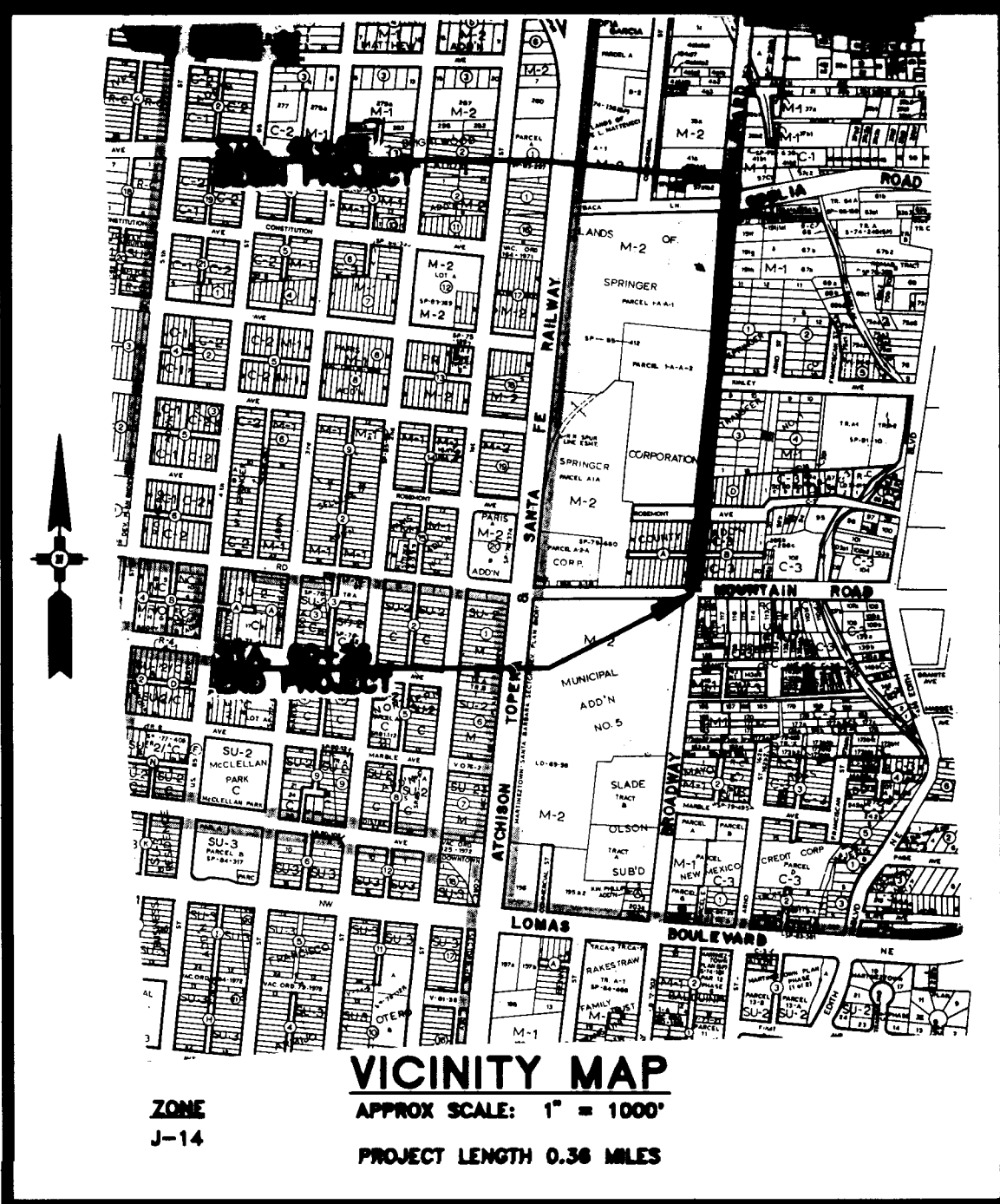


CITY OF ALBUQUERQUE
NEW MEXICO

PUBLIC WORKS DEPARTMENT / HYDROLOGY DIVISION



BROADWAY STORM DRAIN
O DELIA ROAD TO MOUNTAIN ROAD

C.O.A. PROJECT NO. 4037 - 90

INDEX OF DRAWINGS

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5	PAVING PLAN & PROFILE - STA. 41+00 TO STA. 53+00
6	PAVING PLAN & PROFILE - STA. 53+00 TO STA. 60+26
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11	STORM INLET DETAILS
12	STORM INLET DETAILS
13	TRAFFIC CONTROL PLAN

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 4037 900192

RECORD DRAWING
Drawings revised to reflect the
best information available. Do
not use without field verification.

REV	SHEETS	CITY ENGINEER	DATE	USER DEPT	DATE	USER DEPT	DATE
APPROVAL OF REVISIONS							
				GANNETT FLEMING WEST, INC. ENGINEERS AND PLANNERS 4501 INDIAN SCHOOL ROAD N.E., SUITE 101 ALBUQUERQUE, NEW MEXICO 87110 TELEPHONE: (505)285-8488		APPROVED FOR CONSTRUCTION <i>Michael W.M. Maloney</i> 6/18/91	
PROJECT NUMBER 4037 - 90				SHEET 1 OF 18			

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
Andres H. Lason
DATE 7/21/92

SCANNED BY
RY LASON

GENERAL NOTES

- THE SPECIFICATIONS USED FOR THIS PROJECT ARE THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION "1986".
- DISPOSAL OF ALL WASTE MATERIALS SHALL BE IN CITY APPROVED WASTE AREAS SECURED BY AND AT THE EXPENSE OF THE CONTRACTOR. (RE: C.O.A. SPEC. SEC. 201 & 202)
- THE CONTRACTOR SHALL INFORM THE CITY ONE WEEK IN ADVANCE OF ALL LANE CHANGES, LANE CLOSURES, DETOURS, AND OTHER CONSTRUCTION ACTIVITIES WHICH AFFECT NORMAL TRAFFIC FLOW. (RE: C.O.A. SPEC. SEC. 19)
- THE FIRE DEPARTMENT SHALL BE NOTIFIED 48 HOURS IN ADVANCE BY THE CONTRACTOR WHENEVER A FIRE HYDRANT IS TO BE REMOVED OR IS TO BE OUT OF SERVICE. (RE: C.O.A. SPEC. SEC. 18 AND 19)
- THE AIR POLLUTION CONTROL REGULATIONS OF THE ALBUQUERQUE-BERNALILLO COUNTY AIR QUALITY CONTROL BOARD LIMIT EMISSION OF PARTICULATE MATTER AND THE USE OF CUT-BACK ASPHALT. (RE: C.O.A. SPEC. SEC. 6.7)
- FIFTY (50) TON ROLLER OPERATION SHALL NOT BE USED IN THIS PROJECT. THE REQUIRED COMPACTION SHALL BE EFFECTED BY OTHER TYPE OF ROLLING EQUIPMENT. (RE: SPEC. SEC. 18)
- ALL EXCAVATION FOR THE STORM DRAINS, AND OTHER EXCAVATIONS, SHALL BE GOVERNED BY FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH. (RE: C.O.A. SPEC. SEC. 701)
- ALL SIGNS AND CODING WILL BE IN ACCORDANCE WITH THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" CURRENT EDITION, PUBLISHED BY THE U.S. DEPARTMENT OF TRANSPORTATION. (RE: C.O.A. SPEC. SEC. 19)
- THE CONTRACTOR IS TO EXERCISE CARE WHEN REMOVING EXISTING PAVEMENT TO AVOID DISTURBING ANY EXISTING UNDERGROUND UTILITIES. IT SHALL BE HIS RESPONSIBILITY TO COORDINATE WITH THE UTILITY COMPANIES IN ORDER TO PREVENT ANY SERVICE DISRUPTION. ANY BROKEN WATER OR SEWER SERVICES RESULTING FROM CONTRACTOR'S CONSTRUCTION EFFORTS WILL BE REPAIRED BY THE CONTRACTOR AND NO SEPARATE MEASUREMENT NOR PAYMENT WILL BE MADE, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF THE PROJECT. (RE: C.O.A. SPEC. SEC. 18)
- CURB AND GUTTER, SIDEWALKS AND DRIVEPADS SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT, WHICH ARE DAMAGED OR DISPLACED BY THE CONTRACTOR, SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT HIS EXPENSE. (RE: SPEC. SEC. 18)
- WHEN ABUTTING NEW PAVEMENT TO EXISTING PAVEMENT, SAW CUT EXISTING PAVEMENT TO A STRAIGHT LINE AND AT RIGHT ANGLES TO REMOVE ANY BROKEN OR CRACKED PAVEMENT. NO DIRECT PAYMENT WILL BE MADE FOR SAW CUTTING. (RE: SPEC. SEC. 701)
- ALL GAS VALVE BOXES, GAS MANHOLES, ELECTRICAL MANHOLES, TELEPHONE MANHOLES AND UTILITY POLES WILL BE ADJUSTED TO GRADE OR RELOCATED BY OTHERS. (RE: SPEC. SEC. 18)
- WHEN REMOVAL OF EXISTING CURB AND GUTTER OR SIDEWALK IS REQUIRED, REMOVE BACK TO NEAREST SUITABLE JOINT UNLESS OTHERWISE NOTED. (RE: C.O.A. SPEC. SEC. 343)
- THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES BY CALLING 260-1990 FORTY-EIGHT (48) HOURS BEFORE COMMENCING WORK IN AREAS NEAR UNDERGROUND UTILITY LINES. (RE: C.O.A. SPEC. SEC. 18)
- THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED BY HIM TO EXISTING VALVE BOXES, SIDEWALKS, TRAFFIC SIGNAL DEVICES OR APPURTENANCES, MANHOLES AND CURB AND GUTTER DURING CONSTRUCTION AND SHALL REPAIR OR REPLACE SAME AT HIS OWN EXPENSE. THE CONTRACTOR SHALL PROTECT THE CURB AND GUTTER FROM INCIDENTAL SPLASHING DURING TRACK COAT APPLICATION AND CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING THE SAME AT HIS OWN EXPENSE IN THE EVENT OF SPLASHING. (RE: C.O.A. SPEC. SEC. 18)
- THE CONTRACTOR SHALL MAKE ALL WATER VALVES AND MANHOLES ACCESSIBLE TO THE CITY DURING CONSTRUCTION. (RE: C.O.A. SPEC. SEC. 18)
- THE USE OF ADJUSTING RINGS WITHIN THE MANHOLE FRAMES TO ADJUST MANHOLE COVERS WILL NOT BE PERMITTED. (RE: C.O.A. SPEC. SEC. 920)
- CAUTION** - ALL EXISTING UTILITIES SHOWN REFLECT THE BEST INFORMATION AVAILABLE AND ARE APPROXIMATE ONLY. EXACT DEPTH AND LOCATION OF UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION IN THE IMMEDIATE AREA. (RE: SPEC. SEC. 18)
- ALL MANHOLE FRAMES AND COVERS AND WATER VALVE FRAMES AND LIDS SHALL BE ADJUSTED WITH CONCRETE COLLARS IN ACCORDANCE WITH THE STANDARD DETAILS AND ALL MANHOLE FRAMES AND COVERS AND WATER VALVE FRAMES AND LIDS WITHIN PROJECT LIMITS SHALL NOT BE ADJUSTED UNTIL AFTER THE FINAL TWO (2) INCH LIFT OF SURFACE COURSE HAS BEEN PLACED AND COMPACTED TO INSURE PROPER FINISHED GRADE. (RE: SPEC. SEC. 920)
- ALL SUBGRADE MATERIAL ENCOUNTERED IN PAVEMENT REMOVAL AND REPLACEMENT AND DETERMINED BY THE ENGINEER TO MEET MOISTURE CONTENT AND PERCENT COMPACTION, AS REQUIRED BY THE SPECIFICATIONS, CAN BE LEFT IN PLACE. (RE: C.O.A. SPEC. SEC. 301)
- SUBGRADE PREPARATION UNDER SIDEWALKS AND DRIVEPADS, AND SUBGRADE PREPARATION AND BASE COURSE INSTALLATION UNDER "STANDARD CURB AND GUTTER" SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF SUCH AND NO DIRECT PAYMENT SHALL BE MADE FOR THOSE ITEMS OF WORK. (RE: C.O.A. SPEC. SEC. 301, 302 AND 303)
- QUANTITIES SHOWN HEREIN, FOR THE VARIOUS BID ITEMS, ARE FOR THE CONTRACTOR'S INFORMATION ONLY. PAYMENT SHALL BE BASED ON ACTUAL QUANTITIES AS CONSTRUCTED. (RE: C.O.A. SPEC. SEC. 11)
- WATER SHUT-OFF PLANS ARE FOR CITY USE ONLY. WATER DISTRIBUTION SYSTEM SHUT-OFFS AND TURN-ONS SHALL BE AS PER SECTION 18.3 OF THE GENERAL CONDITIONS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF THE WATER SHUT-OFF PLANS WITH WATER SYSTEMS DIVISION THREE WORKING DAYS IN ADVANCE OF SHUT-OFF BY WATER SYSTEMS DIVISION. TELEPHONE NO. 857-8200
- THE CONTRACTOR SHALL SUPPORT ALL EXPOSED UTILITIES WHICH ARE IN SERVICE DURING HIS CONSTRUCTION ACTIVITIES. (RE: C.O.A. SPEC. SEC. 18)

- THE CONTRACTOR SHALL COORDINATE WITH P.N.M. (JIM VANN - 848-3426) WHERE LIP OF TRENCH IS LESS THAN 5' TO POWER POLE. COSTS ASSOCIATED WITH SUPPORT OF EXISTING POLES SHALL BE INCIDENTAL TO THE PROJECT.
- CONTRACTOR SHALL BE CHARGED BY P.N.M. FOR ANY DAMAGE TO P.N.M. CABLES AND FOR SUPPORTING OR MINOR RELOCATIONS OF CABLES DURING CONSTRUCTION. THESE COSTS SHALL BE INCIDENTAL TO THE PROJECT.
- ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING. FINAL SURFACE COURSE SHALL BE INSTALLED AFTER FULL APPROVAL AND ACCEPTANCE OF THE UTILITY LINES.
- PAYMENT FOR STEEL REINFORCEMENT IN THE JUNCTION BOX AT STATION 60+00 SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION AND NO DIRECT PAYMENT SHALL BE MADE FOR THIS ITEM. (RE: C.O.A. SPEC. SEC. 510)
- EXISTING WATER LINES THAT ARE REPLACED SHALL BE REMOVED.
- WATER SERVICE LINES SHALL BE REPLACED, TRANSFERRED, RELOCATED AND REHABILITATED AS PER SECTION 802 OF THE TECHNICAL SPECIFICATION AND THE PLANS.
 - REPLACE AND TRANSFER ANY 3/4" THROUGH 2" EXISTING OBSOLETE WATER SERVICE, GALVANIZED OR LEAD, THAT IS CONNECTED TO AN EXISTING WATERLINE TO BE REPLACED BY THE CONTRACTOR, AND CONNECT (TAP-IN) THE NEW SERVICE LINE TO THE NEW WATERLINE. ALSO REPLACE AND TRANSFER ANY SERVICE LINE, REGARDLESS OF MATERIAL AND CONDITION, THAT MUST BE LENGTHENED DUE TO NEW ALIGNMENT OF A REPLACEMENT MAIN LINE. (RE: C.O.A. SPEC. SEC. 802.4.4)
 - TRANSFER ANY EXISTING SERVICE LINE TO THE REPLACEMENT MAIN LINE. THIS SHALL BE DONE ONLY IF THE SERVICE LINE IS COPPER OR PLASTIC TUBING MATERIAL THAT IS IN GOOD CONDITION AND THE SERVICE LINE IS SHORTENED. WHERE THE NEW LOCATION OF THE REPLACEMENT MAIN LINE REQUIRES A LONGER SERVICE LINE, THE SERVICE LINE SHALL BE REPLACED AND TRANSFERRED AS NOTED ABOVE. (RE: C.O.A. SPEC. SEC. 802.4.4)

BROADWAY BLVD. STREET ADDRESS	WATER SERVICE REPLACEMENT			SANITARY SEWER SERVICE ITEMIZATION		
	SERVICE SIZE	FIRELINE SIZE	REMARKS	SIZE	REPLACE	REMARKS
1212	3/4"		①	4"		③
1213	3/4"		②	4"	X	③
1215	3/4"		②	4"	X	③
1216	3/4"		②	4"		
1218	3/4"		②	4"	X	③
1223	3/4"		②	4"		
1301	3/4"	6"	②④	4"		
1301B	3/4"		②	6"	X	③
1303	3/4"		②	4"	X	③
1320	1 1/2"		②	6"		
1320B	3/4"		②	4"		
1340	1 1/2"		②	6"		
1400	3/4"		②	6"		
1401	2"		②	6"		
1401	4"		②	6"		
1401	4"		②	6"		
1412	1" 1/2"		②	6"		
1500	1 1/2"		②④	6"		
1518	3/4"		②	4"		
1518A	3/4"		②	4"		
1518C	3/4"		②	4"		
1522	3/4"		②	4"		

- SERVICE TO BE REPLACED (SAME SIZE AS EXIST. SERVICE) FROM NEW WATER MAIN TO EXIST. WATER METER.
- SERVICE TO BE TRANSFERRED FROM EXISTING WATER MAIN TO NEW WATER MAIN.
- SERVICE TO BE REPLACED (SAME SIZE AS EXIST. SERVICE) FROM EXIST. SANITARY LINE TO BACK OF EXISTING CURB & GUTTER.
- FIRE LINE TO BE REPLACED FROM NEW WATER MAIN TO BACK OF CURB AND GUTTER. ALL REPLACEMENT FIRE LINES SHALL BE 6-INCH AND SHALL BE TRANSITIONED TO MATCH SIZE OF EXISTING (IF SMALLER THAN 6-INCH) BEHIND BACK OF CURB AND GUTTER.

