

GRADING NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF YORBA LINDA SPECIFICATIONS AND ANY SPECIAL REQUIREMENTS OF THE CITY ENGINEER.
2. NO GRADING SHALL BE STARTED WITHOUT FIRST NOTIFYING THE CITY ENGINEER. MEETING AT THE SITE IS REQUIRED BEFORE START OF GRADING. OWNER, GRADING CONTRACTOR, DESIGN CIVIL ENGINEER, SOIL INSPECTORS OR THEIR REPRESENTATIVES, AND WHEN REQUIRED THE PERMITTEE OR HIS AGENT SHALL NOTIFY THE BUILDING DEPARTMENT. IS READY FOR EACH OF THE FOLLOWING INSPECTIONS:
 - A. INITIAL INSPECTION. WHEN THE PERMITTEE IS READY TO START GRADING.
 - B. TOE INSPECTION. AFTER THE NATURAL GROUND OR BEDROCK IS EXPOSED, BUT BEFORE FILL IS PLACED.
 - C. EXCAVATION INSPECTION. AFTER THE EXCAVATION IS STARTED, BUT BEFORE FILL IS PLACED.
 - D. FILL INSPECTION. AFTER THE FILL PLACEMENT IS STARTED, BUT BEFORE FILL EXCEEDS TEN FEET.
 - E. DRAINAGE DEVICE INSPECTION. AFTER FORMING OF TERRACE, BUT BEFORE ANY CONCRETE IS PLACED, BUT BEFORE ANY CONCRETE IS PLACED.
 - F. ROUGH GRADING. WHEN ALL ROUGH GRADING HAS BEEN COMPLETED, BUT BEFORE ANY FINISH GRADING IS STARTED.
 - G. FINAL. WHEN ALL WORK, INCLUDING INSTALLATION OF ALL PROTECTIVE DEVICES HAS BEEN COMPLETED AND THE AS-GRADED SURFACE HAS BEEN SUBMITTED TO THE CITY ENGINEER FOR APPROVAL.
4. CUT SLOPES SHALL BE NO STEEPER THAN 2 HORIZONTAL TO 1 VERTICAL.
5. FILL SLOPES SHALL BE NO STEEPER THAN 2 HORIZONTAL TO 1 VERTICAL.
6. FILLS SHALL BE COMPACTED THROUGHOUT TO A MINIMUM OF 90% COMPACTION. AS DETERMINED BY UNIFORM BUILDING CODE STANDARD NO. 19.01.01.
7. AREAS TO RECEIVE FILL SHALL BE PROPERLY PREPARED AND A MINIMUM OF 90% COMPACTION SHALL BE OBTAINED PRIOR TO PLACING OF FILL.
8. FILLS SHALL BE BENCHED INTO COMPETENT MATERIAL AS PER CITY ENGINEER'S REQUIREMENTS.
9. ALL EXISTING FILLS SHALL BE APPROVED BY THE CITY ENGINEER BEFORE ANY ADDITIONAL FILLS ARE ADDED.*
10. THE EXISTING IRRIGATION LINES AND CISTERNS SHALL BE RELOCATED, BACKFILLED, AND APPROVED BY THE CITY ENGINEER AND THE CITY ENGINEER SHALL BE NOTIFIED PRIOR TO ANY WORK.

LINDA GRADING ORDINANCE,
 THE PERMIT. A PRE-GRADING
 WITH THE FOLLOWING PEOPLE PRESENT:
 S ENGINEER, GEOLOGIST, COUNTY GRADING
 THE ARCHAEOLOGIST AND PALEONTOLOGIST.
 OFFICIAL WHEN THE GRADING OPERATION

TO BEGIN WORK, BUT NOT LESS THAN TWO
 ROCK IS EXPOSED AND PREPARED TO RECEIVE
 PARTED, BUT BEFORE THE VERTICAL DEPTH
 RTED, BUT BEFORE THE VERTICAL HEIGHT

FACE DRAINS, DOWNDRAINS OR AFTER
 CRETE IS PLACED OR FILTER MATERIAL.
 COMPLETED. THIS INSPECTION MAY BE
 OUT THE NECESSITY OF THE BUILDING
 THE REPORTS.

ALL DRAINAGE STRUCTURES AND OTHER
 GRADED PLAN, PROFESSIONAL CERTIFI-
 ED.

1 VERTICAL.

1 VERTICAL AND SHALL HAVE NOT

% DENSITY.

70-1 AND CERTIFIED BY SOILS ENGINEER

APPROVED BY THE CITY INSPECTOR

DETAIL ON PLAN.

NEED OR REMOVED BEFORE ANY

MOVED, OR CRUSHED IN PLACE AND
 SOILS ENGINEER.

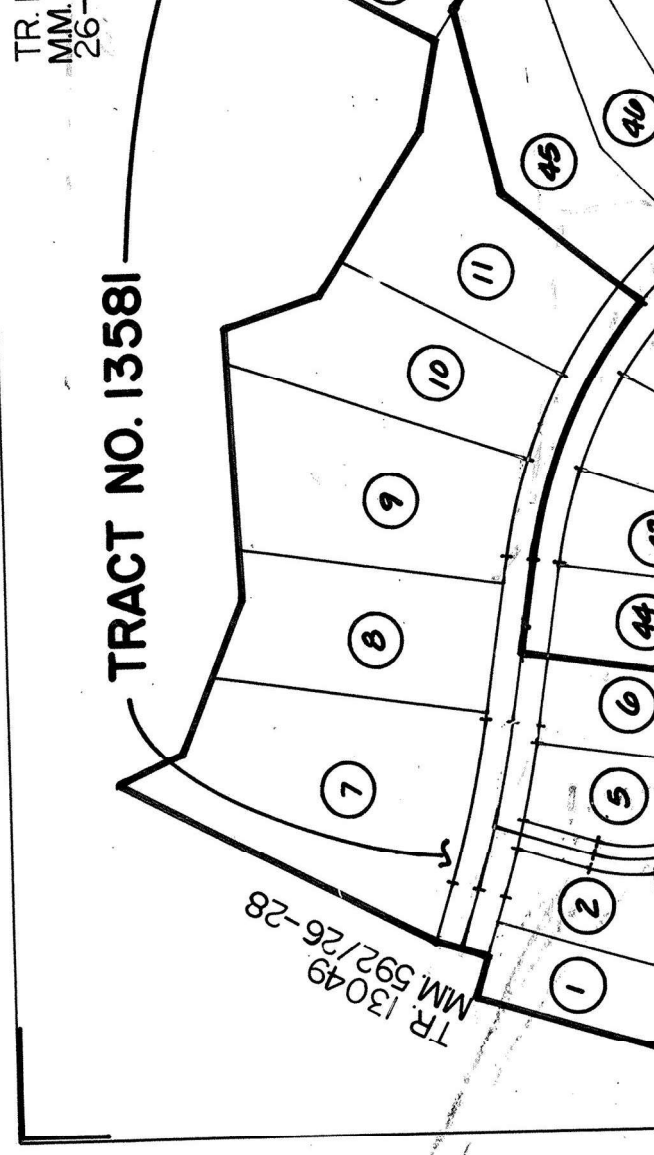
ROUGH

TRACT N

IN THE CITY OF YORB

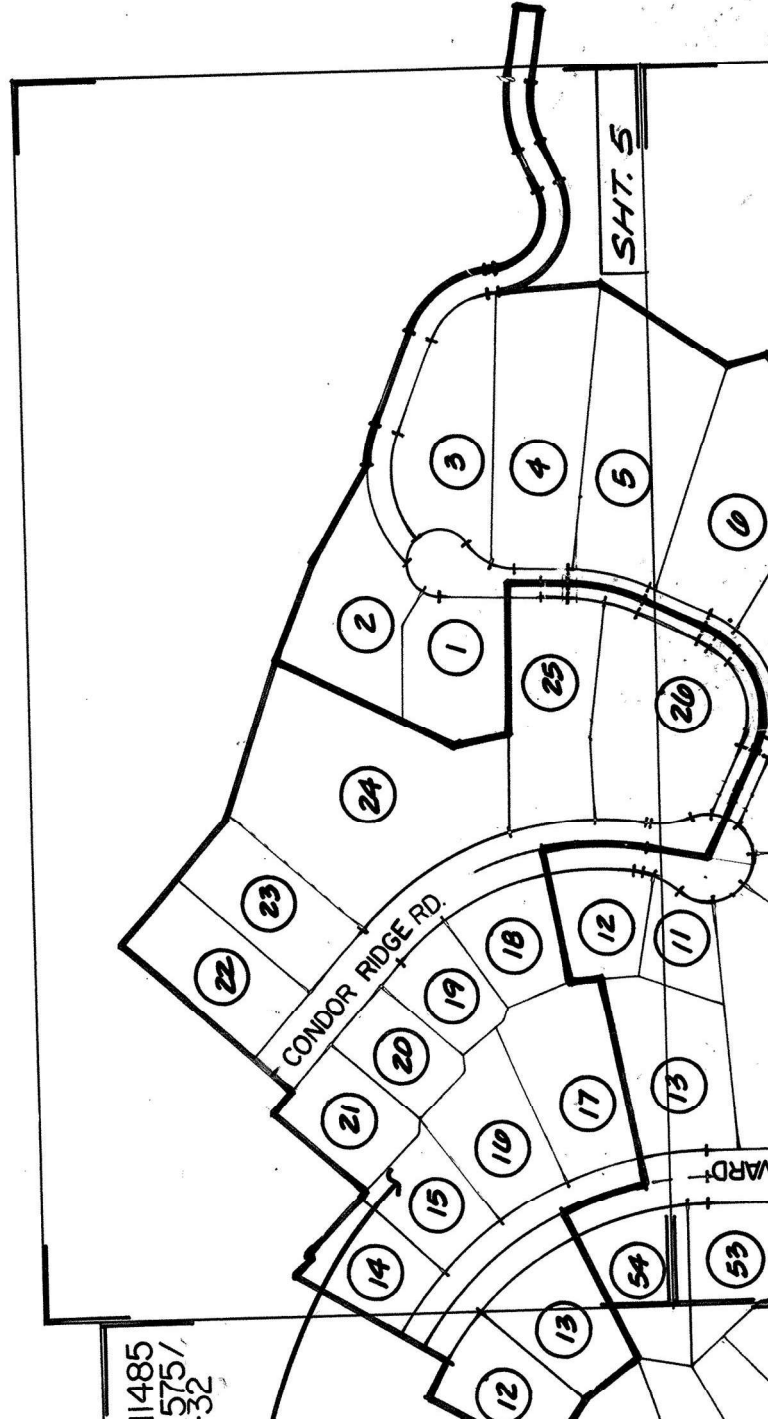
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MM.
26-

