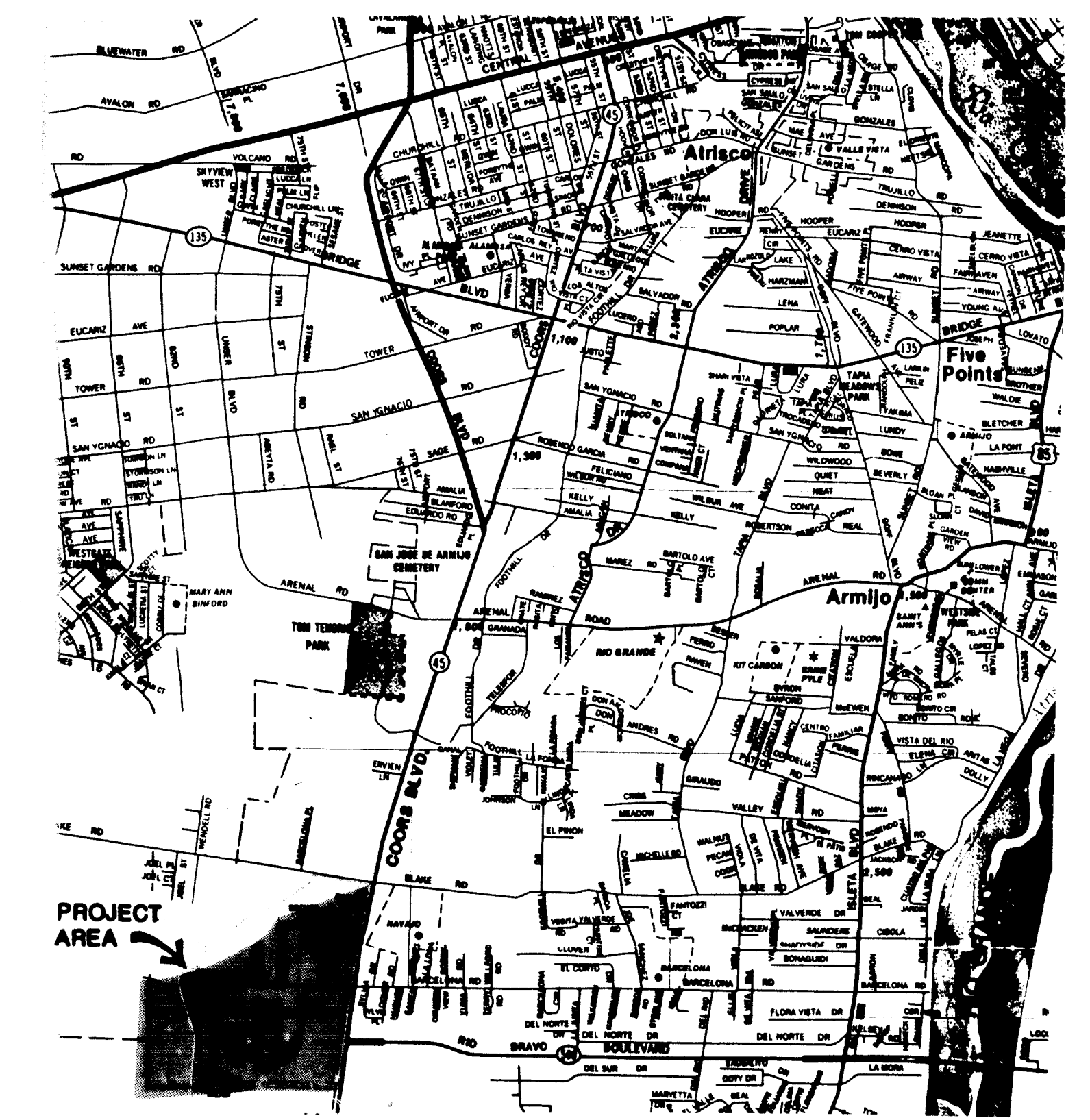


CITY OF ALBUQUERQUE, NEW MEXICO
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

CONSTRUCTION PLANS
FOR
SOUTH VALLEY WATER AND SEWER
SYSTEM IMPROVEMENT PROJECT
"U-1 AREA"

SHEET INDEX

SHEET NO.	DESCRIPTION & STREET NAME	SHEET NO.	DESCRIPTION & STREET NAME
1	COVER & INDEX	25	BARBARA VISTA AVENUE
2-3	OVERALL WATER & SEWER PLAN	26	ARLOLANE AVENUE
4-5	OVERALL PAVING PLANS	27	KIRKVIEW DRIVE
6-8	FLORA VISTA AVENUE	28	C. J. COURT
9-11	BARCELONA DRIVE	29	DEL FORADO DRIVE
12-13	OWEN ROAD	30	DEL FORADO DRIVE / ARLOLANE AVENUE
14	BROWN DRIVE	31-32	JAMESWAY DRIVE
15	BARCELONA PLACE	33-35	COORS BOULEVARD
16-17	PAYNE ROAD	36	PHILLIPS DRIVE
18	ELDER COURT	37	MISCELLANEOUS DETAILS
19	COORS PLACE	38	TRAFFIC CONTROL STANDARDS
20	AFC SUBDIVISION NO. 3-POR. TR. 117	39	TRAFFIC CONTROL SIGNING EXAMPLES
21	SNIPES ROAD	40-41	TYPICAL RESIDENTIAL STREET CLOSURES
22	"PRIVATE ROAD" WEST OF SNIPES RD.	42	TYPICAL SIDE STREET INTERSECTION SIGNING
23-24	CONDERSHIRE DRIVE	43	TRAFFIC CONTROL PLAN - COORS ROAD
24A	ROSE ACRES WATER SYSTEM (CJ, ARLOLANE & CONDERSHIRE) NO.	44	BARTOLO AVE
		45	RINER COURT
		46	ROBIN COURT



VICINITY MAP

GENERAL NOTES:

THE CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING THE EXECUTION OF THE WATER VALVE SHUT-OFF PLAN WITH THE WATER SYSTEMS DIVISION (857-8200) 3 WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER UTILITIES. SEE SHEET 33 OF 43 FOR WATER SHUT-OFF PLAN.

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 C.O.A. STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION (AS AMENDED WITH UPDATE #4) AND THE BERNALILLO COUNTY STANDARDS FOR PUBLIC WORKS CONSTRUCTION. WHERE CONFLICTS ARISE, THE MORE STRINGENT REQUIREMENT WILL BE ENFORCED.

TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 260-1990, FOR LOCATION OF EXISTING UTILITIES.

PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. THE LOCATIONS OF ALL GAS, ELECTRIC, CABLE TV, AND TELEPHONE WERE OBTAINED FROM THEIR RESPECTIVE ORGANIZATIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY. THE CONTRACTOR SHALL COORDINATE ALL UTILITY CROSSINGS WITH THEIR RESPECTIVE ORGANIZATIONS.

ALL COMPACTION FOR THIS PROJECT WILL BE 95% OF THE MAXIMUM DRY DENSITY PER ASTM D 1557.

TRAFFIC CONTROL

THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATOR A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE NEW MEXICO STATE HIGHWAY AND TRANSPORTATION DEPARTMENT (841-2700) & BERNALILLO COUNTY PUBLIC WORKS DEPARTMENT (843-6120).

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. THIS WORK SHALL BE INCIDENTAL TO THE TRAFFIC CONTROL. ALL RESTRIPING MUST MEET THE REQUIREMENTS OF THE SPECIFICATIONS AND MUST BE APPROVED BY THE CONSTRUCTION COORDINATOR.

20-45/5.90 0197

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE 12-8-97

STEVEN J. MEYER
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
8220
10-19-93

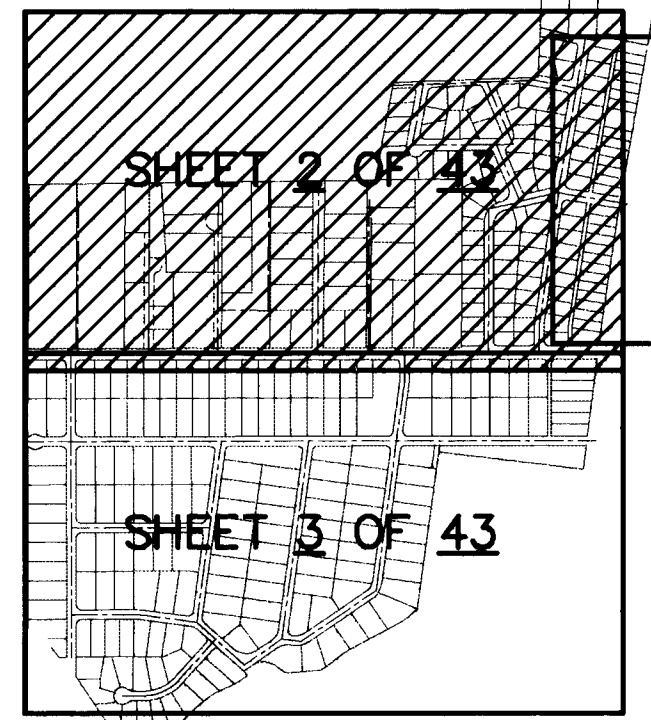
JOHN M. STONER
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
8220
10-19-93

3, 33, 37, 38, 39	1 thru 46	As Buiers	10/21/93	11-26-97	
REVISION SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT

