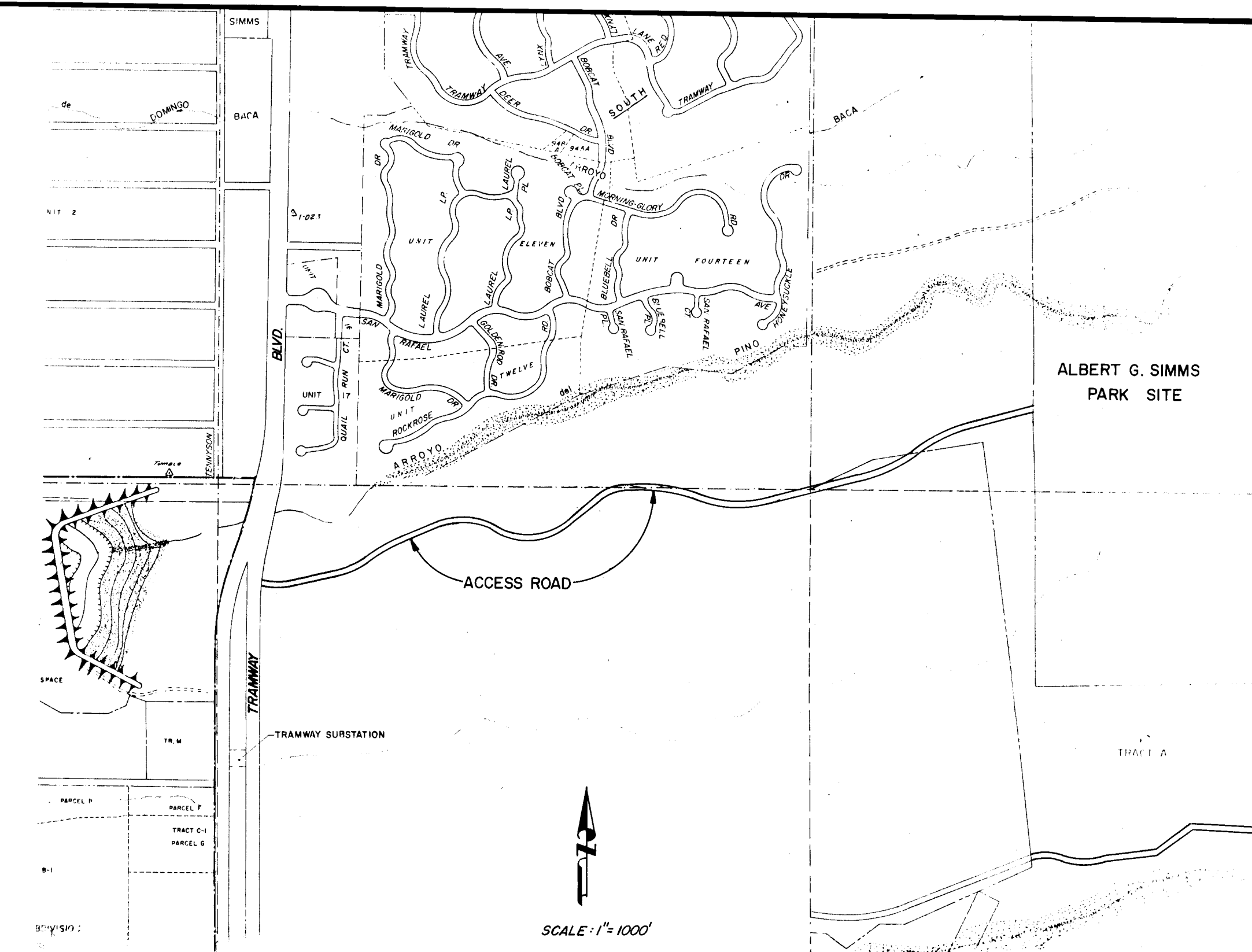


ACCESS ROAD, TRAMWAY BLVD. EAST TO ALBERT G. SIMMS PARK

INDEX

SHEET	DESCRIPTION
1	TITLE SHEET
2	PLATS
3	TRAMWAY BLVD. TURN LANES
4	PLAN & PROFILE STA. 7+01.06 TO 30+42.86
5	PLAN & PROFILE STA. 30+42.86 TO 50+72.15
6	PLAN & PROFILE STA. 50+72.15 TO 71+18.60
7	PLAN & PROFILE STA. 71+18.60 TO 84+52.42
8	STREET SECTIONS
9	DETAILS
10	DETAILS
11	CATTLE GUARD DETAILS



NOTICE TO CONTRACTORS

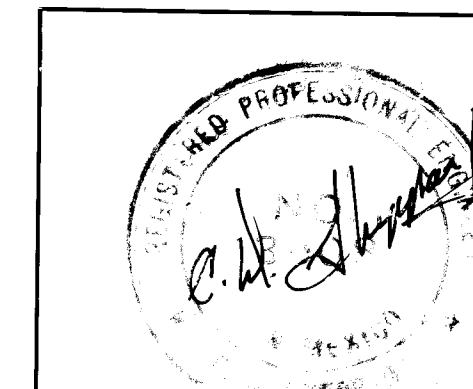
- All work detailed on these plans to be performed under contract shall, except as otherwise stated or provided for hereon, be constructed in accordance with the New Mexico Standard Specifications for Public Works Construction-1979 Edition (referred to herein as the Standard Specifications) and the Contract Documents for Public Works Contract 85-2.
- Two (2) working days prior to any excavation, the contractor must contact 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. Should a conflict exist, the contractor shall notify the engineer or surveyor so that the conflict can be resolved with minimum amount of delay.
- During the months of July, August, or September, any grading within or adjacent to a watercourse defined as a major facility shall provide for erosion control and the safe passage of the 10-year design storm runoff during the construction phase.
- Contractor's work is to be strictly limited to right of way and construction easement. Access will be controlled into and out of the construction site by the city field engineer and/or city inspector.

- ☐ 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 depressed for a driveway or a handicap ramp, the driveway or ramp shall be constructed prior to acceptance of the curb and gutter.
- ☒ All storm drainage facilities shall be completed prior to final acceptance.

