

- L E G E N D -

MATERIALS

CONCRETE
RIP-RAP

LINES

RIGHT-OF-WAY
PROPERTY LINE (PLAN)
RIGHT-OF-WAY (SECTION)
CENTERLINE
EASEMENT LINE
MATCH LINE
SECTION CUT LINE

EARTHWORK

EXISTING NEW
CONTOUR LINE
SPOT ELEVATION
PROJECT/ PHASE BOUNDARY
SWALE
DIRECTION OF FLOW

MISCELLANEOUS UTILITIES

GAS LINE
UNDERGROUND TELEPHONE
UNDERGROUND ELECTRICAL
STORM DRAIN
STORM DRAIN MANHOLE
STORM DRAIN INLET

SANITARY SEWER

SANITARY SEWER LINE
SANITARY SEWER MANHOLE
SAS SERVICE CONNECTIONS
SAS CAP OR PLUG
ENCASEMENT

WATER

WATER LINE WITH CAP
WATER SERVICE CONNECTIONS
GATE VALVE
FIRE HYDRANT
BUTTERFLY VALVE
REDUCER
WATER PRESSURE ZONE BOUNDARY

WATER FITTINGS

CAPS AND PLUGS
ELBOW
CROSS
TEE

MISCELLANEOUS

EDGE OF ASPHALT
FIELD FENCE/CHAINLINK FENCE
COMMON YARD WALL/BLOCK WALL
RETAINING WALL
POWER OR TELEPHONE POLE
TREE

CITY WIDE SAFETY STUDY

TRANSPORTATION SAFETY PROJECTS

PHASE II

INDEX OF DRAWINGS

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3	2.	A-96	Dellyne east of Cordoz at San Antonio
3	3.	A-144, 145	Central west of 98th St. (Two sites)
3	4.	A-154	98th St. south of Central (north of San Ygnacio)
4	5.	A-155	98th St. South of Central (north of Tower)
4	6.	A-140	Tingley at Marquez south of Central at riverside drain
4	7.	M-7	Stadium Bridge at railroad crossing
4	8.	M-6	Lead at Broadway
5	9.	A-94	University north of Gibson at Ross Arroyo
5	10.	A-1	University south of George at Airport
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9	27.	A-111	Comanche east of Girard at North Diversion
9	28.	A-120	Carlisle north of I-40 at AMAFCA Channel
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10	31.	A-132	Candelaria east of Rio Grande at Griegos D.
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11	33.	A-126	Central west of New York at Alameda Drain
11	34.	A-137	Central east of 40th at Isleta Drain
11	35.	A-131	Central west of 50th at Arenal Drain
11	36.	A-135	Montano east of Rio Grande at Griegos Drain
12			DETAILS

SEE SHEET 2
FOR LOCATION MAP OF SITES

LOCATION MAP

GENERAL NOTES

NOTICE TO CONTRACTORS

- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS PUBLIC WORKS CONSTRUCTION, 1986 EDITION.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTRACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS, AND UTILITIES. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☐ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER
- ☐ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☐ IF CURB IS DEEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ☐ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- ☐ THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE

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REV.	SHEETS	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.	DATE
APPROVAL OF REVISIONS							

CITY OF ALBUQUERQUE	APPROVED FOR CONSTRUCTION
	CITY ENGINEER
DRAWING NO. 3833	SHEET 1 OF 12



GENERAL NOTES

1. ALL LENGTHS OF GUARDRAIL SHOWN ON THE PLANS ARE THE TOTAL LENGTH REQUIRED INCLUDING THE ENDOSECTIONS.
2. THE SPECIFICATIONS USED FOR THIS PROJECT ARE THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION "1986".
3. THE CONTRACTOR SHALL INFORM THE CITY ONE WEEK IN ADVANCE OF ALL LANE CLOSURES, LANE CLOSURES, DETOURS, AND OTHER CONSTRUCTION ACTIVITIES WHICH AFFECT NORMAL TRAFFIC FLOW.
4. ALL SIGNS AND CODING WILL BE IN ACCORDANCE WITH THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" CURRENT EDITION, PUBLISHED BY THE U.S. DEPARTMENT OF TRANSPORTATION.
5. CONTRACTOR IS TO EXERCISE CARE DURING CONSTRUCTION TO AVOID DISTURBING ANY EXISTING UNDERGROUND UTILITIES. IT SHALL BE HIS RESPONSIBILITY TO COORDINATE WITH THE UTILITY COMPANIES IN ORDER TO PREVENT ANY SERVICE DISRUPTION.
6. CONTRACTOR SHALL OBTAIN BARRICADING AND EXCAVATION PERMITS PRIOR TO COMMENCING ANY WORK.
7. THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATOR A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATOR. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION.
8. "CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE ENGINEER. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED. CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED"

AS BUILT INFORMATION	
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SURVEY INFORMATION

ENGINEER'S SEAL

1. *Journal of the American Medical Association*, 1997; 277: 1001-1005.

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REMARKS		QY

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10/30/58	...	...	...	...	...
10/31/58	...	...	...	...	...

Figure 1. Effect of soil depth on the spatial distribution of *Ascaris suum* eggs in the soil. The eggs were collected from the soil at depths of 0–10 cm, 10–20 cm, 20–30 cm, 30–40 cm, 40–50 cm, 50–60 cm, 60–70 cm, 70–80 cm, 80–90 cm, and 90–100 cm. The data were analyzed by the chi-square test. The results are shown in the table.

REVISIONS

NO. DATE

Abstract

2

MICRO-FILM INFORMATION

1. The first part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation $f(x) = \int_0^x f(t) dt$. It is shown that $f(x)$ is a continuous function and that it satisfies the functional equation $f(x+y) = f(x) + f(y)$. It is also shown that $f(x)$ is a linear function and that it is the only linear function satisfying the given conditions.	2. In the second part of the paper, we study the properties of the function $g(x)$ defined by the equation $g(x) = \int_0^x g(t) dt$. It is shown that $g(x)$ is a continuous function and that it satisfies the functional equation $g(x+y) = g(x) + g(y)$. It is also shown that $g(x)$ is a linear function and that it is the only linear function satisfying the given conditions.
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DESIGN

OPTIONAL

Abstract

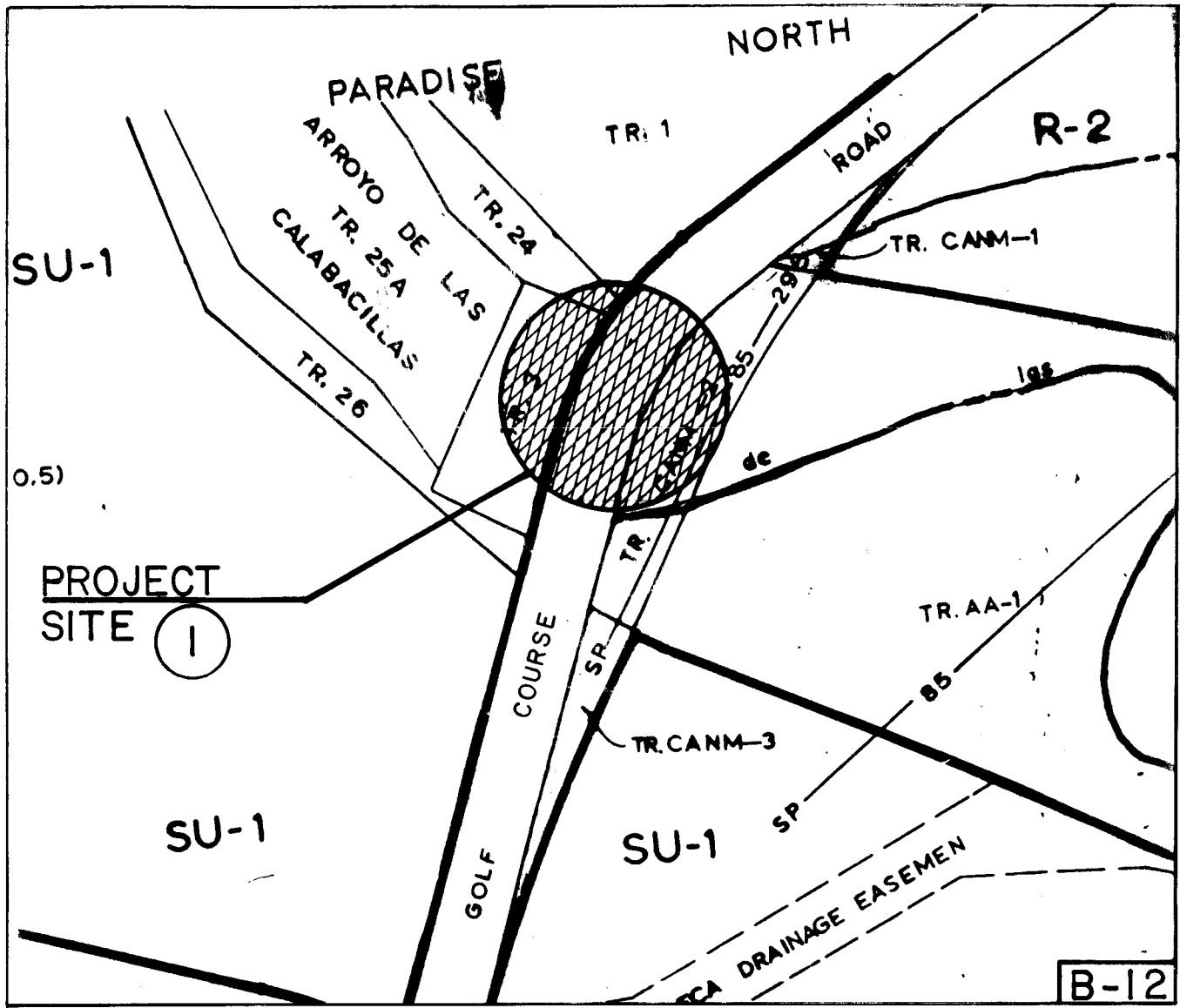
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

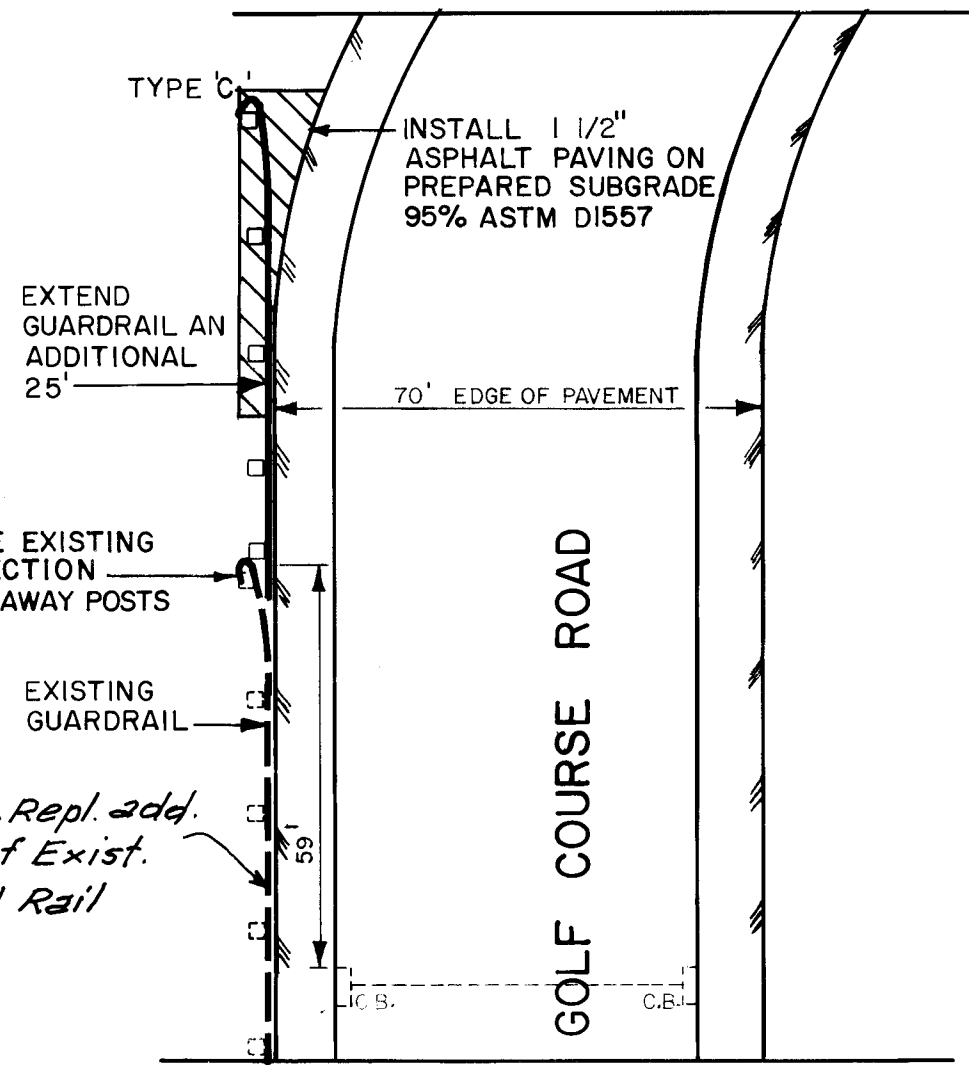
TITLE: - LOCATION MAP -

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DEAC Chair	<i>Reginald A. Davis</i>	<i>11/26/89</i>			
Int. Eval	<i>R. D. Bank</i>	<i>10-18-89</i>			
Utility Div	<i>R. W. Kame</i>	<i>10-18-89</i>			

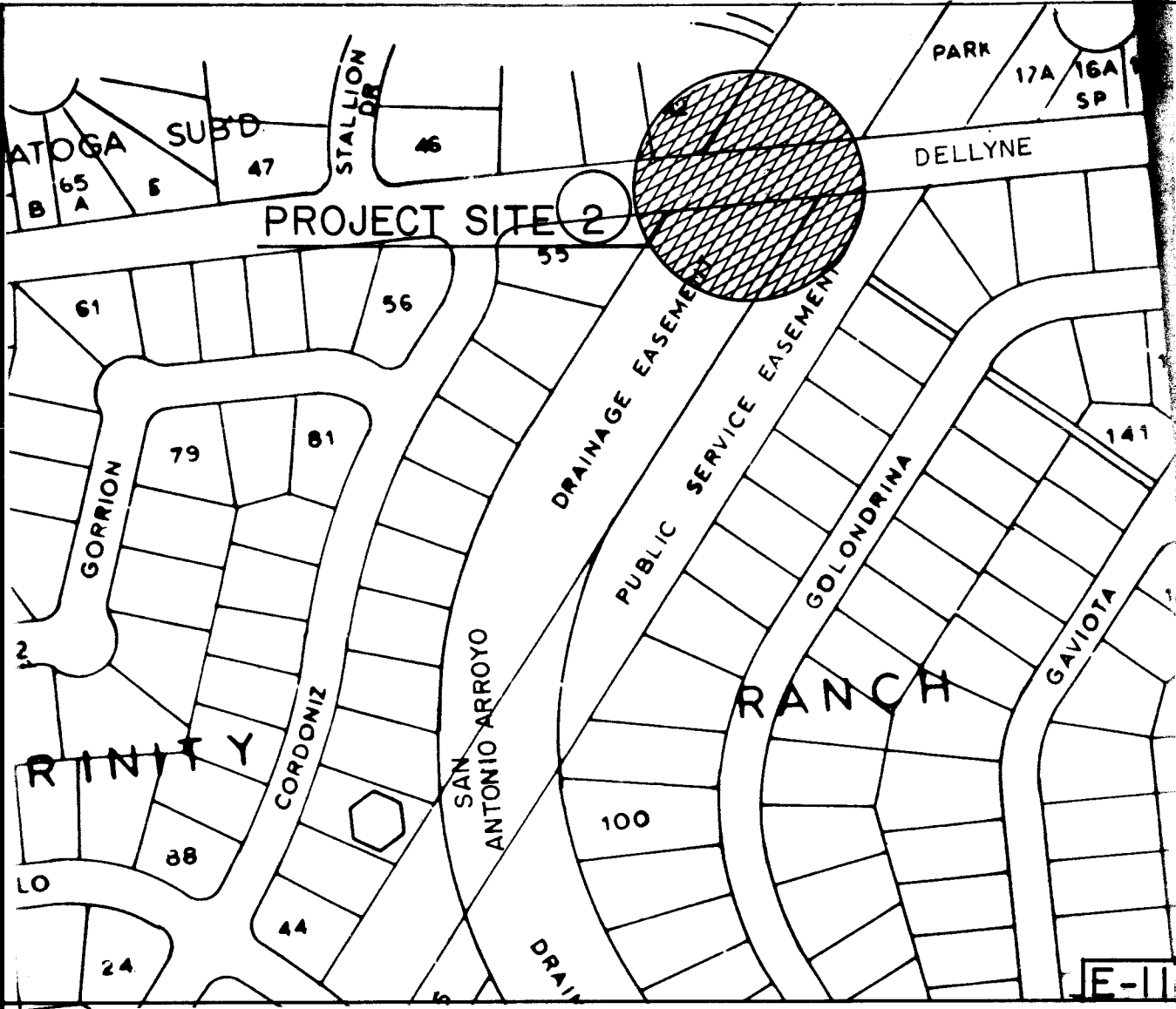
DRAWING NO.	3833	MAP NO.	SHEET	2	12
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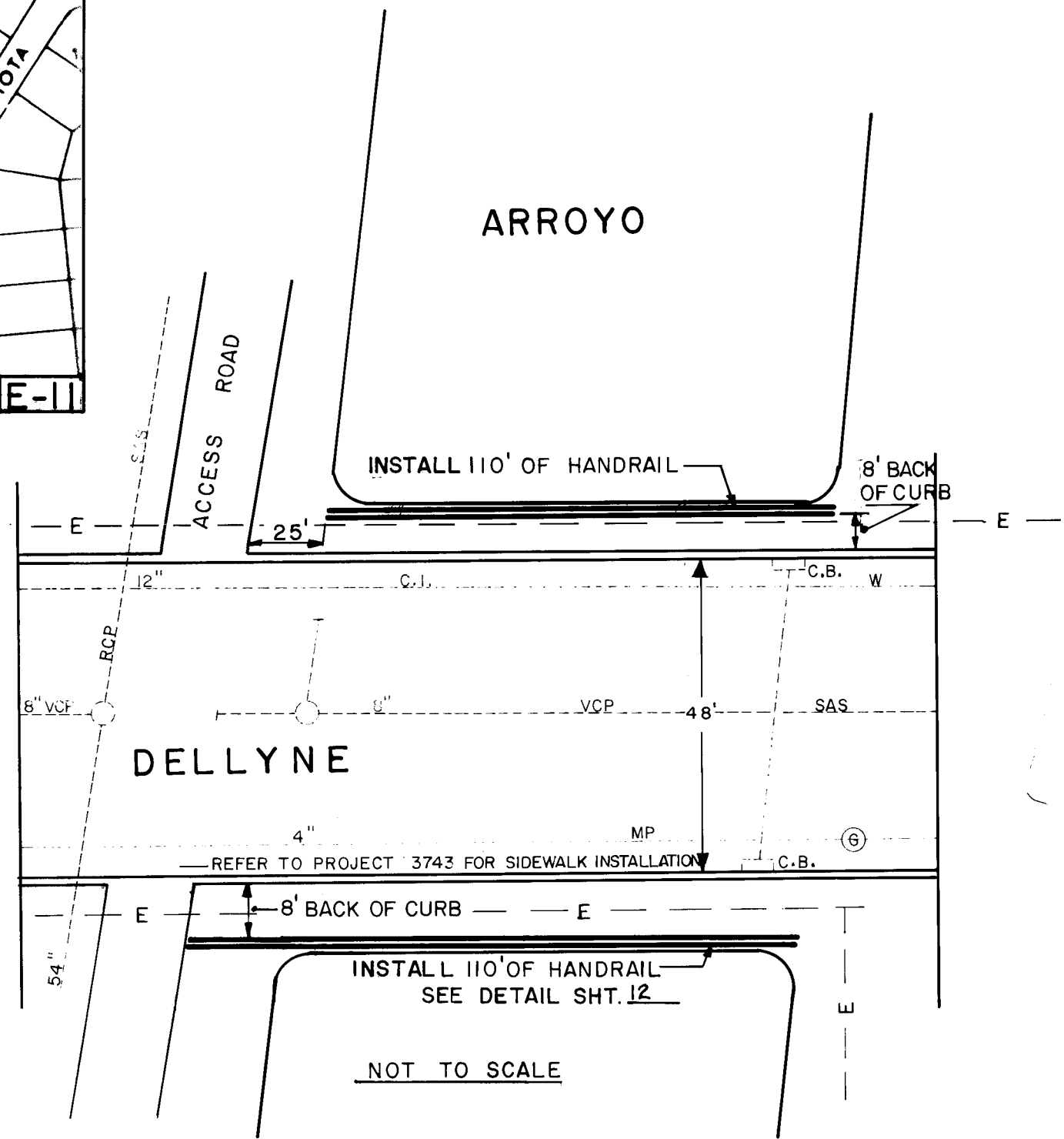
1. A-20 Golf Course north of Irving at Calabasillas
Install 25 LF guardrail
Remove existing end section
Install new type "C" endsection
Install 150 SF 1 1/2 inch AC pavement 1500LB
Remove & Repl. 37.5 L.F. guardrail