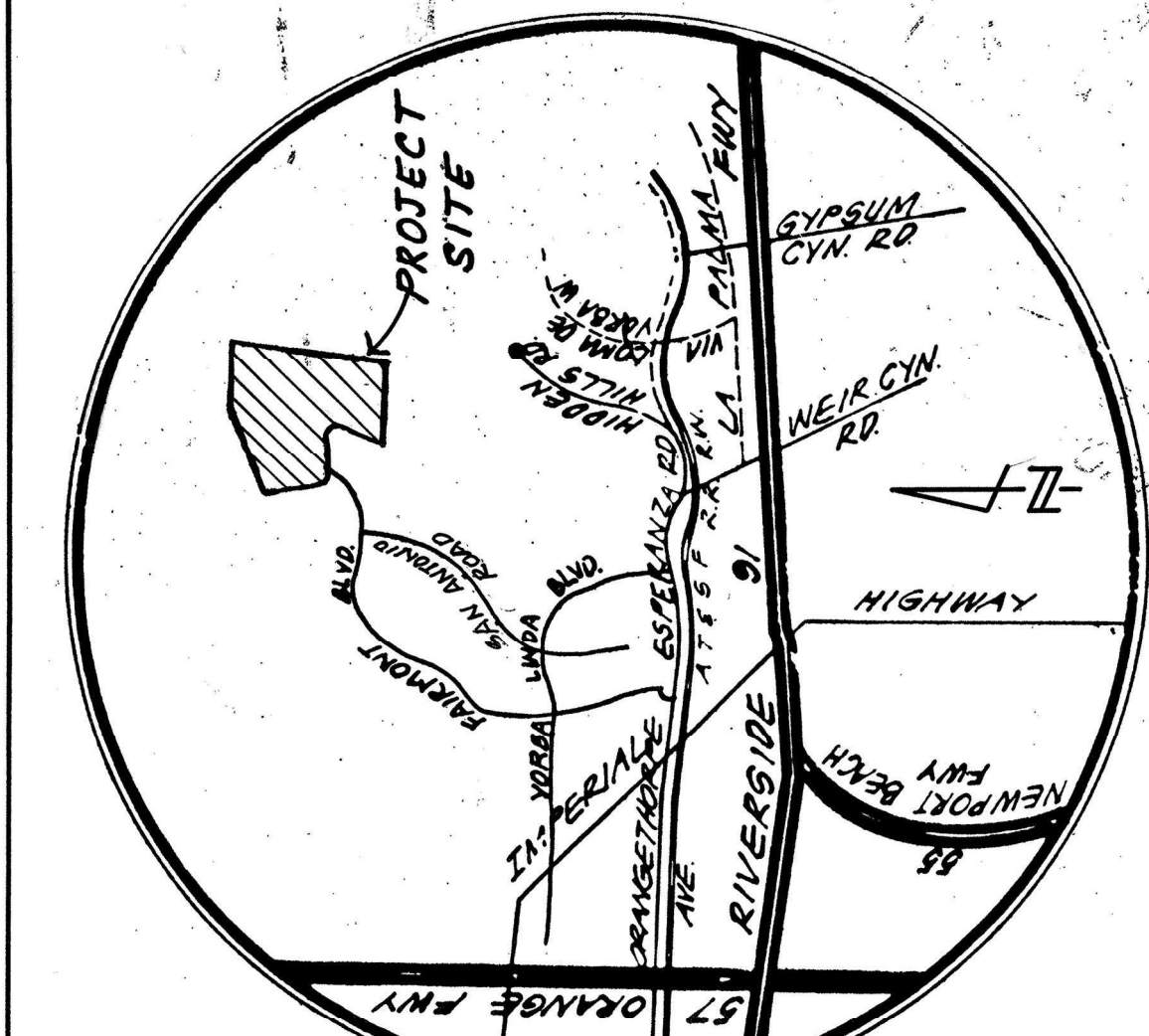
TRACT NO. 13581



13581

A LINDA. COUNTY OF ORANGE, STATE OF CALIFORNIA





VICINITY MAP

11. THE STOCKPILING OF EXCESS MATERIAL SHALL BE APPROVED BY EXCAVATION.
12. THE DESIGN CIVIL ENGINEER, PRIOR TO ROUGH GRADE APPROVAL, SHALL SET A BLUE TOP PER LOT, SET AT THE HIGHEST POINT IN THE FINISHED GRADE OF THE FLOOR SHALL ALSO BE PROVIDED TO INSURE PROPER COMPARISON OF THESE ELEVATIONS SHALL BE NOTED ON THE BUILDING PLANS.
13. ALL TRENCH BACKFILLS SHALL BE TESTED AND CERTIFIED BY THE GRADING CODE.
14. THE ENGINEERING GEOLOGIST AND SOILS ENGINEER SHALL, AFTER THE PLACEMENT OF FILL IN CANYONS, INSPECT EACH CANYON FOR DETERMINE THE PRESENCE OR ABSENCE OF SUBSURFACE WATER. THE PLACEMENT WILL BE DESIGNED AND CONSTRUCTED PRIOR TO THE PLACEMENT OF SUBDRAIN OUTLETS SHALL BE COMPLETED AT THE BEGINNING OF THE GRADING.
15. THE EXACT LOCATION OF THE SUBDRAINS SHALL BE SURVEYED AND A RECORD DRAWN.
16. ALL CUT SLOPES SHALL BE INVESTIGATED BOTH DURING AND AFTER THE GRADING TO DETERMINE IF ANY SLOPE STABILITY PROBLEM EXISTS. THE ENGINEERING GEOLOGIST TO DETERMINE ANY GEOLOGICAL HAZARDS OR POTENTIAL GEOLOGICAL HAZARDS AND RECOMMEND NECESSARY TREATMENT TO THE BUILDING OFFICIAL.
17. WHERE SUPPORT OR BUTTRESSING OF CUT AND NATURAL SLOPES IS REQUIRED, THE ENGINEERING GEOLOGIST AND SOILS ENGINEER, THE SOILS ENGINEER, SHALL LOCATIONS AND CALCULATIONS TO THE BUILDING OFFICIAL PRIOR TO THE GRADING. THE ENGINEERING GEOLOGIST AND SOILS ENGINEER WILL INSPECT AND CONTROL THE GRADING AND CERTIFY TO THE STABILITY OF THE SLOPE AND ADJACENT AREAS.
18. WHEN CUT PADS ARE BROUGHT TO NEAR GRADE THE ENGINEERING GEOLOGIST SHALL INSPECT THE BEDROCK IS EXTENSIVELY FRACTURED OR FAULTED AND WILL RECOMMEND NECESSARY BY THE ENGINEERING GEOLOGIST AND SOILS ENGINEER TO BE PLACED.
19. THE ENGINEERING GEOLOGIST SHALL PERFORM PERIODIC INSPECTIONS OF THE GRADING AND MAP UPON COMPLETION OF THE ROUGH GRADING.
20. THE FINAL COMPACTION REPORT AND APPROVAL FROM THE SOILS ENGINEER SHALL BE IDENTIFIED. EACH TEST SHALL BE IDENTIFIED IN-PLACE DENSITY, WHETHER SAND CONE OR DRIVE RING AND IN-PLACE DENSITY. SUFFICIENT MAXIMUM DENSITY DETERMINATIONS SHALL BE PERFORMED BY THE FIELD TECHNICIAN.
21. MAXIMUM DENSITY CURVES USED BY THE FIELD TECHNICIAN.
22. THE SOILS ENGINEER AND ENGINEERING GEOLOGIST SHALL EXERCISE SUFFICIENT SURVEILLANCE DURING GRADING TO INSURE COMPLIANCE WITH THE PLANS, SPECIFICATIONS AND PURVIEW.
23. THE DESIGN CIVIL ENGINEER SHALL EXERCISE SUFFICIENT SURVEILLANCE DURING CONSTRUCTION TO INSURE COMPLIANCE WITH THE PLANS, SPECIFICATIONS AND PURVIEW.
24. DUST SHALL BE CONTROLLED BY WATERING.
25. SANITARY FACILITIES SHALL BE MAINTAINED ON THE SITE.
26. THE LOCATION AND PROTECTION OF ALL UTILITIES IS THE RESPONSIBILITY OF THE GRADING CONTRACTOR.
27. APPROVED PROTECTIVE MEASURES AND TEMPORARY DRAINAGE PRIOR TO THE GRADING SHALL BE MAINTAINED DURING THE GRADING PROJECT.
28. THE WATER WELLS SHALL BE ABANDONED IN COMPLIANCE WITH THE BUILDING OFFICIAL AND APPROVED BY THE SPECIAL SERVICES ENGINEER.
29. THE OIL WELLS SHALL BE ABANDONED IN COMPLIANCE WITH THE BUILDING OFFICIAL AND APPROVED BY THE SPECIAL SERVICES ENGINEER.
30. THE EXISTING CESSPOOLS AND SEPTIC TANKS SHALL BE ABANDONED IN COMPLIANCE WITH THE BUILDING OFFICIAL AND APPROVED BY THE SPECIAL SERVICES ENGINEER.

