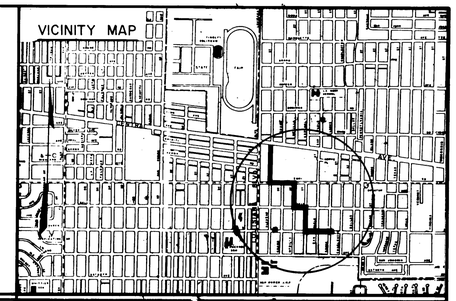
CITY OF ALBUQUERQUE, NEW MEXICO

MUNICIPAL DEVELOPMENT DEPARTMENT

VICINITY MAP



FAIRGROUNDS STORM WATER RELIEF SYSTEM PHASE II

INDEX

DESCRIPTION	SHEET NO.
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DETOUR PLAN (ZUNI RD. SE)	26-28

NOTES

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).

TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, 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.

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.

26 18230184

F. Wilmark 5-24-84

PROCESSING 10/4/85

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

APPROVAL OF REVISIONS

ROBERT F. [illegible] NEW MEXICO REGISTERED PROFESSIONAL ENGINEER

WILSON & COMPANY
ENGINEERS & ARCHITECTS
ALBUQUERQUE, NEW MEXICO

APPROVED FOR CONSTRUCTION

C. H. [illegible]

PROJECT No. 1823

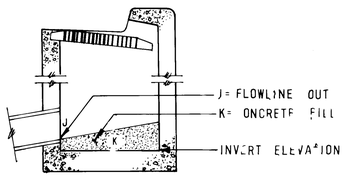
SHEET 1 OF 28

WCEA 83-508

GENERAL NOTES

1. AT THE PRECONSTRUCTION CONFERENCE THE CONTRACTOR SHALL SUBMIT A PLAN FOR MAINTAINING WATER AND SANITARY SEWER SERVICE TO ALL RESIDENTIAL & COMMERCIAL USERS.
2. THE MAXIMUM LENGTH OF STREET THAT MAY BE CLOSED TO LOCAL ACCESS AT ONE TIME IS 300 FT. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO MAINTAIN ACCESS TO PRIVATE PROPERTY AT ALL TIMES.
3. ALL RADII OF CURB RETURNS ARE SHOWN TO FACE OF CURB.
4. UNLESS OTHERWISE SHOWN, ALL DIMENSIONS ARE TO FACE OF CURB.
5. ALL FINISH GRADES AND PROFILES SHOWN ARE TOP OF CURB GRADES, UNLESS OTHERWISE NOTED. MATCH FLOWLINES OF GUTTERS WHEN CONNECTING NEW CURB AND GUTTER TO EXISTING.
6. ALL UTILITY POLES ARE TO BE RELOCATED BY OTHERS.
7. CURB AND GUTTER SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
8. X WHEN ABUTTING NEW PAVEMENT TO EXISTING, CUT BACK EXISTING PAVEMENT TO A STRAIGHT LINE AS REQUIRED TO REMOVE ANY BROKEN OR CRACKED PAVEMENT AND MATCH NEW TO EXISTING.
9. WHEN REMOVAL OF EXISTING CURB AND GUTTER OR SIDEWALK IS REQUIRED, REMOVE BACK TO NEAREST JOINT.
10. ALL GAS VALVE BOXES, GAS MANHOLES, ELECTRICAL MANHOLES AND TELEPHONE MANHOLES WILL BE ADJUSTED TO GRADE BY APPROPRIATE UTILITY.
11. 48 HOURS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE & CABLE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
12. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND MAINTAIN IN SERVICE ALL EXISTING UTILITIES.
13. EXACT LOCATION OF DRIVEPADS AND WHEELCHAIR RAMPS WILL BE DETERMINED IN THE FIELD BY THE PROJECT ENGINEER. LOCATIONS SHOWN ON PLAN AND PROFILE SHEETS ARE APPROXIMATE.
14. THE CITY OF ALBUQUERQUE STANDARD DETAILS ARE INCLUDED IN PART AT THE BACK OF THE SPECIFICATIONS.
15. ALL WATER VALVE BOXES AND SEWER MANHOLES IN THE CONSTRUCTION AREA ARE TO BE ADJUSTED TO FINISH GRADE UNDER THIS CONTRACT.
16. SUBGRADE PREPARATION UNDER CURB AND GUTTER, DRIVEPADS AND SIDEWALK SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF SUCH AND SHALL BE INCLUDED IN THE BID PRICE FOR SUCH ITEMS.
17. A DISPOSAL SITE COMPLYING WITH ALL CITY ORDINANCES SHALL BE OBTAINED BY THE CONTRACTOR FOR THE DISPOSAL OF ALL EXCESS EXCAVATION MATERIAL, ASPHALTIC PAVEMENT AND OTHER WASTE MATERIALS. THE CONTRACTOR SHALL NOTIFY THE CITY OF ALBUQUERQUE OF THE LOCATION OF THE DISPOSAL SITE PRIOR TO THE REMOVAL AND ACTUAL DISPOSAL OF THE MATERIAL. ALL COSTS IN OBTAINING A DISPOSAL SITE AND HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO DIRECT PAYMENT WILL BE MADE THEREFORE.
18. THE CONTRACTOR WILL BE REQUIRED TO CONFINE HIS WORK WITHIN THE CONSTRUCTION LIMITS AND OR R.O.W. TO PRESERVE EXISTING VEGETATION AND PRIVATE PROPERTY. OVERNITE PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAY OPENINGS OR DESIGNATED TRAFFIC LANES.
19. FIFTY (50) TON ROLLER OPERATION SHALL NOT BE USED IN THIS PROJECT.
20. ALL EXCAVATIONS FOR STORM DRAINS, AND OTHER EXCAVATIONS AS NECESSARY SHALL BE GOVERNED BY THE CONSTRUCTION SAFETY AND HEALTH STANDARDS (TITLE 29 CRF, PART 1926 AND PART 1910 AS APPLICABLE TO CONSTRUCTION WORK - PUBLISHED IN THE FEDERAL REGISTER ON FEBRUARY 9, 1979).
21. ALL EXISTING REGULATORY SIGNS AND SIGNALS THAT NEED TO BE REMOVED, RELOCATED OR RE-INSTALLED SHALL BE DONE BY THE CITY OF ALBUQUERQUE TRAFFIC ENGINEERING DIVISION. THE CONTRACTOR SHALL NOTIFY THE TRAFFIC ENGINEERING DIVISION 3 WORKING DAYS IN ADVANCE OF ANY REQUIRED WORK.
22. PERMANENT SIGNING AND ALL STRIPING BY CITY FORCES. CONSTRUCTION SIGNING AND STRIPING BY CONTRACTOR. ALL COSTS INCURRED FOR CONSTRUCTION SIGNING AND STRIPING SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO DIRECT PAYMENT WILL BE MADE THEREFORE UNLESS OTHERWISE PROVIDED.
23. FIRE ALARM CABLES ARE TO BE ADJUSTED BY THE FIRE DEPARTMENT PERSONNEL. FOR INFORMATION CALL 243-6604.
24. EXISTING MEDIAN CURB & GUTTER AND STANDARD CURB & GUTTER THAT IS OUT OF ALIGNMENT OR DISPLACED VERTICALLY OR IS BADLY BROKEN OR DETERIORATED WILL BE REPLACED AS DIRECTED BY THE ENGINEER, AND WILL BE PAID FOR AT CONTRACT UNIT PRICES.
25. THE CONTRACTOR SHALL NOTIFY WATER SYSTEMS DIVISION AT LEAST 2 WORKING DAYS IN ADVANCE OF WHEN FIRE HYDRANTS WILL BE TAKEN OUT OF SERVICE AND RETURNED TO SERVICE. PH. 766-7100
26. THE NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1979 EDITION WILL GOVERN THIS PROJECT EXCEPT AS REVISED, AMENDED OR SUPPLEMENTED BY THE SUPPLEMENTAL GENERAL CONDITIONS, SPECIAL PROVISIONS AND THE PROJECT SPECIFICATIONS.
27. THE CONCRETE PAVEMENT FOR WHEEL CHAIR RAMPS IS INCLUDED IN THE BID ITEM "4 INCH CONCRETE SIDEWALK INCLUDING 6 INCH SUBGRADE PREPARATIONS".
28. THE CONTRACTOR SHALL MAINTAIN ACCESS TO PROPERTY WHEN SUCH ACCESS DOES NOT JEOPARDIZE THE QUALITY OF THE WORK OR THE SAFETY OF THE WORKERS & GENERAL PUBLIC.
29. ALL TRAFFIC CONTROL DEVICES REQUIRED FOR DRIVEWAY CLOSURES, UTILITY CONSTRUCTION OR OTHER REASONS SHALL BE FURNISHED BY THE CONTRACTOR AND SHALL BE INCIDENTAL TO OTHER ITEMS OF WORK AND NO SEPERATE PAYMENT WILL BE MADE.

X REFER TO PAR. 550.07 SPECIFICATIONS



TYPICAL SECTION CATCH BASIN

DEFINING FLOWLINE & INVERT AS DESIGNED

LEGEND

EXISTING UTILITIES

- —HPG— GAS
- —W— WATER
- —SAS— SANITARY SEWER
- MH MANHOLE
- WV WATER VALVE
- UTILITY POLE
- LP LIGHT POLE
- FH FIRE HYDRANT
- CATCH BASIN
- —OT— BURIED TELEPHONE

PLAN

(R) REMOVE
(C) CONSTRUCT
(I) INSTALL

RESIDENTIAL PAVEMENT

ARTERIAL PAVEMENT

PROPOSED UTILITIES

- RCP STORM DRAIN
- TEE OR TYPE C MANHOLE
- TYPE E MANHOLE
- TYPE A CATCH BASIN
- TYPE C CATCH BASIN
- TYPE B CATCH BASIN
- SANITARY SEWER & MANHOLE

AS BUILT INFORMATION
CONTRACTOR — DATE
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

REMARKS
REVISIONS
NO. DATE BY
DESIGN — DATE
DESIGNED BY — DATE
DRAWN BY — DATE
CHECKED BY — DATE

10/4/85

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT

FAIRGROUNDS STORM WATER
RELIEF SYSTEM PHASE II

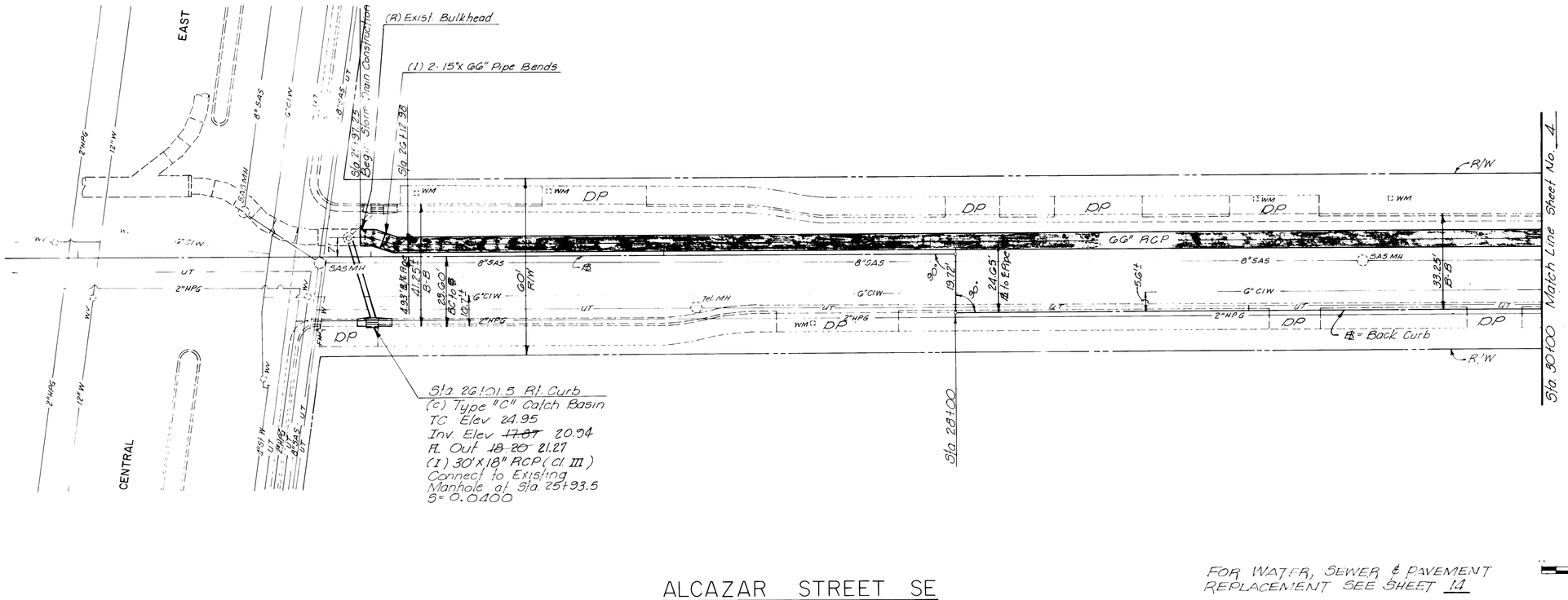
GENERAL NOTES & LEGEND

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		9/4/85	Liquid Waste		
A.C.E.-Design			Traffic	David W. Hammer	9/3/84
A.C.E.-Hydrology			Water		

DRAWING NO 1823 | MAP NO | SHEET 2 OF 28

WILSON & COMPANY
ENGINEERS ARCHITECTS
ALBUQUERQUE NEW MEXICO

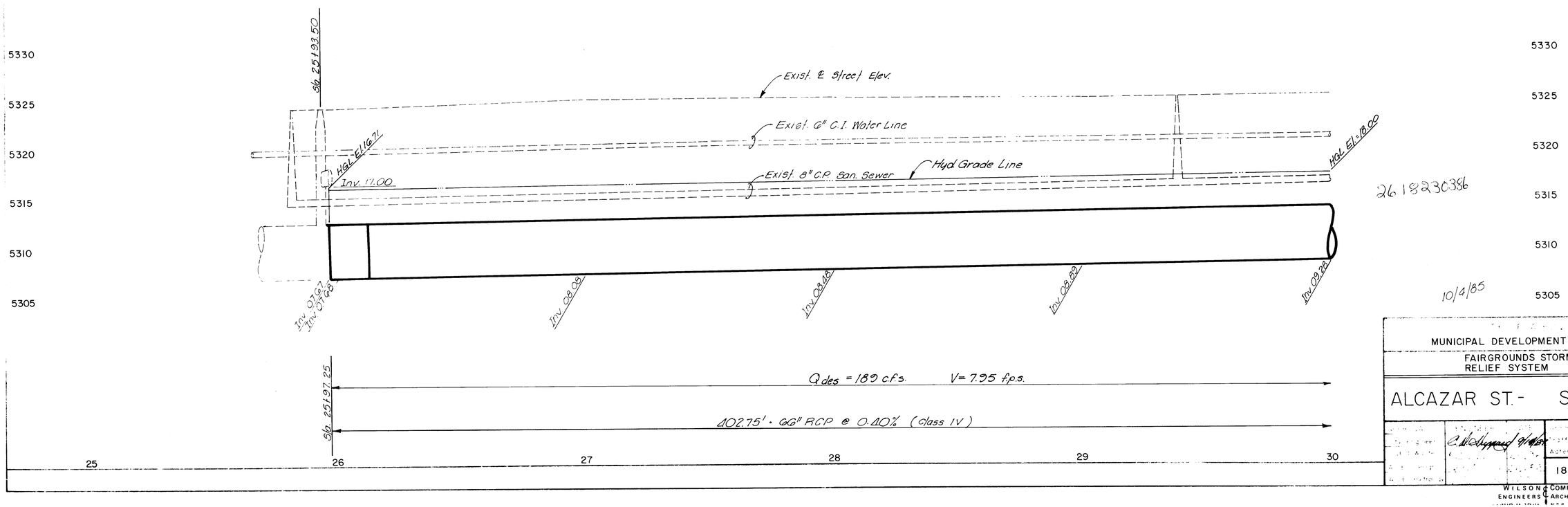
83-508



ALCAZAR STREET SE

FOR WATER, SEWER & PAVEMENT REPLACEMENT SEE SHEET 14

SCALE IN FEET



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MUNICIPAL DEVELOPMENT DEPARTMENT

FAIRGROUNDS STORM WATER RELIEF SYSTEM PHASE II

ALCAZAR ST.- STORM DRAIN

1823 SHEET 3 OF 28

WILSON & COMPANY ENGINEERS & ARCHITECTS

WCEA 83-508

REVISIONS

New Concepts WCEA 1-8-85

WCEA 9/85

WCEA 10/85

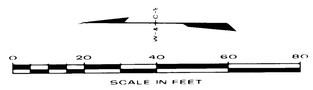
INFORMATION

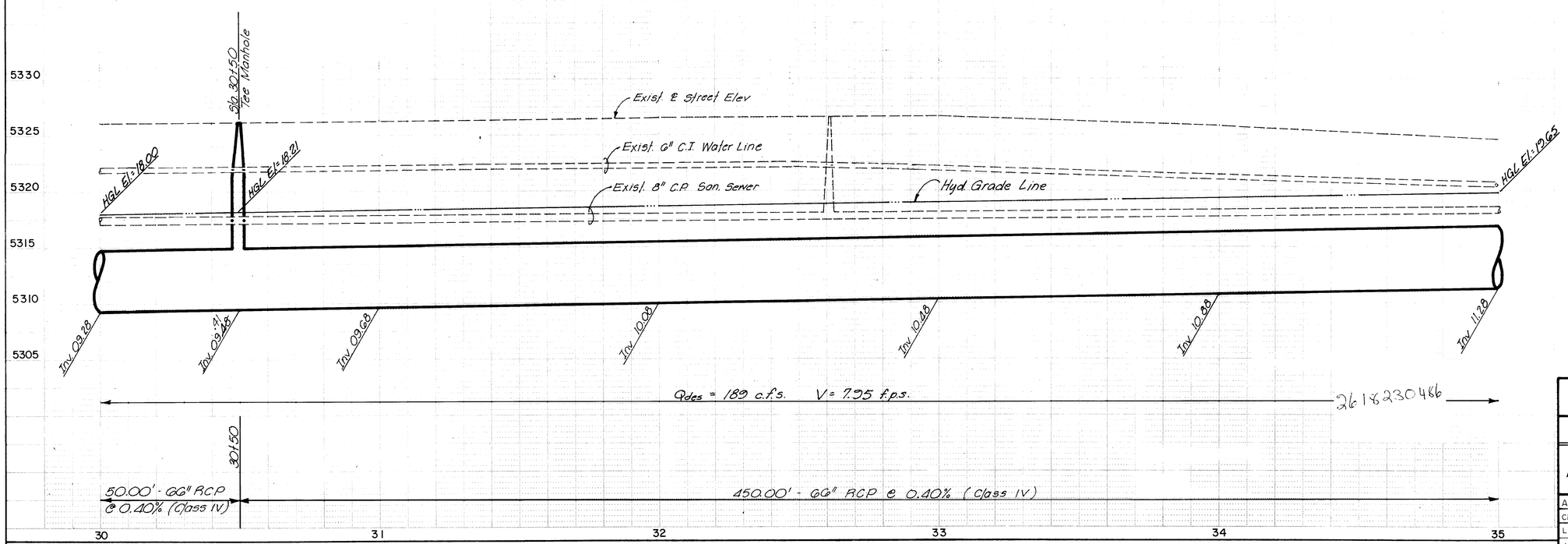
Basis of Mark - Square chiseled on the North end of the Northwest Curb Return of East Central and Alcazar St. Elevation = 5324.87

K-19-Z

ALCAZAR STREET SE

FOR WATER, SEWER & PAVEMENT REPLACEMENT SEE SHEET 15





10/4/85

BENCH MARKS

Bench Mark - Square chiseled on the Right Curb at Sta 32+00 of Alcazar Street SE - Elevation = 5326.40

REFERENCES

MAP NO. K-19-Z

NO	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY: WILSON & CO., ENG. DATE:
DRAWN BY DATE:
CHECKED BY: DATE:

NEW INFORMATION	New Concepts WCEA 1-8-85
	WCEA 9/85
	WCEA 10/85
NEW INFORMATION	

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT

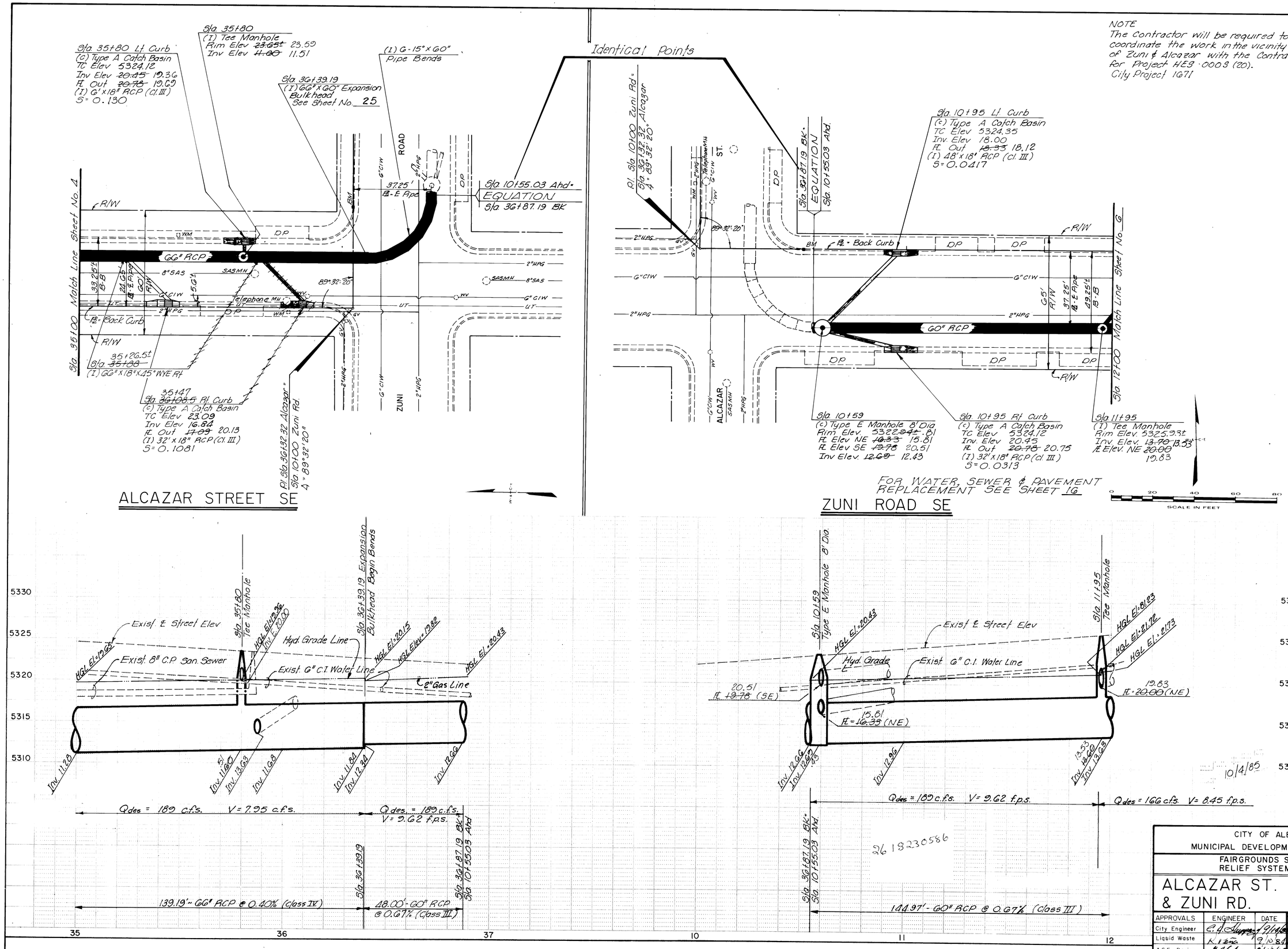
FAIRGROUNDS STORM WATER RELIEF SYSTEM PHASE II

ALCAZAR ST.- STORM DRAIN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[illegible]	9/6/84	Traffic	N/A DWH	9/5/84
Liquid Waste	[illegible]	9/10/84	Water	[illegible]	9/10/84
A.C.E. - Design	[illegible]	9/10/84	1823	SHEET 4 OF 28	
A.C.E. - Hydrology	[illegible]	9/5/84			

WILSON & COMPANY
ENGINEERS & ARCHITECTS

WCEA 83-508



AS BUILT INFORMATION

CONTRACTOR	New Concepts	
WORK STAKED BY	WCEA	DATE 8/85
INSPECTOR'S ACCEPTANCE BY		DATE
VERIFIED FIELD CONDITIONS BY	WCEA	DATE 9/85
DRAWINGS CORRECTED BY	WCEA	DATE 10/85
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO.		

BENCH MARKS

Bench Mark - Square chiseled on the East End of the Northeast Curb Return of Alcazar St. and Zuni Rd. SE
Elevation = 5323.63

REFERENCES
MAP NO. K & L-19 Z

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGNED BY: WILSON & CO., ENG. DATE
DRAWN BY: DATE
CHECKED BY: DATE

10/4/85

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
FAIRGROUNDS STORM WATER RELIEF SYSTEM PHASE II

ALCAZAR ST. & ZUNI RD. — STORM DRAIN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Traffic		
Liquid Waste		9/10/84	Water		9/10/84
A.C.E. - Design		9/10/84			
A.C.E. - Hydrology					

1823 SHEET 5 OF 28

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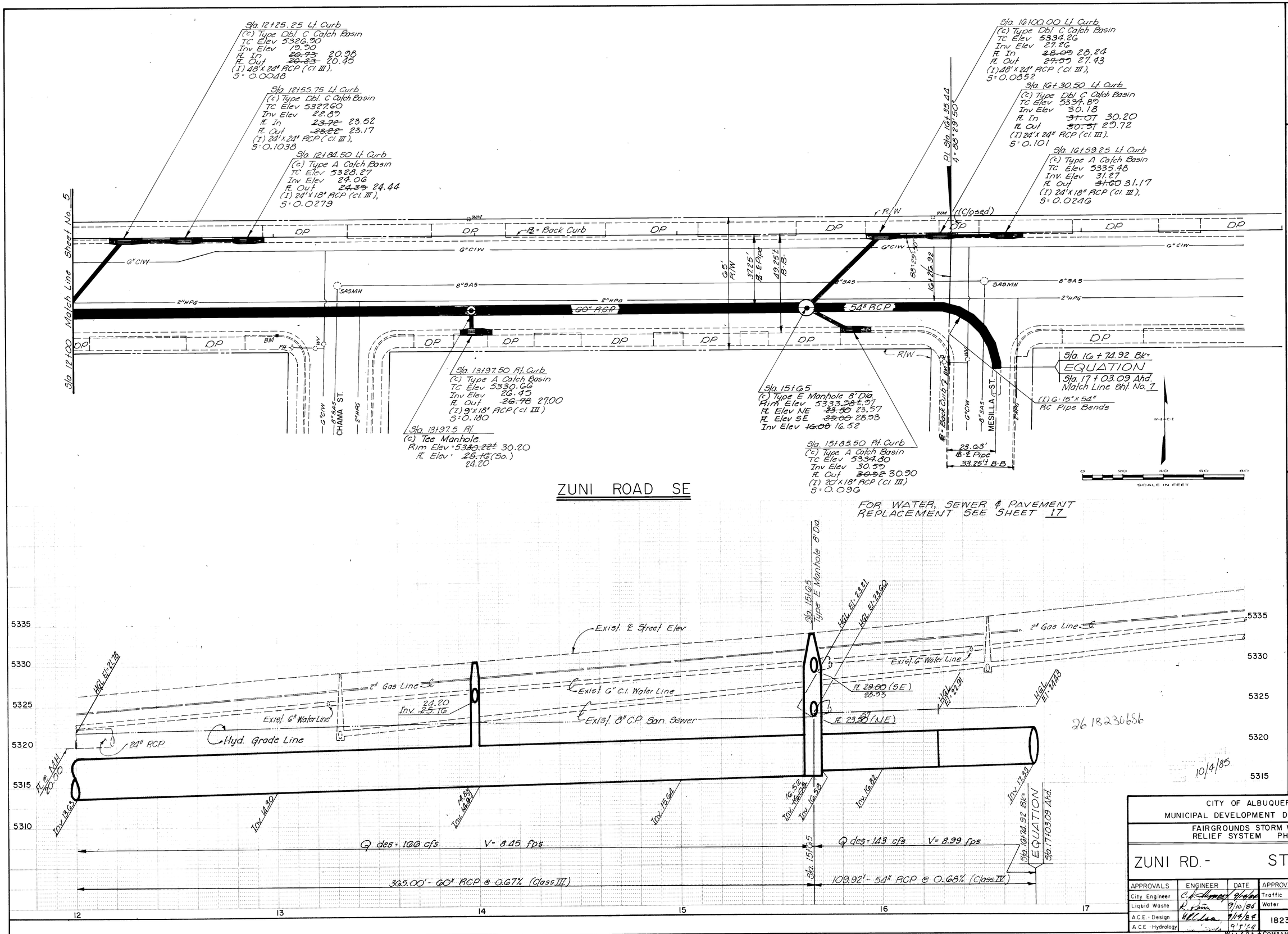


AS BUILT INFORMATION

CONTRACTOR	New Concepts	
WORK STAKED BY / INSPECTOR'S ACCEPTANCE BY	WCEA	DATE 8/85
VERIFICATION BY	WCEA	DATE 9/85
DRAWINGS CORRECTED BY	WCEA	DATE 10/85
MICRO-FILM INFORMATION		DATE
RECORDED BY		
NO.		

BENCH MARKS

Bench Mark ~ Square chiseled on the West End of the Southwest Curb Return of Zuni Rd and Chama St. SE
Elevation - 5328.61

Bench Mark ~ Square chiseled on the South End of the Southwest Curb Return of Zuni Rd. and Mesilla St. SE
Elevation - 5336.41

REFERENCES
MAP NO. L-19-Z

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY: WILSON & CO., ENG. DATE
DRAWN BY: DATE
CHECKED BY: DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT

FAIRGROUNDS STORM WATER RELIEF SYSTEM PHASE II

ZUNI RD. - STORM DRAIN

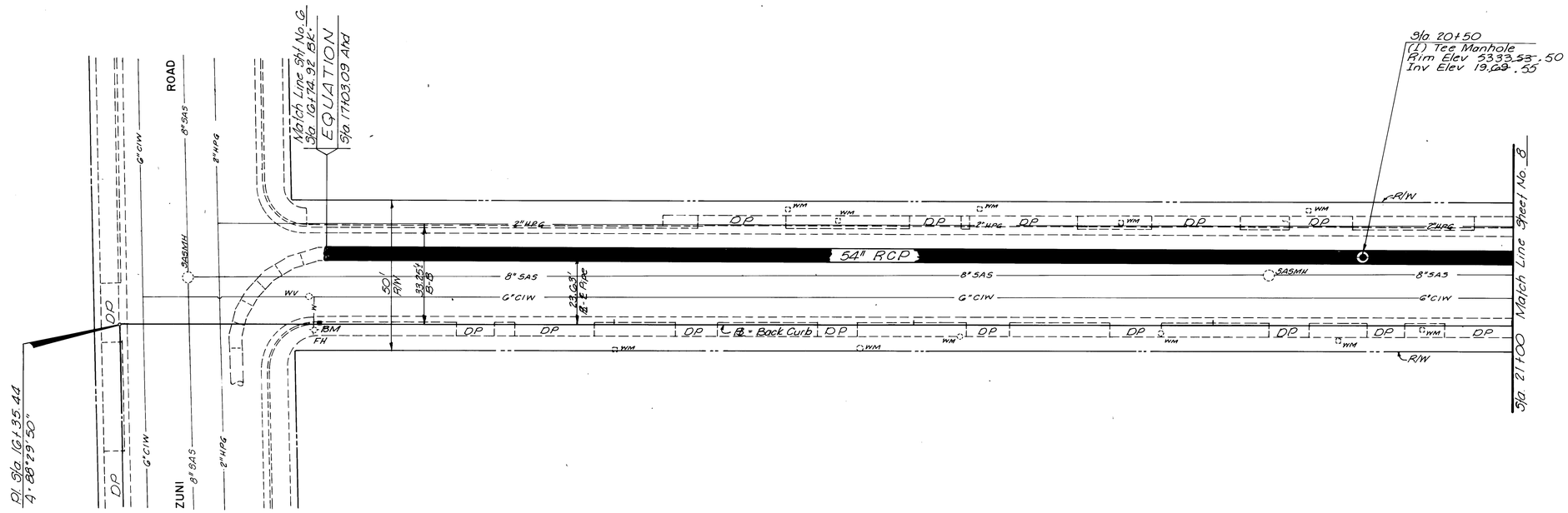
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	C. A. Hymer	9/9/84	Traffic	N/A Draft	9/5/84
Liquid Waste	R. Sims	9/10/84	Water	R. Sims	9/10/84
A.C.E. - Design	H. Wilson	9/4/84			
A.C.E. - Hydrology		9/5/84			

1823

SHEET 6 OF 28

WILSON & COMPANY
ENGINEERS ARCHITECTS
ALBUQUERQUE, NEW MEXICO

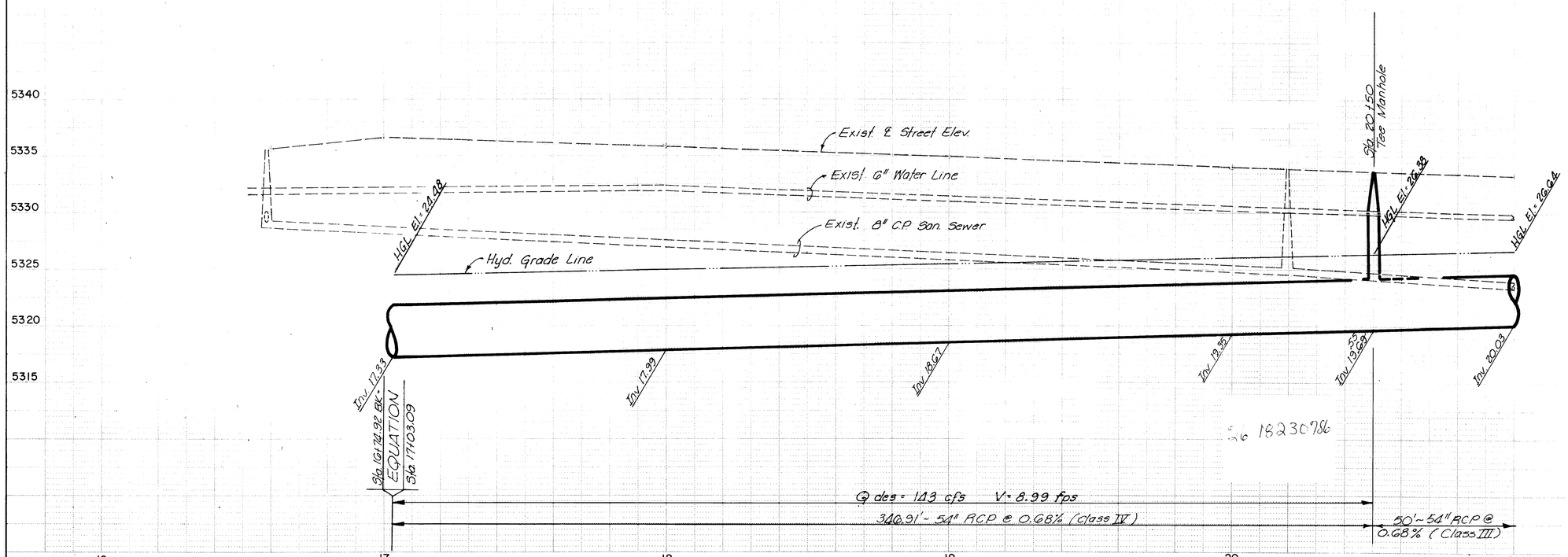
WCEA 83-508



MESILLA STREET SE

FOR WATER, SEWER & PAVEMENT REPLACEMENT SEE SHEET 18

SCALE IN FEET



10/4/85

AS BUILT INFORMATION		
CONTRACTOR	New Concepts	
WORK STAKED BY	WCEA	DATE 8/85
INSPECTOR'S ACCEPTANCE BY		DATE
VERIFICATION BY	WCEA	DATE 9/85
CORRECTIONS BY	WCEA	DATE 10/85
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO.		

BENCH MARKS

Bench Mark ~ Square chiseled on the South End of the Southwest Curb Return of Zuni Rd and Mesilla St. Elevation = 5336.41

REFERENCES

MAP NO L-19-Z

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN

DESIGNED BY: WILSON & CO., ENG. DATE
DRAWN BY DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT

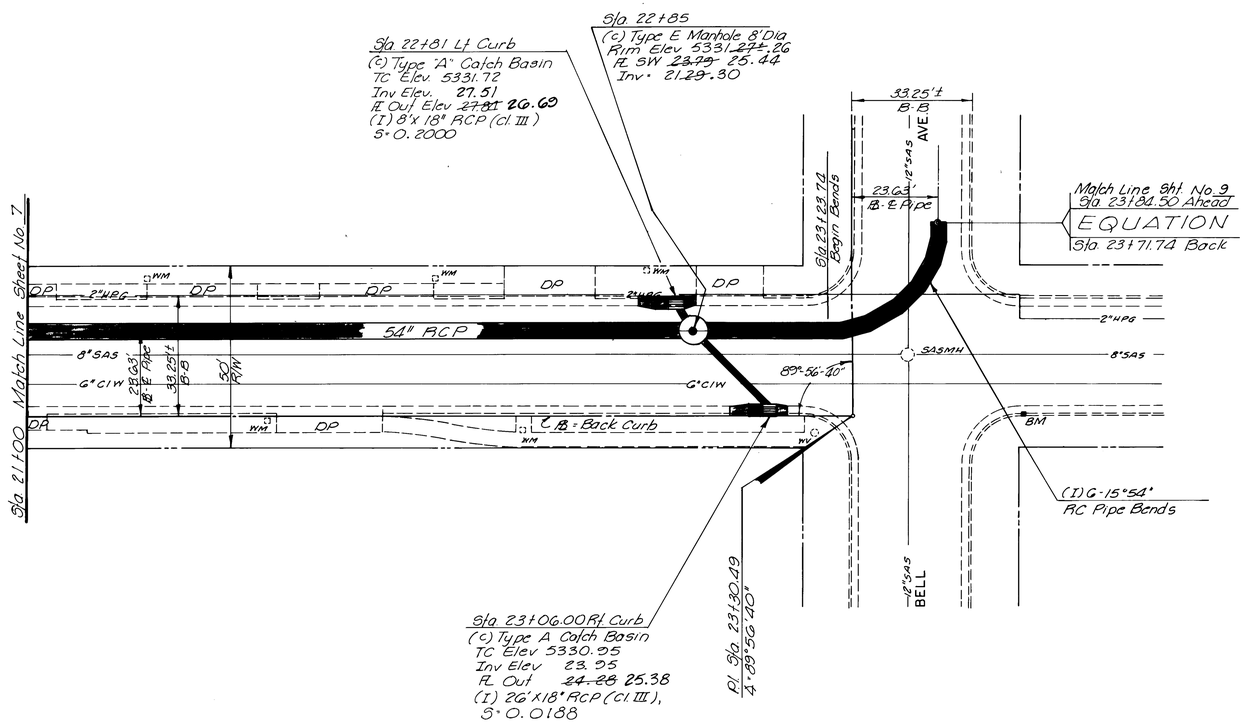
FAIRGROUNDS STORM WATER RELIEF SYSTEM PHASE II

MESILLA ST. - STORM DRAIN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[illegible]	9/14/84	Traffic	[illegible]	9/5/84
Liquid Waste	[illegible]	9/12/84	Water	[illegible]	9/10/84
A.C.E. - Design	[illegible]	9/14/84	1823	SHEET 7 OF 28	
A.C.E. - Hydrology	[illegible]	9/5/84			

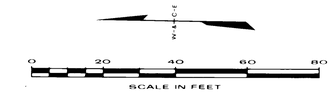
WILSON & COMPANY
ENGINEERS & ARCHITECTS

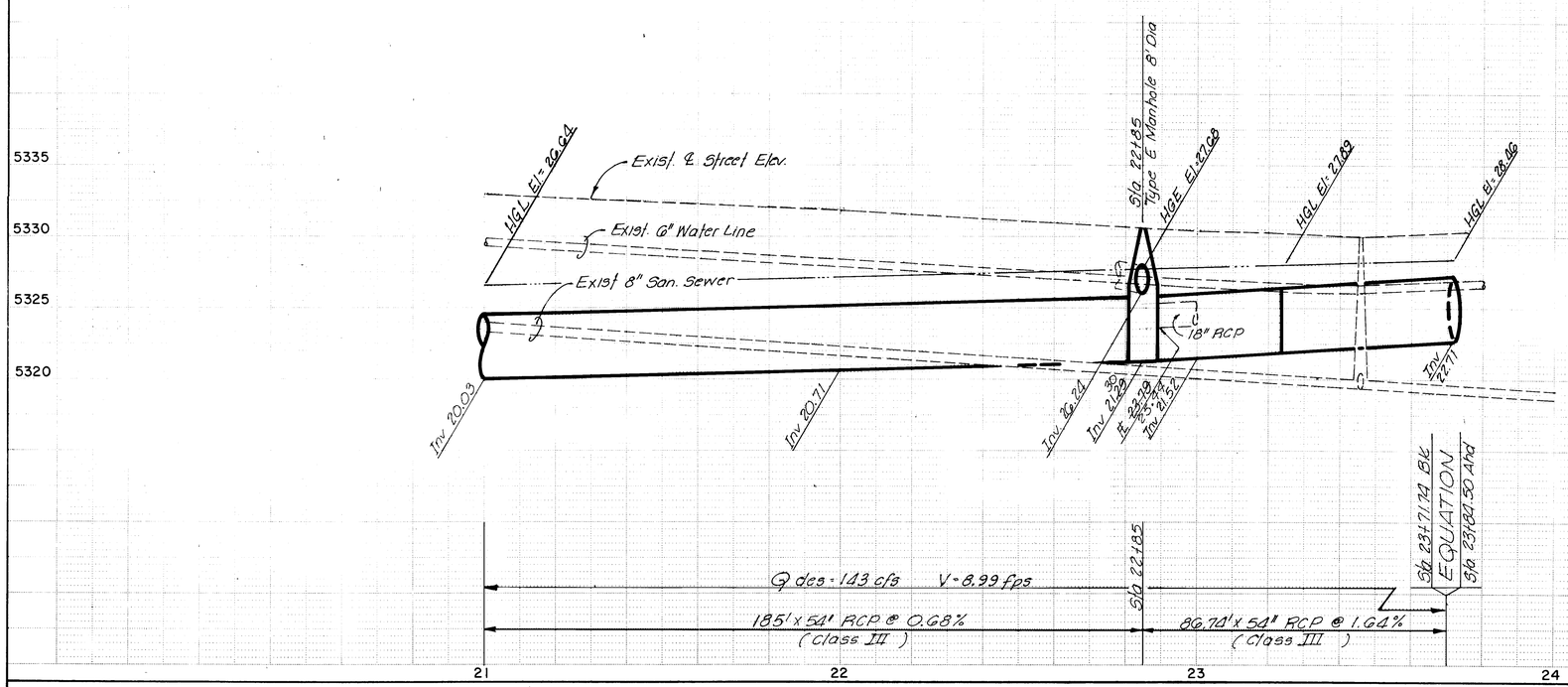
WCEA 83-508



MESILLA STREET SE

FOR WATER, SEWER & PAVEMENT REPLACEMENT SEE SHEET 19





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10/4/85

AS BUILT INFORMATION		
CONTRACTOR	New Concepts	
WORK STAKED BY	WCEA	DATE 8/85
INSPECTOR'S ACCEPTANCE BY		DATE
FIELD VERIFICATION BY	WCEA	DATE 9/85
DRAWINGS CORRECTED BY	WCEA	DATE 10/85
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO.		