NOT TO SCALE

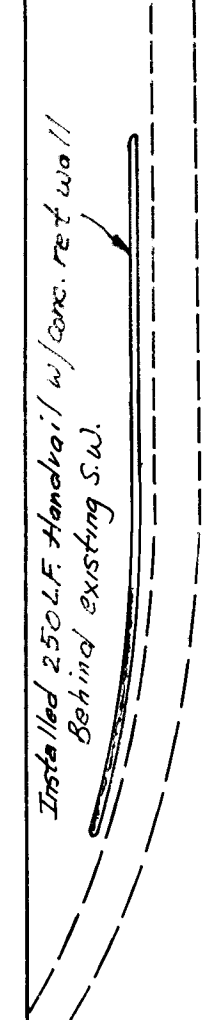


2. A-96 Dellyne east of Gordiniz at San Antonio
Install 220 LF handrail

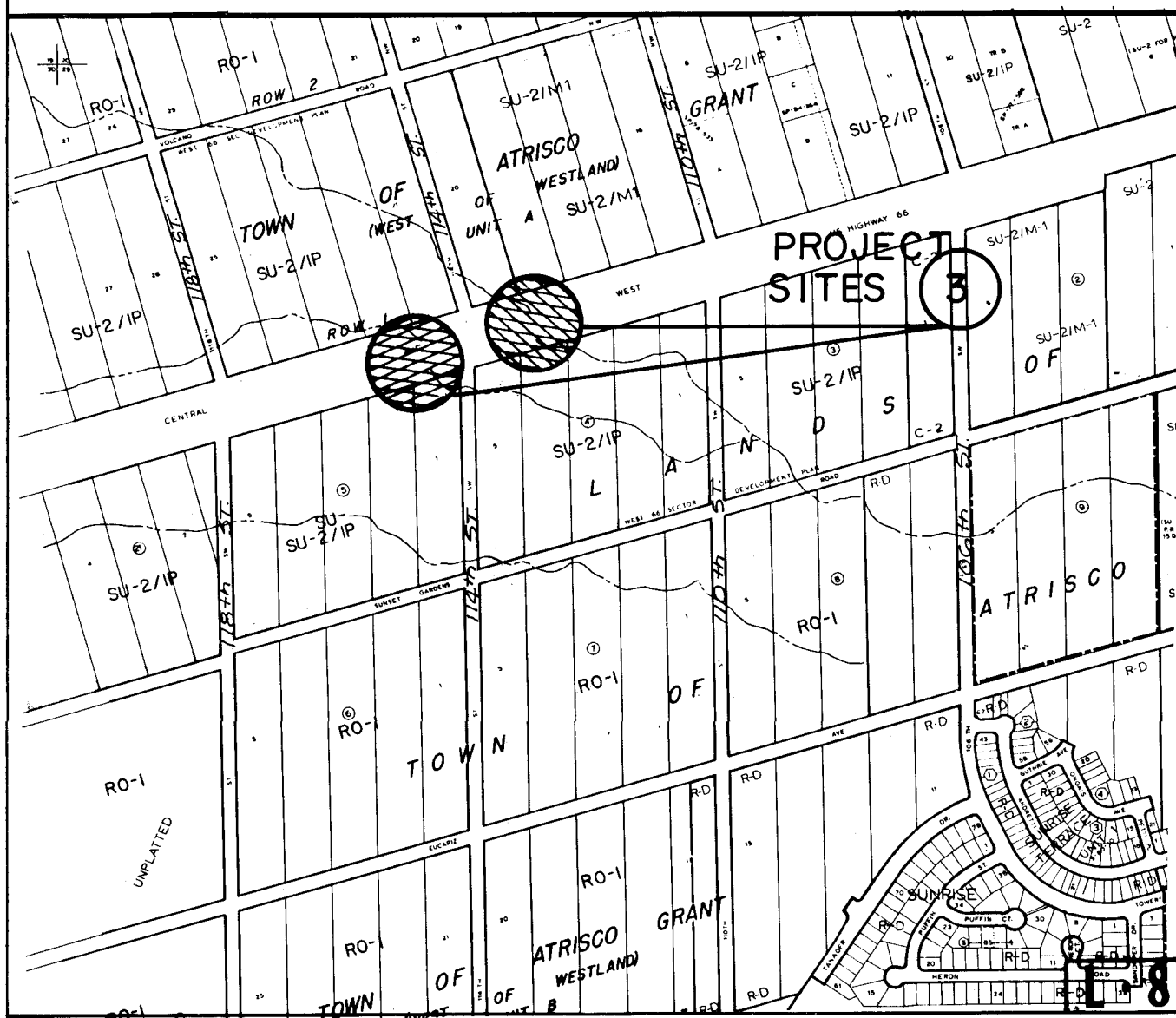


NOT TO SCALE

- 37) COAL AVE. EAST OF UNIVERSITY
INSTALLED 250 L.F. OF HANDRAIL
INSTALLED 16 EA. LONG SL. FOR POSTS
INSTALLED 250 L.F. CONC. RET. WALL

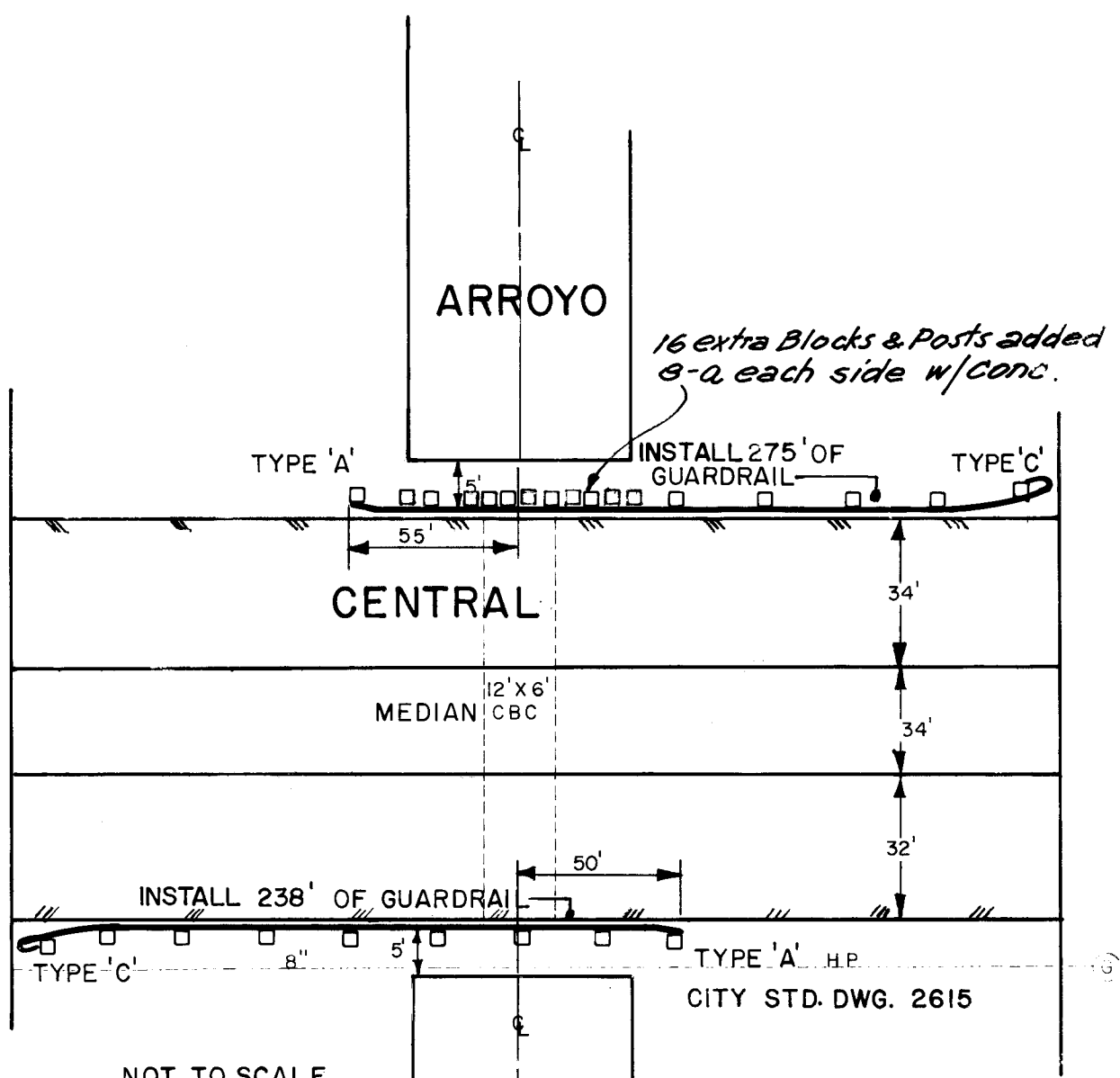


University

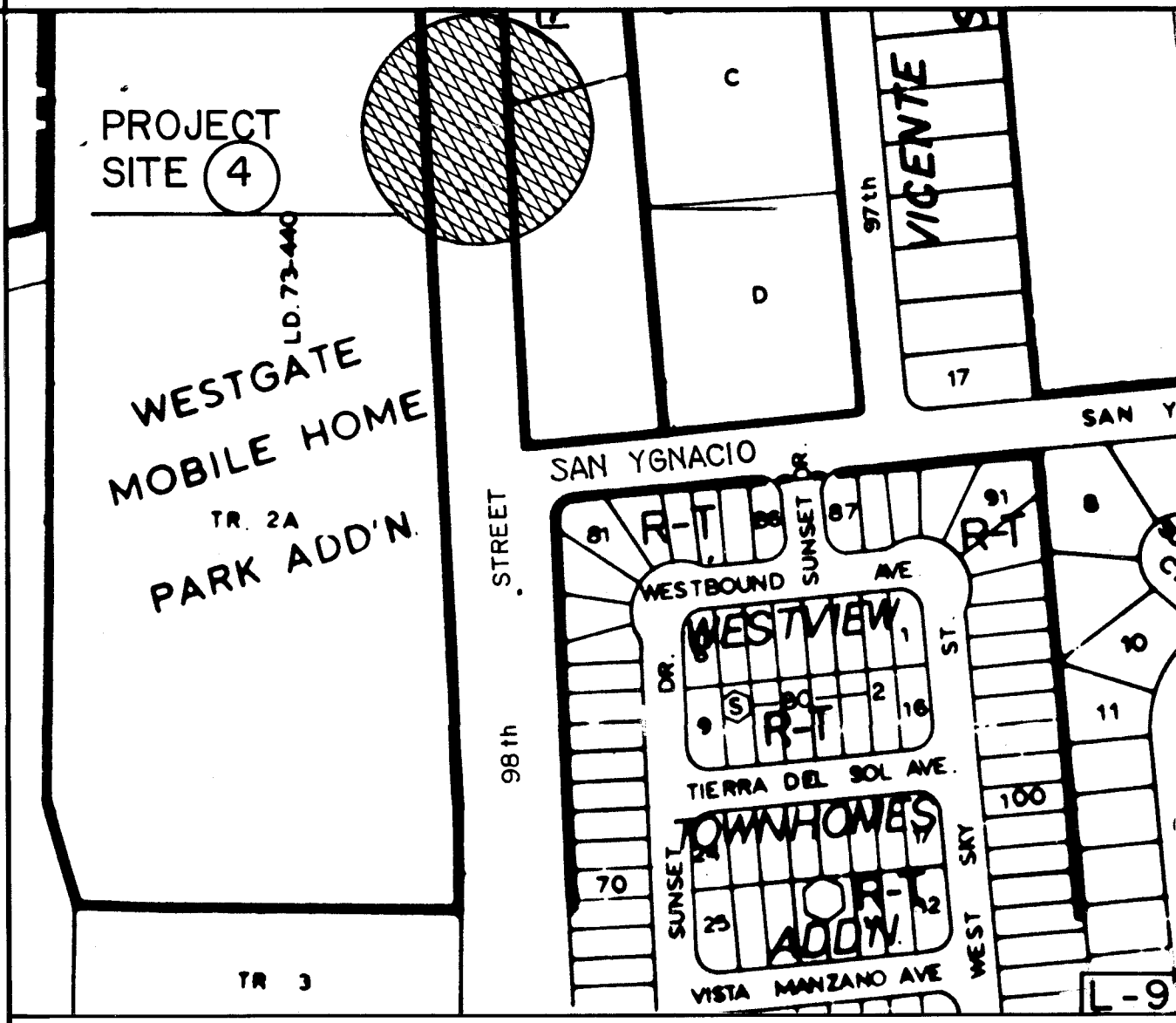


3. A-144,145 Central west of 98th St. (two sites)
Install 1026 LF guardrail
Install 4 type "A" endsections
Install 4 type "C" endsections
Installed 16 extra posts & blocks
Poured 61 L.F. of conc. for reinf. of posts over CBC

