

CITY OF ALBUQUERQUE
CONSTRUCTION PLANS
FOR
NORTH GLENWOOD HILLS ARROYO IMPROVEMENTS
COMANCHE ROAD TO TRAMWAY BLVD.

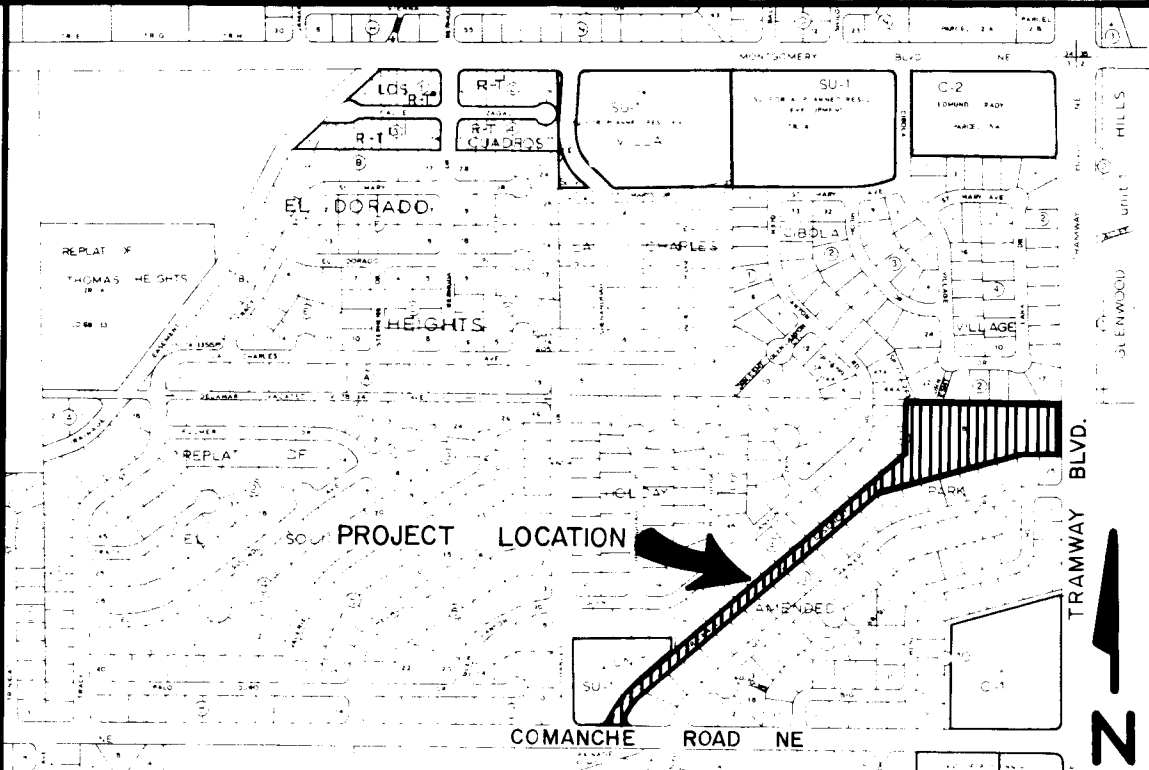


INDEX TO DRAWINGS

SHEET	TITLE
1.	TITLE SHEET
2.	PLAN & PROFILE - STA. 10+00 TO STA. 12+50
3.	PLAN & PROFILE - STA. 12+50 TO STA. 17+00
4.	PLAN & PROFILE - STA. 17+00 TO STA. 22+00
5.	PLAN & PROFILE - STA. 22+00 TO STA. 26+50
6.	PLAN & PROFILE - STA. 26+50 TO STA. 30+38.75
7.	PLAN & PROFILE - SIDE CHANNEL STA. 10+00 TO STA. 12+37.76
8.	TYPICAL SECTIONS AND DETAILS
9.	TYPICAL SECTIONS AND DETAILS

COMPUTERIZED CROSS SECTIONS ARE LOCATED AT THE END OF THE "SPECIFICATIONS AND CONTRACT DOCUMENTS."

LEGEND	
	ASPHALT SURFACE
	CONCRETE SURFACE
	GRAVEL SURFACE
	EXISTING FEATURE
	PROPOSED SPOT ELEVATION (TC = Top of Channel) (TW = Top of Wall)
	RIGHT OF WAY
	FLOW ARROW
	WATER SURFACE
	BLOCK WALL
	EXISTING GROUND ELEVATION
	PROPOSED FINISHED ELEVATION
	EXISTING CONTOUR
	PROPOSED CONTOUR



VICINITY MAP

SCALE: NONE
ZONE: ATLAS PAGE G-22

GENERAL NOTES

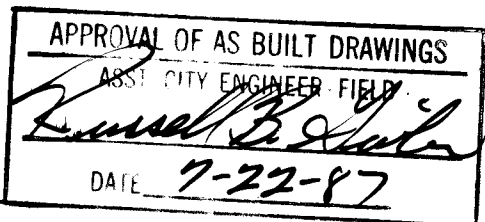
NOTICE TO CONTRACTORS

- CITY OF ALBUQUERQUE INTERIM SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - 1985 EDITION WILL BE REFERRED TO HEREIN AS THE "STANDARD SPECIFICATIONS."
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE (765-1234) FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO ANY 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 THE SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- NO CONSTRUCTION WILL BE ALLOWED IN THE NORTH GLENWOOD HILLS ARROYO DURING THE MONTHS OF JULY, AUGUST, OR SEPTEMBER, UNLESS THE CONTRACTOR PROVIDES AND OBTAINS APPROVAL OF AN EROSION CONTROL PLAN AND A PLAN FOR THE SAFE PASSAGE OF THE 10 YEAR DESIGN STORM.

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.
- ☐ SIDEWALK AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☐ IF CURB IS DEPRESSED 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.