BENCH MARKS

Bench Mark - Square chiseled on the South End of the Southwest Curb Return of Mesilla St. and Bell Ave. SE
Elevation = 5330.88

REFERENCES

MAP NO. L-19-Z

F. SYKES MONTOYA NEW MEXICO REGISTERED PROFESSIONAL ENGINEER

NO	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY: WILSON & CO., ENG. DATE
DRAWN BY DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT

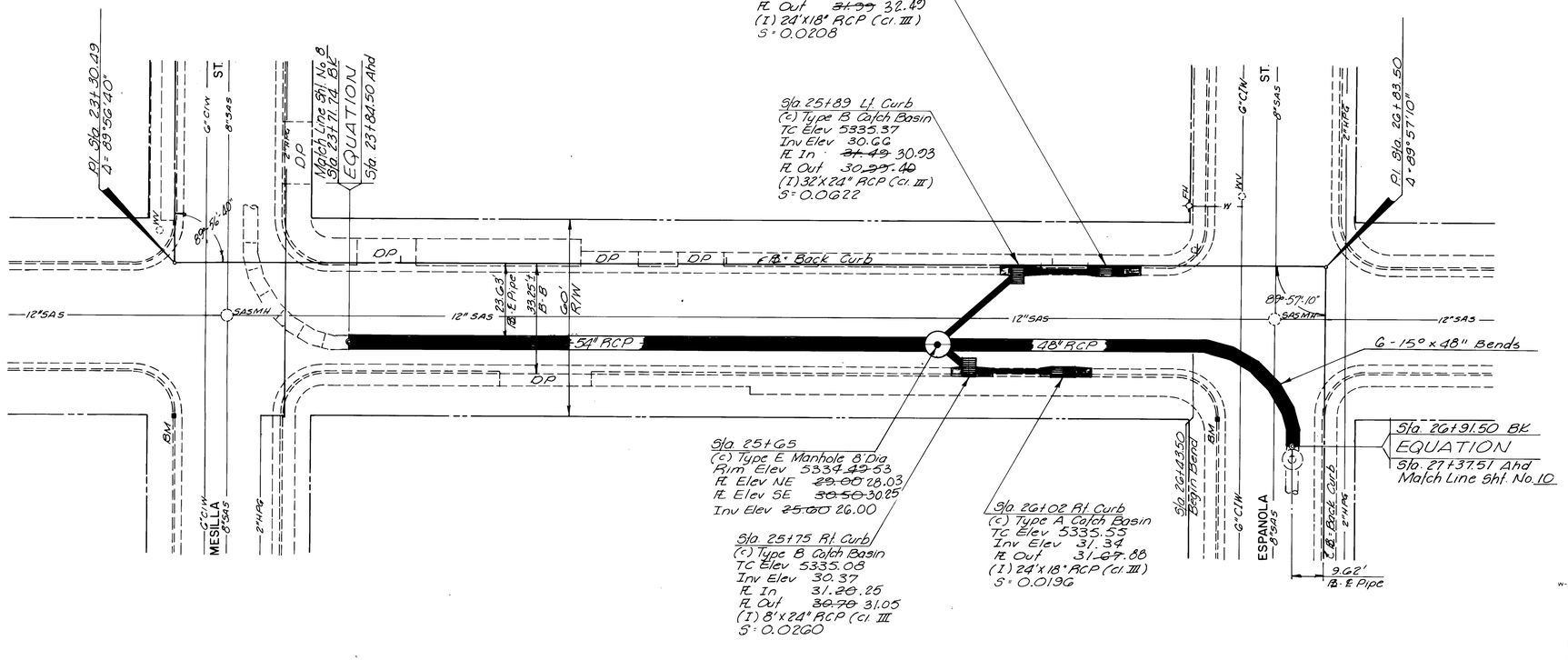
FAIRGROUNDS STORM WATER RELIEF SYSTEM PHASE II

MESILLA ST. - STORM DRAIN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		9/10/84	Traffic		9/10/84
Liquid Waste		9/10/84	Water		9/10/84
A.C.E. - Design		9/10/84	1823	SHEET 8	OF 28
A.C.E. - Hydrology		9/5/84			

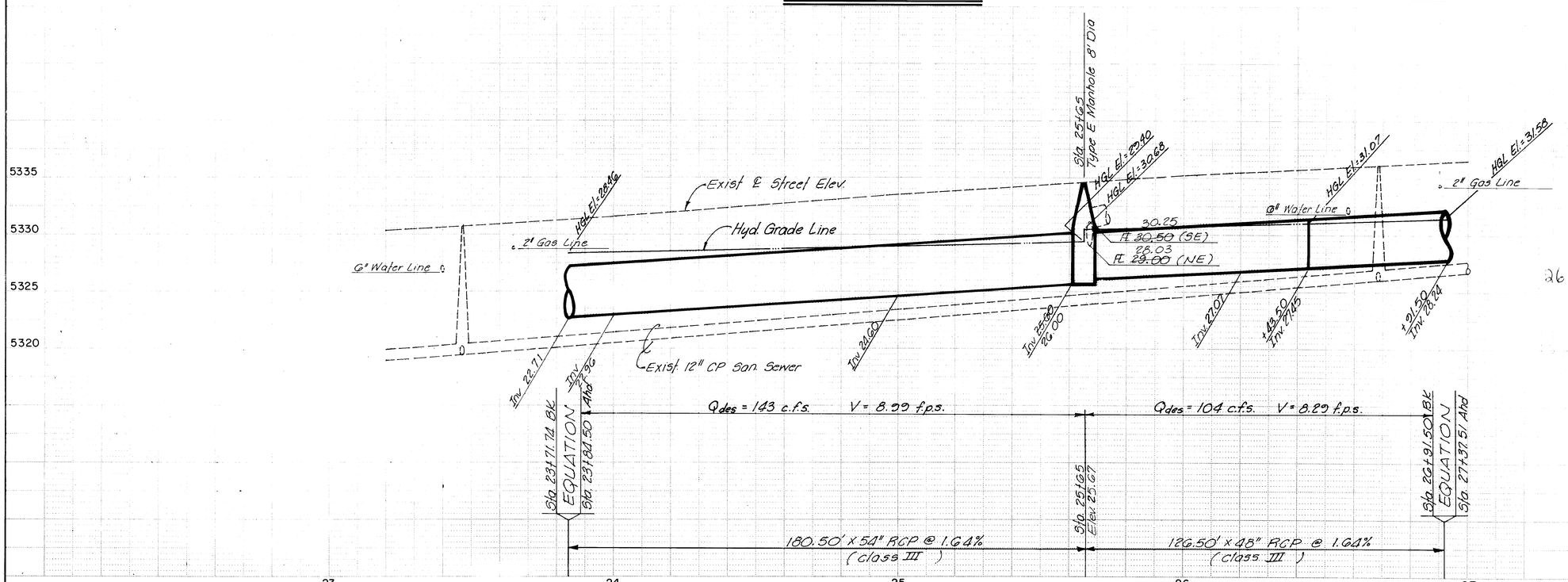
WILSON & COMPANY
ENGINEERS & ARCHITECTS

WCEA 83-508



BELL AVENUE SE

FOR WATER, SEWER & PAVEMENT REPLACEMENT SEE SHEET 20



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10/4/85

AS BUILT INFORMATION		
CONTRACTOR	New Concepts	
WORK STAKED BY	WCEA	DATE 1-8-85
INSPECTOR'S ACCEPTANCE BY		DATE
FIELD VERIFICATION BY	WCEA	DATE 3-1-85
DRAWINGS CORRECTED BY	WCEA	DATE 10-1-85
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO.		

BENCH MARKS

Bench Mark ~ Square chiseled on the South End of the Southwest Curb Return of Bell Ave. and Mesilla St. SE
Elevation = 5330.88

Bench Mark ~ Square chiseled on the South End of the Southwest Curb Return of Bell Ave and Espanola St. SE
Elevation = 5336.45

REFERENCES

MAP NO. Z-19-Z

NO	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY: WILSON & CO., ENG. DATE
DRAWN BY: DATE
CHECKED BY: DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
FAIRGROUNDS STORM WATER RELIEF SYSTEM PHASE II

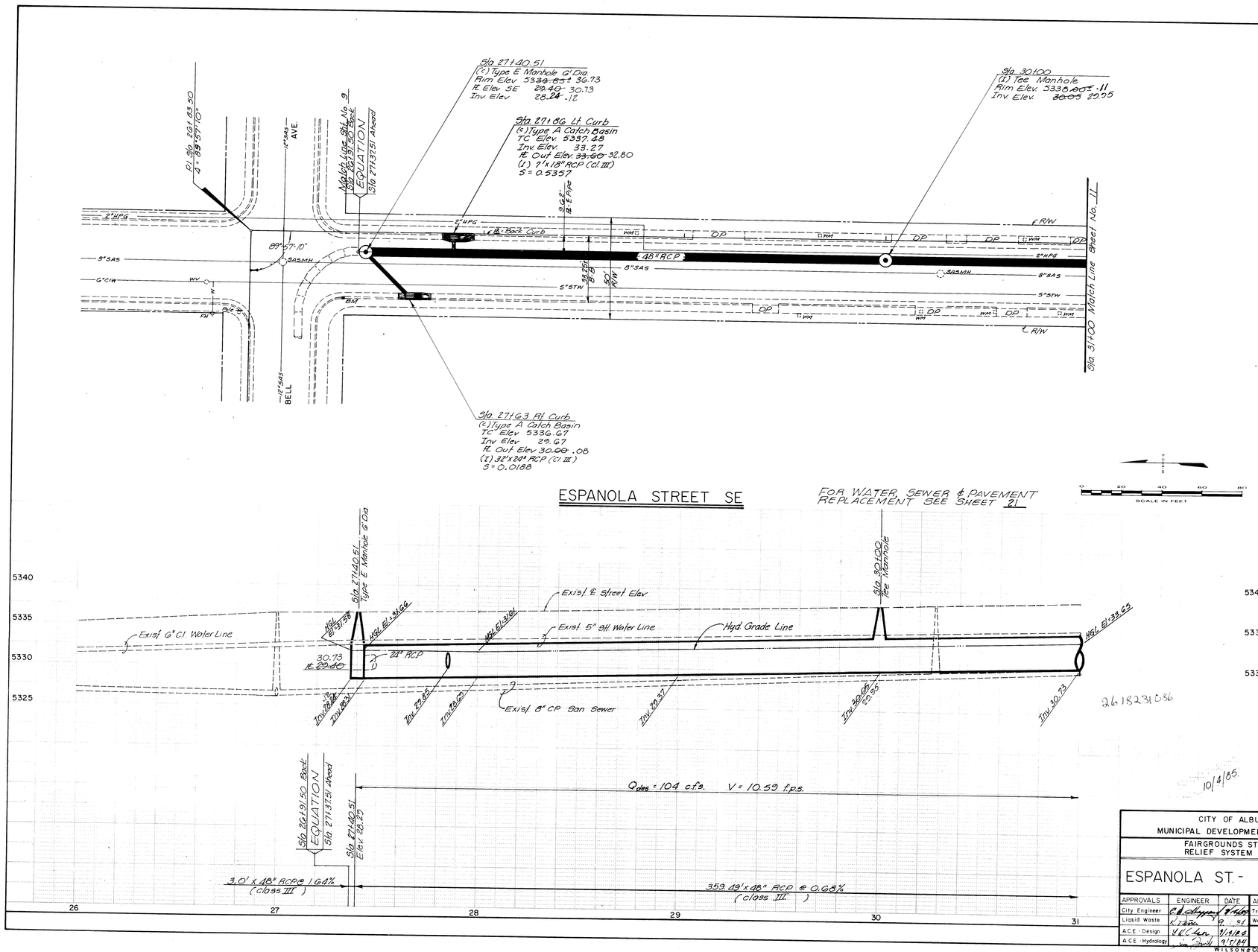
BELL AVE.- STORM DRAIN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[illegible]	9/4/84	Traffic	[illegible]	9/6/84
Liquid Waste	[illegible]	9/10/84	Water	[illegible]	9/10/84
A.C.E. - Design					
A.C.E. - Hydrology	[illegible]	9/5/84			

1823 SHEET 9 OF 28

WILSON & COMPANY
ENGINEERS ARCHITECTS
ALBUQUERQUE NEW MEXICO

WCEA 83-508



ESPANOLA STREET SE

FOR WATER, SEWER & PAVEMENT REPLACEMENT SEE SHEET 21

AS BUILT INFORMATION

CONTRACTOR	New Concepts	
STAKED BY	WCEA	DATE 10/85
REPORTED BY		DATE
ACCEPTANCE BY		
VERIFICATION BY	WCEA	DATE 10/85
DRAWING BY		
CHECKED BY	WCEA	DATE 10/85
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO.		

BENCH MARKS

Bench Mark – Square chiseled on the South End of the Southwest Curb Return of Espanola St. and Bell Ave. SE
Elevation: 5336.45

REFERENCES

MAP NO. L-19-Z

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGNED BY WILSON & CO., ENG. DATE
DRAWN BY DATE
CHECKED BY DATE

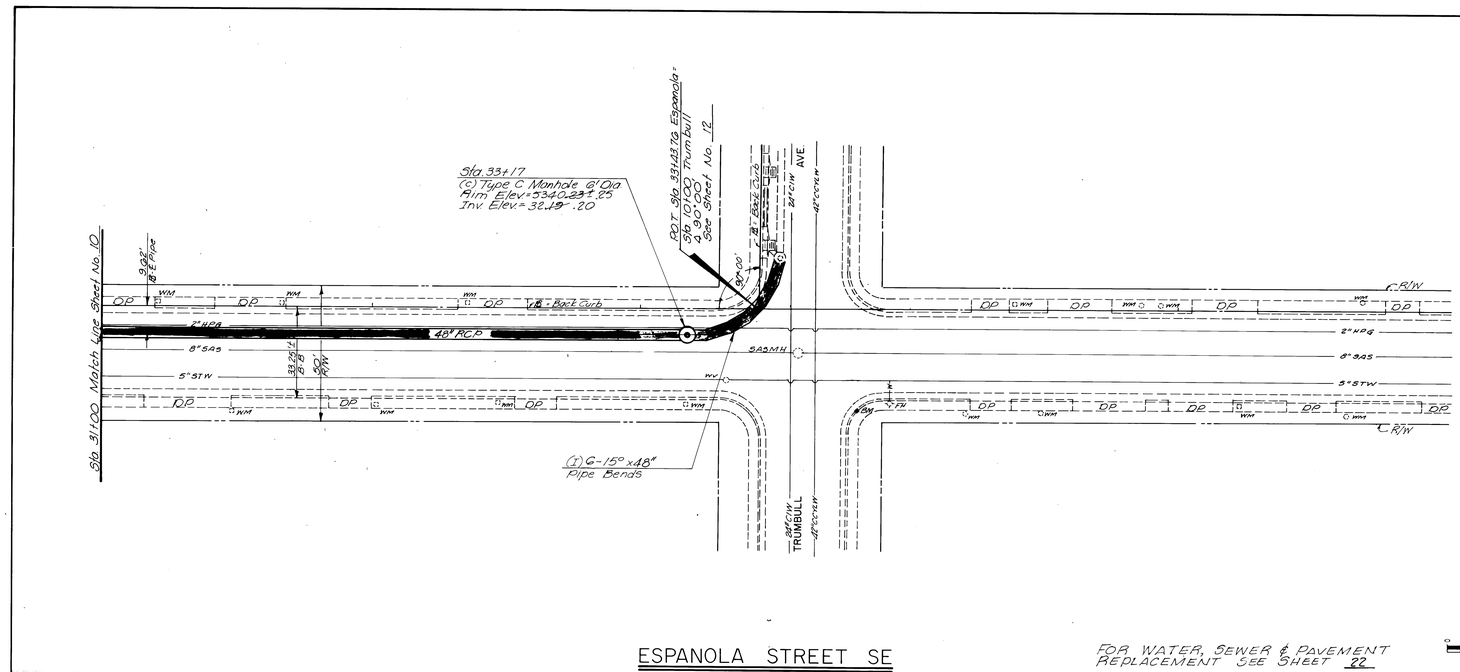
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
FAIRGROUNDS STORM WATER RELIEF SYSTEM PHASE II

ESPANOLA ST. - STORM DRAIN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Traffic	N.A. Duff	9/5/84
Liquid Waste		9-5-84	Water		9/10/84
A.C.E. - Design		9/7/84	1823	SHEET 10 OF 28	
A.C.E. - Hydrology		9/7/84			

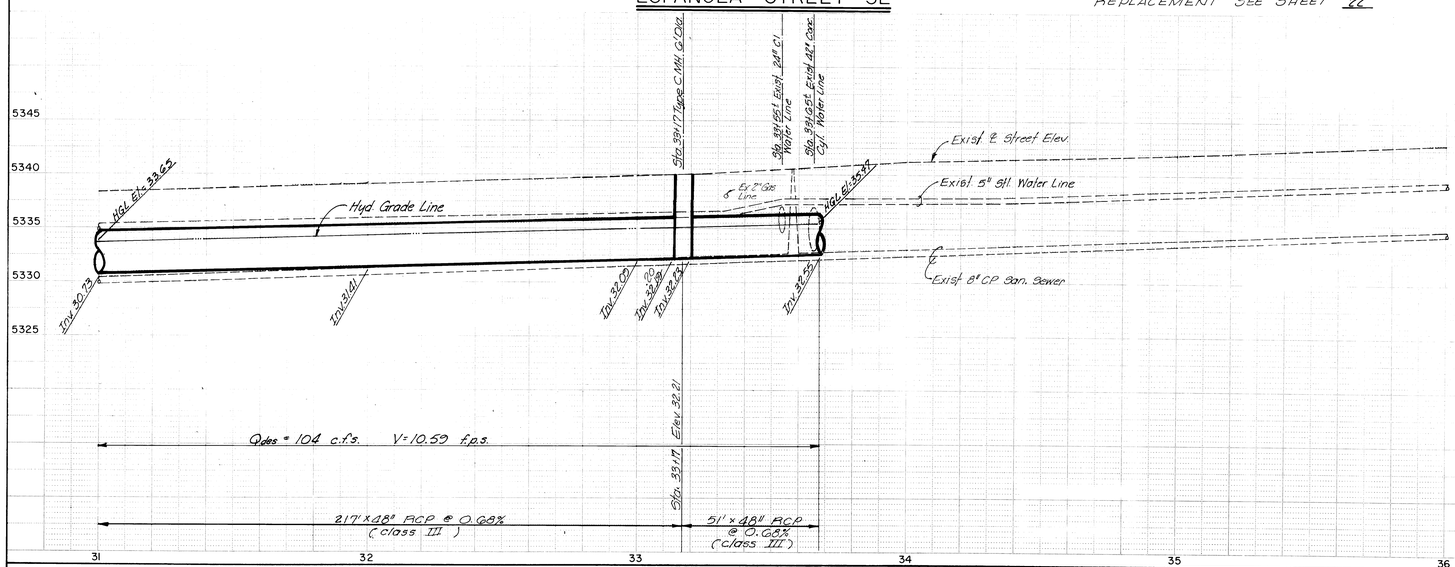
WILSON & COMPANY
ENGINEERS & ARCHITECTS
NEW MEXICO

WCEA 83-508



ESPANOLA STREET SE

FOR WATER, SEWER & PAVEMENT REPLACEMENT SEE SHEET 22



26182 31186

10/4/89

AS BUILT INFORMATION

CONTRACTOR	New Concepts	
WORK STAKED BY	WCEA	DATE 9/85
WORK STAKED ACCEPTANCE BY		DATE
VERIFICATION OF GRADES BY	WCEA	DATE 9/85
CONTROL BY	WCEA	DATE 9/85

MICRO-FILM INFORMATION

RECORDED BY DATE

NO

BENCH MARKS

Bench Mark - Square chiseled on the Middle of the Southwest Curb Return of Espanola St and Trumbull Ave. SE
Elevation: 5340.83

