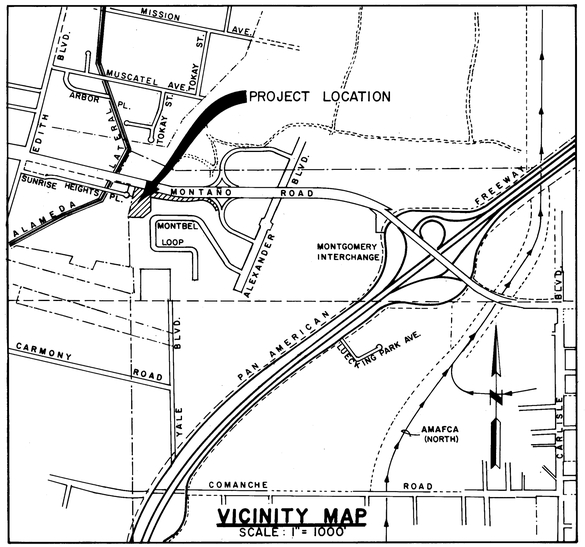
ALBUQUERQUE GRAVEL PRODUCTS COMPANY

AGP - MONTBEL DETENTION BASIN



VICINITY MAP
SCALE: 1" = 1000'

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ANDREWS, ASBURY & ROBERT, INC.
CONSULTING ENGINEERS
ALBUQUERQUE NEW MEXICO

REGISTERED PROFESSIONAL ENGINEER STATE OF NEW MEXICO No. 3960 JOHN A. ANDREWS

26.18.65.01.84

APPROVAL OF AS BUILT DRAWINGS
ASST. CITY ENGINEER-FIELD
W. F. Mengunzza
DATE 7/5/84

RECORD DRAWING

APPROVED FOR CONSTRUCTION
E. H. Lindsey 9/25/85
CITY ENGINEER DATE

ENGR'S FILE No. 85-326

SET No. _____

1865

SHEET 1 OF 10

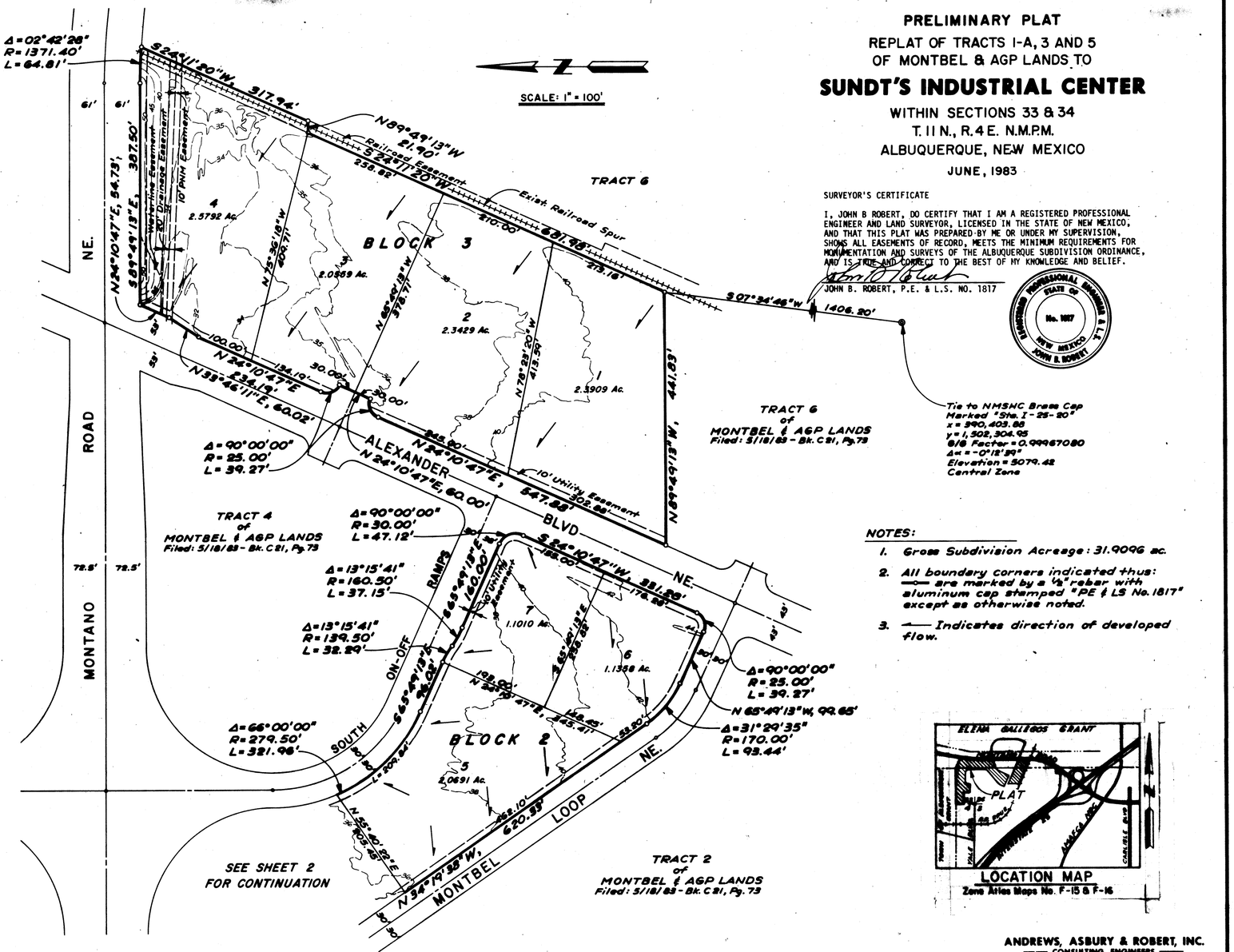
PRELIMINARY PLAT

REPLAT OF TRACTS I-A, 3 AND 5
OF MONTBEL & AGP LANDS TO

SUNDT'S INDUSTRIAL CENTER

WITHIN SECTIONS 33 & 34
T. 11 N., R. 4 E. N.M.P.M.
ALBUQUERQUE, NEW MEXICO

JUNE, 1983



SURVEYOR'S CERTIFICATE

I, JOHN B ROBERT, DO CERTIFY THAT I AM A REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR, LICENSED IN THE STATE OF NEW MEXICO, AND THAT THIS PLAT WAS PREPARED BY ME OR UNDER MY SUPERVISION, SHOWS ALL EASEMENTS OF RECORD, MEETS THE MINIMUM REQUIREMENTS FOR MONUMENTATION AND SURVEYS OF THE ALBUQUERQUE SUBDIVISION ORDINANCE, AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

JOHN B. ROBERT, P.E. & L.S. NO. 1817

REGISTERED PROFESSIONAL ENGINEER & L.S. STATE OF NEW MEXICO No. 1817 JOHN B. ROBERT

NOTES:

1. Gross Subdivision Acreage: 31.9096 ac.
2. All boundary corners indicated thus: —o— are marked by a ½" rebar with aluminum cap stamped "PE & LS No. 1817" except as otherwise noted.
3. ←— Indicates direction of developed flow.

ANDREWS, ASBURY & ROBERT, INC.
CONSULTING ENGINEERS
ALBUQUERQUE NEW MEXICO

SHEET 1 OF 2

RECORD DRAWING

AS BUILT INFORMATION
CONTRACTOR KNC Inc.
WORK STAKED BY A.A. & R. DATE 8-23-84
INSPECTED BY DATE 8-29-84
ASBUILT DATA BY DATE 1-23-86
FIELD VERIFICATION BY A.A. & R. DATE 10-7-84
DRAWINGS CORRECTED BY A.A. & R. DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
REGISTERED PROFESSIONAL ENGINEER STATE OF NEW MEXICO No. 3960 JOHN W. MOORE

ANDREWS, ASBURY & ROBERT, INC.
CONSULTING ENGINEERS
ALBUQUERQUE NEW MEXICO

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY PMO DATE June 83
DRAWN BY DATE June 83
CHECKED BY GJ DATE June 83

26 1865 02 84

APPROVED FOR CONSTRUCTION
CITY ENGINEER C.D. Hyatt DATE 9/6/83
MH for CBO

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

AGP/MONTBEL DETENTION BASIN
SUBDIVISION PLAT

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	C.D. Hyatt	9/6/83	Liquid Waste	LM WEJ	9-1-83
A.C.E.-Design	G. Kilbert	31 Aug 83	Traffic	N.A.	
A.C.E.-Hydrology	E.J. Rogers	9/12/83	Water	NB WEJ	9-1-83

