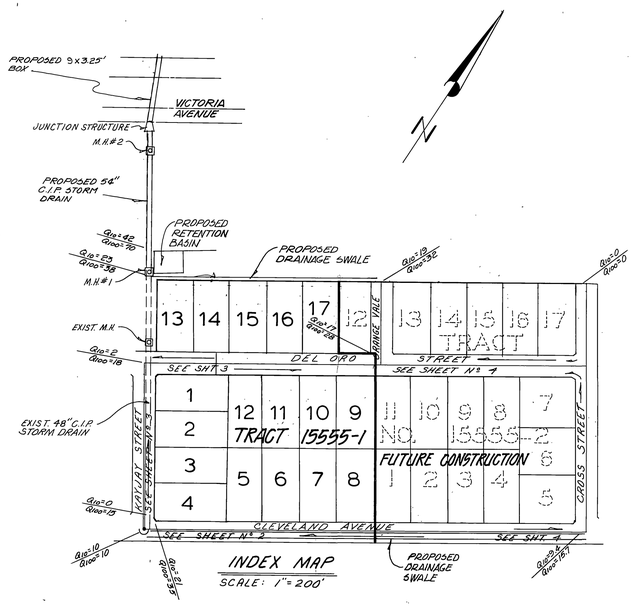
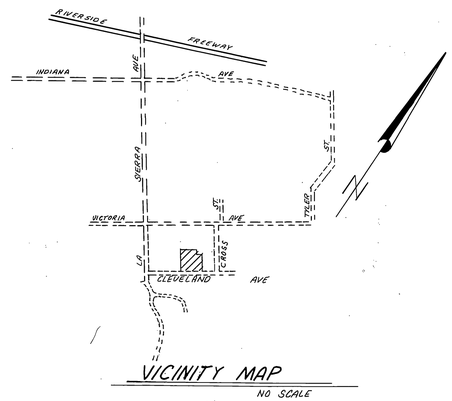




VICINITY MAP
NO SCALE

UNDERGROUND UTILITY NOTE

LOCATIONS OF SUBSTRUCTURES AS SHOWN ON PLANS ARE SHOWN FROM THE BEST AVAILABLE INFORMATION, HOWEVER, SUCH LOCATIONS AS SHOWN OR FAILURE TO SHOW EXISTING SUBSTRUCTURES SHALL NOT RELIEVE THE CONTRACTORS FROM THE RESPONSIBILITY OF VERIFYING THE LOCATION OF AND PROTECTING ALL SUBSTRUCTURES ENCOUNTERED. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT AND MAKE NECESSARY ARRANGEMENTS WITH THE APPROPRIATE UTILITY COMPANIES PRIOR TO THE BEGINNING OF CONSTRUCTION.

General Notes

1. The contractor shall be responsible for the clearing of the proposed work area, and relocation and cost of all existing utilities. Subdivider must inform County of construction schedule at least 48 hours prior to beginning of construction. (PH 787-2031)
2. Subdivider will install street name signs conforming to County Standard No. 816, as directed.
3. All work shall conform to the requirements of the Riverside County Road Department specifications for the improvement of subdivision streets dated 1982 County Ordinance 461 and subsequent amendments.
4. All underground facilities, with laterals, shall be in place prior to paving the street section including, but not limited to, the following: sewer, water, electric, gas, drainage.
5. Curb depressions and driveway approaches will be installed and constructed according to County Standard No. 207, as directed in the field.
6. It shall be the responsibility of the subdivider or contractor to apply to Cal Trans for an encroachment permit for all work performed within the State Right of Way.
7. All street sections are tentative. Additional soil tests will be taken after rough grading to determine the exact street section requirements. IN THE EVENT EXPANSIVE SOILS ARE ENCOUNTERED USE STD. 401.
8. "Asphaltic Emulsion (Fog Seal) shall be applied not less than fourteen days following placement of the asphalt surfacing and shall be applied at a rate of 0.05 gallon per square yard. Asphalt emulsion shall conform to Sections 37, 39, and 94 of the State Standard Specifications".