BY THE CITY ENGINEER PRIOR TO

AL, SHALL PROVIDE A MINIMUM OF ONE
SHED DRAINAGE SWALE. THE ELEVATION
LEARNANCE AND FALL TO DRAINAGE SWALE.

THE SITE SOILS ENGINEER PER THE

FTER CLEARING AND PRIOR TO THE
AREAS OF ADVERSE STABILITY AND TO
OR SPRING FLOW. IF NEEDED, DRAINS
T OF FILL IN EACH RESPECTIVE CANYON.

F THE SUBRAIN CONSTRUCTION.
IN THE FIELD FOR LINE AND GRADE.
FTER GRADING BY AN ENGINEERING
EXISTS. SHOULD EXCAVATION DISCLOSE
, THE ENGINEERING GEOLOGIST SHALL
FOR APPROVAL.

IS DETERMINED TO BE NECESSARY BY
S ENGINEER WILL SUBMIT DESIGN,
IOR TO CONSTRUCTION. THE ENGINEERING
THE CONSTRUCTION OF THE BUTTRESSING
STRUCTURES UPON COMPLETION.

G GEOLOGIST SHALL DETERMINE IF THE
EADILY TRANSMIT WATER. IF CONSIDERED
EER, A COMPACTED FILL BLANKET WILL

CTIONS AND SUBMIT A COMPLETE REPORT

S ENGINEER SHALL CONTAIN THE TYPE OF
D WITH THE METHOD OF OBTAINING THE
SHALL BE SO NOTED FOR EACH TEST.

FORMED TO VERIFY THE ACCURACY OF THE

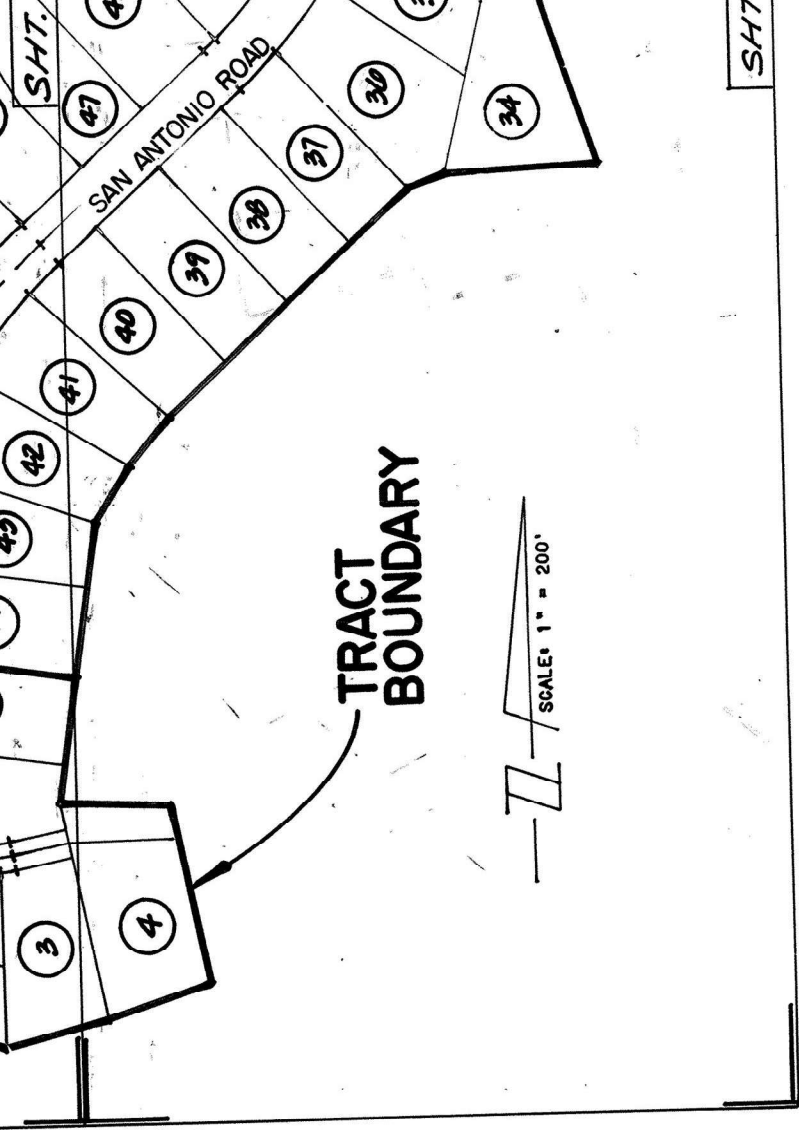
RCISE SUFFICIENT SUPERVISORY CONTROL
ECIFICATIONS, AND CODE WITHIN THEIR

PERVISORY CONTROL DURING GRADING AND
IFICATIONS, AND CODE WITHIN HIS

SPONSIBILITY OF THE PERMITTEE.
PROVISIONS MUST BE USED TO PROTECT

THE SPECIFICATIONS APPROVED BY THE
SECTION OF E.M.A. REGULATION.
E ORANGE COUNTY OIL CODE TO THE
ULATION.

ONED IN COMPLIANCE WITH THE
CES SECTION OF E.M.A. REGULATION.

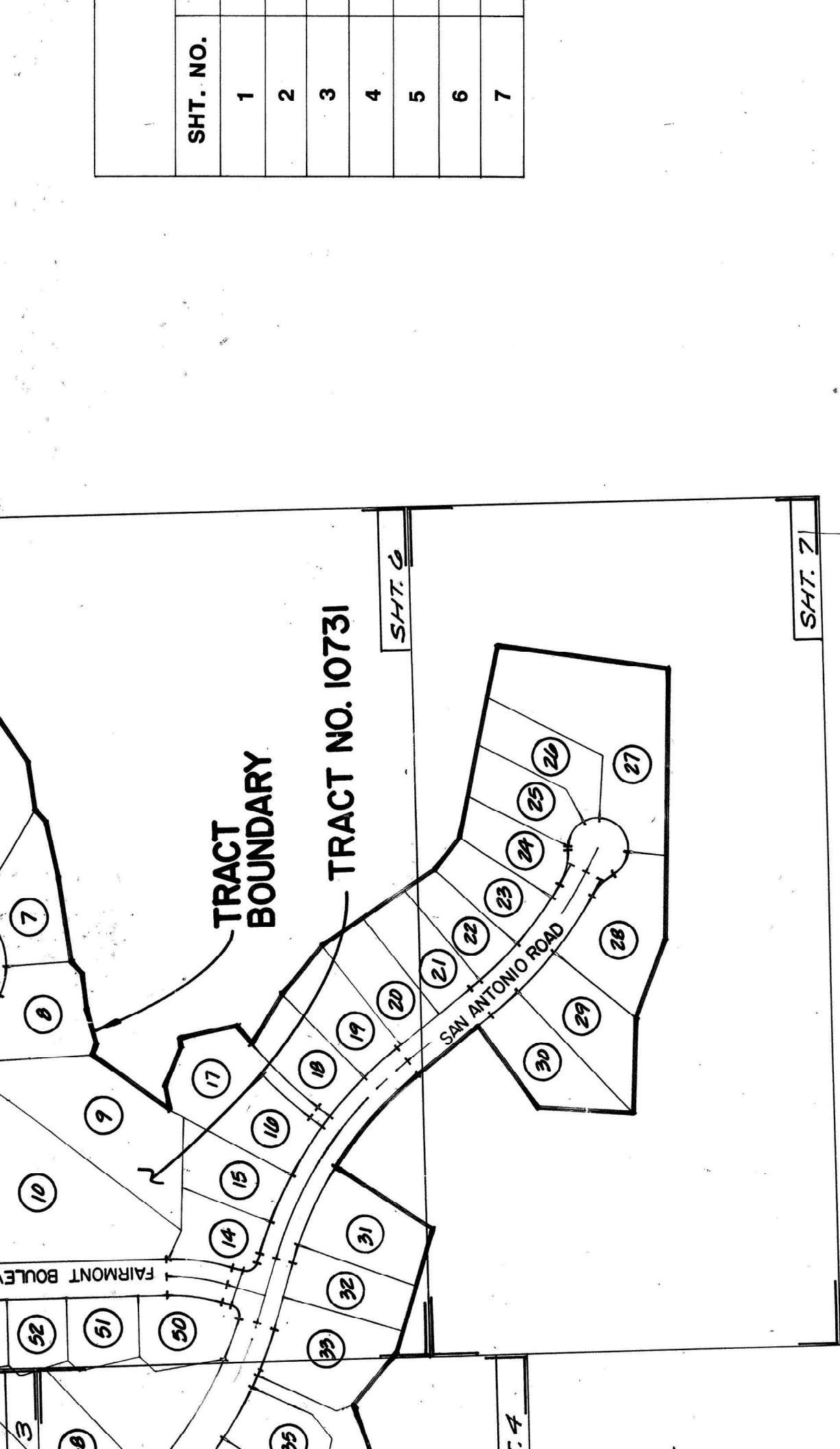


INDEX MAP

SCALE: 1" = 200'

PRIVATE DRIVE QUANTITIES

ROLLED C&G	1288 LF
3" AC OVER 6" AB	34800 SF



SHT. NO.
1
2
3
4
5
6
7

EARTHWORK QUANTITIES

	<u>CUT</u>	<u>FILL</u>
RAW CUT:	1,183,863 C.Y.	RAW FILL: 1,165,165 C.Y.
STREET, DRWY. & FRONTYARD UNDERCUT:	3,609 C.Y.	-5,010 C.Y.
BULK 3"		