REFERENCES

MAP NO. L-13-Z

NO	DATE	REMARKS	BY
		REVISIONS	

DESIGN

DESIGNED BY WILSON & CO. ENG. DATE
DRAWN BY DATE
CHECKED BY DATE

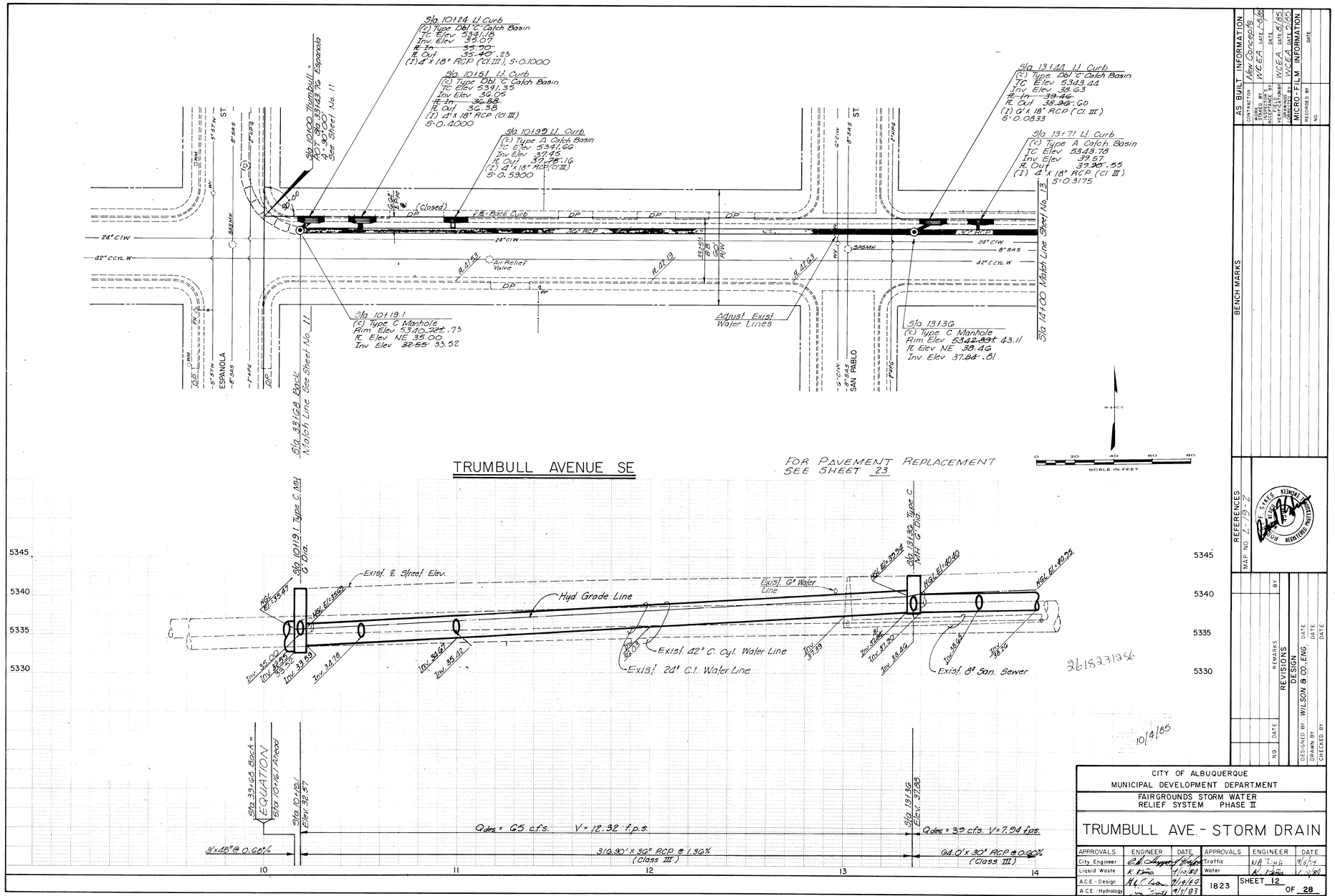
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
FAIRGROUNDS STORM WATER
RELIEF SYSTEM PHASE II

ESPANOLA ST. - STORM DRAIN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Traffic	NA	2/5/84
Liquid Waste		9/10/84	Water		9/10/84
A.C.E.-Design		2/14/84	1823	SHEET 11	
A.C.E.-Hydrology		7/5/84		OF 28	

WILSON & COMPANY
ENGINEERS & ARCHITECTS

WCEA 83-508



AS BUILT INFORMATION

CONTRACTOR	New Concepts	DATE 4-8-86
RWM & BY	WCEA	DATE 6/85
INSPECTOR'S ACCEPTANCE	WCEA	DATE 7/85
VERIFIED FIELD		
DRAWINGS BY	WCEA	DATE 7/85

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

REFERENCES
MAP NO. L-13-Z

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY: WILSON & CO., ENG. DATE
DRAWN BY DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT

FAIRGROUNDS STORM WATER
RELIEF SYSTEM PHASE II

TRUMBULL AVE. - STORM DRAIN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[illegible]	[illegible]	Traffic	[illegible]	9/5/84
Liquid Waste	K. Peña	7/10/84	Water	K. Peña	7/10/84
A.C.E.-Design	[illegible]	7/19/82			
A.C.E.-Hydrology	[illegible]	9/5/83			

1823

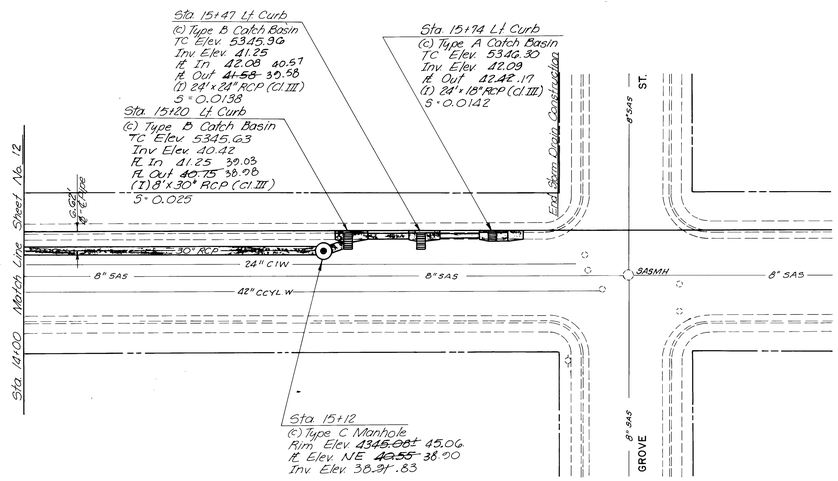
SHEET 12 OF 28

WILSON & COMPANY
ENGINEERS & ARCHITECTS
ALBUQUERQUE NEW MEXICO

WCEA 83-508

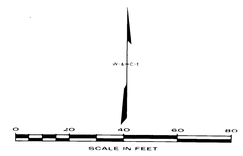
2618231256

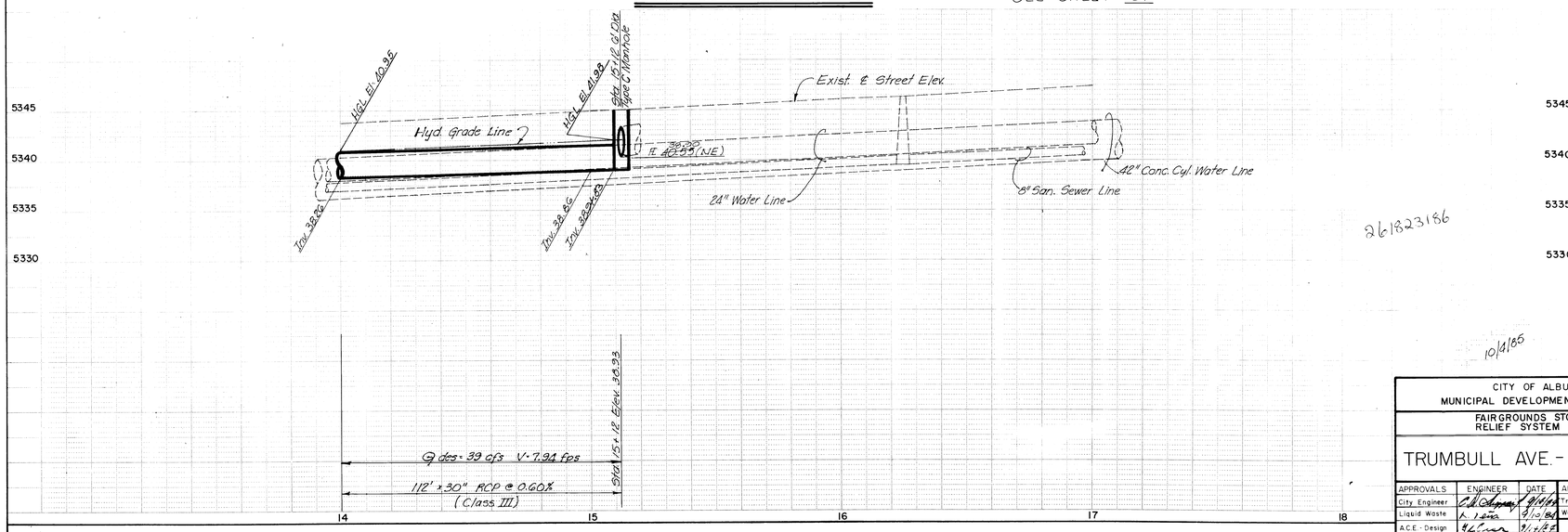
10/4/85



TRUMBULL AVENUE SE

FOR PAVEMENT REPLACEMENT SEE SHEET 24





261823186

10/4/85

AS BUILT INFORMATION	
CONTRACTOR	New Concepts
STAKED BY	WCEA DATE 8/85
INSPECTOR'S ACCEPTANCE BY	
VERIFICATION BY	WCEA DATE 9/85
MICRO-FILM BY	WCEA DATE 11/86
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS

REFERENCES
MAP NO. L-19-Z

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN
DESIGNED BY: WILSON & CO., ENG. DATE
DRAWN BY DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT

FAIRGROUNDS STORM WATER RELIEF SYSTEM PHASE II

TRUMBULL AVE.- STORM DRAIN

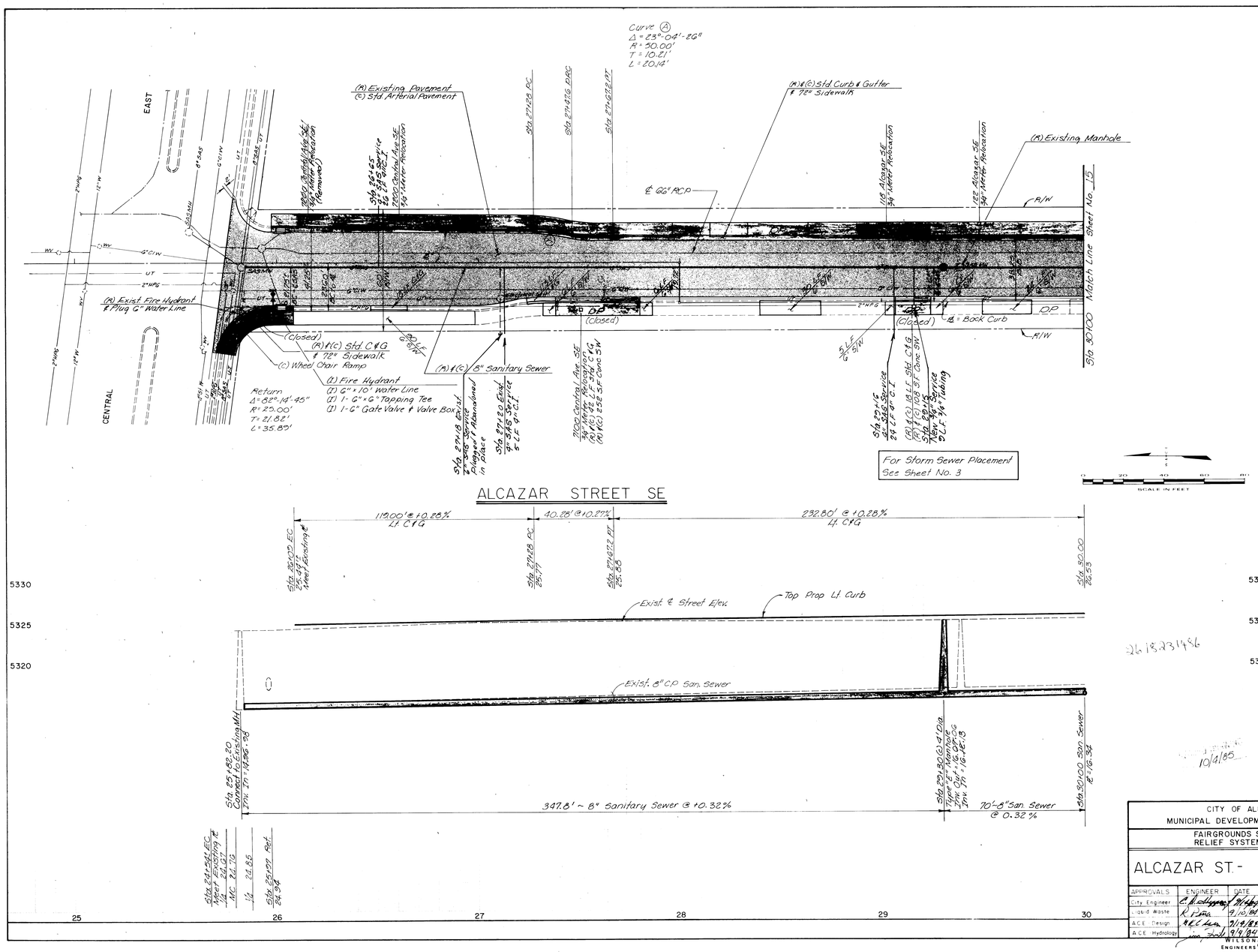
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		9/16/84	Traffic	N.A. Dow	9/13/84
Liquid Waste	R. Lewis	9/10/84	Water	R. Lewis	9/10/84
A.C.E. - Design		9/17/85			
A.C.E. - Hydrology		9/5/84			

1823

SHEET 13 OF 28

WILSON & COMPANY
ENGINEERS ARCHITECTS
ALBUQUERQUE NEW MEXICO

WCEA 83-508



2618231486

10/1/85

AS BUILT INFORMATION		
CONTRACTOR	New Concepts	
WORK STAKED BY	WCEA	DATE 10/9/85
INSPECTOR'S ACCEPTANCE BY	WCEA	DATE 10/9/85
FIELD TEST BY	WCEA	DATE 10/9/85
DRAWINGS CORRECTED BY	WCEA	DATE 10/10/85
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO		

BENCH MARKS

Bench Mark - Square chiseled on the north end of the Northwest Curb Return of East Central and Alcazar St.
Elevation - 5320.87

REFERENCES

MAP NO. R-19-Z

REVISIONS

NO	DATE	REMARKS	BY

DESIGN

DESIGNED BY WILSON & CO. ENG. DATE
DRAWN BY DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT

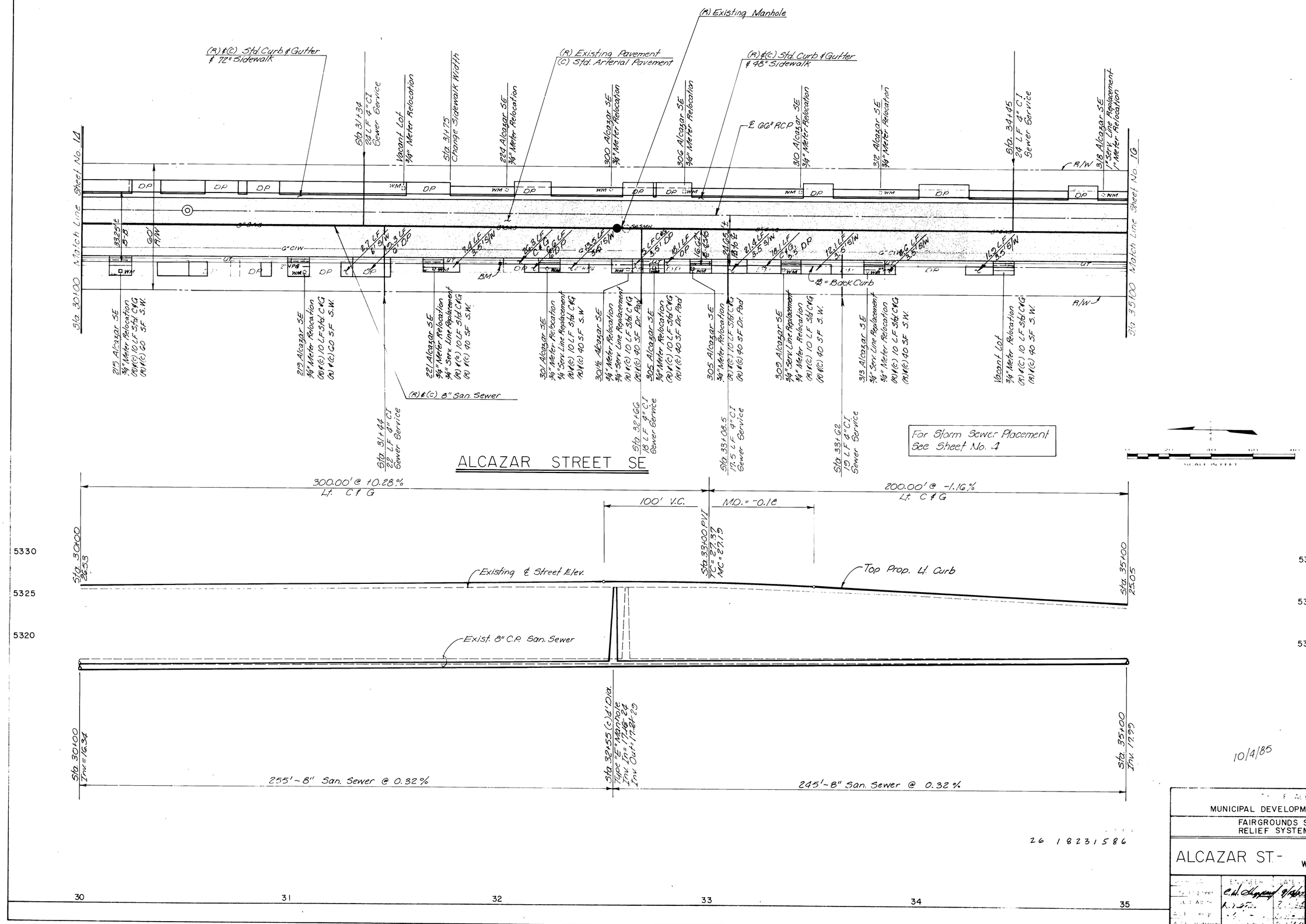
FAIRGROUNDS STORM WATER RELIEF SYSTEM PHASE II

ALCAZAR ST. - PAVING, CURB & GUTTER, WATER, & SANITARY SEWER

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[illegible]	11/1/85	Traffic	UB DeH	9/5/84
Solid Waste	K. Pino	9/10/84	Water	K. Pino	9/10/84
ACE Design	[illegible]	9/14/84	1823	SHEET 14 OF 28	
ACE Hydrology	[illegible]	9/9/84			

WILSON & COMPANY
ENGINEERS & ARCHITECTS
ALBUQUERQUE NEW MEXICO

WCEA 83-508



AS BUILT INFORMATION

New Concepts	JAN 18/85	DATE
WCEA		
WCEA	DATE 9/85	
WCEA	DATE 10/85	

MICRO-FILM INFORMATION

DATE

BENCH MARKS

Bench Mark - Square chiseled on the Right Curb @ Sta. 32+00 of Alcazar Street SE · Elevation = 5326.40

