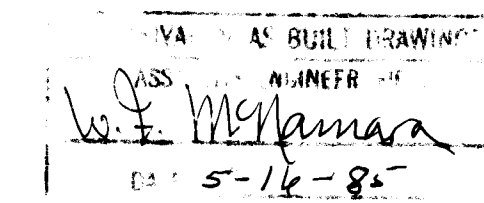


NEIGHBORHOOD DEVELOPMENT PROGRAM

NO. N.M. A-1-1

URBAN DEVELOPMENT AGENCY OF ALBUQUERQUE
ALBUQUERQUE NEW MEXICO

MARTINEZTOWN PAVING CONTRACT



SCANNED BY
RY LASON

AS BUILT

10 002 0174

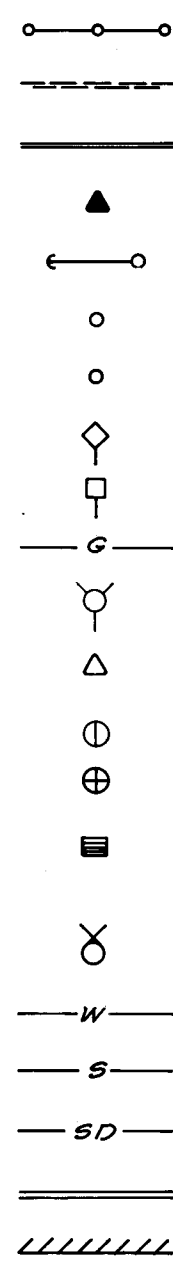
 Scanlon & associates, inc.
albuquerque Consulting Engineers santa fe
SET NO _____

GENERAL NOTES

1. UTILITY POLES ARE TO BE RELOCATED BY OTHERS. THE CONTRACTOR SHALL COORDINATE ANY WORK REQUIRED BY OTHERS IN THE CONSTRUCTION AREA WITH THE CONSTRUCTION OF THIS PROJECT.
2. ALL GAS VALVE BOXES, GAS MANHOLE, TELEPHONE MANHOLE, & ELECTRICAL MANHOLE COVERS WILL BE ADJUSTED TO GRADE BY THIS CONTRACTOR.
3. THE CONTRACTOR SHOULD TAKE PARTICULAR NOTE OF PROVISIONS IN THE SPECIFICATIONS FOR TRENCHING AHEAD OF LINE INSTALLATION AND FOR RECORDING ENCOUNTERED UTILITIES.
4. ALL EXISTING UTILITIES SHOWN WERE TAKEN FROM RECORD DRAWING AND SURFACE INDICATIONS, AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. IT WILL BE THE CONTRACTORS RESPONSIBILITY TO PROTECT, MAINTAIN IN SERVICE, AND VERIFY EXACT LOCATIONS OF ALL AFFECTED UTILITIES DURING CONSTRUCTION OF THIS PROJECT.
5. THE CONTRACTOR SHALL NOTIFY THE TELEPHONE COMPANY BY CALLING 842-1211 BEFORE COMMENCING WORK IN AREA NEAR UNDERGROUND LINES.
6. ALL WATER VALVE BOXES AND SEWER MANHOLES IN THE CONSTRUCTION AREA ARE TO BE ADJUSTED TO FINISH GRADE UNDER THIS CONTRACT. THE GRADE ADJUSTMENT REQUIRED FOR ANY NEW OR RELOCATED ITEMS SHALL BE SUBSIDIARY TO THE COST OF THE NEW ITEMS OR THE COST OF RELOCATION.
7. CONNECTION OF NEW STORM DRAINS TO EXISTING MANHOLES SHALL BE SUBSIDIARY TO CONSTRUCTION OF STORM DRAINS.
8. ALL UTILITIES WHICH ARE TO BE ABANDONED UNDER THIS CONTRACT SHALL BE PLUGGED AT EACH END OF THE PORTION TO BE ABANDONED, AS REQUIRED BY THE ENGINEER. PAYMENT FOR THIS WORK WILL BE SUBSIDIARY TO WORK ON THE ADJACENT LINES.
9. SEWER SERVICE LINES, FOR ALL VACANT BUILDINGS OWNED BY THE URBAN DEVELOPMENT AGENCY AND FOR ALL DEMOLISHED BUILDING, SHALL BE REMOVED FROM THE MAIN TO THE PROPERTY LINE. THIS SHALL APPLY TO SERVICES UNDER STREETS TO BE PAVED ON THIS CONTRACT. ALSO, THE WATER SERVICE LINES FOR ALL SUCH BUILDINGS SHALL BE SHUT OFF AT THE WATER MAIN.
10. ALL FINISHED CURB GRADES AND PROFILES ARE TO THE TOP OF THE CURB UNLESS OTHERWISE NOTED.
11. CURB RETURN RADII AND STREET WIDTHS ARE TO THE FACE OF THE CURB. ALL CURB RETURN RADII ARE 20' UNLESS OTHERWISE SHOWN.
12. WHERE REMOVAL OF EXISTING CURB AND GUTTER IS REQUIRED, REMOVE BACK TO THE NEAREST JOINT.
13. WHEN ABUTTING NEW PAVING TO EXISTING, JUST PRIOR TO REPAVING CUT BACK EXISTING PAVING ON STRAIGHT LINE AS REQUIRED TO REMOVE ANY BROKEN, RAVELED, OR CRACKED PAVING AND MATCH THE NEW PAVING GRADE TO THE EXISTING.
14. CURB AND GUTTER SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR OR HIS SUBCONTRACTORS, SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
15. EXISTING MATERIALS TO BE REMOVED AND PAID FOR ON A UNIT BASIS SHALL BE MEASURED AND THE QUANTITIES APPROVED BY THE ENGINEER BEFORE REMOVAL.
16. DEPTH OF MANHOLE SHALL BE MEASURED FROM THE TOP OF THE FRAME TO THE BOTTOM OF THE LOWEST LINE ENTERING THE MANHOLE. PIPE SHALL BE MEASURED FROM THE INSIDE FACE OF THE MANHOLE.
17. DEPTH OF STORM DRAIN TRENCH MEASURED FOR PAYMENT SHALL BE COMPUTED ON THE FOLLOWING BASIS; STORM DRAINS INSTALLED UNDER STREETS TO BE PAVED UNDER THIS CONTRACT WILL BE MEASURED FROM BOTTOM OF PIPE TO NEW FINISH SUBGRADE OR TO EXISTING GRADE WHICHEVER IS LOWER AS SHOWN ON THE DRAWINGS.
18. NEW WATER MAINS SHALL HAVE A MINIMUM COVER OF 36" EXCEPT WHERE SHOWN OTHERWISE ON THE PLANS OR APPROVED BY THE ENGINEER.
19. REMOVE ALL VALVE BOXES FROM ABANDONED WATER LINES. PAYMENT WILL BE SUBSIDIARY TO THE PAVING COST.
20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING DROP INLETS TO CLEAR DRIVE PADS AS APPROVED BY THE ENGINEER.
21. ALL ABANDONED VALVE AND METER BOX FRAMES AND COVERS SHALL BE RETURNED TO THE CITY WATER DIVISION WAREHOUSE AND ALL STORM AND SANITARY MANHOLE LIDS AND INLET GRATES, CASTINGS, AND FRAMES NOT TO BE REUSED, SHALL BE RETURNED TO THE LIQUID WASTE DIVISION WAREHOUSE.
22. FIRE HYDRANTS IN GOOD CONDITION, AS APPROVED BY THE ENGINEER, SHALL BE RELOCATED TO POSITION SHOWN OR USED IN LOCATIONS CALLING FOR NEW FIRE HYDRANTS ON PLANS. ALL OTHER FIRE HYDRANTS WHICH ARE TO BE REMOVED, SHALL BE DELIVERED TO THE CITY WATER DIVISION WAREHOUSE.
23. THE MAXIMUM ALLOWABLE QUANTITIES FOR PAYMENT FOR REPLACEMENT OF PAVEMENT WHERE WATER, SANITARY SEWER, AND STORM SEWER ARE TO BE INSTALLED UNDER EXISTING PAVEMENT WILL BE COMPUTED BY USING TRENCH WIDTHS TABULATED IN THE SPECIFICATIONS PLUS 24" UNLESS OTHERWISE DIRECTED BY THE ENGINEER.(SEE PAVEMENT CUT DETAILS)
24. DURING THE CONSTRUCTION PERIOD THE UTMOST CARE SHALL BE TAKEN TO SEE THAT THE INSIDE OF PIPE, FITTINGS AND VALVES ARE FREE OF ALL FOREIGN MATTER SUCH AS DIRT, ROCKS, STICKS, ETC. AND SHALL BE KEPT CLEAN IN ACCORDANCE WITH THE SPECIFICATIONS.
25. WHEN THE ENTIRE PIPELINE OR CERTAIN SELECTED SECTIONS THEREOF HAVE BEEN COMPLETED, TESTED AND MADE READY FOR TURING OVER TO THE OWNER, READY FOR USE, THE LINE MUST BE THOROUGHLY STERILIZED IN ACCORDANCE WITH THE SPECIFICATIONS.
26. POLICY ON PROXIMITY OF WATER AND SEWERLINES; WHENEVER POSSIBLE, IT IS DESIRABLE TO LAY PARALLEL WATER AND SEWERLINES AT LEAST TEN FEET (10') APART HORIZONTALLY, AND THE WATER LINE SHOULD BE AT HIGHER ELEVATION THAN THE SEWER. IF THIS IS NOT POSSIBLE SEPARATE TRENCHES WILL BE REQUIRED IN ALL CASES (THIS SHALL BE EFFECTIVE EVEN THOUGH ONE LINE HAS BEEN INSTALLED PRIOR TO THE OTHERS), AND THE WATER LINE SHALL BE AT LEAST TWO FEET (2') ABOVE THE SEWER. WHEREVER WATER AND SEWER LINES CROSS EACH OTHER, THE WATER LINE SHALL BE AT LEAST THREE FEET (3') ABOVE THE SEWER; OTHERWISE, THE SEWER SHALL BE OF STEEL OR CAST IRON PIPE, OR EQUIVALENT, FOR TEN FEET (10') ON EACH SIDE OF THE WATER LINE.

LEGEND

EXISTING



NEW



DESCRIPTION

- CURB & GUTTER
WIRE MESH FENCE
BOARD FENCE
MASONRY WALL
FIRE ALARM
GUY WIRE
UTILITY POLE
POST OR POLE
SIGN
TRAFFIC SIGNAL CONTROL BOX
GAS LINE
FIRE HYDRANT
PARKING METER
SANITARY SEWER MANHOLE
STORM DRAIN MANHOLE
DROP INLET
WATER VALVE
WATER METER
WATER LINE
SANITARY SEWER LINE
STORM DRAIN LINE
SIDEWALK
END ASPHALT PAVEMENT

INDEX

DESCRIPTION

- TITLE SHEET
LEGEND & GENERAL NOTES
VICINITY MAP & SITE MAP
PLAN & PROFILE SHEETS - PAVING
PLAN & PROFILE SHEETS - SANITARY SEWER & WATER
PLAN & PROFILE SHEETS - STORM DRAINS
PAVING DETAILS
STREET PLAN & SECTIONS
WATER LINE DETAILS
WATER METER BOX INSTALLATION DETAILS
WATER VALVE BOX DETAILS
MANHOLE DETAILS
DROP INLET DETAILS
BOX INLET DETAIL - STA. 13+00 ROMA AVENUE
BOX INLET DETAIL - STA. 9+00 FRUIT AVENUE
RUNDOWN DETAIL - HIGH & FRUIT
RUNDOWN DETAIL - HIGH & ROMA
RUNDOWN DETAIL - WALTER & ROMA
RETAINING WALL DETAILS - HIGH STREET
SANITARY SEWER DETAILS
MISCELLANEOUS DETAILS
STREET LIGHTING

SHEET NO

- 1
2
3
4 - 11
12 - 17
18 - 24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
101

INDEX OF STREETS

STREET	PAVING	SAN. SEWER & WATER	STORM DRAIN
ARNO	4	12	18
EDITH	5	13	19
WALTER	6	21	21
HIGH	7	-	-
FRUIT	8	14	20-21
ROMA	9	15	22
MARQUETTE	10	16	23
CUL-DE-SACS	11	17	-
LOMAS	-	-	24
BROADWAY	10	-	-

AS BUILT

SCANNED BY
BY LASON

MARTINEZTOWN PAVING CONTRACT

LEGEND & GENERAL NOTES

PROJECT NO. N.M. A-1-1

URBAN DEVELOPMENT		AGENCY OF ALBUQUERQUE	
albuquerque	bernalillo	county	new mexico
DATE	JOB NO	SCALE	DRAWN: P.R.
10-72	72-52	NO SCALE	CHK'D: R.L.
			SHEET 2
			OF 39

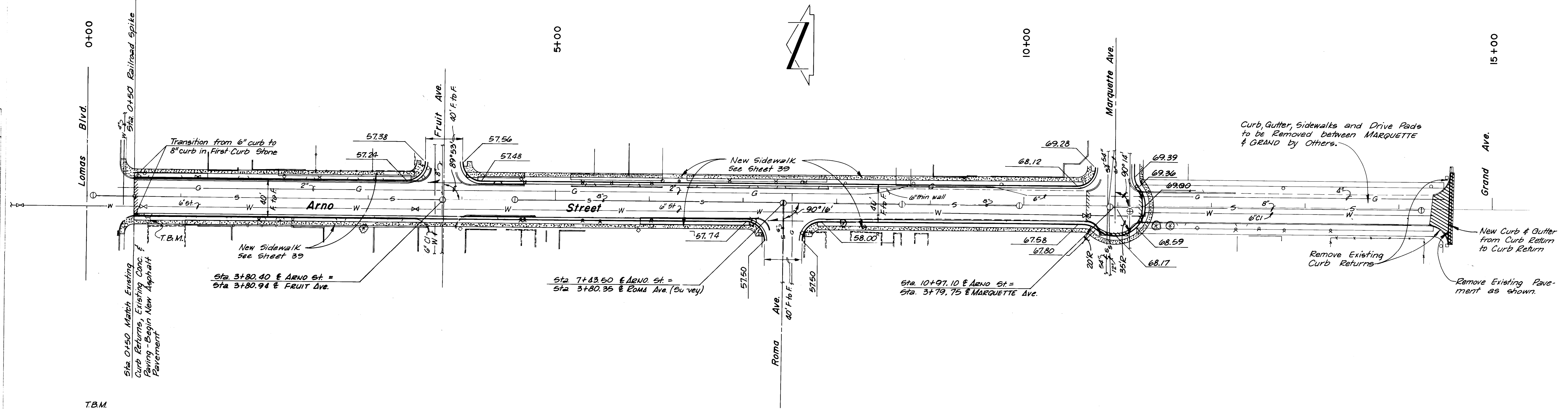
Scanlon & associates, inc.
albuquerque Consulting Engineers santa fe



26 002 10274

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	NOTE BOOK	NO.

PROFILE	SURVEYED	DATE
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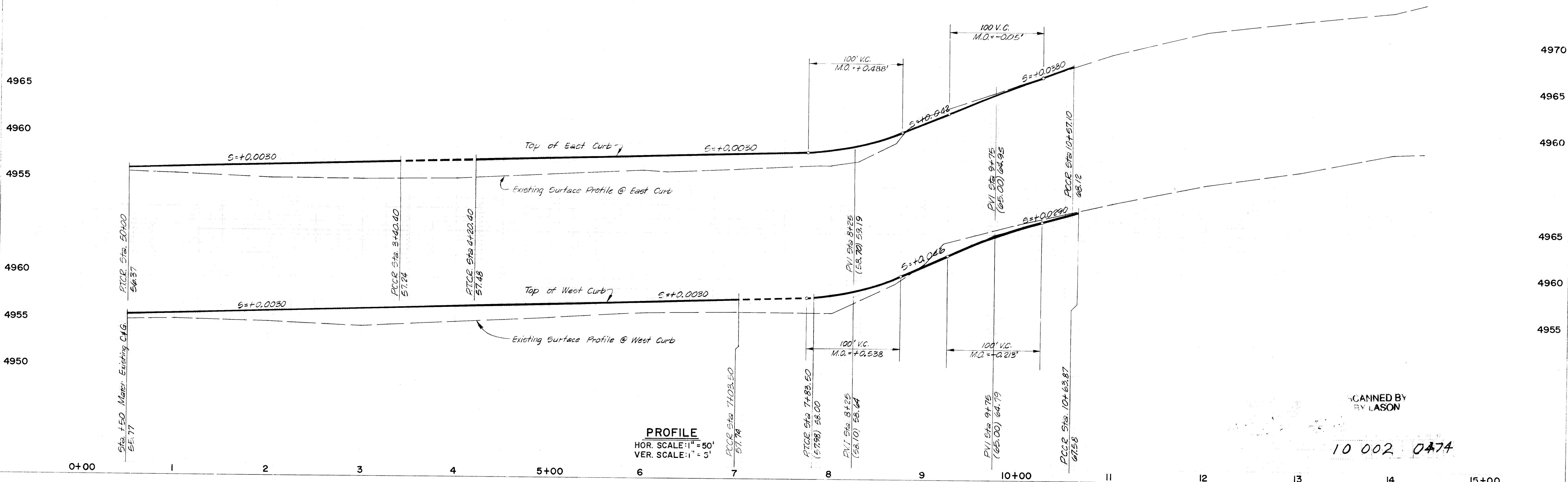


PLAN
SCALE: 1" = 50'

T.B.M.
Top Fire Hydrant Bolt Mark
4" on North Northwest Corner
ARNO & LOMAS 4958.26

NOTE:
Elevations shown in profile
are all top of 8" curb.

AS BUILT



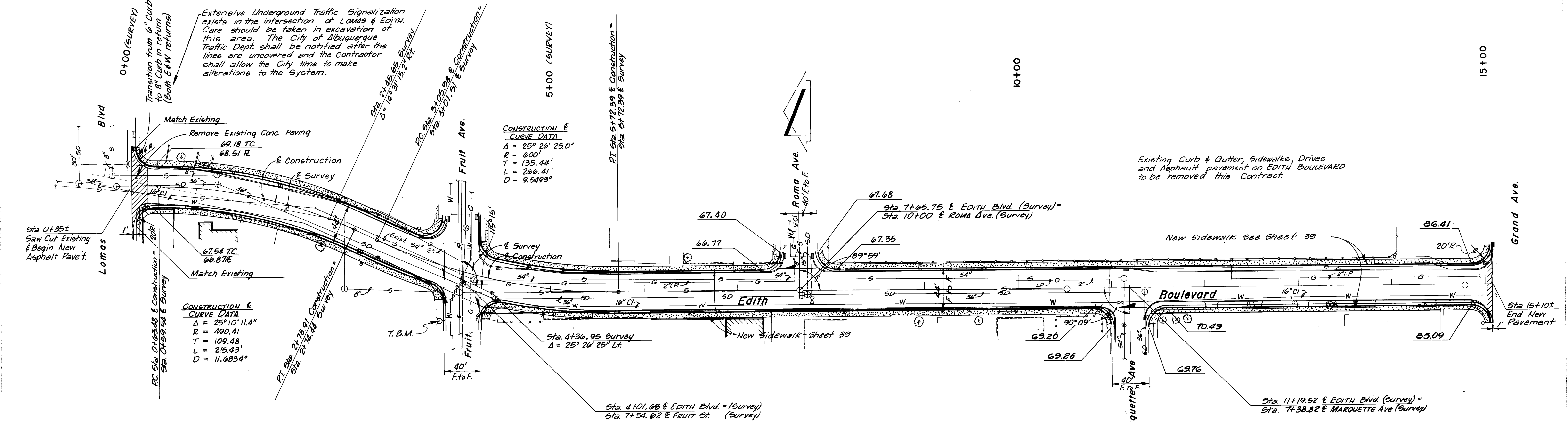
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VER. SCALE: 1" = 3'

SCANNED BY
BY LASON

10 002 0474

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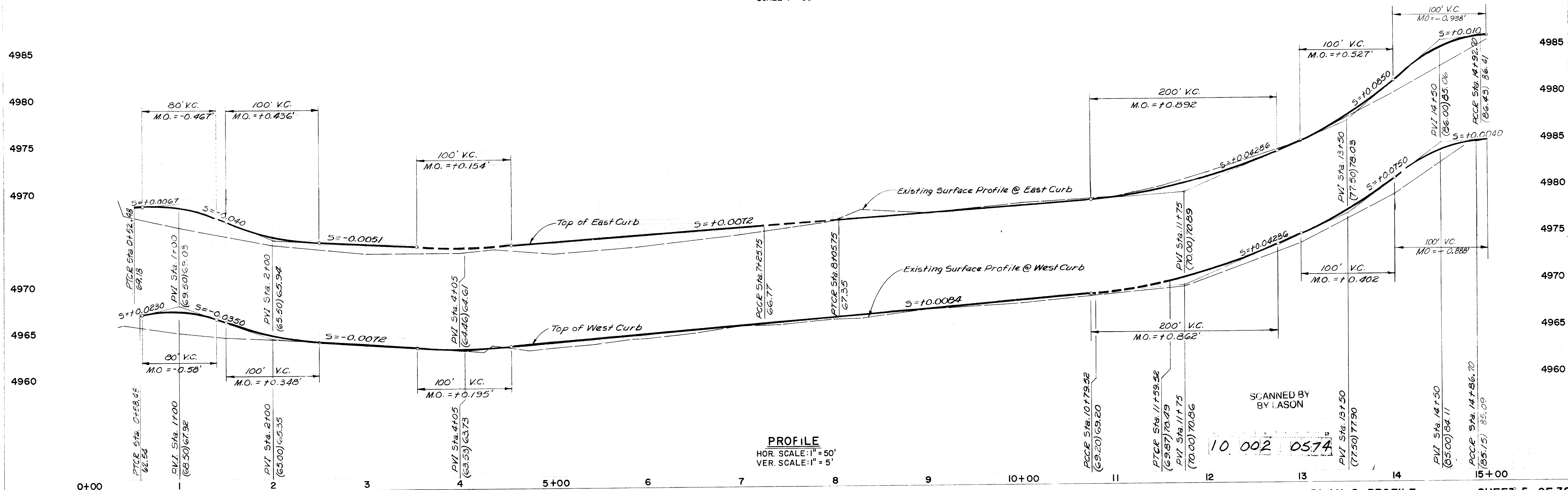
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NOTE BOOK					
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NOTE:
Existing curb & gutter, sidewalk & pavement on Edith Blvd between LOMAS and GRAND to be removed This Contract.

T.B.M. - Top Fire Hydrant Bolt
"X" on North-Northwest Corner
Edith & Fruit 4964.88

PLAN
SCALE: 1" = 50'

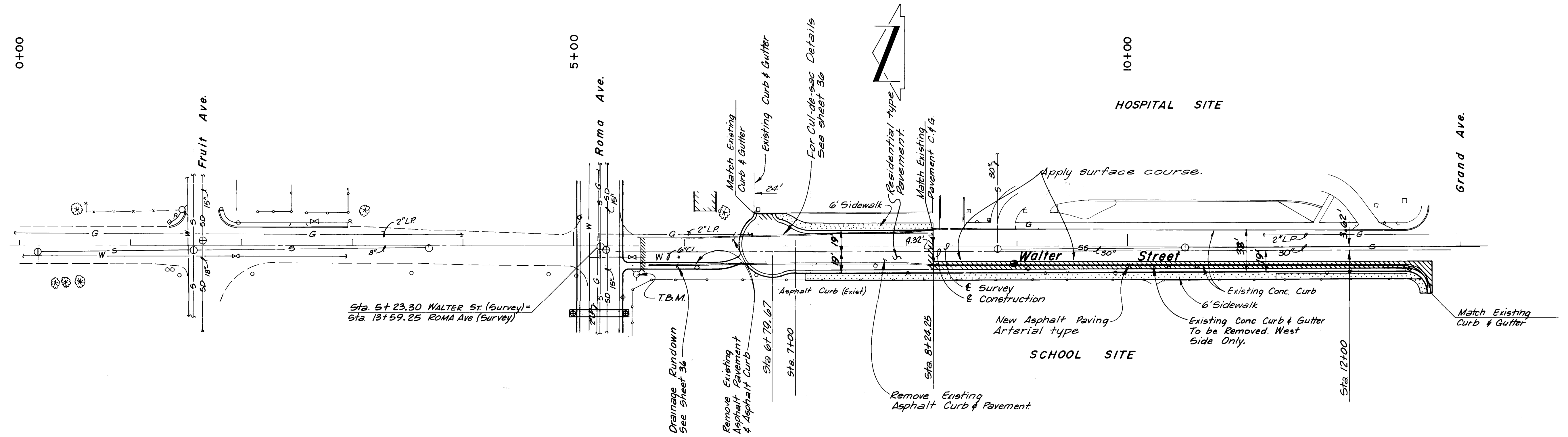


SCANNED BY
BY IASON

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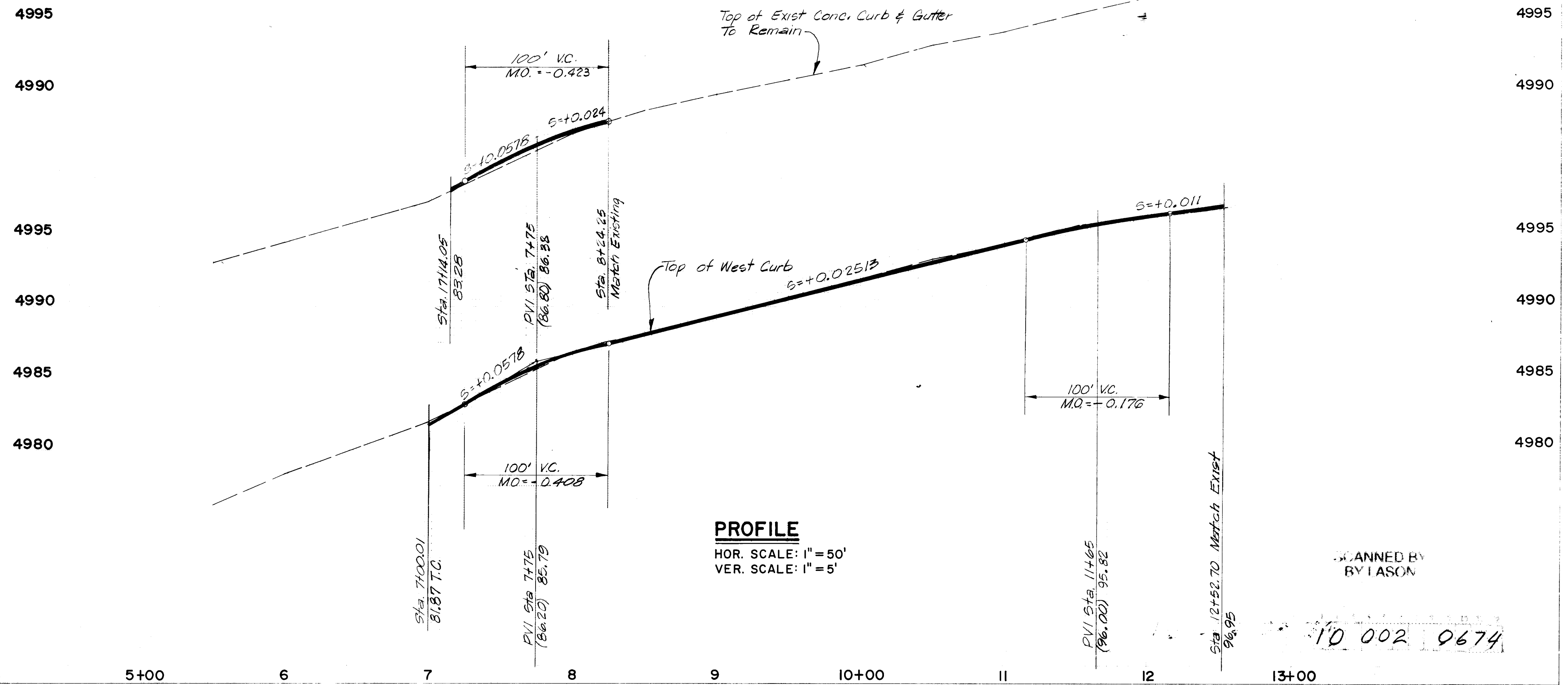
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PLAN
SCALE: 1" = 50'

T.B.M.
Top Fire Hydrant Bolt Mark "X"
on North Southwest Roma and
Walter Street 1979.15

AS BUILT
Revised June 20, 1973

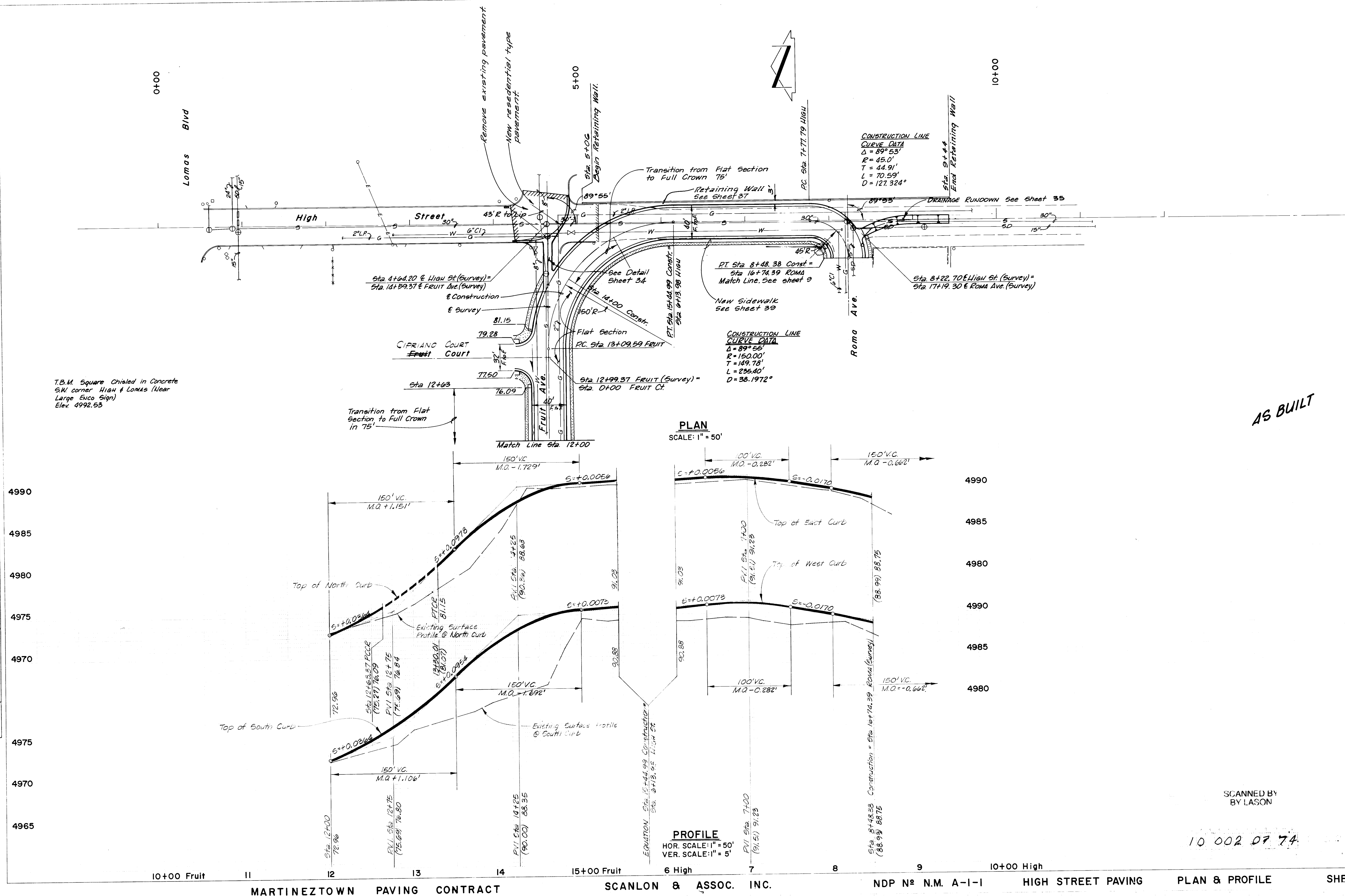


PROFILE
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VER. SCALE: 1" = 5'

SCANNED BY
BY IASON

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NOTE BOOK	GRADES CHECKED		BY	DATE
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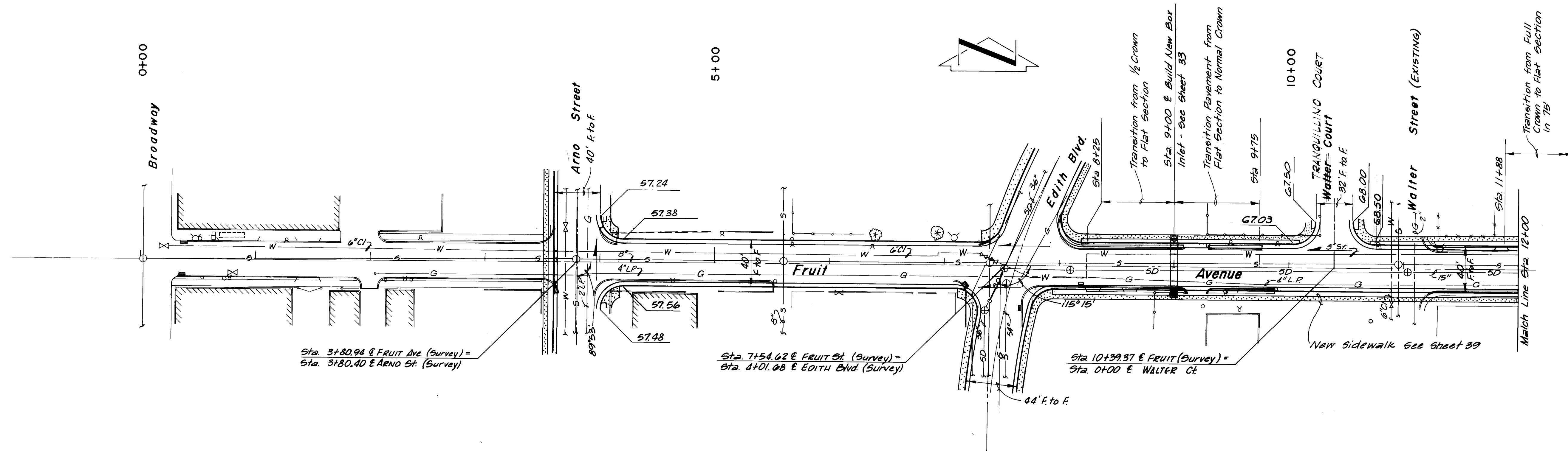
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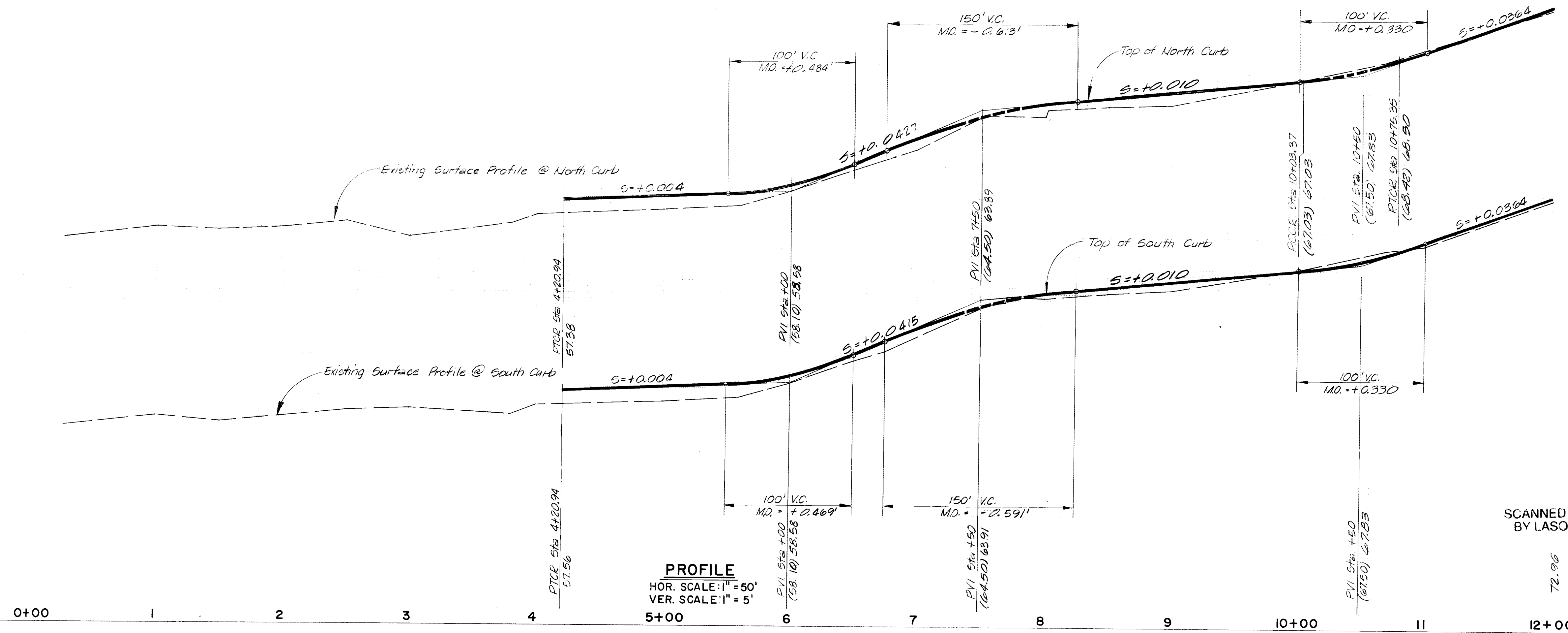
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T.B.M. "x" Mark on Concrete
West Edge of Sidewalk
Broadway & Fruit Street.
Elev. 4954.70



PLAN
SCALE: 1" = 50'

AS BUILT



PROFILE
HOR. SCALE: 1" = 50'
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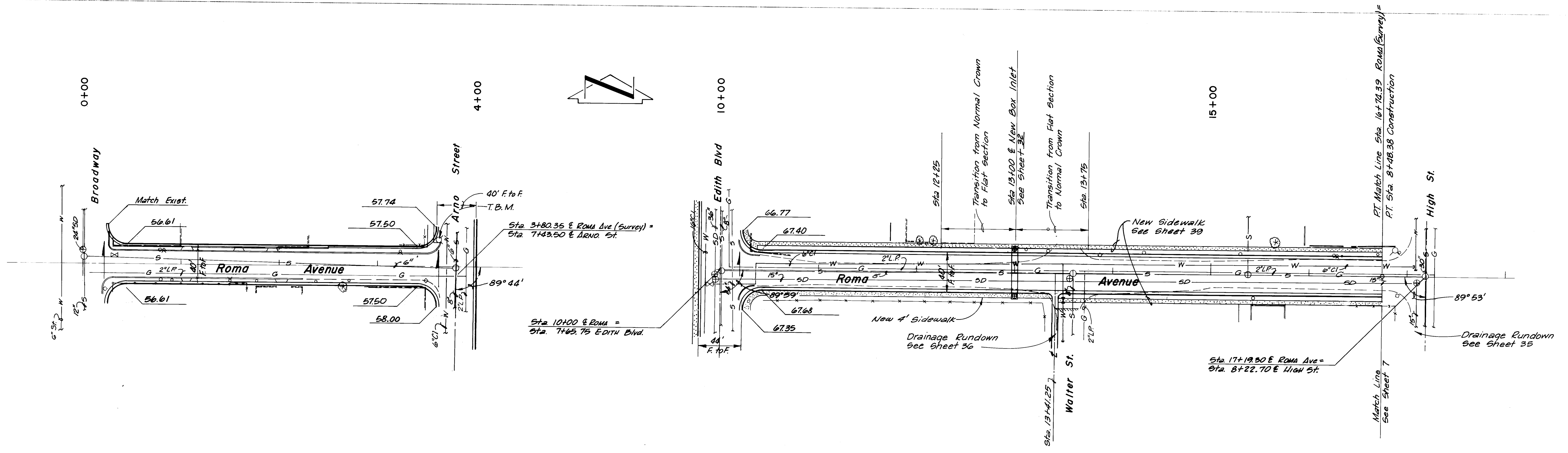
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BY LASON

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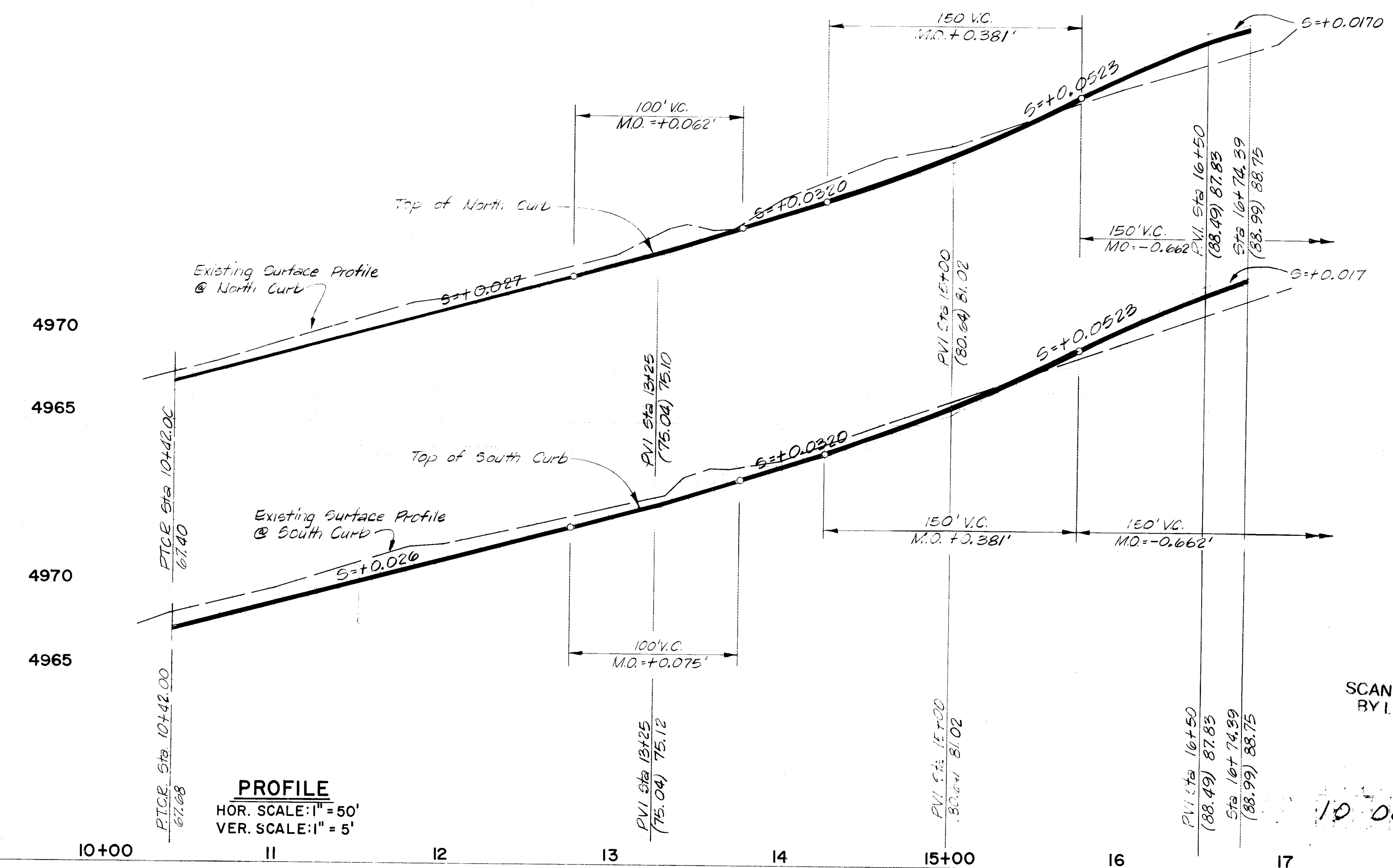
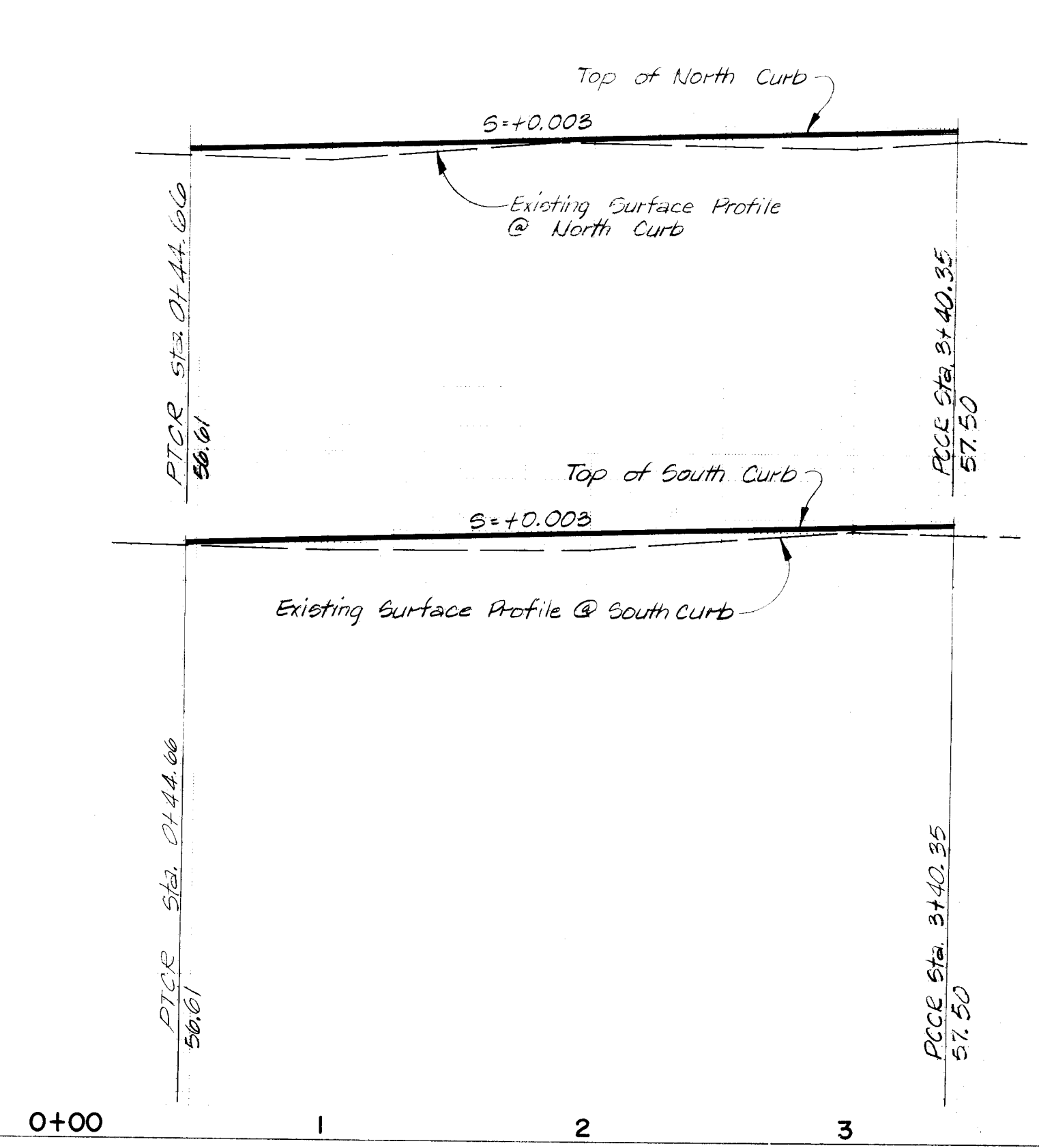
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 SURVEYED BY
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 CHECKED BY
 DATE
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PROFILE
 SURVEYED BY
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 CHECKED BY
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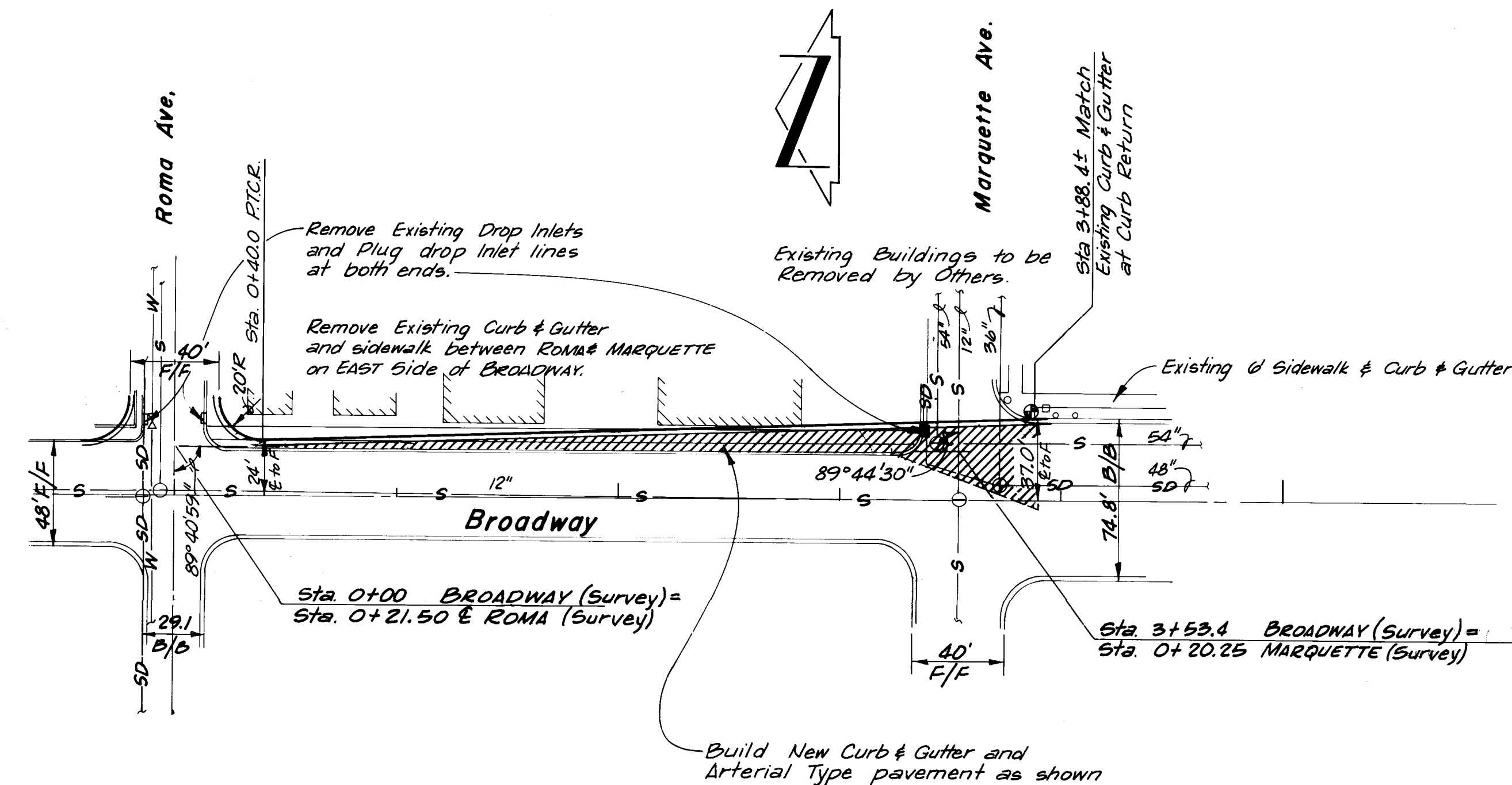
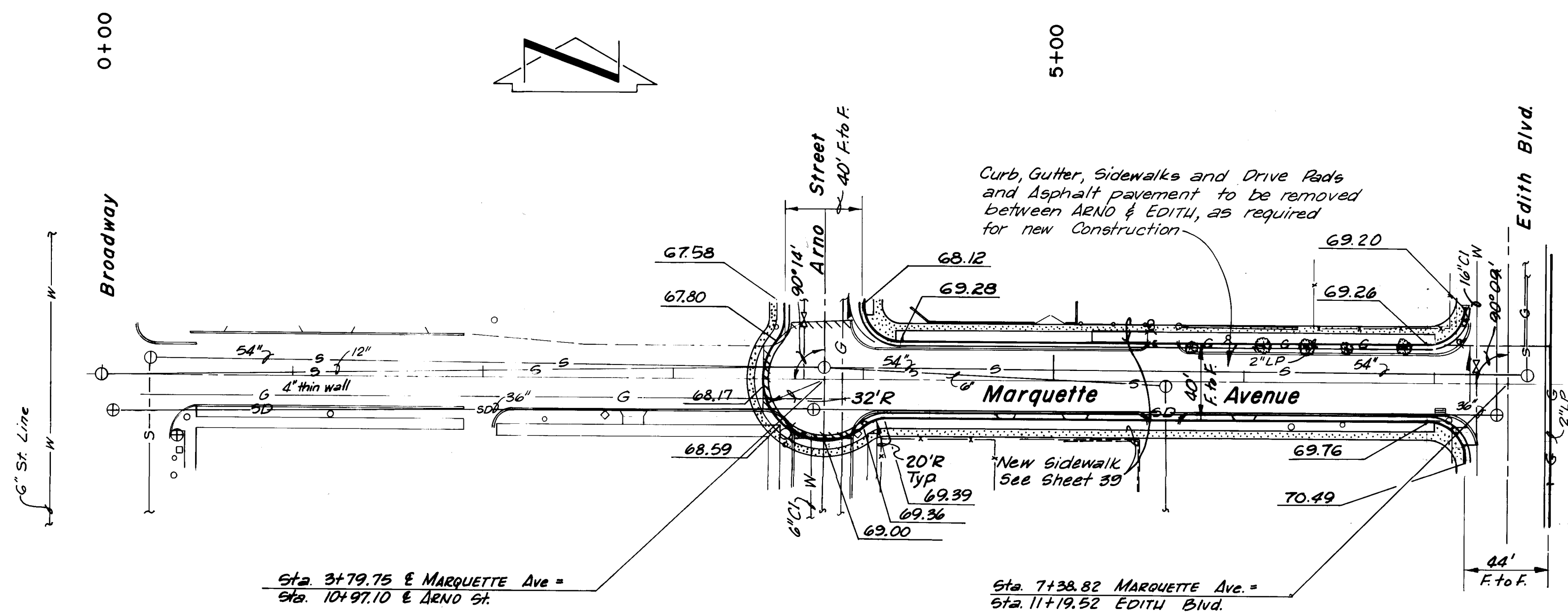
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AS BUILT

