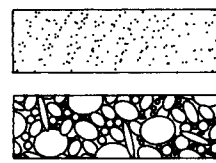


• L E G E N D •

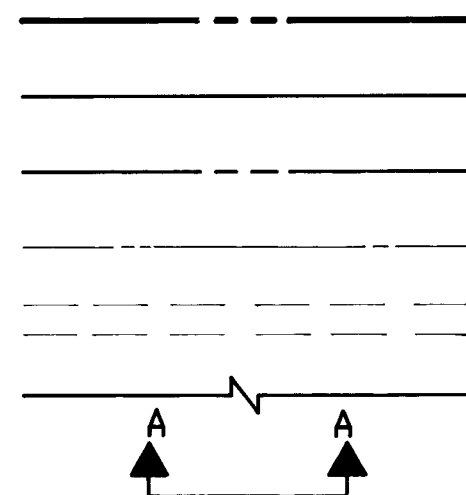
MATERIALS

CONCRETE
RIP-RAP



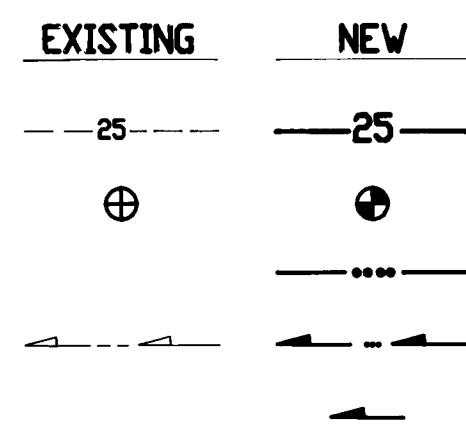
LINES

SUBDIVISION BOUNDARY
PROPERTY LINE (PLAN)
PROPERTY LINE (SECTION)
CENTERLINE
EASEMENT LINE
MATCH LINE
SECTION CUT LINE



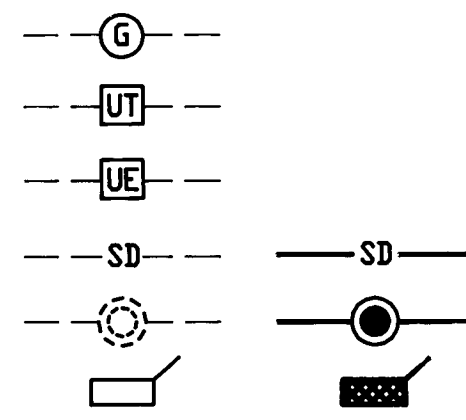
EARTHWORK

CONTOUR LINE
SPOT ELEVATION
PROJECT / PHASE BOUNDARY
FLOWLINE
DIRECTION OF FLOW



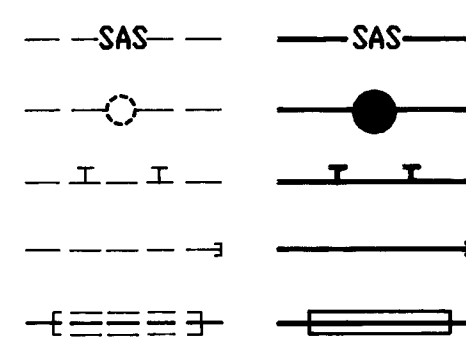
MISCELLANEOUS UTILITIES

GAS LINE
UNDERGROUND TELEPHONE
UNDERGROUND ELECTRICAL
STORM DRAIN
STORM DRAIN MANHOLE
STORM DRAIN INLET



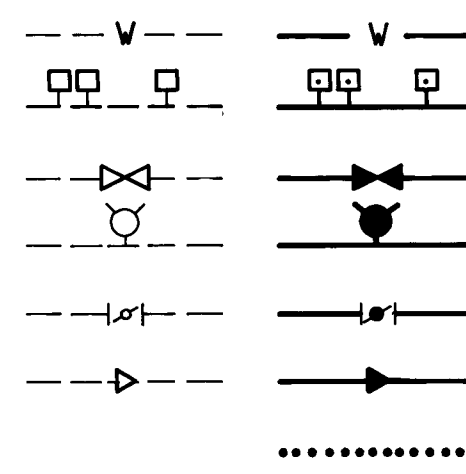
SANITARY SEWER

SANITARY SEWER LINE
SANITARY SEWER MANHOLE
SAS SERVICE CONNECTIONS
SAS CAP OR PLUG
ENCASEMENT



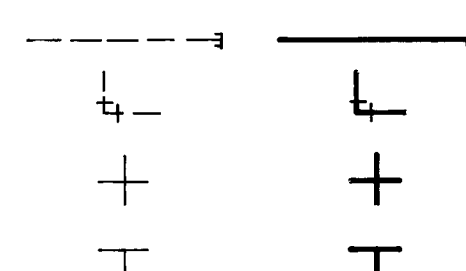
WATER

WATER LINE
WATER SERVICE CONNECTIONS
GATE VALVE
FIRE HYDRANT
BUTTERFLY VALVE
REDUCER
WATER PRESSURE ZONE BOUNDARY



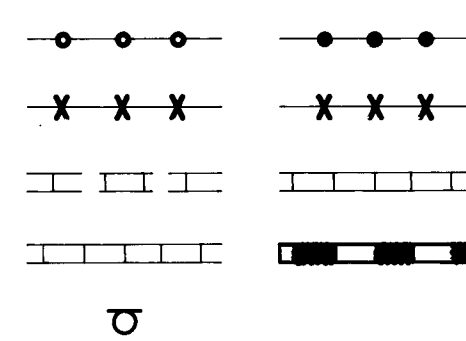
WATER FITTINGS

CAPS AND PLUGS
ELBOW
CROSS
TEE

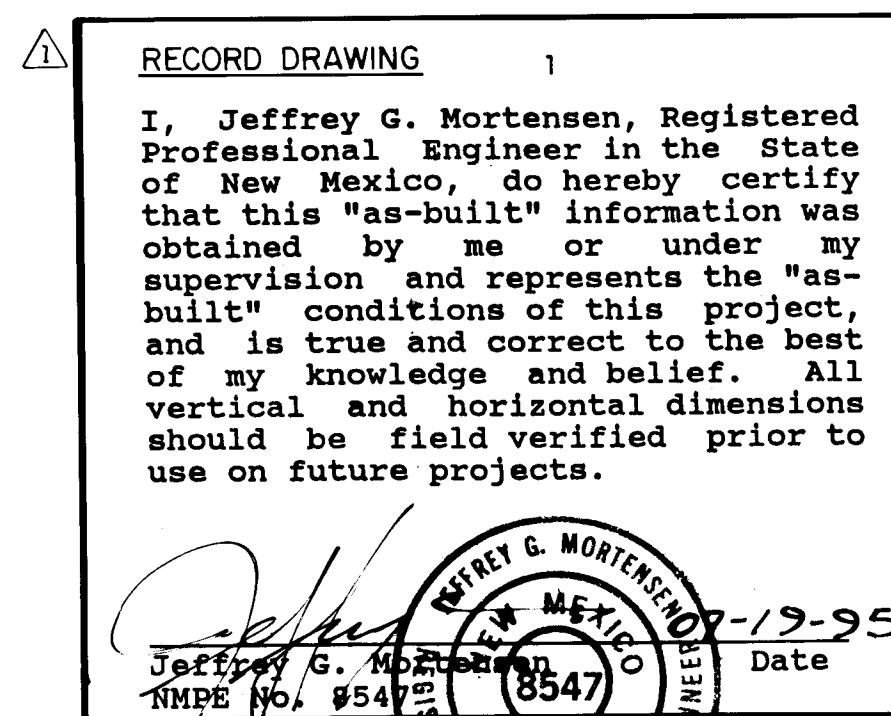


MISCELLANEOUS

CHAINLINK FENCE
FIELD FENCE
COMMON YARD WALL
RETAINING WALL
POWER OR TELEPHONE POLE



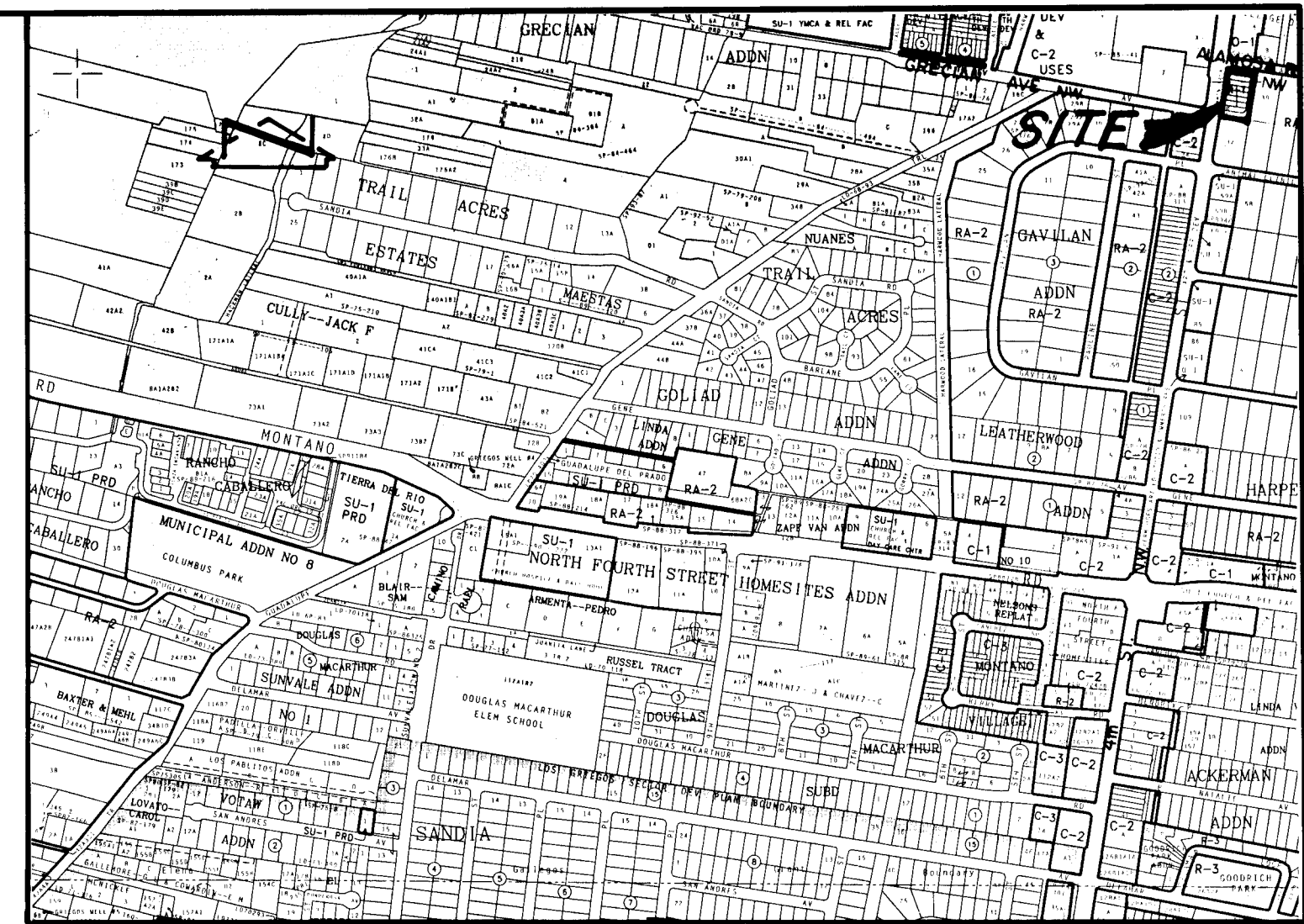
CONSTRUCTION PLANS
for
ALAMOSA COURT
ALBUQUERQUE, NEW MEXICO
DECEMBER, 1993



RECORD DRAWING

INDEX OF DRAWINGS

SHEET	DESCRIPTION
1	COVER SHEET, VICINITY MAP, GENERAL NOTES, LEGEND AND INDEX OF DRAWINGS
2	PLAT, SECTIONS, DETAILS AND WATER VALVE SHUTOFF PLAN
3	GRADING AND DRAINAGE PLAN
4	PAVING AND STORM DRAIN PLAN AND PROFILE
5	WATER AND SANITARY SEWER EXTENSIONS PLAN AND PROFILE
6	SIGNING AND TRAFFIC CONTROL STANDARDS
7	TYPICAL TRAFFIC CONTROL AND SIGNING EXAMPLES

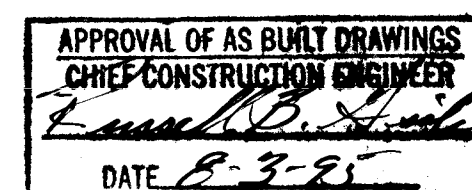


VICINITY MAP
SCALE: 1" = 750' (APPROX.)