QUANTITIES

CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT

BROADWAY STATIONING STANDARD CURB & GUTTER (LF)

STAS. 41+69 TO 41+70 LT.	12
STAS. 44+28 TO 44+45 LT.	17
STAS. 44+78 TO 44+90 RT.	12
STAS. 45+71 TO 45+95 RT.	24
STAS. 45+71 TO 45+95 LT.	24
STAS. 49+63.5 TO 49+81 RT.	17.5
STAS. 51+49 TO 51+61 RT.	12
STAS. 52+69.5 TO 53+02.5 RT.	33
STAS. 55+38.5 TO 55+52.5 RT.	29.5
FOR WATER SERVICES, FIRE LINES & SANITARY SERVICES.	66

TOTAL 247
USE 250

REMOVAL AND REPLACEMENT OF EXISTING 4" CONC. SIDEWALK

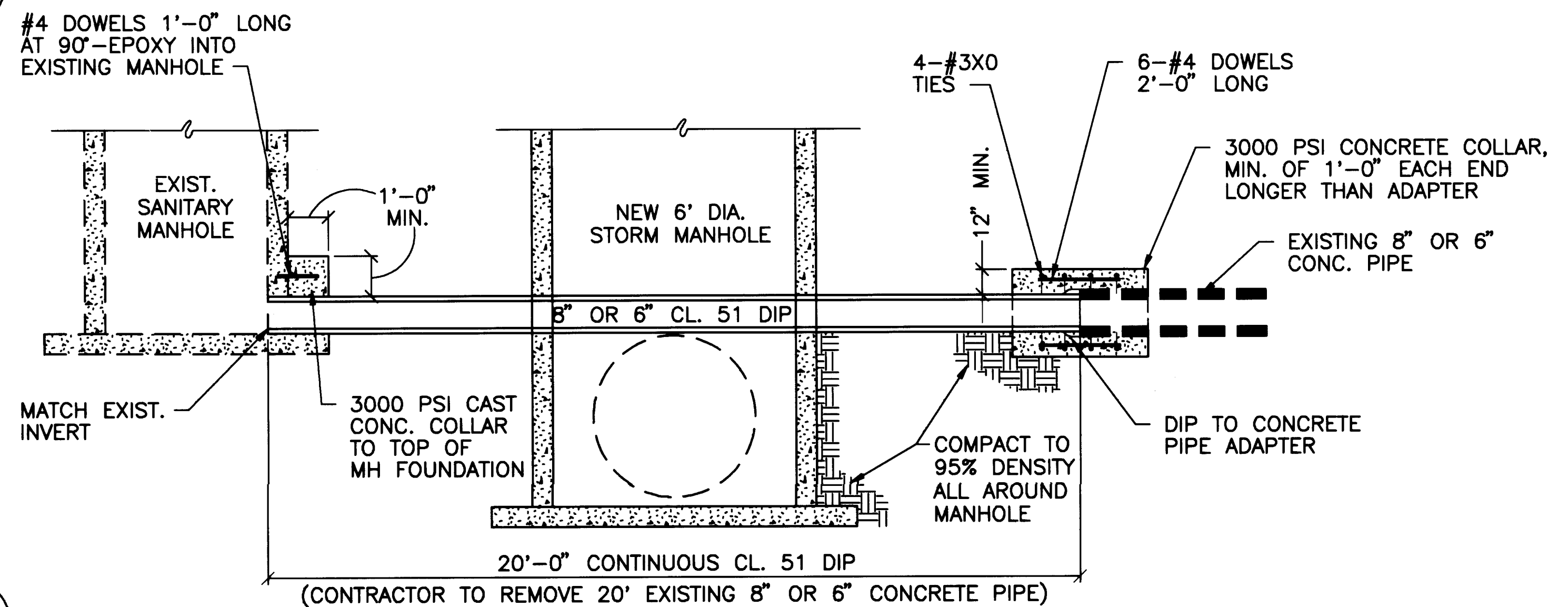
BROADWAY STATIONING	LENGTH X WIDTH	SF
STAS. 44+28 TO 44+45 LT.	17.0 X 6	77.0
STAS. 44+78 TO 44+90 RT.	12.0 X 6	72.0
STAS. 45+53 TO 46+12 LT.	59.0 X 6	354.0
STAS. 45+53 TO 46+12 RT.	59.0 X 6	354.0
STAS. 49+46 TO 49+81 RT.	35.0 X 6	210.0
STAS. 50+23.5 TO 50+41 RT.	17.5 X 6	105.0
STAS. 51+49 TO 51+61 RT.	12.0 X 6	72.0
STAS. 52+52 TO 53+20 RT.	68.0 X 6	408.0
STAS. 52+68 TO 52+85.5 LT.	17.5 X 6	105.0
STAS. 55+23 TO 55+38.5 RT.	15.5 X 6	93.0
STAS. 55+54 TO 55+55 RT.	13.5 X 6	81.0
STAS. 56+01 TO 56+16 RT.	15.0 X 6	90.0
STAS. 57+21.5 TO 57+39 LT.	17.5 X 6	105.0
FOR WATER SERVICES & FIRE LINES.	7 @ 6 X 6	252.0
TOTAL		2378.0
USE		2400.0

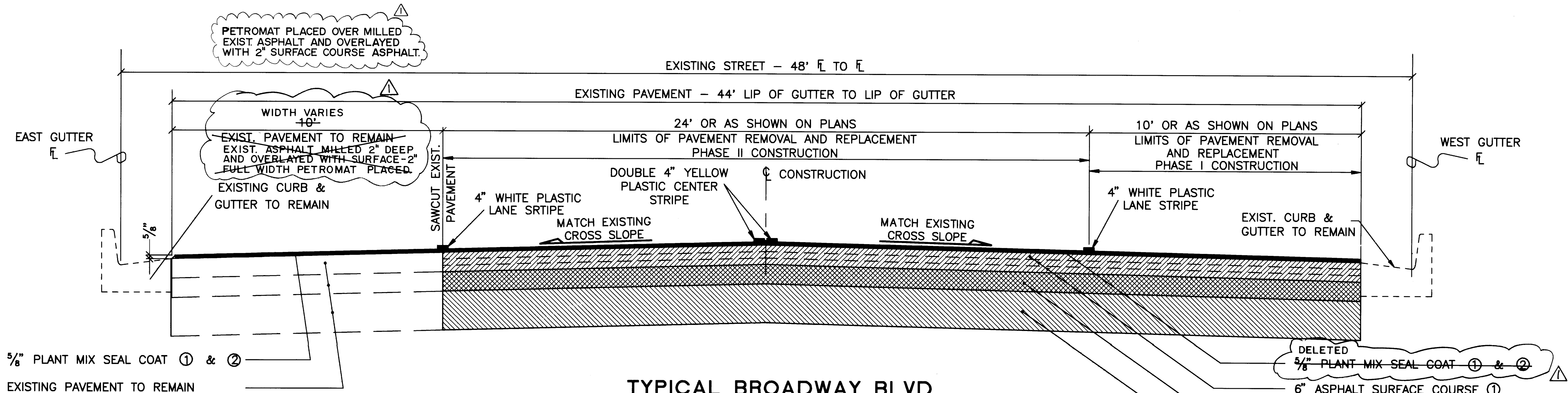
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RECORD DRAWING
Drawings revised to reflect the
best information available. Do
not use without field verification.

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP / HYDROLOGY DIVISION					
TITLE: BROADWAY STORM DRAIN GENERAL NOTES AND QUANTITIES					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>Roy Wilson</i>	6/18/91	WATER	<i>R.W. Kane</i>	6-12-91
TRANSPORTATION	<i>Steve Baker</i>	6/20/91	WASTE WATER	<i>R.W. Kane</i>	6-12-91
HYDROLOGY	<i>Steve Baker</i>	5/20/91			
PROJECT NO. 4037 - 90		MAP NO. J-14		SHEET OF 2 18	

SCANNED BY
BY LASON





TYPICAL BROADWAY BLVD.
PAVEMENT REPLACEMENT SECTION

- ① TACK COAT REQUIREMENTS AND APPLICATION RATES SHALL BE DETERMINED BY THE ENGINEER.
- ② PLANT MIX SEAL COAT SHALL BE PLACED PER LIMITS SHOWN ON THE PAVING PLANS, AFTER ALL UTILITIES AND PAVEMENT HAVE BEEN ACCEPTED BY THE CITY.

- DELETED
5/8" PLANT MIX SEAL COAT ① & ②
- 6" ASPHALT SURFACE COURSE ①
1800 LBS. STABILITY (3-2" LIFTS)
- 6" UNTREATED BASE COURSE
95% COMPACTION
- 12" COMPACTED SUBGRADE
95% COMPACTION

BROADWAY BOULEVARD CONSTRUCTION PHASING

PHASE	DESCRIPTION OF WORK
IA	BUILD NEW 12-INCH WATER MAIN, BRANCH CONNECTIONS, FIRE HYDRANT INSTALLATIONS, WATER SERVICES, ETC. TO PROVIDE A COMPLETE OPERATIONAL WATER SYSTEM PER PROJECT PLANS.
IB	REMOVE OLD WATER MAIN AND APPURTENANCES PER PROJECT PLANS.
IC	REPLACE PAVEMENT PER "PHASE I PAVEMENT REMOVAL AND REPLACEMENT LIMITS" TO INCLUDE FINAL SURFACE COURSE. PLANT MIX SEAL COAT SHALL NOT BE PLACED IN THIS AREA UNTIL PHASE III.
IIA	CONSTRUCT NEW 48-INCH STORM DRAIN, MANHOLES, JUNCTION BOX, STORM INLETS, CONNECTOR PIPES, CROSS CONNECT PIPES, SANITARY SEWER SERVICES, CURB AND GUTTER, ETC. PER PROJECT PLANS.
IIB	REPLACE PAVEMENT PER "PHASE II PAVEMENT REMOVAL AND REPLACEMENT LIMITS" TO INCLUDE FINAL SURFACE COURSE.
III	PLACE PLANT MIX SEAL COAT PER LIMITS SHOWN ON PROJECT PLANS. PLACE PAVEMENT STRIPING PER PROJECT PLANS.

NOTE: THROUGHOUT ENTIRE CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF ONE 11-FOOT WIDE DRIVING LANE FOR NORTHBOUND TRAFFIC AND ONE 11-FOOT WIDE DRIVING LANE FOR SOUTHBOUND TRAFFIC TO INCLUDE VEHICULAR ACCESS TO ALL PROPERTIES WITHIN THE CONSTRUCTION AREA.

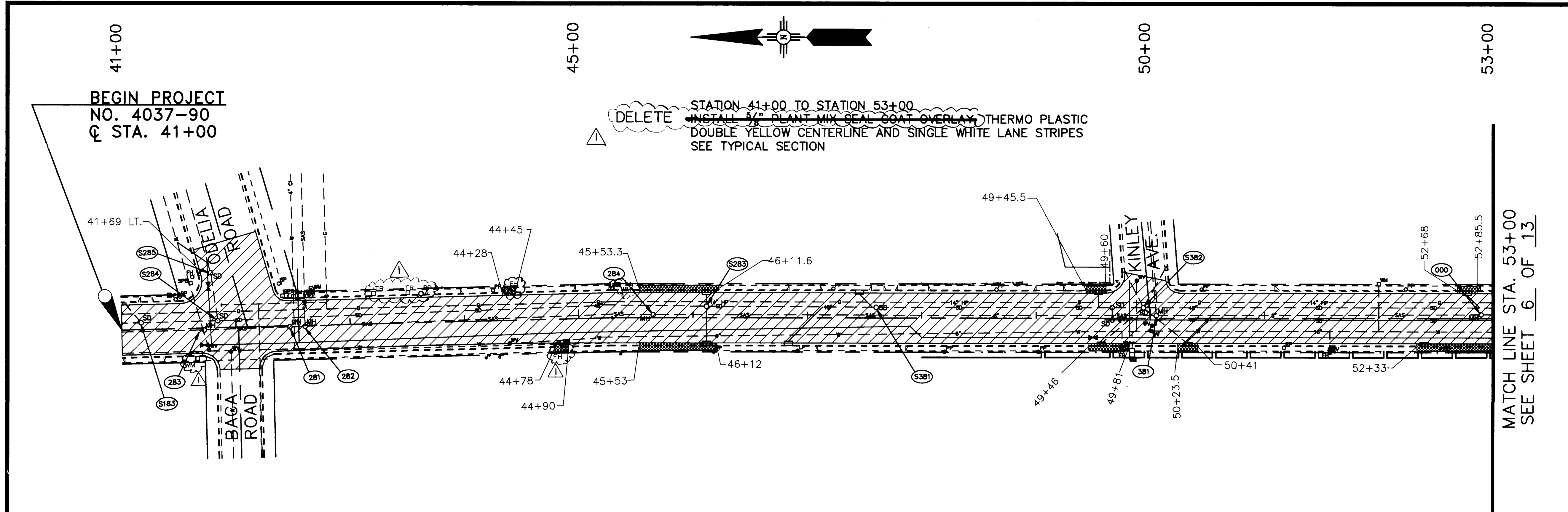
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SCANNED BY
BY LASON

RECORD DRAWING
Drawings revised to reflect the
best information available. Do
not use without field verification.

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP/HYDROLOGY DIVISION					
TITLE: BROADWAY STORM DRAIN MISCELLANEOUS DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	Roger H. H...	6/18/91	WATER	R. W. Kane	6-12-91
TRANSPORTATION	...	6-10-91	WASTE WATER	R. W. Kane	6-12-91
HYDROLOGY	Steve B...	5/30/91			
PROJECT NO. 4037 - 90		MAP NO. J-14		SHEET OF 18	

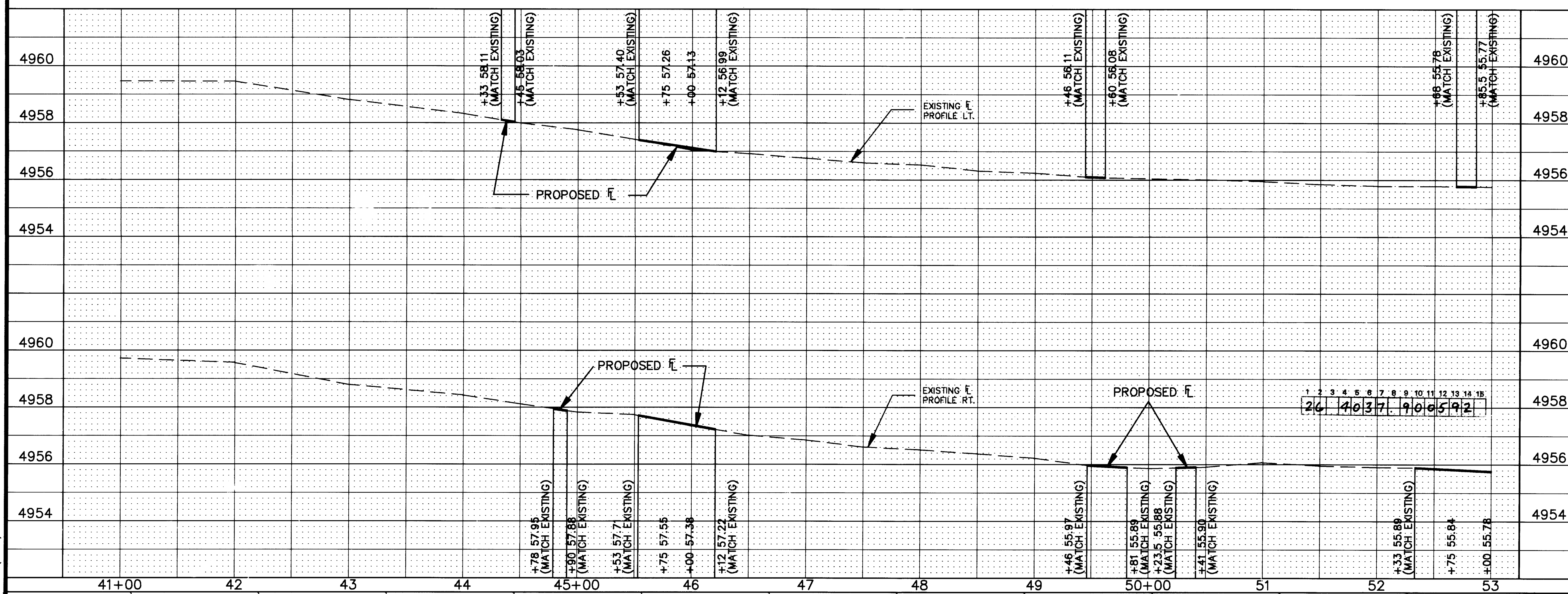
05-26-91
BROADS.DWG (1"=50')



BROADWAY AVENUE

PLAN
SCALE: 1"=50'
PROFILE
SCALE: 1"=50' Horiz.
1"=2' Vert.

NOTE:
5/8" PLANT MIX SEAL COAT
SHALL BE PLACED TO END OF
CURB AND GUTTER RETURN
UNLESS OTHERWISE SHOWN
ON THESE PLANS.



LEGEND

- LIMITS OF NEW 5/8" PLANT MIX SEAL COAT
- CURB & GUTTER / SIDEWALK - REMOVAL AND REPLACEMENT

EXISTING C & G
EXISTING SANITARY SEWER
EXISTING WATER LINE
EXISTING GAS LINE
EXISTING STORM DRAIN
EXISTING UNDERGROUND TELEPHONE LINE
EXISTING UNDERGROUND ELECTRICAL LINE
EXISTING UNDERGROUND CABLE TV LINE
EXISTING TRAFFIC SIGNAL CONDUIT
EXISTING TELEPHONE BOX
EXISTING STORM DRAIN MANHOLE
EXISTING SANITARY SEWER MANHOLE
EXISTING WATER VALVE
EXISTING WATER METER
EXISTING GAS VALVE
EXISTING GAS METER
EXISTING FIRE HYDRANT
POWER POLE
PEDESTAL SIGNAL
PULL BOX
LIGHT POLE
EXISTING STORM INLET
EXISTING TREE/SHRUB

RECORD DRAWING
Drawings revised to reflect the best information available. Do not use without field verification.

