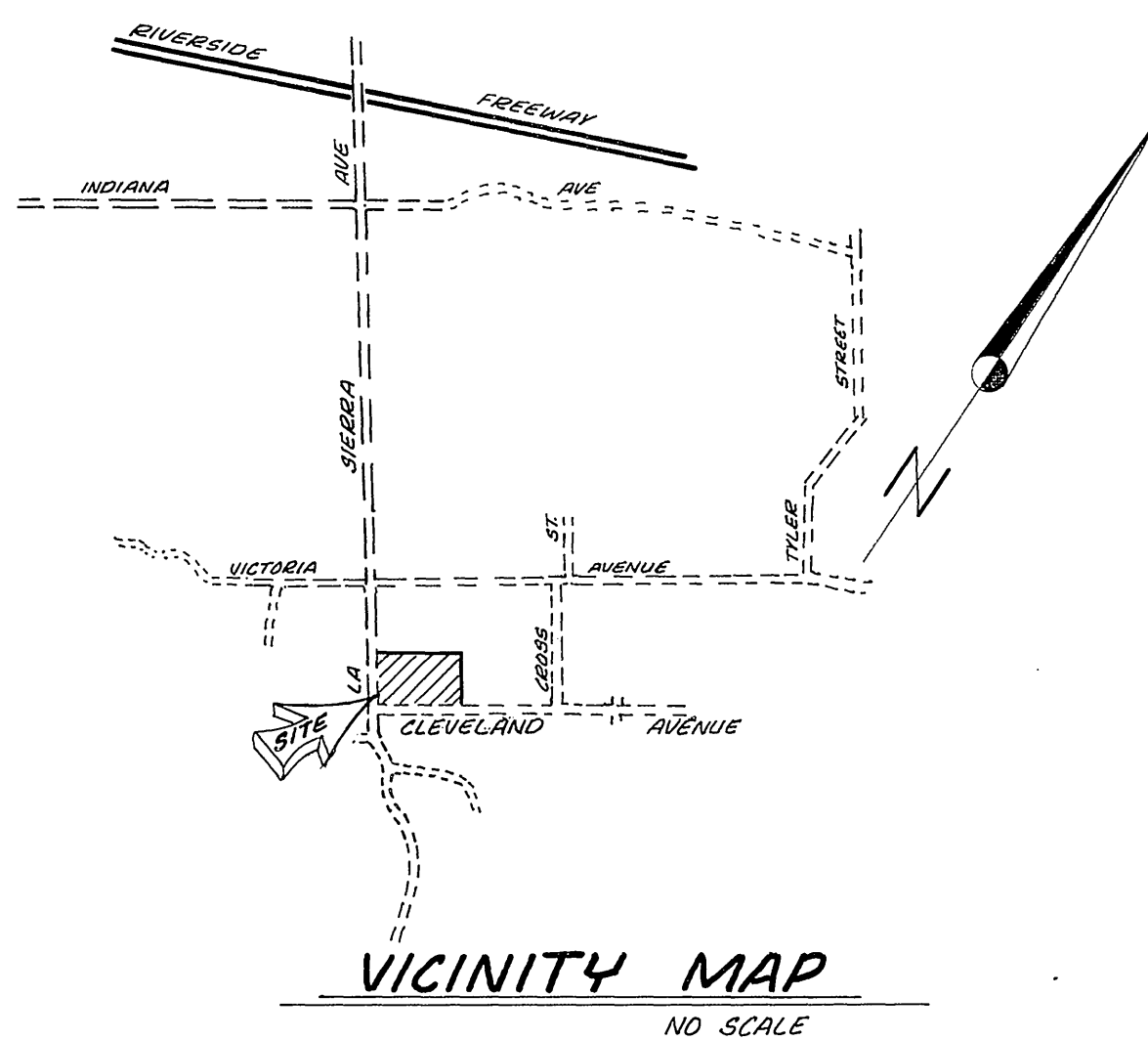


INDEX MAP  
SCALE: 1" = 100'