26 15960186

David B. Smith
8-25-86

REV.	SHEETS	CITY ENGR.	DATE	USER DEPT.	DATE	USER DEPT.	DATE



CITY OF ALBUQUERQUE

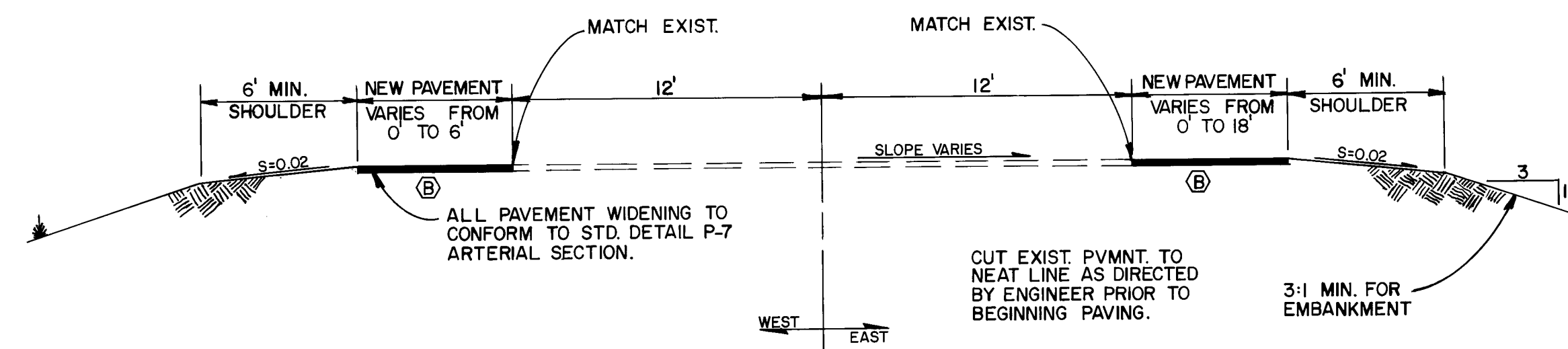
PROJECT NO.

1596

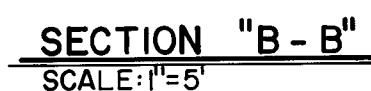
APPROVED FOR
CONSTRUCTION

D. B. Smith
CITY ENGR. 8/25/86

SHEET 1 OF 11



TYPICAL PAVEMENT WIDENING SECTION



(A) EMBANKMENT FILL MAY BE REQUIRED ON THE EAST SIDE OF TRAMWAY FOR A DISTANCE OF APPROX. 200 ft. NORTH OF THE CULVERT AT SECTION "A-A" TO ACHIEVE A MINIMUM SHOULDER WIDTH OF 6 ft. AS PER TYPICAL PAVEMENT WIDENING SECTION.

(B) SLOPE OF NEW PAVEMENT IS TO MATCH SLOPE OF EXISTING PAVEMENT AT EACH SECTION.