AS BUILT INFORMATION

CONTRACTOR J.R. HALE	DATE 6/12/91
INSPECTOR BY PETE AGUILAR	C.O.A. DATE 6/12/91
INSPECTOR'S SIGNATURE BY RICK DURAN	DATE 6/12/91
VERIFICATION BY PETE AGUILAR	DATE 6/12/91
CORRECTED BY G.F.W.	DATE 6/12/91

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

CITY OF ALBUQUERQUE BENCHMARK NO. 13J14 - A CHISEL MARK "I" IN THE NE QUADRANT OF THE INTERSECTION OF ODELLA ROAD N.E. AND BROADWAY AVENUE N.E.	DATE
NO.	

SURVEY INFORMATION

FIELD NOTES	BY	DATE
NO.		

ENGINEER'S SEAL

W.M. MULLOY
REGISTERED PROFESSIONAL ENGINEER
NO. 10378
STATE OF NEW MEXICO

REVISIONS

NO.	DATE	REMARKS	BY	DATE
1	6/12/91	DESIGN	L.D.R. & S.A.M.	MAY 1991
2	6/12/91	REVISIONS	C.A.D.D./R.K.A.-A.F.V.	MAY 1991
3	6/12/91	REVISIONS	M.W.M.	MAY 1991

**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP / HYDROLOGY DIVISION**

TITLE: BROADWAY STORM DRAIN PAVING
STA. 44+00 TO STA. 53+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	R.W. Kane	6/12/91	WATER	R.W. Kane	6/12/91
TRANSPORTATION	R.W. Kane	6-10-91	WASTE WATER	R.W. Kane	6/12/91
HYDROLOGY	Steve Boley	5/30/91			

PROJECT NO. 4037 - 90

MAP NO. J-14

SHEET 5 OF 18

SCANNED BY
BY LASON

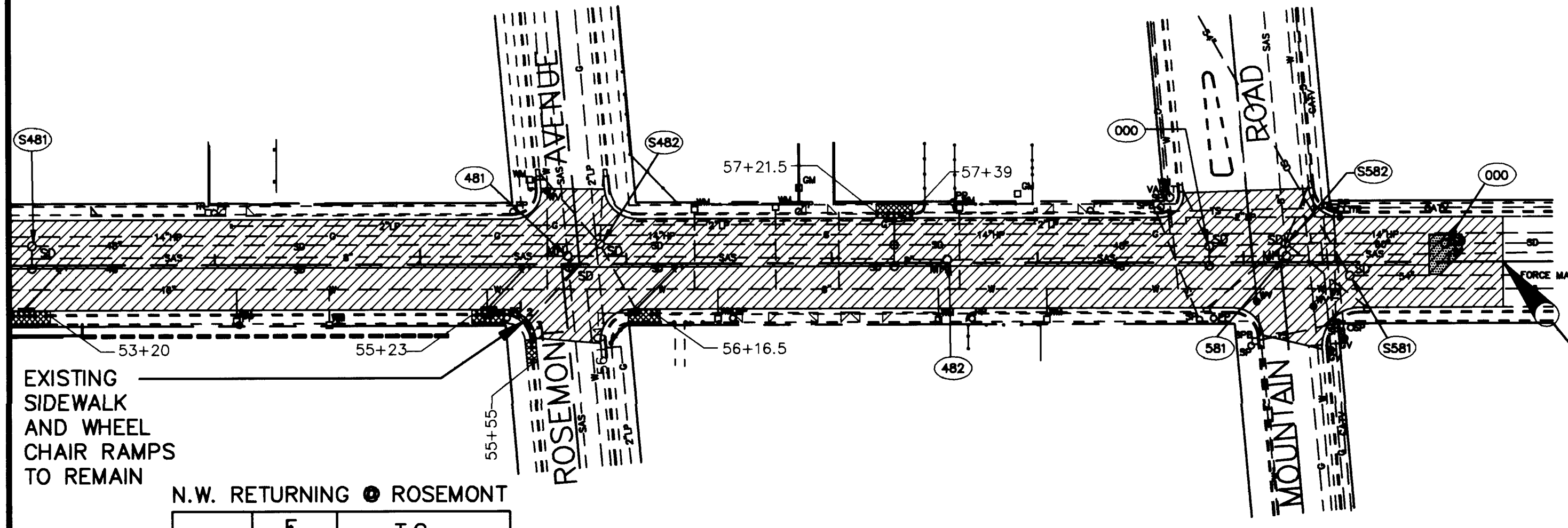
05-24-91
BROADS.DWG (1"=50')

SEE SHEET 5 OF 13
MATCH LINE STA. 53+00

55+00

60+00

STATION 53+00 TO STATION 60+26
INSTALL $\frac{5}{8}$ " PLANT MIX SEAL COAT OVERLAY, THERMO PLASTIC
DOUBLE YELLOW CENTERLINE AND SINGLE WHITE LANE STRIPES.
SEE TYPICAL SECTION



END PROJECT NO. 4037-90
@ STA. 60+26

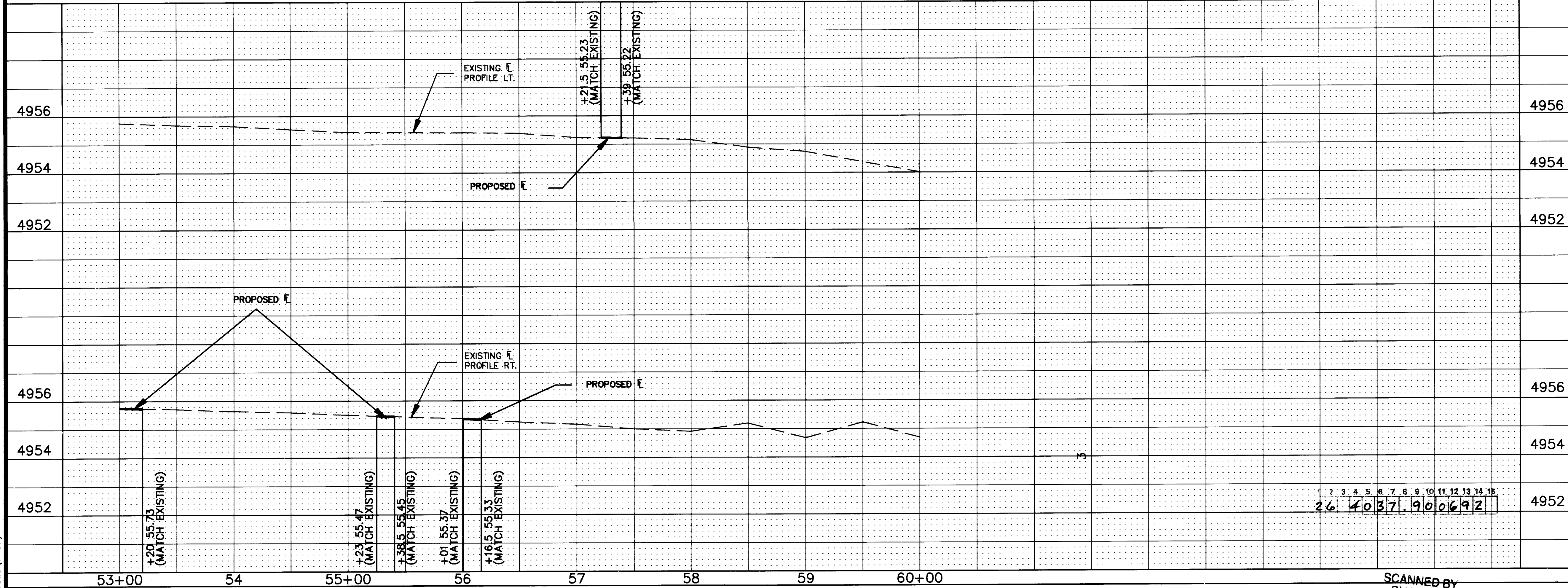
N.W. RETURNING @ ROSEMONT	
	T.C.
PCCR	55.45
1	55.52
2	55.59
3	55.53
PTCR	55.47

MATCH EXISTING

NOTE:
 $\frac{5}{8}$ " PLANT MIX SEAL COAT
SHALL BE PLACED TO END OF
CURB AND GUTTER RETURN
UNLESS SHOWN OTHERWISE
ON THESE PLANS

BROADWAY AVENUE

PLAN
SCALE: 1"=50'
PROFILE
SCALE: 1"=50' Horiz.
1"=2' Vert.



LEGEND

- LIMITS OF NEW $\frac{5}{8}$ " PLANT MIX SEAL COAT
- CURB & GUTTER / SIDEWALK - REMOVAL AND REPLACEMENT

- EXISTING C & G
- SAS EXISTING SANITARY SEWER
- W EXISTING WATER LINE
- G EXISTING GAS LINE
- SD EXISTING STORM DRAIN
- UT EXISTING UNDERGROUND TELEPHONE LINE
- UE EXISTING UNDERGROUND ELECTRICAL LINE
- CATV EXISTING UNDERGROUND CABLE TV LINE
- TC EXISTING TRAFFIC SIGNAL CONDUIT
- EXISTING TELEPHONE BOX
- SD EXISTING STORM DRAIN MANHOLE
- MH EXISTING SANITARY SEWER MANHOLE
- EXISTING WATER VALVE
- WM EXISTING WATER METER
- GV EXISTING GAS VALVE
- GM EXISTING GAS METER
- EXISTING FIRE HYDRANT
- PP POWER POLE
- SP PEDESTAL SIGNAL
- PB PULL BOX
- LIGHT POLE
- EXISTING STORM INLET
- EXISTING TREE/SHRUB

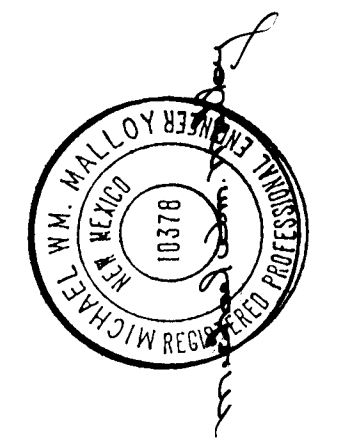
RECORD DRAWING
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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP / HYDROLOGY DIVISION					
TITLE: BROADWAY STORM DRAIN PAVING STA. 53+00 TO STA. 60+26					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	Randy Rios	6/18/91	WATER	R.W. Kane	6-12-91
TRANSPORTATION	Randy Rios	6-10-91	WASTE WATER	R.W. Kane	6-12-91
HYDROLOGY	Steve Bohay	5/20/91			
PROJECT NO. 4037 - 90		MAP NO. J-14		SHEET OF 18	

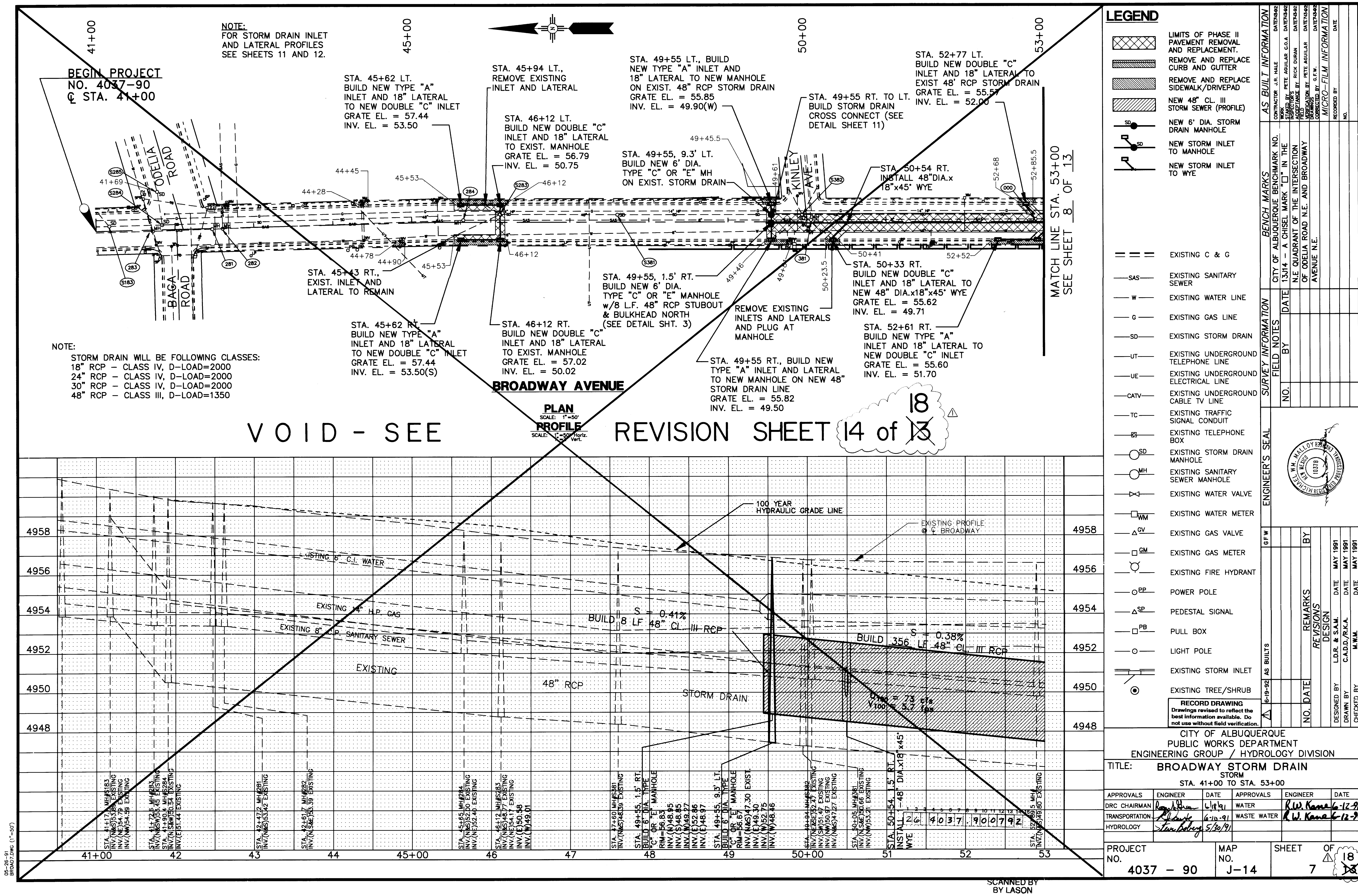
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CONTRACTOR	J.R. HALE	CITY OF ALBUQUERQUE BENCHMARK NO.	13J14 - A CHISEL MARK "C" IN THE N.E. QUADRANT OF THE INTERSECTION OF ODELLA ROAD N.E. AND BROADWAY AVENUE N.E.	FIELD NOTES	NO.	DATE	BY
WORK	PETE AGUILAR	DATE	DATE				
STATION	DATE						
FIELD	DATE						
REVISIONS	DATE						
CORRECTED BY	G.P.W.						
RECORDED BY							
NO.							

REMARKS
DESIGN
NO. DATE
L.D.R. DATE
C.A.D.D./R.K.A.-A.F.V. DATE
M.W.M. DATE

DESIGNED BY
DRAWN BY
CHECKED BY



SCANNED BY
BY LASON



NOTE:
FOR STORM DRAIN INLET
AND LATERAL PROFILES
SEE SHEETS 11 AND 12.

BEGIN PROJECT
NO. 4037-90
Q STA. 41+00

NOTE:
STORM DRAIN WILL BE FOLLOWING CLASSES:
18" RCP - CLASS IV, D-LOAD=2000
24" RCP - CLASS IV, D-LOAD=2000
30" RCP - CLASS IV, D-LOAD=2000
48" RCP - CLASS III, D-LOAD=1350

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

VOID - SEE REVISION SHEET 14 of 13

LEGEND

- EXISTING C & G
- EXISTING SANITARY SEWER
- EXISTING WATER LINE
- EXISTING GAS LINE
- EXISTING STORM DRAIN
- EXISTING UNDERGROUND TELEPHONE LINE
- EXISTING UNDERGROUND ELECTRICAL LINE
- EXISTING UNDERGROUND CABLE TV LINE
- EXISTING TRAFFIC SIGNAL CONDUIT
- EXISTING TELEPHONE BOX
- EXISTING STORM DRAIN MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING WATER VALVE
- EXISTING WATER METER
- EXISTING GAS VALVE
- EXISTING GAS METER
- EXISTING FIRE HYDRANT
- POWER POLE
- PEDESTAL SIGNAL
- PULL BOX
- LIGHT POLE
- EXISTING STORM INLET
- EXISTING TREE/SHRUB

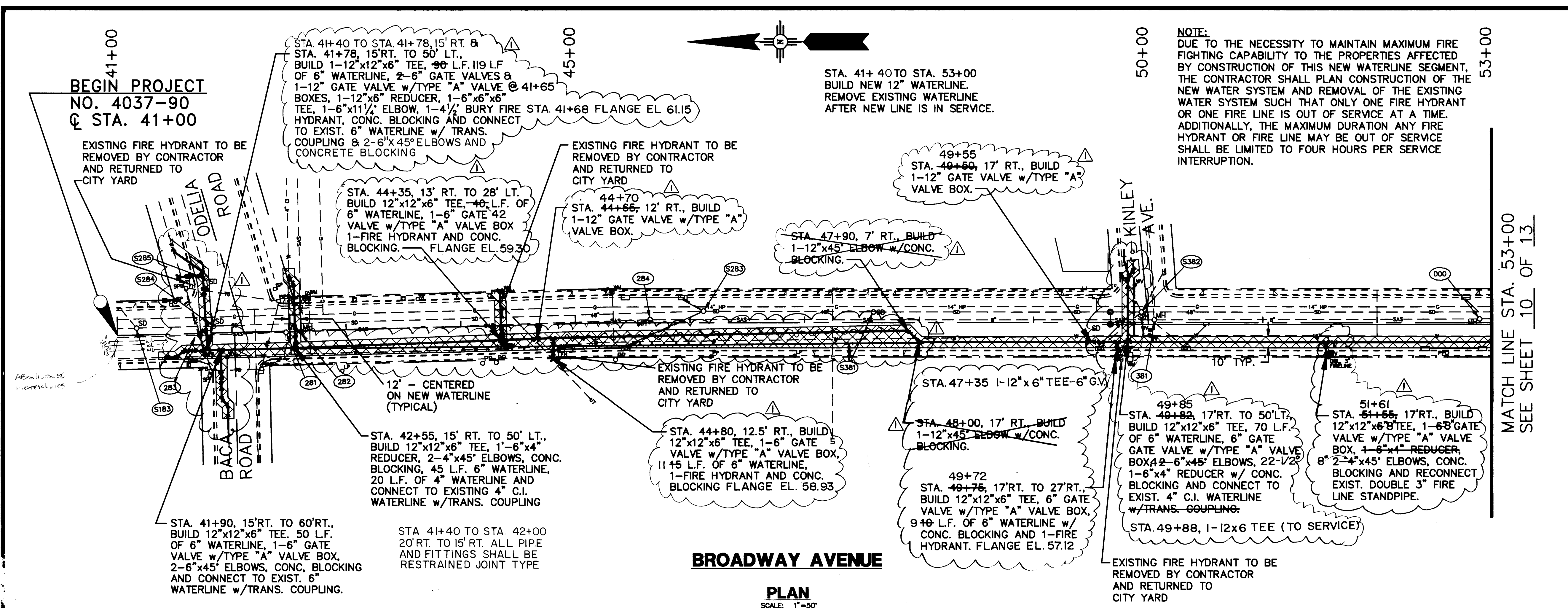
RECORD DRAWING
Drawings revised to reflect the
best information available. Do
not use without field verification.