F - 14

GENERAL 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 CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS - PUBLIC WORKS CONSTRUCTION - 1986. (UPDATE NO. 4)
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
- IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION IS NOT CONCLUSIVE AND MAY NOT BE COMPLETE, THEREFORE, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.
- SHOULD A CONFLICT EXIST BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY FOR ALL PARTIES.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.
- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING SAFETY AND HEALTH.
- ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- TACK COAT REQUIREMENTS SHALL BE DETERMINED DURING CONSTRUCTION BY THE PROJECT ENGINEER.
- SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- IF CURB IS DERESSED FOR A DRIVEPAD OR A HANDICAP RAMP, THE DRIVEPAD OR RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF THE CURB AND GUTTER.
- ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- CONTRACTOR SHALL COORDINATE WITH THE WATER SYSTEM DIVISION (857-8200) FOR THE EXECUTION OF THE VALVE SHUT OFF PLAN, NOT LESS THAN FIVE (5) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT THE EXISTING PUBLIC WATER UTILITIES. ONLY WATER SYSTEM DIVISION PERSONNEL SHALL OPERATE EXISTING VALVES. REFER TO SECTION 18 OF THE SPECIFICATION.
- CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE SPECIFICATIONS.
- THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION CO-ORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION CO-ORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. CONTRACTOR MUST REFER TO SECTION 19 OF THE STANDARD SPECIFICATION FOR TRAFFIC CONTROL.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED IN KIND BY CONTRACTOR TO LOCATION AND IN KIND AS EXISTING OR AS INDICATED BY THIS PLAN SET.
- CAUTION: THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-4893-90 01195

SCANNED BY
BY LASON

930731

1-7	05/95						
REV.	SHEETS	CITY ENGINEER	DATE	USER	DEPARTMENT	DATE	USER
APPROVAL OF REVISIONS							

APPROVED FOR CONSTRUCTION

C.E.

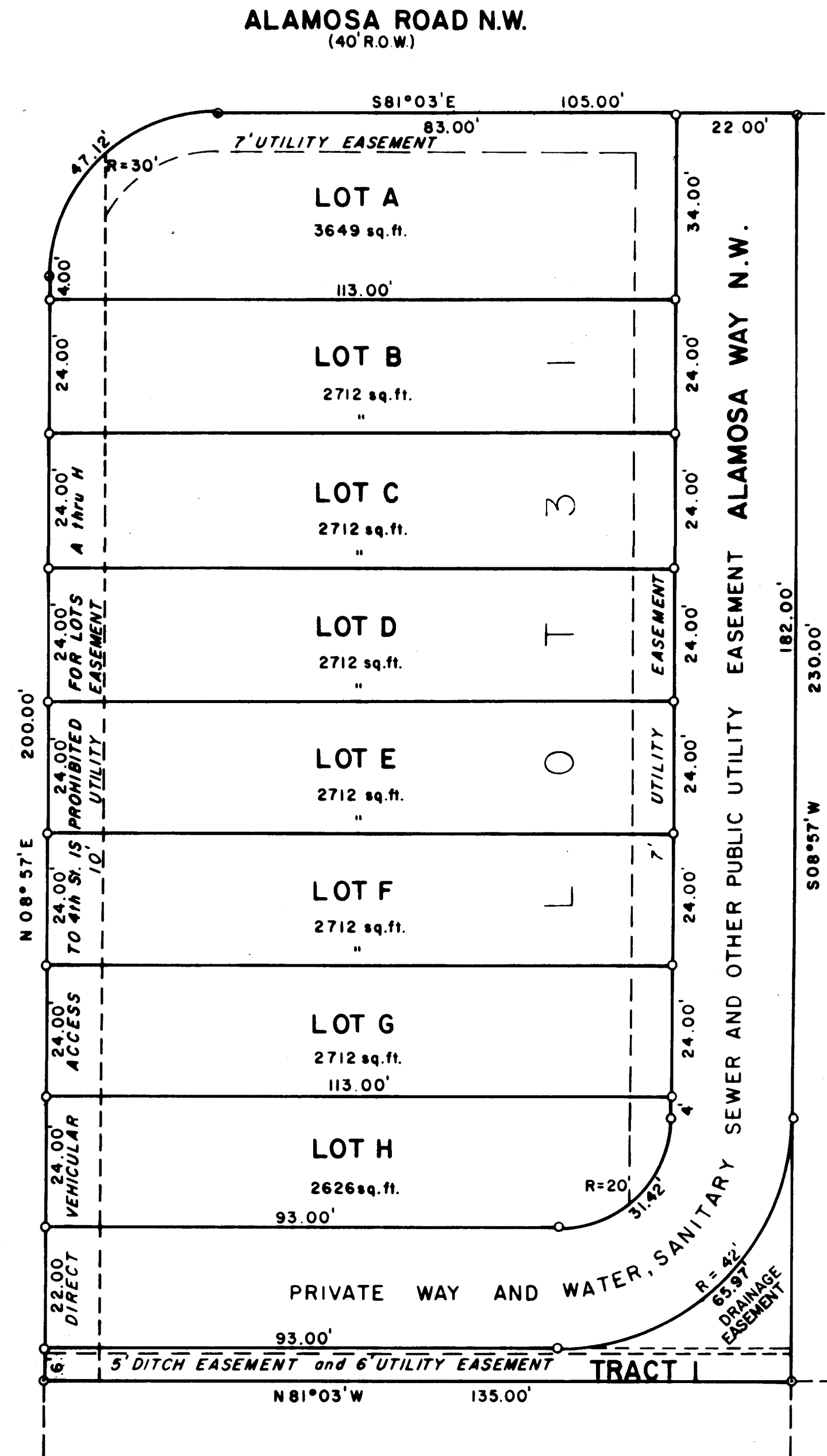
PROJECT NO.

4893.90

SHEET 1 OF 7

SP No 7-80-

4th STREET NW. (U.S. HIGHWAY 85)
(60' R.O.W.)



NOTE:
Bearings are based from Amended Plat of Los Alamos Addition
filed on September 8, 1938
TRACT I is common property to Lots A-H, and maintenance is to
be shared equally.
Alamosa Way N.W. is common property to Lots A-H, and
maintenance is to be shared equally.

SCALE: 1"=20'

Found Existing Reber
Set Reber

LOT 30

LOT 32

CRAVENS' REPLAT OF
LOT 31
OF THE AMENDED PLAT OF
LOS ALAMOS ADDITION
ALBUQUERQUE, NEW MEXICO
(FILED: SEPT. 8, 1938)

81 25473

State of New Mexico
County of Bernalillo
This instrument was filed for record on
11 MAY 15 1981
at 11:00 a.m. Recorded in Vol. 819
of records of said County Folio 79
Clerk & Recorder
Deputy Clerk

DESCRIPTION:
A Replat of Lot numbered Thirty-one (31) of the Amended Plat of LOS ALAMOS ADDITION to the City of Albuquerque,
New Mexico, as the same is shown and designated on the Map of said Addition, filed in the office of the County
Clerk of Bernalillo County, New Mexico, on September 8, 1938. (Now being Lots "A", "B", "C", "D", "E", "F", "G",
and "H" of Cravens' Replat of Lot 31 of the Amended Plat of Los Alamos Addition)

FREE CONSENT, DEDICATION
The subdivision of the land described hereon is with free consent and in accordance with the desires of the
undersigned owner(s) and proprietor(s) thereof, and said owner(s) and proprietor(s) do hereby dedicate
the 22 Foot Access and Utility Easement shown hereon together with all easements shown on this Plat, including
the right of ingress and egress and the right to trim interfering trees. Any drainage easements shown hereon
are also easements for underground sewer and water lines.

TONI HERRERA
ACKNOWLEDGEMENT
STATE OF NEW MEXICO) SS
COUNTY OF BERNALILLO)
On this 11th day of July, 1980, the foregoing instrument was acknowledged before me,
My commission expires 3-27-83
Notary Public

SURVEYOR'S CERTIFICATE
I, Richard V. Hall, licensed under the laws of the State of New Mexico, do hereby certify that I am a
Registered Land Surveyor and that this plat was prepared by me or under my supervision, meets the minimum
requirements for monumentation and surveys of the Bernalillo County Subdivision Ordinance and is true and
accurate to the best of my belief and knowledge, and shows all easements of Record. (Unless otherwise noted on this plat)
Richard V. Hall, N.M.L.S. No. 7264

APPROVALS:
Planning Director, City of Albuquerque, N.M. 5/14/81
Gas Company of New Mexico 12/1/80
Public Service Company of New Mexico 12/15/80
Mountain Bell 12-7-80
City Engineer, City of Albuquerque, N.M. 4-15-81
Traffic Engineer, City of Albuquerque, N.M. 12-17-80
Parks & Recreation Dept., City of Albuquerque, N.M. 1/22/81
Water Resources Dept., City of Albuquerque, N.M. 1/6/81
Chief City Surveyor, City of Albuquerque, N.M. 12/17/80

NOTES:
1. The Westerly 10 Foot Right-Of-Way Easement was recorded on August 20, 1976
in Book Miscellaneous 492, Page 924, records of Bernalillo County, N.M.
2. The Rear 6 Foot Utility Easement was recorded on December 28, 1944 in
Book 205, Page 610, records of Bernalillo County, N.M.
3. Recorded easements furnished by Monney Title