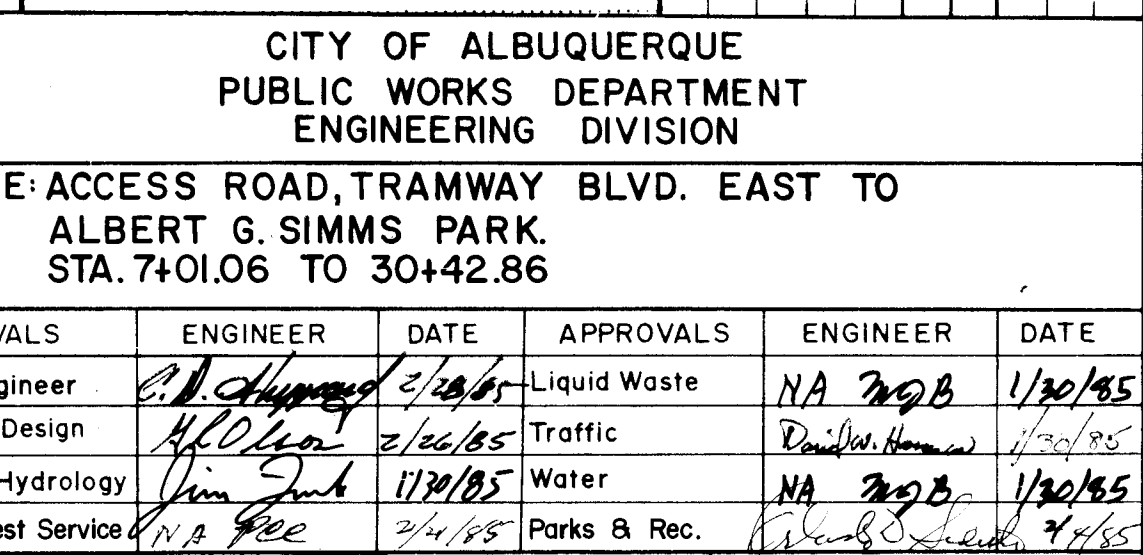
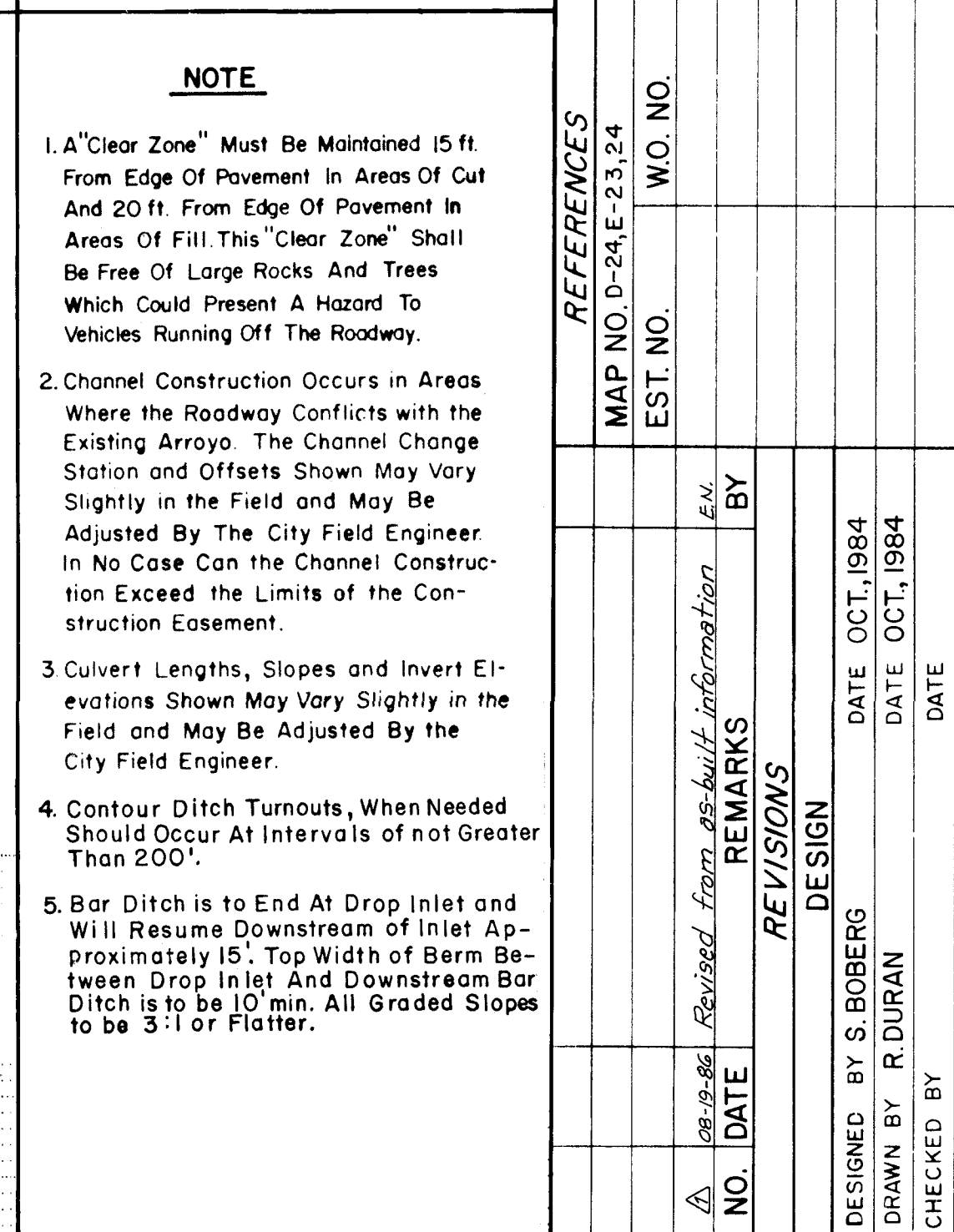
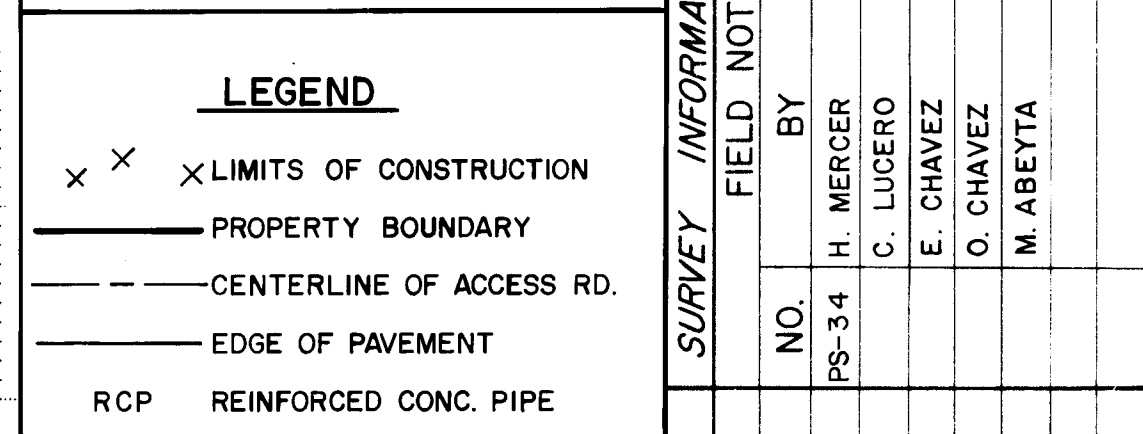
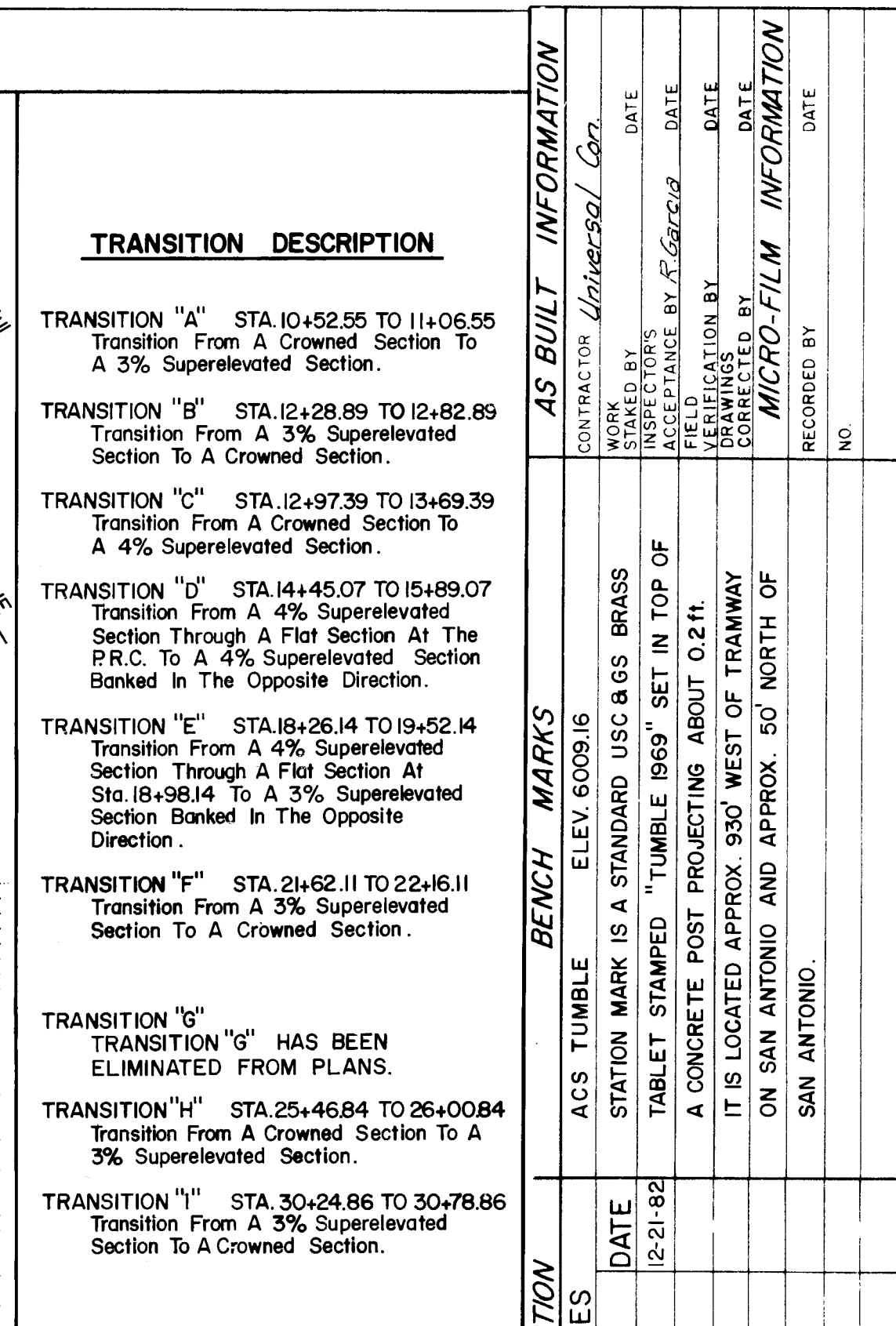
ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		FIELD NOTES				AS BUILT INFORMATION	
NO.	BY	DATE	ACS	TUMBLE	ELEV.	DATE	
DS-38	D. KRAEMER	10-30-84	STATION	MARK IS A STANDARD USC B & S BRASS	6009.16	DATE	
	P. ROMERO		TABLET	STAMPED "TUMBLE 1969" SET IN TOP OF		DATE	
	G. BARTERO		A CONCRETE	POST PROJECTING ABOUT 0.2 ft.		DATE	
	O. CHAVEZ		IT IS LOCATED	APPROX. 930' WEST OF TRAMWAY		DATE	
	S. JAFARI		ON SAN ANTONIO	AND APPROX. 50' NORTH OF		DATE	
			SAN ANTONIO.			DATE	