REFERENCES

K-19-Z

REVISIONS

DESIGN WILSON & CO. ENG

DRAWN BY DATE

CHECKED BY DATE

10/4/85

CITY OF ALBUQUERQUE

MUNICIPAL DEVELOPMENT DEPARTMENT

FAIRGROUNDS STORM WATER RELIEF SYSTEM PHASE II

ALCAZAR ST. - PAVING, CURB & GUTTER, WATER, & SANITARY SEWER

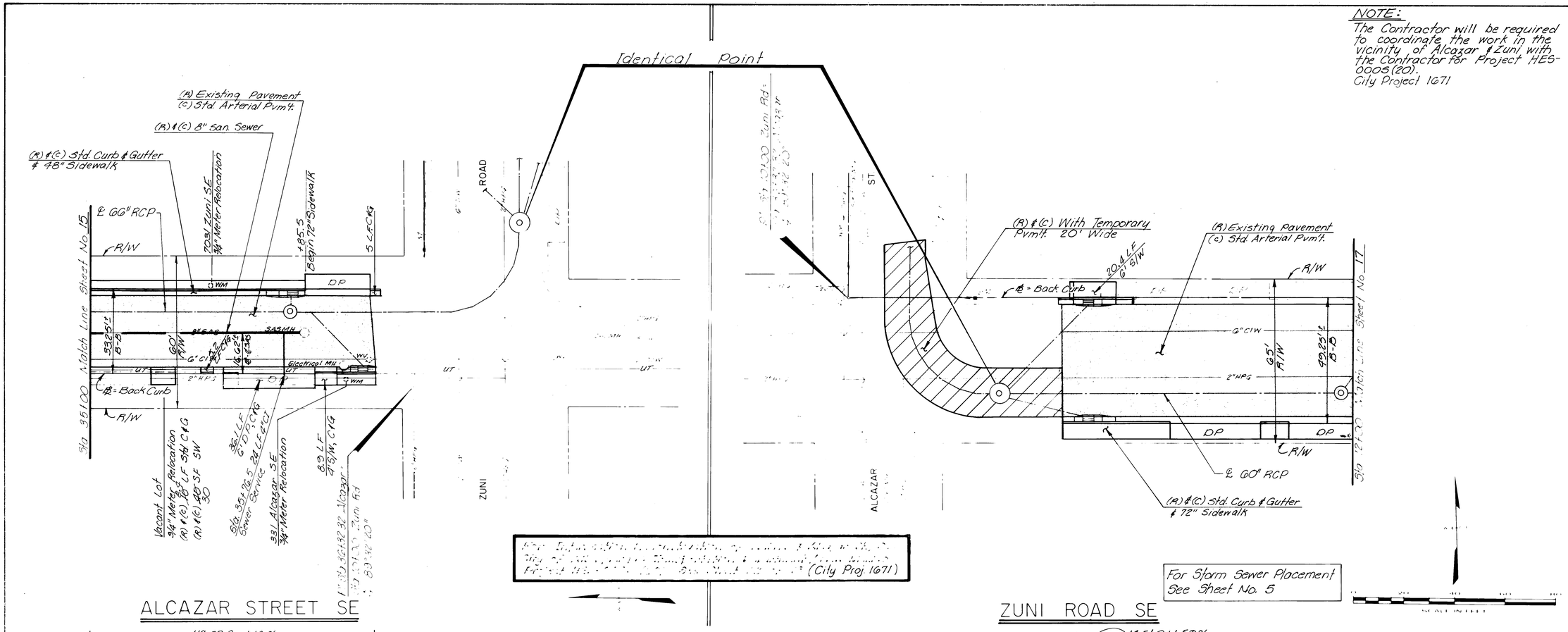
	ENGINEER	DATE	APPROVAL	ENGINEER	DATE
City Engineer	C.H. Sheppard	9/5/84	Traffic		
City Admin.			Water	WADWH	9/5/84
City Engineer					
ACE Hydrology					

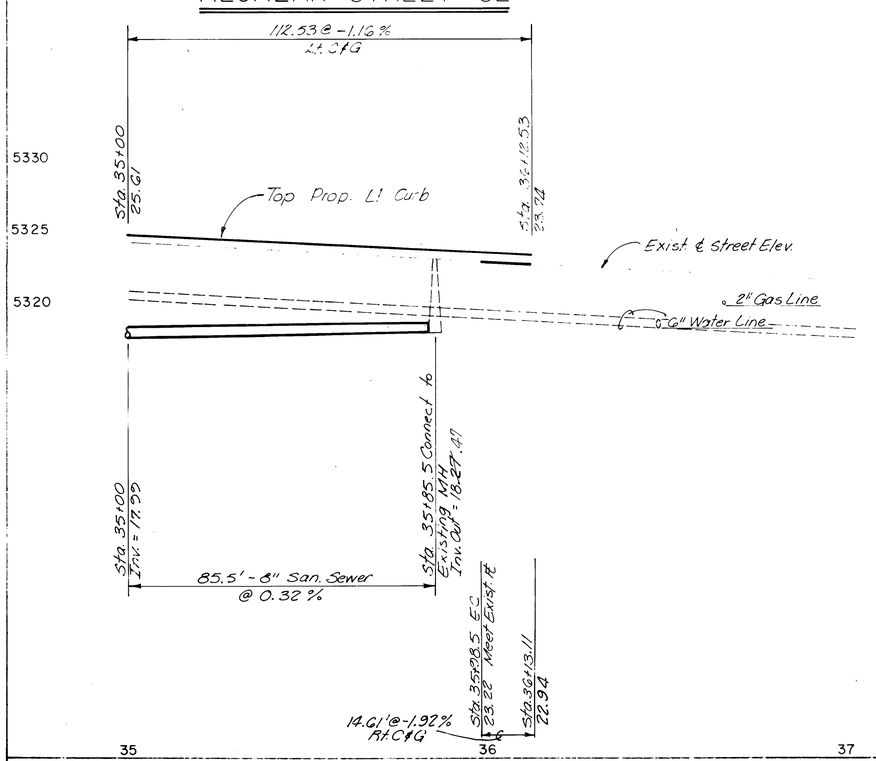
1823 SHEET 15 OF 28

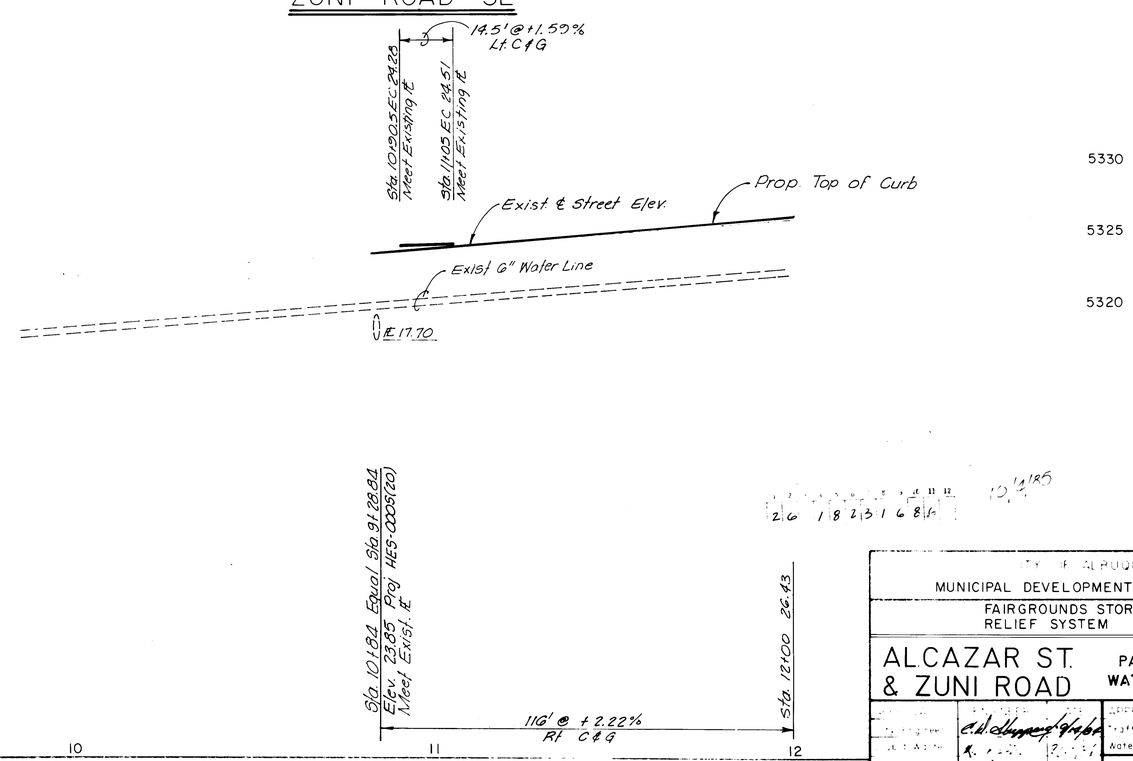
WILSON & COMPANY ENGINEERS & ARCHITECTS

WCEA 83-508

NOTE:
The Contractor will be required to coordinate the work in the vicinity of Alcazar & Zuni, with the Contractor for Project HES-0005(20).
City Project 1671







NOTE: BUILT INFORMATION
New Concepts
WCEA DATE 4/8/85
WCEA DATE 9/85
WCEA DATE 10/85
MICRO-FILM INFORMATION
RECORDED BY
DATE
NO.

BENCH MARKS
Bench Mark ~ Square chiseled on the East End of the Northeast Curb Return of Alcazar & Zuni Rds. SE
Elevation = 5323.23

REFERENCES
K-6-L-19-Z

REVISIONS
DESIGN
WILSON & CO. ENG
DRAWN BY
CHECKED BY
DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
FAIRGROUNDS STORM WATER RELIEF SYSTEM PHASE II

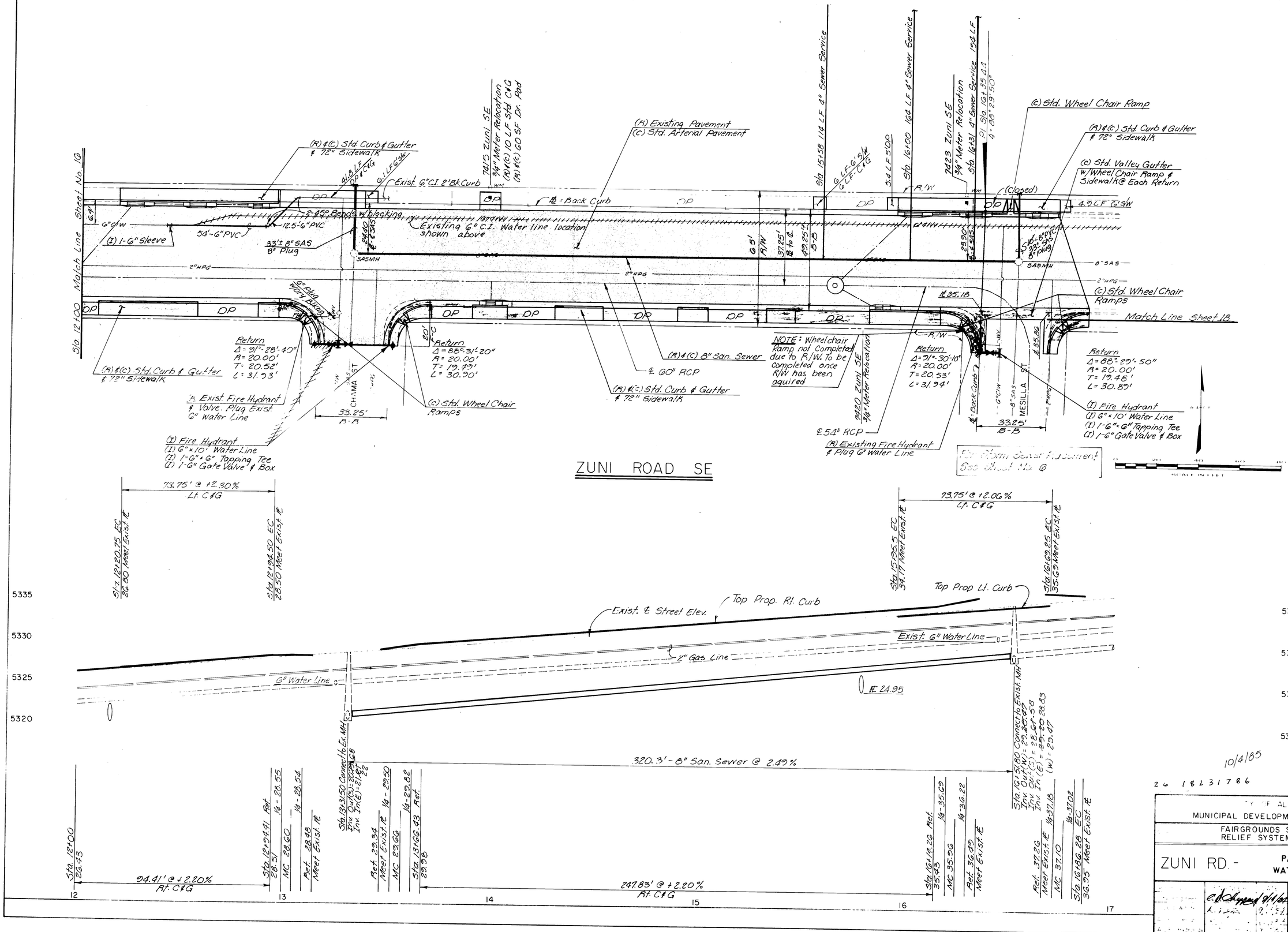
ALCAZAR ST. & ZUNI ROAD

PAVING, CURB & GUTTER
WATER & SANITARY SEWER

Engineer		ENGINEER	DATE
Hydrologist		David W. Hunter	9/5/84
Note			
1823		SHEET 16	OF 28

WILSON & COMPANY
ENGINEERS & ARCHITECTS

WCEA 83-508



AS BUILT INFORMATION
New C.O. WCEA
WCEA
MICRO-FILM INFO

BENCH MARKS
Bench Mark - Square chiseled on the West End of the Southwest Curb Return of Zuni Rd and Chama St SE Elevation - 5328.61
Bench Mark - Square chiseled on the South End of the Southwest Curb Return of Zuni Rd and Mesilla St SE Elevation - 5336.41

REFERENCES
L-19-Z

REVISIONS
DESIGN
WILSON & CO., ENG
DESIGNED BY
DRAWN BY
CHECKED BY
DATE

10/4/85

26 18231786

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
FAIRGROUNDS STORM WATER RELIEF SYSTEM PHASE II

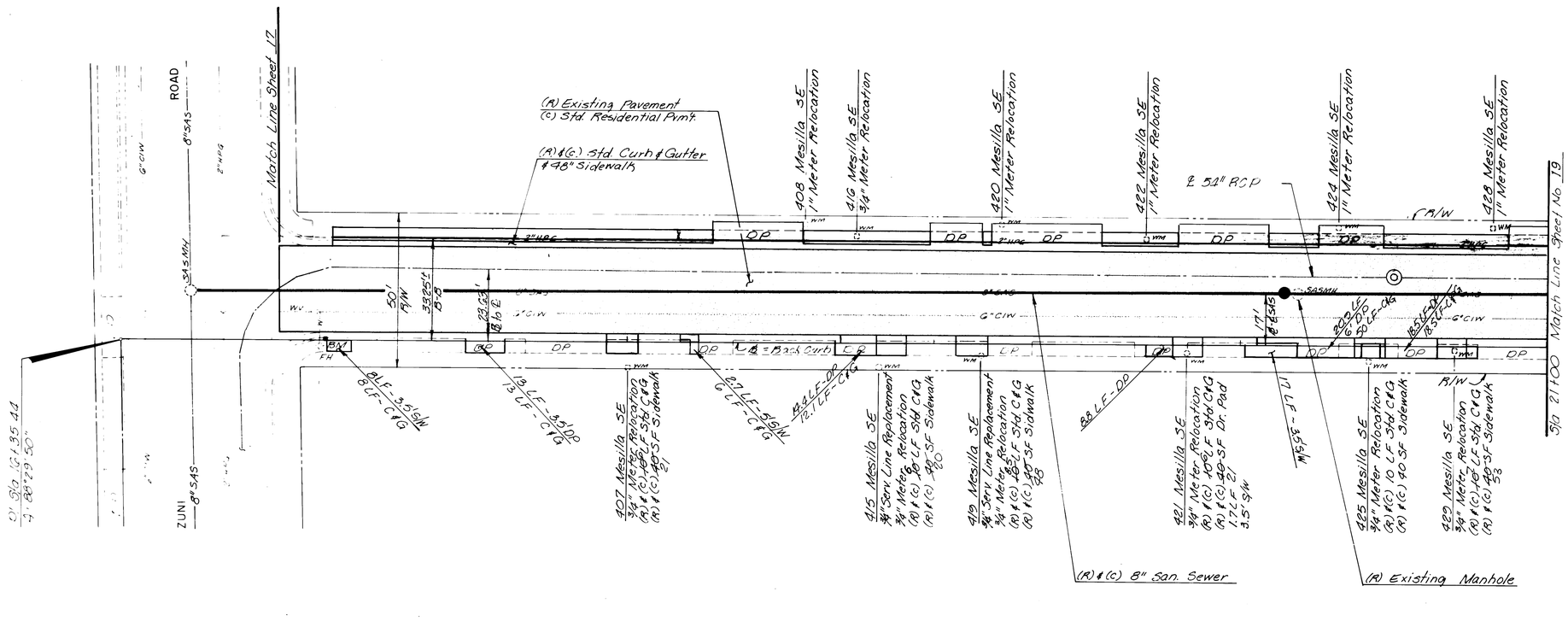
ZUNI RD. - PAVING, CURB & GUTTER, WATER, & SANITARY SEWER

APPROVALS	ENGINEER	DATE
Traffic	David W. Hanson	7/5/84
Water		7/10/84

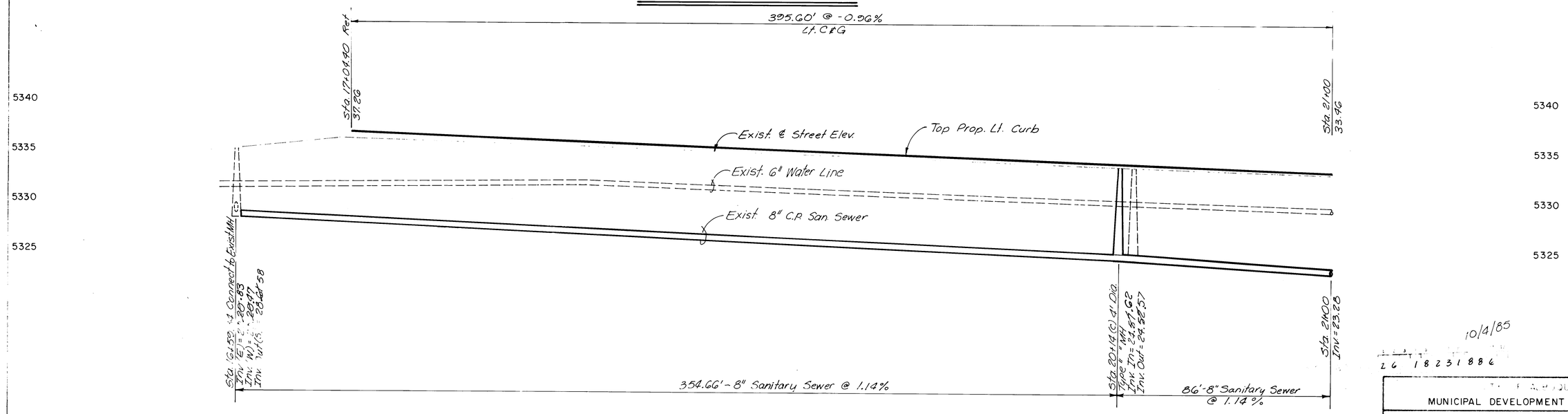
1823 SHEET 17 OF 28

WILSON & COMPANY
ENGINEERS ARCHITECTS
ALBUQUERQUE NEW MEXICO

WCEA 83-508



MESILLA STREET SE



10/4/85

26 18231886

AS BUILT INFORMATION
New Concepts DATE 10-8-85
WCEA DATE 9/85
WCEA DATE 10/85
MICRO-FILM INFORMATION
DATE
NO.