SCANNED BY
 RY LASON

10 002 0974

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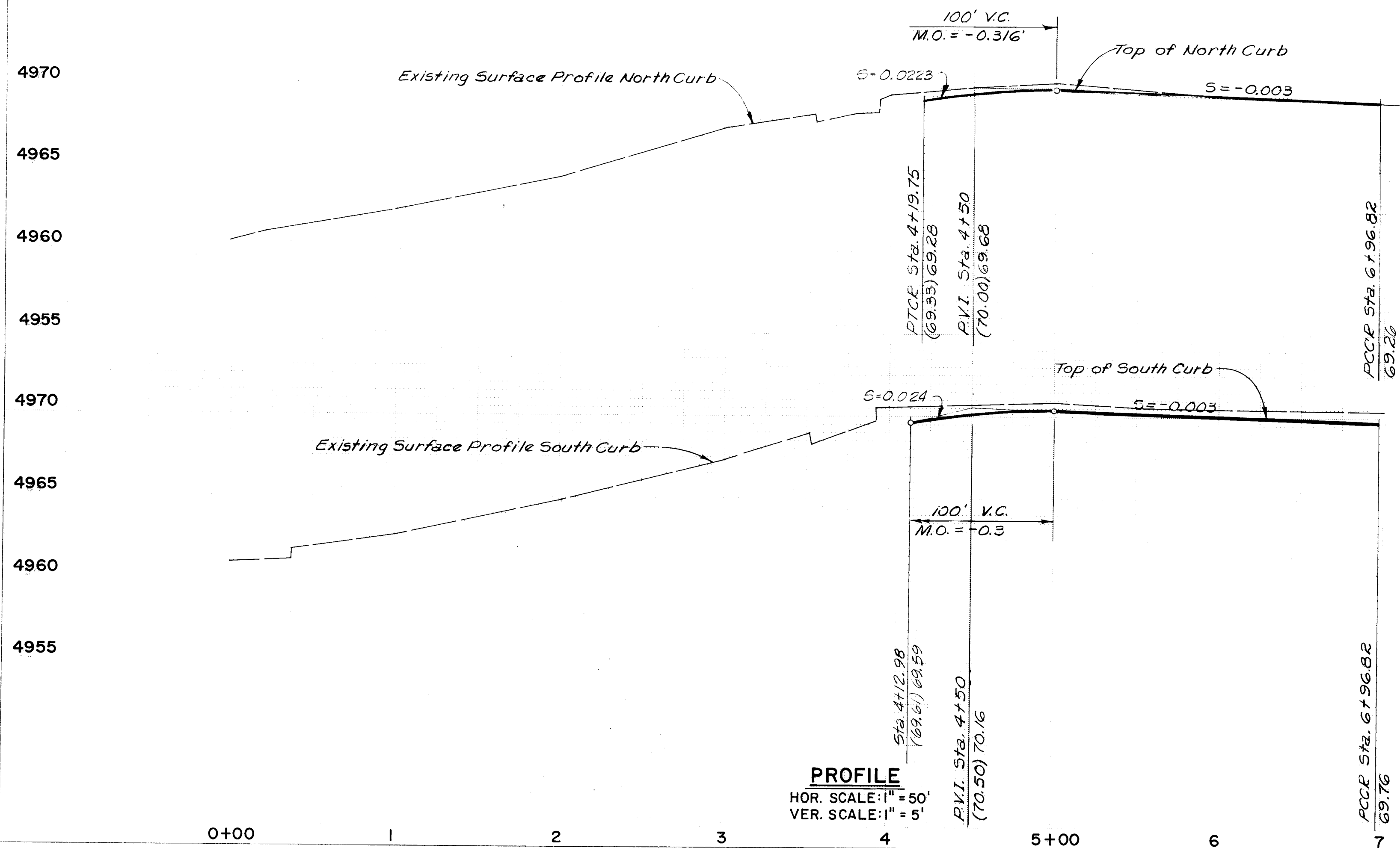


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AS BUILT

Brass Cap #7-K14
N.E. Corner of BROADWAY & MARQUETTE
Elev. 4961.64

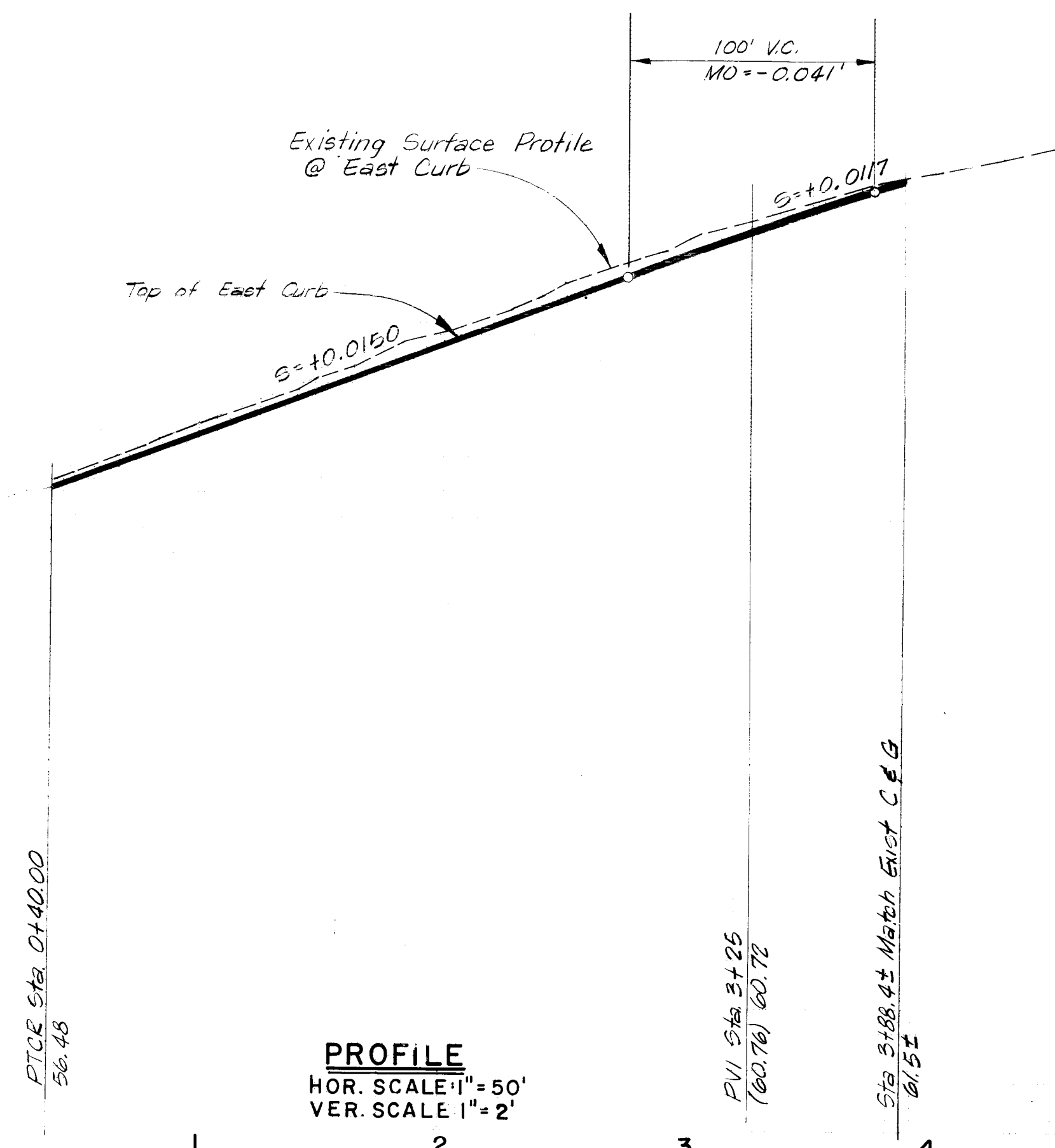
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SCALE: 1" = 50'



PROFILE
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VER. SCALE: 1" = 5'

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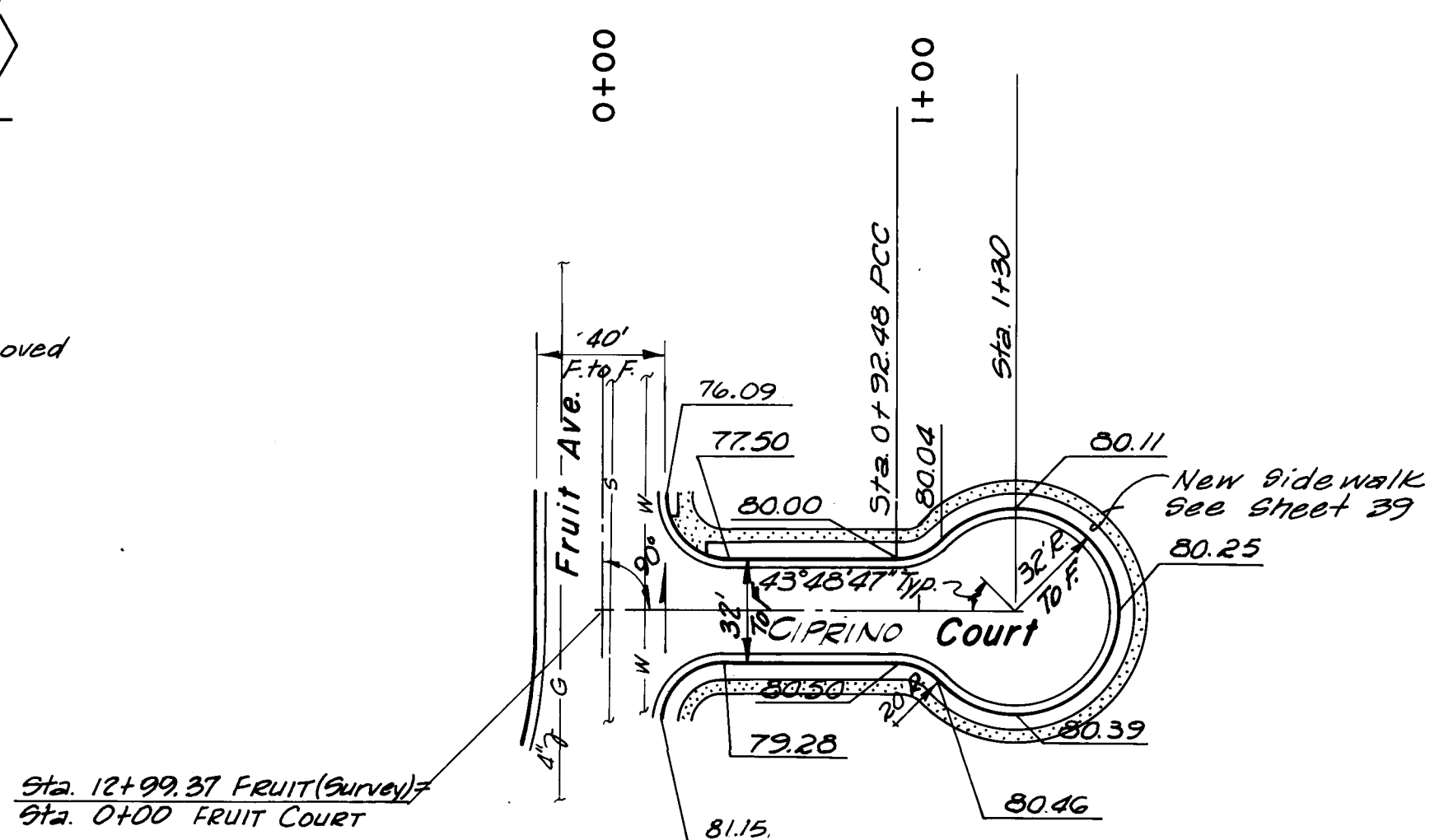


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SCANNED BY
BY LASON

10 002 1074

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	GRADES CHECKED _____		
	B M's NOTED _____		
STRUCTURE NOTATIONS CHWD _____			



4985

4980

4975

4985

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4975

4970

PROFILE

HOR. SCALE 1" = 50'

VER. SCALE 1" = 5'

Sta. 0+140 PTCP 77.50

Sta. 0+192.48 PCC 80.00

Sta. 0+140 PTCP 79.28

Sta. 0+192.48 PCC 80.50

Top of West Curb

Top of East Curb

Existing Surface Profile on West Curb

Existing Surface Profile on East Curb

0+00

100+00

2

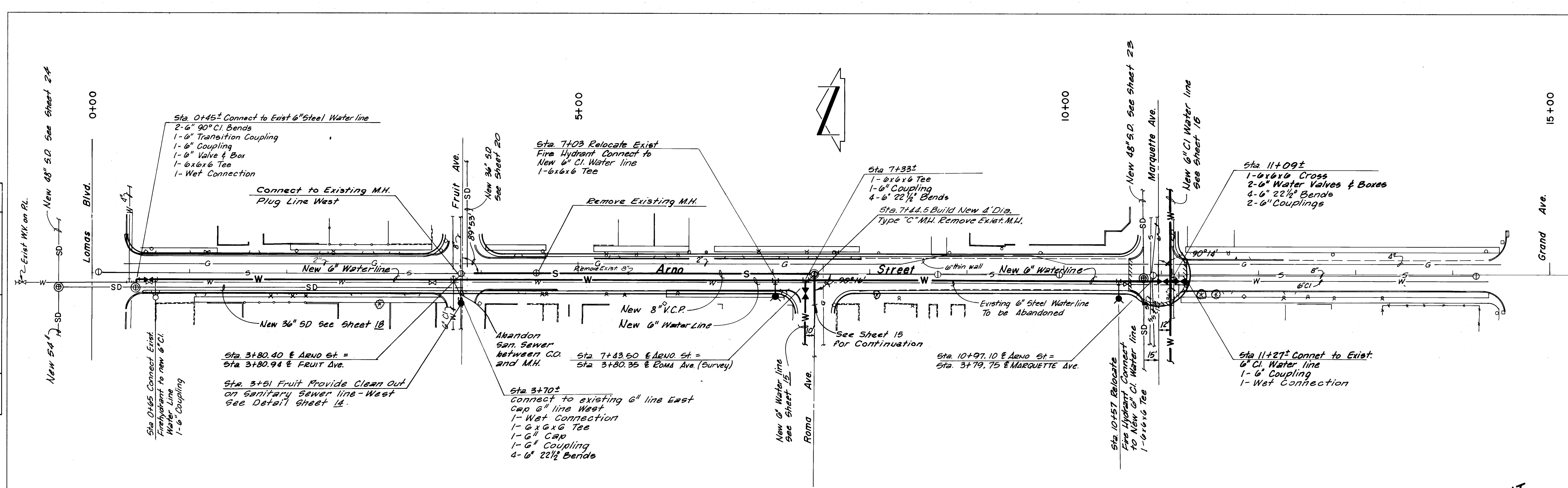
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SCANNED BY
BY LASON

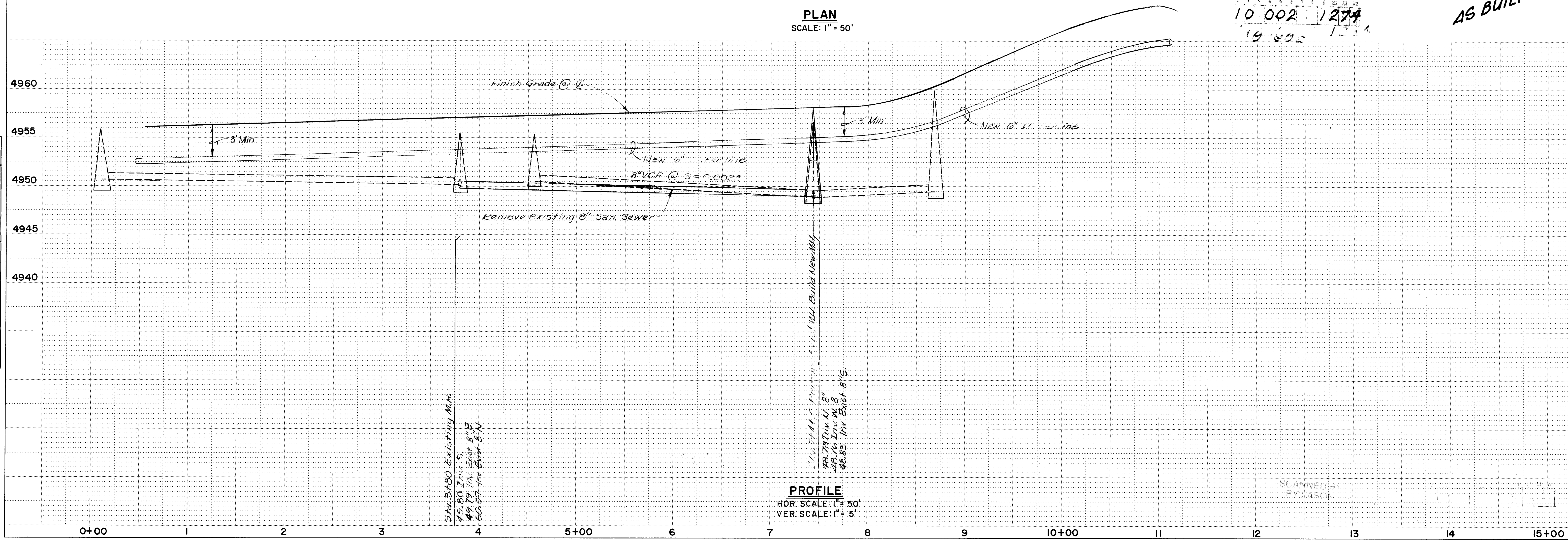
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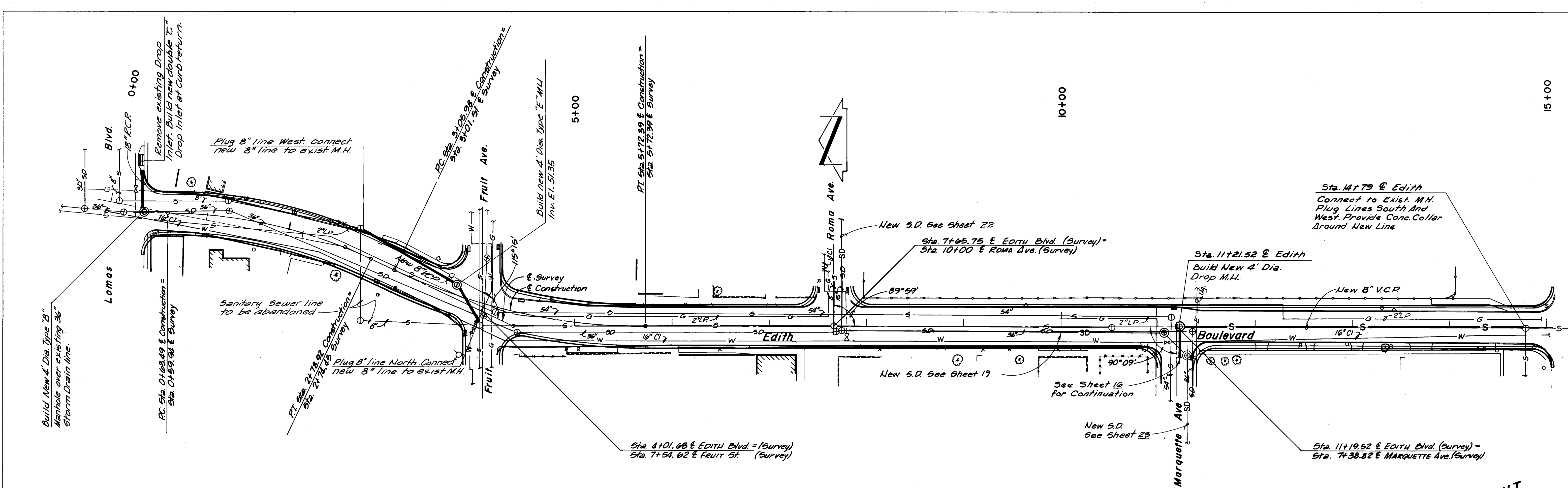
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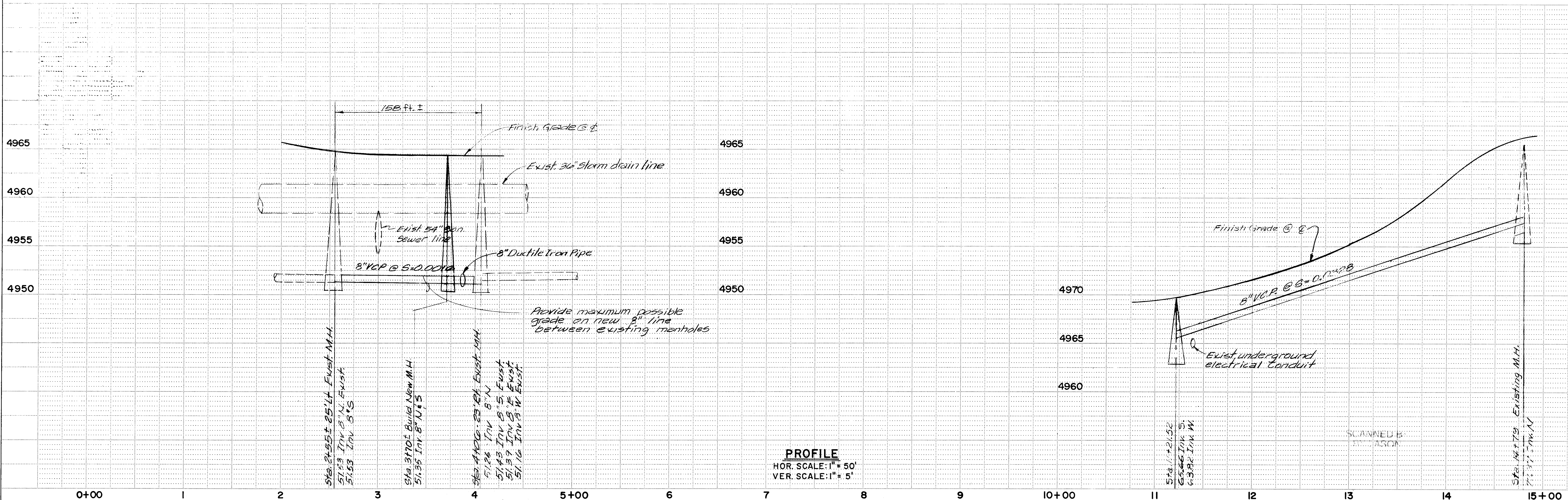
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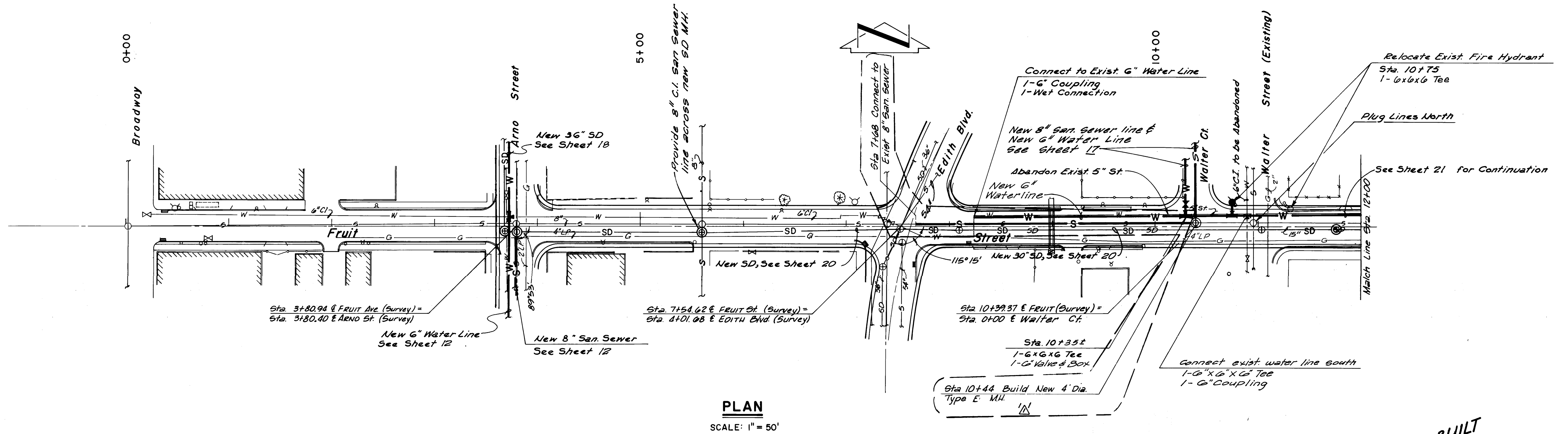


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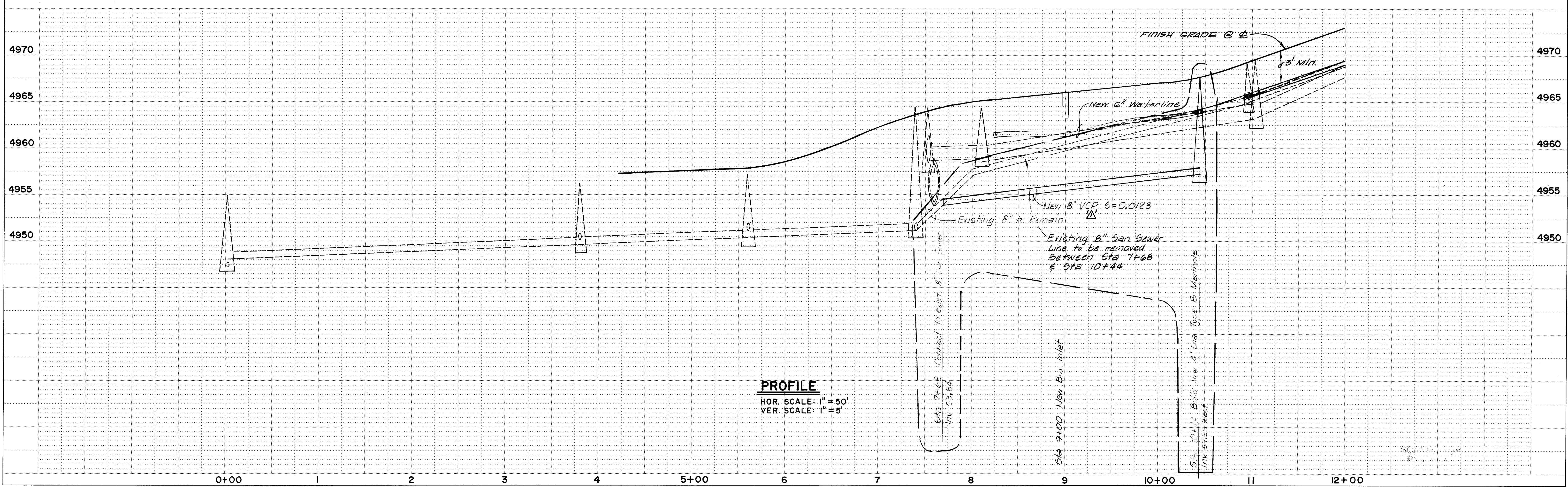


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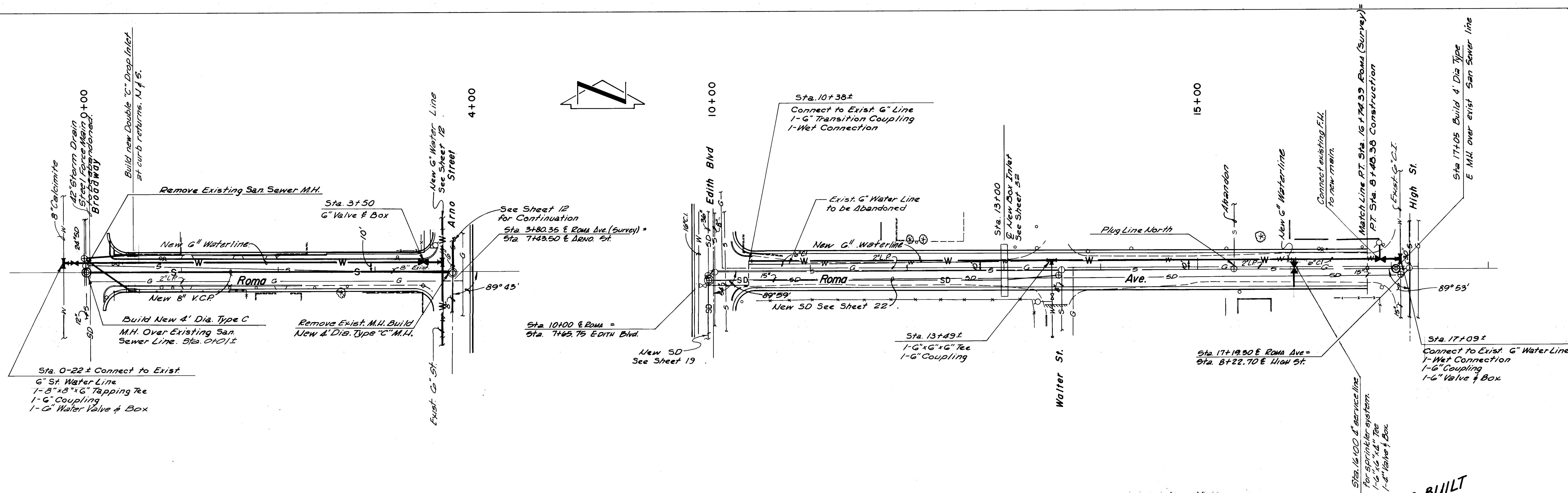
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Revised Sanitary Sewer
February 15, 1973

10 002 1474

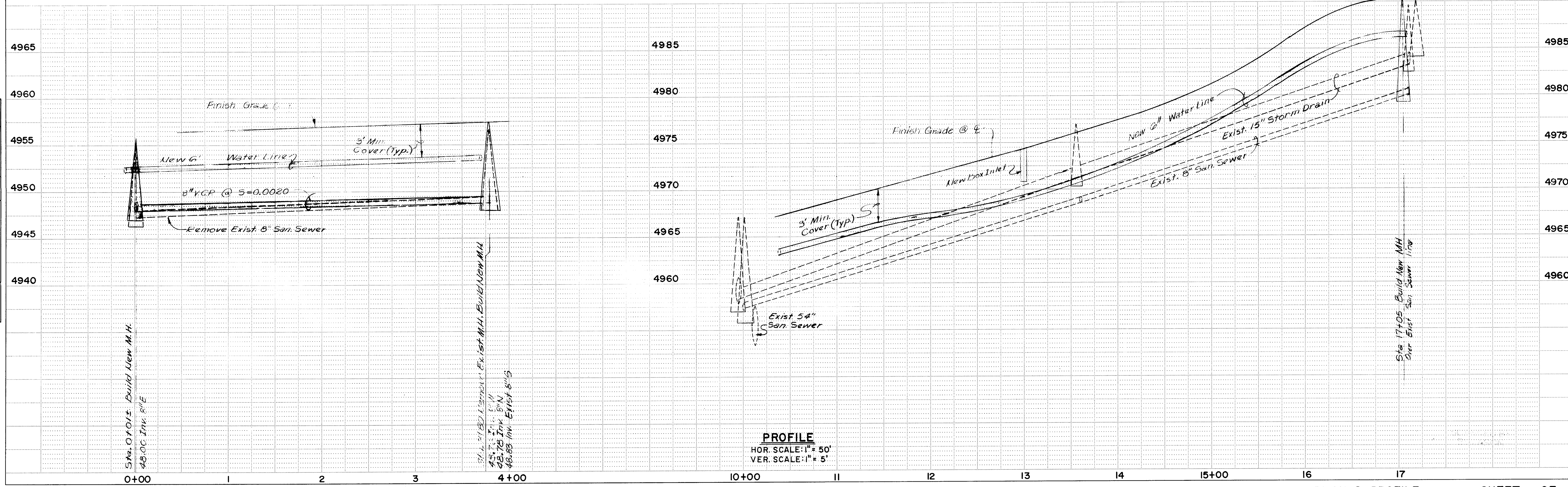
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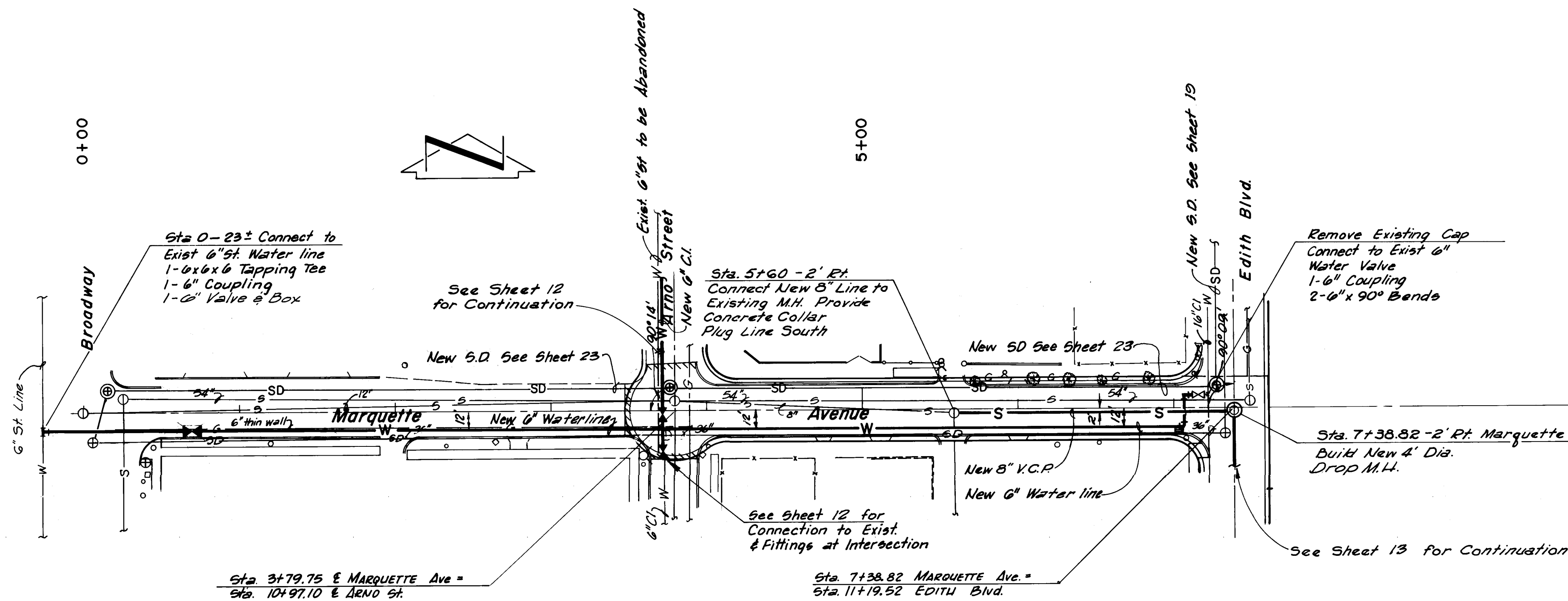
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AS BUILT



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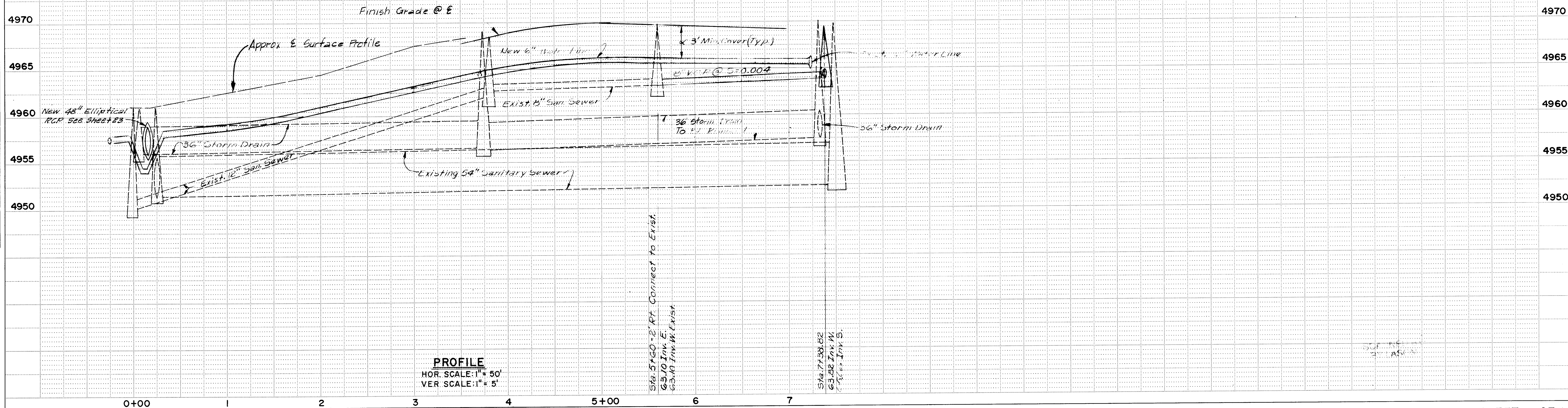
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PLAN
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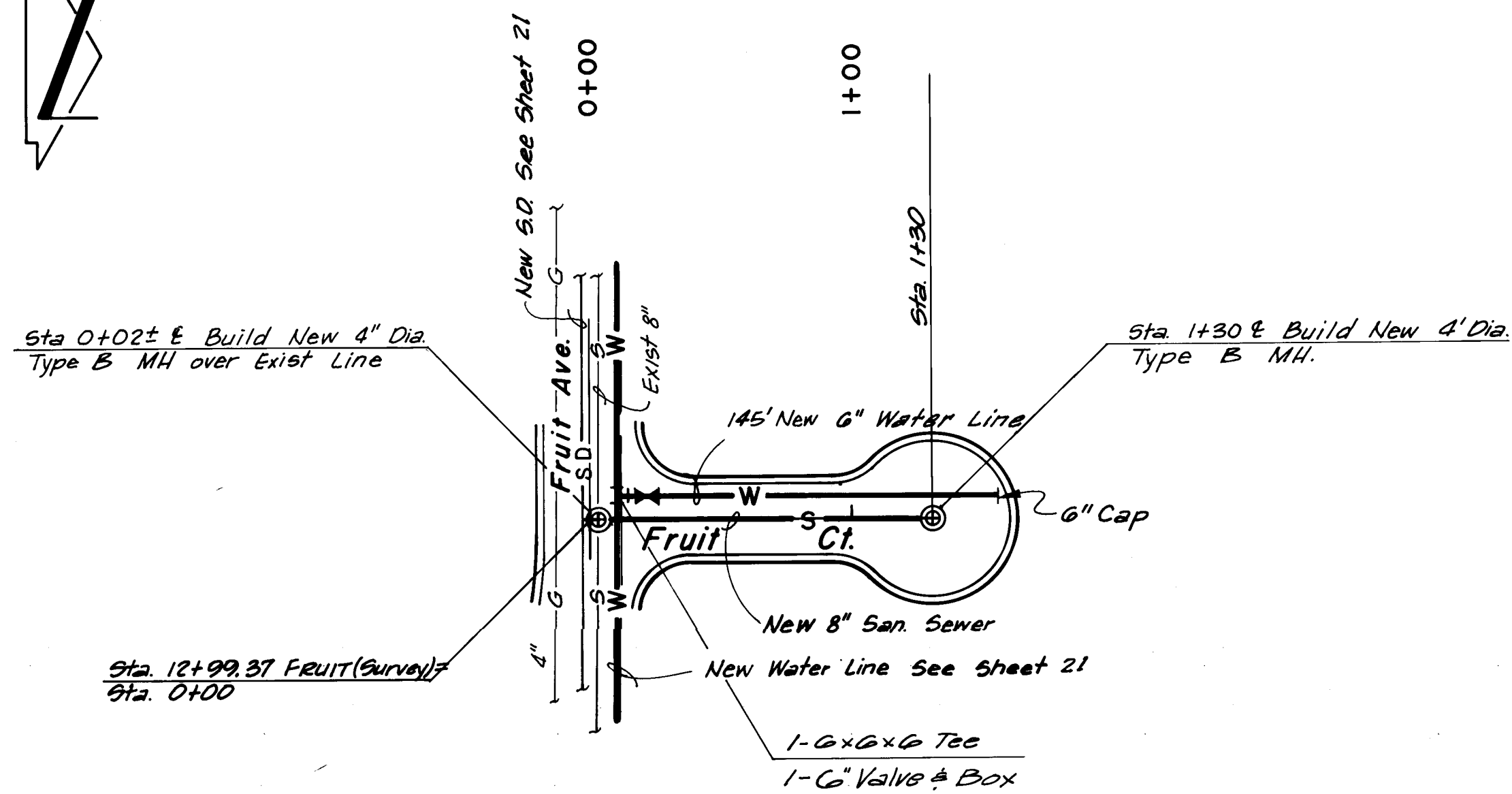
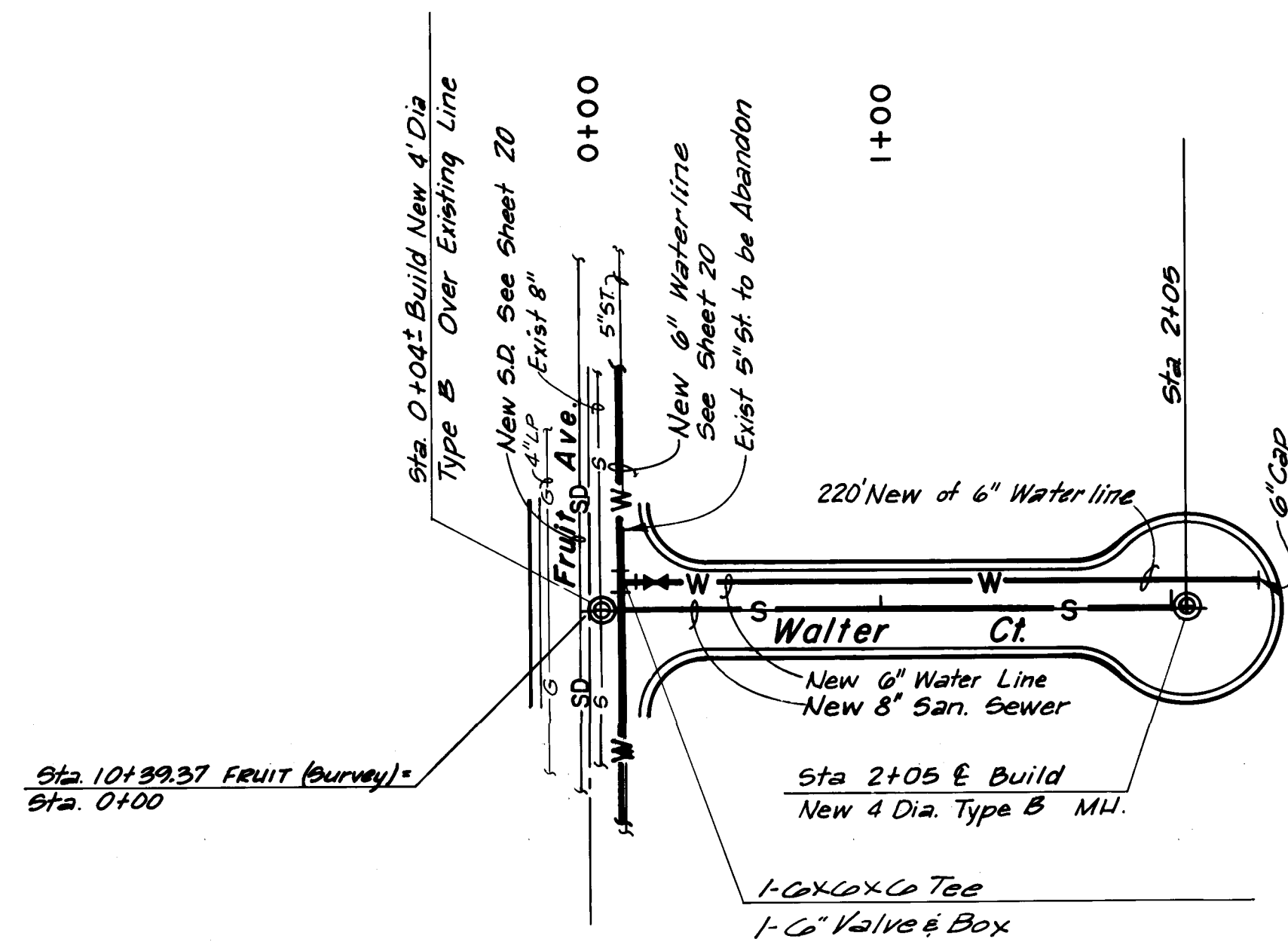
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NOTE BOOK NO.		