950
2:1

INDEX OF DRAWINGS

DESCRIPTION
VICINITY MAP, INDEX MAP, BENCH MARK, AND GRADING NOTES.
MISCELLANEOUS DETAILS
ROUGH GRADING PLAN, SCALE: 1"=40'
ROUGH GRADING PLAN, SCALE: 1"=40'
ROUGH GRADING PLAN, SCALE: 1"=40'
ROUGH GRADING PLAN, SCALE: 1"=40'
ROUGH GRADING PLAN, SCALE: 1"=40'

LEGEND :

PROPERTY LINE OR RIGHT OF WAY

PROPOSED CONTOUR LINE

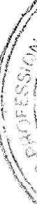
RETAINING WALL

SLOPE BANK

DIRECTION OF FLOW

 STABILIZATION FILL

 CANYON SUBDRAIN



31. PRIOR TO FINAL APPROVAL, THE DESIGN CIVIL ENGINEER SHALL THE NUMBER OF YARDS OF CUT, FILL AND IMPORT MOVED DURING THE PERMITTEE SHALL COMPLY WITH THE GRADING CODE REQUIREMENTS. YARDS OF EARTH IS MOVED ON PUBLIC ROADWAYS FROM THE SITE.
- * FILL AREAS SHALL BE CLEANED OF ALL VEGETATION AND DEBRIS INSPECTED BY THE CITY INSPECTOR AND THE SOIL TESTING AREA SHALL BE PREPARED BY "PACIFIC SOILS ENGINEERING, INC." (D)

CONSTRUCTION NOTES (CONT'D)

- 11- CONSTRUCT INTERCEPTOR DRAIN INLET /
- 12- INSTALL RETAINMENT WALL PER DETAIL ON SHT. 6 REMOVE & REPLACE 8" SUBDRAIN 8" SUBDRAIN 6" SUBDRAIN
- 13- INSTALL 12" AREA DRAIN PER DETAIL 4 ON SHT. 2 8" SUBDRAIN 6" SUBDRAIN
- 14- CONSTRUCT CONCRETE DITCH PER DETAIL ON

NOTE: ALL RETAINING WALLS AND CRIB WALLS SHOWN ON

CONTRACTORS, ATTENTION!

Grades are given from top of stakes and nails unless otherwise noted herein. In the case of a pipe or flume, grades given refer to the height of the bottom of the invert or inside bottom.

Contractors are cautioned to observe the following rule in using the grade stakes given by this office for putting in curbs, walks, sewers, flumes and all other work. Three consecutive points that are shown to be on the same rate of slope must be used in common in order that any variation out of a perfect straight grade may be detected, and in case any such discrepancy is found, the same must be reported. Otherwise this office will not be responsible for any error in the grade of the finished work. In any case; all stakes, nails, etc., void in three (3) days.

BENCH MARK: 0.6 S.B.M 2A-36-70
IN THE SW. PART OF THE INTERSECTION OF
YORBA LINDA BLVD. & OHIO ST. TO THE S., 38.5'
W. OF THE E. OF THE ST., 50' N. ALONG THE
PROLONGATION OF THE W. CURB OF THE ST.
FROM THE SSW CURB RETURN, SET IN THE TOP,
1.5' S.E. OF THE NW END OF CONC. HEADWALL OF
A CULVERT UNDER THE ST., MARKED BY MILE POST
10.00 & ABOUT 3' LOWER THAN THE SIDEWALK.
ELEV. 429.005 (1976 ADJ.)

SOILS ENGINEER
PACIFIC
17909 FITCH
IRVINE, CALIF.
92714-6097
DATE OF REPORT
10-20-88

ALL CERTIFY TO THE BUILDING OFFICIAL
ING THE GRADING OPERATION.
REMENTS WHEN AN EXCESS OF 5,000 CUBIC
TE OF AN EARTH GRADING OPERATION.
US, SCARIFIED TO A DEPTH OF 12" AND
ENCY PRIOR TO THE PLACING OF FILL.
ATED 10-20-88) FOR EARTHWORK SPECIFICATIONS. QTY.

PER DETAIL 11 ON SHT. 6. 1 EA.
400 L.F.
540 L.F.
3,805 L.F.
1,940 L.F.
1 EA
1,293 L.F.
220 L.F.
SHT. 5
THIS PLAN TO BE CONSTRUCTED UNDER SEPARATE PERMIT.

CONSTRUCTION NOTES

- 1 CONSTRUCT GROUTED RIP-RAP PER
DETAIL 1 ON SHT. 2 3853.5 F. Δ
- 2 CONSTRUCT INTERCEPTOR DRAIN PER
DETAIL 2 ON SHT. 2 1,510 L.F.
- 3 CONSTRUCT DRAIN TO PIPE TRANSITION
PER DETAIL 3 ON SHT. 2 11 EA
- 5 CONSTRUCT TERRACE DRAIN PER DETAIL
5 ON SHT. 5 2,225 L.F.
- 7 CONSTRUCT DIVERTER WALL PER DETAIL 7
ON SHT. 5 77 L.F. Δ
- 8 CONSTRUCT DOWN DRAIN PER DETAIL 8 ON SHT. 5 585 L.F. Δ
- 9 CONSTRUCT TERRACE DRAIN & DOWN DRAIN INTER-
SECTION PER DETAIL 9 ON SHT. 4 5 EA
- 10 INSTALL 12" PVC 180 L.F.

PRIVATE ENGINEER'S NOTICE TO CONTRACTOR

The existence and location of any underground utilities or structures shown
on these plans are obtained by a search of available records. To the best of
my knowledge there are no existing utilities except those shown on this
plan. The Contractor is required to take all precautionary measures to pro-
tect the utilities shown, and any other lines or structures not shown on these
plans, and is responsible for the protection of, and any damage to these
lines or structures.

NOTICE

CONTRACTOR SHALL VERIFY ALL
CONDITIONS AND DIMENSIONS AND
SHALL REPORT ALL DISCREPANCIES
TO THE ENGINEER PRIOR TO THE
COMMENCEMENT OF WORK.

Contractor agrees that he shall assume
all site conditions during the course of construction
persons and property; that this requirement
ited to normal working hours; and that the
hold the Owner and the Engineer harmless
in connection with the performance of the
arising from the sole negligence of the Owner.

ENGINEER/GEOLOGIST:

SOILS ENGR., INC.

11
FORNIA
PORT

OWNERS: THE BALDWIN COMPANY

16811 HALE AVENUE

IRVINE, CA. 92714 PHONE: (714) 660-1700

WARMINGTON HOMES

11/11/90 REVISED CHANGES
1-30-90 REVISE TOE OF SLOPE
1-12-90 LOWER LOT 13 OF TR-
12-7-89 RAISE LOTS 7 & 8
12-1-89 REVISED SLOPES @ L
8-11-89 REV. SLOPES LOT 6, 7, 9, 43
REV. QUANTITIES
5-30-89 REVISED STORM DRAIN
4-7-89 RELOCATE TERRACE DRAIN
3-11-89 REVISE 2:1 SLOPE ON LOTS
1-4-89 REVISED STORM DRAIN

NO. DATE

(1,187,472 x 0.03) = 35,024 C.Y.

REMEDIAL
GRAVING =

492,049 C.Y.

SHRINKAGE 10% AVG.

(492,049 x 0.10) =

5 BUTTRESS/CAPS = 114,350 C.Y.

CATCHMENT STAB. FILLS
BULK 3%.

(149,500 x 0.03) =

4,485 C.Y.

SLIDE =

50,000 C.Y.

SHRINKAGE 5%.

(50,000 x 0.05) =

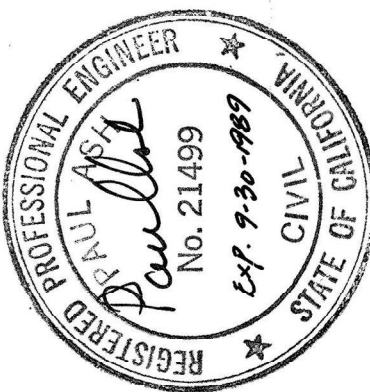
5 TOTAL

1,884,580 C.Y.

1,890,813 C.Y.

2,500 C.Y.

50,000 C.Y.



I am the sole and complete responsibility for job
execution of this Project, including safety of all
work shall apply continuously and not be lim-
ited. The Contractor shall defend, indemnify and
hold harmless from any and all liability, real or alleged,
incurred on this Project, excepting for liability
of the owner or the Engineer.



ON ARRIETE DRIVE (SHTS 5&6)
ON LOTS 24 & 25 (SHT. 7) REESENS DOT.

13581 PAD ELEVATION (SHTS. 3 & 5

16 (SHT. 6)

OTS 8 9 & 10 (SHT. 3) AND LOTS 4 & 5 (SHT. 5, 6)

344,451 & 46 PER REV. APPROVED SOILS REPORT

(SHTS 1, 3 & 16) QUANTITY

ALIGNMENT & EASEMENT LOT 4 (SHEET 4)

RAIN DUE TO EXCEEDING SLOPE OVER 30' (SHEET 6)

20 TO 25 DUE TO SOILS REPORT (TR. 10731)

RAIN LENGTHS & ADDED EGMATS. SHTS 4, 5, 6 & 7

REVISIONS

APPROD.

DATE

DRAWN BY:

DATE

DESIGNED BY:

DATE

CHECKED BY:

YORBA LINDA CITY ENGINEER

BY 12/23/88

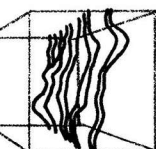
20354 12/27/88

DATE

R.C.E. NO.

EXP. DATE

Prepared in the office of



Church Engineering, Inc.

Consulting Engineers
Planners
Surveyors
2501 Alton Ave.
Irvine
CA 92714
(714) 660-8600

Paul Ash

DESIGN ENGINEER

21439 12/1/88

R.C.E. NO.

