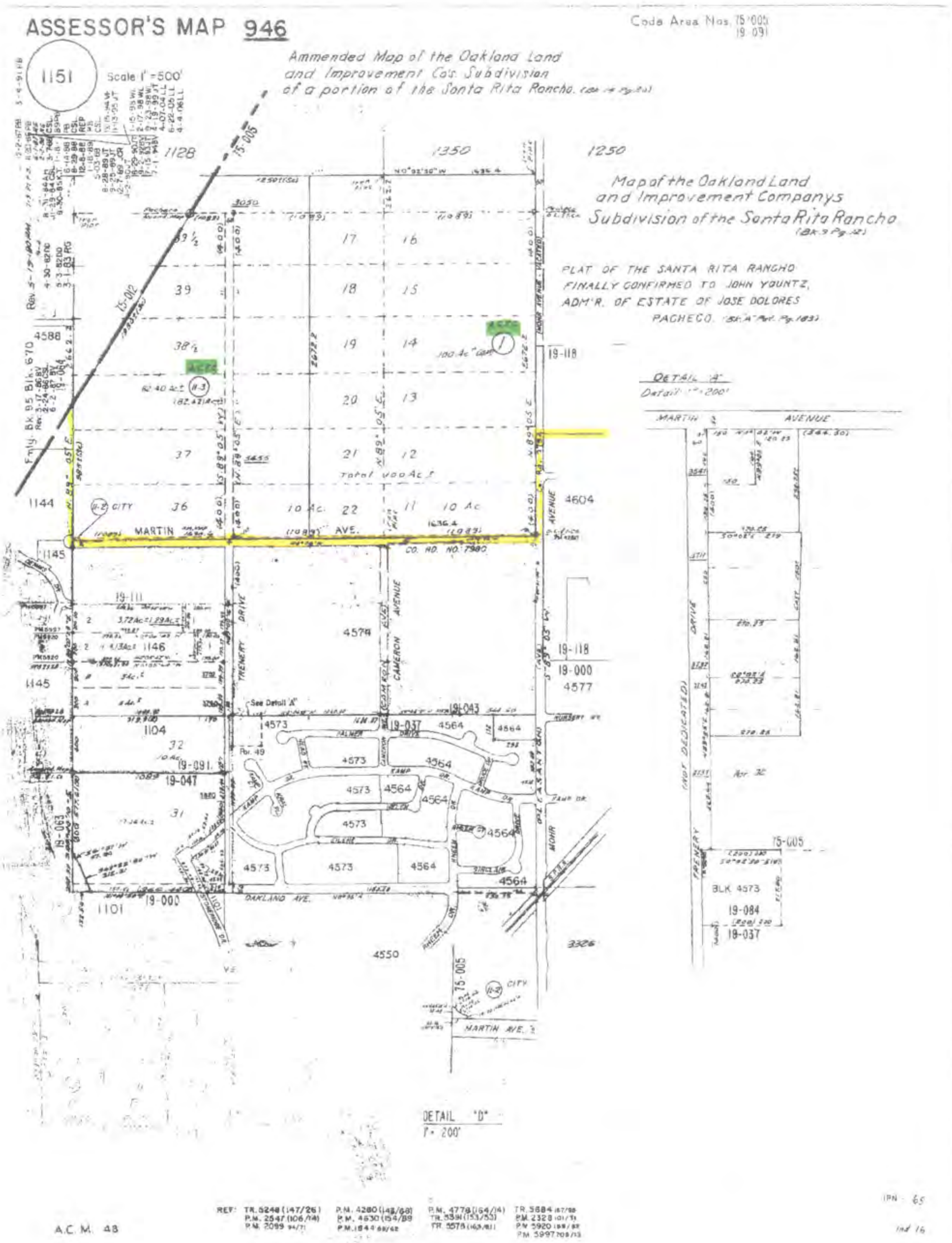
2. Proposed starting date: On-going operation.

3. Proposed termination date: Approximately 2010

4. Will operations be continuous X ; intermittent _____ ; seasonal _____ ; other (explain) _____

5. Mineral commodity to be mined: Sand, gravel


I 580
2 LANE
N
Santa Rita
Rehabilitation Center
Annex
Inman Sch
Las Positas
Golf Course
Arroyo
SANTA
RITA
AMADOR
VALLEY
TRENERY DR.
MARTIN AV.
SITE
Wells
KAISER RD.
PLEASANTON GRAVEL CO.
COPE PARCEL SILT POND
Mocho
MOHR AV.
BUSCH RD.
Gravel Pit
GRAVEL PITS
PACIFIC
WESTERN PACIFIC
Alisal Sch
Gravel Pits
Radum
STANLEY
BOULEVARD
East Pleasanton
Gravel Pit
Valle
GRAVEL
Arroyo
Valley View Sch
Pleasanton
VINEYARD
VALLE DE
Springs

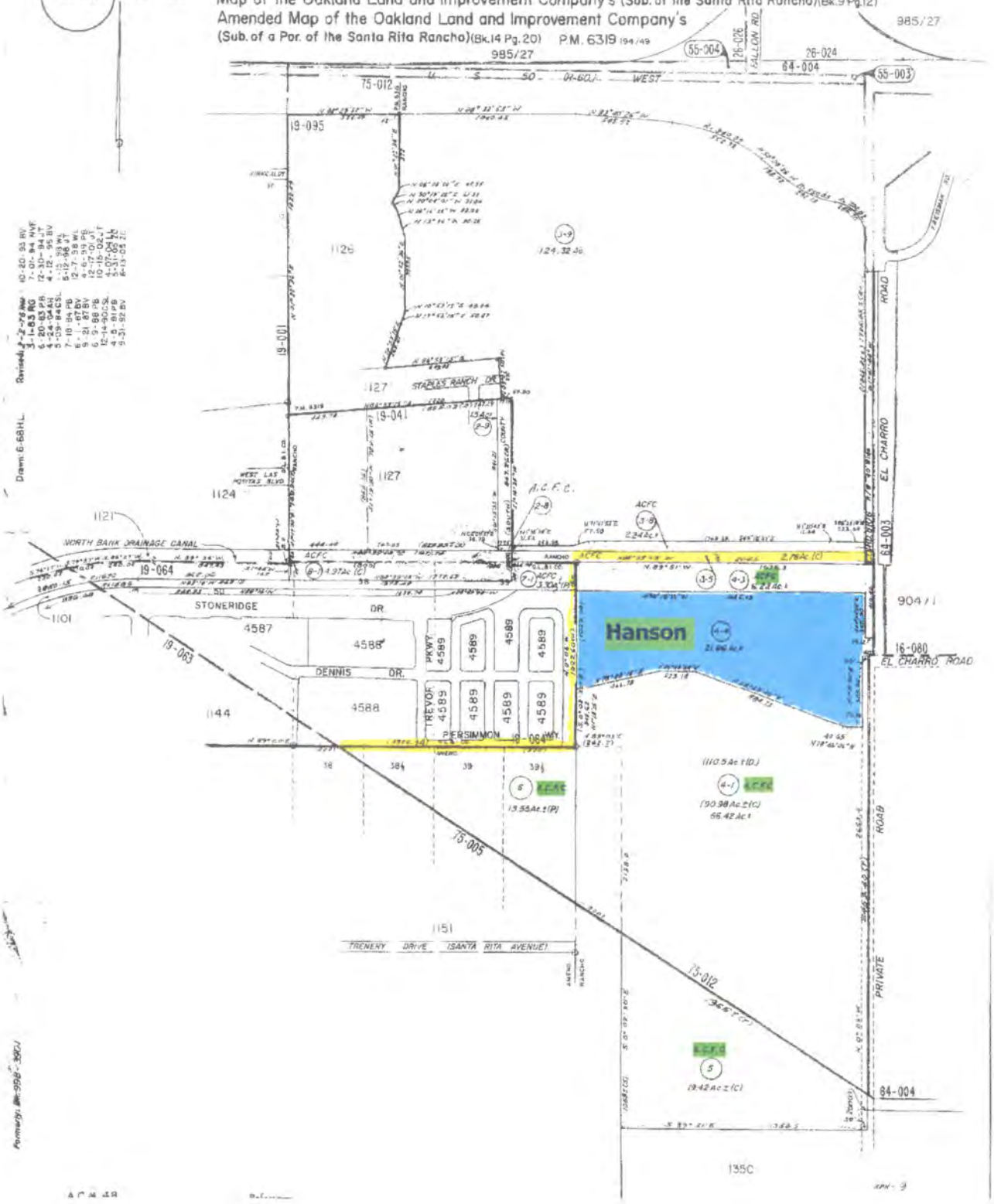

ASSESSOR'S MAP 946
Code Area Nos. 75-005 19-091
1151
Scale 1" = 500'
Ammended Map of the Oakland Land and Improvement Co's. Subdivision of a portion of the Santa Rita Rancho.
Map of the Oakland Land and Improvement Companys Subdivision of the Santa Rita Rancho (Bk. 9 Pg. 12)
PLAT OF THE SANTA RITA RANCHO FINALLY CONFIRMED TO JOHN YOUNTZ, ADM'R. OF ESTATE OF JOSE DOLORES PACHECO.
1128
1350
1250
4588
1144
1145
1146
1104
1101
4604
4574
4577
4573
4564
4550
3326
19-118
19-111
19-000
19-043
19-037
19-091
19-047
19-063
75-005
75-002
MARTIN AVE.
CO. RD. NO. 7980
TRENERY DRIVE
CAMERON AVENUE
OAKLAND AVE.
Total 400 Ac.±
10 Ac.
See Detail 'A'
DETAIL 'A'
Detail 1" = 200'
MARTIN AVENUE
(NOT DEDICATED)
TRENERY DRIVE
BLK 4573
19-084
19-037
DETAIL "D"
1" = 200'
MARTIN AVE.
CITY
REF: TR. 5248 (147/26) P.M. 2547 (106/14) P.M. 2099 94/71
P.M. 4280 (148/68) P.M. 4630 (154/89) P.M. 1844 88/62
P.M. 4778 (164/14) TR. 5391 (153/53) TR. 5578 (163/81)
TR. 5884 P.M. 2328 P.M. 5920 P.M. 5997
A.C.M. 48

ASSESSOR'S MAP 946

Code Area Nos. 19-041 75-012 55-003 19-064 19-035

1128 Scale: 1" = 400'

Plat of the Santa Rita Rancho (John Yountz, Admr. Est. Jose Dolores Pacheco) (Por. Bk. 3 Pg. 183)
Map of the Oakland Land and Improvement Company's (Sub. of the Santa Rita Rancho) (Bk. 9 Pg. 12)
Amended Map of the Oakland Land and Improvement Company's
(Sub. of a Por. of the Santa Rita Rancho) (Bk. 14 Pg. 20) P.M. 6319 194/49



ASSESSOR'S MAP 946

1250

Scale: 1" = 400'