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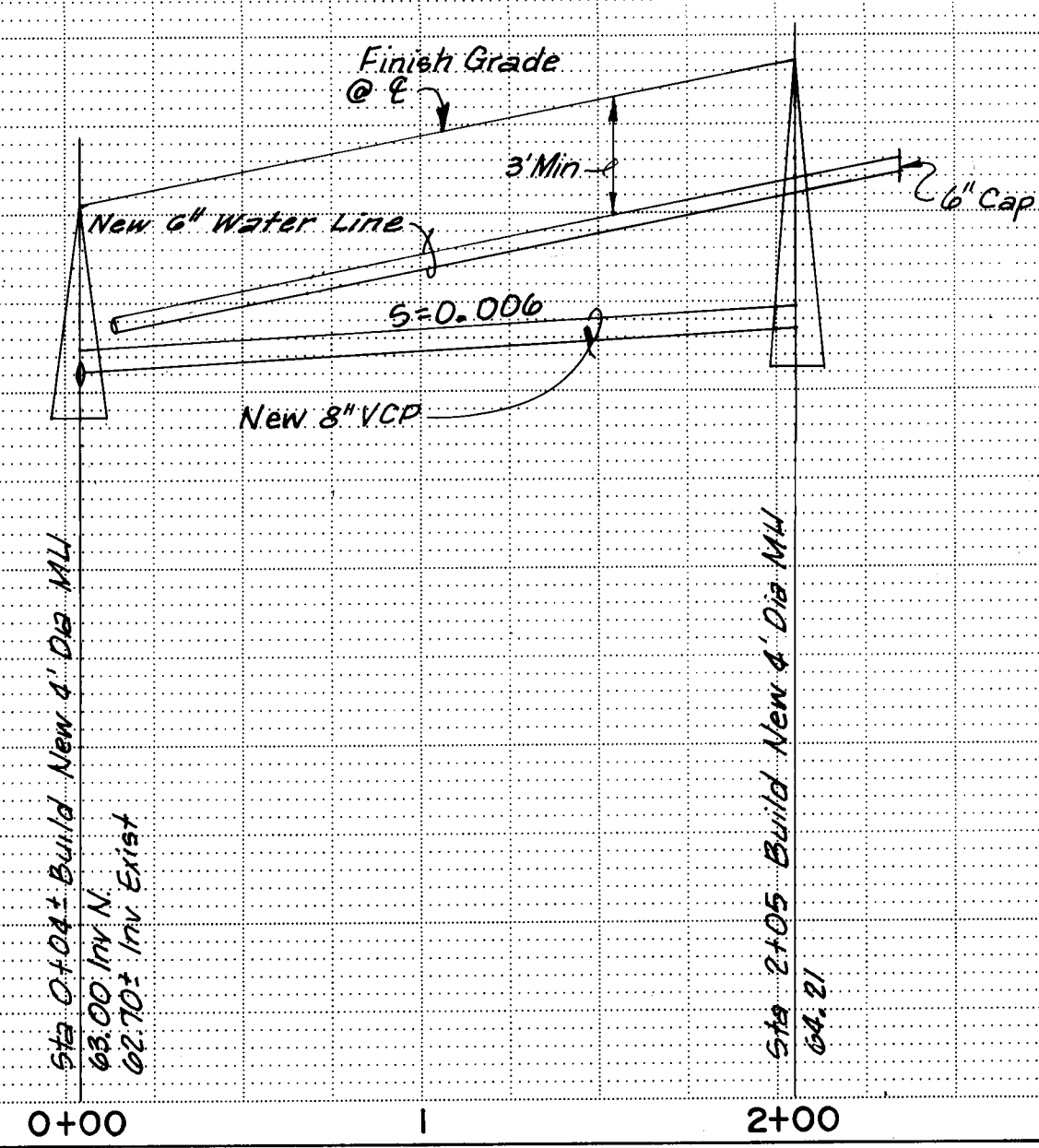
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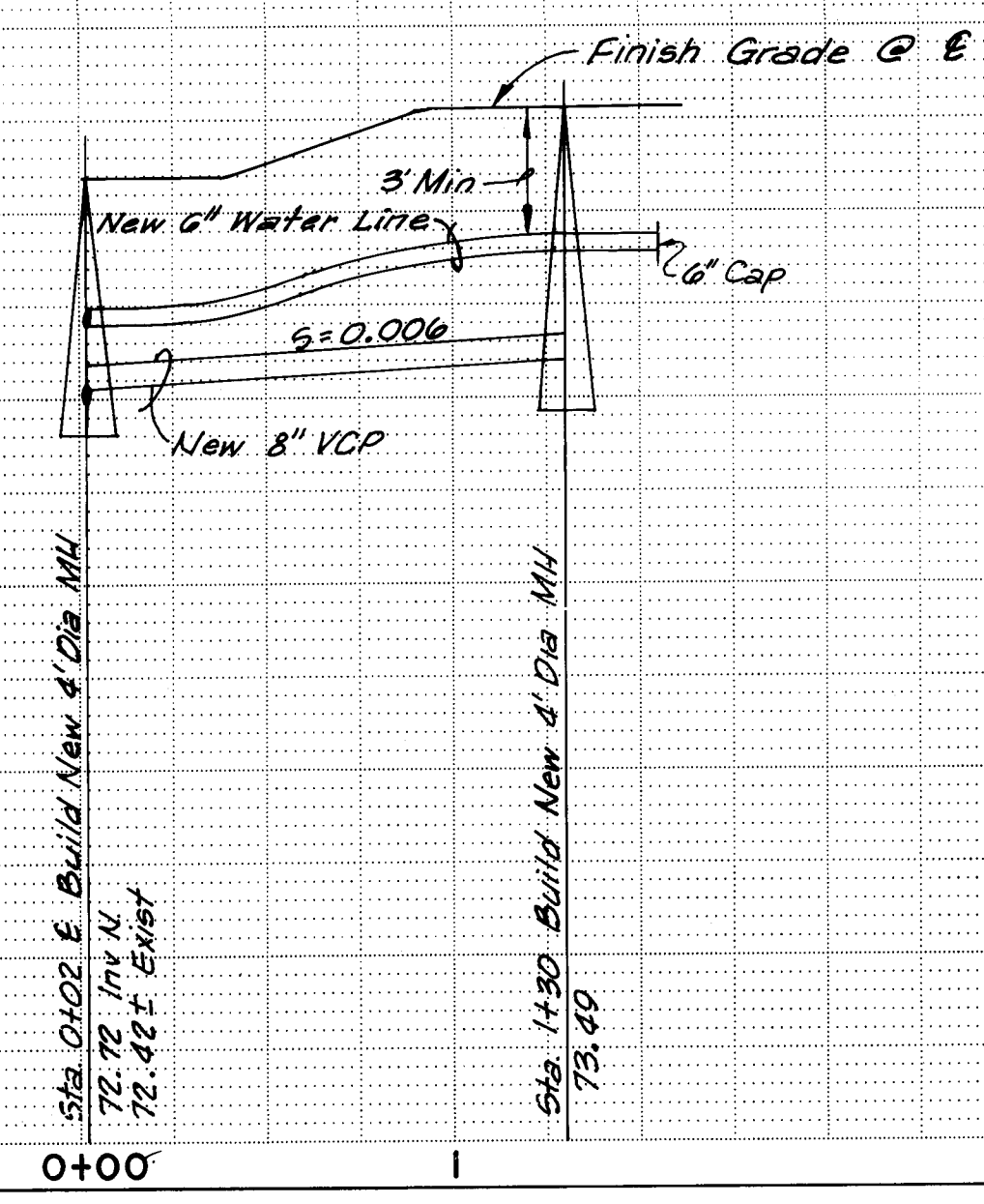
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10-2002-11774

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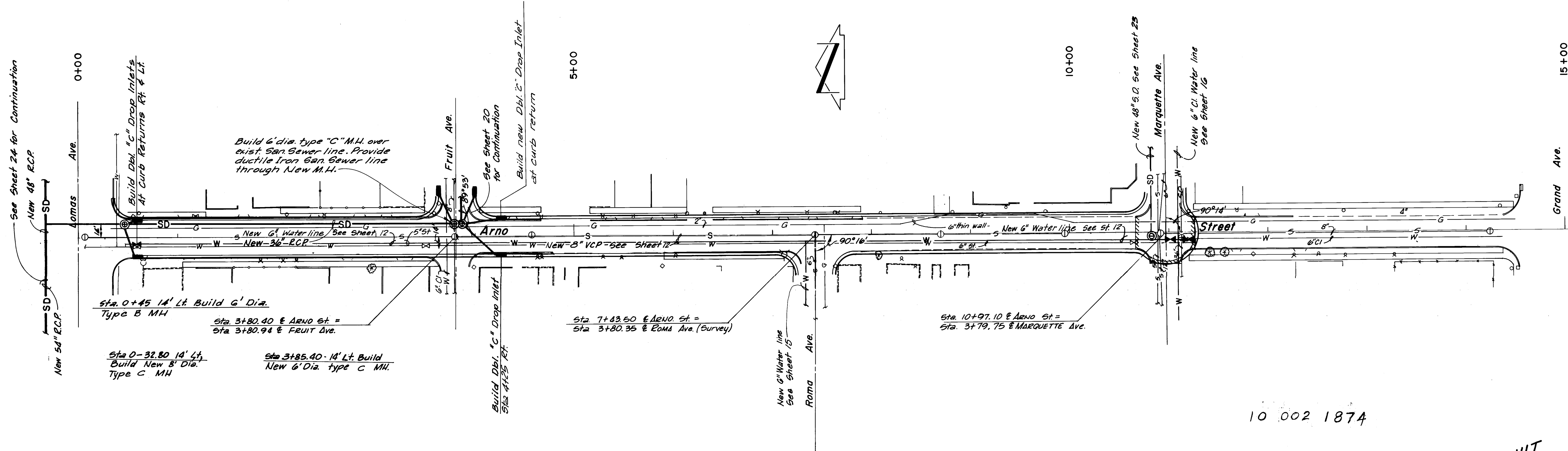


PROFILE
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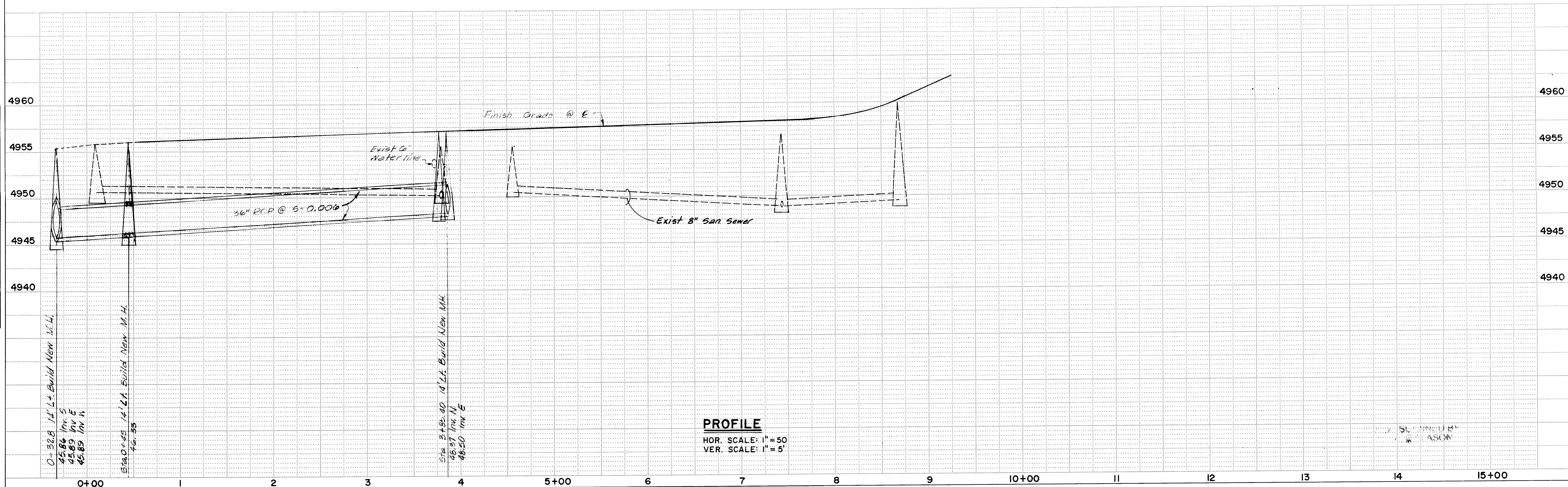


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10 002 1874

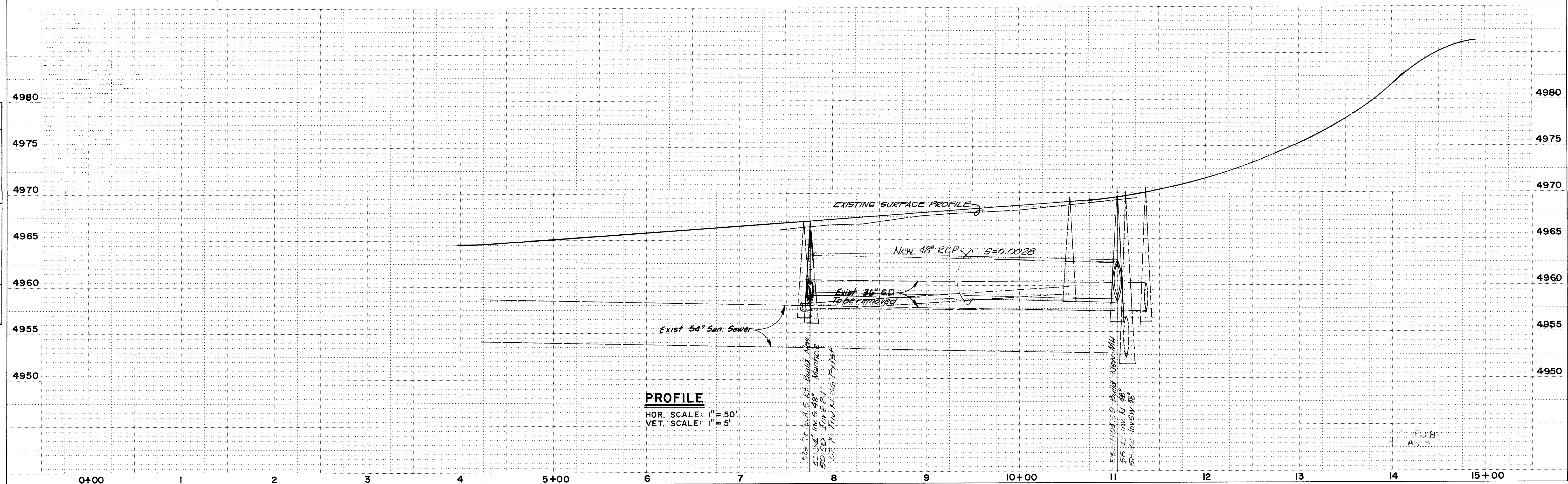
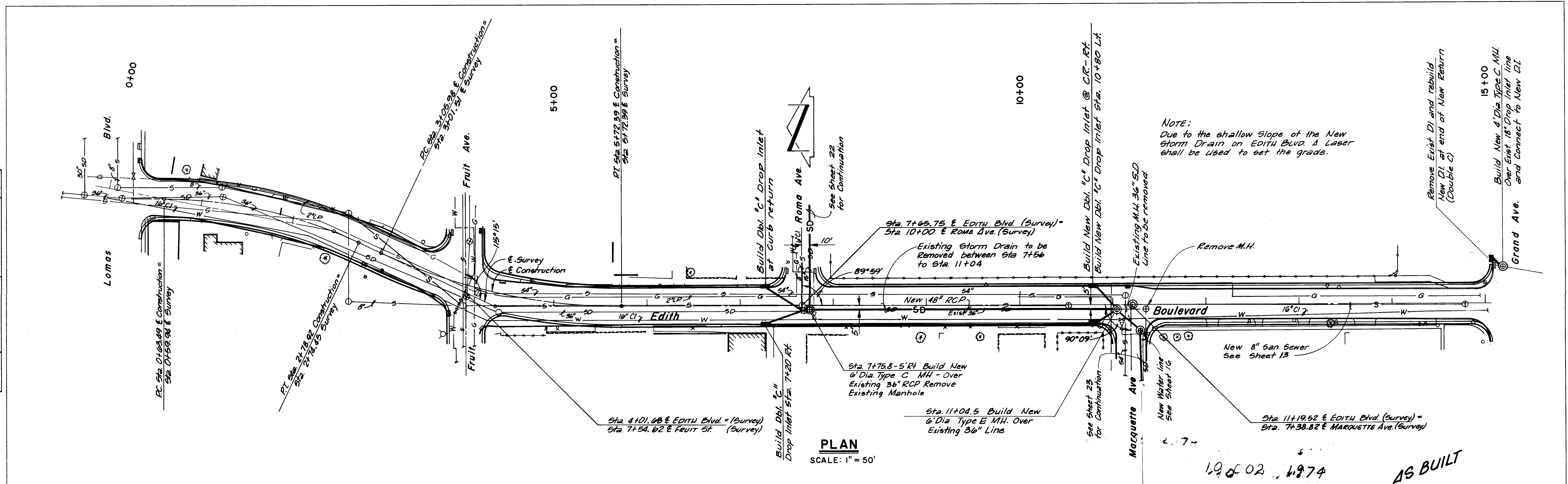
AS BUILT



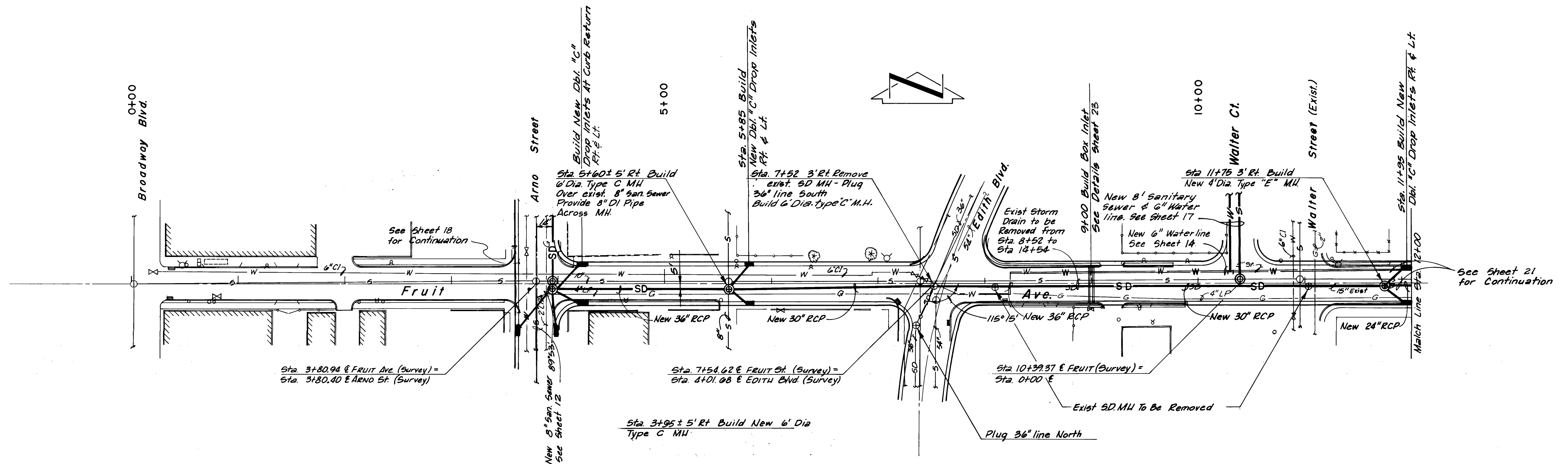
PROFILE
HOR. SCALE: 1" = 50'
VER. SCALE: 1" = 5'

PLAN	DATE
SUBMITTED	BY
NOTED	DATE
NO.	

PROFILE	DATE
SUBMITTED	BY
NOTED	DATE
NO.	



PLAN	DATE	BY
SURVEYED		
NOTE BOOK		
NO.		



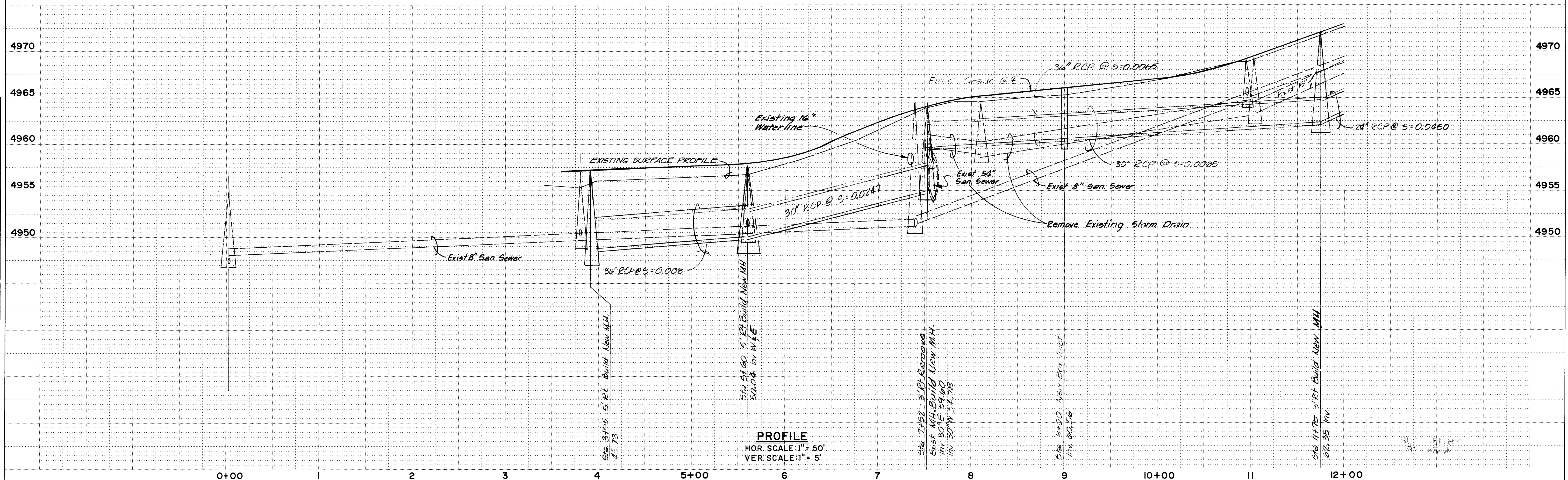
10 002 2074

10 002 2074

AS BUILT

PLAN
SCALE: 1" = 50'

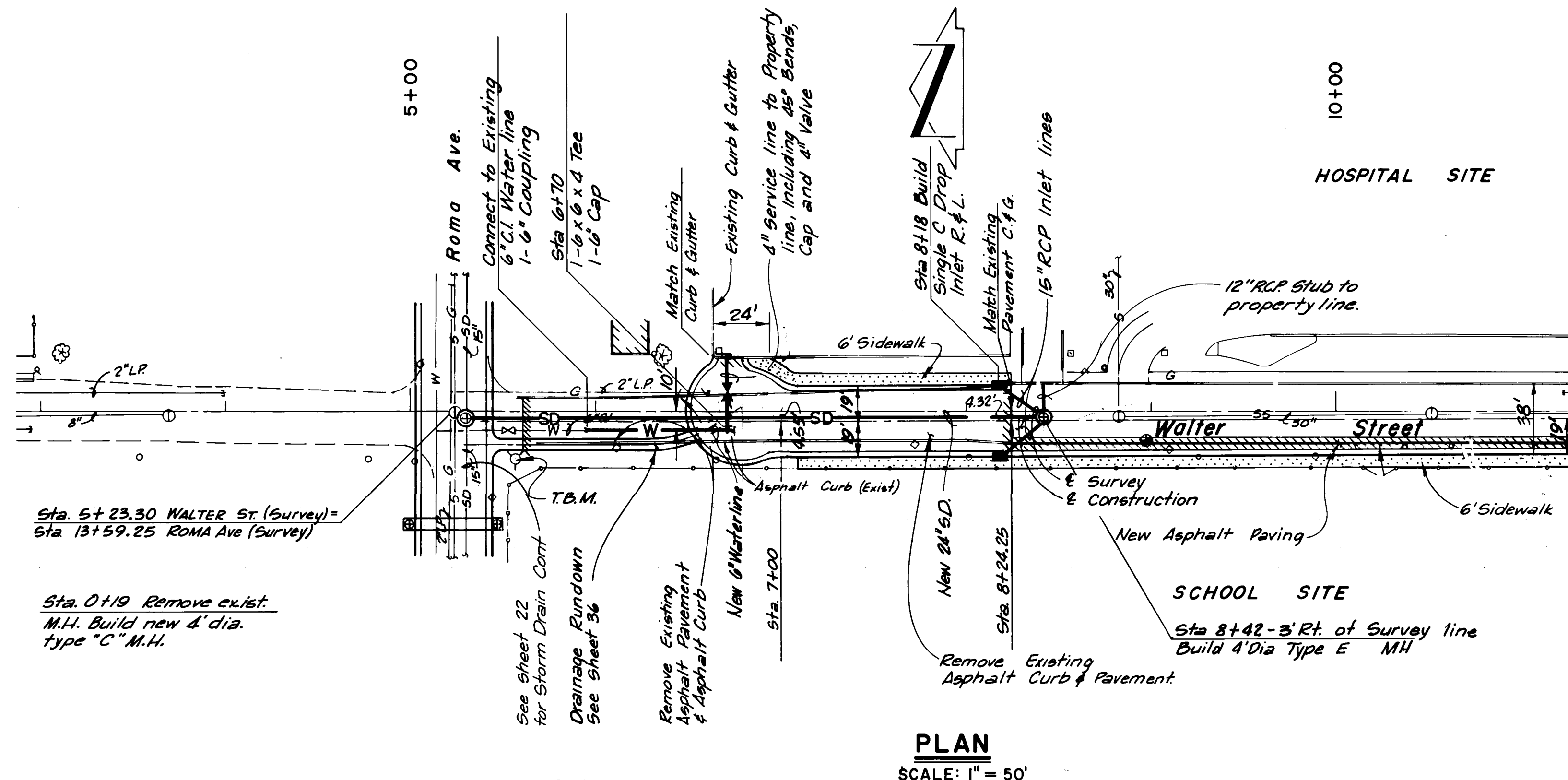
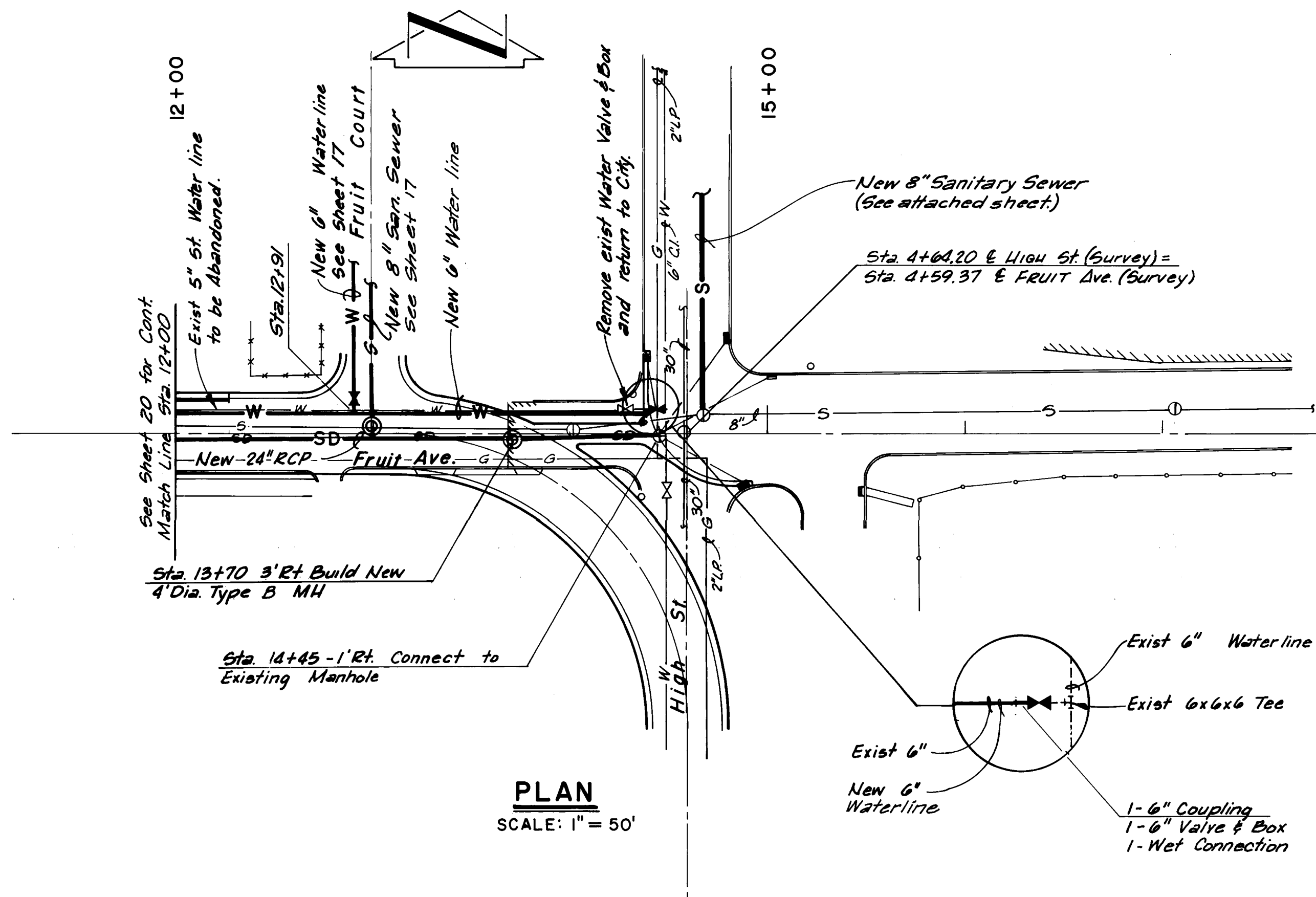
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SURVEYED		
NOTE BOOK		
NO.		



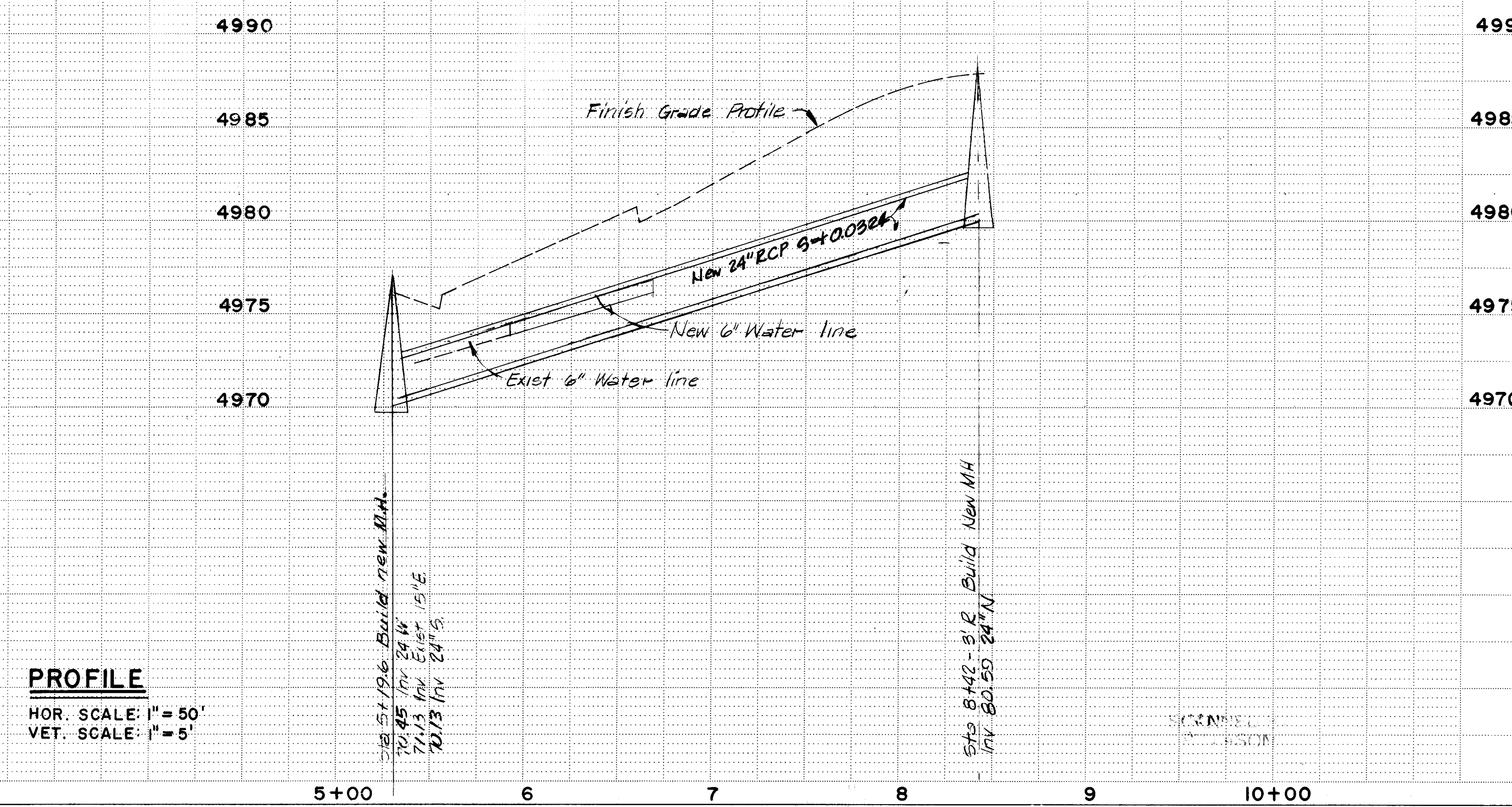
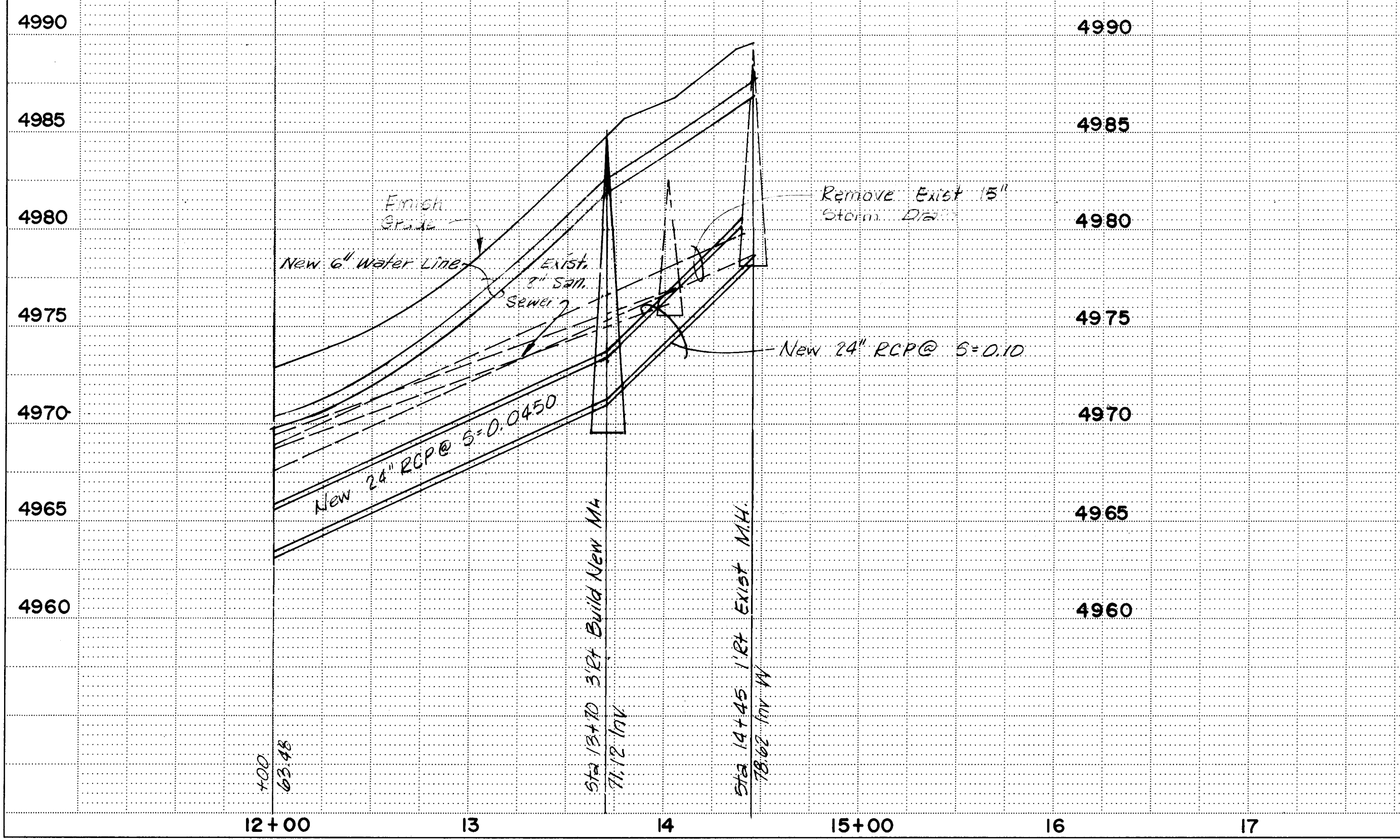
PROFILE
HOR. SCALE: 1" = 50'
VER. SCALE: 1" = 5'

PLAN	DATE	BY
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.		

PROFILE	DATE	BY
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.		

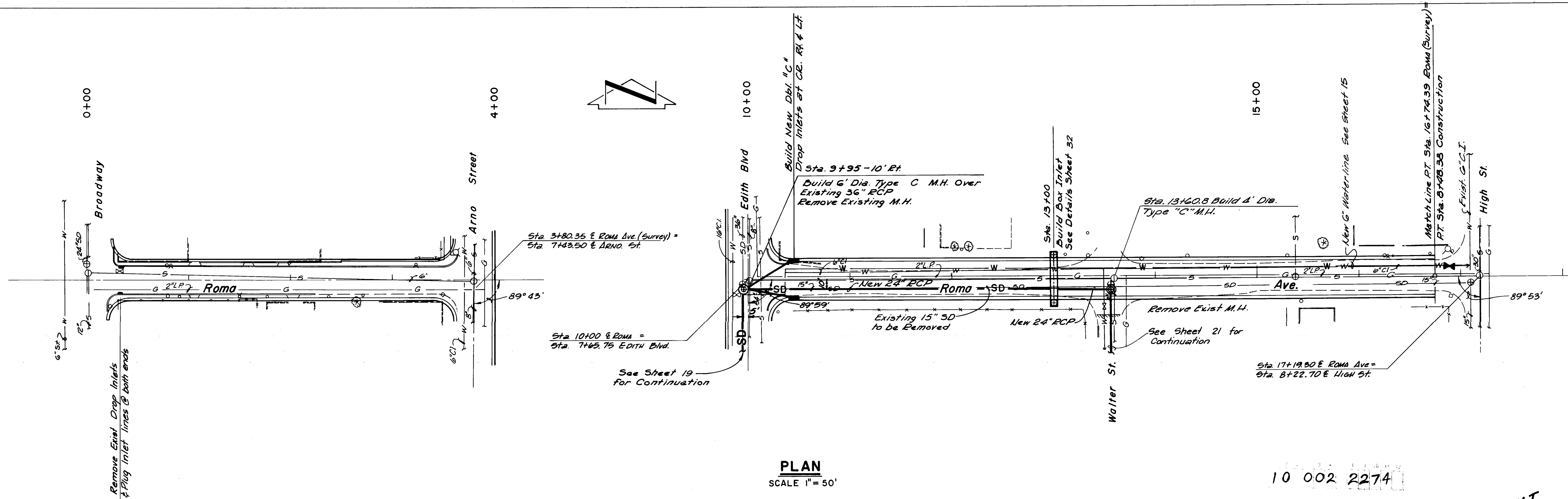


10 002 2174 AS BUILT

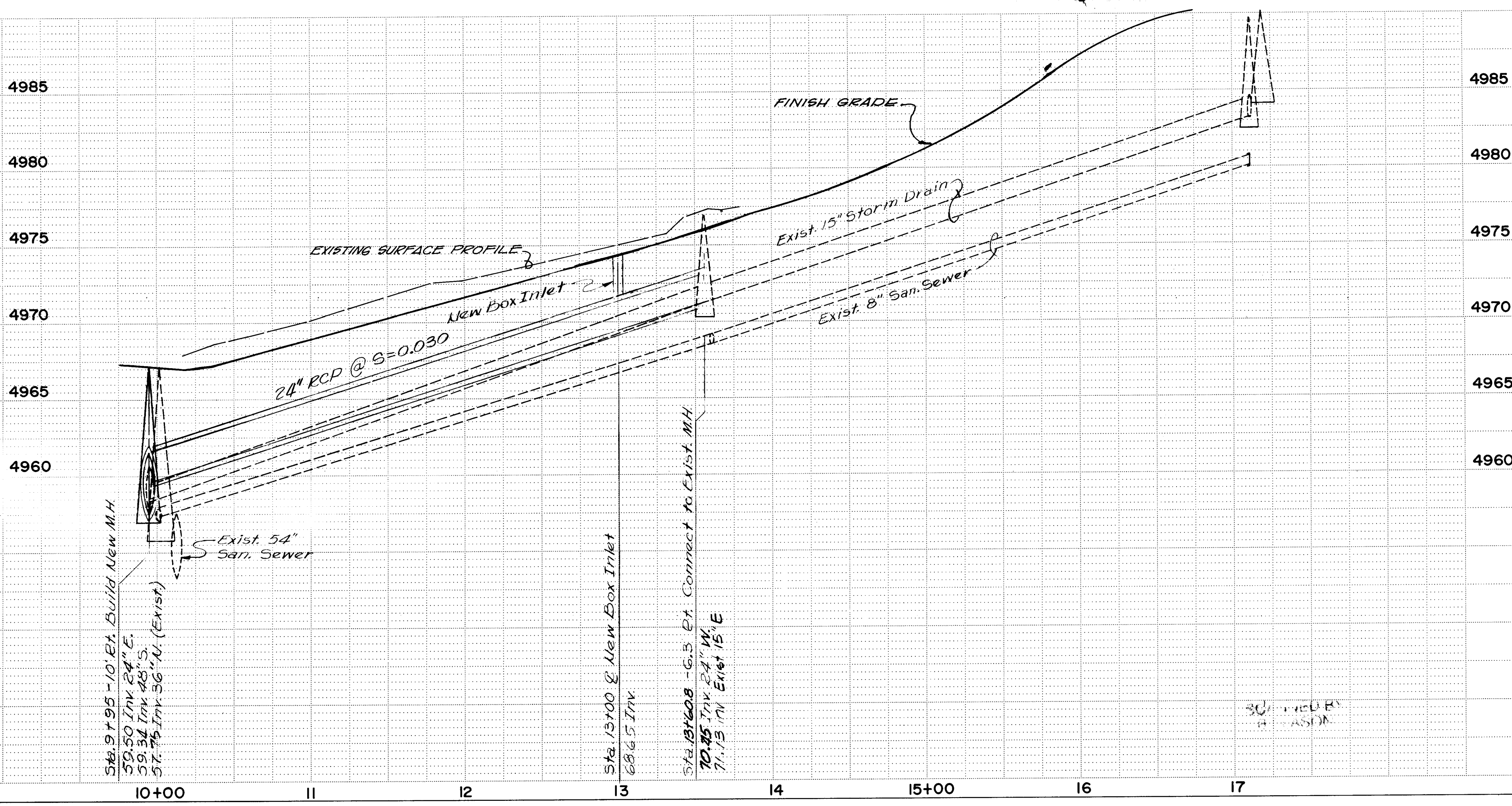


PLAN	DATE	BY
SURVEYED		
PLOTTED		
ALIGNED CHECKED		
BY		
NOTE BOOK		
NO.		

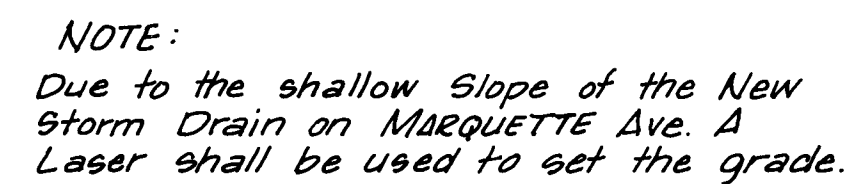
PROFILE	DATE	BY
SURVEYED		
PLOTTED		
STRUCTURE NOTATIONS CHKD		
BY		
NOTE BOOK		
NO.		



PROFILE
HOR. SCALE: 1" = 50'
VER. SCALE: 1" = 5'



PROFILE		SURVEYED	BY	DATE
NOTE BOOK		PLOTTED		
NO.		GRADES CHECKED		
		B. M.'s NOTED		
		STRUCTURE NOTAT'NS CHK'D		



10.002 2374
10.002 2441

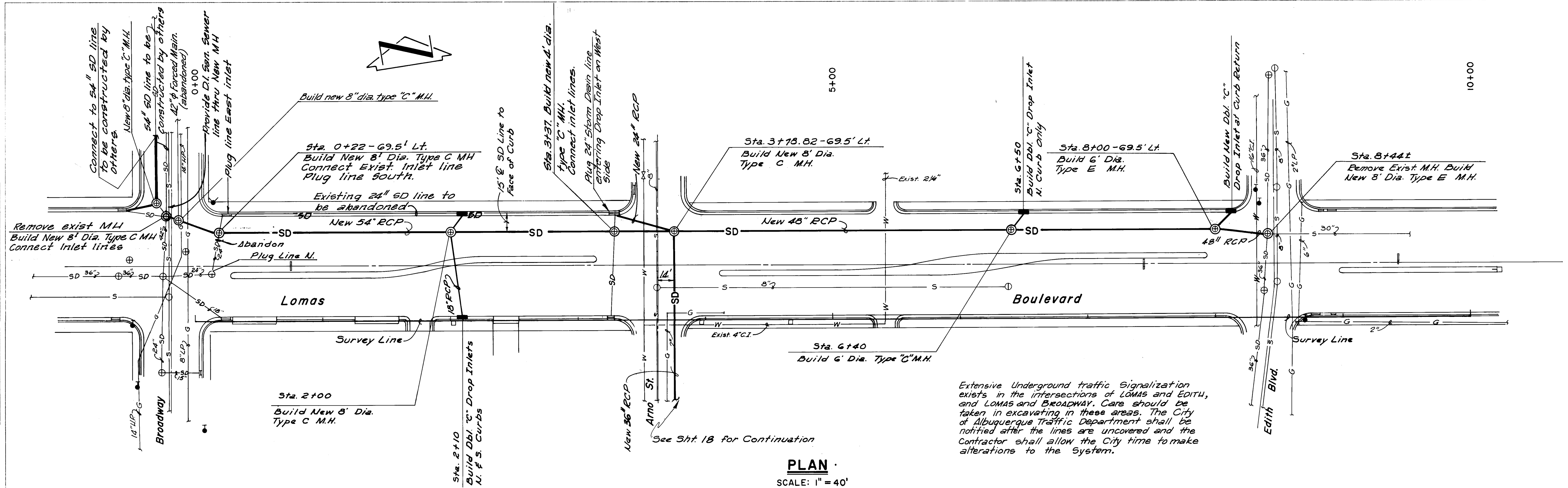
AS BUILT

PROFILE

HOR. SCALE 1" = 50'
VER. SCALE 1" = 5'

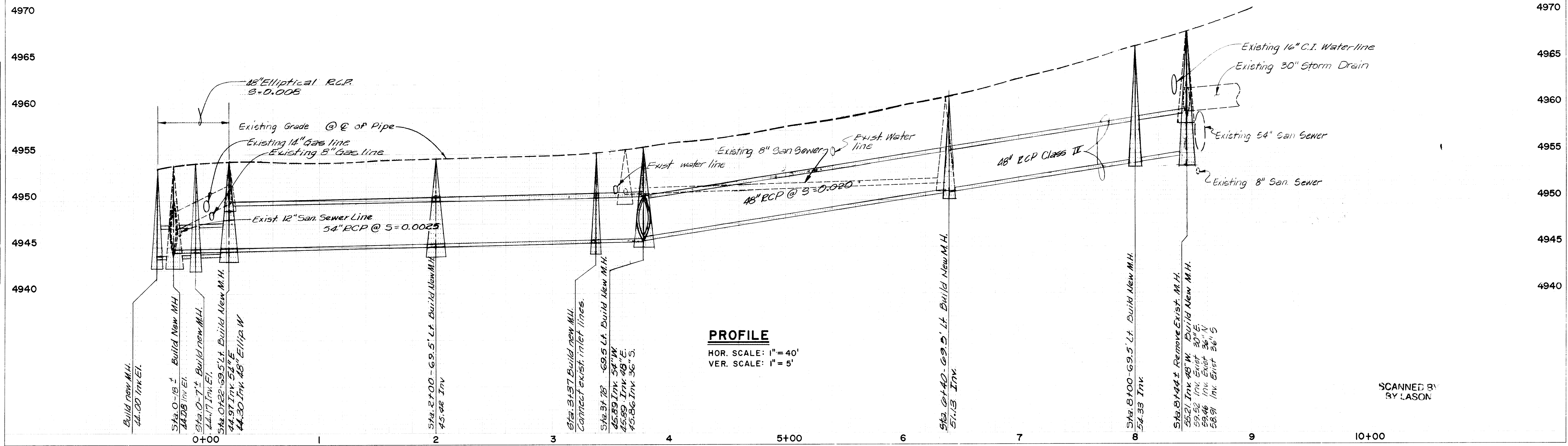
PLAN	DATE
NO.	
BY	
SURVEYED	
ALIGNED	
CHECKED	
RT. OF WAY CHECKED	

PROFILE	DATE
NO.	
BY	
SURVEYED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHKD	



PLAN
SCALE: 1" = 40'

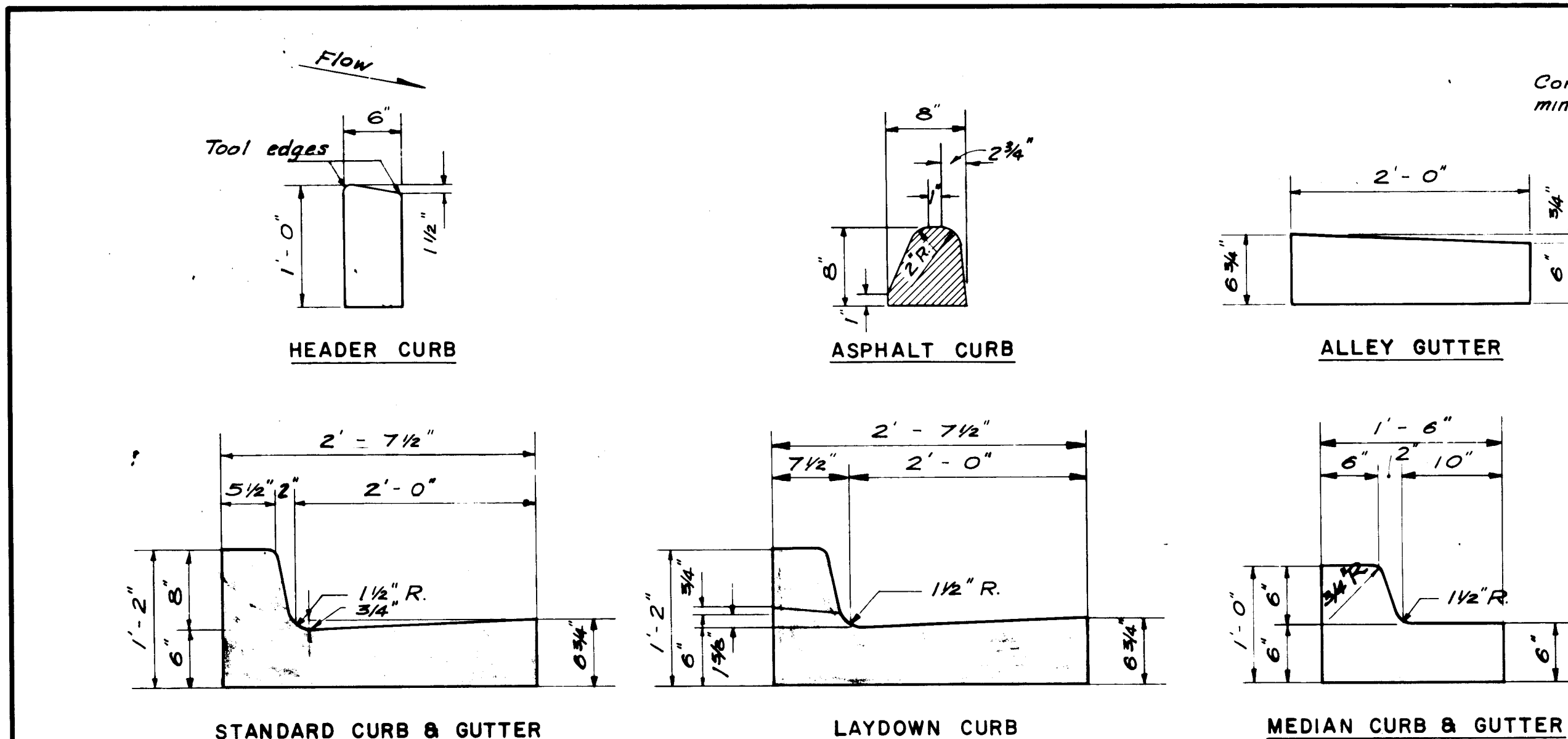
Extensive Underground traffic Signalization exists in the intersections of LOMAS and EDITH, and LOMAS and BROADWAY. Care should be taken in excavating in these areas. The City of Albuquerque Traffic Department shall be notified after the lines are uncovered and the Contractor shall allow the City time to make alterations to the System.