CONSTRUCTION NOTES:

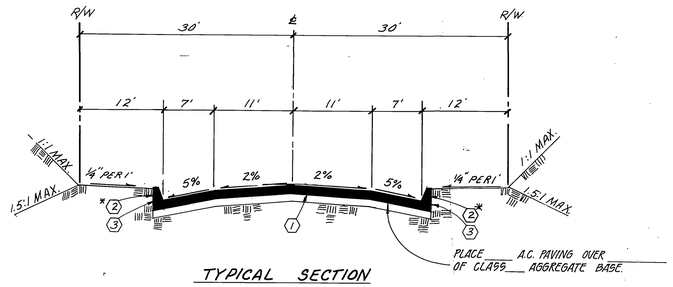
1. Place asphaltic concrete (A.C.) over base per Typical Section.
2. Construct 6" A.C. Berm per Riverside County Standard 212.
3. Construct 8" A.C. Berm per Riverside County Standard 212.
4. Construct 10' wide Cross Gutter per Riverside County Standard #210 and Detail on Sheet #4.
5.
6. CONSTRUCT BARRICADE PER RIVERSIDE COUNTY STANDARD #810.
7. TREES TO BE REMOVED OR RELOCATED AT DEVELOPER'S DISCRETION.
8. CONSTRUCT 10' C.B. PER R.C.F.C. STD. C.B. 100
9. CONSTRUCT JUNCTION STRUCTURE PER R.C.F.C. STD. JS 229

ESTIMATE OF QUANTITIES (FOR BOND PURPOSES ONLY)

1	6" A.C. BERM	1,665 L.F.
2	8" A.C. BERM	604 L.F.
3	6" TO 8" BERM TRANSITION	39 L.F.
4	8" CURB AND GUTTER	30 L.F.
5	A.C. PAVEMENT	48,137 S.F.
6	A.C. OVERLAY	3,000 S.F.
7	BASE MATERIAL	48,137 S.F.
8	SEAL COAT	48,137 S.F.
9	CROSS GUTTER	480 S.F.
10	DRIVEWAY APPROACHES	17 EA.
11	BARRICADES	1 EA.
12	STREET SIGNS	2 EA.
13	TREE REMOVAL	64 EA.
14	RELOCATE POWER POLE	1 EA.
15	ROADWAY EXCAVATION	4,100 C.Y.

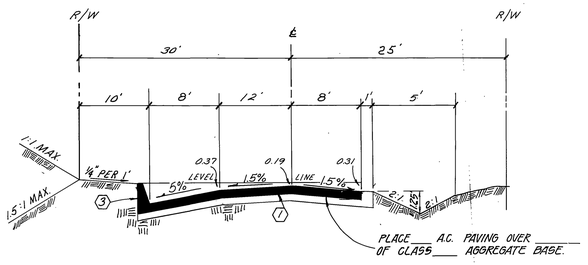
STORM DRAIN QUANTITIES (FOR BOND PURPOSES ONLY)

1	54" C.I.P.	520 L.F.
2	48" C.I.P.	8 L.F.
3	24" R.C.P.	54 L.F.
4	18" R.C.P.	28" L.F.
5	9'X3.25' BOX CULVERT	180 L.F.
6	CATCH BASINS	2 EA.
7	MANHOLES (R.C.F.C. STD. 252)	2 EA.
8	JUNCTION STRUCTURES (R.C.F.C. STD. JS229)	3 EA.
9	TRANSITION STRUCTURE (R.C.F.C. STD. TS-301)	1 EA.
10	JUNCTION STRUCTURE (R.C.F.C. STD. JS226)	1 EA.
11	HEADWALL (CAL TRANS STD. D84, TYPE B)	1 EA.
12	RETENTION BASIN	1 EA.
13	½ TON RIP-RAP	135 S.F.
14	CHAIN LINK FENCE	356 L.F.
15	REMOVE EXISTING 24 C.M.P.	75 L.F.
16	REMOVE EXISTING 18" C.M.P.	15 L.F.