Code Area Nos. 19-000 75-005 19-094
19-014 19-078 19-100
19-029 19-005
19-059 19-080
19-081

MAP OF PROPERTY OF J.A. ROSE (Bk. 3 Pg. 50)
MAP OF SUBDIVISION RANCHO EL VALLE DE SAN JOSE (Case 1-R-21)
PLAT OF THE SANTA RITA RANCHO (JOHN YOUNTZ, Adm. of Est of Jose Dolores Pacheco) (Bk. B & A Pg. 185)
P.M. 389 (Bk. B Pg. 50)

P.M. 1658 (Bk. 91 Pg. 13)
P.M. 1539 (Bk. 86 Pg. 23)

HANSON

HANSON

DETAIL "B"
Scale: 1" = 400'

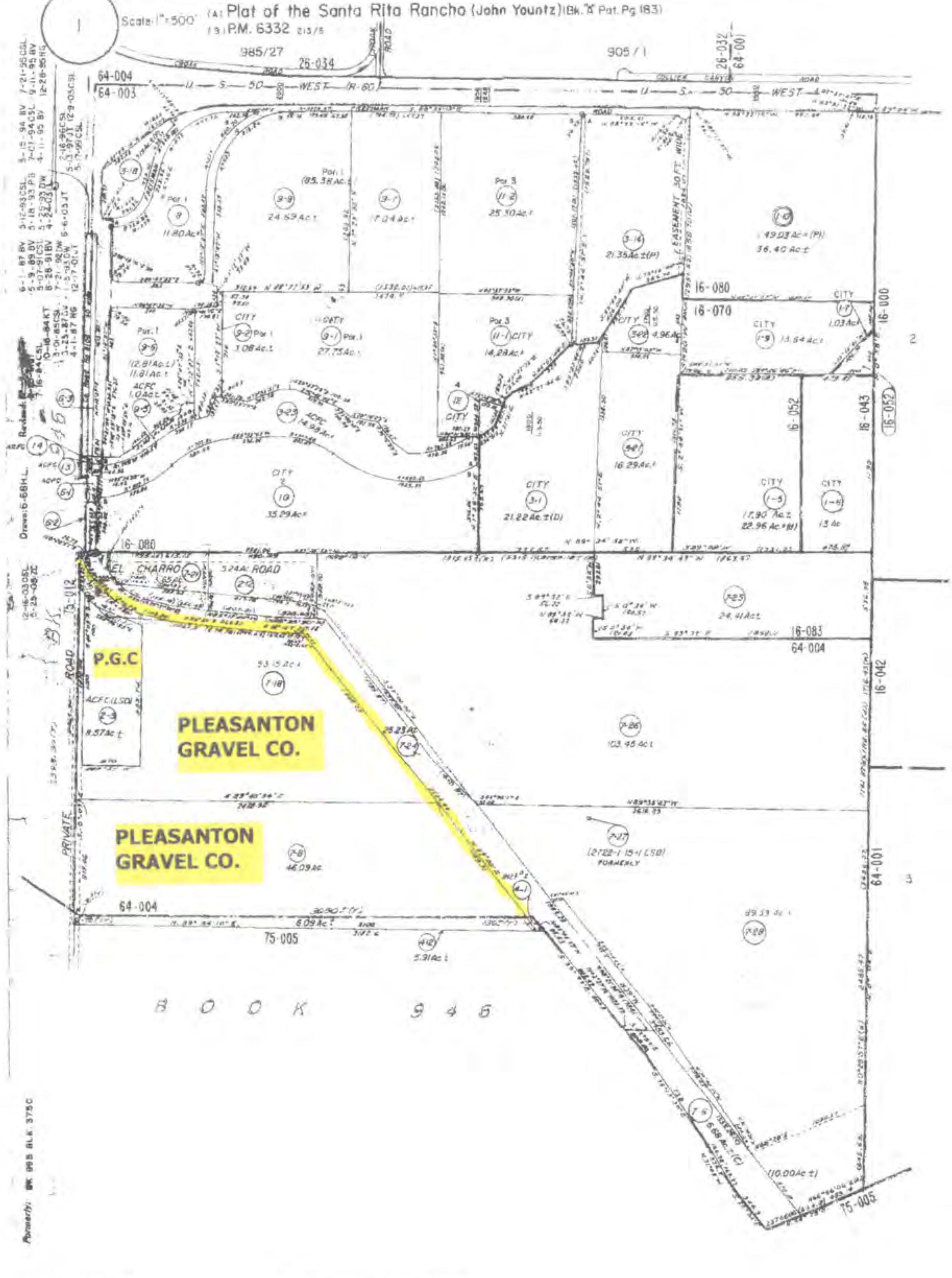
Reference: Survey Nos. 1446 & 1447 Portion of Plats 2 & 5 of Bernal Portion of the Rancho el Valle de San Jose for Mrs. L. R. Dondiel and Remillard Brick Company (Case 1-R-21)
R.S. 355 (Por. I SR 5 Bk. 8 Pg. 48);
Case 5-2-35
R.S. 802

A.C.M. 48

HPN-43

ASSESSOR'S MAP 904

Code Area Nos. 64-003 64-004 75-005 16-043 16-052 16-070 16-080 16-083



A.C.M. 48

Reference:

6. Total anticipated production

Mineral commodities to be removed tons (cu.yds.) Approximately 40,000,000 Tons

Waste retained on the site tons (cu.yds.) None

Waste disposed off site tons (cu.yds.) None

Maximum anticipated depth to the first aquifer, ±120' ft.

7. Mining Method (Check all applicable)

Open Pit	X	Gravel/Sand Pit	X
Single Bench		Drill and Blast	

Quarry:

Hill Top		Clay Pit	
Multibench		Truck to processing plant (To RR)	
Side Hill		Borrow Pit	
Dragline	X	Tailings Pond	
Low Level		Slurry Pump	
Shovel		Waste dump	
Underground		Rail	
Gravel bar skimming			

Other Dozer and Conveyor

Other

8. Briefly describe the mining plan. Describe and diagram how the mining operation is to be conducted to permit concurrent reclamation activity and reclamation at the earliest possible time:

The limits of mining are shown on the Exhibit "A" and Drawing RP 1. The five-year staging plans illustrate the projected progress of mining from 1990 through 2010 together with the timing of the installation of the proposed water management conduits. The reclamation progress is also shown on the staging plans. The actual progress of mining and reclamation will be dependent upon the economic climate and the demand for the products existing through the life of the Quarry. The proposed mining and reclamation plan is, in conformance with the overall Specific Plan approved by the Alameda County Board of Supervisors on November 5, 1981. The only modification to the Specific Plan is the area "A" (shown on Exhibit "F", titled "Final Land Form") which will be reclaimed to its original elevation rather than left as water area. This modification was approved by the Alameda County Planning Commission, Resolution No. 87-58 dated November 16, 1987, as part of the five year review process.

Estimate quantity (gallons per day) and quality of water required by the proposed operation, specifying proposed sources of this water, of method of its conveyance to this property and the quantity and quality and method and disposal of used and/or surplus water:

In the mining area under consideration for this application, water related activities consist, primarily, of lowering the water level in the active mining area by dewatering pumps. The water is pumped to adjoining pits for storage. Offsite, at our Processing Plant, water is used for washing aggregates. Approximately 11 million gallons per day is pumped from a pond to the plant for this purpose. The wash water returns to the same pond for settling purposes so consumptive use is minimal. Water removed from this location as consumptive use is in the range of 3 million gallons per year as an ingredient of ready mix concrete. Domestic water is provided by a well.

10. Describe all on-site processing, milling, beneficiation and smelting activities, including composition and disposal methods of all waste and tailing materials:

No on-site activities take place other than mining. Off-site activities include washing, screening and crushing of sand and gravel at our facility located on adjoining property.

11. Is operation of a concrete batch plant proposed?

Concrete plant is an existing operation off-site. Asphalt batch plant? Also an existing operation off-site.

12. Describe other activities and land uses that will occur on the site, whether or not associated with the mining activity:

On-site activities are basically limited to mining. Off-site activities in addition to the gravel plant, are Concrete and Asphalt Batch Plant, truck and central maintenance shop and the company offices. Other off-site land uses are settling ponds and lakes for water management program.

13. List which days of the week and hours of the day mining and/or processing operations are to be conducted:

Hours of operation are dependent on demands and needs of the products produced.

14. Will excavation extend near or into a usable water-bearing stratum: Yes

If yes, describe measures proposed to protect the quality of the water and to maintain flow of water through the area:

Within the mining area the excavation will occur in the upper aquifer as defined by the extensive clay layer which separates the top two regional aquifers. The depth of mining will vary depending on the depth of this clay layer which defines the lower limit of the upper aquifer. The Reclamation Plan includes the construction of a chain of lakes which will provide the

means for transmitting groundwater through the quarry area. Water transmission through the intervening dikes and remaining natural land forms will be provided water management conduits approved as part of the Specific Plan.

Describe measures proposed to protect the mining site from overflow of adjacent streams:

The only stream that borders the mining area is the Arroyo Mocho. The mining site is protected by levees which border the site in areas that are subject to flooding.

Describe the equipment to be employed in excavating, processing and in transporting finished material from the site:

The equipment used in the excavation includes dozer, scrapers, and dragline. Processing operations incidental to the sand and gravel pit operation includes conveyor belts, sand and gravel washing and scrubbing machines, vibrating screens, crushers, rodmills, dumps, aggregate storage silos and truck loading bunkers. Finished products are transported by independently owned trucking companies or contractors.

Describe proposed dust and noise control measures:

Dust control is achieved through application of recycled water to access and haul roads. Water is provided to wet down any dry loads leaving the site, however the material that is mined usually contains sufficient water control dust. All equipment is equipped with noise suppression device required by State and Federal regulations.

Describe potable water and sanitary facilities to be provided to employees:

On site sanitary facilities are provided as required by local codes and Health departments. There is bottled water available for drinking in the pit area. An on-site well supplies water to shops and offices for sanitation purposes.

Describe points of access to public roads to be used in transporting mined materials and connecting routes to freeways to be followed:

The access routes to the Quarry and Plant site are El Charro Road and Busch Road. El Charro Road connects to I-580 freeway. Busch Road provides access for local trips east and west and a connection to I-680 for southbound trips via Valley Av., Stanley Blvd., and 1st St. See the drawing titled "Route Map".

Estimate the average and maximum number of truck trips per day entering and exiting the site. If possible, estimate the distribution of truck trips anticipated in each direction (refer to routes described in item 19 above):

Total estimated number of truck trips* on an average entering and exiting plant site per day is 765 and maximum 1514, which includes the aggregate,

concrete and asphalt trucks. A very rough estimate of truck trips distribution is 75% north and 25% south. Also as a result of the 1st Street Litigation with the City of Pleasanton, Kaiser Sand & Gravel Company has agreed to allow the Lone Star truck traffic to use our haul road commencing July 1, 1995.