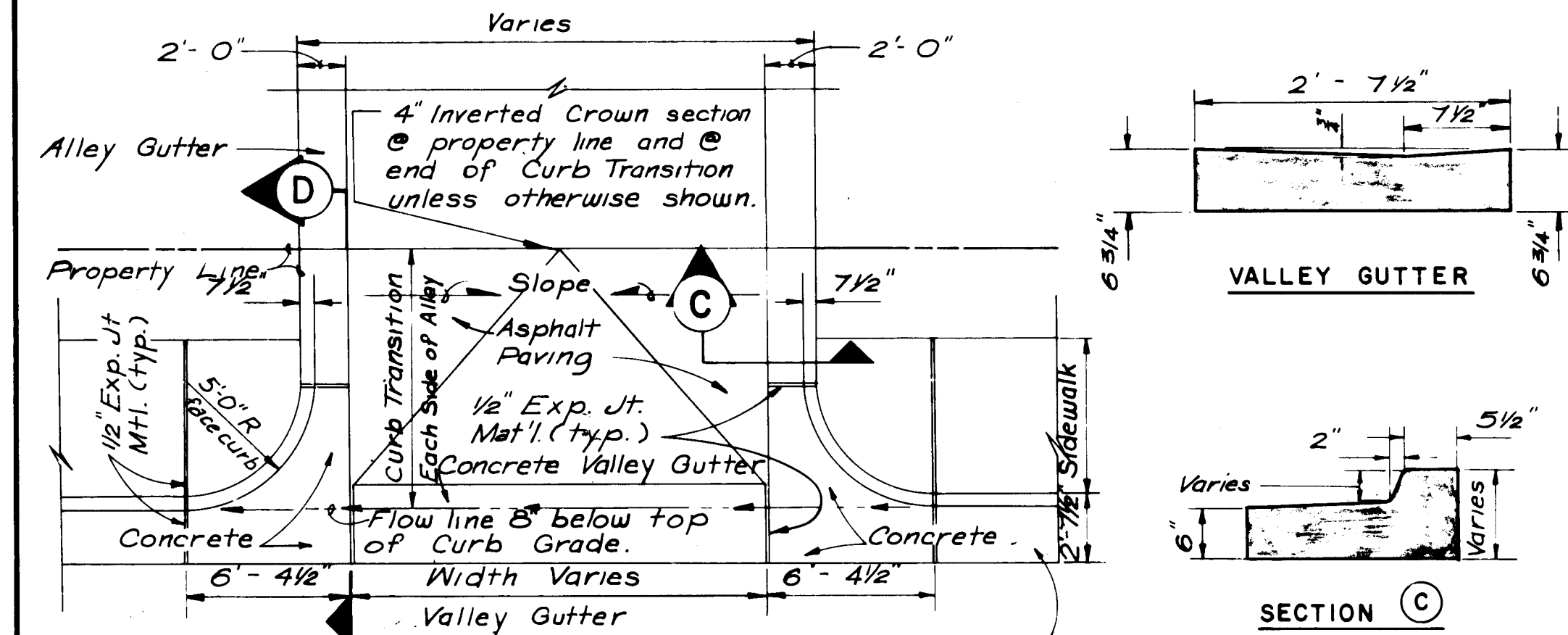
PROFILE
HOR. SCALE: 1" = 40'
VER. SCALE: 1" = 5'

10 002 2474 AS BUILT

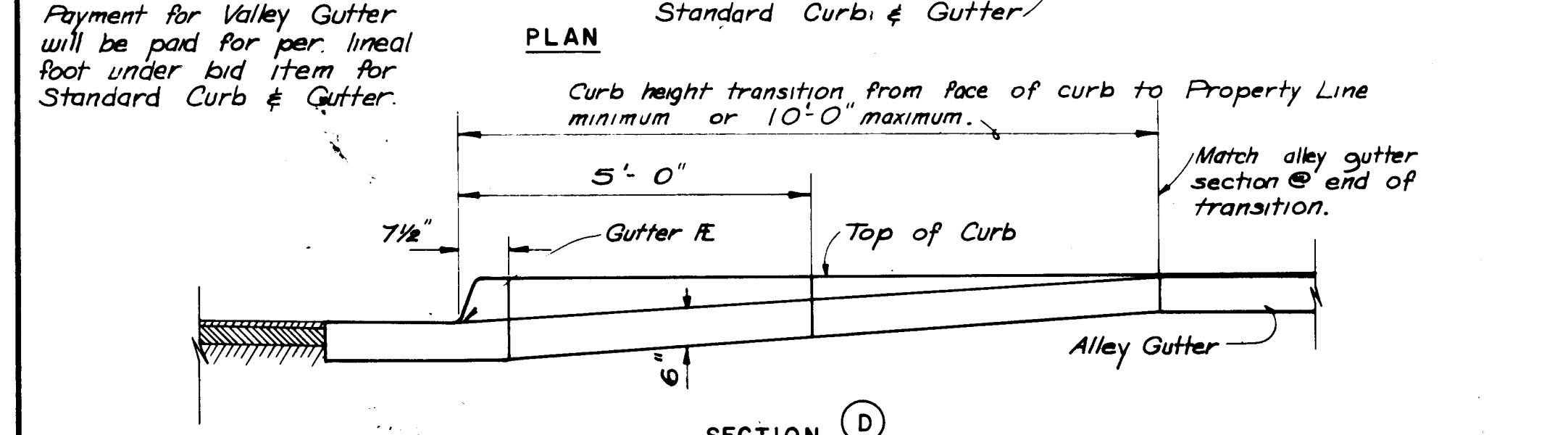
SCANNED BY LASON



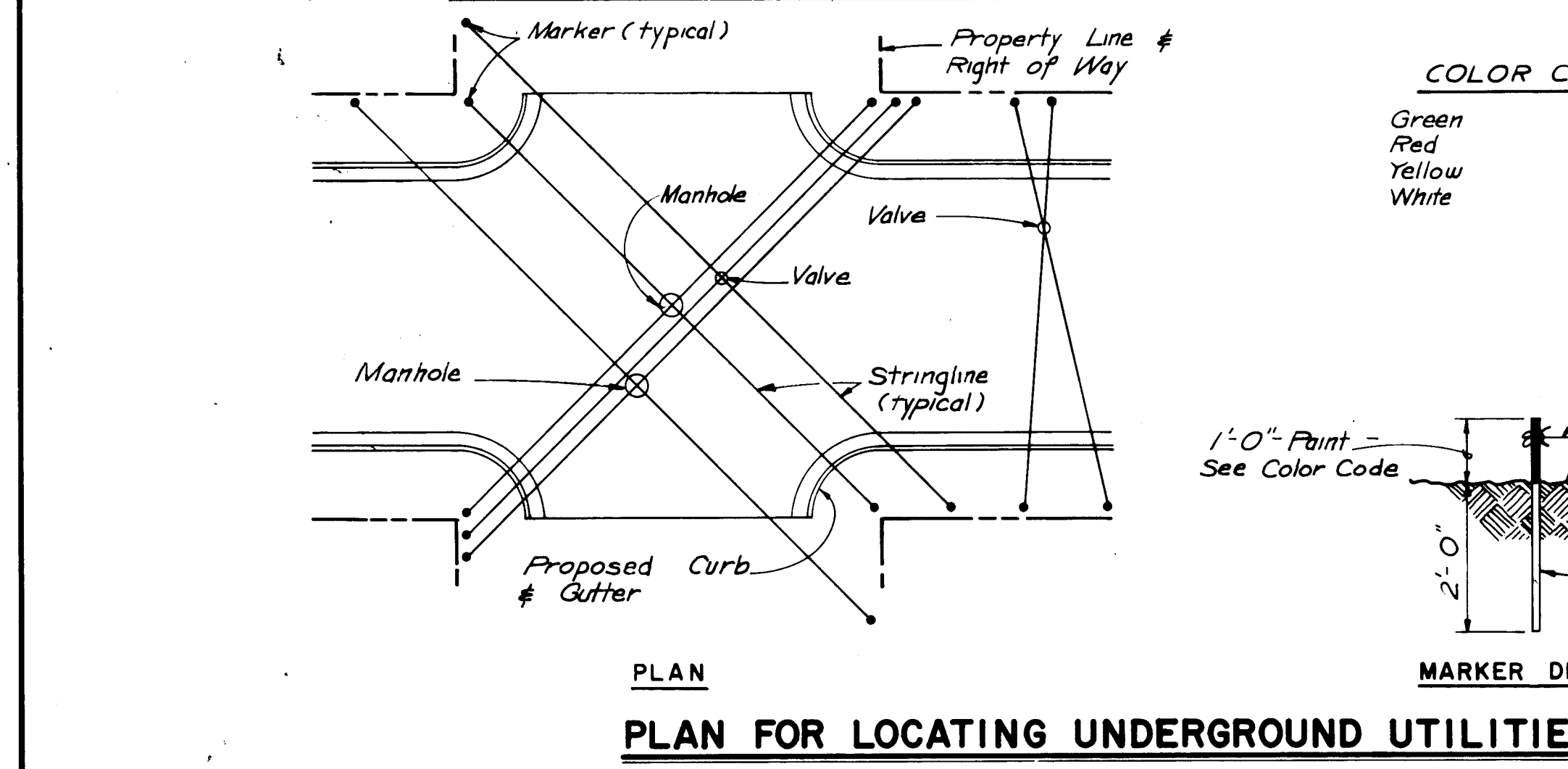
TYPICAL CURB & GUTTER DETAILS



TYPICAL ALLEY INTERSECTION

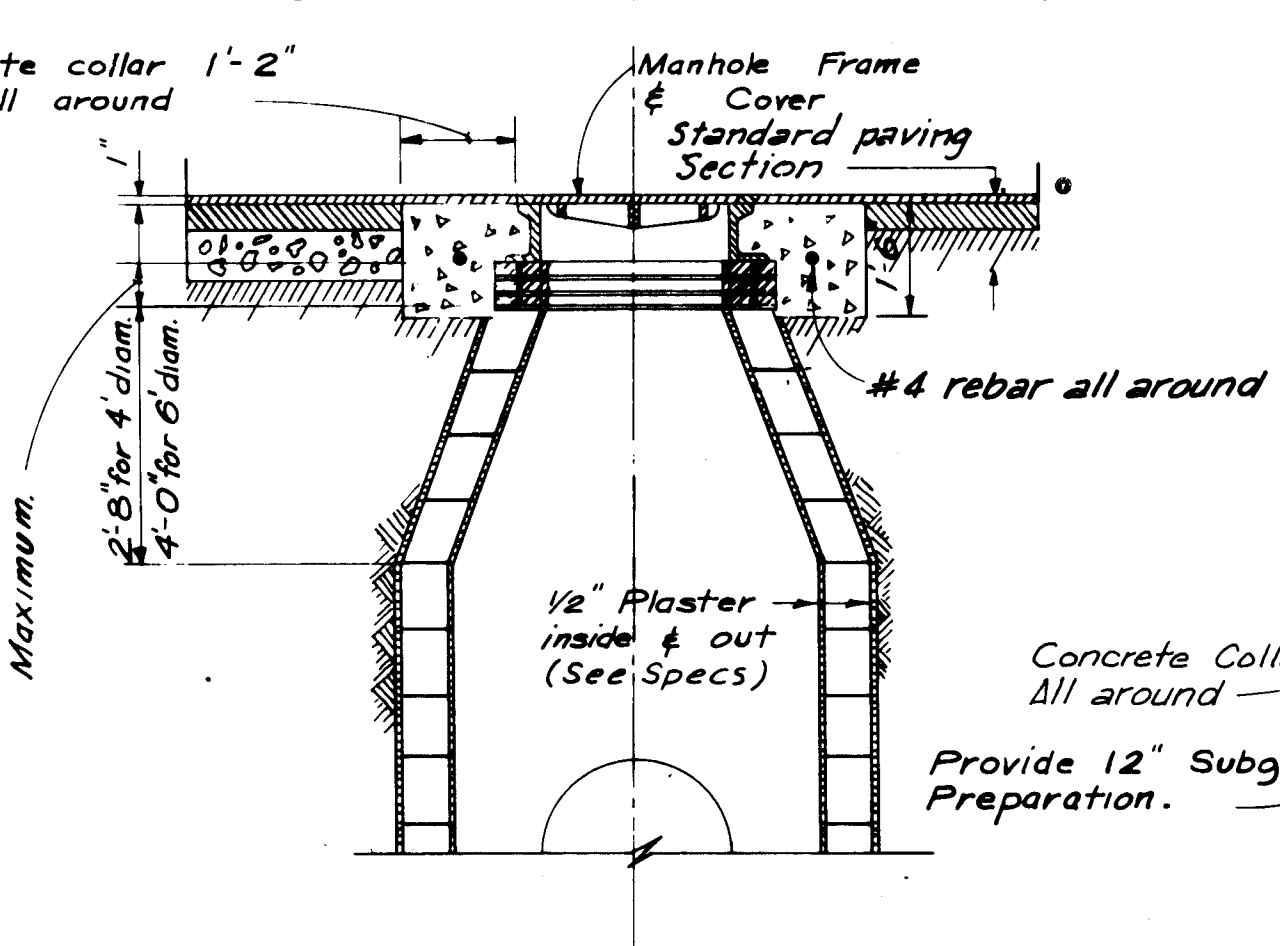


TYPICAL ALLEY INTERSECTION



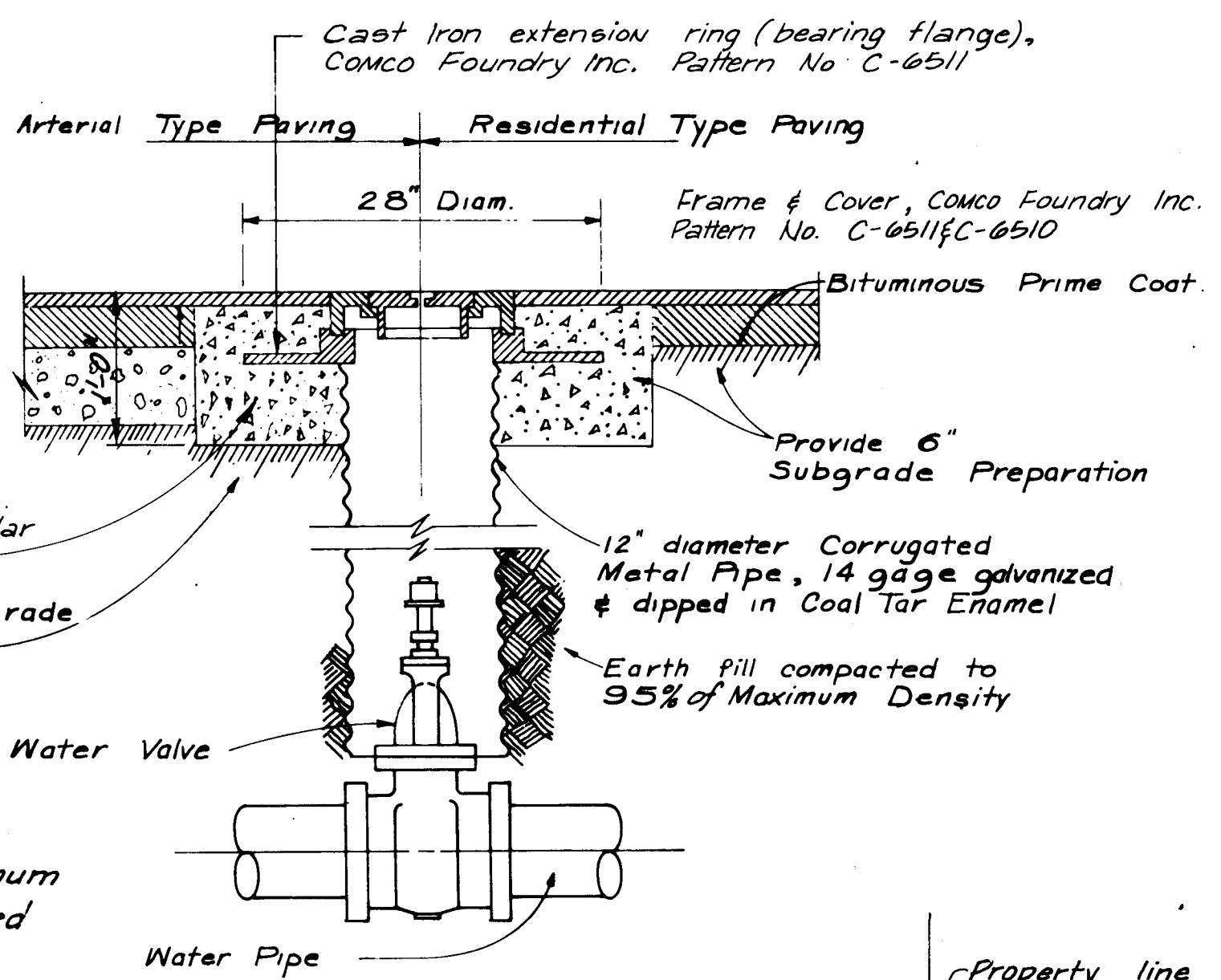
PLAN FOR LOCATING UNDERGROUND UTILITIES

Arterial-Type Paving Residential-Type Paving

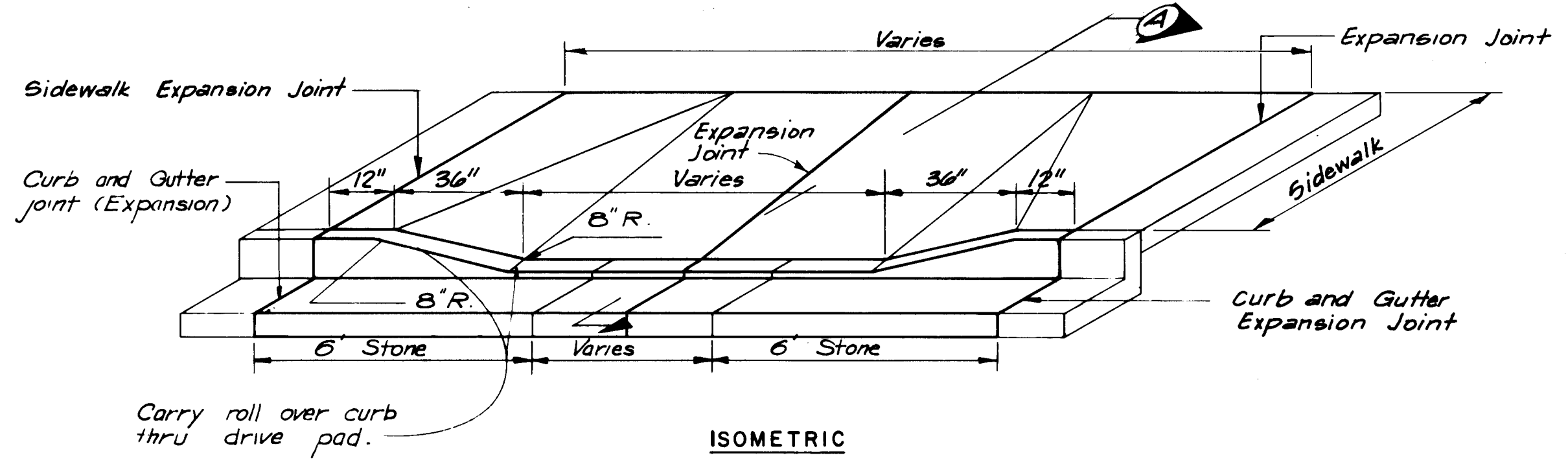


Note: Grade adjustments to Manhole frame & cover shall be made by varying brick courses using a maximum of 3 courses. If more adjustment is required the contractor shall remove the cone, adjust the barrel height, and then replace the cone.

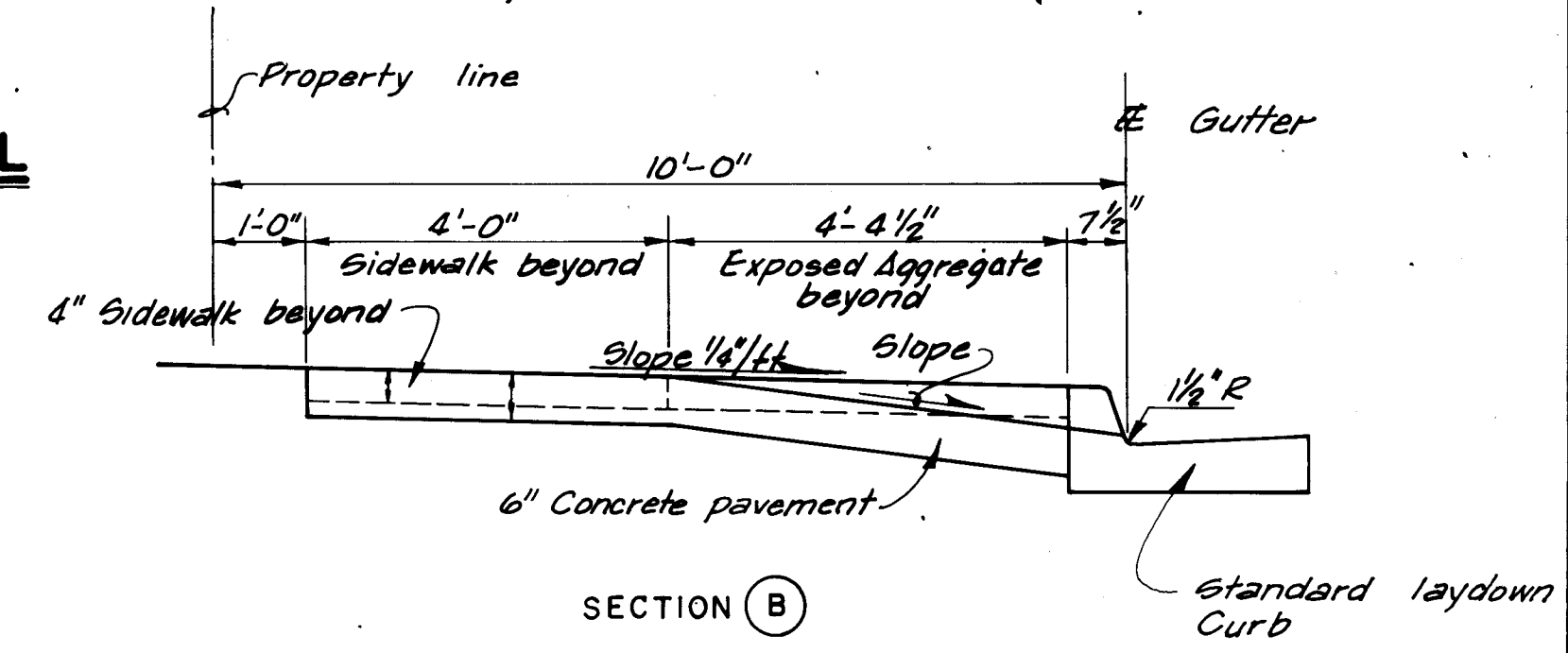
MANHOLE REGRADING DETAIL



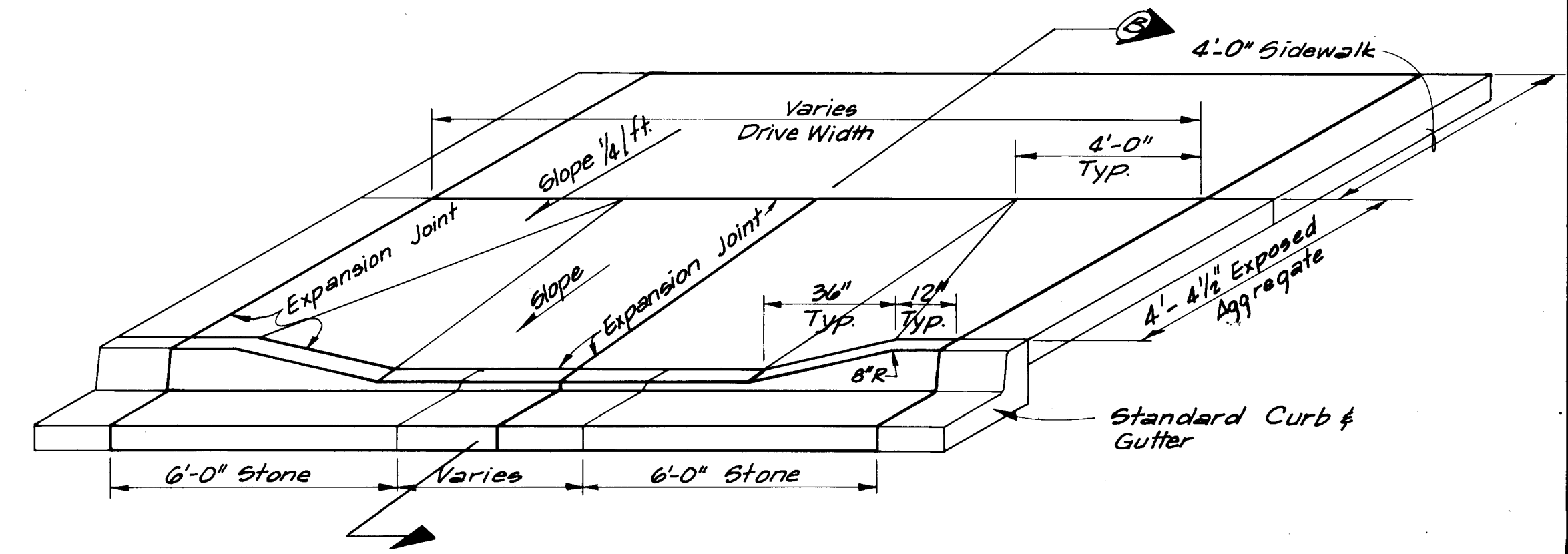
VALVE BOX REGRADING DETAIL



EDITH BOULEVARD



SECTION B



RESIDENTIAL STREETS

TYPICAL DRIVEWAY DETAILS

- NOTES:
1. Curb & Gutter - Provide contraction joints at 6' on center and 1/2" preformed expansion joints at 48' on center maximum and at curb returns and at each side of driveways.
 2. Driveways 18' to 36' wide to have 1/2" preformed expansion joints at centerline. Driveways wider than 36' to have expansion joints at 18' on center maximum and contraction joints at 6'-0" on center maximum.
 3. Sidewalks to be 4" thick with a transverse slope of 1/4" per foot 1/2" preformed expansion joints shall be provided at 18' on center maximum and where sidewalks abut existing walks, buildings, driveways or other construction. Contraction joints shall be provided at the same spacing and location as joints in the Curb & Gutter (See General Notes - Sheet 1.)

MARTINEZTOWN PAVING CONTRACT

PAVING DETAILS

PROJECT NO. N.M. A-1-1

NEIGHBORHOOD DEVELOPMENT PROGRAM

URBAN DEVELOPMENT, AGENCY OF ALBUQUERQUE

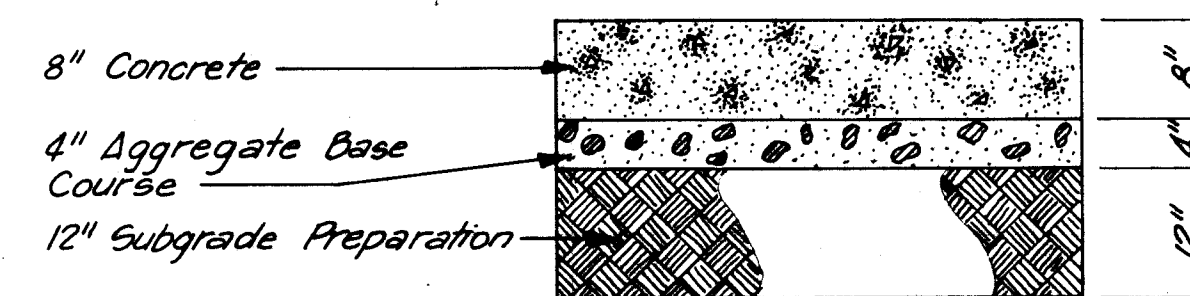
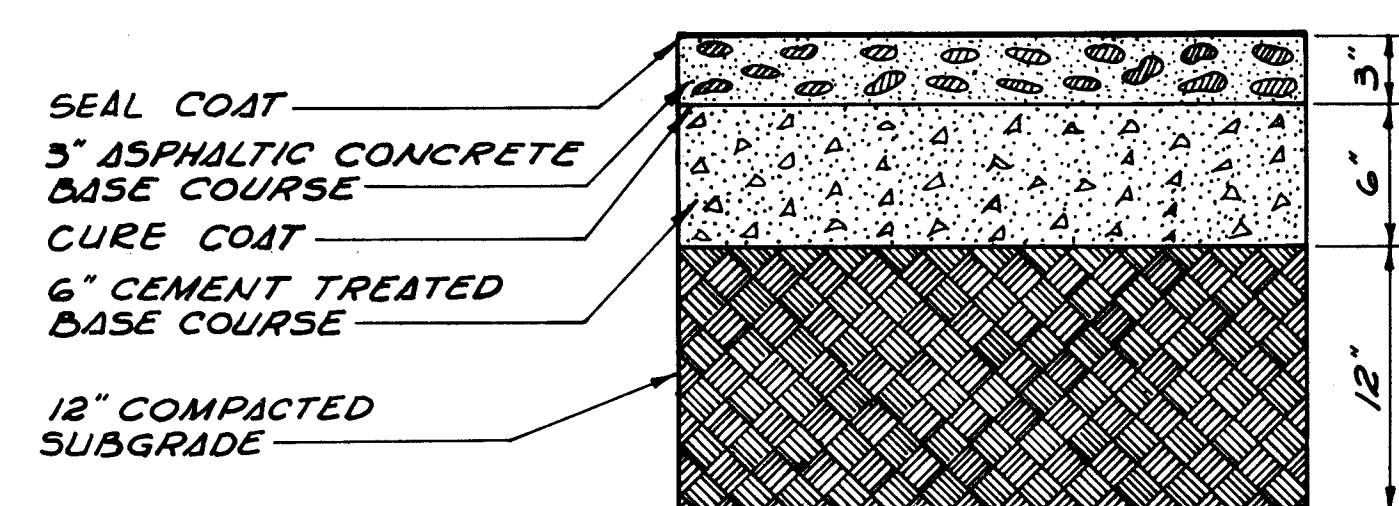
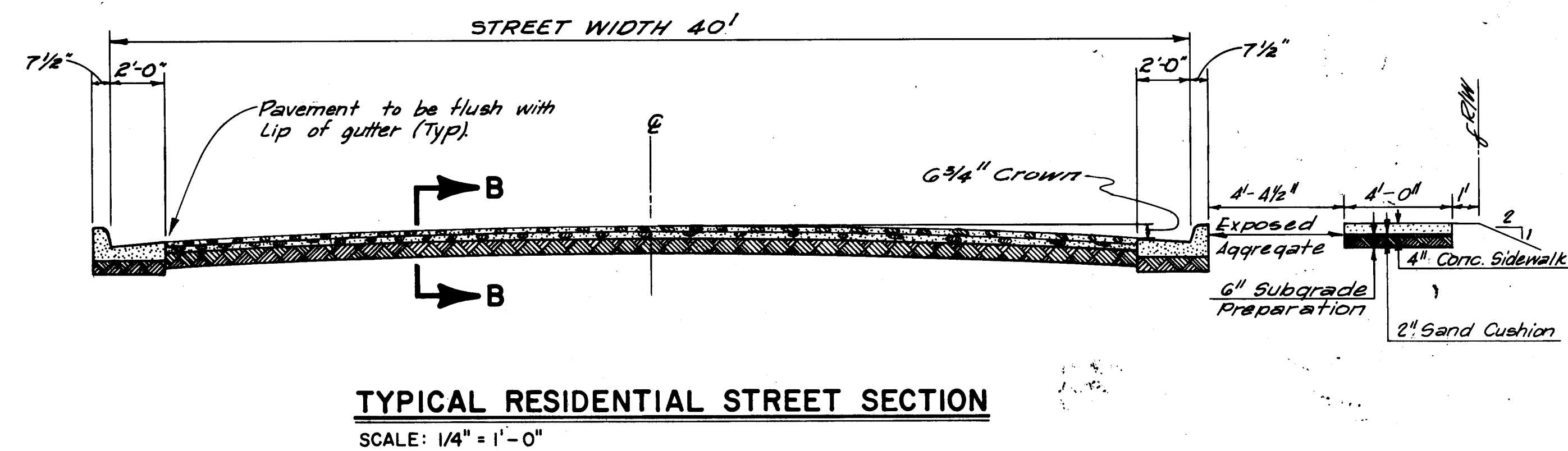
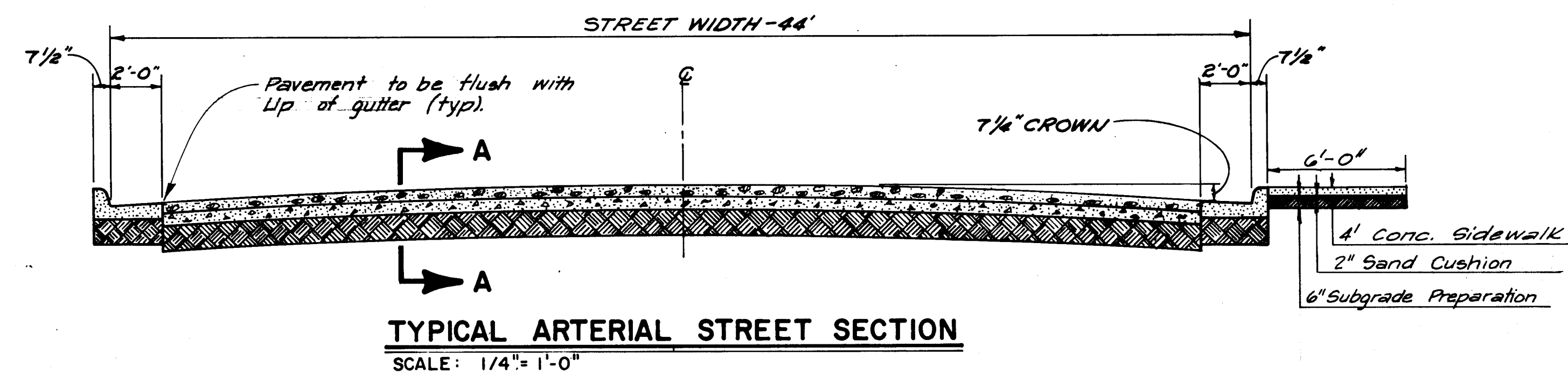
albuquerque bernadillo county new mexico

DATE	JOB NO.	SCALE	DRAWN	SHEET
10-72	72-52	NO SCALE	O.R.	25
			CHK'D: R.L.	OF 39

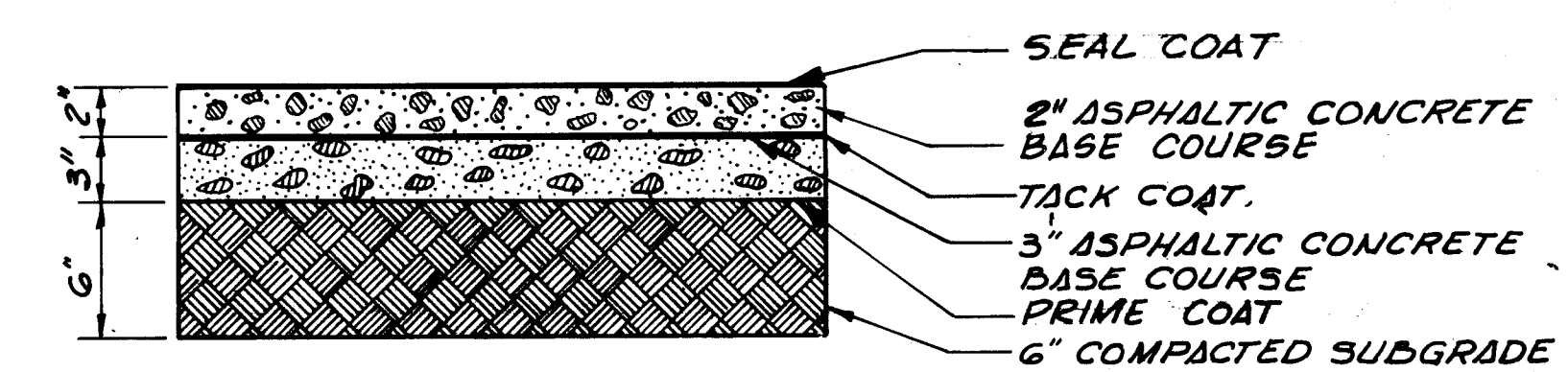
Scanlon & associates, inc.

albuquerque Consulting Engineers santa fe

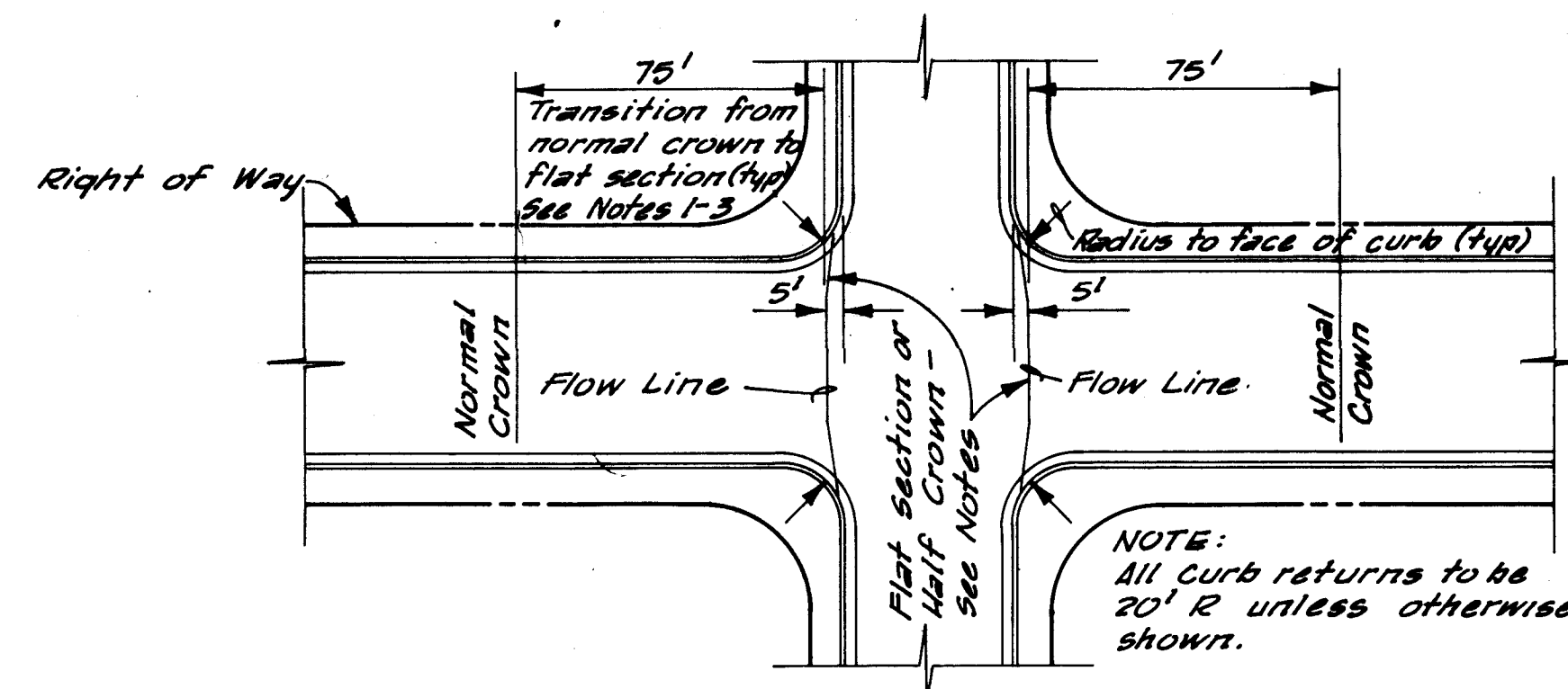
25



CONCRETE PAVING SECTION
LOMAS BLVD

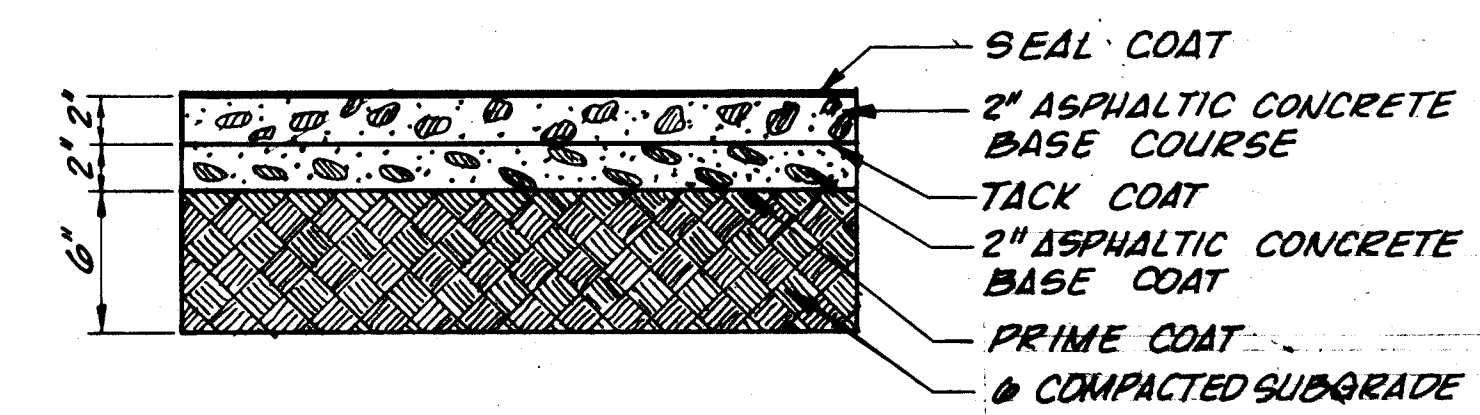


SECTION B-B
STREETS WEST OF EDITH BLVD



GENERAL NOTES

1. REDUCE CROWN TO FLAT SECTION AT INTERSECTIONS ONLY WHERE REQUIRED FOR DRAINAGE.
2. REDUCE NORMAL CROWN TO HALF CROWN AT THROUGH INTERSECTIONS WHERE DRAINAGE ACROSS ROADWAY IS NOT REQUIRED.
3. CARRY NORMAL CROWN THROUGH T INTERSECTIONS WHERE DRAINAGE ACROSS ROADWAY IS NOT REQUIRED.
4. PAYMENT FOR SUBGRADE PREPARATION UNDER CURB & GUTTER SHALL BE INCLUDED WITH CURB & GUTTER BID ITEMS.
5. PAYMENT FOR SUBGRADE PREPARATION UNDER SIDEWALKS & DRIVEWAY SLABS SHALL BE INCLUDED WITH SIDEWALK & DRIVEWAY BID ITEMS.
6. ALL MANHOLE RIMS AND WATER VALVE BOXES LOCATED IN PAVED AREA OF STREETS ARE TO BE LEFT 1/4" HIGH.
7. ALL STREETS IN THE AREA WILL BE PAVED WITH A 5/8" THICK ASPHALTIC CONCRETE SURFACE COURSE AT A LATER DATE (BY OTHERS).
8. ON ASPHALT BASE WHERE NO SURFACE COURSE IS TO BE PLACED ON THIS CONTRACT, A SEAL COAT OF S.S.K. EMULSIFIED ASPHALT SHALL BE APPLIED AT THE RATE OF .05 .10 GALS. PER S.Y. THE COST OF ANY BLOTTER SAND REQUIRED BY THE ENGINEER SHALL BE INCIDENTAL TO THE COST OF THIS ITEM.

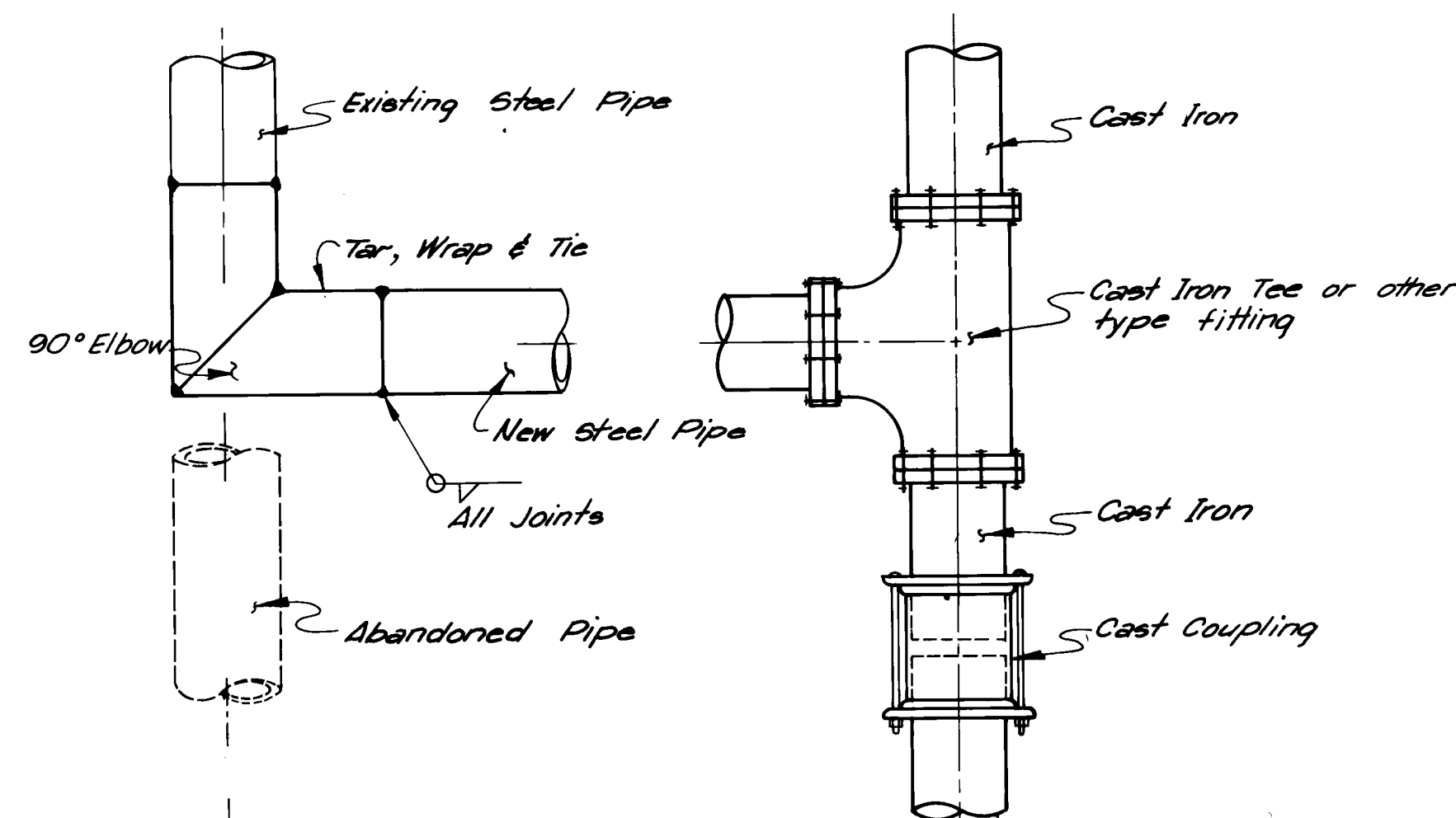


SECTION B-B
(STREETS EAST OF EDITH BLVD.)

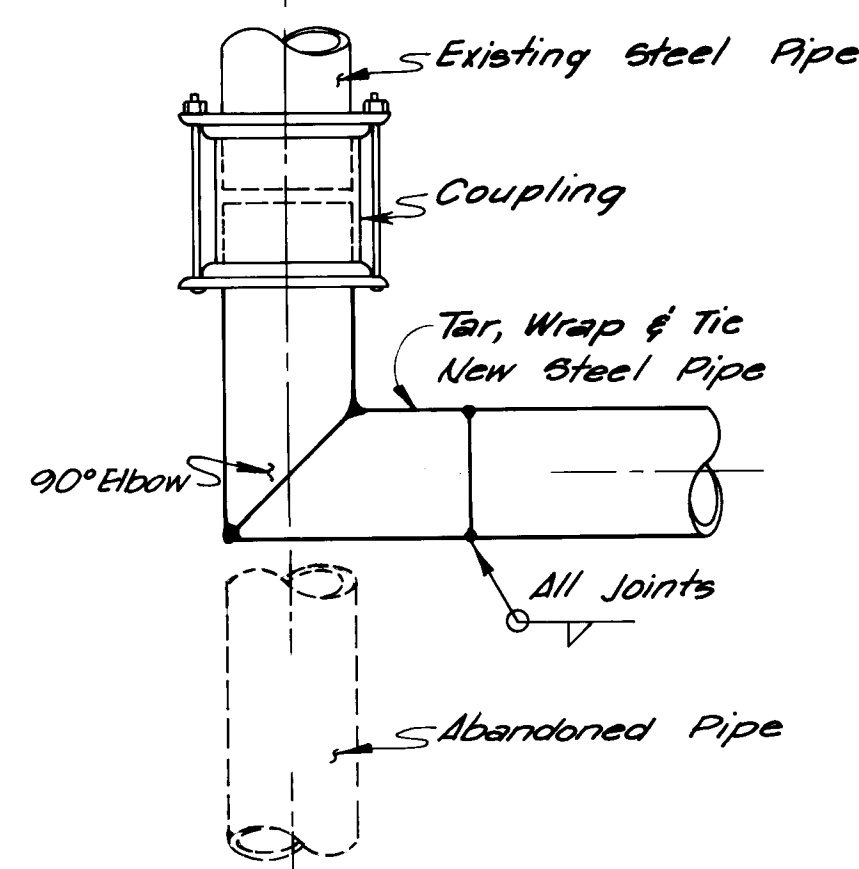
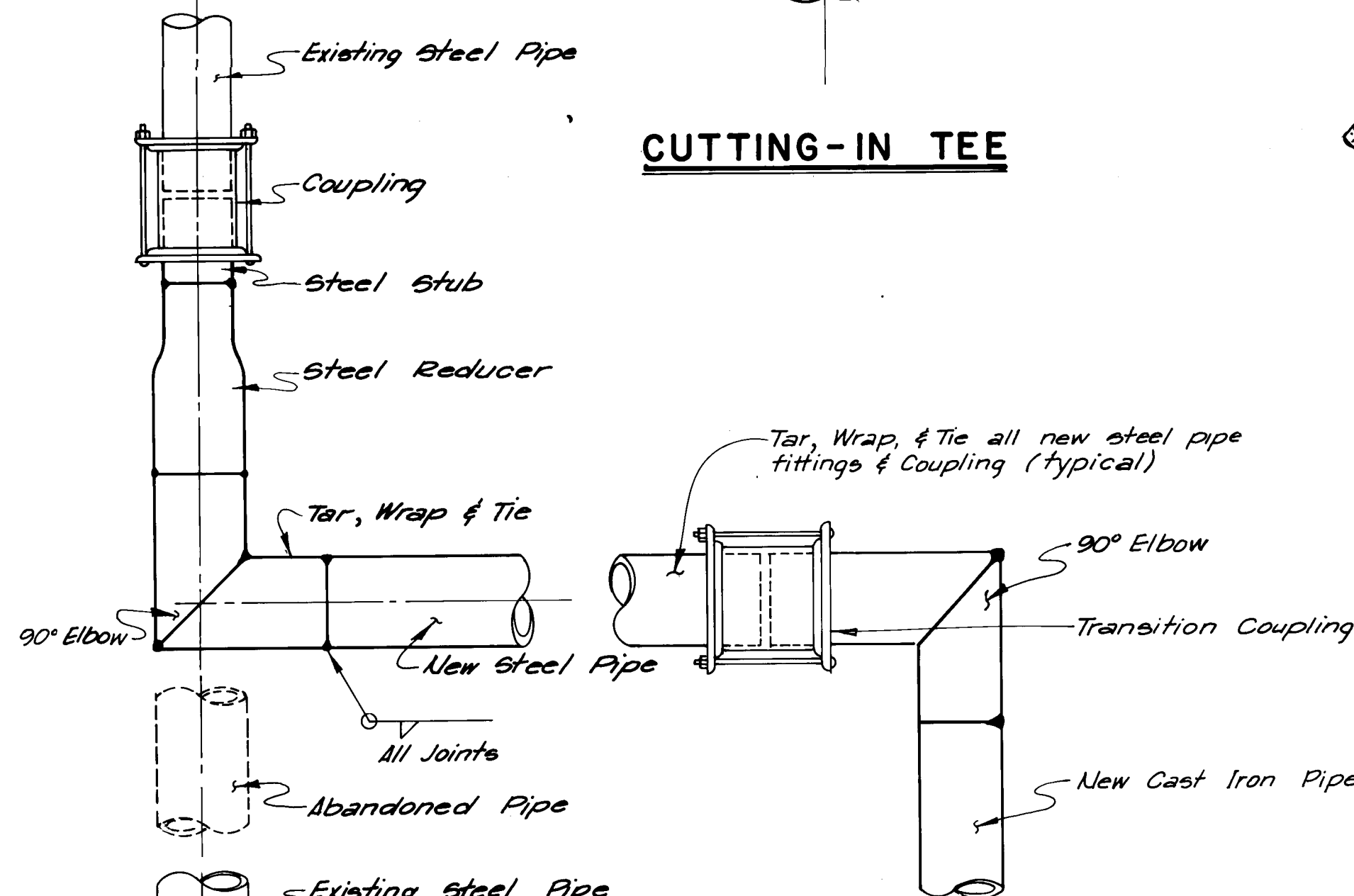
10 002 2674 AS BUILT

MARTINEZTOWN PAVING CONTRACT					
STREET PLAN & SECTIONS					
PROJECT NO. NM. A-1-1					
NEIGHBORHOOD DEVELOPMENT PROGRAM					
URBAN DEVELOPMENT AGENCY OF ALBUQUERQUE					
albuquerque	bernardino	county	new	mexico	
DATE	JOB NO.	SCALE	DRAWN	I.V.	SHEET
10-72	72-52	AS SHOWN	CHK'D	R.L.	26 OF 39
Scanlon & associates, inc.					26
albuquerque Consulting Engineers santa fe					