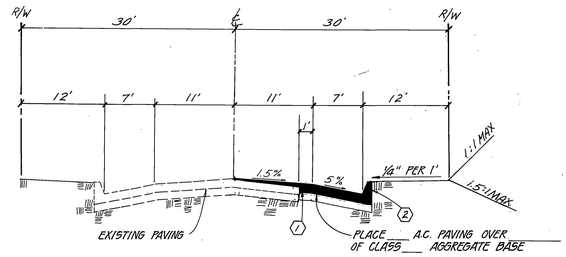


TYPICAL SECTION
NO SCALE
T.I. =

DEL ORO STREET *(FROM STA. 0+00 TO STA. 6+36.37)



TYPICAL SECTION
NO SCALE
T.I. =
CLEVELAND AVENUE



TYPICAL SECTION
NO SCALE
T.I. =
KAYJAY STREET

SCH 'B' INDEVEDCS

REVISIONS:	APPROVED BY:	J. F. DAVIDSON ASSOCIATES	TRACT NO. 15555-1	R-2853
	DATE: 2/24/84 REGISTERED CIVIL ENGINEER NO. 17550	CIVIL ENGINEERS • SURVEYORS • PLANNERS 3426 TENTH STREET 11200 S. MT. VERNON AVE. RIVERSIDE, CAL. COLTON, CAL.	COUNTY OF RIVERSIDE TITLE SHEET STREET IMPROVENT PLANS	1 OF 4 SHEETS
	APPROVED BY:	SCALE: AS SHOWN	BENCH MARK: BRASS DISC IN CONC. MA' NE OF LA SIERRA & ARIZONA, 36' N.E. OF LA SIERRA AVE. ELEV. 783.41'	FILE NO. 80-1065(M)
	DATE: 5/1/84 RIVERSIDE COUNTY, CALIF. FOR ROAD COMMISSIONER	DATE FEB., 1984	W.O. 80-1065 FOR: KEUSDER F.B.	

PROFILE SCALE
HORIZ: 1"=40'
VERT: 1"=4'

865 LT.
865 ℄
865 RT.

EXISTING GROUND @ R/W.
EXISTING GROUND @ ℄
EXISTING GROUND @ 8' RT.

PROPOSED T.B (8" BERM) @ 20' LT
0.80%
PROPOSED ℄ GRADE
0.80%
PROPOSED T.H. @ 8' RT
0.80%

FLOWLINE A.C. BERM

EXISTING GROUND ALONG 10:1 A.C. TAPER

FUTURE T.B GRADE @ 20' LT.
0.95%
FUTURE ℄ GRADE
0.95%
FUTURE T.H. GRADE @ 8' RT.
0.95%

25+07.54 TRACT BOUNDARY
70.08 T.B. BEGIN A.C. TAPER
25+07.54 TRACT BOUNDARY @ 0.95% TOP OF PAVING
25+07.54 TRACT BOUNDARY @ 0.80% F.L.P. BEGIN A.C. TAPER

26+00.00 END A.C. TAPER, WEST EXISTING TRAVELED WAY
26+00.00 END A.C. TAPER BOTH SIDES, WEST EXISTING TRAVELED WAY

100' V.C.
V.P.I. = 71+18
26+60 B.C. 71.16 T.B.
26+85 71.22 T.B.
27+10 M.C. 71.30 T.B.
27+35 71.37 T.B.
27+60 E.C. 71.43 T.B.
70.80 T.B.
29+00.00

100' V.C.
V.P.I. = 71.56
26+60 B.C. 71.17
26+85 71.33
27+10 M.C. 71.47
27+35 71.62
27+60 E.C. 71.31
70.71
29+00.00

100' V.C.
V.P.I. = 71.41
26+60 B.C. 71.03 T.H.
26+85 71.21 T.H.
27+10 M.C. 71.29 T.H.
27+35 71.80 T.H.
27+60 E.C. 71.82 T.H.
70.59 T.H.
29+00.00