DRAWING NO. 1865 | MAP NO. F-15 & F-16 | SHEET 2 OF 10

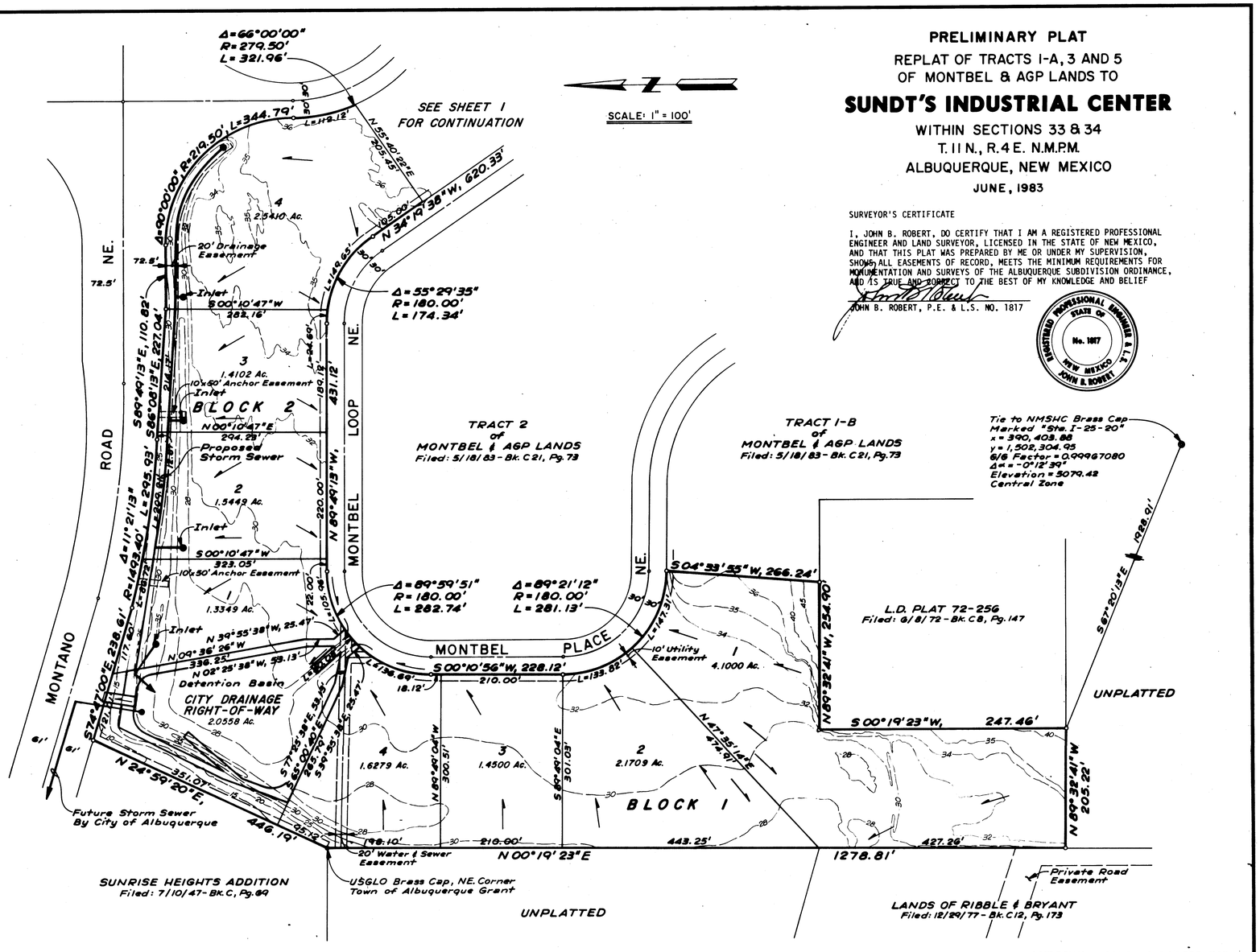
PRELIMINARY PLAT

REPLAT OF TRACTS I-A, 3 AND 5
OF MONTBEL & AGP LANDS TO

SUNDT'S INDUSTRIAL CENTER

WITHIN SECTIONS 33 & 34
T. 11 N., R. 4 E. N.M.P.M.
ALBUQUERQUE, NEW MEXICO
JUNE, 1983

SCALE: 1" = 100'



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JOHN B. ROBERT, P.E. & L.S. NO. 1817

REGISTERED PROFESSIONAL ENGINEER & L.S. STATE OF NEW MEXICO No. 1817 JOHN B. ROBERT

ANDREWS, ASBURY & ROBERT, INC.
CONSULTING ENGINEERS
ALBUQUERQUE NEW MEXICO

SHEET 2 OF 2

RECORD DRAWING

AS BUILT INFORMATION

CONTRACTOR	K-NC Inc.
WORK STAKED BY	A.A. & R. DATE 8-83
INSPECTOR'S ACCEPTANCE BY	DATE 1-25-84
FIELD VERIFICATION BY	A.A. & R. DATE 2-84
DRAWINGS CORRECTED BY	A.A. & R. DATE 7-84
	MICRO-FILM INFORMATION
RECORDED BY	DATE
NO.	

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

REGISTERED PROFESSIONAL ENGINEER STATE OF NEW MEXICO JOHN A. ANDREWS 6960

ANDREWS, ASBURY & ROBERT, INC.
CONSULTING ENGINEERS
ALBUQUERQUE NEW MEXICO
R3-325

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN DATE June 83
DESIGNED BY PMO DATE June 83
DRAWN BY DATE
CHECKED BY GJ DATE June 83

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

APPROVED FOR CONSTRUCTION
CITY ENGINEER MHC-CRO DATE 9/1/83

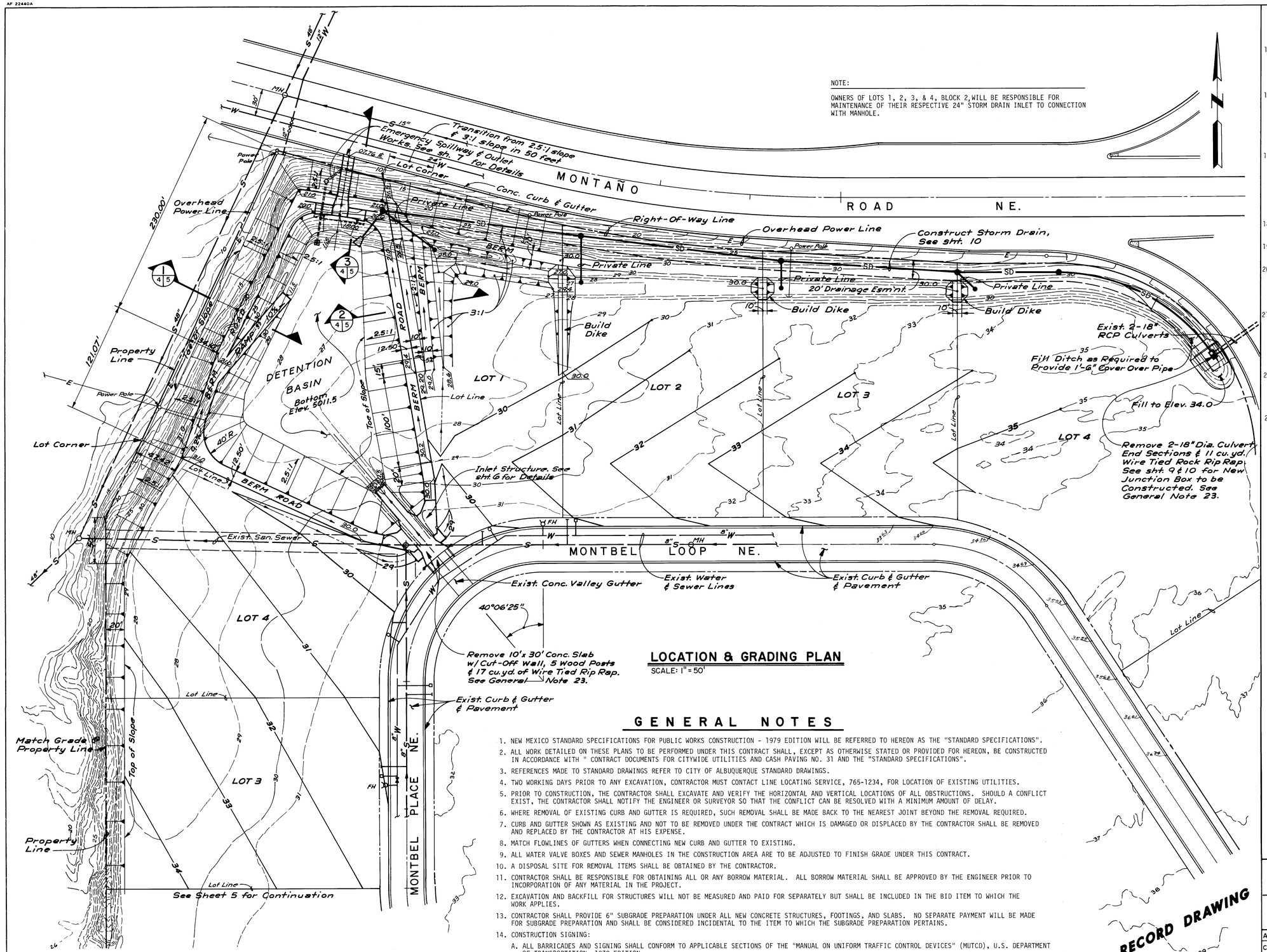
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

AGP/MONTBEL DETENTION BASIN
SUBDIVISION PLAT

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	C.A. Hupperd	9/6/83	Liquid Waste	N.A.	9-1-83
A.C.E.-Design		8/31/83	Traffic	N.A.	
A.C.E.-Hydrology		8/24/83	Water	N.A.	9-1-83

DRAWING NO. 1865 | MAP NO. F-15 & F-16 | SHEET 3 OF 10

AF 22440A



NOTE:

OWNERS OF LOTS 1, 2, 3, & 4, BLOCK 2, WILL BE RESPONSIBLE FOR MAINTENANCE OF THEIR RESPECTIVE 24" STORM DRAIN INLET TO CONNECTION WITH MANHOLE.

LOCATION & GRADING PLAN

SCALE: 1" = 50'

GENERAL NOTES

1. NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - 1979 EDITION WILL BE REFERRED TO HEREON AS THE "STANDARD SPECIFICATIONS".
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH " CONTRACT DOCUMENTS FOR CITYWIDE UTILITIES AND CASH PAVING NO. 31 AND THE "STANDARD SPECIFICATIONS".
3. REFERENCES MADE TO STANDARD DRAWINGS REFER TO CITY OF ALBUQUERQUE STANDARD DRAWINGS.
4. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
5. 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.
6. WHERE REMOVAL OF EXISTING CURB AND GUTTER IS REQUIRED, SUCH REMOVAL SHALL BE MADE BACK TO THE NEAREST JOINT BEYOND THE REMOVAL REQUIRED.
7. CURB AND GUTTER SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THE CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
8. MATCH FLOWLINES OF GUTTERS WHEN CONNECTING NEW CURB AND GUTTER TO EXISTING.
9. ALL WATER VALVE BOXES AND SEWER MANHOLES IN THE CONSTRUCTION AREA ARE TO BE ADJUSTED TO FINISH GRADE UNDER THIS CONTRACT.
10. A DISPOSAL SITE FOR REMOVAL ITEMS SHALL BE OBTAINED BY THE CONTRACTOR.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL OR ANY BORROW MATERIAL. ALL BORROW MATERIAL SHALL BE APPROVED BY THE ENGINEER PRIOR TO INCORPORATION OF ANY MATERIAL IN THE PROJECT.
12. EXCAVATION AND BACKFILL FOR STRUCTURES WILL NOT BE MEASURED AND PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE BID ITEM TO WHICH THE WORK APPLIES.
13. CONTRACTOR SHALL PROVIDE 6" SUBGRADE PREPARATION UNDER ALL NEW CONCRETE STRUCTURES, FOOTINGS, AND SLABS. NO SEPARATE PAYMENT WILL BE MADE FOR SUBGRADE PREPARATION AND SHALL BE CONSIDERED INCIDENTAL TO THE ITEM TO WHICH THE SUBGRADE PREPARATION PERTAINS.
14. CONSTRUCTION SIGNING:
    - A. ALL BARRICADES AND SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), U.S. DEPARTMENT OF TRANSPORTATION, 1978 EDITION.
    - B. CONTRACTOR SHALL PREPARE A CONSTRUCTION SIGNING PLAN AND OBTAIN APPROVAL OF SUCH PLAN FROM THE CITY OF ALBUQUERQUE, TRAFFIC ENGINEERING DEPARTMENT, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO MONTANO ROAD N.E.
    - C. CONTRACTOR SHALL MAINTAIN ALL BARRICADES AND SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADES AT THE END AND AT THE BEGINNING OF EACH DAY.

