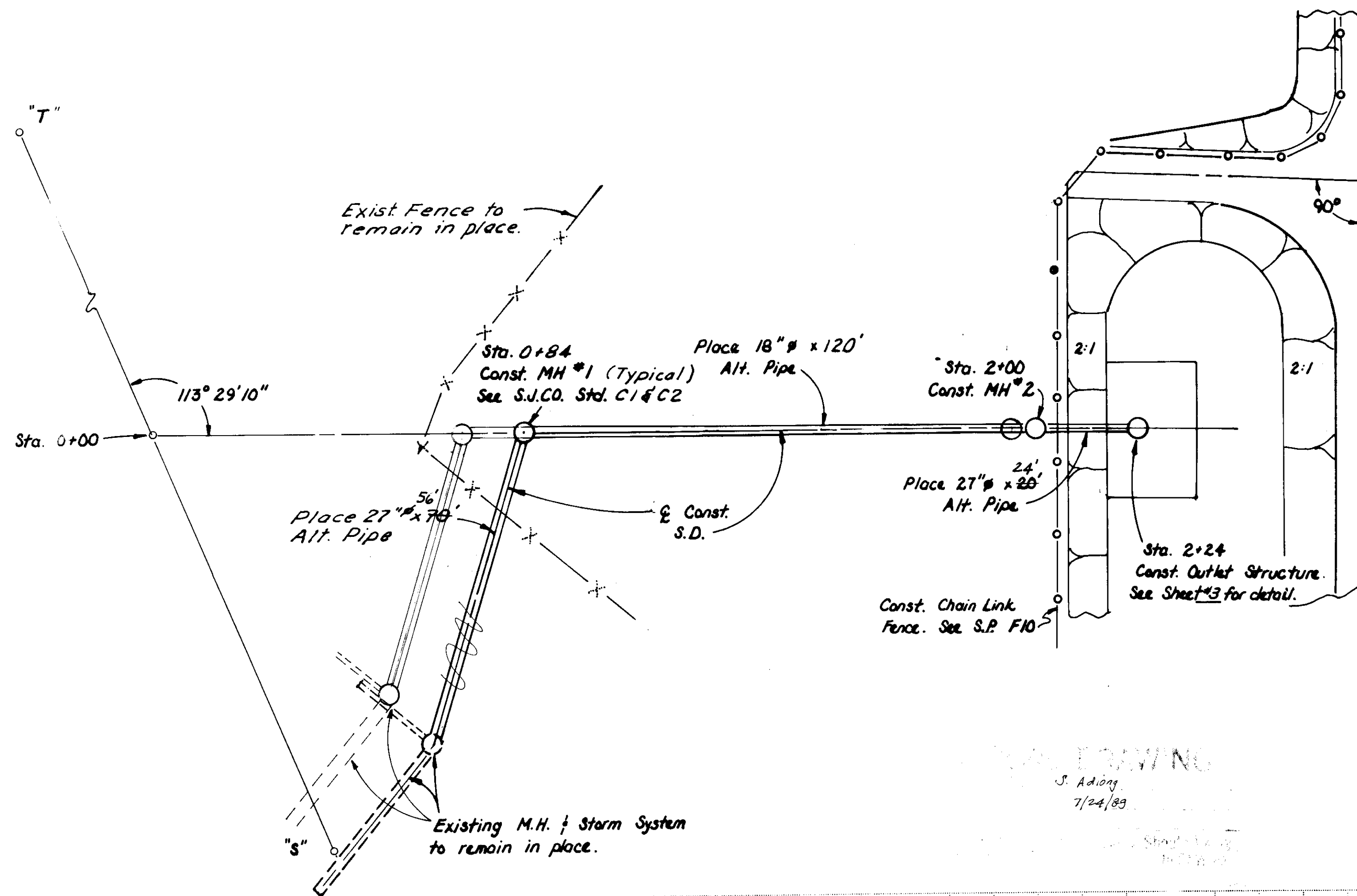
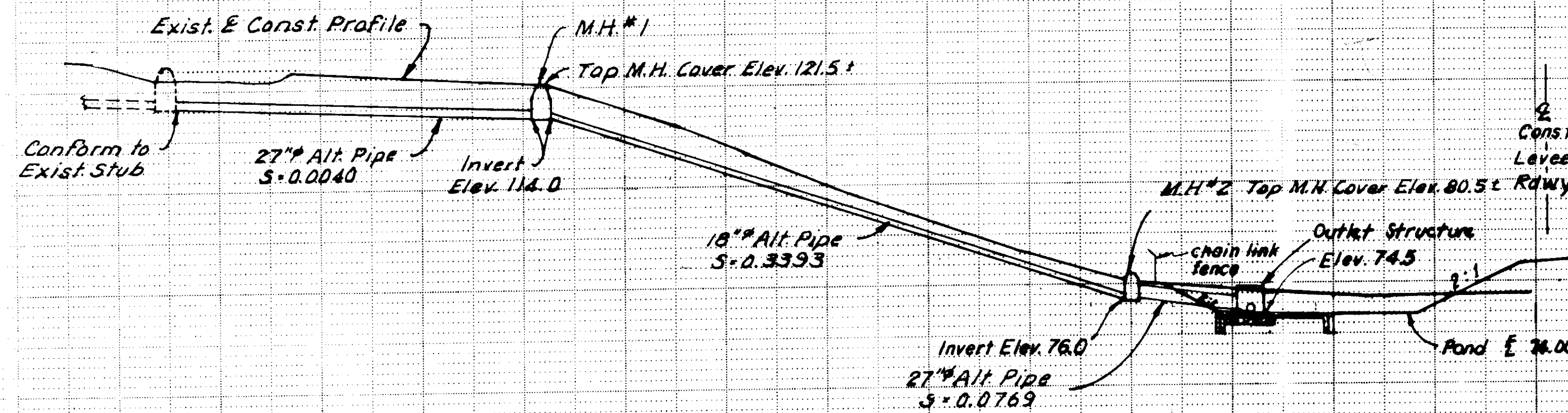
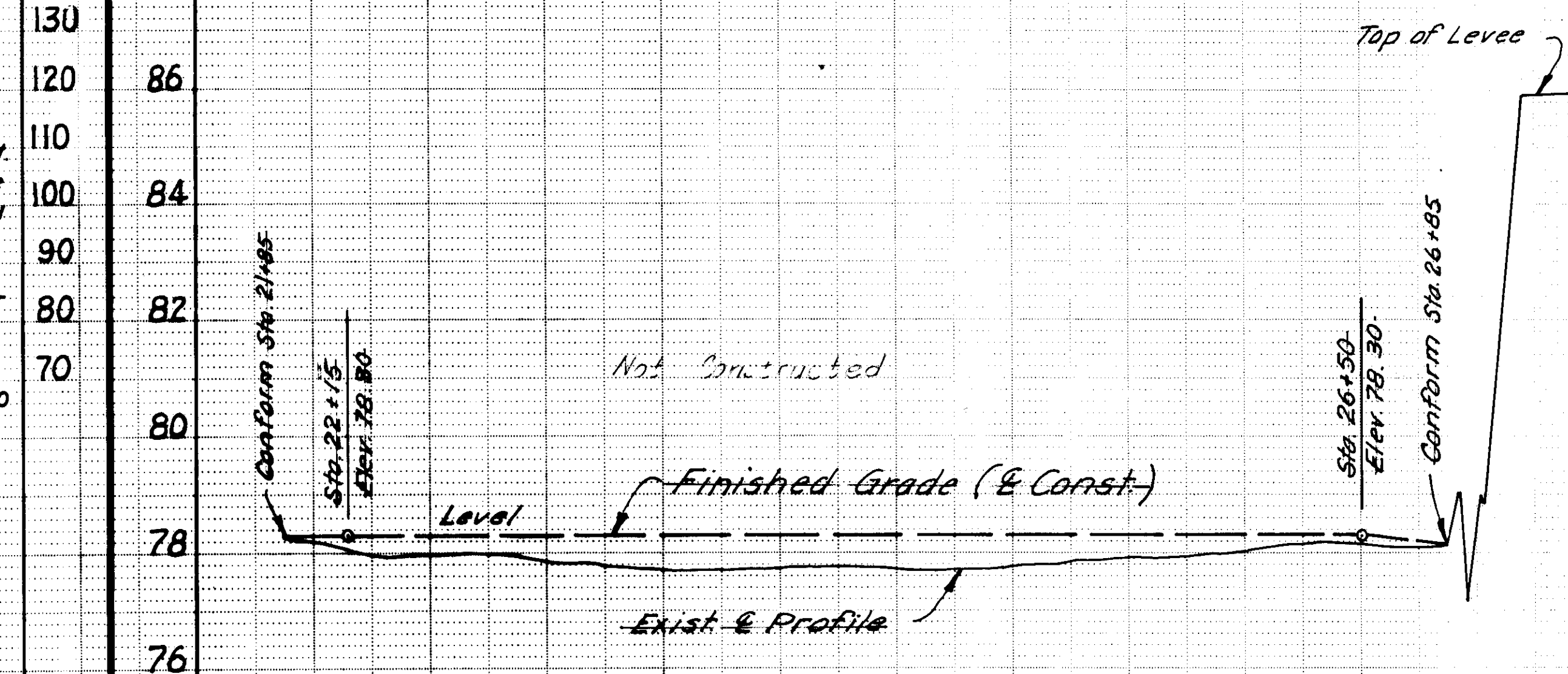