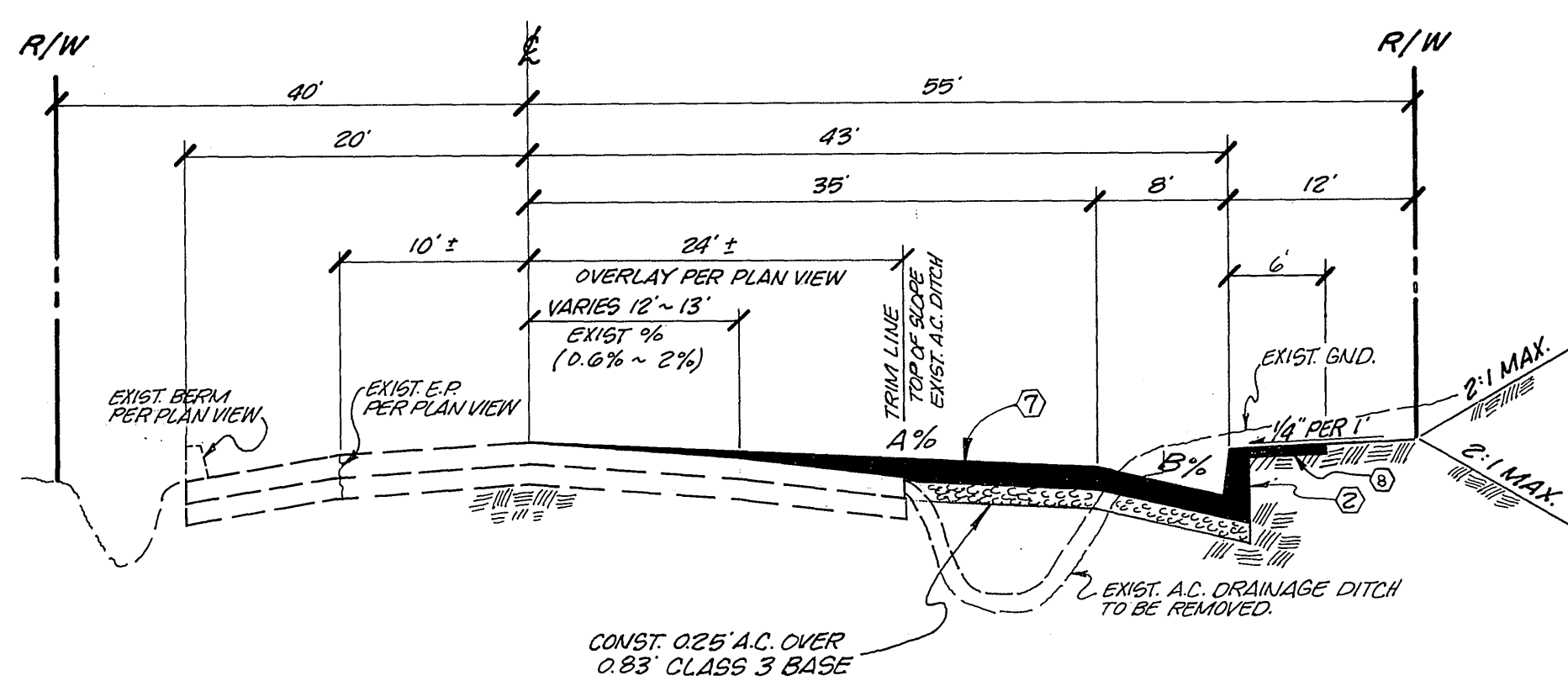
VICINITY MAP  
NO SCALE

GENERAL NOTES:

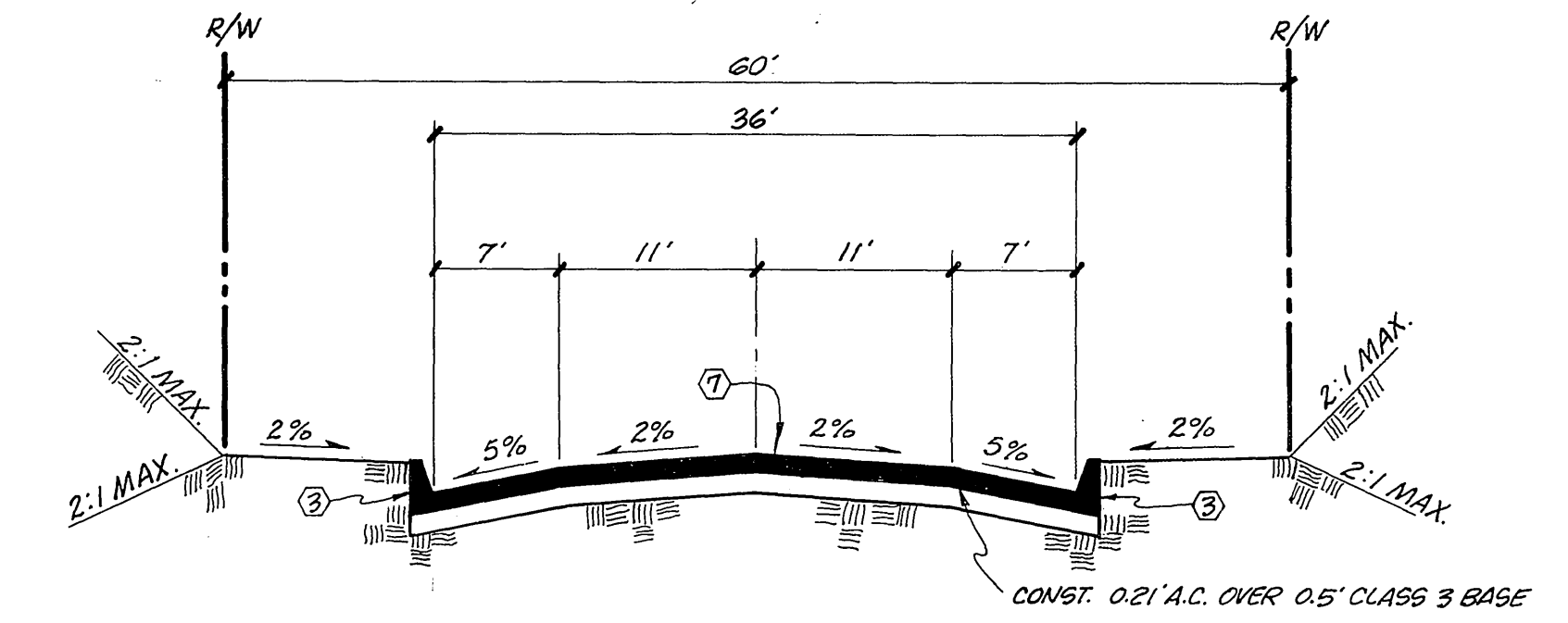
- All work shall conform to the requirements of the Riverside County Road Department Specifications for the improvements of subdivision streets, dated 1977, County Ordinance 461, and subsequent amendments 4613, 677.
- The Contractor shall be responsible for the clearing of the proposed work area, and relocation and cost of all existing utilities. Subdivider must inform County of construction schedule at least 30 days prior to the beginning of construction.
- Subdivider will install street signs conforming to County Standard No. 816.
- It shall be the responsibility of the Contractor to notify the Engineer, after the base course for the street has been installed, to install street centerline monuments required by Riverside County Ordinance No. 461 and shown as —O— on the Plans. Centerline monuments may be set before or after pavement and base course for the street has been installed. If these monuments are set after the street structural section is in place, such monuments shall be cast in place in neat holes and removed pavement shall be replaced with hot plant mix material or a quick-set concrete admixture with spike and surface washer as shown on County Standard No. 902.
- It shall be the responsibility of the Subdivider or Contractor to apply to the Riverside County Road Department, Permit Section, for an encroachment permit for all work on existing County maintained roads, however, encroachment permit will be required for sidewalk construction within the dedicated section.
- 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 and Drainage.
- Prime coat required prior to paving all grades in excess of 10%.
- Curb depressions and driveway approaches will be installed and constructed according to Standard No. 207 as directed in the field.
- All street sections are tentative. Additional soils test will be taken after rough grading to determine the exact street section requirements. Base thickness shown on these plans are for bond estimate purposes only.
- "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