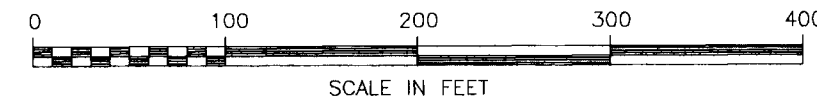
APPROVAL OF REVISIONS

APPROVED FOR CONSTRUCTION

Charles R. Bowman

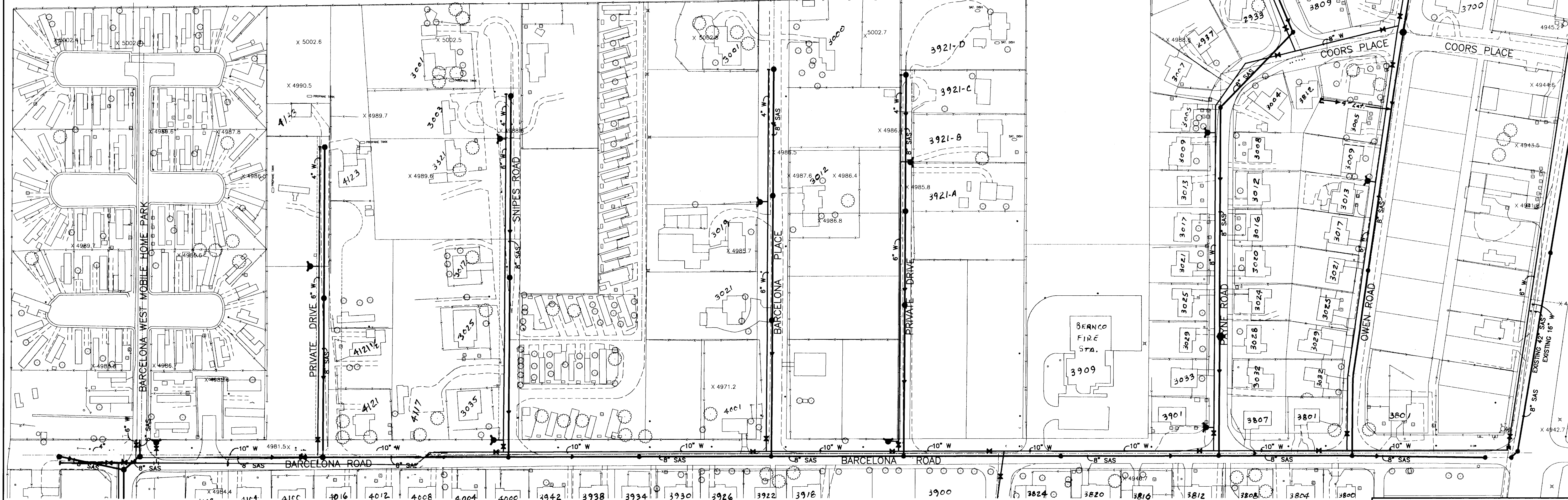


KEY PLAN

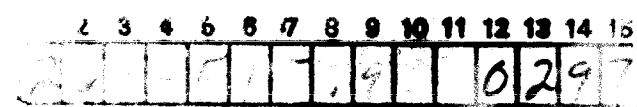


SOUTH VALLEY
SEWER

EXIST 36" STORM DRAIN



- NOTES:
1. ALL WATER AND SEWER SERVICE STUBOUT LOCATIONS WILL BE DETERMINED IN THE FIELD. CONTRACTOR TO COORDINATE WITH HOMEOWNER PRIOR TO INSTALLATION.
 2. THE WATER SERVICE DETAIL SHOWN ON SHEET 37 IS THE PREFERRED METHOD OF SERVICE.
 3. DUE TO THE LOCATION OF EXISTING UTILITIES ON THE WEST SIDE OF COORS BLVD., THE 6" WATERMAIN MAY NEED FIELD ADJUSTMENT.

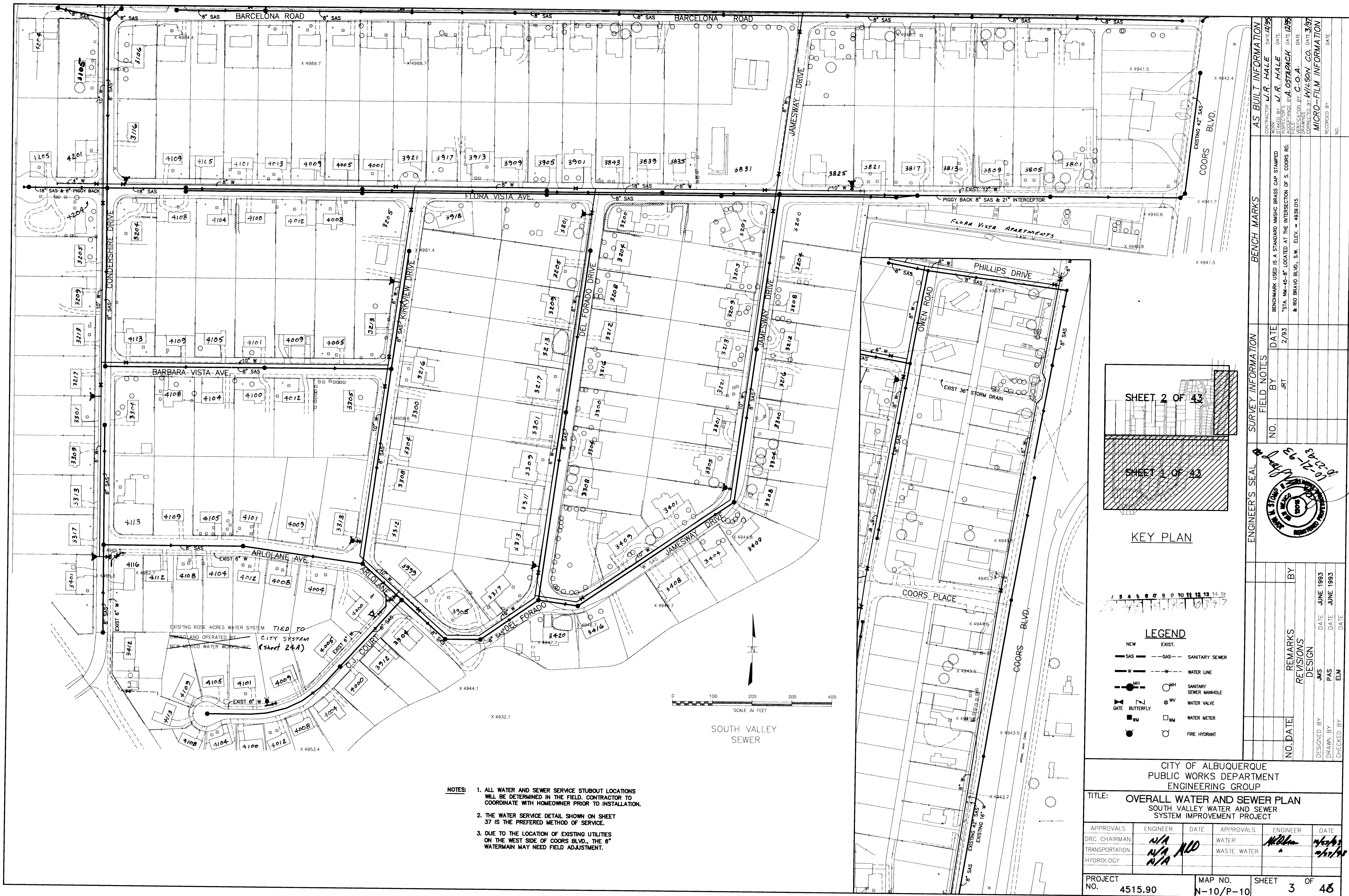


NEW		EXIST.	
— SAS —	— SAS —	— SAS —	SANITARY SEWER
— W —	— W —	— W —	WATER LINE
— MH —	— MH —	— MH —	SANITARY SEWER MANHOLE
— GATE —	— BUTTERFLY —	— GATE —	WATER VALVE
— WM —	— WM —	— WM —	WATER METER
— FH —	— FH —	— FH —	FIRE HYDRANT

SCANNED BY
BY LASON

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP				
TITLE: OVERALL WATER AND SEWER PLAN SOUTH VALLEY WATER AND SEWER SYSTEM IMPROVEMENT PROJECT				
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER
DRG. CHAIRMAN	N/A		WATER	MDLm
TRANSPORTATION	N/A		WASTE WATER	"
HYDROLOGY	N/A			
PROJECT NO.	4515.90	MAP NO.	N-10/P-10	SHEET 2 OF 48

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		FIELD NOTES		ENGINEER'S SEAL		REVISIONS		BY		DATE	
CONTRACTOR	J.R. HALE	DATE	12/95	WORK	BY	J.R. HALE	DATE	12/95	DATE	2/93	DATE	2/93	DATE	2/93	DATE
INSPECTOR	J.R. HALE	DATE	12/95	ACCEPT											



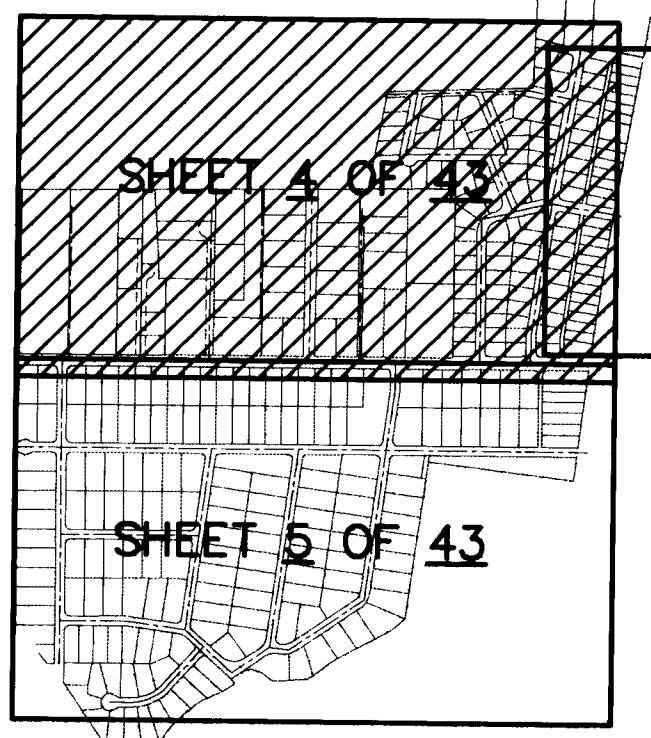
AS BUILT INFORMATION			BENCH MARKS		
CONTRACTOR	U.R. HALE	DATE	12/93	WORK	DATE
STARTED BY	U.R. HALE	DATE		BENCHMARK USED IS A STANDARD NMHC BRASS CAP STAMPED	
ACCEPTANCE BY	A. OSTAPACK	DATE	12/93	"STA. 11+45-8" LOCATED AT THE INTERSECTION OF S. COORS RD.	
FIELD DRAWING BY	C.O.A.	DATE		& RIO BRAVO BLVD., S.W. ELEV. = 4039.015	
CORRECTED BY	WILSON CO.	DATE	3/97		
MICRO-FILM INFORMATION					
RECORDED BY		DATE			
NO.					
ENGINEER'S SEAL			SURVEY INFORMATION		
			FIELD NOTES		
			NO.	DATE	BY
REMARKS			NO. DATE		
DESIGNED BY			BY		
DRAWN BY			DATE		
CHECKED BY			DATE		
PAS			JUNE 1993		
ELM			JUNE 1993		

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

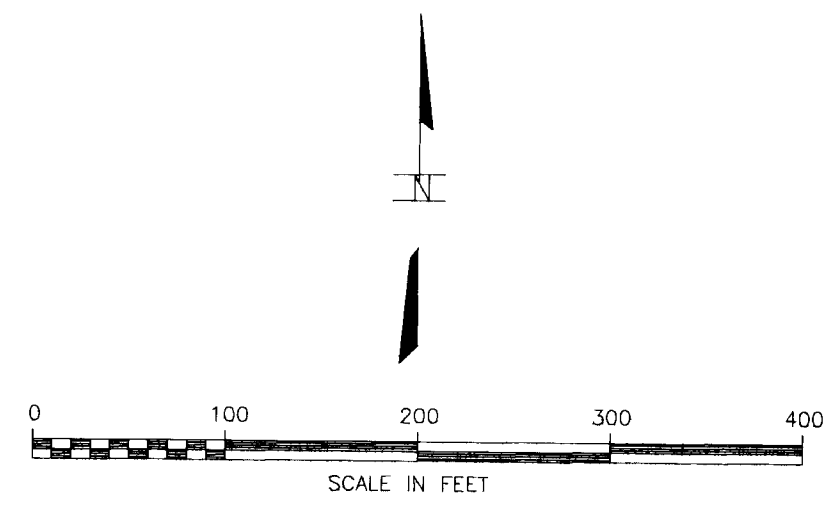
TITLE: OVERALL WATER AND SEWER PLAN
SOUTH VALLEY WATER AND SEWER
SYSTEM IMPROVEMENT PROJECT

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	N/A		WATER	W. H. H.	12/93
TRANSPORTATION	N/A		WASTE WATER		
HYDROLOGY	N/A				