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: ACCESS ROAD, TRAMWAY BLVD. EAST TO
ALBERT G. SIMMS PARK
TRAMWAY TURN LANES

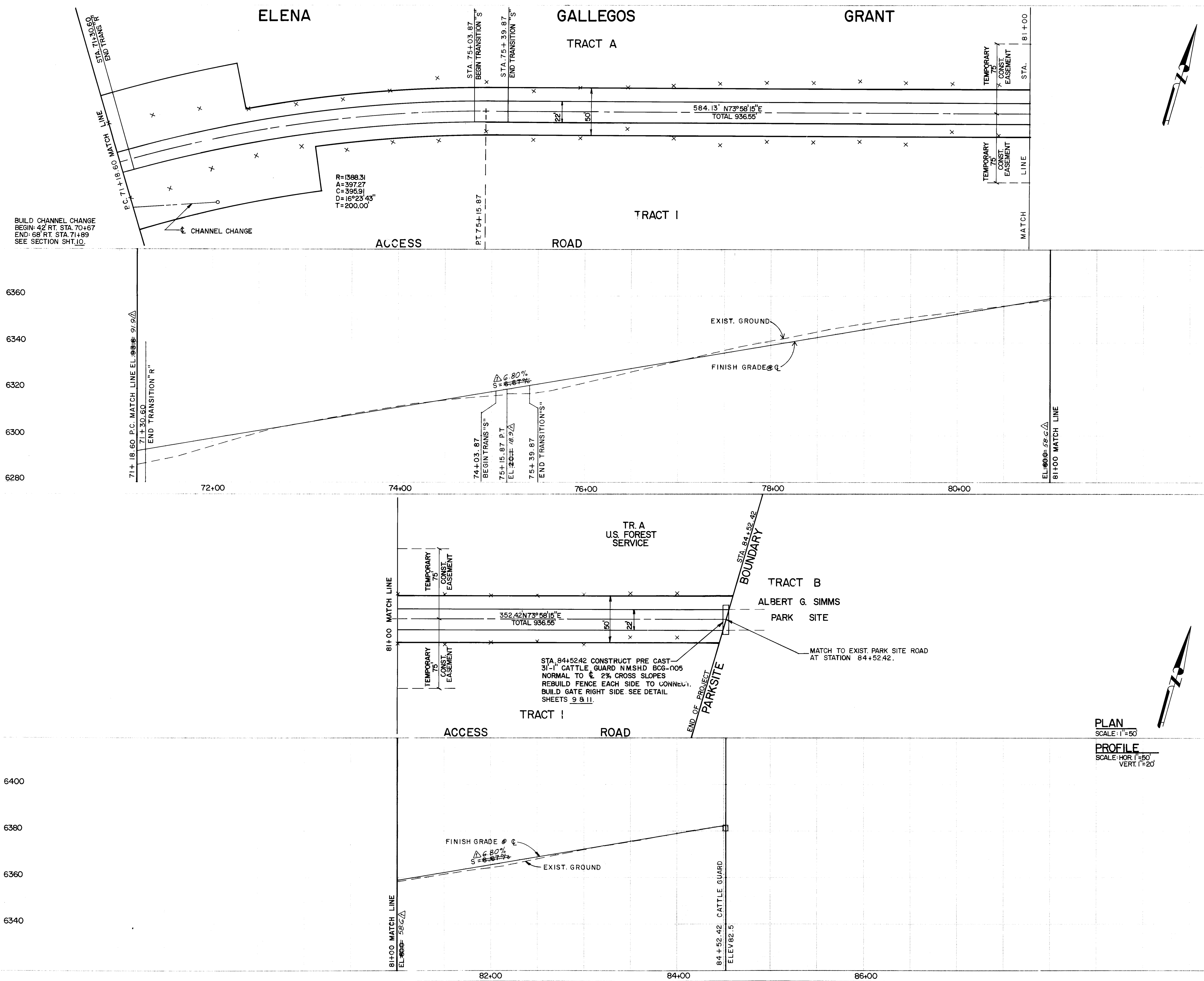
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>P. N. Hughes</i>	<i>4/26/85</i>	Liquid Waste	<i>NA mgB</i>	<i>1/30/85</i>
A C E - Design	<i>HRD</i>	<i>2/26/85</i>	Traffic	<i>Daniel A. Homan</i>	<i>1/30/85</i>
A C E - Hydrology	<i>Jim Zink</i>	<i>1/31/85</i>	Water	<i>NA mgB</i>	<i>1/30/85</i>
U.S. Forest Service	<i>NA REC</i>	<i>4/1/85</i>	Parks & Rec.	<i>Charles A. DeWitt</i>	<i>2/4/85</i>
DRAWING NO	1596		MAP NO	SHEET 3 OF 11	
			D-24, E-23&24		

