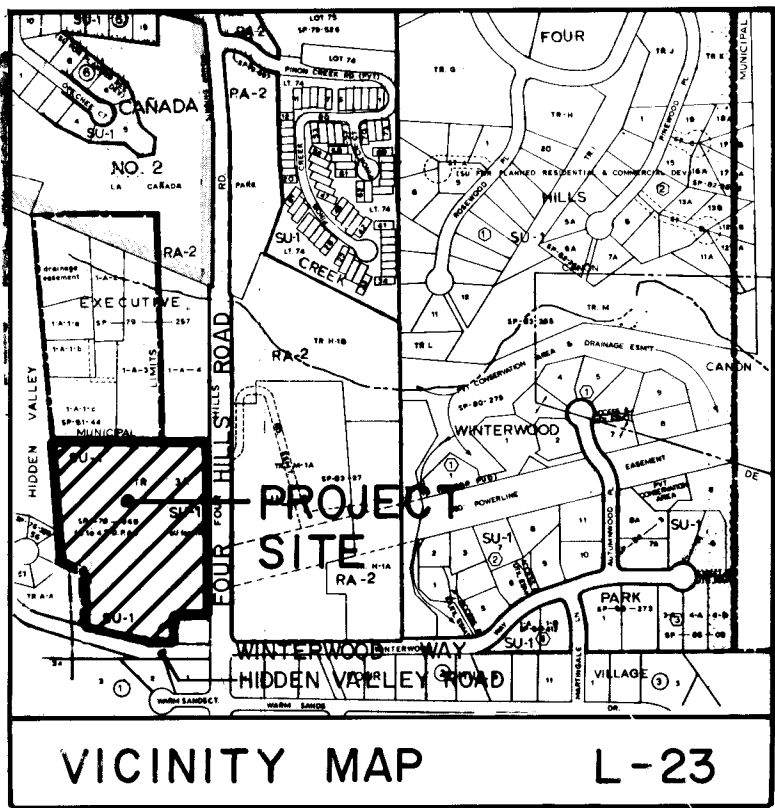


CONSTRUCTION PLANS
FOR
EXECUTIVE HILLS



INDEX OF DRAWINGS	
COVER SHEET	1
PLAT	2
GRADING & DRAINAGE PLAN	3
RETAINING WALL DETAILS	4
RETAINING WALL P & P	5 & 6
PAVING LAYOUT	7
PAVING P & P	8 & 9
UTILITY LAYOUT	10
UTILITY P & P	11 - 13
STORM DRAIN P & P	14

GENERAL NOTES

- All work detailed on these plans to be performed under this contract shall, except as otherwise stated or provided for herein, be constructed in accordance with "City of Albuquerque Standard Specifications Public Works Construction, 1986."
- Two (2) working days prior to any excavation, Contractor shall contact Line Locating Service, 765-1234, for location of existing lines.
- References made to Standard Drawings refer to City of Albuquerque Standard Detail Drawings.
- Stations shown are centerline stations.
- 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 a minimum amount of delay.
- All utilities and utility service lines shall be installed prior to paving.
- Tack coat requirements shall be determined by the City Engineer.
- Backfill compaction shall be according to specified street use.
- Sidewalks and wheel chair ramps within the curb returns shall be constructed at the entrance to subdivision on Four Hills Road.
- Measurement for payment of subgrade preparation for roadway pavement will be made along the plane of the work and from lip of gutter or edge of pavement as applicable.
- Subgrade preparation under curb and gutter including one (1) foot behind back of curb, under valley gutters, under median pavement and sidewalks shall be considered incidental to the construction of such and shall be included in the bid price for such items.
- Two (2) working days in advance of any work on existing public water utilities the Contractor shall contact the Water Systems Division for the execution of the Valve Shut-off Plan.
- Three (3) working days prior to beginning construction the Contractor shall submit to Traffic Engineering Division a detailed construction schedule. Two (2) working days prior to construction the Contractor shall obtain a barricading permit from the Traffic Engineering Division.
- Contractor will not be allowed to use Class IV or V soils for embedment of flexible pipe. Contractor will not be allowed to deflect joints in flexible pipe. Any deflections required to meet vertical alignment will be achieved between joints.

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
[Signature]
12-2-88 26 34630188

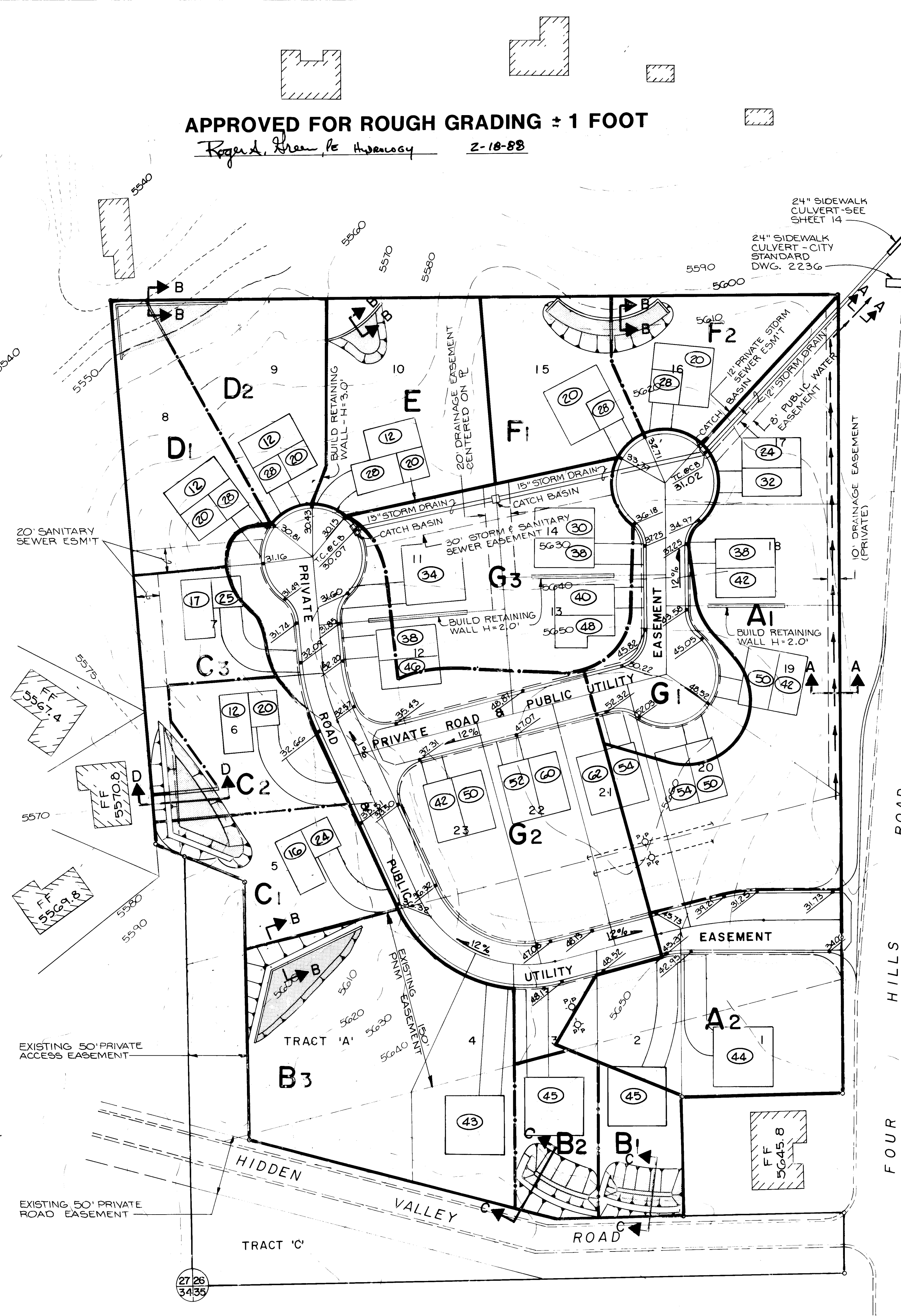
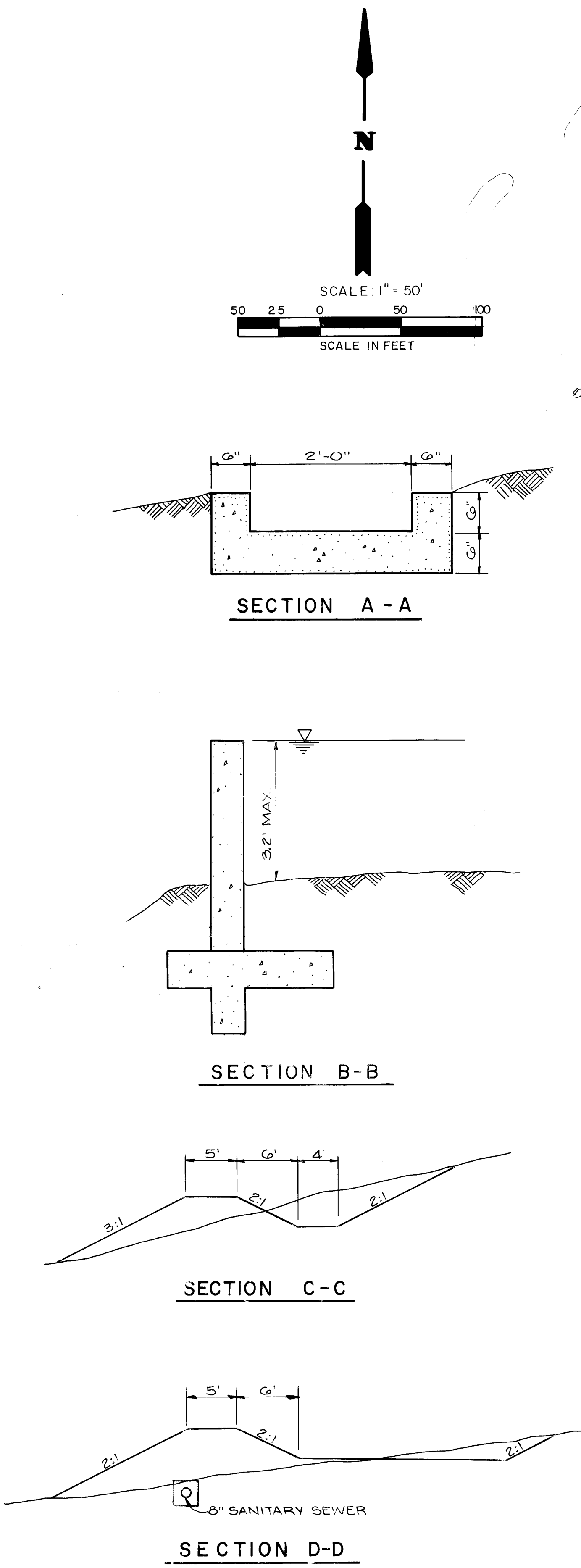
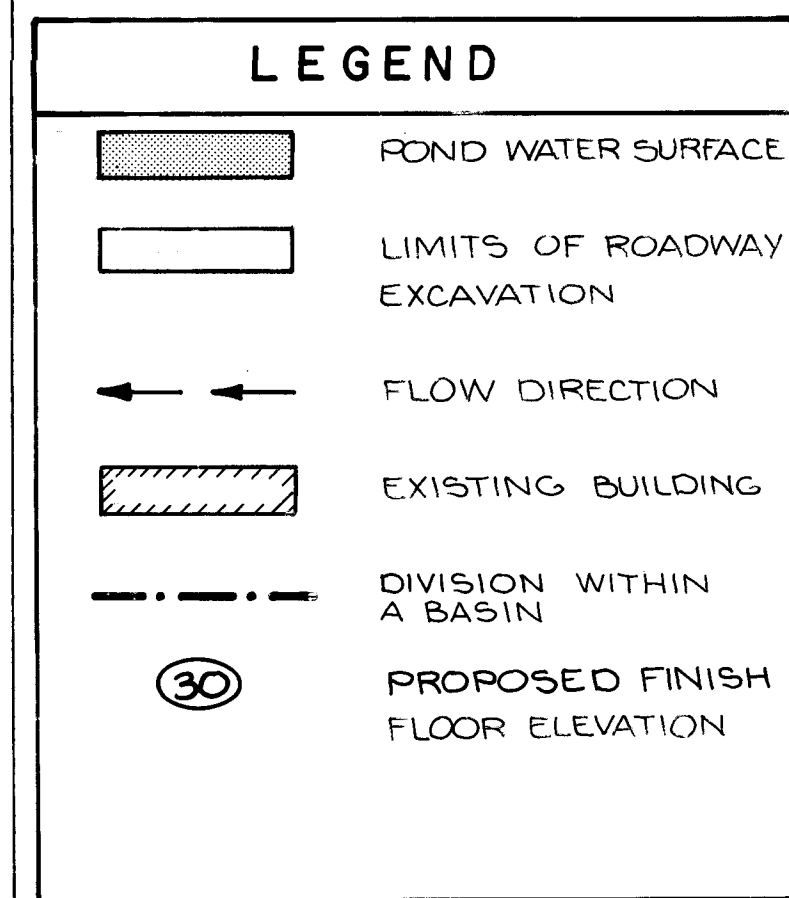
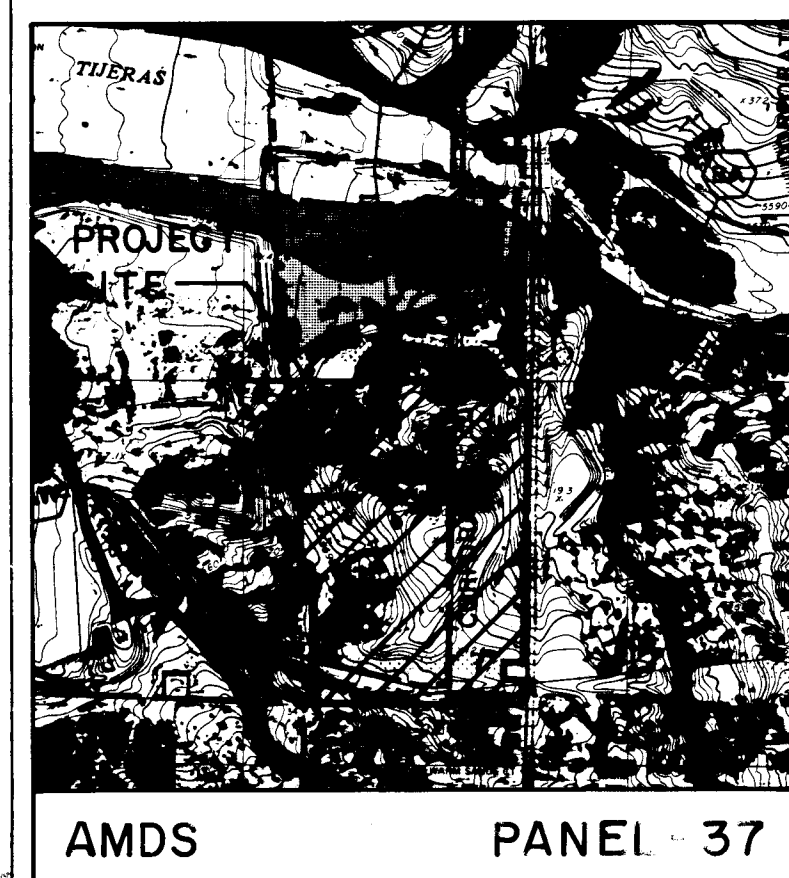
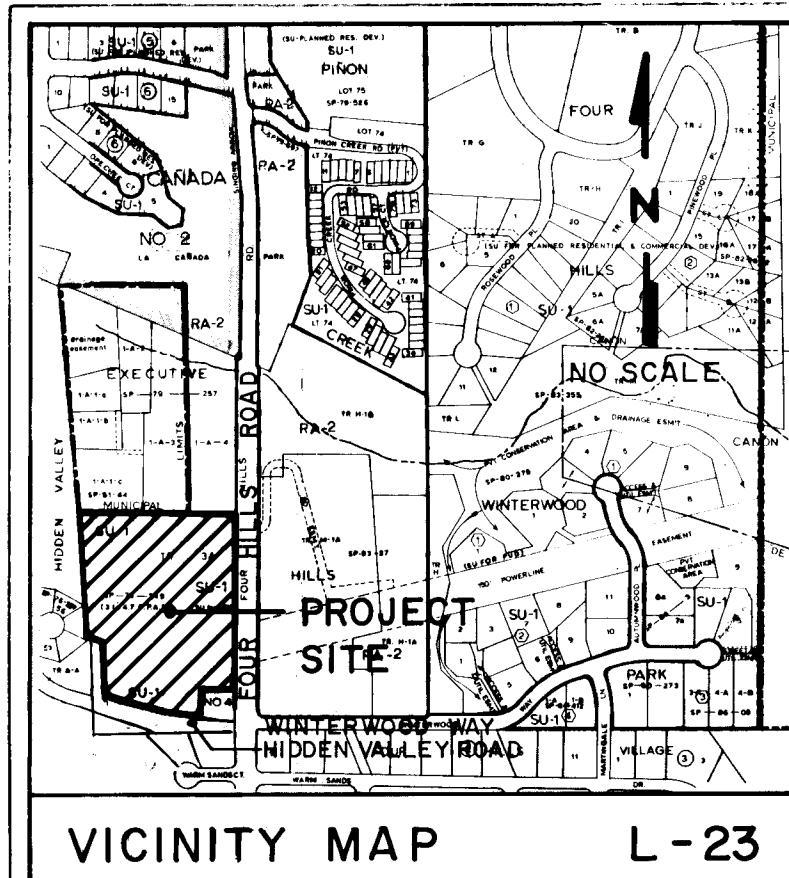
REV.	SHEETS	CITY ENGINEER	DATE	USER	DEPT.	DATE	USER	DEPT.	DATE
APPROVAL OF REVISIONS									