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP / HYDROLOGY DIVISION

TITLE: BROADWAY STORM DRAIN
STA. 41+00 TO STA. 53+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	[Signature]	6/10/91	WATER	R.W. Kane	6-12-91
TRANSPORTATION	[Signature]	6-10-91	WASTE WATER	R.W. Kane	6-12-91
HYDROLOGY	[Signature]	5/30/91			

PROJECT NO. 4037 - 90 MAP NO. J-14 SHEET 7 OF 18



STA. 41+ 40 TO STA. 53+00
BUILD NEW 12" WATERLINE.
REMOVE EXISTING WATERLINE
AFTER NEW LINE IS IN SERVICE.

NOTE:
DUE TO THE NECESSITY TO MAINTAIN MAXIMUM FIRE FIGHTING CAPABILITY TO THE PROPERTIES AFFECTED BY CONSTRUCTION OF THIS NEW WATERLINE SEGMENT, THE CONTRACTOR SHALL PLAN CONSTRUCTION OF THE NEW WATER SYSTEM AND REMOVAL OF THE EXISTING WATER SYSTEM SUCH THAT ONLY ONE FIRE HYDRANT OR ONE FIRE LINE IS OUT OF SERVICE AT A TIME. ADDITIONALLY, THE MAXIMUM DURATION ANY FIRE HYDRANT OR FIRE LINE MAY BE OUT OF SERVICE SHALL BE LIMITED TO FOUR HOURS PER SERVICE INTERRUPTION.

LEGEND

LIMITS OF PHASE I PAVEMENT REMOVAL AND REPLACEMENT

NEW 12" WATERLINE (PROFILE)

NEW WATERLINE AND WATER VALVE

D.I.P. TEE

D.I.P. 45° ELBOW

D.I.P. 90° ELBOW

EXISTING C & G

EXISTING SANITARY SEWER

EXISTING WATER LINE

EXISTING GAS LINE

EXISTING STORM DRAIN

EXISTING UNDERGROUND TELEPHONE LINE

EXISTING UNDERGROUND ELECTRICAL LINE

EXISTING UNDERGROUND CABLE TV LINE

EXISTING TRAFFIC SIGNAL CONDUIT

EXISTING TELEPHONE BOX

EXISTING STORM DRAIN MANHOLE

EXISTING SANITARY SEWER MANHOLE

EXISTING WATER VALVE

EXISTING WATER METER

EXISTING GAS VALVE

EXISTING GAS METER

EXISTING FIRE HYDRANT

POWER POLE

PEDESTAL SIGNAL

PULL BOX

LIGHT POLE

EXISTING STORM INLET

EXISTING TREE/SHRUB

RECORD DRAWING
Drawings revised to reflect the best information available. Do not use without field verification.

AS BUILT INFORMATION

CITY OF ALBUQUERQUE BENCHMARK NO. 13J14 - A CHISEL MARK "I" IN THE NE QUADRANT OF THE INTERSECTION OF ODELLA ROAD N.E. AND BROADWAY AVENUE N.E.

CONTRACTOR J.R. HALE DATE 7/1992
INSPECTOR'S STAMP BY PETE AGUIAR C.O.A. DATE 7/1992
FIELD CHECK BY RICK DURAN DATE 7/1992
APPROVED BY PETE AGUIAR DATE 7/1992
CORRECTED BY G.E.W. DATE 7/1992
MICRO-FILM INFORMATION
RECORDED BY NO. DATE

ENGINEER'S SEAL

6-19-92 AS BUILT'S

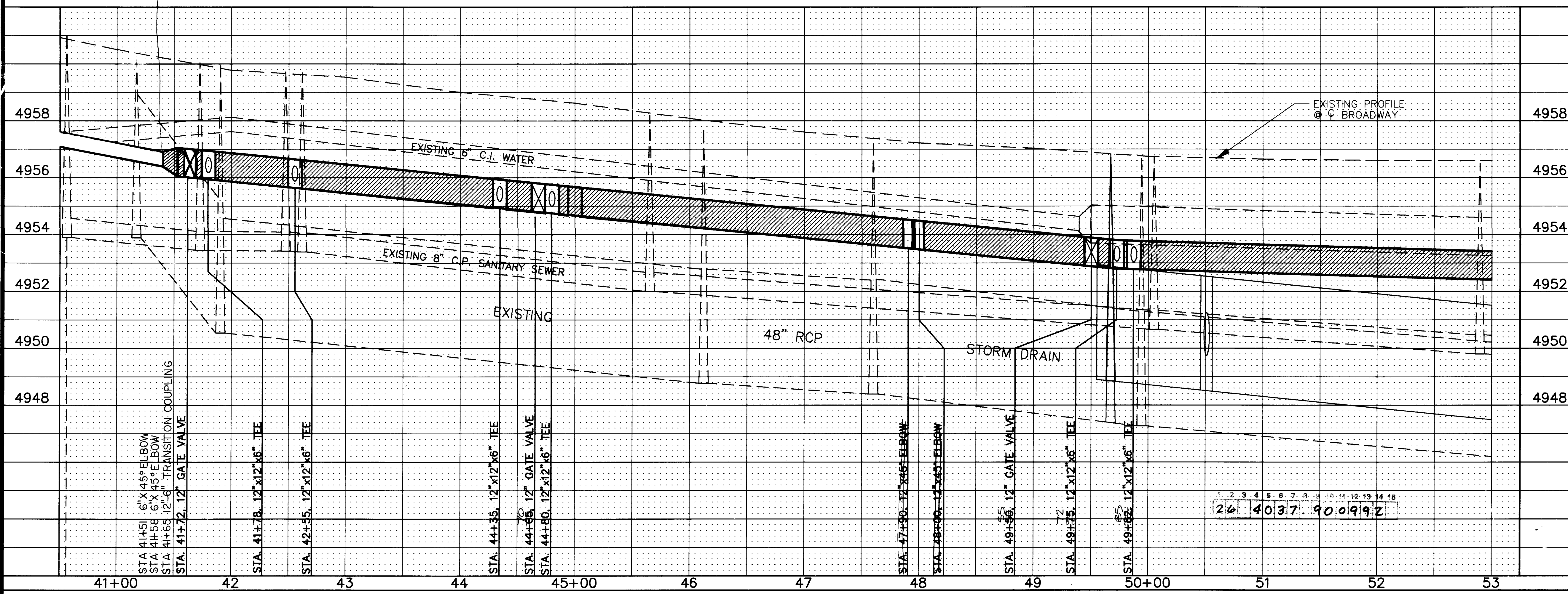
NO. DATE REMARKS REVISIONS DESIGN
DESIGNED BY L.D.R. & S.A.M. DATE MAY 1991
DRAWN BY C.A.D.D./R.K.A. DATE MAY 1991
CHECKED BY M.W.M. DATE

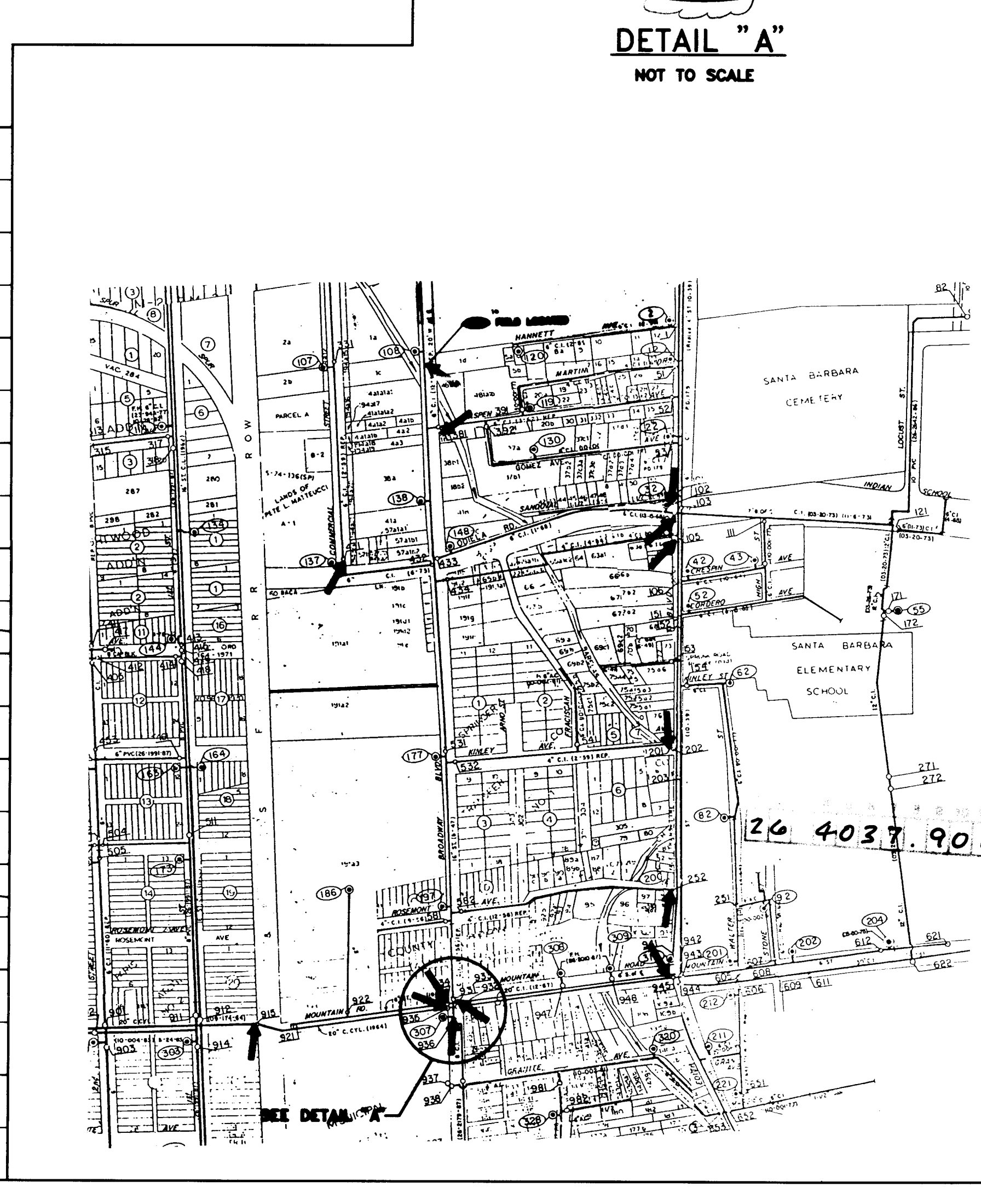
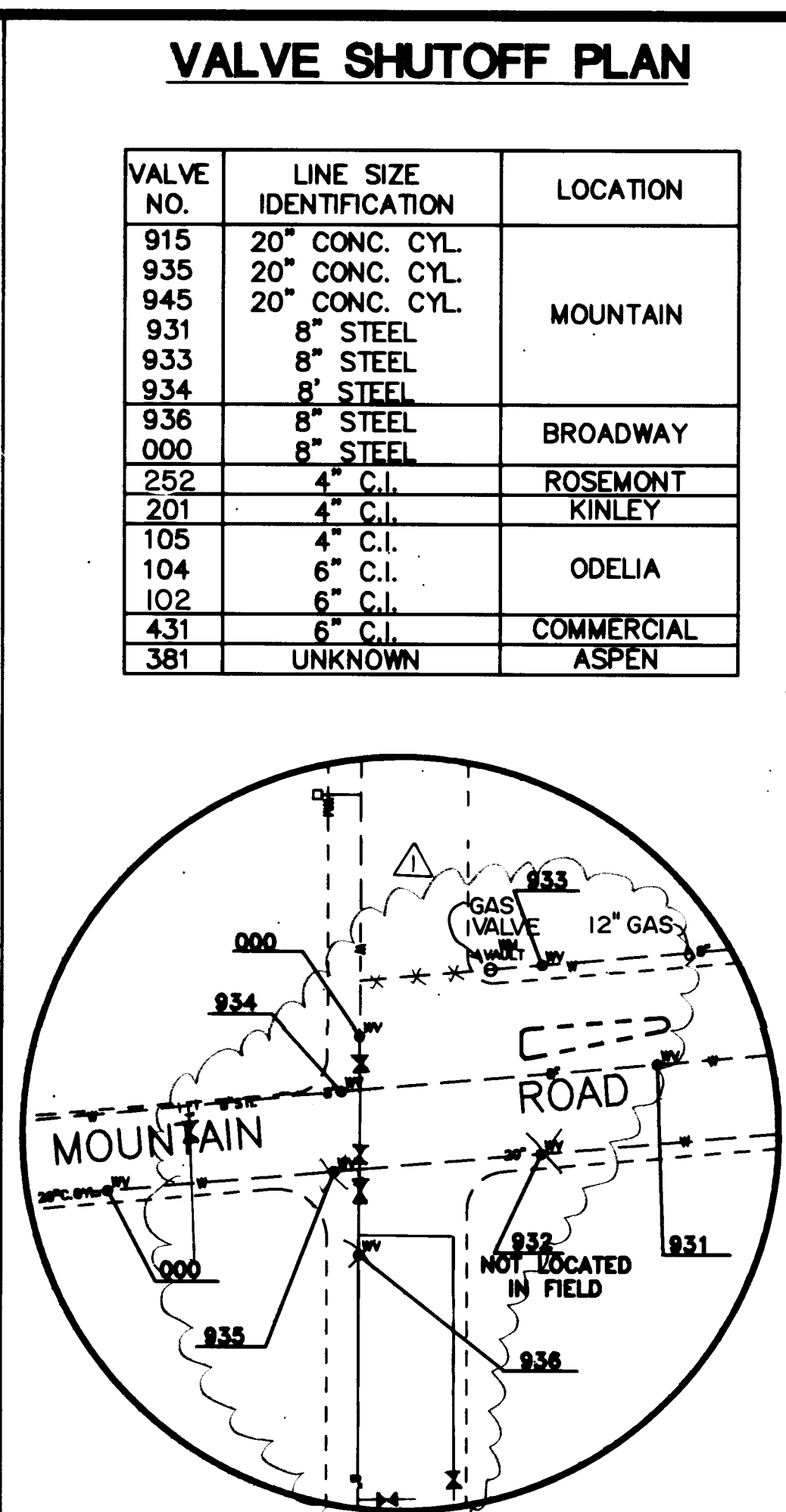
**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP / HYDROLOGY DIVISION**

TITLE: BROADWAY STORM DRAIN
WATER
STA. 41+00 TO STA. 53+00

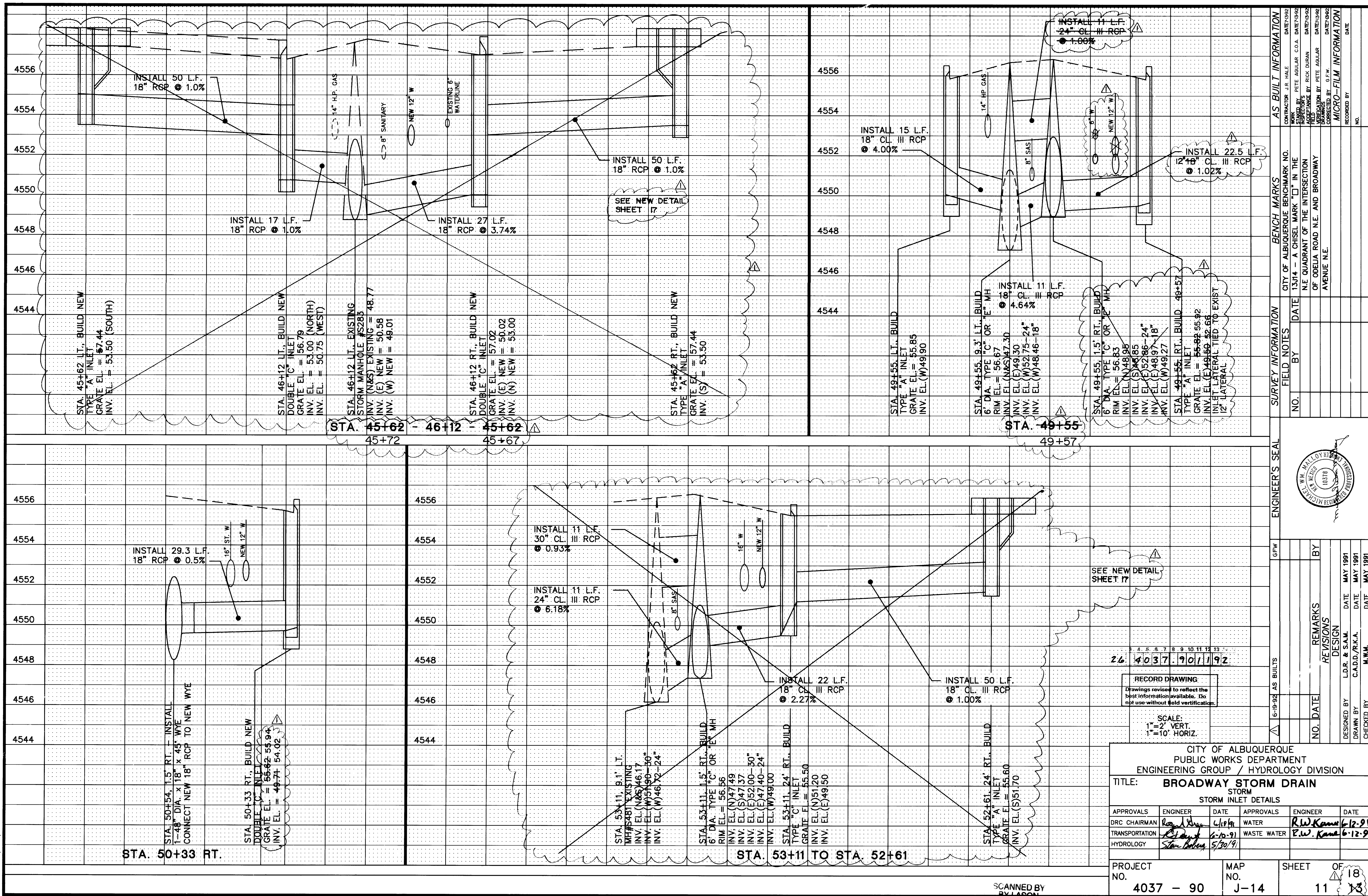
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	R. J. [Signature]	6-10-91	WATER	R.W. Kame	6-12-91
TRANSPORTATION	[Signature]	6-10-91	WASTE WATER	R.W. Kame	6-12-91
HYDROLOGY	Steve Bailey	5/30/91			