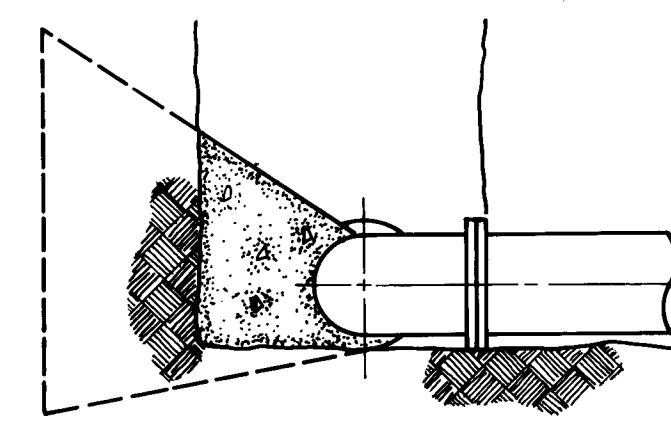
SCANNED BY BYLAGON



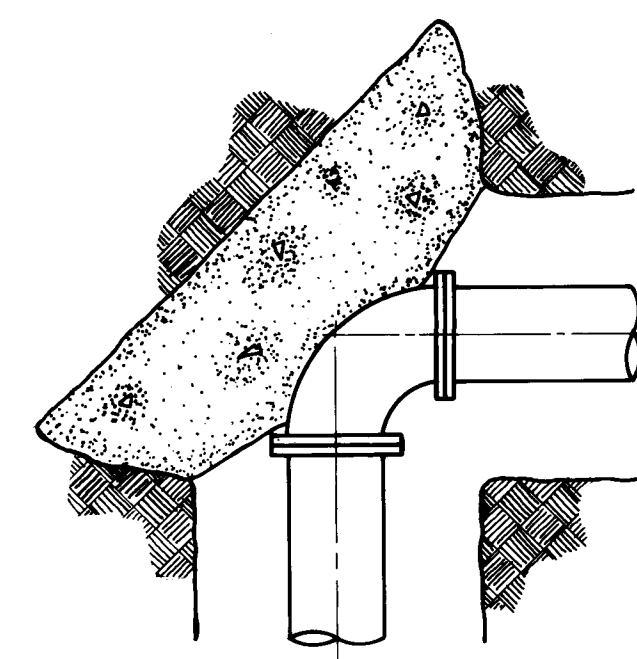
CUTTING-IN TEE



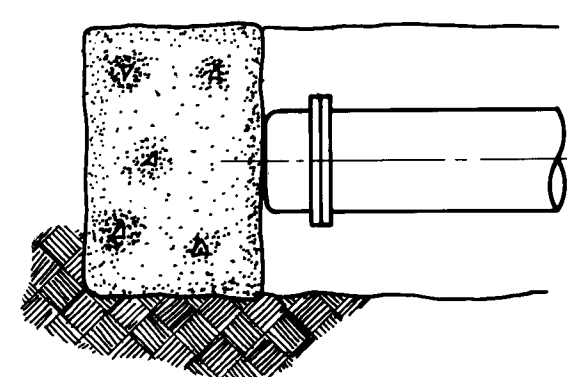
**WATER LINE REPLACEMENT
TYPICAL CONNECTIONS**
NOT TO SCALE



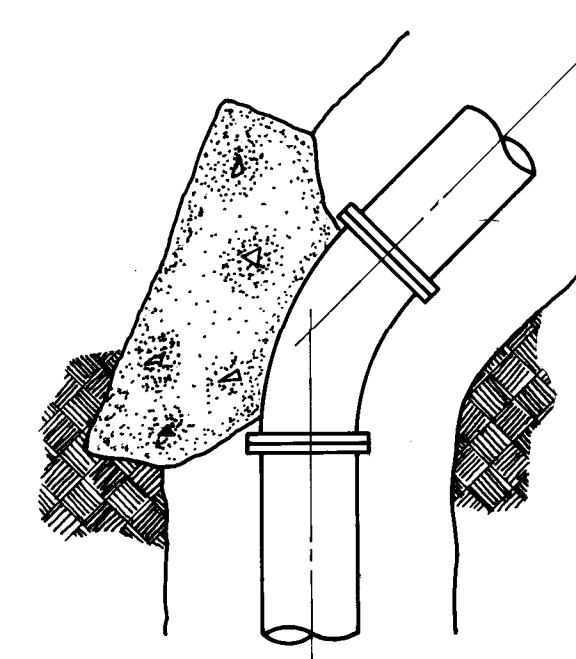
TYPICAL ELEVATION



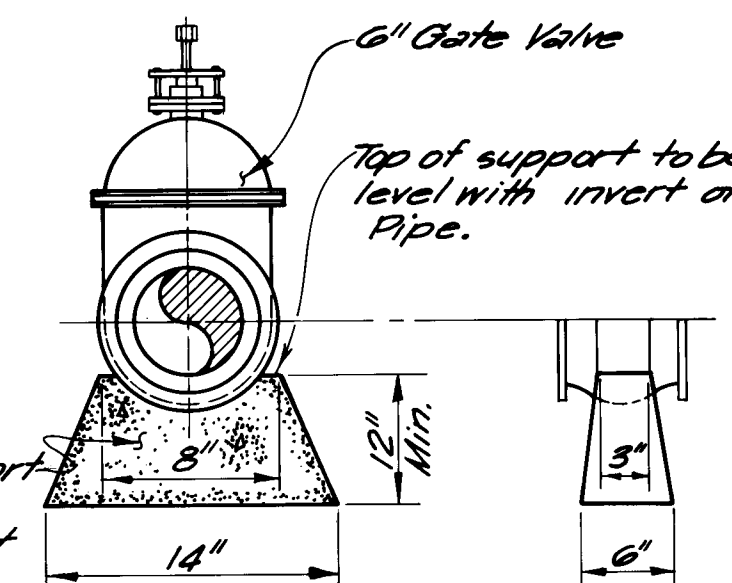
PLAN - 90° BEND



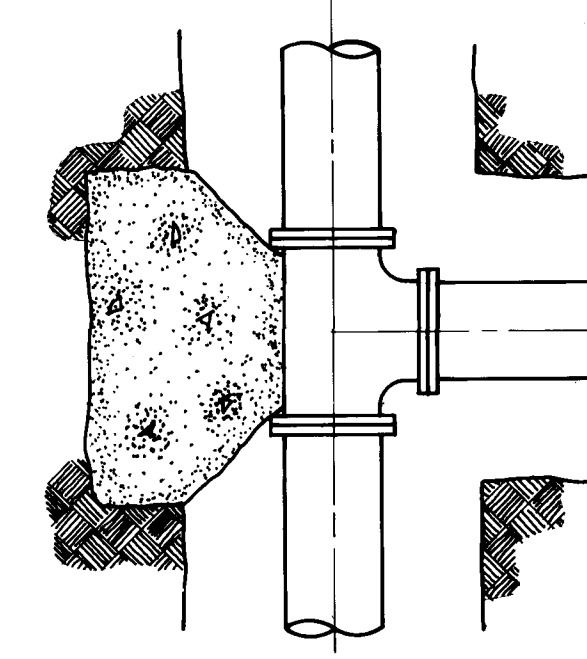
PLAN - CAP



PLAN - 45° BEND



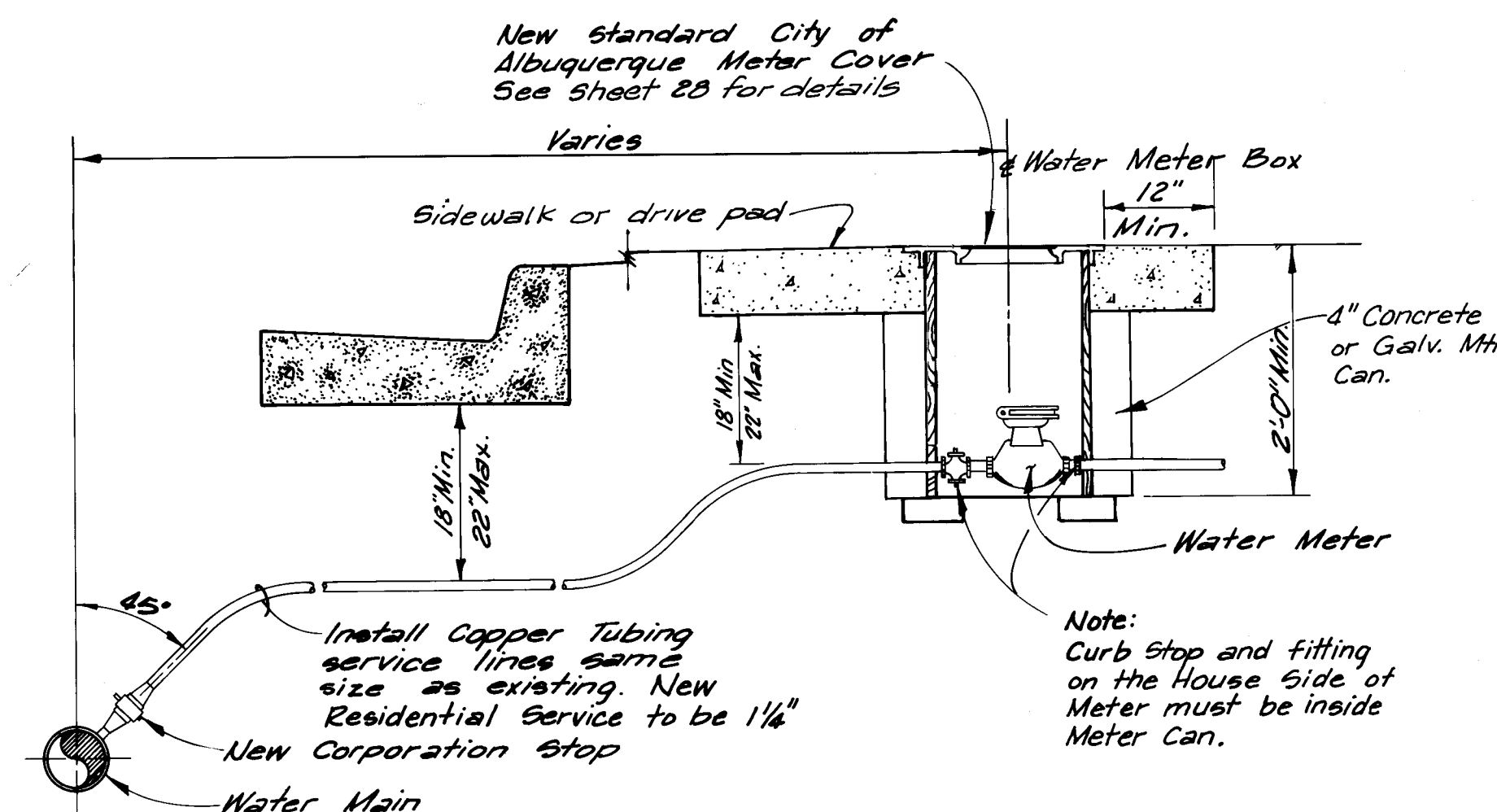
VALVE SUPPORT DETAIL



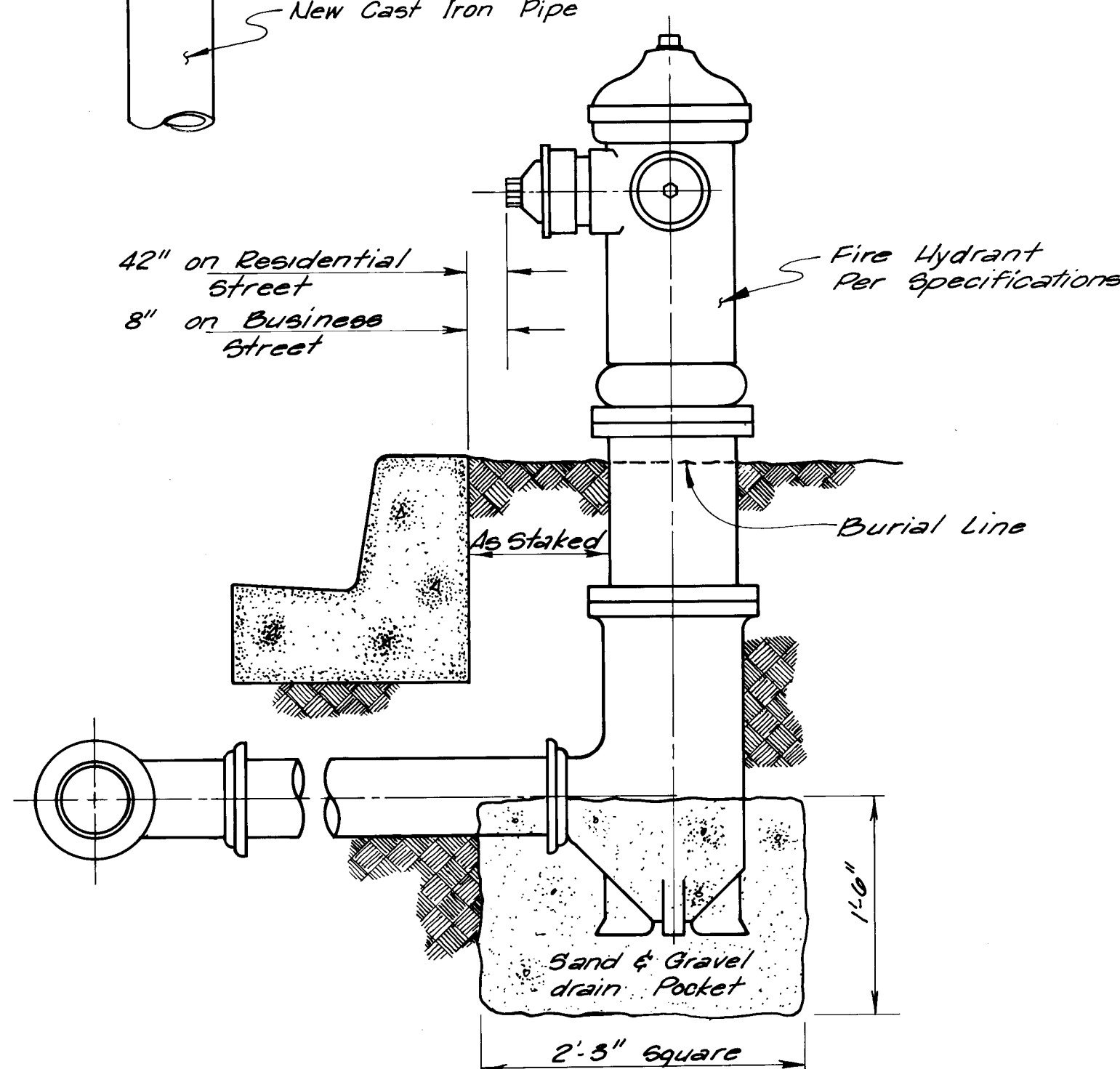
PLAN - TEE

CONCRETE THRUST BLOCKING
NOT TO SCALE

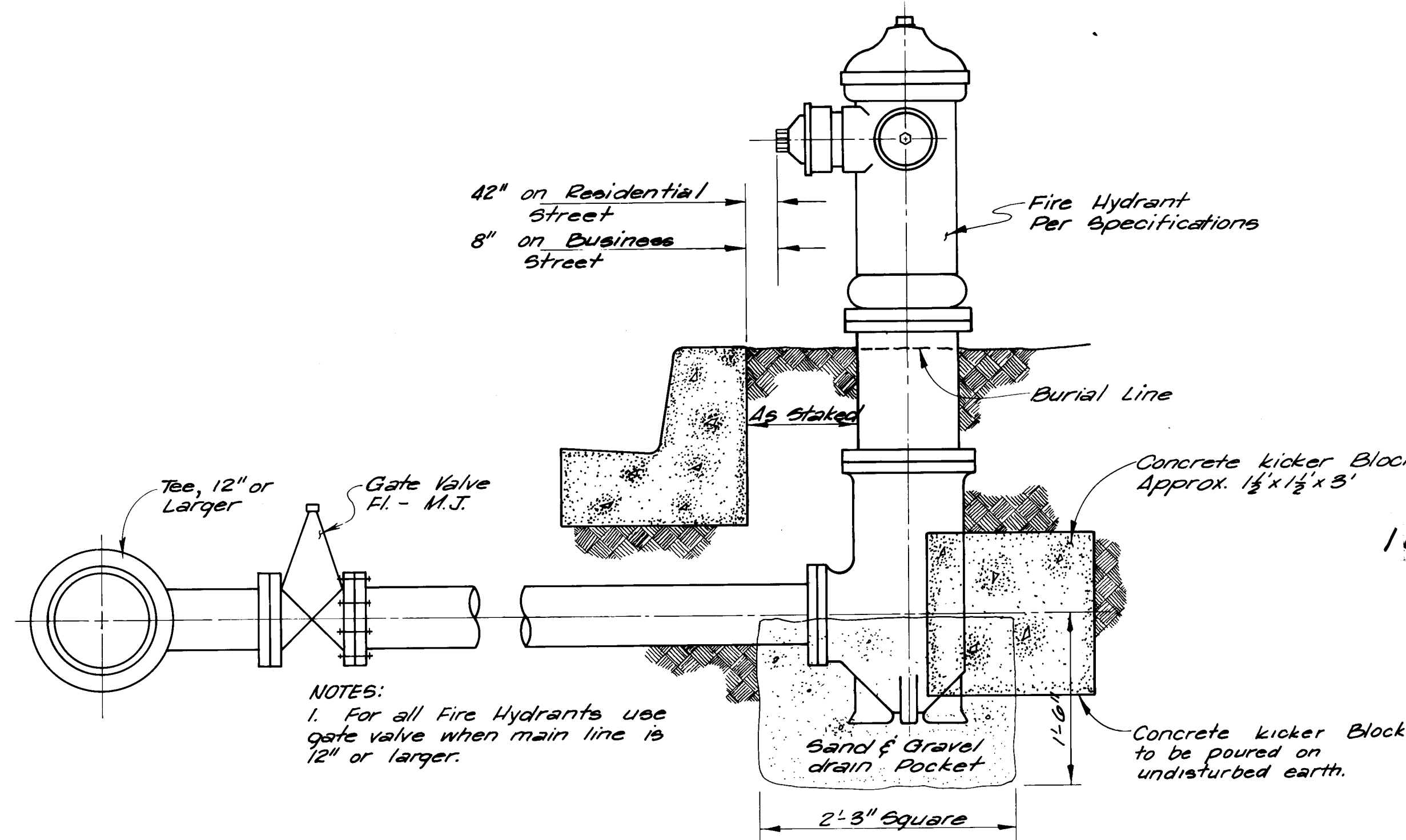
NOTE:
Size of thrust blocks shall be determined using an allowable soil bearing pressure of 3000 psf at 150 psi test pressure in water line.



**SERVICE LINE REPLACEMENT
METER BOX**



**FIRE HYDRANT INSTALLATION
WITH LOK-TYTON JOINTING**
NOT TO SCALE



**FIRE HYDRANT INSTALLATION
WITH M.J. JOINTING**
NOT TO SCALE

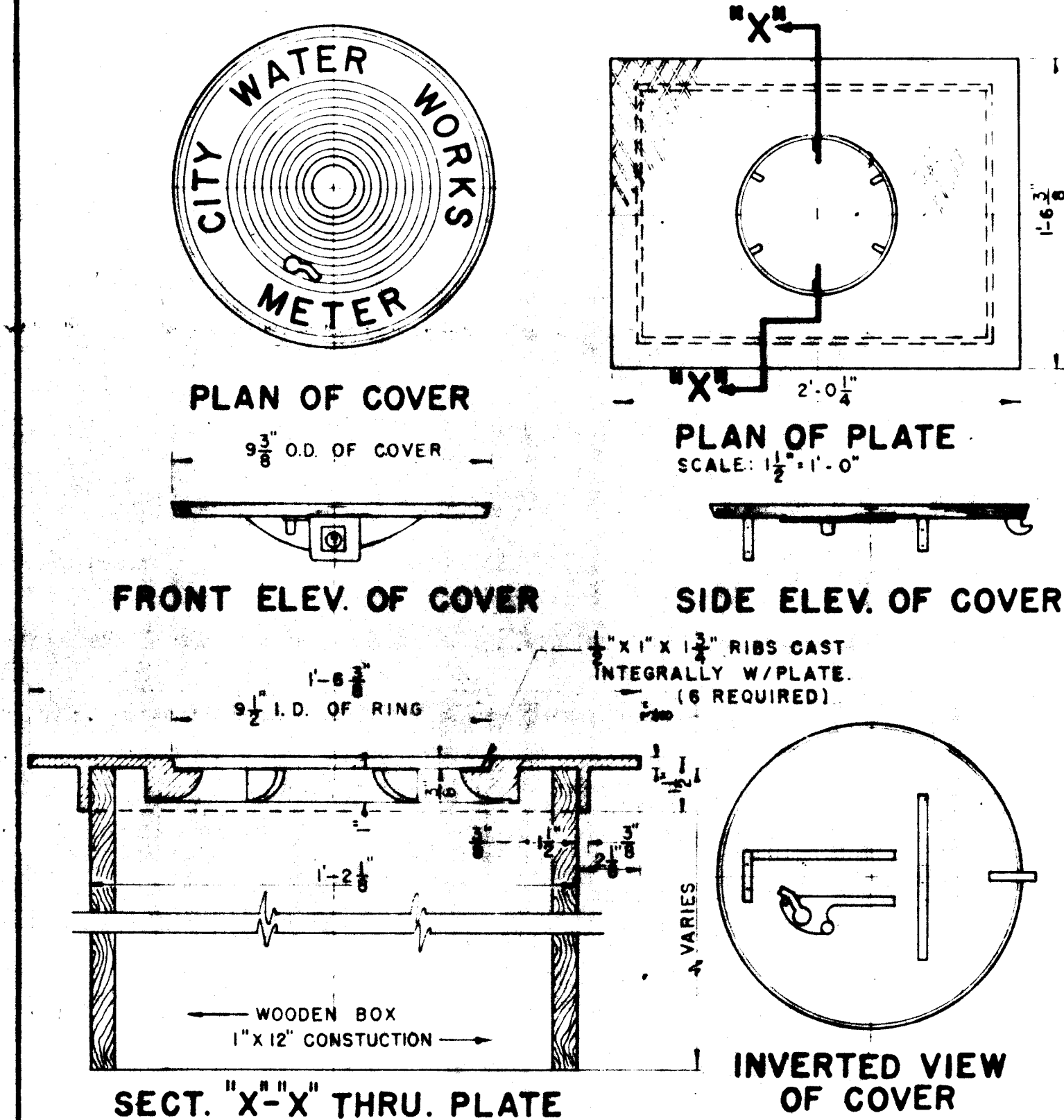
10 002 2774 AS BUILT

MARTINEZTOWN PAVING CONTRACT

WATER LINE DETAILS

PROJECT NO. N.M. A-1-1			
NEIGHBORHOOD DEVELOPMENT PROGRAM			
URBAN DEVELOPMENT AGENCY OF ALBUQUERQUE			
albuquerque	bernalillo	county	new mexico
DATE	JOB NO	SCALE	DRAWN: O.R.
10-72	72-52	NO SCALE	CHK'D: R.L.
			SHEET 27 OF 39

DETAILS FOR LIGHT SIDEWALK PLATE

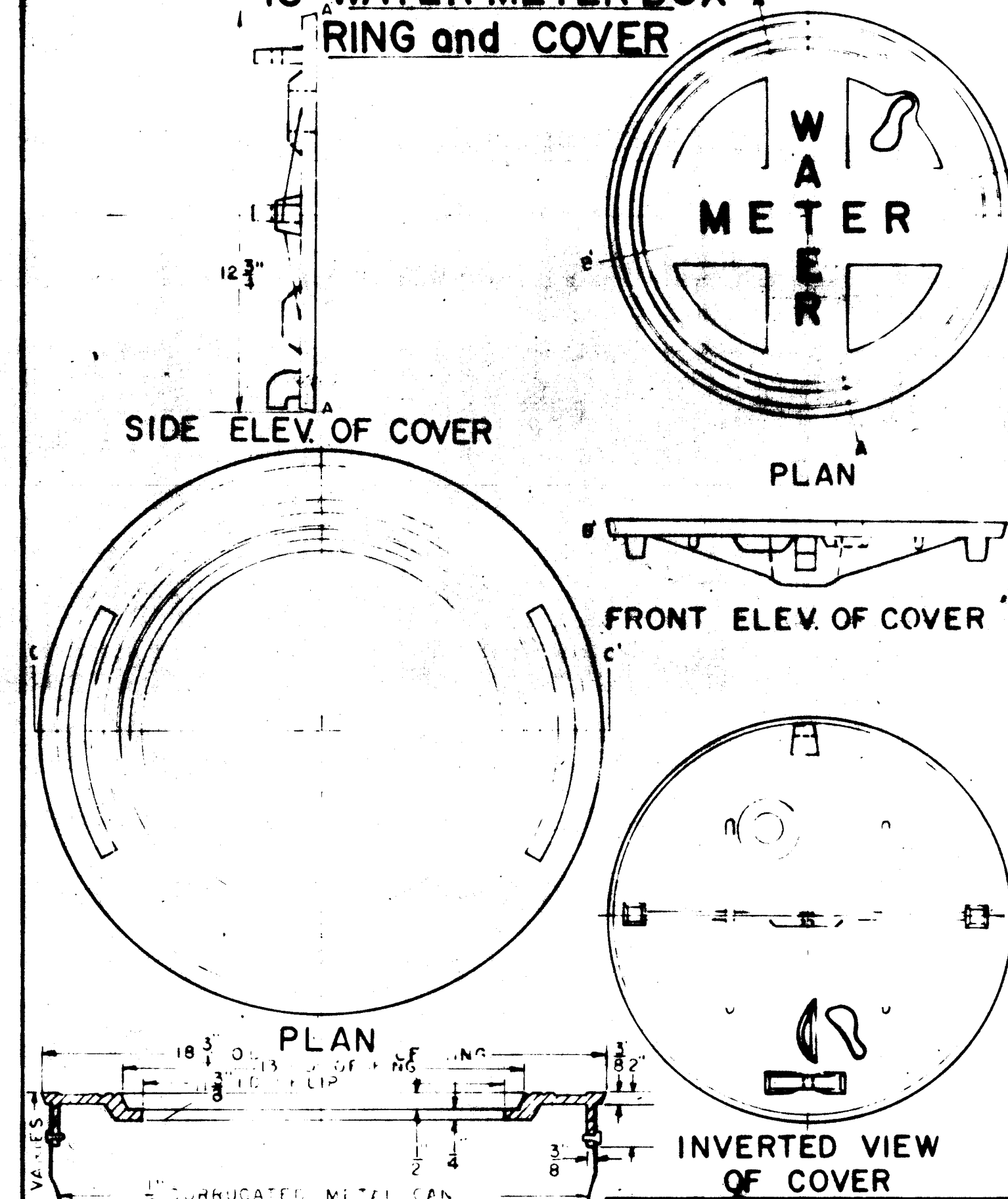


NOTE: FOR LOCK DETAILS SEE GENERAL DETAIL SHEET.

WATER DIVISION
CITY of ALBUQUERQUE N.M.
MARCH 22, 1962

DWN. BY L. ORTIZ

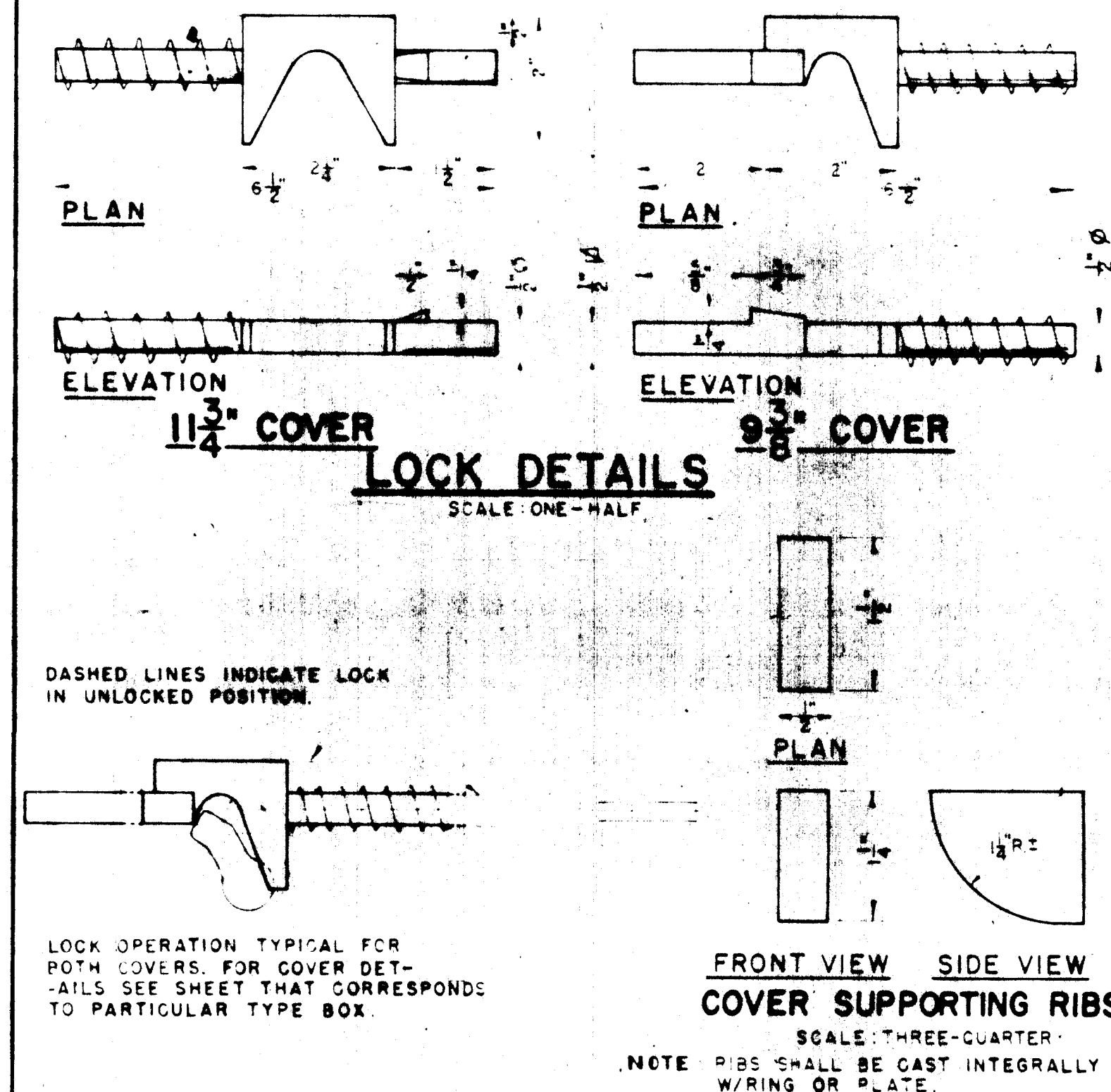
18" WATER METER BOX RING and COVER



WATER DIVISION
CITY of ALBUQUERQUE N.M.
SCALE: 1/2" = 1'-0" MAY 8, 1963 DWN BY R. Brynson

SECT. C-C THRU RING

GENERAL METER BOX DETAILS

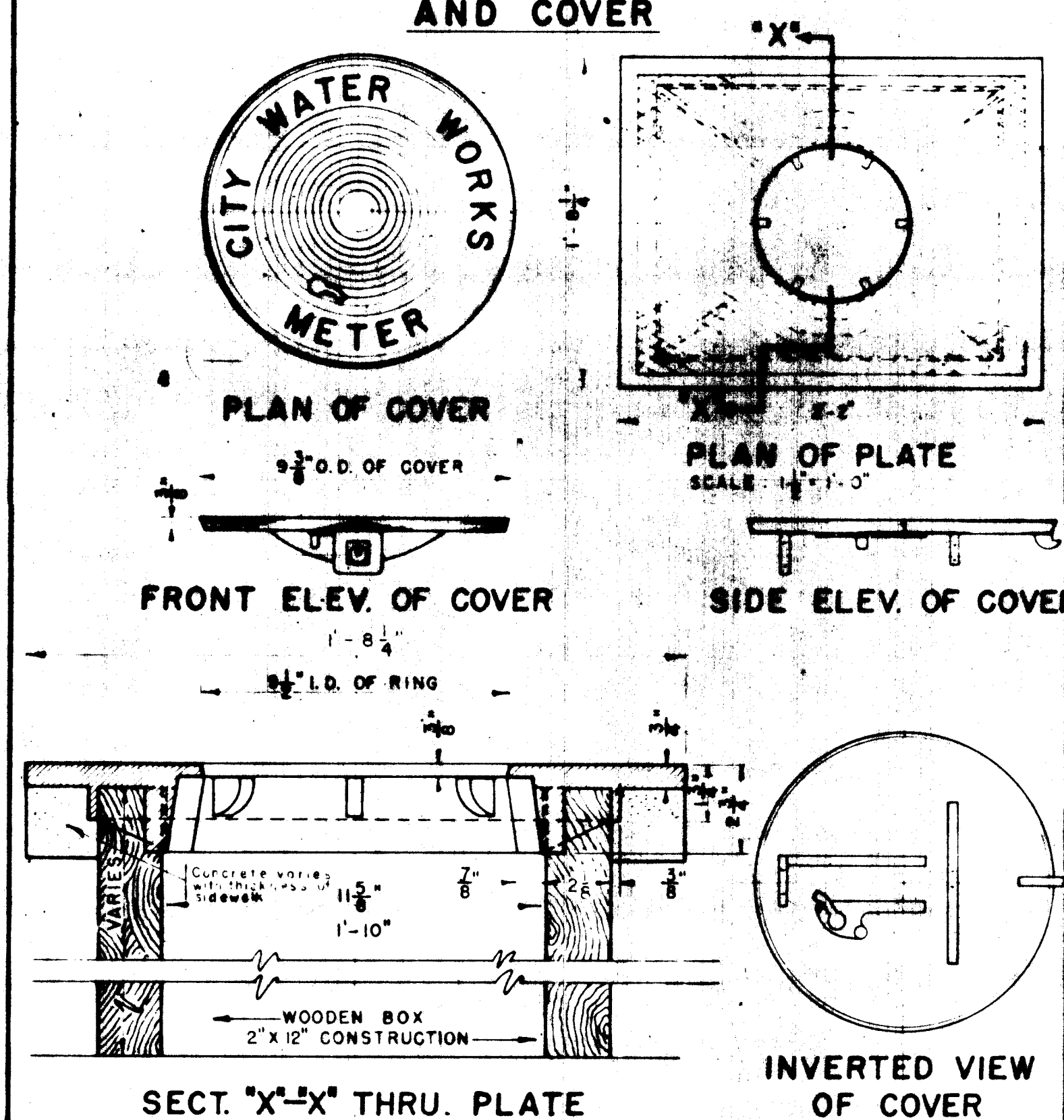


LOCK OPERATING
DETAILS
SCALE: ONE-HALF

WATER DIVISION
CITY of ALBUQUERQUE N.M.
MARCH 22, 1962

DWN BY L. ORTIZ

DETAILS FOR DRIVEWAY PLATE AND COVER

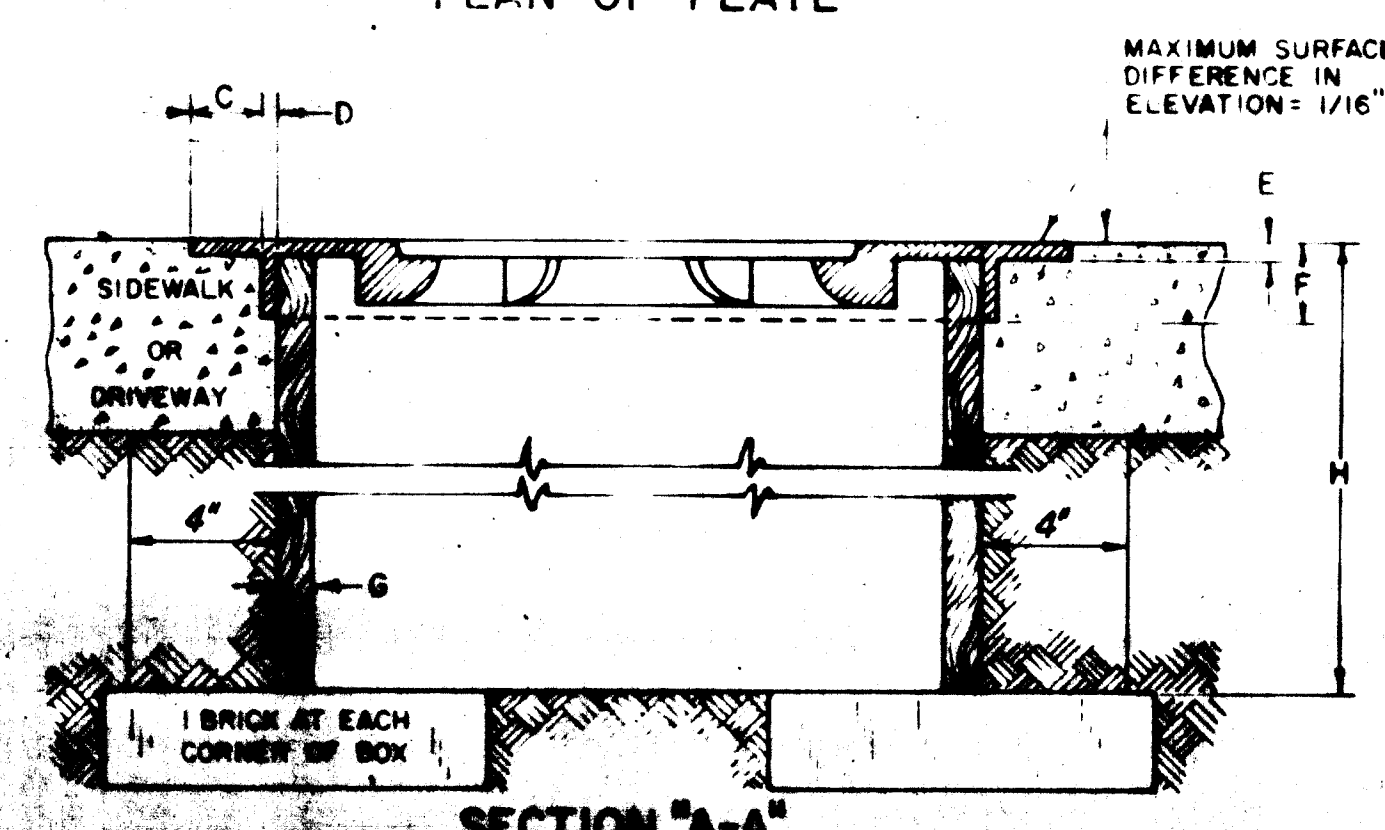
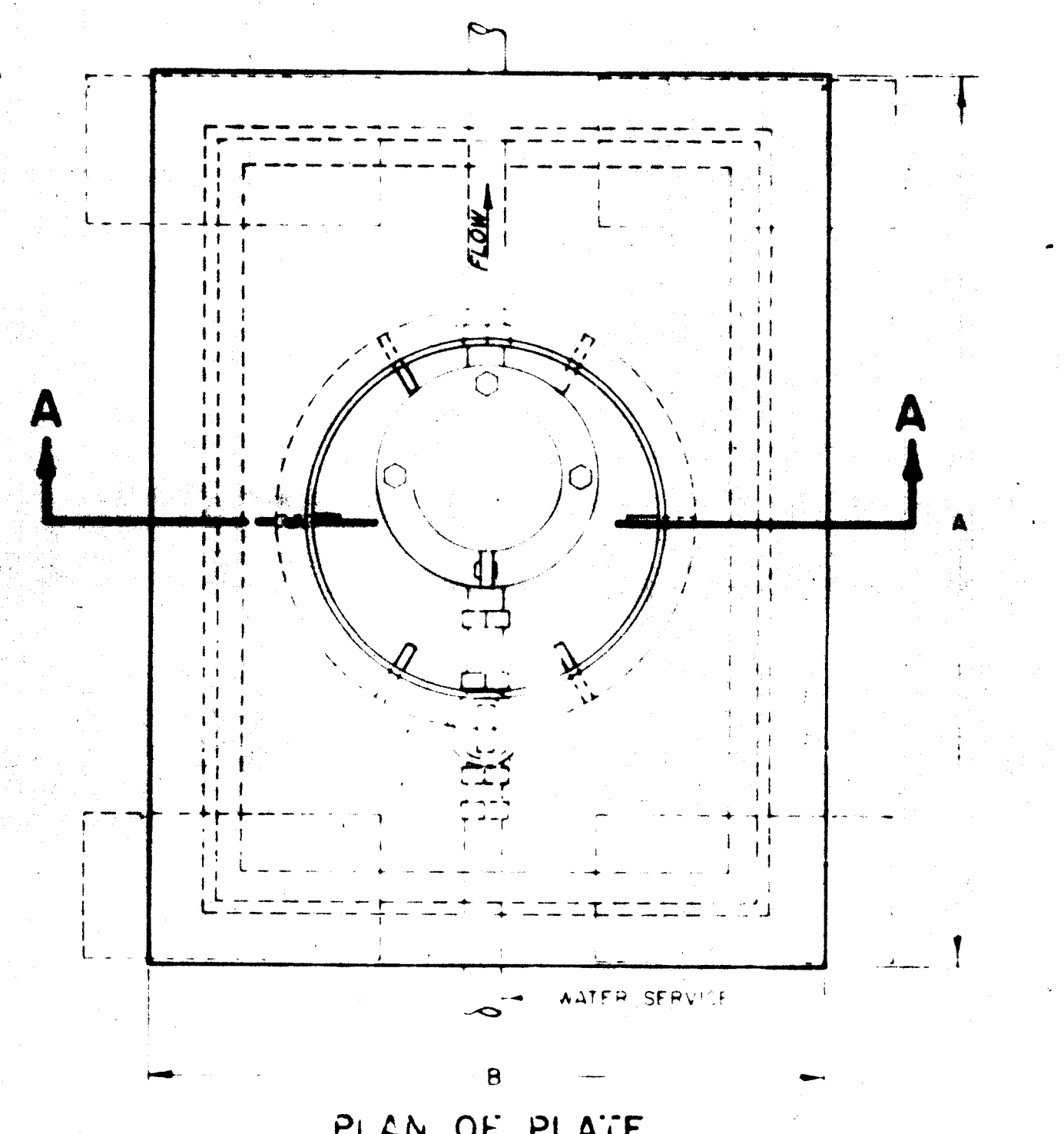


NOTE: FOR DETAILS OF LOCK AND COVER SUPPORTING RIBS SEE GENERAL DETAIL SHEET.

WATER DIVISION
CITY of ALBUQUERQUE N.M.
MARCH 22, 1962

DWN BY L. ORTIZ

METER BOX INSTALLATION METHOD (in sidewalk or driveway)



DIMENSION	SIDEWALK PLATE	DRIVEWAY PLATE
A	2'-0 1/4"	2'-2"
B	1'-6 3/8"	1'-8 1/4"
C	1 3/4"	1 3/4"
D	3/8"	3/8"
E	3/8"	3/4"
F	1-1/2"	2 3/4"
G	1"	2"
H	VARIES	VARIES

NOTE: A METER BOX SHALL BE A SIDEWALK PLATE TYPE FOR USE IN SIDEWALKS, WALKS, ETC.
IT SHALL BE A DRIVEWAY PLATE, WHICH IS STRONGER, WHERE VEHICLES WILL RUN OVER IT, SUCH AS IN DRIVEWAYS, PARKING PADS, ETC.

CONRAD GONZALES
Chief Water Engineer
Water Division
January 25, 1965
DRAWN: 1-15-65
BY: P. J. J.

10 002 2874 AS BUILT

MARTINEZTOWN PAVING CONTRACT

WATER METER BOX INSTALLATION
DETAILS

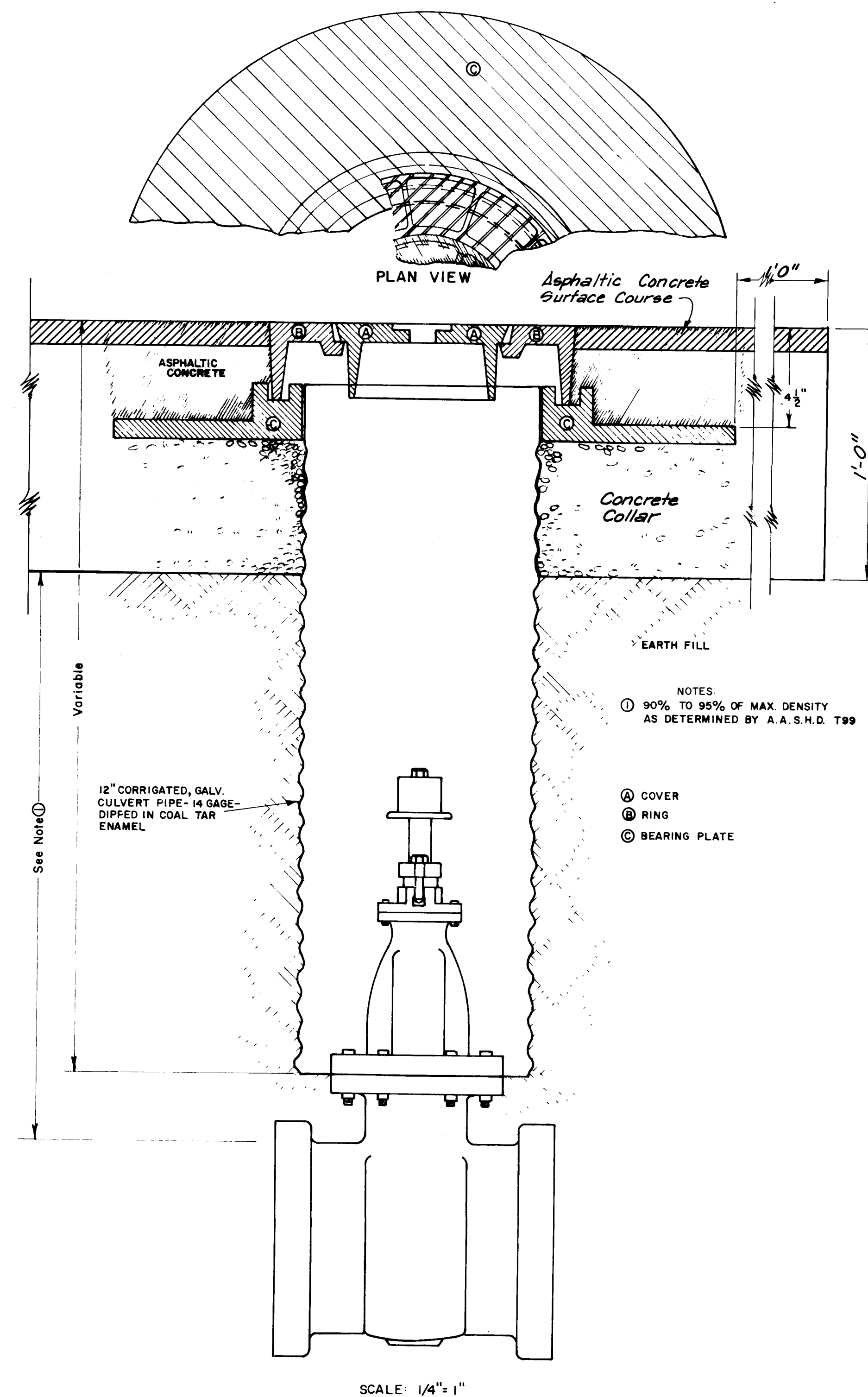
PROJECT NO. NM. A-1-1
NEIGHBORHOOD DEVELOPMENT PROGRAM

URBAN DEVELOPMENT AGENCY OF ALBUQUERQUE
albuquerque bernalillo county new mexico

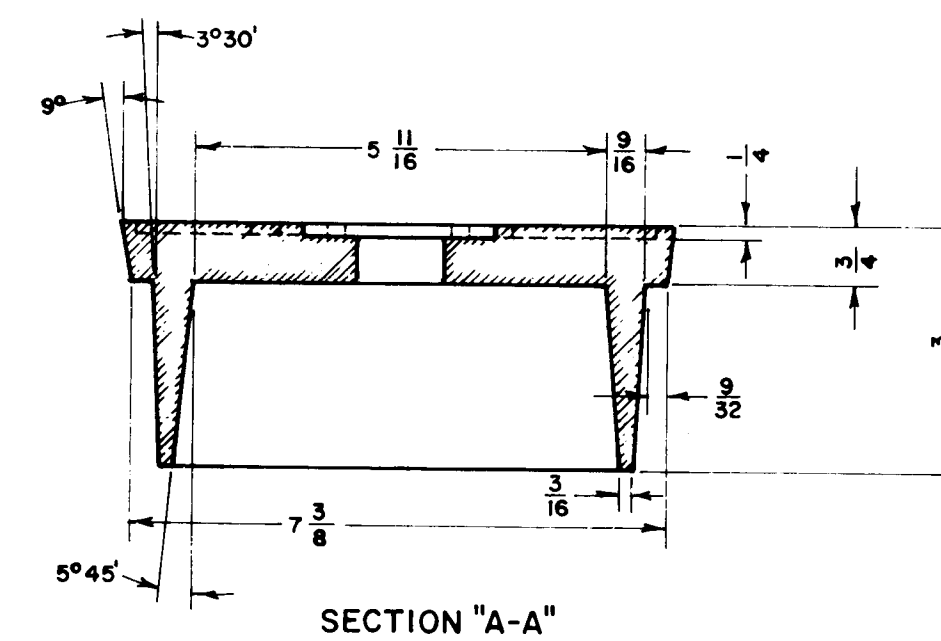
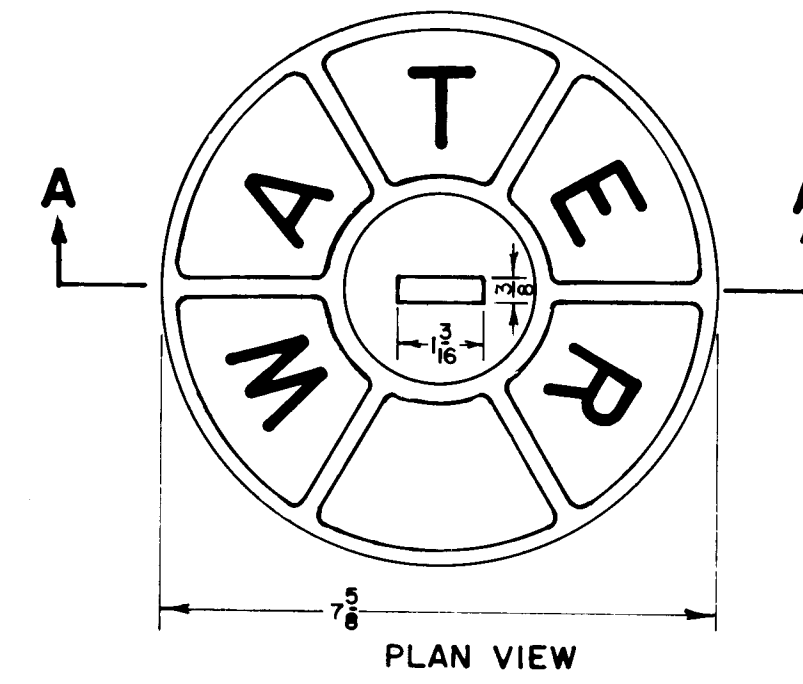
DATE 10-72 JOB NO 72-52 SCALE AS SHOWN DRAWN: J.L. SHEET 28
CHK'D: R.L. OF 39

Scanton & associates, inc.
albuquerque Consulting Engineers santa fe

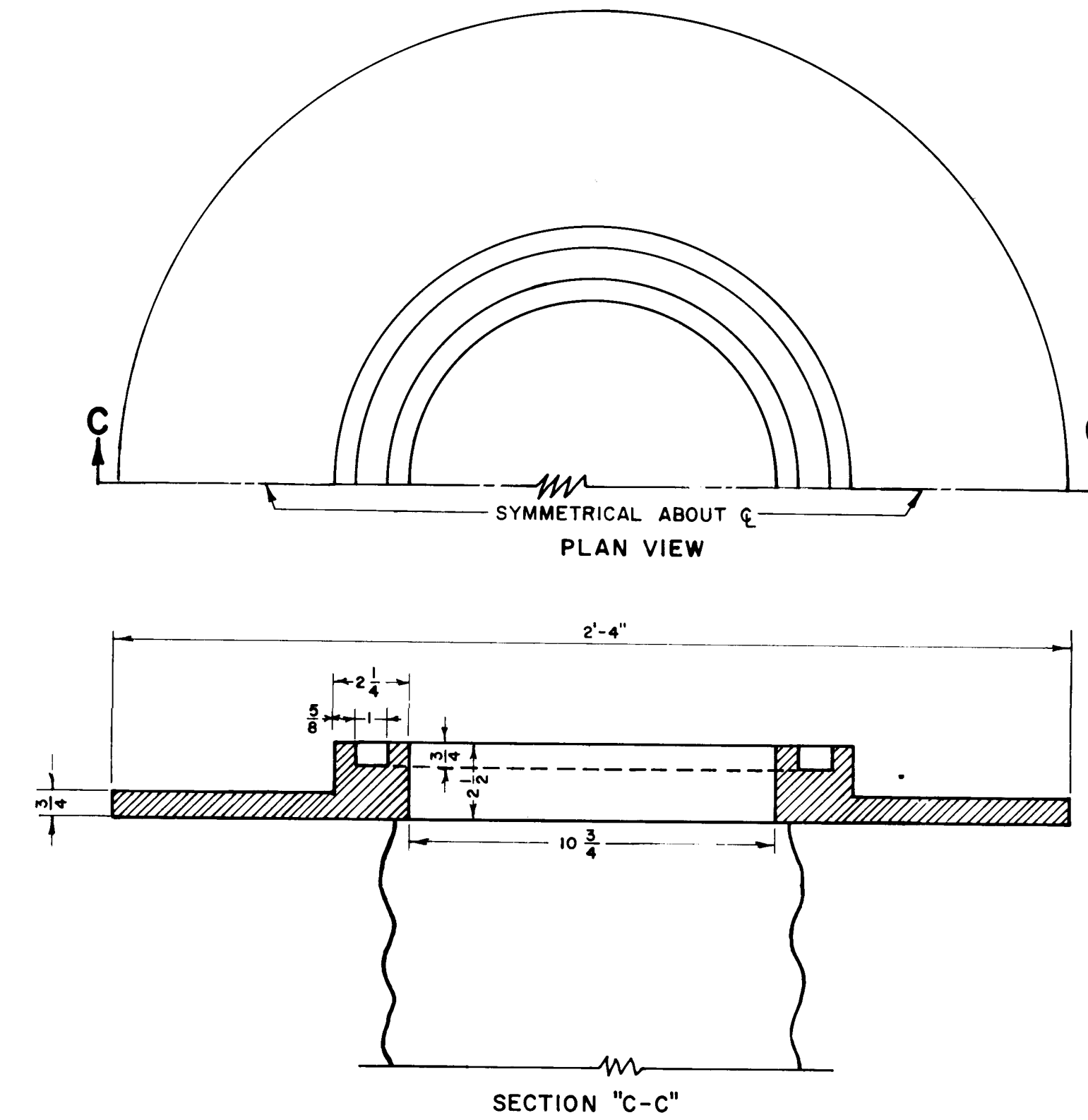
STANDARD CITY OF ALBUQUERQUE VALVE BOXES



TYPE "A"

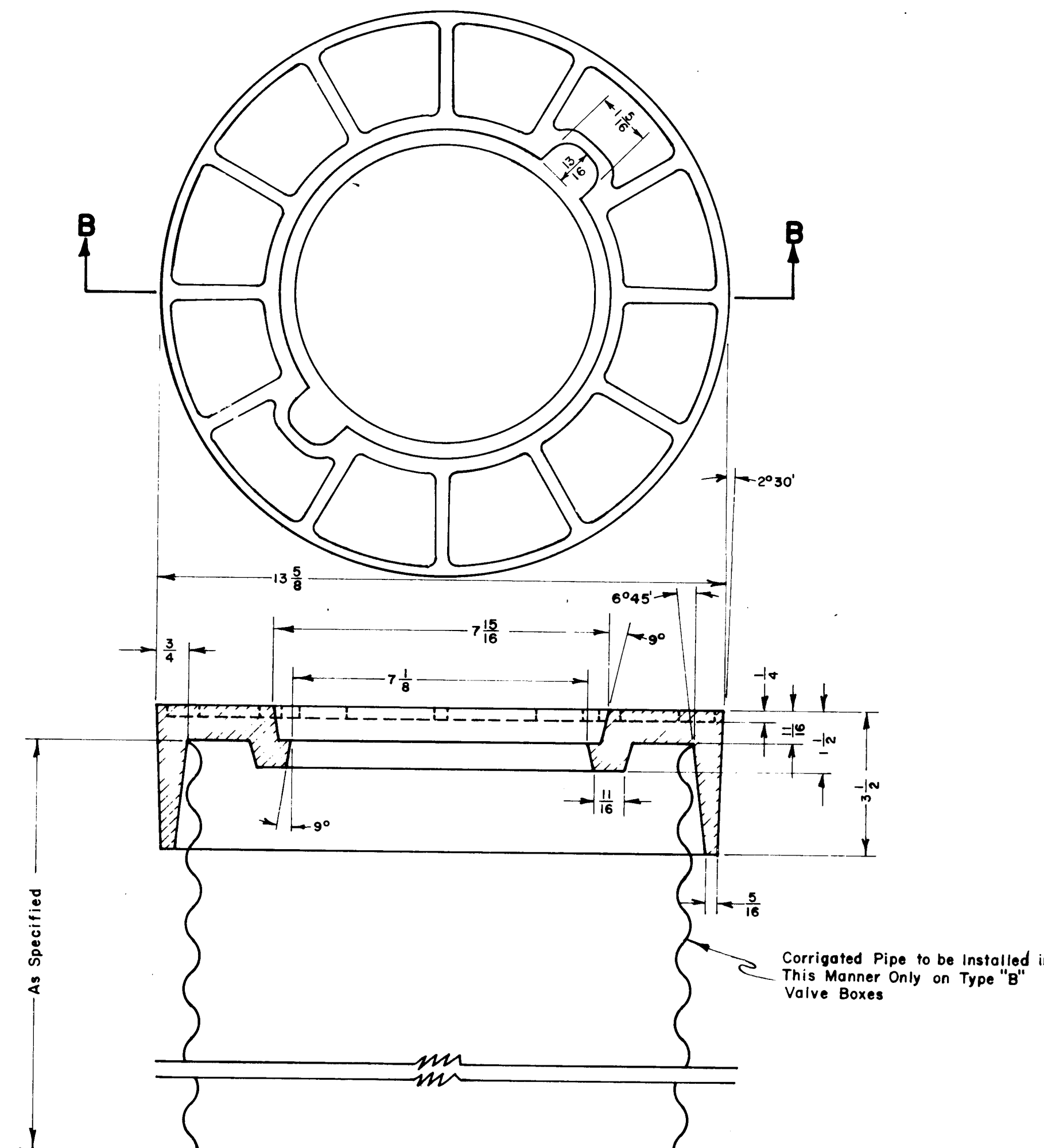


DETAIL A
SCALE: 3/8" = 1"



DETAIL C
SCALE: 3" = 1"

NOTE:
 THE TYPE "B" VALVE BOX IS AS PER DETAILS "A" & "B" OF TYPE "A" VALVE BOX.