DMJM
Daniel, Mann, Johnson & Mendenhall
6501 Americas Parkway NE, Suite 690
Albuquerque New Mexico 87110
(505) 884-4031

APPROVED FOR
CONSTRUCTION
[Signature]
4/23/88
SHEET 1 OF 14

3463



REVISED 2-1-88
REVISED 1-26-88
REVISED 12-16-87
REVISED 12-3-87
26 34630388

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

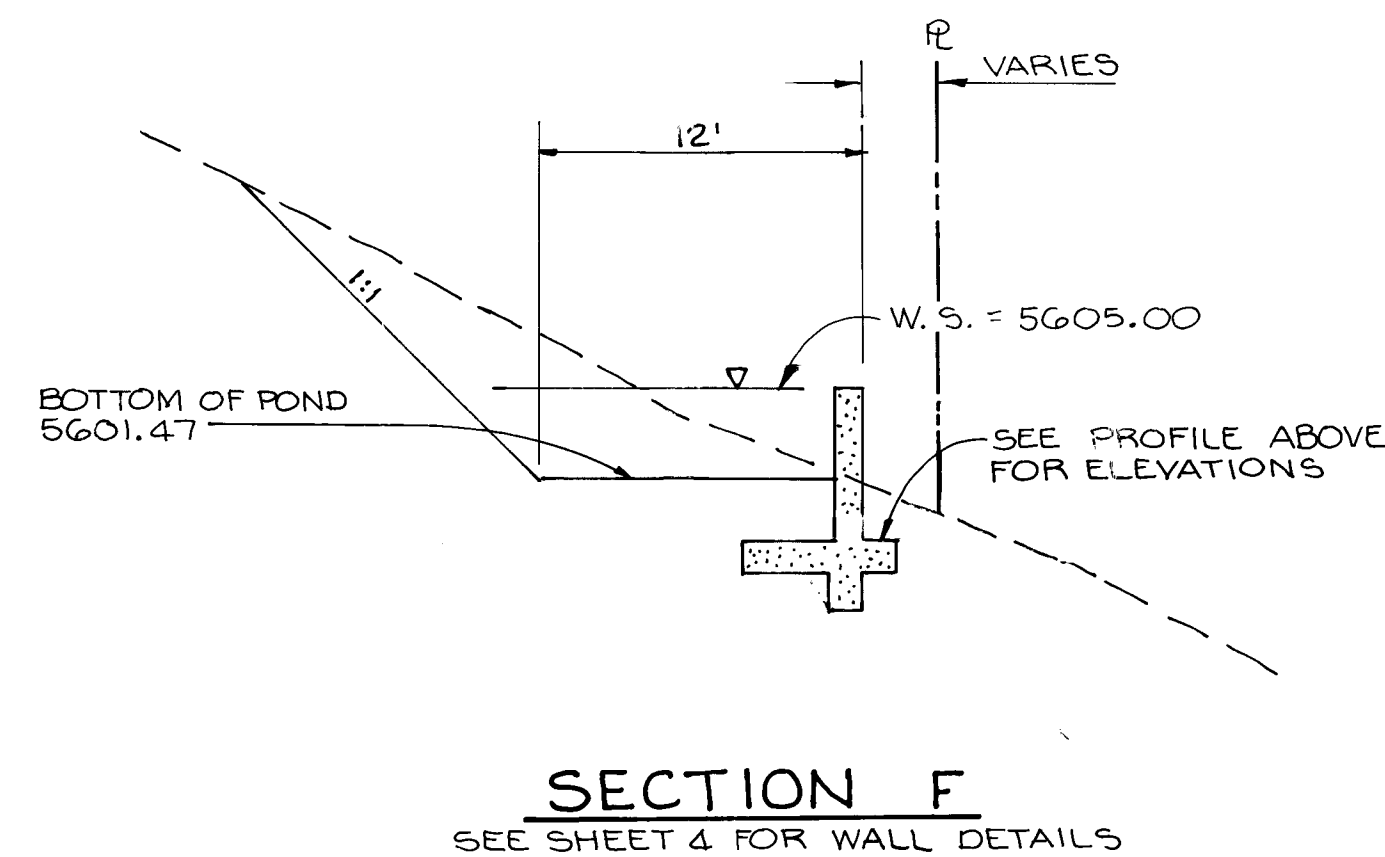
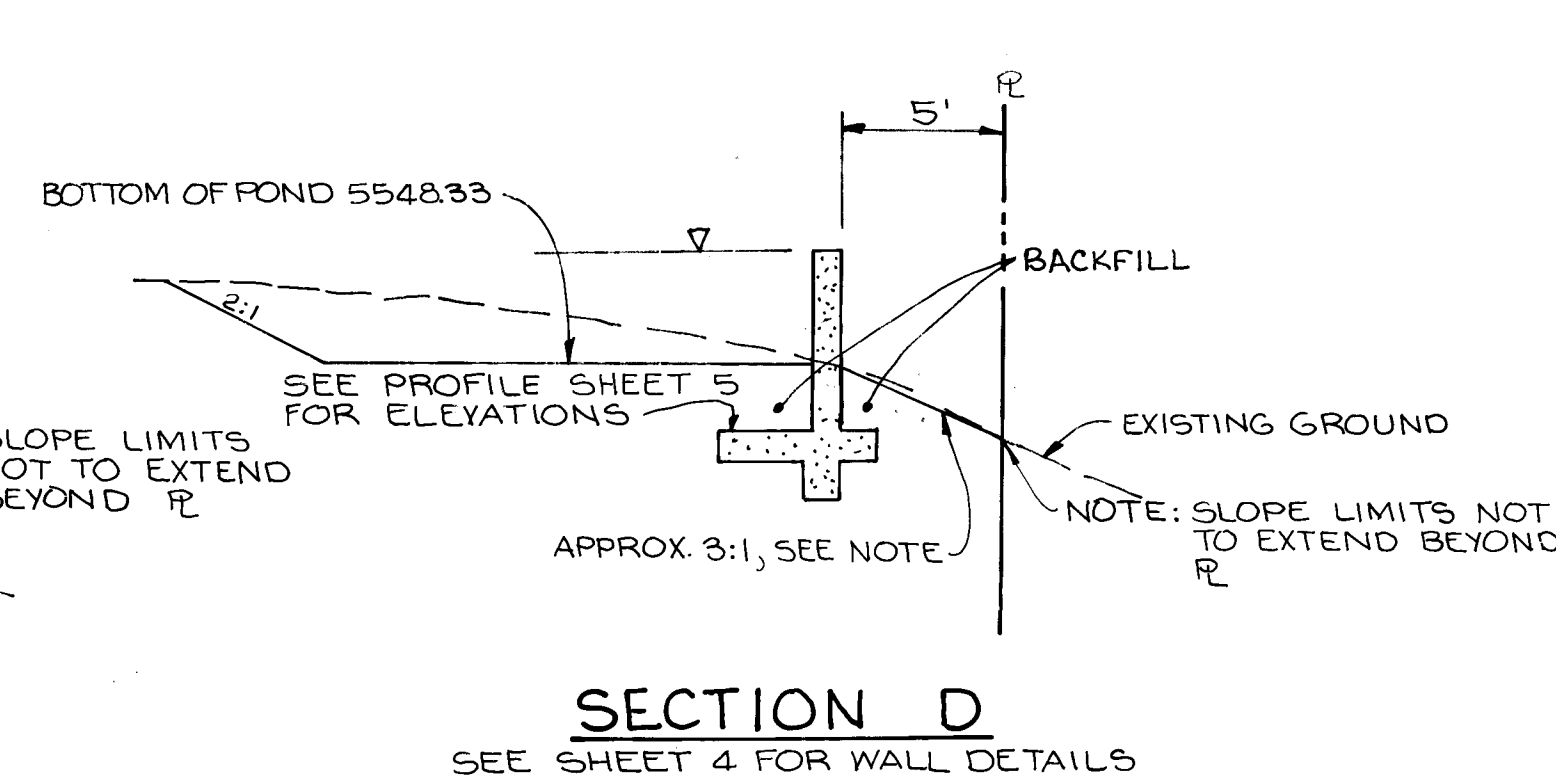