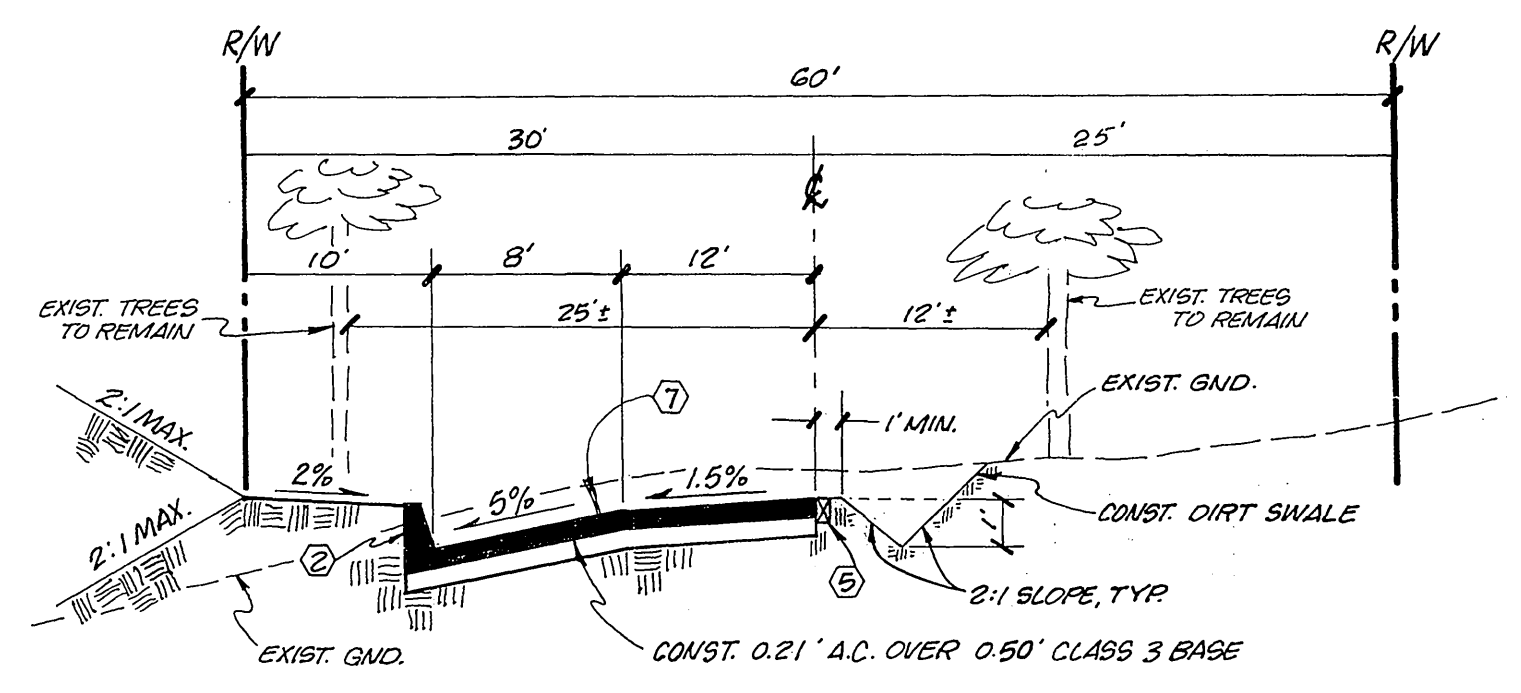
- Construct A.C. Paving over Class 3 Base per typical sections.
- Construct A.C. Dike (8")
- Construct A.C. Dike (6") per detail as shown on Riverside County Standard No. 105.
- Construct concrete cross gutter per Riverside County Standard No. 210. Width = 10'
- Place 2" x 4" redwood header
- Construct A.C. overside drain per Riverside County Standard No. 306.
- Place fog seal per General note 10.
- Const. 2" A.C. S/W



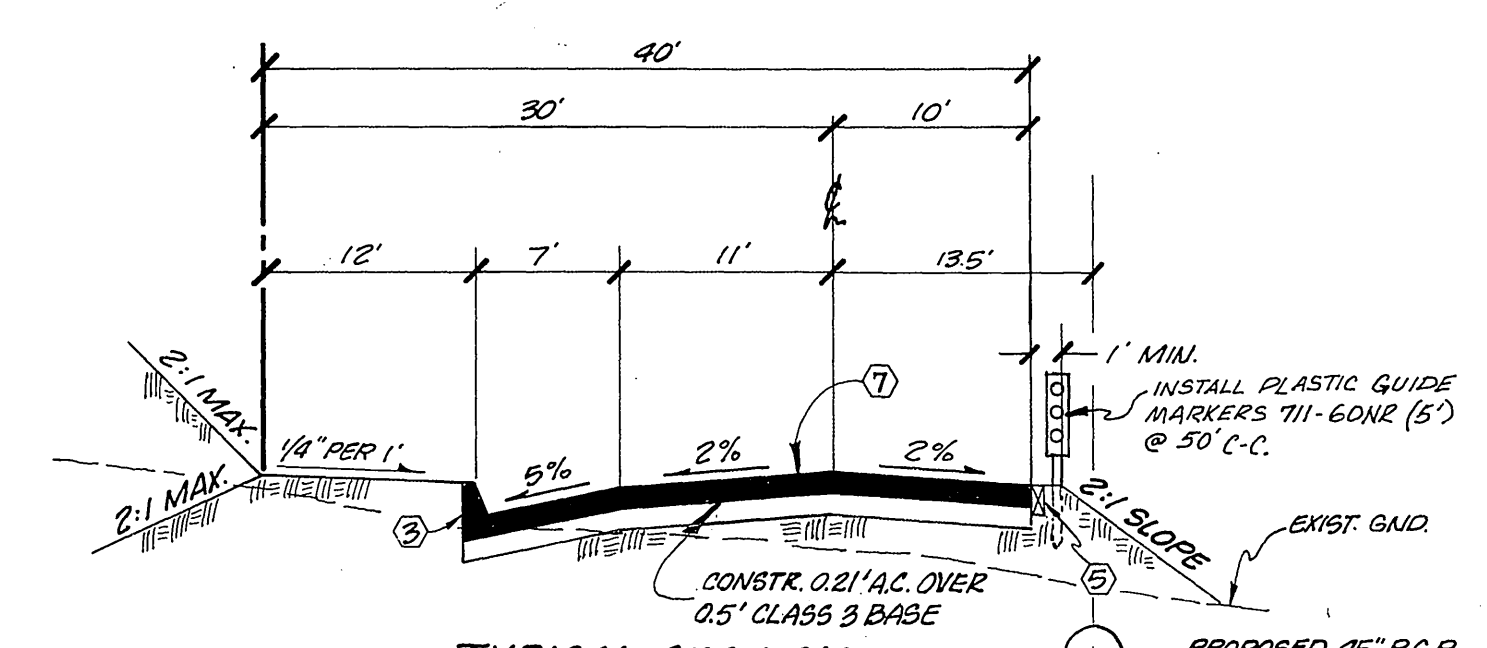
TYPICAL SECTION  
NO SCALE  
T.I. = 7.0  
LA SIERRA AVE.



TYPICAL SECTION  
NO SCALE  
T.I. = 5.0  
KAYJAY STREET (W'LY.)