J. Adang
7/24/89



STORM DRAINAGE SYSTEM PROFILE



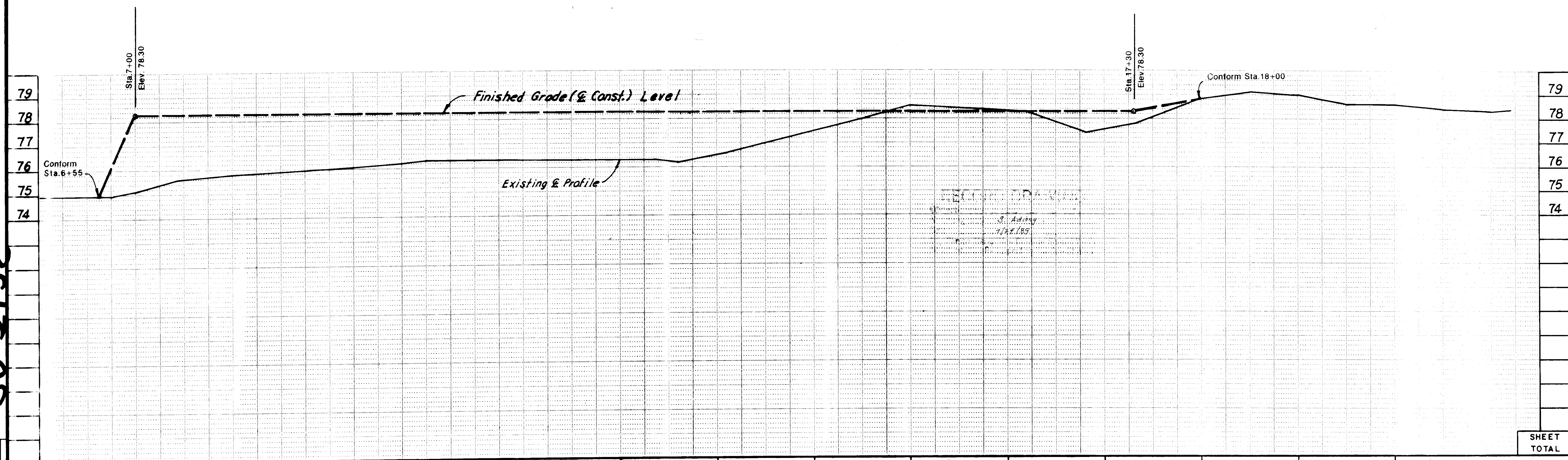
FARM ROADWAY PROFILE

SU-2131

REVISION DATE	Cu. Exc. 0 Yds. Emb. 2 STATIONS 0										GRAND TOTAL 9 GRAND TOTAL 1167																					
	DRAWN BY		DATE		PROJECT ENGINEER		DATE		CHECKED		DATE		SUBMITTED		DATE		APPROVED		DATE		COUNTY OF SAN JOAQUIN		PLAN SCALE 1" = 20' VERTICAL SCALE 1" = 20'		FARM RDWY & STORM DRAINAGE SYSTEM PROFILE		PROJECT		CLEMENTS DRAINAGE PROJECT		SHEET NO. 5 TOTAL SHEETS 5	
	FILE NAME		DRAWER		SHEET NO.																											