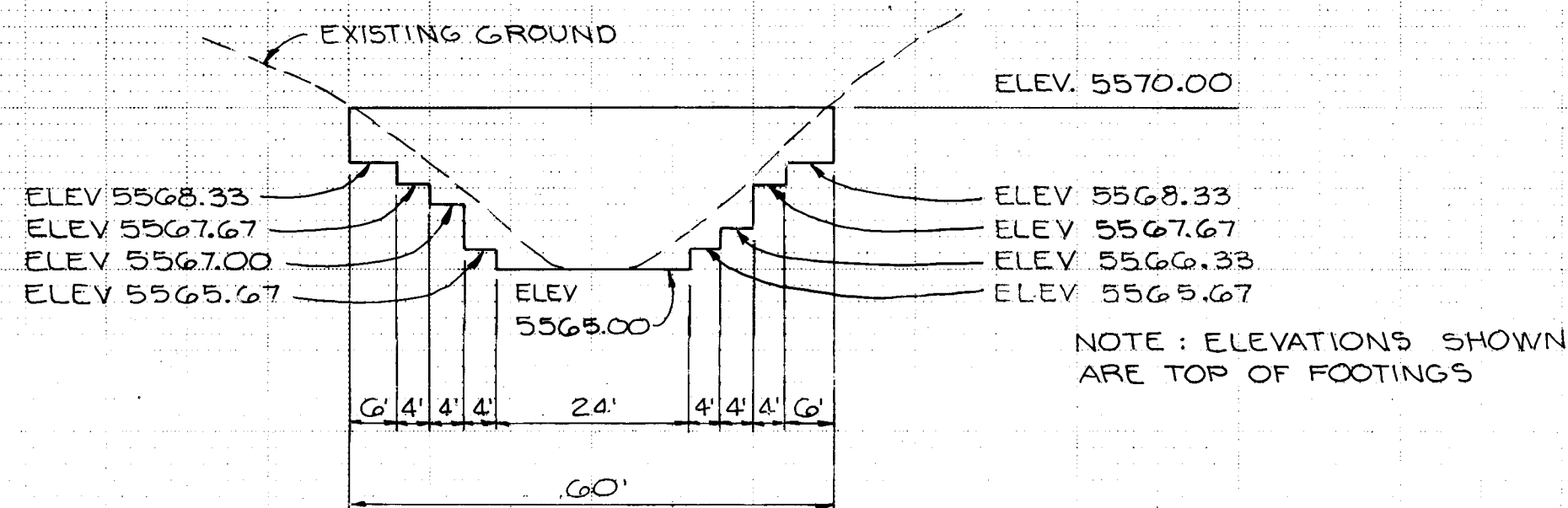
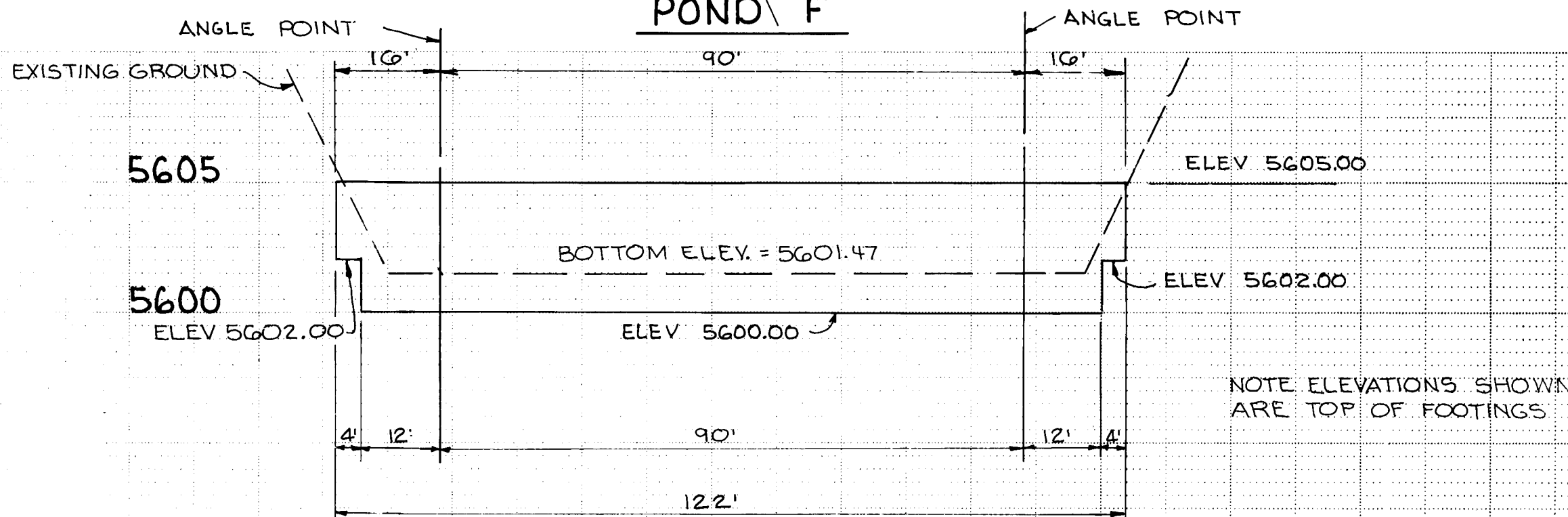
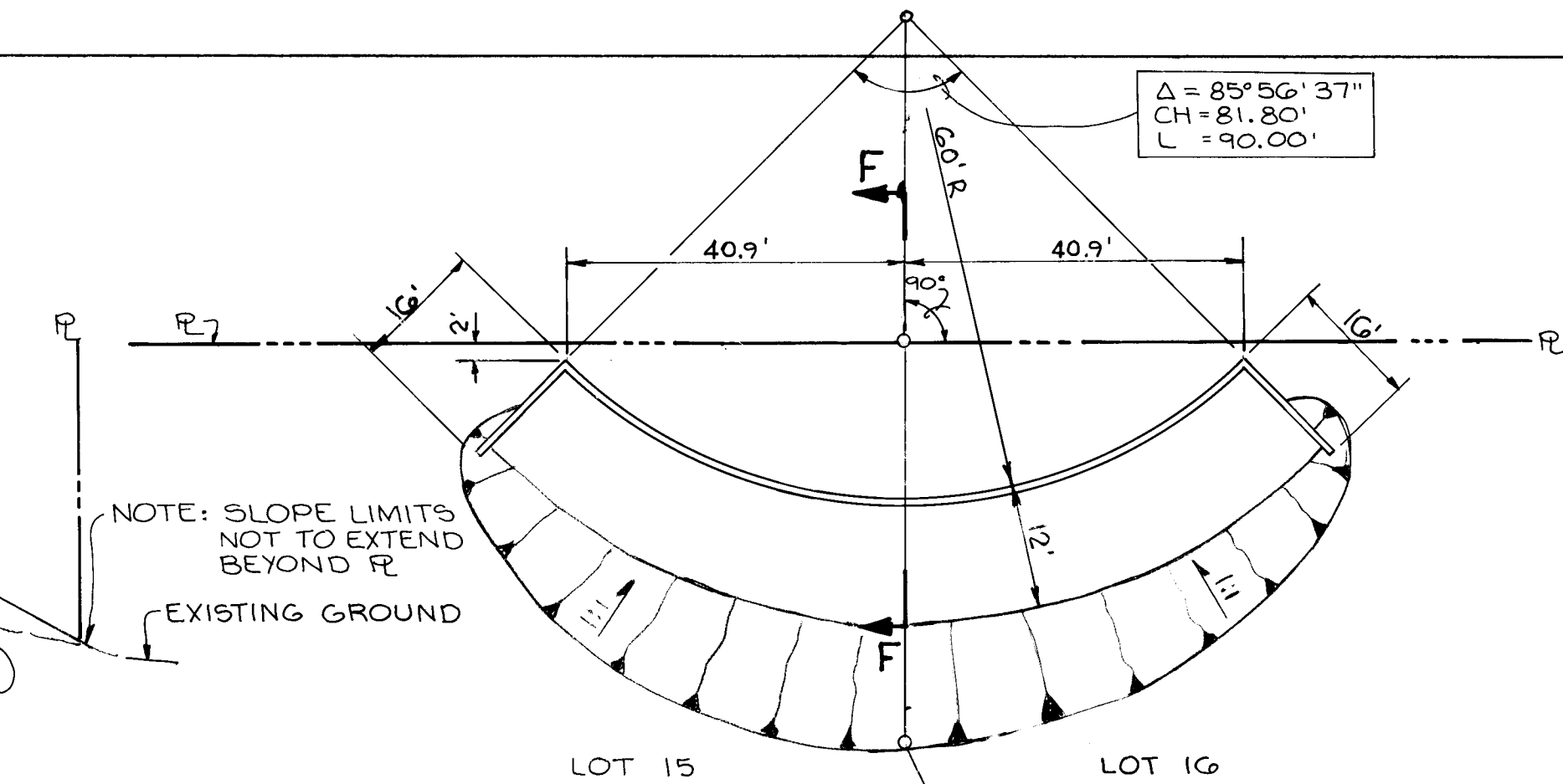
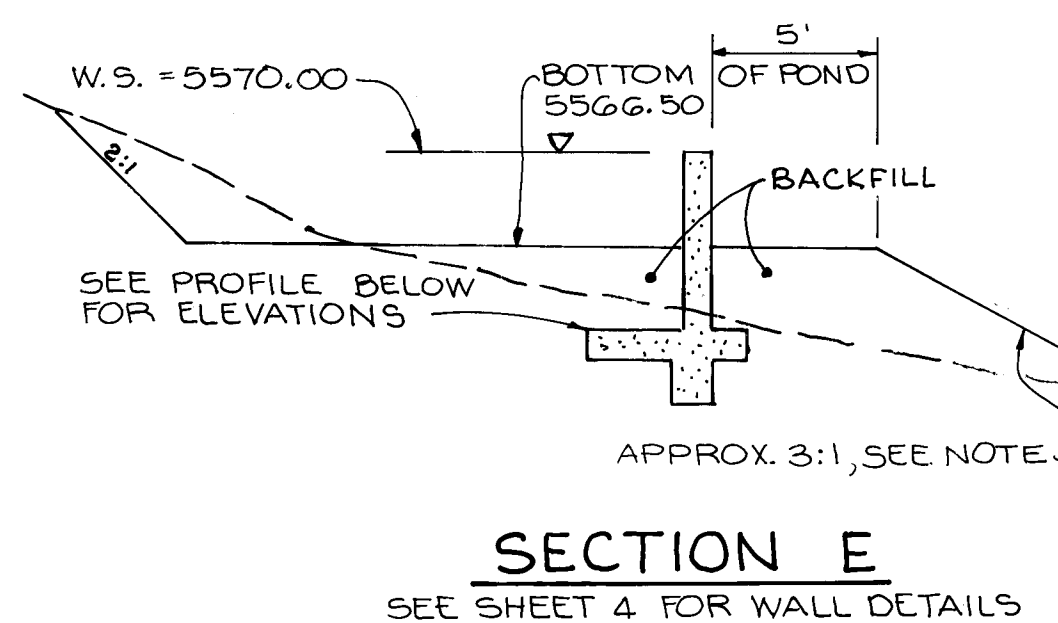
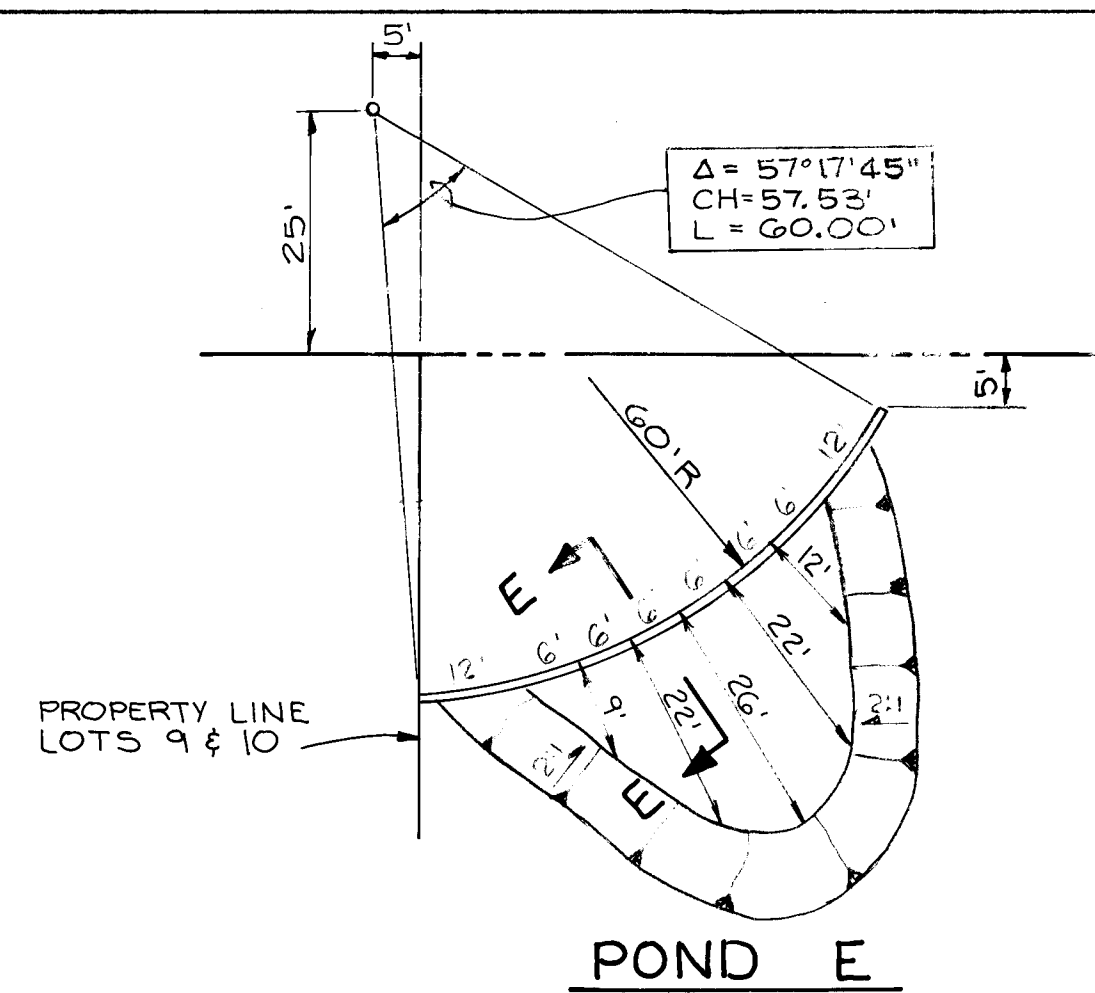
TITLE EXECUTIVE HILLS
GRADING AND DRAINAGE PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	L.H.R.	1/10/88			
Trans. Dev.					
A.C.E. - Hydrology	Roger A. Green	3/18/88			
Utility Dev.	Robo	4/15/88			