"AS CONSTRUCTED"



1	2	3	4	5	6	7	8	9	10	11	12
2	6	2	9	7	5	0	1	8	7		

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

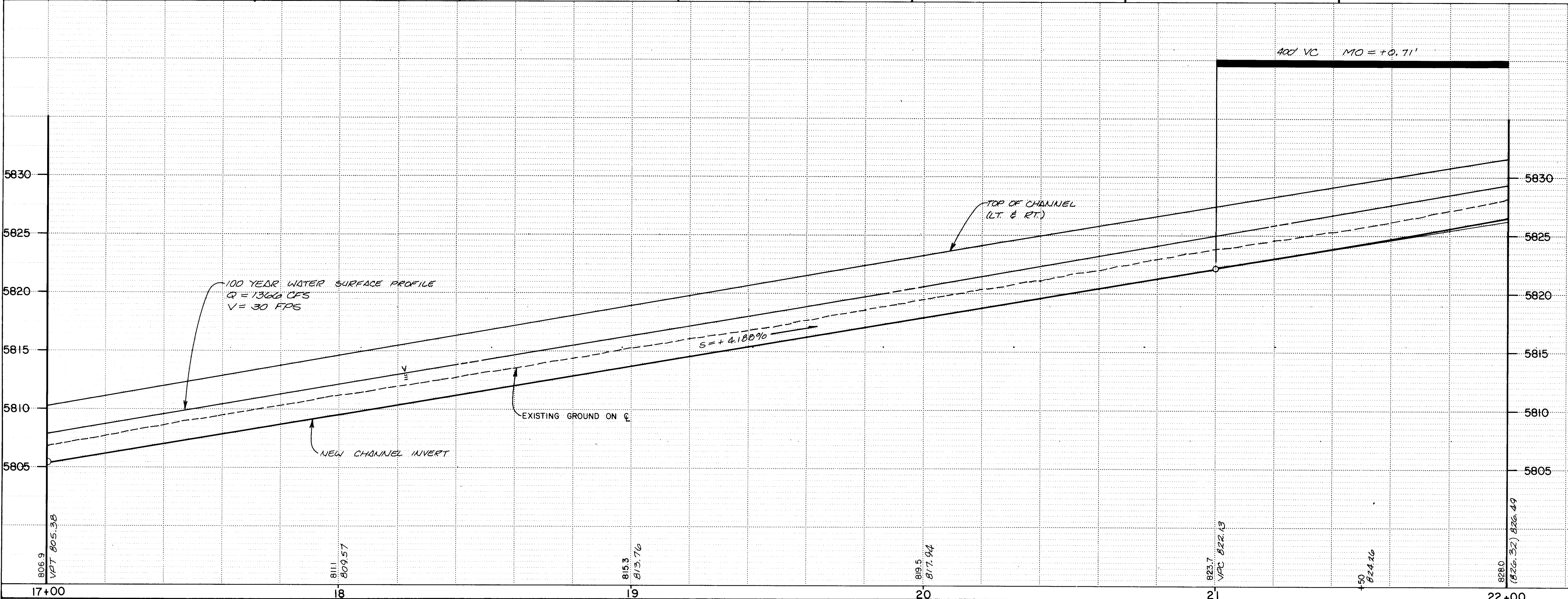
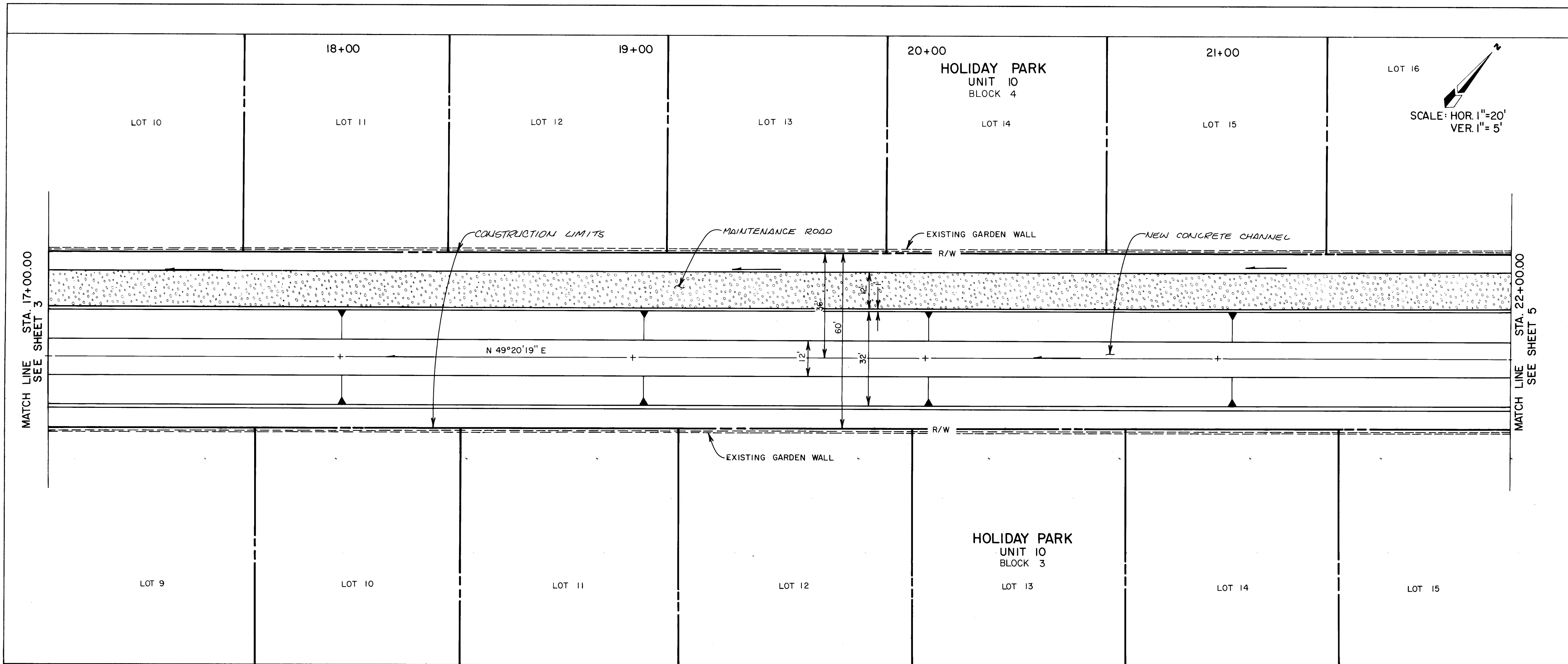


dmg
D. MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 21307
ALBUQUERQUE, NEW MEXICO 87154
(505) 294-9961