1299



**APPROVED FOR
CONSTRUCTION**

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION					
TITLE: ACCESS ROAD, TRAMWAY BLVD. EAST TO ALBERT G. SIMMS PARK. STA. 7+01.06 TO 30+42.86					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	5/14/85	Liquid Waste	NA	1/30/85
A.C.E. - Design	<i>[Signature]</i>	2/26/85	Traffic	<i>[Signature]</i>	1/30/85
A.C.E. - Hydrology	<i>[Signature]</i>	1/29/85	Water	NA	1/30/85
U.S. Forest Service	<i>[Signature]</i>	2/4/85	Parks & Rec.	<i>[Signature]</i>	2/4/85
DRAWING NO.	1596		SHEET 4 OF 11		



BUILD CHANNEL CHANGE
BEGIN: 42' RT. STA. 70+67
END: 68' RT. STA. 71+89
SEE SECTION SHT. 10.

R=1388.31
A=397.27
C=395.91
D=16°23'43"
T=200.00

STA. 84+52.42 CONSTRUCT PRE CAST
31"-1" CATTLE GUARD NMSHD BCG-005
NORMAL TO 2% CROSS SLOPES
REBUILD FENCE EACH SIDE TO CONNCT.
BUILD GATE RIGHT SIDE SEE DETAIL
SHEETS 9 & 11.

PLAN
SCALE: 1"=50'
PROFILE
SCALE: HOR. 1"=50'
VERT. 1"=20'

TRANSITION DESCRIPTIONS
TRANSITION "R" STA. 70+34.60 TO 71+30.60
Transition From A Crowned Section To A
2% Superelevated Section.
TRANSITION "S" STA. 79+03.87 TO 71+39.87
Transition From A 2% Superelevated Section
To A Crowned Section.

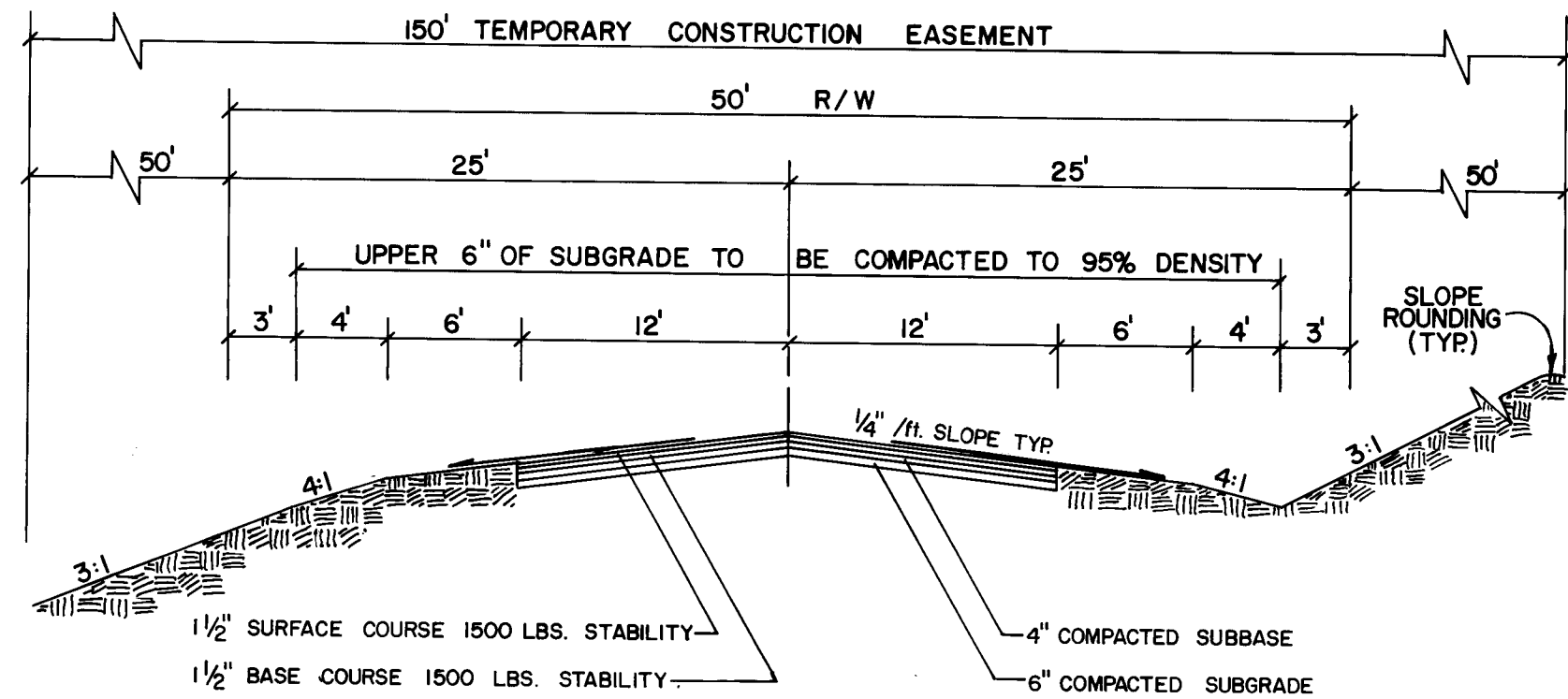
LEGEND
X X X LIMITS OF CONSTRUCTION
— CENTERLINE OF ACCESS ROAD
— EDGE OF PAVEMENT

NOTE
1. A "Clear Zone" Must Be Maintained 15 ft.
From Edge Of Pavement In Areas Of Cut
And 20 ft. From Edge Of Pavement In
Areas Of Fill. This "Clear Zone" Shall
Be Free Of Large Rocks And Trees
Which Could Present A Hazard To
Vehicles Running Off The Roadway.
2. Channel Construction Occurs In Areas
Where The Roadway Conflicts With The
Existing Arroyo. The Channel Change
Station And Offsets Shown May Vary
Slightly In The Field And May Be
Adjusted By The City Field Engineer.
In No Case Can The Channel Construc-
tion Exceed The Limits Of The Construc-
tion Easement.
3. Culvert Lengths, Slopes And Invert El-
evations Shown May Vary Slightly In The
Field And May Be Adjusted By The
City Field Engineer.
4. Contour Ditch Turnouts, When Needed
Should Occur At Intervals Of Not Greater
Than 200'.
5. Bar Ditch is to End At Drop Inlet And
Will Resume Downstream Of Inlet Ap-
proximately 15'. Top Width Of Berm Be-
tween Drop Inlet And Downstream Bar
Ditch is to be 10' min. All Graded Slopes
to be 3:1 or Flatter.
6. See Sheet 2 (Access Road Easement) For
Limits Of Special Use Permit Which Provides
For Additional Width Thru Forest Service
Property To Support Road Construction.