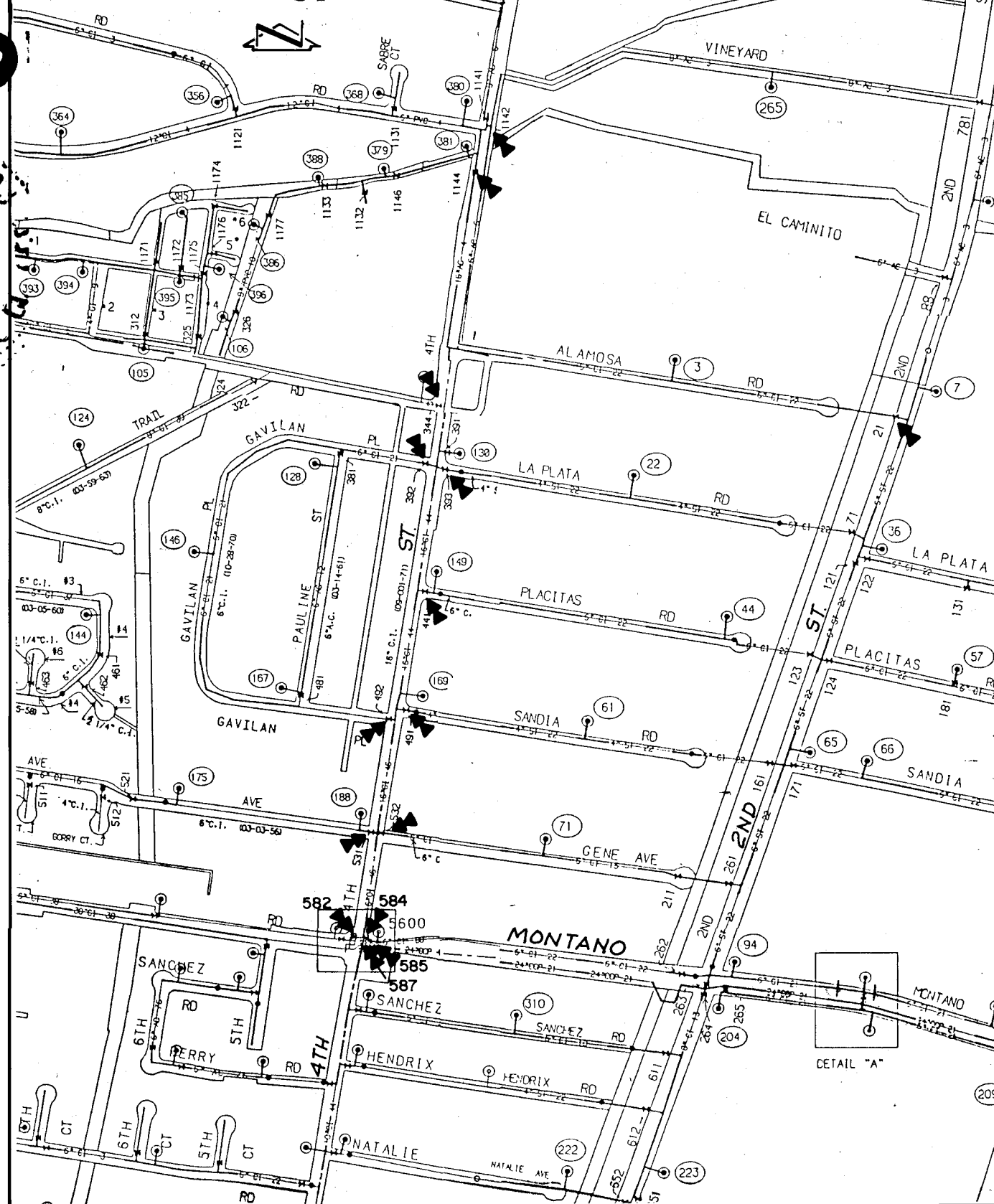
HALL SURVEYING CO.
2625 Pennsylvania Avenue N.E. Suite 350
Albuquerque, New Mexico 87110
Phone: 884-6200 & 884-6444
Date: 7/7/80 Order No. S-1189
Client: SABRE INC.

WATER VALVE SHUTOFF PLAN E 14/E 15/F 14/F 15

SCALE: 1"=600'

WATER VALVE SHUTOFF PLAN REQUIREMENTS

- CONTRACTOR SHALL BE RESPONSIBLE FOR TIMING
AND COORDINATION OF THE WATER SHUTOFF
REQUIREMENTS IN CONJUNCTION WITH
COMPLETION OF THIS PROJECT.
- AT LEAST FIVE (5) WORKING DAYS PRIOR TO
CONSTRUCTION, CONTRACTOR SHALL CONTACT
PWD/WATER SYSTEMS DIVISION (857-8200) TO
INITIATE IMPLEMENTATION OF THIS WATER
SHUTOFF PLAN.
- TO COMPLETE THE NON-PRESSURE CONNECTION
SHOWN HEREON, THE EXISTING VALVES LISTED
BELOW AND MARKED WITH AN ARROW () ON
THE ABOVE MAP MUST BE VERIFIED AND CLOSED
BY PWD/WATER SYSTEMS PERSONNEL.
21, 344, 392, 393, 441, 491, 531, 532, 582, 584, 585, 587, 1142
AND 1144.
- THE CONTRACTOR SHALL PROVIDE ALL RESTRAINTS
AND THRUST BLOCKS NECESSARY TO EFFECT THE
NECESSARY SHUTOFFS AND CONNECTIONS.
- EXISTING WATER VALVE AND WATERLINE
INFORMATION OBTAINED FROM CITY OF
ALBUQUERQUE AUTOMATED WATER DISTRIBUTION
SYSTEM SECTIONAL MAPS, PLATES F14, F15, AND E14.

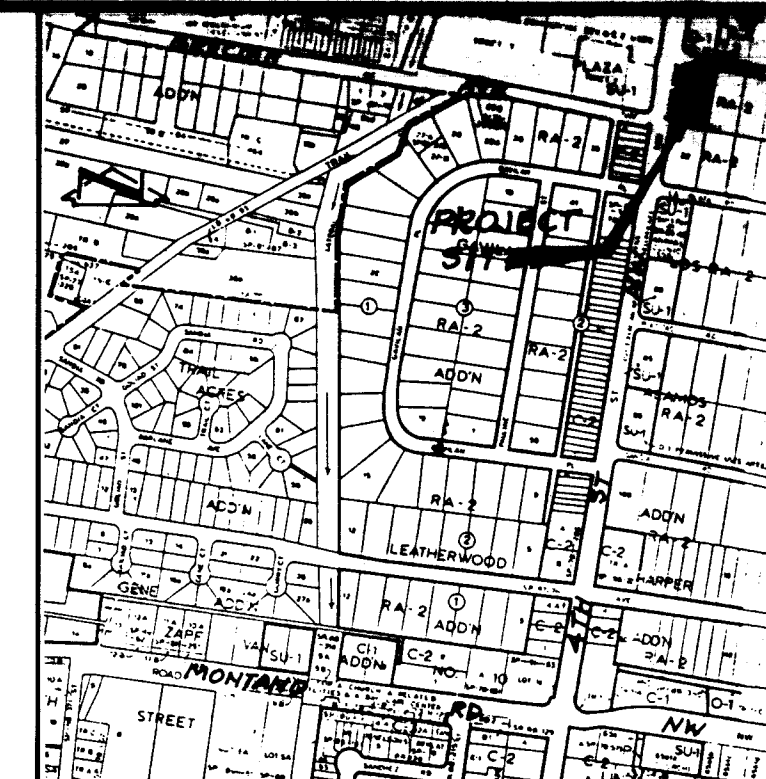
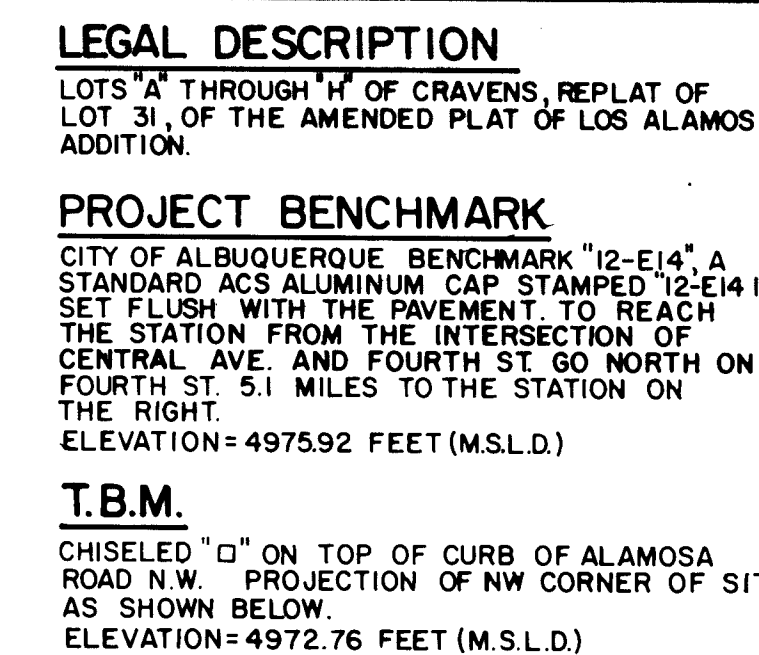


AS BUILT INFORMATION			BENCH MARKS			SURVEY INFORMATION			ENGINEER'S SEAL		
CONTRACTOR	HYDRO - SYSTEMS		CITY OF ALBUQUERQUE	BENCHMARK 12-E14	A STANDARD	NO.	BY	DATE	REGISTERED PROFESSIONAL ENGINEER	DATE	DATE
WORK	DATE	10/94	DATE	11/7/93	DATE	N/A	J.M.A.	11/7/93	04-18-94	08/93	08/93
STATIONED BY	DATE	10/94	DATE	11/7/93	DATE	N/A	J.M.A.	11/7/93	04-18-94	08/93	08/93
ACCEPTANCE BY	DATE	10/94	DATE	11/7/93	DATE	N/A	J.M.A.	11/7/93	04-18-94	08/93	08/93
FIELD	DATE	10/94	DATE	11/7/93	DATE	N/A	J.M.A.	11/7/93	04-18-94	08/93	08/93
REVISIONS	DATE	10/94	DATE	11/7/93	DATE	N/A	J.M.A.	11/7/93	04-18-94	08/93	08/93
DESIGNED BY	DATE	10/94	DATE	11/7/93	DATE	N/A	J.M.A.	11/7/93	04-18-94	08/93	08/93
DRAWN BY	DATE	10/94	DATE	11/7/93	DATE	N/A	J.M.A.	11/7/93	04-18-94	08/93	08/93
CHECKED BY	DATE	10/94	DATE	11/7/93	DATE	N/A	J.M.A.	11/7/93	04-18-94	08/93	08/93

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: ALAMOSA COURT PLAT, SECTIONS, DETAILS AND WATER VALVE SHUTOFF PLAN					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	B.G.B.	6-6-94	WATER	B.G.B.	6-6-94
TRANSPORTATION	N/A		WASTE WATER	B.G.B.	6-6-94
HYDROLOGY	N/A				
PROJECT NO.	4893.90	MAP NO.	F 14	SHEET	2 OF 7

RECORD DRAWING

SCANNED BY
BY LASON
930731



VICINITY MAP
SCALE: 1"=800' (APPROX.)

