

PUBLIC UTILITY CONSTRUCTION PROJECT II

INDEX TO DRAWINGS	
DRAWING NUMBER	
1	TITLE SHEET
•	_____

•	_____

11	NO. 3136 - SOUTH UNIVERSITY BOULEVARD
	WATERLINE
•	_____

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

John A. Anderson 5/19/57

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT

UNIVERSITY BOULEVARD WATERLINE

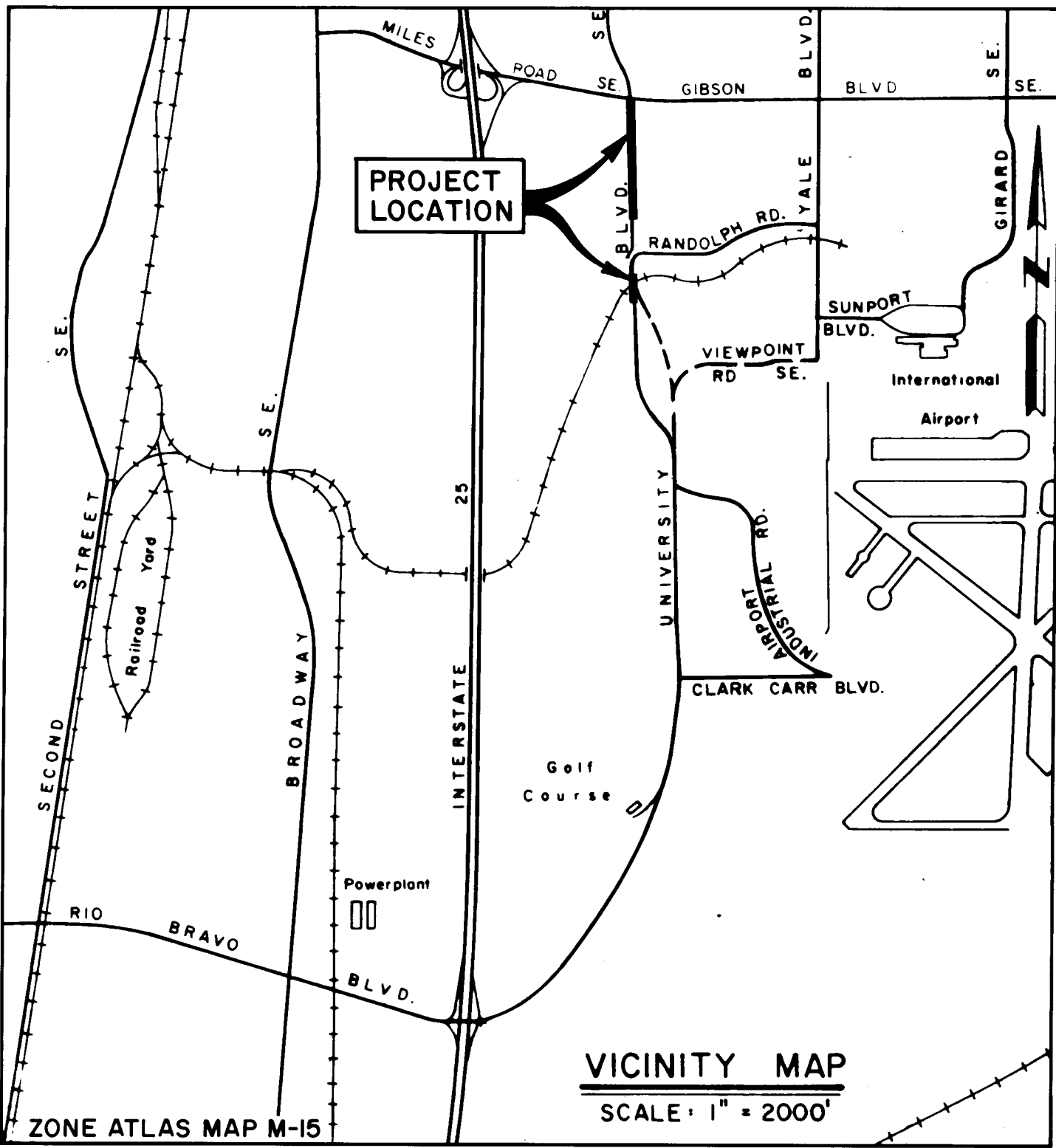
INDEX

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WATERLINE PLAN & PROFILE	DELETED
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CITY OF ALBUQUERQUE
NEW MEXICO