PROJECT NO. 4515.90 MAP NO. N-10/P-10 SHEET 3 OF 46

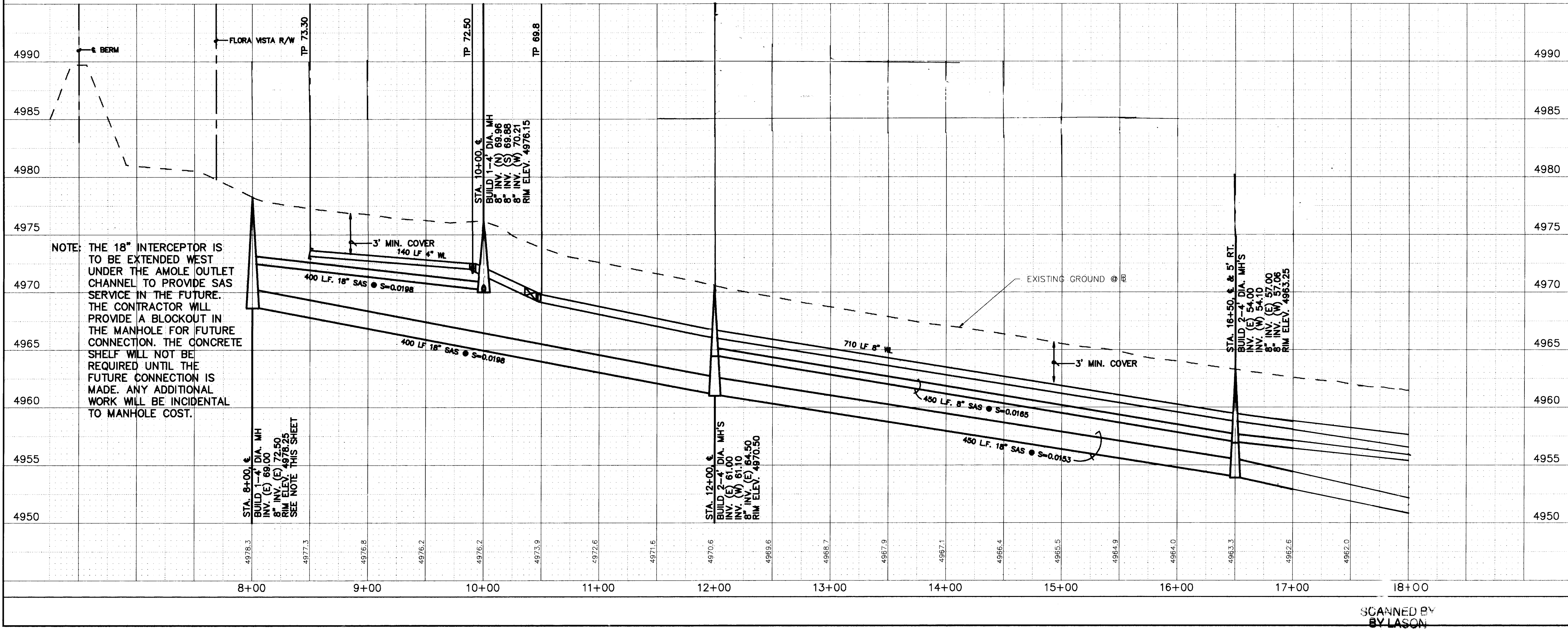
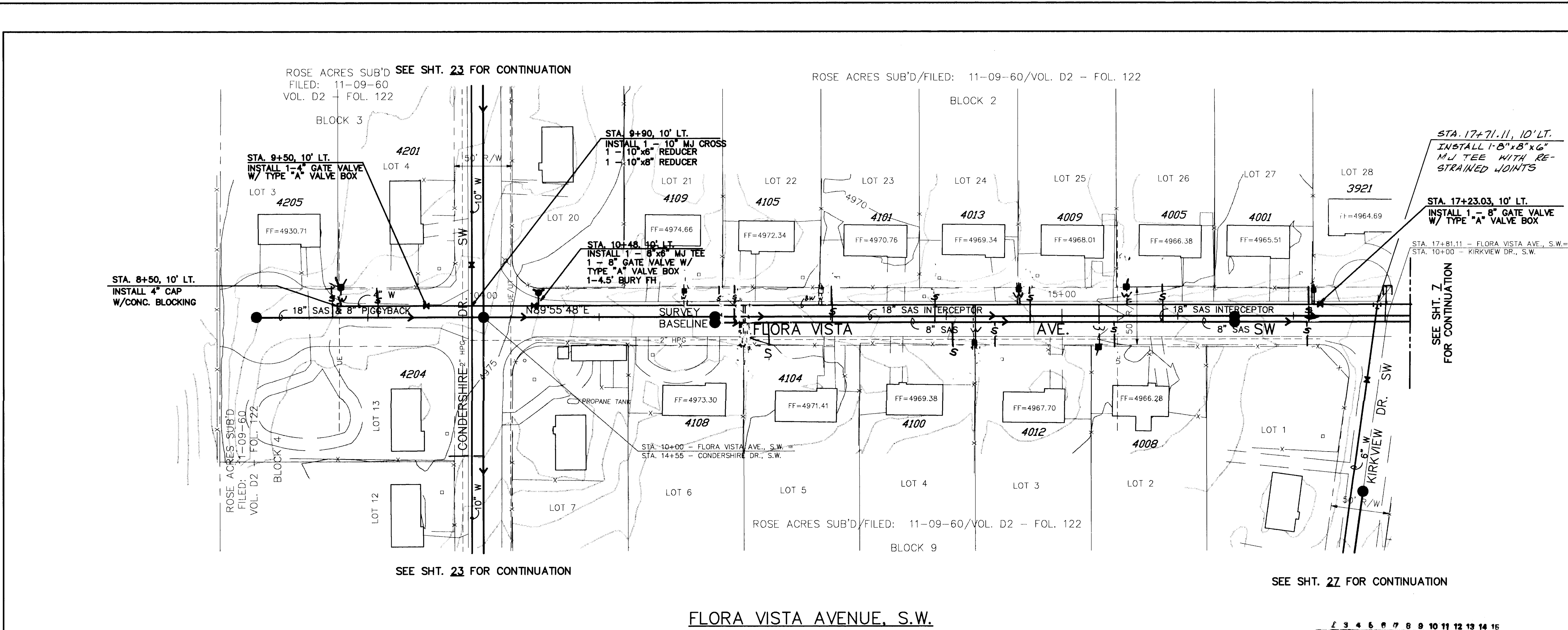


KEY PLAN



SOUTH VALLEY
SEWER



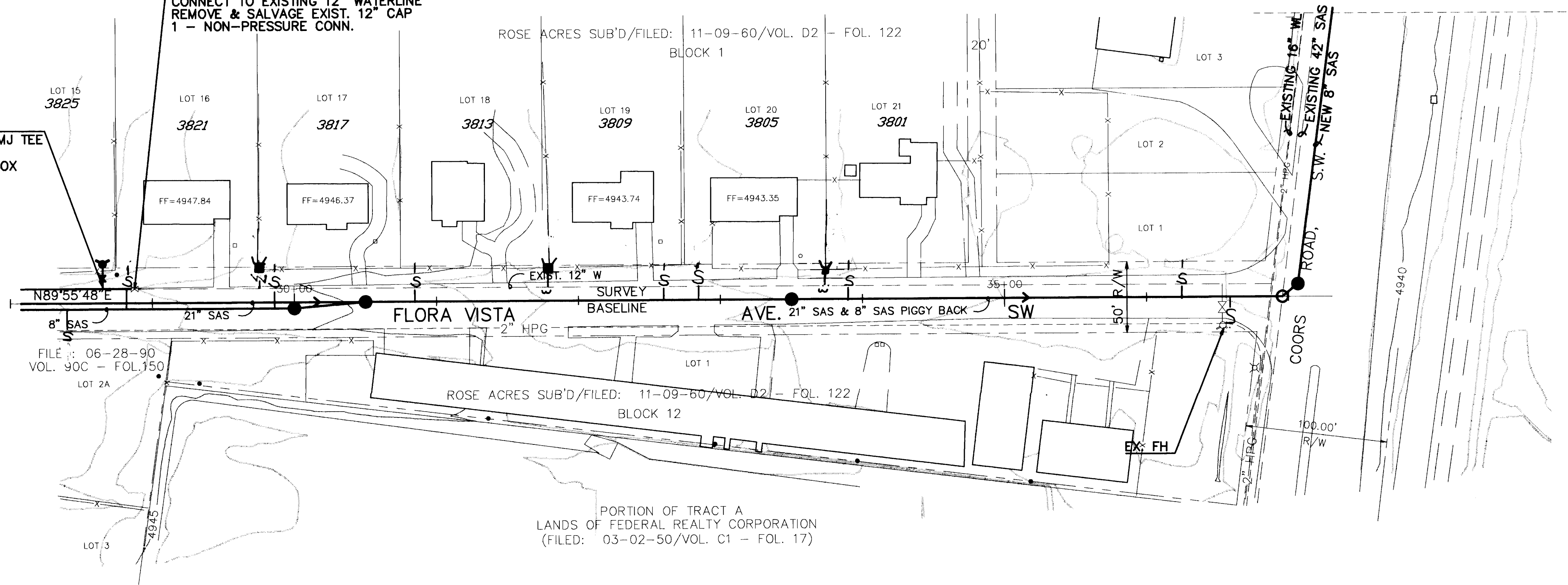


STA. 28+65.10' LT.
INSTALL 1 - 10"x6" MJ TEE
1 - 6" GATE VALVE
W/TYPE "A" VALVE BOX
1 - 4.5' BURY FH

STA. 28+87.49, 10' LT.
INSTALL 1 - 12"x10" REDUCER
CONNECT TO EXISTING 12" WATERLINE
REMOVE & SALVAGE EXIST. 12" CAP
1 - NON-PRESSURE CONN.

SEE SHT. 33 FOR CONTINUATION

SEE SHT. 2 FOR CONTINUATION



FLORA VISTA AVENUE, S.W.