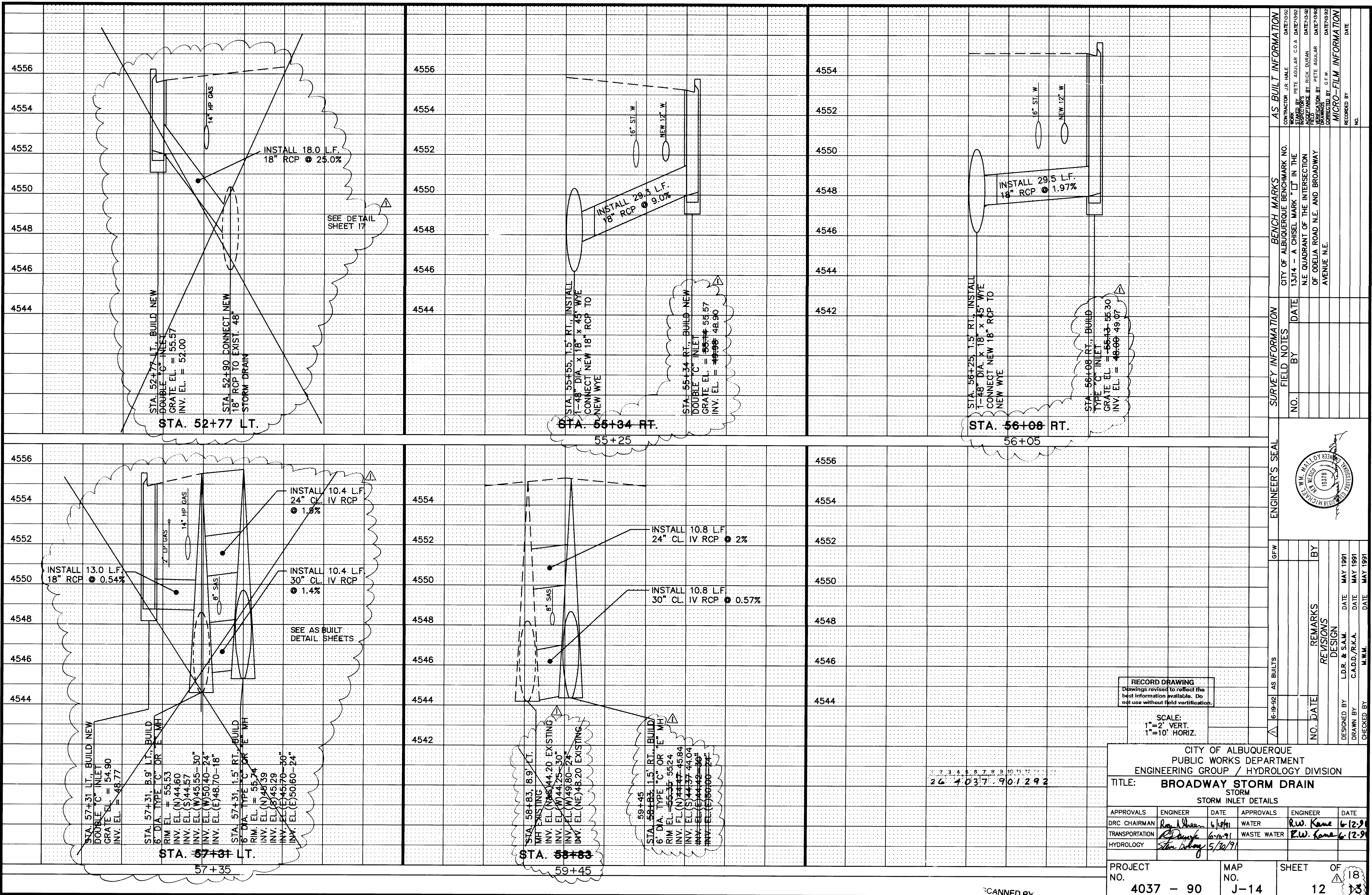
PROJECT NO. 4037 - 90 MAP NO. J-14 SHEET OF 18
9

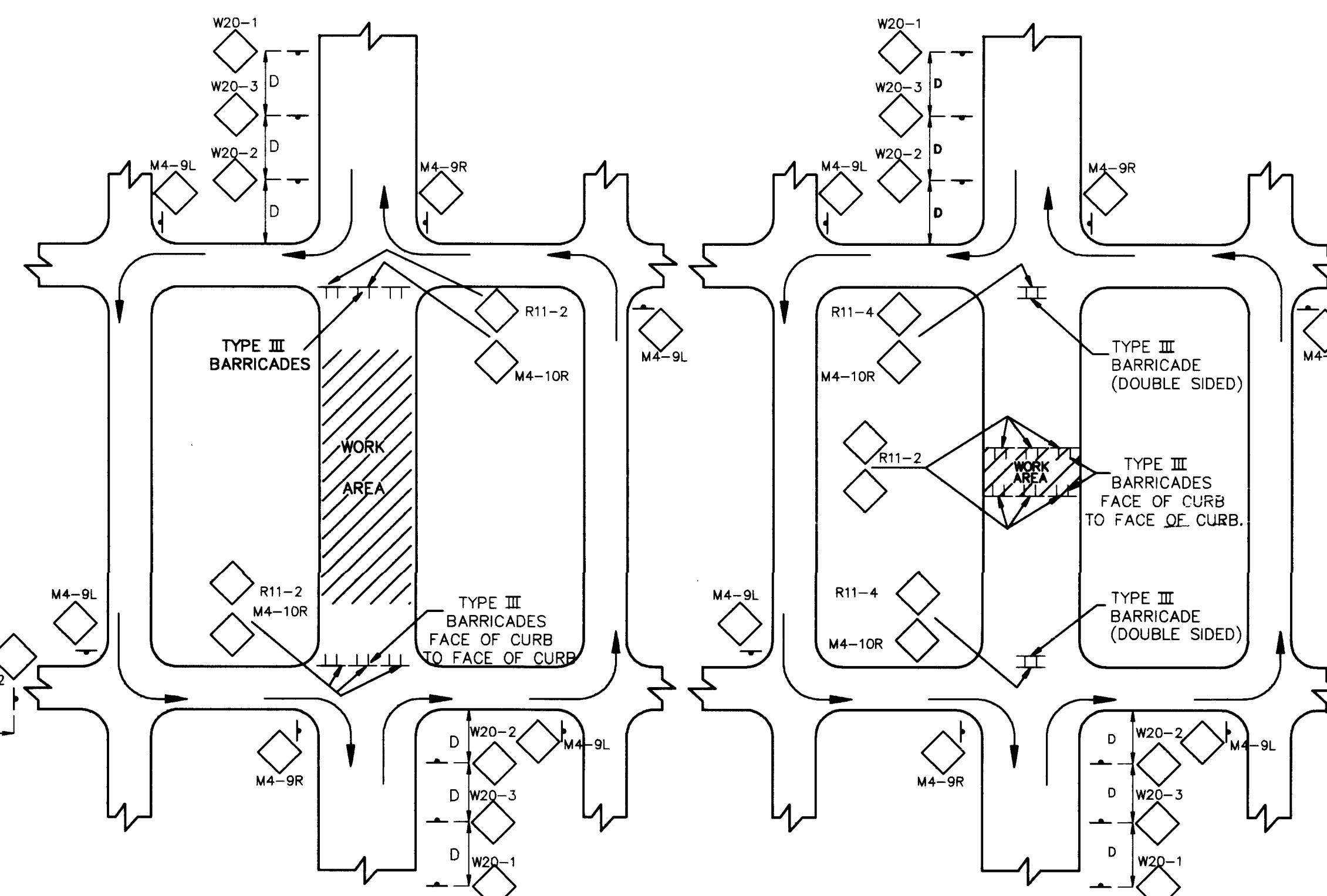
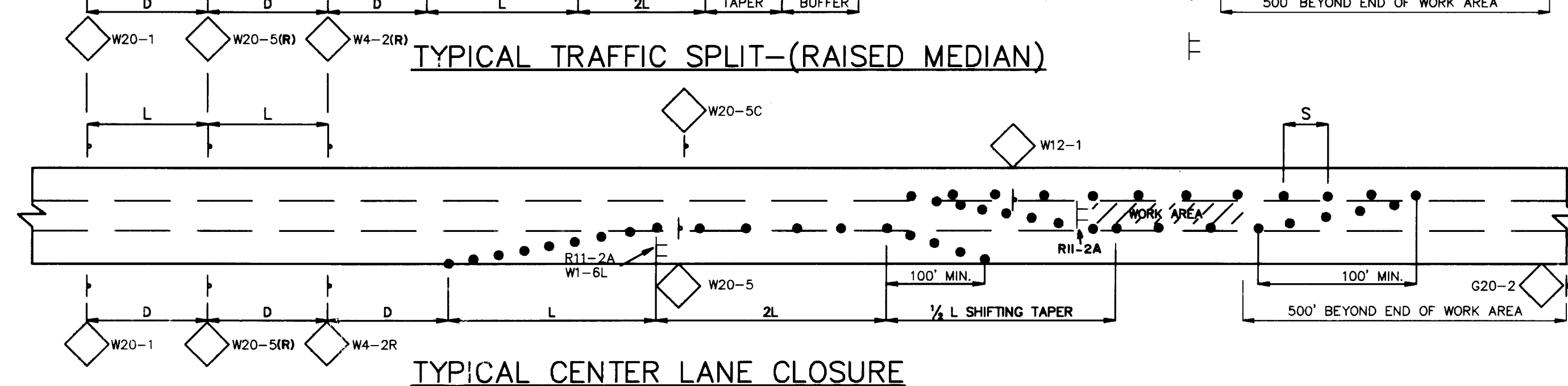
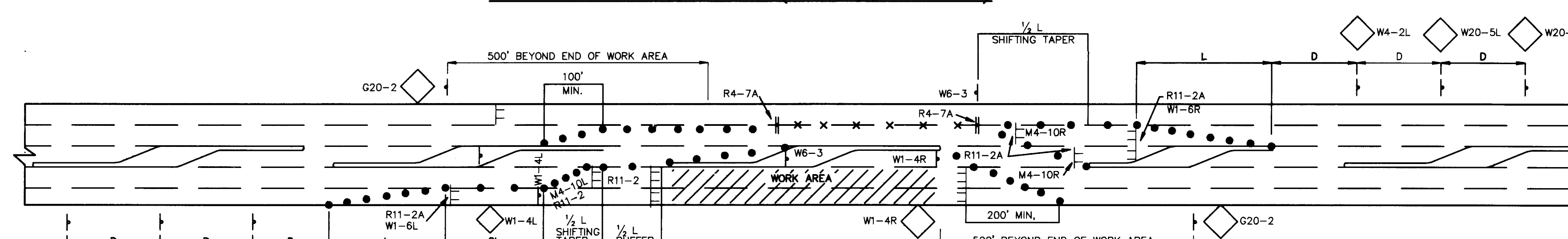
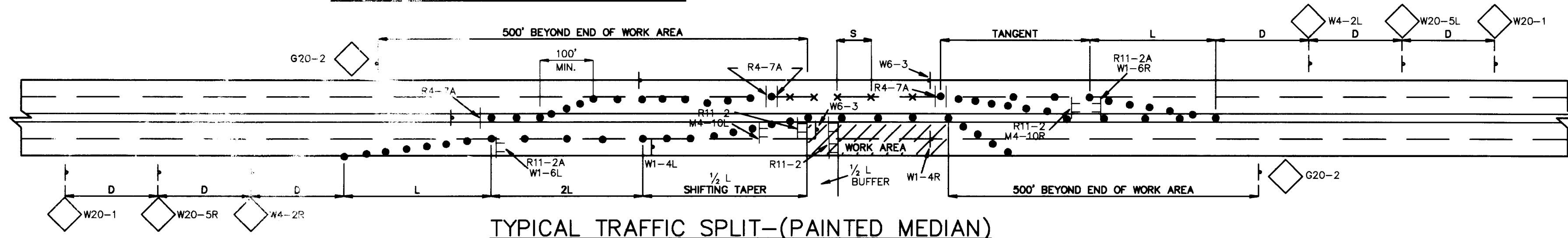
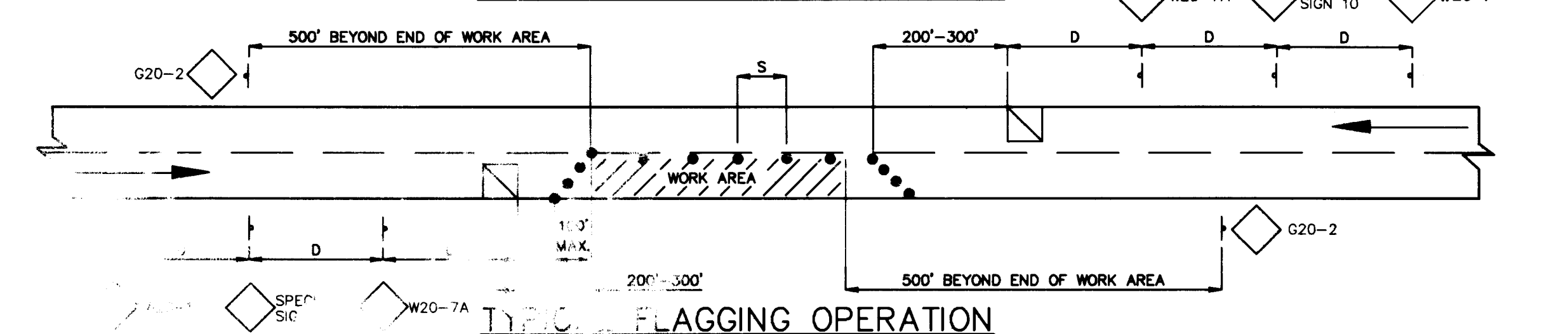
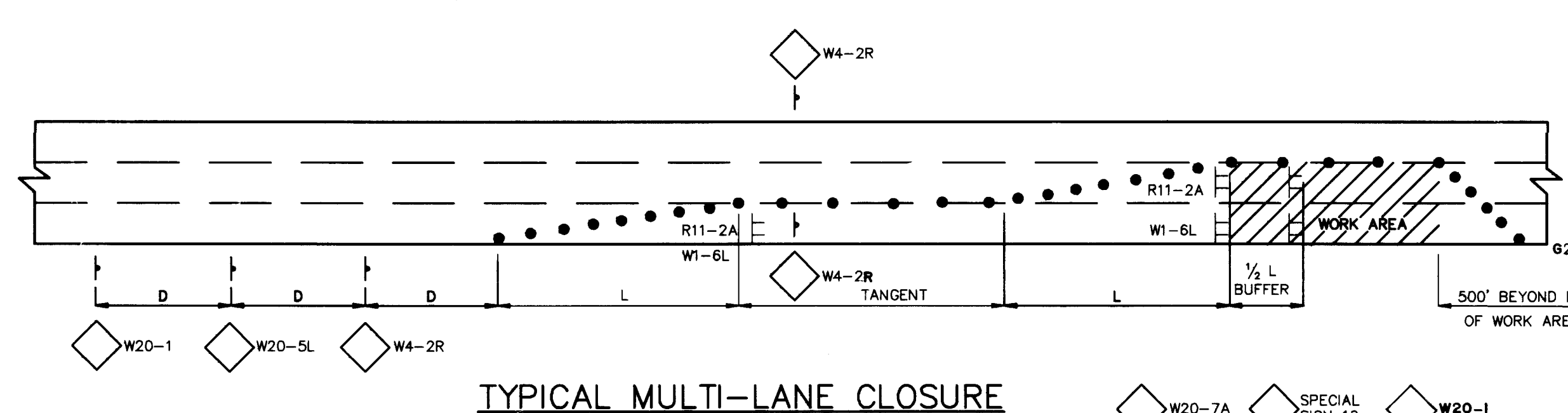
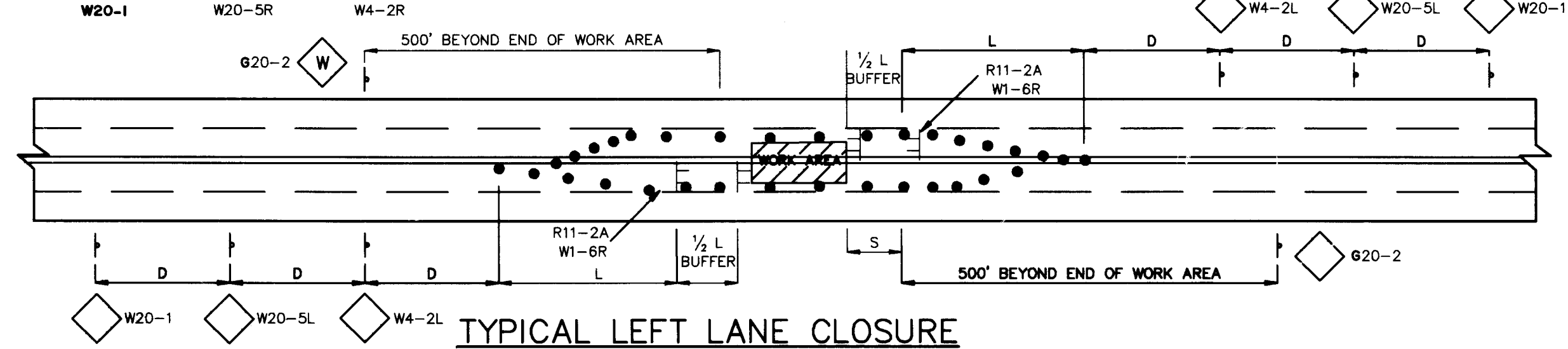
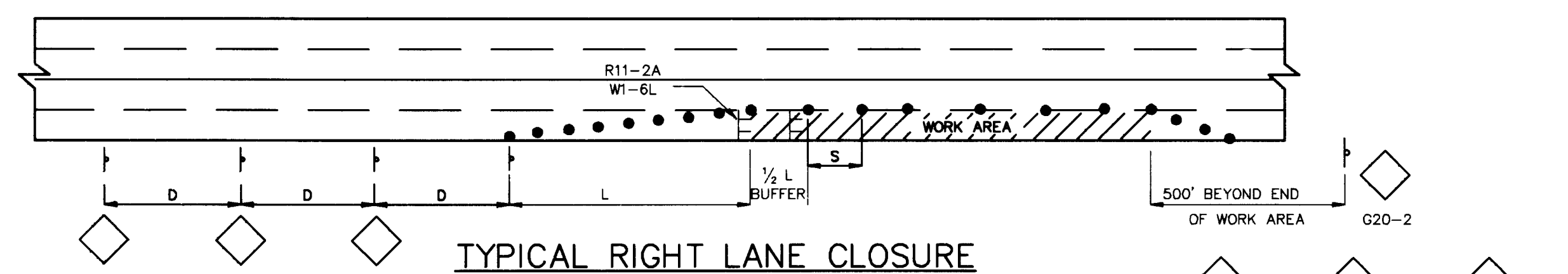