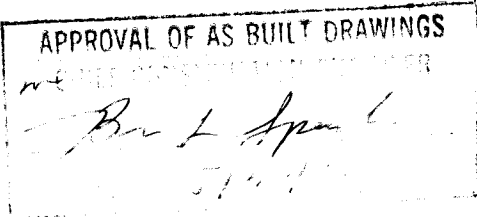
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GENERAL NOTES:

- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE, INTERIM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1985 EDITION.
- REFERENCES MADE TO STANDARD DRAWINGS REFER TO CITY OF ALBUQUERQUE STANDARD DRAWINGS.
- TWO 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 A MINIMUM AMOUNT OF DELAY.
- BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE ENGINEER.
- CONTRACTOR SHALL PROVIDE 12" SUBGRADE PREPARATION UNDER ALL NEW PAVEMENT, CURBS & GUTTERS, VALLEY GUTTERS, AND CONCRETE FILLETS.
- SUBGRADE PREPARATION UNDER CURB AND GUTTER (INCLUDING ONE FOOT BEHIND BACK OF CURB, UNDER VALLEY GUTTERS, UNDER CONCRETE MEDIAN PAVEMENT AND SIDEWALKS) SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF SUCH AND SHALL BE INCLUDED IN THE BID ITEM PRICE FOR SUCH ITEMS.
- WHEN ABUTTING NEW PAVEMENT TO EXISTING, CUT BACK EXISTING PAVEMENT TO A NEAT STRAIGHT LINE AS REQUIRED TO REMOVE ANY BROKEN OR CRACKED PAVEMENT, AND MATCH NEW TO EXISTING. NO SEPARATE PAYMENT SHALL BE MADE FOR SUCH CUTTING OF EXISTING PAVEMENT BUT SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT. CUTTING OF PAVEMENT SHALL BE IN CONFORMANCE WITH THE SPECIFICATIONS.
- 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.
- ALL WATER VALVE BOXES AND SEWER MANHOLES IN THE CONSTRUCTION AREA ARE TO BE ADJUSTED TO FINISH GRADE UNDER THIS CONTRACT.

(SEE SHEET 2 FOR CONTINUATION OF GENERAL NOTES)