DATE

EXP. DATE 9/30/89

CITY

NO. 10-2
11
12

R

18

FL

FS

TC

HP

BVC

EVC



RIDGE LINE

LOT NUMBER

FLOW LINE

FINISHED SURFACE

TOP OF CURB

HIGH POINT

BEGIN VERTICAL CURVATURE

END VERTICAL CURVATURE

08/18/91

"AS-BUILTS"

RECORD DRAWINGS

FOR 7 SHEETS

Terrance K. Barry

TERRANCE K. BARRY R.C.E. No. 14140 EXP. 3-31-93

"AS-BUILT" REVISIONS ~ SHTS. 6, 7

ADD CONC. DITCH TO ACCESS ROAD.

REVISIONS

APPROVED

CITY OF YORBA LINDA

PROJECT NO.

5212-853

ROUGH GRADING PLAN

FOR

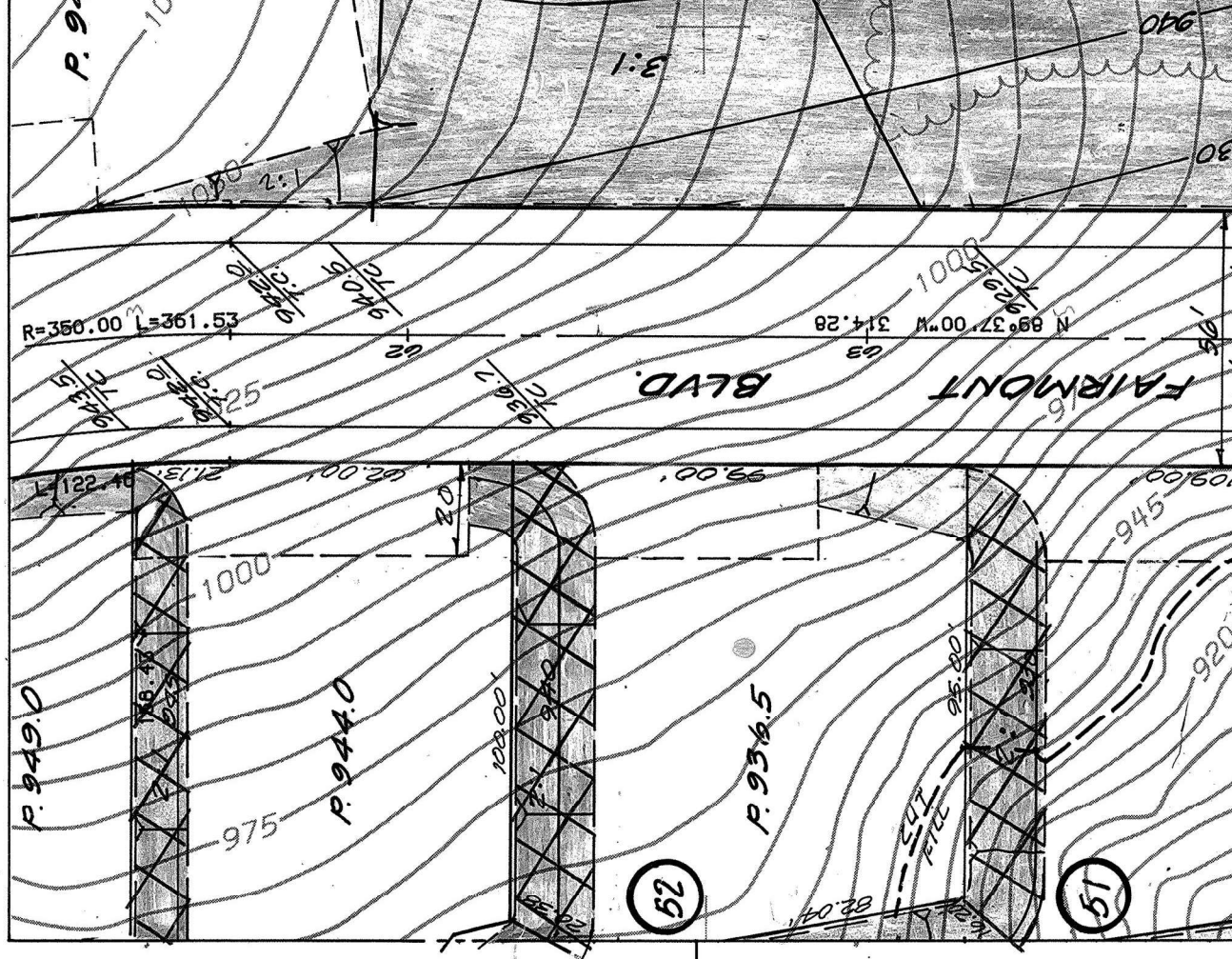
SHEET 1

OF 7

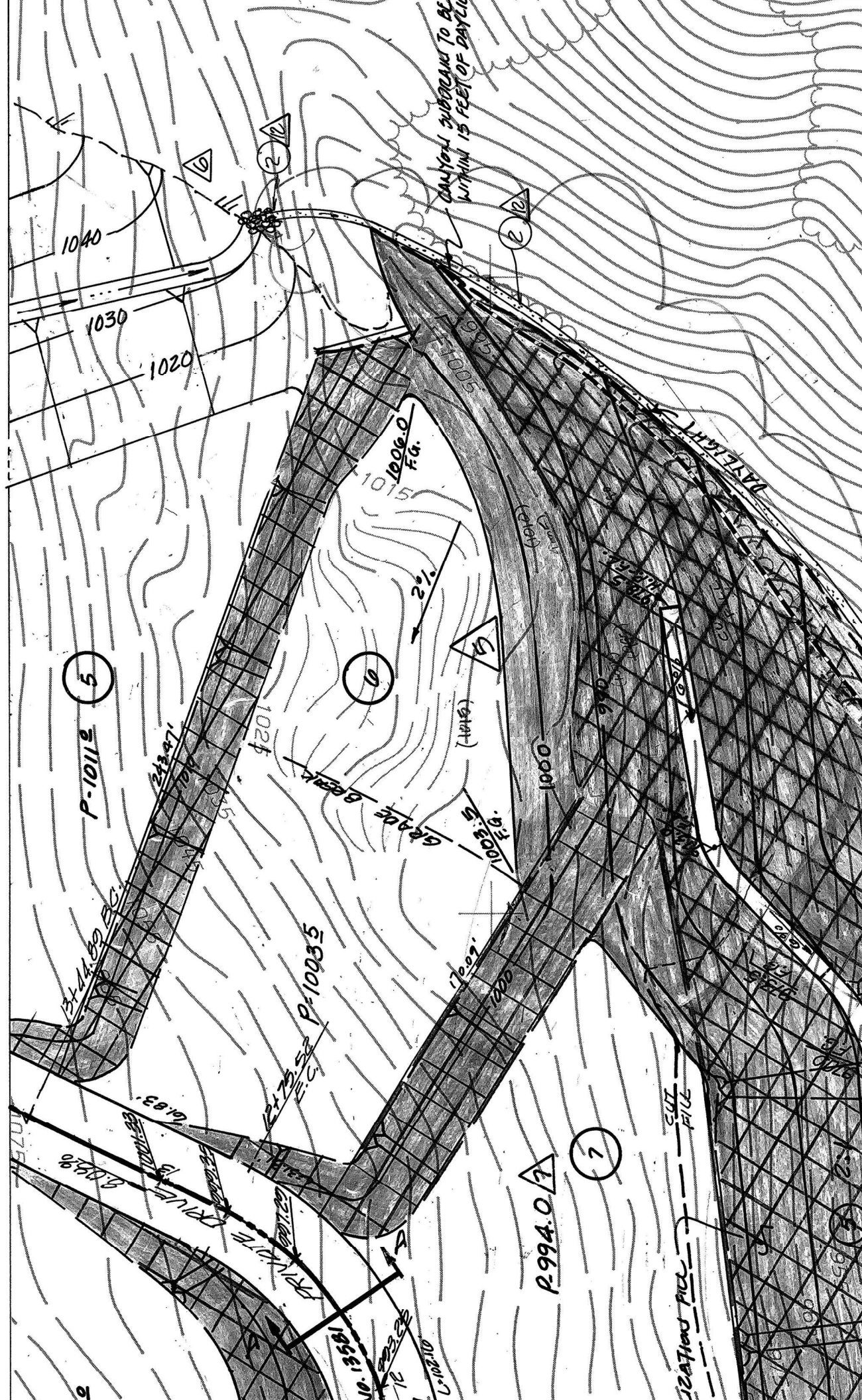
TRACT 707.31 AND TRACT 13581

INDEX MAP/200 SC - 164[0.13]PF: 853 2285 21-Oct-88 09:25 AM / 853-0-1

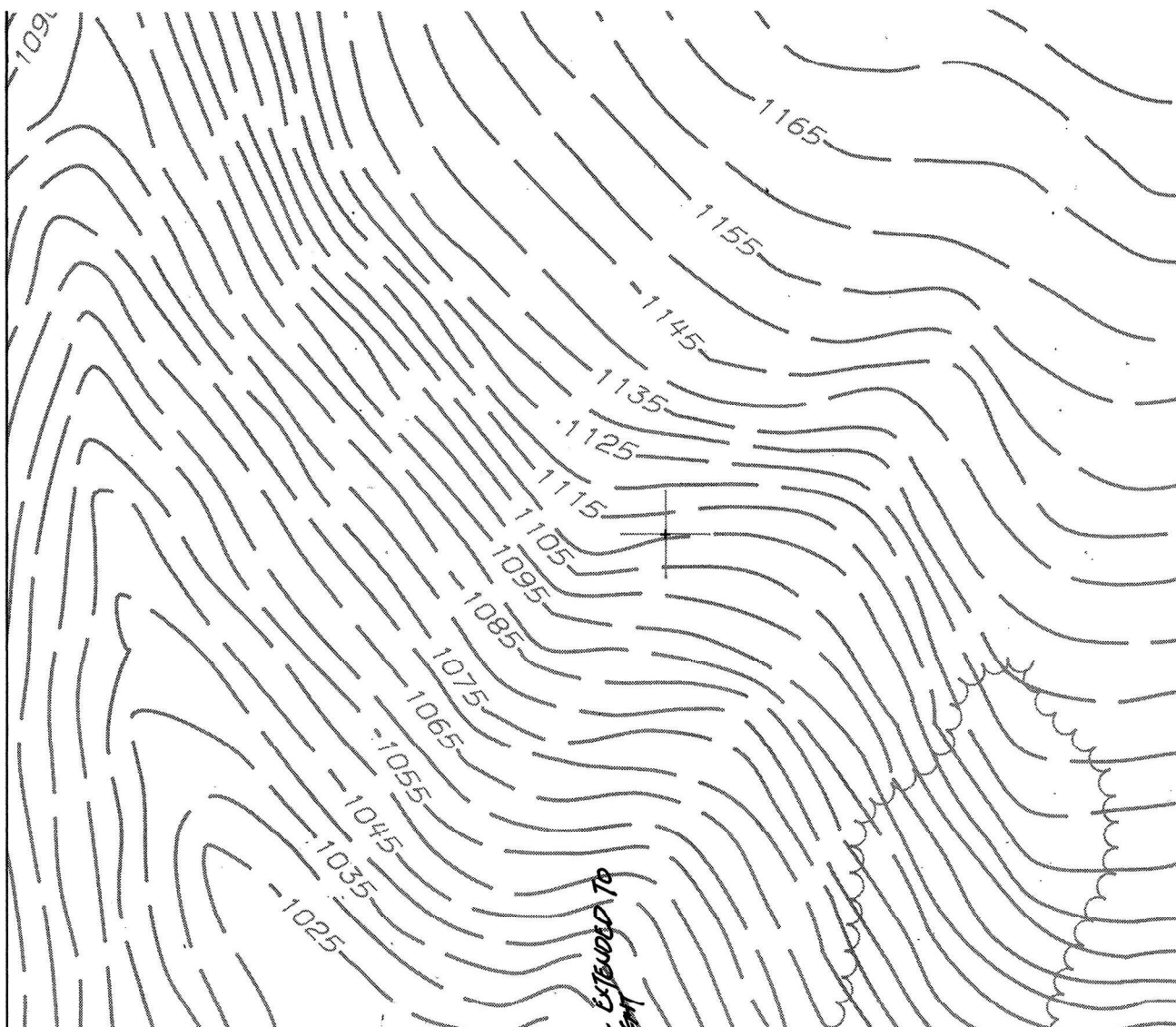
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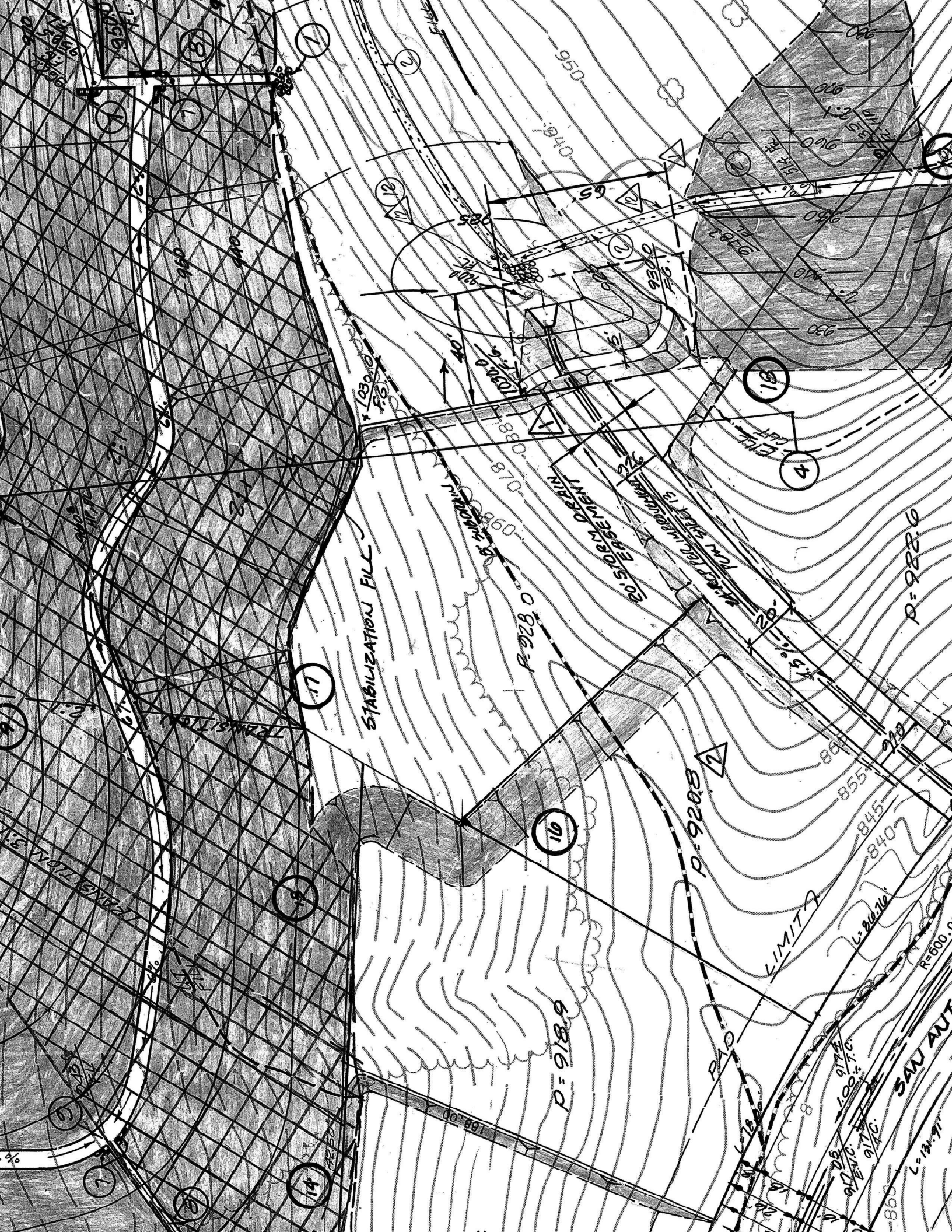


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POSITION EDGE OF PAGE ON THE LINE