(GEN. NOTES CONT. ABOVE)

GENERAL NOTES (CONTINUED)

15. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL OBJECTIONABLE MATERIAL FROM THE CONSTRUCTION AREA. PAYMENT FOR SUCH REMOVAL SHALL BE MADE UNDER THE BID ITEM - REMOVAL OF STRUCTURES & OBSTRUCTIONS.
16. EXCAVATION WITHIN THE CONSTRUCTION AREA WILL BE PAID FOR UNDER THE BID ITEM - UNCLASSIFIED EXCAVATION, AND SUCH PAYMENT SHALL INCLUDE THE PLACEMENT AND COMPACTION OF EXCAVATED MATERIAL IN EMBANKMENTS IN CONFORMANCE WITH SECTION 203 - FILL CONSTRUCTION.
17. ITEMS OF CONSTRUCTION INCLUDED IN THE BID PROPOSAL THAT ARE BID PER EACH OR LUMP SUM WILL NOT BE MEASURED AND PAID FOR PER CUBIC YARD. SUCH BID ITEMS THAT ARE BID PER EACH OR LUMP SUM SHALL INCLUDE ALL CONCRETE, REINFORCING STEEL, EXCAVATION AND BACKFILL, AND ALL OTHER WORK FOR A COMPLETE INSTALLATION.
18. REINFORCED CONCRETE STRUCTURES SHALL HAVE REINFORCING STEEL CONTINUOUS AT ALL CORNERS
19. DOWELS SHALL BE PROVIDED AT ALL CONNECTIONS OF REINFORCED CONCRETE CONSTRUCTION.
20. ALL EXPOSED CONCRETE SURFACES, TO A MINIMUM OF 6 INCHES BELOW FINISHED GRADE, SHALL BE FINISHED WITH "THOROSEAL" AS PER NMSHD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, PARAGRAPH 509.037, TYPE I.
21. 24" RCP FOR STORM DRAIN INLETS WILL BE MEASURED PER LINEAR FT. ALONG THE CENTER-LINE OF THE PIPE FROM CENTERLINE OF MANHOLE, THROUGH THE 90° ELL FITTING AND VERTICAL TO THE TOP OF THE PIPE. BID ITEM FOR 90° ELL FITTING SHALL INCLUDE THE COST FOR SPECIAL FABRICATION ONLY.
22. TRENCHING AND BACKFILLING FOR STORM DRAIN INLETS WILL BE MEASURED HORIZONTAL ONLY FROM CENTERLINE OF MANHOLE TO CENTERLINE OF VERTICAL 24" RCP INLET.
23. CONTRACTOR SHALL CALL CITY STREET DIVISION TELE: 766-7755 FOR PICK UP AND COLLECTION OF RIPRAP MATERIAL.

LEGEND

- 36 — Existing Contours
- 34 — New Finish Grade Contours
- 21.0 New Finish Grade Spot Elevation

26. 1865. 0484

M.L. for CRO 9/12/83

AS BUILT INFORMATION		
CONTRACTOR	KNC Inc.	
WORK STAKED BY	A.A. & R.	DATE 8-23-84
INSPECTOR'S ACCEPTANCE BY		DATE 10-25-84
FIELD VERIFICATION BY	A.A. & R.	DATE 11-25-84
DRAWINGS CORRECTED BY	A.A. & R.	DATE 2-7-84
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO.		

BENCH MARKS

ACS STA. 2-F16 ELEVATION = 5062.08
STANDARD ACS BRASS TABLET ON TOP OF CONCRETE POST PROJECTING 0.2 FT. ABOVE GROUND LOCATED 0.4 MILE WEST OF I-25 IN THE MEDIAN ON MONTANO ROAD N.E.

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

REGISTERED PROFESSIONAL ENGINEER — STATE OF NEW MEXICO — 3960 — JOHN A. ANDREWS

ANDREWS, ASBURY & ROBERT, INC.
CONSULTING ENGINEERS
ALBUQUERQUE 83-326 NEW MEXICO

REVISIONS			
NO.	DATE	REMARKS	BY

DESIGN		
DESIGNED BY	JA	DATE Aug. 1983
DRAWN BY	JCS, PMO	DATE Aug. 1983
CHECKED BY	JA	DATE Aug. 1983

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

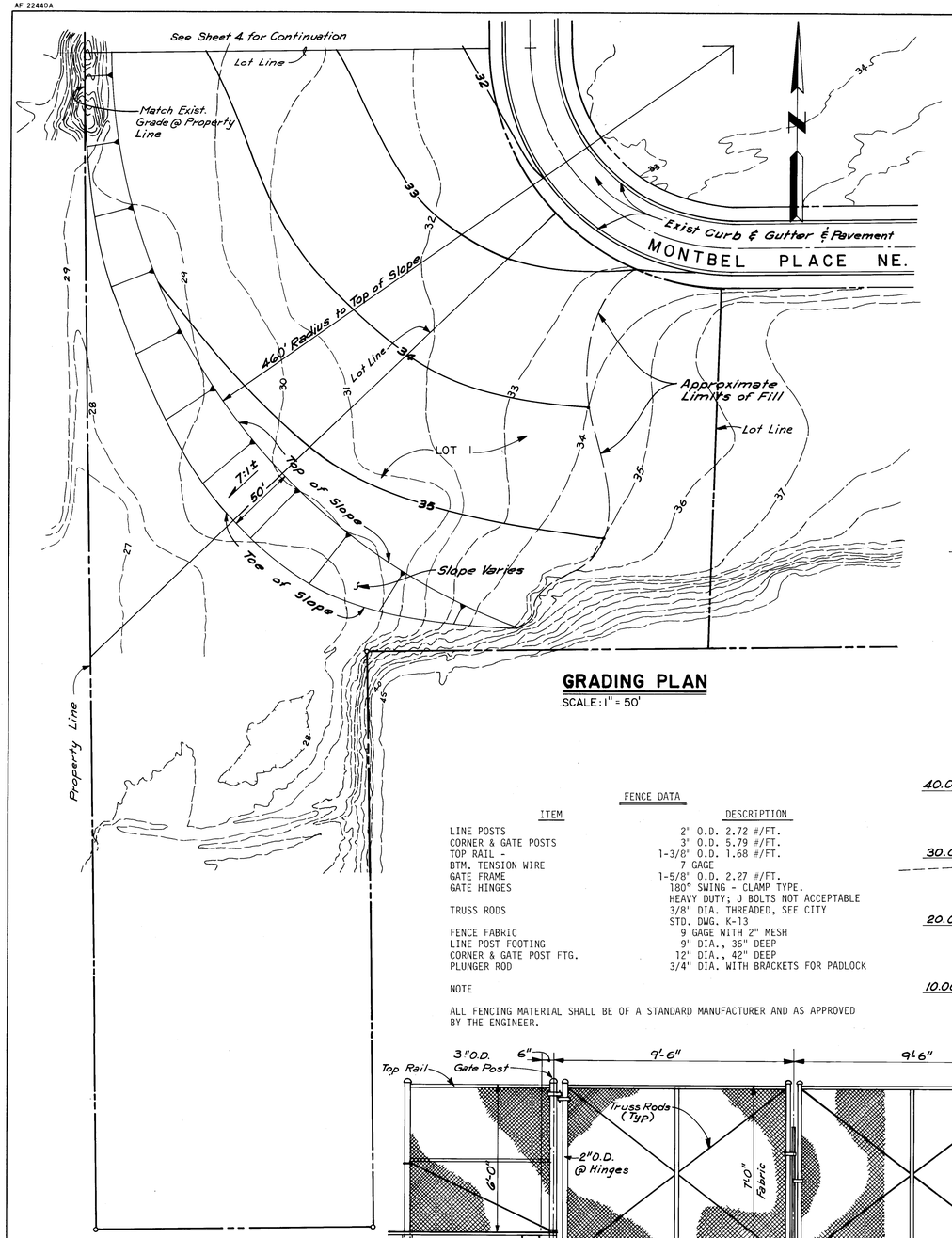
AGP/MONTBEL DETENTION BASIN

LOCATION & GRADING PLAN & GENERAL NOTES

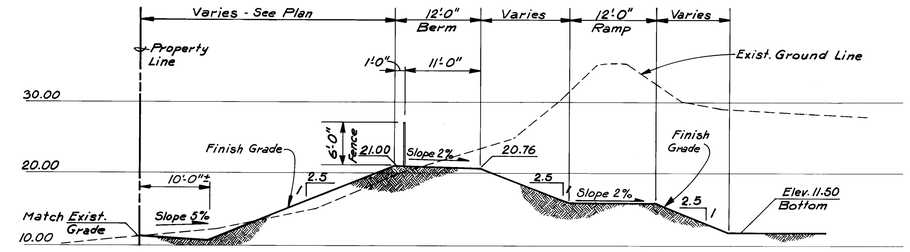
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		9/14/83	Liquid Waste	N.A.	9-1-83
A.C.E.-Design		8/Aug 83	Traffic	N.A.	
A.C.E.-Hydrology		9/12/83	Water	N.A.	9-1-83