TYPICAL SECTION  
NO SCALE  
T.I. = 6.0  
CLEVELAND AVE.



TYPICAL SECTION  
NO SCALE  
T.I. = 5.5  
KAYJAY STREET (N'LY.)

LA SIERRA AVE. CROSS FALL SCHEDULE					
STATION	EXIST. %	A %	B %	REMARKS	
120 + 00 (FUTURE)	1.25%	1.25%	5.56%	Overlay from 12' Rt.	
120 + 50 (FUTURE)	1.17%	1.50%	5.94%	"	
121 + 00 (FUTURE)	1.67%	1.67%	4.75%	"	
121 + 64.56	0.9%	1.50%	5.33%	"	
122 + 00	0.6%	1.50%	5.42%	"	
122 + 50	1.5%	1.50%	5.00%	"	
123 + 00	1.0%	1.50%	5.62%	"	
123 + 50	1.17%	1.50%	5.20%	"	
124 + 00	1.58%	1.58%	4.75%	Overlay from 12' Rt.	
124 + 50	1.83%	1.50%	4.75%	Overlay from Centerline	
125 + 00	0.6%	1.50%	5.30%	Overlay from 12' Rt.	
125 + 47.01	1.12%	1.50%	5.88%	Overlay from 12.5' Rt.	
126 + 00	1.31%	1.50%	5.88%	Overlay from 13' Rt.	
126 + 50	0.54%	1.91%	6.00%	"	
127 + 00	1.15%	1.50%	6.00%	Overlay from 13' Rt.	
127 + 50	2.0%	2.0%	4.88%	Join EP @ 23' Rt.	

ESTIMATE OF QUANTITIES

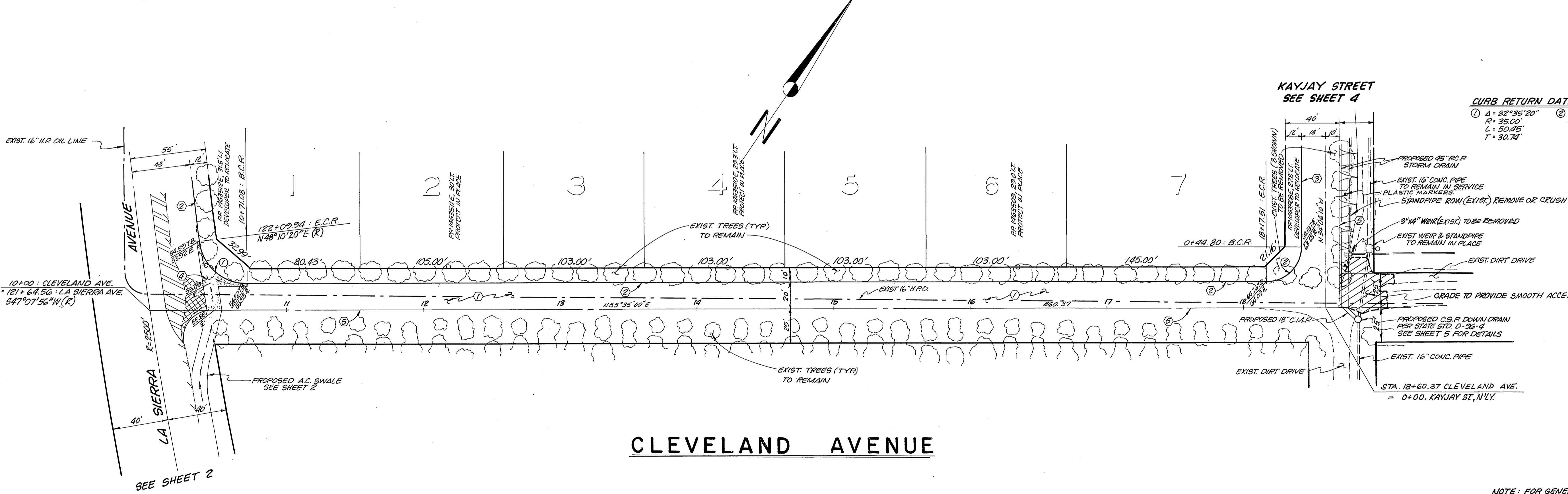
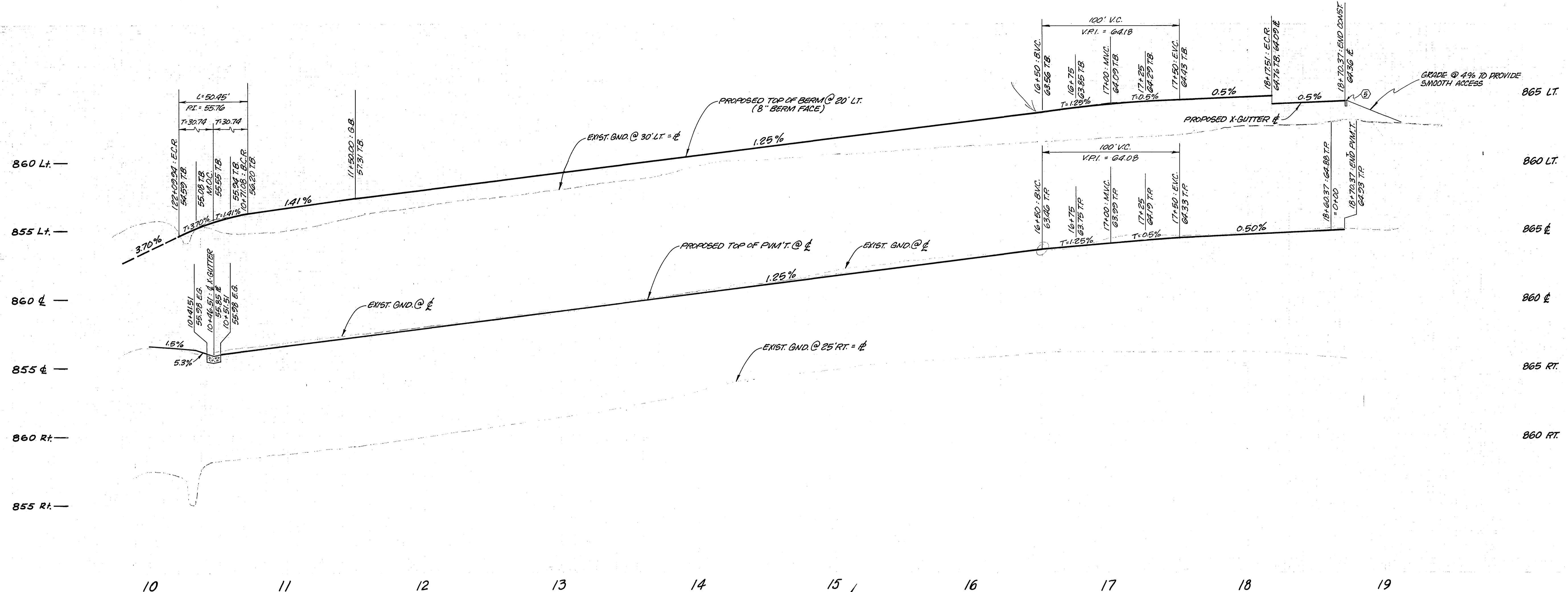
FOG SEAL	77,500 S.F.
DRIVEWAY APPROACHES (A.C.)	22 EA.
TREE REMOVAL	204 EA.
A.C. PAVEMENT (25')	57,560 S.F.
A.C. PAVEMENT (30')	10,920 S.F.
A.C. PAVEMENT (2.0') - DRAINAGE SWALES	2,340 S.F.
AGGREGATE BASE (6')	59,560 S.F.
AGGREGATE BASE (10')	10,920 S.F.
P.V.M.T. OVERLAY	22.5 TONS
P.V.M.T. REMOVAL & REPLACEMENT	450 S.F.
CROSS GUTTER & SPANDRELS	508 S.F.
A.C. DIKE W/ 8" FACE	1,446 L.F.
A.C. DIKE W/ 6" FACE	1,906 L.F.
2" x 4" REDWOOD HEADER	1,300 L.F.
STREET SIGNS	4 ea.
NO. 7 1/2" - 60# (5') MARKERS	17 ea.
MORTAR DRAINAGE APRON	1 ea.
HEADWALL OUTLET	1 ea.
C.S.P. DOWN DRAIN INLET	1 ea.
MORTAR HEADWALL, 2" AIR-BLOWN	1 ea.
45" R.C.P. (D=1500)	632 L.F.
18" C.M.P.	108 L.F.