*Each truck trip is considered as a truck entering the site empty and the same truck exiting the site loaded.

21. Estimate what percentage of truck trips will be company-owned vehicles:
The only Company-owned vehicles are the concrete trucks which are approximately 8% of truck trips.

22. Please enclose the following: See attached maps as shown below.

A. Plans drawn and certified by a registered civil engineer showing:

- The location and the exterior boundaries of the property on which the quarry or sand and gravel pit is or is proposed to be located. See the current topo map Exhibit "A".
- The boundaries of the area proposed to be excavated with dimensions of setbacks from exterior boundaries, waterways, etc. See the current topo map Exhibit "A" and Drawing No. RP 1.
- The general locations of estimated stage operations, processing equipment, waste-dumps and tailings ponds. See the current topo map Exhibit "A", for staging refer to reclamation progress DWGS. Exh. B thru
- Existing and final contours based upon mean sea level datum. Refer to the map titled "Final Land Form", Exhibit "F".
- The location of any existing or proposed structures, stream channels, levees, benches, roads or other improvements or significant features on the property and within one hundred (100) feet outside of its exterior boundaries. The plan should list ownership of adjacent parcels. See the current topo map Exhibit "A".
- How the site is to be drained--indicate proposed desilting basins, dikes and proposed disposition of storm waters. See Reclamation Plan DWG. titled "Staging Plan Year 2005, Exhibit E".

B. Cross sections through the area to be mined shall be drawn and certified by a registered civil engineer, sufficient to indicate:

- the slopes of cut banks
- existing grades and elevations
- grades and elevations at interim phases
- grades and elevations at completion of mining

Such cross sections shall extend at least one hundred (100) feet beyond the exterior of the existing or proposed excavations. See Reclamation Section DWG. #1 through #10.

C. A preliminary landscape proposal, prepared by a registered Landscape Architect, shall show screening, fencing, and other details proposed during all mining phases. Landscaping will be the same as previously proposed and approved. Refer to John Vogley, Buffer Zone Landscaping, Exhibit "G".

23. Using the maps of item 22 as a base, indicate the areas to be covered by reclamation and the changes proposed to occur, including any regrading of slopes and filling of excavations.

See map titled "Final Land Form" Exhibit "F".

24. Describe the ultimate physical condition of the site and specify proposed or potential uses of the mined lands as reclaimed. (These uses must be consistent with the Alameda County General Plan, and, if located within the sphere of influence of a city, should be compatible with uses planned by the city.):

Water areas shown on the drawings will be utilized by Zone 7 for both water management and flood control (see Exhibit "F"). The west face will be utilized to percolate water into the underground aquafiers to the west to provide a steady supply to the well fields. The lakes are interconnected with conduits as indicated in Exhibits "B" through "F". A diversion structure with a capacity of 100 second-feet will be constructed in the existing Arroyo Mocho or relocated Arroyo Mocho to provide water for replacement of evaporative losses, dilution of salt buildup, and flood control. Final design and installation procedures of these conduits and structures will be completed and approved by appropriate agencies prior to construction.

The area of land reclaimed between Mohr Avenue and Busch Road and also the Area A should be suitable for heavy structures in that it will be compacted fill for its total depth. Potential uses could range from industrial to residential.

The silt ponds will consolidate at a lower elevation than the surrounding area. Upon completion of mining, these ponds will initially become overgrown with tules followed by a proliferation of willow trees. These plants through transpiration will remove large quantities of water from the silts causing consolidation and increasing load bearing abilities. After a period of time, the willows could be removed and grasses planted to support pastures. After further consolidation, the area could be converted to an agricultural use.

Other uses might be wild life refuge, open space, motorcycle race course, tree farm, or any use not requiring structural stability of the soils. The existing plant and office areas could be used for anything between industrial and residential. A portion of the main settling pond will be deeded to Zone 7 for flood control purposes.

5. Provide evidence that all owners of a possessory interest in the land have been notified of the proposed or potential uses identified in item 24.

Kaiser Sand & Gravel Company is the sole owner of all land within the mining
d Reclamation Plan area addressed in this application.

. Describe soil conditions and redisposition plan for soil salvage: The soil is mapped as the Yolo--Pleasanton as being either soil conservation service Class I or II. Soil salvage is not specifically intended as the soil will grow native plants at all depths.

. Describe the methods, their sequence and timing, to be used in bringing the reclamation of the land to its end state. Indicate on map (Item 22) or on diagrams as necessary. Include discussion of the pertinent items ted below:

a. backfilling and grading
b. stabilization of slopes
c. stabilization of permanent waste dumps, tailings, etc.
d. rehabilitation of pre-mining drainage
e. removal, disposal, or utilization of residual equipment, structures, refuse, etc.
f. control of contaminants, especially with regard to surface runoff and ground water
g. treatment of streambeds and streambanks to control erosion and sedimentation
h. removal or minimization of residual hazards
i. resoiling, revegetation with evidence that selected plants can survive given the site's topography, soil and climate

.(a & b)

Backfilling will be accomplished by the use of scrapers, dozers, and appropriate compactive equipment.

Final slopes of all backfills will not be less than 2 to 1. Final cut slopes where no backfill exists against final cut slopes will also be at a slope of ') 1. With slopes of 2 to 1 the only stabilization required should be erosion protection. Erosion protection will be accomplished through re-vegetation and proper drainage.

27. Continued

(c) Permanent waste dumps in the case of this mining operation are the silt ponds. The silts are totally confined within completed pits so no side stabilization is required. Stabilization of the surface will be accomplished by natural means of plant growth as outlined in 24.

(d) The perimeters of the lakes are to be sloped so as to drain away from the lakes. This largely conforms with premining drainage. Current plans for draining the area between Mohr Avenue and Busch Road as well as the plant and office areas is to direct all runoff into the low level silt ponds which will be isolated from ground water to avoid contamination. The silts, themselves, will seal the area from the groundwater. A portion of the property will drain to a future storm drain to the west. The future El Charro Road in the area between the two lakes will be contructed to such a grade that it will drain both to the north and south and not into either lake.

(e) Upon completion of mining, all equipment and structures will be removed from the site unless a potential user arises for the buildings.

.) It is planned to divert all surface runoff away from the lakes containing ground water as well provide buffer zones around the lakes.

(g) Not applicable.

(h) No residual hazards are known.

(i) Slopes of the lakes above the waterline will be seeded with native grasses by hydromulching. Buffer areas around the lakes may be seeded with grass or an unseeded roadway may be left depending on the desire of the water management agency. No extensive resoiling will take place since the overburden will support native grasses at all depths. This is evidenced by the successful hydromulching of existing cut slopes to full depths.

28. If applicant has selected a short term phasing of reclamation, describe in detail the specific reclamation to be accomplished during first phase:

No short term phasing has been selected. Reclamation is an on-going operation and the progress is shown on the staging plans, Exhibit "A" through "F".

29. Describe how reclamation of this site in this manner may affect future mining at this site and in the surrounding area:

It is assumed that no future mining will take place so the Reclamation Plan should have no effect.

30. Provide a report by an engineering geologist as to the stability of proposed final slopes and filled areas, and the adequacy of proposed erosion control measures at completion of reclamation and if developed with the uses indicated in item 24. Report shall include interim slope requirements.

See attached Stability Analysis by Shannon & Wilson

It is understood that any permit issued pursuant to this application will not grant any right or privilege to use any building or land contrary to the provisions of law or of any ordinance of the County of Alameda. All provisions of law and of ordinance governing the use of the aforesaid building or land will be complied with whether specified herein or not.

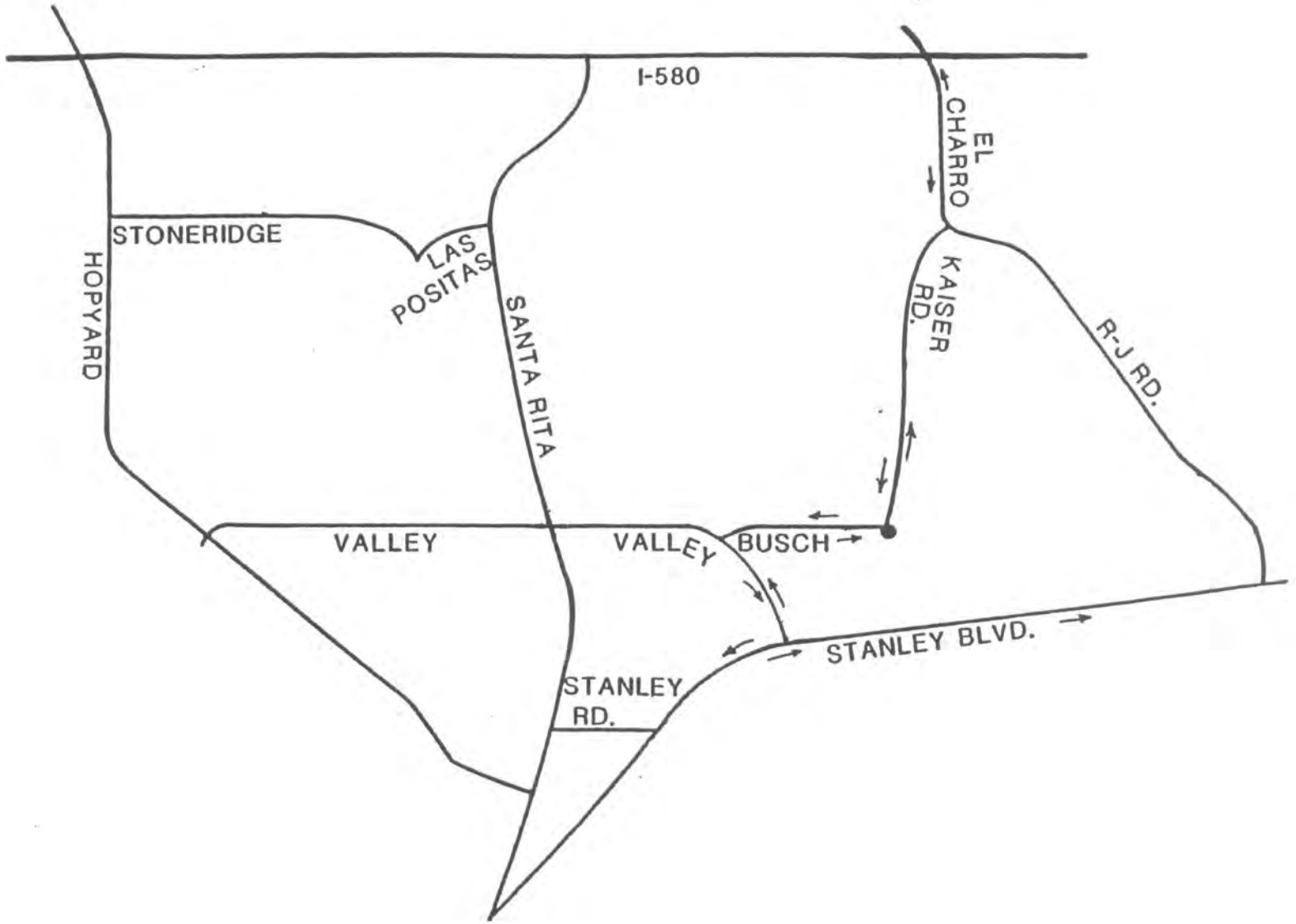
I attest under penalty of perjury to the truth and correctness of all the facts, exhibits, maps and attachments presented with and made a part of this application.