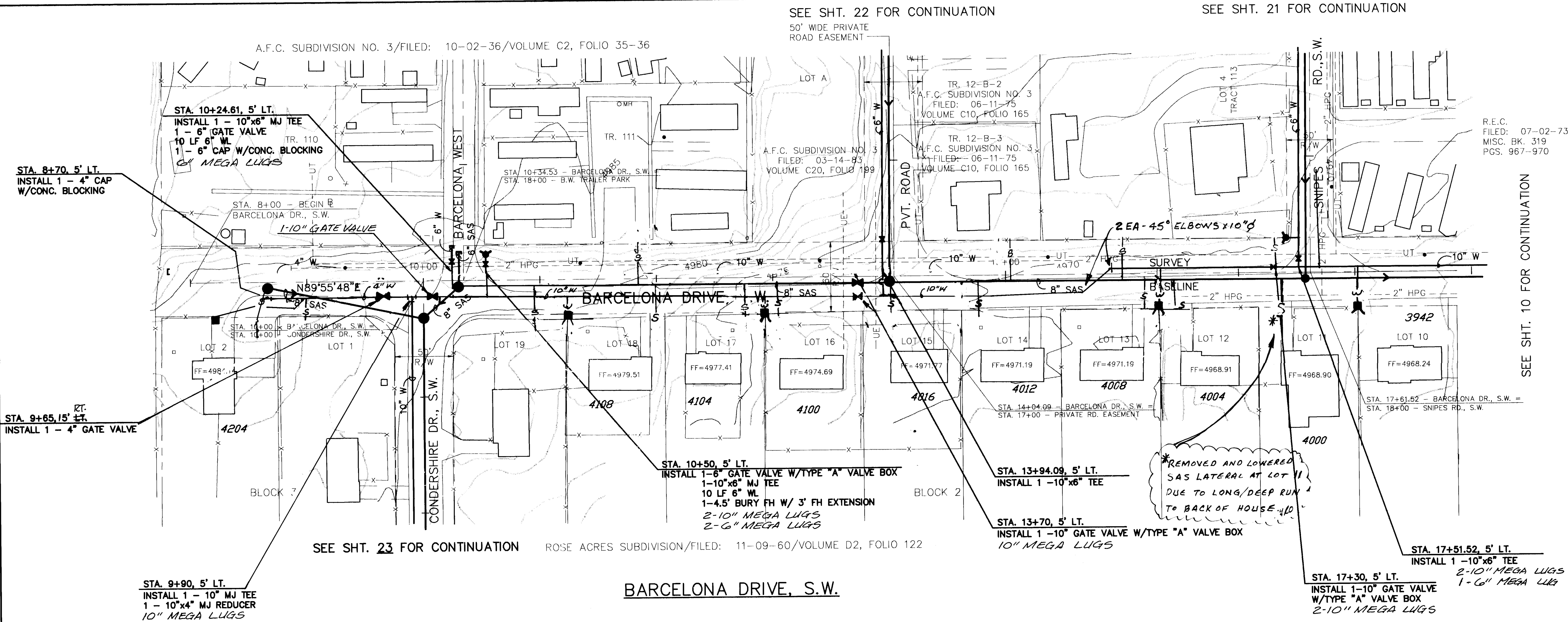
PLAN
SCALE: 1"=50'
PROFILE
SCALE: 1"=50' HORIZ.
1"=5' VERT.

LEGEND	
NEW	EXIST.
— SAS —	— SAS —
— W —	— W —
— MH —	— MH —
— GATE —	— GATE —
— BUTTERFLY —	— BUTTERFLY —
— WM —	— WM —
— FM —	— FM —
— UE —	— UE —
— UT —	— UT —
— G —	— G —
— UC —	— UC —

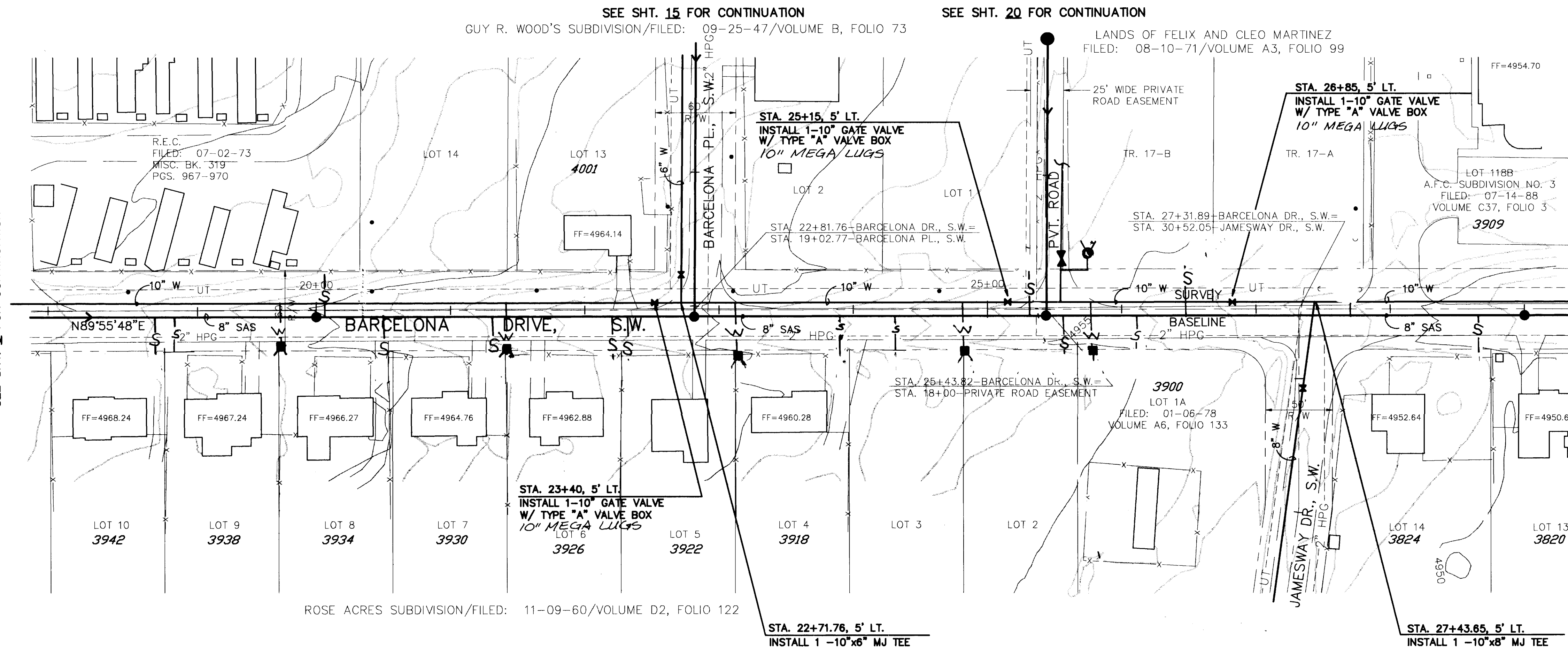
FLORA VISTA AVE., S.W.

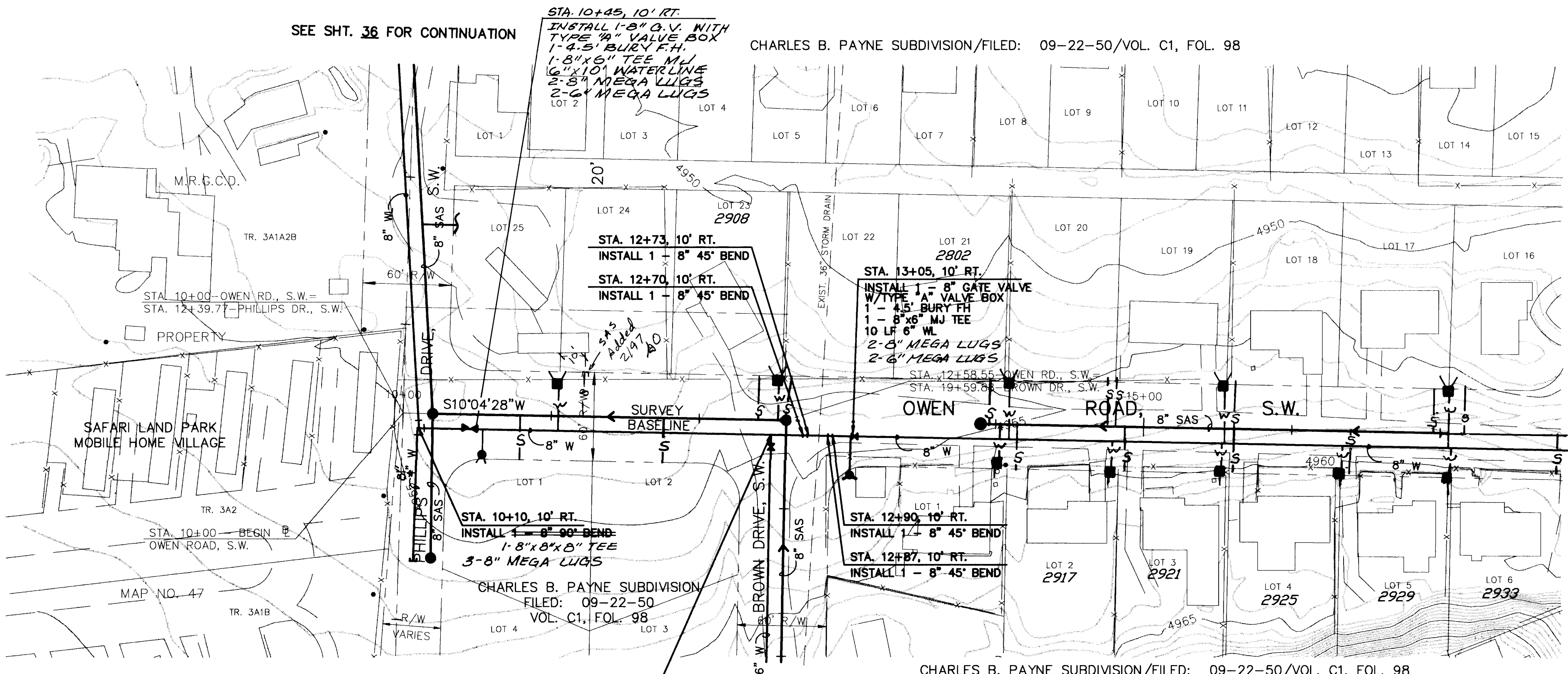
SEWER SERVICES				
LOT	STATION	SIZE	LENGTH	INV. • PL
16	28+80	4"		
17	29+83	4"		
18	30+85	4"		
19	32+63	4"		
20	32+85	4"		
21	33+91	4"		
1L	36+26	4"		
1R	36+53	4"		
3	28+39	4"		

WATER SERVICES				
LOT	STATION	SIZE	LENGTH	
16	28+75	15'		
17	29+75	15'		
18	31+79	15'		
19	31+79	15'		
20	33+75	15'		
21	33+75	15'		
1L				
1R				



SEE SHT. 2 FOR CONTINUATION





PLAN
SCALE: 1"=50'
PROFILE
SCALE: 1"=50' HORIZ.
1"=5' VERT.

LEGEND

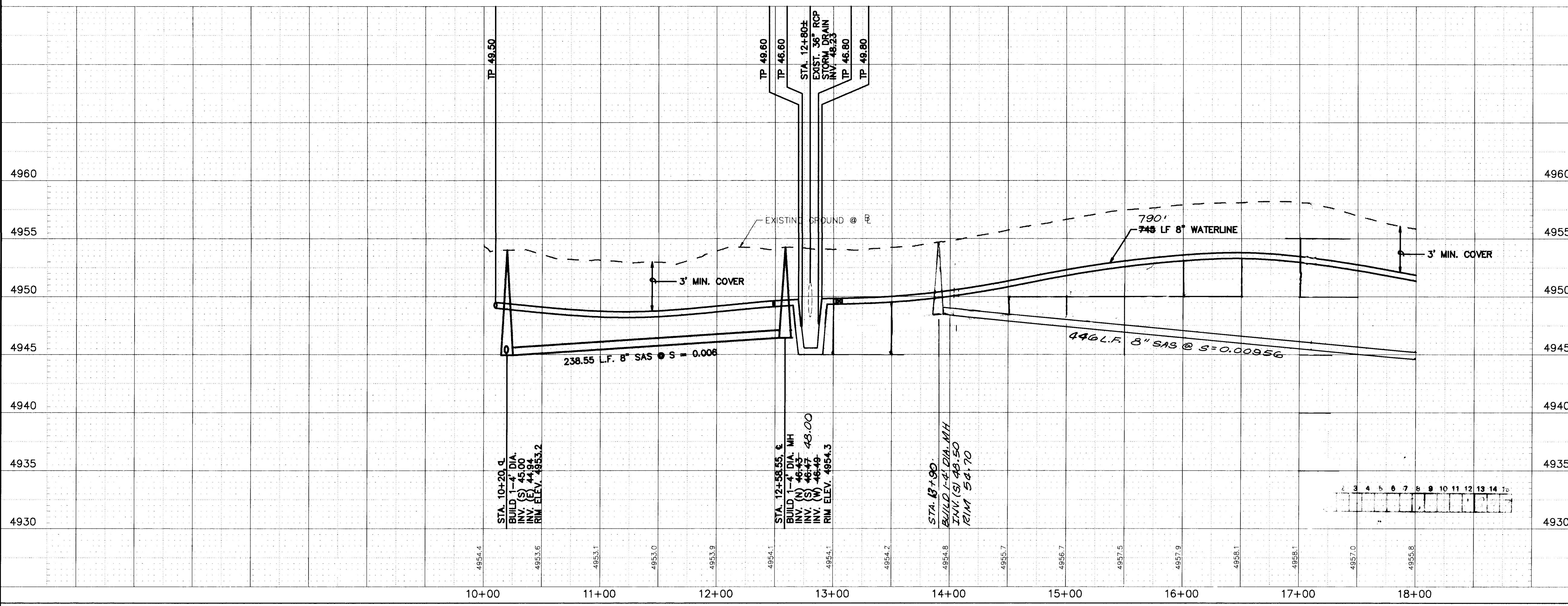
NEW EXIST.