PROJECT NUMBER
2975

APPROVED FOR
CONSTRUCTION

SHEET 1 OF 9



NOTES

1. ALL SURVEY DATA IS FOR CONSTRUCTION Q.
2. FOR TYPICAL CHANNEL DETAILS, SEE SHEET 8.
3. FOR CHANNEL SIDE SLOPE LADDER DETAILS, SEE SHEET 8.
4. CONTRACTOR IS TO SEED ALL DISTURBED AREAS WITHIN CONSTRUCTION LIMITS.

AS BUILT INFORMATION

CONTRACTOR: J.R. LOPEZ
WORK: D. Mark Goodwin & Associates, P.A.
STARTED BY: J.R. LOPEZ
ACCEPTANCE BY: D. Mark Goodwin & Associates, P.A.
DATE: 10/1/86
FIELD: J.R. LOPEZ
DATE: 10/1/86
CORRECTED BY: J.R. LOPEZ
DATE: 10/1/86
MICRO-FILM INFORMATION
RECORDED BY: J.R. LOPEZ
DATE: 10/1/86

BENCH MARKS

BM - ACS 7-522; ELEV. = 5714.850 M.S.L.; A SQUARE (2) CHISEL ON TOP OF CONCRETE CURB AT THE NW CURB RETURN AT THE JUNCTION OF COMANCHE ROAD NE AND TRACY DRIVE NE, IN THE NW QUADRANT OF INTERSECTION.

SURVEY INFORMATION

FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

REVISIONS

NO.	DATE	REMARKS	BY
1	2/6	DESIGN	MG
2	2/9	DESIGN	BG
3	7/5	DESIGN	MG
4	10/4	DESIGN	MG
5	10/8	DESIGN	MG
6	10/8	DESIGN	MG
7	10/8	DESIGN	MG
8	10/8	DESIGN	MG
9	10/8	DESIGN	MG
10	10/8	DESIGN	MG
11	10/8	DESIGN	MG
12	10/8	DESIGN	MG