POWER POLE RELOCATION W/O TRANSFORMERS 2 EA.  
ROADWAY EXCAVATION 2510 CU.YDS.  
RETARDING BASIN EXCAVATION 2990 CU.YDS.  
S.D. CHANNEL EXCAVATION 400 CU.YDS.

Contractor agrees that he shall assume sole and complete responsibility for job site conditions during the course of construction of this Project, including safety of all persons and property; that this requirement shall apply continuously and not be limited to normal working hours; and that the Contractor shall defend, indemnify and hold the Owner and the Engineer harmless from any and all liability, real or alleged, in connection with the performance of work on this Project, excepting for liability arising from the sole negligence of the Owner or the Engineer.

REVISIONS: REMOVE RETARDING BASIN & PROVIDE CURB OUTLET ON LA SIERRA (SEE SHT. 2)	APPROVED BY:  REGISTERED CIVIL ENGINEER NO. 12592	<b>J. F. DAVIDSON ASSOCIATES</b> CIVIL ENGINEERS - SURVEYORS - PLANNERS RIVERSIDE, CALIFORNIA	COUNTY OF RIVERSIDE <b>TRACT 9991</b> PLANS <b>INDEX MAP</b>	<b>5085</b> OF 5 SHEETS FILE NO. 5085
DESIGNED BY: A.W. DRAWN BY: E.B. CHECKED BY: A.W.	DATE: 8/30/78 APPROVED BY:  RIVERSIDE COUNTY, CALIF. FOR ROAD COMMISSIONER	SCALE: AS SHOWN DATE: JULY, 1978	BENCH MARK: BRASS DISC IN CONC., 144' N.E. OF LA SIERRA & ARIZONA, 36' N.E. OF LA SIERRA AVE. ELEV. = 783.41' W.O.5262 FOR: KEUSDER ENT. F.B.1041/143A-J	R-296-5 5085





**CURB RETURN DATA:**

① Δ = 82°35'20"	② Δ = 89°41'10"
R = 35.00'	R = 25.00'
L = 50.05'	L = 39.13'
T = 30.74'	T = 24.86'

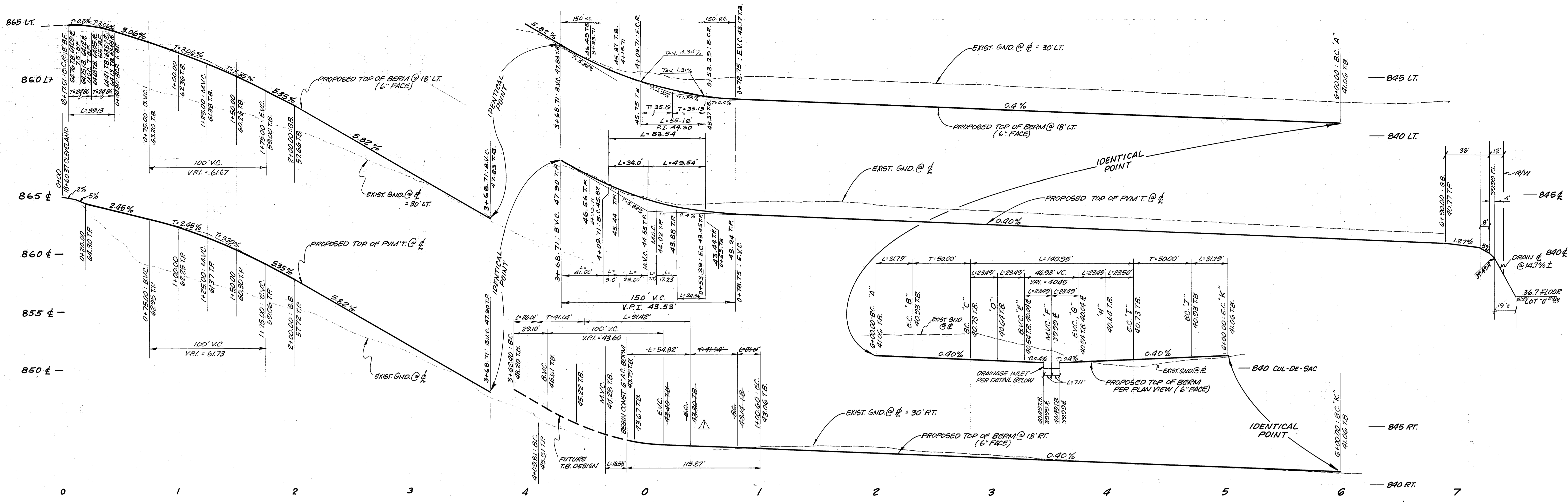
**CLEVELAND AVENUE**

NOTE: FOR GENERAL NOTES & CONSTRUCTION NOTES SEE SHEET 1.