CONSTRUCTION NOTES:

1. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SERVICE 260-1990 FOR LOCATION OF EXISTING UTILITIES.
2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
3. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
4. ALL CONSTRUCTION WITHIN PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PROCEDURES.
5. IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES, MAKES NO REPRESENTATION PERTAINING THERETO, AND DOES NOT ASSUME NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.
6. THE DESIGN OF PLANTERS AND LANDSCAPED AREAS IS NOT PART OF THIS PLAN. ALL PLANTERS AND LANDSCAPED AREAS ADJACENT TO THE BUILDING(S) SHALL BE PROVIDED WITH POSITIVE DRAINAGE TO AVOID ANY PONDING ADJACENT TO THE STRUCTURE. FOR CONSTRUCTION DETAILS, REFER TO LANDSCAPING PLAN.

EROSION CONTROL MEASURES

1. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR ONTO ADJACENT PROPERTY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AT THE PROPERTY LINES AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
2. THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.
3. THE CONTRACTOR SHALL SECURE "TOPSOIL DISTURBANCE PERMIT" PRIOR TO BEGINNING CONSTRUCTION.

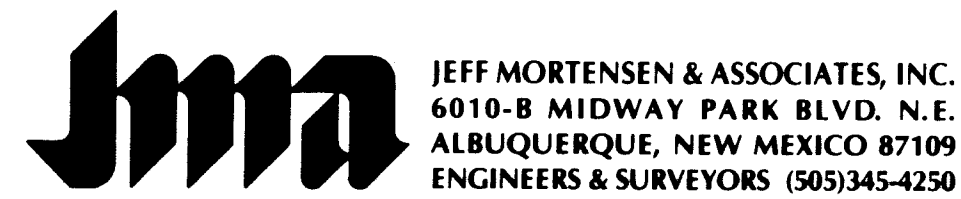
FOR INFORMATION ONLY

RECORD DRAWING



SCANNED BY
BY LASON

05-0494
03-2591



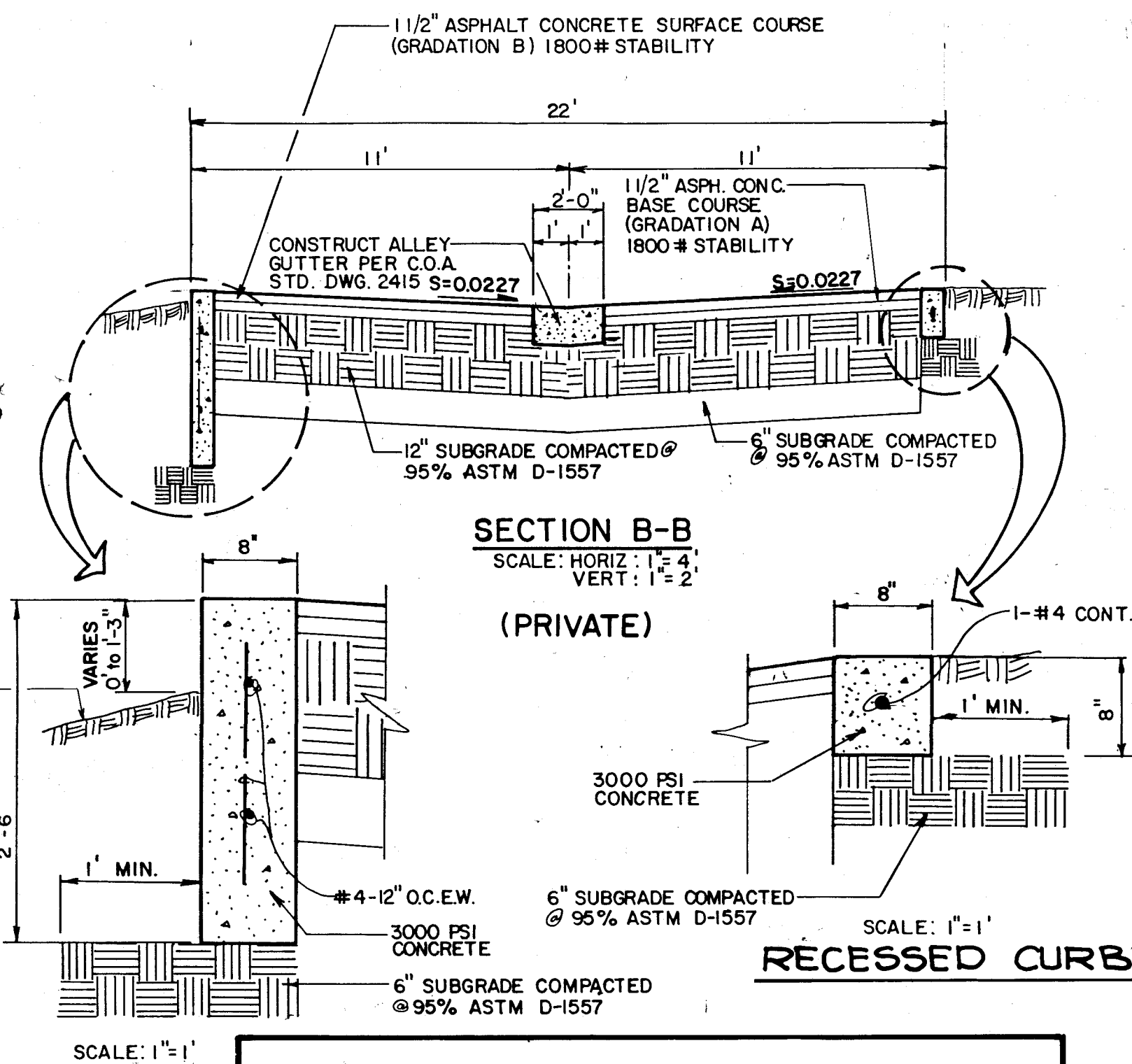
GRADING & DRAINAGE PLAN

ALAMOSA COURT

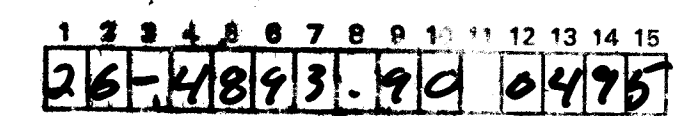
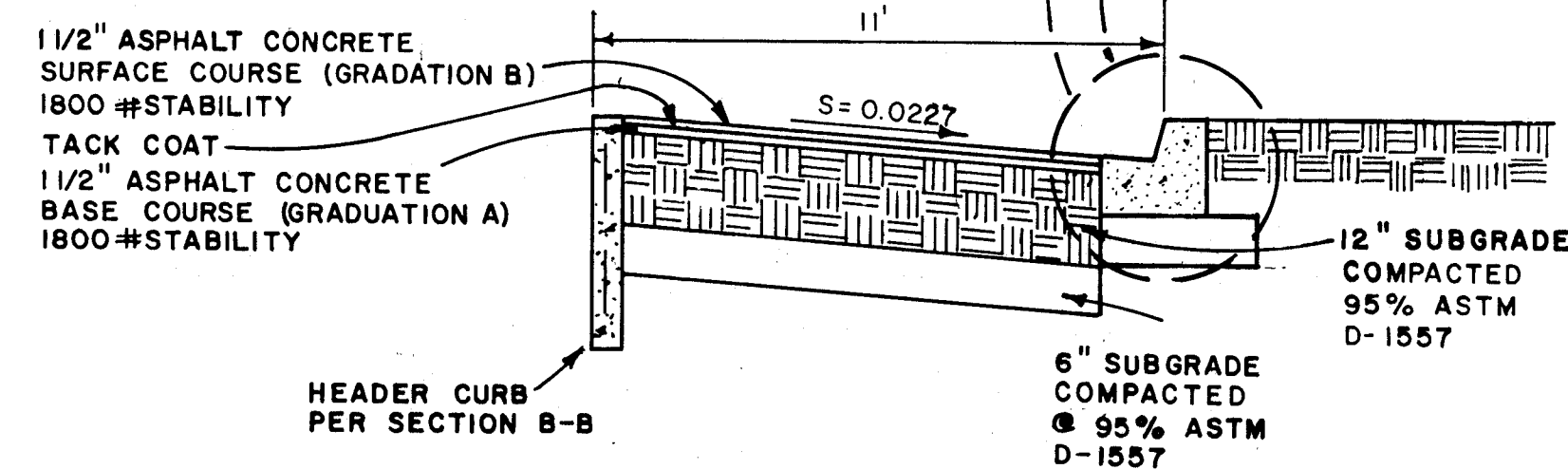
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2	6	-	4	8	9	3	.	9	0		0	3	9	5

DESIGNED BY JGM
DRAWN BY TP
APPROVED BY JGM

NO.	DATE	BY	REVISIONS	JOB NO.
1	4/94	G.R.B.	GRADING ON PRIVATE ACCESS ROAD	930731
2	05/95	J.M.A.	AS - BUILT	
				DATE
				08 - 1993
				SHEET
				3 OF 7