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

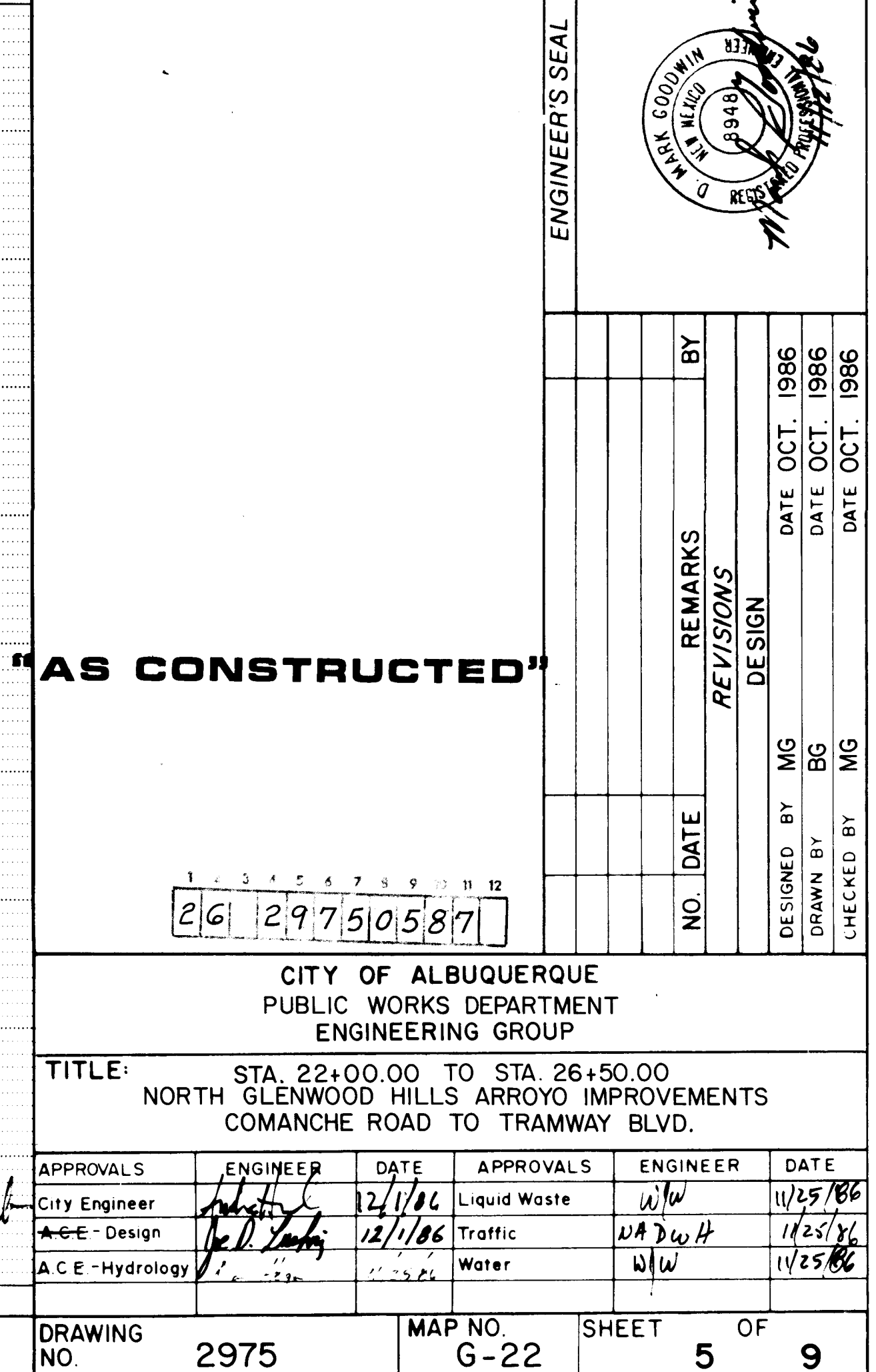
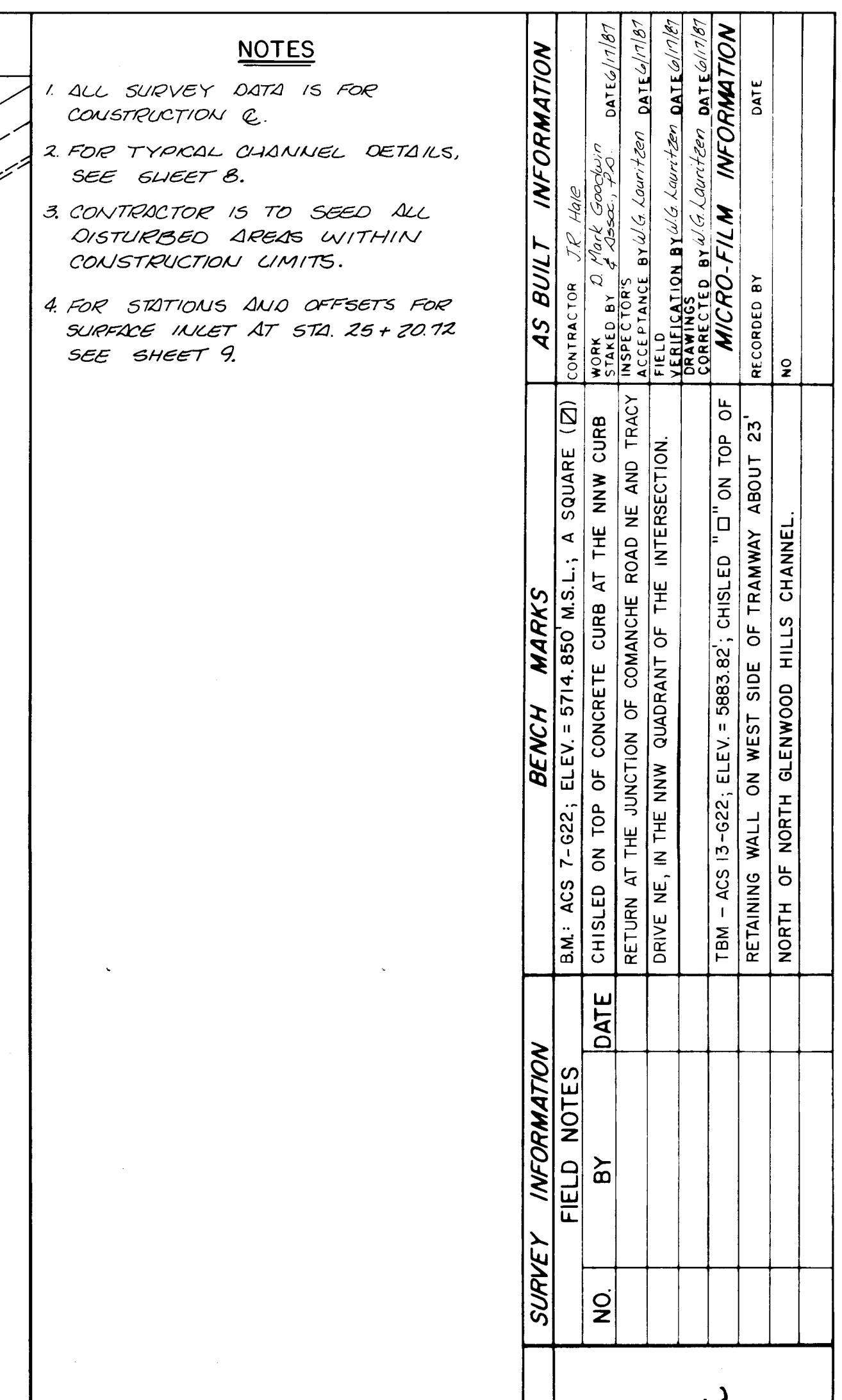
TITLE: STA. 17+00.00 TO STA. 22+00.00
NORTH GLENWOOD HILLS ARROYO IMPROVEMENTS
COMANCHE ROAD TO TRAMWAY BLVD.