LEGEND						AS BUILT INFORMATION			
	LIMITS OF PHASE I PAVEMENT REMOVAL AND REPLACEMENT					DATE: 7-19-92			
	NEW 12" WATERLINE (PROFILE)					CONTRACTOR: J.R. VALE			
	NEW 12" WATERLINE AND WATER VALVE					DESIGNED BY: PETE AGUILAR C.O.A.			
	D.I.P. TEE					CHECKED BY: RICK DURAN			
	D.I.P. 45° ELBOW					DATE: 7-19-92			
	D.I.P. 90° ELBOW					DATE: 7-19-92			
	EXISTING C & G					DATE: 7-19-92			
	EXISTING SANITARY SEWER					DATE: 7-19-92			
	EXISTING WATER LINE					DATE: 7-19-92			
	EXISTING GAS LINE					DATE: 7-19-92			
	EXISTING STORM DRAIN					DATE: 7-19-92			
	EXISTING UNDERGROUND TELEPHONE LINE					DATE: 7-19-92			
	EXISTING UNDERGROUND ELECTRICAL LINE					DATE: 7-19-92			
	EXISTING UNDERGROUND CABLE TV LINE					DATE: 7-19-92			
	EXISTING TRAFFIC SIGNAL CONDUIT					DATE: 7-19-92			
	EXISTING TELEPHONE BOX					DATE: 7-19-92			
	EXISTING STORM DRAIN MANHOLE					DATE: 7-19-92			
	EXISTING SANITARY SEWER MANHOLE					DATE: 7-19-92			
	EXISTING WATER VALVE					DATE: 7-19-92			
	EXISTING WATER METER					DATE: 7-19-92			
	EXISTING GAS VALVE					DATE: 7-19-92			
	EXISTING GAS METER					DATE: 7-19-92			
	EXISTING FIRE HYDRANT					DATE: 7-19-92			
	POWER POLE					DATE: 7-19-92			
	PEDESTAL SIGNAL					DATE: 7-19-92			
	PULL BOX					DATE: 7-19-92			
	LIGHT POLE					DATE: 7-19-92			
	EXISTING STORM INLET					DATE: 7-19-92			
	EXISTING TREE / SHRUB					DATE: 7-19-92			
RECORD DRAWING Drawings revised to reflect the best information available. Do not use without field verification.									
						ENGINEER'S SEAL MICHAEL W. MALLOY MAY 1991			
						SURVEY INFORMATION FIELD NOTES NO. _____ DATE _____ BY _____			
						BENCH MARKS CITY OF ALBUQUERQUE BENCHMARK NO. 13J14 - A CHISEL MARK "X" IN THE N.E. QUADRANT OF THE INTERSECTION OF ODELLA ROAD N.E. AND BROADWAY AVENUE N.E. DATE: 7-19-92			
						AS BUILT INFORMATION CONTRACTOR: J.R. VALE DESIGNED BY: PETE AGUILAR C.O.A. CHECKED BY: RICK DURAN DATE: 7-19-92 MICRO-FILM INFORMATION RECORDED BY: _____ DATE: _____ NO. _____			
						REVISIONS NO. DATE DESCRIPTION 1 6-18-91 [Signature] WATER 2 6-18-91 [Signature] WASTE WATER 3 5/30/91 [Signature] DESIGNED BY L.D.R. DATE MAY 1991 DRAWN BY C.A.D./R.K.A. DATE MAY 1991 CHECKED BY M.W.M. DATE MAY 1991			
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP / HYDROLOGY DIVISION									
TITLE: BROADWAY STORM DRAIN WATER STA. 53+00 TO STA. 60+26									
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE				
DRC CHAIRMAN	[Signature]	6/18/91	WATER	R.W. Kane	6/12/91				
TRANSPORTATION	[Signature]	6-18-91	WASTE WATER	R.W. Kane	6/12/91				
HYDROLOGY	[Signature]	5/30/91							
PROJECT			MAP		SHEET OF 18				





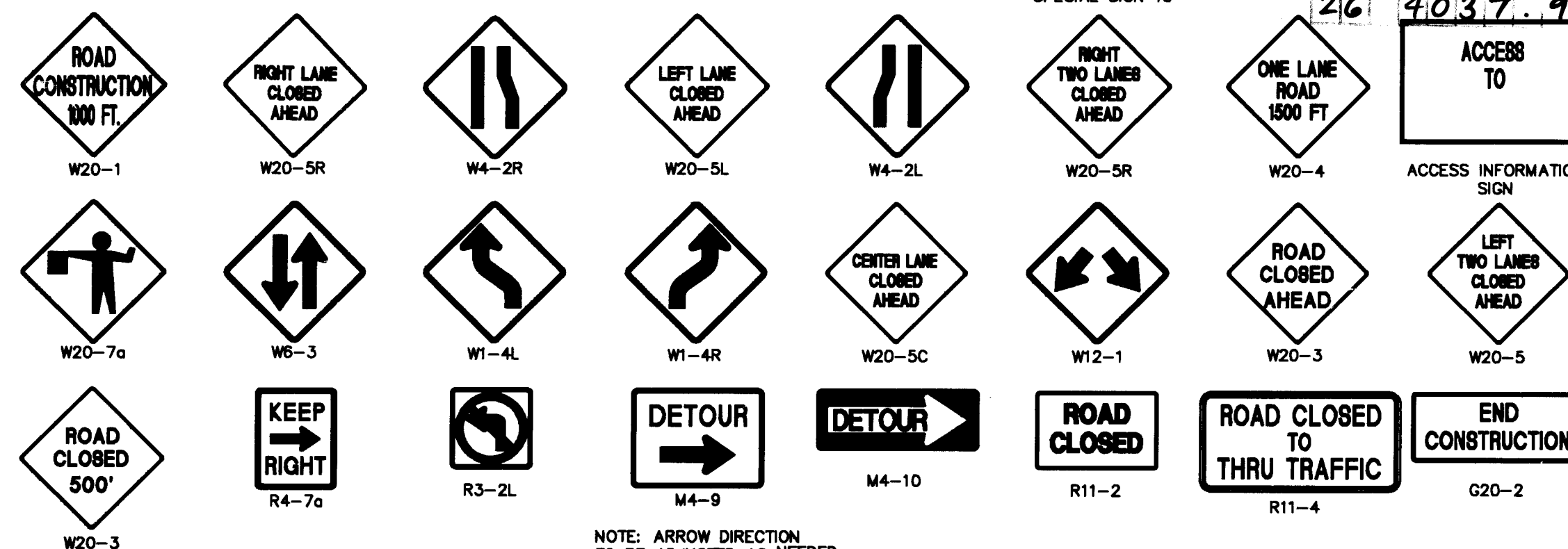
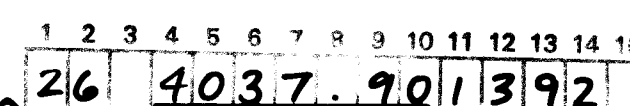
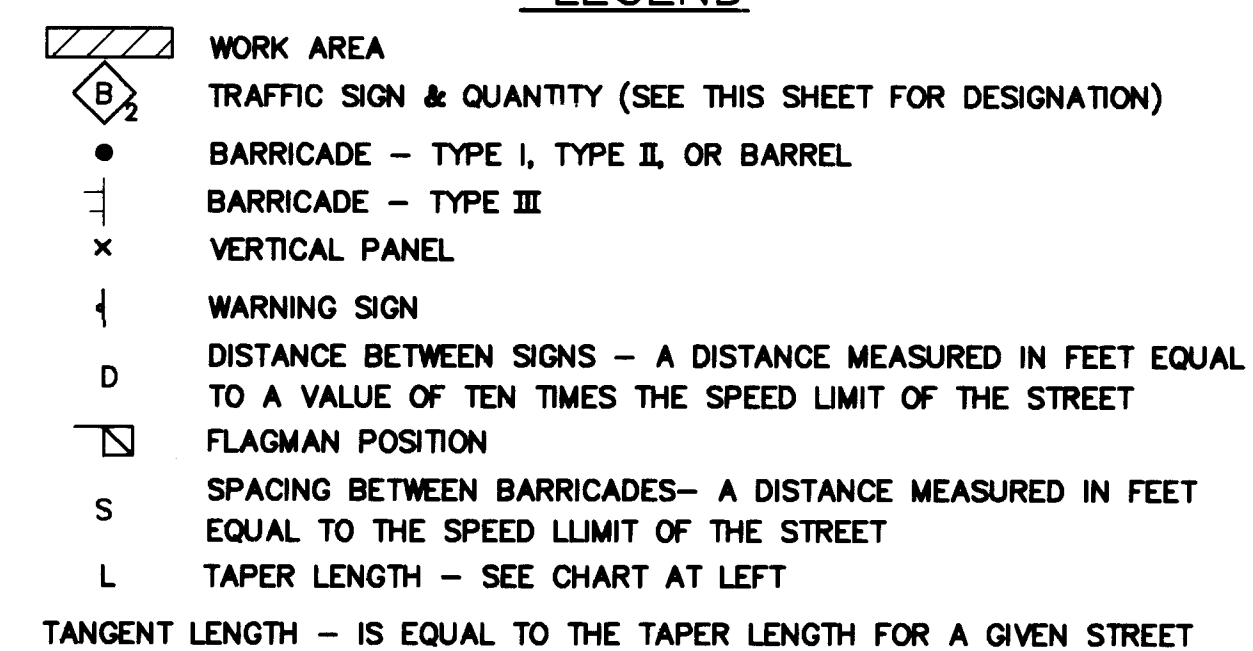


TAPER REQUIREMENTS

SPEED LIMIT (MPH)	TAPE LENGTH (FEET)			MAXIMUM DISTANCE BETWEEN DEVICES (FEET)	MINIMUM NUMBER OF DEVICES REQUIRED
	10' LANE	11' LANE	12' LANE		
25	104	115	125	25	6
30	150	165	185	30	7
35	204	225	245	35	8
40	257	293	320	40	9
45	450	495	540	45	13
50	500	550	600	50	13
55	550	605	660	55	13

USE OF BARRELS FOR
TRAFFIC CONTROL IS MANDATORY

LEGEND



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP/HYDROLOGY DIVISION

TITLE: **BROADWAY STORM DRAIN**
TRAFFIC CONTROL PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>Roger Kane</i>	<i>4/19/91</i>	WATER	<i>R.W. Kane</i>	<i>6-12-91</i>
TRANSPORTATION	<i>R. Kane</i>	<i>6-10-91</i>	WASTE WATER	<i>R.W. Kane</i>	<i>6-12-91</i>
HYDROLOGY	<i>Steve Poling</i>	<i>5/30/91</i>		<i>Gov't. Committee</i>	<i>Revised Report 4/19/91</i>

PROJECT NO. 4037 - 90	MAP NO. J-14	SHEET OF 13  18
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SCANNED BY
BY LASON

NOTE:
FOR STORM DRAIN INLET
AND LATERAL PROFILES
SEE SHEETS 18 AND 19.

45+00

STA. 45+94 LT.,
REMOVE EXISTING
INLET AND LATERAL

STA. 46+12 LT.
BUILD NEW DOUBLE "C"
INLET AND 18" LATERAL
TO EXIST. MANHOLE
GRATE EL. = 56.79 57.10
INV. EL. = 50.75 52.02

STA. 49+55 LT., BUILD
NEW TYPE "A" INLET AND
18" LATERAL TO NEW MANHOLE
ON EXIST. 48" RCP STORM DRAIN W/CONC. COLLAR
GRATE EL. = 55.85 56.16
INV. EL. = 49.90 (W) 50.80

STA. 49+55, 9.3' LT.
BUILD NEW 6" DIA.
TYPE "C" OR "E" MH
ON EXIST. STORM DRAIN

STA. 52+77 LT.
BUILD NEW DOUBLE "C"
INLET AND 18" LATERAL TO
EXIST 48" RCP STORM DRAIN
GRATE EL. = 55.57 55.85
INV. EL. = 52.00 50.85

STA. 53+11 RT. TO LT.
BUILD 33' L.F. RCP
STORM DRAIN TO EXIST.
STORM MH NO. S481

50+00

STA. 45+62 LT.
BUILD NEW TYPE "A"
INLET AND 18" LATERAL
TO NEW DOUBLE "C" INLET
GRATE EL. = 57.44 57.20
INV. EL. = 53.50 54.12

STA. 45+43 RT.,
EXIST. INLET AND
LATERAL TO REMAIN

STA. 45+62 RT.
BUILD NEW TYPE "A"
INLET AND 18" LATERAL
TO NEW DOUBLE "C" INLET
GRATE EL. = 57.44 57.47
INV. EL. = 53.50 (S) 53.67

STA. 46+12 RT.
BUILD NEW DOUBLE "C"
INLET AND 18" LATERAL
TO EXIST. MANHOLE
GRATE EL. = 57.02 57.30
INV. EL. = 50.02 53.40

STA. 49+55 RT., BUILD NEW
TYPE "A" INLET AND CONNECT
TO EXIST. 12" LATERAL
GRATE EL. = 55.82 55.92
INV. EL. = 52.66

STA. 50+33 RT.
BUILD NEW DOUBLE "C"
INLET AND CONNECT TO
EXIST. 12" LATERAL
GRATE EL. = 55.62 55.94
INV. EL. = 54.02 50.80

STA. 52+64 RT.
BUILD NEW TYPE "A"
INLET AND 18" LATERAL TO
NEW DOUBLE "C" INLET
GRATE EL. = 55.60 55.65
INV. EL. = 51.70 52.75

STA. 53+11 RT.
BUILD NEW DOUBLE "C"
INLET AND 18" LATERAL TO

BROADWAY AVENUE

PLAN

NOTE:
STORM DRAIN WILL BE FOLLOWING CLASSES:
18" RCP - CLASS IV, D-LOAD=2000
24" RCP - CLASS IV, D-LOAD=2000
30" RCP - CLASS IV, D-LOAD=2000
48" RCP - CLASS III, D-LOAD=1350
ALL BEDDING WILL BE CLASS C. (RE: C.O.A. SPEC. SEC. 701)

MATCH LINE STA. 54+00
SEE SHEET 14 OF 13

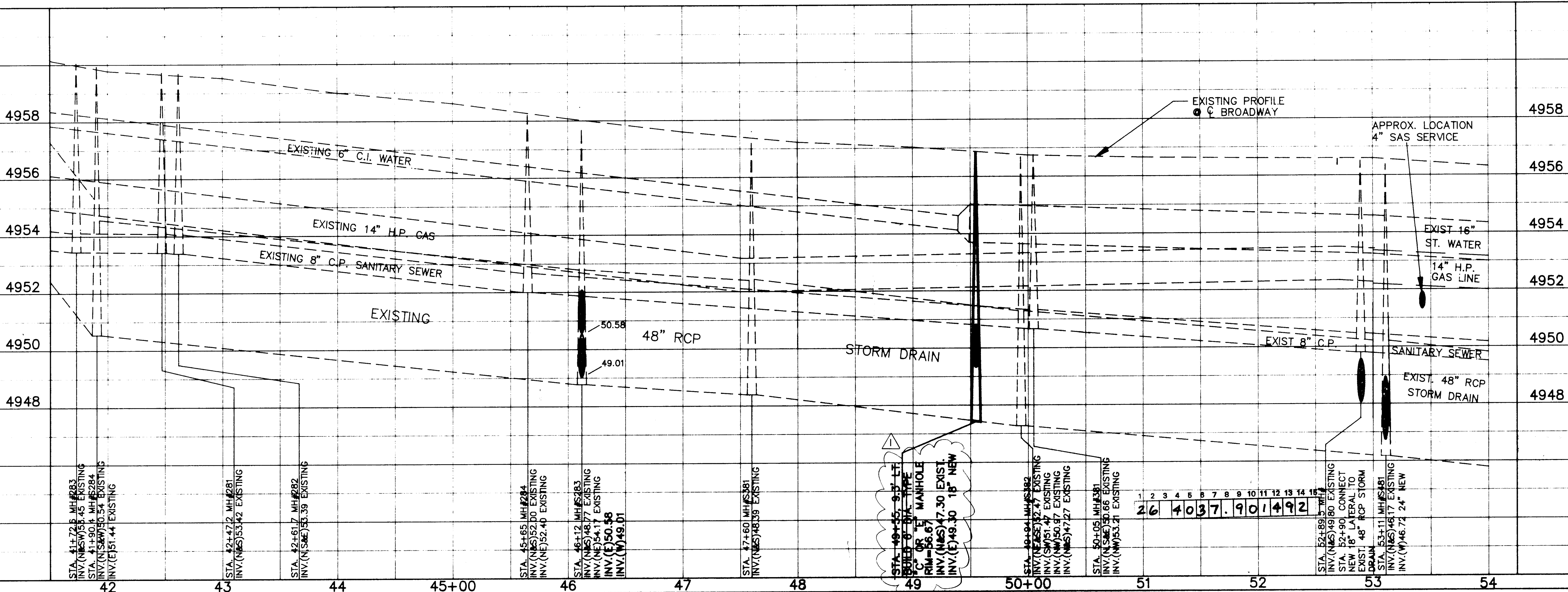
NOTE: STORM DRAIN WILL BE FOLLOWING CLASSES:

18" RCP	- CLASS IV, D-LOAD=2000	INLET	TO NE
24" RCP	- CLASS IV, D-LOAD=2000	GRATE	
30" RCP	- CLASS IV, D-LOAD=2000	INV. E	
48" RCP	- CLASS III, D-LOAD=1350		

ALL BEDDING WILL BE CLASS C. (RE: C.O.A. SPEC. SEC. 701)

PLAN
SCALE: 1"=50'

PROFILE
SCALE: 1"=50' Horiz.
1"=2' Vert.