RECESSED CURB

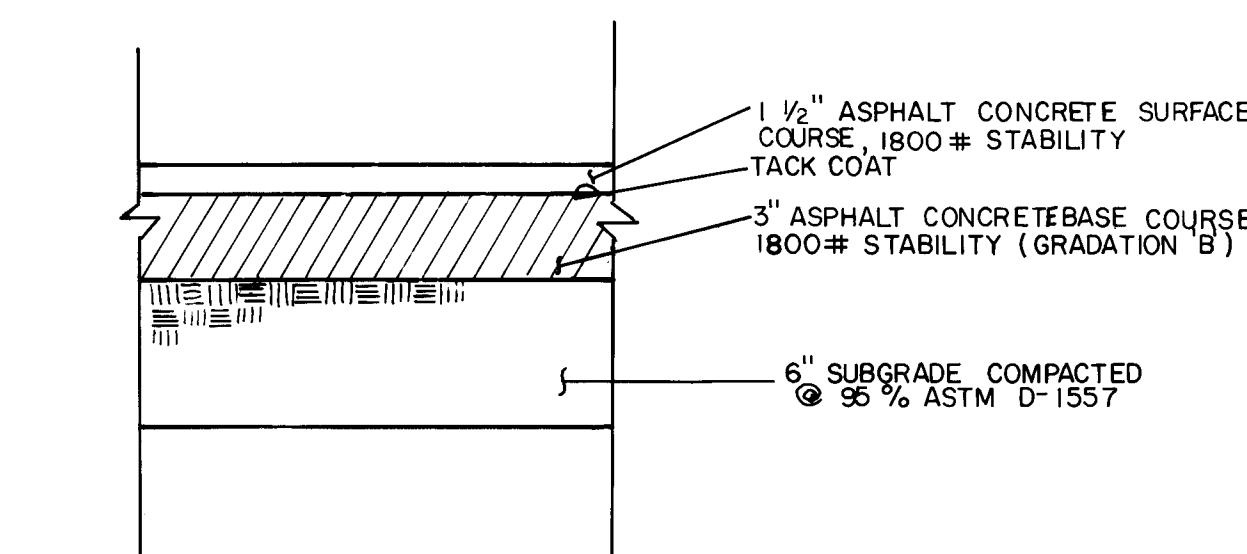
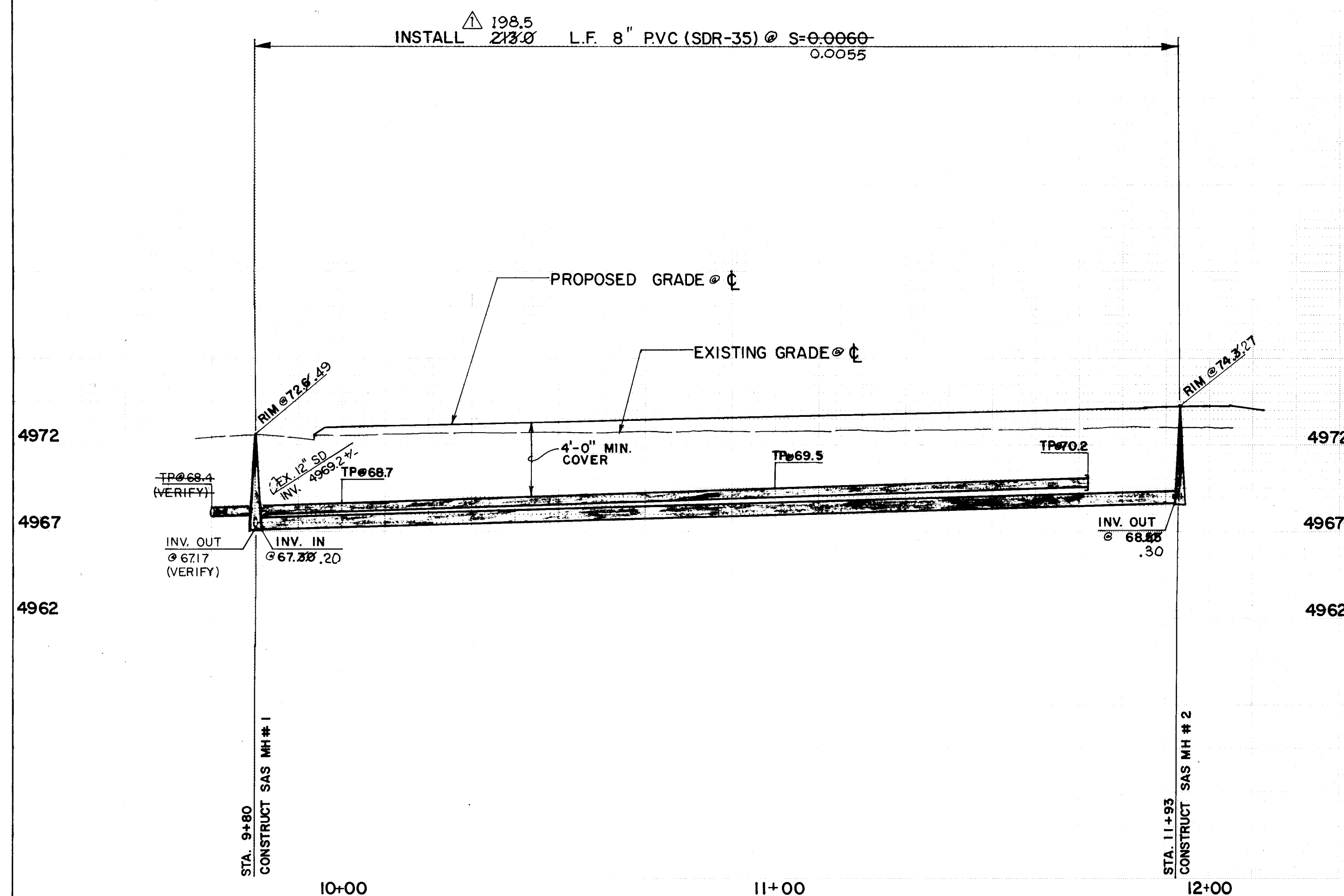
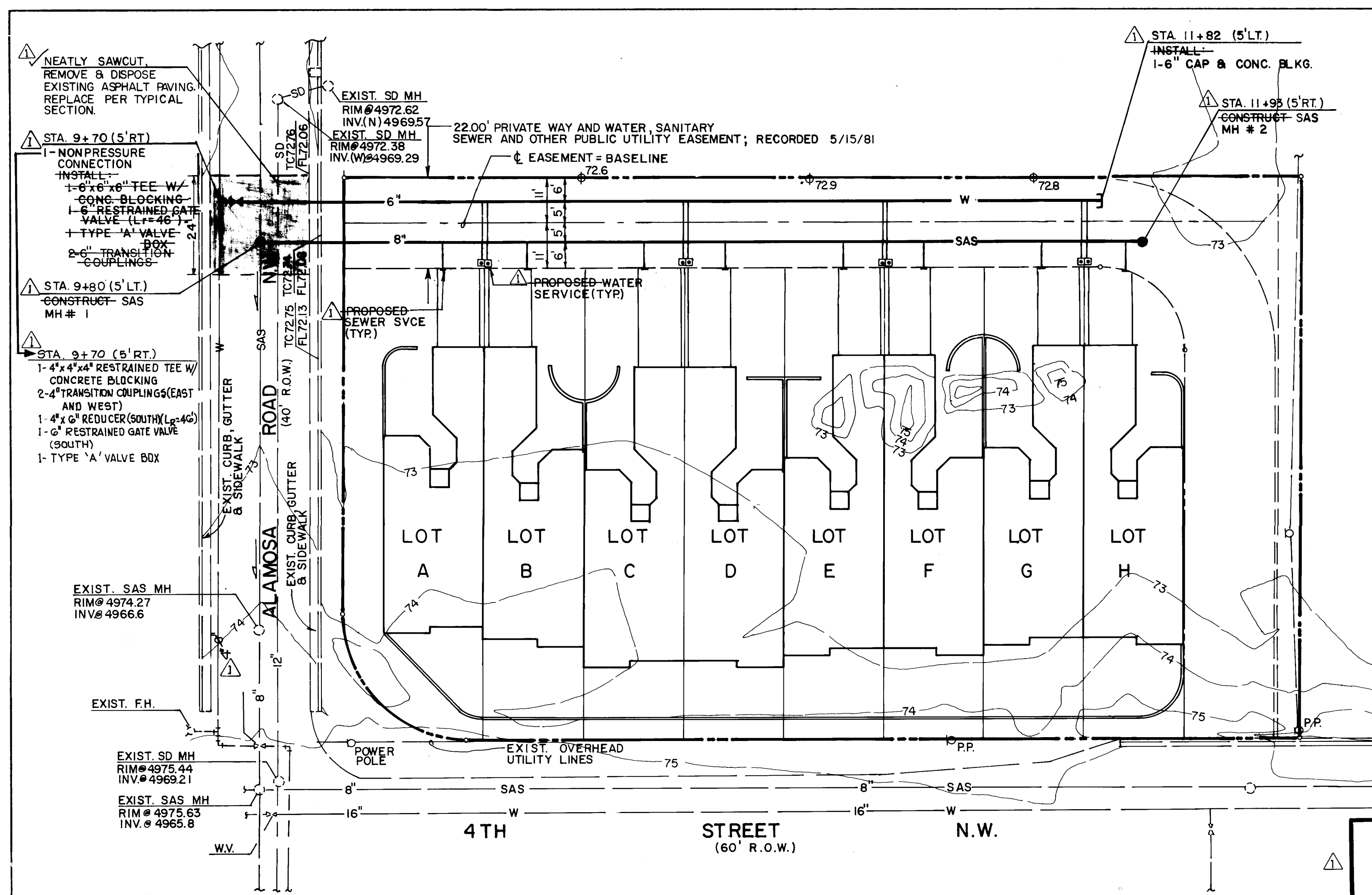


MAP
NO. F 14

ET	OF
4	7

- ## STREET PAVING IMPROVEMENTS
1. ALL SLOPES AS SHOWN ON PROFILES ARE BASED ON STREET CENTERLINE STATIONING.
 2. WHERE REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK OR PAVEMENT IS REQUIRED, THE CONTRACTOR SHALL SAWCUT AND/OR REMOVE TO THE NEAREST JOINT. 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 THE CONTRACTOR'S EXPENSE.
 3. ALL DIMENSIONS OF CURB AND CURB RETURNS ARE SHOWN TO FACE-OF-CURB.
 4. ALL WHEELCHAIR RAMPS MUST BE CONSTRUCTED UNDER THIS WORK ORDER.
 5. ALL CURB AND GUTTER SHOWN HEREON SHALL BE STANDARD CURB AND GUTTER PER CITY OF ALBUQUERQUE STANDARD DRAWING 2415.

PROJECT PLAN & PROFILE 326.84	SHEET 4 OF 7	DATE 5/20/14 ENGINEER M.A. GEL	ENGINEER'S SEAL 	J.G.M. 05/95 AS-BUILT AND CERTIFY	NO. DATE REMARKS REVISIONS			BY DESIGN		
					DESIGNED BY J.G.M. DATE 08/93			DRAWN BY T.P.H. DATE 08/93		
					CHECKED BY J.G.M. DATE 09/93					
					SURVEY INFORMATION			FIELD NOTES		
					NO. BY			DATE		
					N/A J.M.A.			11/93		
					CITY OF ALBUQUERQUE BENCHMARK "12-E14" A STANDARD			HYDRO - SYSTEMS		
					ACS ALUMINUM CAP STAMPED "12-EH 1985", SET FLUSH WITH THE PAVEMENT. TO REACH THE STATION FROM THE INTERSECTION OF CENTRAL AVE AND FOURTH ST GO NORTH ON FOURTH ST. 5.1 MILES TO THE STATION ON THE RIGHT. ELEVATION = 497592 FEET (M.S.L.D.)			MICRO-FILM INFORMATION		
					RECORDED BY NO			DATE		
					BENCH MARKS			AS BUILT INFORMATION		



TYPICAL PAVEMENT SECTION FOR ALAMOSA ROAD N.W.

NOTE: SECTION TAKEN FROM C.O.A. RECORD DRAWING 10-065-0151

RECORD DRAWING

RECORD DRAWING
I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this "as-built" information was obtained by me or under my supervision and represents the "as-built" conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.

Jeffrey G. Mortensen
Professional Engineer
No. 8547
Date 07-19-95
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'

- SANITARY SEWER CONSTRUCTION NOTES:
- ALL STATIONING IS BASED ON STREET CENTERLINE UNLESS INDICATED OTHERWISE.
 - ALL SEWER PIPE SHALL BE PVC (SDR 35).
 - SLOPES SHOWN ON THE PROFILES ARE BASED ON TRUE DISTANCES.
 - ALL MANHOLES SHALL BE FOUR-FOOT DIAMETER TYPE "E" AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2102 UNLESS OTHERWISE NOTED.
 - SEWER SERVICE LATERALS SHALL BE PROVIDED WITH ELECTRONIC MARKER DISCS AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2125. EMD SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
 - WHERE WATER AND SANITARY SEWER LINES CROSS, THE SANITARY SEWER LINE SHALL BE CONCRETE ENCASED FOR A DISTANCE OF 10 FEET EACH SIDE OF THE CROSSING IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.
- WATERLINE CONSTRUCTION NOTES:
- ALL STATIONING IS BASED ON STREET CENTERLINE UNLESS NOTED OTHERWISE.
 - FOR ALL LINES 12" AND SMALLER, WATER MAIN SHALL BE PVC C900 PIPE OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF PVC.
 - WATERLINE SHALL HAVE A MINIMUM COVER OF 40" (TOP OF CURB TO TOP OF PIPE). EXTRA DEPTH TRENCHING, IF REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION. THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
 - ELECTRONIC MARKER DISCS (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
 - IN ACCORDANCE WITH SECTION 801 OF THE STANDARD SPECIFICATIONS, METALIZED DETECTABLE WARNING TAPE SHALL BE INSTALLED 18" ABOVE ALL PVC PIPE INSTALLED ON THIS PROJECT.
 - VALVE STEM AND FIRE HYDRANT EXTENSIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE COST OF EACH EXTENSION SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
 - JOINT RESTRAINT SHALL BE CONSIDERED INCIDENTAL TO WATERLINE CONSTRUCTION; THEREFORE NO SEPARATE PAYMENT WILL BE MADE.