STABILIZATION FILL

P=9205

P=918.9

P=922.0

LIMIT

SAV AUT

1030.0

P=926.3

855

845

840

835

830

825

820

815

810

805

800

795

790

785

780

775

770

765

760

755

750

745

740

735

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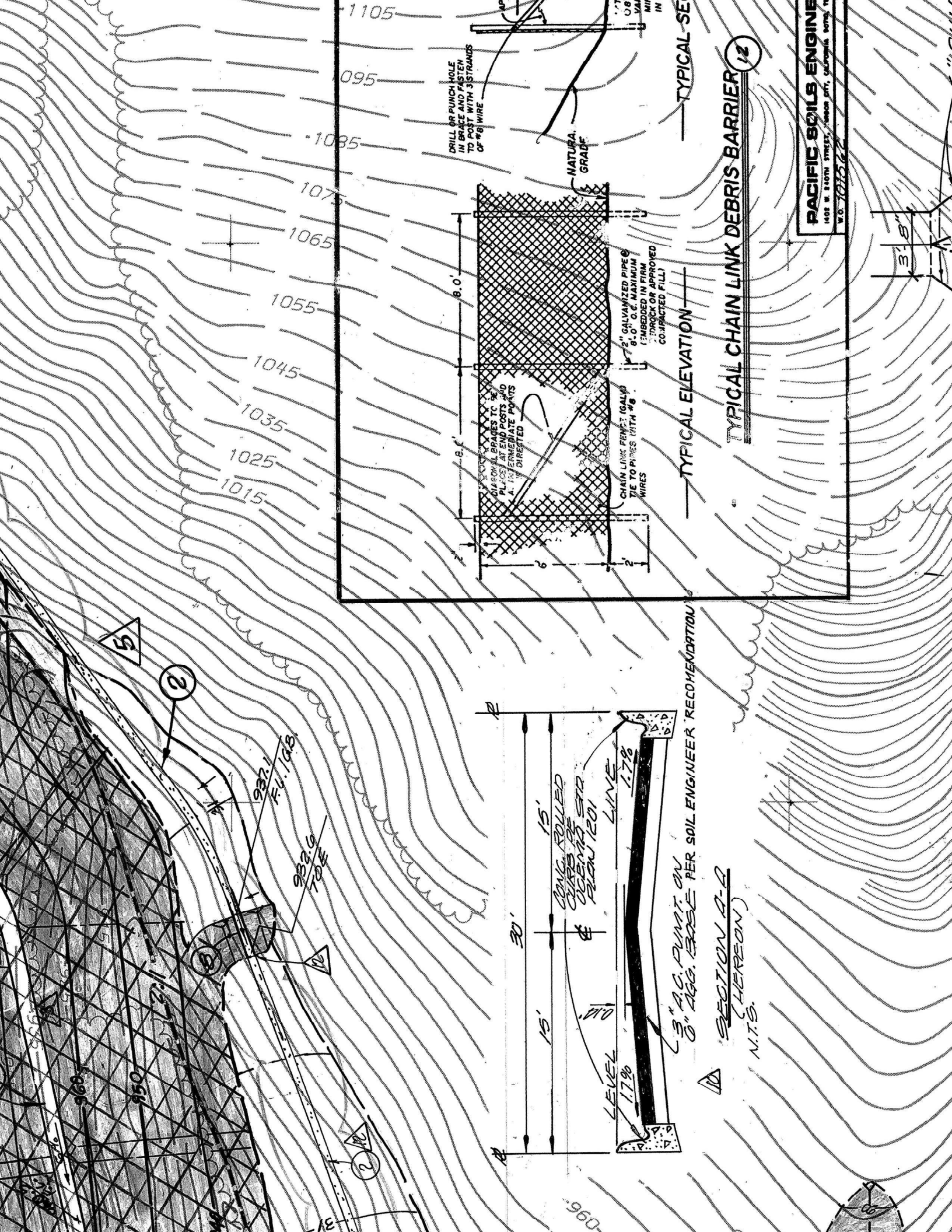
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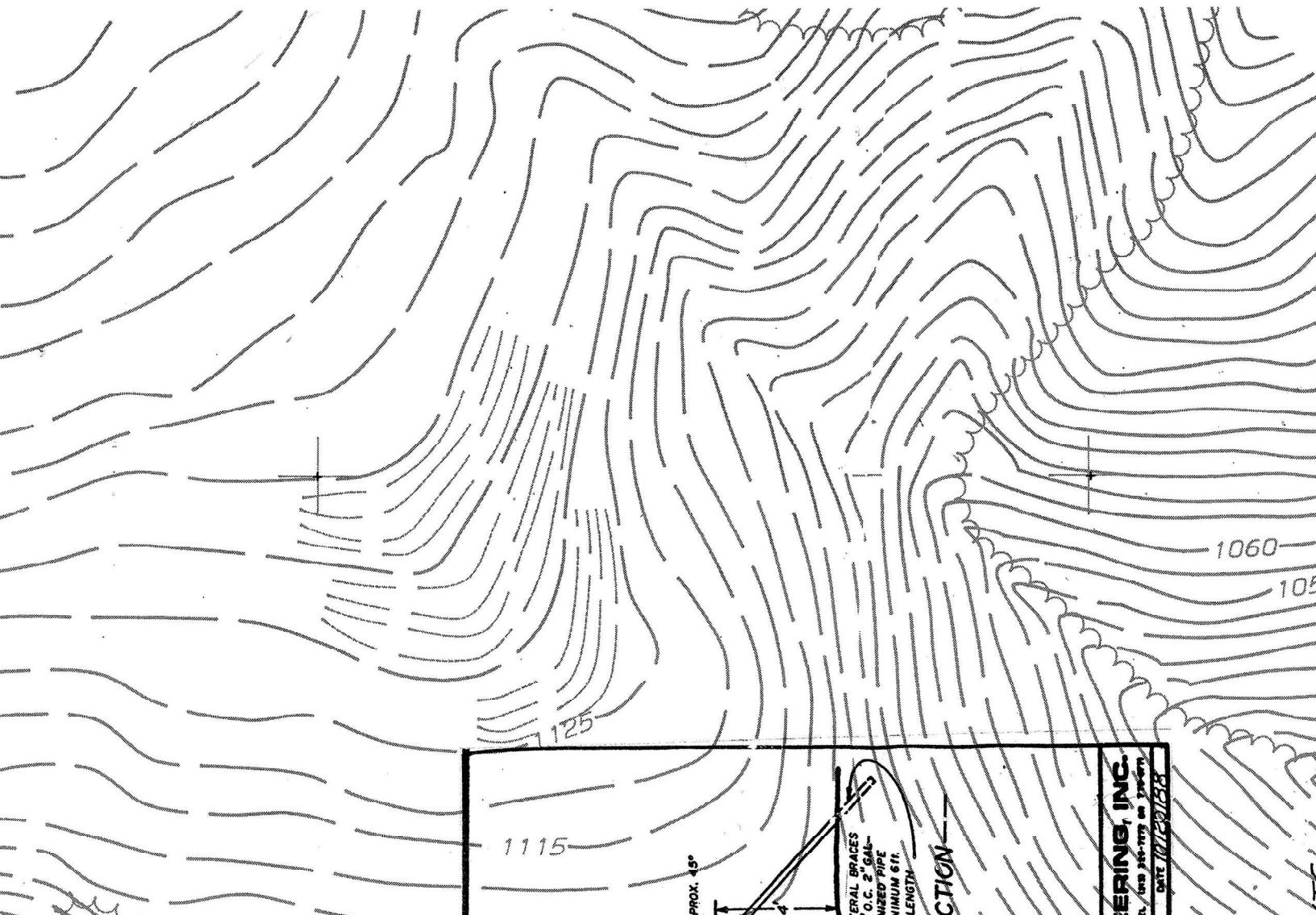
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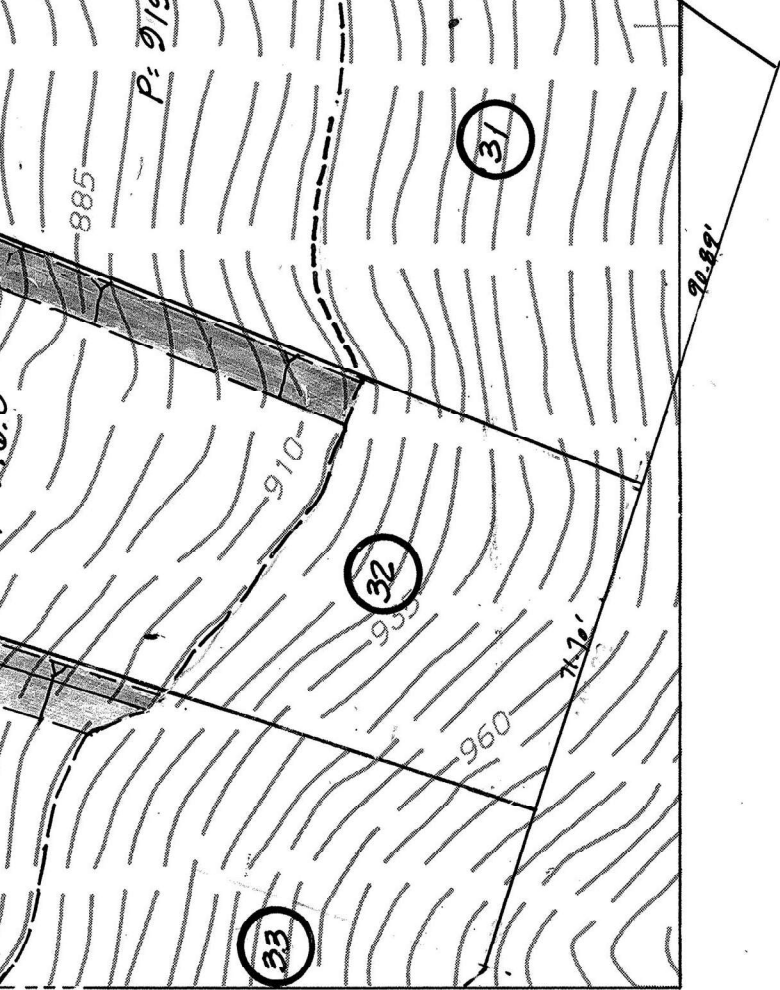
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POSITION EDGE OF PRINT ON THIS LINE

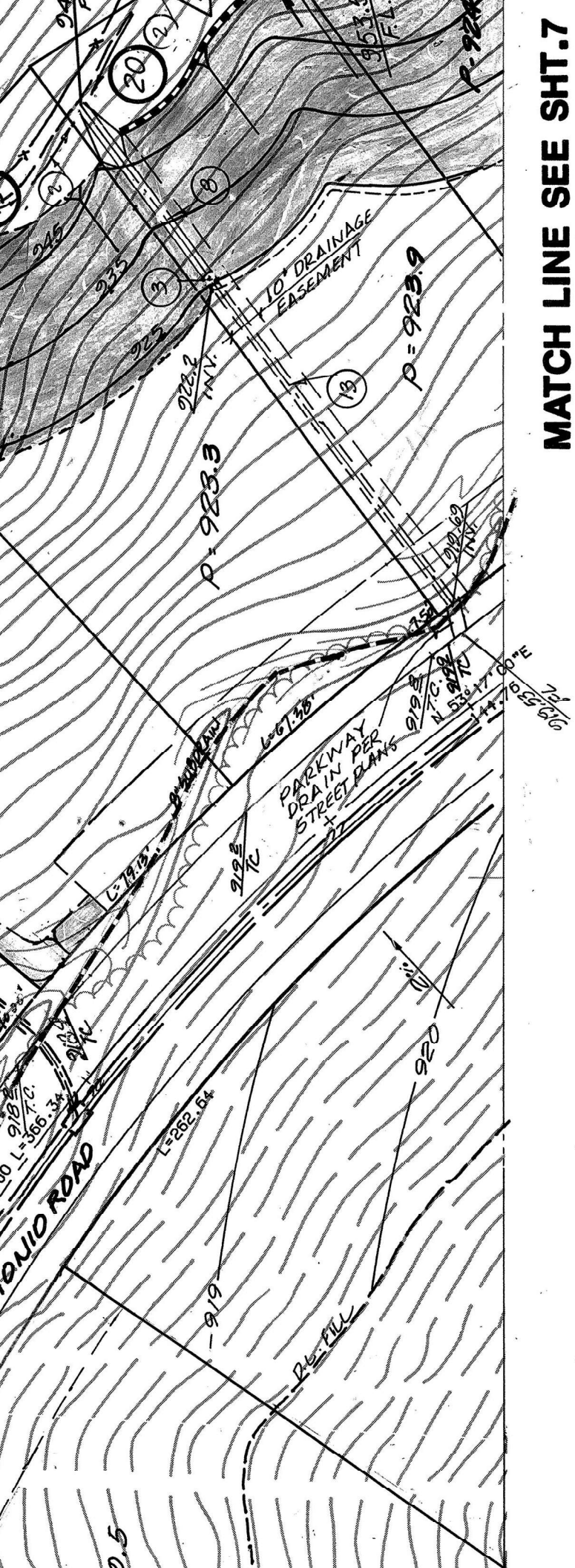
POSITION EDGE OF PRINT ON THIS LINE





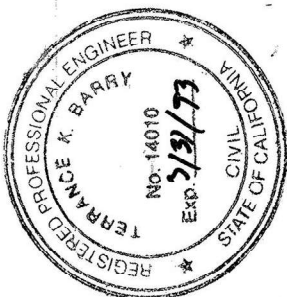
REVISIONS	
NO.	DATE
1	10-21-91
"AS-BUILT" REVISIONS	