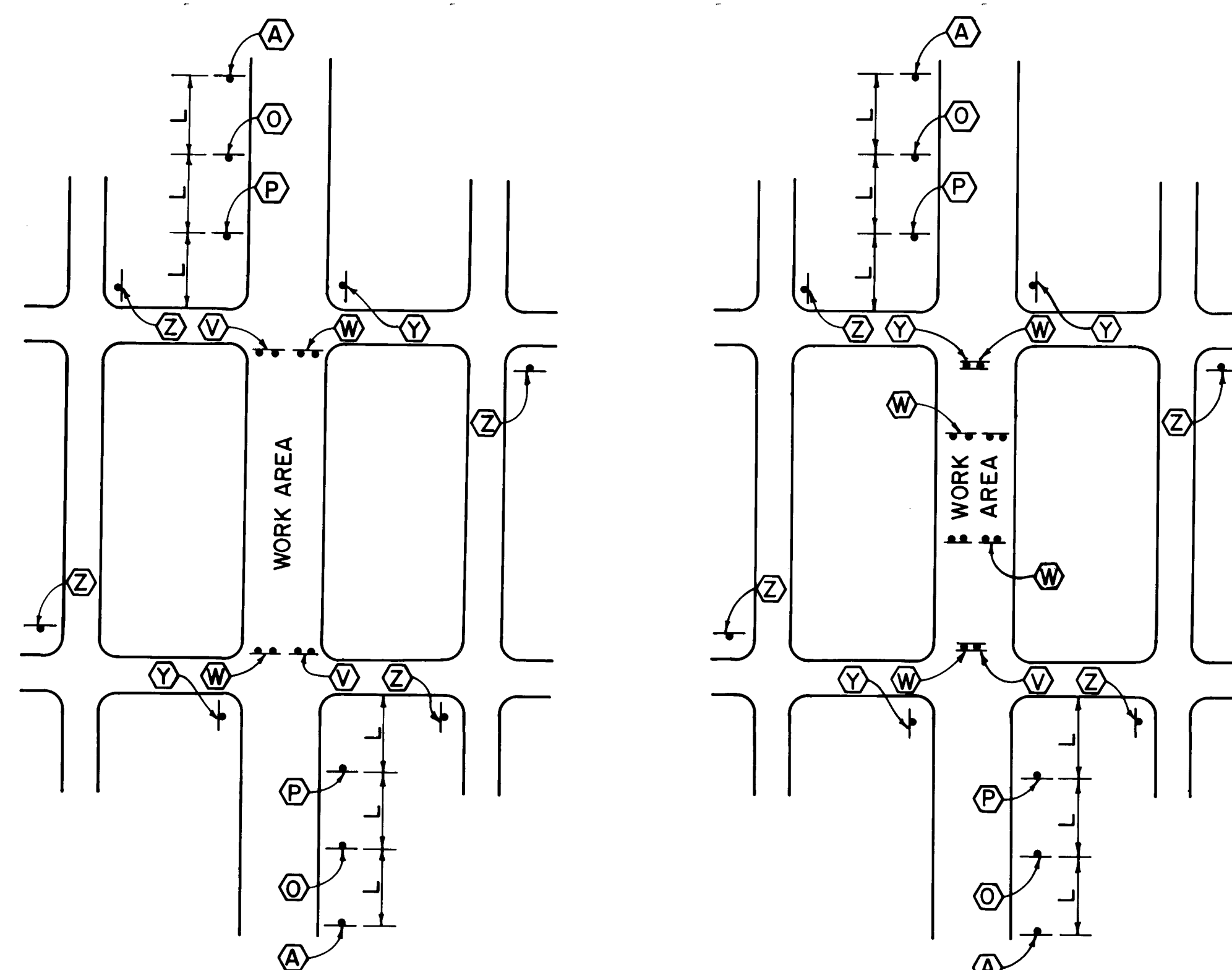


1 2 3 4 5 6 7 8 9 10 11 12
2 1 2 3 4 5 6 7 8 9 10 11 12

RECORD DRAWING

SET NUMBER

REV SHEETS	CITY ENGR.	DATE	USER DEPT.	DATE	USER DEPT.	DATE
APPROVAL OF REVISIONS						
ANDREWS, ASBURY & ROBERT, INC. CONSULTING ENGINEERS ALBUQUERQUE NEW MEXICO			APPROVED FOR CONSTRUCTION CITY ENGINEER DATE 5/1/87			
3/36			SHEET 11 OF 23 1 6			



MID BLOCK
MINOR STREET ONLY

TYPICAL STREET CLOSURE PLANS

NO SCALE

SPEED LIMIT (MPH)	TAPER LENGTH (FEET)			MAXIMUM DISTANCE BETWEEN DEVICES (FEET)	MINIMUM NUMBER OF DEVICES REQUIRED
	10 FOOT LANE	11 FOOT LANE	12 FOOT LANE		
25	104	115	125	25	6
30	150	165	185	30	7
35	204	225	245	35	8
40	267	293	320	40	9
45	450	495	540	45	13
50	500	550	600	50	13
55	550	605	660	55	13

LEGEND

- BARRICADE - BARREL
- ┆ SIGN
- M VERTICAL PANEL
- ┆ BARRICADE - TYPE III
- L DISTANCE BETWEEN ADVANCE SIGNS - A
DISTANCE MEASURED IN FEET EQUAL TO
TEN TIMES THE SPEED LIMIT.
- S SPACING BETWEEN BARRICADES - MAXIMUM
SPACING TO BE A VALUE MEASURED IN FEET
EQUAL TO THE SPEED LIMIT.
- TANGENT TANGENT LENGTH EQUALS TAPER LENGTH
AS SHOWN IN SCHEDULE.

TRAFFIC CONTROL NOTES

1. TWO-WAY TRAFFIC MUST BE MAINTAINED ON UNIVERSITY BETWEEN GIBSON AND SAN JOSE AT ALL TIMES.
2. THE WATER LINE TIE IN AT GIBSON SHALL BE DONE IN TWO PHASES SO THAT GIBSON TRAFFIC IS NOT "SPLIT" AT ANY TIME.

PHASE 1: THE CONTRACTOR MAY CLOSE THE TWO RIGHT LANES EAST BOUND.

PHASE 2: CONTRACTOR MAY CLOSE A LEFT LANE IN EACH DIRECTION IN ORDER TO COMPLETE THE TIE IN. UNIVERSITY TRAFFIC NORTH OF GIBSON MAY BE "SPLIT" TO THE WEST SIDE OF THE MEDIAN.
3. CONTRACTOR SHALL CONDUCT HIS OPERATION SO THAT EACH PHASE DOES NOT EXCEED FIVE (5) DAYS, INCLUDING CONCRETE PAVEMENT REPLACEMENT.
4. LANE CLOSURES ON GIBSON BLVD.. SE SHALL INCLUDE A SEQUENTIAL ARROW DISPLAY IN EACH DIRECTION OF CLOSURE.