Sanitary Sewer Service Schedule

Lot	Station	Inv. @ Pl.	Size
A	10 + 24	69.25	4"
B	10 + 44	69.39	4"
C	10 + 72	69.58	4"
D	10 + 92	69.71	4"
E	11 + 20	69.90	4"
F	11 + 40	70.04	4"
G	11 + 68	70.23	4"
H	11 + 88	70.37	4"

Water Service Schedule

Lot	Station	Type	Size
A/B	10 + 34	Double	3/4"
C/D	10 + 82	Double	3/4"
E/F	11 + 30	Double	3/4"
G/H	11 + 78	Double	3/4"

REVISIONS

NO.	DATE	REMARKS
1	02/95	AS-BUILT AND CERTIFY

DESIGNED BY: J.G.M.
DRAWN BY: C.E.N.
CHECKED BY: J.G.M.

DATE: 08/93
DATE: 08/93
DATE: 09/93

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: ALAMOSA COURT
WATER & SANITARY SEWER EXTENSION ~ PLAN & PROFILE
STA. 9+70 TO STA. 11+93

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	B.G. Boudry	6-6-94	WATER		
TRANSPORTATION	W.A. CWO	5-17-94	WASTE WATER		
HYDROLOGY	B.P. Montoya	5/17/94			

PROJECT NO. 4893.90
MAP NO. F 14
SHEET 5 OF 7

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

1. CONTRACTOR MUST OBTAIN FROM CONSTRUCTION COORDINATION AN EXCAVATION/BARRICADING PERMIT BEFORE ENGAGING IN ANY CONSTRUCTION, MAINTENANCE OR REPAIR WORK IN ANY OF THE CITY OF ALBUQUERQUE'S RIGHTS-OF-WAY. EMERGENCY WORK THAT WOULD PRESERVE LIFE OR PROPERTY IS EXCLUDED WITH THE UNDERSTANDING, THAT A PERMIT SHALL BE OBTAINED WITHIN 24 TO 48 HOURS.

2. CONTRACTOR SHALL AT THE TIME OF PERMIT REQUEST, SUBMIT FOR APPROVAL BY CONSTRUCTION COORDINATION, A TRAFFIC CONTROL PLAN DETAILING ALL EXISTING TOPOGRAPHY SUCH AS LANE WIDTHS, DRIVEWAYS, AND BUSINESS/RESIDENTIAL ACCESSES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL PHASES OF WORK AND SCHEDULES INVOLVED IN THE CONSTRUCTION PROJECT. ANY SEPARATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.

3. THESE TYPICAL TRAFFIC CONTROL PLANS DO NOT REFLECT THE EXISTING TOPOGRAPHY SUCH AS DRIVEWAYS, LANE WIDTHS, AND BUSINESS/RESIDENTIAL ACCESSES. EVERY LOCATION THAT REQUIRES CONSTRUCTION TRAFFIC CONTROL SHALL HAVE A DETAILED TRAFFIC CONTROL PLAN SHOWING ALL EXISTING TOPOGRAPHY.

4. CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.

5. CONSTRUCTION COORDINATION SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY TRAFFIC CONTROL CHANGES NEEDED BY CONTRACTOR, THAT WERE NOT PREVIOUSLY APPROVED. THESE TRAFFIC CONTROL CHANGES SHALL BE REQUESTED IN WRITING ACCOMPANIED WITH A TRAFFIC CONTROL PLAN REFLECTING SUCH CHANGES.

6. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL, SERVICE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES. TRAFFIC CONTROL DEVICES SHALL NOT BE REMOVED OR ALTERED IN ANY WAY WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION, PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

7. THE CONSTRUCTION TRAFFIC CONTROL INITIAL SET-UP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED WORKSITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.

8. CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND SERVICE ALL TRAFFIC CONTROL DEVICES 24 HOURS A DAY, 7 DAYS A WEEK THROUGHOUT LENGTH OF PROJECT. CONTRACTOR IS RESPONSIBLE THAT ALL TRAFFIC CONTROL DEVICES COMPLY WITH THE MUTCD, LATEST EDITION.

9. ALL ADVANCE WARNING SIGNS SHALL BE DOUBLE INDICATED WHENEVER THERE ARE MULTI-LANE TRAFFIC IN ANY ONE GIVEN DIRECTION AND THERE IS SUFFICIENT MEDIAN SPACE.

10. ALL BARRICADES IN ALL TAPERS AND TANGENTS SHALL BE PLACED APART, A DISTANCE MEASURED IN FEET, EQUAL TO THAT OF THE POSTED SPEED LIMIT. NO EXCEPTIONS UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 6A-4.

11. CONTRACTOR SHALL NOT BEGIN WORK BEFORE 8:30 A.M. OR END WORK AFTER 4:00 P.M. WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

12. CONTRACTOR IS RESPONSIBLE TO PROVIDE CONSTRUCTION COORDINATION, A WEEKLY LOG OF DAILY INSPECTIONS OF BARRICADE AND MAINTENANCE SCHEDULES ON PROJECTS THAT ARE OVER ONE WEEK DURATION.

13. EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELLED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

14. CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.

15. CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.

16. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.

17. CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA UNDER THE SUPERVISION OF CONSTRUCTION COORDINATION. EACH ACCESS SIGN SHALL HAVE 5 INCH, WHITE OPAQUE LETTERING ON BLUE REFLECTORIZED BACKGROUND. ACCESS SIGNS SHALL BE CONSIDERED INCIDENTAL TO THE BID AND NOT PART OF THE CONTRACT UNLESS OTHERWISE STATED. NO MORE THAN 3 BUSINESSES SHALL BE LISTED ON A ACCESS SIGN. SHOPPING CENTERS AND MALLS SHALL BE LISTED AS SUCH.

18. ALL ADVANCE WARNING SIGNS SHALL MEET THE MINIMUM REFLECTIVE INTENSITY REQUIREMENTS SET FORTH BY THE CITY OF ALBUQUERQUE. CONSTRUCTION COORDINATION SHALL DETERMINE ALL REQUIREMENTS AND APPROVE OR DISAPPROVE ANY ADVANCE WARNING SIGN PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

19. 24 HOURS PRIOR TO OCCUPANCY OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITALS, TRANSIT AUTHORITY, BUSINESSES AND/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.

20. ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY CONSTRUCTION COORDINATION.

21. EXCAVATIONS SHALL BE PLATED, TEMPORARILY PATCHED OR RESURFACED PRIOR TO OPENING OF TRAFFIC. A MINIMUM OF 11 FEET SHALL BE PROVIDED FOR TRAFFIC IN ANY GIVEN DIRECTION. CONTRACTOR IS RESPONSIBLE FOR ANY WORK INVOLVED IN SATISFYING THESE REQUIREMENTS.

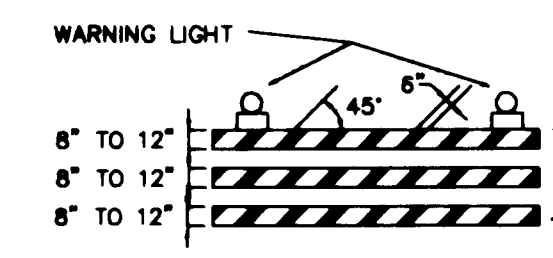
22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:
1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
2. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
3. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, AS WELL AS OTHER SECTIONS.

23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.

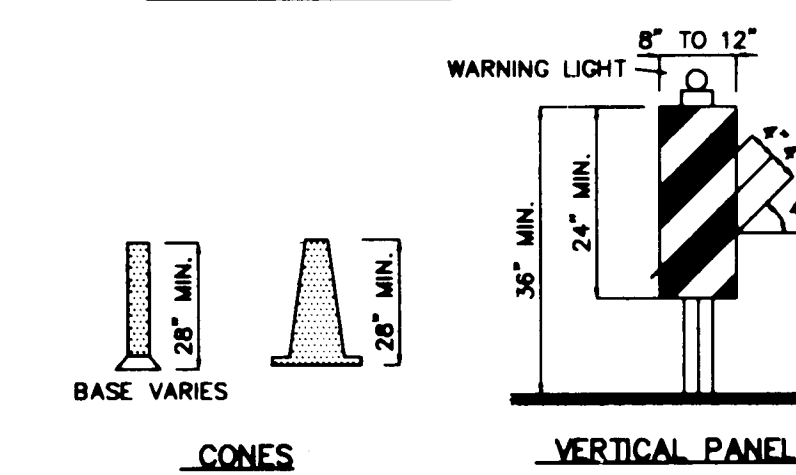
24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION. WASHING OF EQUIPMENT IS INCIDENTAL TO ITS PLACEMENT AND MAINTENANCE.

25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.