DRAWING NO.	MAP NO.	SHEET	OF
1865	F-15 & F-16	4	10

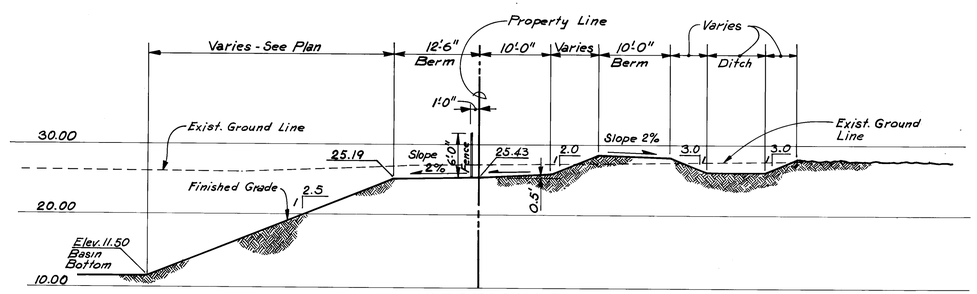
AF 22440A



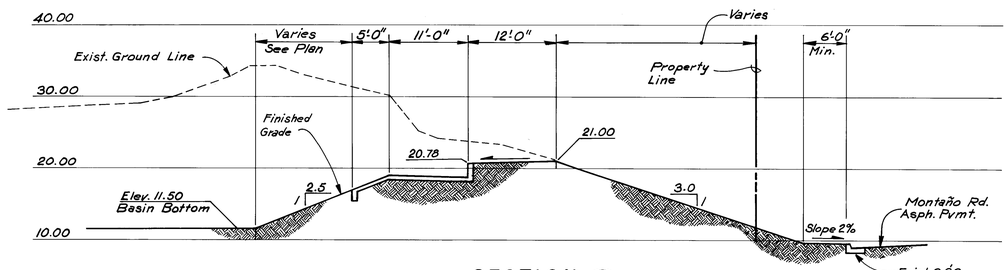
GRADING PLAN
SCALE: 1" = 50'



SECTION 1 (4 5)
SCALE: 1" = 10'



SECTION 2 (4 5)
SCALE: 1" = 10'



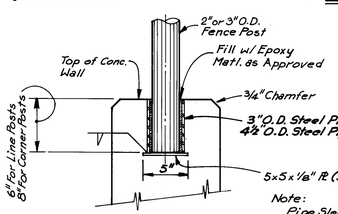
SECTION 3 (4 5)
SCALE: 1" = 10'

FENCE DATA

ITEM	DESCRIPTION
LINE POSTS	2" O.D. 2.72 #/FT.
CORNER & GATE POSTS	3" O.D. 5.79 #/FT.
TOP RAIL -	1-3/8" O.D. 1.68 #/FT.
BTM. TENSION WIRE	7 GAGE
GATE FRAME	1-5/8" O.D. 2.27 #/FT.
GATE HINGES	180° SWING - CLAMP TYPE. HEAVY DUTY; J BOLTS NOT ACCEPTABLE
TRUSS RODS	3/8" DIA. THREADED, SEE CITY STD. DWG. K-13
FENCE FABRIC	9 GAGE WITH 2" MESH
LINE POST FOOTING	9" DIA., 36" DEEP
CORNER & GATE POST FTG.	12" DIA., 42" DEEP
PLUNGER ROD	3/4" DIA. WITH BRACKETS FOR PADLOCK

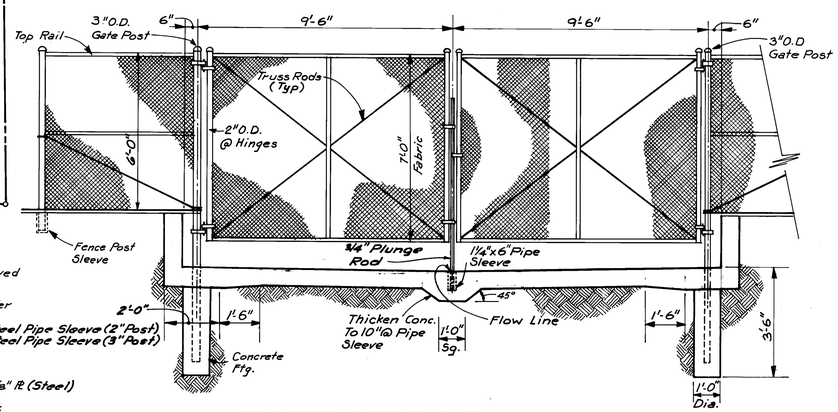
NOTE

ALL FENCING MATERIAL SHALL BE OF A STANDARD MANUFACTURER AND AS APPROVED BY THE ENGINEER.

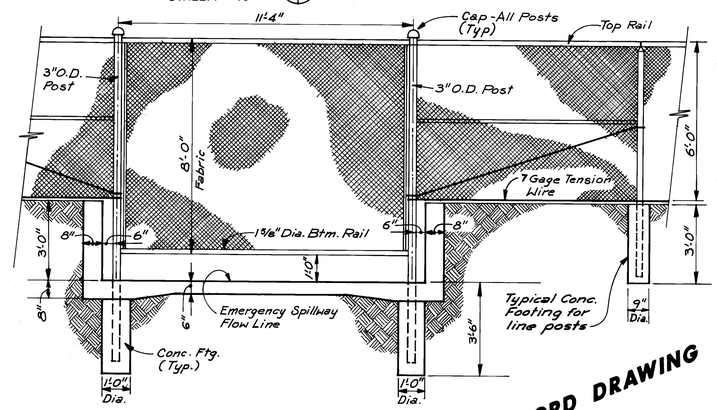


PIPE SLEEVE DETAIL
SCALE: 1 1/2" = 1'-0"

Note:
Pipe Sleeves Shall be Considered Incidental To Construction of Fence & no Separate Payment Shall be Made.



ENTRANCE GATE ELEVATION
SCALE: 3/8" = 1'-0"



FENCE AT EMERGENCY SPILLWAY
SCALE: 3/8" = 1'-0"

RECORD DRAWING

AS BUILT INFORMATION
CONTRACTOR KNC Inc.
WORK STAKED BY A.A. & R. DATE 8-23-84
INSPECTED BY DATE 7-24-84
ACCEPTANCE BY DATE 1-25-84
FIELD VERIFICATION BY A.A. & R. DATE 1-25-84
DRAWINGS CORRECTED BY A.A. & R. DATE 1-27-84
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA. 2-F16 ELEVATION = 5062.08
STANDARD ACS BRASS TABLET ON TOP OF CONCRETE POST PROJECTING 0.2 FT. ABOVE GROUND LOCATED 0.4 MILE WEST OF I-25 IN THE MEDIAN ON MONTANO ROAD N.E.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
REGISTERED PROFESSIONAL ENGINEER JOHN A. ASBURY STATE OF NEW MEXICO 5960
ASBURY & ROBERT, INC.
CONSULTING ENGINEERS
ALBUQUERQUE
83-326

26 1 B165 05.84

C. A. Hayward 9/6/83
MH for CRD 9/6/83

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGNED BY JA DATE Aug. 1983
DRAWN BY JCS, PMO, JJ DATE Aug. 1983
CHECKED BY JA DATE Aug. 1983

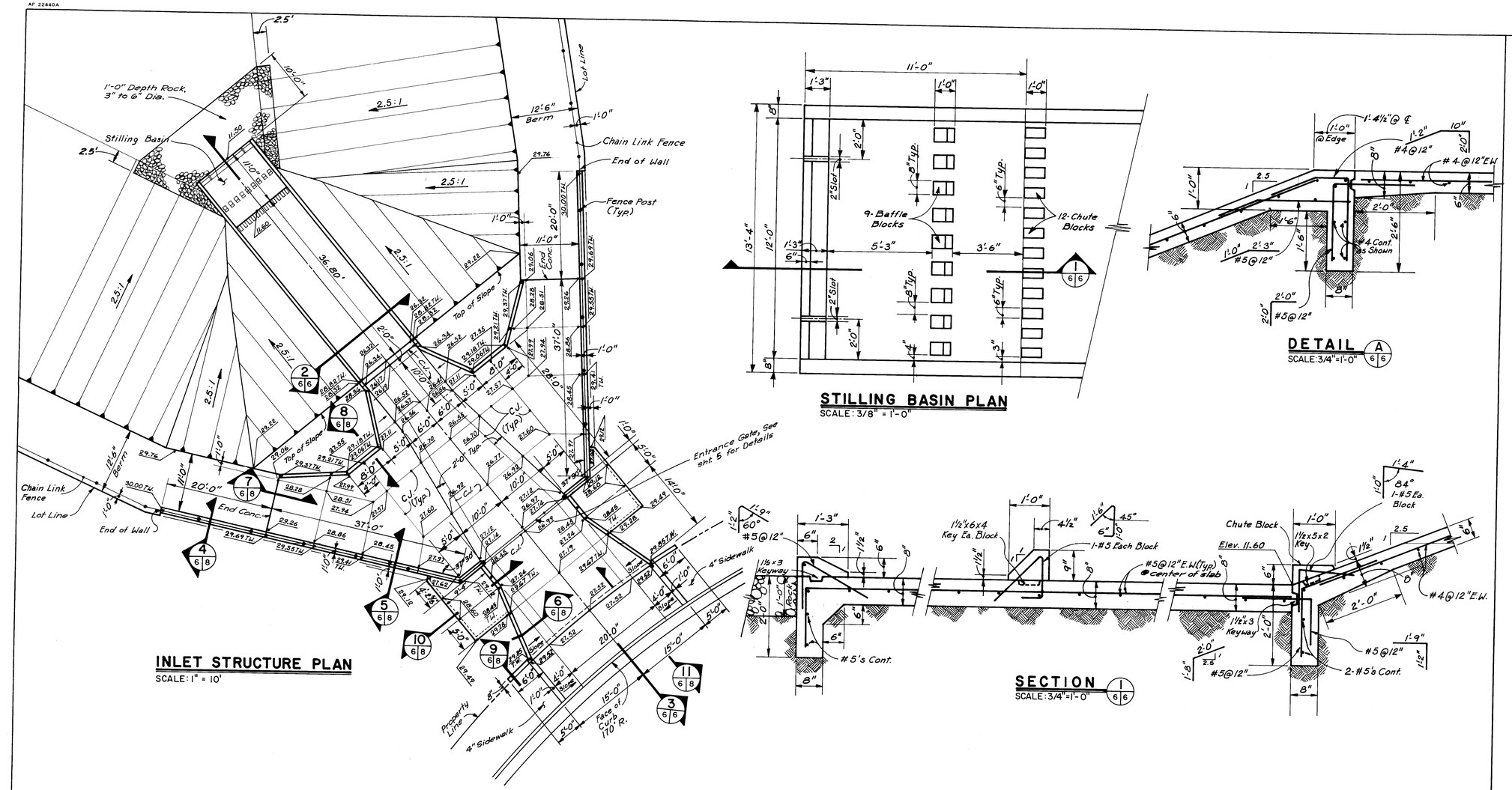
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