SU-2132

REVISION	DATE

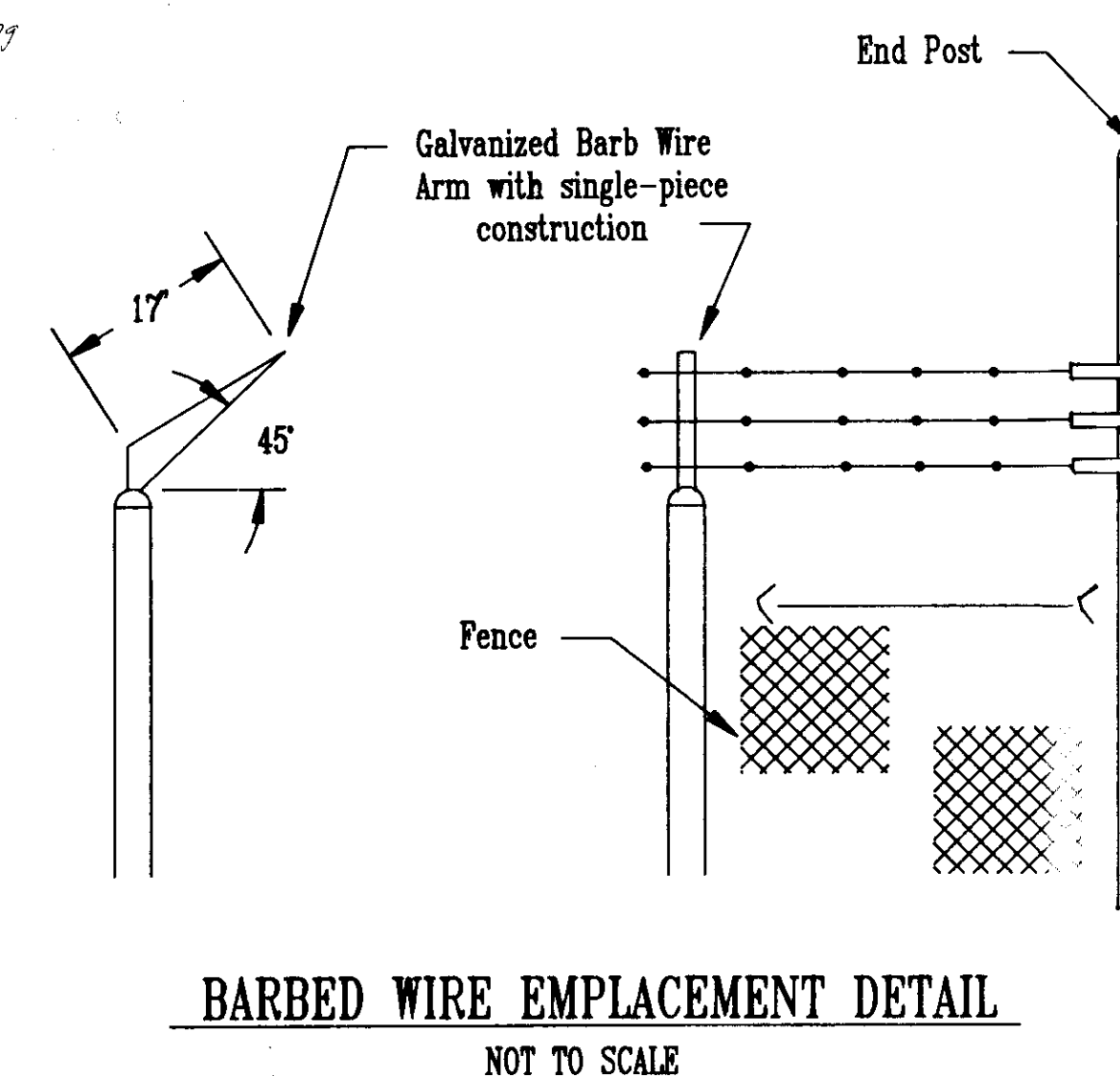
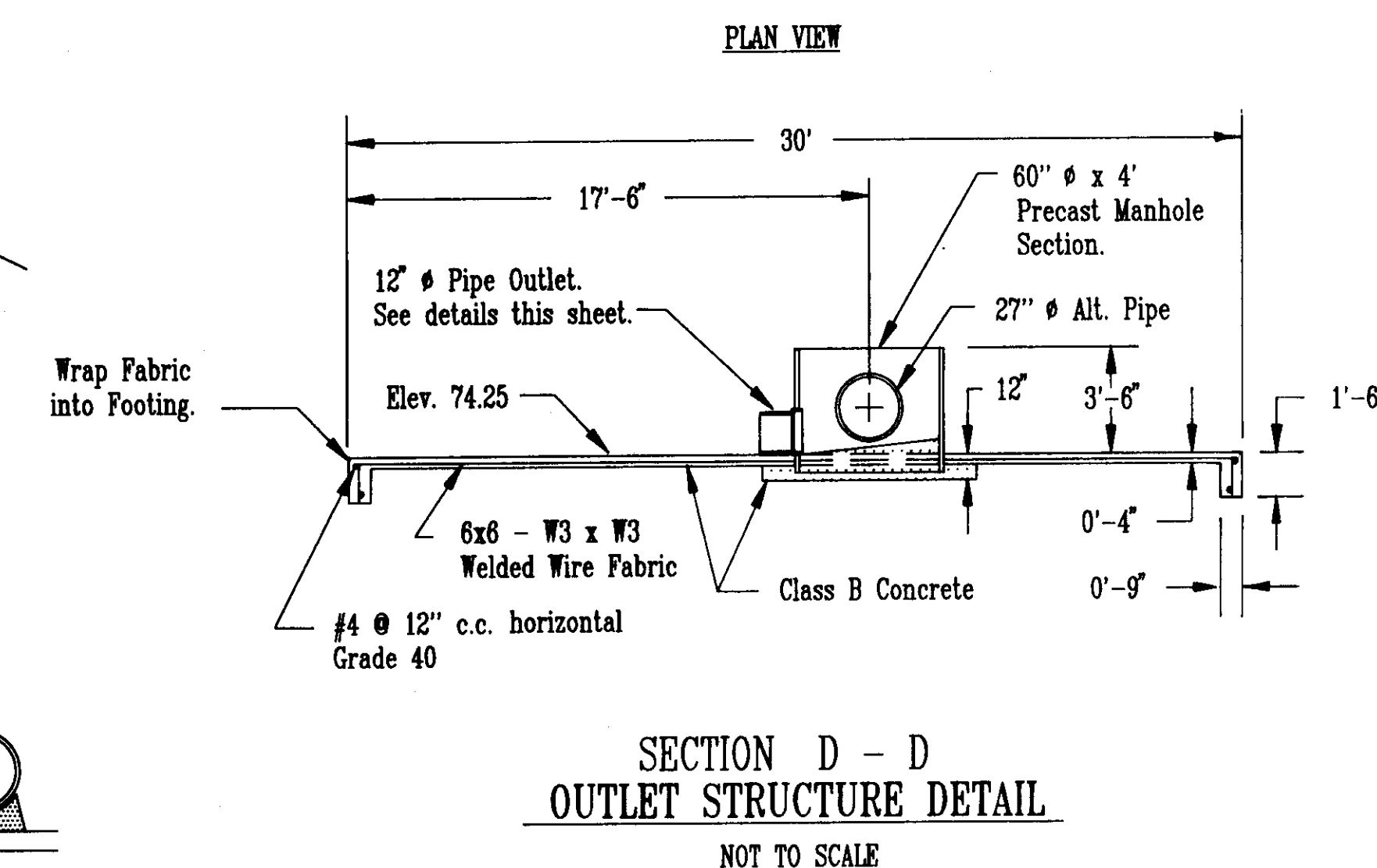