Signed Lawrence W Appleton, Applicant Date 3-14-90

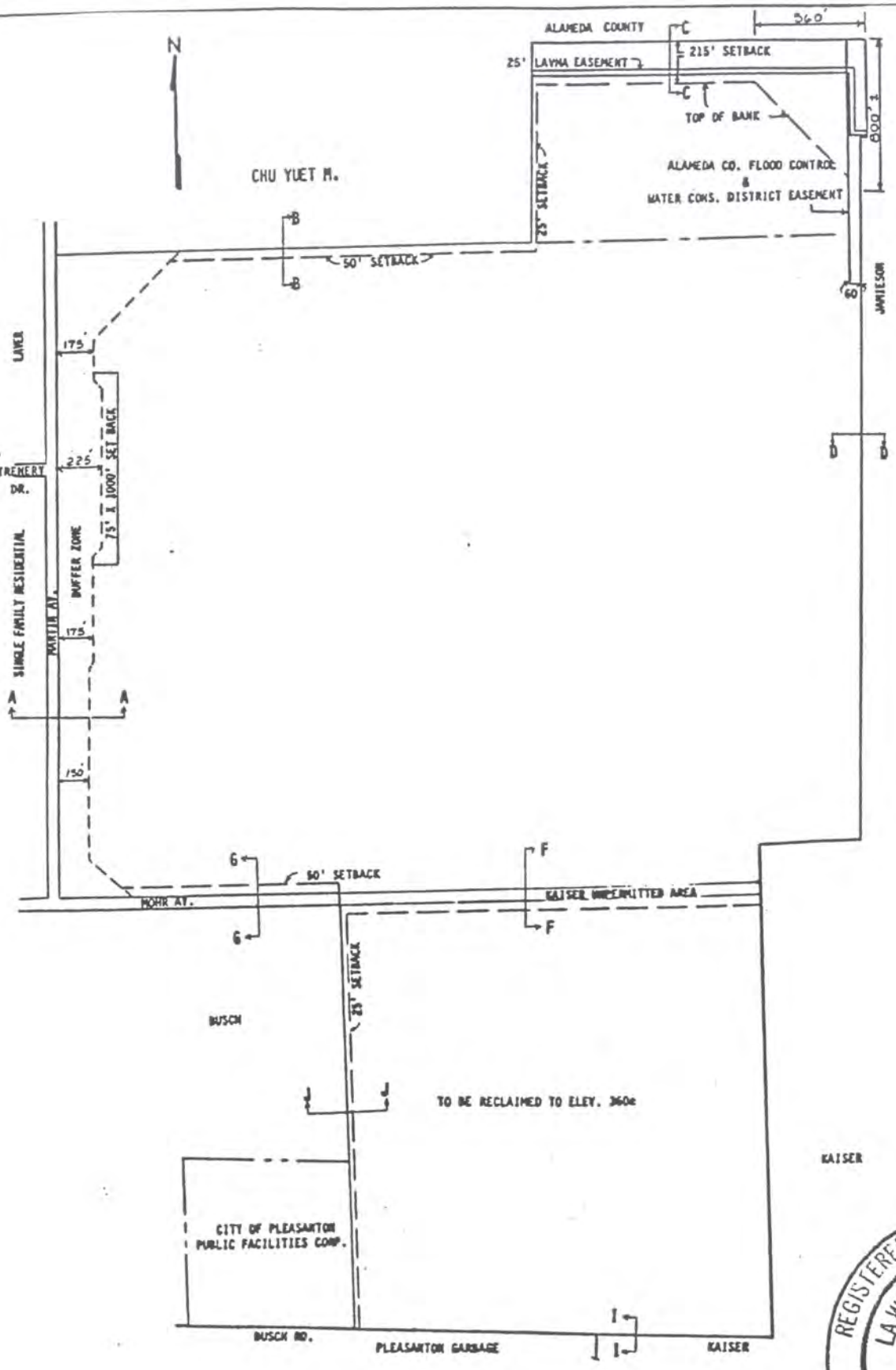
Mailing Address Kaiser Sand & Gravel Company Phone 415+846-8800

P. O. Box 580

Pleasanton, CA 94566


I-580
EL CHARRO
STONERIDGE
LAS POSITAS
HOPYARD
SANTA RITA
KAISER RD.
R-J RD.
VALLEY
VALLEY
BUSCH
STANLEY BLVD.
STANLEY RD.
N

ROUTE MAP



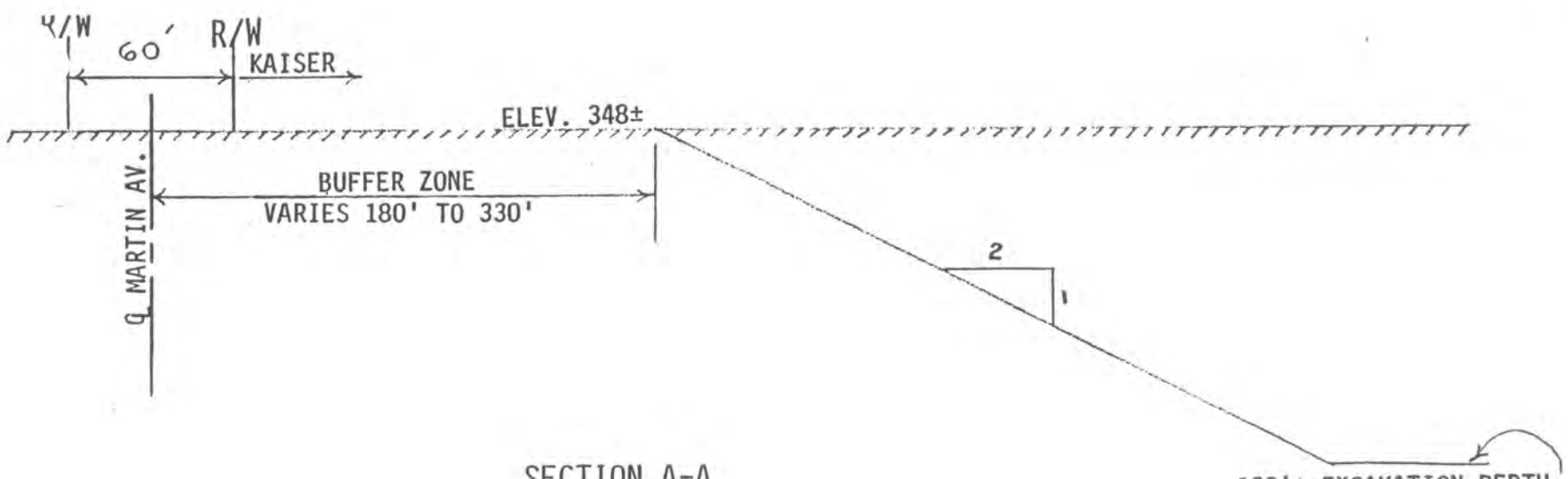
SCALE : 1" = 800'

REGISTERED PROFESSIONAL ENGINEER
LAWRENCE W. APPLETON
L W Appleton
No. 36081
Exp 6-30-92
CIVIL
STATE OF CALIFORNIA

KAISER SAND & GRAVEL COMPANY		
USE PERMIT BOUNDARY		
SCALE: AS SHOWN	DWG. # RP 1	FKS

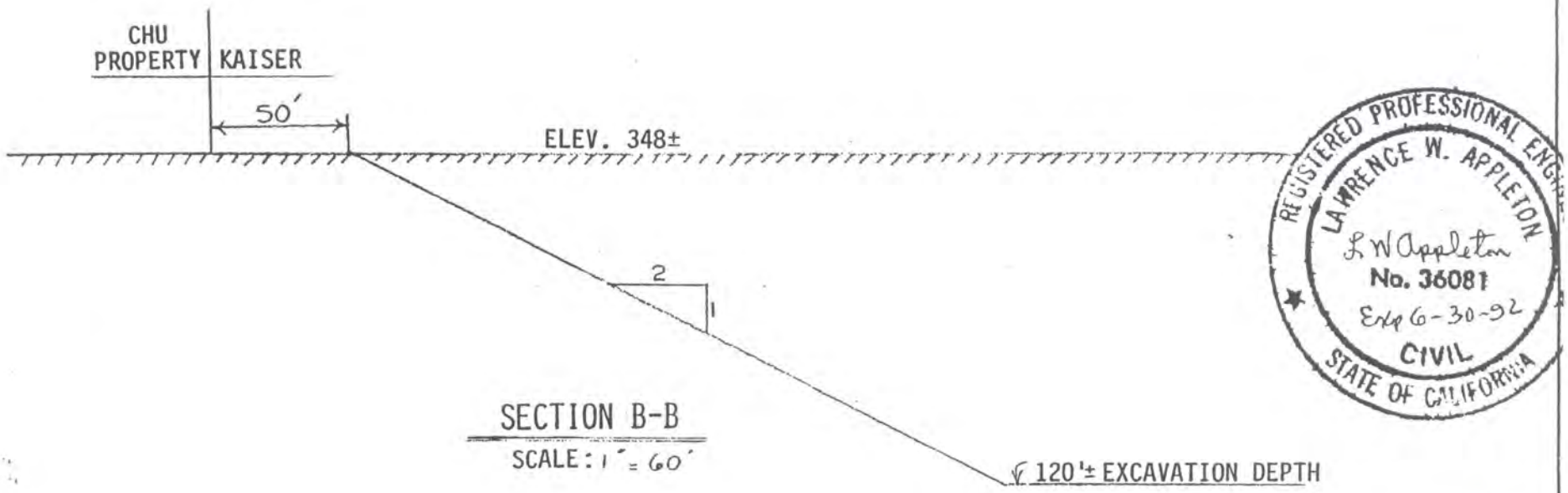
REGISTERED PROFESSIONAL ENGINEER
LAWRENCE W. APPLETON
LW Appleton
No. 36081
Exp 6-30-92
CIVIL
STATE OF CALIFORNIA

KAISER SAND & GRAVEL COMPANY		
ADJOINING PROPERTIES INCLUDED IN RECLAMATION PLAN ONLY		
SCALE: AS SHOWN	DWG. # RP 2	FKS



SECTION A-A

SCALE: 1" = 60'