Contractor agrees that he shall assume sole and complete responsibility for job site conditions during the course of construction of this Project, including safety of all persons and property; that this requirement shall apply continuously and not be limited to normal working hours; and that the Contractor shall defend, indemnify and hold the Owner and the Engineer harmless from any and all liability, real or alleged, in connection with the performance of work on this Project, excepting for liability arising from the sole negligence of the Owner or the Engineer.



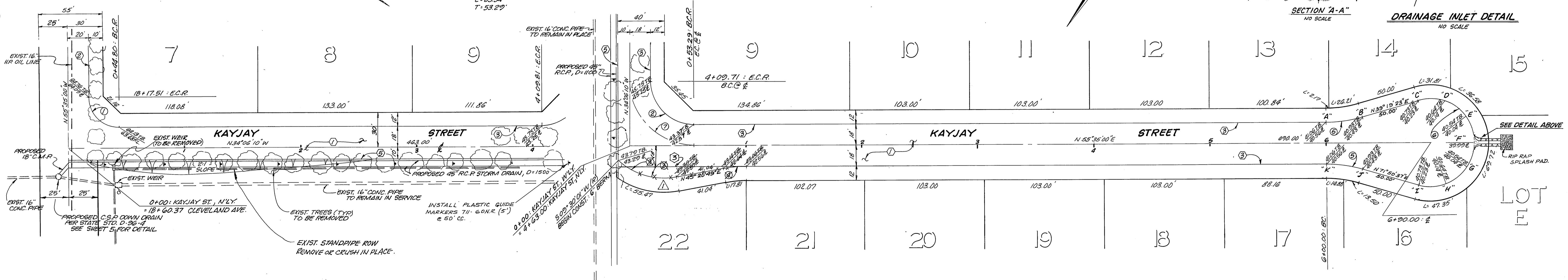
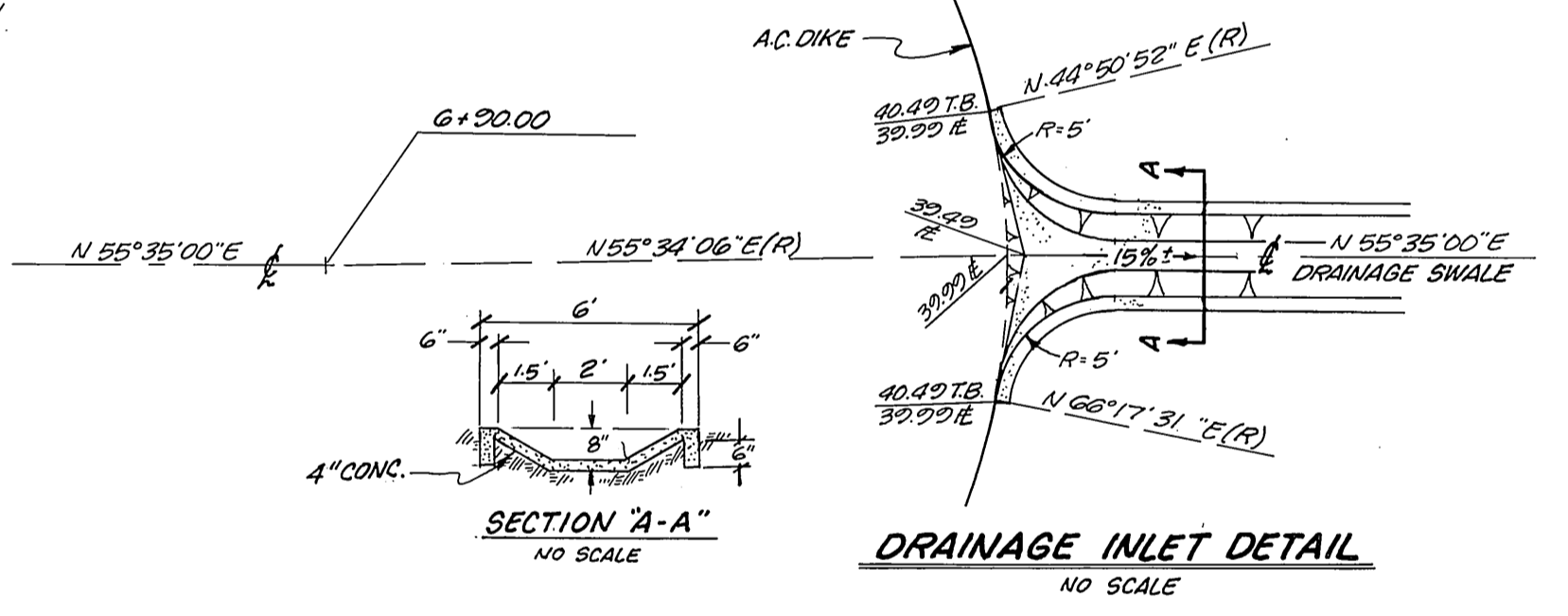
<b>REVISIONS:</b> _____ _____ _____	APPROVED BY:  REGISTERED CIVIL ENGINEER No. 17952	<b>J. F. DAVIDSON ASSOCIATES</b> CIVIL ENGINEERS - SURVEYORS - PLANNERS RIVERSIDE, CALIFORNIA	PLAN & PROFILE		<b>3</b> OF 5 SHEETS
	DATE: 8/30/78		SCALE: HORIZ. 1" = 40' VERT. 1" = 4'	TRACT 9991 CLEVELAND AVENUE	
APPROVED BY:  RIVERSIDE COUNTY, CALIF. FOR ROAD COMMISSIONER	DATE: 5-7-79	BENCH MARK: BRASS DISC IN CONC., 144' N.E. OF LA SIERRA & ARIZONA, 36' N.E. OF LA SIERRA AVE. ELEV. 783.41	W.O. 5262 FOR: KEUSDER ENT. F.B. 1009/143 A-J		R-2765



**CURB RETURN & CURVE DATA:**

① Δ = 90°41'10"	② Δ = 90°18'50"	③ Δ = 54°29'12"
R = 25.00'	R = 35.00'	R = 58.00'
L = 39.13'	L = 55.16'	L = 54.82'
T = 24.86'	T = 35.19'	T = 29.65'
④ Δ = 10°14'11"	⑤ Δ = 16°15'31"	⑥ Δ = 212°31'14"
R = 112.60'	R = 112.00'	R = 38.00'
L = 26.01'	L = 31.79'	L = 140.25'
T = 8.29'	T = 16.00'	
⑦ Δ = 90°18'50"		
R = 53.00'		
L = 83.34'		
T = 53.29'		