BENCH MARKS
Bench Mark ~ Square chiseled on the South End of the Southwest Curb Return of Zuni Rd and Mesilla St
Elevation = 5336.41

REFERENCES
L-19-Z

ROBERT F. SYKES
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER

REVISIONS
DESIGN
WILSON & CO. ENG
DATE
DATE
DRAWN BY
CHECKED BY

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
FAIRGROUNDS STORM WATER RELIEF SYSTEM PHASE II

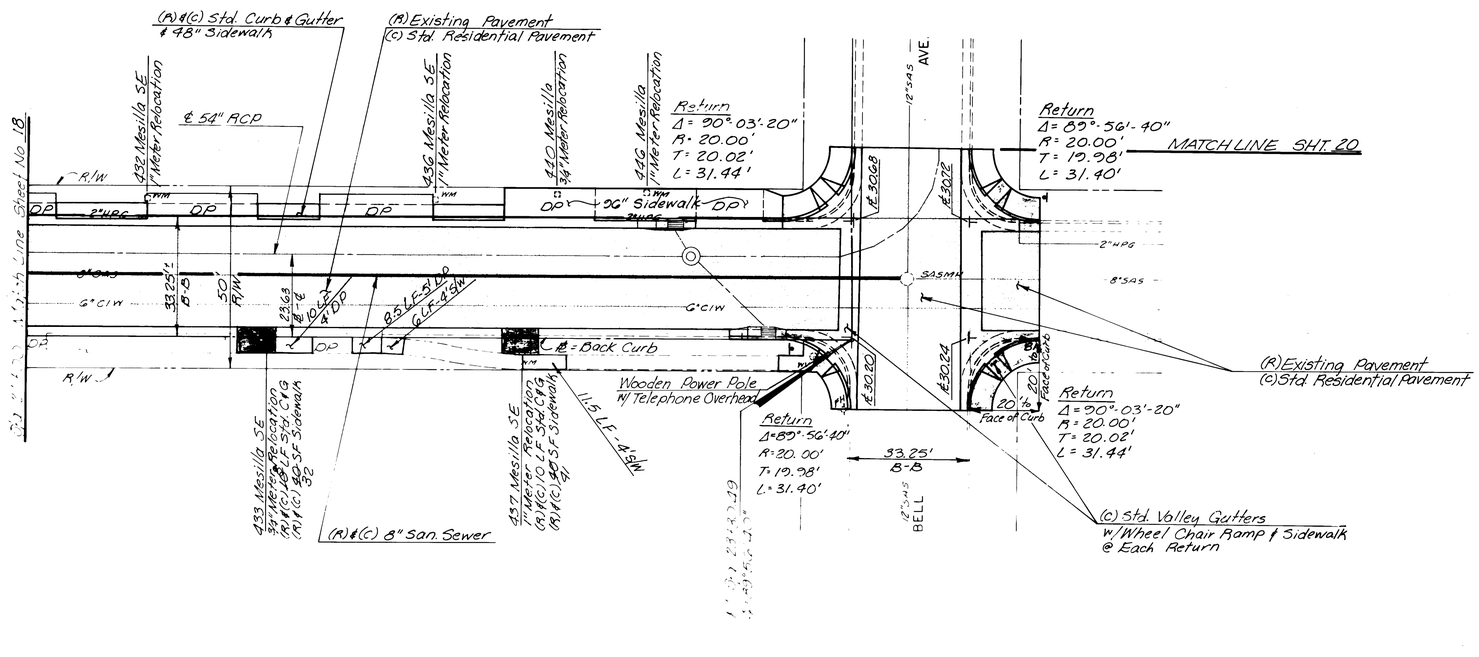
MESILLA ST. - PAVING, CURB & GUTTER, WATER, & SANITARY SEWER

	ENGINEER	DATE		ENGINEER	DATE
City Engineer	C.D. Hoppner		Traffic	David W. Hamm	9/5/84
Street Maint.	K. [illegible]		Water	K. [illegible]	9/5/84
Design					
Hydrology		9/5/84			

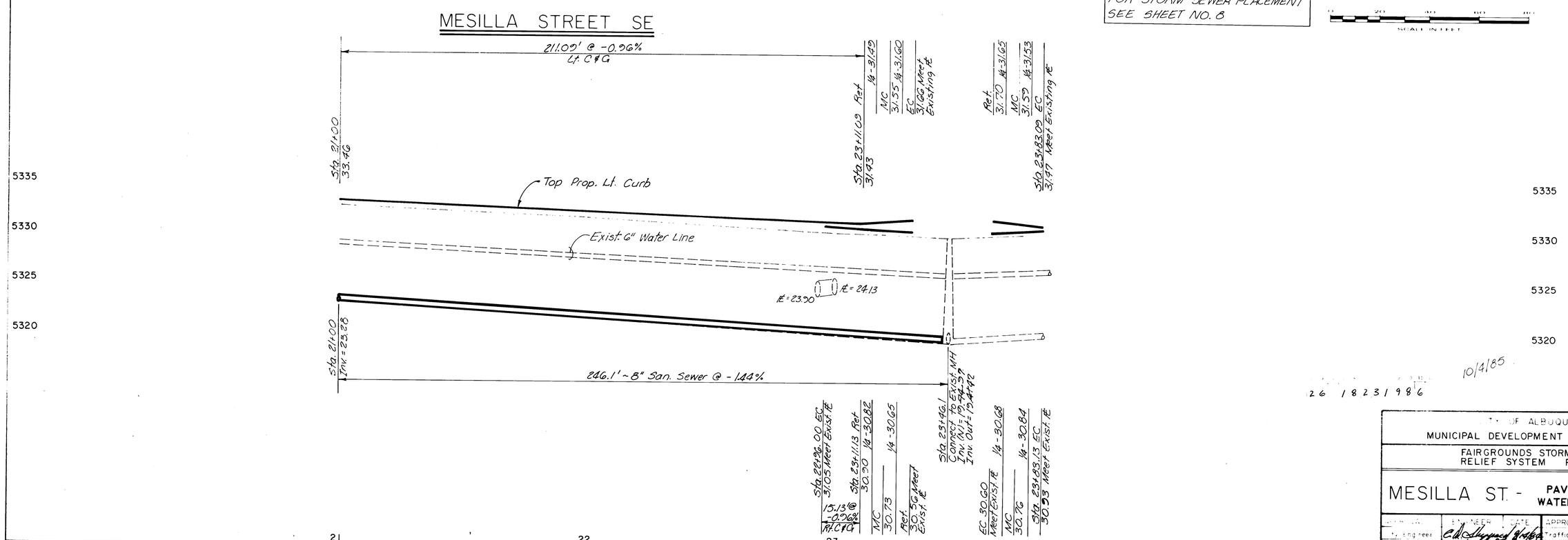
1823 SHEET 18 OF 28

WILSON & COMPANY
ENGINEERS & ARCHITECTS
ALBUQUERQUE, NEW MEXICO

WCEA 83-508



FOR STORM SEWER PLACEMENT SEE SHEET NO. 8



SCALE IN FEET

10/4/85

26 1823 1986

AS BUILT INFORMATION

NOTE TAKER	New Concepts	DATE 1/85
PLOTTED BY	WCEA	DATE 9/85
LEVELS BY	WCEA	DATE 10/85

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

Bench Mark ~ Square chiseled on the South End of the Southwest Curb Return of Mesilla St and Bell Ave SE
Elevation = 5330.88

REFERENCES

L-19-Z

REVISIONS

DESIGN WILSON & CO. ENG

CHAWN BY DATE

CHECKED BY DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT

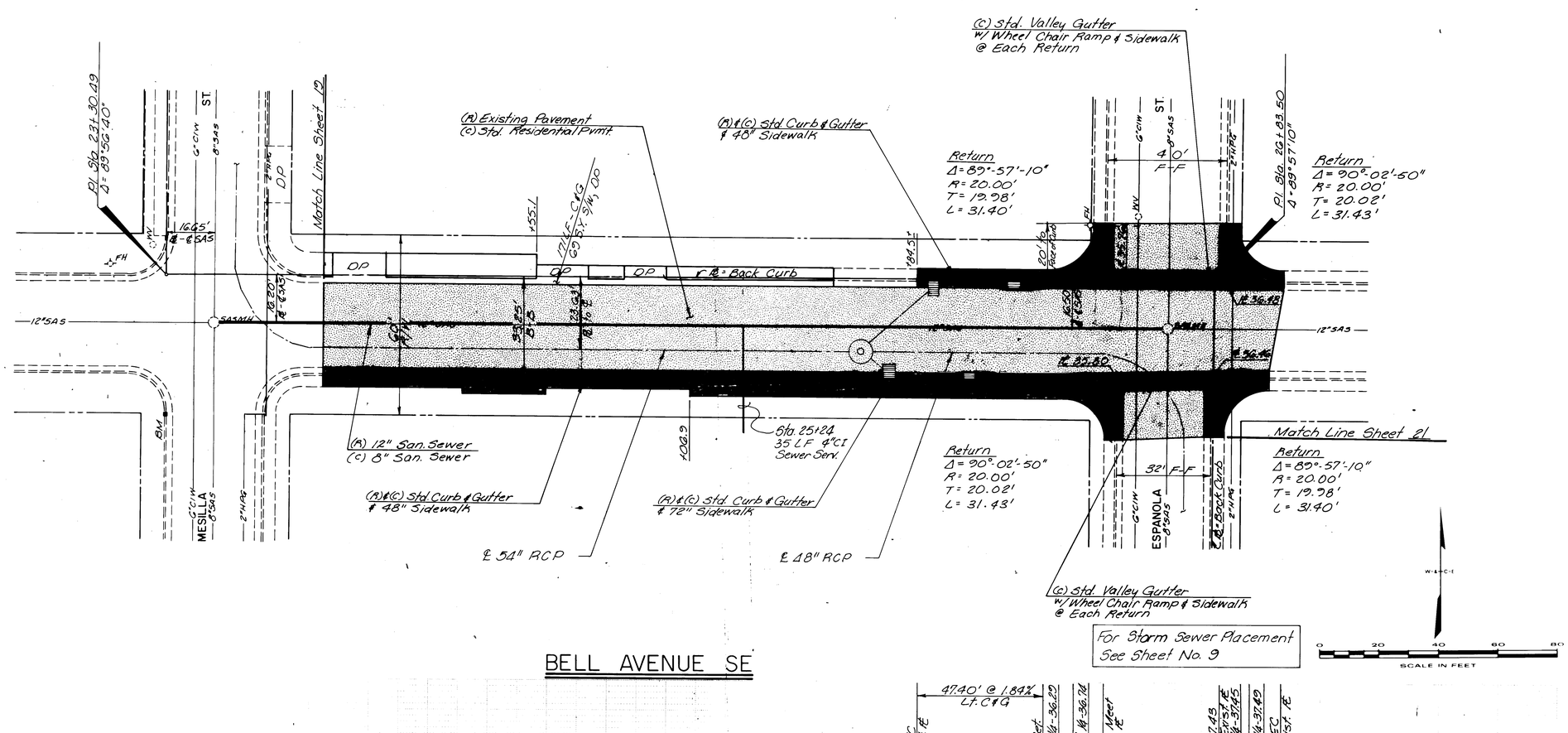
FAIRGROUNDS STORM WATER RELIEF SYSTEM PHASE II

MESILLA ST. - PAVING, CURB & GUTTER, WATER, & SANITARY SEWER

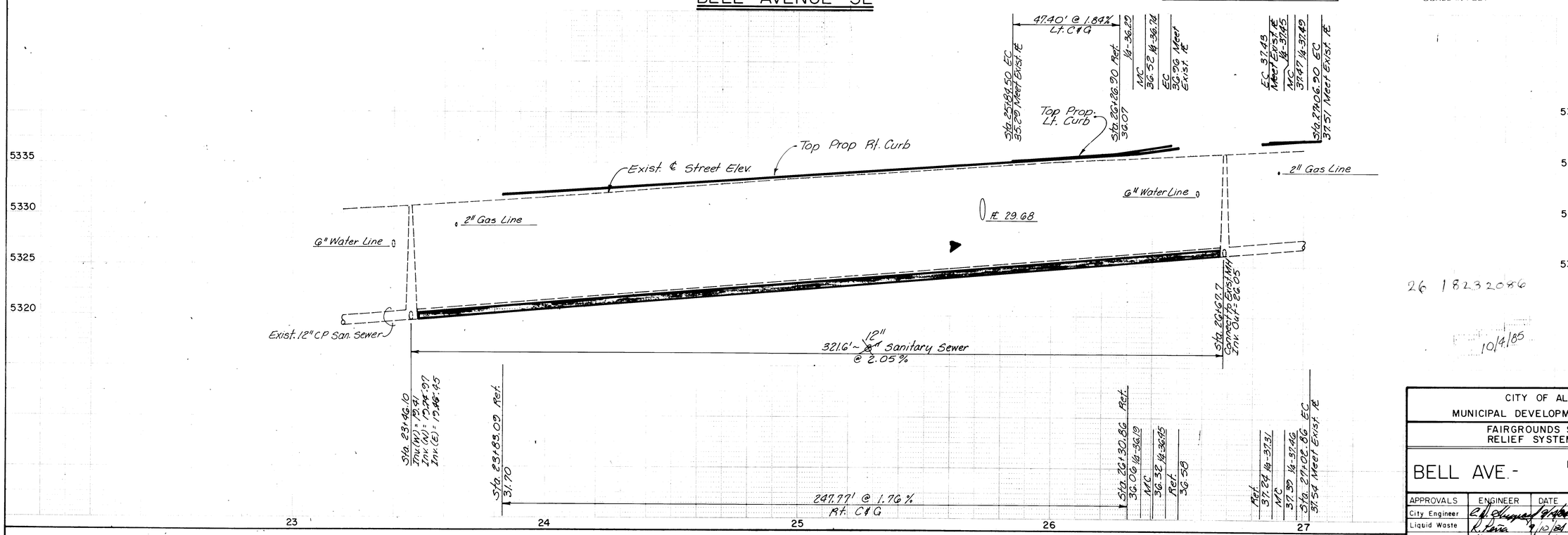
	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Traffic	David W. Hanna	9/6/84
Dep. City Engr.			Water		9/10/84
ACE Design					
ACE Hydrology			1823	SHEET 19 OF 28	

WILSON & COMPANY
ENGINEERS ARCHITECTS
ALBUQUERQUE NEW MEXICO

WCEA 83-508



BELL AVENUE SE



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10/4/85

BENCH MARKS

Bench Mark ~ Square chiseled on the South End of the Southwest Curb Return of Bell Ave. and Mesilla St. SE
Elevation = 5330.88

Bench Mark ~ Square chiseled on the South End of the Southwest Curb Return of Bell Ave and Espanola St. SE
Elevation = 5336.45

AS BUILT INFORMATION

CONTRACTOR	New Concepts	
WORK STAKED BY	WCEA	DATE 9/85
INSPECTOR'S ACCEPTANCE BY	WCEA	DATE 9/85
FIELD VERIFICATION BY	WCEA	DATE 9/85
DRAWINGS CORRECTED BY	WCEA	DATE 9/85
MICRO-FILM RECORDED BY		DATE
NO.		

REFERENCES

MAP NO. Z-19-Z

NO	DATE	REVISIONS	BY
		REMARKS	

DESIGN

DESIGNED BY: WILSON & CO., ENG. DATE
DRAWN BY DATE
CHECKED BY: DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT

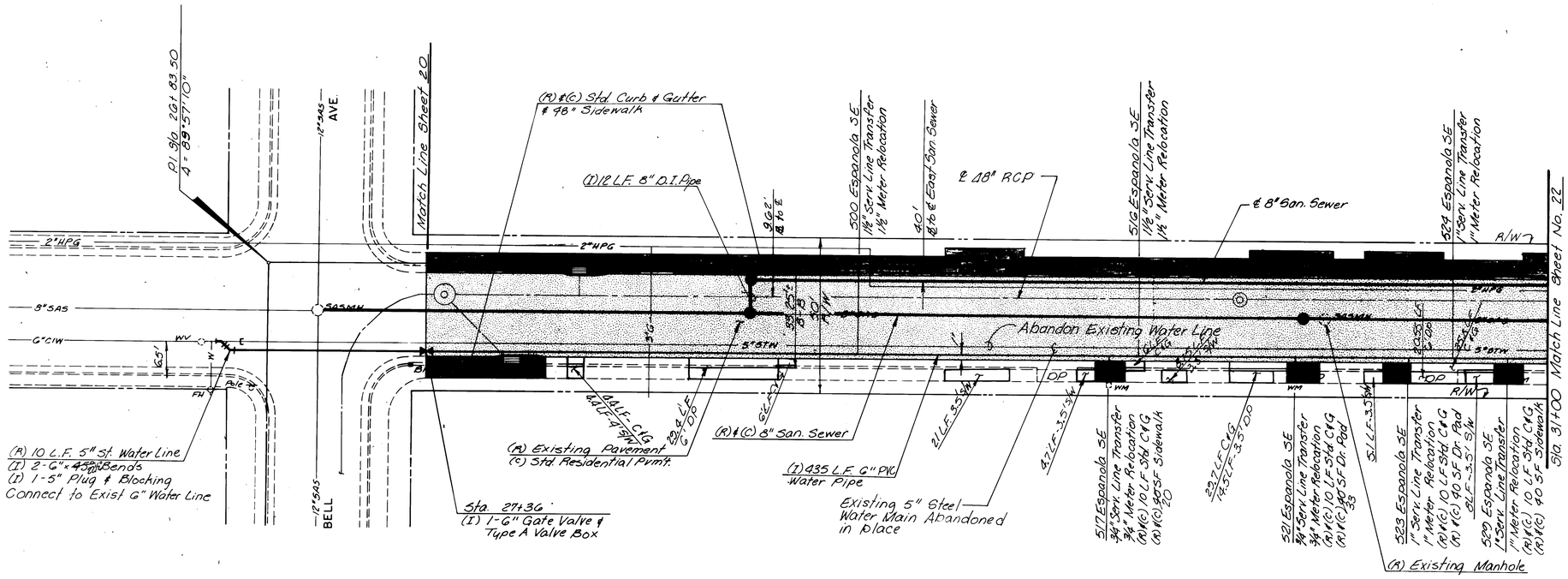
FAIRGROUNDS STORM WATER
RELIEF SYSTEM PHASE II

BELL AVE. - PAVING, CURB & GUTTER, & SANITARY SEWER

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[illegible]	9/4/84	Traffic	David W. Hanson	9/5/84
Liquid Waste	R. Pena	9/10/84	Water	R. Pena	9/10/84
A.C.E. - Design	[illegible]	9/10/84	1823	SHEET 20 OF 28	
A.C.E. - Hydrology	[illegible]	9/5/84			

WILSON & COMPANY

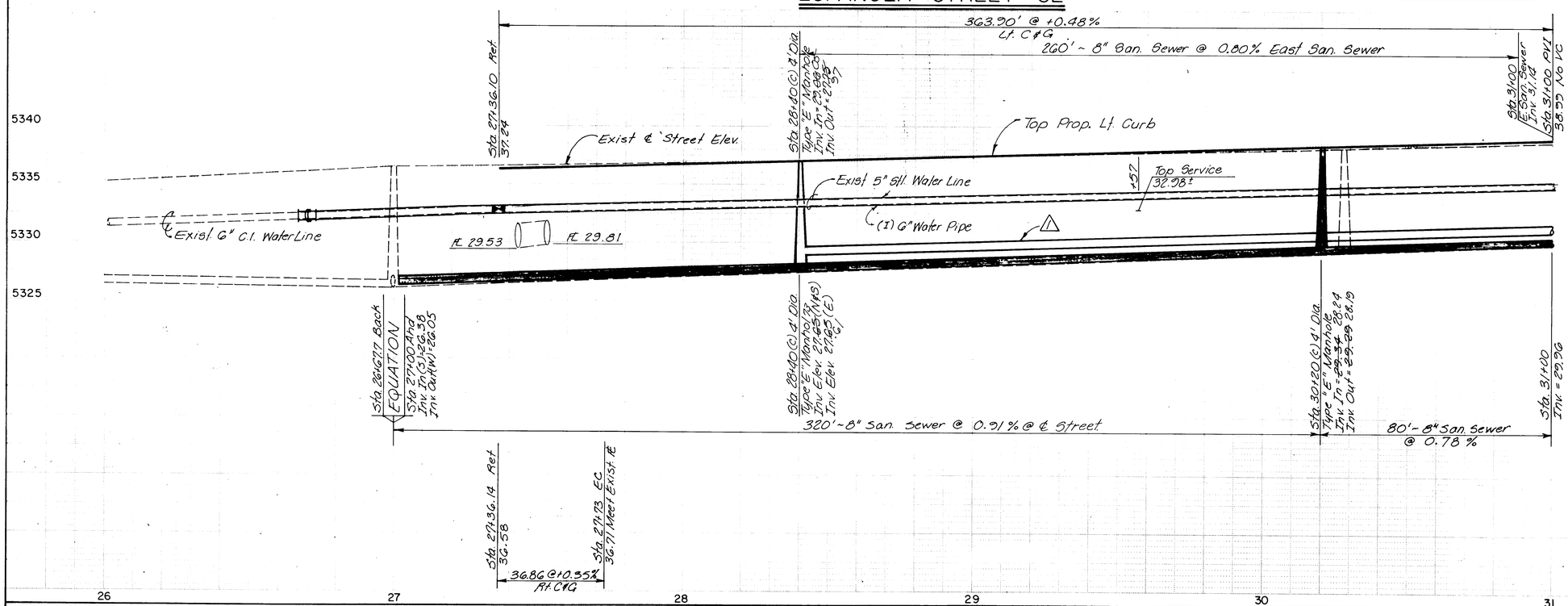
WCEA 83-508



For Storm Sewer Placement
See Sheet No. 10

SCALE IN FEET

ESPANOLA STREET SE



AS BUILT INFORMATION	
CONTRACTOR	New Concepts
WORK STAKED BY INSPECTOR'S ACCEPTANCE BY	WCEA DATE 7/85
DATE VERIFIED BY	WCEA DATE 9/85
DRAWINGS CORRECTED BY	WCEA DATE 10/85
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS

Bench Mark ~ Square chiseled on the South End of the Southwest Curb Return of Espanola St. and Bell Ave. SE
Elevation: 5336.45

REFERENCES

MAP NO. L-19-Z

NO	DATE	REMARKS	BY
1	Feb. 85	Change Order No. 1	RFG

REVISIONS

DESIGN

DESIGNED BY WILSON & CO., ENG. DATE
DRAWN BY DATE
CHECKED BY DATE

26 1 8 2 3 2 1 8 6

10/4/85

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT

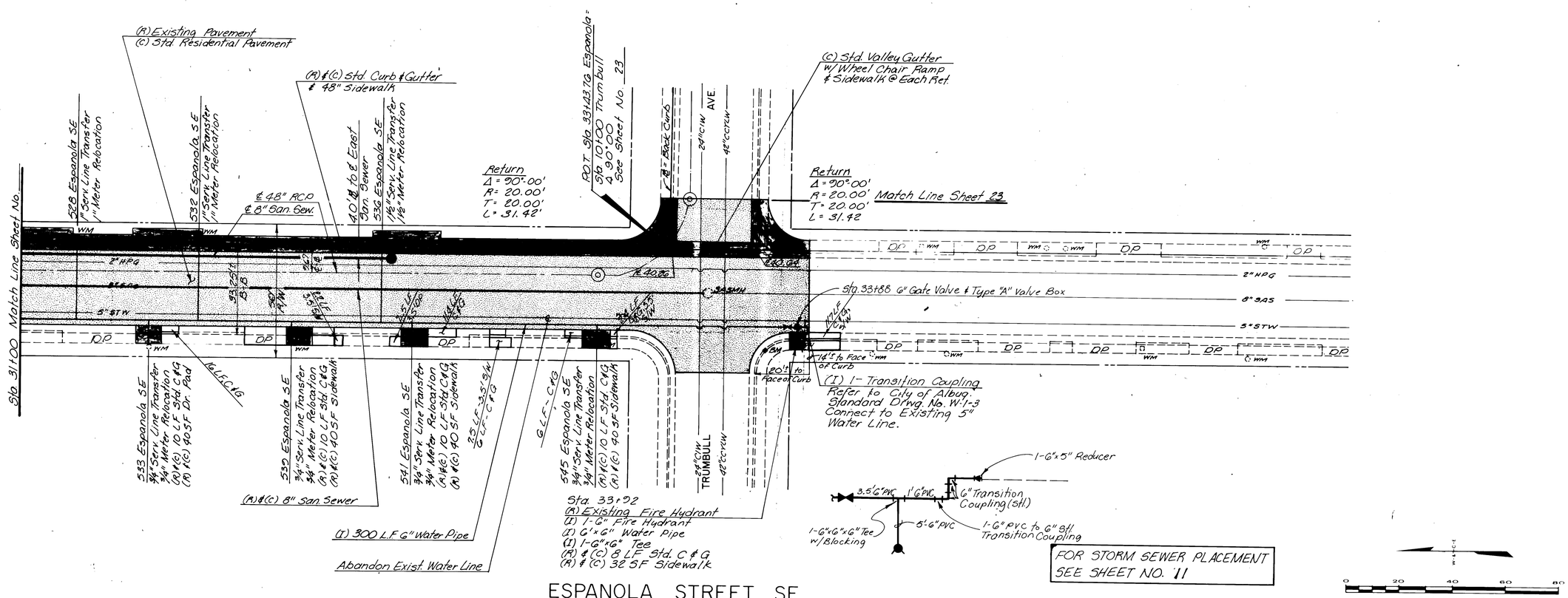
FAIRGROUNDS STORM WATER
RELIEF SYSTEM PHASE II

ESPANOLA ST. - PAVING, CURB & GUTTER, WATER, & SANITARY SEWER

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		9/4/84	Traffic		9/5/84
Liquid Waste		9/10/84	Water		9/10/84
A.C.E. - Design		9/4/84	1823	SHEET 21	OF 28
A.C.E. - Hydrology		9/5/84			

WILSON & COMPANY
ENGINEERS ARCHITECTS

WCEA 83-508



26 18232286

RECEIVED 10/4/85

AS BUILT INFORMATION		
CONTRACTOR	New Concepts	
WORK STAKED BY	WCEA	DATE 9/85
INSPECTOR ACCEPTANCE BY		DATE
VERIFIED, AS-BUILT DRAWINGS CORRECTED BY	WCEA	DATE 9/85
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO.		