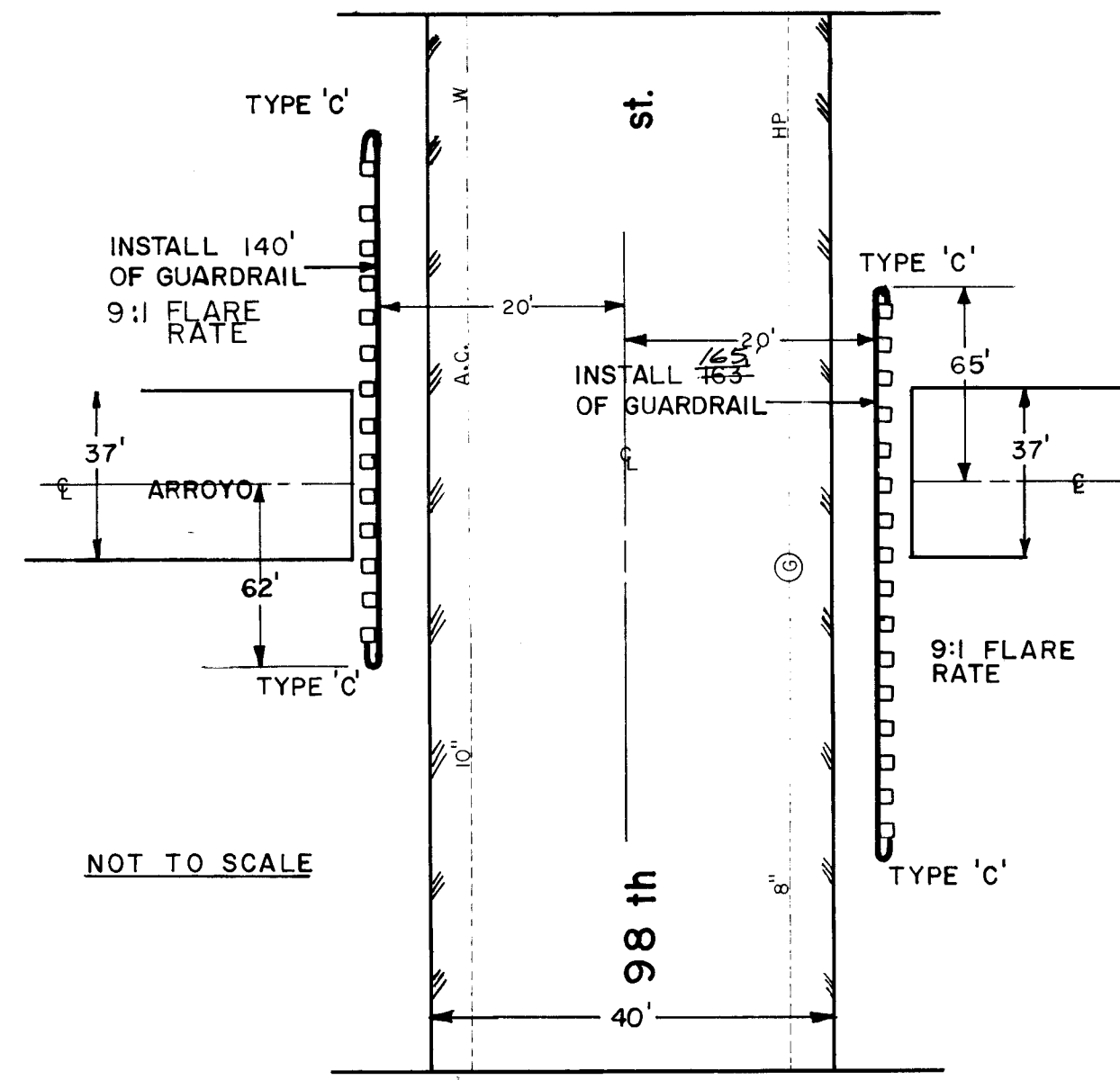
NOTE: TWO (2) SIMILAR SITES
USE SAME GUARDRAIL
LAYOUT



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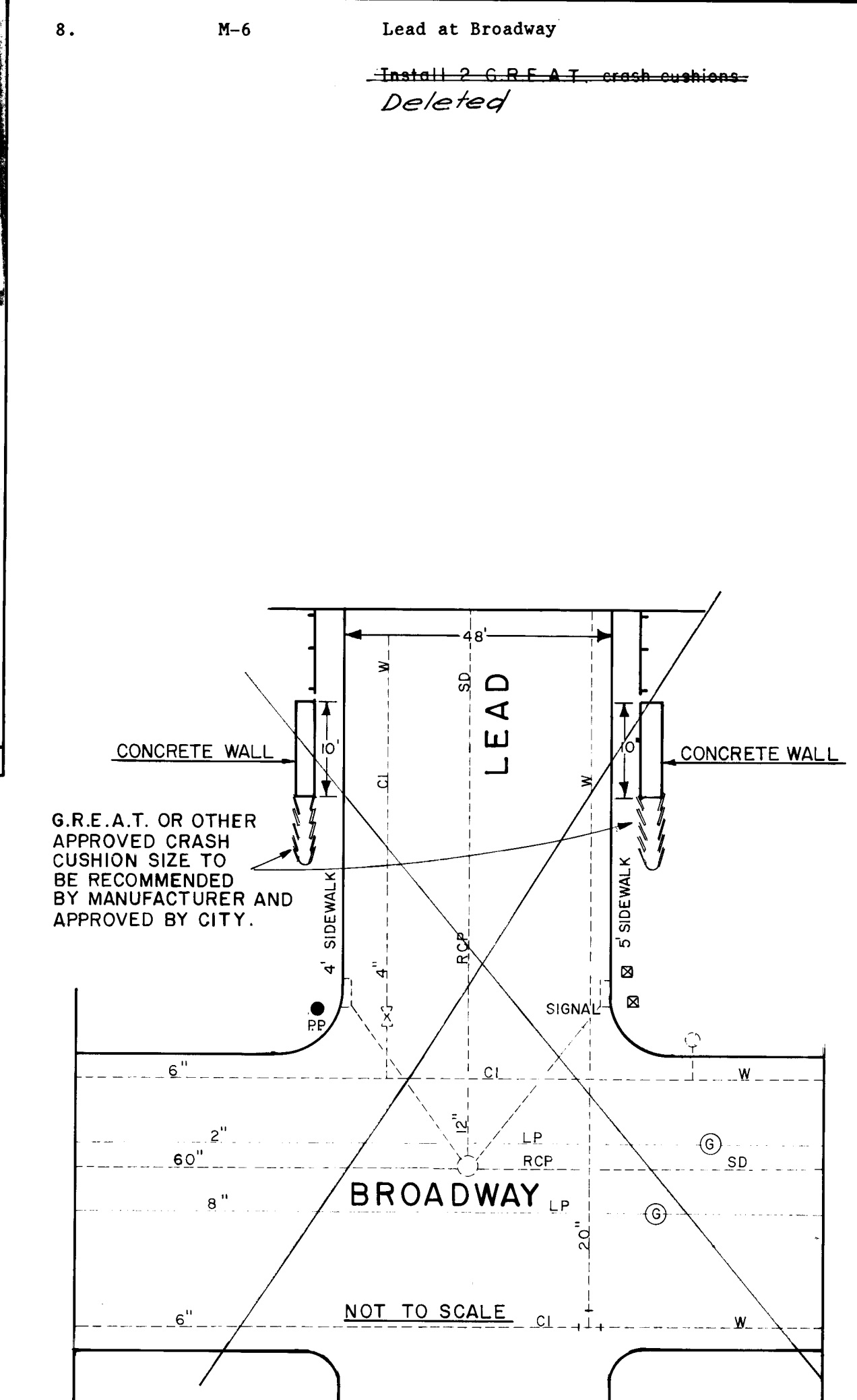
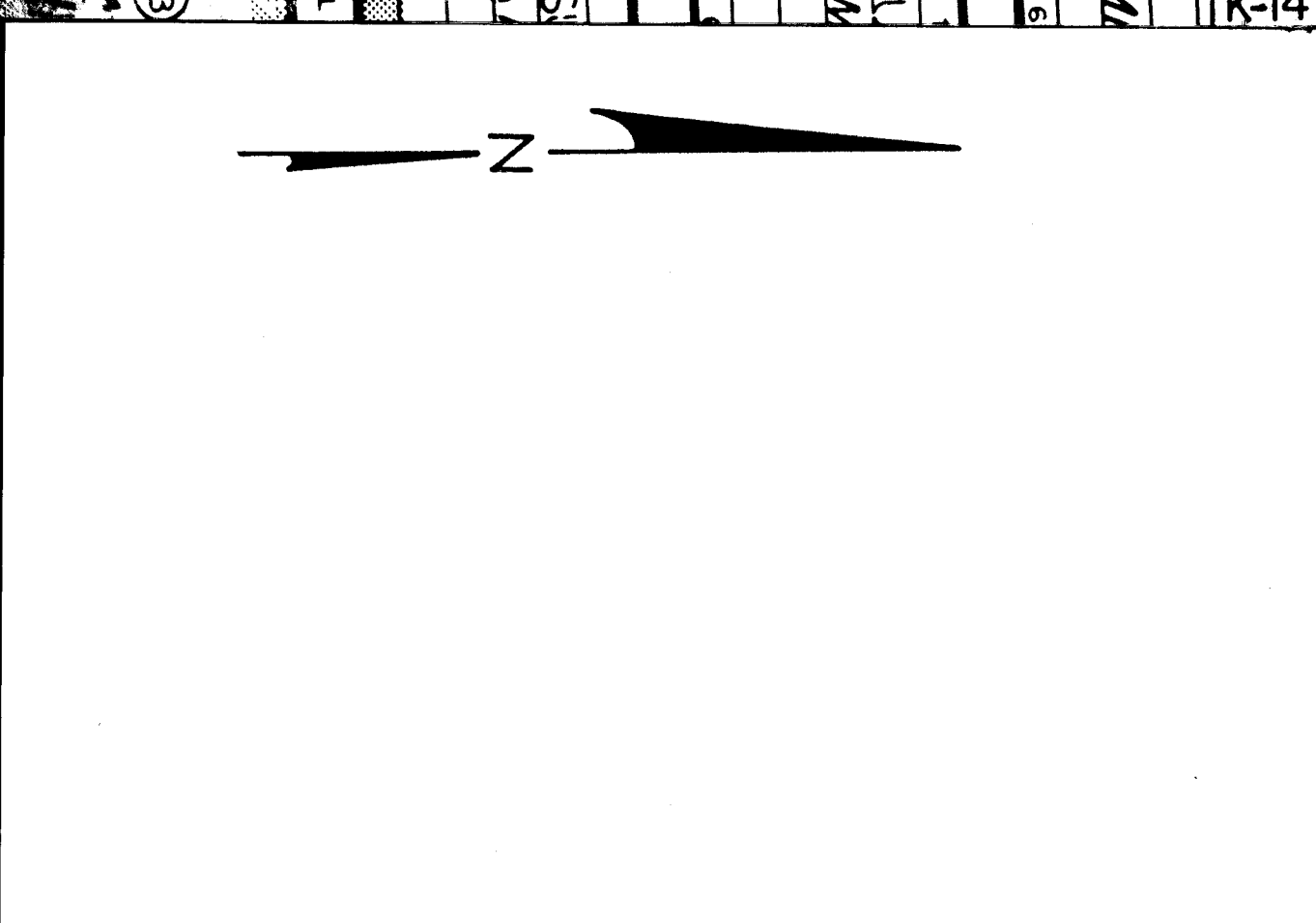
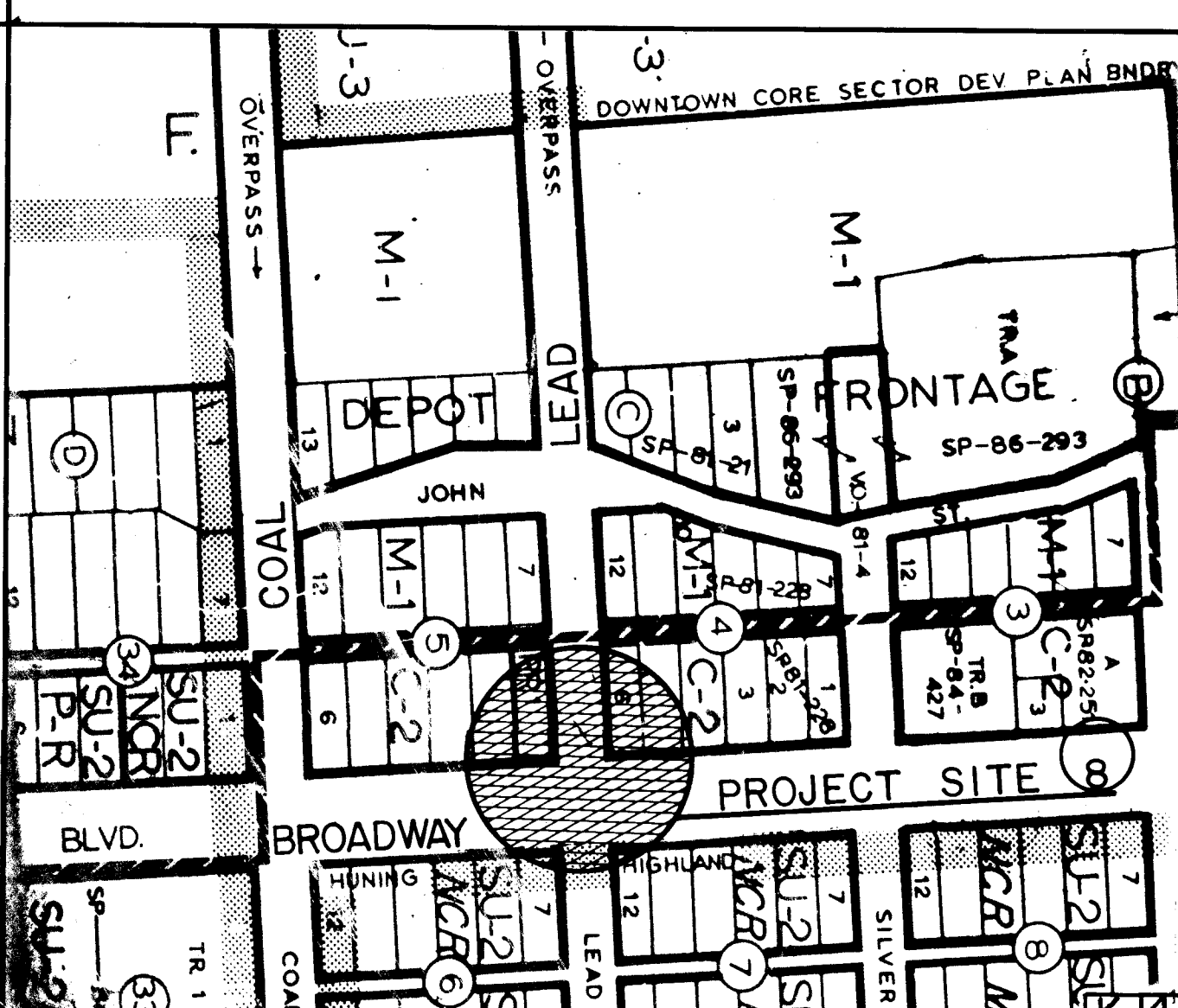
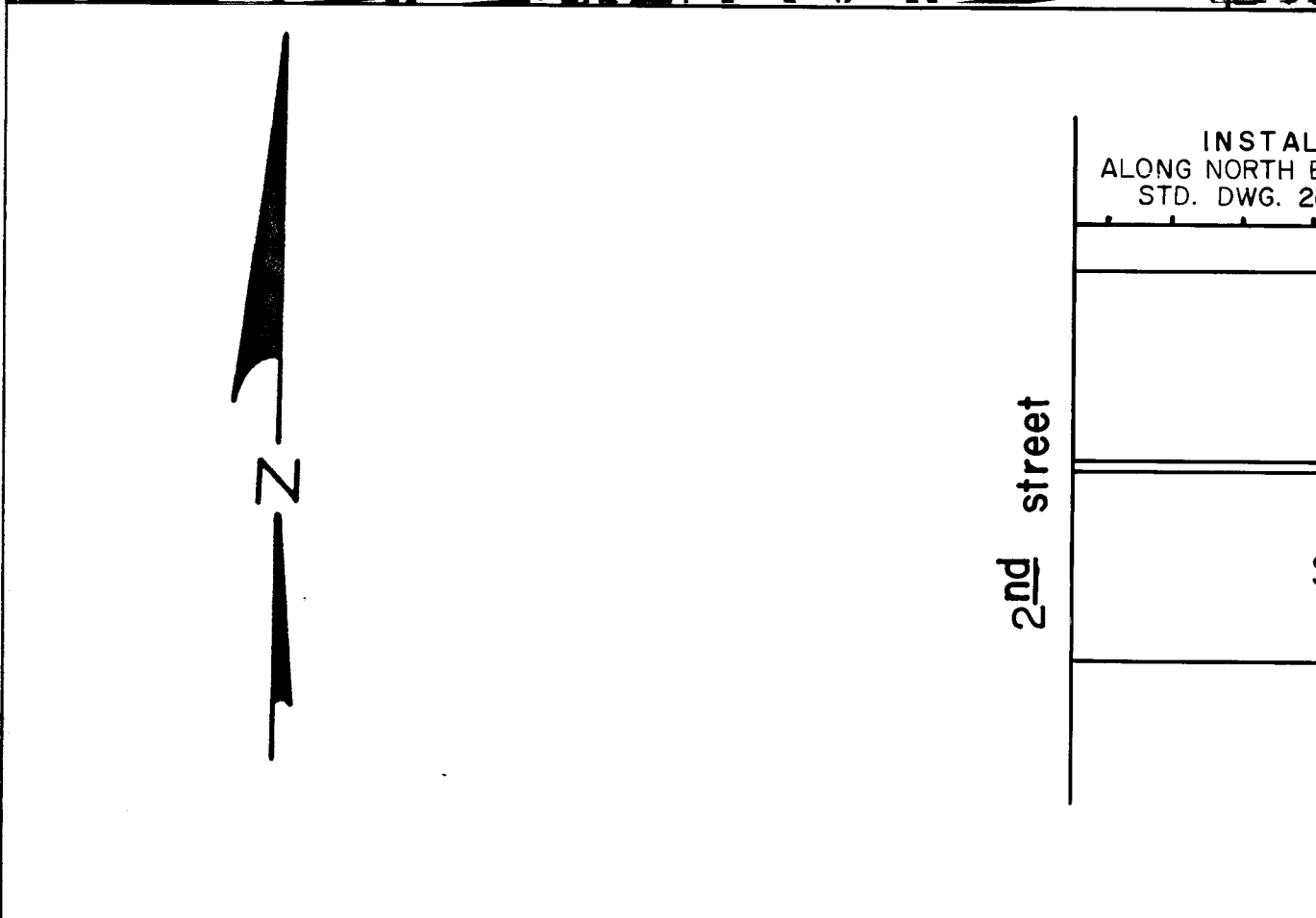
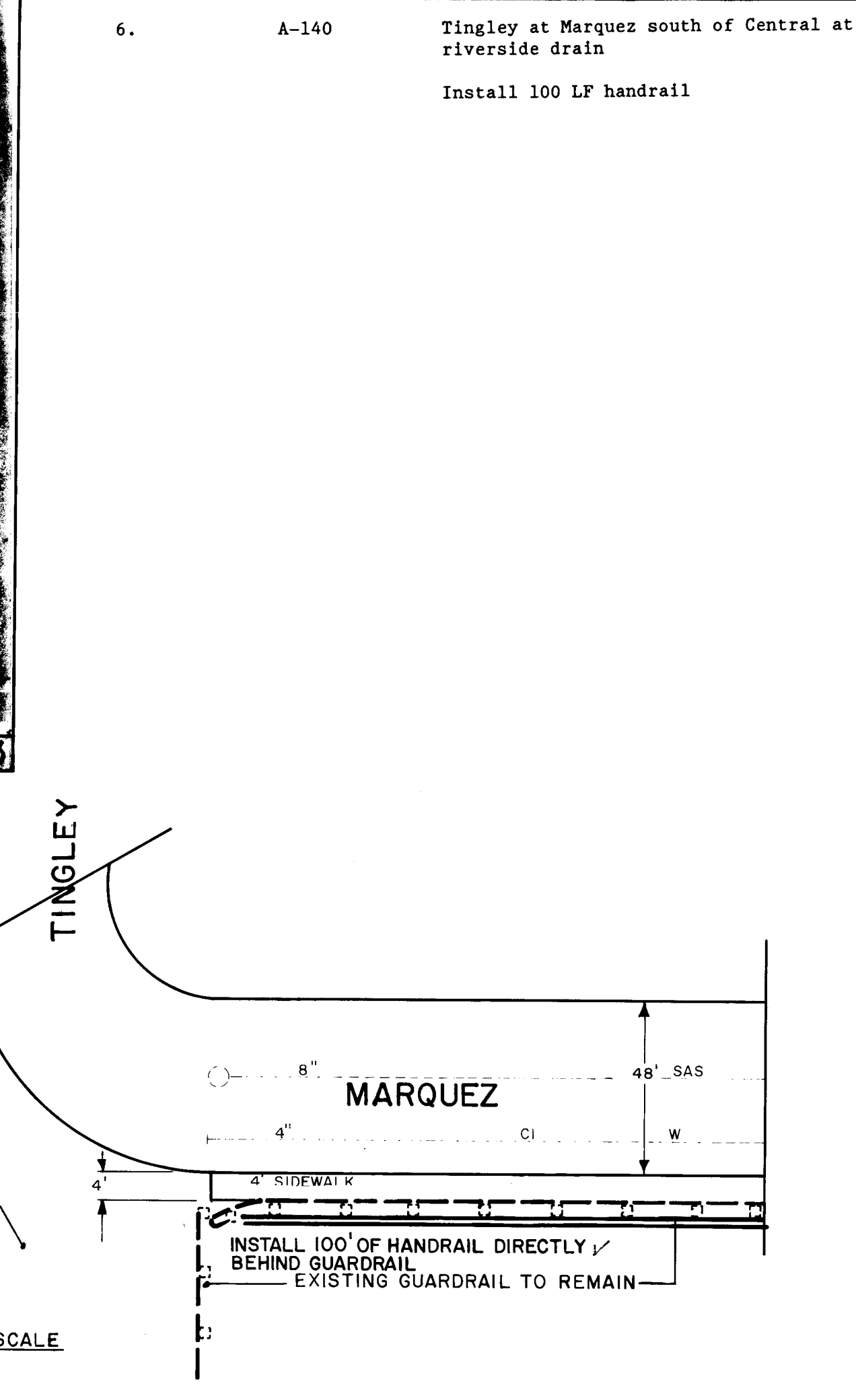
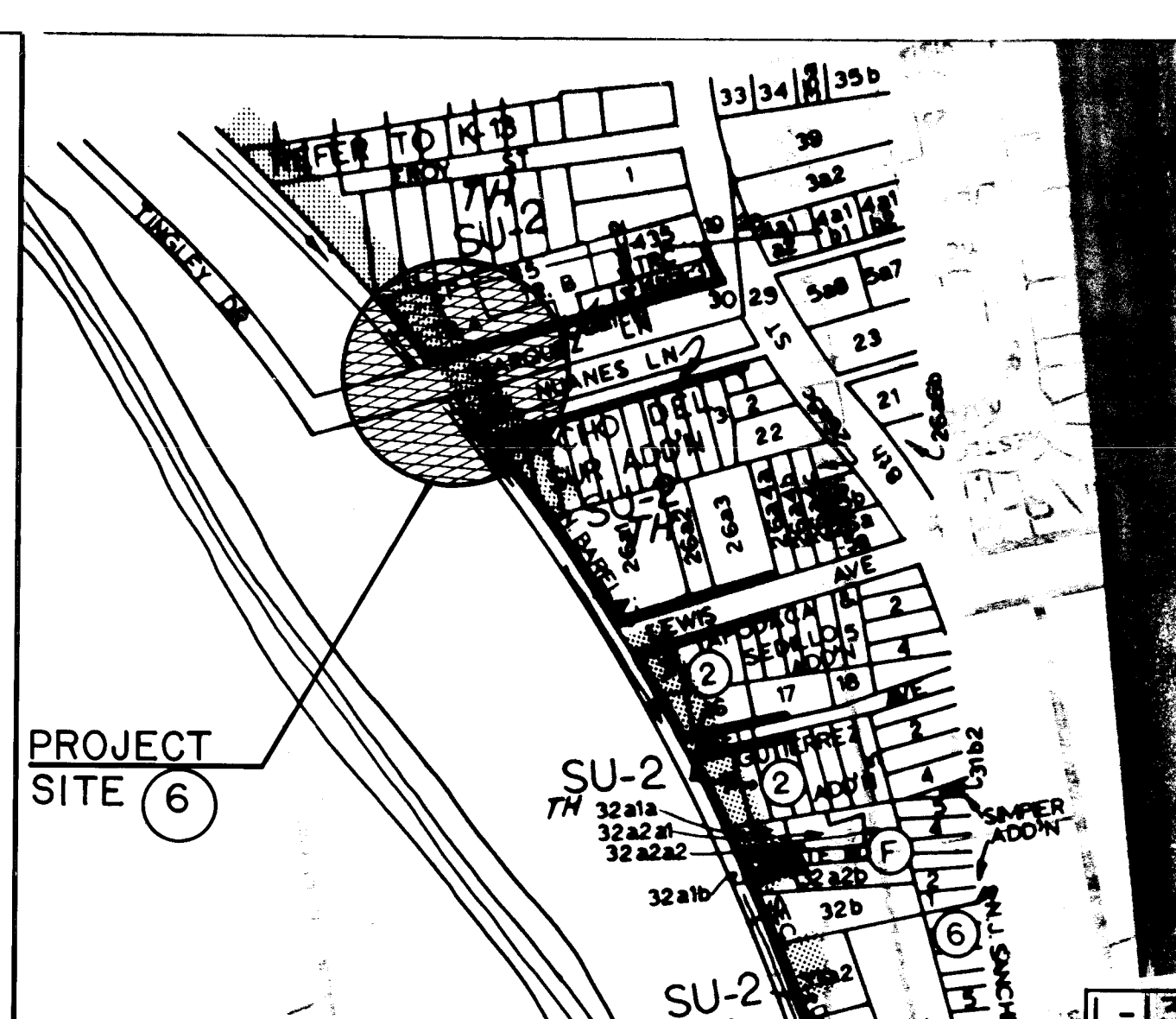
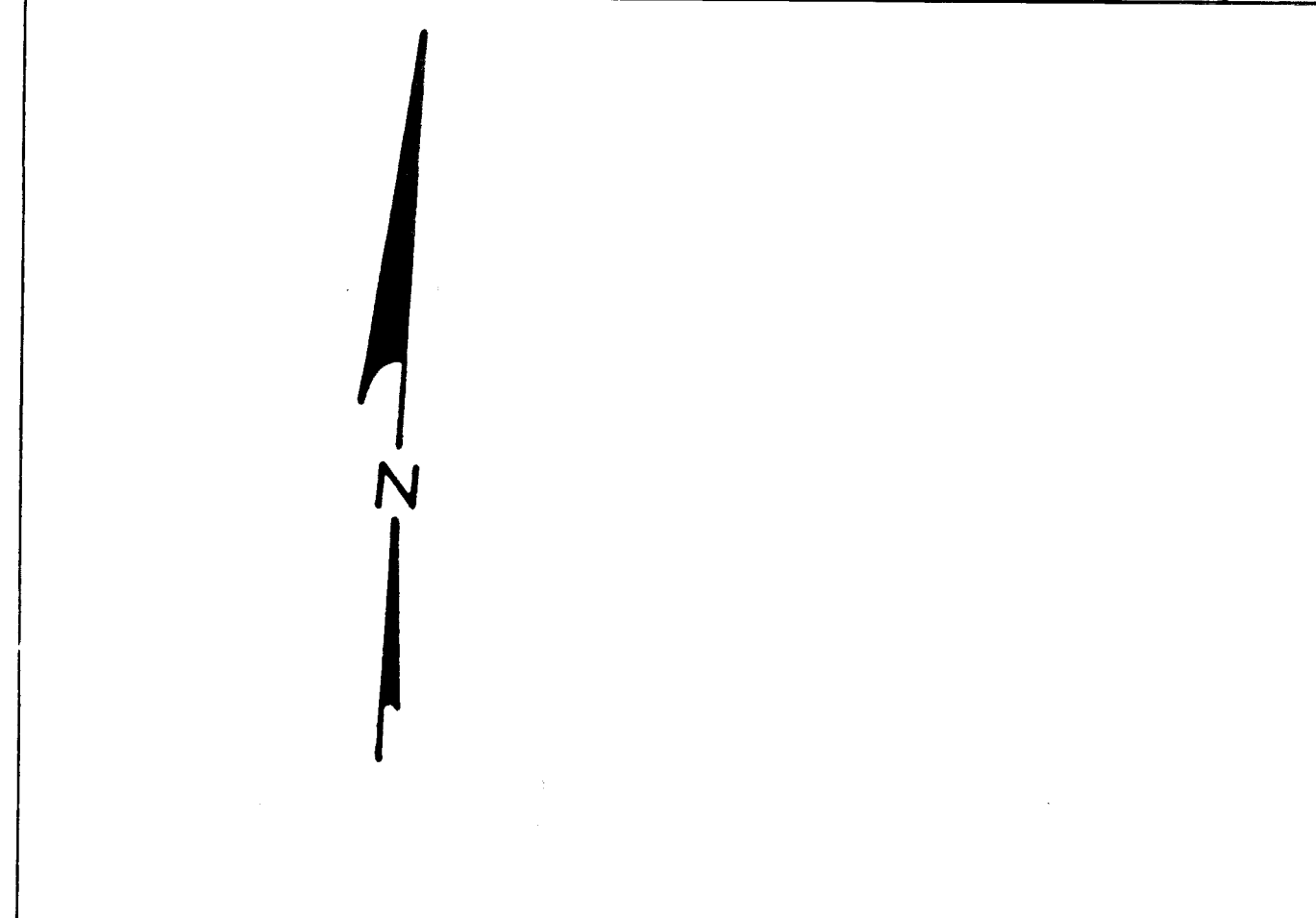
4. A-154 98th St. south of Central (North of San Ygnacio)
Install 308 LF guardrail
Install 4 type "C" endsections
Poured conc. footing for 5-posts