CLEVELAND AVE.  
SEE SHEET 3

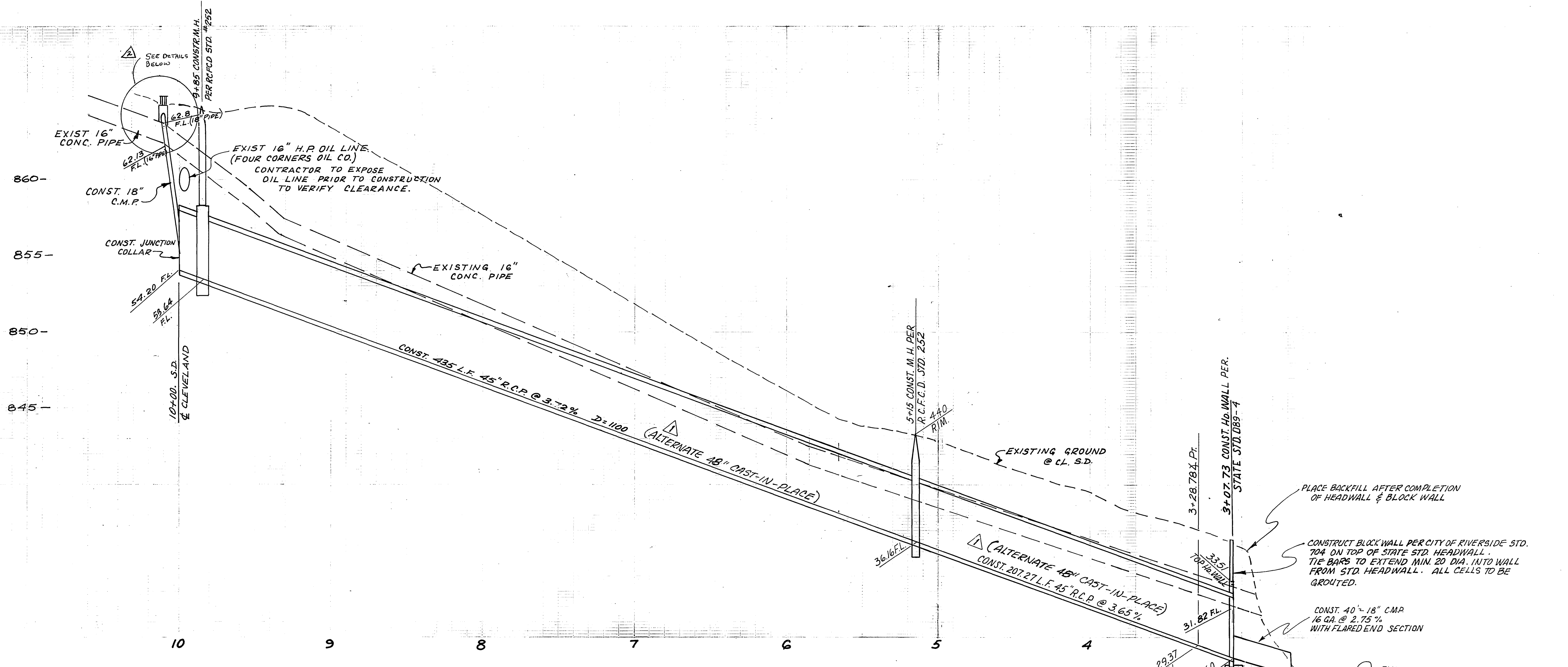


NOTE: FOR GENERAL NOTES & CONSTRUCTION NOTES, SEE SHEET 1. FOR TYPICAL SECTIONS, SEE SHEET 2.