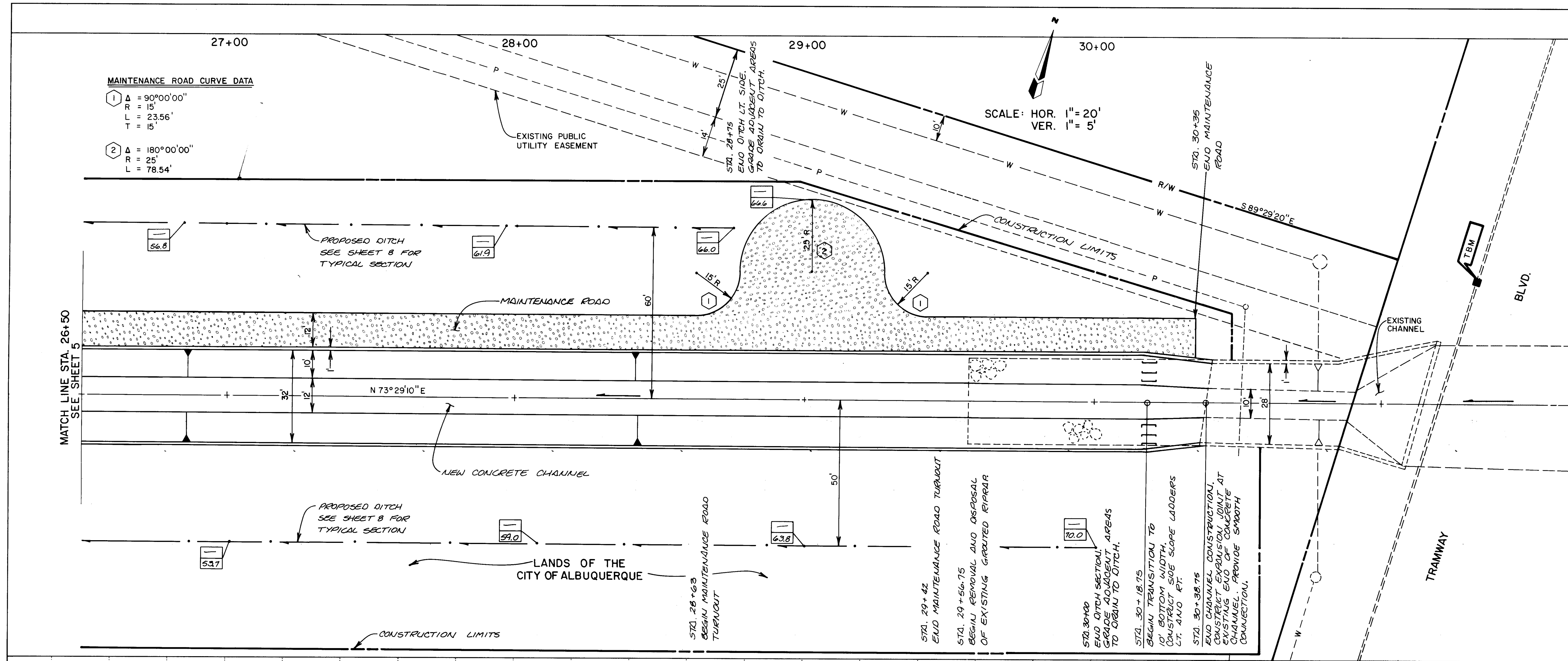
APPROVALS

ENGINEER	DATE	ENGINEER	DATE
City Engineer	12/1/86	City Engineer	11/25/86
ACE-Design	12/1/86	ACE-Design	11/25/86
ACE-Hydrology	12/1/86	ACE-Hydrology	11/25/86

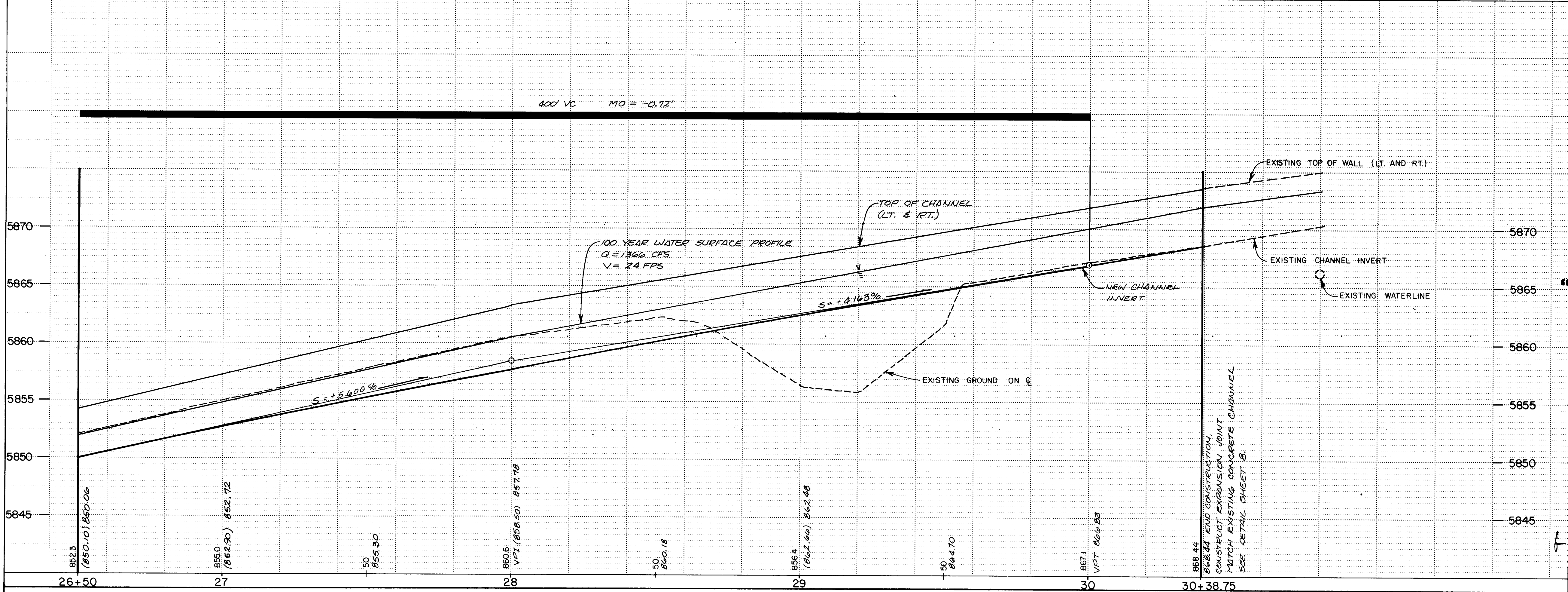
DRAWING NO. 2975 **MAP NO.** G-22 **SHEET** 4 **OF** 9

DRG D. MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 31507
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(505) 294-3961





- NOTES
1. ALL SURVEY DATA IS FOR CONSTRUCTION Q.
 2. FOR TYPICAL CHANNEL DETAILS, SEE SHEET 8.
 3. CONTRACTOR IS TO SEED ALL DISTURBED AREAS WITHIN THE CONSTRUCTION LIMITS.