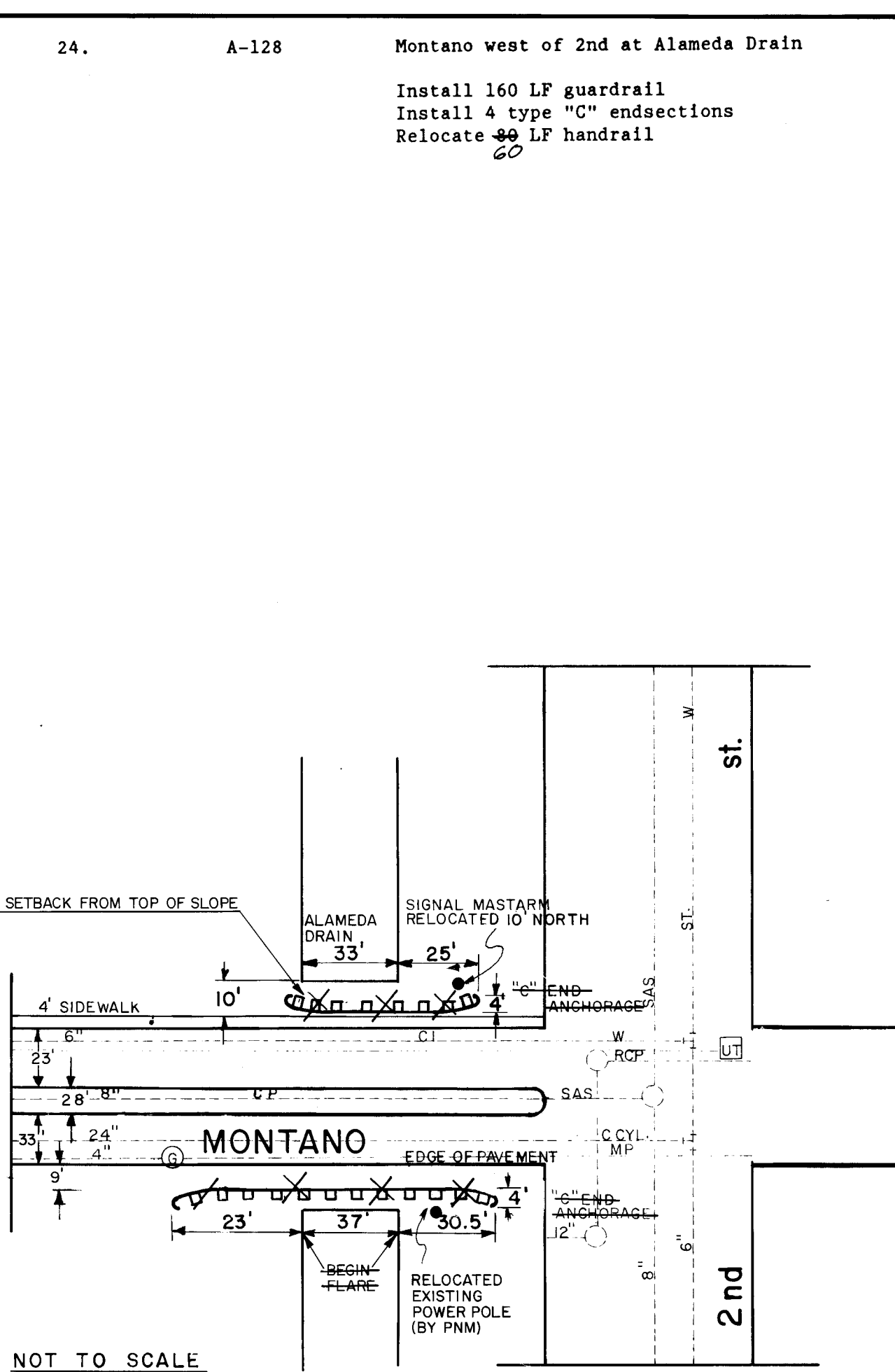
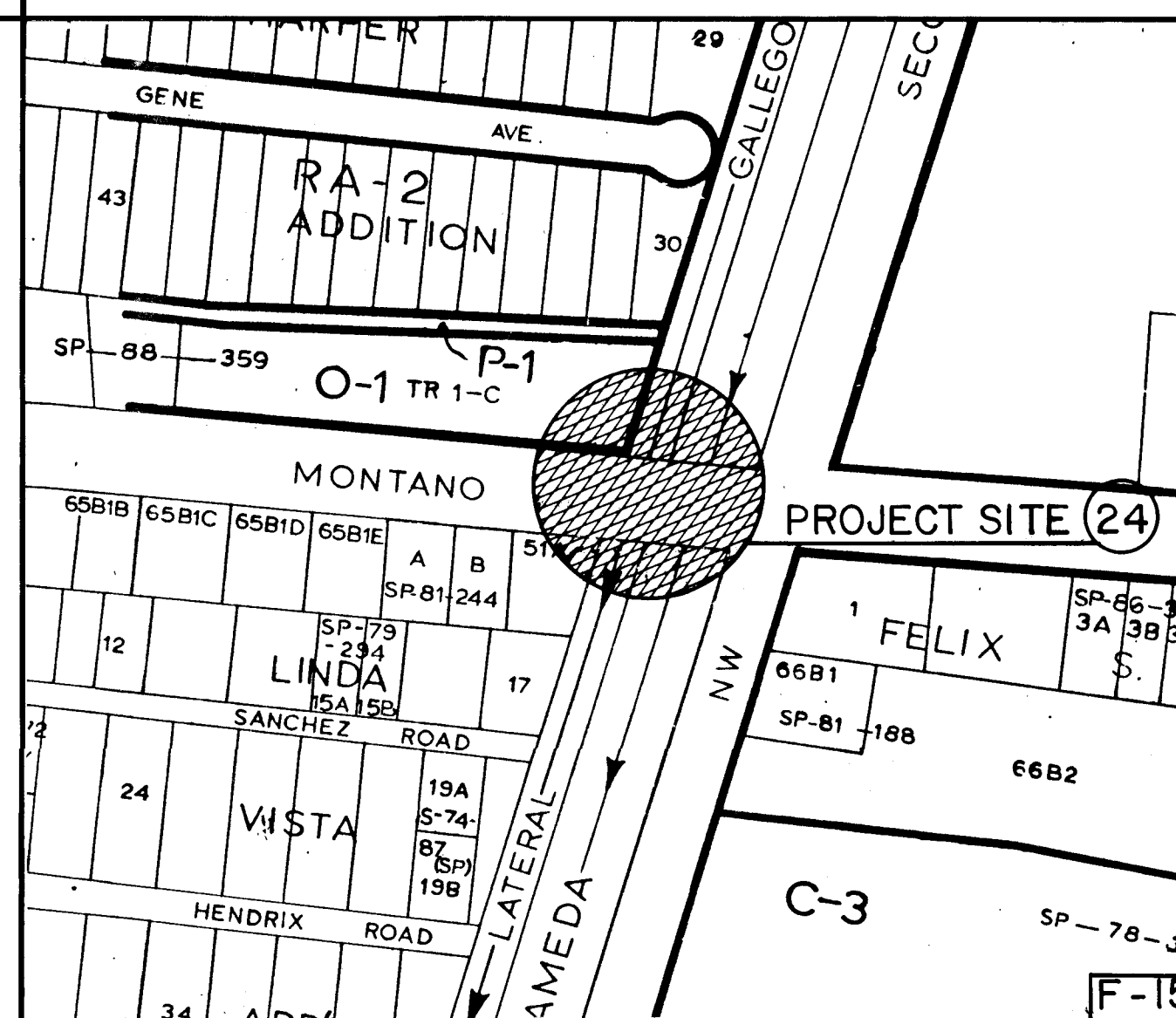
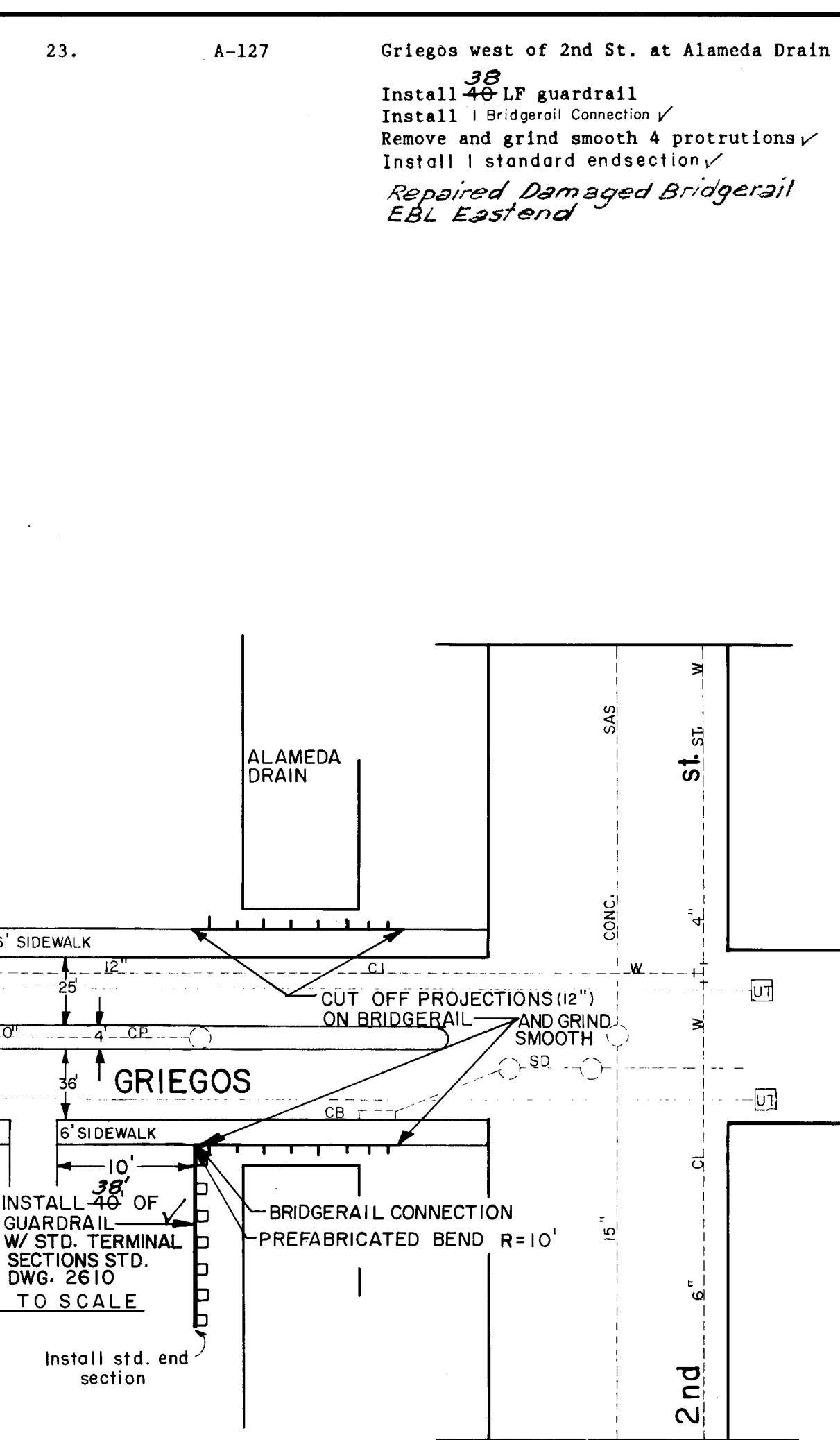
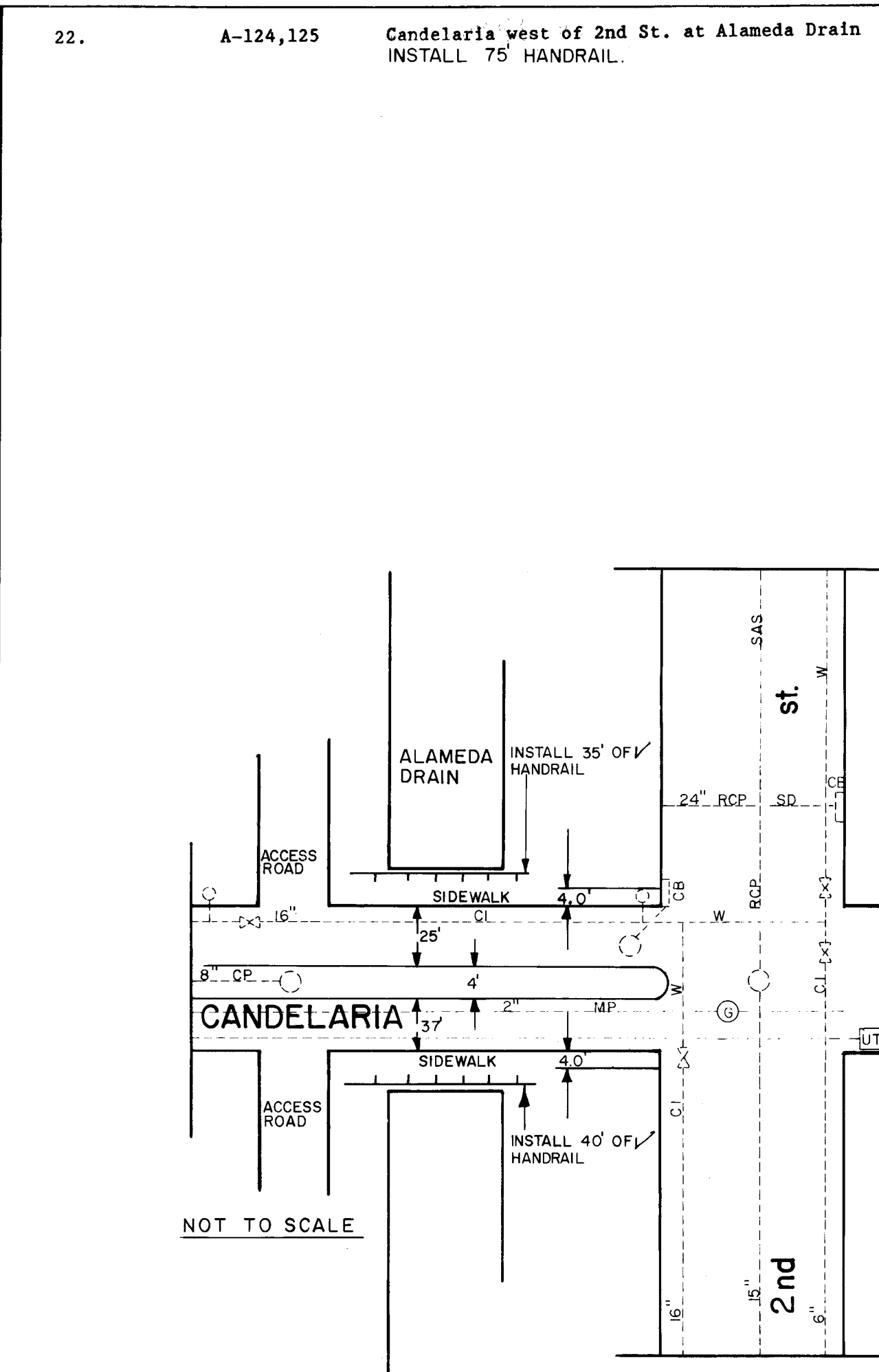
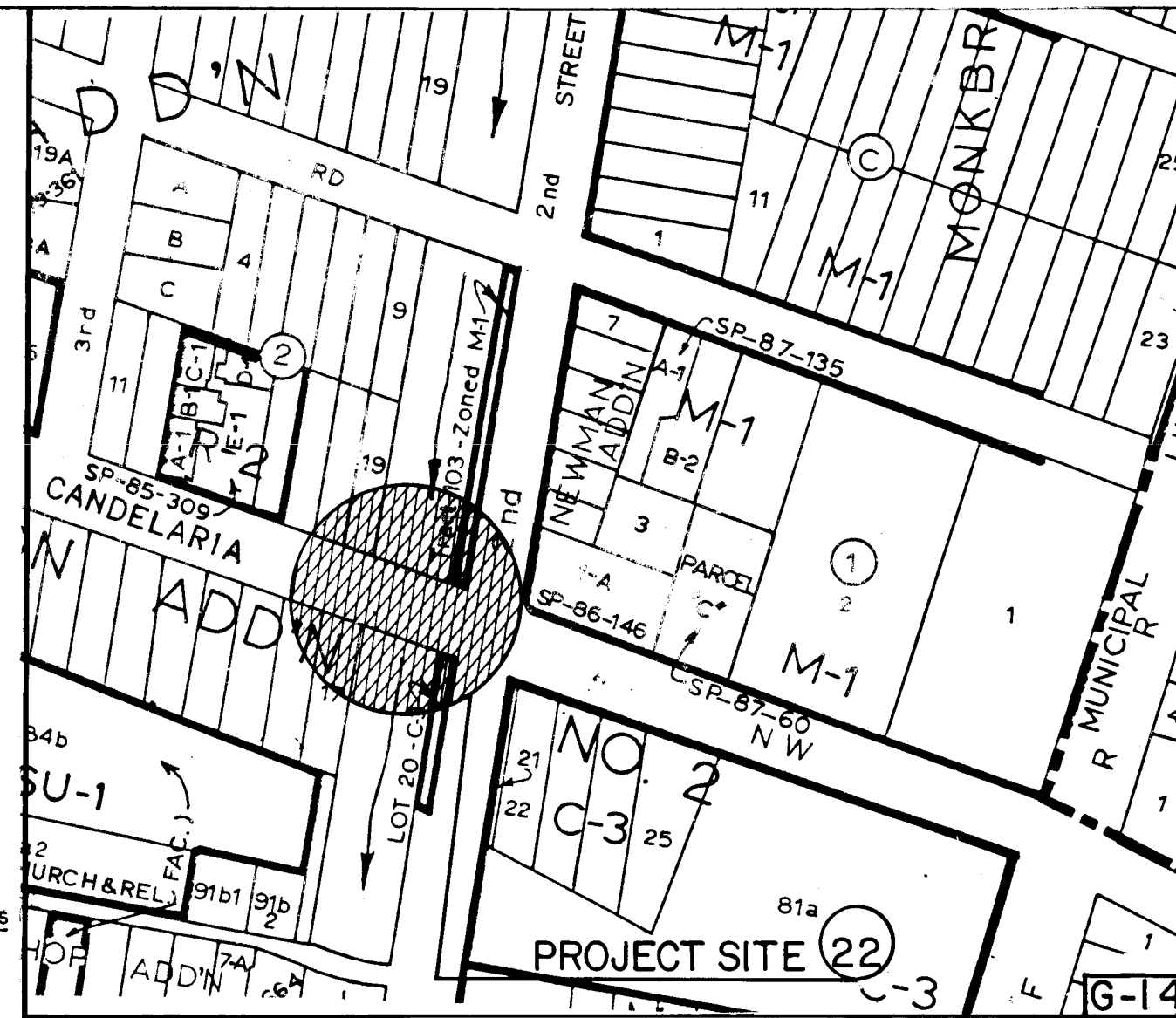
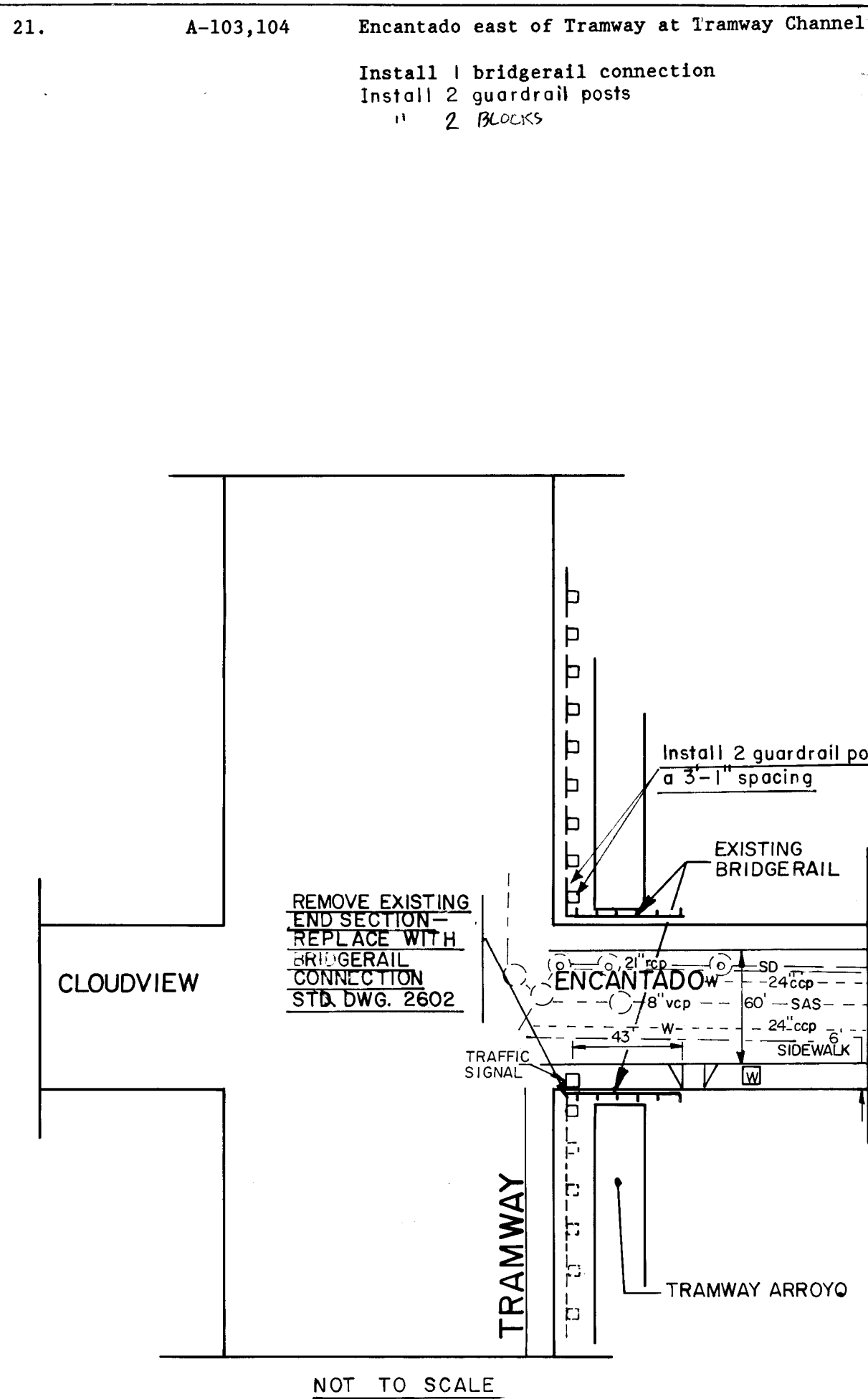
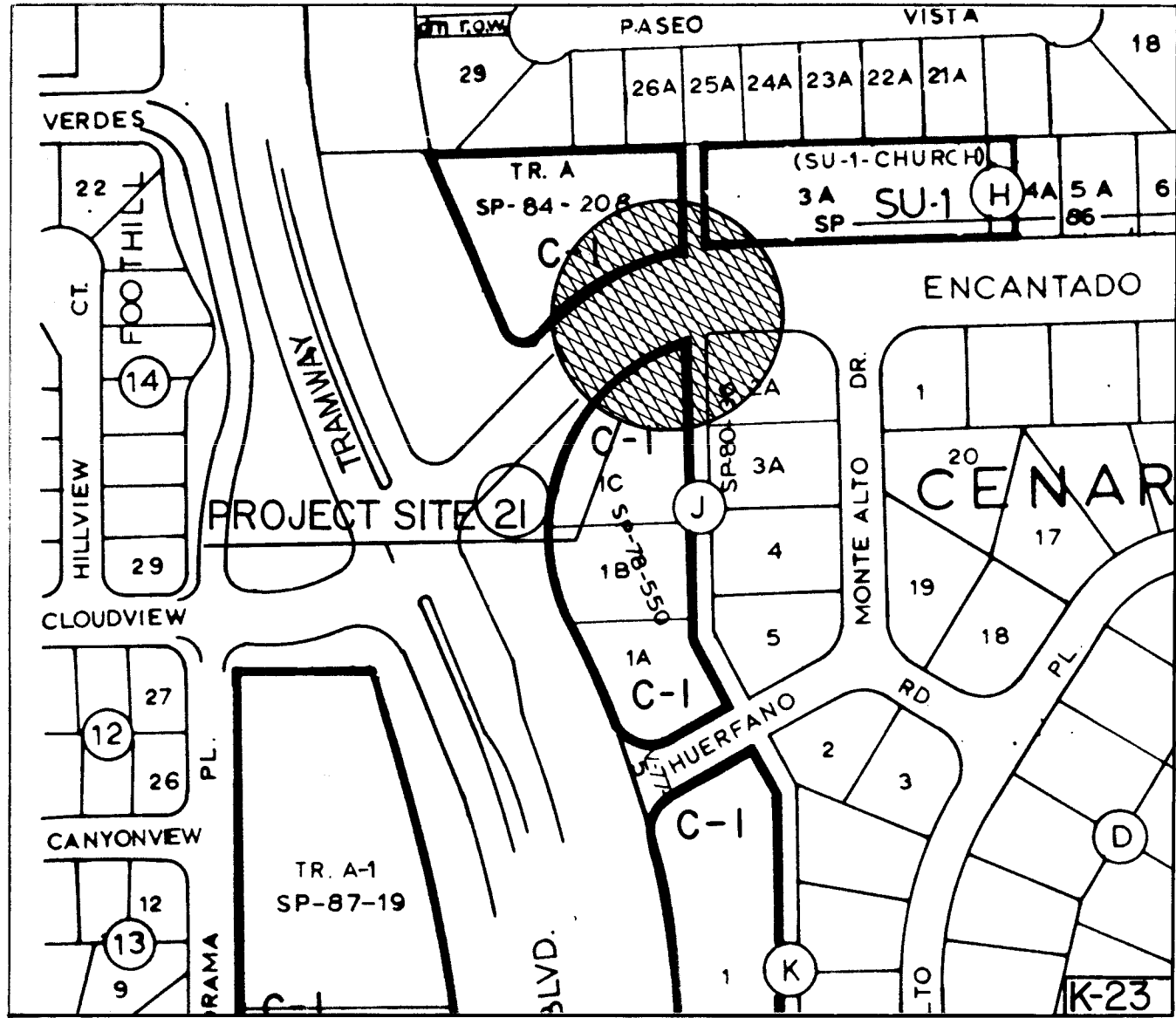
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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: TRANSPORTATION SAFETY PROJECTS - LOCATION LAYOUT -					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	Raul Arce	10/26/09			
Trans. Dev	R. D. Danks	10-18-09			
Utility Dev	R.W. Kane	10-18-09			
DRAWING NO.	3833	MAP NO.	SHEET	3	OF 12