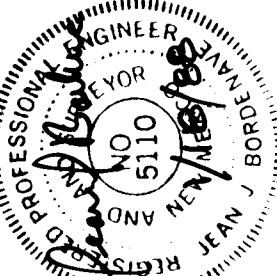
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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION					
TITLE: EXECUTIVE HILLS PRIVATE RETAINING WALL P & P					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>[Signature]</i>	4/12/88			
Trans. Dev.					
A C E - Hydrology	<i>[Signature]</i>	3/18/88			
Utility Dev.	PEBO	4/15/88			
DRAWING NO.	3463		MAP NO.	SHEET 5 OF 14	
			L-23		

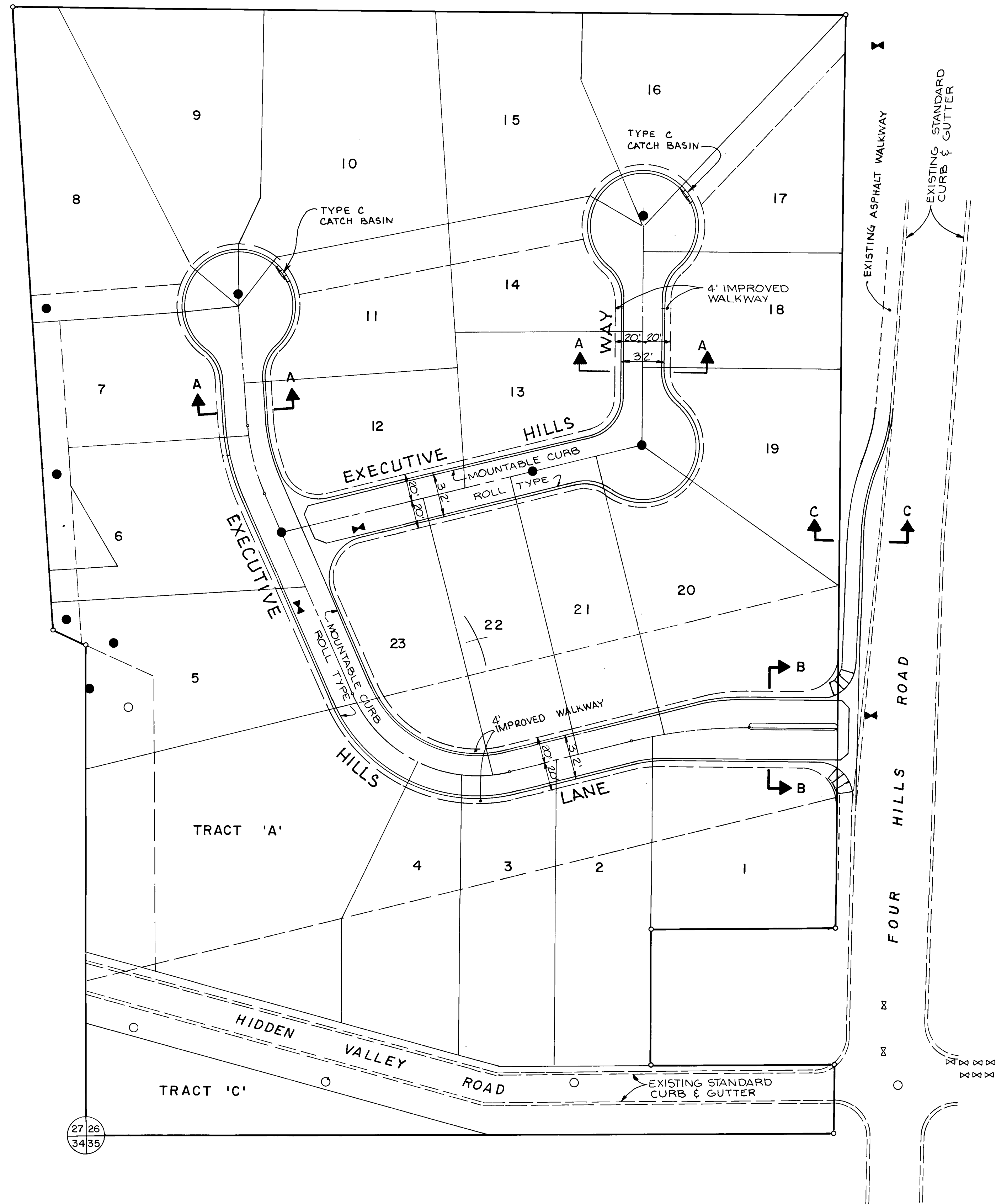


AS BUILT INFORMATION			BENCH MARKS			SURVEY INFORMATION			ENGINEER'S SEAL			REVISIONS			DESIGN		
CONTRACT NO.	DATE	DATE	CONTRACT NO.	DATE	DATE	NO.	BY	DATE	NO.	BY	DATE	NO.	BY	DATE	NO.	BY	DATE
ACS "TOM" ELEVATION 5711.67			ACS "TOM" ELEVATION 5711.67														
A STANDARD ACS BRASS TABLET STAMPED			A STANDARD ACS BRASS TABLET STAMPED														
"TOM-1978" - BENCHMARK BEARS N 31° 47' 11" E,			"TOM-1978" - BENCHMARK BEARS N 31° 47' 11" E,														
2,303.27 FEET FROM THE NORTHEAST			2,303.27 FEET FROM THE NORTHEAST														
CORNER OF SUBDIVISION.			CORNER OF SUBDIVISION.														
RECORDED BY	DATE	NO.	RECORDED BY	DATE	NO.												

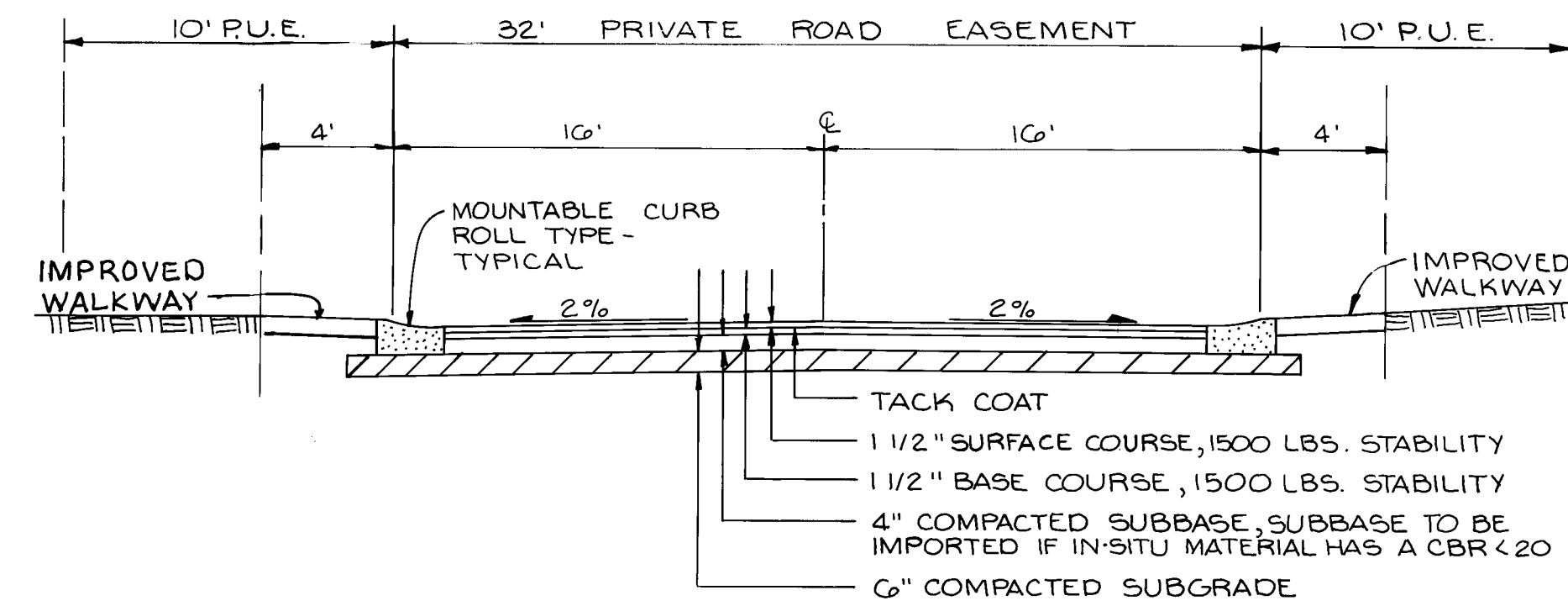
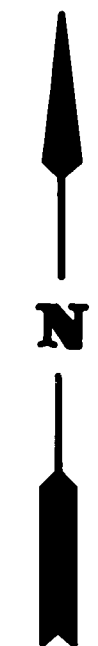


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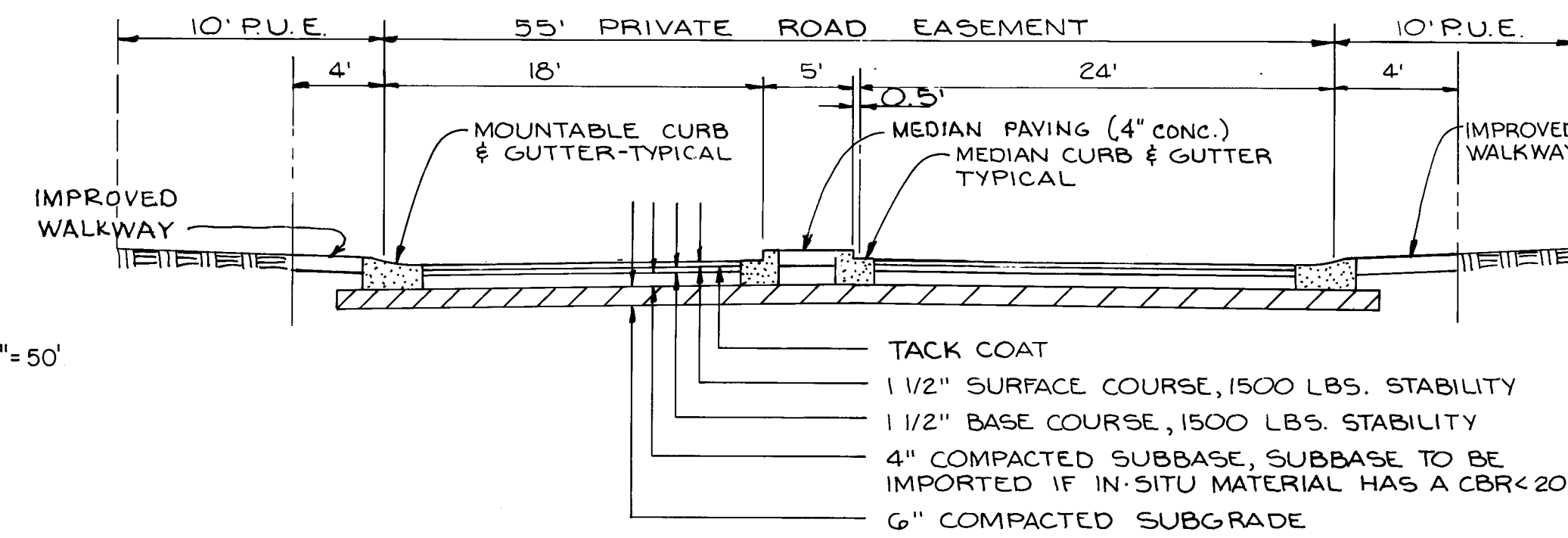
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION			EXECUTIVE HILLS PRIVATE RETAINING WALL P & P		
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	LEE	4/15/88			
Trans. Dev.					
A.C.E. - Hydrology	Roger A. Lee	3/18/88			
Utility Dev.	LEE	4/15/88			
DRAWING NO.	3463	MAP NO. L-23	SHEET 6	OF 14	