W=10'
V=4.0

28.20 L.F. OF 18" R.C.P. @ 21.62% 2000 D.
50.80 LF
EXIST 48" S.D.
53.46 LF

STORM DRAIN PROFILE
— NO SCALE —

TRACT 15555-2
FUTURE CONSTRUCTION

18 19 20 21 22 23 24 25 26 27 28 29

TRACT 9991

EXIST 48" C.I.P.
EXIST 18" C.M.P. (TO BE REMOVED)
CONSTR. 8' C.I.P. @ 3.72%
CLEVELAND AVE.
EXIST 16" I.R.R. LINE (TO BE REMOVED FROM DOWN DR. TO R/W.)
EDGE OF PAVEMENT
CONSTR. 18" C.M.P. FROM DOWN DRAIN TO STORM DRAIN
5' SWALE
VILLA FRANCA ~~CALTRAN~~ STREET SEE SHEET No. 3
60'
30' 30'
12' 18' 8' 10' 18' 12'
EXIST. POWER POLE (TO BE RELOCATED BY S.C.E.)
EXIST. WEIR
EXIST. DOWN DRAIN TO BE MOVED 11.5' OFF ℄ 2.5 DIA. A.C. RING
EXIST. 16" IRR. LINE
0+45.24 E.C.R.
EXIST. POWER POLE (TO REMAIN IN PLACE)
N 39°06'10" W
64.14 T.B.
64.50 T.B.
64.50 T.C.
64.14 T.C.
SEE CATCH BASIN DETAIL # 8 BELOW
W=10'
V=4.0
16" GAS LINE
N.55°35'00"E ≈ 1039.63'
EXIST. C.S.P. CONVT. DRAIN
CONSTRUCT A.C. RING AROUND DOWN DRAIN
5' DRAINAGE SWALE
10:1 A.C. TAPER
EXISTING TRAVELED WAY
EXIST. R/W
FUTURE C&G
FUTURE R/W
FUTURE EDGE OF PAVING
EXISTING R/W
EXIST. POWER POLE (TO REMAIN IN PLACE)
FUTURE A.C. BERM
TRACT 15555-2
FUTURE CONSTRUCTION
25+07.54 TRACT BOUNDARY END A.C. BERM, BEGIN 9:1 A.C. TAPER
26+00.00 END A.C. TAPER BOTH SIDES, WEST EXISTING TRAVELED WAY
FUTURE R/W
70.08 T.B. @ 20' LT.
EXIST. POWER POLE (TO REMAIN IN PLACE)
BOTH SIDES
100.00' 106.00' 100.00' 106.00' 100.00' 106.00' 100.00'
1 2 3 4 5 6 7 8
191.93'
60.39 T.F.
60.39 E.P.
60.39 T.F.
25'
16" GAS LINE
FUTURE C&G
FUTURE R/W
EXIST. R/W
FUTURE EDGE OF PAVING
EXIST. 48" C.M.P. STORM DRAIN TO BE REMOVED SEE SHEET No. 3
EXIST 48" C.M.P. STORM DRAIN TO BE REMOVED
EXIST 16" CORR. PIPE
19+03.62 B.C.R.
65.23 T.B.
19+03.62 : E.C.R.
= 0+00.00 VILLA FRANCA ~~CALTRAN~~ ST.
19+49.37 P.O.T. HOLE #4 6.90 T.P.
19+03.62 : B.C.R. END 8' A.C. BERM BEG. CATCH BASIN
21+48.77 P.O.T. HOLE #3 6.35 T.P.
19+23.29 END CATCH BASIN BEG. 8' A.C. BERM
26+52.87 P.O.T. HOLE #2 6.54 T.P.
3.0' 10' 6.0'
8" A.C. BERM
65.23 T.C. 64.91 FF
65.23 T.B. 64.91 FF
64.76 FF
64.91 FF
64.91 T.C. 64.71 FF
64.38 T.C. 64.71 FF
4'