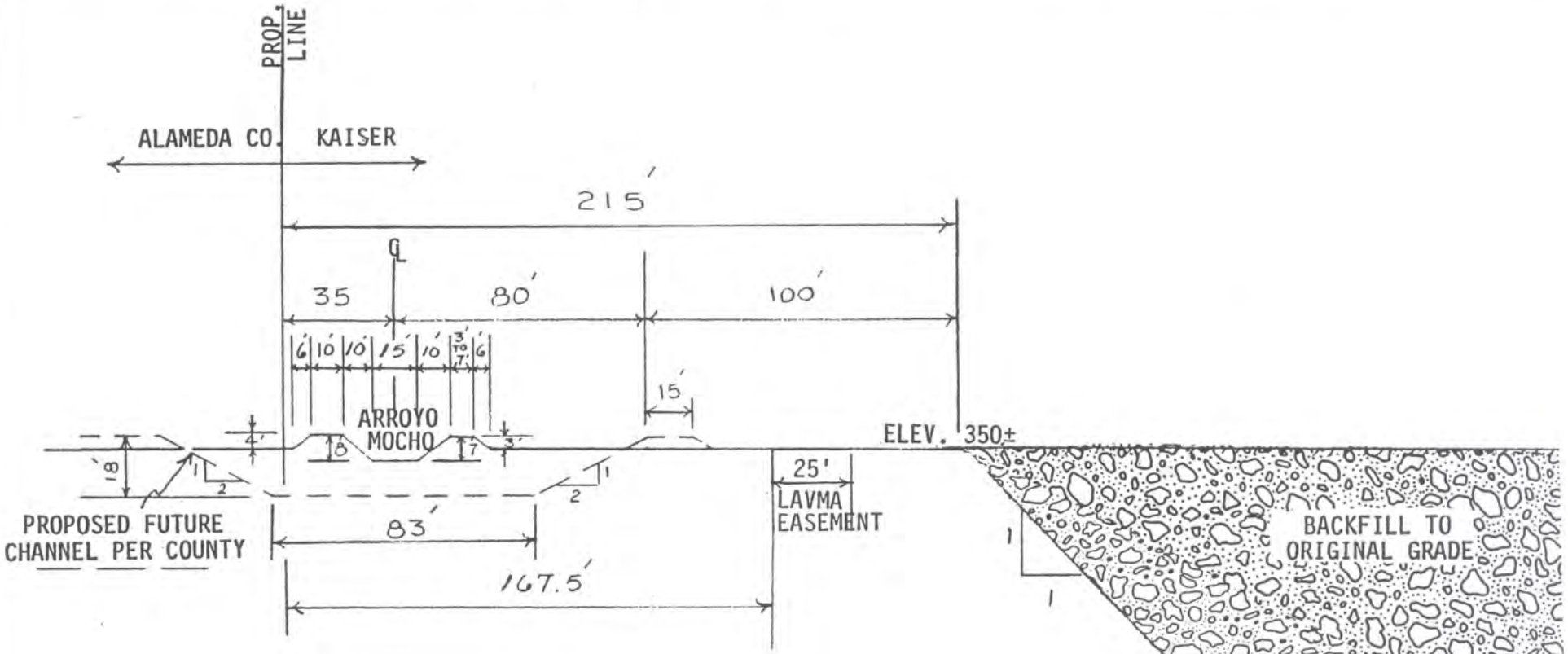


SECTION B-B

SCALE: 1" = 60'

REGISTERED PROFESSIONAL ENGINEER
LAWRENCE W. APPLETON
L W Appleton
No. 36081
Exp 6-30-92
CIVIL
STATE OF CALIFORNIA

KAISER SAND & GRAVEL COMPANY		
RECLAMATION PLAN CROSS SECTIONS		
SCALE: AS SHOWN	DWG. #RP 3	FKS



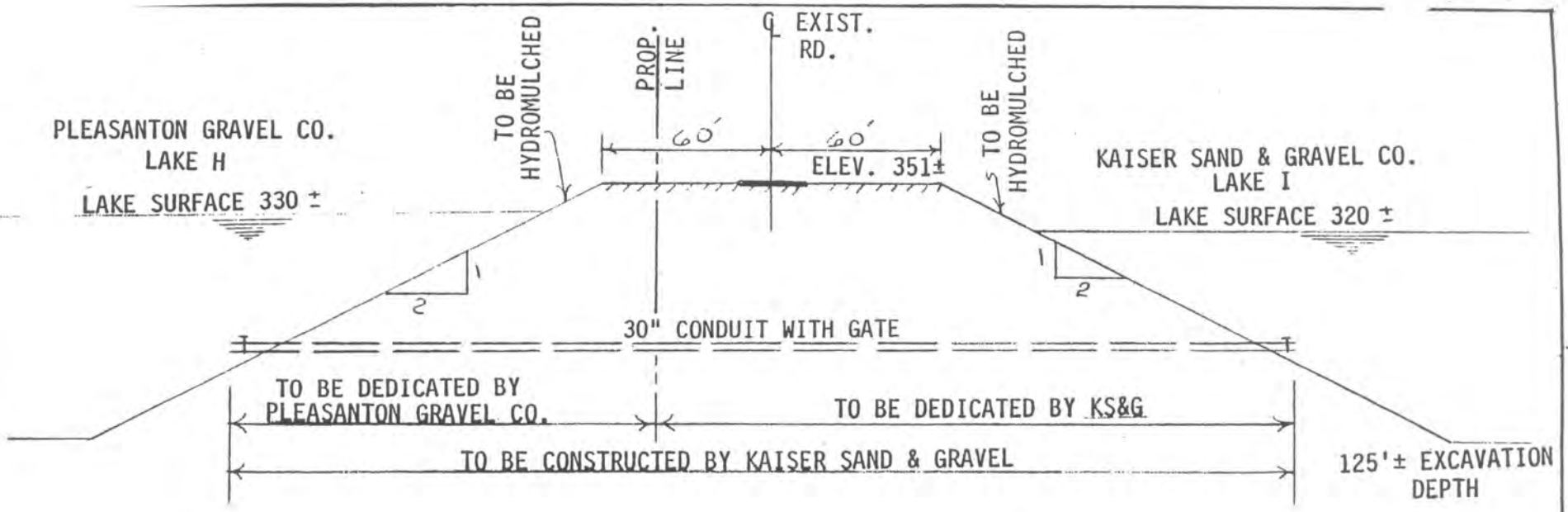
EXISTING ARROYO MOCHO SECTION & PROPOSED FUTURE PLAN BY COUNTY

SECTION C-C

SCALE: 1" = 50'

REGISTERED PROFESSIONAL ENGINEER
LAWRENCE W. APPLETON
L W Appleton
No. 36081
Exp 6-30-92
CIVIL
STATE OF CALIFORNIA

KAISER SAND & GRAVEL COMPANY	
RECLAMATION PLAN	CROSS SECTIONS
SCALE: AS SHOWN	DWG "RP-



SECTION D-D

REGISTERED PROFESSIONAL ENGINEER
LAWRENCE W. APPLETON
L W Appleton
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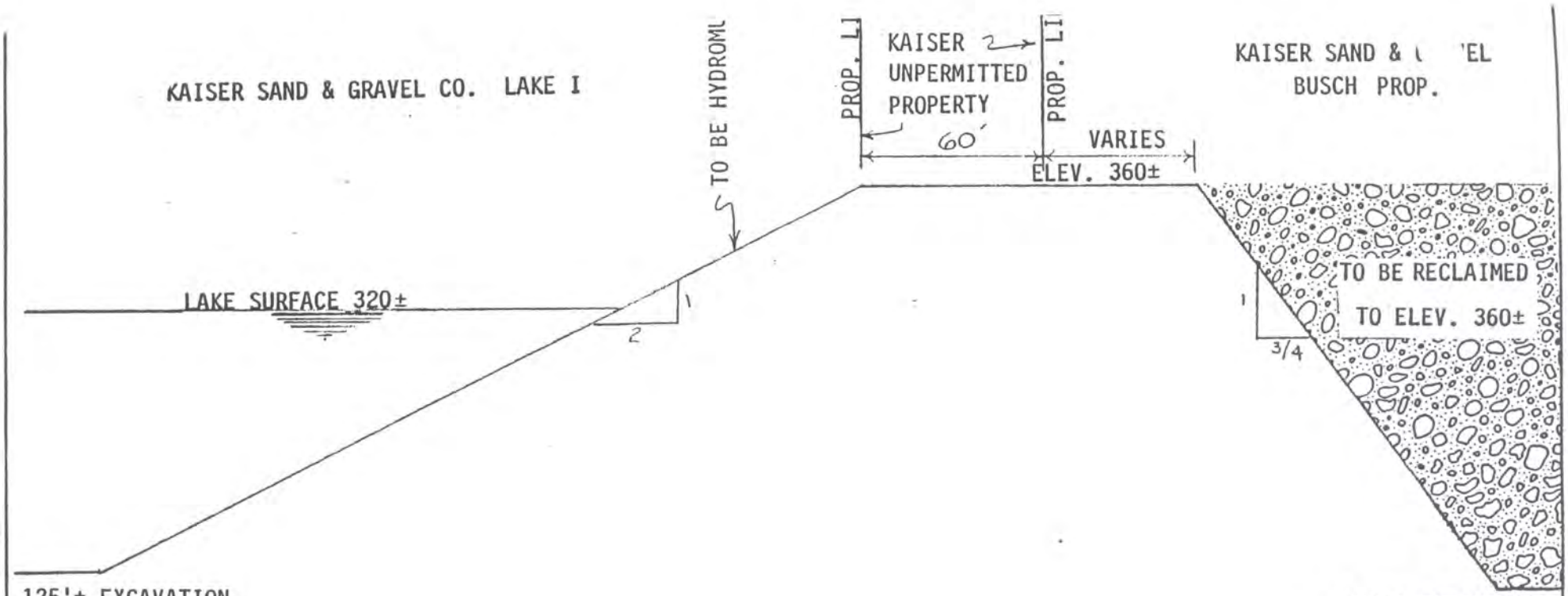
CIVIL
STATE OF CALIFORNIA

KAISER SAND & GRAVEL COMPANY		
RECLAMATION PLAN	CROSS SECTIONS	
SCALE: N.T.S.	DWG. #RP 5	FKS



SECTION F-F

SCALE: 1" = 50'