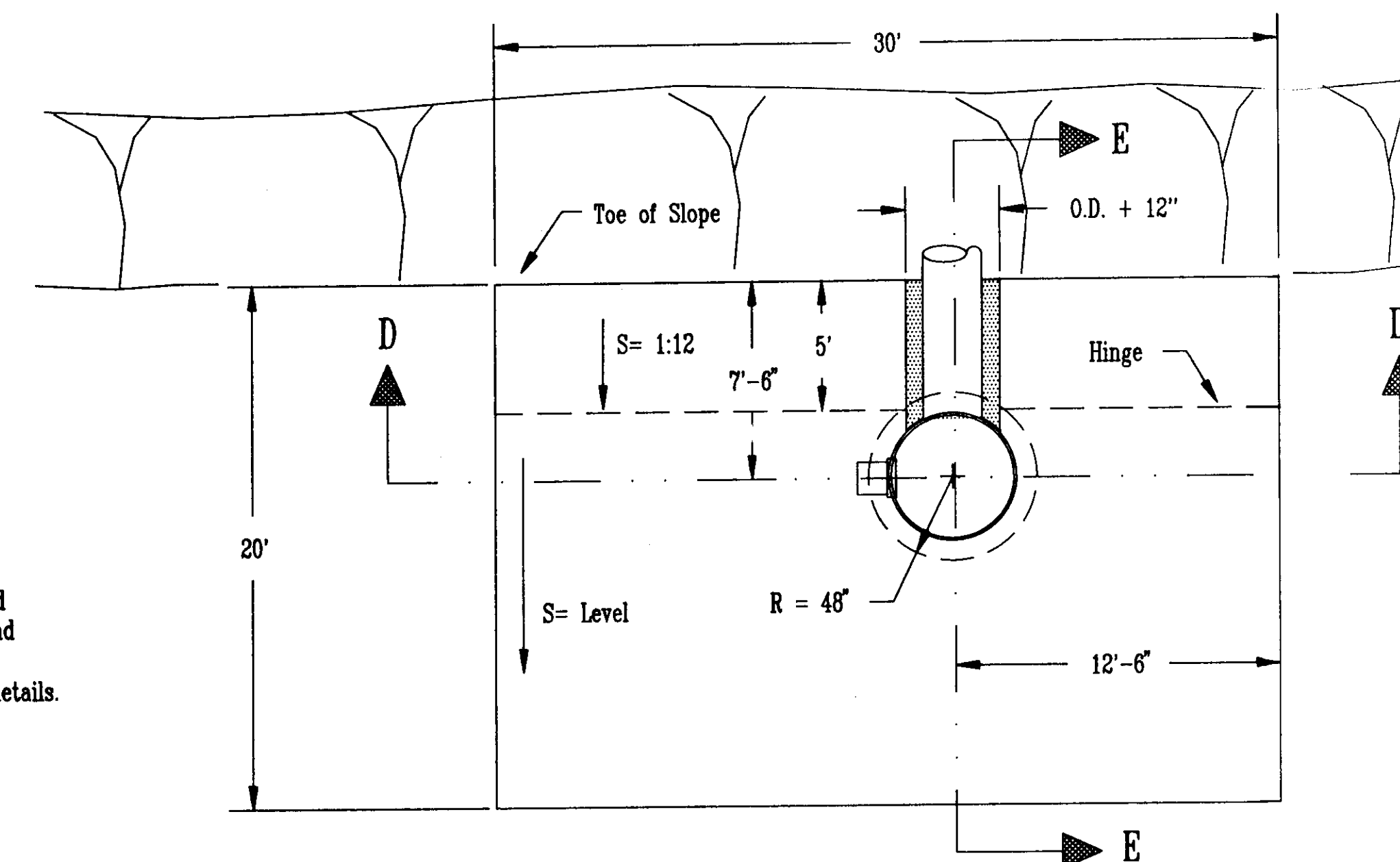
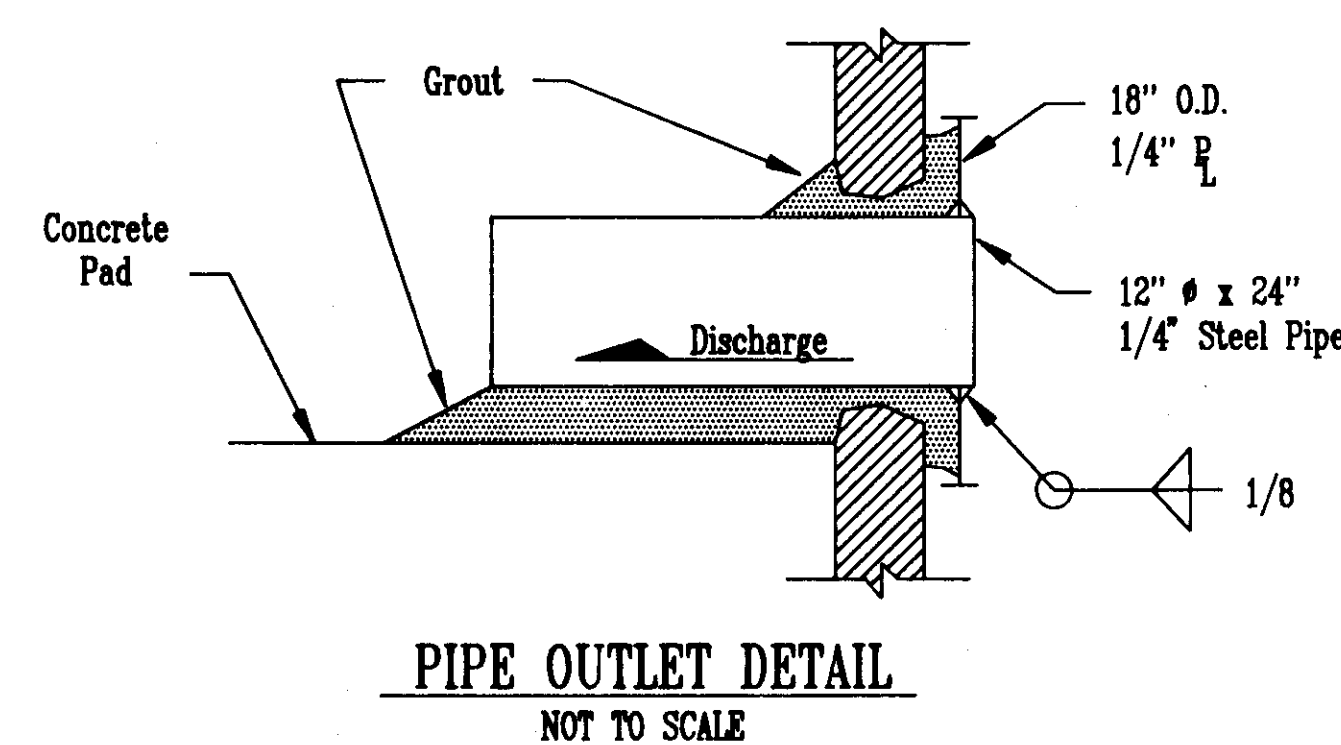
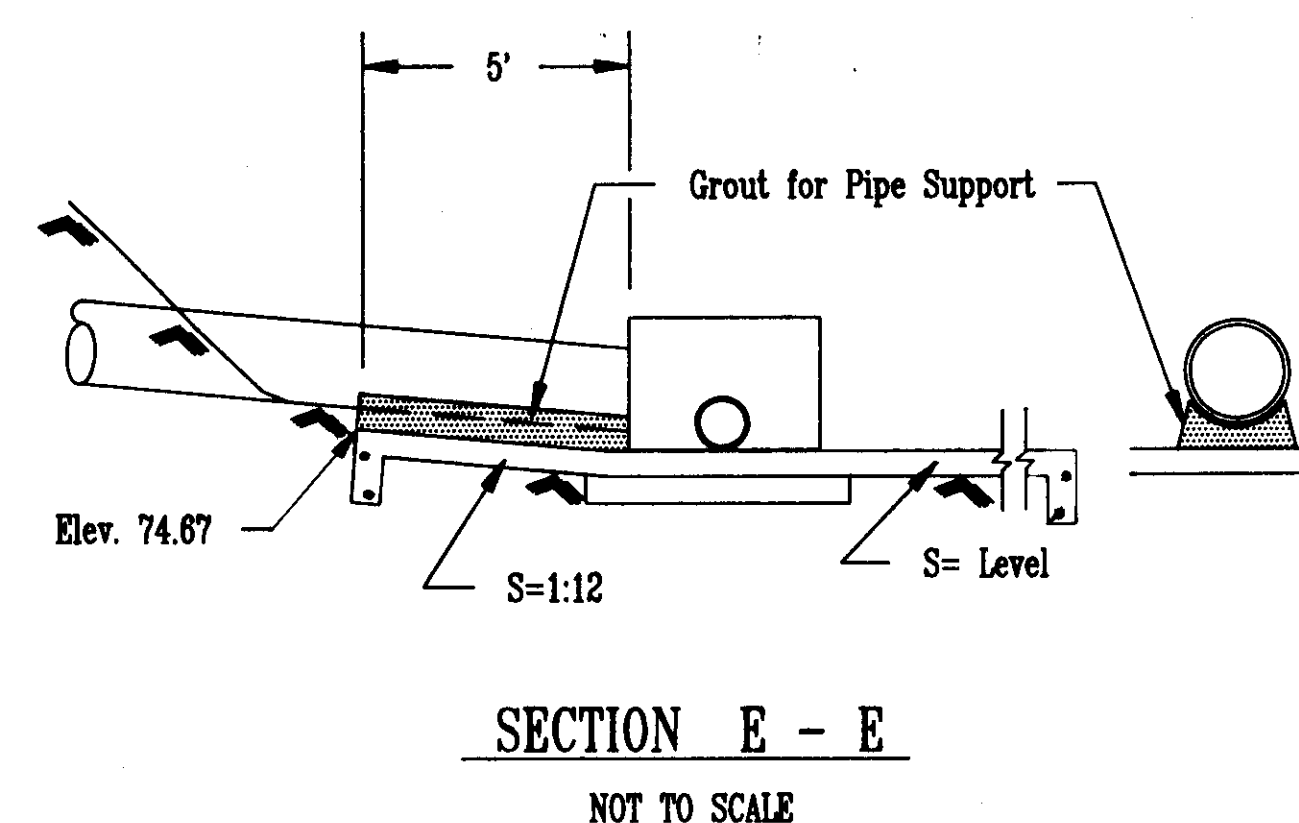