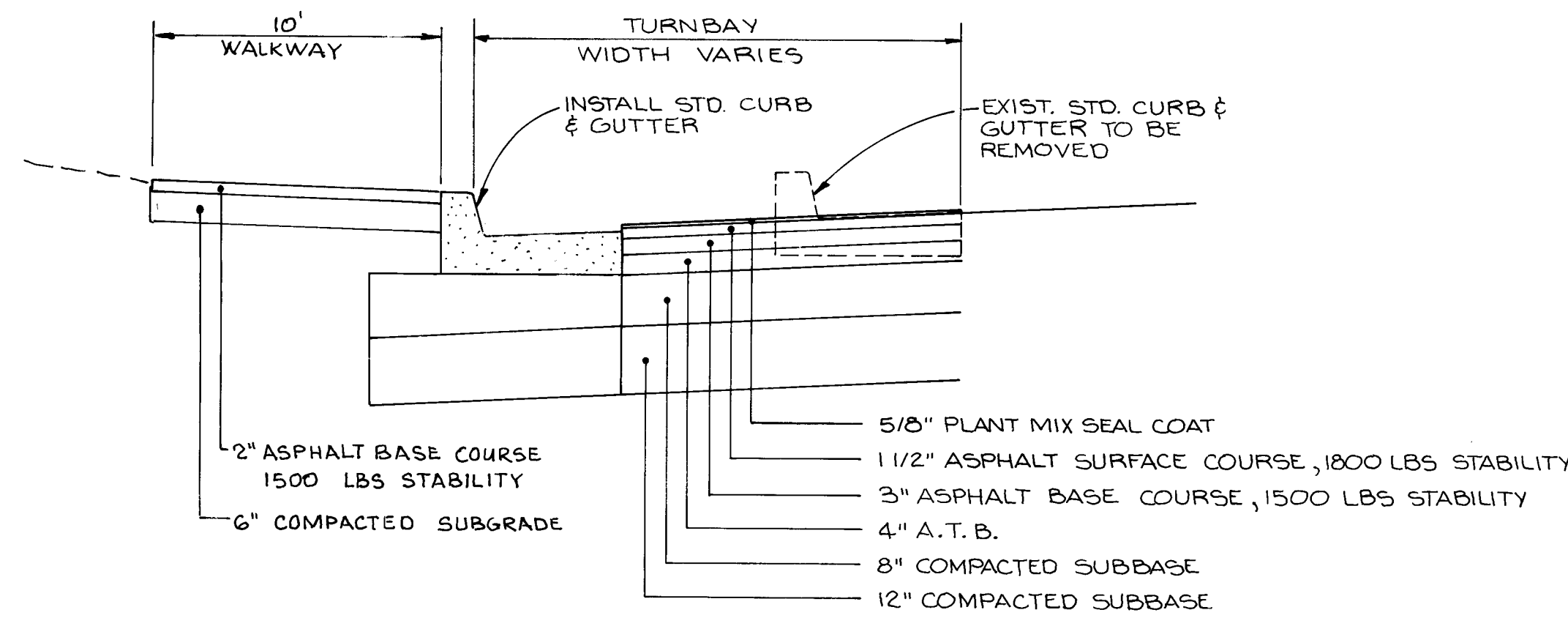
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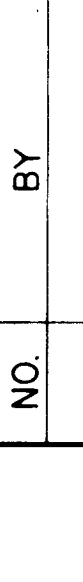
SECTION A-A



SECTION B-B



SECTION C-C

ENGINEER'S SEAL			SURVEY INFORMATION			BENCH MARKS			AS BUILT INFORMATION		
						FIELD NOTES			CONTRACTOR		
						NO.	BY	DATE	WORK ORDERED BY		
						A STANDARD ACS BRASS TABLET STAMPED			INSPECTION'S		
						"TOM-1978", BENCHMARK BEARS N 31°47'11" E,			ACCEPTANCE BY		
						2,303.27 FEET FROM THE NORTHEAST			FIELD LOCATION BY		
						CORNER OF SUBDIVISION.			DRAWINGS		
									DATE		
									CORRECTED BY		
									MICRO-FILM INFORMATION		
									RECORDED BY		
									DATE		
									NO		

26 34630788

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

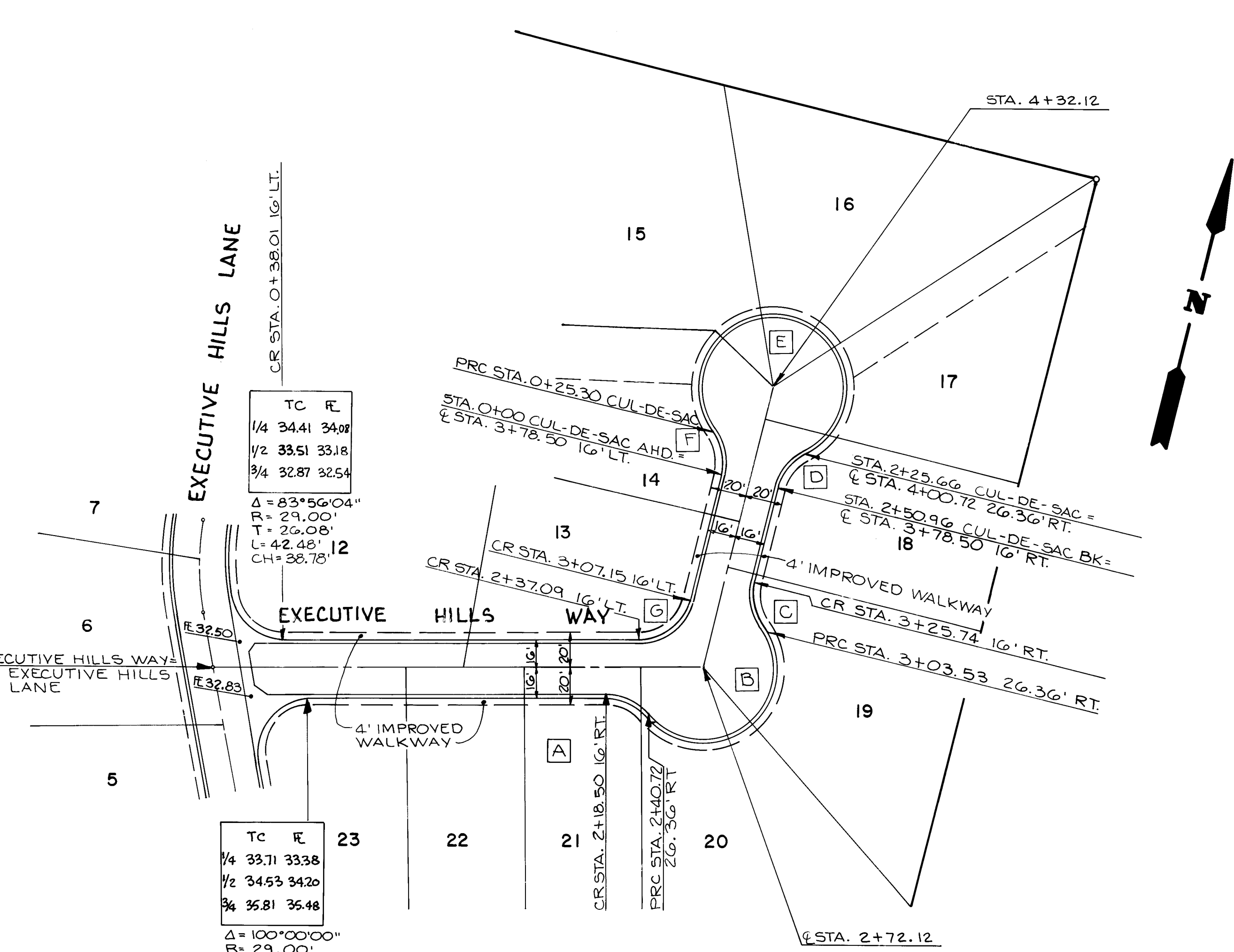
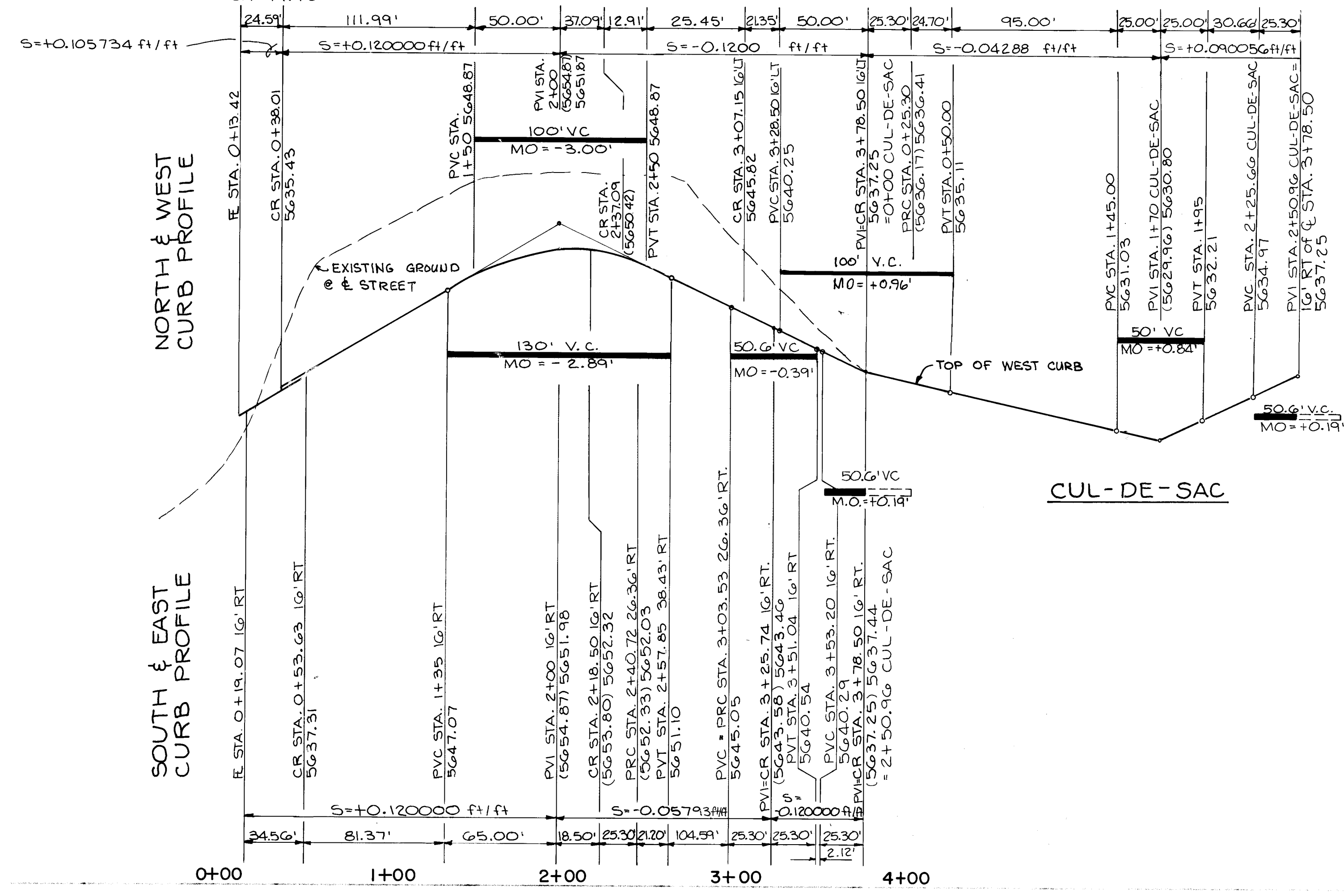
TITLE: EXECUTIVE HILLS
PAVING LAYOUT