NOTE : ALL RECOMMENDATIONS
(BY PACIFIC SOILS ENGINEERS)



MATCH LINE SEE SHT.7

"AS-BUILTS"

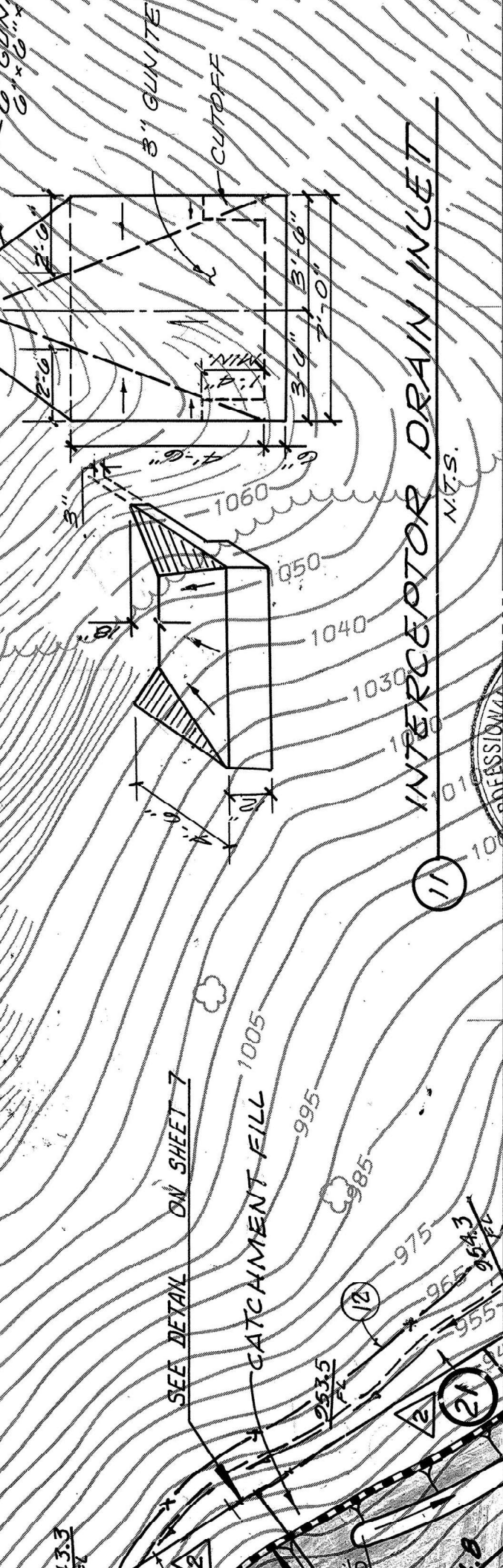


RECORD DRAWINGS

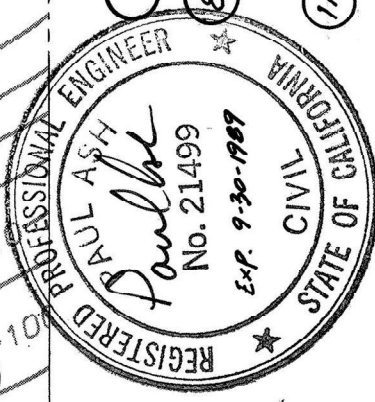
Terrance K. Barry
 TERRANCE K. BARRY R.C.E. No. 14140 EXP. 3/31-93

CONSTRUCTION			
⑦	CONSTRUCT DIVERTER	12-7-89	1
⑫	INSTALL REVESTMENT	12-1-89	6
③	CONST. DRAIN TO P	8-9-88	5
⑬	INSTALL 8" PVC	4/11/90	10
	RAISE LOTS 7 & 10	4-7-89	3
	REV. SLOPE ON LOT 1	3-11-89	2
	REVISED SLOPE & T	1-4-89	1
	REVISED. GARAGE		
	RELOCATE TERRACE DRAIN		
	REVISE 2:1 SLOPE ON LOTS		
	ADDED 40'x65' STC		
NO.	DATE		

ONS PRESENTED IN THE SOILS REPORT
 (NGR.) HAD BEEN INCORPORATED IN THE DESIGN.



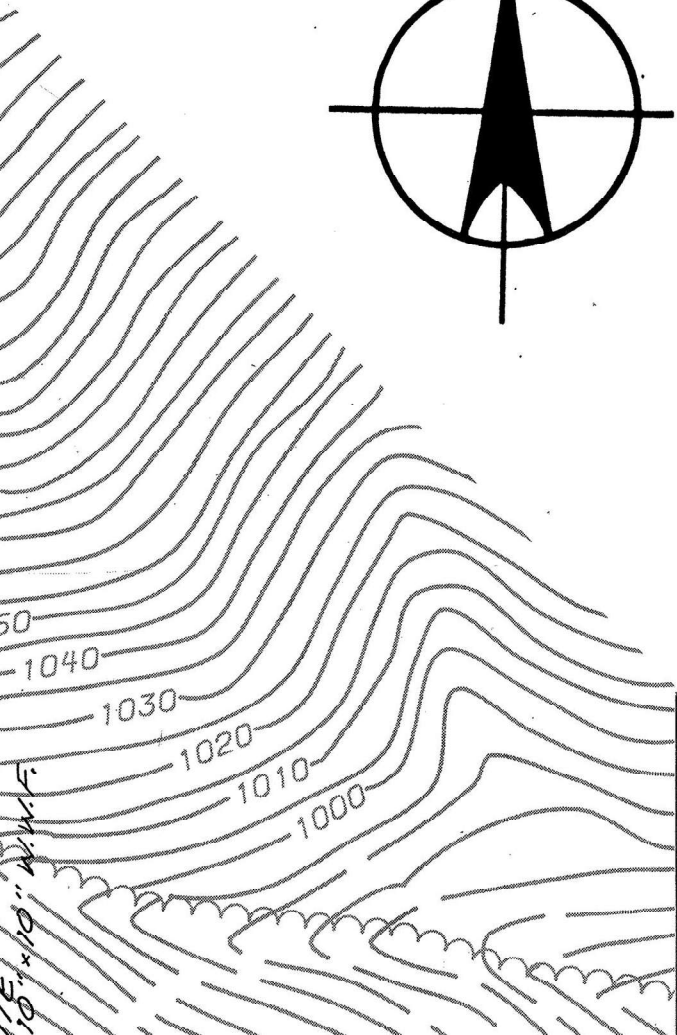
- CONSTRUCTION NO**
- 1—CONSTRUCT GROUTED RIP-RAP PER
 - 5—CONSTRUCT TERRACE DRAIN PER DETAIL
 - 9—CONSTRUCT DOWN DRAIN PER DETAIL
 - 11—CONSTRUCT TERRACE DRAIN & DOWN PER DETAIL 9 ON SHT. 4
 - 2—CONSTRUCT INTERCEPTOR DRAIN



NOTES (CONT'D)

WALL PER DETAIL 7 ON SHEET 5.
WALL PER DETAIL.
SLOPE TRANSITION PER DETAIL 3 ON SHT. 2

CIT																						
Prepared in the office of Church Engineering, Inc. Consulting Engineers Planners Surveyors 2501 Alton Ave. Irvine CA 92714 (714) 660-8600																						
DESIGN ENGINEER <i>Paul Ash</i> 21499 12/1/88 R.C.E. NO. / DATE																						
DRAWN BY: _____	DATE: _____																					
DESIGNED BY: _____	DATE: _____																					
CHECKED BY: _____	DATE: _____																					
REVISIONS <table border="1"> <thead> <tr> <th>NO.</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5 PER REV. APPROVED SOILS REPORT, 12/1/84</td> <td>12/1/84</td> </tr> <tr> <td>2</td> <td>TERRACE DRAIN @ LOT 6 & 7</td> <td>12/1/84</td> </tr> <tr> <td>3</td> <td>ON PRIVATE DRIVE (6614)</td> <td>12/1/84</td> </tr> <tr> <td>4</td> <td>N DUE TO EXCEEDING SLOPE OVER 30:</td> <td>12/1/84</td> </tr> <tr> <td>5</td> <td>20 TO 25 DUE TO SOILS REPORT (TR. 10731)</td> <td>12/1/84</td> </tr> <tr> <td>6</td> <td>DRM DRAIN EASEMENT</td> <td>12/1/84</td> </tr> </tbody> </table>		NO.	DESCRIPTION	DATE	1	5 PER REV. APPROVED SOILS REPORT, 12/1/84	12/1/84	2	TERRACE DRAIN @ LOT 6 & 7	12/1/84	3	ON PRIVATE DRIVE (6614)	12/1/84	4	N DUE TO EXCEEDING SLOPE OVER 30:	12/1/84	5	20 TO 25 DUE TO SOILS REPORT (TR. 10731)	12/1/84	6	DRM DRAIN EASEMENT	12/1/84
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6	DRM DRAIN EASEMENT	12/1/84																				



TES

PER DETAIL 1 ON SHT. 2
TAIL 5 ON SHT. 5
- 8 ON SHT. 5
DRAIN INTERSECTION

SCALE: 1"=40'

IN INLET PER DETAIL 11 HEREON. BY 12/23/88
N PER DETAIL 2 ON SHT. 2.

Y OF YORBA LINDA	PROJECT NO.
	5212-853
ROUGH GRADING PLAN	SHEET 6
	OF 7
TRACT NO. 10731 AND 13581	