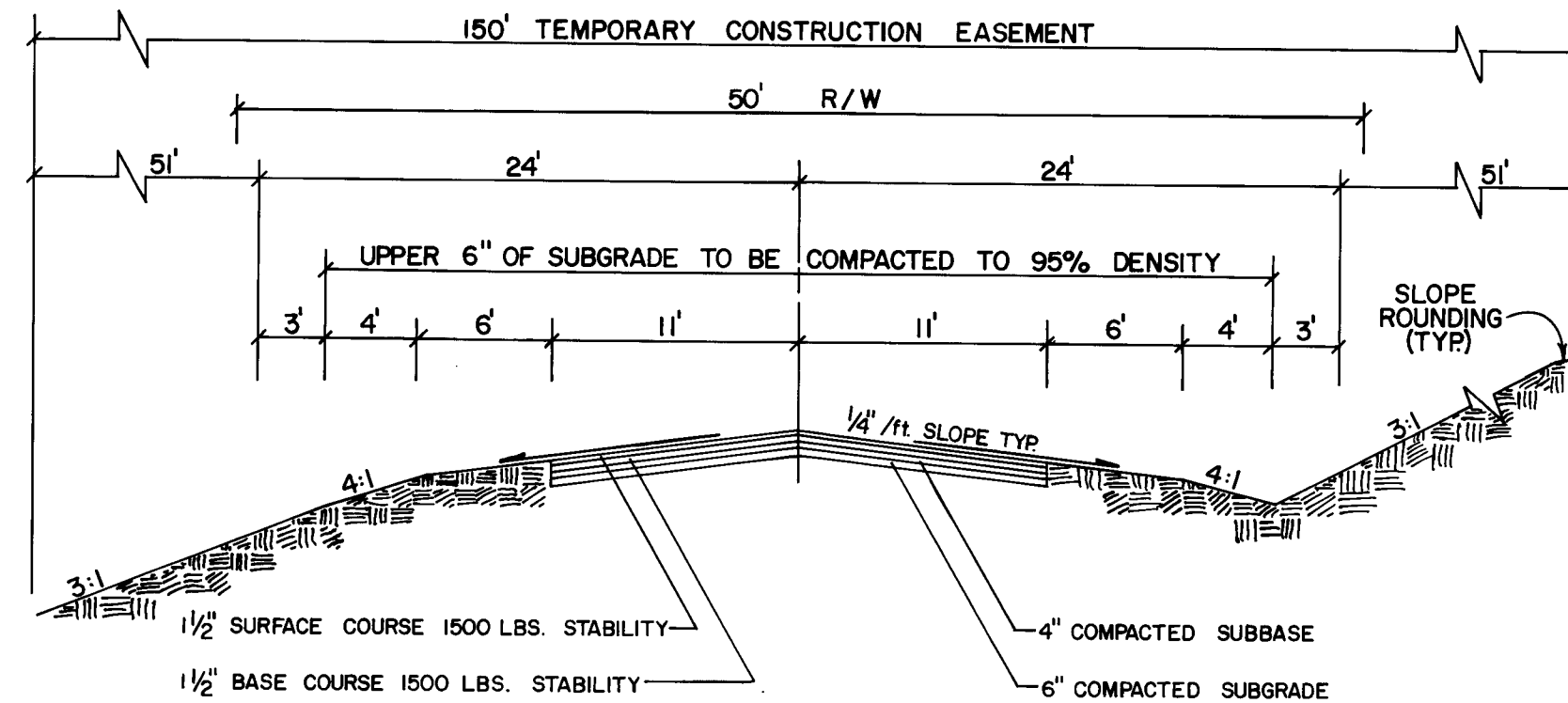
26 15960786

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION				
TITLE ACCESS ROAD, TRAMWAY BLVD. EAST TO ALBERT G. SIMMS PARK. STA. 71+18.60 TO 84+52.42				
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER
City Engineer	<i>[Signature]</i>	6/26/85	Liquid Waste	NA
A.C.E. Design	<i>[Signature]</i>	6/26/85	Traffic	<i>[Signature]</i>
A.C.E. Hydrology	<i>[Signature]</i>	7/2/85	Water	NA
U.S. Forest Service	<i>[Signature]</i>	7/2/85	Parks & Rec.	<i>[Signature]</i>
DRAWING NO.	1596	MAP NO.	D-24, E-23 & 24	SHEET 7 OF 11