AGP/MONTBEL DETENTION BASIN
GRADING PLAN, SECTIONS & DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	C.A. Hayward	9/6/83	Liquid Waste	JA WBG	9-1-83
A.C.E.-Design 12.C. 8/31/83	G. Kiolach	9/1/Aug 83	Traffic	C.A. Hayward	9-2-83
A.C.E.-Hydrology	F. Yuan	9/12/83	Water	NA WBG	9-1-83

DRAWING NO. 1865 MAP NO. F-15 & F-16 SHEET 5 OF 10

AF 22440A

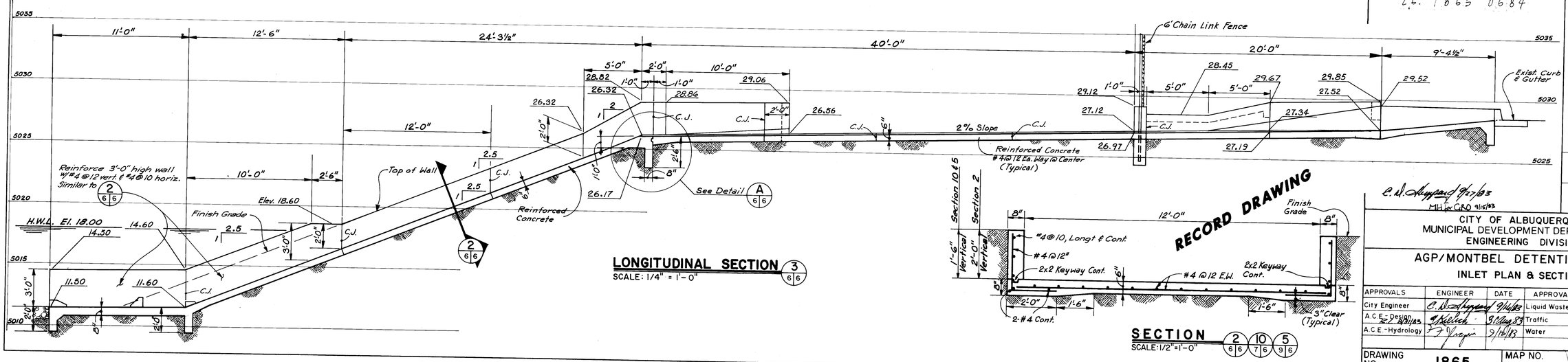


INLET STRUCTURE PLAN
SCALE: 1" = 10'

STILLING BASIN PLAN
SCALE: 3/8" = 1'-0"

NOTE:
3/4" Chamfer all exposed Concrete Edges - Typical.

2.6. 1865 0.684



C. A. Aufmuth 9/27/83
MH for CAO 9/15/83

AS BUILT INFORMATION	
CONTRACTOR	KNC Inc.
WORK STAKED BY	A.A. & R. DATE 8-83
INSPECTOR'S ACCEPTANCE BY	DATE 1-84
FIELD VERIFICATION BY	A.A. & R. DATE 1-25-84
GROUND LOCATION 0.4 MILE WEST OF I-25 IN THE MEDIAN ON MONTANO ROAD N.E.	
DRAWINGS CORRECTED BY	A.A. & R. DATE 8-7-84
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS

ACS STA. 2-F16 ELEVATION = 5062.08
STANDARD ACS BRASS TABLET ON TOP OF CONCRETE POST PROJECTING 0.2 FT. ABOVE

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
REGISTERED PROFESSIONAL ENGINEER STATE OF NEW MEXICO NO. 4260 ANDREWS

ANDREWS, ASBURY & ROBERT, INC.
CONSULTING ENGINEERS
ALBUQUERQUE 82-286 NEW MEXICO

NO.	DATE	REMARKS	BY

REVISIONS

		DATE
DESIGNED BY	JA	Aug. 1983
DRAWN BY	JJ	Aug. 1983
CHECKED BY	JA	Aug. 1983

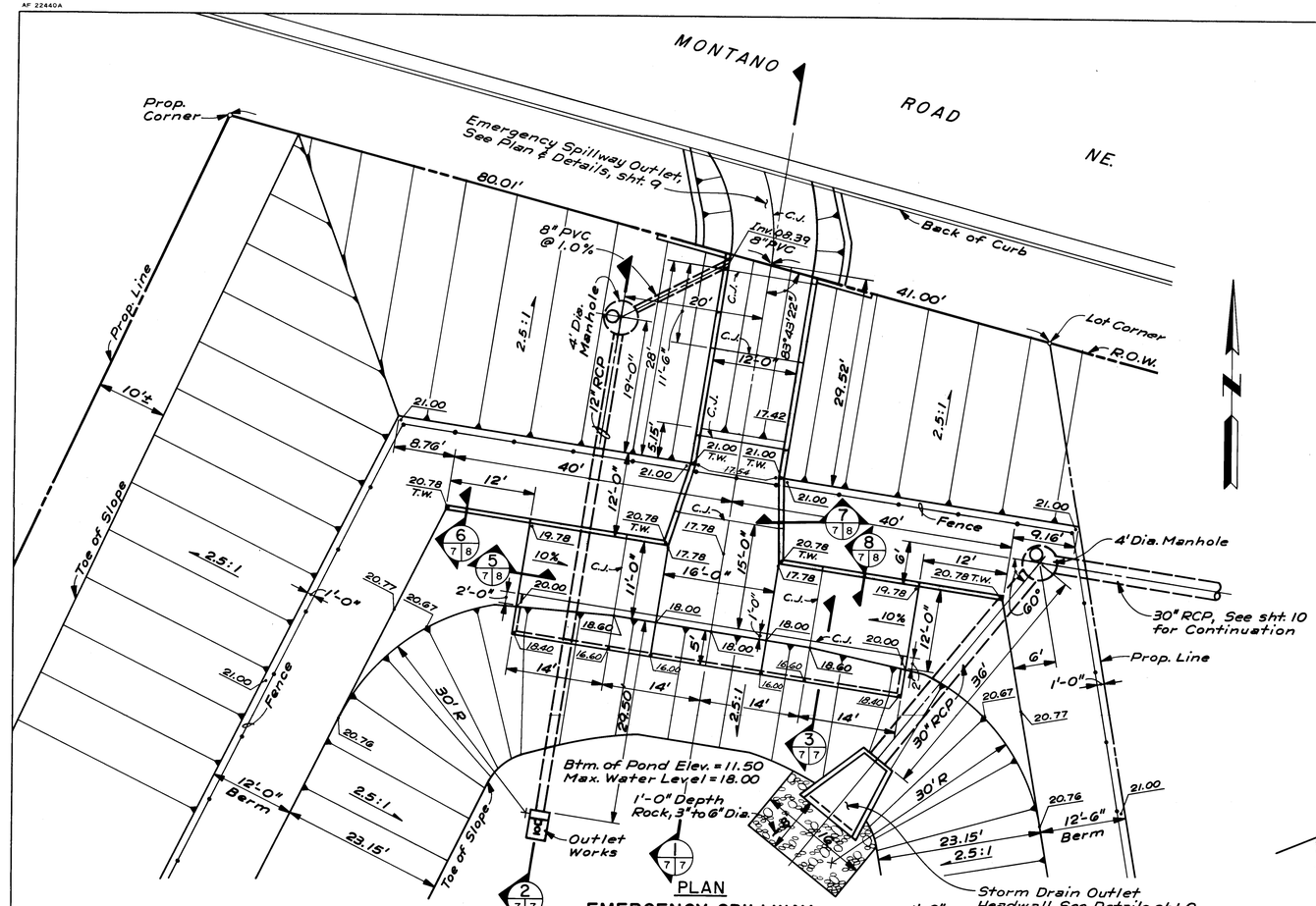
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

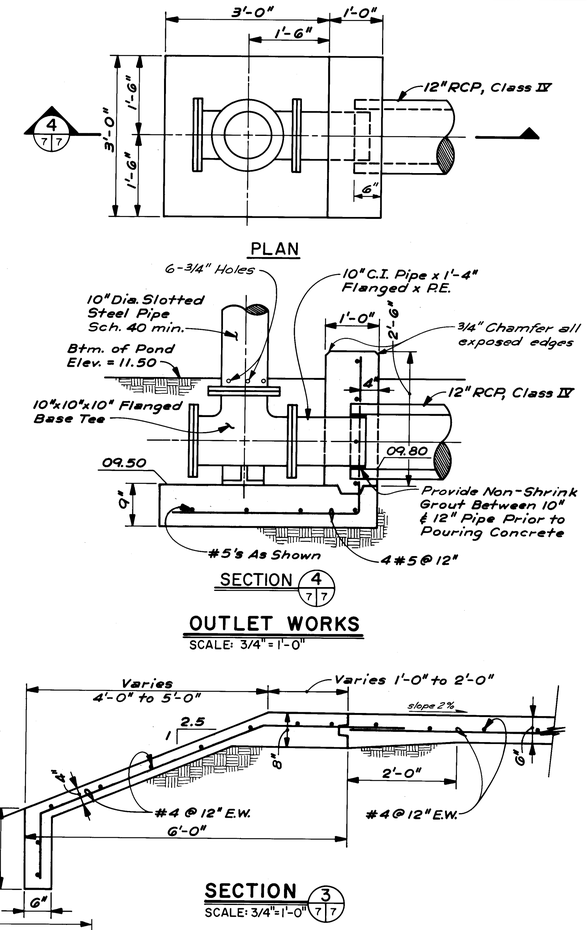
AGP/MONTBEL DETENTION BASIN
INLET PLAN & SECTIONS