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP TITLE: TRANSPORTATION SAFETY PROJECTS -LOCATION LAYOUT <table><tr><th>APPROVALS</th><th>ENGINEER</th><th>DATE</th><th>APPROVALS</th><th>ENGINEER</th><th>DATE</th></tr><tr><td>D.R.C. Chair</td><td><i>Rogers</i></td><td><i>10/26/89</i></td><td></td><td></td><td></td></tr><tr><td>Trans. Dev</td><td><i>R.W. Kane</i></td><td><i>10-18-89</i></td><td></td><td></td><td></td></tr><tr><td>Utility Dev</td><td><i>R.W. Kane</i></td><td><i>10-18-89</i></td><td></td><td></td><td></td></tr></table> DRAWING NO. 3833 MAP NO. SHEET 4 OF 12												APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE	D.R.C. Chair	<i>Rogers</i>	<i>10/26/89</i>				Trans. Dev	<i>R.W. Kane</i>	<i>10-18-89</i>				Utility Dev	<i>R.W. Kane</i>	<i>10-18-89</i>				ENGINEER'S SEAL NO. DATE REMARKS BY DESIGNED BY DATE DRAWN BY DATE CHECKED BY DATE REVISIONS DESIGN												SURVEY INFORMATION FIELD NOTES NO. BY DATE			BENCH MARKS			AS BUILT INFORMATION