[illegible]

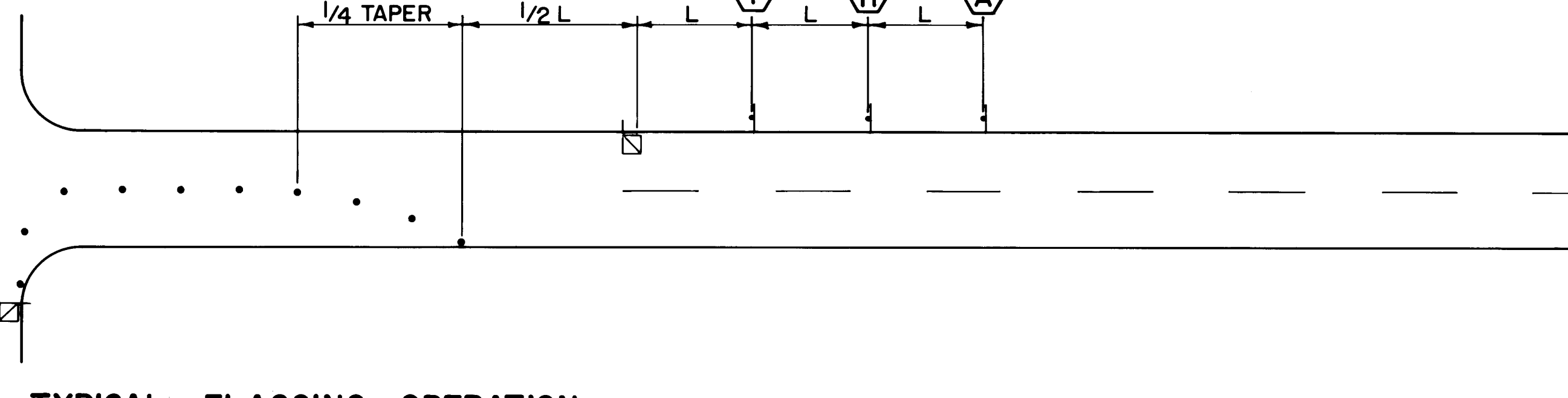
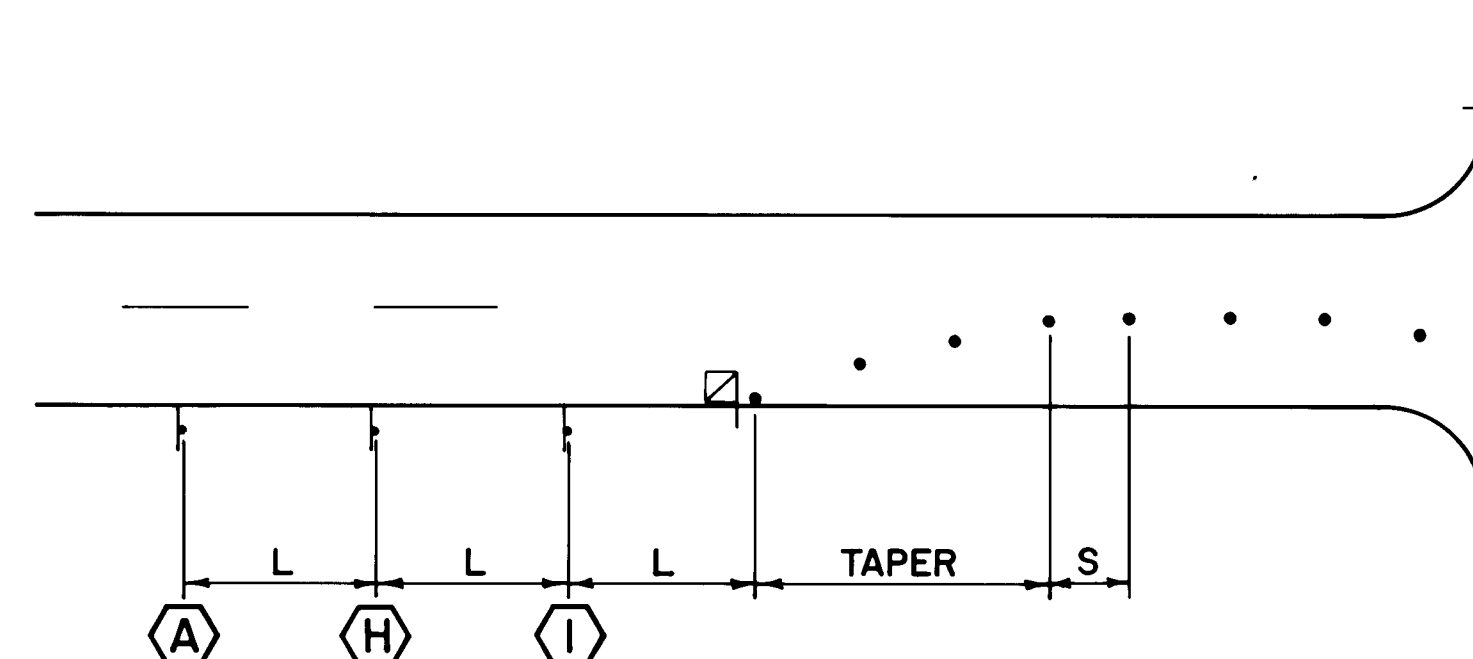
RECORD DRAWING