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>[Signature]</i>	4/19/88			
Trans. Dev.					
A.C.E. Hydrology	<i>[Signature]</i>	3/10/88			
Utility Dev.	<i>[Signature]</i>	4/15/88			

DRAWING NO. 3463 MAP NO. L-23 SHEET 7 OF 14

6372.00

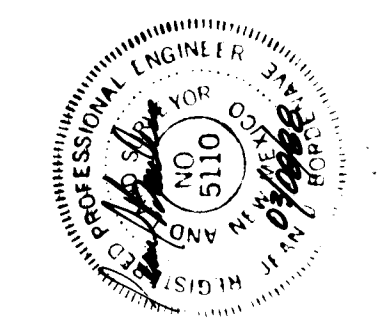
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5650
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5620



CURVE TABLE			
A	$\Delta = 49^\circ 59' 41''$ $T = 29.00'$ $L = 13.52'$ $CH = 25.30'$ $CH = 24.51'$	E	$\Delta = 279^\circ 59' 23''$ $T = 41.00'$ $L = 200.36'$ $CH = 52.71'$
B	$\Delta = 175^\circ 46' 53''$ $T = 41.00'$ $L = 125.79'$ $CH = 81.94'$	F	$\Delta = 49^\circ 59' 41''$ $T = 29.00'$ $L = 13.52'$ $CH = 25.30'$ $CH = 24.51'$
C	$\Delta = 49^\circ 59' 41''$ $T = 29.00'$ $L = 13.52'$ $CH = 25.30'$ $CH = 24.51'$	G	$\Delta = 75^\circ 47' 30''$ $T = 29.00'$ $L = 22.57'$ $CH = 38.36'$ $CH = 35.63'$
D	$\Delta = 49^\circ 59' 41''$ $T = 29.00'$ $L = 13.52'$ $CH = 25.30'$ $CH = 24.51'$		

SCALE: HORIZ. 1" = 50'
VERT. 1" = 10'

1. STATIONS SHOWN ARE CENTERLINE STREET STATIONS. PROFILE GRADES ARE TOP OF CURB. DISTANCES SHOWN IN PROFILES ARE APPLICABLE TO CURB, NOT CENTERLINE.
2. STATIONS AND OFFSETS ARE RADIAL TO CENTERLINE STREET.
3. CURB FLOWLINE AND TOP OF CURB ELEVATIONS SHOWN IN THE BOX FOR CURB RETURNS CORRESPOND TO QUARTERPOINTS INDICATED ON THE CURB RETURN IN THE CLOCKWISE DIRECTION.
4. USE CITY OF ALBUQUERQUE STANDARD DETAIL DRAWINGS 2401, 2405, 2407, 2415, 2418, 2420, 2440, 2441 TO CONSTRUCT THIS PROJECT.



ACS "TOM" ELEVATION 5711.67
A STANDARD ACS BRASS TABLET STAMPED
"TOM-1978". BENCHMARK BEARS N 31°47'11" E,
2,303.27 FEET FROM THE NORTHEAST
CORNER OF SUBDIVISION.

26 34630988

EXECUTIVE HILLS
PAVING P & P

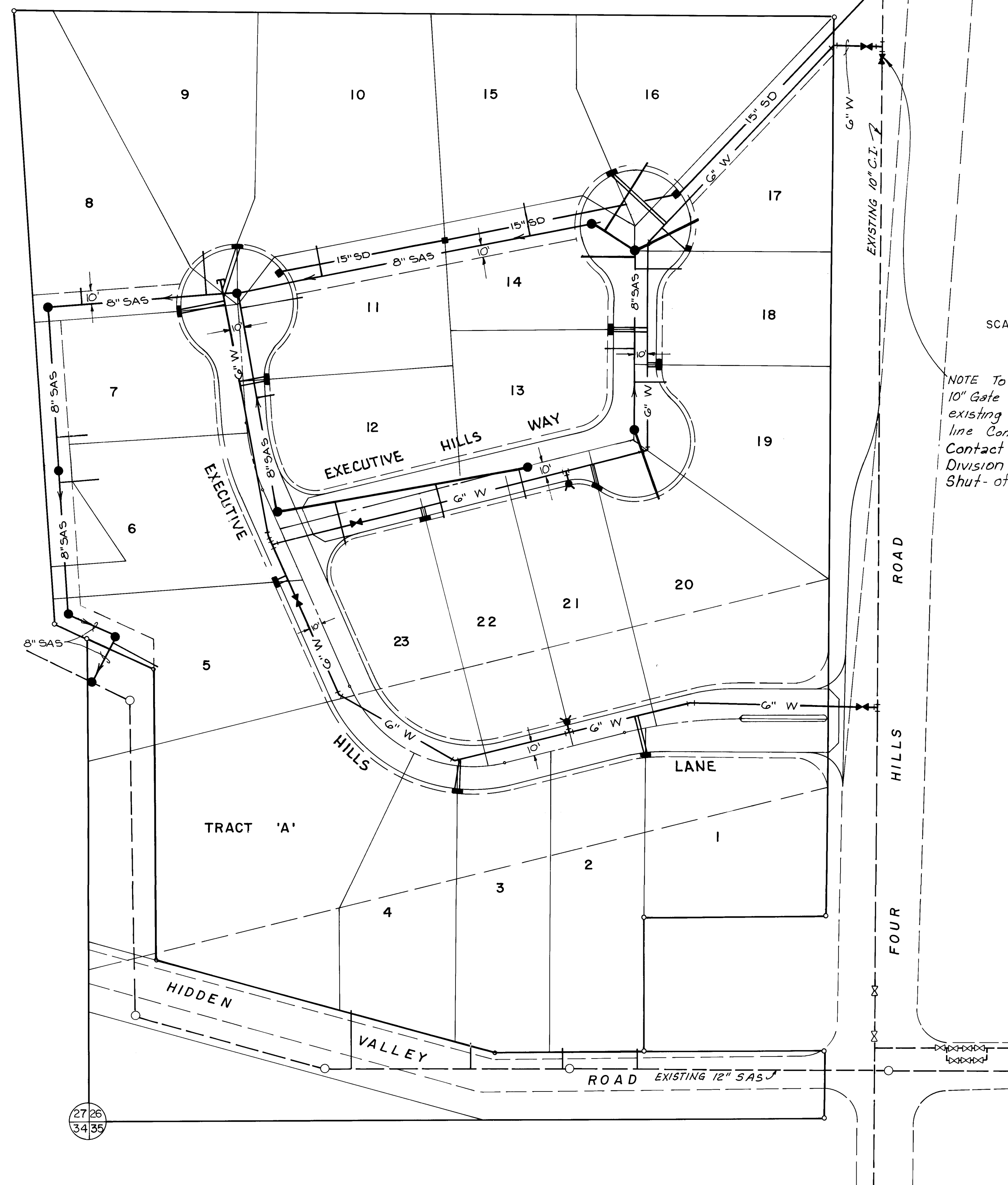
4/17/88
4/15/88
3/8/88

3463

L-23

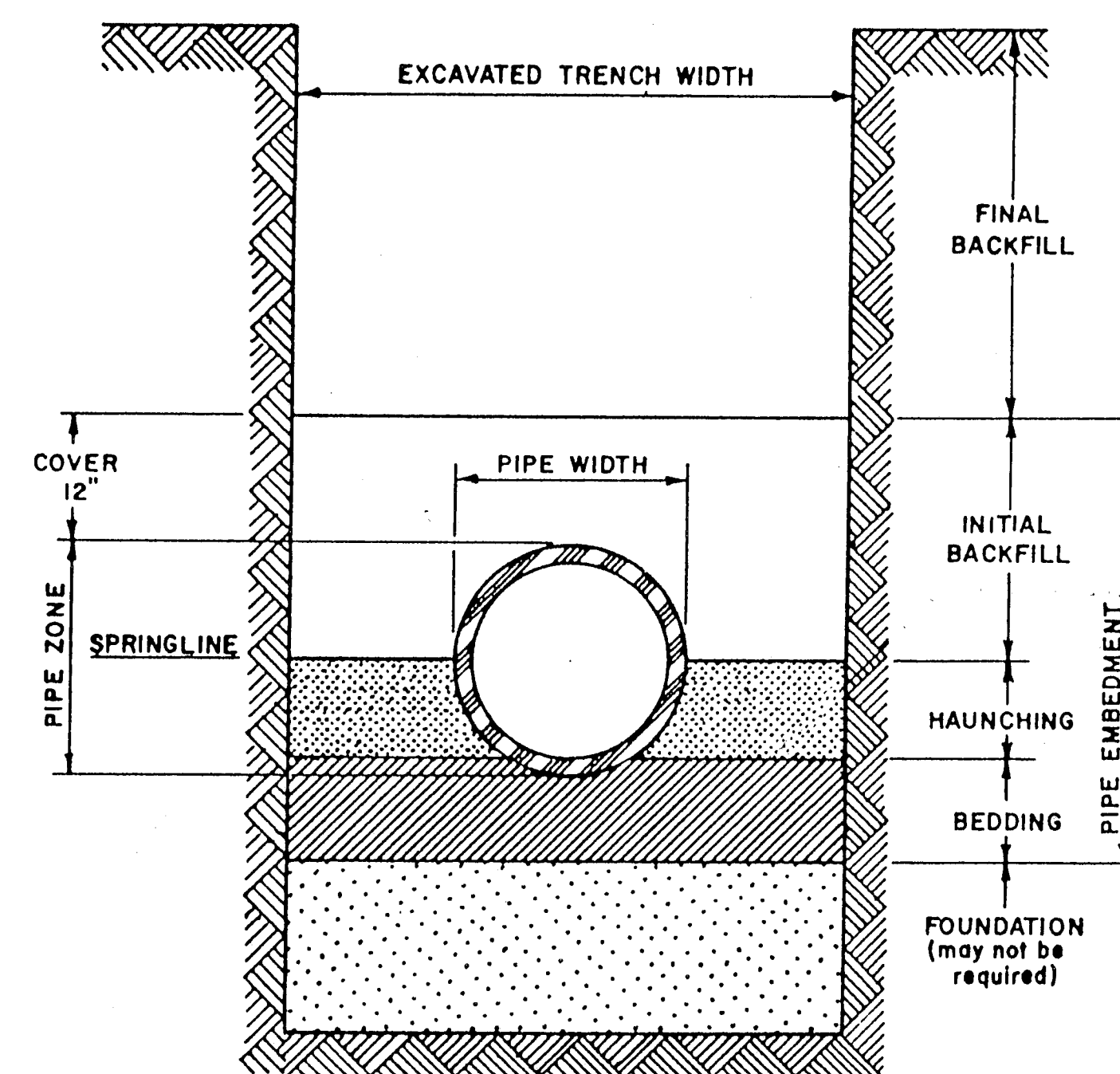
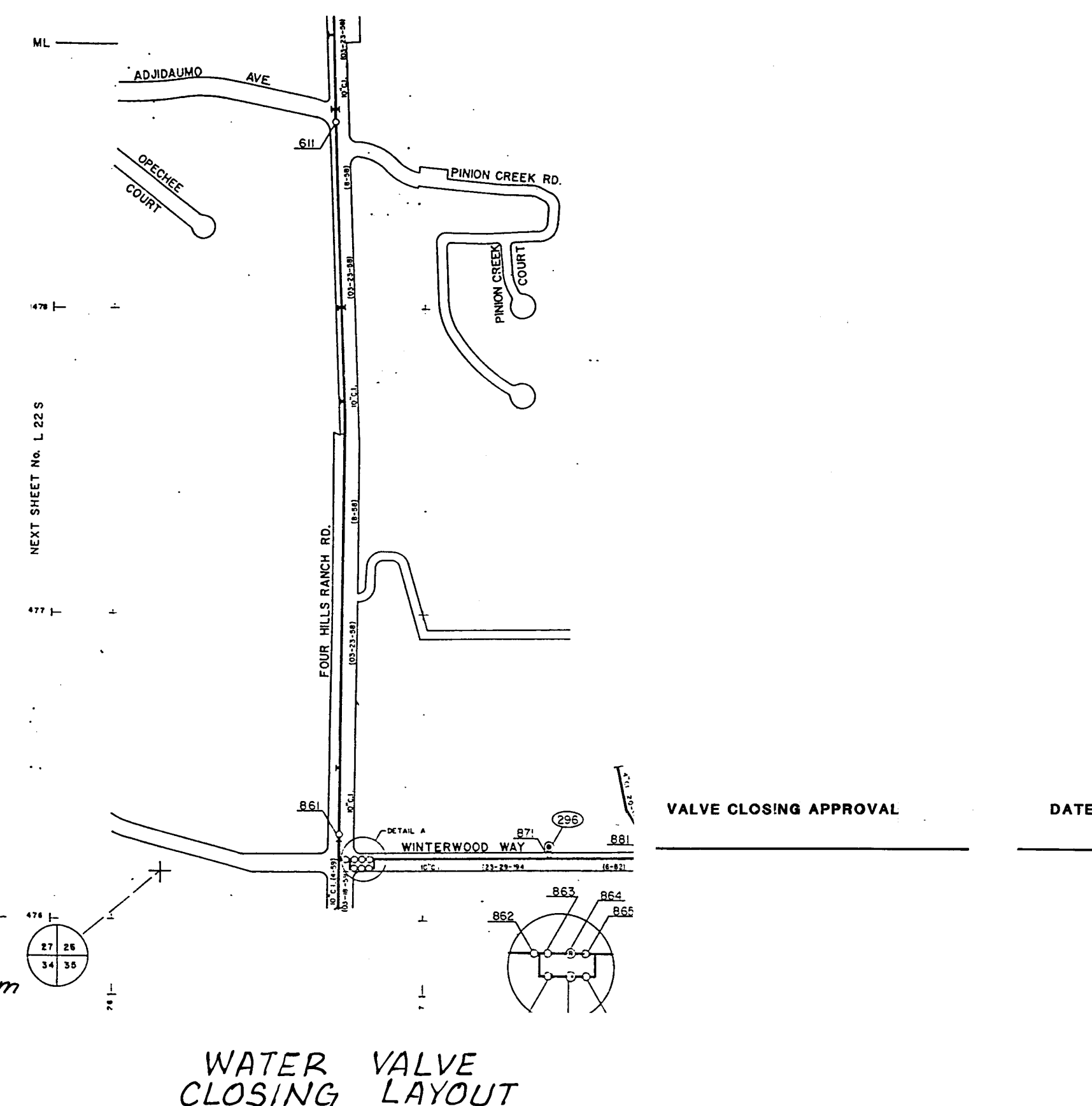
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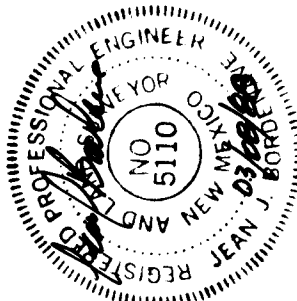
14