CONTRACT APACHE CONST. WORK DATE STATUS BY DATE ACCOMPLISHED BY E. ROYBAL DATE 5/90 FIELD INSPECTION BY DATE RECORDED BY M.F. DATE 9/90 MICRO-FILM INFORMATION RECORDED BY DATE NO				
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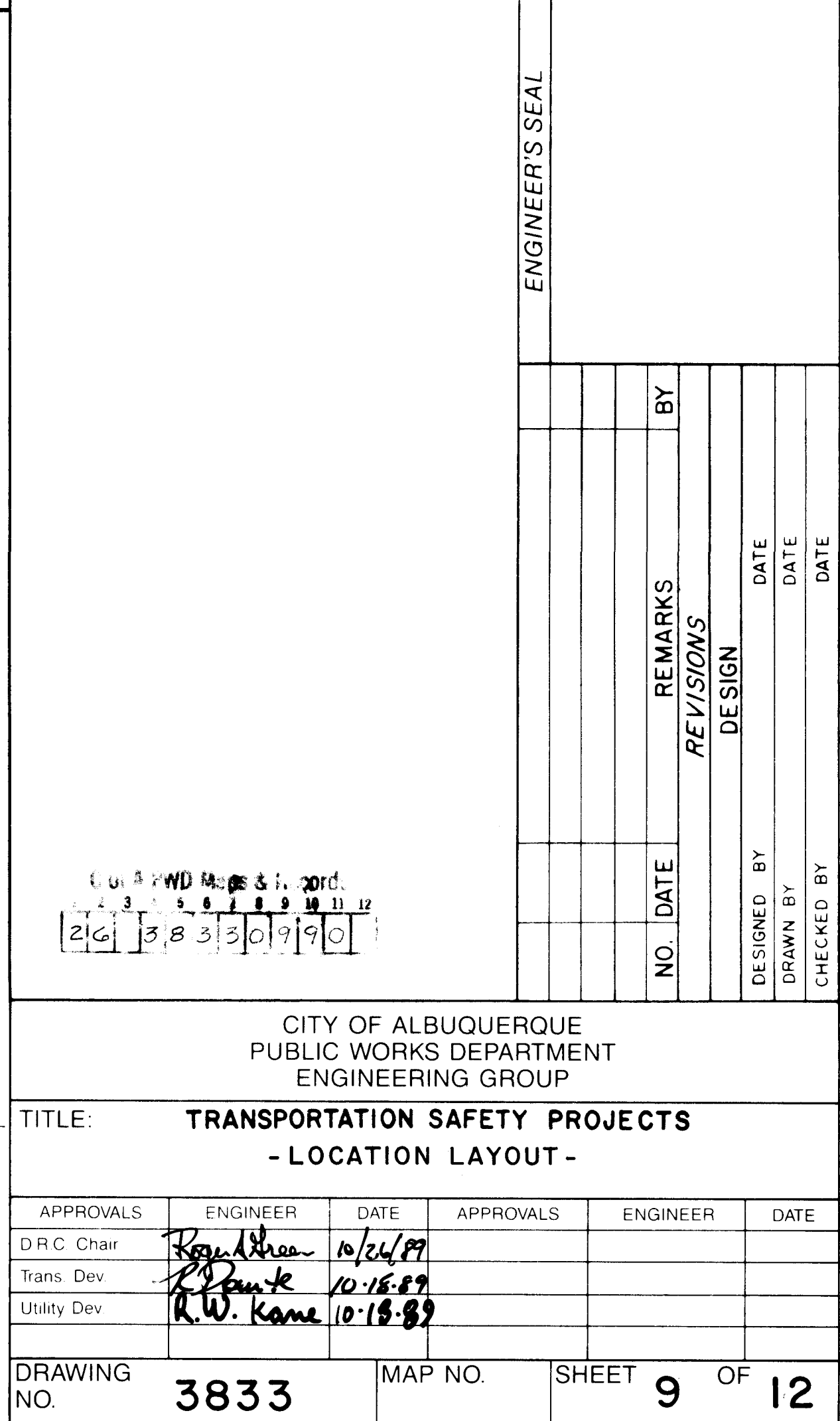
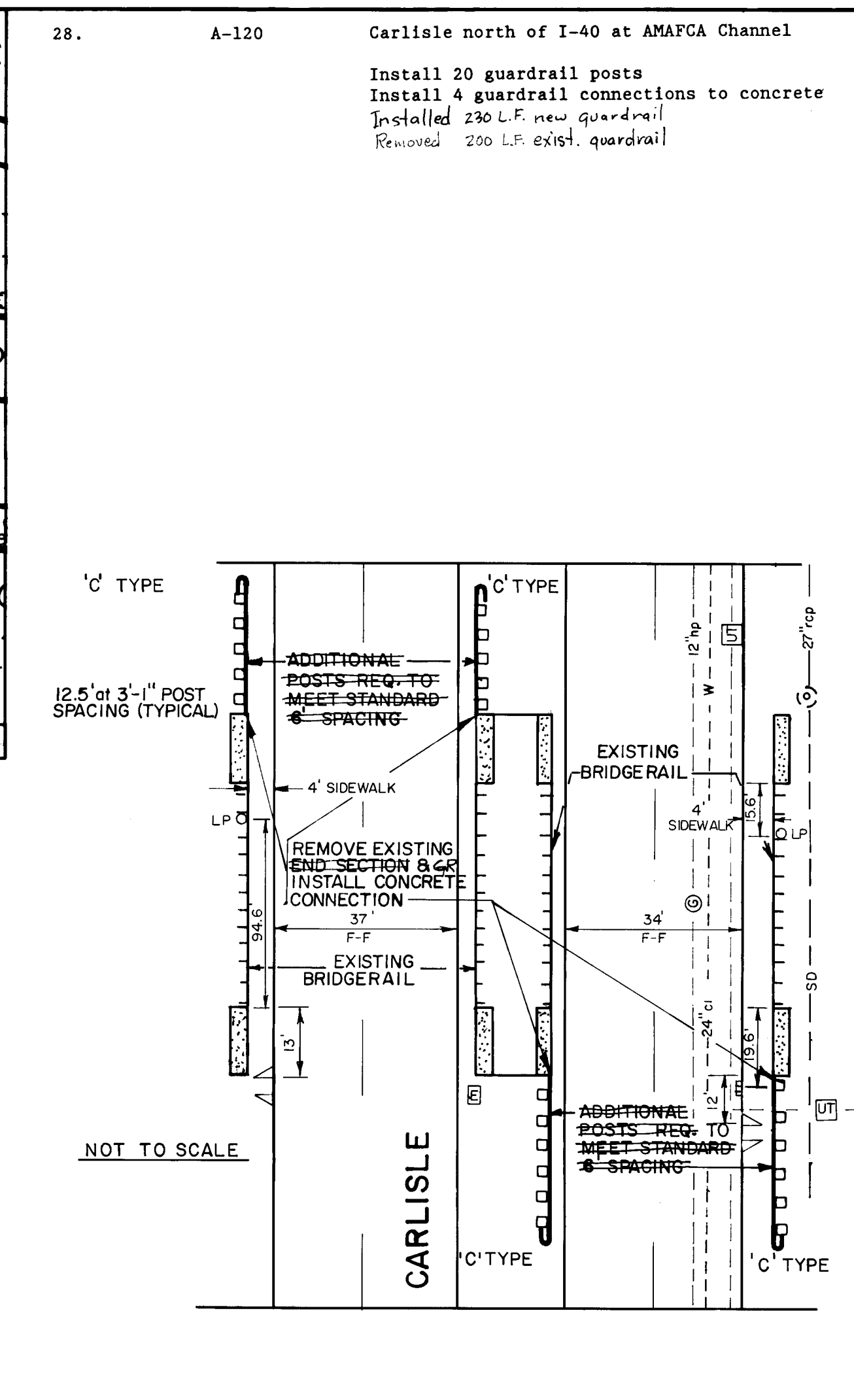
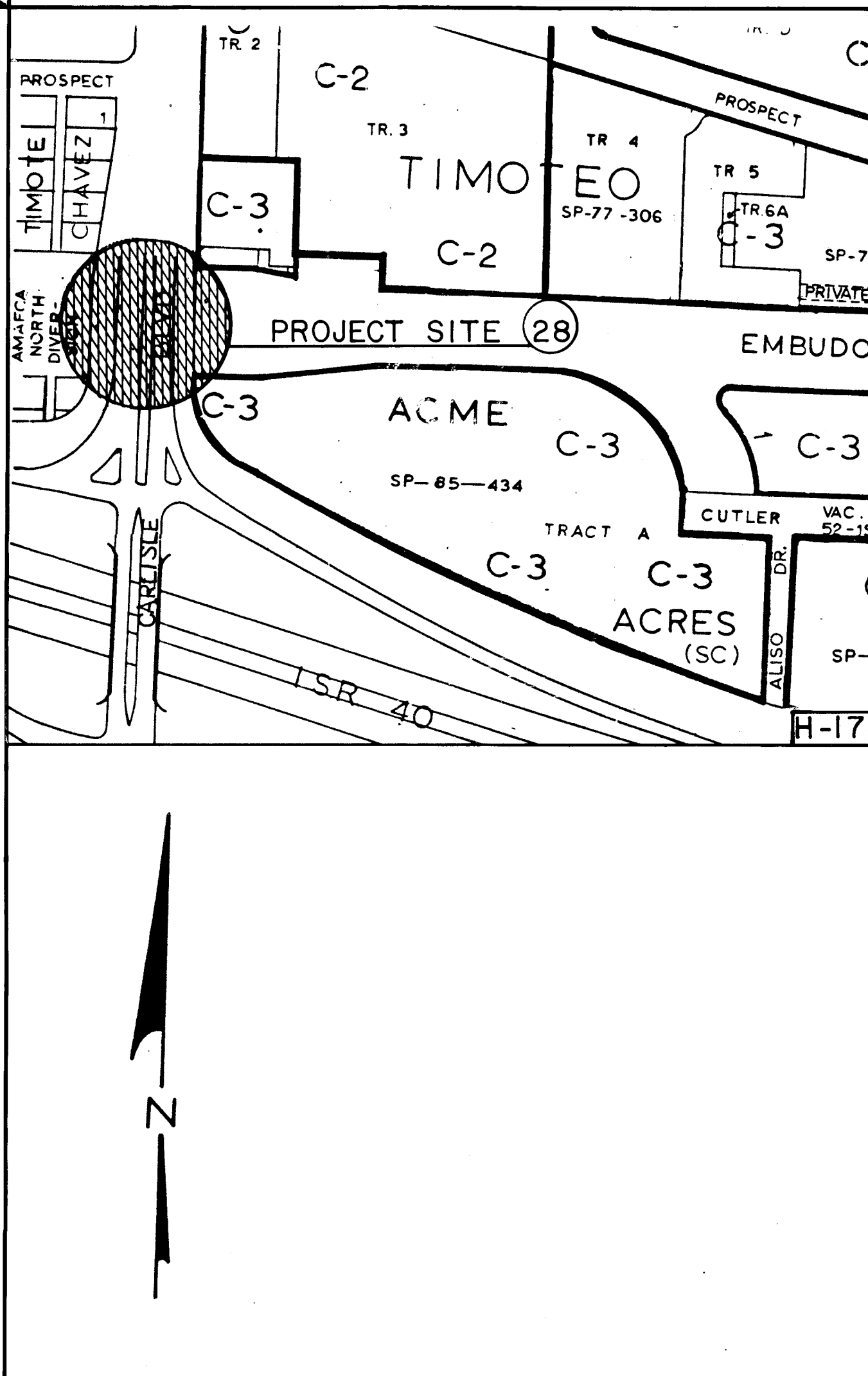
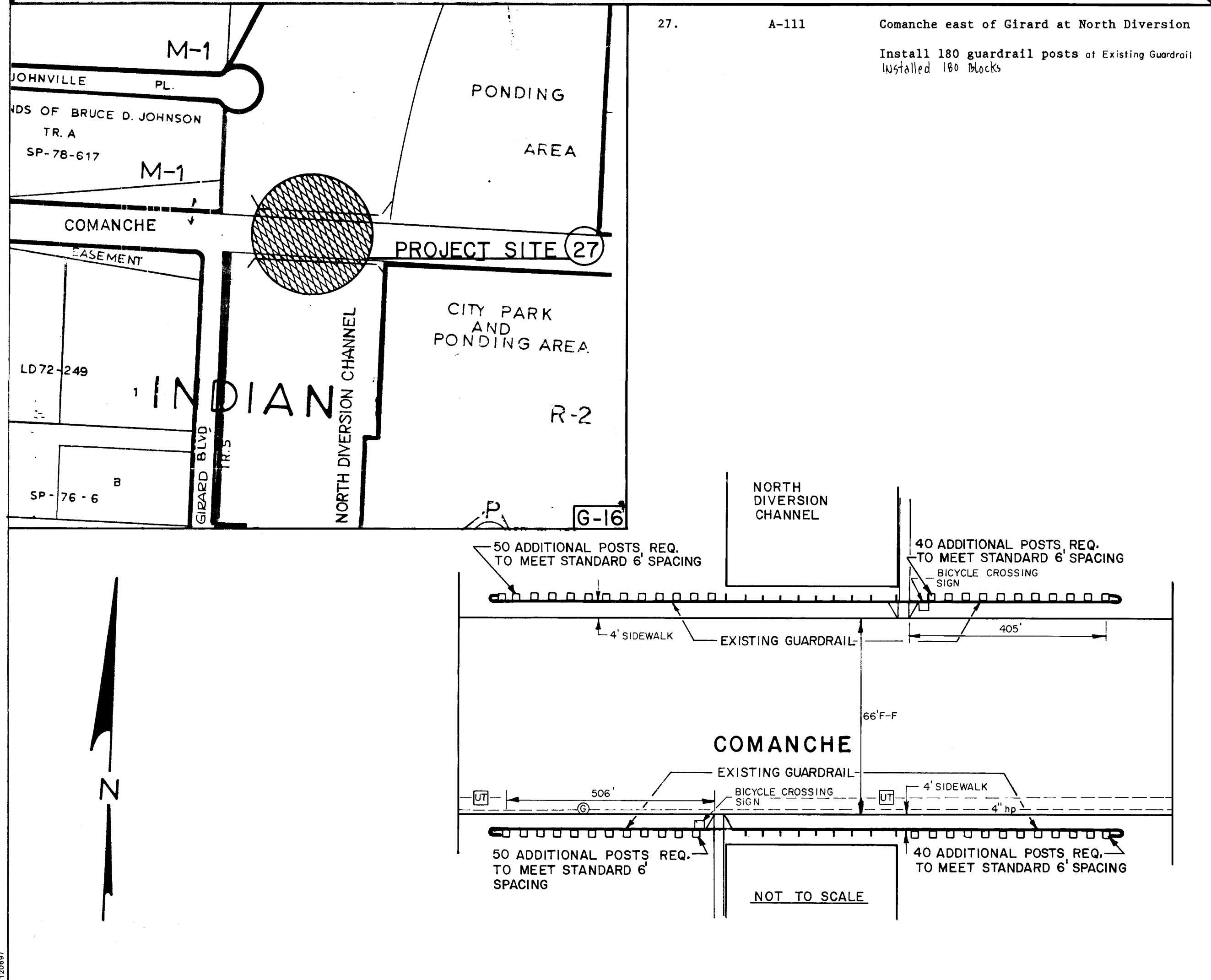
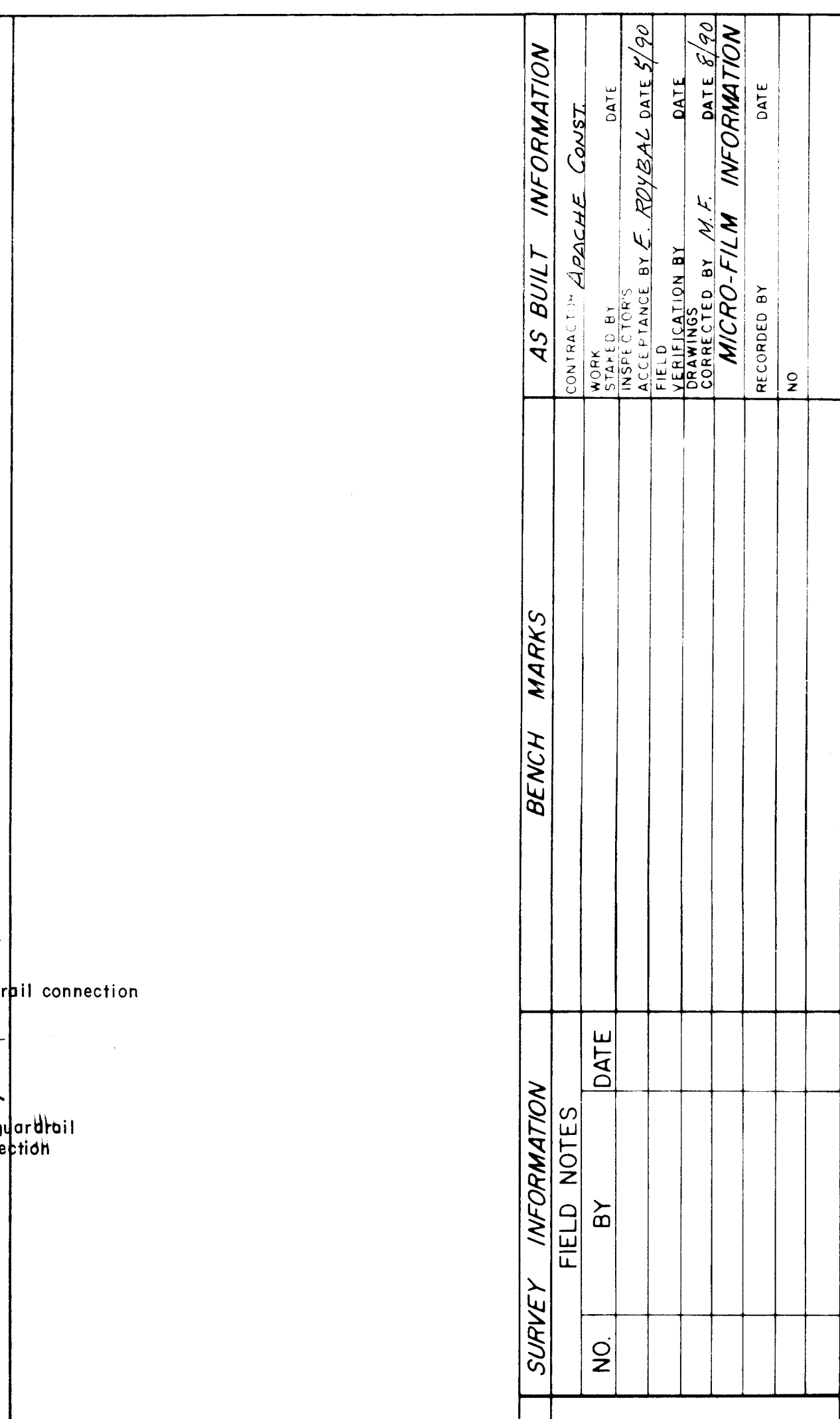
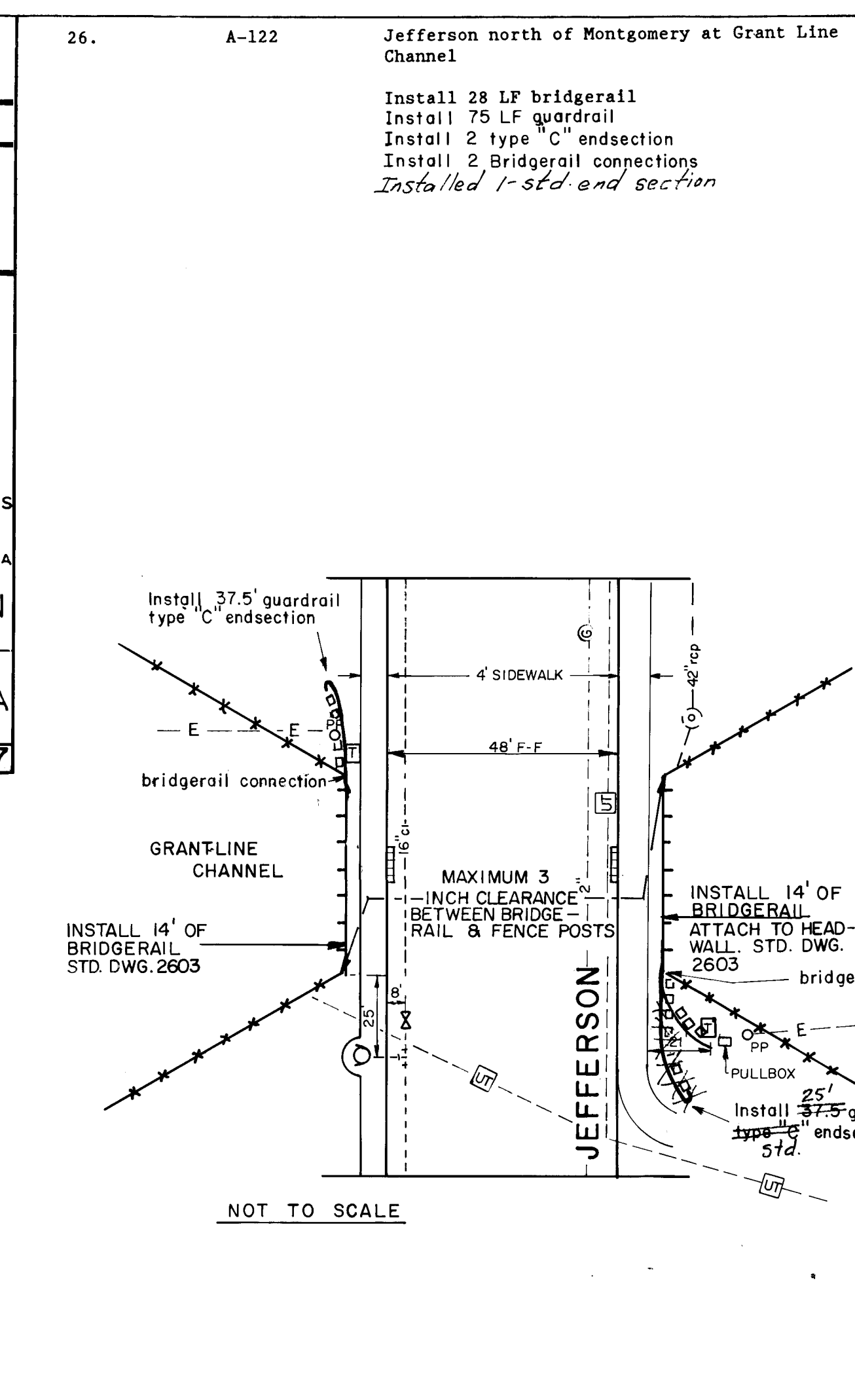
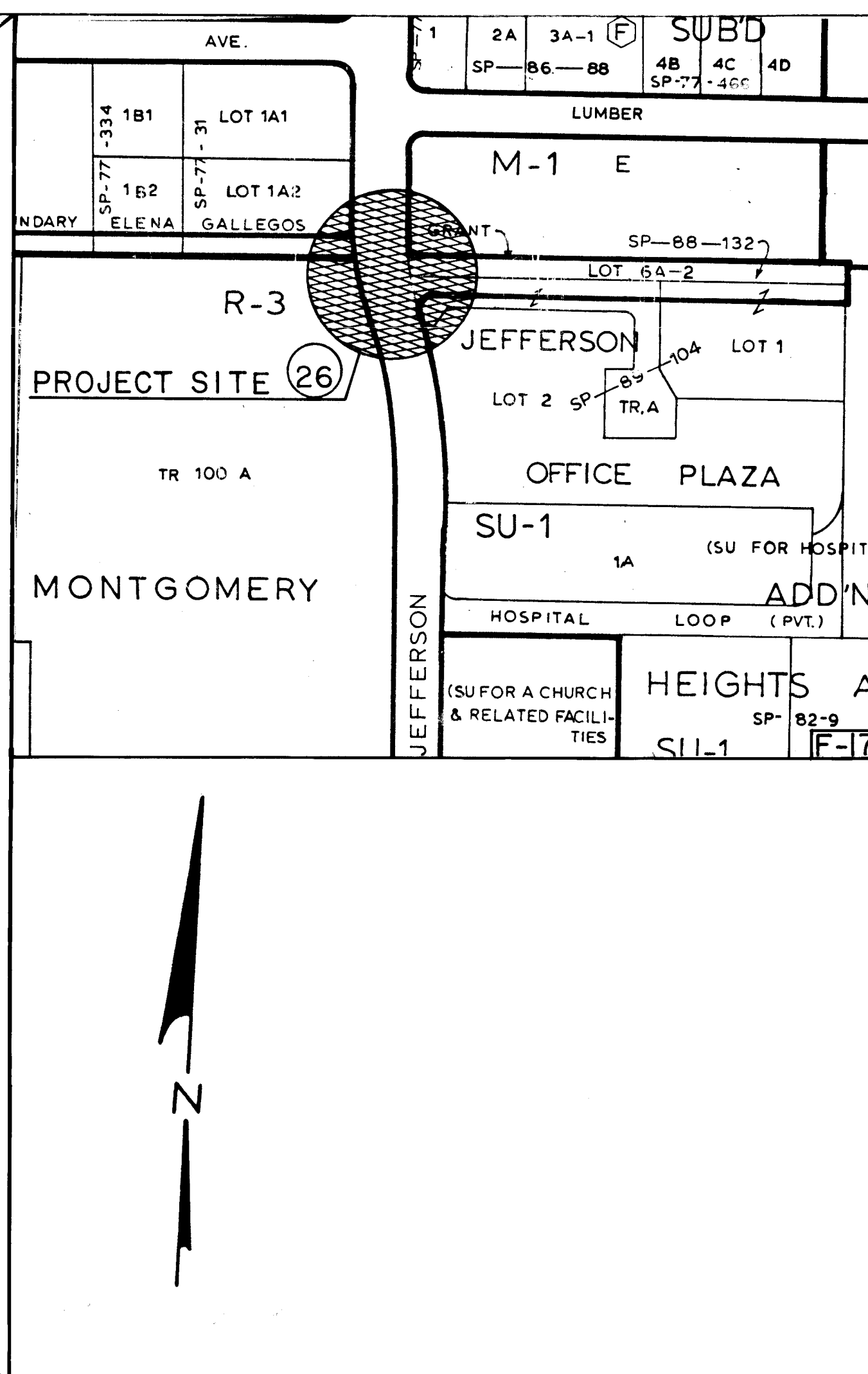
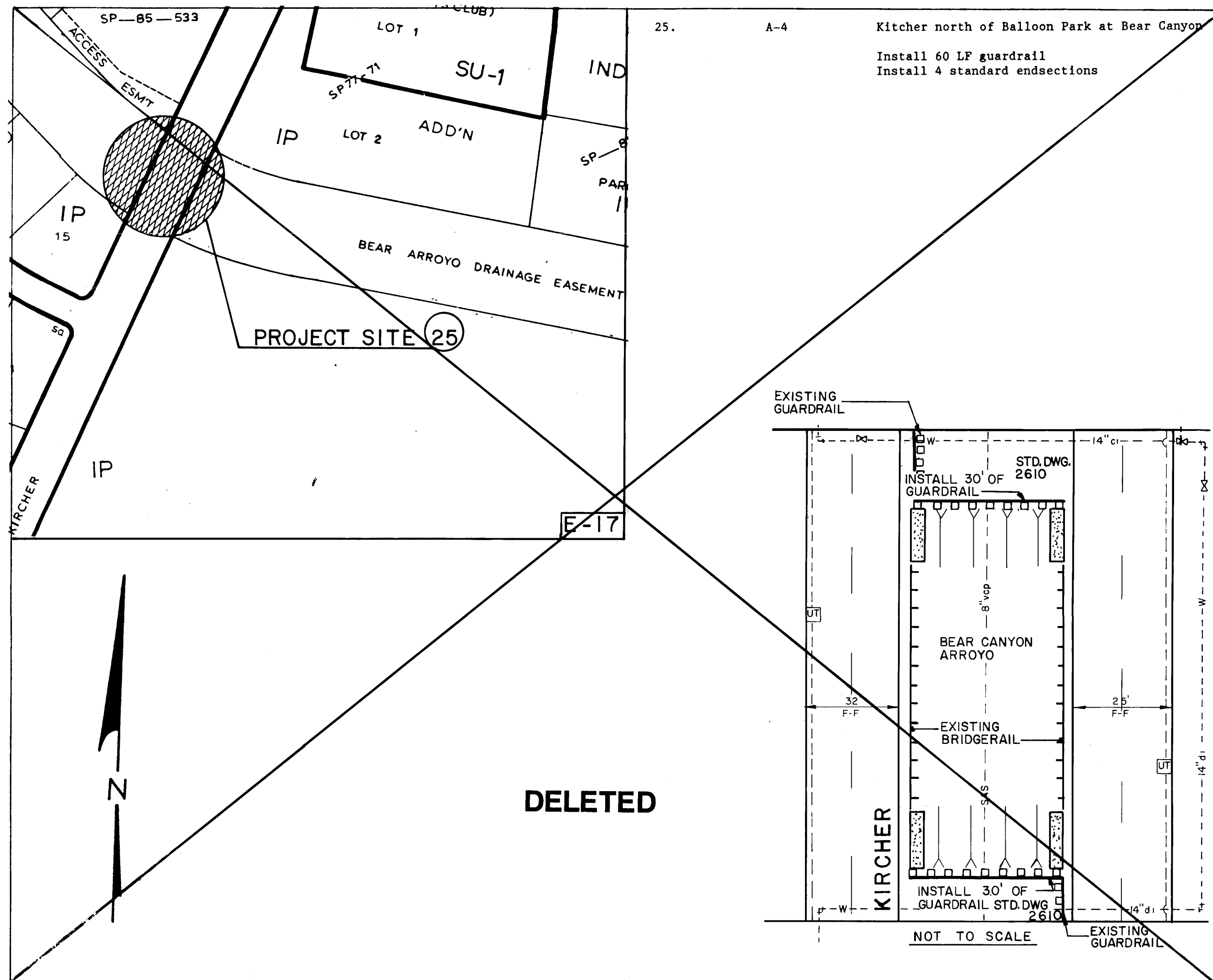
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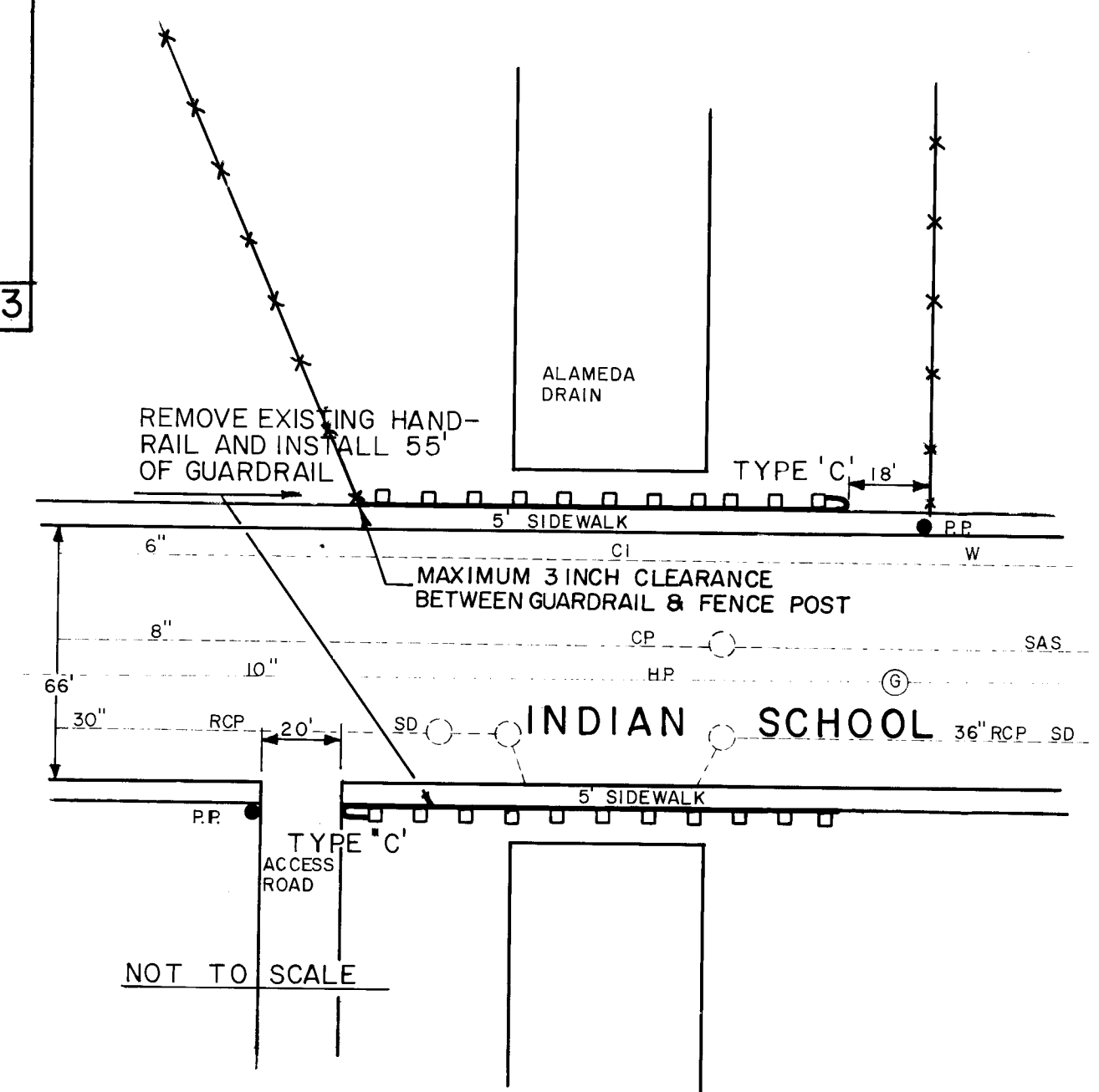
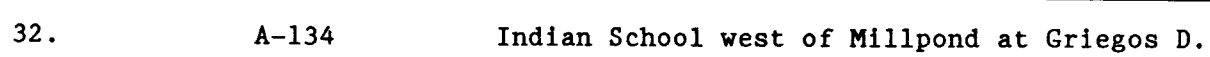
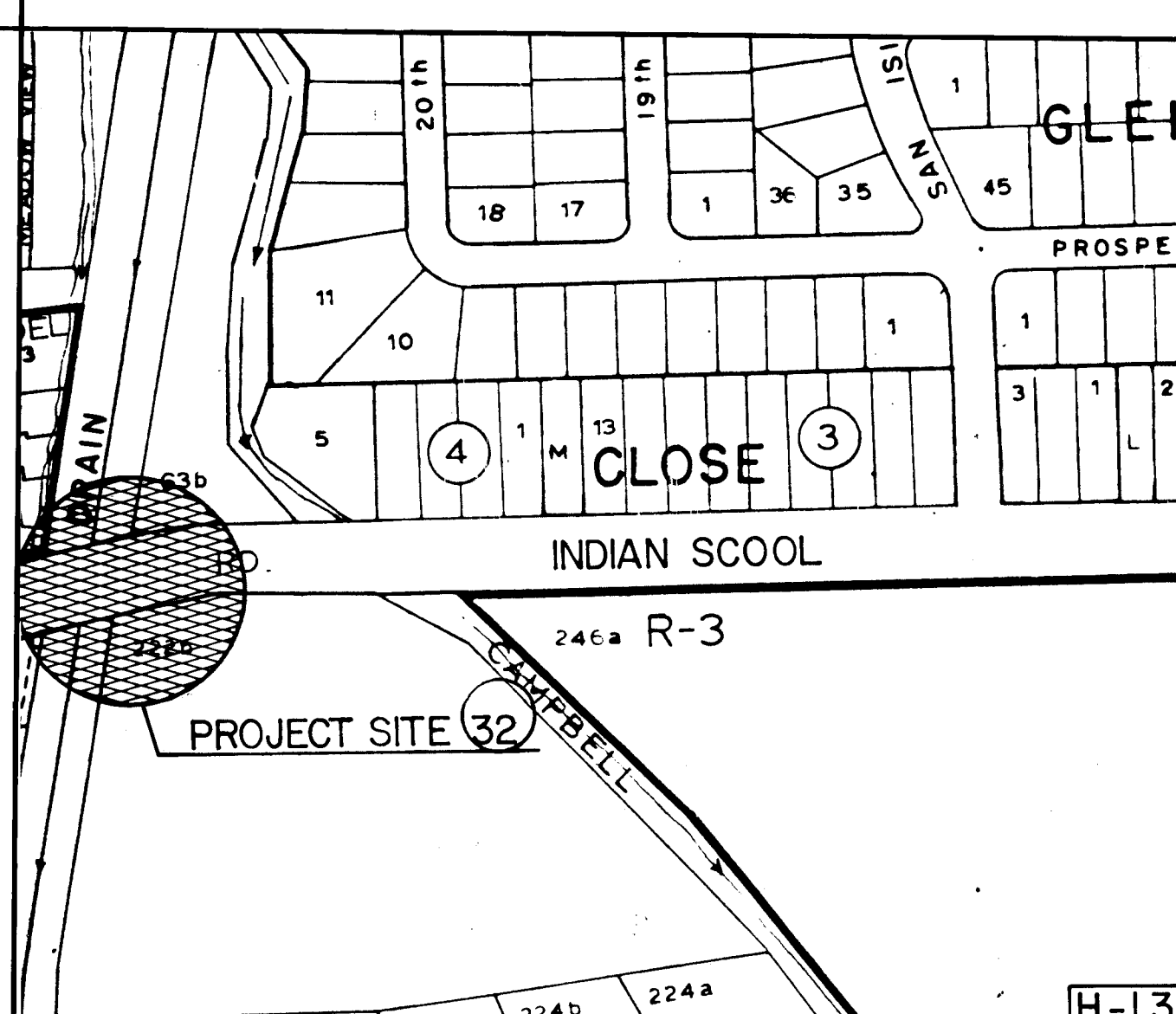
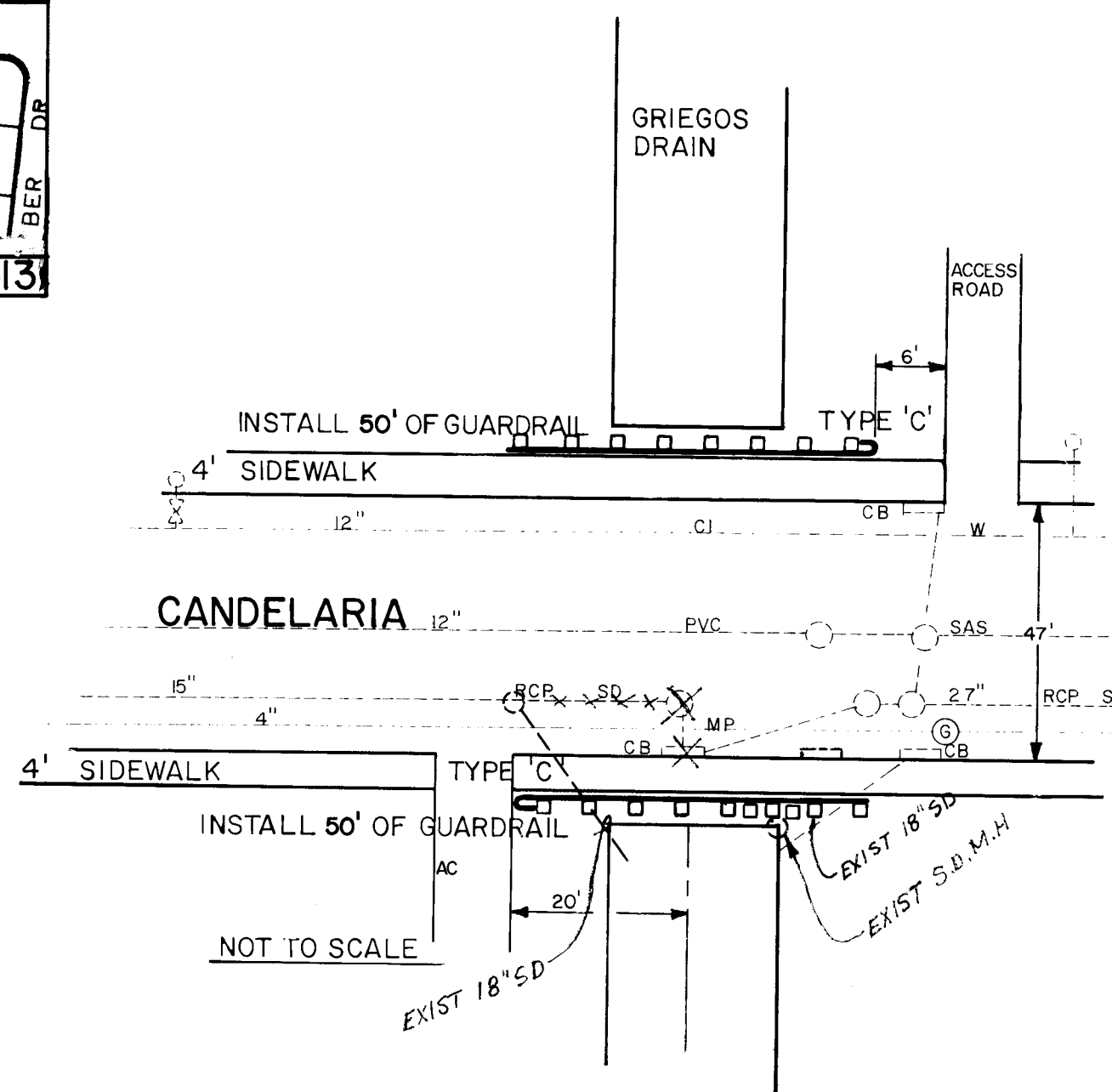
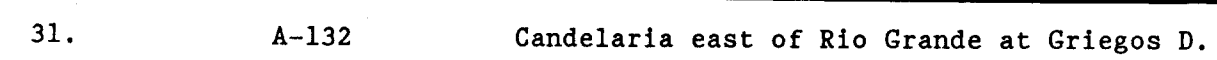
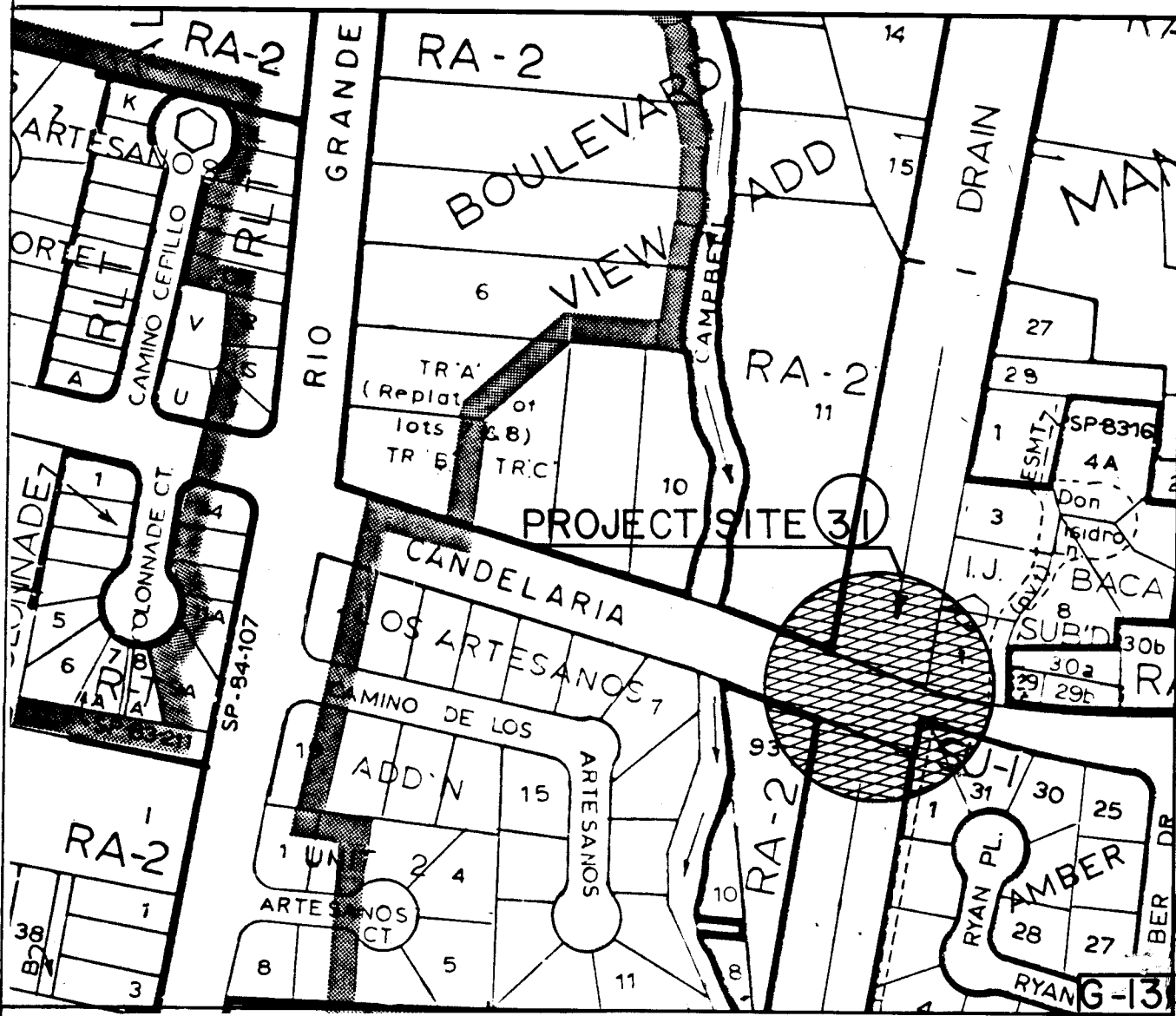
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **TRANSPORTATION SAFETY PROJECTS**
- LOCATION LAYOUT -