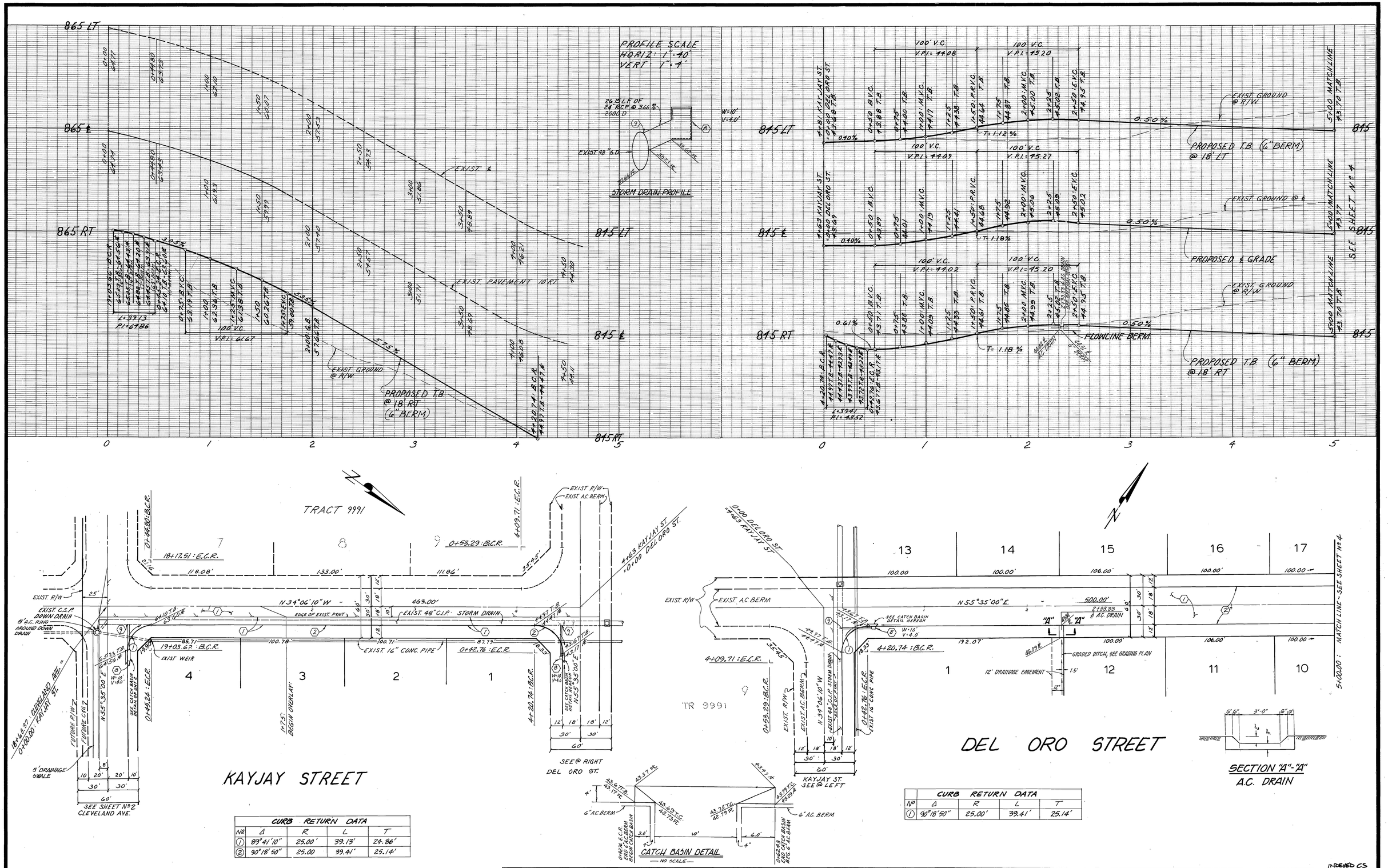
CATCH BASIN OPENING DETAIL
— NO SCALE —

CLEVELAND AVENUE

CURB RETURN DATA				
№	Δ	R	L	T
①	89°41'10"	25.00'	39.13'	24.86'