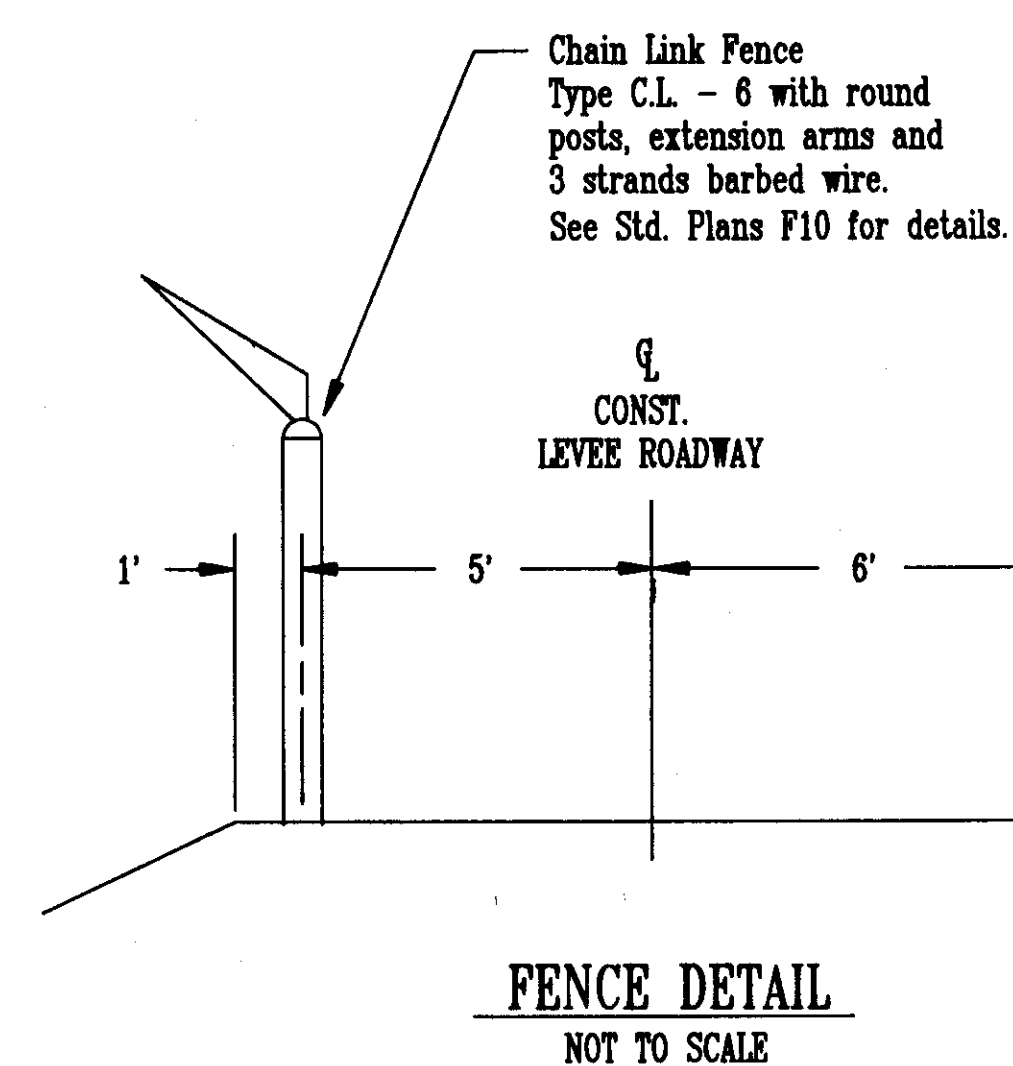
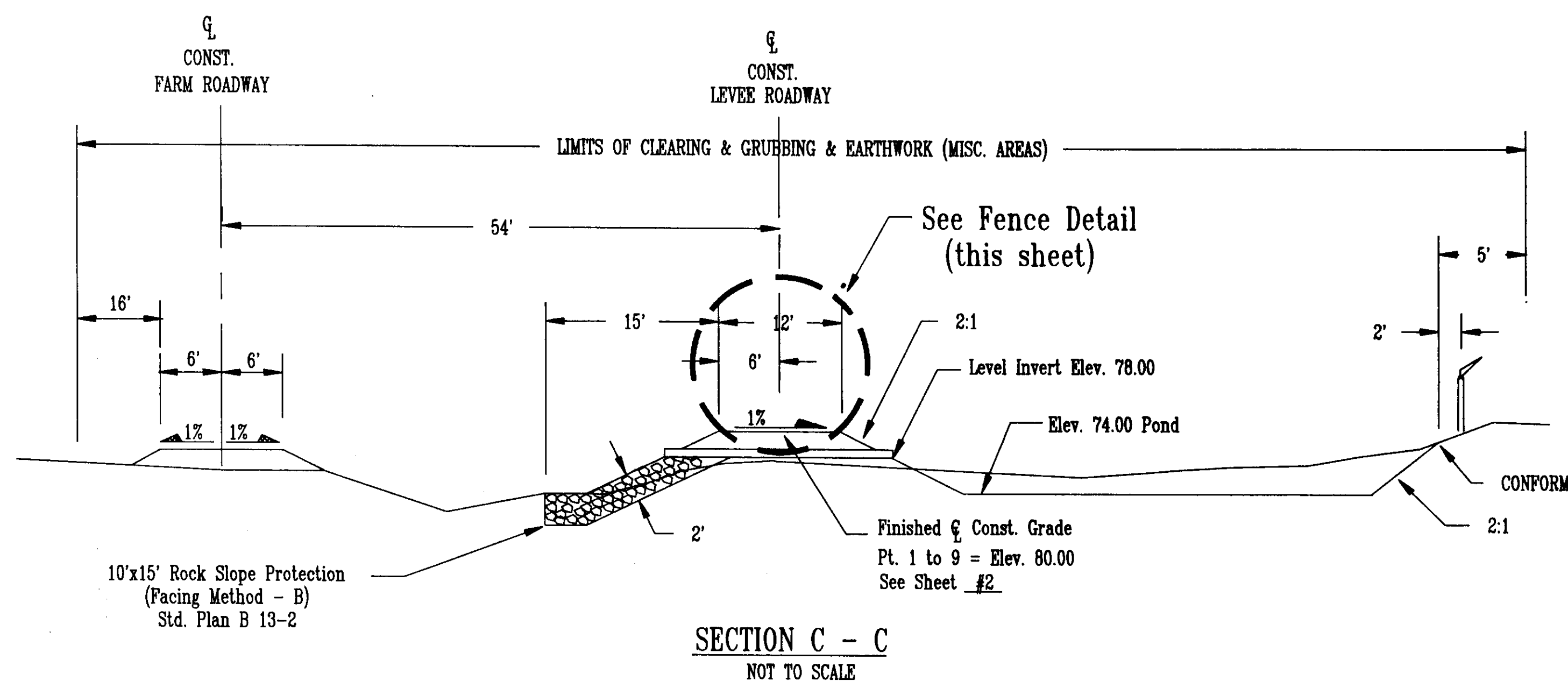
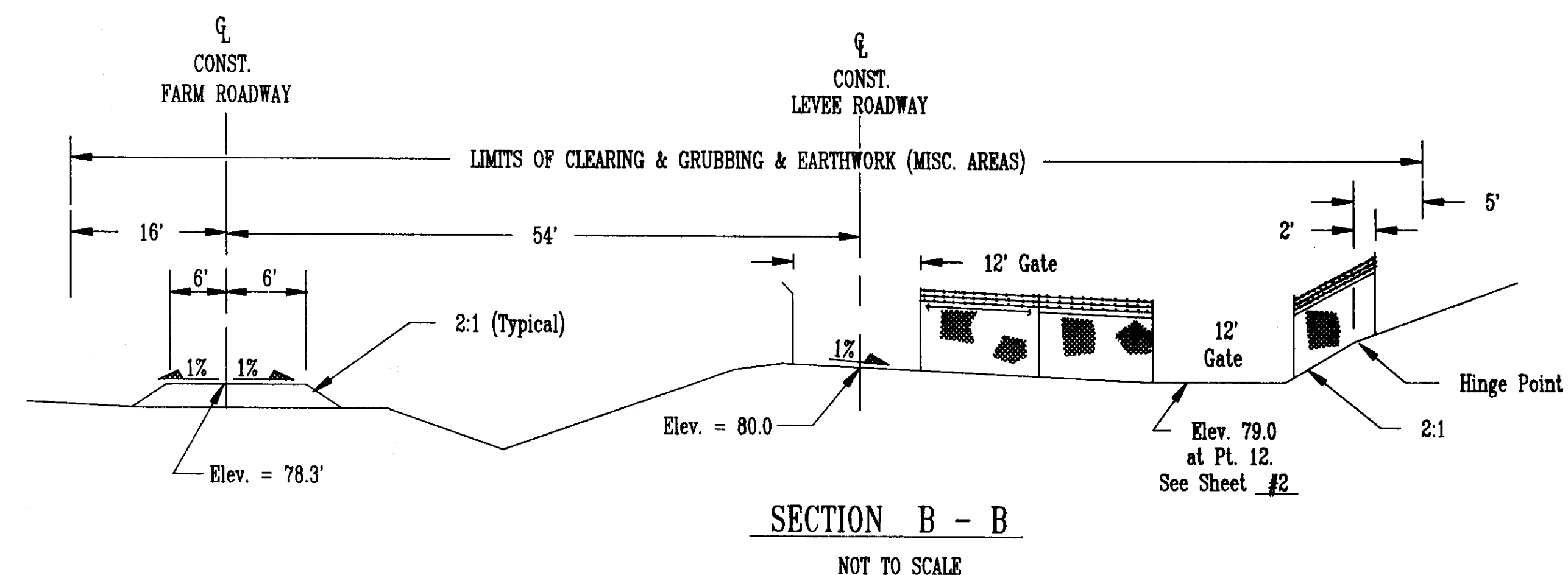