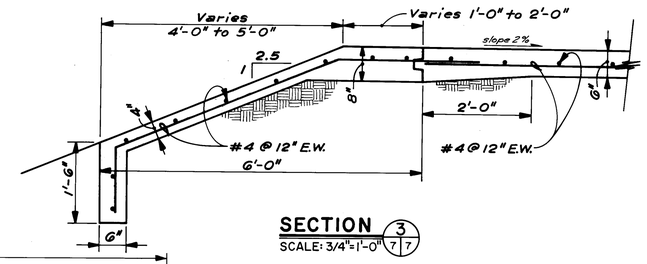
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	C. A. Aufmuth	9/16/83	Liquid Waste		9-1-83
A.C.E.-Design		9/21/83	Traffic		9-9-83
A.C.E.-Hydrology		9/16/83	Water		9-1-83

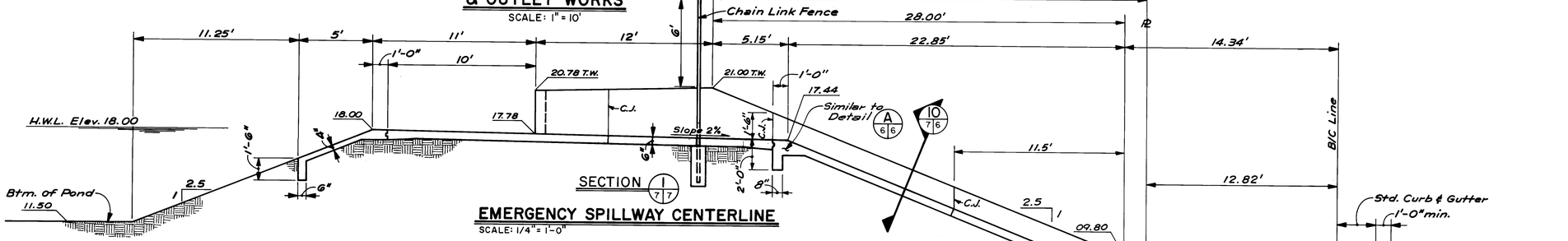
DRAWING NO.	MAP NO.	SHEET	OF
1865	F-15 & F-16	6	10

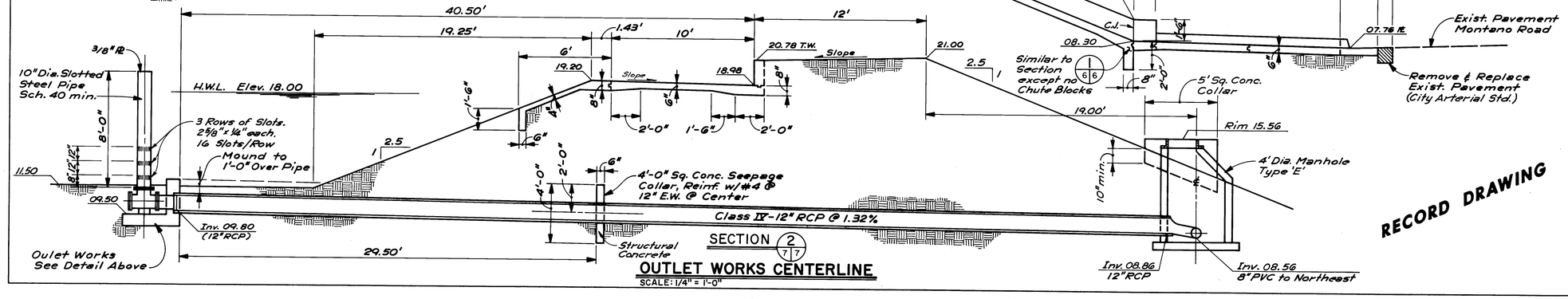
AF 22440A











NOTE:
3/4" Chamfer all exposed Concrete Edges - Typical.

26 1865 0784

M.H. for CRD 9/15/83

RECORD DRAWING

AS BUILT INFORMATION

CONTRACTOR K NC Inc.
WORK STAKED BY A.A. & R. DATE 9-83
INSPECTOR'S ACCEPTANCE BY DATE 1-25-84
FIELD VERIFICATION BY A.A. & R. DATE 1-25-84
DRAWINGS CORRECTED BY A.A. & R. DATE 1-25-84

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA. 2-F16 ELEVATION = 5062.08
STANDARD ACS BRASS TABLET ON TOP OF CONCRETE POST PROJECTING 0.2 FT. ABOVE GROUND LOCATED 0.4 MILE WEST OF I-25 IN THE MEDIAN ON MONTANO ROAD N.E.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
REGISTERED PROFESSIONAL ENGINEER STATE OF NEW MEXICO No. 3960 ANDREW A. ASBURY

ANDREWS, ASBURY & ROBERT, INC.
CONSULTING ENGINEERS
ALBUQUERQUE 883-3326 NEW MEXICO

REVISIONS

NO.	DATE	REMARKS	BY

DESIGN
DESIGNED BY JA DATE Aug. 1983
DRAWN BY PMO DATE Aug. 1983
CHECKED BY JA DATE Aug. 1983

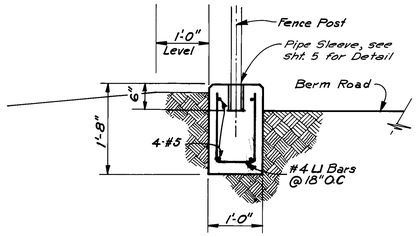
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

AGP/MONTBEL DETENTION BASIN
SPILLWAY & OUTLET WORKS

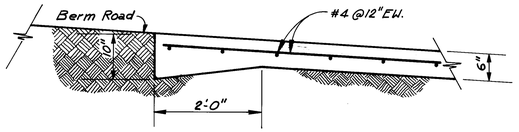
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		9/16/83	Liquid Waste	NA	9-1-83
A.C.E.-Design		8/29/83	Traffic		9-9-83
A.C.E.-Hydrology		9/12/83	Water	NA	9-1-83

DRAWING NO. 1865 MAP NO. F-15 & F-16 SHEET 7 OF 10

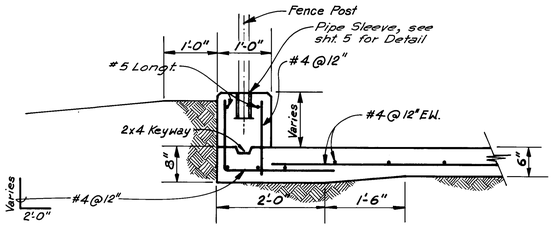
AF 22440A



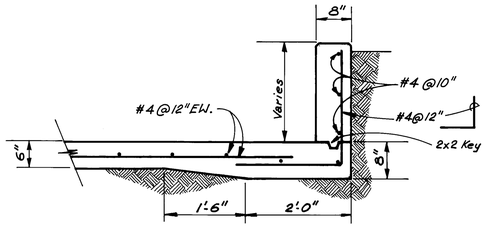
SECTION 4 (6|8)
SCALE: 3/4" = 1'-0"



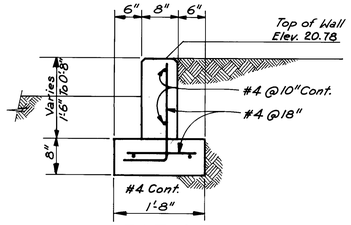
SECTION 7 5 (6|8 7|8)
SCALE: 3/4" = 1'-0"



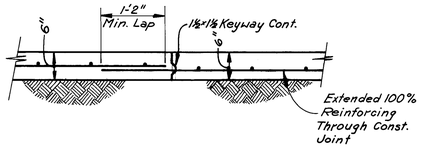
SECTION 5 (6|8)
SCALE: 3/4" = 1'-0"



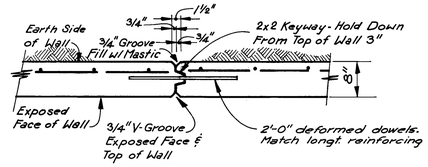
SECTION 8 7 8 (6|8 7|8 7|8)
SCALE: 3/4" = 1'-0"



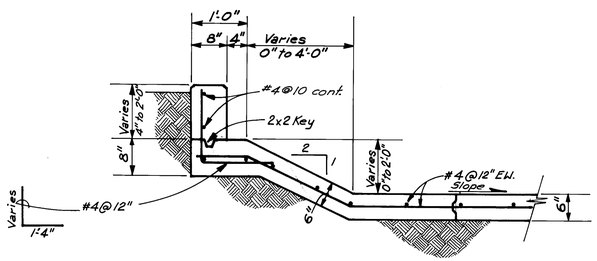
SECTION 6 (7|8)
SCALE: 3/4" = 1'-0"



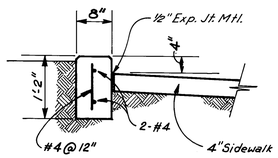
SLAB ON GRADE
TYPICAL CONSTRUCTION JOINT
SCALE: 3/4" = 1'-0"



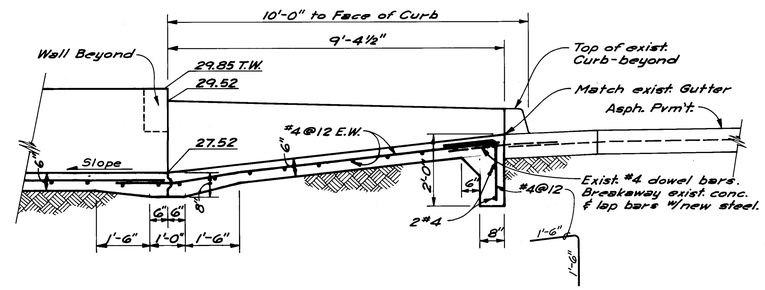
TYPICAL-WALL CONSTRUCTION JOINT
SCALE: 3/4" = 1'-0"



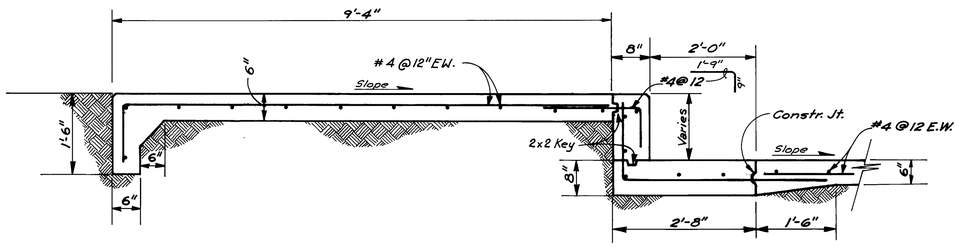
SECTION 6 (6|8)
SCALE: 3/4" = 1'-0"



SECTION 9 (6|8)
SCALE: 3/4" = 1'-0"



SECTION 11 (6|8)
SCALE: 1/2" = 1'-0"



SECTION 10 (6|8)
SCALE: 3/4" = 1'-0"

NOTE:
3/4" Chamfer all exposed Concrete Edges - Typical.