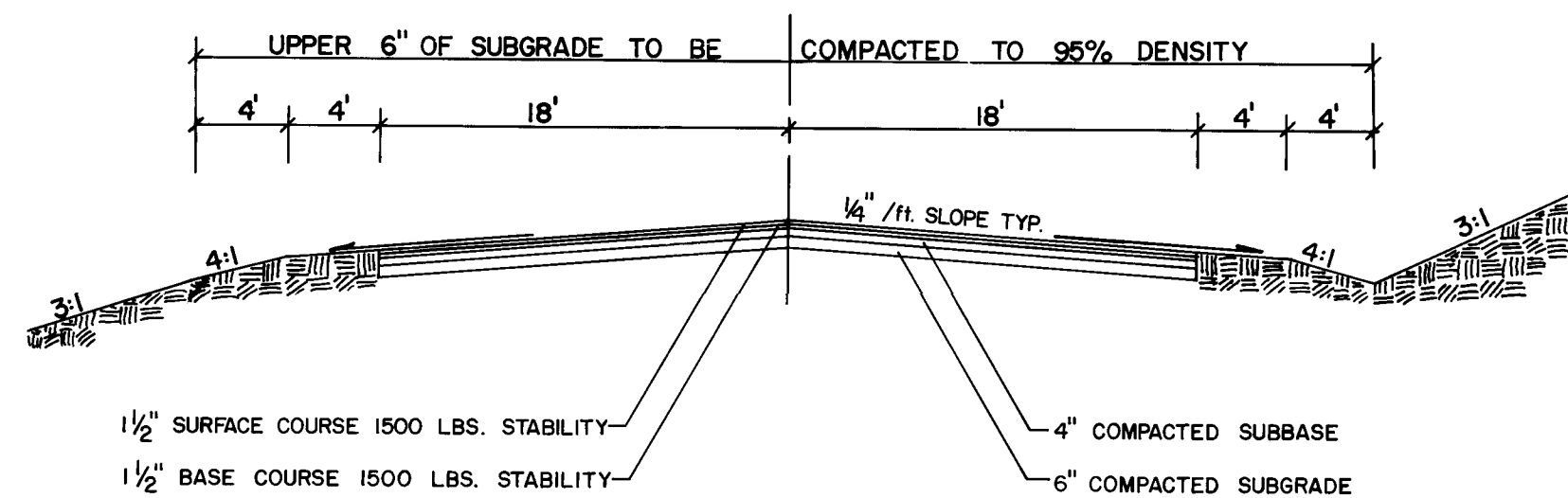
SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	DS-40	ACS TUMBLE	ELEV. 6009.16	DATE	1/20/85
BY	H. MERCER	STATION MARK	IS A STANDARD USC&GS BRASS	BY	<i>[Signature]</i>
DATE	MAY 24, 1983	TABLET	STAMPED "TUMBLE 1969" SET IN TOP OF	DATE	1/20/85
	JUNE 13, 1983	A CONCRETE POST	PROJECTING ABOUT 0.2 ft.		
		IT IS LOCATED APPROX. 950' WEST OF TRAMWAY			
		ON SAN ANTONIO AND APPROX. 50' NORTH OF			
		SAN ANTONIO.			



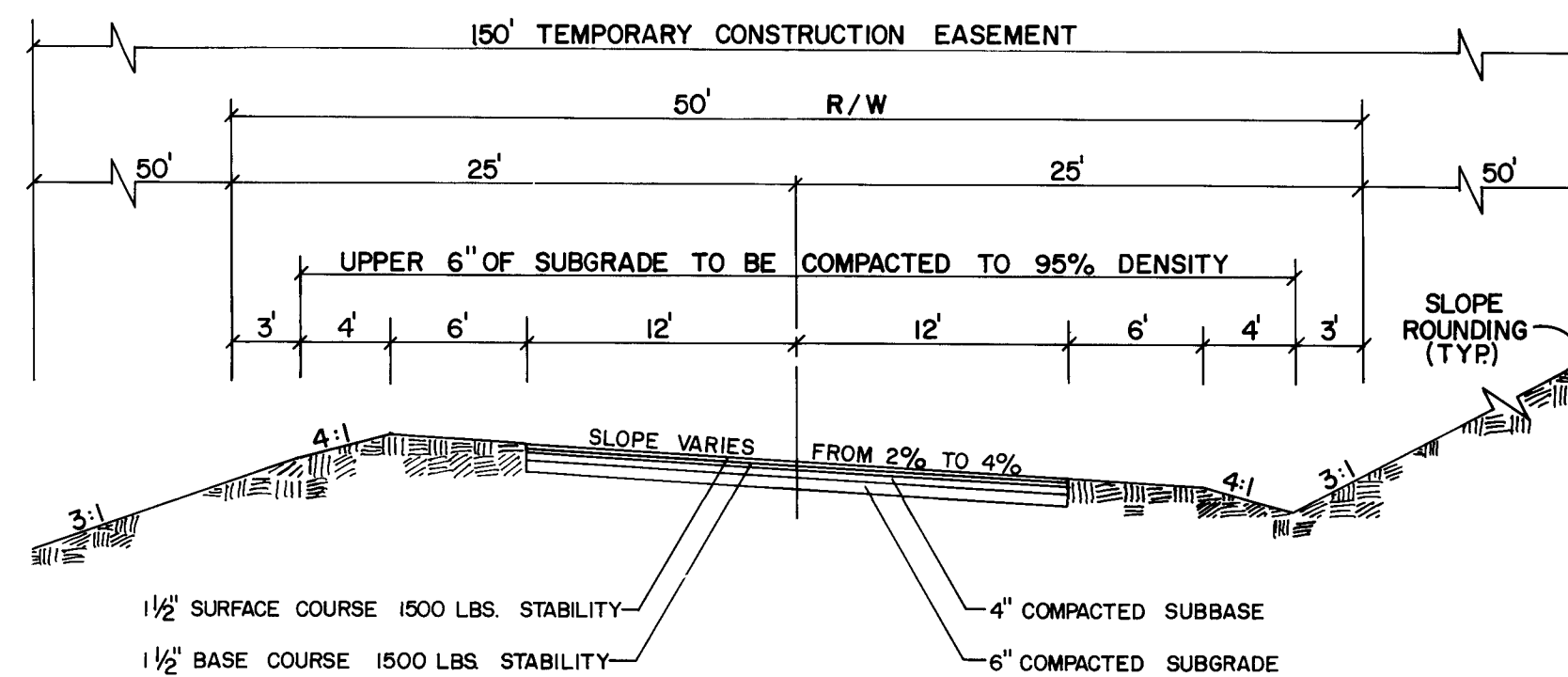
CROWNED STREET SECTION 24' PAVING
SCALE: 1/8"=1'-0"



CROWNED STREET SECTION 22' PAVING
SCALE: 1/8"=1'-0"



CROWNED STREET SECTION 36' PAVING
SCALE: 1/8"=1'-0"



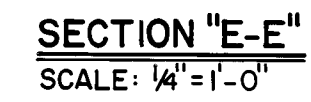
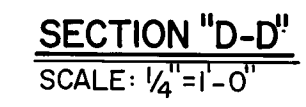
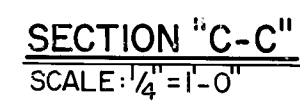
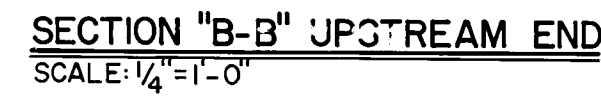
SUPERELEVATED STREET SECTION
SCALE: 1/8"=1'-0"