	LIMITS OF PAVEMENT REMOVAL AND REPLACEMENT.
	REMOVE AND REPLACE CURB AND GUTTER
	REMOVE AND REPLACE SIDEWALK/DRIVEPAD
	NEW 48" CL. III STORM SEWER (PROFILE)
	NEW 6" DIA. STORM DRAIN MANHOLE
	NEW STORM INLET TO MANHOLE
	NEW STORM INLET TO WYE

	EXISTING C & G
	EXISTING SANITARY SEWER
	EXISTING WATER LINE
	EXISTING GAS LINE
	EXISTING STORM DRAIN
	EXISTING UNDERGROUND TELEPHONE LINE
	EXISTING UNDERGROUND ELECTRICAL LINE
	EXISTING UNDERGROUND CABLE TV LINE
	EXISTING TRAFFIC SIGNAL CONDUIT
	EXISTING TELEPHONE BOX
	EXISTING STORM DRAIN MANHOLE
	EXISTING SANITARY SEWER MANHOLE
	EXISTING WATER VALVE
	EXISTING WATER METER
	EXISTING GAS VALVE
	EXISTING GAS METER
	EXISTING FIRE HYDRANT
	POWER POLE
	PEDESTAL SIGNAL
	PULL BOX
	LIGHT POLE
	EXISTING STORM INLET
	EXISTING TREE/SHRUB

RECORD DRAWING
Drawings revised to reflect the best information available. Do not use without field verification.

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP / HYDROLOGY DIVISION

TITLE: **BROADWAY STORM DRAIN**

STORM
STA. 41+00 TO STA. 53+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

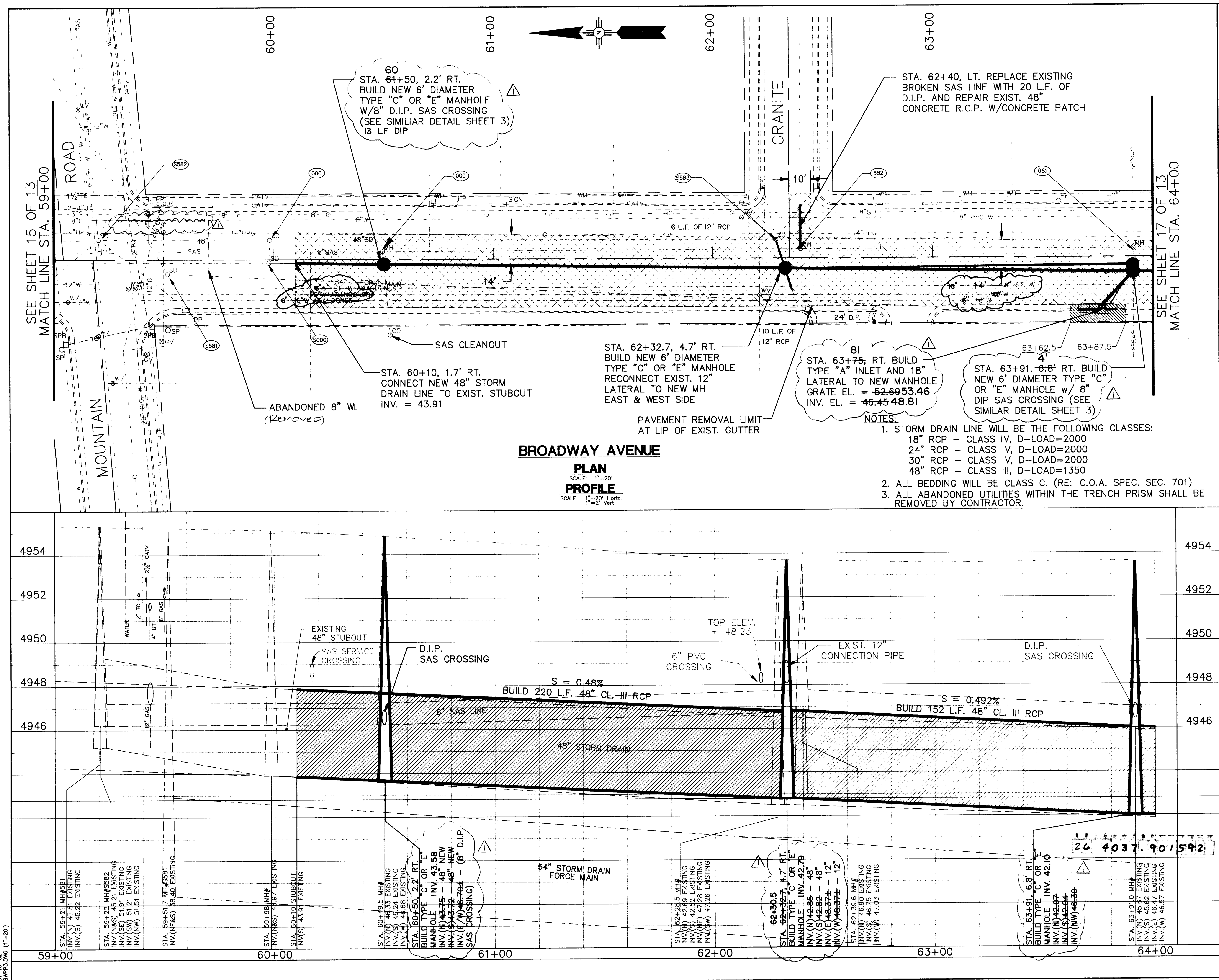
PROJECT NO. 4037 - 90	MAP NO. J-14	SHEET OF 14  18 15
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AS BUILT INFORMATION		DATE		
CONTRACTOR	J.R. HALE	DATE	7-13-92	
WORK				
STANDARD BY	PETE AGULAR	C.O.A. DATE	7-13-92	
INSPECTOR'S FIELD	APPROVED BY	RICK DURAN	DATE	7-13-92
VERIFICATION BY	PETE AGULAR	DATE	7-13-92	
DRAWINGS	CORRECTED BY	G.F.W.	DATE	7-13-92
MICRO-FILM INFORMATION		DATE		
RECORDED BY				
NO.				

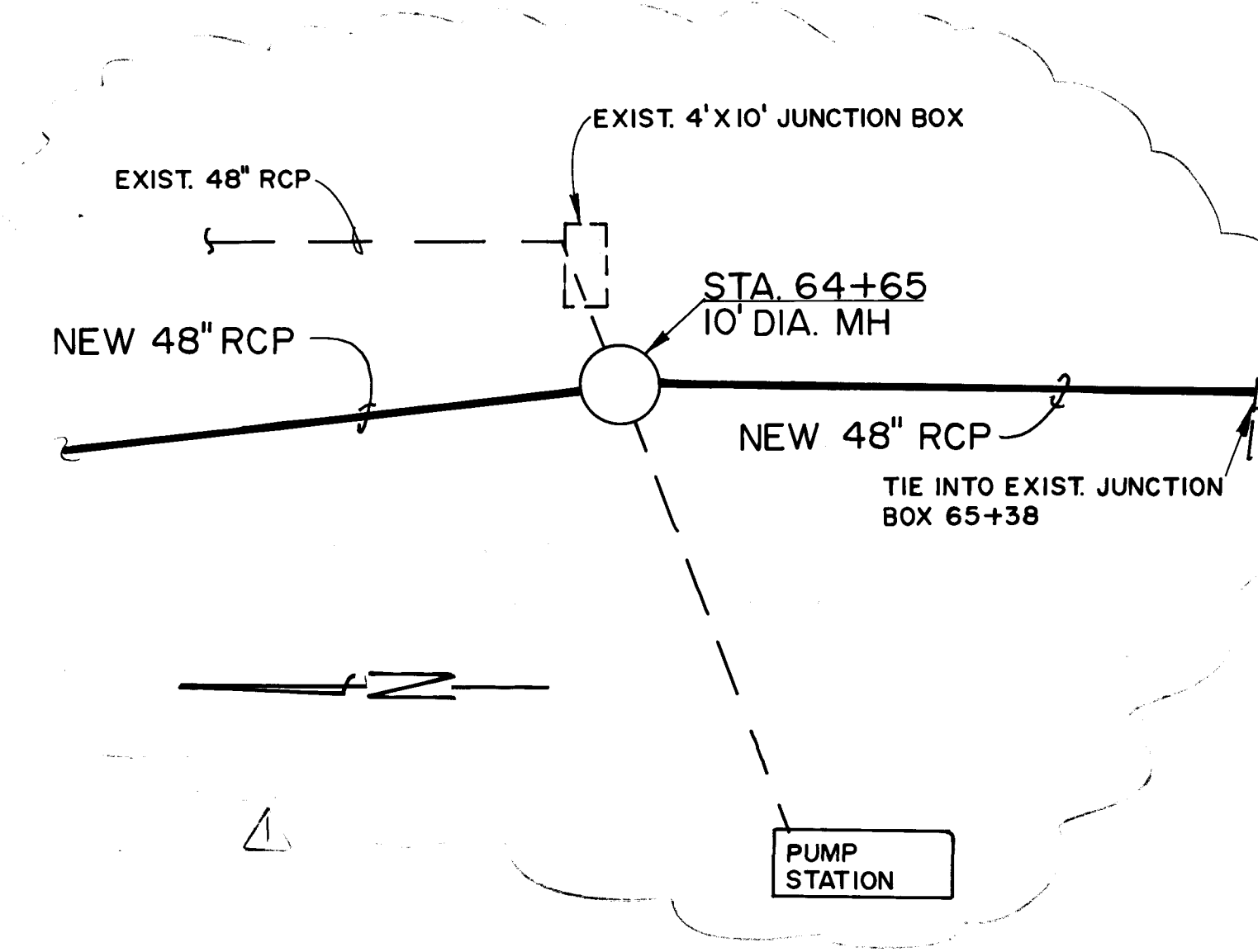
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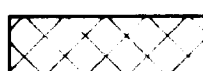
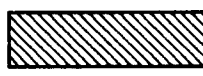
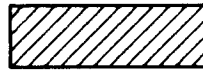
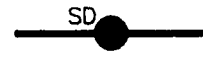
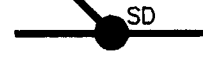
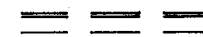
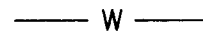
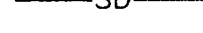
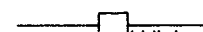
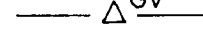
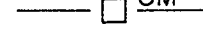
~~SCANNED BY~~
BY LASON

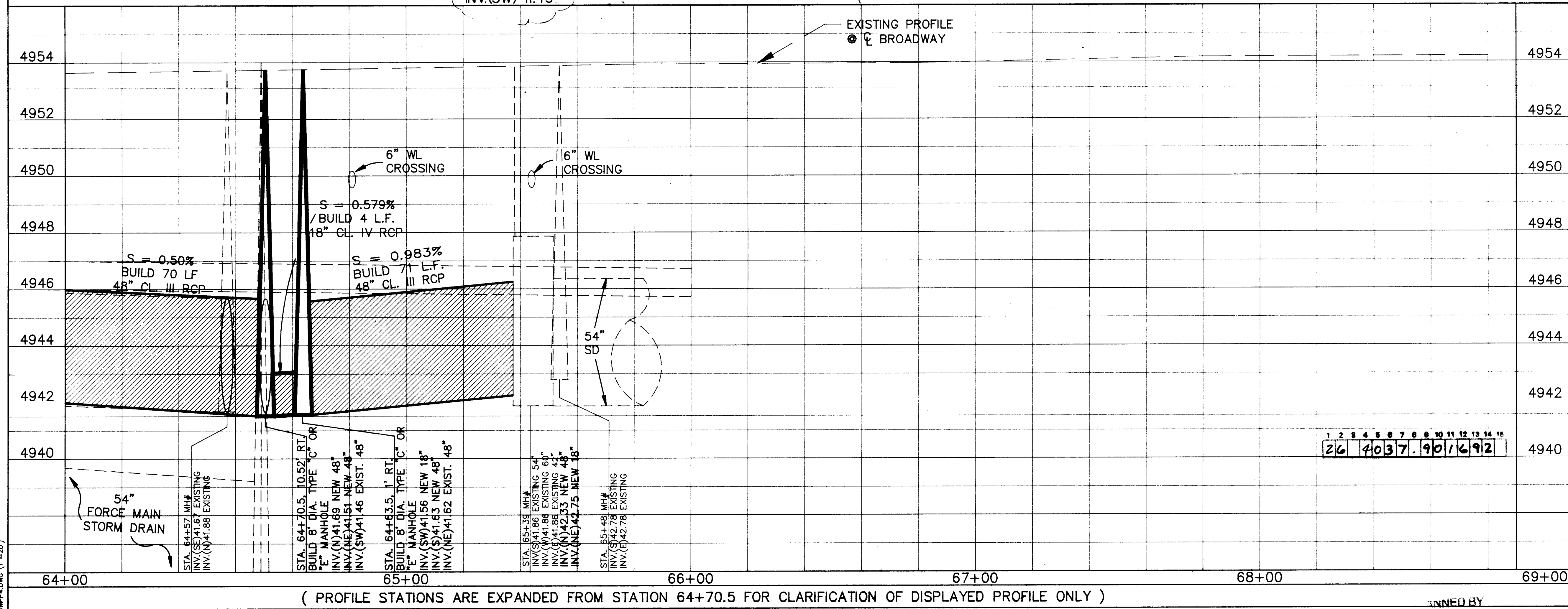
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SWPP1 DWG (1"=50')