Cu. Yds.	Exc. Emb.	160	206	169	105	146	87	76	85	2	7	25	10						SUB. TOTAL 9	
																			SUB. TOTAL 1069	
STATIONS		7	8	9	10	11	12	13	14	15	16	17	18	19	20					
DRAWN BY	DATE	PROJECT ENGINEER	DATE	CHECKED	DATE	SUBMITTED	DATE	APPROVED	DATE	COUNTY OF SAN JOAQUIN		PROFILE SCALE: 1"=50'		FARM ROADWAY PROFILE		PROJECT	CLEMENTS DRAINAGE PROJECT	SHEET NO	TOTAL SHEETS	
		J. E. White	7/15/00	Charles Kelley	7/16/00	Manuel Davis	7/24/00	[Signature]	7/26/00									4	5	
FILE NAME	DRAWER	SHEET NO																		

The diagram shows a cross-section of a levee and pond area. On the left, there's a "FARM ROADWAY" with a centerline labeled "CL CONST.". To its right is a "CONST. LEVEE ROADWAY" also with a centerline labeled "CL CONST.". A horizontal line marks the "LIMITS OF CLEARING & GRUBBING & EARTHWORK (MISC. AREAS)". Below this, a dimension of "54'" is shown from the farm roadway edge to the start of the clearing limit. The main feature is a circular "Chain Link Fence" structure with a diameter of "12'". This structure sits on a "2:1 (Typical)" slope. Inside the circle, there's a smaller circular area labeled "Elev. 74.00 Pond" with a "POND BOTTOM WIDTH" of "40'". The transition from the pond bottom to the outer slope is labeled "Transition: 40' to 30' 50'". The outer slope is also labeled "2:1". At the top right, it says "See Fence Detail (this sheet)".