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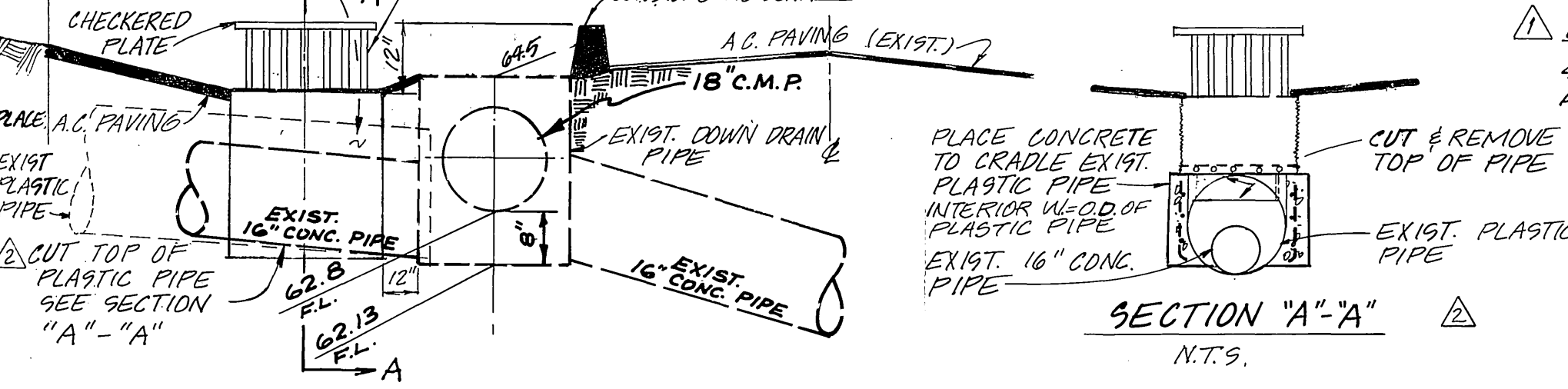
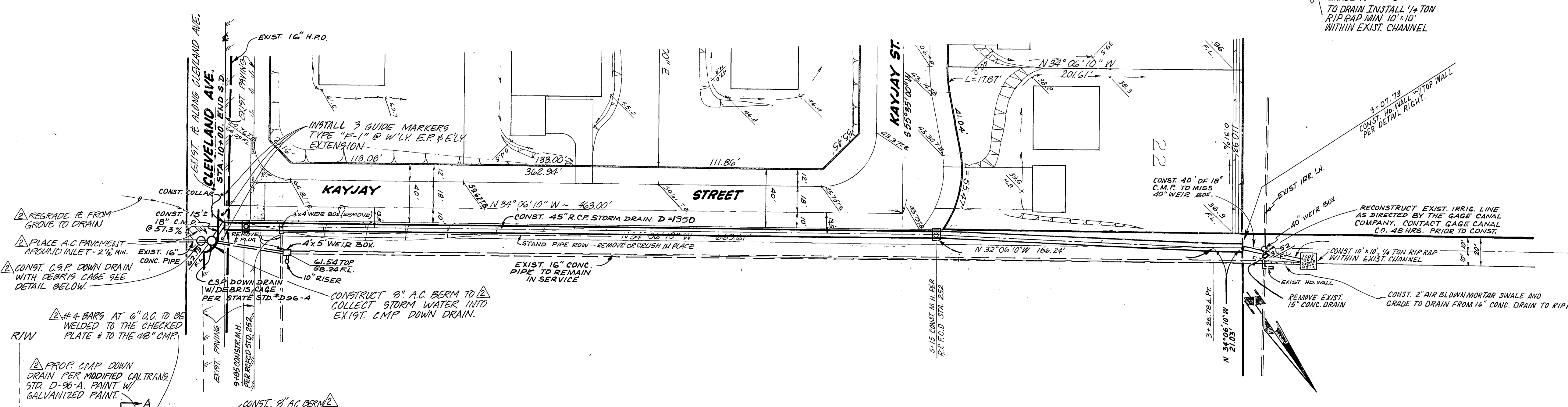
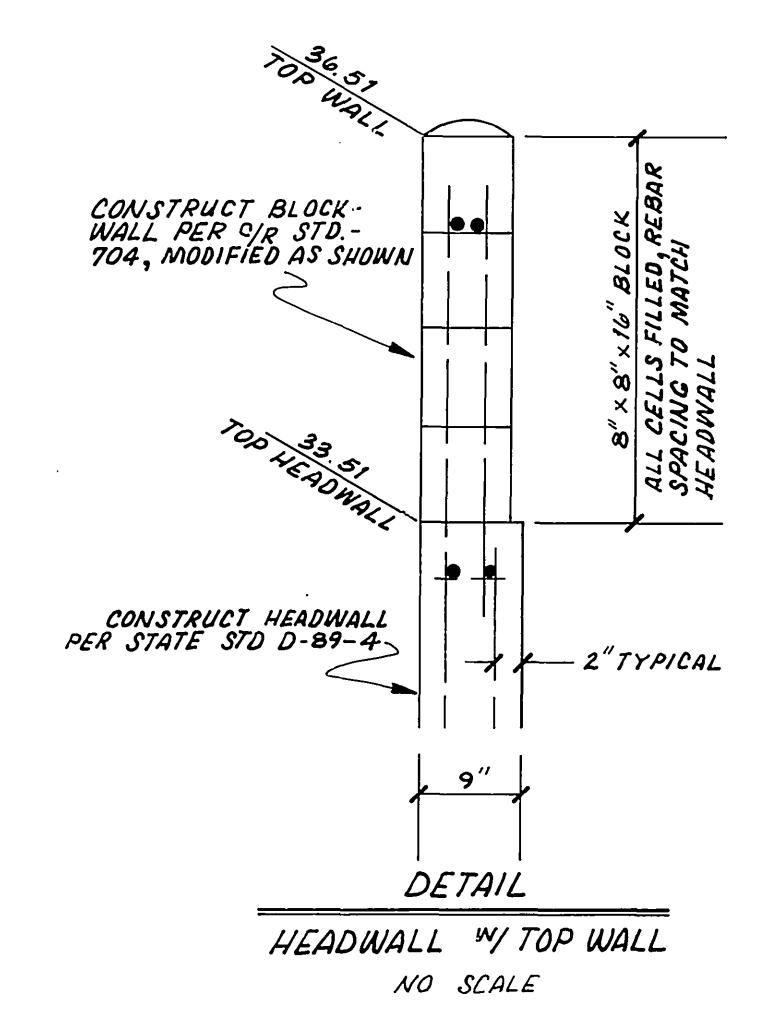
REVISIONS:	APPROVED BY: <i>John W. Canty</i> REGISTERED CIVIL ENGINEER No. 12950	J. F. DAVIDSON ASSOCIATES CIVIL ENGINEERS - SURVEYORS - PLANNERS RIVERSIDE, CALIFORNIA	PLAN & PROFILE	4
	DATE: 8/30/78	SCALE: HORIZ. 1" = 40' VERT. 1" = 4'	TRACT 9991 KAYJAY STREET	
	APPROVED BY: <i>Joseph C. Huettner</i> RIVERSIDE COUNTY, CALIF. FOR ROAD COMMISSIONER	BENCH MARK: BRASS DISC IN CONC., 144' N.E. OF LA SIERRA & ARIZONA, 36' N.E. OF LA SIERRA AVE. ELEV. = 783.41'	W.O. 5262 FOR: KEUSDER ENT.	FILE NO. 5085
	DATE: 5-7-79	DATE: JULY, 1978	F.B. 1044/143A-J	R-2965



PLACE BACKFILL AFTER COMPLETION OF HEADWALL & BLOCK WALL

CONSTRUCT BLOCK WALL PER CITY OF RIVERSIDE STD. 704 ON TOP OF STATE STD. HEADWALL. TIE BARS TO EXTEND MIN. 20 DIA. INTO WALL FROM STD. HEADWALL. ALL CELLS TO BE GROUTED.

CONST. 40" 18" C.M.P. 16 GA. @ 2.75% WITH FLARED END SECTION



**NOTE**  
45" CAST IN PLACE STORM DRAIN IS AN ACCEPTABLE ALTERNATE

**DOWN DRAIN DETAIL**  
SEE STATE STD. #D96-4 (1977)  
N.T.S.

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REVISIONS: 1. ADDED CAST-IN-PLACE ALTERNATE 2. REVISE INLET STRUCTURE	APPROVED BY: <i>J. W. Canty</i> REGISTERED CIVIL ENGINEER NO. 72520 DATE: 8/30/78	<b>J. F. DAVIDSON ASSOCIATES</b> CIVIL ENGINEERS - SURVEYORS - PLANNERS RIVERSIDE, CALIFORNIA	<b>STORM DRAIN.</b> <b>TRACT 9991</b>	<b>5</b> OF 5 SHEETS FILE NO.: 5085
	APPROVED BY: <i>Joseph C. Scantella</i> FOR ROAD COMMISSIONER DATE: 5-7-79			

R-2965