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
ORC Chair	Rogel R. Rios	10/26/89			
Trans. Dev	R. W. Kame	10-18-89			
Utility Dev	R. W. Kame	10-18-89			

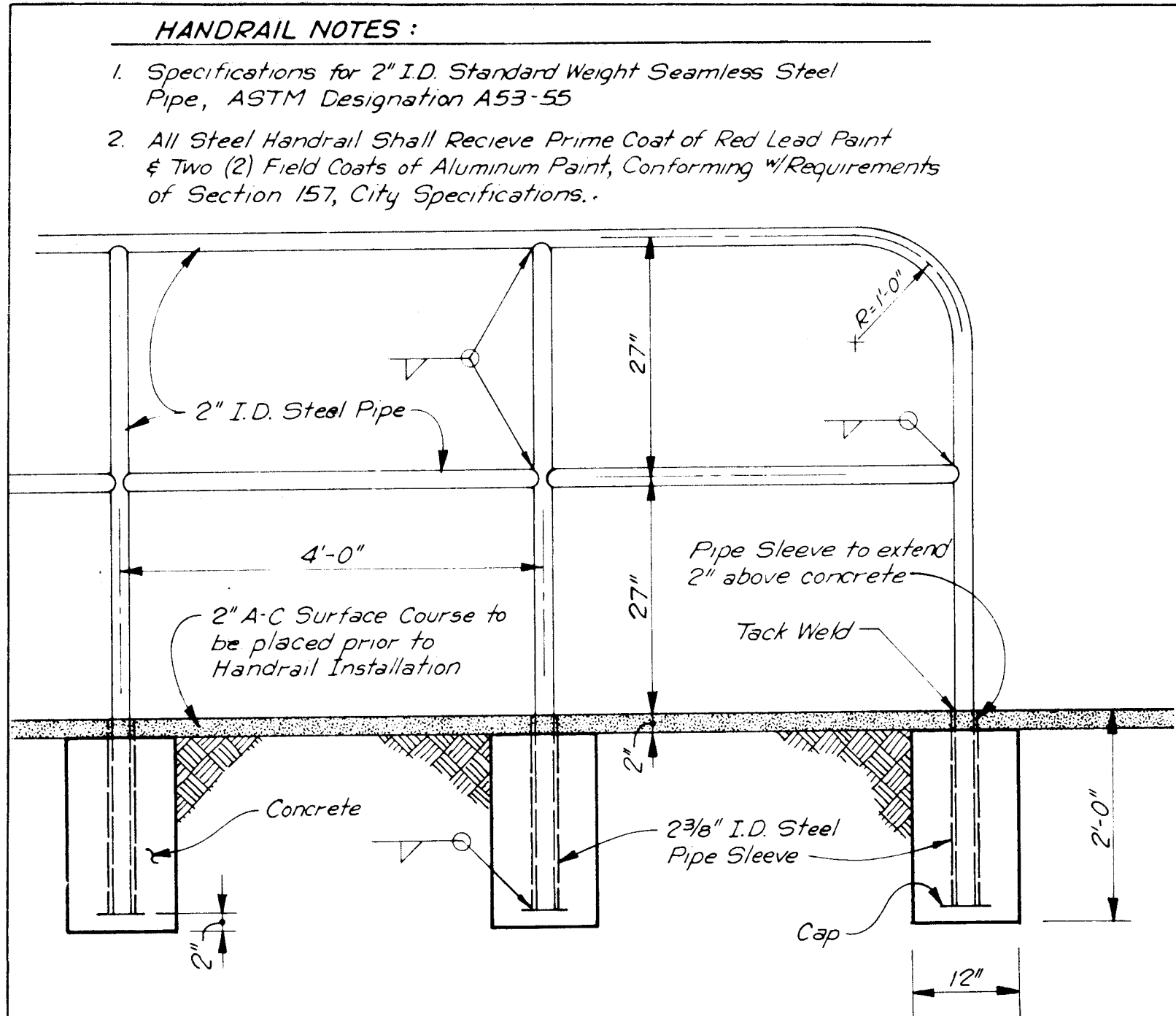
DRAWING NO. **3833** MAP NO. SHEET **8** OF **12**