- NOTE**
- (1) ROAD SHOULD BE POSTED TO EXCLUDE VEHICLES OVER 5000# G.V.W. NOT DESIGNED FOR HEAVY TRUCKING. ROADWAY SIGNING NOT PART OF THIS CONTRACT. ALL ROADWAY SIGNING AND STRIPING TO BE PERFORMED BY TRAFFIC ENGINEERING.
 - (2) THE ROADWAY IS TO BE FENCED ON BOTH SIDES AT THE RIGHT OF WAY LINE. THIS FENCING IS NOT PART OF THIS CONTRACT. ALL RIGHT OF WAY FENCING WILL BE CONSTRUCTED BY THE CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT.
 - (3) ALL CUT AND FILL SLOPES AS WELL AS ANY GROUND THAT HAS BEEN DISTURBED BY THIS CONSTRUCTION WILL BE REVEGETATED BY THE CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT.

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	DATE	ACS TUMBLE	ELEV. 6009.16	CONTRACTOR	DATE
DS-40	MAY 24, 1983	STATION MARK IS A STANDARD USC & GS BRASS		WORK DONE BY	DATE
	JUNE 13, 1983	TABLET STAMPED "TUMBLE 1983" SET IN TOP OF A CONCRETE POST PROJECTING ABOUT 0.2 ft.		INSPECTED BY	DATE
		IT IS LOCATED APPROX. 930' WEST OF TRAMWAY CORNER ON SAN ANTONIO AND APPROX. 50' NORTH OF SAN ANTONIO.		ACCEPTANCE BY	DATE
				REVISIONS	DATE
				DESIGNED BY STEVE BOBERG	DATE OCT, 1983
				DRAWN BY RICK DURAN	DATE OCT, 1983
				CHECKED BY STEVE BOBERG	DATE OCT, 1983

26 15960886

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: ACCESS ROAD, TRAMWAY BLVD. EAST TO ALBERT G. SIMMS PARK STREET SECTIONS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	1/30/85	Liquid Waste	<i>[Signature]</i>	1/30/85
A.C.E. - Design	<i>[Signature]</i>	2/20/85	Traffic	<i>[Signature]</i>	1/30/85
A.C.E. - Hydrology	<i>[Signature]</i>	1/30/85	Water	<i>[Signature]</i>	1/30/85
U.S. Forest Service	<i>[Signature]</i>	2/20/85	Parks & Rec.	<i>[Signature]</i>	2/4/85
DRAWING NO.	1596	MAP NO.	0-24, E-23 & 24	SHEET OF	11



NOTE

FOR 30" CMP USE $2\frac{2}{3}$ " x $\frac{1}{2}$ " CORRUGATIONS
WITH A SPECIFIED WALL THICKNESS OF 0.064".

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: ACCESS ROAD, TRAMWAY BLVD. EAST TO
ALBERT G. SIMMS PARK
DETAILS

APPROVAL'S	ENGINEER	DATE	APPROVAL'S	ENGINEER	DATE
City Engineer	<i>A. H. Hagen</i>	<i>1/10/85</i>	Liquid Waste	<i>NA</i>	<i>2/20/85</i>
A.C.E. - Design	<i>K. O. O'Neil</i>	<i>2/26/85</i>	Traffic	<i>NA</i>	<i>DWH</i>
A.C.E. - Hydrology	<i>John F. ...</i>	<i>1/10/85</i>	Water	<i>NA</i>	<i>2/20/85</i>
U.S. Forest Service	<i>Rich ...</i>	<i>2/1/85</i>	Parks & Rec.	<i>Rich ...</i>	<i>2/4/85</i>
DRAWING NO	1596	MAP NO	D-24,E-23&24	SHEET	OF
				10	11

PLAN VIEW OF END SECTIONS
SCALE: $\frac{3}{4}" = 1' - 0"$

PLAN VIEW OF MIDDLE SECTIONS
SCALE: $\frac{3}{4}" = 1'-0"$

PICTORIAL VIEW OF END UNIT
SCALE: $\frac{3}{8}'' = 1'-0''$

SECTION "A - A"
SCALE: $\frac{3}{4}" = 1' - 0"$

SECTION "B - B"
SCALE: $\frac{3}{4}" = 1'-0"$

SECTION "C-C"
SCALE: 3/4" = 1'-0"

SECTION "D-D"
SCALE: $\frac{3}{4}'' = 1'-0''$

TIE BOLT DETAIL
NO SCALE

DETAIL "F-F"
SCALE: 3"=1'-0"

TRAFFIC GRILL UNIT
SCALE: $\frac{3}{4}" = 1'-0"$

DETAIL "E-E"
SCALE: 3/4" = 1'-0"

NOTE

ALL CATTLE GUARD INFORMATION CONFORMS
TO STATE HIGHWAY DEPT. STANDARD DETAILS
BCG-005 & BCG-006.

ENGINEER'S SEAL						SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
						FIELD NOTES					
						NO.	BY	DATE	ACS TUMBLE	ELEV. 6009.16	
						DS-40	H. MERCER	MAY 24-	TABLET STAMPED "TUMBLE 1968"	SET IN TOP OF	DATE
								JUNE 13,	A CONCRETE POST PROJECTING ABOUT 0.2 ft.		DATE
								1983	IT IS LOCATED APPROX. 930' WEST OF TRAMWAY CORNER		DATE
									ON SAN ANTONIO AND APPROX. 50' NORTH OF		DATE
									SAN ANTONIO.		DATE
											NO

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: ACCESS ROAD, TRAMWAY BLVD. EAST TO
ALBERT G. SIMMS PARK.
CATTLE GUARD DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>C. J. [Signature]</i>	4/6/85	Liquid Waste	NA	2/2/85
A C E - Design	<i>J. M. [Signature]</i>	2/2/85	Traffic	NA	2/2/85
A C E - Hydrology	<i>J. M. [Signature]</i>	1/17/85	Water	NA	2/2/85
U.S. Forest Service	<i>[Signature]</i>	7/4/85	Parks & Rec.	<i>[Signature]</i>	2/4/85

DRAWING NO. **1596**

MAP NO. D-24, E-23 & 24

SHEET **11** OF **11**