BENCH MARKS

Bench Mark ~ Spore chiseled on the Middle of the Southwest Curb Return of Espanola St. and Trumbull Ave. SE
Elevation = 5340.23

REFERENCES

MAP NO. L-19-Z

NO	DATE	REMARKS	BY
1	Feb 85	Change Order No. 1	RFS

REVISIONS

DESIGNED BY WILSON & CO. ENG. DATE
DRAWN BY DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT

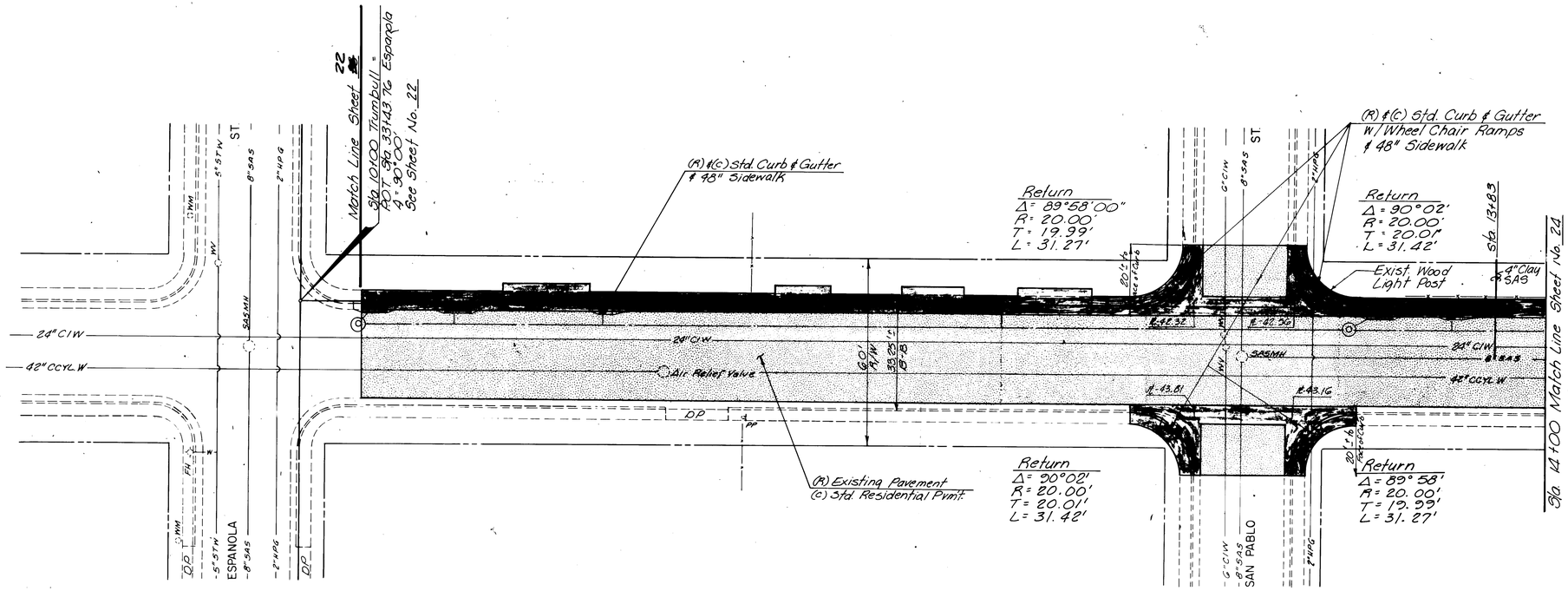
FAIRGROUNDS STORM WATER RELIEF SYSTEM PHASE II

ESPANOLA ST. - PAVING, CURB & GUTTER, WATER, & SANITARY SEWER

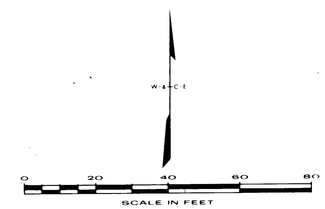
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		9/10/84	Traffic		9/5/84
Liquid Waste		9/10/84	Water		9/10/84
A.C.E. - Design		9/10/84	1823	SHEET 22 OF 28	
A.C.E. - Hydrology		9/5/84			

WILSON & COMPANY

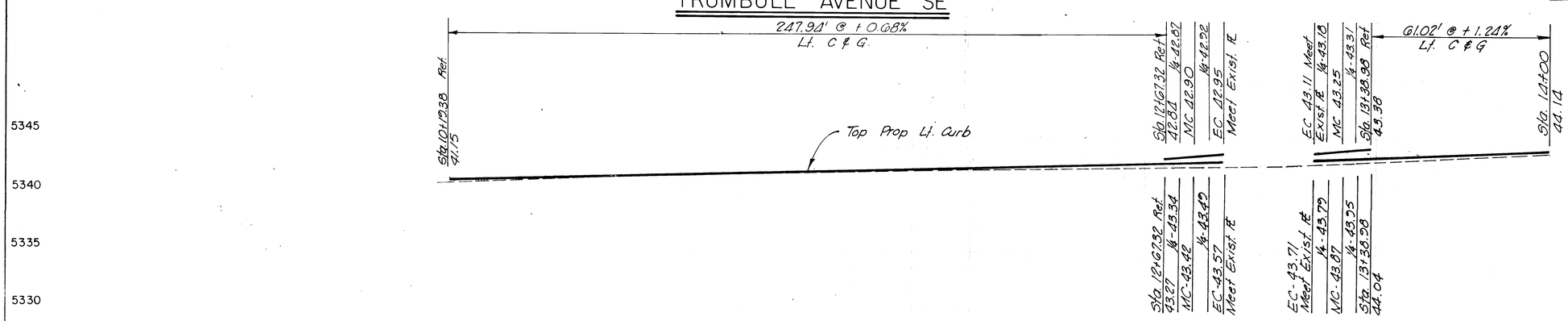
WCEA 83-508



FOR STORM SEWER PLACEMENT SEE SHEET NO. 12



TRUMBULL AVENUE SE



26 1823 2386

10	11	12	13	14	

AS BUILT INFORMATION

CONTRACTOR	New Concepts	
STAKED BY	WCEA	DATE 8-85
INSPECTOR'S ACCEPTANCE BY		DATE
FIELD VERIFICATION BY	WCEA	DATE 9/85
DRAWINGS CORRECTED BY	WCEA	DATE 10/85

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

REFERENCES

MAP NO.

NO	DATE	REMARKS	BY
		REVISIONS	

DESIGN

DESIGNED BY: WILSON & CO., ENG. DATE
DRAWN BY DATE
CHECKED BY DATE

DRAWING 10/4/85

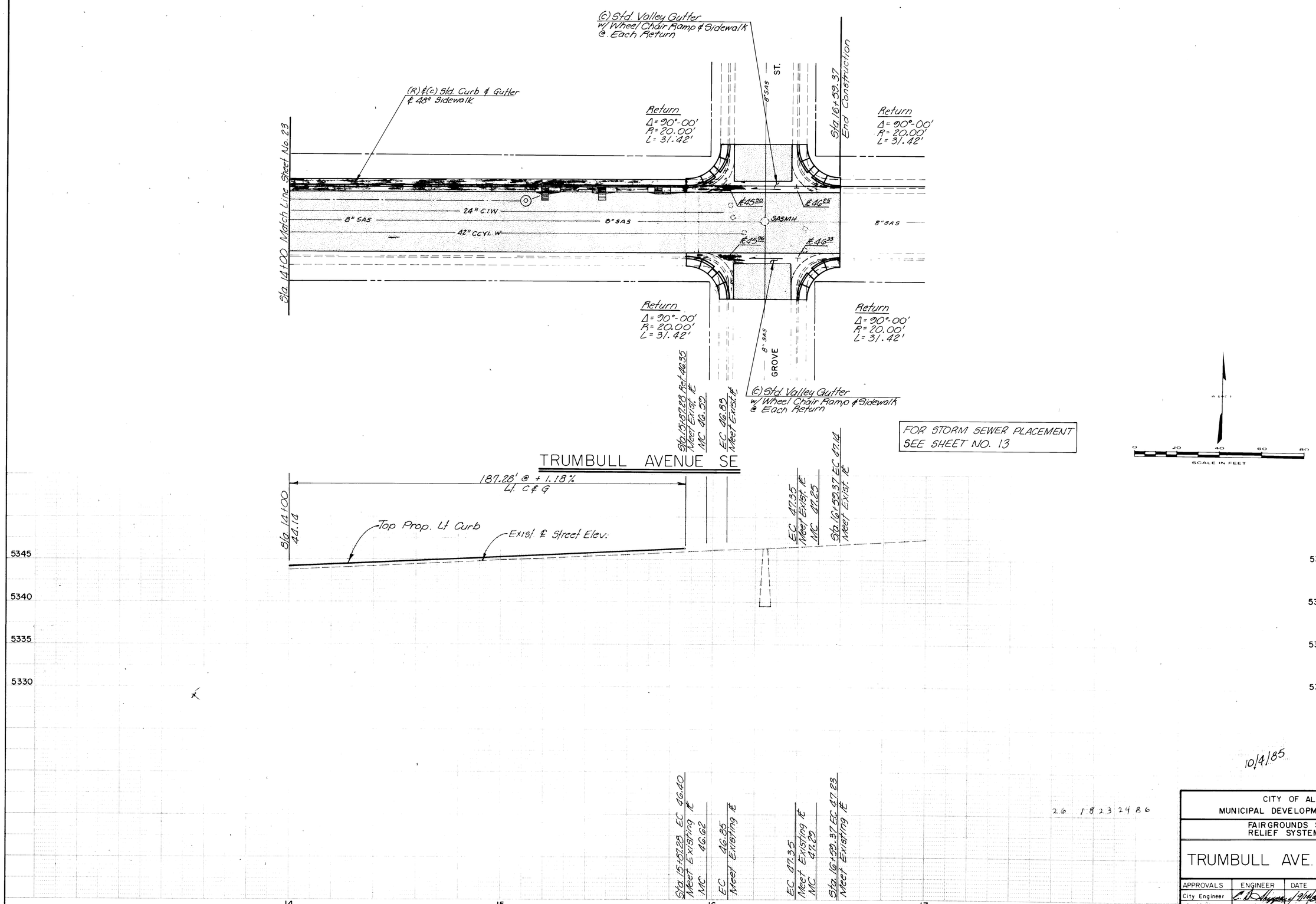
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
FAIRGROUNDS STORM WATER RELIEF SYSTEM PHASE II

TRUMBULL AVE. - PAVING, CURB & GUTTER

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[illegible]	9/10/84	Traffic	[illegible]	9/10/84
Liquid Waste	[illegible]	9/10/84	Water	[illegible]	9/10/84
A.C.E. - Design	[illegible]	9/10/84	1823	SHEET 23 OF 28	
A.C.E. Hydrology	[illegible]	9/5/84			

WILSON & COMPANY

WCEA 83-508



AS BUILT INFORMATION

CONTRACTOR	New Concepts	
STAKED BY	WCEA	DATE 8/85
INSPECTOR'S ACCEPTANCE BY		DATE
FIELD VERIFICATION BY	WCEA	DATE 9/85
DRAWINGS CORRECTED BY	WCEA	DATE 10/85

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

REFERENCES

MAP NO. L-19-Z

ROBERT F. SYKES, NEW MEXICO, REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
1	7/85	Added Intersection @ Trumbull & Grove	RFS

REVISIONS

DESIGN

DESIGNED BY: WILSON & CO., ENG. DATE
DRAWN BY DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT

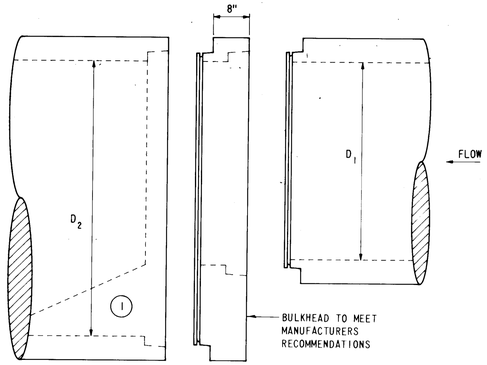
FAIRGROUNDS STORM WATER
RELIEF SYSTEM PHASE II

TRUMBULL AVE. – PAVING, CURB & GUTTER

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		9/10/85	Traffic		9/5/84
Liquid Waste		9/10/85	Water		9/10/84
A.C.E. - Design		9/19/84	1823	SHEET 24	OF 28
A.C.E. - Hydrology		9/5/84			

WILSON & COMPANY
ENGINEERS ARCHITECTS
ALBUQUERQUE NEW MEXICO

WCEA 83-508



DETAIL OF EXPANSION BULKHEAD

NOT TO SCALE

(1) FIELD PLACED NON-REINFORCED CONCRETE TO TAPER AT 2:1 SLOPE FROM INVERT OF D_1 TO INVERT OF D_2.

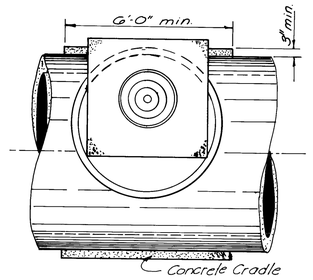
D_1 = DIAMETER OF UPSTREAM PIPE (SEE PLAN SHEET AND SCHEDULE).

D_2 = DIAMETER OF DOWNSTREAM PIPE (SEE PLAN SHEET AND SCHEDULE).

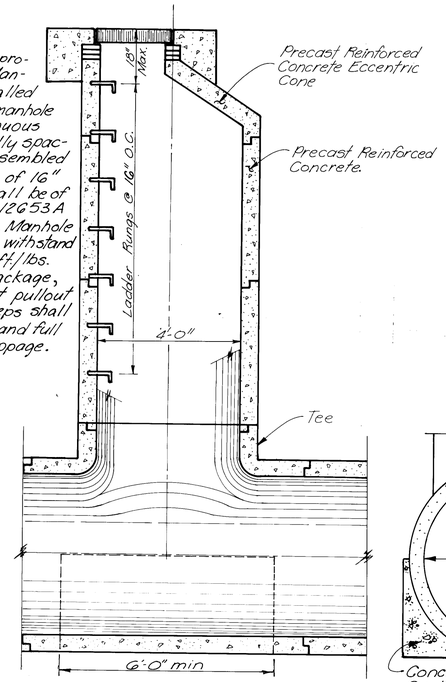
EXPANSION BULKHEAD SCHEDULE		
LOCATION	D_1	D_2
ALCAZAR ST. (SOUTH) STA 36+39	60"	66"

Note:

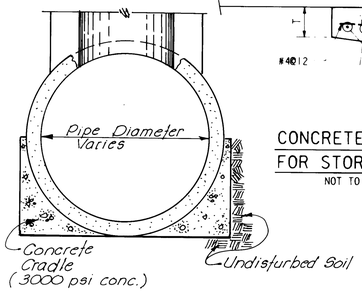
Manhole steps shall be provided in all manholes. Manhole steps shall be installed in each section of the manhole so as to form a continuous ladder of rungs equally spaced vertically in the assembled manhole at a distance of 16" o/c. Manhole steps shall be of aluminum, ALCOA No. 12653A or an approved equal. Manhole steps shall be able to withstand impact testing of 300 ft/lbs. with no deflection, crackage, or breakage and resist pullout forces of 1500 lbs.. Steps shall have serrated treads and full end lags to prevent slippage.



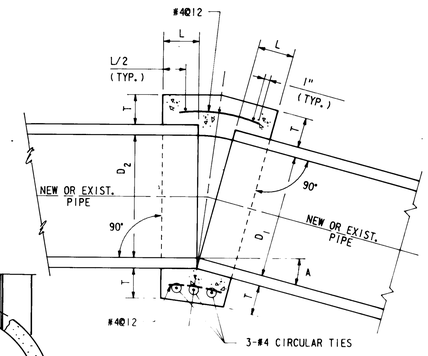
PLAN



STORM SEWER TEE MANHOLE



D	L	T
12"	1.0'	4"
18"	1.0'	5"
24"	1.0'	6"
36"	1.5'	8"
48"	1.5'	10"

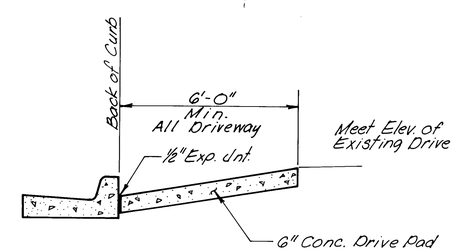


CONCRETE COLLAR FOR STORM SEWER

NOT TO SCALE

NOTES

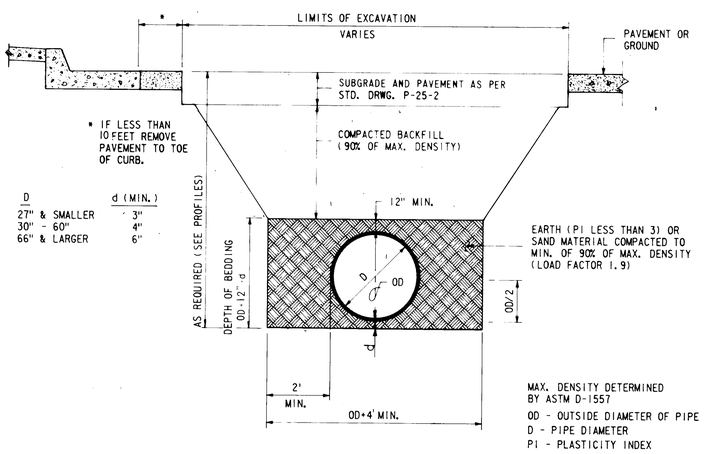
1. A CONCRETE COLLAR IS REQUIRED WHERE THE CHANGE IN GRADE EXCEEDS 0.10 FT. PER FOOT.
2. WHERE PIPES OF DIFFERENT DIAMETERS ARE JOINED WITH A CONCRETE COLLAR, L AND T SHALL BE THOSE OF LARGER PIPE. D = D_1 OR D_2 WHICHEVER IS GREATER.
3. OMIT REINFORCING ON PIPES 24" AND LESS IN DIAMETER AND ON ALL PIPES WHERE ANGLE A IS LESS THAN 10°.
4. WHERE REINFORCING IS REQUIRED THE DIAMETER OF THE CIRCULAR TIES SHALL BE D+(2 x WALL THICKNESS)+8".
5. WHEN D_1 IS EQUAL TO OR LESS THAN D_2, JOIN INVERTS AND WHEN D_1 IS GREATER THAN D_2, JOIN SOFFITS.
6. ~~PIPE MAY BE CORRUGATED METAL PIPE, CONCRETE PIPE, OR REINFORCED CONCRETE PIPE~~ NOT USED
7. A CONCRETE COLLAR MAY BE USED FOR ALIGNMENT CHANGES ON CONNECTOR PIPES TO CATCH BASINS.
8. TEES ON MAIN STORM SEWER PIPE SHALL BE ROLLED UP TO MATCH THE GRADE OF THE INLET LINE.