INDEXED 25

REVISIONS:	APPROVED BY:	J. F. DAVIDSON ASSOCIATES	TRACT NO. 15555-1	R-2853
	DATE: 2/24/84 — REGISTERED CIVIL ENGINEER NO. 17580	CIVIL ENGINEERS • SURVEYORS • PLANNERS	COUNTY OF RIVERSIDE	2
	APPROVED BY: DATE: 5/1/84 — RIVERSIDE COUNTY, CALIF. FOR ROAD COMMISSIONER	3426 TENTH STREET, RIVERSIDE, CAL. — 11200 S. MT. VERNON AVE., COLTON, CAL.	CLEVELAND AVENUE	OF 4 SHEETS
		SCALE: 1"=40' — BENCH MARK: SEE SHEET NO.1		FILE NO. 80-7065(M)
		DATE FEB., 1984	W.O. 80-7065 FOR: KEUSDER — F.B.	



CURB RETURN DATA				
No	Δ	R	L	T
1	89°41'10"	25.00'	39.13'	24.86'
2	90°18'50"	25.00	39.41'	25.14'

CURB RETURN DATA				
No	Δ	R	L	T
1	90°18'50"	25.00'	39.41'	25.14'

REVISIONS:

APPROVED BY: [signature] REGISTERED CIVIL ENGINEER NO. 17550
DATE: 2/24/84

APPROVED BY: [signature] RIVERSIDE COUNTY, CALIF. FOR ROAD COMMISSIONER
DATE: 5/1/84

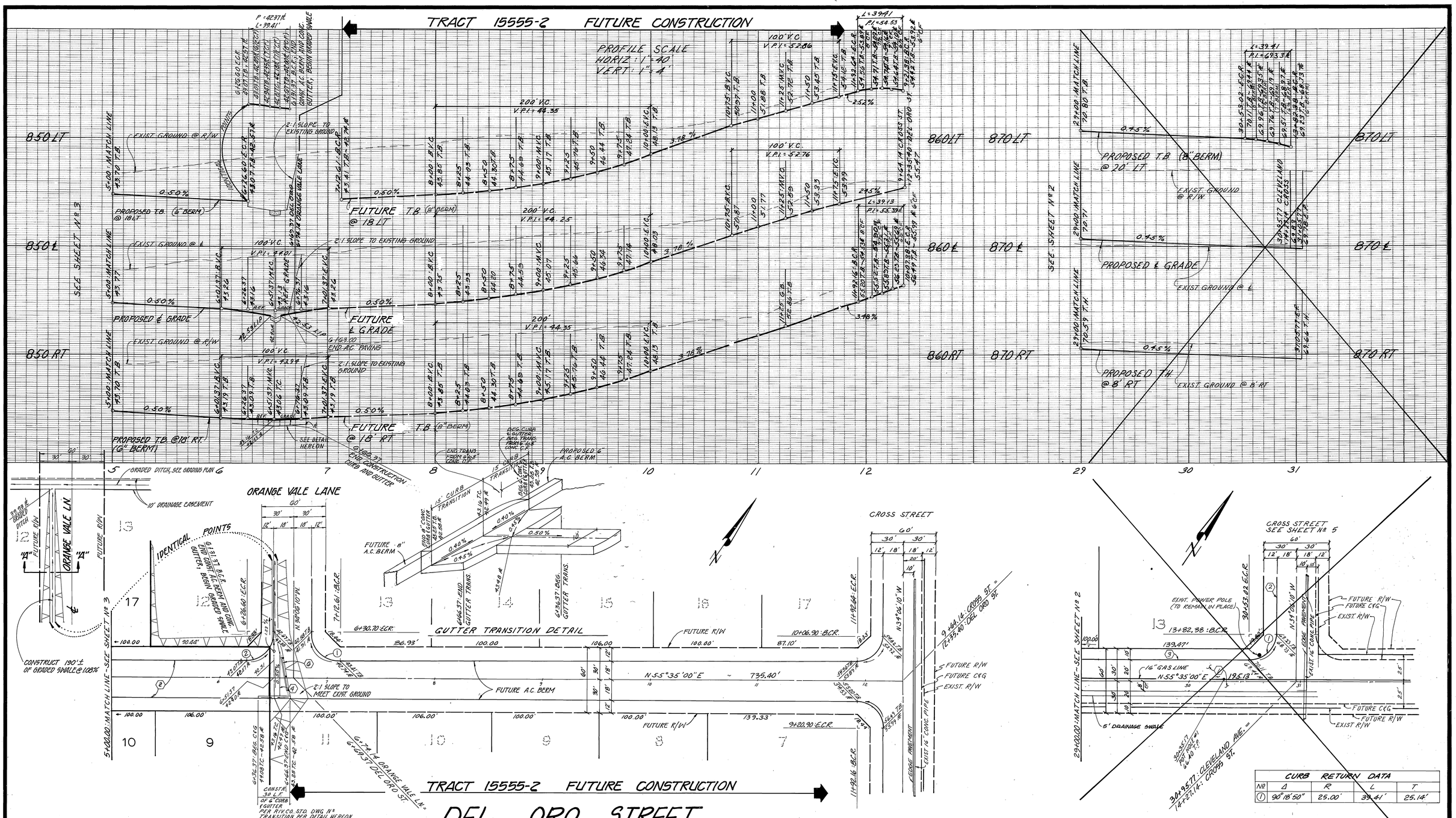
J. F. DAVIDSON ASSOCIATES
CIVIL ENGINEERS • SURVEYORS • PLANNERS
3426 TENTH STREET, RIVERSIDE, CAL. — 11200 S. MT. VERNON AVE., COLTON, CAL.