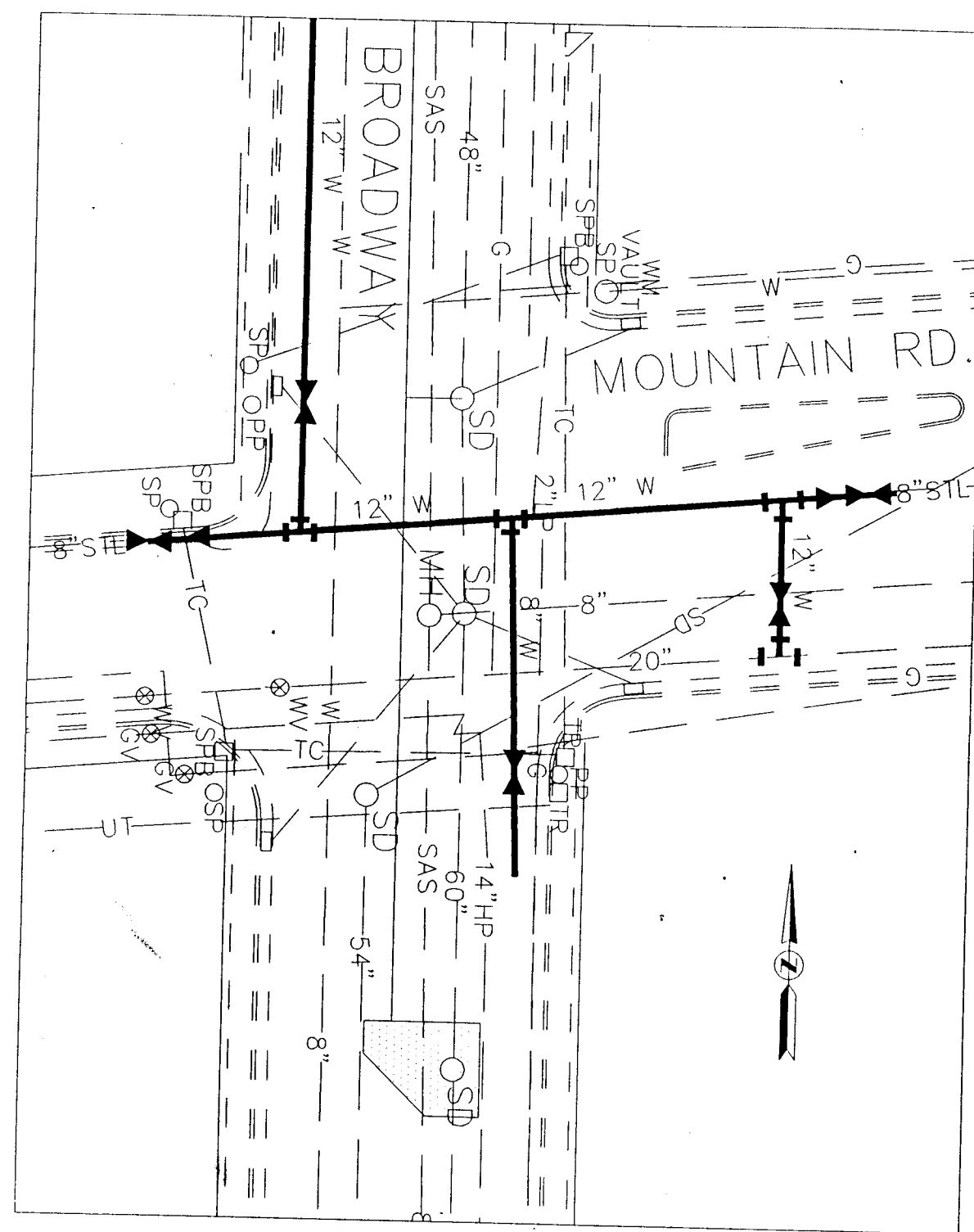
LEGEND					
		LIMITS OF PAVEMENT REMOVAL AND REPLACEMENT.			
		REMOVE AND REPLACE CURB AND GUTTER			
		REMOVE AND REPLACE SIDEWALK/DRIVEPAD			
		NEW 48" CL. III STORM SEWER (PROFILE)			
		NEW 6' DIA. STORM DRAIN MANHOLE			
		NEW STORM INLET TO MANHOLE			
		NEW STORM INLET TO WYE			
		EXISTING C & G			
		EXISTING SANITARY SEWER			
		EXISTING WATER LINE			
		EXISTING GAS LINE			
		EXISTING STORM DRAIN			
		EXISTING UNDERGROUND TELEPHONE LINE			
		EXISTING UNDERGROUND ELECTRICAL LINE			
		EXISTING UNDERGROUND CABLE TV LINE			
		EXISTING TRAFFIC SIGNAL CONDUIT			
		EXISTING TELEPHONE BOX			
		EXISTING STORM DRAIN MANHOLE			
		EXISTING SANITARY SEWER MANHOLE			
		EXISTING WATER VALVE			
		EXISTING WATER METER			
		EXISTING GAS VALVE			
		EXISTING GAS METER			
		EXISTING FIRE HYDRANT			
		POWER POLE			
		PEDESTAL SIGNAL			
		PULL BOX			
		LIGHT POLE			
		EXISTING STORM INLET			
		EXISTING TREE / SHRUB			
RECORD DRAWING Drawings revised to reflect the best information available. Do not use without field verification.					
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP / HYDROLOGY DIVISION					
TITLE: BROADWAY STORM DRAIN STORM DRAIN STA. 59+00 TO STA. 64+00					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					
PROJECT NO. 4037 - 90		MAP NO. J-14		SHEET OF 15 18	



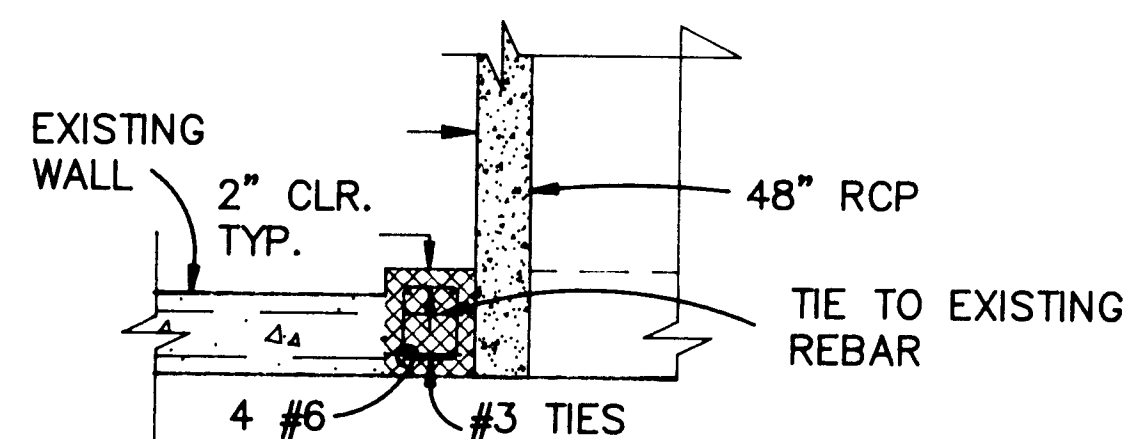
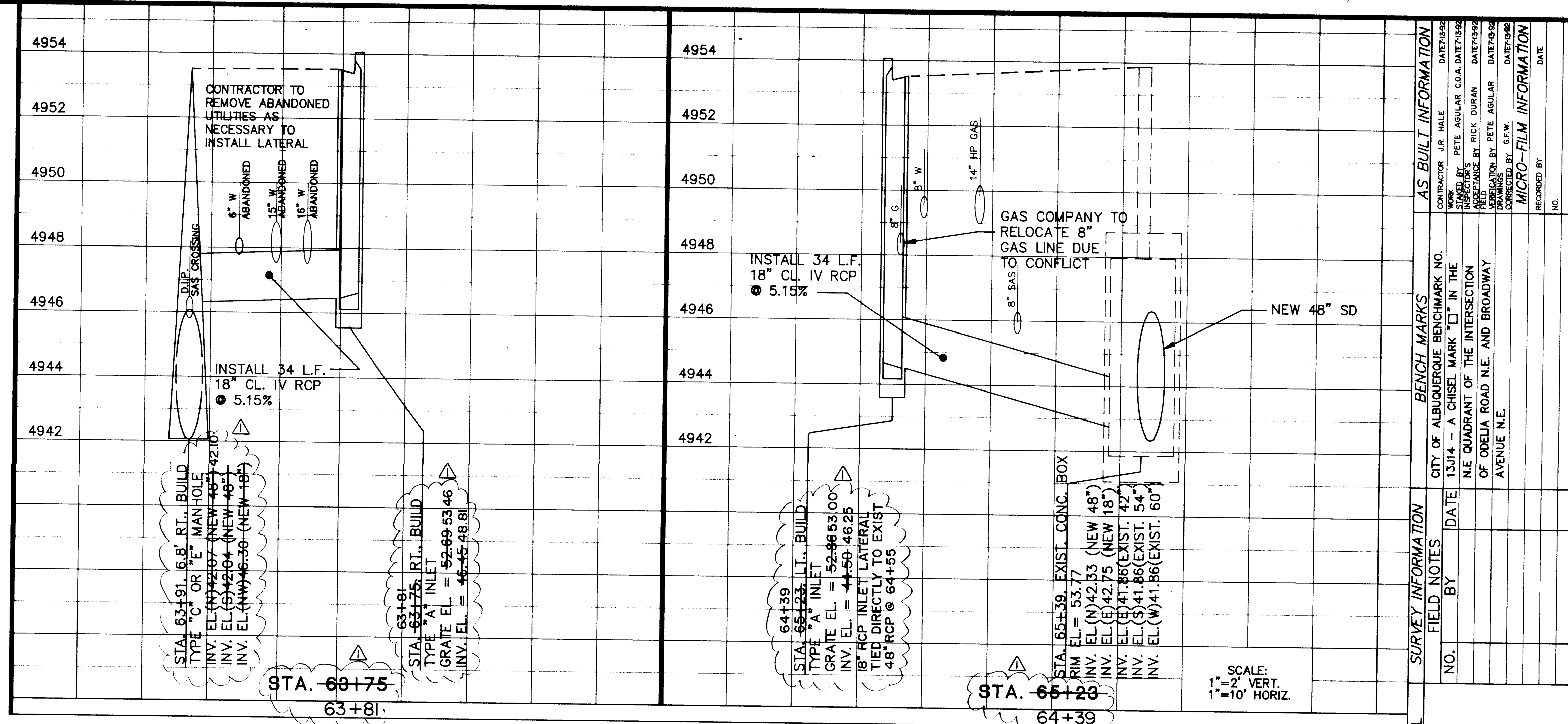
- # LEGEND
- | | |
|---|---|
|  | LIMITS OF PAVEMENT
REMOVAL AND
REPLACEMENT. |
|  | REMOVE AND REPLACE
CURB AND GUTTER |
|  | REMOVE AND REPLACE
SIDEWALK/DRIVEPAD |
|  | NEW 48" CL. III
STORM SEWER (PROFILE) |
|  | NEW 6' DIA. STORM
DRAIN MANHOLE |
|  | NEW STORM INLET
TO MANHOLE |
|  | NEW STORM INLET
TO WYE |
|  | EXISTING C & G |
|  | EXISTING SANITARY
SEWER |
|  | EXISTING WATER LINE |
|  | EXISTING GAS LINE |
|  | EXISTING STORM DRAIN |
|  | EXISTING UNDERGROUND
TELEPHONE LINE |
|  | EXISTING UNDERGROUND
ELECTRICAL LINE |
|  | EXISTING UNDERGROUND
CABLE TV LINE |
|  | EXISTING TRAFFIC
SIGNAL CONDUIT |
|  | EXISTING TELEPHONE
BOX |
|  | EXISTING STORM DRAIN
MANHOLE |
|  | EXISTING SANITARY
SEWER MANHOLE |
|  | EXISTING WATER VALVE |
|  | EXISTING WATER METER |
|  | EXISTING GAS VALVE |
|  | EXISTING GAS METER |
|  | EXISTING FIRE HYDRANT |
|  | POWER POLE |
|  | PEDESTAL SIGNAL |
|  | PULL BOX |
|  | LIGHT POLE |
|  | EXISTING STORM INLET |
|  | EXISTING TREE/SHRUB |
- RECORD DRAWING**
Drawings revised to reflect the
best information available. Do
not use without field verification.

[illegible]

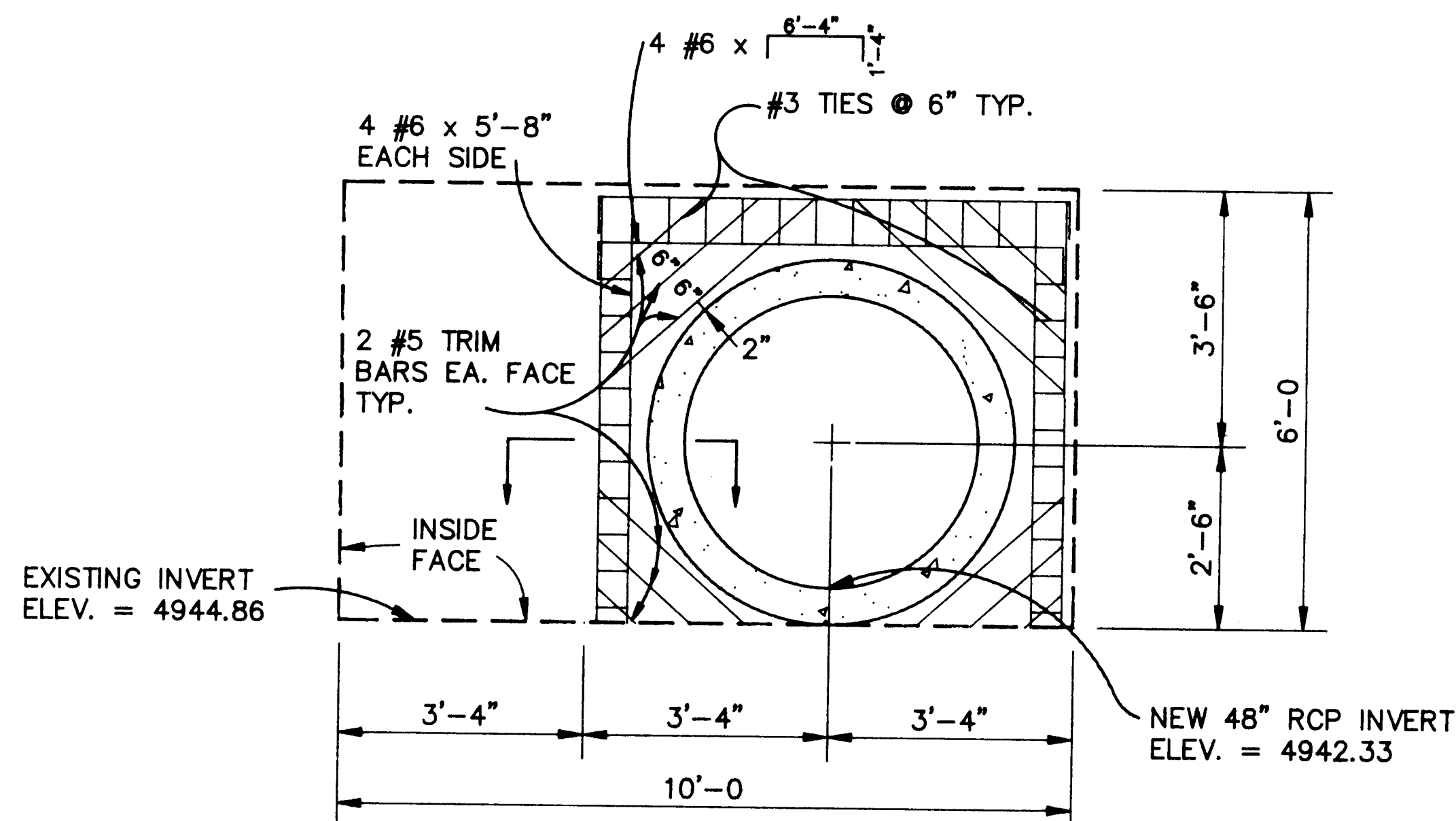
SCANNED BY
BY EASON



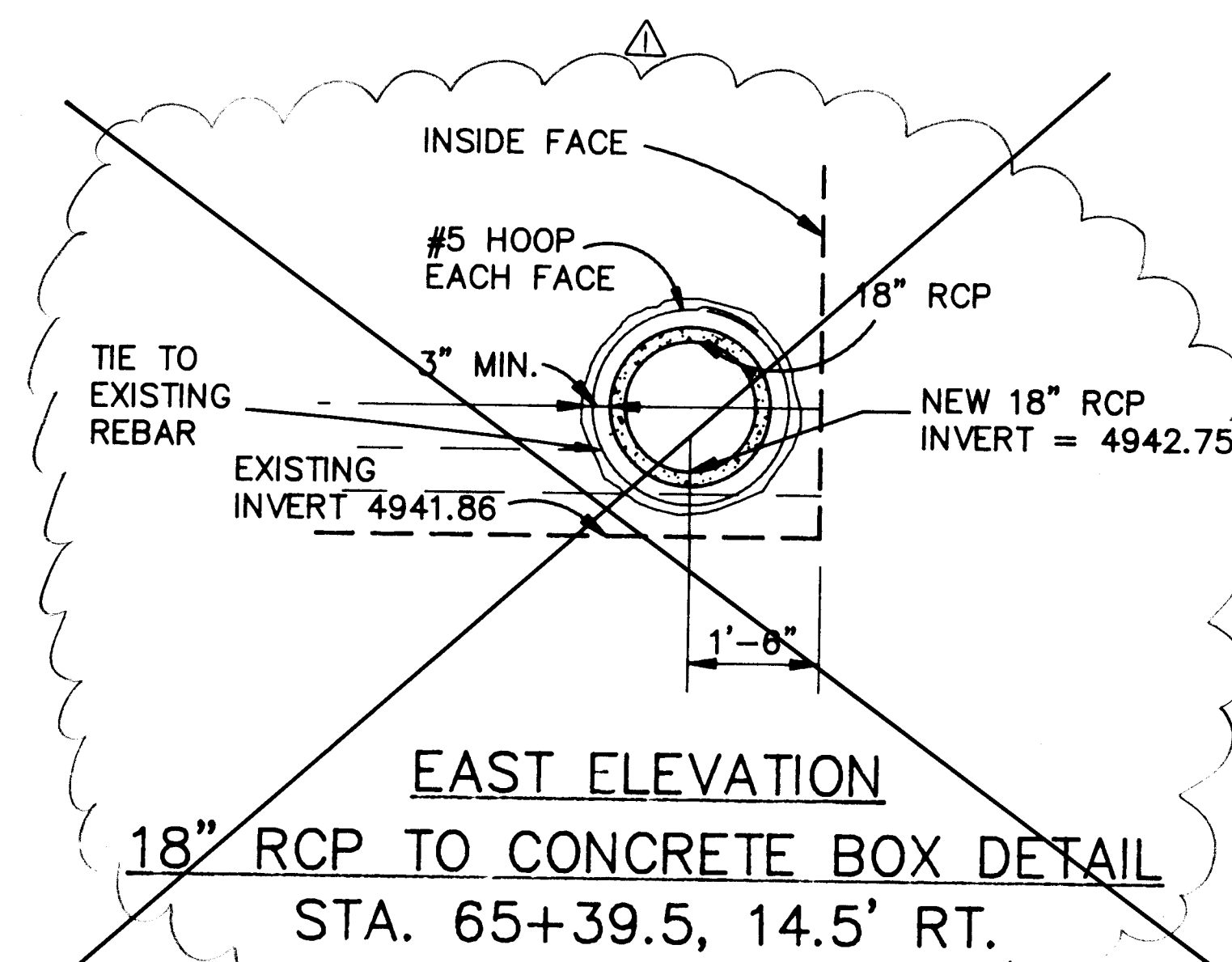
AS BUILT WATER LINE DETAIL



SECTION
48" RCP TO EXISTING CONCRETE BOX DETAIL
STA. 65+38, 12' RT.



NORTH ELEVATION



EAST ELEVATION

18" RCP TO CONCRETE BOX DETAIL
STA. 65+39.5, 14.5' RT.

20 4037.901892

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP / HYDROLOGY DIVISION					
TITLE: BROADWAY STORM DRAIN STORM INLET CONCRETE BOX DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					
PROJECT NO. 4037 - 90		MAP NO. J-14		SHEET 18 OF 18	

RECORD DRAWING
Drawings revised to reflect the
best information available. Do
not use without field verification.

BY LASON