SECTION A - A

NOT TO SCALE



DRAWN BY	DATE	PROJECT ENGINEER	DATE	CHECKED BY	DATE	SUBMITTED	DATE	APPROVAL	RECOMMENDED	DATE
TONY REFUERZO & C.A.D.	7/5/88	J.C. White	7/5/88	Charles Kelley	7/5/88	Manuel Llerio	7/29/88	M.L.R.		7/29/88
FILE NAME	NO.	DRAWER	SHEET NO.	C.A.D. FILE						
				CLEMENTS SHEET 3						

COUNTY OF SAN JOAQUIN

SCALE: AS SHOWN

CONSTRUCTION DETAILS

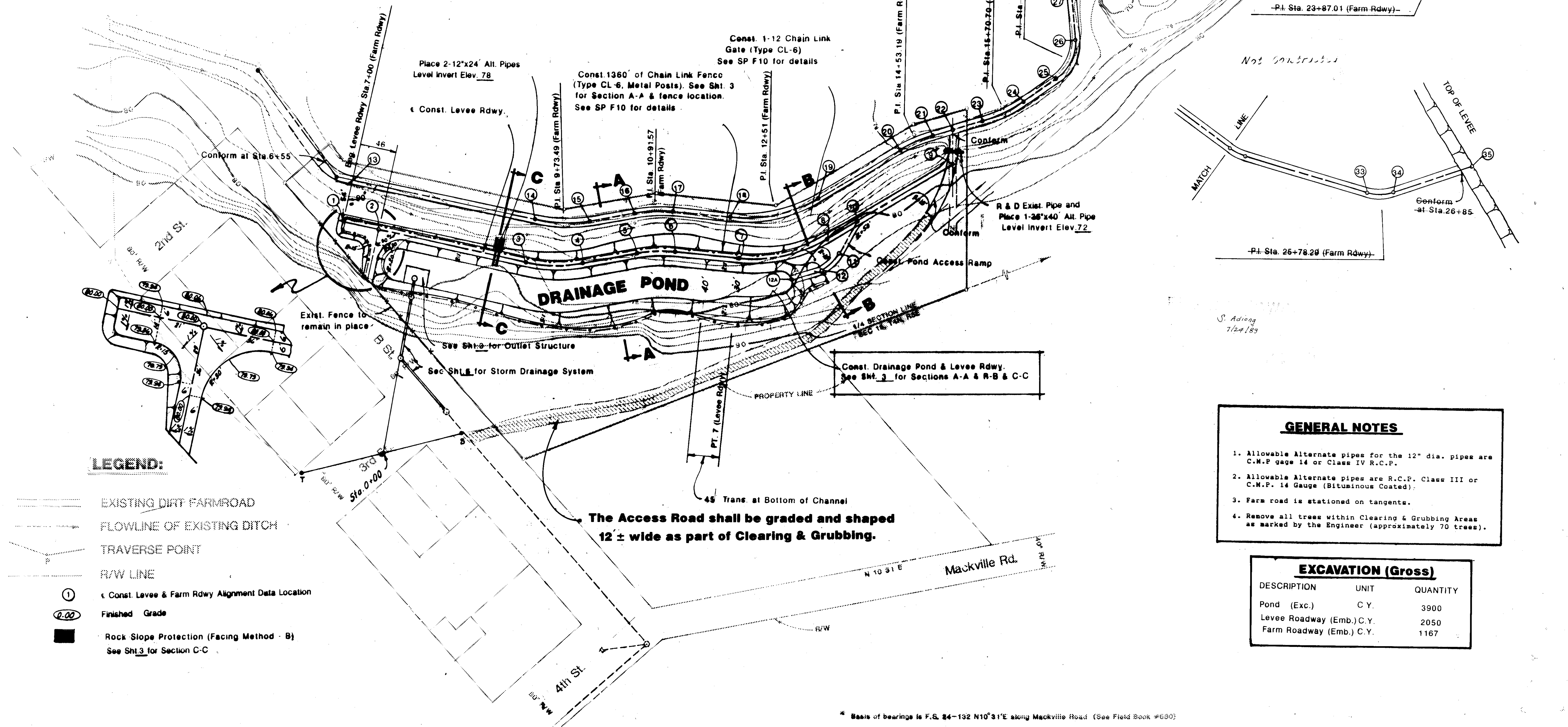
PROJECT

CLEMENTS DRAINAGE IMPROVEMENTS

SHEET NO.	TOTAL SHEET
3	5

Location	Bearing	Distance	Radius	Delta (Angle) DD-MM-SS	Arc Length	Chord Distance	Tangent Distance
13 to 14	N 33-28-30 E	237.93					
14 to 15			180.00'	22-20-50	70.21'	69.76'	35.56'
15 to 16	N 11-07-48 E	57.79	180.00'	16-30-10	49.12'	48.97'	24.71'
16 to 17	M 24-45-50 E	74.93					
17 to 18			180.00'	36-44-52	115.45'	113.49'	59.79'
18 to 19							
19 to 20	N 9-50-54 W	117.98'	180.00'	15-27-12	68.55'	49.40'	24.42'
20 to 21							
21 to 22	M 4-30-18 E	22.41'					
22 to 23	M 4-30-18 E	61.70'					
23 to 24			180.00'	18-25-35	17.69'	17.61'	8.92'
24 to 25							
25 to 26	N 13-47-14 W	70.92'	55.00'	50-26-00	57.53'	54.94'	31.71'
26 to 27							
27 to 28	N 73-43-17 W	53.52'	55.00'	50-48-50	56.41'	53.97'	30.97'
28 to 29							
29 to 30	N 14-57-27 W	261.45'	55.00'	71-44-05	68.96'	64.45'	39.77'
30 to 31	N 56-46-30 E	205.31'					
31 to 32			55.00'	26-12-20	22.20	22.10'	11.20'
32 to 33	N 33-34-10 E	162.44					
33 to 34			55.00'	35-23-20	33.97'	33.43'	17.55'
34 to 35	N 1-49-10 W	105.77'					

C CONSTRUCTION LEVEE ROADWAY ALIGNMENT DATA							
Location	Bearing	Distance	Radius	Delta (Angle) DD-MM-SS	Arc Length	Chord Distance	Tangent Distance
1 to 2	M 33-28-38 E	46.00'					
2 to 3	M 33-28-38 E	202.40'					
3 to 4			180.00'	22-20-50	70.21'	69.76'	35.56'
4 to 5	M 11-07-49 E	56.05'	180.00'	15-38-10	49.12'	48.97'	24.72'
5 to 6	M 26-45-58 E	85.43'	180.00'	36-44-52	115.45'	113.48'	59.79'
7 to 8							
8 to 10	N 9-58-54 W	45.00'					
10 to 9	N 9-58-54 W	134.94'					
10 to 11	M 39-58-54 E	46.00'					
11 to 12			180.00'	30-00-00	28.80'	28.47'	14.74'
12 to 12A	N 9-58-54 W	40.00'					



GENERAL NOTES

1. Allowable Alternate pipes for the 12" dia. pipes are C.M.P gage 14 or Class IV R.C.P.
2. Allowable alternate pipes are R.C.P. Class III or C.M.P. 14 Gauge (Bituminous Coated);
3. Farm road is stationed on tangents.
4. Remove all trees within Clearing & Grubbing Areas as marked by the Engineer (approximately 70 trees).