DETAIL B
SCALE: 3/8" = 1"

10-002 2974 AS BUILT

MARTINEZTOWN PAVING CONTRACT

WATER VALVE BOX DETAILS

PROJECT NO. N.M. A-1-1				
NEIGHBORHOOD DEVELOPMENT PROGRAM				
URBAN DEVELOPMENT AGENCY OF ALBUQUERQUE				
albuquerque	bernallillo	county	new	mexico
DATE	JOB NO	SCALE	DRAWN: J.V.	SHEET 29
10-72	72-52	AS SHOWN	CHK'D: R.L.	OF 39

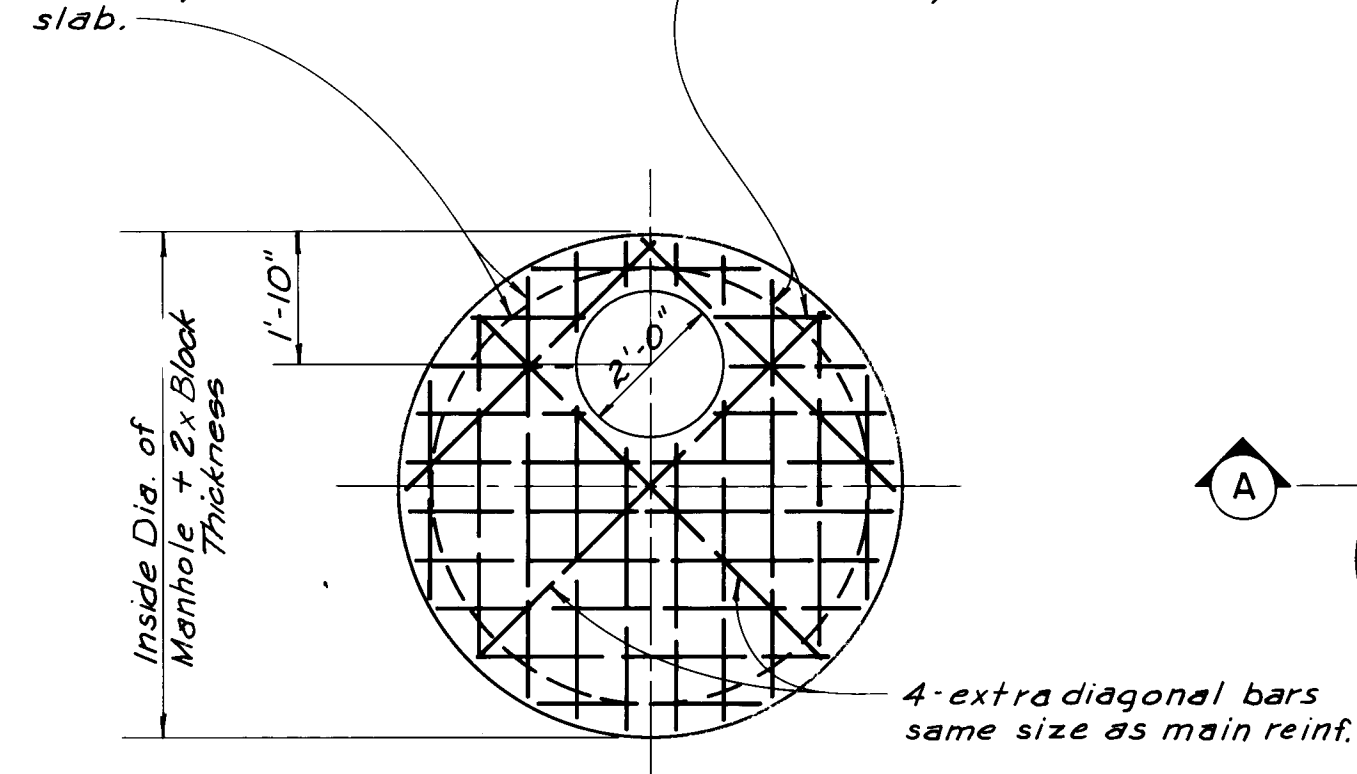
Scanlon & associates, inc.
 albuquerque Consulting Engineers santa fe

29

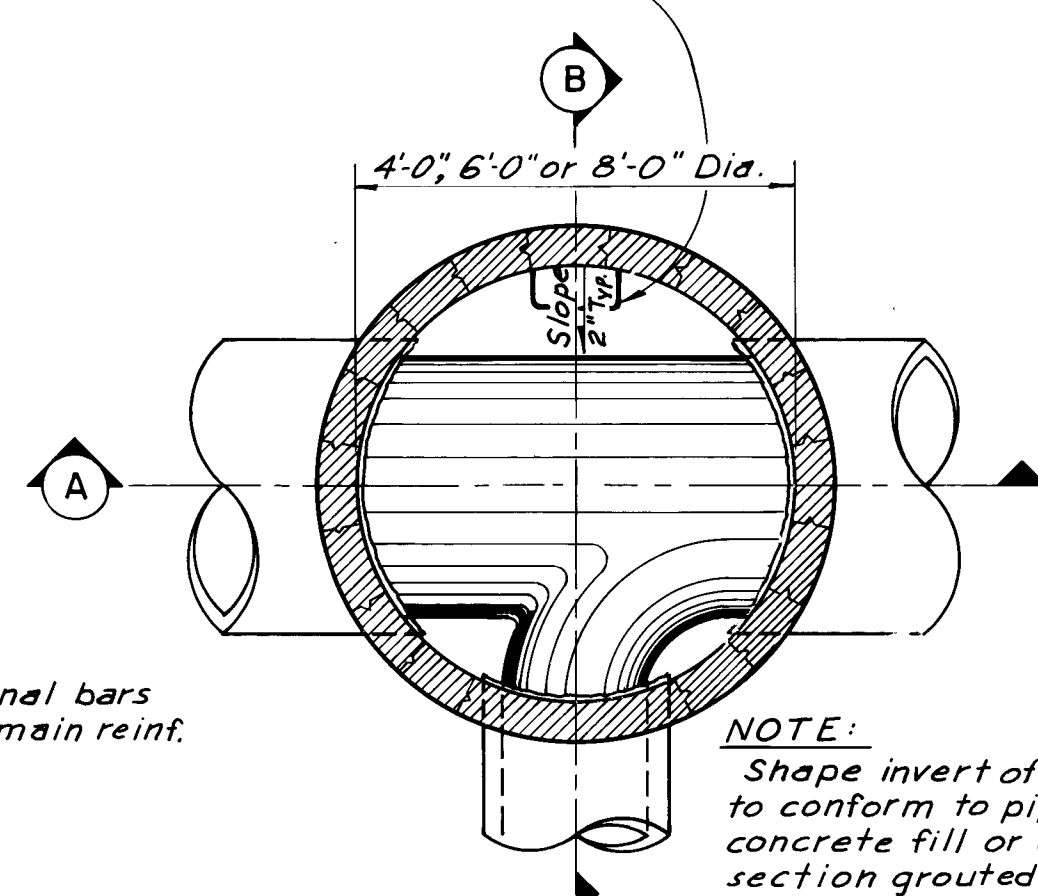
8' Dia. Manhole
Reinforce with #8 @ 8
each way @ bottom of
slab.

4' or 6' Dia. Manhole
Reinforce with #6 @ 8
each way @ bottom of slab.

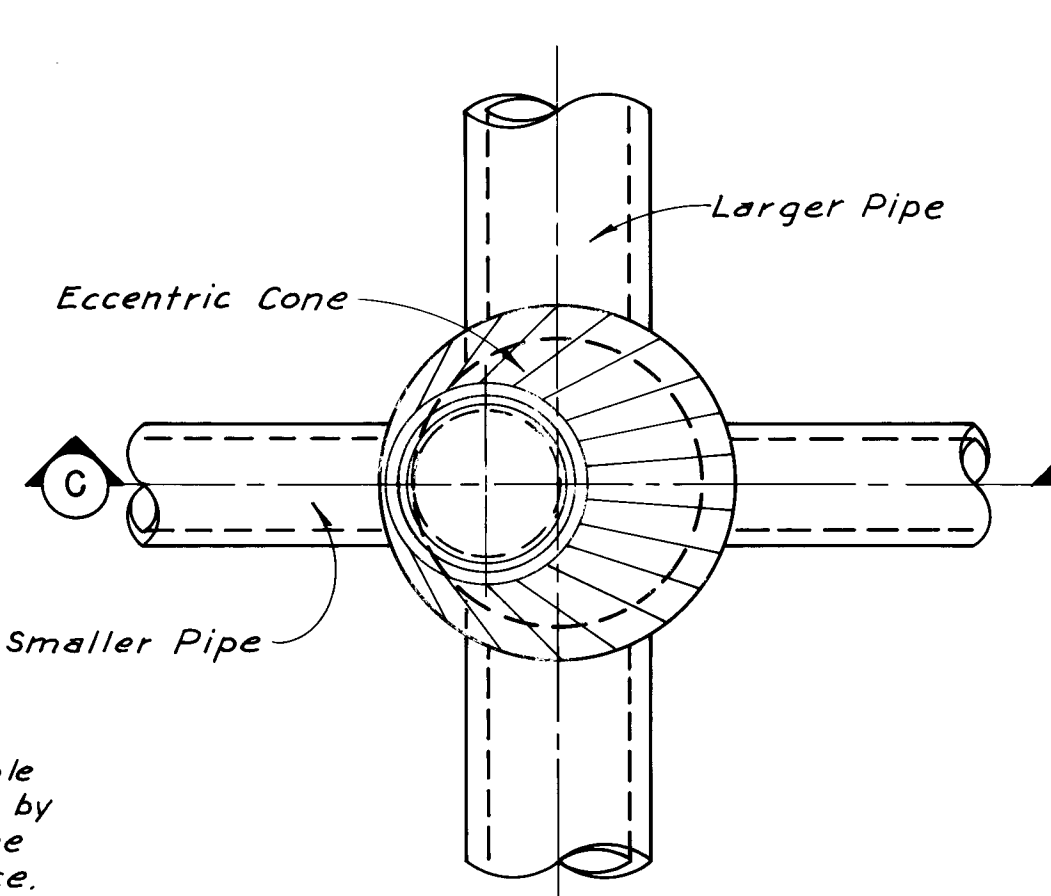
All Manhole steps @ 16" o.c.
Vertical top step 18" MAX.
from top of frame where
possible.



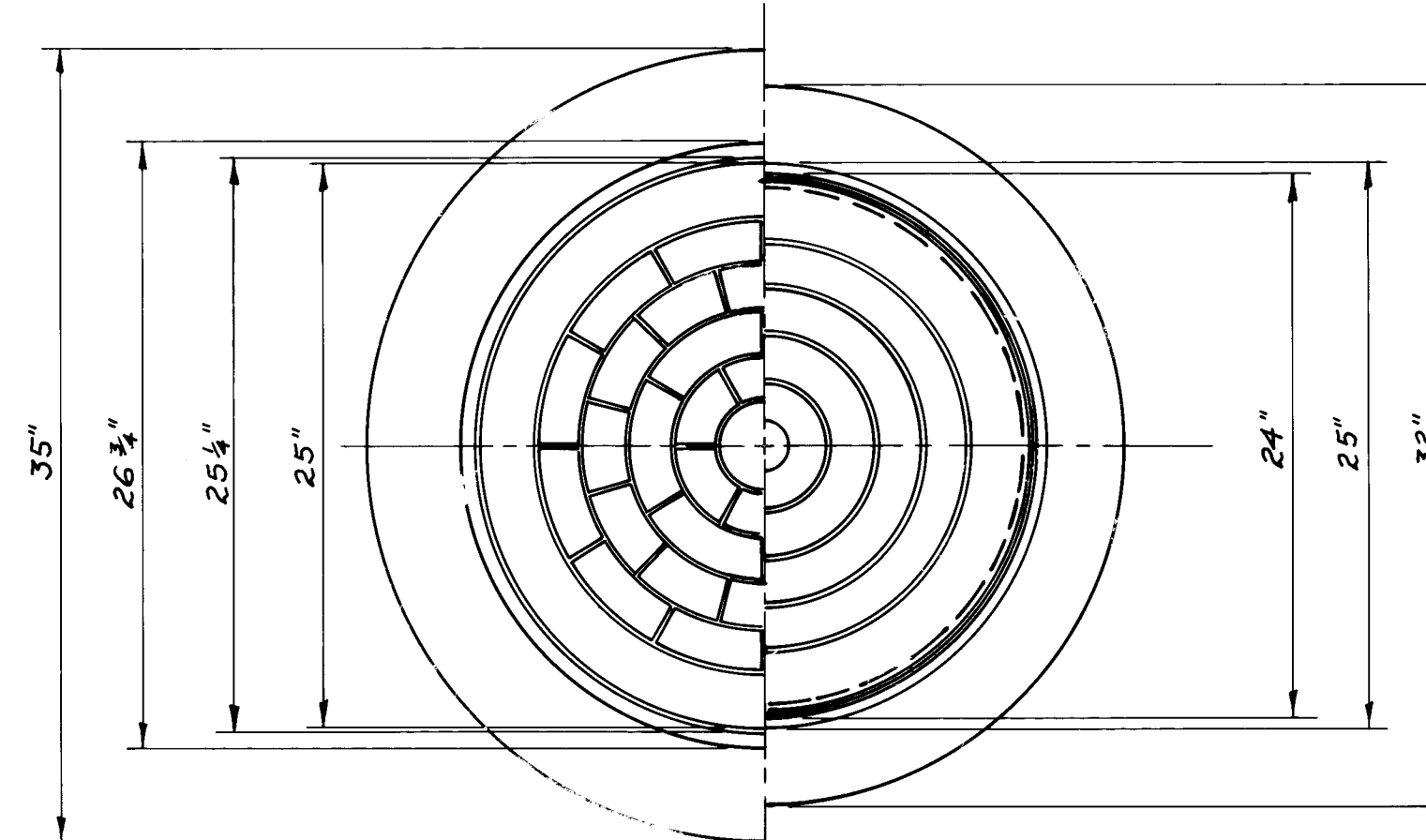
PLAN - PRECAST COVER



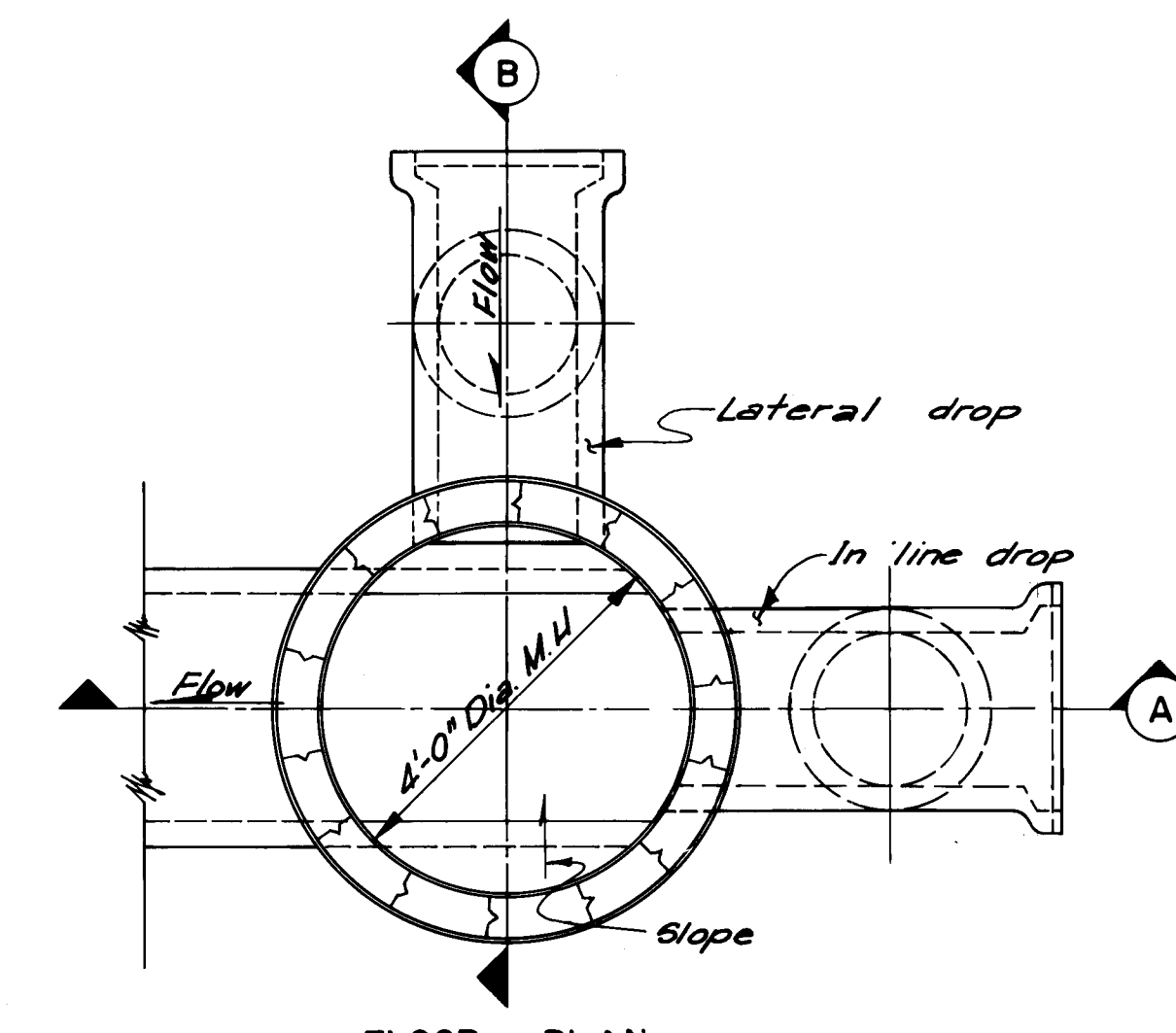
FLOOR PLAN
TYPICAL MANHOLE



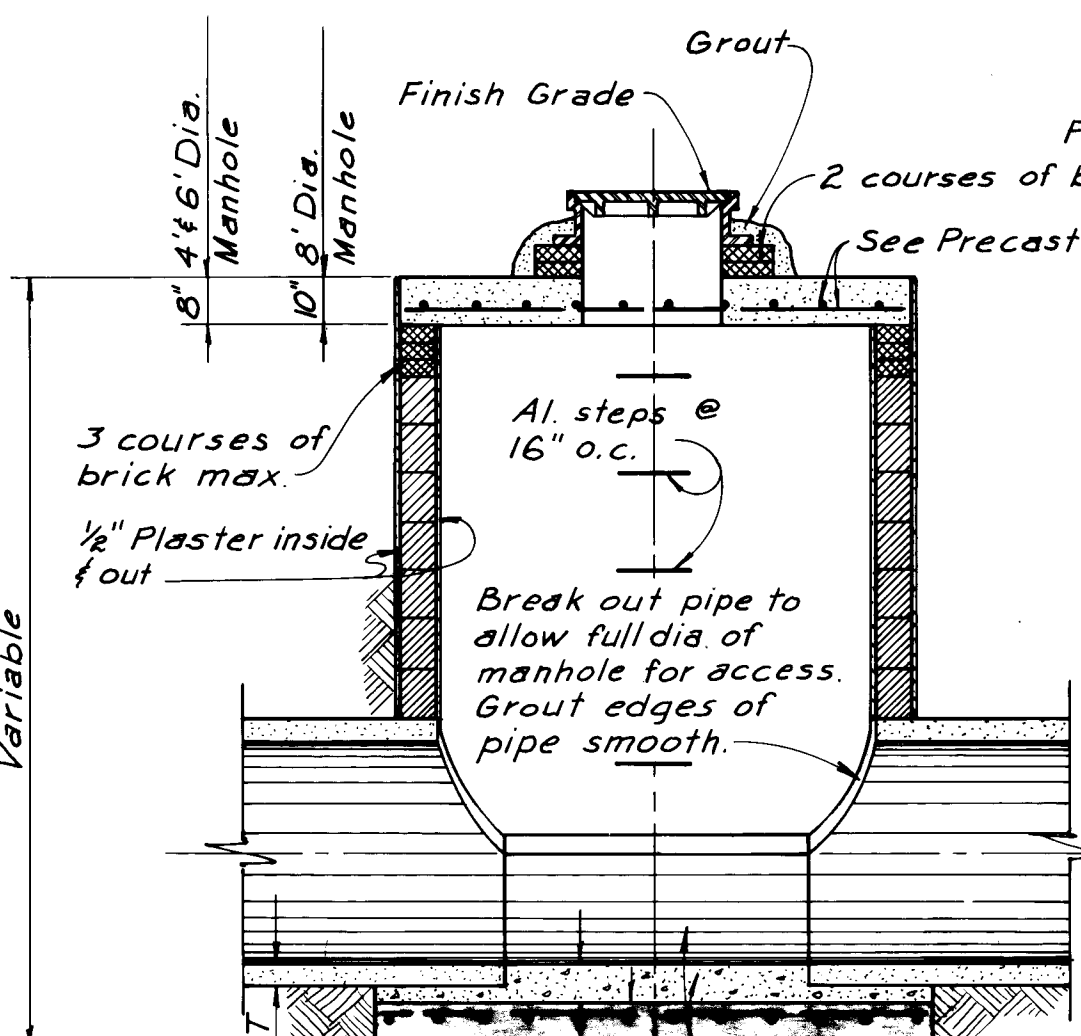
TOP PLAN



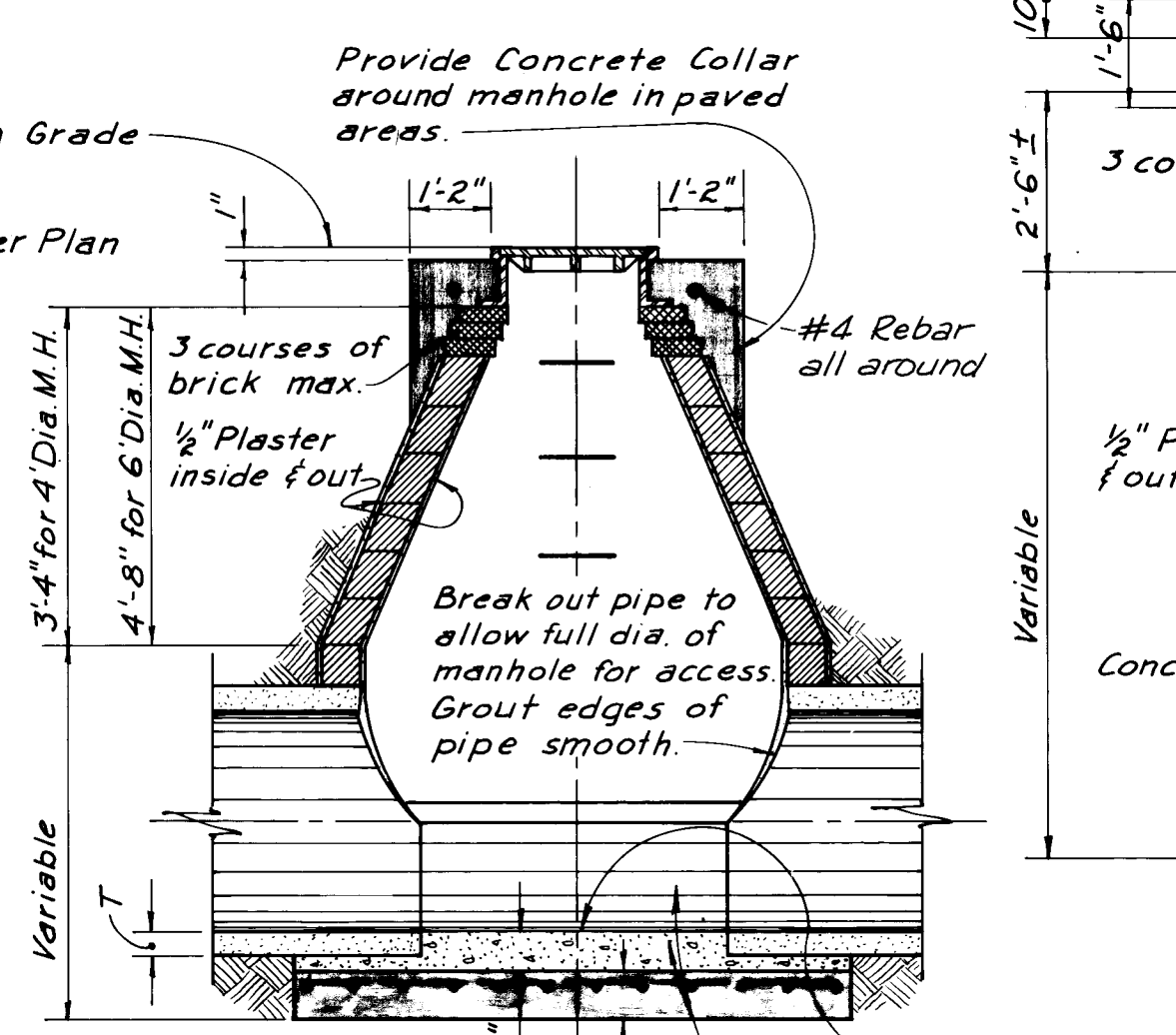
HALF PLANS



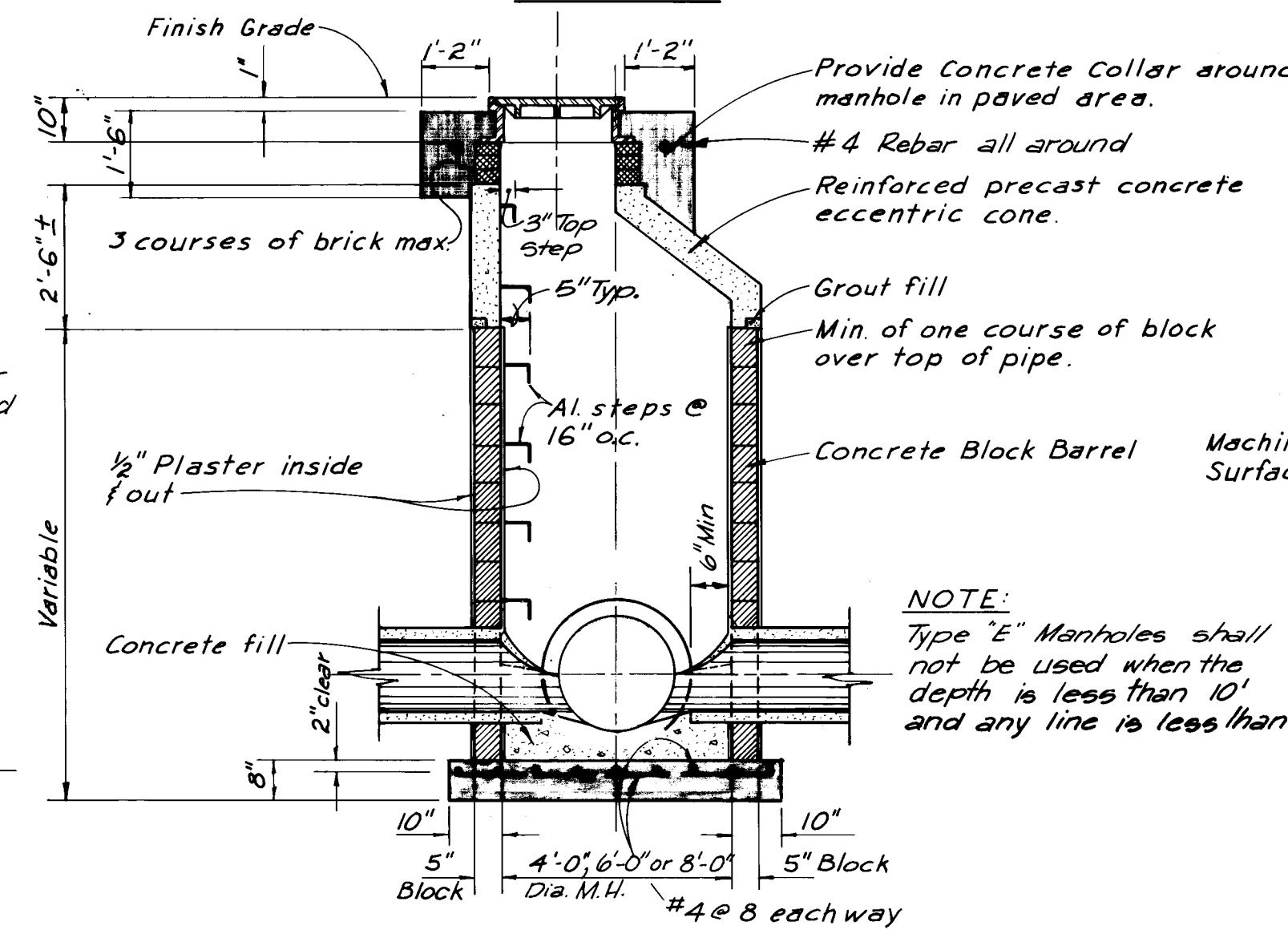
FLOOR PLAN



SECTION A



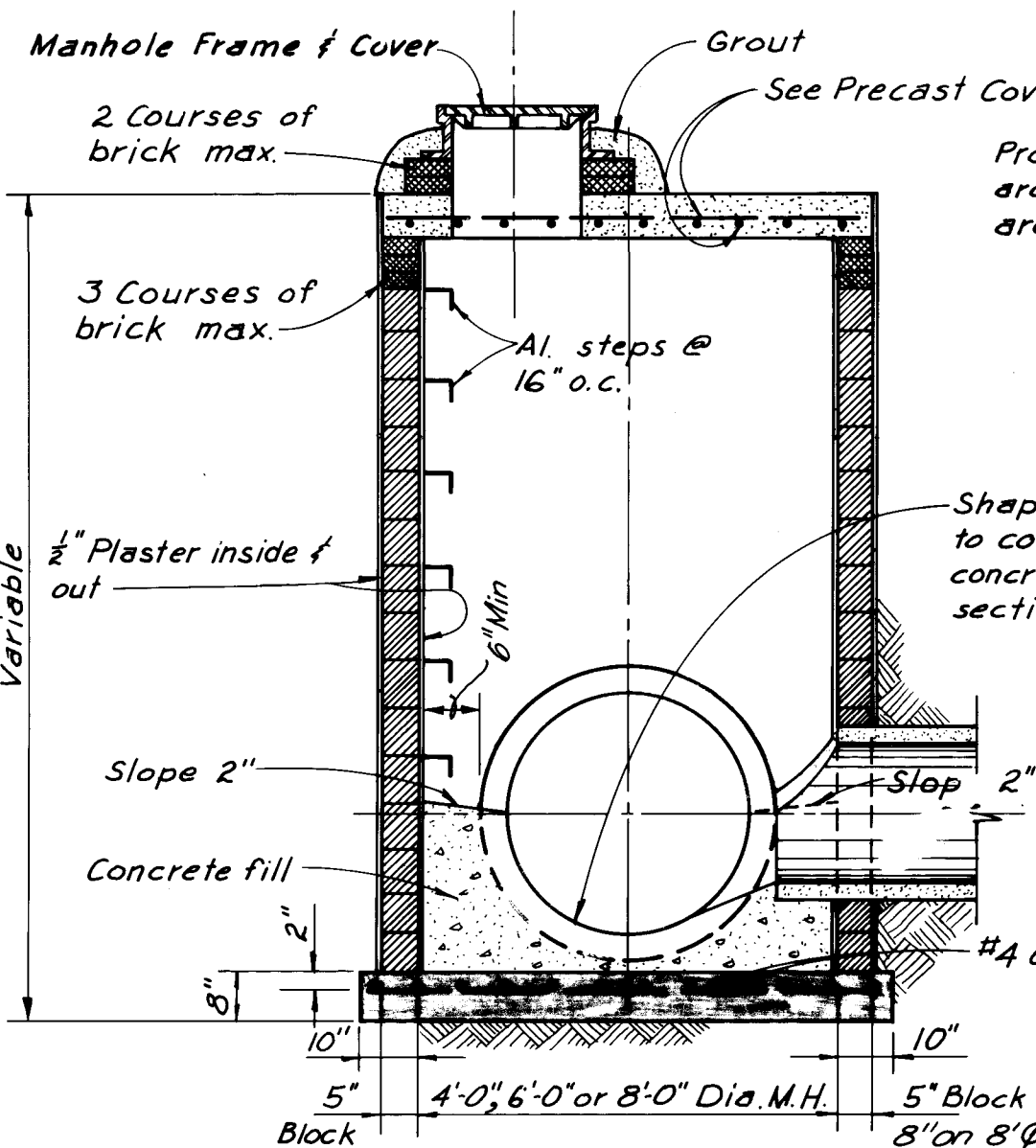
SECTION A



SECTION C

TYPE E MANHOLE

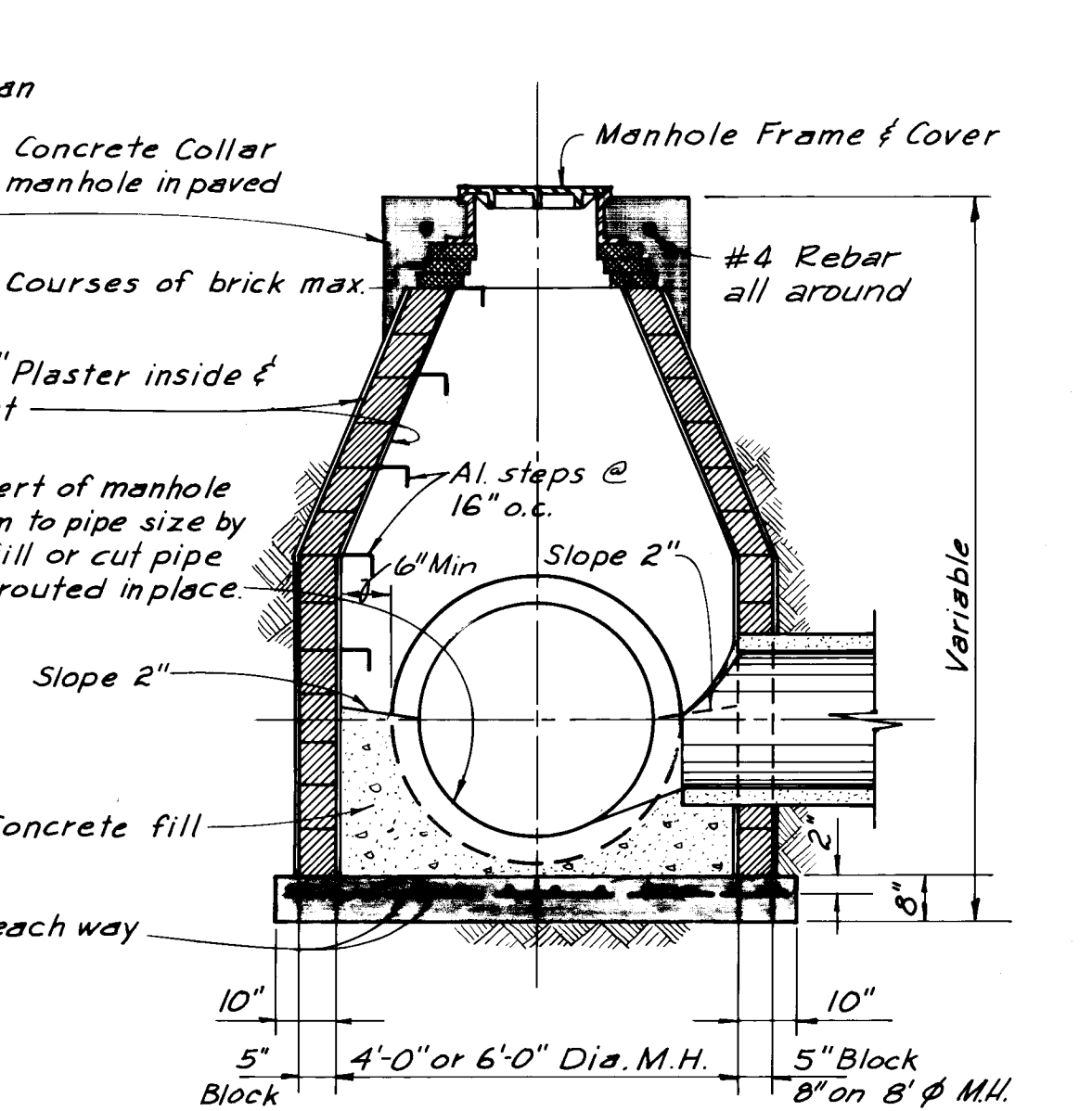
SCALE: 3/8"=1'-0"



SECTION B

TYPE C MANHOLE

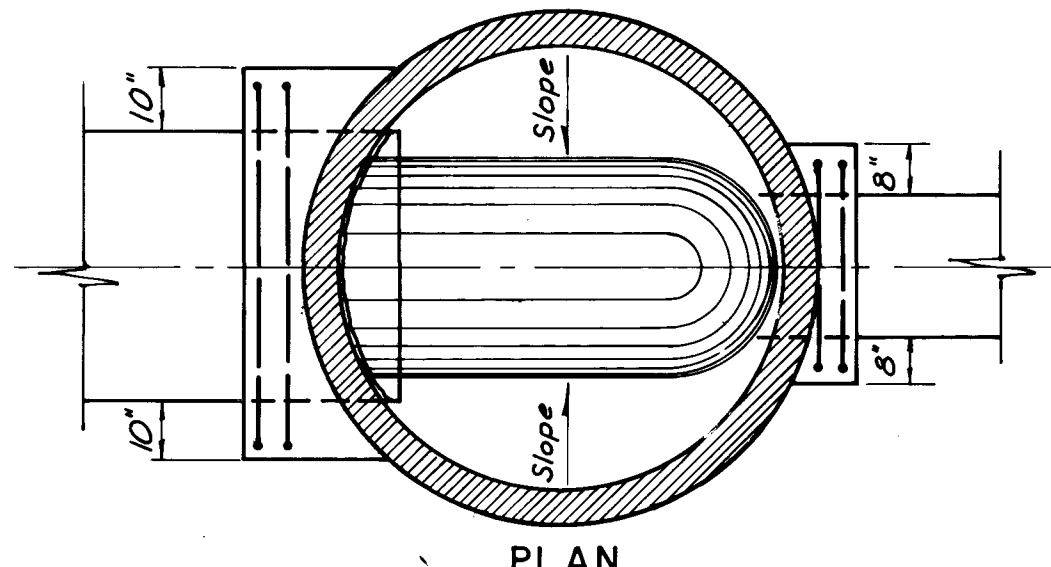
SCALE: 3/8"=1'-0"



SECTION B

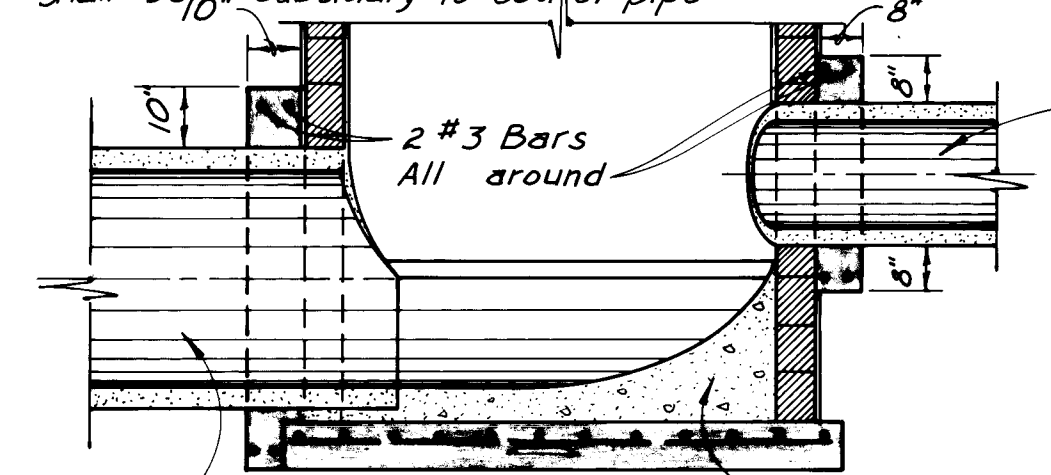
TYPE B MANHOLE

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



PLAN

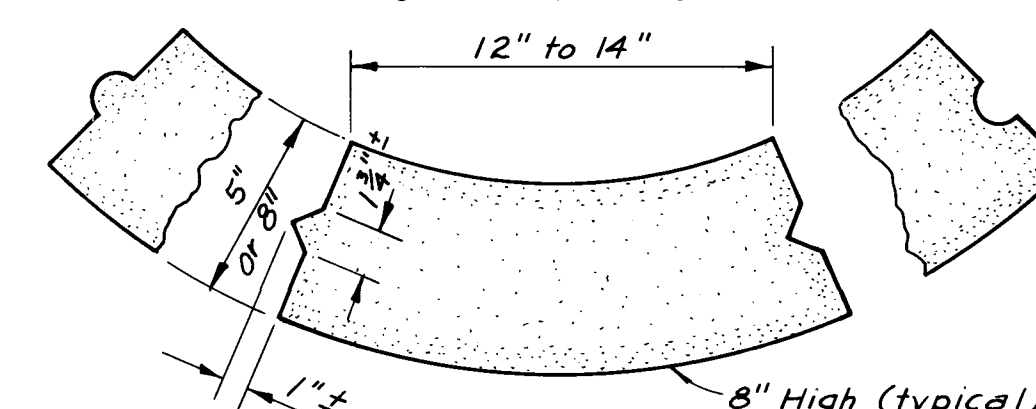
NOTE: Collars shall be used when any pipe is connected to an existing or previously constructed manhole and where otherwise shown on the drawings. Placement of Collars shall be 10" Subsidiary to Center of pipe.