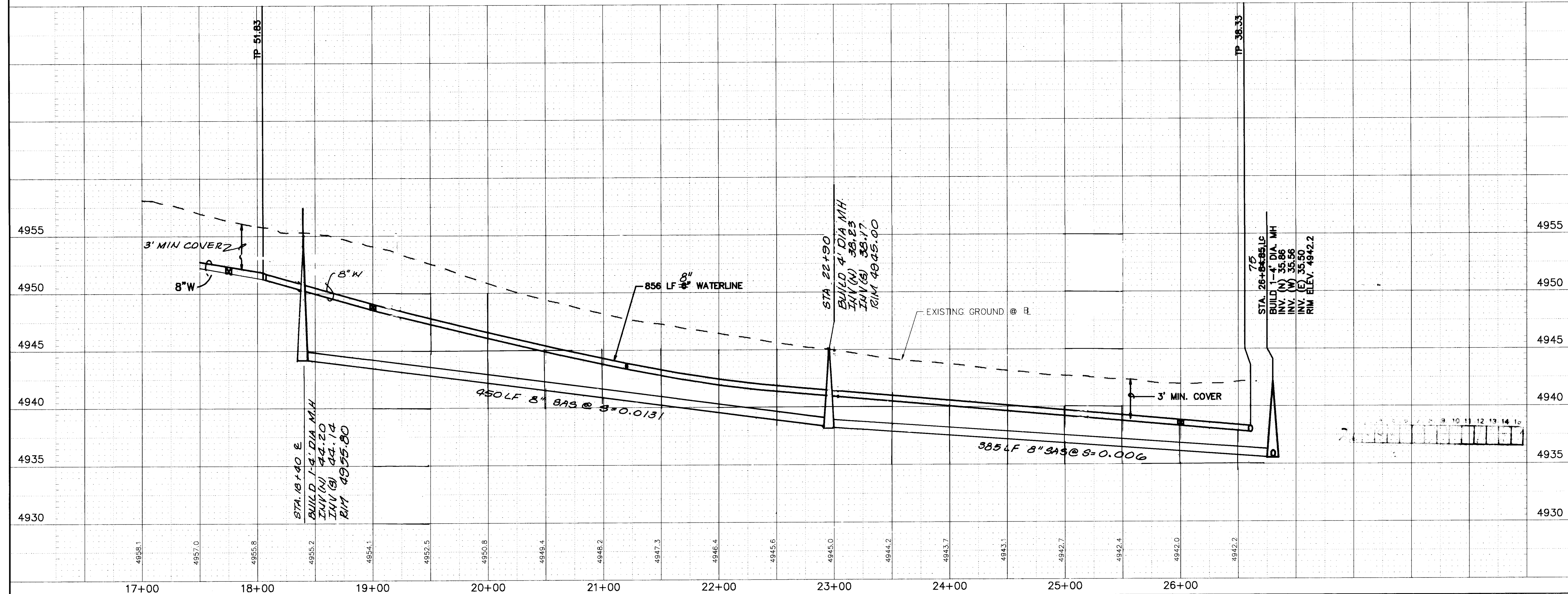
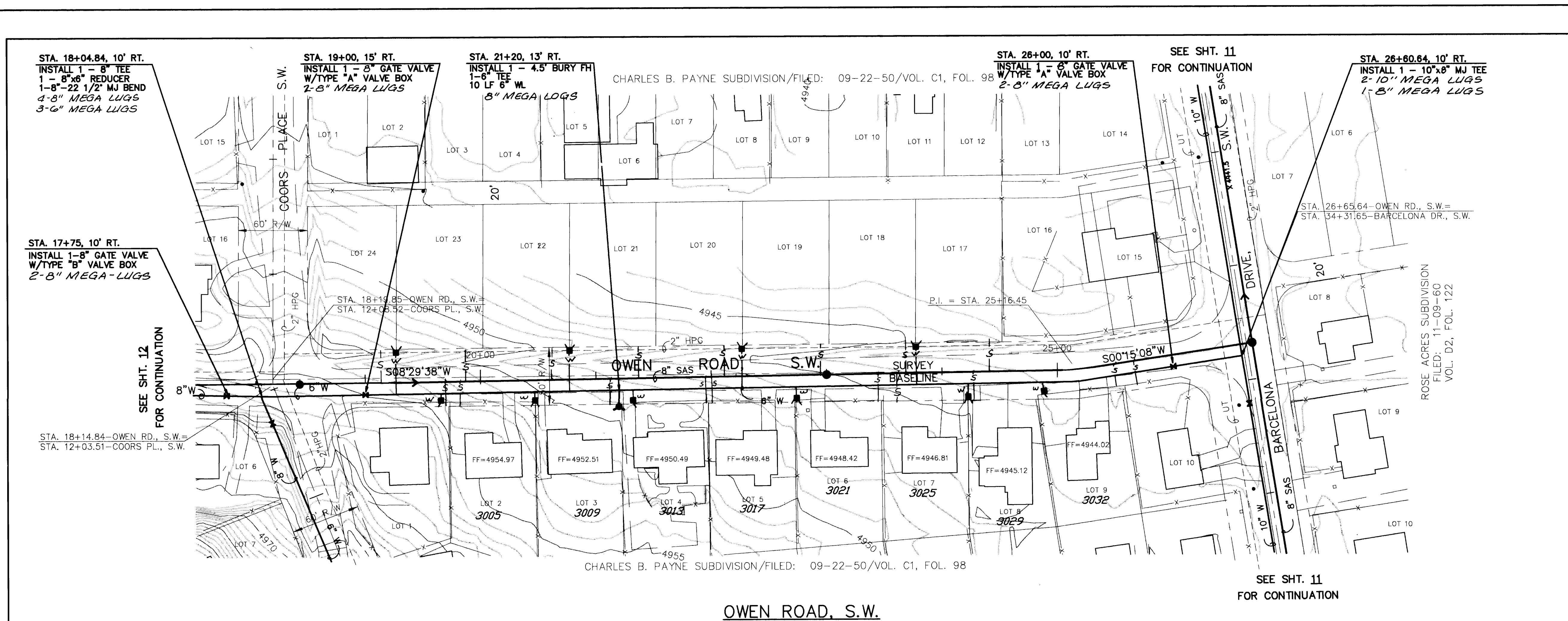
SAS SANITARY SEWER
W WATER LINE
MH SANITARY SEWER MANHOLE
WV WATER VALVE
WM WATER METER
FIRE HYDRANT
UE UNDERGROUND ELECTRIC
UT UNDERGROUND TELEPHONE
G UNDERGROUND GAS

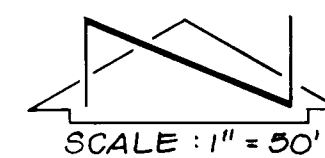
OWEN ROAD S.W.

SEWER SERVICES				
LOT	STATION	SIZE	LENGTH	INV. @ PL
25	11+15	4"	26'	4'-5" Deep to
24	12+39	4"	26'	4'-3"
23	12+58.25	4"	26'	4'-2"
22	13+90	4"	26'	4'-1"
21	14+77	4"	26'	4'-6"
20	14+79	4"	26'	4'-6"
19	15+62	4"	26'	4'-2"
18	16+97			
17	17+15			
16	10+75	4"	20'	4'-3"
1	11+76	4"	20'	4'-1"
2	12+12	4"	20'	4'-6"
3	14+86	4"	20'	4'-6"
4	15+56	4"	20'	4'-6"
5	16+34			
6	17+80			

WATER SERVICES			
LOT	STATION	SIZE	LENGTH
25	11+05	33'	
24	11+05	33'	
23	12+56	33'	
22	12+56	33'	
21	14+10	33'	
20	14+10	33'	
19	15+57	33'	
18	15+57	33'	
17	17+07	33'	
16	17+07	33'	
1			
2			
1	14+07	16'	
2	14+85	16'	
3	15+53	16'	
4	16+36	16'	
5	17+08	16'	