EXCAVATION (Gross)

DESCRIPTION	UNIT	QUANTITY
Pond (Exc.)	C.Y.	3900
Levee Roadway (Emb.)	C.Y.	2050
Farm Roadway (Emb.)	C.Y.	1167

* Baseline bearings is F.S. 24-192 N10°31'E along Mackville Road (See Field Book #630)

PROJECT ENGINEER	DATE	CHECKED BY	DATE	SUBMITTED BY	DATE	APPROVAL RECOMMENDED BY	DATE	COUNTY OF SAN JOAQUIN	SCALE: No Scale	DRAINAGE POND PLAN	PROJECT	CLEMENTS DRAINAGE PROJECT	SHEET NO.	TOTAL SHEETS
J.L. White	7/15/88	Chuck Kelley	7/15/88	Marcel Solano	7/29/88		7/29/88						2	5
FILE NAME	DRAWER	SHEET NO.												

Revised 7/8/88
ZCF

COUNTY OF SAN JOAQUIN
DEPARTMENT OF PUBLIC WORKS
STOCKTON, CALIFORNIA
PROJECT PLANS FOR
**CLEMENTS
DRAINAGE
PROJECT**

COUNTY OF SAN JOAQUIN

Submitted August 1, 1988

Henry M. Dirata
HENRY M. DIRATA
R.C.C. #1251
Director of Public Works



INDEX OF SHEETS	
SHEET NO. 1	TITLE SHEET
SHEET NO. 2	DRAINAGE POND PLAN
SHEET NO. 3	CONSTRUCTION DETAILS
SHEET NO. 4	FARM ROADWAY PROFILE
SHEET NO. 5	FARM ROADWAY & STORM DRAINAGE SYSTEM PROFILE

CROSS SECTIONS: Available upon request

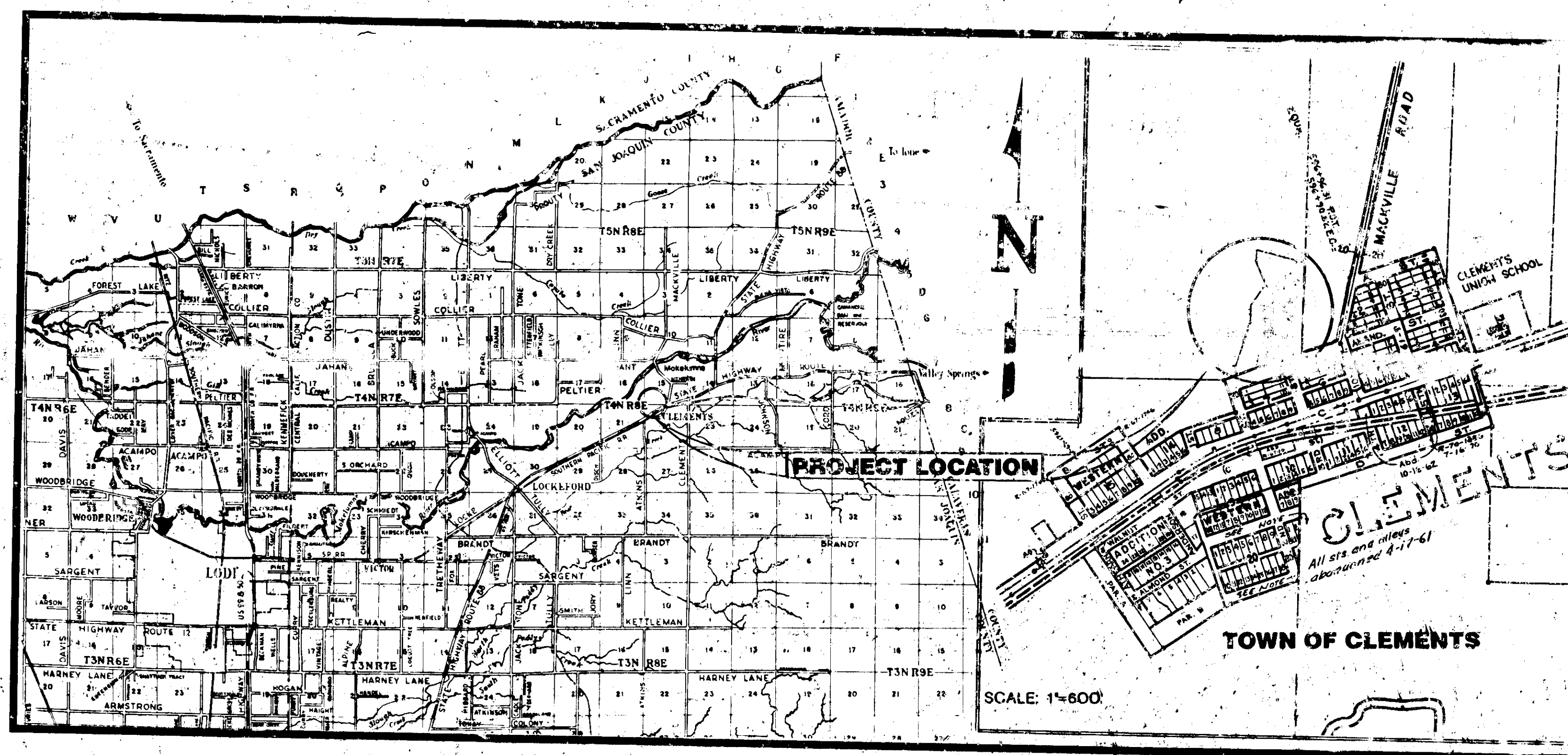
TO BE SUPPLEMENTED BY STANDARD PLANS DATED JANUARY 1988

RECORD DRAWING

S. Adiong
7/24/89

Drawing Shows
Notes: See Sheet 2 of 5

APPLICABLE STANDARD PLANS
F10



PROJECT LOCATION MAP
SCALE IN MILES
2 0 2 4

ABBREVIATIONS
A.P. = Aggregate Base
A.C. = Asphalt Concrete
A.C.P. = Asphalt Cement Pipe
Alt. = Alternative
A.S. = Aggregate Subbase
Bit. Cd. = Bituminous Coated
C.L. = Center Line
C.P. = Concrete Pipe
C.S.P. = Corrugated Steel Pipe
C.S.P.A. = Corrugated Steel Pipe Arch
D.L. = Drain Inlet
Dr. = Driveway
E.P. = Edge of Pavement
F.R.C.P. = Non-Reinforced Concrete Pipe
F.L. = Flow Line
L.F. = Linear Foot
M.H. = Manhole
O.G. = Original Ground
P.C.C. = Portland Cement Concrete
Pen. Tr. = Penetration Treatment
P.L. = Property Line
P.M.S. = Plant Mixed Surfacing
R.C.P. = Reinforced Concrete Pipe
R & D = Remove and Dispose
R & S = Remove and Salvage
R/W = Right of Way
S-Dr. = Side Drain
S.P. = Standard Plans
X-Dr. = Cross Drain
W.W. = Walkway

SU-2135

REVISIONS					
NO.	DESCRIPTION	DRWN BY	CKD BY	APP BY	DATE
1	PROJECT ENGINEER	DATE	SENIOR ENGINEER	DATE	APPROVAL/RECOMMENDED BY
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Revised 7/4/88
Print Made 7/6/88