SECTION

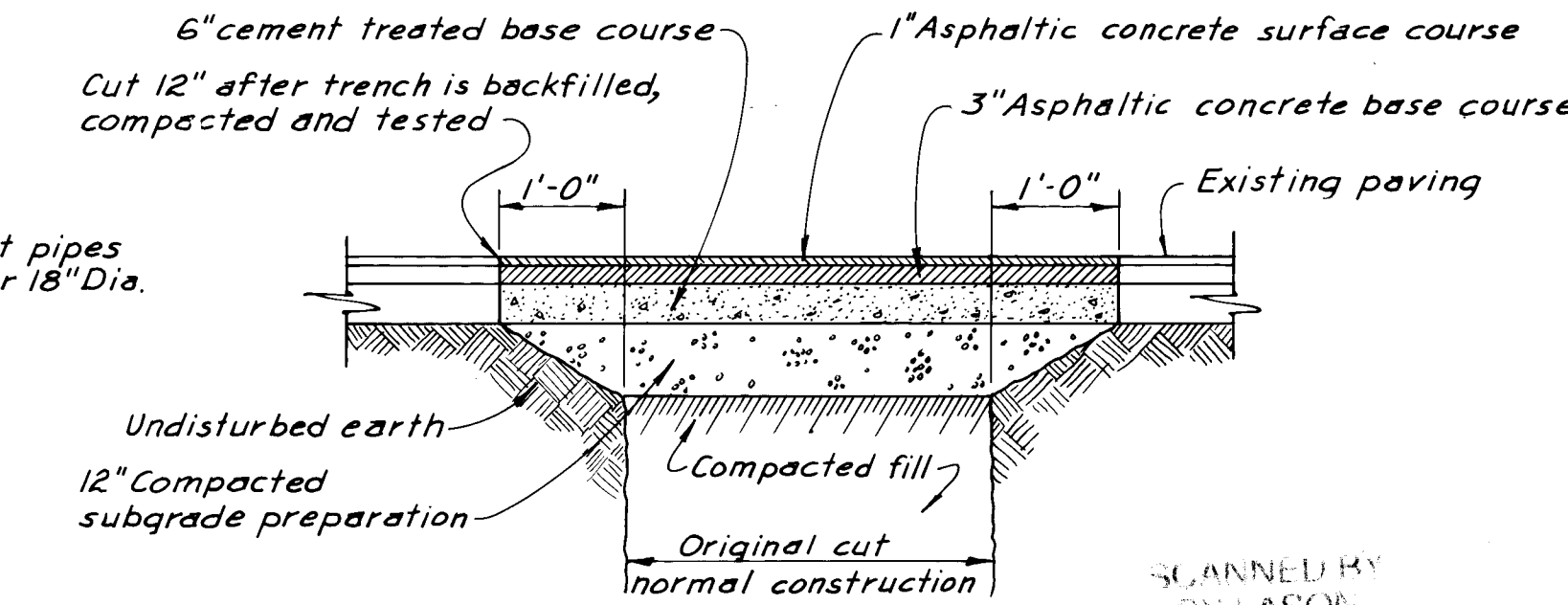
CONCRETE COLLAR DETAIL

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



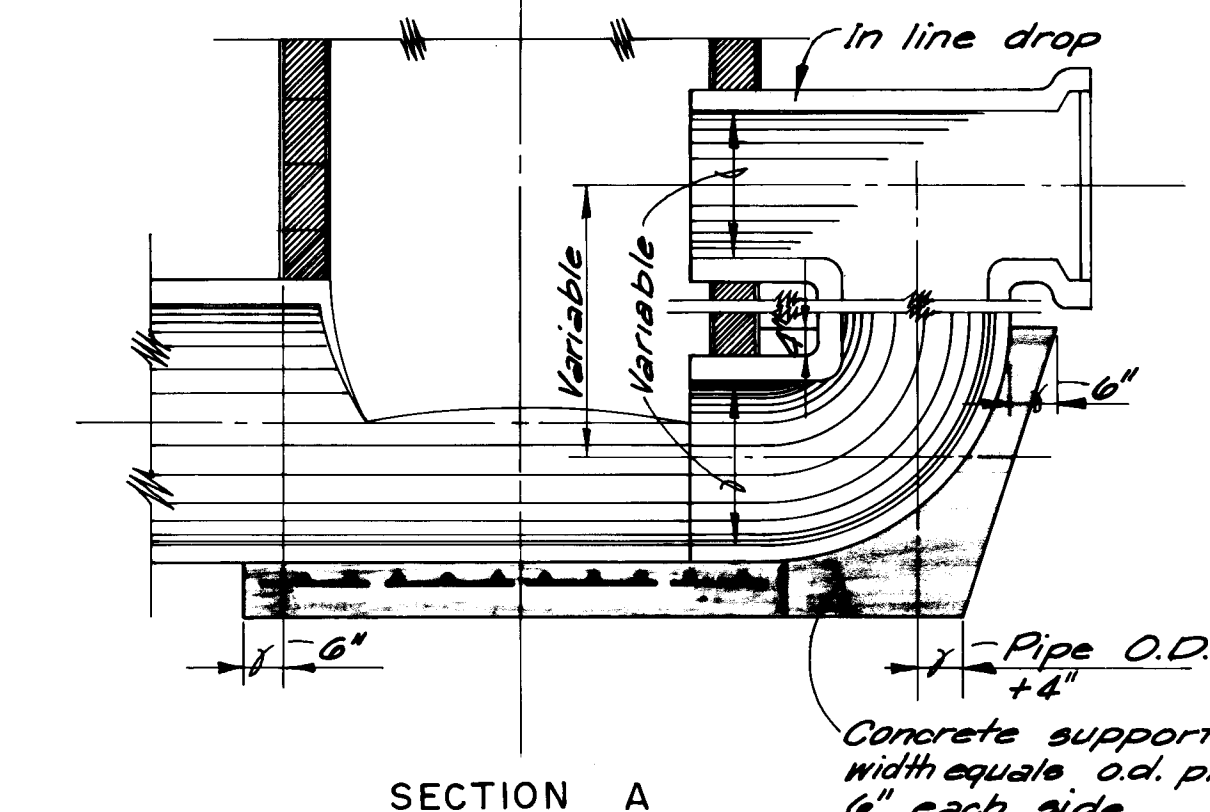
TYPICAL CONCRETE BLOCK DETAIL

NOT TO SCALE



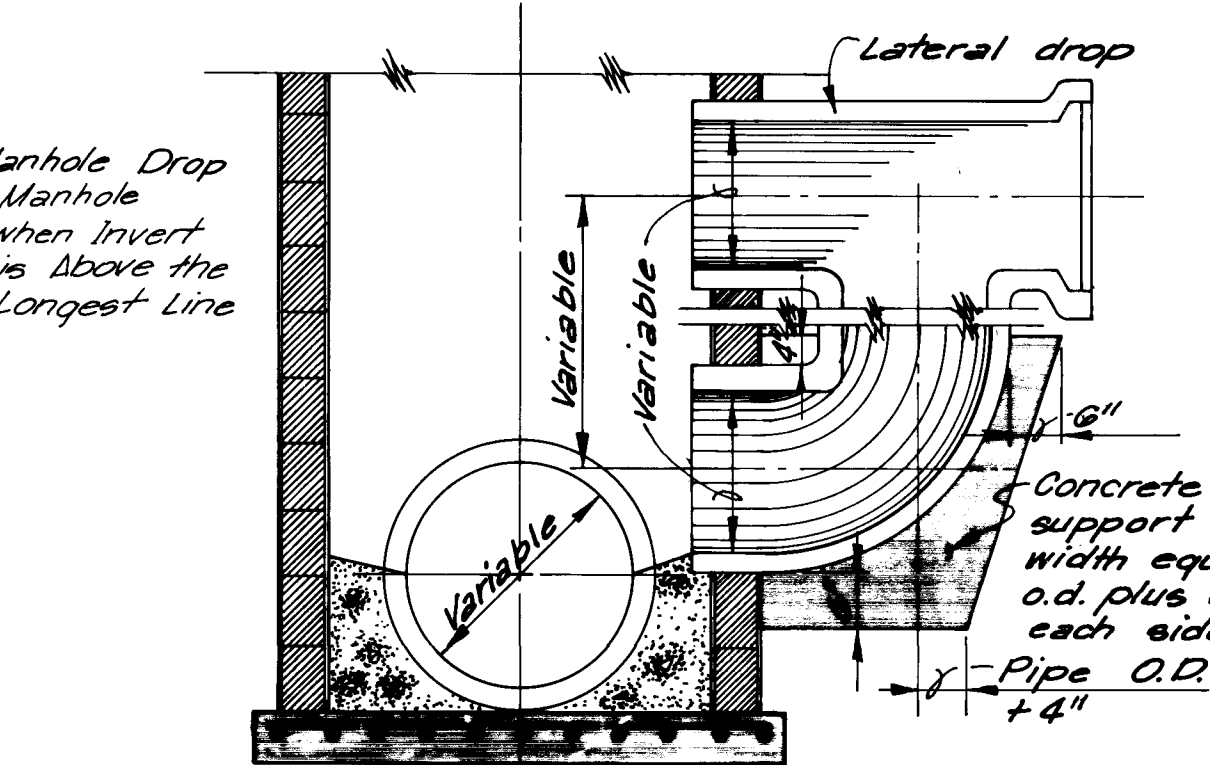
PAVEMENT CUT DETAIL

SCANNED BY
RYSASON



SECTION A

IN LINE DROP MANHOLE



SECTION B

LATERAL DROP MANHOLE

MANHOLE DROP DETAIL

AS BUILT

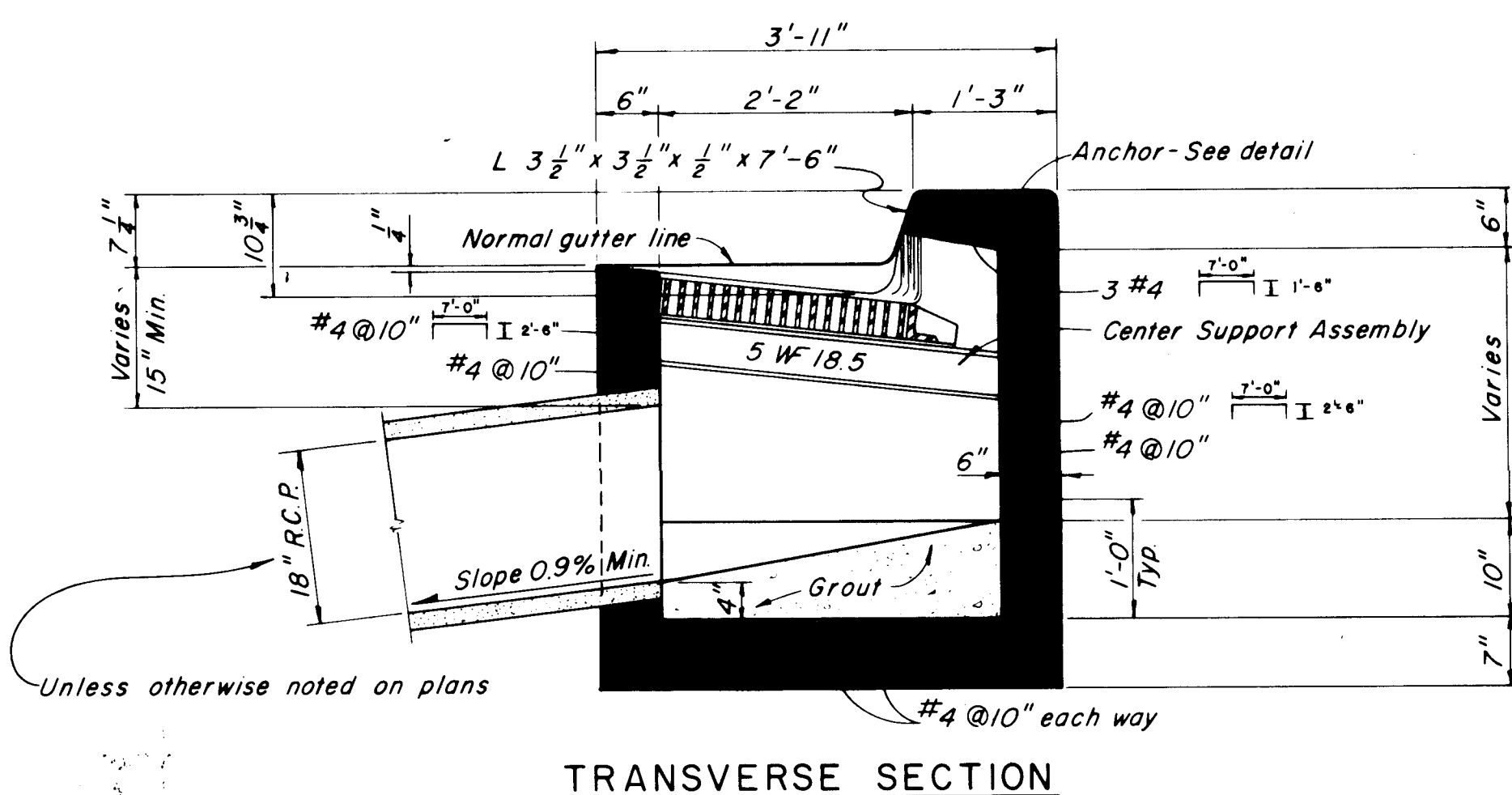
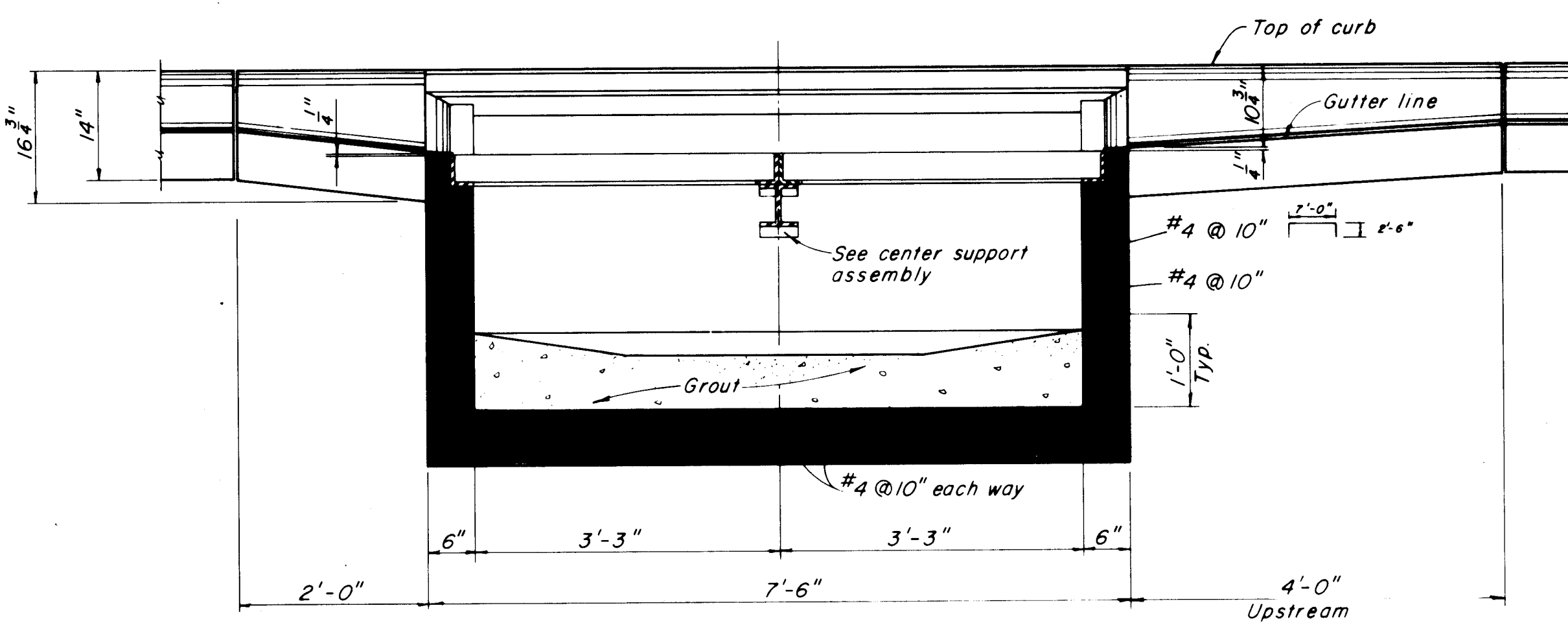
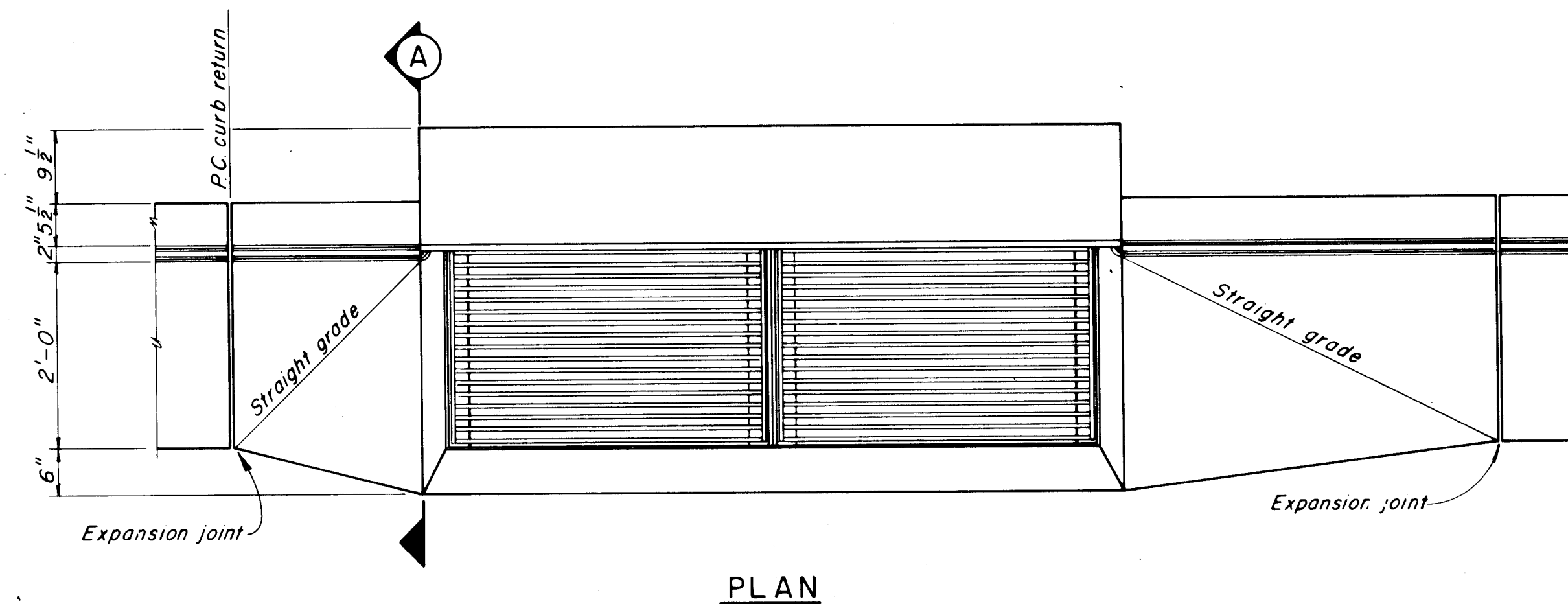
MARTINEZTOWN PAVING CONTRACT

MANHOLE DETAILS

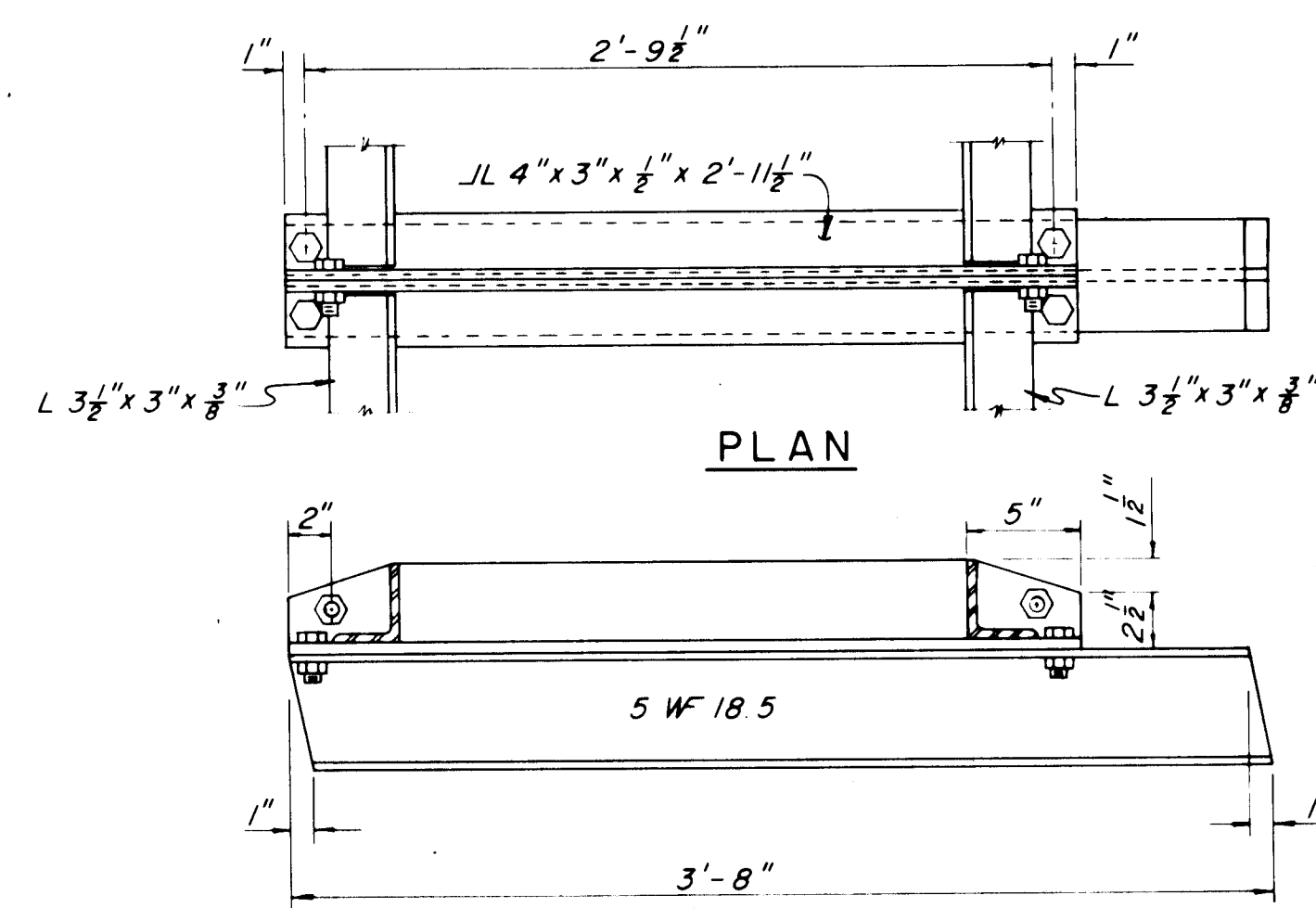
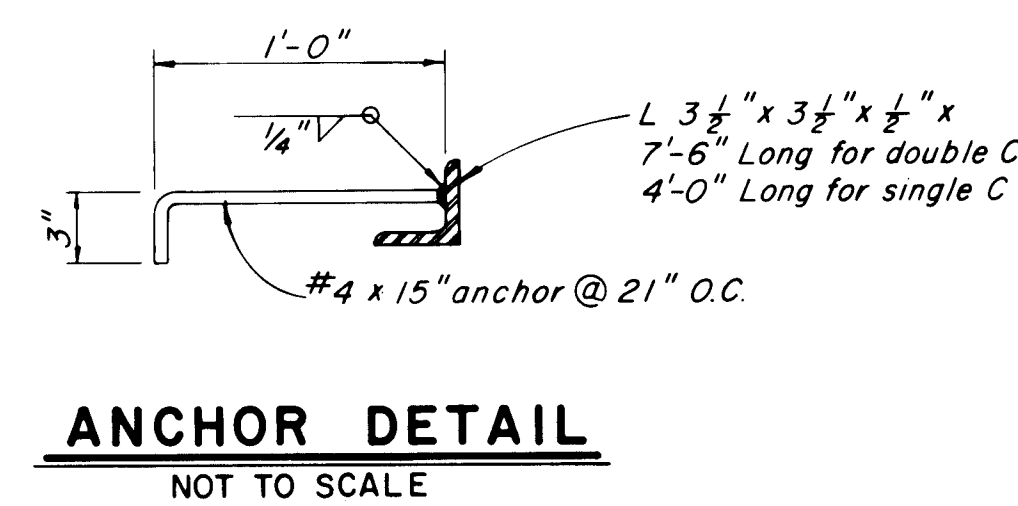
PROJECT NO. NM A-1-1				
NEIGHBORHOOD DEVELOPMENT PROGRAM				
URBAN DEVELOPMENT	AGENCY OF ALBUQUERQUE			
albuquerque	bernardo county	new mexico		
DATE	JOB NO	SCALE	DRAWN: O.R.	SHEET 30
10-72	72-52	AS SHOWN	CHK'D: R.L.	OF 39

Scanlon & associates, inc.
albuquerque Consulting Engineers santa fe

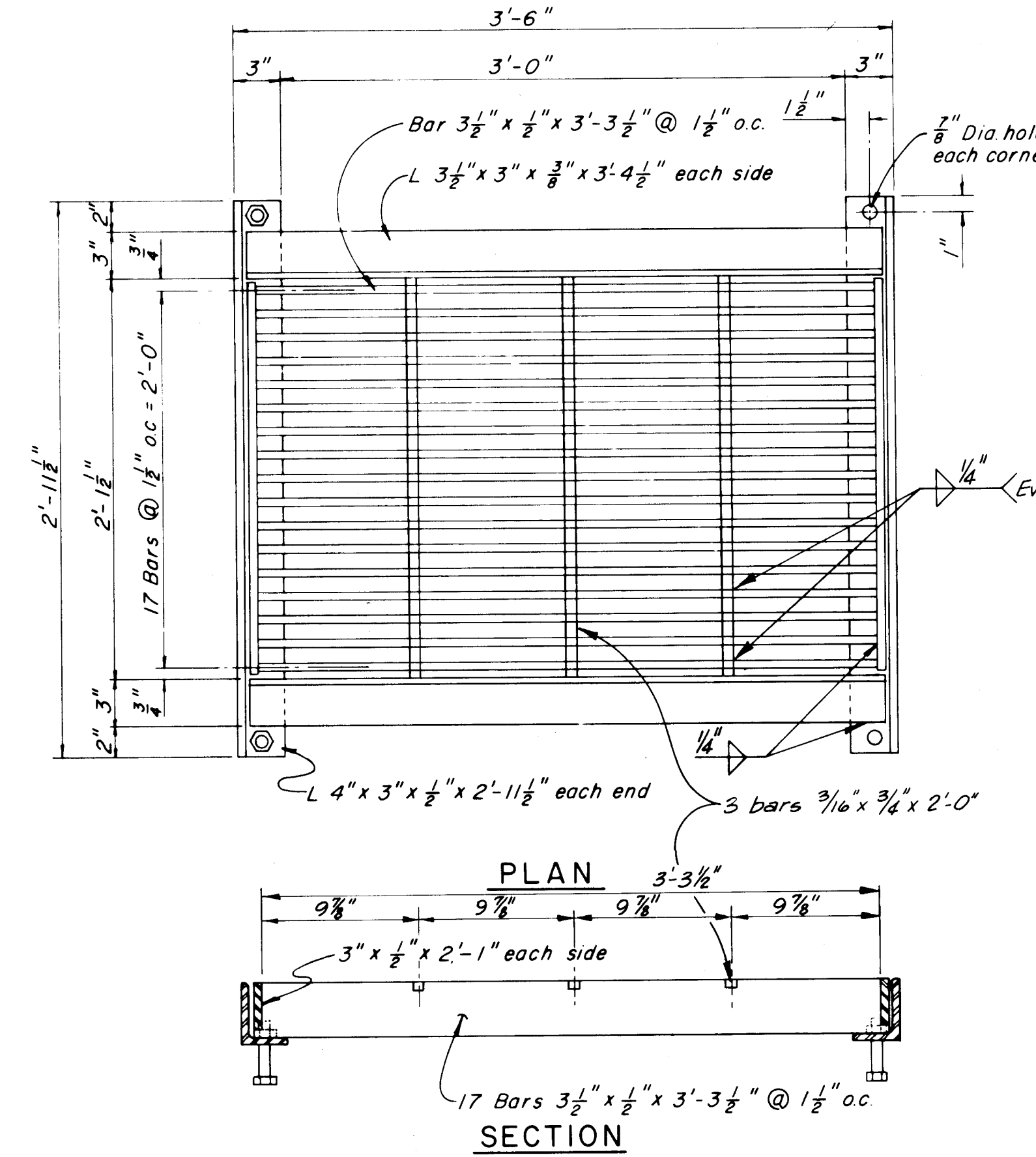
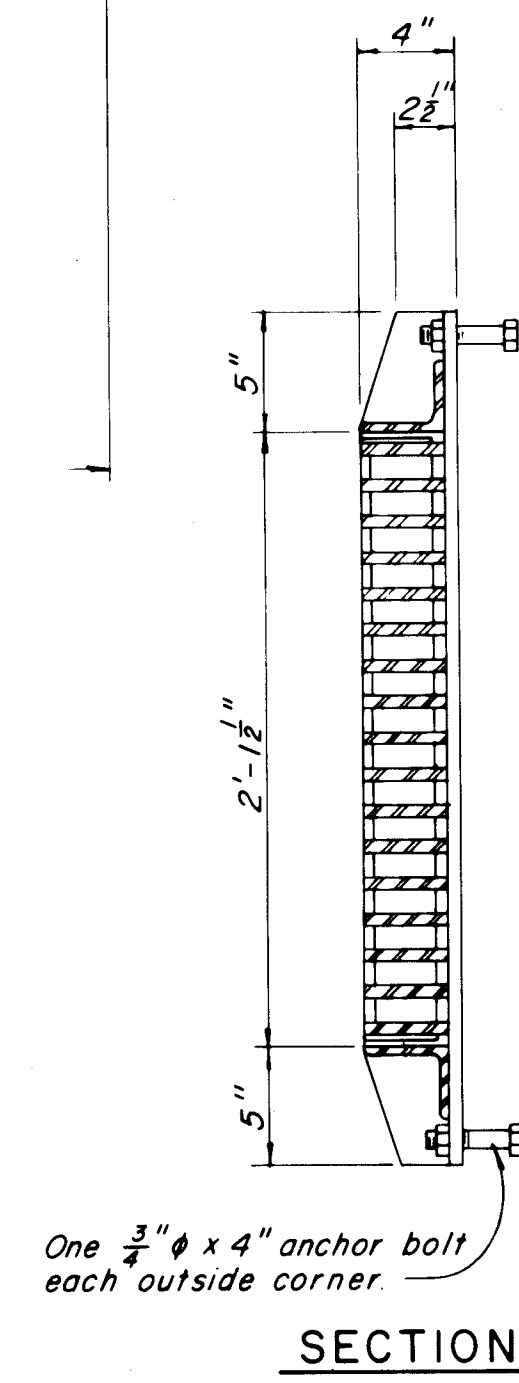
30



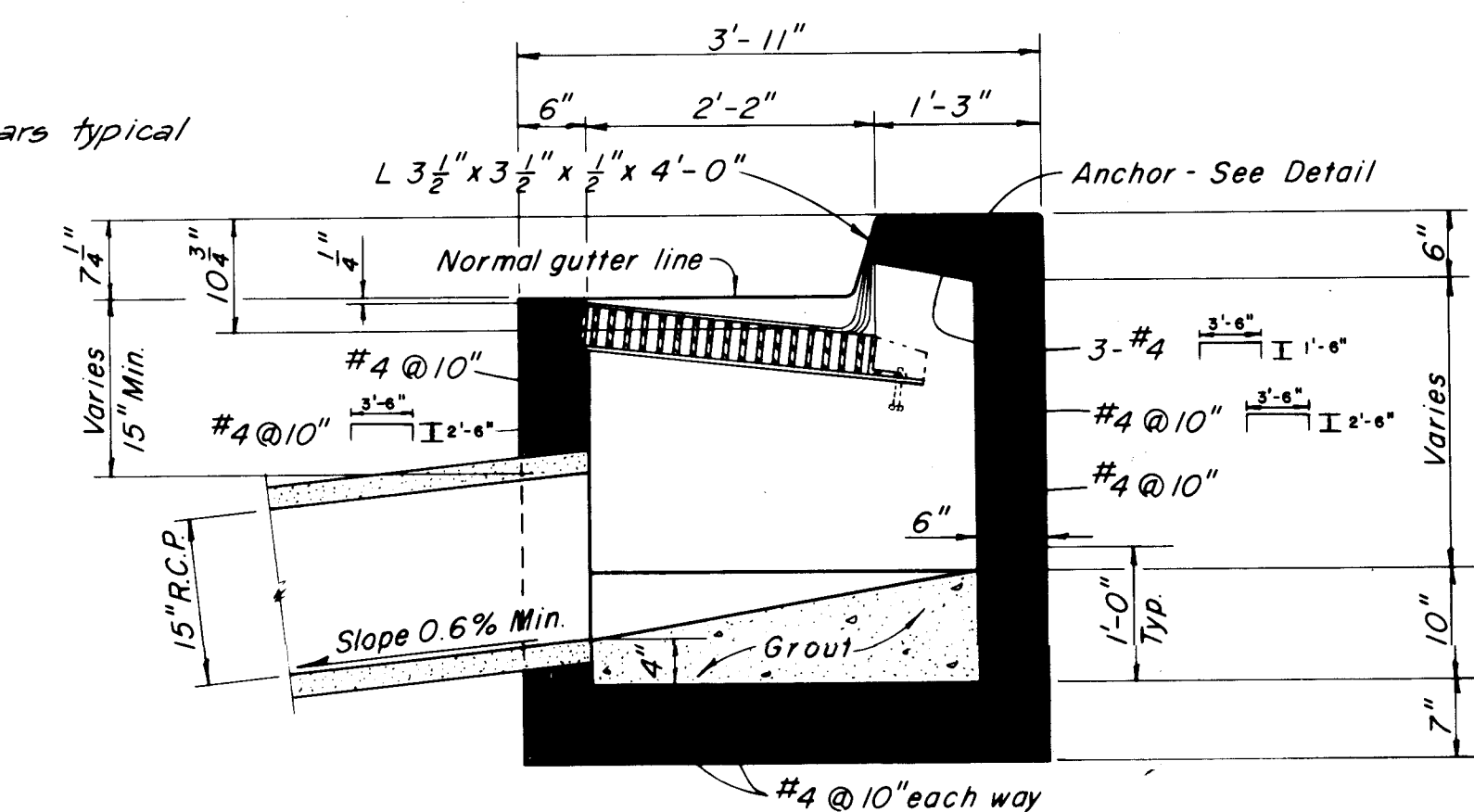
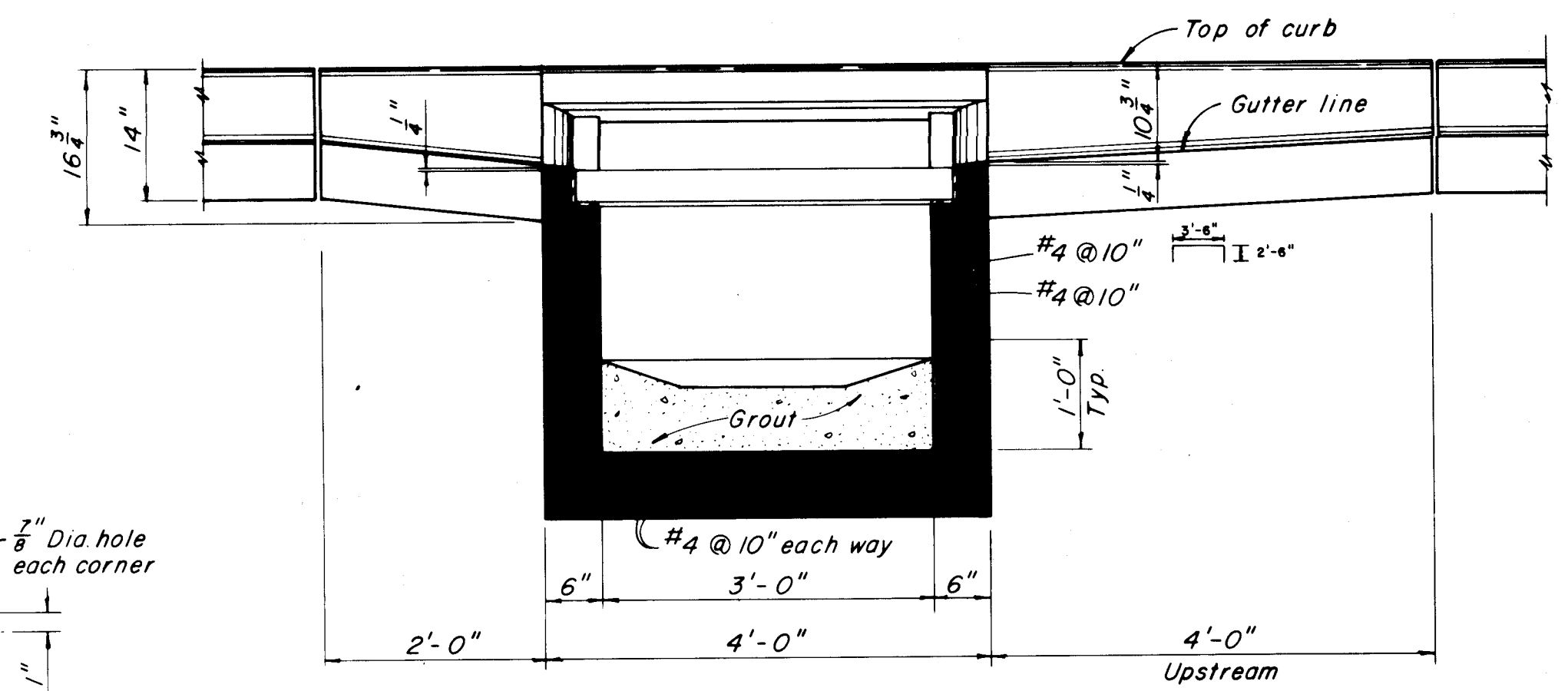
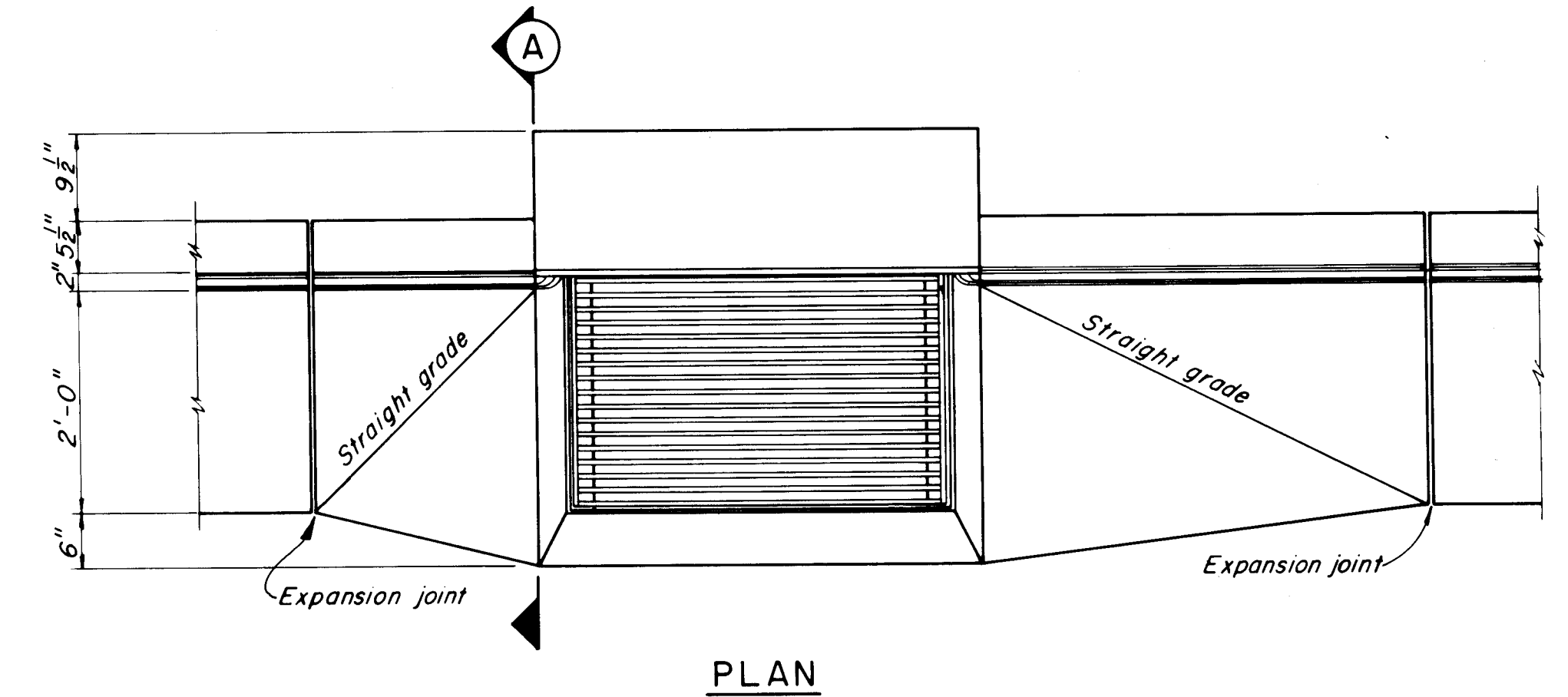
SCALE: 3/4" = 1'-0"



CENTER SUPPORT ASSEMBLY
SCALE: 1 1/2" = 1'-0"



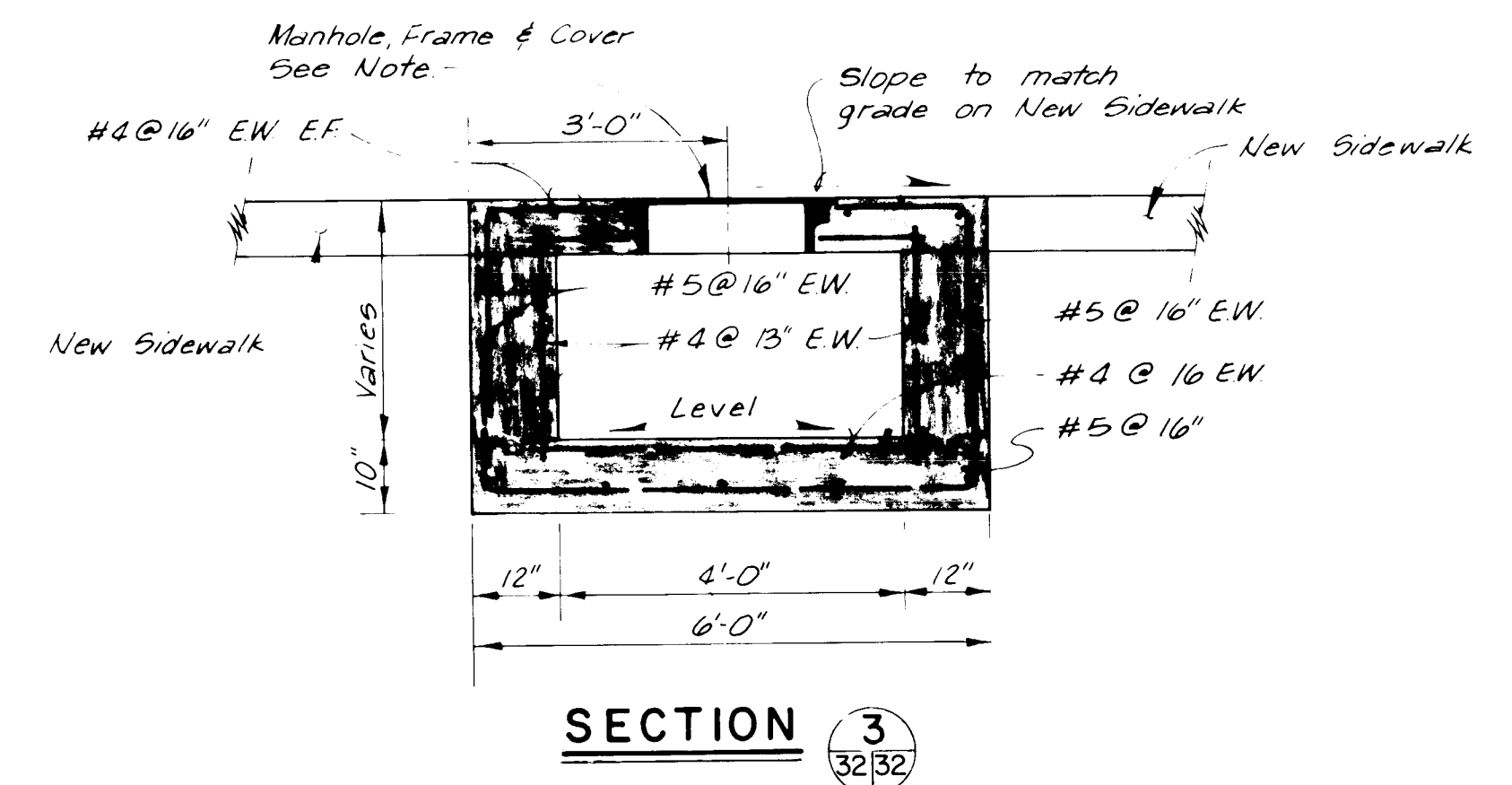
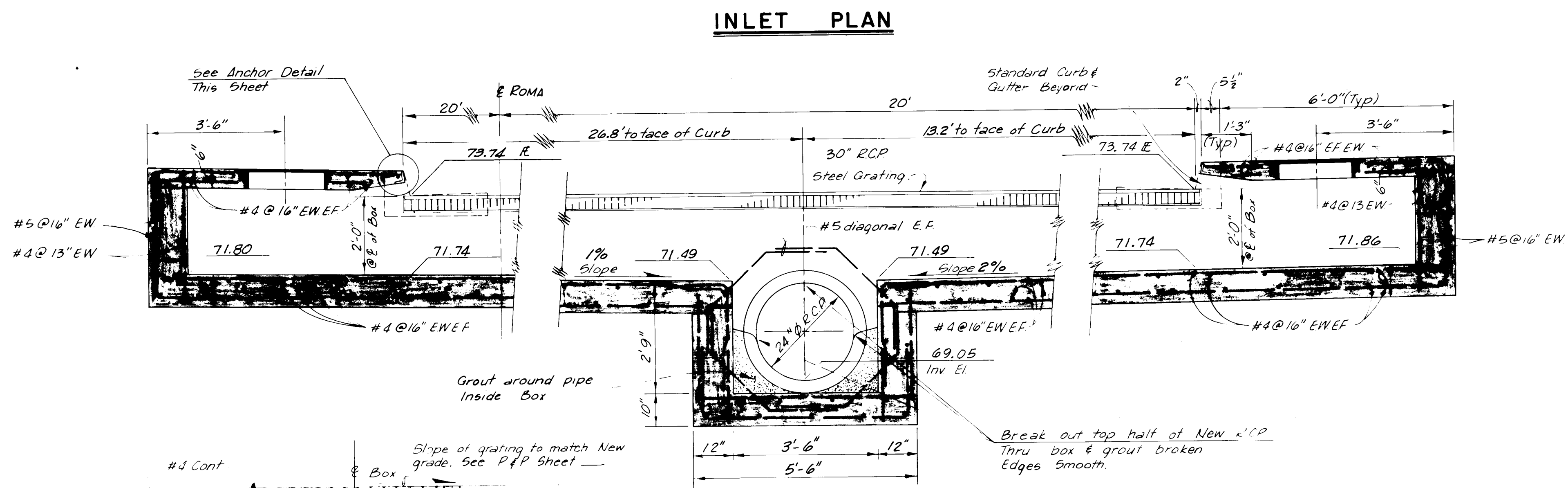
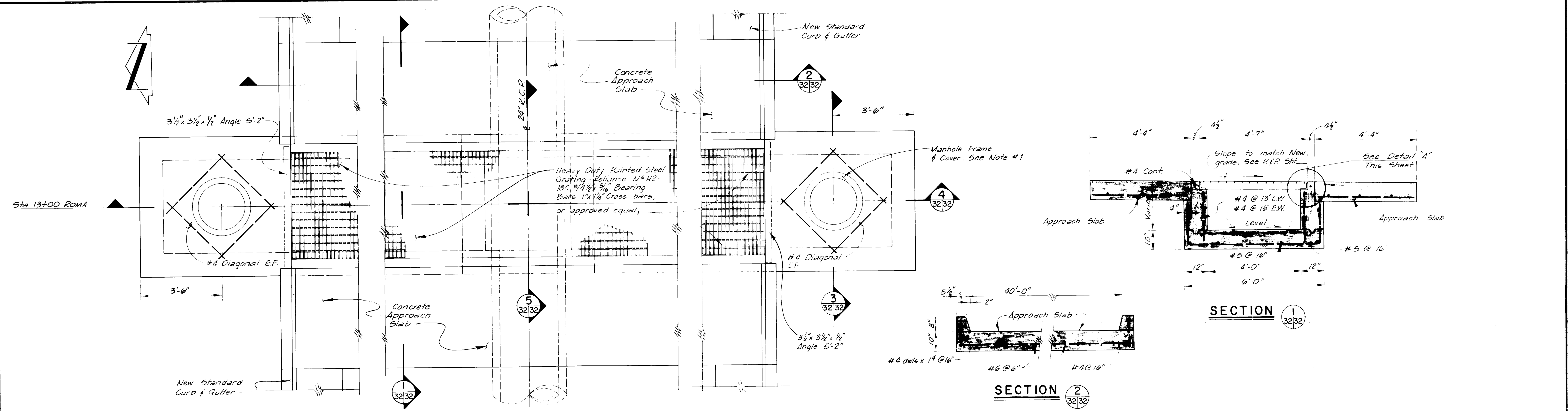
FRAME AND GRATING DETAILS
SCALE: 1 1/2" = 1'-0"



SCALE: 3/4" = 1'-0"

MARTINEZTOWN PAVING CONTRACT					
DROP INLET DETAILS					
PROJECT NO. N.M. A-1-1					
TIJERAS URBAN RENEWAL PROJECT					
URBAN DEVELOPMENT AGENCY OF ALBUQUERQUE					
albuquerque	bernalillo	county	new	mexico	
DATE	JOB NO	SCALE	DRAWN	SHEET	
10-72	72-52	As Shown	O.R. CHK'D: R.L.	31 OF 39	
Scanlon & associates, inc. albuquerque Consulting Engineers santa fe					31

10 002 3174



NOTES:

1. Manholes Frames & Covers to be Neenah No R-6041-B with type C Solid lid and machined bearing surface or approved equal.
2. All structural Steel shall be ASTM A-36.
3. All welds shall conform to AWS Specifications.

AS BUILT

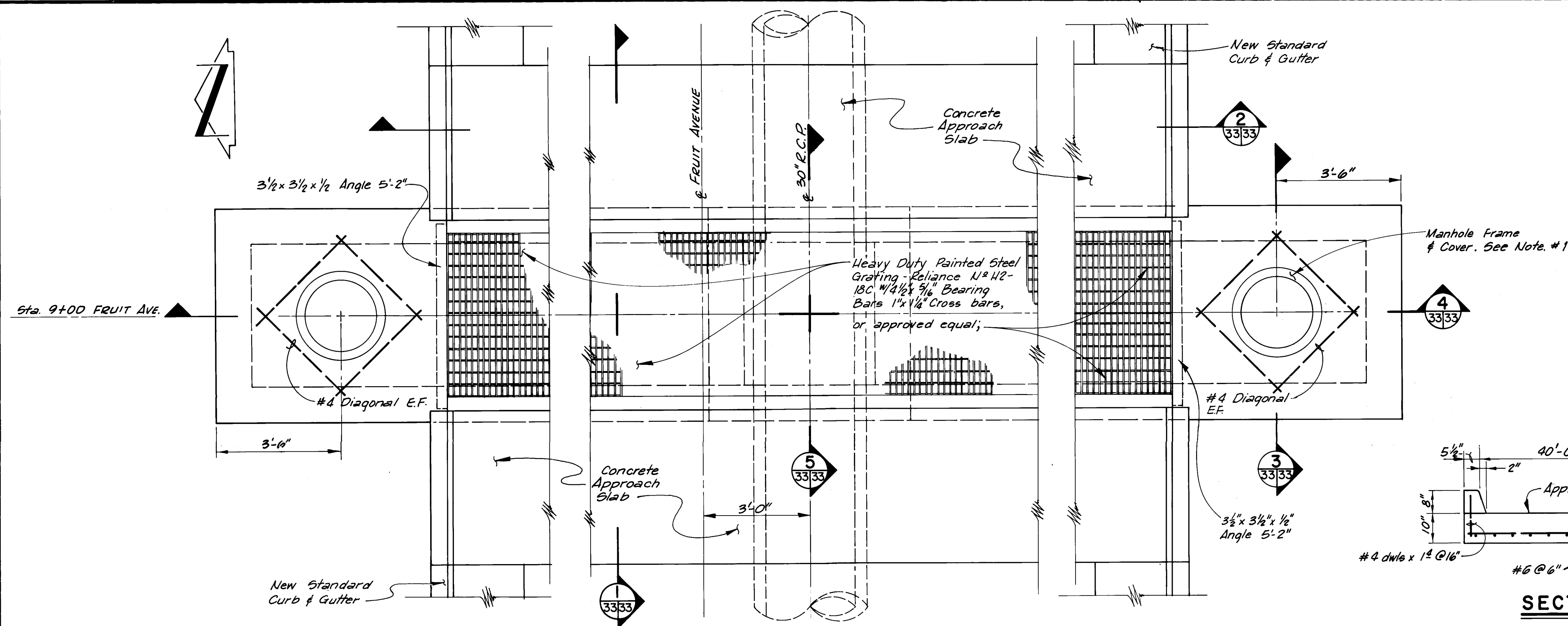
MARTINEZTOWN PAVING CONTRACT					
BOX INLET DETAIL					
STA 13 + 00 ROMA AVENUE					
PROJECT NO. N.M. A-1-1					
NEIGHBORHOOD DEVELOPMENT PROGRAM					
URBAN DEVELOPMENT AGENCY OF ALBUQUERQUE					
albuquerque bernalillo county new mexico					
DATE	JOB NO	SCALE	DRAWN	O.R.	SHEET
10-72	72-52	NO SCALE	CHK'D	R.L.	32
Scanlon & associates, inc.					32
albuquerque Consulting Engineers santa fe					

SCANNED BY
BY LASON

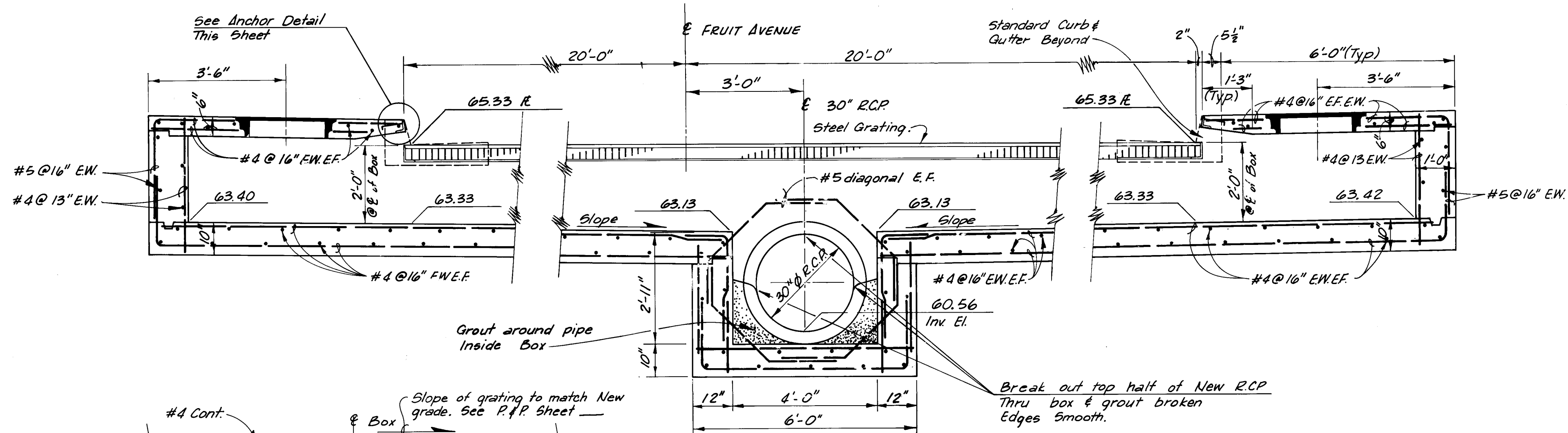
10 002 3274

ANCHOR DETAIL

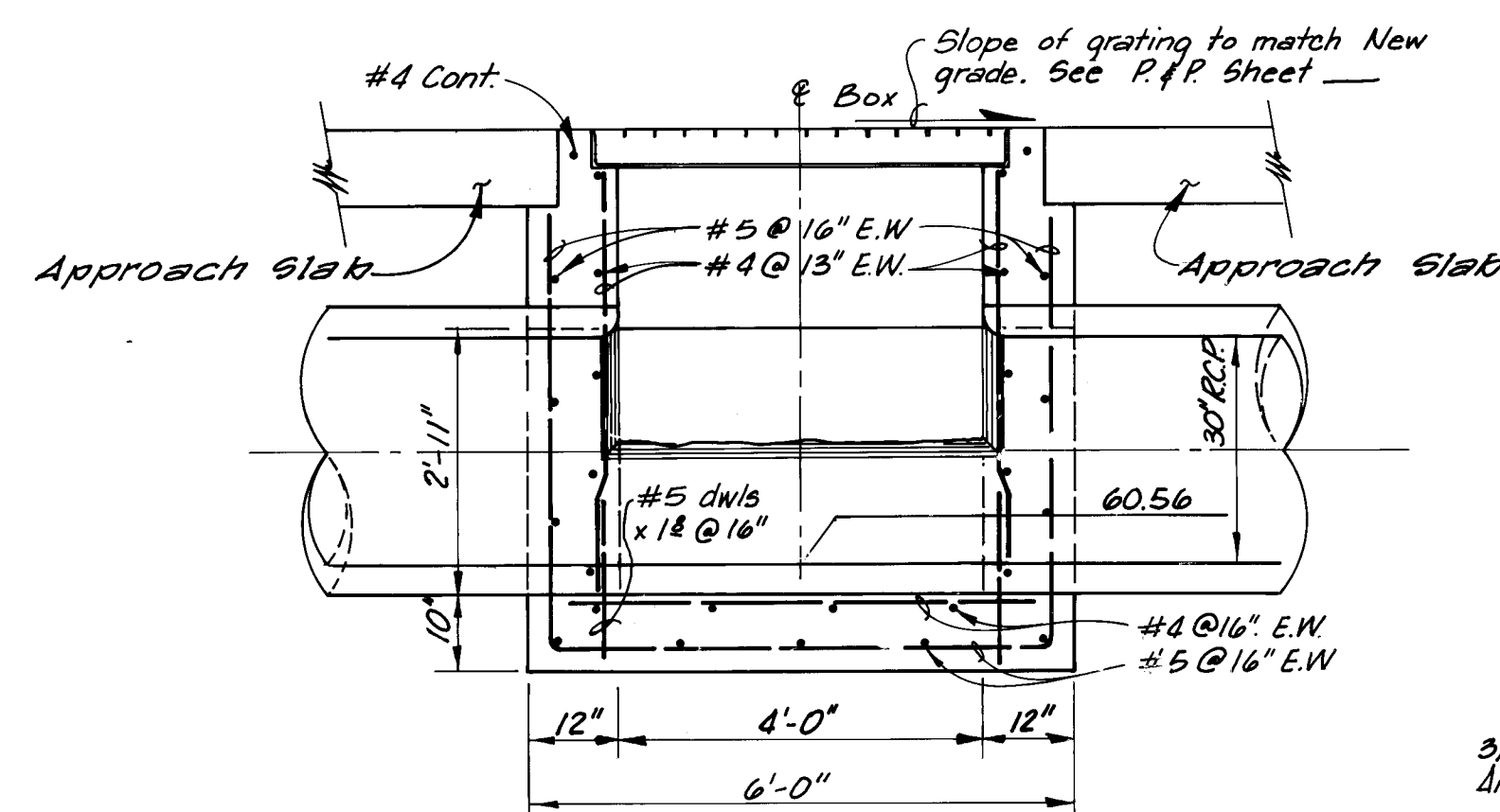
DETAIL "A"