PROJECT CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES



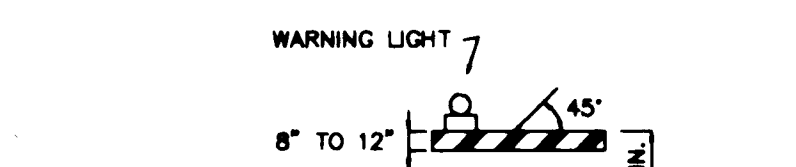
TYPE III BARRICADE



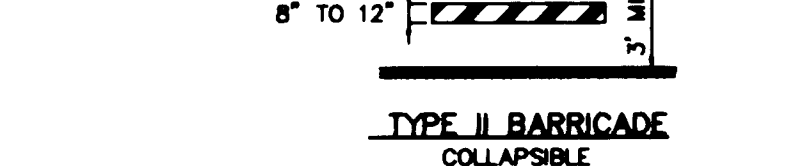
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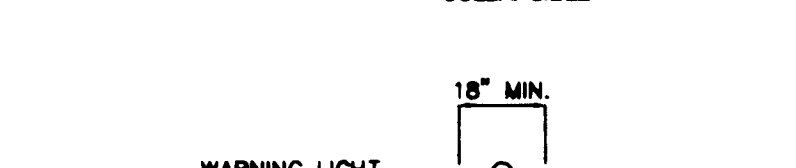
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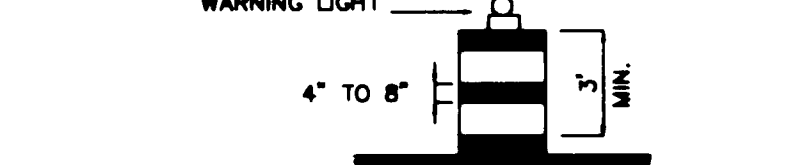
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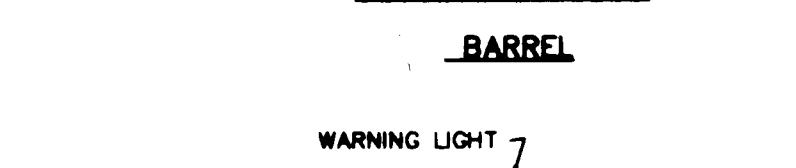
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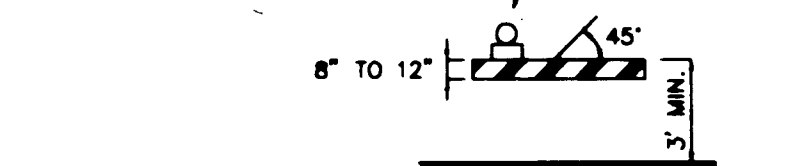
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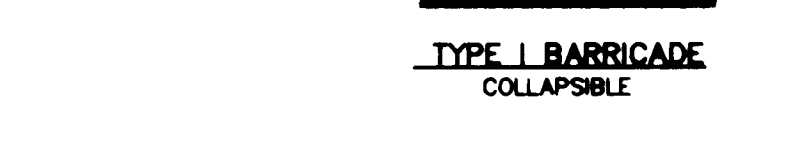
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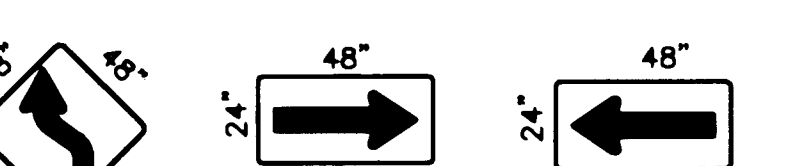
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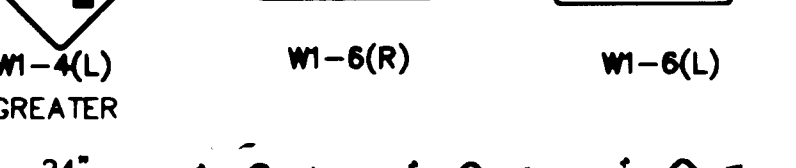
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TYPE II BARRICADE



TYPE I BARRICADE



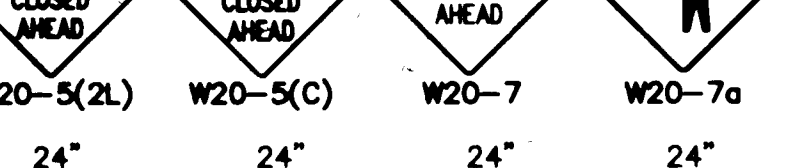
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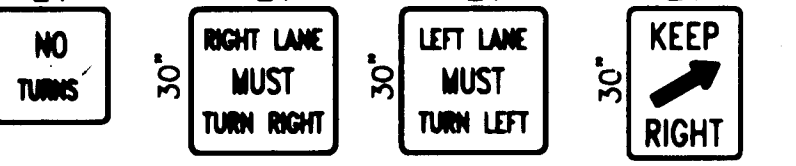
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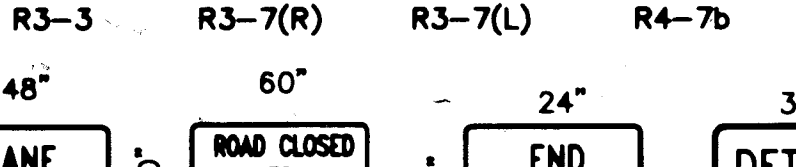
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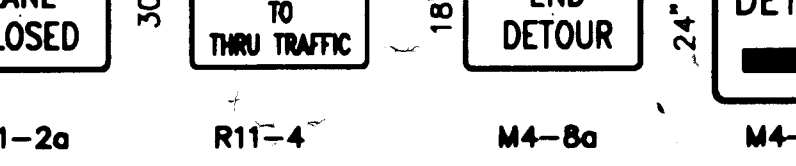
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TYPE II BARRICADE



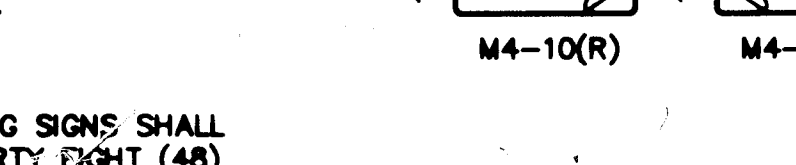
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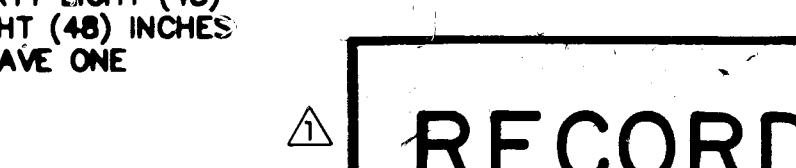
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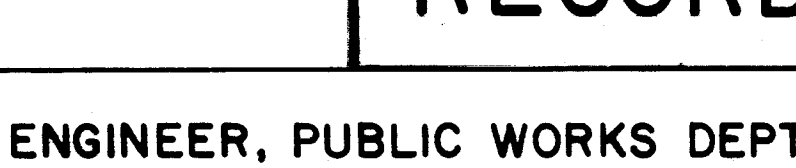
TYPE II BARRICADE



TYPE I BARRICADE



TYPE III BARRICADE



TYPE II BARRICADE



TYPE I BARRICADE

LEGEND

- WORK AREA
- BARRICADE - TYPE I, TYPE II, OR BARREL
- BARRICADE - TYPE III
- VERTICAL PANEL
- WARNING SIGN
- DISTANCE BETWEEN SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
- FLAGMAN POSITION
- SPACING BETWEEN BARRICADES - A DISTANCE MEASURED IN FEET EQUAL TO THE SPEED LIMIT OF THE STREET
- TAPER LENGTH - SEE CHART BELOW
- THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.

TAPER REQUIREMENTS

SPEED LIMIT (MPH)	TAPER LENGTH (FEET)			MINIMUM NUMBER OF DEVICES FOR TAPER	MAXIMUM DEVICE SPACING IN FEET	
	10' LANE	11' LANE	12' LANE		ALONG TAPER	AFTER TAPER
20	70	75	80	5	20	20
25	105	115	125	6	25	25
30	150	165	180	7	30	30
35	205	225	245	8	35	35
40	270	295	320	9	40	40
45	450	495	540	13	45	45
50	500	550	600	13	50	50
55	550	605	660	13	55	55

RECOMMENDED SIGN SPACING FOR ADVANCE WARNING SIGN SERIES

SPEED MILES PER HOUR	MINIMUM DISTANCE IN FEET BETWEEN SIGNS	FROM LAST SIGN TO TAPER
0-20	10 X SPEED LIMIT	10 X SPEED LIMIT
25-30	10 X SPEED LIMIT	10 X SPEED LIMIT
30-35	10 X SPEED LIMIT	10 X SPEED LIMIT
40-45	10 X SPEED LIMIT	10 X SPEED LIMIT
50-60	10 X SPEED LIMIT	10 X SPEED LIMIT