4109

4105

4101

4009

New W.M. Connected to Existing Line. See Sh. 26, Typical

EXISTING METER BOX, SEE SHEET 4, CONVERTED TO COA STD. BY NMWI

EXIST. INSTALL 1-45° ELL & CONC. BLOCKING

NEW 6" TEE TIE TO COA SYSTEM SEE SH. 26

EXIST. INSTALL 1-FH & CONC. BLOCKING

INSTALL 1-90° ELL & CONC. BLOCKING

EXISTING 1-90° GATE VALVE W/ VALVE BOX & 1-45° ELL & CONC. BLOCKING

INSTALL 1-90° ELL & CONC. BLOCKING

INSTALL 1-90° GATE VALVE W/ VALVE BOX

INSTALL 1-90° ELL & CONC. BLOCKING

INSTALL 1-90° ELL & CONC. BLOCKING

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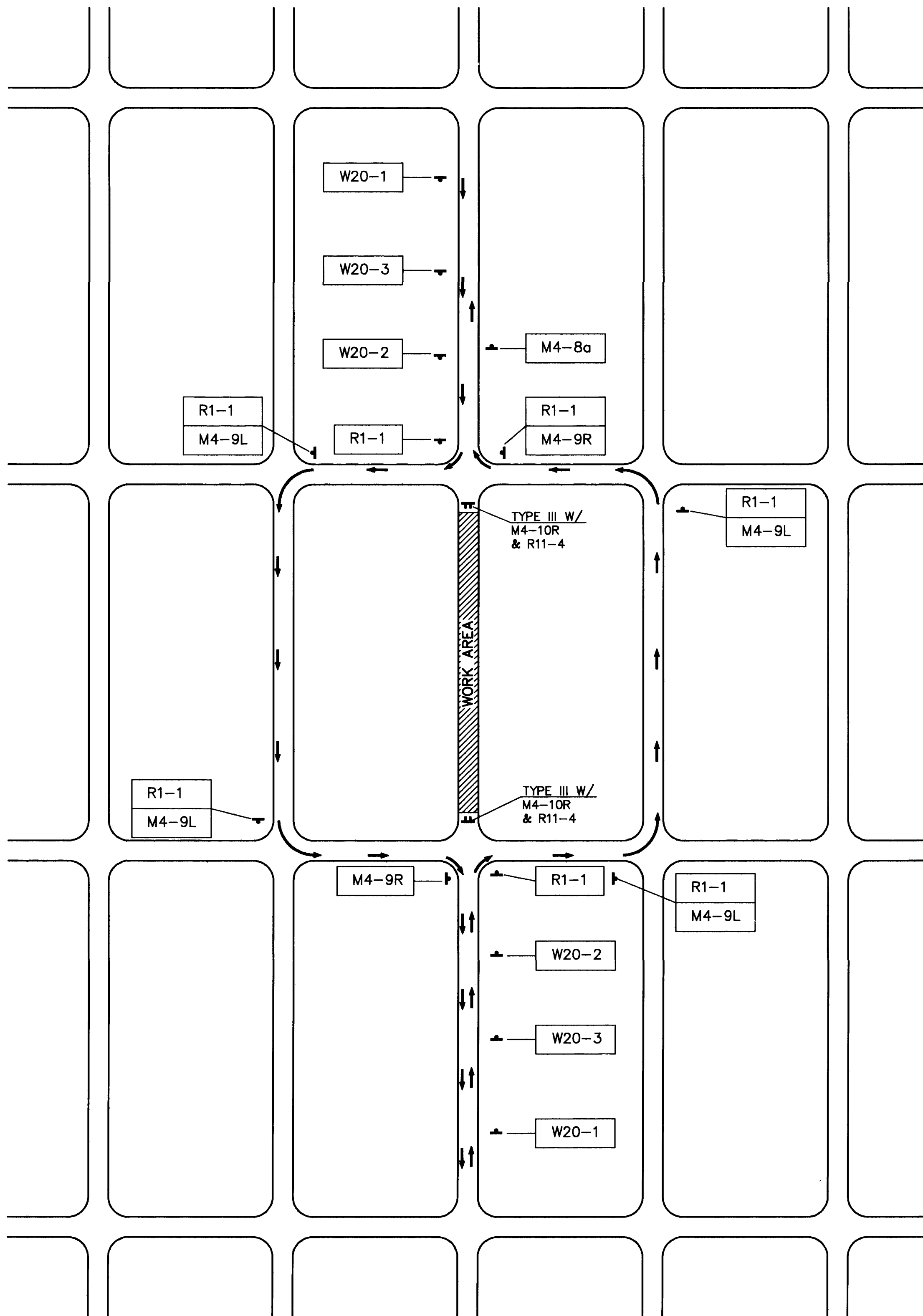
INSTALL 1-90° ELL & CONC. BLOCKING

INSTALL 1-90° ELL & CONC. BLOCKING

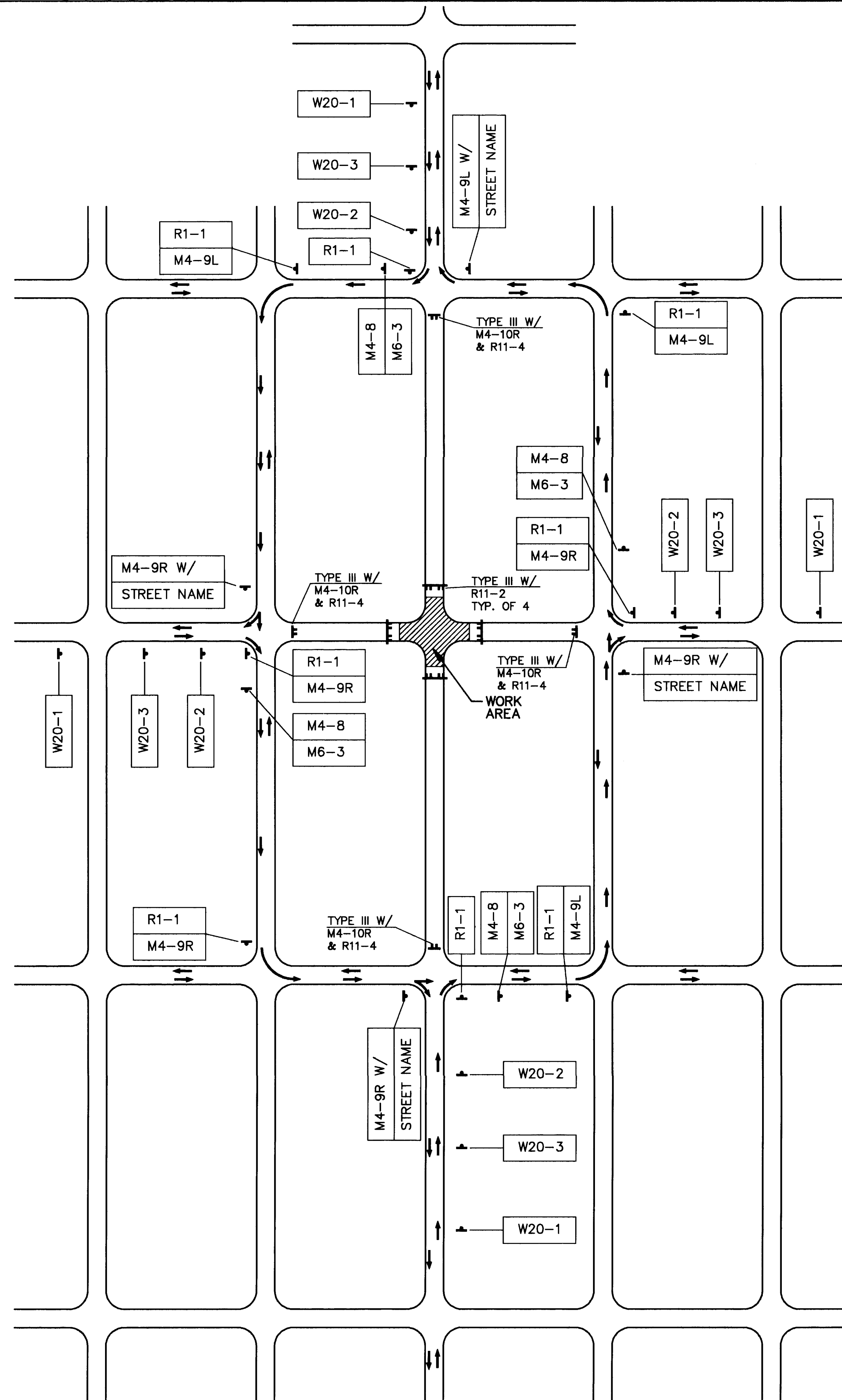
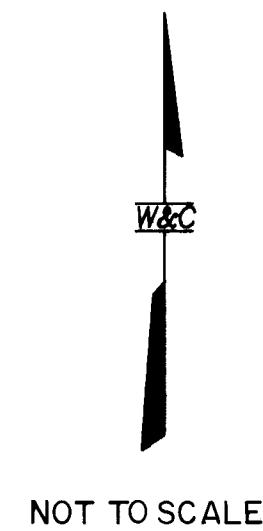
INSTALL 1-90° ELL & CONC. BLOCKING

INSTALL 1-90° ELL & CONC. BLOCKING

TC-19/CORR5/0.7/93.00



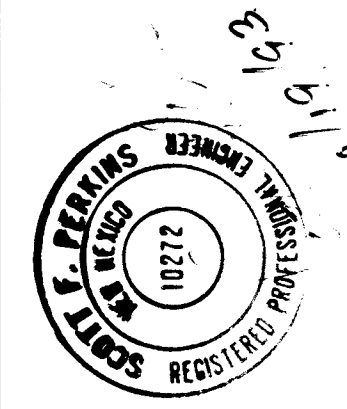
TYPICAL RESIDENTIAL STREET CLOSURES
R1-1 BASED ON FIELD CONDITIONS



TYPICAL RESIDENTIAL STREET CLOSURES
FOR CONSTRUCTION AT INTERSECTIONS
R1-1 BASED ON FIELD CONDITIONS

NOTES:

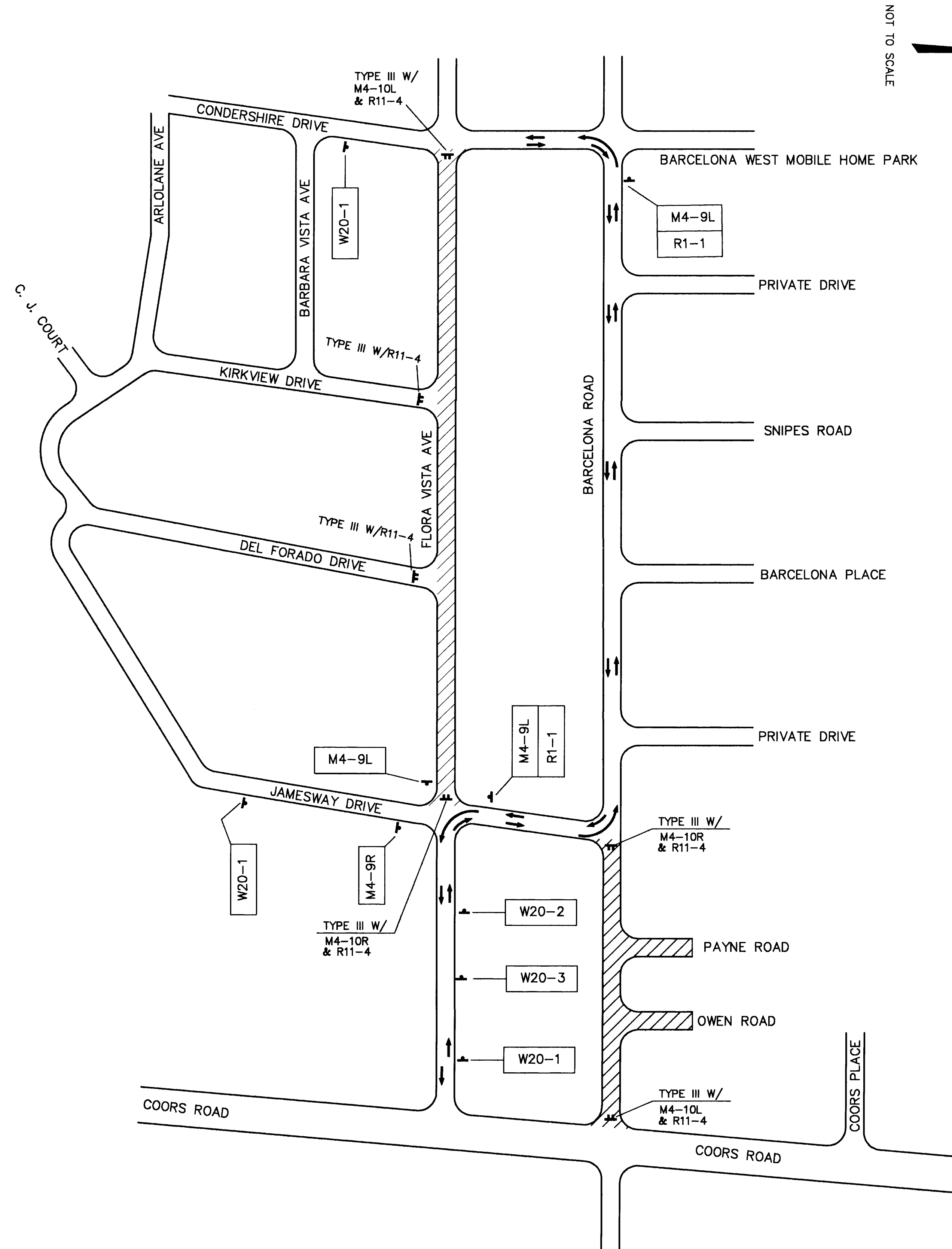
AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		DESIGNED BY		DRAWN BY		CHECKED BY	
CONTRACTOR	DATE	NO.	DATE	FIELD NOTES	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
WORKED BY	DATE														
INSPECTOR'S	DATE														
FIELD	DATE														
VERIFICATION	DATE														
BY	DATE														
CONTRACTOR	DATE														
NO.	DATE														