REGISTERED PROFESSIONAL ENGINEER
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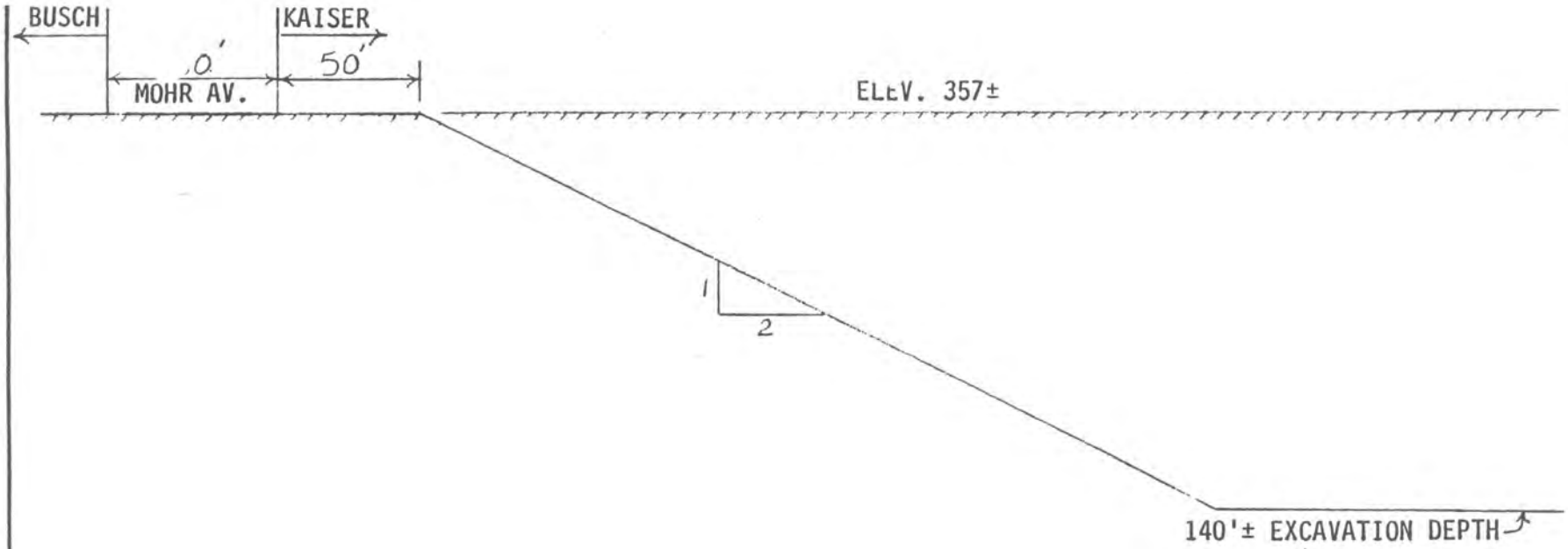
CIVIL
STATE OF CALIFORNIA

KAISER SAND & GRAVEL COMPANY		
RECLAMATION PLAN CROSS SECTIONS		
SCALE: AS SHOWN	DWG. #RP 6	FKS



SECTION G-G

SCALE : 1" = 60'

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LAWRENCE W. APPLETON
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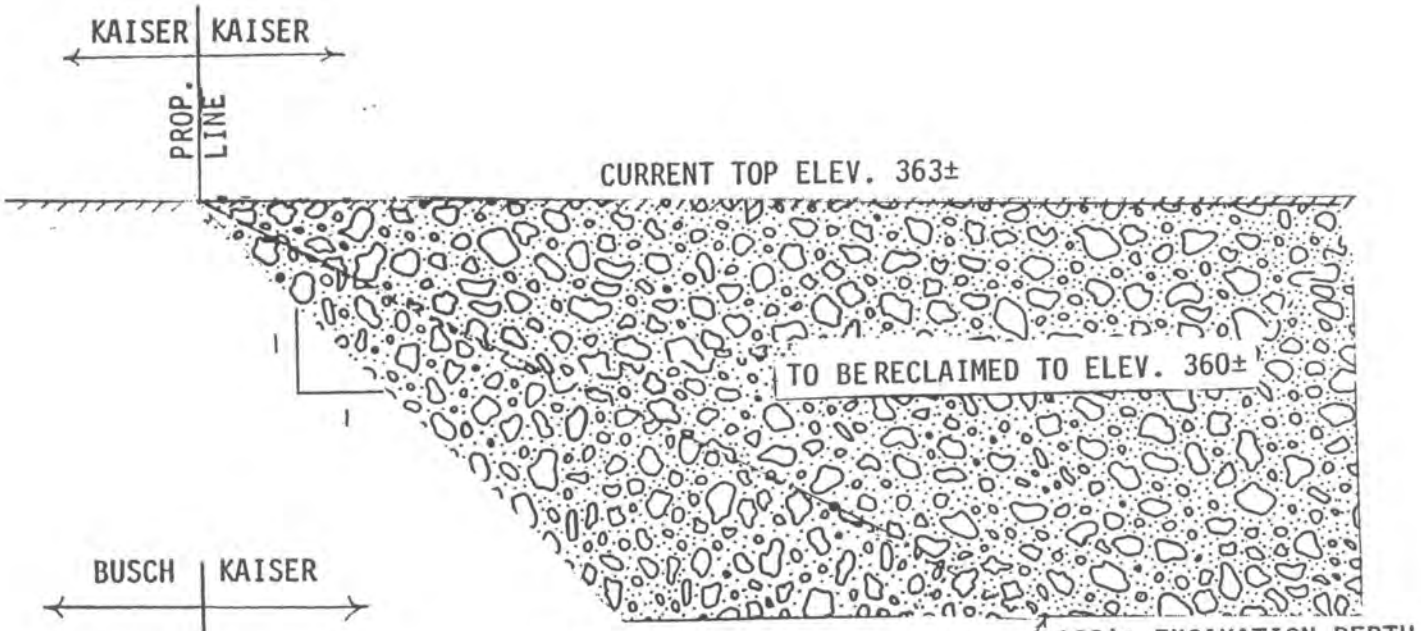
No. 36081
Exp 6-30-92
CIVIL
STATE OF CALIFORNIA

KAISER SAND & GRAVEL COMPANY		
RECLAMATION PLAN CROSS SECTIONS		
SCALE: AS SHOWN	DWG. #RP 7	FKS



SECTION I-I

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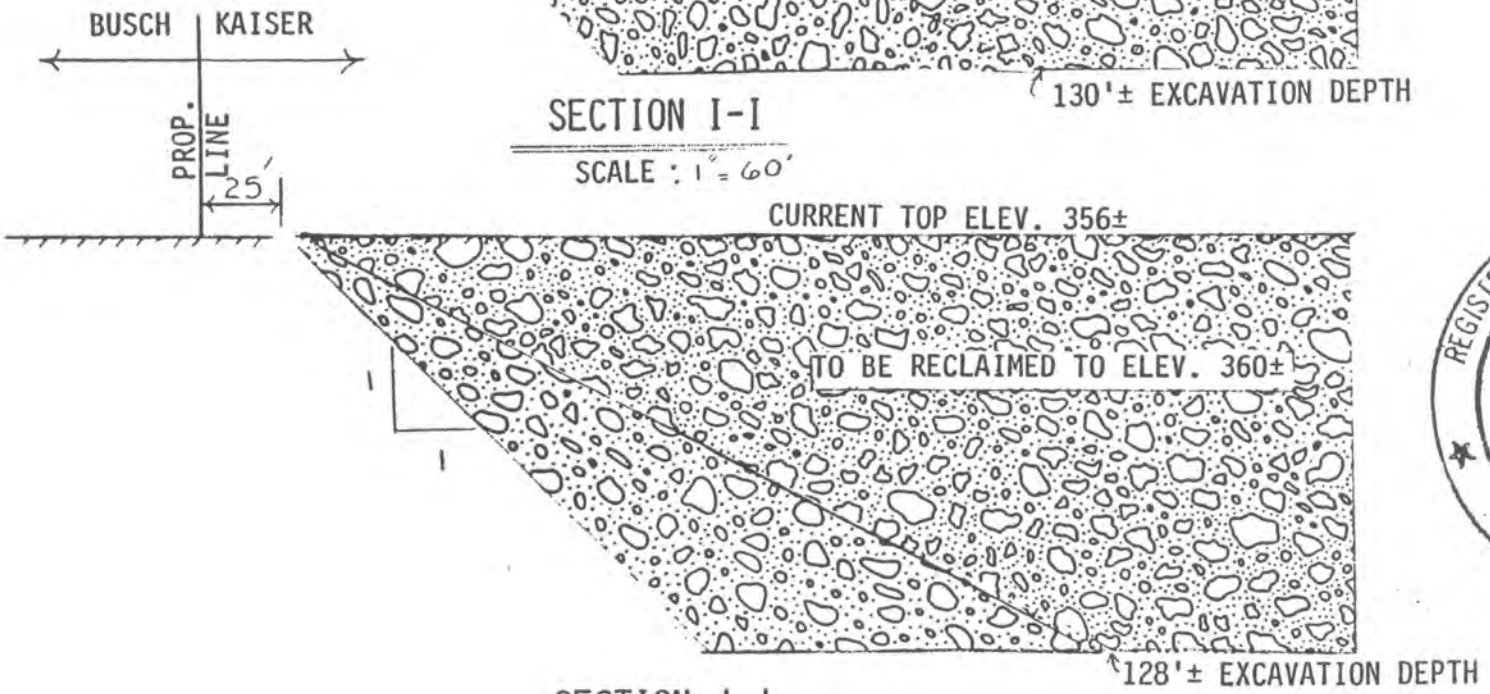

SECTION J-J

SCALE : 1" = 60'