SCALE: 1" = 50'

NOTE To install new
10" Gate Valve in
existing 10" C.I. water
line Contractor to
Contact Water System
Division for Valve
Shut-off.



ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		FIELD NOTES					
		NO.	BY				
				ACS "TOM" ELEVATION 5711.67		CONTRACTOR	
				A STANDARD ACS BRASS TABLET STAMPED		WORK STARTED BY	
				"TOM-1978". BENCHMARK BEARS N 31° 47' 11" E,		ACCEPTANCE BY	
				2,303.27 FEET FROM THE NORTHEAST		FIELD DATE	
				CORNER OF SUBDIVISION.		DATE	
						MICRO-FILM INFORMATION	
						RECORDED BY	
						DATE	
						NO	

26 34631088

REVISIONS			REMARKS	BY
NO.	DATE			
DESIGNED BY	LEE	DATE	11-87	
DRAWN BY	SP	DATE	11-87	
CHECKED BY	LEE	DATE	11-87	

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE:

EXECUTIVE HILLS
UTILITY LAYOUT

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>[Signature]</i>	4/15/83			
Trans. Dev					
Utility Dev	<i>[Signature]</i>	4/15/83			
Hydrology	<i>[Signature]</i>	3/8/83			

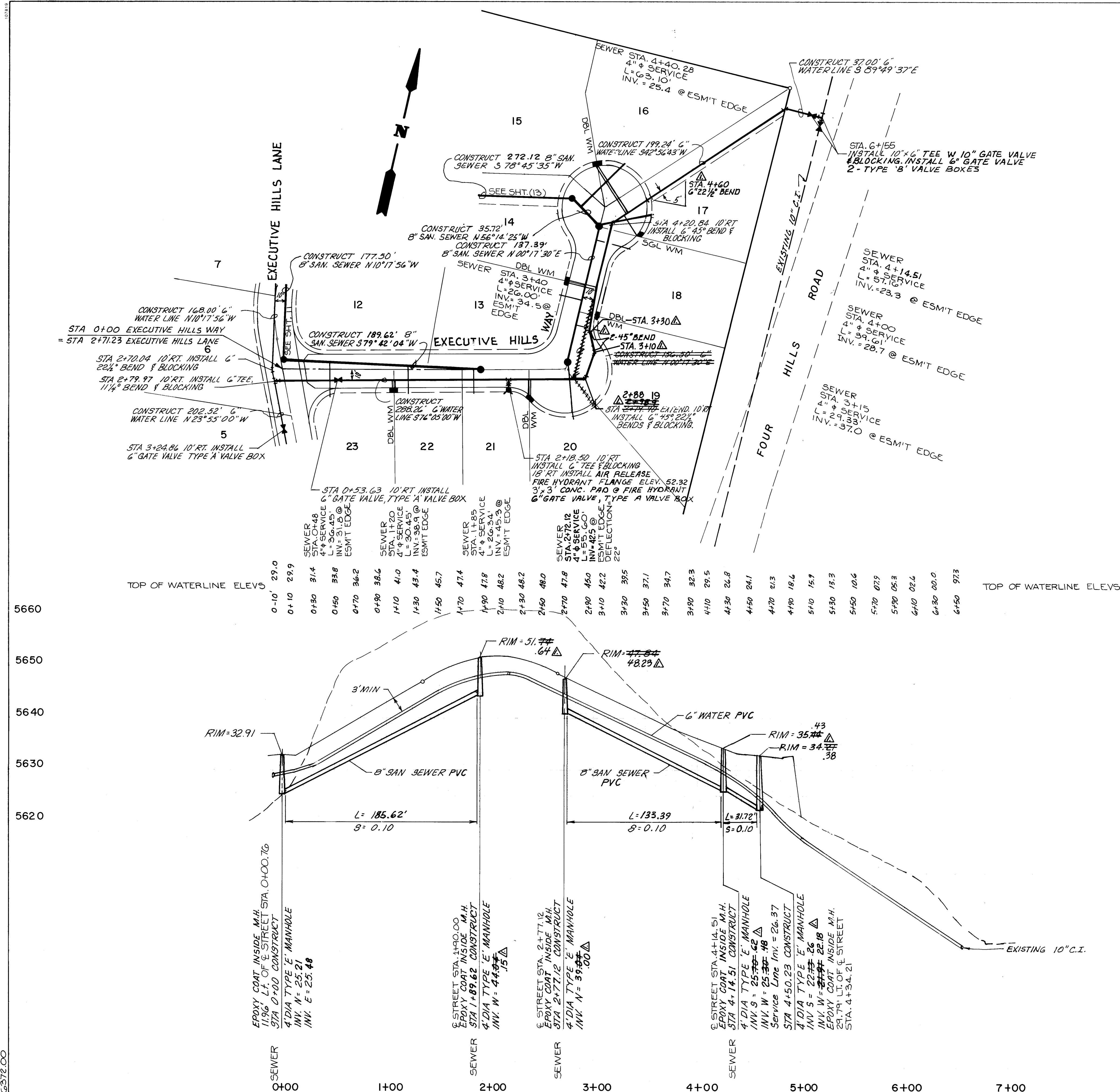
DRAWING NO. **3463**

MAP NO. **L-23**

SHEET **10** OF **14**

0376.00

0376.00



SCALE: HORIZ. 1" = 50'
VERT. 1" = 10'

1. ALL STATIONS ARE CENTERLINE STREET STATIONS EXCEPT WATER AND SEWER LINES THRU EASEMENTS. THESE STATIONS ARE CENTERLINE OF PIPE.
2. ALL MANHOLES ON THIS PROJECT ARE 4' IN DIAMETER.
3. INVERT ELEVATIONS SHOWN ARE AT EDGE OF MANHOLE. PIPE SLOPES ARE FROM EDGE OF MANHOLE TO EDGE OF MANHOLE.
4. SEWER PIPE PAY LENGTHS ARE FROM CENTER OF MANHOLE TO CENTER OF MANHOLE. BEARINGS AND DISTANCES SHOWN IN PLAN VIEW ARE FROM CENTER OF MANHOLE TO CENTER OF MANHOLE.
5. BEARINGS AND DISTANCES SHOWN IN PLAN VIEW FOR WATER LINES ARE FROM CENTER OF FITTING TO CENTER OF FITTING.
6. WATERLINES ARE SET AT A MINIMUM OF 3.00' BELOW FINISHED GRADE AT CENTERLINE OF PIPE.
7. FOR DOUBLE WATER SERVICES THE CONTRACTOR SHALL INSTALL TWO (2) LINES IN ONE (1) TRENCH A MINIMUM OF 12" APART. SEE CITY OF ALBUQUERQUE DRAWING NO. 2360. CONTRACTOR TO INSTALL PRESSURE REDUCING VALVE ON EACH WATER SERVICE.
8. USE CITY OF ALBUQUERQUE STANDARD DETAIL DRAWING 2102, 2110, 2118, 2125, 2315, 2320, 2325, 2328, 2340, 2344, 2360, 2361, 2362, 2366, 2369 TO CONSTRUCT THIS PROJECT.
9. CONTRACTOR WILL NOT BE ALLOWED TO DEFLECT JOINTS IN FLEXIBLE PIPE. ANY DEFLECTIONS REQUIRED TO MEET VERTICAL ALIGNMENT WILL BE ACHIEVED BETWEEN JOINTS.

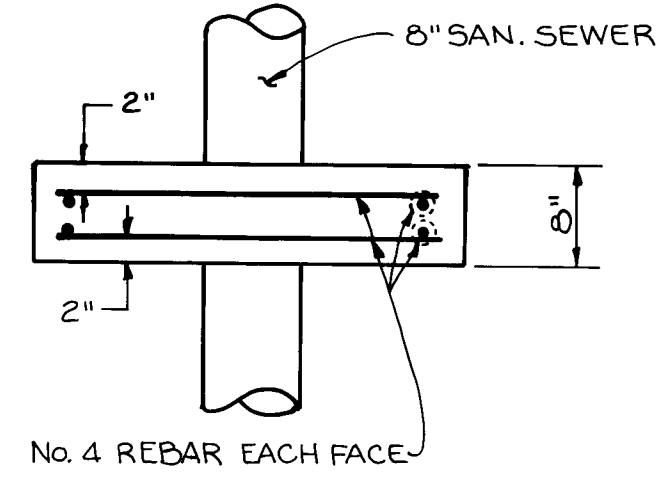
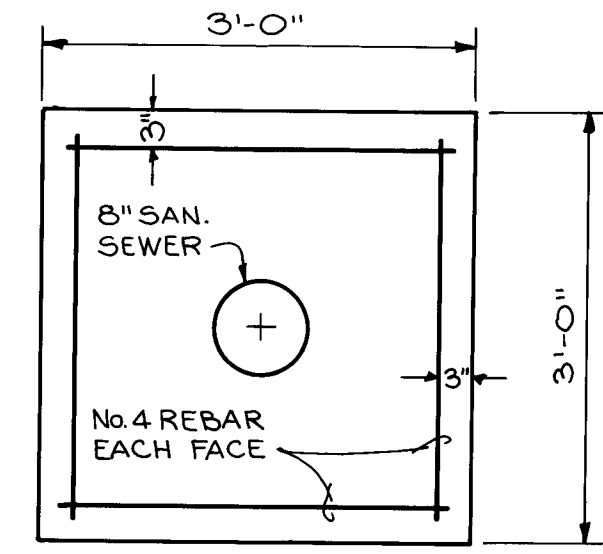
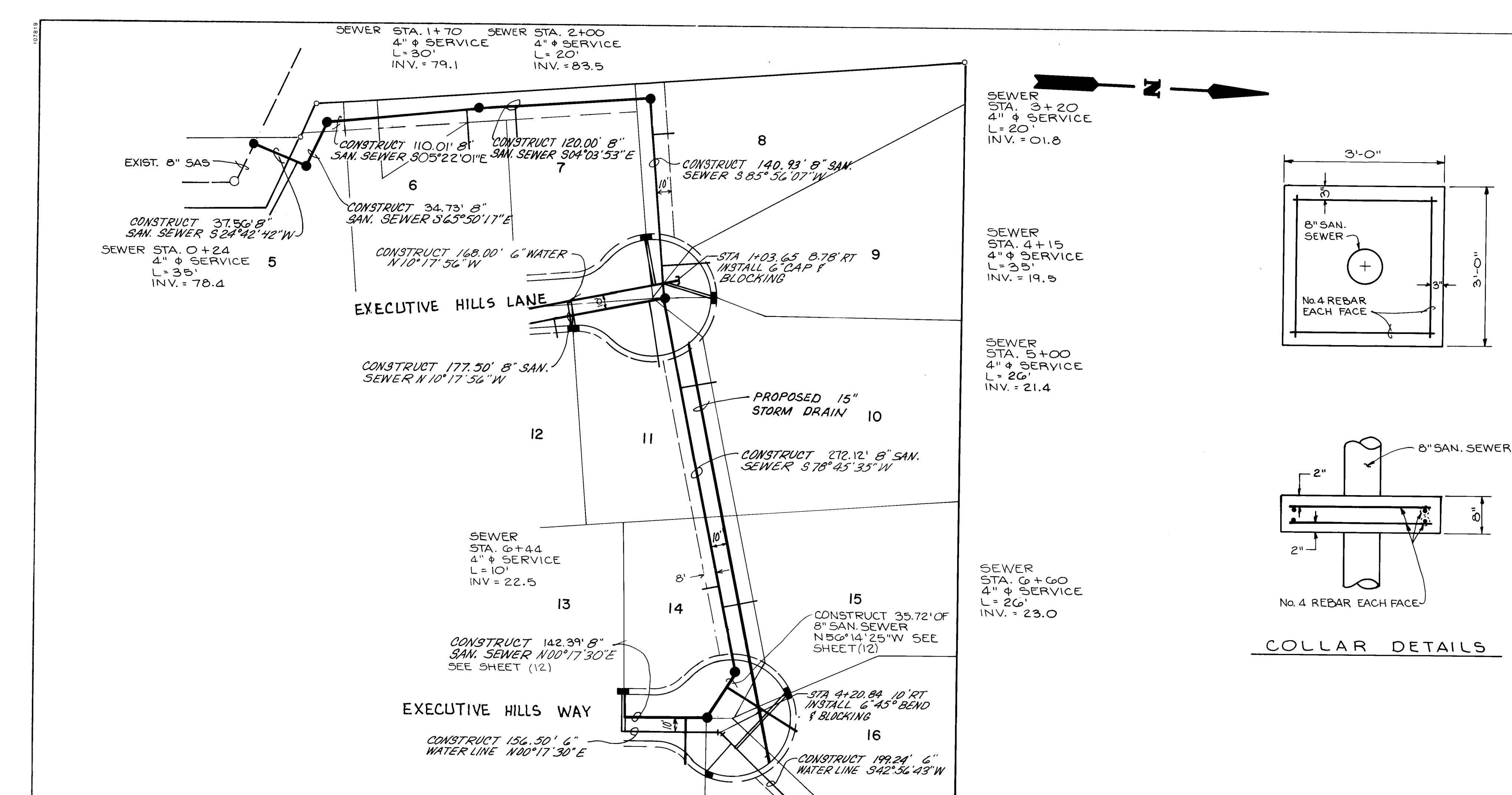
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE
**EXECUTIVE HILLS
UTILITY P & P**