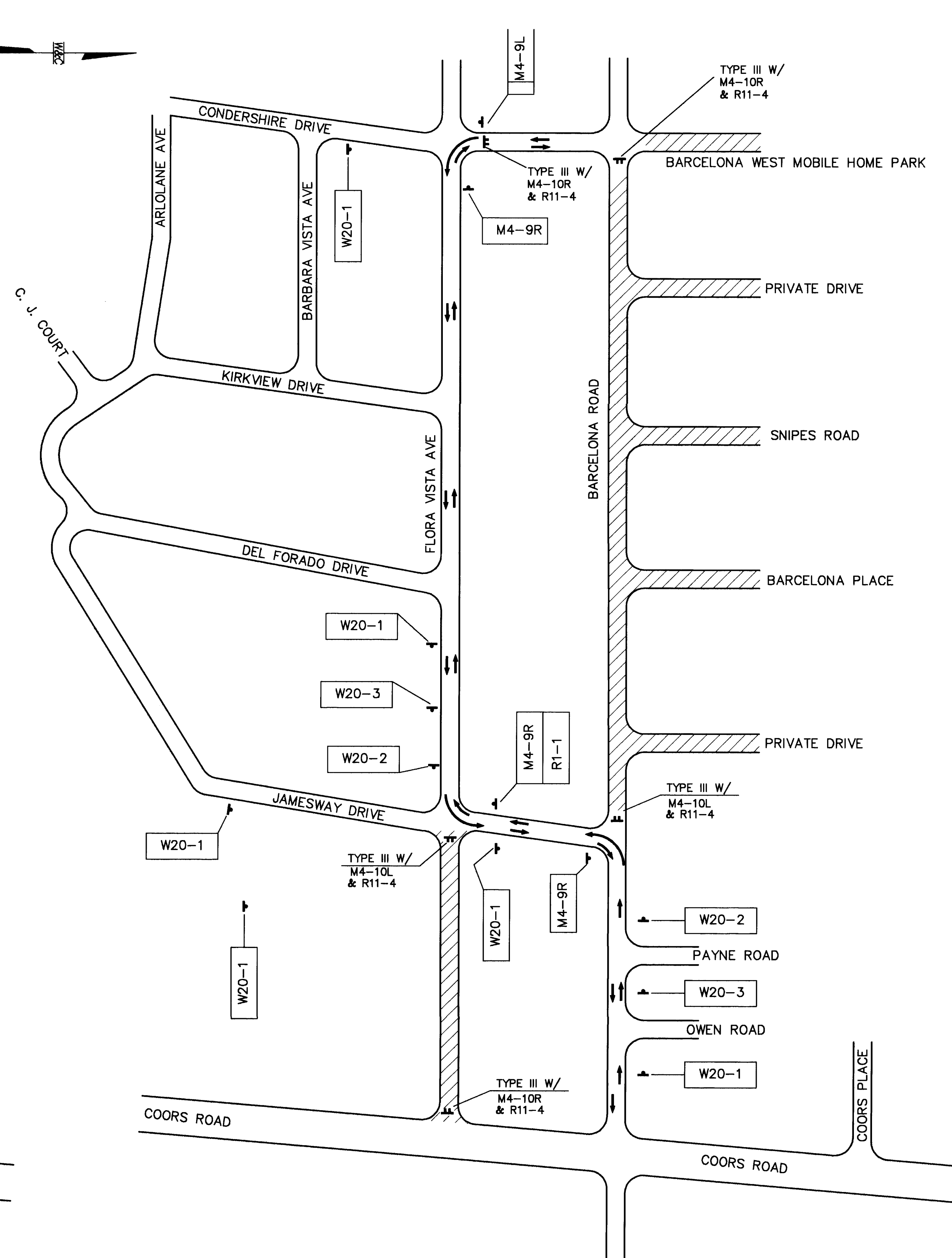
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE					
SOUTH VALLEY WATER AND SEWER SYSTEM IMPROVEMENT PROJECT					
TRAFFIC CONTROL					
TYPICAL RESIDENTIAL STREET CLOSURES					

COORS/TIC-4/10/7/9&0



TYPICAL FOR FLORA VISTA AVE AND
EAST END OF BARCELONA ROAD WITH SIDE STREETS
R1-1 BASED ON FIELD CONDITIONS

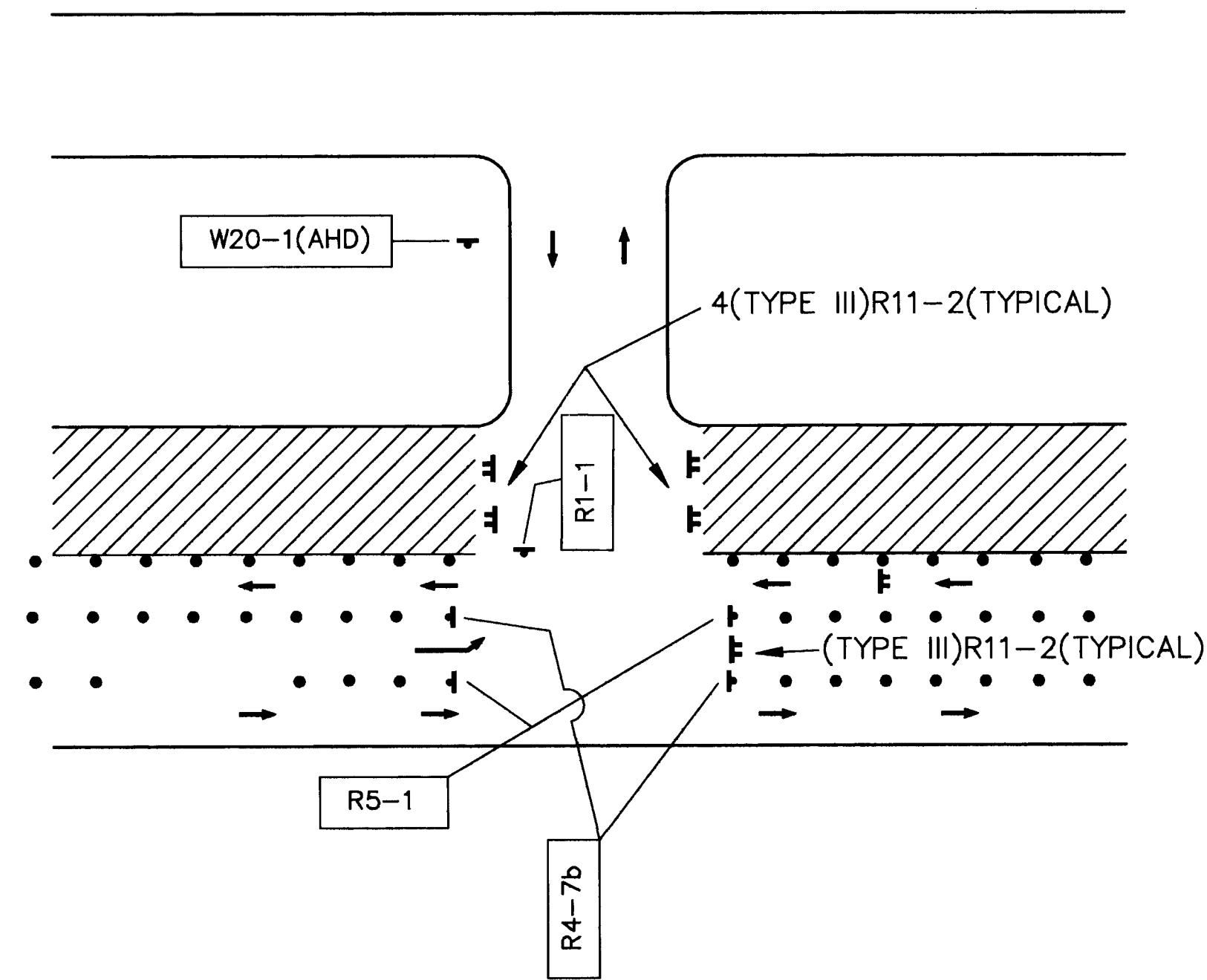


TYPICAL FOR BARCELONA ROAD AND SIDE STREETS
AND EAST END OF FLORA VISTA AVE
R1-1 BASED ON FIELD CONDITIONS

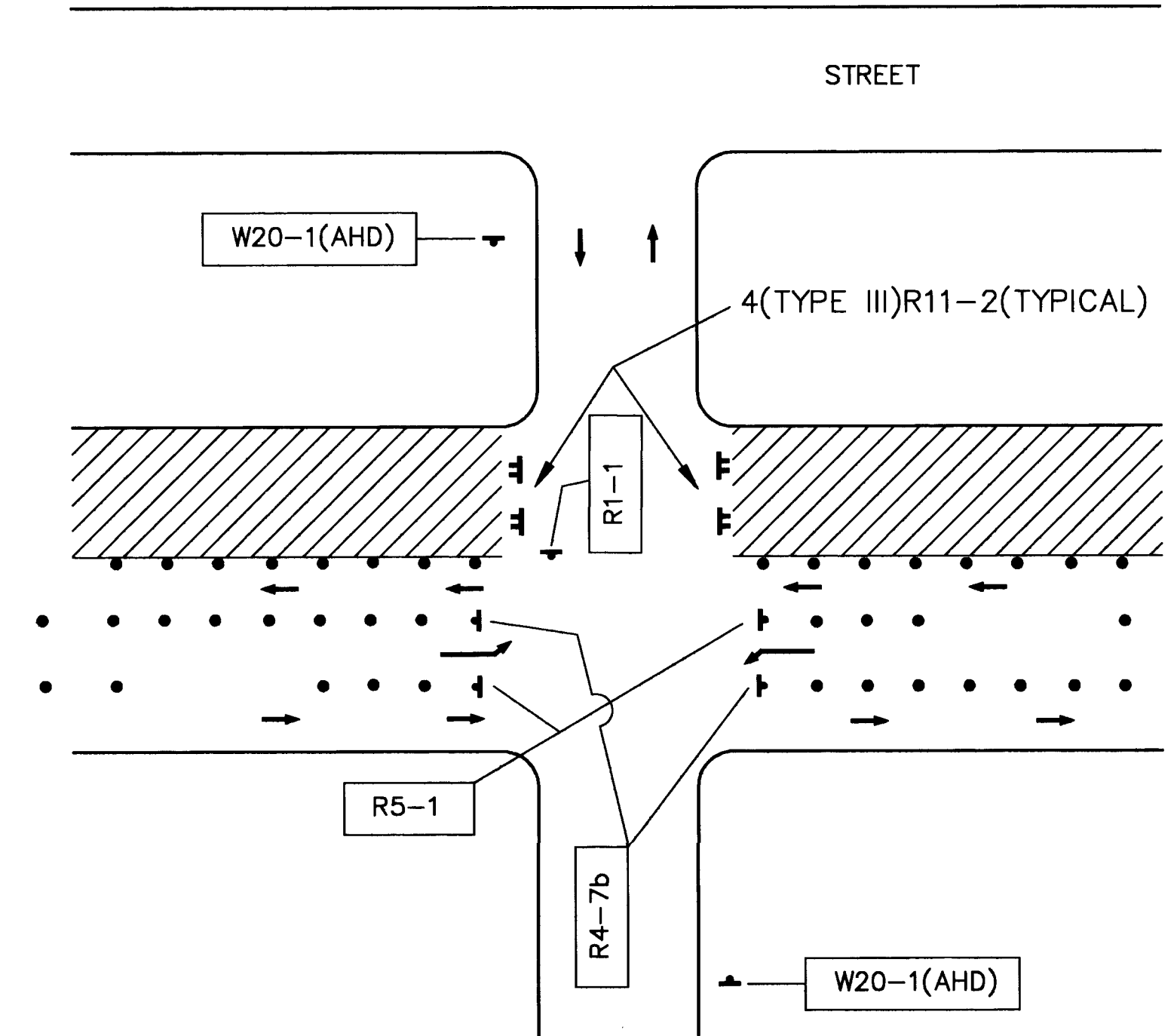
NOTES:

FOR TYPICAL TRAFFIC CONTROL
PLAN BLOCK BY BLOCK IN
RESIDENTIAL AREAS SEE SHEET
40 OF THE PLANS.