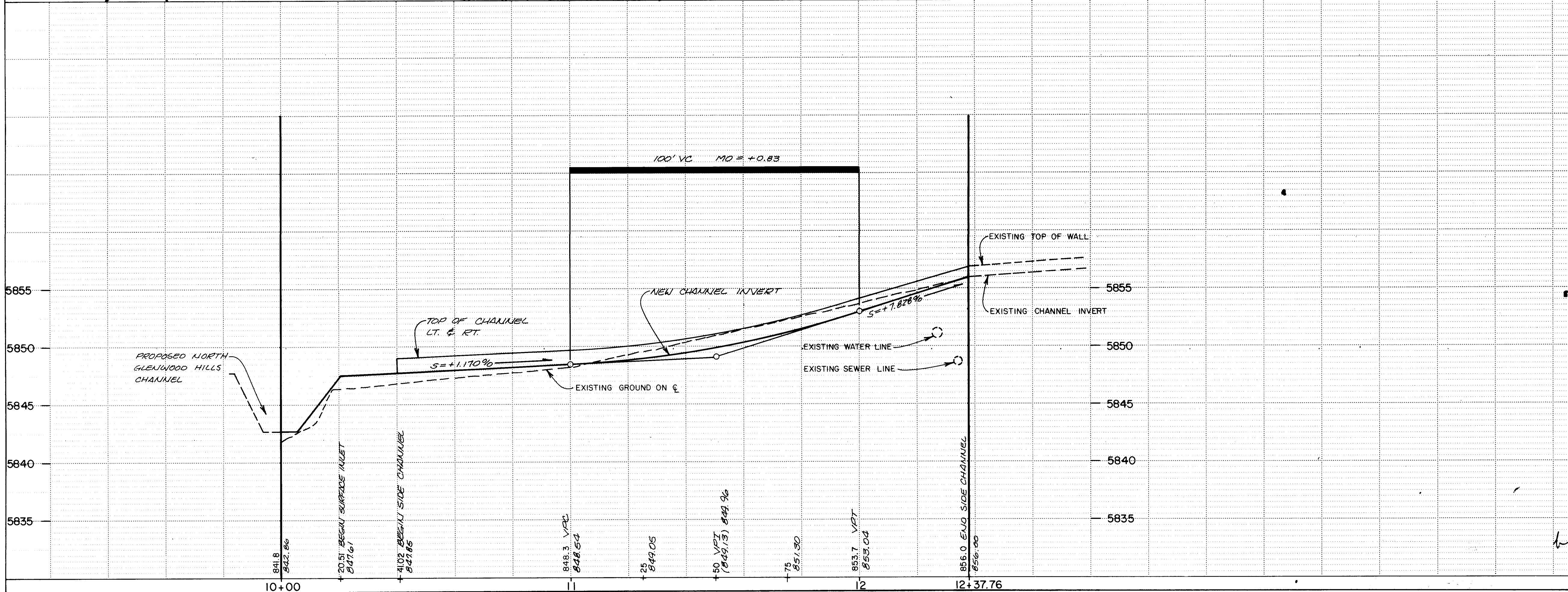
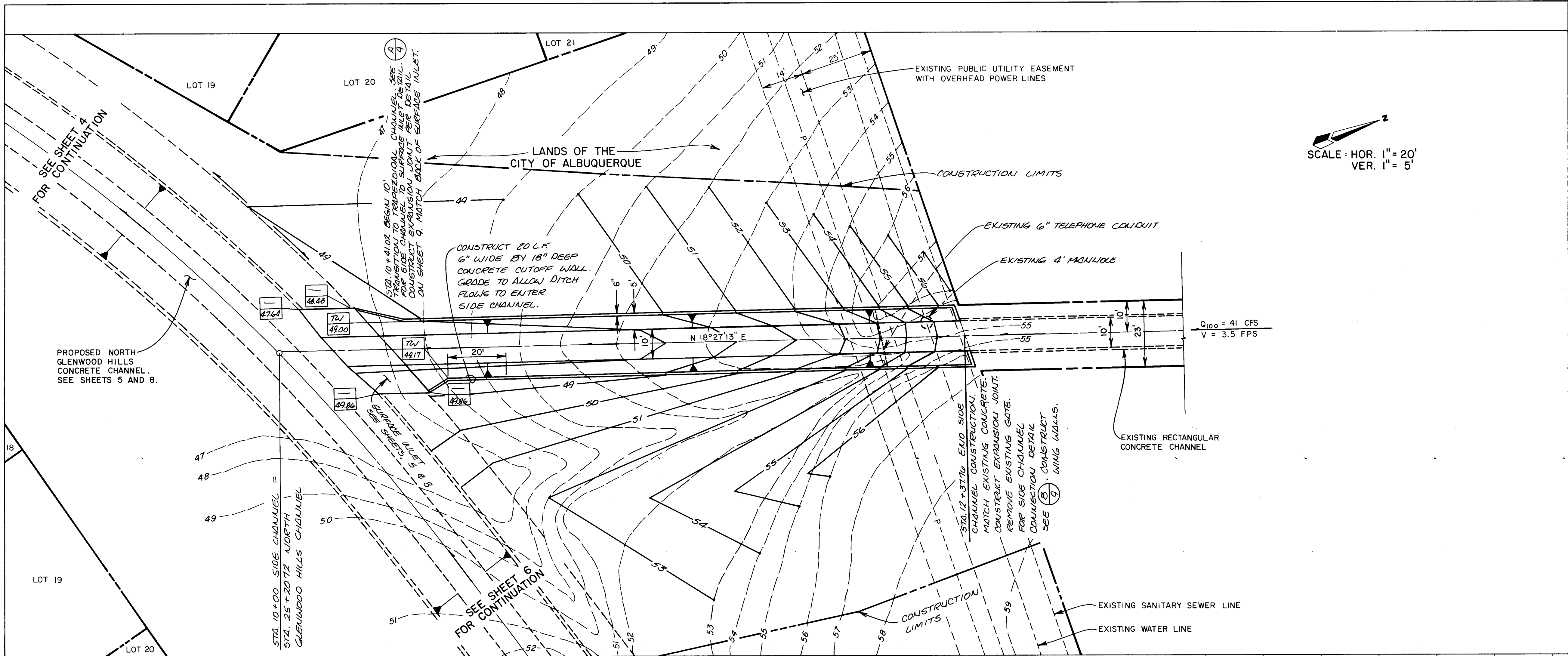
"AS CONSTRUCTED"