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
UNIVERSITY BOULEVARD WATERLINE

TRAFFIC CONTROL DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	2/20/87	Liquid Waste	<i>[Signature]</i>	2/20/87
A C E - Design	" "	" "	Traffic	NADWH	2/20/87
A C E - Hydrology	" "	" "	Water	<i>[Signature]</i>	2/20/87
			Teach: <i>[Signature]</i>	<i>[Signature]</i>	2/20/87

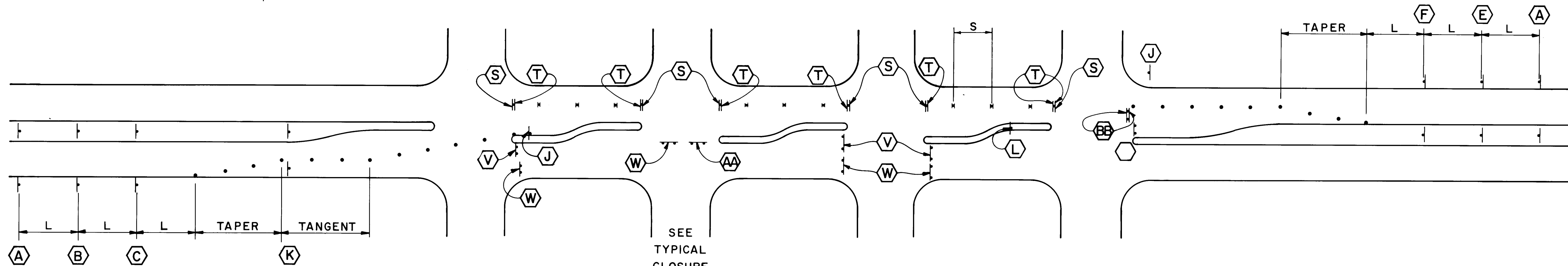
DRAWING NO. 3136		MAP NO. M-15	SHEET 14 OF 23
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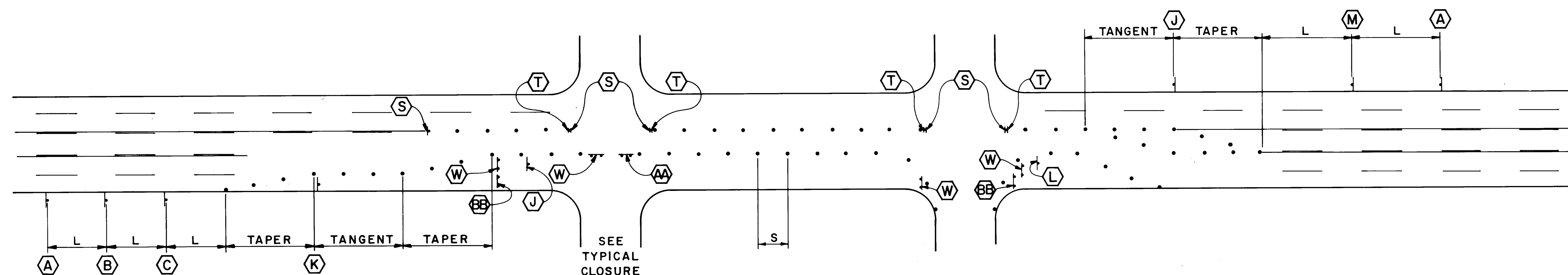
TYPICAL FLAGGING OPERATION