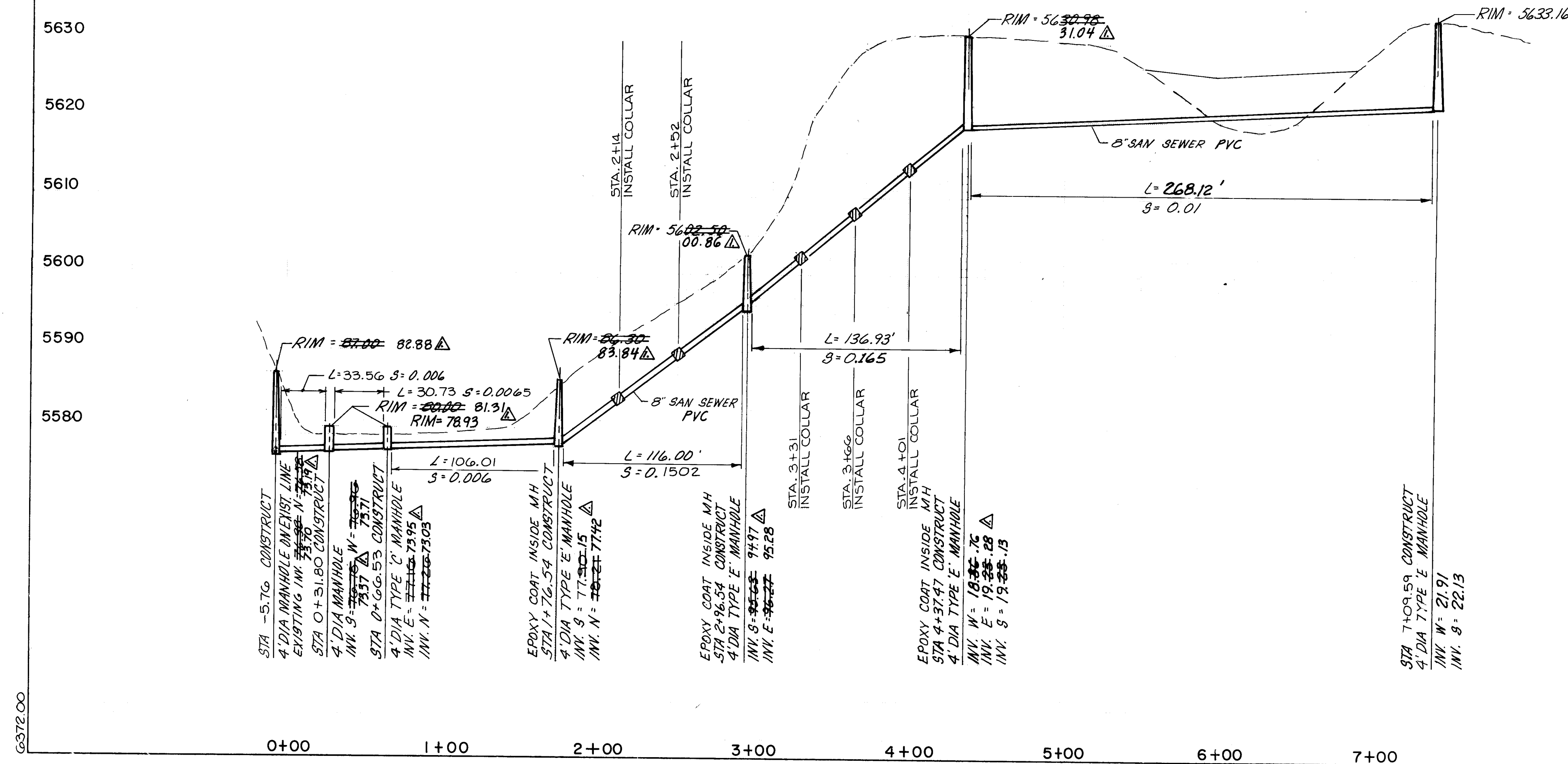
APPROVAL	DATE	APPROVAL	DATE
DESIGNER	4/15/88	ENGINEER	4/15/88
TRANS. DES.		TRANS. DES.	
UTILITY DES.	4/15/88	UTILITY DES.	4/15/88
DRAWING NO.	3463	MAP NO.	L-23
		SHEET	12 OF 14

AS BUILT INFORMATION	BENCH MARKS	SURVEY INFORMATION	ENGINEER'S SEAL	REVISIONS
AS BUILT INFORMATION Sundance Mech. City of Albuquerque DRAWING NO. 3463 DATE 4/15/88 RECORDED BY NO.	BENCH MARKS ACS "TOM" ELEVATION 5711.67 A STANDARD ACS BRASS TABLET STAMPED "TOM-1978". BENCHMARK BEARS N 31°47'11" E, 2,303.27 FEET FROM THE NORTHEAST CORNER OF SUBDIVISION.	SURVEY INFORMATION FIELD NOTES NO. BY DATE	ENGINEER'S SEAL Professional Engineer No. 5110 State of New Mexico J. BORDO	REVISIONS NO. DATE 11-30-88 Revised from as-built information DESIGN LEE DATE 11-87 SP DATE 11-87 CHECKED BY LEE



COLLAR DETAILS

SCALE : HORIZ. 1" = 50'
VERT. 1" = 10'

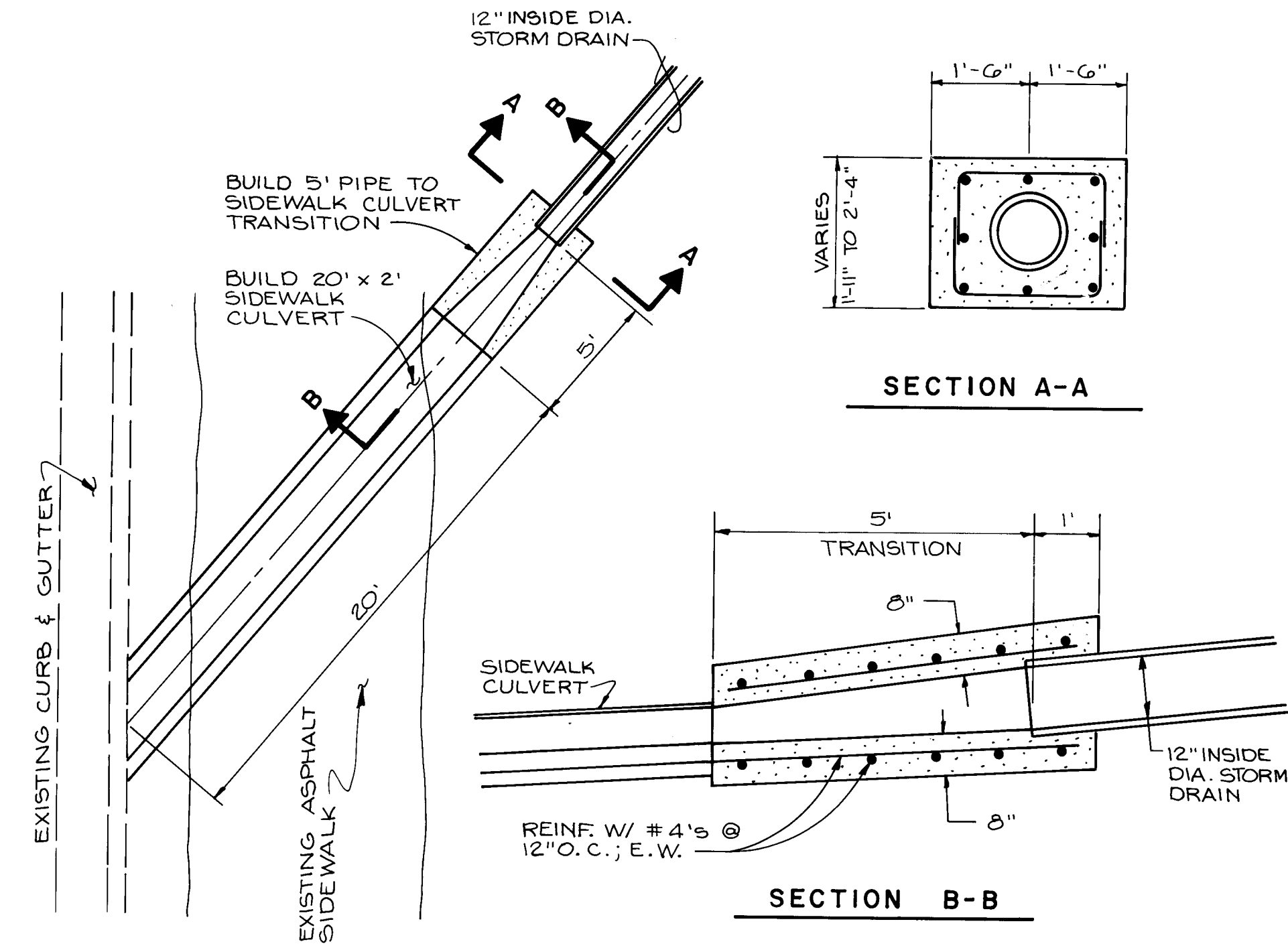


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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE	EXECUTIVE HILLS UTILITY P. & P
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APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
C.R.C. Clerk	<i>[Signature]</i>	4/19/88			
Trans. Div.					
Utility Div.					
<i>Hypocor</i>	<i>Quintero</i>	4/20/88			
	<i>Reg. & Plan</i>	3/18/88			
DRAWING NO.	3463	MAP NO.	L-23	SHEET	13 OF 14



AS BUILT INFORMATION

SOUNDING MECH.

CITY OF ALBUQ

RECORDED BY L. TORRESO

DATE 11/18/88

DATE

MICRO FILM INFORMATION

RECORDED BY

40

SECTION X-X

CITY OF ALBUQUERQUE					
PUBLIC WORKS DEPARTMENT					
ENGINEERING GROUP					
TITLE					
EXECUTIVE HILLS					
STORM SEWER P & P					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
P.E.C. Chief	<i>[Signature]</i>	4/19/88			
Trans. Div.	"	"			
Utility Div.	<i>[Signature]</i>	4/15/88			
<i>[Signature]</i>	<i>[Signature]</i>	3/26/88			
DRAWING NO.		MAP NO.		SHEET	
3463		L-23		OF	
				14 14	