26 1865 0884

C.H. Shepherd 9/21/83
MH for GRO 9/13/83

RECORD DRAWING

AS BUILT INFORMATION
CONTRACTOR KNC Inc.
WORK STAKED BY A.A. & R. DATE 8-83
INSPECTOR'S ACCEPTANCE BY DATE 7-84
FIELD VERIFICATION BY A.A. & R. DATE 9-25-84
DRAWINGS CORRECTED BY A.A. & R. DATE 9-27-84
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA. 2-F16 ELEVATION = 5062.08
STANDARD ACS BRASS TABLET ON TOP OF CONCRETE POST PROJECTING 0.2 FT. ABOVE GROUND LOCATED 0.4 MILE WEST OF I-25 IN THE MEDIAN ON MONTANO ROAD N.E.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
REGISTERED PROFESSIONAL ENGINEER JOHN A. ANDREWS STATE OF NEW MEXICO 5966

ANDREWS, ASBURY & ROBERT, INC.
CONSULTING ENGINEERS
ALBUQUERQUE NEW MEXICO 83-5268

REVISIONS
NO. DATE BY REMARKS

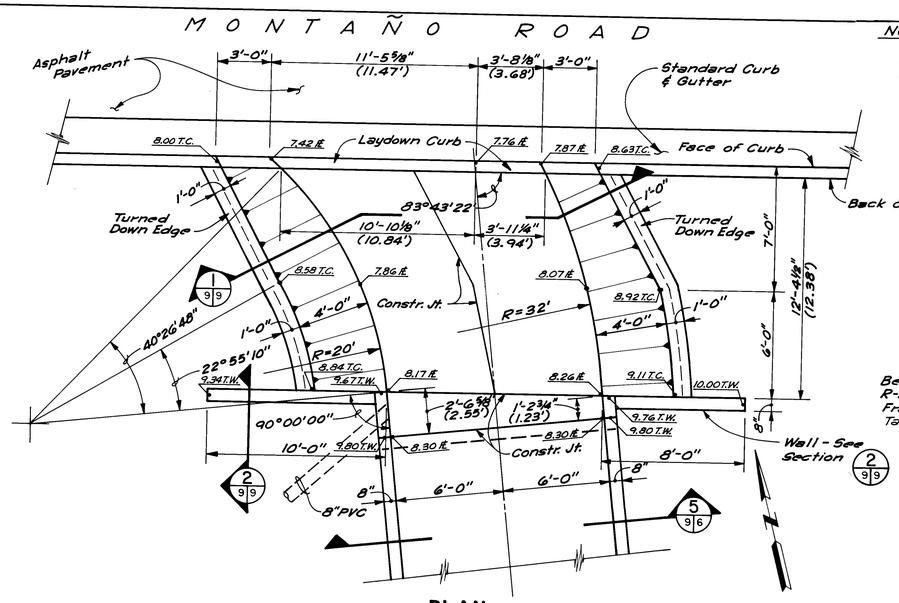
DESIGN
DESIGNED BY JA DATE Aug. 1983
DRAWN BY JJ DATE Aug. 1983
CHECKED BY JA DATE Aug. 1983

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

AGP/MONTBEL DETENTION BASIN
SECTIONS & DETAILS

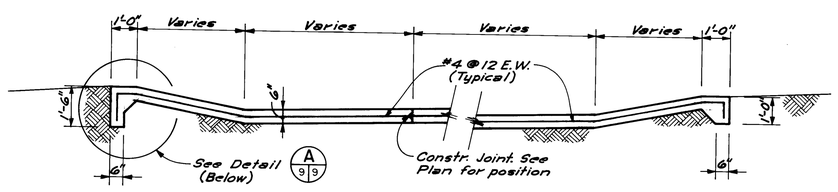
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	C.H. Shepherd	9/16/83	Liquid Waste	NA	9-1-83
A.C.E.-Design		9/16/83	Traffic	NA	
A.C.E.-Hydrology		9/12/83	Water	NA	9-1-83

DRAWING NO. 1865 | MAP NO. F-15 & F-16 | SHEET 8 OF 10

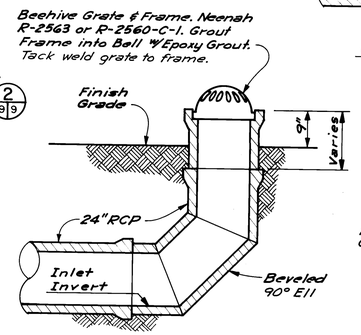


PLAN
EMERGENCY SPILLWAY OUTLET
SCALE: 1/4"=1'-0"

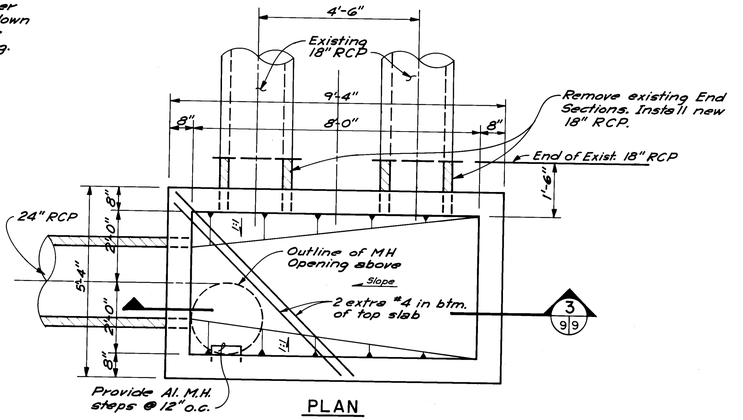
NOTE:
Remove existing curb & gutter as req'd. Replace w/new Laydown and Standup Curb & Gutter as applicable @ profile of existing.



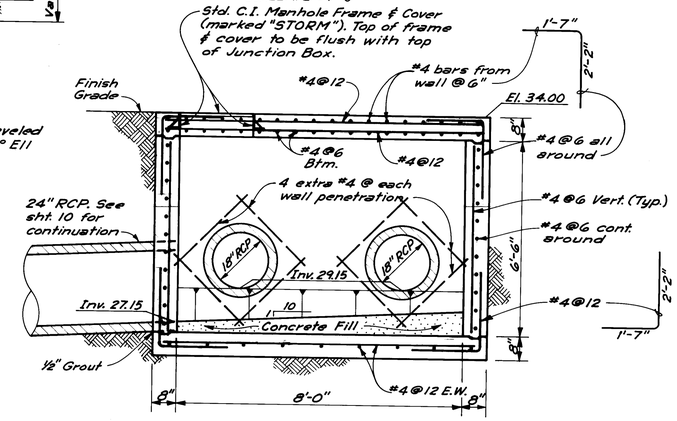
SECTION 1/9/9
SCALE: 3/8"=1'-0"



INLET DETAIL
NO SCALE

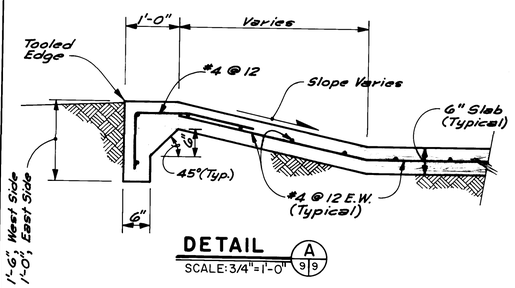


PLAN
JUNCTION BOX
SCALE: 1/2" = 1'-0"

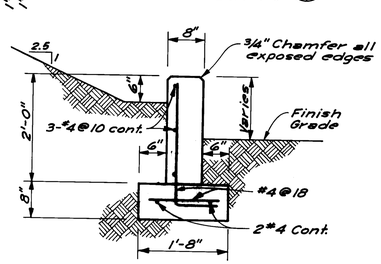


SECTION 3/9/9
SCALE: 1/2"=1'-0"

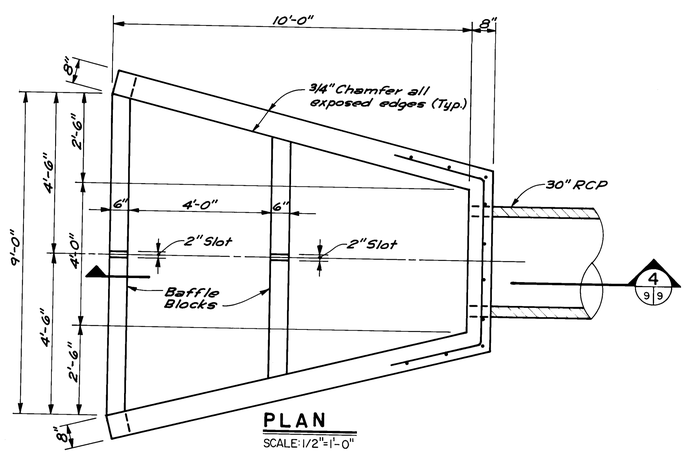
NOTE:
¾" Chamfer all exposed Concrete Edges - Typical.