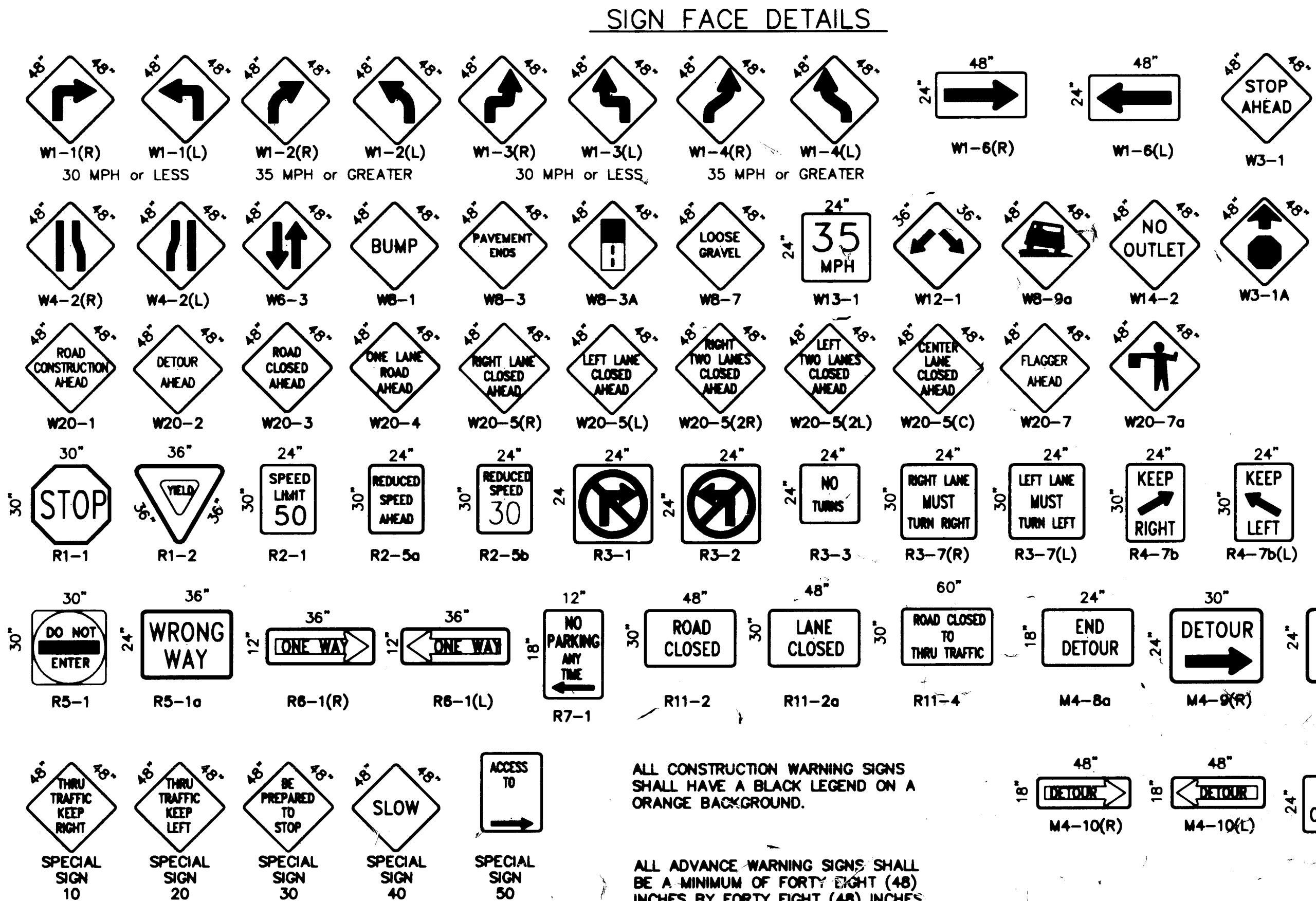
TAPER CRITERIA

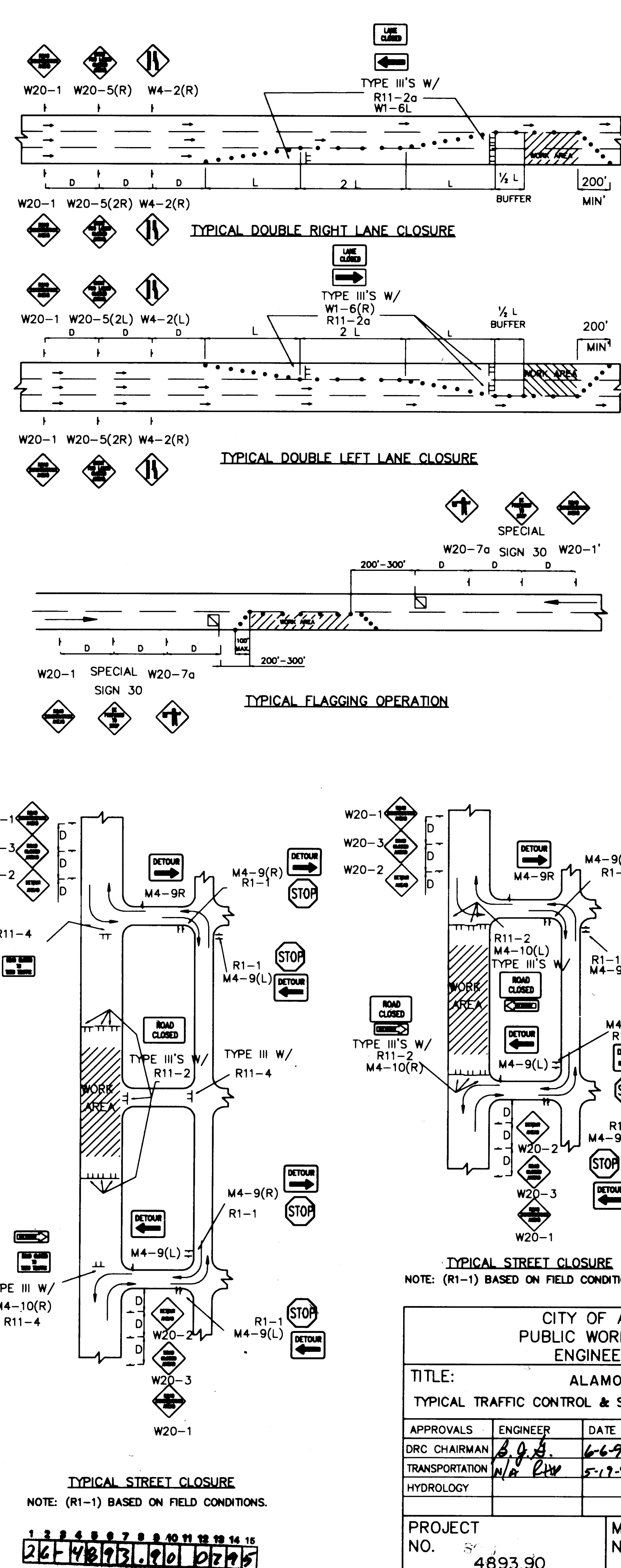
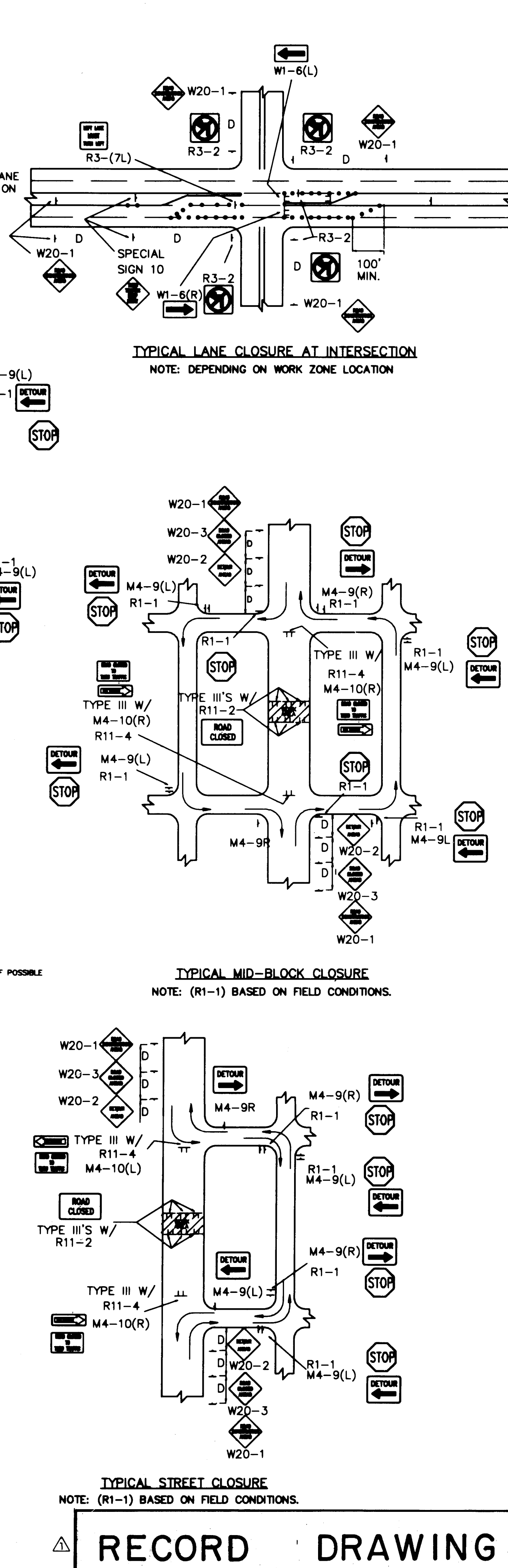
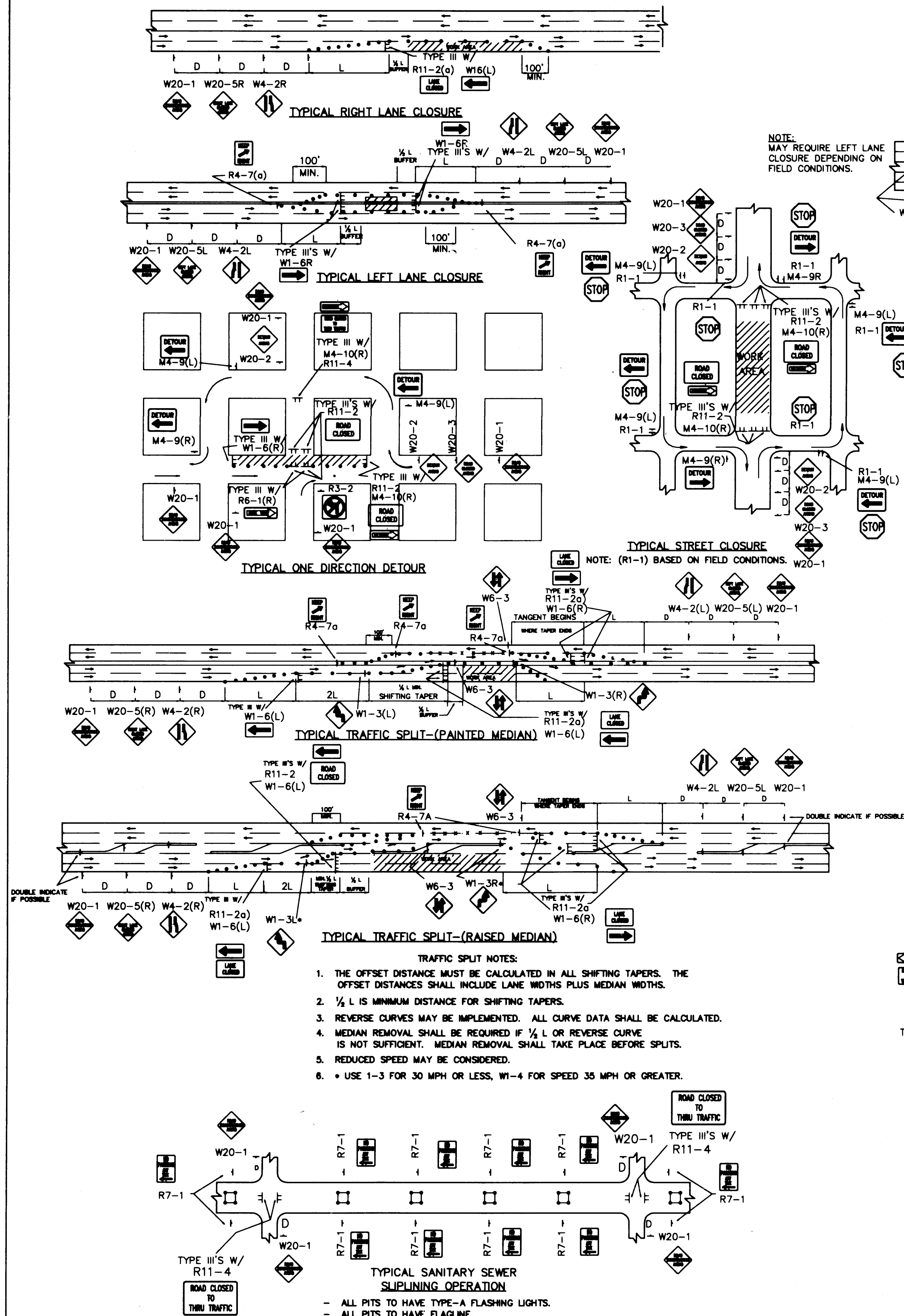
TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTEAM TAPERS	100 FEET PER LANE

TAPER LENGTH COMPUTATION

SPEED LIMIT	L = W x S
40 MPH OR LESS	L = W x S
45 MPH OR GREATER	L = W x S

L = TAPER LENGTH
W = WIDTH OF OFFSET IN FEET
S = POSTED SPEED OR OFF-PEAK 85-PERCENTILE SPEED IN MPH





RECORD DRAWING

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 42 73 90 127 5

**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP**

TITLE: ALAMOSA COURT
TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES (REF. M.U.T.C.D.)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	B.G.B.	6-6-94	WATER	N.P.	6-6-94
TRANSPORTATION	N/A	5-17-94	WASTE WATER		
HYDROLOGY					

PROJECT NO. 4893.90 **MAP NO.** F 14 **SHEET OF** 7 7

AS BUILT INFORMATION

CONTRACTOR: HYDRO-SYSTEMS
J.M.A.
DATE: 10/94
INSPECTED BY: J.M.A.
DATE: 5/95
APPROVED BY: J.M.A.
DATE: 5/95
CORRECTED BY: J.M.A.
DATE: 5/95
MICRO-FILM INFORMATION
RECORDED BY: J.M.A.
DATE: 5/95

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

J.M.A.
BY
NO. DATE
REVISIONS
DESIGN
DESIGNED BY: RICARDO ROYBAL P.E.
DATE: NOV. 1991
DRAWN BY: C.A.D.D./WLB/A.F.V.
DATE: NOV. 1991
CHECKED BY: DATE