SECTION

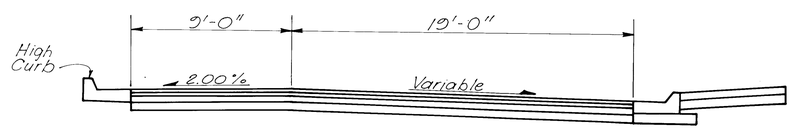
DRIVEWAY PAD

Scale: 1" = 2'-0"



TYPICAL TRENCH EXCAVATION AND BEDDING

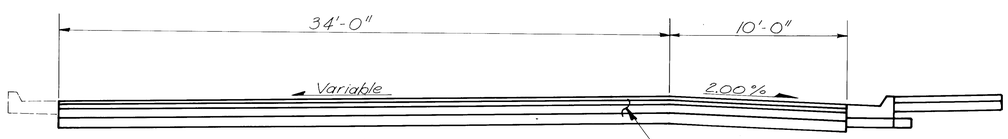
NOT TO SCALE



TYPICAL PAVEMENT SECTION

(A) ALCAZAR - CENTRAL to ZUNI
(R) MESILLA - ZUNI to BELL
(R) BELL - MESILLA to ESPANOLA
(R) ESPANOLA - BELL to TRUMBULL
(R) TRUMBULL - ESPANOLA to GROVE

Note:
(A) - Std. Arterial Pavement
(R) - Std. Residential Pavement



TYPICAL PAVEMENT SECTION

(A) ZUNI RD. - ALCAZAR to MESILLA

26 18232586

10/4/85

AS BUILT INFORMATION

CONTRACTOR	DATE
WORK STAKED BY	DATE
INSPECTOR'S ACCEPTANCE BY	DATE
VERIFICATION BY	DATE
CORRECTIONS MADE BY	DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

REFERENCES

MAP NO.

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

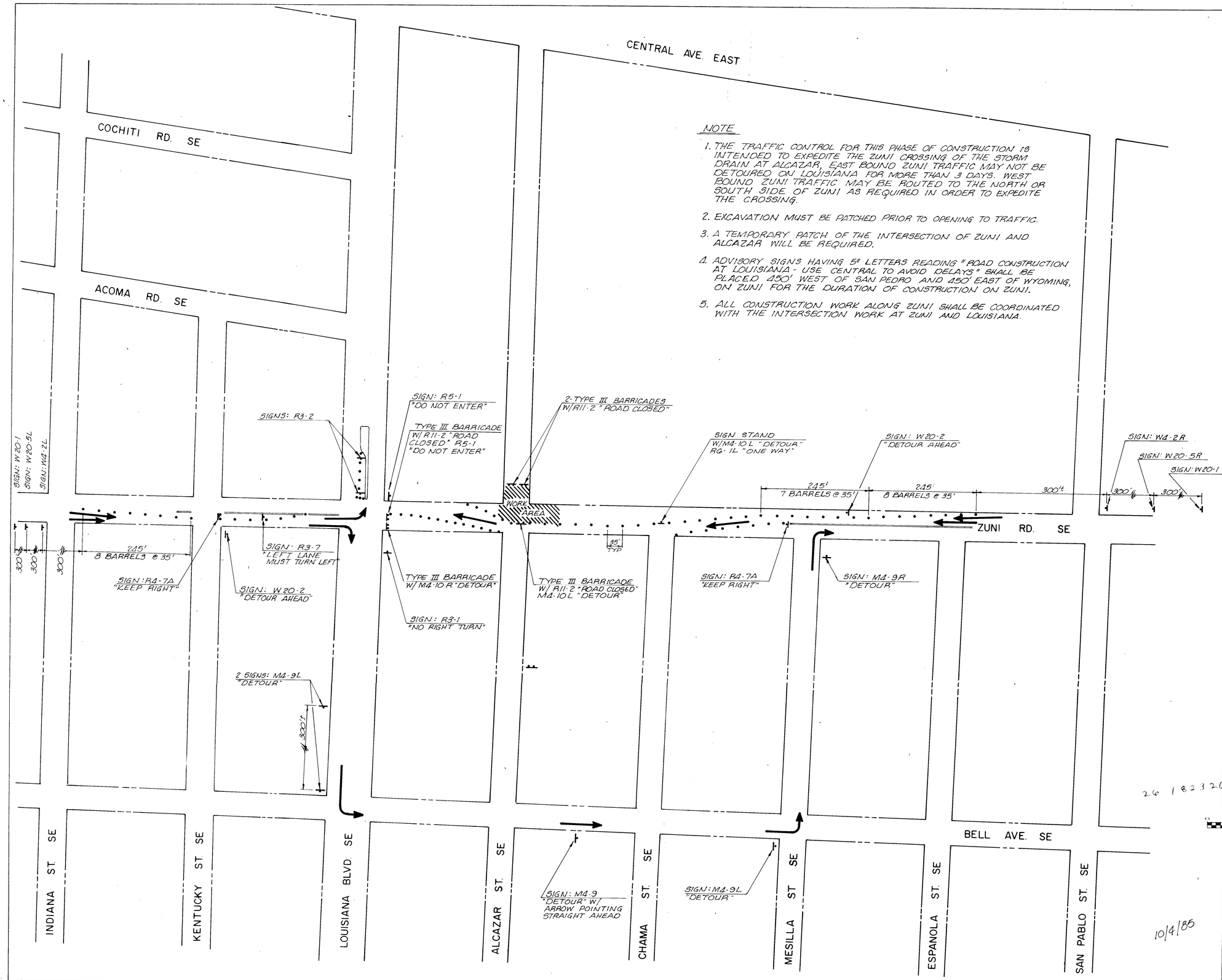
DESIGNED BY: DATE:
DRAWN BY: DATE:
CHECKED BY: DATE:

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
FAIRGROUNDS STORM WATER RELIEF SYSTEM PHASE II
STORM DRAIN
MISCELLANEOUS DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		9/14/84	Traffic		9/6/84
Liquid Waste		9/10/84	Water		9/10/84
A.C.E.-Design		9/14/84			
A.C.E.-Hydrology		9/5/84			

1823 SHEET 25 OF 28

QS1:L150,151:B150753 .DGN BORDER D



NOTE

1. THE TRAFFIC CONTROL FOR THIS PHASE OF CONSTRUCTION IS INTENDED TO EXPEDITE THE ZUNI CROSSING OF THE STORM DRAIN AT ALCAZAR, EAST BOUND ZUNI TRAFFIC MAY NOT BE DETOURED ON LOUISIANA FOR MORE THAN 3 DAYS. WEST BOUND ZUNI TRAFFIC MAY BE ROUTED TO THE NORTH OR SOUTH SIDE OF ZUNI AS REQUIRED IN ORDER TO EXPEDITE THE CROSSING.
2. EXCAVATION MUST BE PATCHED PRIOR TO OPENING TO TRAFFIC.
3. A TEMPORARY PATCH OF THE INTERSECTION OF ZUNI AND ALCAZAR WILL BE REQUIRED.
4. ADVISORY SIGNS HAVING 5" LETTERS READING "ROAD CONSTRUCTION AT LOUISIANA - USE CENTRAL TO AVOID DELAYS" SHALL BE PLACED 450' WEST OF SAN PEDRO AND 450' EAST OF WYOMING, ON ZUNI FOR THE DURATION OF CONSTRUCTION ON ZUNI.
5. ALL CONSTRUCTION WORK ALONG ZUNI SHALL BE COORDINATED WITH THE INTERSECTION WORK AT ZUNI AND LOUISIANA.

GENERAL NOTES FOR TRAFFIC CONTROL

1. All traffic control devices shall comply with Chapter VI of the 1978 edition of the "Manual for Uniform Traffic Control Devices."
2. The contractor shall prepare and submit to the project engineer a detailed construction schedule, which is subject to the approval of the City Traffic Engineer, 3 working days prior to commencing construction.
3. Unless otherwise provided as part of the construction documents, the contractor shall prepare and submit to the project engineer a detailed traffic control plan, which is subject to the approval of the City Traffic Engineer, 3 working days in advance of any required closures.
4. Contractor shall notify the following services 24 hours in advance of any complete closures: Police Department, Fire Department, Ambulance Services, and the Transit Department.
5. Permits to barricade or detour traffic must be obtained for each phase of construction through the traffic engineers office at least 24 hours in advance of construction activities.
6. All advance warning signs and barricades must be installed before construction begins as directed by the engineer.
7. All sign locations will be selected in the field and approved by the project engineer.
8. All advance warning signs shall be 48" x 48" minimum.
9. All advance warning signs not directly applicable shall be removed, completely covered or turned away from oncoming traffic.
10. All construction signing shall be black on a reflectorized orange field unless otherwise specified. All construction barricades and channelization devices shall be orange on white, reflectorized, unless otherwise specified.
11. All signs will be ground mounted on single or double posts with the bottom of the sign 7 feet above sidewalk level. Existing posts may be used at some locations, with the approval of the project engineer. Portable signs supports will be acceptable as an alternate for signs which are in place for less than 1 week.

AS BUILT INFORMATION
CONTRACTOR — DATE
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY — DATE
DRAWN BY — DATE
CHECKED BY — DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT

FAIRGROUNDS STORM WATER RELIEF SYSTEM PHASE II

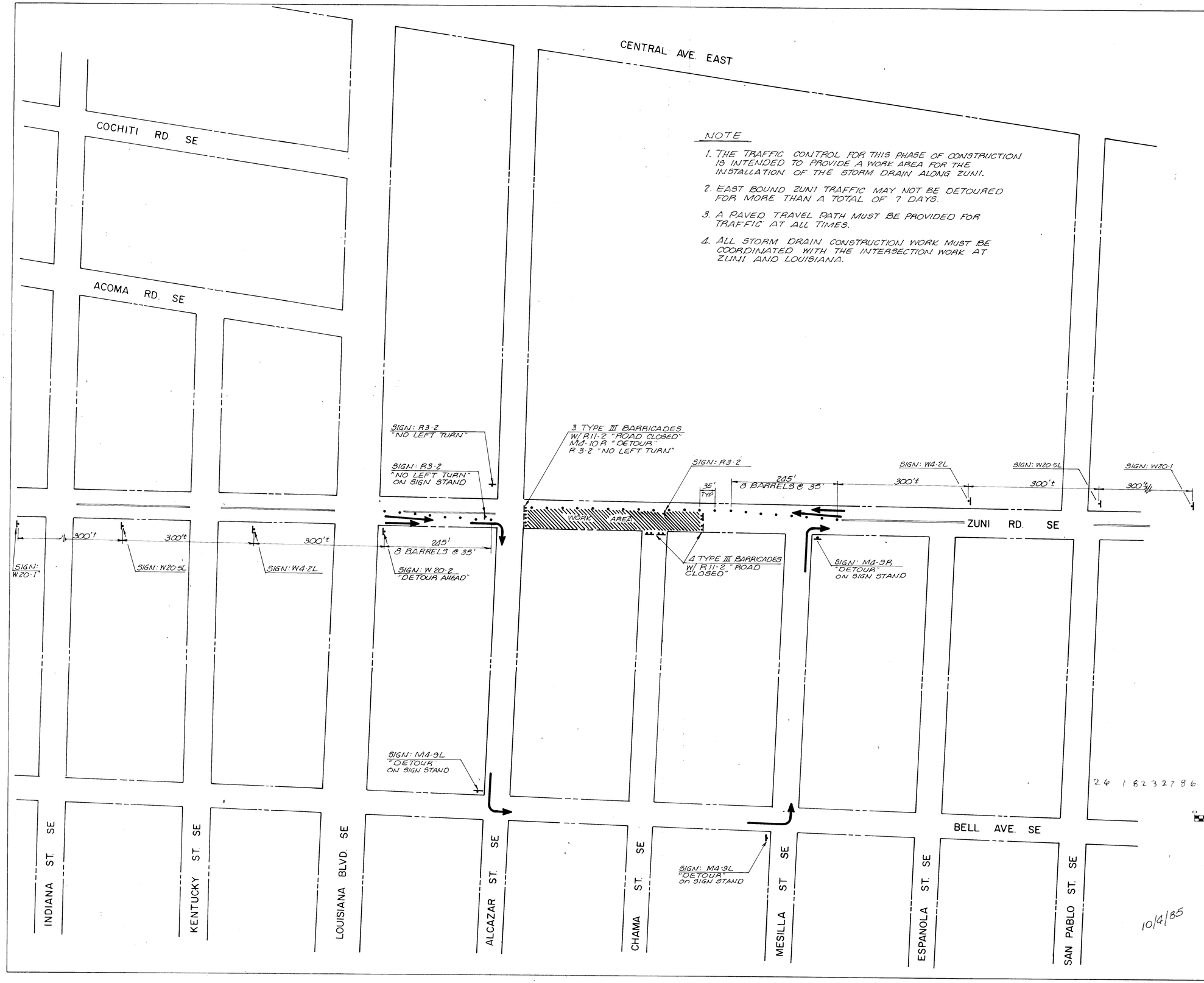
DETOUR PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	C.A. Chapman	9/4/84	Liquid Waste	R. Lara	9/10/84
A.C.E.-Design	H.L. Lang	9/4/84	Traffic	David W. Hanna	9/5/84
A.C.E.-Hydrology	[illegible]	9/5/84	Water	R. Lara	9/10/84

DRAWING NO. 1823 | MAP NO. K-18 & K-19, L-18 & L-19 | SHEET 26 OF 28

WILSON & COMPANY
ENGINEERS & ARCHITECTS
ALBUQUERQUE NEW MEXICO

83-508



12. All existing regulatory signs that need to be removed, relocated or reinstalled shall be done by the City of Albuquerque, Traffic Engineering Division. The contractor shall notify the Traffic Engineering Division 3 working days in advance of any required work.

13. Traffic control devices required after dark are to be equipped with warning lights. Type (A) flashing warning lights shall be used on all advance warning signs and on all devices which are intended to warn motorist or pedestrians of hazards or obstructions in or near the travel path. Type (c) steady burn lights shall be used on all devices which are intended to define the travel path.

14. All signs, barricades and/or barrels will be reflectorized. All barrels may have sand or water ballast limited to 100 lbs.

15. All signs, barricades and/or barrels will be moved forward as the construction progresses (where applicable).

16. Contractor shall inspect and maintain all barricades at least once each day except for barricades on or adjacent to arterial and collector streets which shall be checked twice, including inspection during hours of darkness.

17. Barrels and barricades are not to be intermixed in the same series of channelization.

18. Excavations must be plated or patched prior to opening to traffic.

19. A minimum width of 11 feet shall be provided for traffic in one direction.

20. Equipment and materials are not to be stored within the street right-of-way during non-working hours.

21. The contractor shall maintain access to business and residences adjacent to the construction area.

22. The contractor shall provide and maintain a safe and adequate means of channelizing pedestrian traffic around all work areas throughout the period of construction. All such channelization shall be arranged to prevent pedestrians from having to enter the roadway in order to pass around the work areas.

AS BUILT INFORMATION

CONTRACTOR	DATE
WORK STAKED BY	
INSPECTOR'S ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS

SURVEY INFORMATION

NO.	FIELD NOTES BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY		DATE
DRAWN BY		DATE
CHECKED BY		DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT

FAIRGROUNDS STORM WATER RELIEF SYSTEM PHASE II

DETOUR PLAN

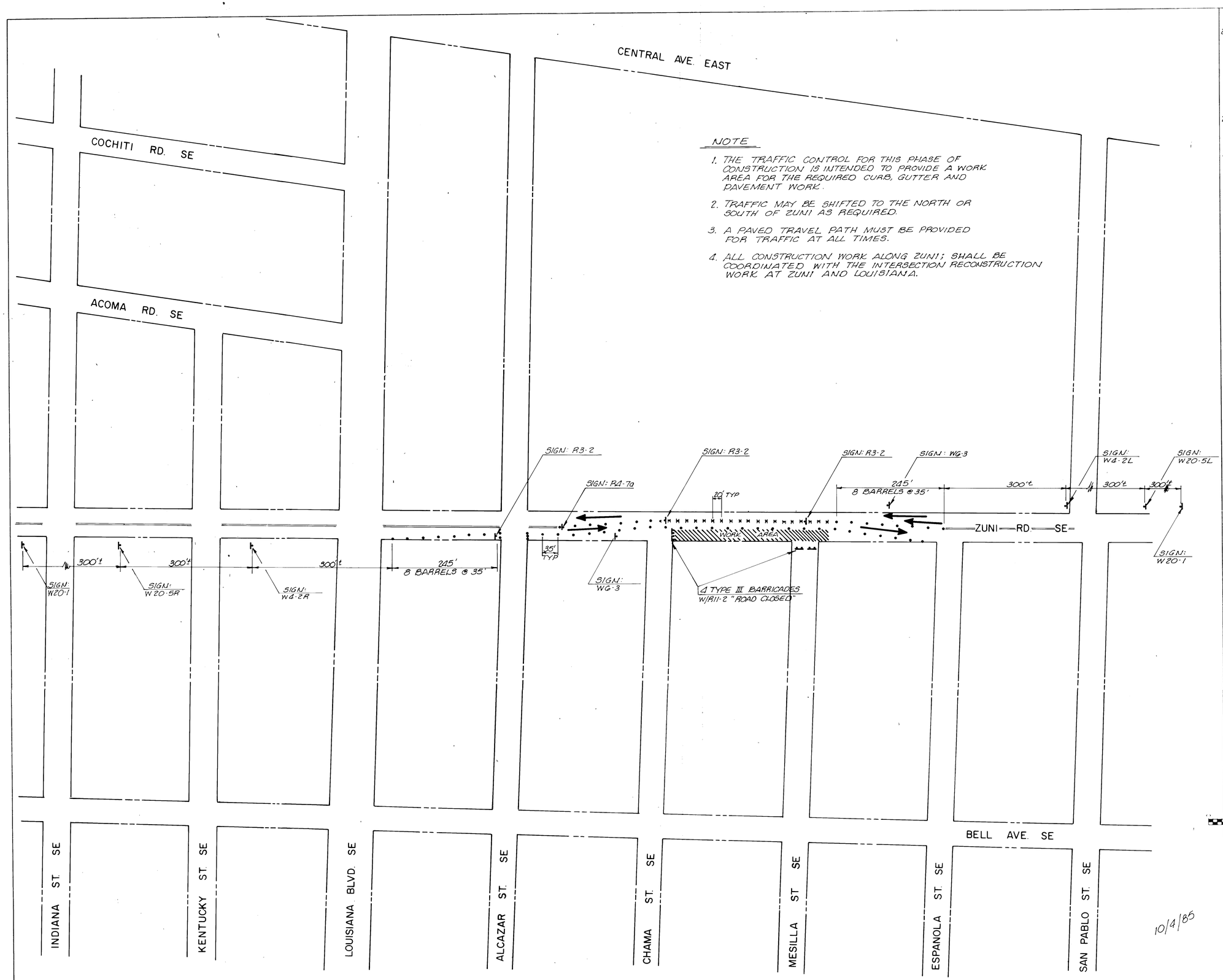
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[illegible]	9/10/84	Liquid Waste	K. Lewis	9/10/84
A.C.E.-Design	[illegible]	9/4/84	Traffic	David M. Hanna	9/5/84
A.C.E.-Hydrology	[illegible]	9/5/84	Water	K. Lewis	9/10/84

DRAWING NO.	MAP NO.	SHEET	OF
1823	K-18 & K-19 / I-18 & I-19	27	28

10/4/85

WILSON & COMPANY
ENGINEERS ARCHITECTS
ALBUQUERQUE NEW MEXICO

83-508



NOTE

1. THE TRAFFIC CONTROL FOR THIS PHASE OF CONSTRUCTION IS INTENDED TO PROVIDE A WORK AREA FOR THE REQUIRED CURB, GUTTER AND PAVEMENT WORK.
2. TRAFFIC MAY BE SHIFTED TO THE NORTH OR SOUTH OF ZUNI AS REQUIRED.
3. A PAVED TRAVEL PATH MUST BE PROVIDED FOR TRAFFIC AT ALL TIMES.
4. ALL CONSTRUCTION WORK ALONG ZUNI; SHALL BE COORDINATED WITH THE INTERSECTION RECONSTRUCTION WORK AT ZUNI AND LOUISIANA.

23. The contractor shall be required to keep the public informed, through the local news media, of construction operations involving street or lane closures, and shall provide the City Traffic Engineer documented proof that this has been done.

24. All signs shall be mounted on sign stands or Type III Barricades

25. All construction work along Zuni shall be coordinated with the intersection reconstruction work at Zuni and Louisiana through the project engineer.

26. No two consecutive intersections along Zuni may be closed at the same time.

27. No seperate payment will be made for traffic control. This work shall be incidental to other items of work.

AS BUILT INFORMATION
AS-BUILT THIS DRAWING IS A RETENTION OF FIELD VERIFICATION BY DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

REMARKS
REVISIONS
NO. DATE BY
DESIGN
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT

FAIRGROUNDS STORM WATER
RELIEF SYSTEM PHASE II

DETOUR PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	C. Wolkenhauer	9/10/84	Liquid Waste	R. Pena	9/10/84
A.C.E.-Design	[illegible]	9/4/84	Traffic	David M. Hammer	9/5/84
A.C.E.-Hydrology	[illegible]	9/5/84	Water	R. Pena	9/10/84

10/4/85

DRAWING NO 1823 | MAP NO K-18 & K-19, L-18 & L-19 | SHEET 28 OF 28

WILSON & COMPANY
ENGINEERS ARCHITECTS
ALBUQUERQUE NEW MEXICO

83-508