DRAWING NO.	3136	MAP NO.	M-15	SHEET	15	OF	23
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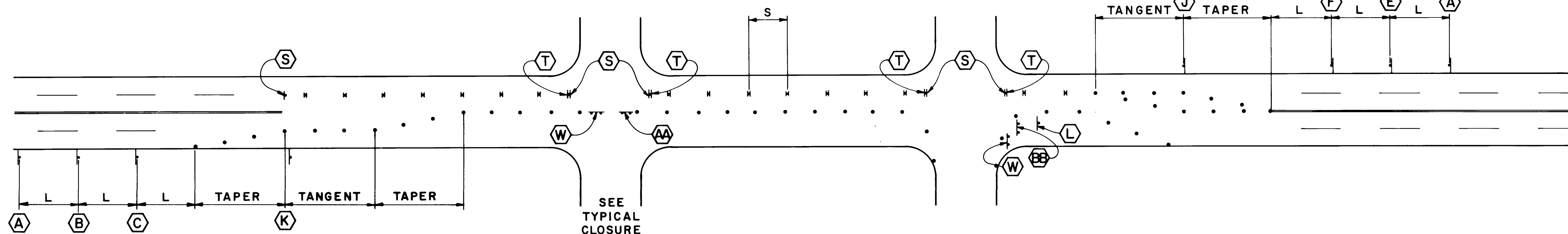
QUE TMENT		
D WATERLINE		
DETAILS		
VALS ate	ENGINEER 	DATE 2/20/87
NAD H		2/20/87
REMARKS V. H. H.		2/20/87
SHEET	15 OF	23



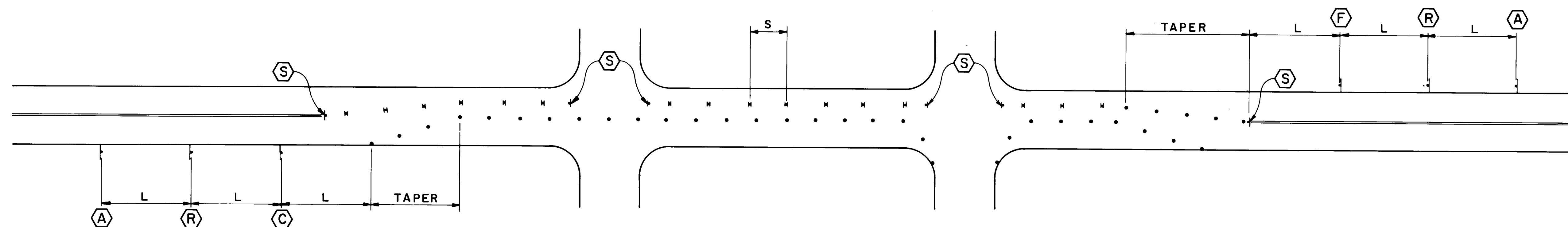
TYPICAL TRAFFIC SPLIT (RAISED MEDIAN)



TYPICAL TRAFFIC SPLIT (PAINTED MEDIAN)



TYPICAL TRAFFIC SPLIT (NO MEDIAN)



TYPICAL SHOE-FLY SPLIT

RECORD DRAWING

26 31 36 06 88

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
UNIVERSITY BOULEVARD WATERLINE

TRAFFIC CONTROL DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	2/20/87	Liquid Waste	<i>[Signature]</i>	2/20/87
A.C.E. - Design	" "	" "	Traffic	<i>[Signature]</i>	2/20/87
A.C.E. - Hydrology	" "	" "	Water	<i>[Signature]</i>	2/20/87
			Traffic Operations	<i>[Signature]</i>	2/20/87

DRAWING NO.	3136	MAP NO.	M-15	SHEET	16	OF	23
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ENGINEER'S SEAL				SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION		
 ANDREWS, ASBURY & ROBERT, INC. CONSULTING ENGINEERS				FIELD NOTES				CONTRACTOR: <i>New Concepts</i>		
				NO.	BY	DATE			WORK STARTED BY: <i>New Concepts</i>	DATE
									WORK ACCEPTANCE BY	DATE
									FIELD DRAWING	DATE
									REVISIONS BY: <i>A.A. & R.</i>	DATE
									CORRECTED BY: <i>A.A. & R.</i>	DATE
									<i>MICRO-FILM INFORMATION</i>	
									RECORDED BY	DATE