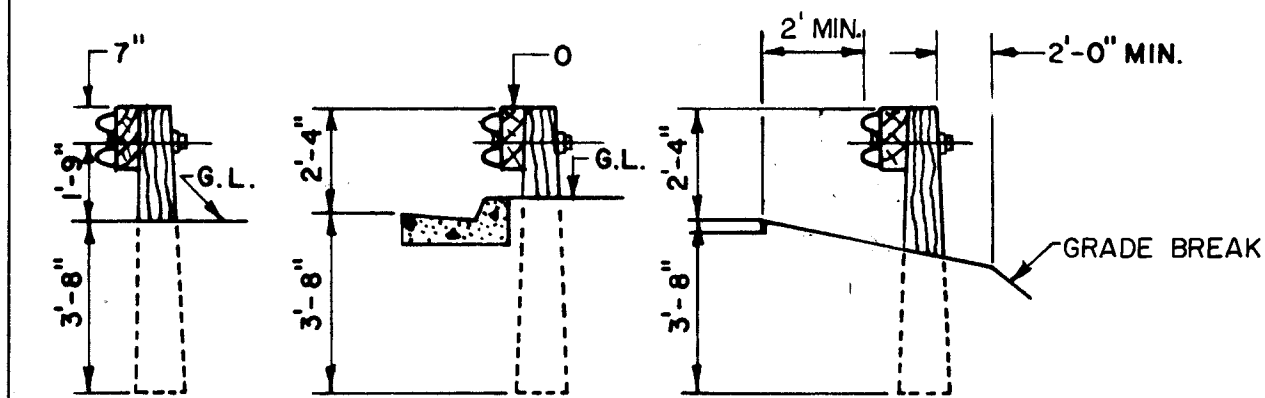


			ENGINEER'S SEAL	SURVEY INFORMATION FIELD NOTES	BENCH MARKS	AS BUILT INFORMATION
				NO.	BY	DATE
						WORK ORDER NO. INSPECTOR'S DATE
						ACCEPTANCE BY E. Foy / DATE 5/90
						DRAWINGS VERIFICATION BY DATE
						DRAWN BY M.F. DATE 8/90
						CHECKED BY MICRO-FILM INFORMATION
						RECORDED BY DATE
						NO

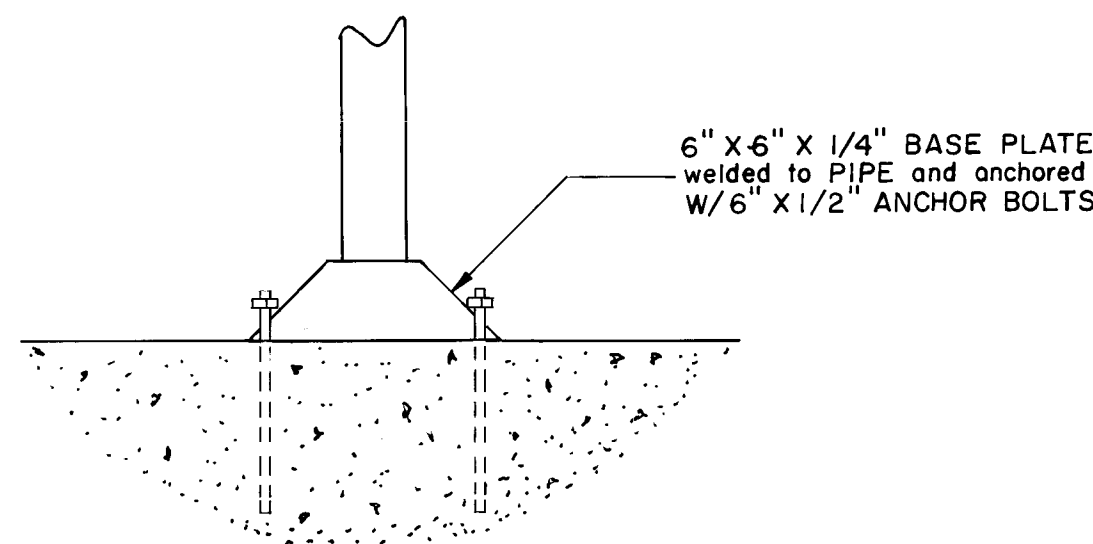
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: TRANSPORTATION SAFETY PROJECTS - LOCATION LAYOUT -					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>Ronald Green</i>	<i>10/16/89</i>			
Trans. Dev	<i>R. W. Rame</i>	<i>10-18-89</i>			
Utility Dev	<i>R. W. Rame</i>	<i>10-18-89</i>			
DRAWING NO. 3833		MAP NO.	SHEET 10 OF 12		



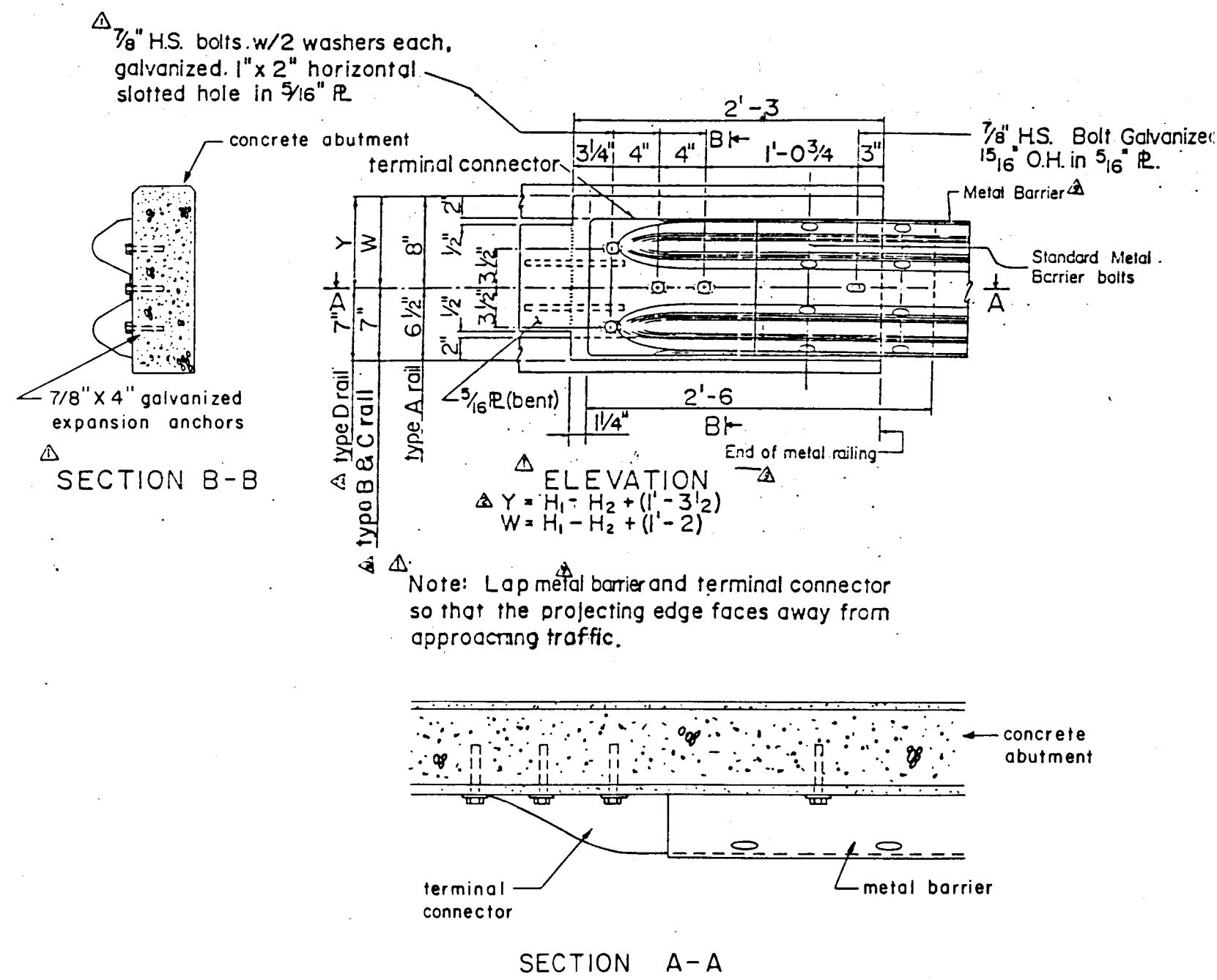
HANDRAIL ELEVATION
NO SCALE



INSTALLATION DETAILS



ALTERNATE INSTALLATION ON CBC



TERMINAL CONNECTION to CONCRETE ABUTMENT

26 3833 12 19 10

AS BUILT INFORMATION			BENCH MARKS			SURVEY INFORMATION			ENGINEER'S SEAL			REVISIONS			DESIGN			DATE		
CONTRACTOR	APACHE CONST.		DATE			NO.	BY	DATE				NO.	DATE	BY	DESIGNED BY	DATE	DRAWN BY	DATE	CHECKED BY	DATE
STARTED BY			DATE																	
ACCEPTANCE			DATE																	
FIELD			DATE																	
REVISIONS			DATE																	
CORRECTED BY			DATE																	
RECORDED BY			DATE																	
NO																				

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: — DETAILS —					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	Royce A. Rios	10/26/09			
Trans. Dev	R.W. Kame	10-15-89			
Utility Dev	R.W. Kame	10-19-89			
DRAWING NO.	3833	MAP NO.	SHEET	12	OF 12