SCALE: 1" = 40'
BENCH MARK: SEE SHEET NO. 1
DATE FEB., 1984

TRACT NO. 15555-1
COUNTY OF RIVERSIDE
KAYJAY STREET
DEL ORO STREET

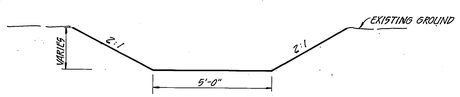
W.O. 80-7065 FOR: KEUSDER F.B.

INDEXED CS
R-2853
3
OF 4 SHEETS
FILE NO. 80-7065(M)



CURB RETURN DATA				
Nº	Δ	R	L	T
1	89°41'10"	25.00'	39.13'	24.86'
2	90°18'50"	25.00'	39.41'	25.14'

CURB RETURN DATA				
Nº	Δ	R	L	T
1	90°18'50"	25.00'	39.41'	25.14'



SECTION "A"-"A"
GRADED DITCH

REVISIONS:

APPROVED BY: [signature] REGISTERED CIVIL ENGINEER NO. 17550
DATE: 2/24/84

APPROVED BY: [signature] RIVERSIDE COUNTY, CALIF. FOR ROAD COMMISSIONER
DATE: 5/1/84

J. F. DAVIDSON ASSOCIATES
CIVIL ENGINEERS • SURVEYORS • PLANNERS
3426 TENTH STREET, RIVERSIDE, CAL. — 11200 S. MT. VERNON AVE., COLTON, CAL.

SCALE: 1" = 40'
DATE: FEB., 1984
BENCH MARK: SEE SHEET NO. 1

TRACT NO. 15555-1
COUNTY OF RIVERSIDE
DEL ORO STREET
CLEVELAND AVENUE

W.O. 80-7065 FOR: KEUSDER F.B.

INDEXED C.S.
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OF 4 SHEETS
FILE NO. 80-7065(M)