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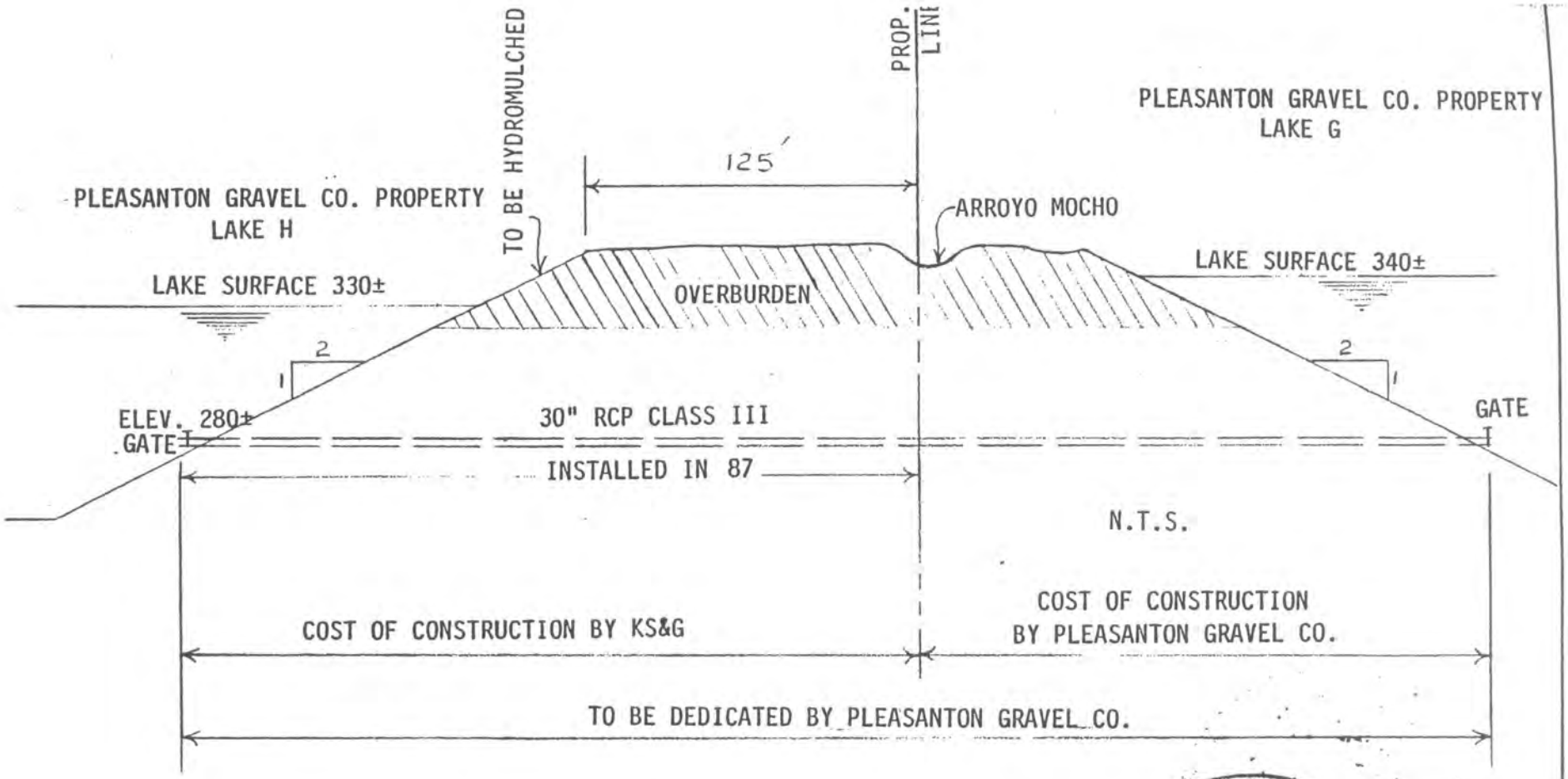
L W Appleton
No. 36081
Exp 6-30-92
CIVIL
STATE OF CALIFORNIA

KAISER SAND & GRAVEL COMPANY		
RECLAMATION PLAN CROSS SECTIONS		
SCALE: AS SHOWN	DWG. #RP8	FKS

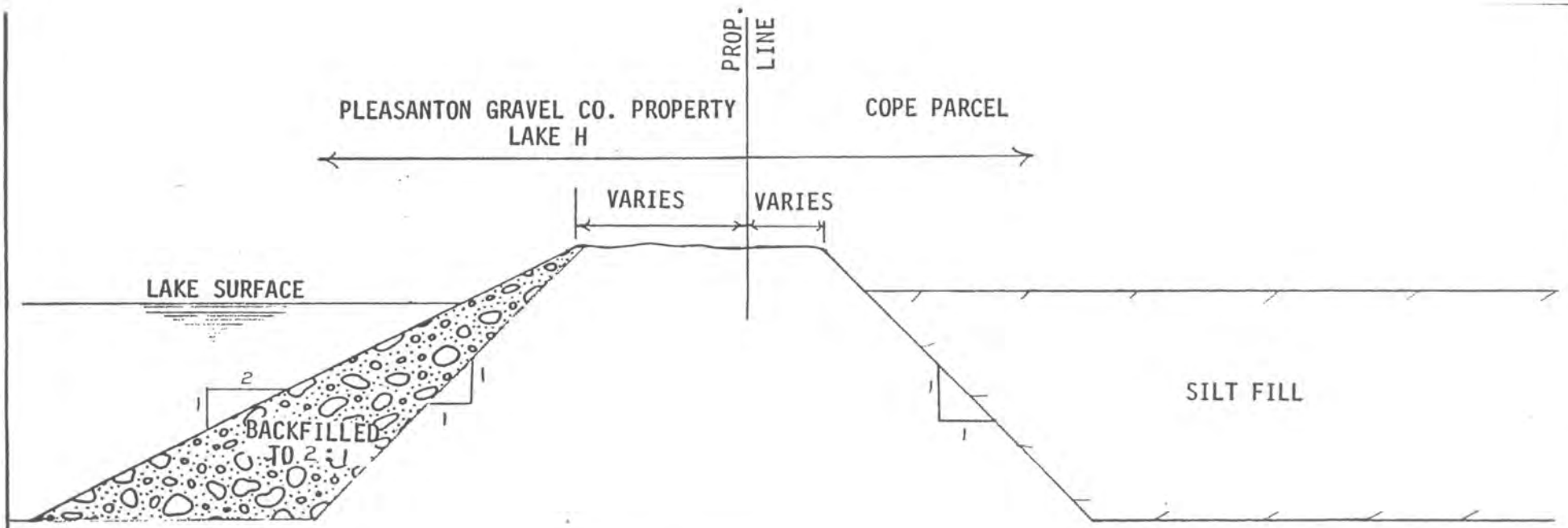


SECTION L-L

SCALE: 1" = 60'