1 2 3 4 5 6 7 8 9 10 11 12
26 29750687

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: STA. 26+50.00 TO STA. 30+38.75 NORTH GLENWOOD HILLS ARROYO IMPROVEMENTS COMANCHE ROAD TO TRAMWAY BLVD.					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	12/1/86	Liquid Waste	WJW	11/25/86
AG-E-Design	<i>[Signature]</i>	12/1/86	Traffic	NADWH	11/25/86
AG-E-Hydrology	<i>[Signature]</i>	11/25/86	Water	WJW	11/25/86
DRAWING NO. 2975			MAP NO. G-22		SHEET 6 OF 9

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ENGINEER'S SEAL			SURVEY INFORMATION			BENCH MARKS			AS BUILT INFORMATION		
			FIELD NOTES			B.M.: ACS 7-622; ELEV. = 5714.850 M.S.L.; A. SQUARE (121)			CONTRACTOR J.P. LANE		
			NO.	BY	DATE	CHISEL ON TOP OF CONCRETE CURB AT THE NW CORNER RETURN AT THE JUNCTION OF COMANCHE ROAD NE AND TRACY DRIVE NE, IN THE NW QUADRANT OF THE INTERSECTION.			WORK BY D. Mark Goodwin, P.E. DATE 12/1/86		
									FIELD ACCEPTANCE BY W. J. LANE DATE 11/25/86		
									RECORDING BY W. J. LANE DATE 11/25/86		
									MICRO-FILM INFORMATION		
									TBM - ACS 13-622; ELEV. = 5883.82'; CHISEL "D" ON TOP OF RETAINING WALL ON WEST SIDE OF TRAMWAY ABOUT 23' NORTH OF NORTH GLENWOOD HILLS CHANNEL.		
									RECORDED BY		
									DATE		
									NO		



NOTES

1. ALL SURVEY DATA IS FOR CONSTRUCTION.

2. FOR TYPICAL CHANNEL DETAILS, SEE SHEET 9.

3. CONTRACTOR IS TO PLACE NECESSARY BORROW MATERIAL AND PERFORM GRADING ADJACENT TO SIDE CHANNEL TO INSURE PROPER DRAINAGE.

4. CONTRACTOR IS TO SEED ALL DISTURBED AREAS WITHIN CONSTRUCTION LIMITS.

AS BUILT INFORMATION

CONTRACTOR: J. D. LEE
WORK: N. Glenwood Hills, Albuquerque, N.M.
INSPECTOR: J. D. LEE
DATE: 11/17/86
FIELD: J. D. LEE
DATE: 11/17/86
DRAWING: J. D. LEE
DATE: 11/17/86
MICRO-FILM INFORMATION
RECORDED BY: J. D. LEE
DATE: 11/17/86

BENCH MARKS

BM - ACS 7-022, ELEV = 574.850' M.S.L.; A SQUARE (2) CHISED ON TOP OF CONCRETE CURB AT THE NW CURB RETURN AT THE JUNCTION OF COMANCHE ROAD NE AND TRACY DRIVE NE, IN THE NW QUADRANT OF THE INTERSECTION.
TBM - ACS 13-022, ELEV = 5883.82', CHISED "D" ON TOP OF THE RETAINING WALL ON THE WEST SIDE OF TRAMWAY ABOUT 23' NORTH OF EDGE OF NORTH GLENWOOD HILLS CHANNEL.

SURVEY INFORMATION

FIELD NOTES
NO. BY DATE
1. BY 11/17/86
2. BY 11/17/86
3. BY 11/17/86
4. BY 11/17/86
5. BY 11/17/86
6. BY 11/17/86
7. BY 11/17/86
8. BY 11/17/86
9. BY 11/17/86
10. BY 11/17/86
11. BY 11/17/86
12. BY 11/17/86

ENGINEER'S SEAL

REVISIONS
NO. DATE BY
1. 11/17/86
2. 11/17/86
3. 11/17/86
4. 11/17/86
5. 11/17/86
6. 11/17/86
7. 11/17/86
8. 11/17/86
9. 11/17/86
10. 11/17/86
11. 11/17/86
12. 11/17/86

AS CONSTRUCTED

1 2 3 4 5 6 7 8 9 10 11 12
26 29 75 07 87

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SIDE CHANNEL
NORTH GLENWOOD HILLS ARROYO IMPROVEMENTS
COMANCHE ROAD TO TRAMWAY BLVD.

APPROVALS
City Engineer: J. D. LEE
ACE - Design: J. D. LEE
ACE - Hydrology: J. D. LEE
ENGINEER: J. D. LEE
DATE: 11/17/86
DATE: 11/17/86
DATE: 11/17/86
APPROVALS
Liquid Waste: J. D. LEE
Traffic: J. D. LEE
Water: J. D. LEE
ENGINEER: J. D. LEE
DATE: 11/17/86
DATE: 11/17/86
DATE: 11/17/86