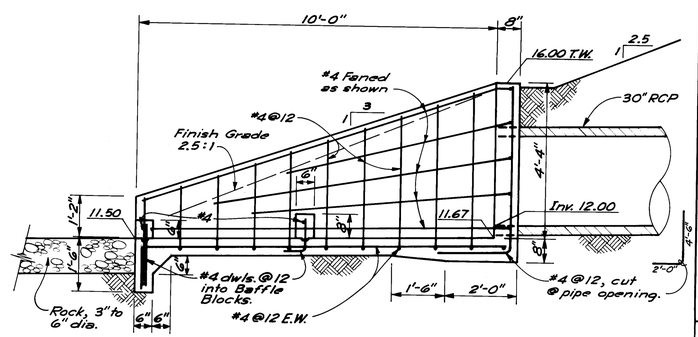
DETAIL A/9/9
SCALE: 3/4"=1'-0"



SECTION 2/9/9
SCALE: 3/4"=1'-0"



PLAN
SCALE: 1/2"=1'-0"



SECTION 4/9/9
SCALE: 1/2"=1'-0"

STORM DRAIN OUTLET HEADWALL DETAILS

RECORD DRAWING

26 1865 0984

M.H.P. GRO 9/16/86

AS BUILT INFORMATION

CONTRACTOR	KNC Inc.	
WORK STAKED BY	A.A.&R.	DATE 8-83
INSPECTORS ACCEPTANCE BY	A.A.&R.	DATE 1-25-84
FIELD VERIFICATION BY	A.A.&R.	DATE 1-25-84
DRAWINGS CORRECTED BY	A.A.&R.	DATE 02-7-84
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO.		

BENCH MARKS

ACS STA. 2-F16 ELEVATION = 5062.08
STANDARD ACS BRASS TABLET ON TOP OF CONCRETE POST PROJECTING 0.2 FT. ABOVE GROUND LOCATED 0.4 MILE WEST OF I-25 IN THE MEDIAN ON MONTANO ROAD N.E.

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

REGISTERED PROFESSIONAL ENGINEER — STATE OF NEW MEXICO — JOHN A. ANDREWS — No. 3960

ANDREWS, ASBURY & ROBERT, INC.
CONSULTING ENGINEERS
ALBUQUERQUE 83-3266 NEW MEXICO

REVISIONS

NO.	DATE	REMARKS	BY

		DATE
DESIGNED BY	JA	Aug. 1983
DRAWN BY	JCS	Aug. 1983
CHECKED BY	JA	Aug. 1983

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

AGP/MONTBEL DETENTION BASIN

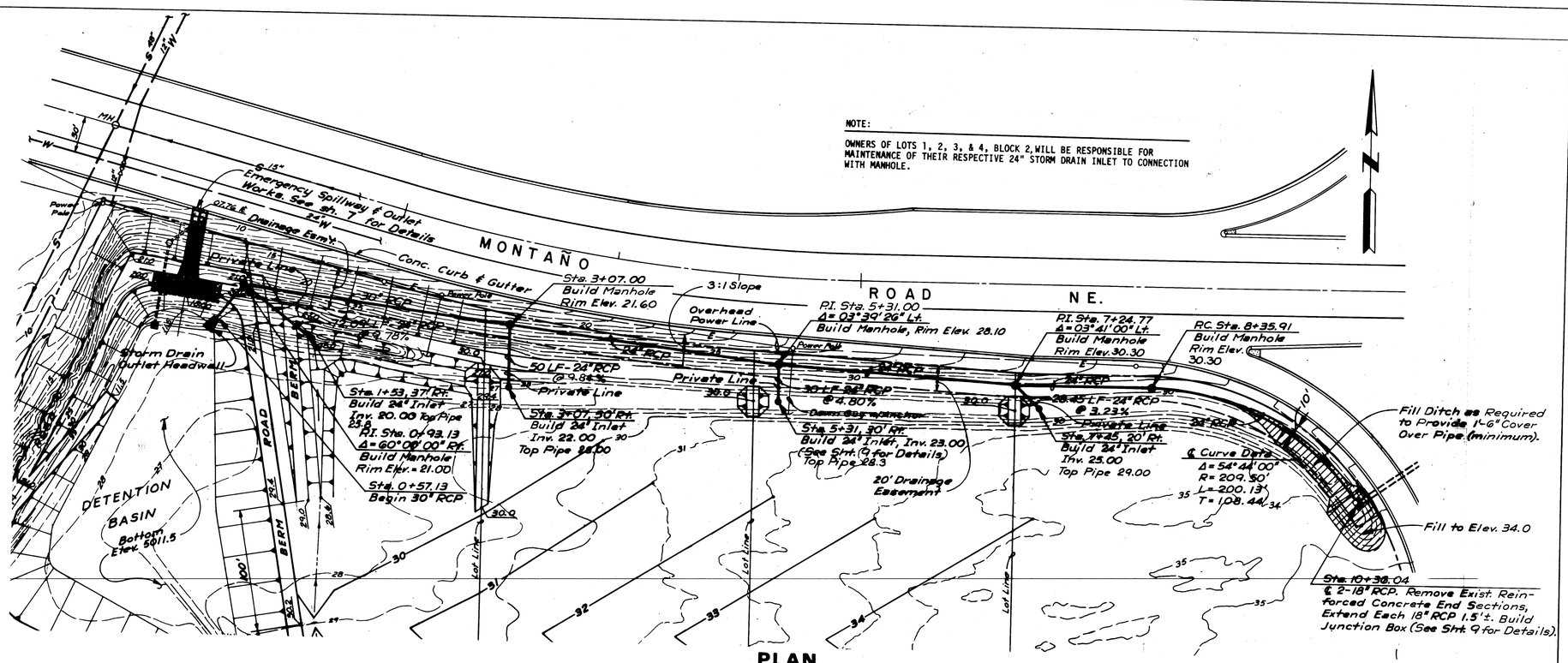
SECTIONS & DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		9/16/83	Liquid Waste		9-1-83
A.C.E. - Design		9/16/83	Traffic	N.A.	
A.C.E. - Hydrology		9/16/83	Water		9-1-83

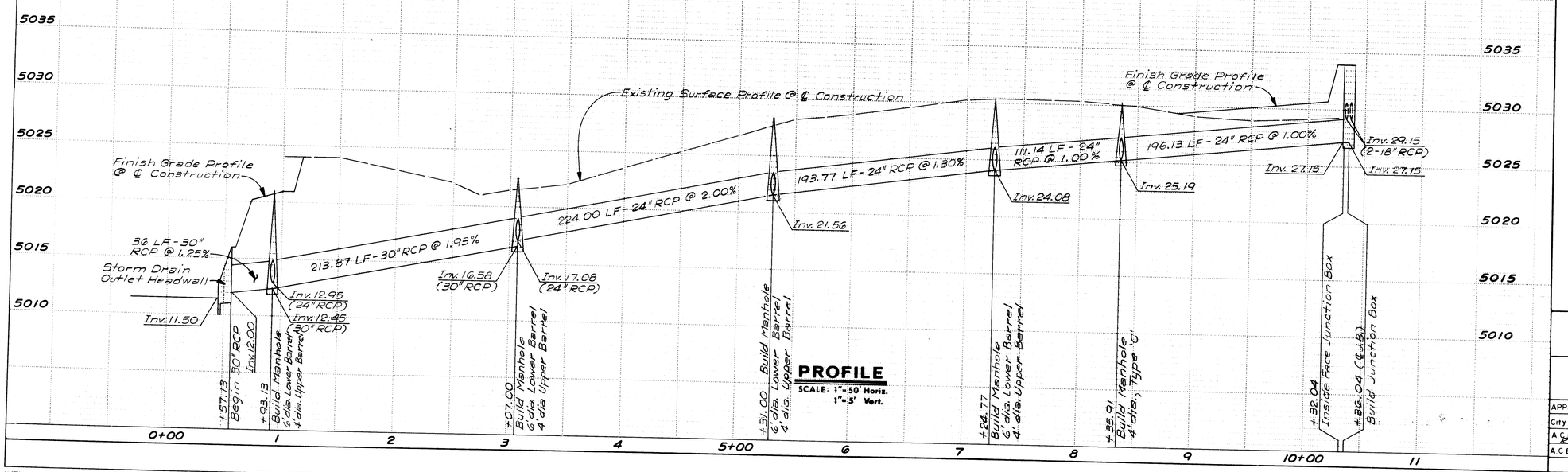
DRAWING NO.	MAP NO.	SHEET	OF
1865	F-15 & F-16	9	10

NOTE:

OWNERS OF LOTS 1, 2, 3, & 4, BLOCK 2, WILL BE RESPONSIBLE FOR MAINTENANCE OF THEIR RESPECTIVE 24" STORM DRAIN INLET TO CONNECTION WITH MANHOLE.



PLAN
SCALE: 1"=50'



PROFILE
SCALE: 1"=50' Horiz.
1"=5' Vert.

NOTE:

1. All Manholes to have aluminum MH Steps @ 12" (Typical).
2. All Manhole Covers shall be marked "STORM".

26 1865 1084

RECORD DRAWING

MH for GRD 9/16/83

AS BUILT INFORMATION

CONTRACTOR: KNC Inc.
A.M.H. STAKE BY: A.A. & R. DATE: 8-83
INSPECTOR'S ACCEPTANCE BY: A.A. & R. DATE: 7-25-84
FIELD VERIFICATION BY: A.A. & R. DATE: 10-25-84
DRAWINGS CORRECTED BY: A.A. & R. DATE: 11-1-84
MICRO-FILM INFORMATION
RECORDED BY: DATE:
NO.

BENCH MARKS

ACS STA. 2-F16 ELEVATION = 5062.08
STANDARD ACS BRASS TABLET ON TOP OF CONCRETE POST PROJECTING 0.2 FT. ABOVE GROUND LOCATED 0.4 MILE WEST OF I-25 IN THE MEDIAN ON MONTANO ROAD N.E.

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

REGISTERED PROFESSIONAL ENGINEER JOHN A. ANDREWS NEW MEXICO No. 3960 STATE OF NEW MEXICO

ANDREWS, ASBURY & ROBERT, INC.
CONSULTING ENGINEERS
ALBUQUERQUE NEW MEXICO
83-326

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY JA DATE Aug. 1983
DRAWN BY PMO DATE Aug. 1983
CHECKED BY JA DATE Aug. 1983

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

AGP/MONTBEL DETENTION BASIN

STORM DRAIN PLAN & PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		9/16/83	Liquid Waste	N.A.	9-1-83
A.C.E.-Design	R.C. 9/21/83		Traffic	N.A.	
A.C.E.-Hydrology		9/16/83	Water	N.A.	9-1-83

DRAWING NO. 1865 | MAP NO. F-15 & F-16 | SHEET 10 OF 10