REGISTERED PROFESSIONAL ENGINEER
LAWRENCE W. APPLETON
L W Appleton
No. 36081
Exp 6-30-92
CIVIL
STATE OF CALIFORNIA

KAISER SAND & GRAVEL COMPANY		
RECLAMATION PLAN CROSS SECTIONS		
SCALE: AS SHOWN	DWG. #RP9	FKS



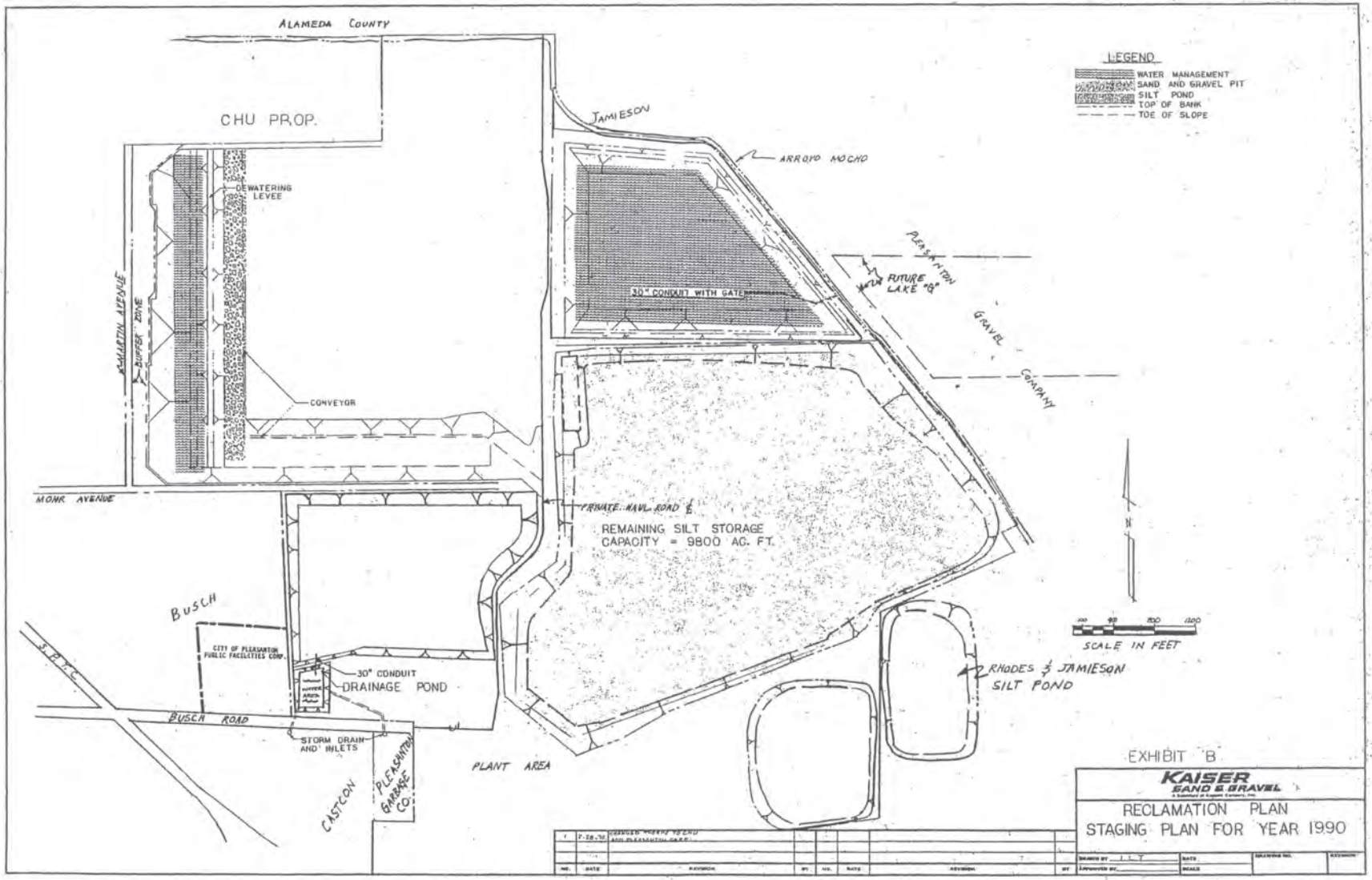
SECTION K-K

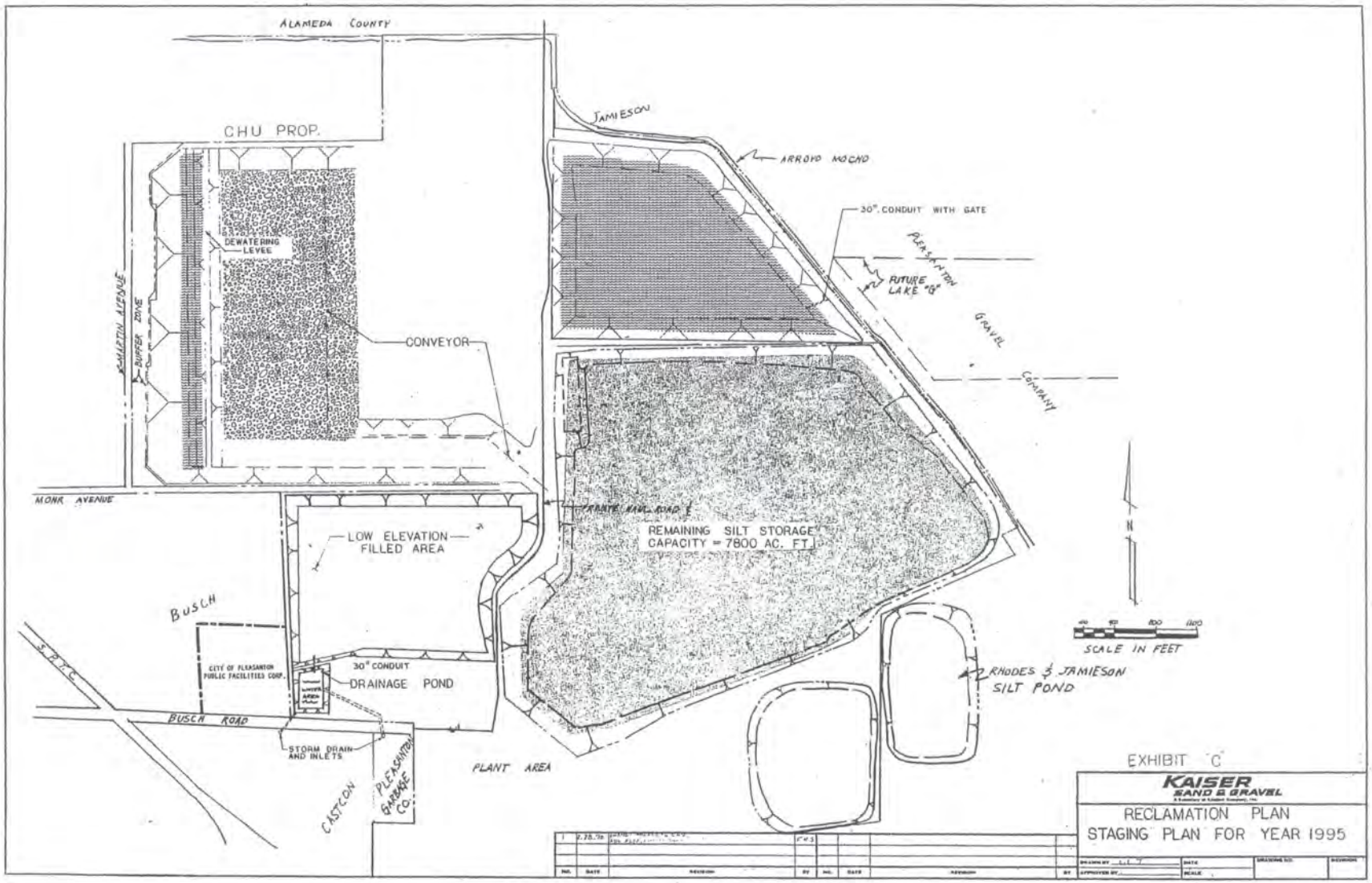
SCALE: 1" = 60'

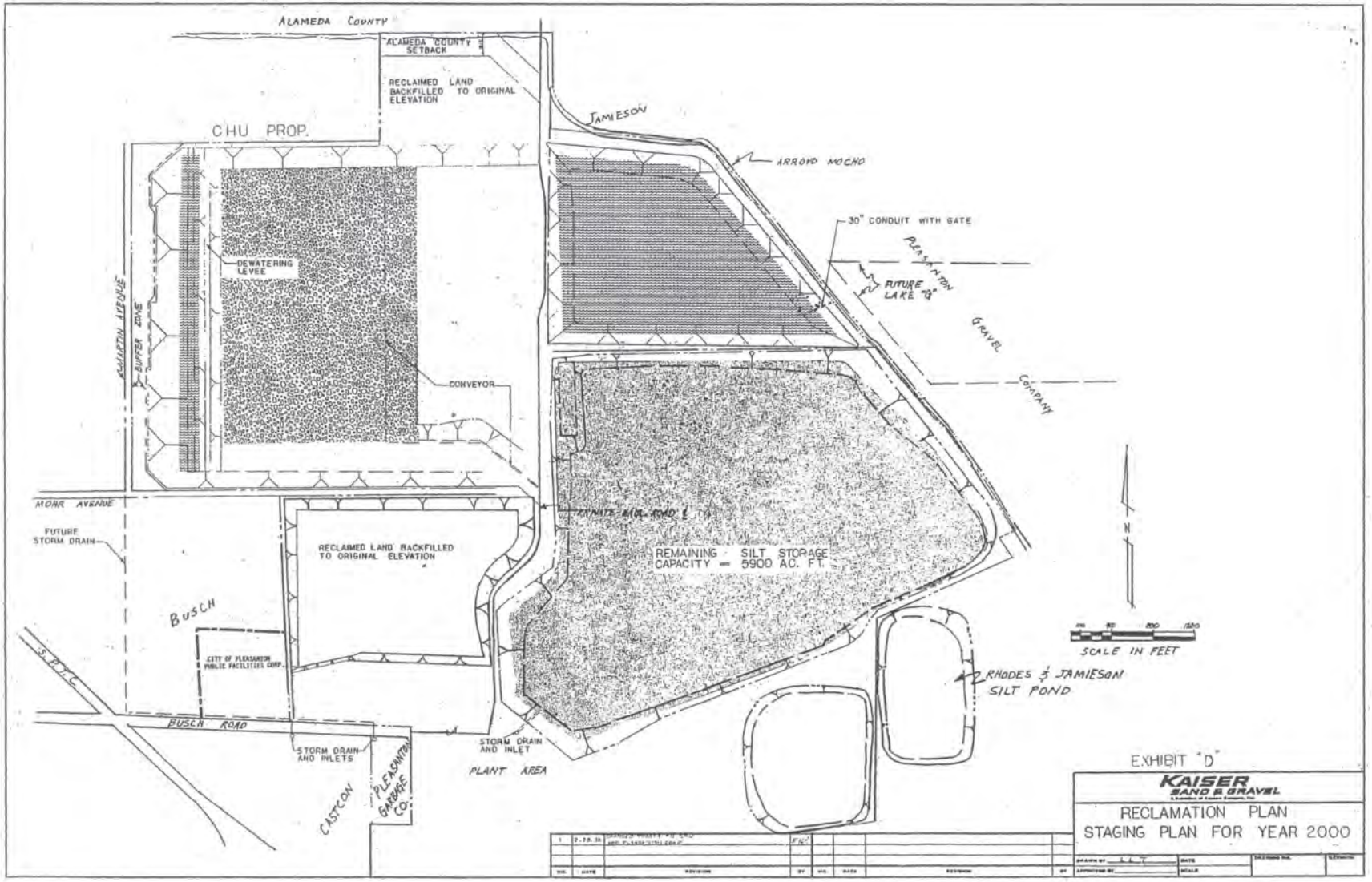
REGISTERED PROFESSIONAL ENGINEER
LAWRENCE W. APPLETON
L W Appleton
No. 36081
Exp 6-30-92
CIVIL
STATE OF CALIFORNIA

KAISER SAND & GRAVEL COMPANY		
RECLAMATION PLAN	CROSS SECTIONS	
SCALE: AS SHOWN	DWG. #RP 10	FKS


ALAMEDA CO.
PLEASANTON GRAVEL CO.
LAKE II
LAKE I
COPE PARCEL
SILT POND
BUSCH PROP.
EXHIBIT "A"
RADUM AGGREGATE PLANT
FOR
KAISER SAND & GRAVEL COMPANY
TOWILL, INC


ALAMEDA COUNTY
CHU PROP.
DEWATERING LEVEE
BUFFER ZONE
KAMERTON AVENUE
CONVEYOR
MOHR AVENUE
JAMIESON
ARROYO MOCHO
30" CONDUIT WITH GATE
PLEASANTON
FUTURE LAKE "B"
GRAVEL COMPANY
PRIVATE HAUL ROAD
REMAINING SILT STORAGE
CAPACITY = 9800 AC. FT.
BUSCH
CITY OF PLEASANTON PUBLIC FACILITIES CORP.
30" CONDUIT
DRAINAGE POND
S.P.R.R.
BUSCH ROAD
STORM DRAIN AND INLETS
CASTLON
PLEASANTON GARBAGE CO.
PLANT AREA
RHODES & JAMIESON SILT POND
LEGEND
WATER MANAGEMENT
SAND AND GRAVEL PIT
SILT POND
TOP OF BANK
TOE OF SLOPE
N
SCALE IN FEET
EXHIBIT "B"
KAISER SAND & GRAVEL
RECLAMATION PLAN
STAGING PLAN FOR YEAR 1990


ALAMEDA COUNTY
CHU PROP.
JAMIESON
ARROYO MOCHO
30" CONDUIT WITH GATE
PLEASANTON
FUTURE LAKE "G"
GRAVEL COMPANY
DEWATERING LEVEE
BUFFER ZONE
ASHLEY AVENUE
CONVEYOR
MONK AVENUE
LOW ELEVATION FILLED AREA
REMAINING SILT STORAGE CAPACITY = 7800 AC. FT.
N
SCALE IN FEET
BUSCH
CITY OF PLEASANTON PUBLIC FACILITIES CORP.
30" CONDUIT
DRAINAGE POND
RHODES & JAMIESON SILT POND
BUSCH ROAD
STORM DRAIN AND INLETS
PLANT AREA
CASTLON
PLEASANTON GARBAGE CO.
EXHIBIT "C"
KAISER SAND & GRAVEL
RECLAMATION PLAN
STAGING PLAN FOR YEAR 1995


ALAMEDA COUNTY
ALAMEDA COUNTY SETBACK
RECLAIMED LAND BACKFILLED TO ORIGINAL ELEVATION
CHU PROP.
JAMIESON
ARROYO MOCHO
30" CONDUIT WITH GATE
PLEASANTON GRAVEL COMPANY
FUTURE LAKE
DEWATERING LEVEE
BUFFER ZONE
KAMERTON AVENUE
CONVEYOR
MOAR AVENUE
FUTURE STORM DRAIN
RECLAIMED LAND BACKFILLED TO ORIGINAL ELEVATION
REMAINING SILT STORAGE CAPACITY = 5900 AC. FT.
BUSCH
CITY OF PLEASANTON PUBLIC FACILITIES CORP.
BUSCH ROAD
STORM DRAIN AND INLETS
STORM DRAIN AND INLET
PLANT AREA
CASTLON
PLEASANTON GARBAGE CO.
RHODES & JAMIESON SILT POND
N
SCALE IN FEET
EXHIBIT "D"
KAISER SAND & GRAVEL
RECLAMATION PLAN
STAGING PLAN FOR YEAR 2000


ALAMEDA COUNTY SETBACK
AREA "A"
TURNOUT
2:1 CUT SLOPE
2:1 FILL SLOPE
2:1 CUT SLOPES
ARROYO MOCHO
LAKE "H"
LEVEE TO BE COVERED BY WATER-ELEV. 290
LAKE "I"
30" CONDUIT WITH GATE CONNECTING LAKES "G" AND "H"
LAKE "G"
2:1 FILL SLOPE
2:1 CUT SLOPE
TO BE DEDICATED TO ZONE 7 FOR WATER MANAGEMENT
2:1 CUT SLOPE
2:1 FILL SLOPE
AREA "B"
AREA "D"
SECTION (A)
EXHIBIT "F"
RECLAIMED LAND
FUTURE LAKE
TOPOGRAPHIC MAP OF
FINAL LAND FORM
RADUM PLANT
RECLAMATION PLAN
FOR
KAISER SAND & GRAVEL COMPANY