DRAWING NO. 2975

MAP NO. G-22

SHEET 7 OF 9

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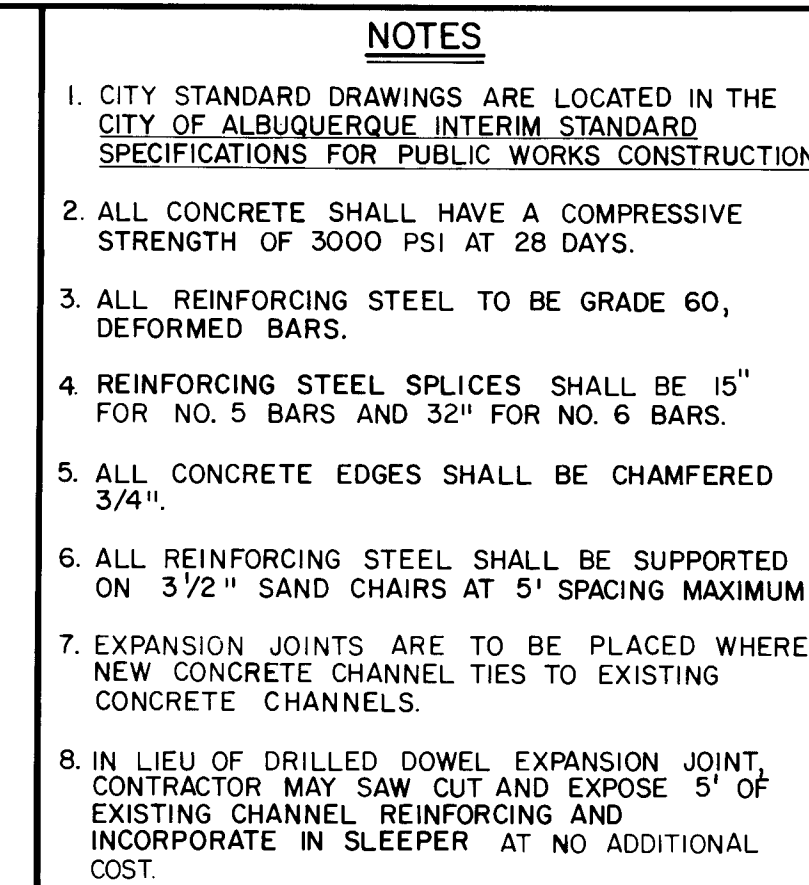
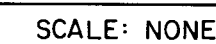
NOTE: SEE PLAN AND PROFILE SHEETS FOR
APPROPRIATE SPOT ELEVATIONS.



LOCATIONS
STA. 10+14, LT. & RT.
STA. 30+18.75, LT. & RT.



SCALE : NONE



EXPANSION JOINT CONSTRUCTION NOTES

1. COMPACT SLEEPER SUBGRADE TO 90% PER ASTM D 1557.
2. POUR SLEEPER WITH Z-BAR REINFORCEMENT EXTENDING ABOVE SLAB STEEL TROWEL BEARING PLATE SURFACE ONLY
3. COMPACT SUBGRADE AND FORM DOWNSTREAM PORTION OF JOINT. CONSTRUCTION JOINTS MAY BE INSTALLED A MINIMUM OF 5 FEET UPSTREAM AND DOWNSTREAM OF JOINT CENTERLINE. PLACE BEARING BEARING PLATE AND DOWNSTREAM REINFORCING AND MAKE DOWNSTREAM POUR. STEEL TROWEL UPON BEARING PLATE SURFACE.
4. WHEN UPSTREAM AND DOWNSTREAM CONCRETE HAS REACHED A MINIMUM OF 80% DESIGN STRENGTH OR AFTER A MINIMUM OF SEVEN DAYS HAS PASSED SINCE CONCRETE WAS POURED, REMOVE SEALANT NOTCH, BEARING BEARING PLATE, SURFACE AND BLOW ALL DEBRIS FROM NOTCH. APPLY EPOXY BONDOR TO BOTH VERTICAL CONCRETE FACES AND TO BOTH SIDES OF FOAM SEALANT MATERIAL. IMMEDIATELY COMPRESS FOAM SEALANT TO NOTCH. REMOVE BONDOR FROM TOP SURFACE OF SEALANT MATERIAL, BUT DO NOT CLEAN BONDOR BEAD ALONG EDGES.
5. COMPACT SUBGRADE AND FORM THE UPSTREAM PORTION OF JOINT. PLACE REINFORCING STEEL, UPPER BEARING PLATE, AND UPPER LOWER FOAM FILLER MATERIAL. UPPER LOWER FOAM FILLER MATERIAL MUST BE LEVEL TO LOWER BEARING PLATE. DO NOT ANCHOR FOAM FILLER MATERIAL WITH NAILS OR BONDING AGENT, KEEP FLUSH WITH POURED DOWNSTREAM SECTION. BLOCK OUT FOAM SEALANT NOTCH, CLIP EXPOSED SLEEPER SURFACE AND MAKE UPSTREAM POUR.
6. IF SEALANT MATERIAL EXTENDS FROM 0" TO 1/8" ABOVE CHANNEL BE FLOWLINE, APPLY ULTRAVIOLET PAINT AS SPECIFIED. IF SEALANT MATERIAL EXTENDS FROM 1/8" TO 1/2" ABOVE CHANNEL FLOWLINE, POWER SAND MATERIAL FLUSH WITH THE CHANNEL FLOWLINE UNDER DIRECTION OF THE ULTRAVIOLET PAINT. IF SEALANT MATERIAL EXTENDS FROM 1/2" TO 0" ABOVE CHANNEL FLOWLINE, APPLY ULTRAVIOLET PAINT AS SPECIFIED.

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: TYPICAL SECTIONS AND DETAILS
NORTH GLENWOOD HILLS ARROYO IMPROVEMENTS
COMANCHE ROAD TO TRAMWAY BLVD.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	12/1/86	Liquid Waste	<i>[Signature]</i>	11/25/86
ACE Design	<i>[Signature]</i>	12/1/86	Traffic	<i>[Signature]</i>	11/25/86
A.C. E-Hydrology	<i>[Signature]</i>	11/25/86	Water	<i>[Signature]</i>	11/25/86

DRAWING NO.	2975	MAP NO.	G - 22	SHEET	8	OF	9
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