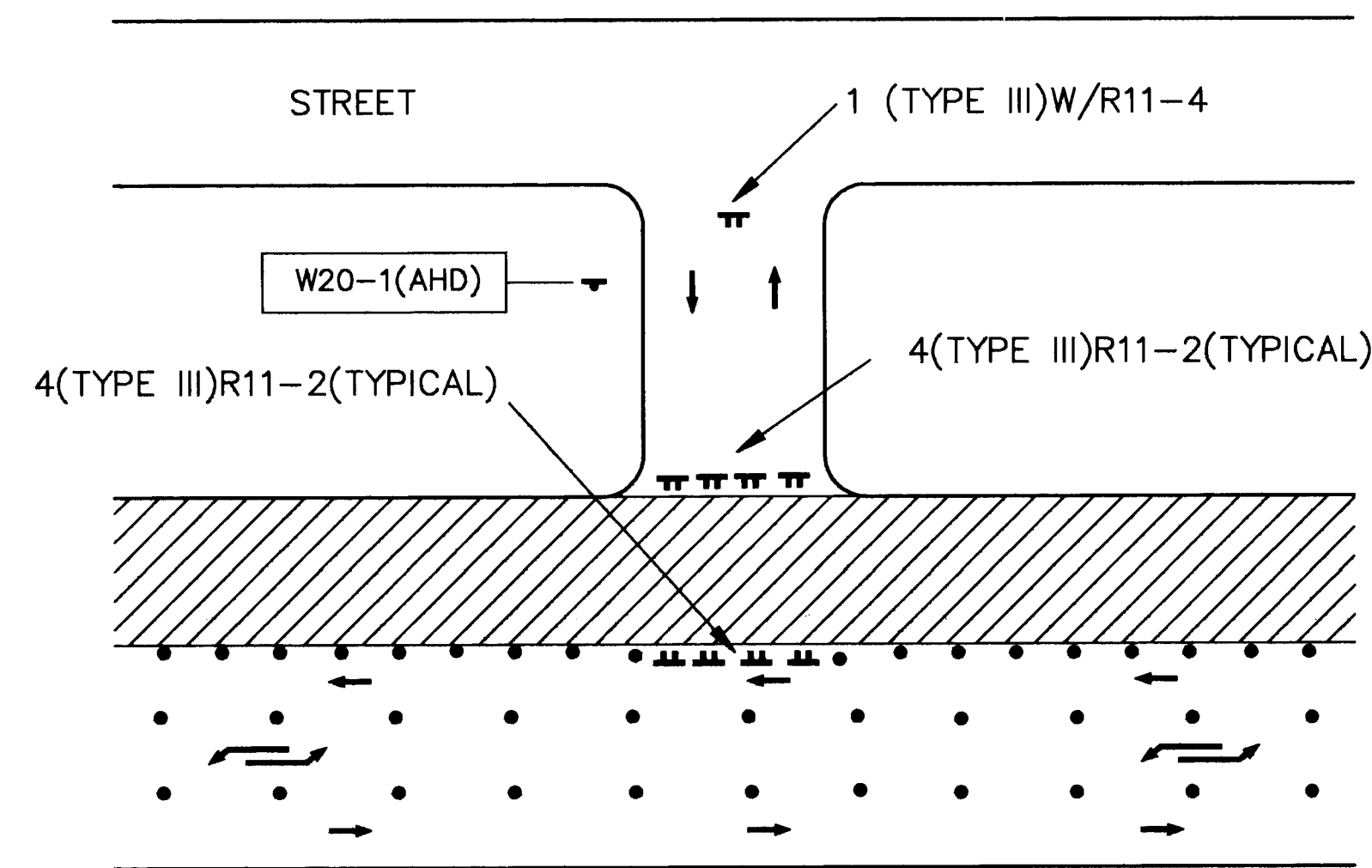
AS-BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION				ENGINEER'S SEAL			
CONTRACTOR	DATE	NO.	DATE	CONTRACTOR	DATE	NO.	DATE	NO.	DATE	NO.	DATE	ENGINEER'S SEAL	NO.	DATE	BY
NO. 1	DATE	NO. 2	DATE	NO. 3	DATE	NO. 4	DATE	NO. 5	DATE	NO. 6	DATE	ENGINEER'S SEAL	NO. 7	DATE	BY
NO. 8	DATE	NO. 9	DATE	NO. 10	DATE	NO. 11	DATE	NO. 12	DATE	NO. 13	DATE	ENGINEER'S SEAL	NO. 14	DATE	BY
NO. 15	DATE	NO. 16	DATE	NO. 17	DATE	NO. 18	DATE	NO. 19	DATE	NO. 20	DATE	ENGINEER'S SEAL	NO. 21	DATE	BY
NO. 22	DATE	NO. 23	DATE	NO. 24	DATE	NO. 25	DATE	NO. 26	DATE	NO. 27	DATE	ENGINEER'S SEAL	NO. 28	DATE	BY
NO. 29	DATE	NO. 30	DATE	NO. 31	DATE	NO. 32	DATE	NO. 33	DATE	NO. 34	DATE	ENGINEER'S SEAL	NO. 35	DATE	BY
NO. 36	DATE	NO. 37	DATE	NO. 38	DATE	NO. 39	DATE	NO. 40	DATE	NO. 41	DATE	ENGINEER'S SEAL	NO. 42	DATE	BY
NO. 43	DATE	NO. 44	DATE	NO. 45	DATE	NO. 46	DATE	NO. 47							



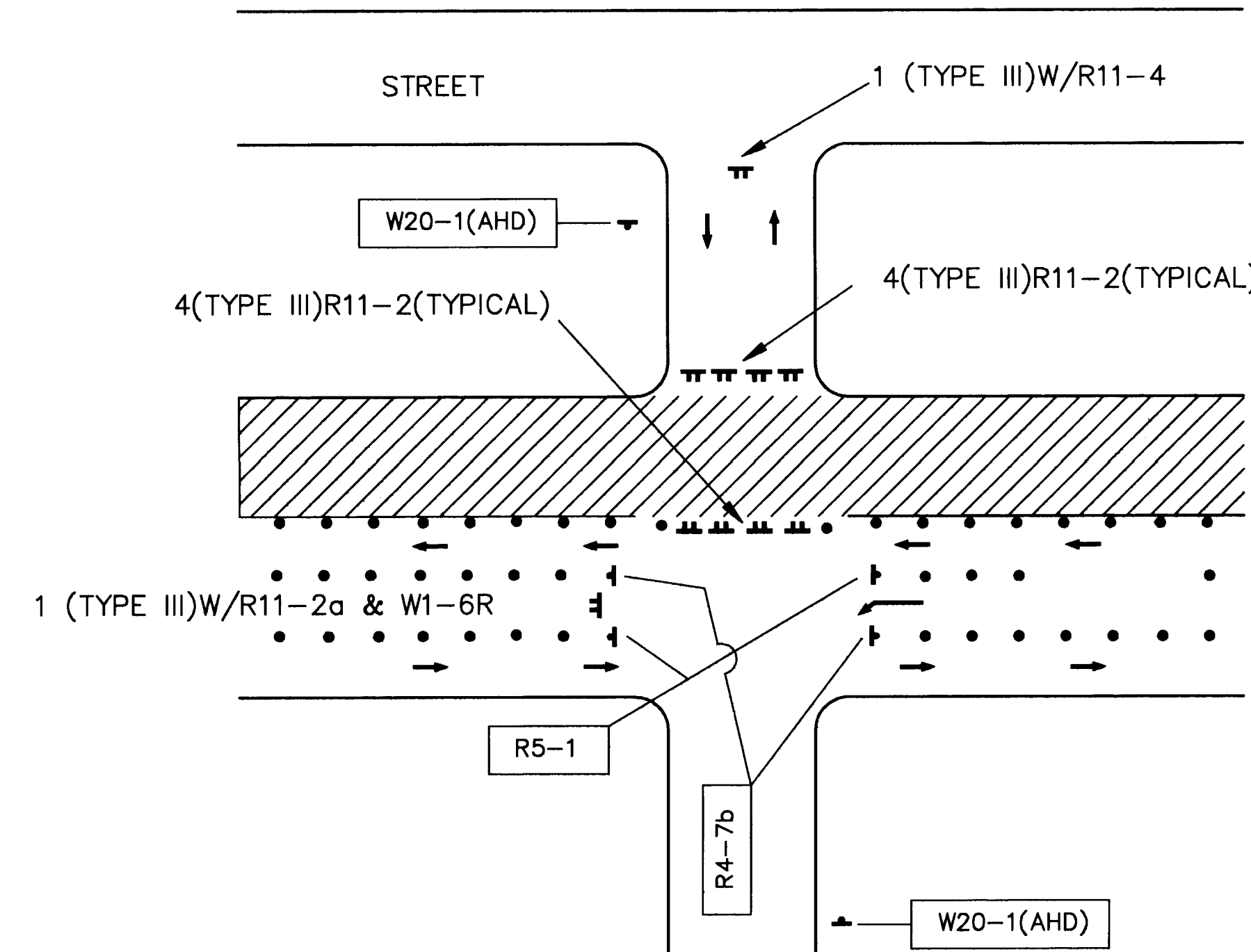
TYPICAL SIDE STREET INTERSECTION SIGNING
WHEN OPEN TO TRAFFIC



TYPICAL SIDE STREET INTERSECTION SIGNING
WHEN OPEN TO TRAFFIC



TYPICAL SIDE STREET INTERSECTION SIGNING
WHEN CLOSED TO TRAFFIC



TYPICAL SIDE STREET INTERSECTION SIGNING
WHEN CLOSED TO TRAFFIC

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS	
CONTRACTOR	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
WORK BY	DATE								
STAINED BY	DATE								
INSTRUMENTS BY	DATE								
FIELD BY	DATE								
INSTRUMENTS BY	DATE								
FIELD BY	DATE								
INSTRUMENTS BY	DATE								
FIELD BY	DATE								
INSTRUMENTS BY	DATE								
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