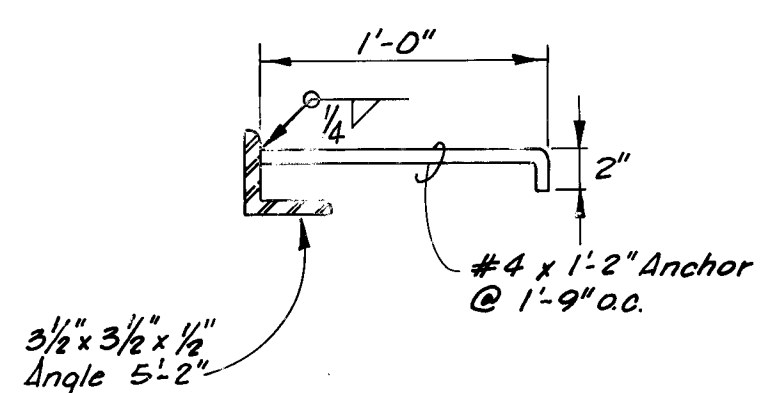
INLET PLAN



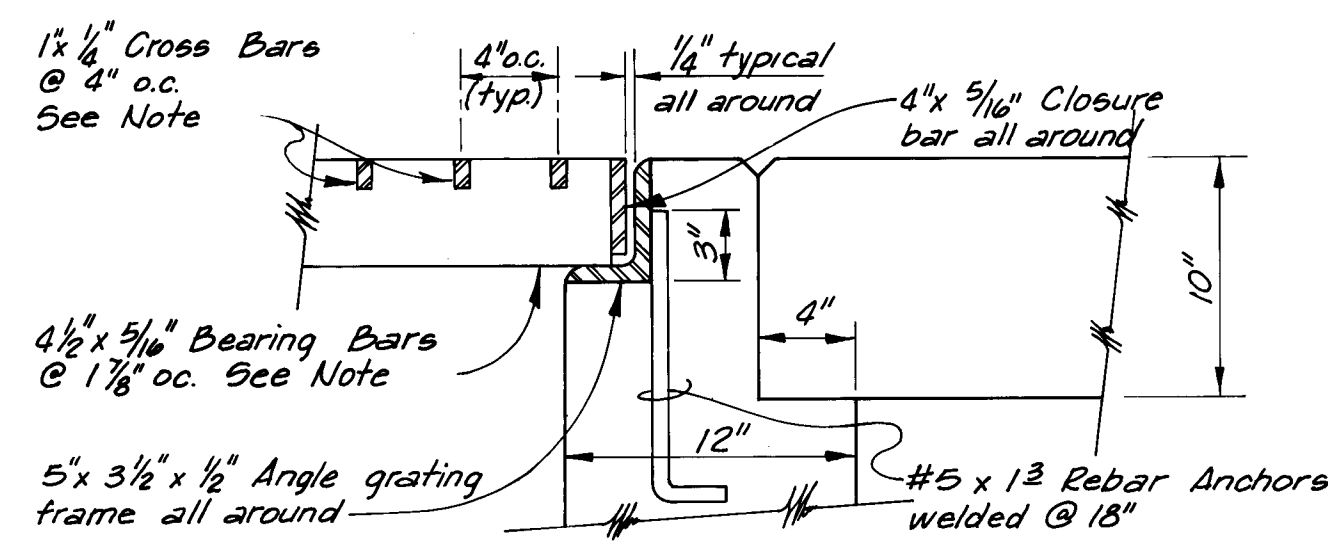
SECTION 1



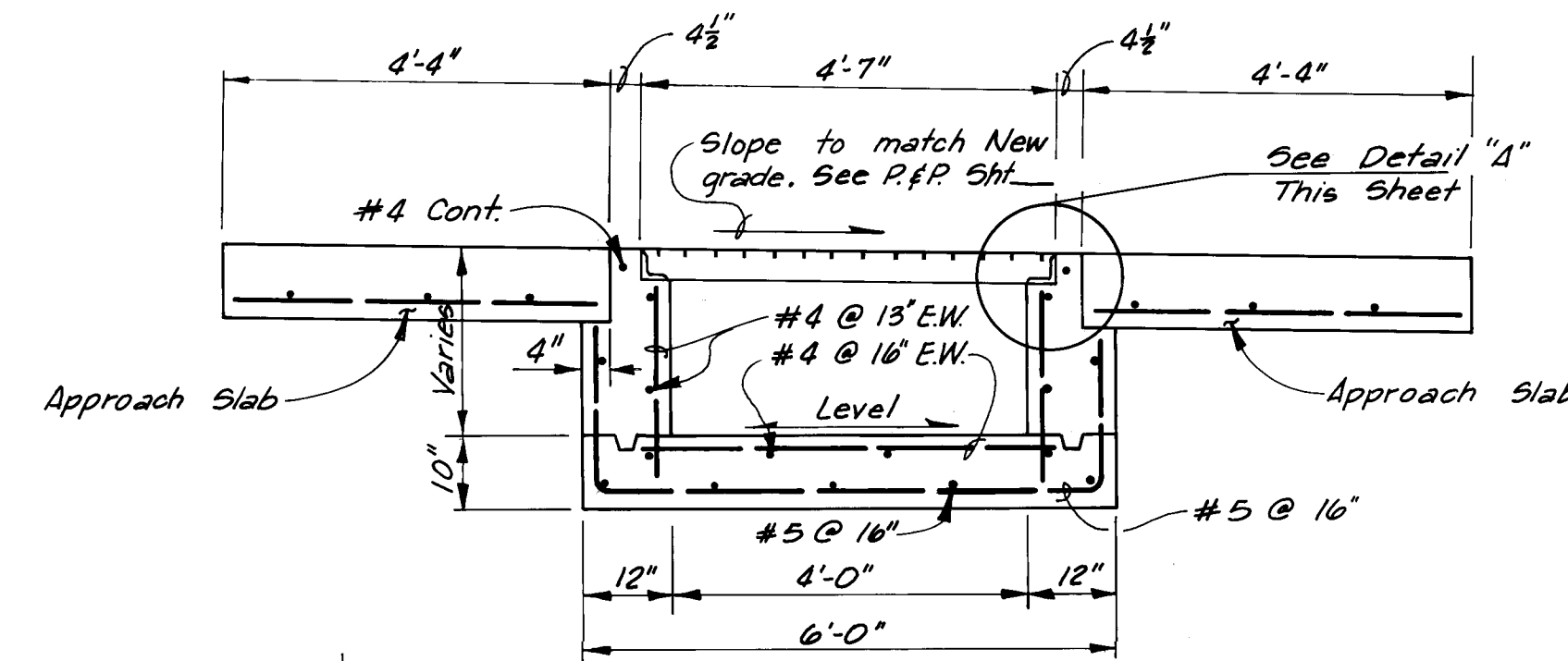
SECTION 2



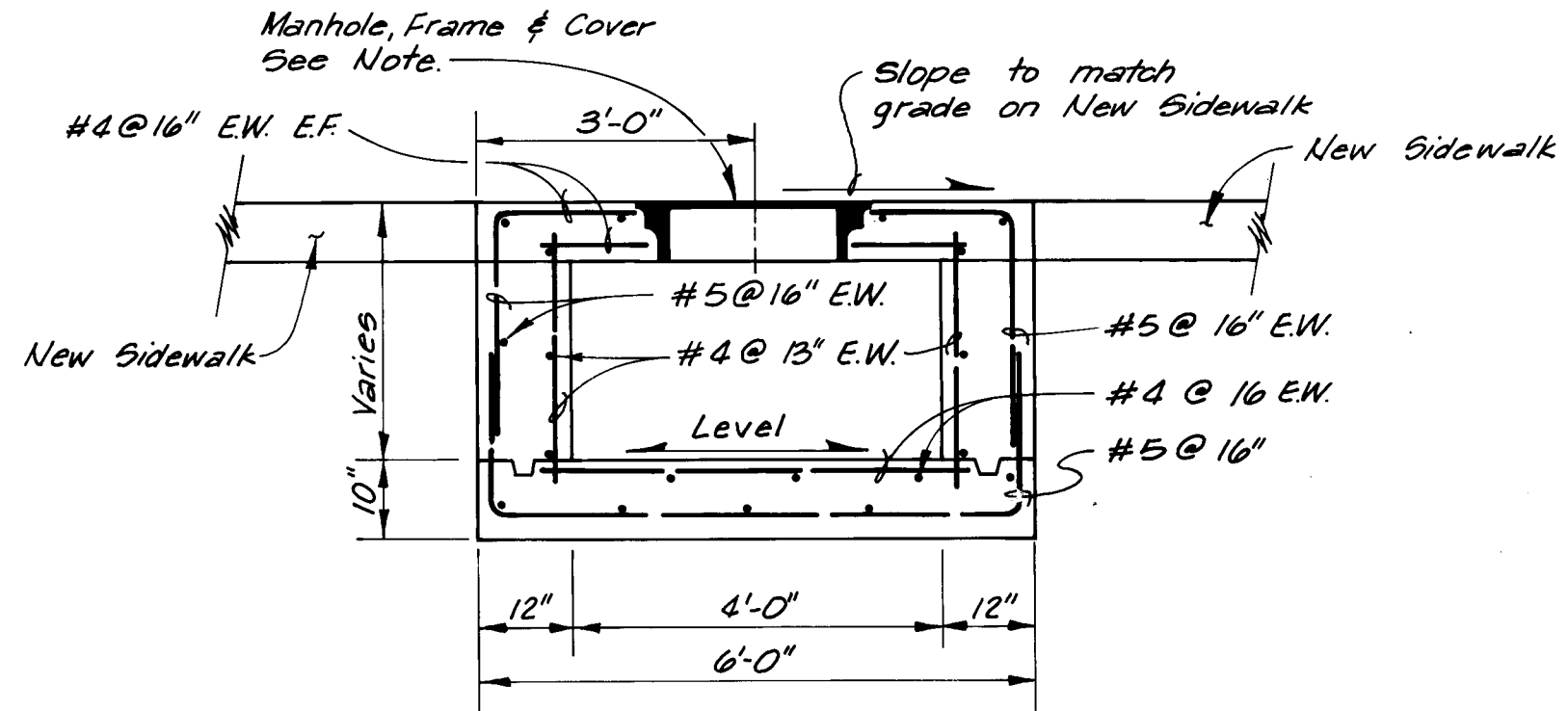
ANCHOR DETAIL



DETAIL "A"



SECTION 3



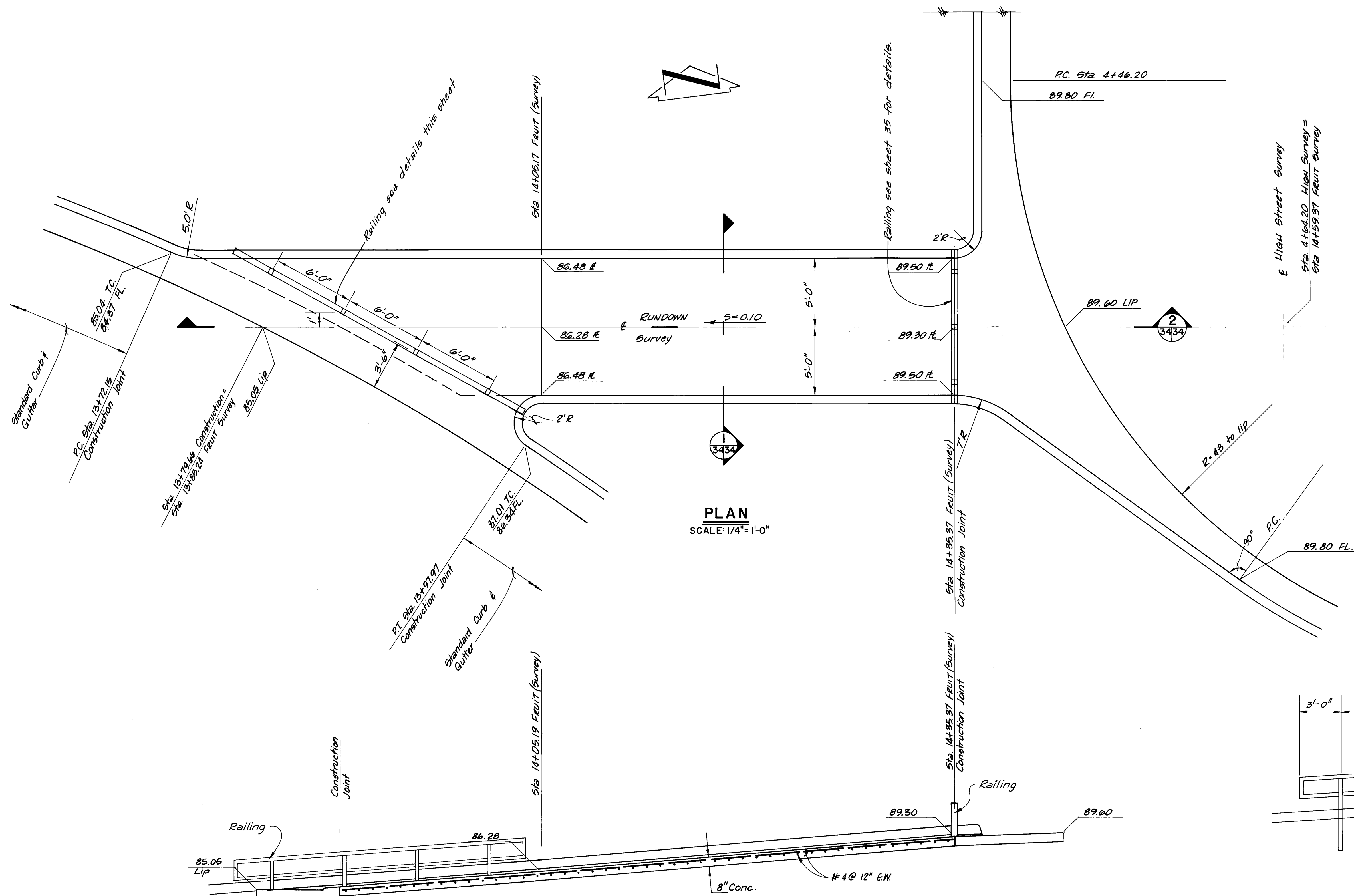
SECTION 4

- NOTES:
1. Manhole Frames & Covers to be Neenah No. R-6041-B with type C Solid lid and machined bearing surface or approved equal.
 2. All structural steel shall be ASTM A-36
 3. All welds shall conform to AWS Specifications

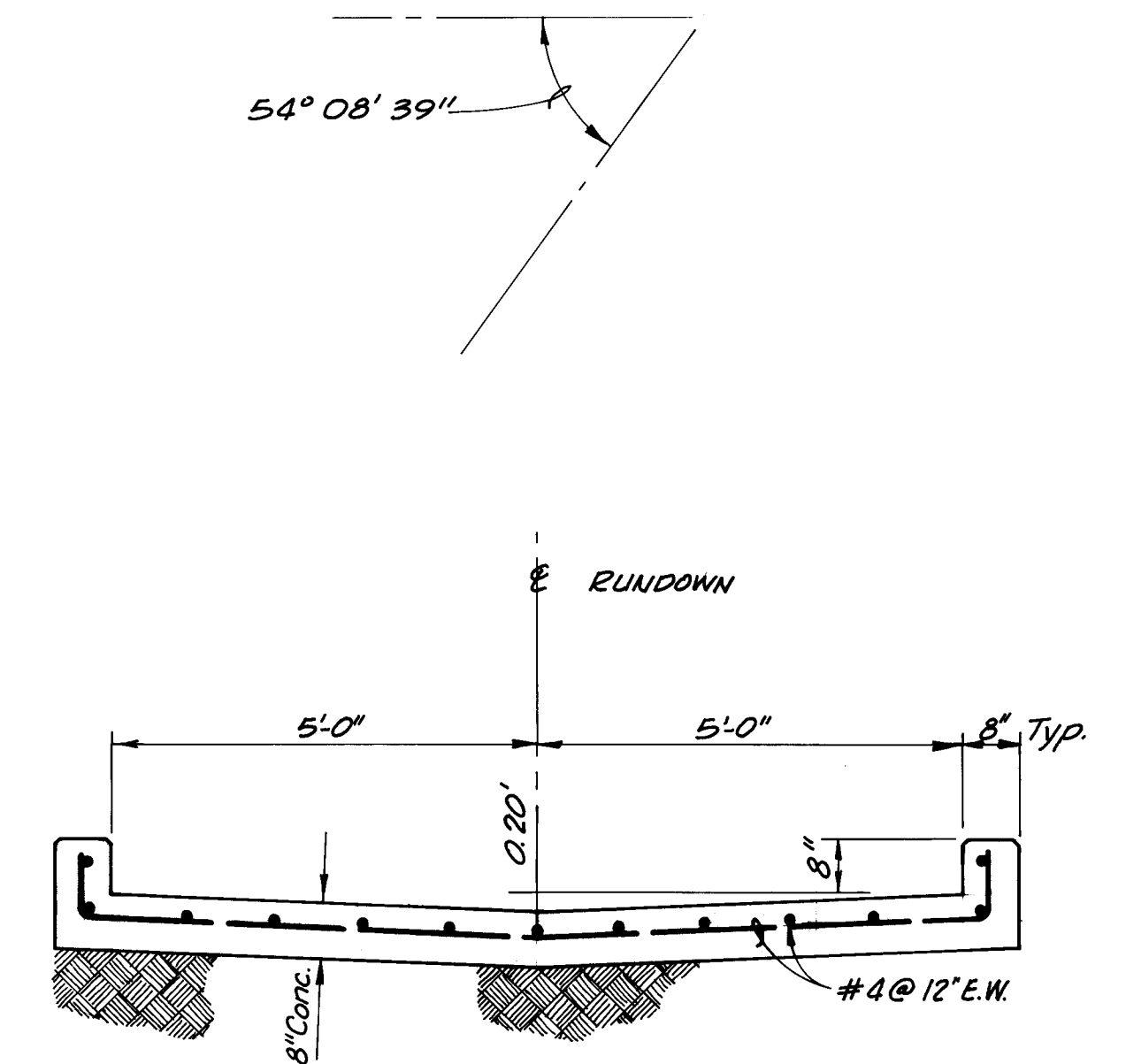
10 002 3374 AS BUILT

MARTINEZTOWN PAVING CONTRACT					
BOX INLET DETAIL STA 9 + 00 FRUIT AVENUE					
PROJECT NO. N.M. A-1-1					
NEIGHBORHOOD DEVELOPMENT PROGRAM					
URBAN DEVELOPMENT AGENCY OF ALBUQUERQUE					
albuquerque	bernalillo	county	new mexico		
DATE 10-72	JOB NO 72-52	SCALE NO SCALE	DRAWN CHK'D	O.R. R.L.	SHEET OF
Scanton & associates, inc. albuquerque			Engineers santa fe		

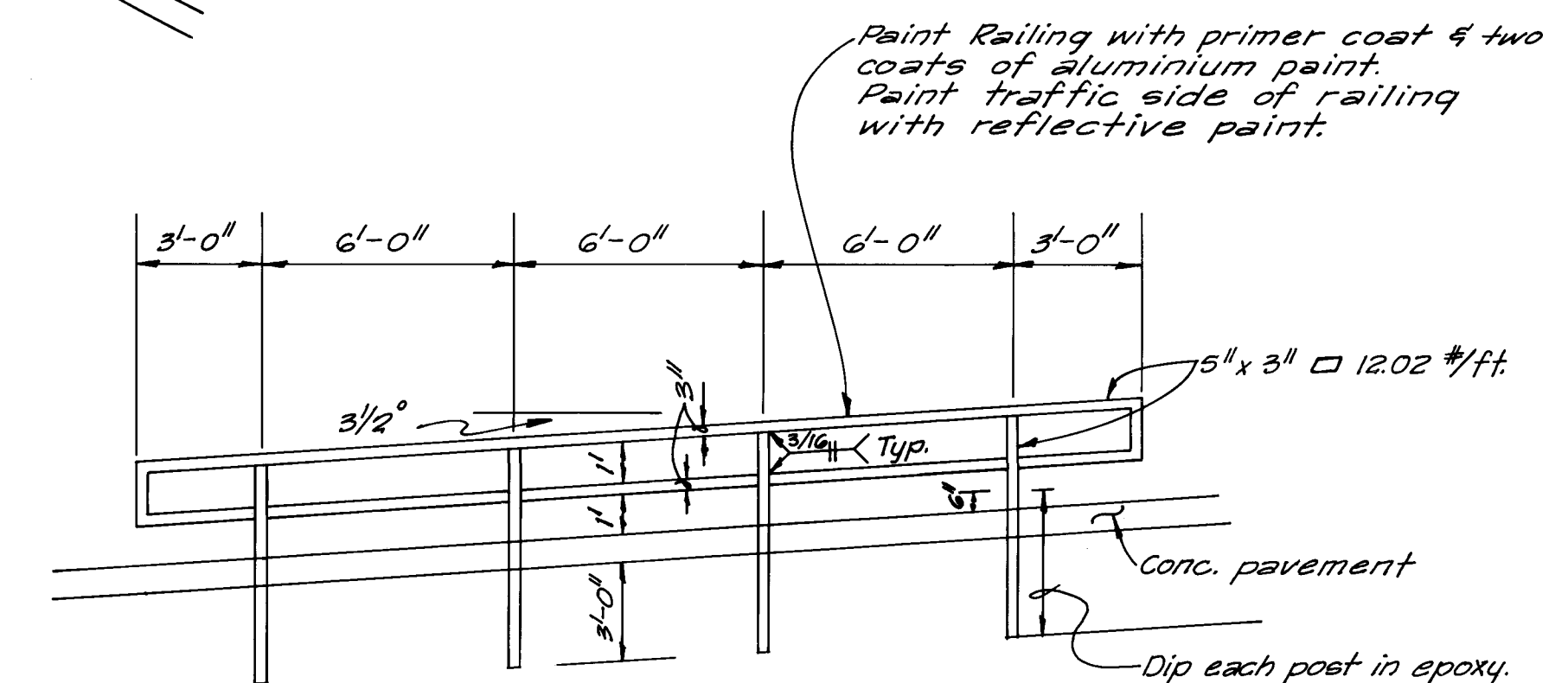
SCANNED BY
BY LASON



PLAN
SCALE: 1/4" = 1'-0"



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



RAILING DETAIL
SCALE: 1/4" = 1'-0"

AS BUILT

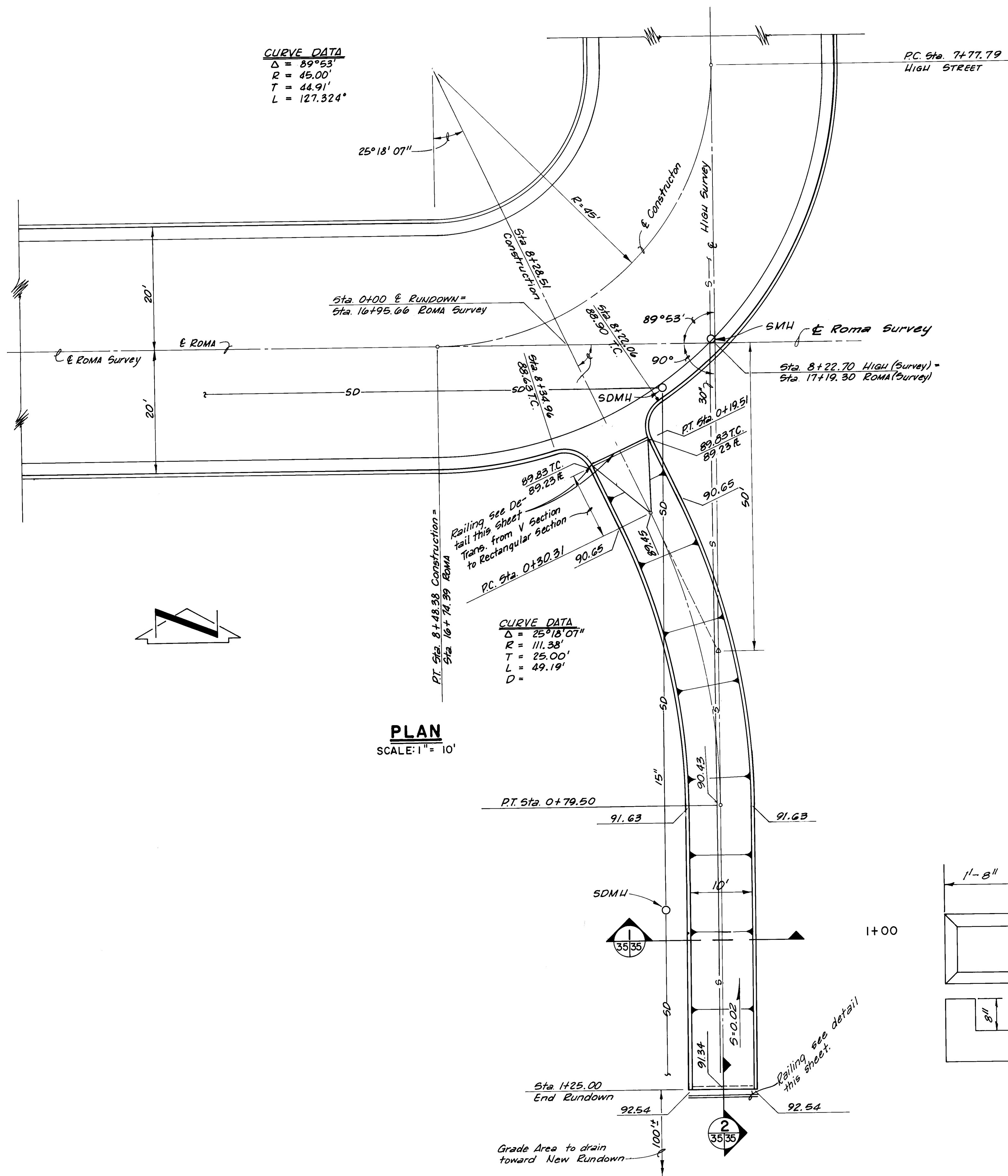
SECTION 2
SCALE: 1/4" = 1'-0"

SCANNED BY
BVA/ASX

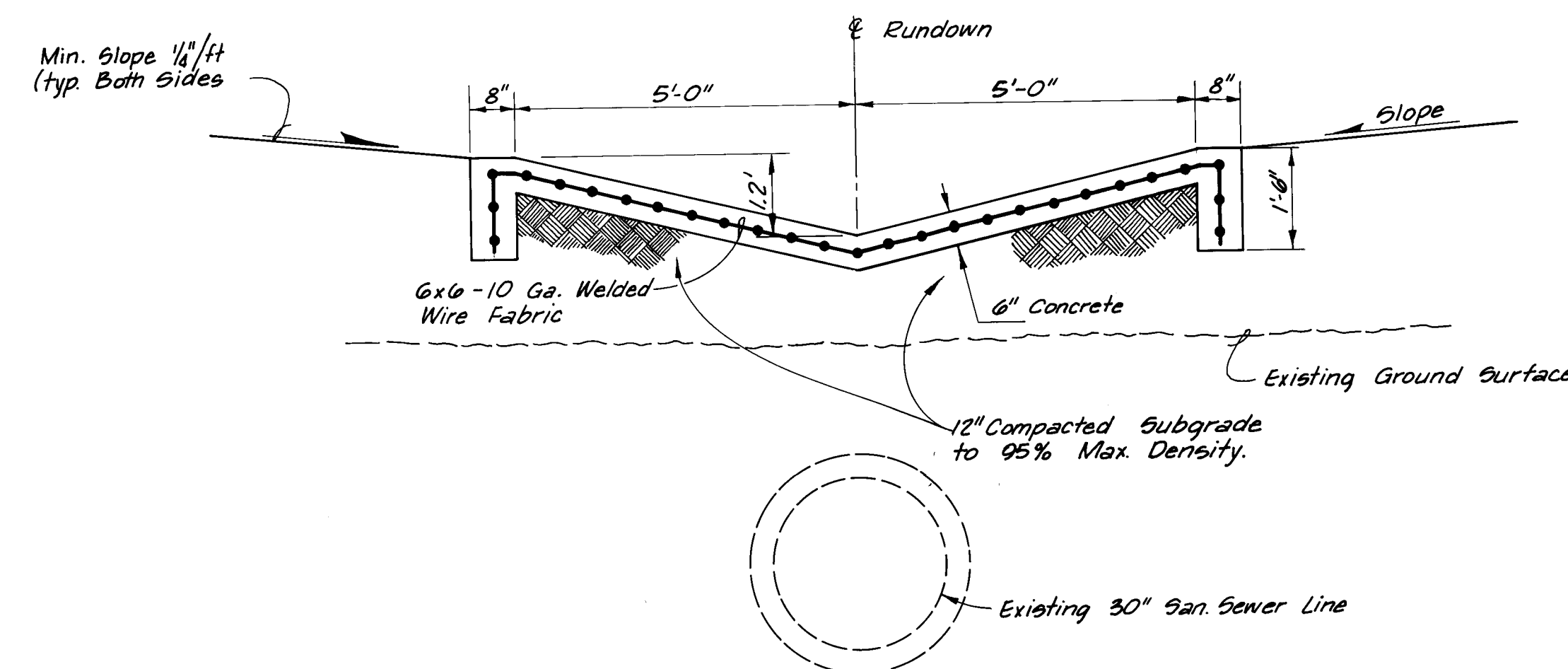
10 002 3474

MARTINEZTOWN PAVING CONTRACT				
RUNDOWN DETAILS				
HIGH & FRUIT				
PROJECT NO. N.M. A-1-1				
NEIGHBORHOOD DEVELOPMENT PROGRAM				
URBAN DEVELOPMENT AGENCY OF ALBUQUERQUE				
albuquerque	bernalillo	county	new mexico	
DATE	JOB NO	SCALE	DRAWN	SHEET
10-72	72-52	AS SHOWN	O.R.	34
		CHK'D	R.L.	OF 39
Scanlon & associates, inc.				34
albuquerque Consulting Engineers				santa fe

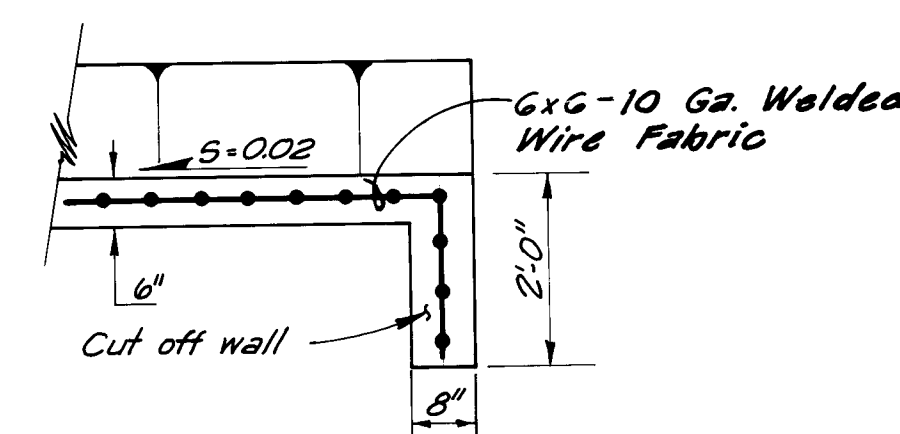
CURVE DATA
 $\Delta = 89^{\circ}53'$
 $R = 45.00'$
 $T = 44.91'$
 $L = 127.324'$



PLAN
 SCALE: 1" = 10'

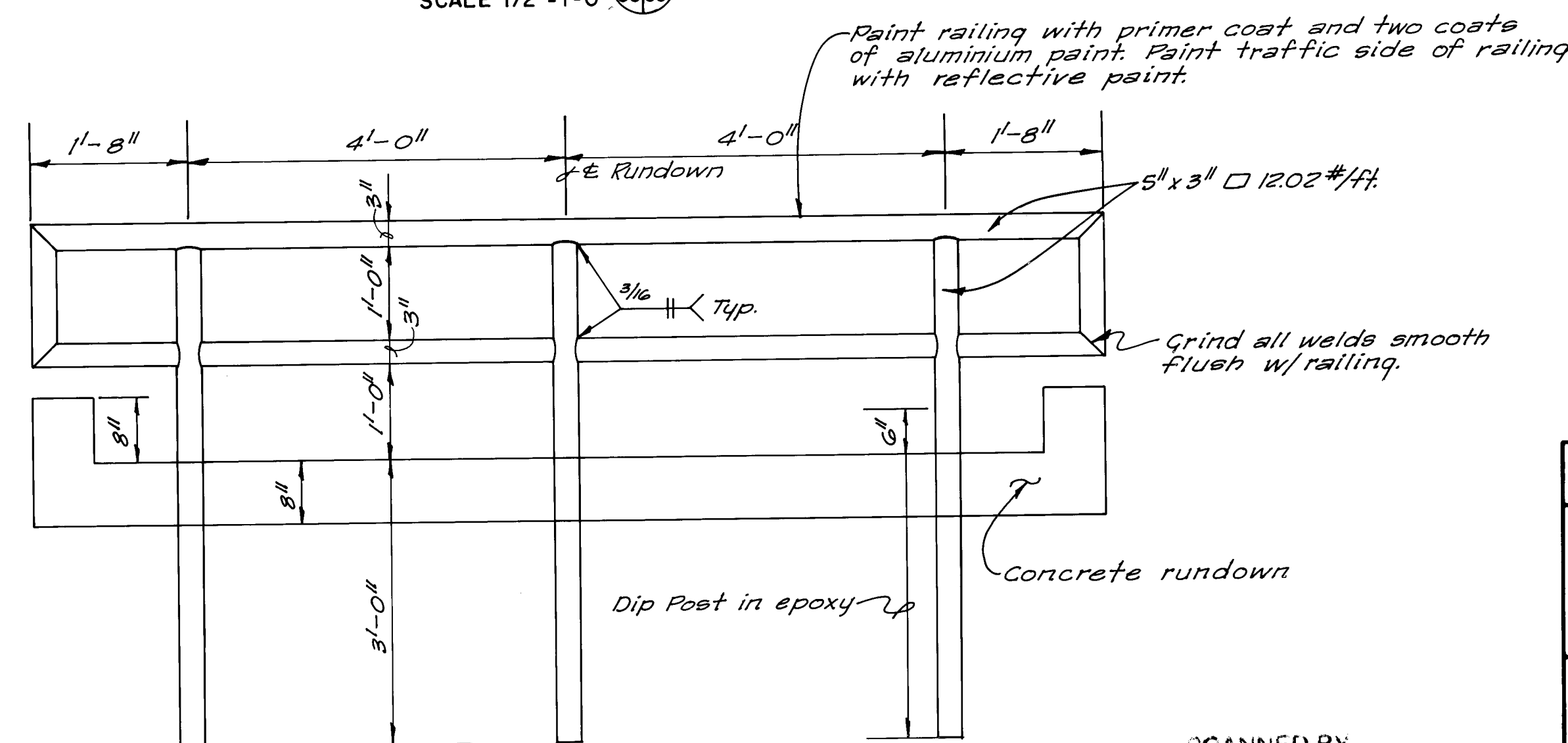


SECTION
 SCALE: 1/2" = 1'-0"



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

- Notes:
 (1) Provide transverse construction joints at 9' ft. o.c. maximum.
 (2) Provide transverse expansion joints at 18' ft. o.c. maximum.



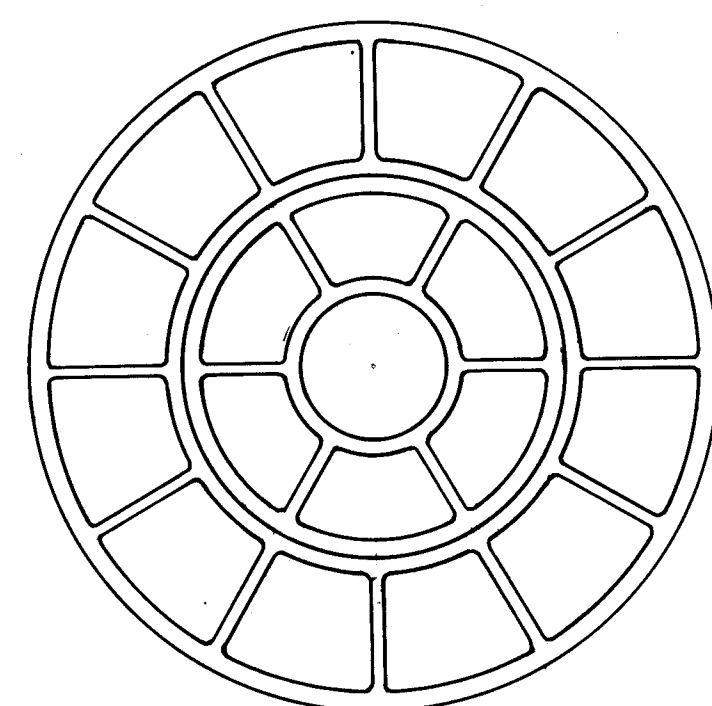
RAILING DETAIL
 SCALE: 1/4" = 1'-0"

AS BUILT

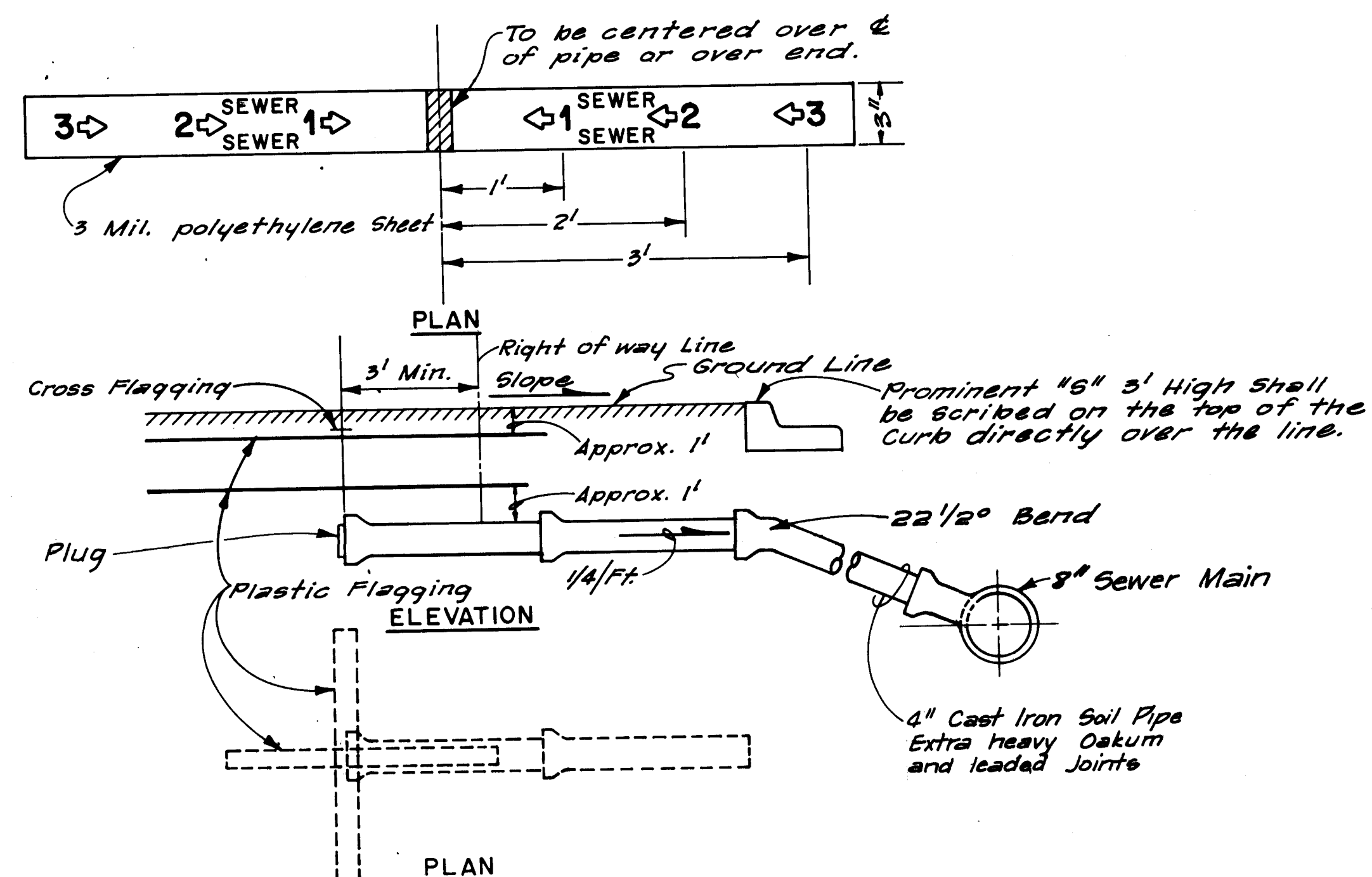
MARTINEZTOWN PAVING CONTRACT				
RUNDOWN DETAILS				
HIGH & ROMA				
PROJECT NO. N.M. A-1-1				
NEIGHBORHOOD DEVELOPMENT PROGRAM				
URBAN DEVELOPMENT AGENCY OF ALBUQUERQUE				
albuquerque bernalillo county new mexico				
DATE	JOB NO	SCALE	DRAWN	SHEET
10-72	72-52	AS SHOWN	O.R.	35
		CHK'D	R.L.	OF 39
Scantlon & associates, inc.				
albuquerque Consulting Engineers santa fe				

SCANNED BY
 R. LASON

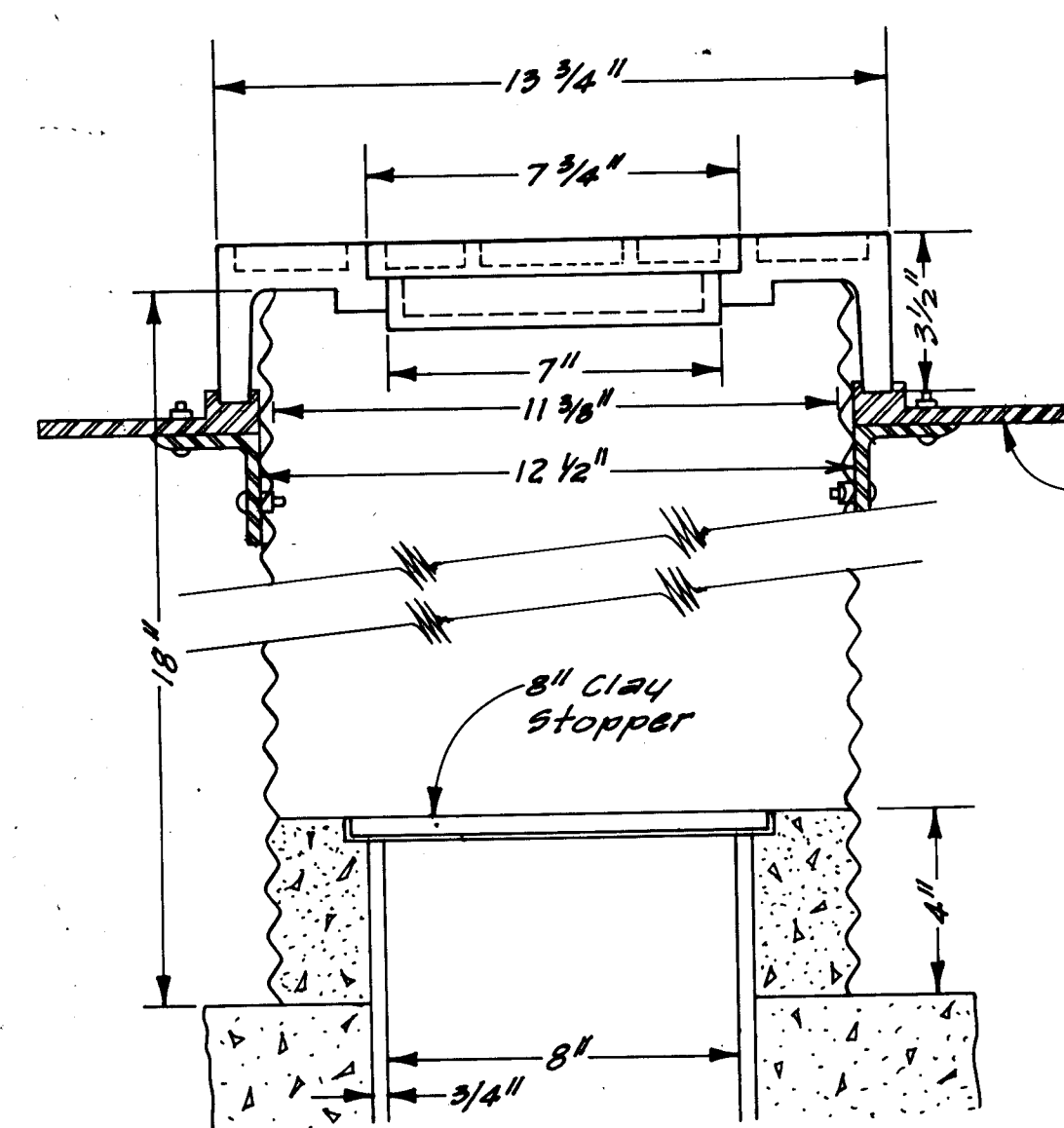
10 002 3574



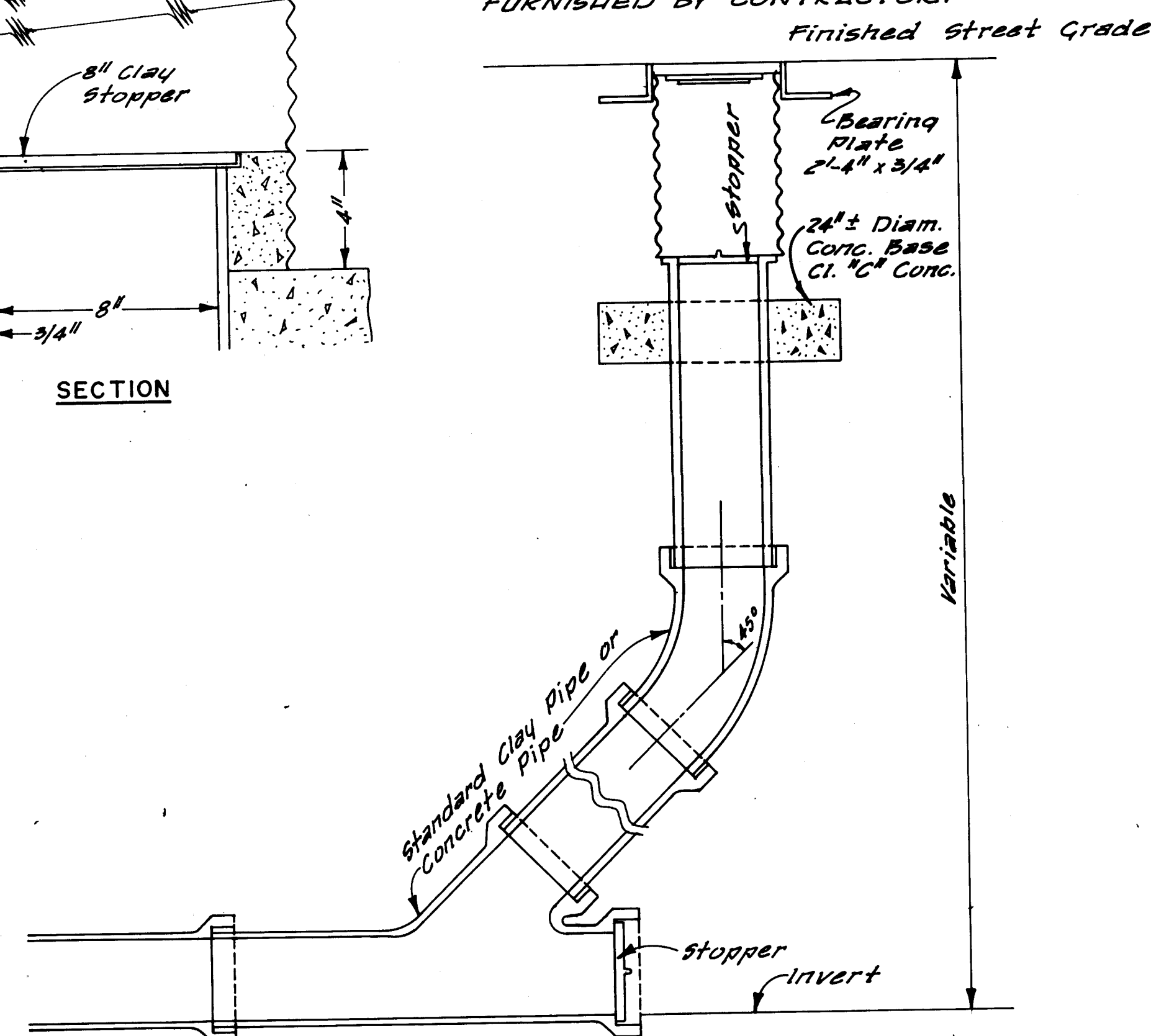
PLAN



SANITARY SEWER SERVICE
LINE MARKER



SECTION



CLEANOUT DETAIL
NO SCALE

AS BUILT

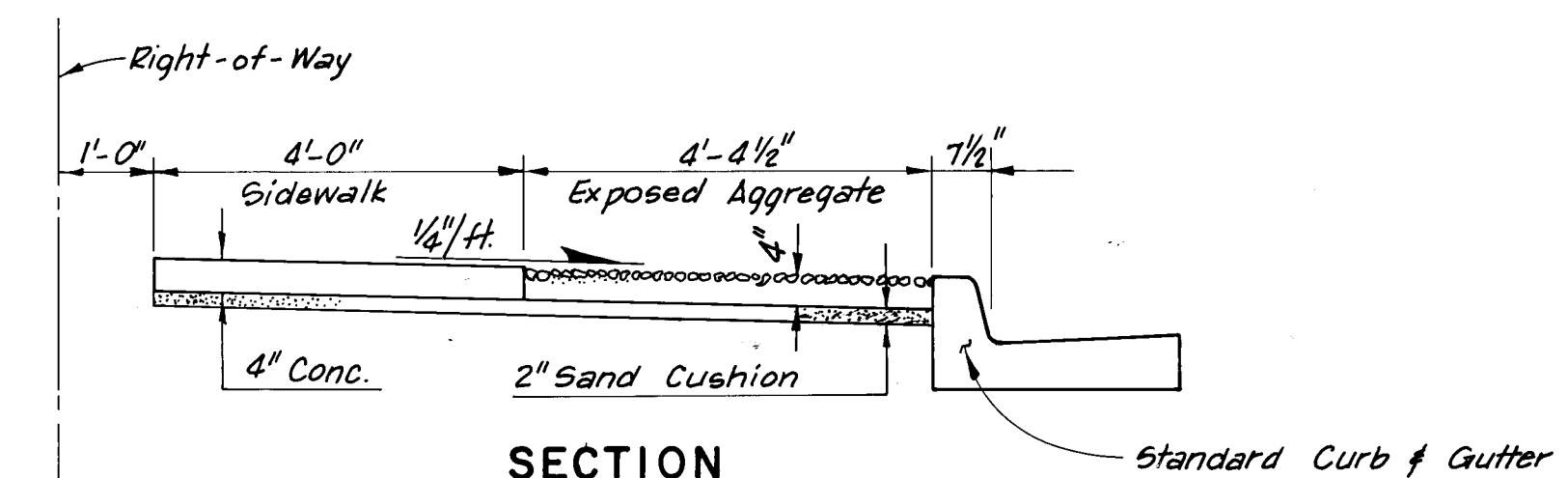
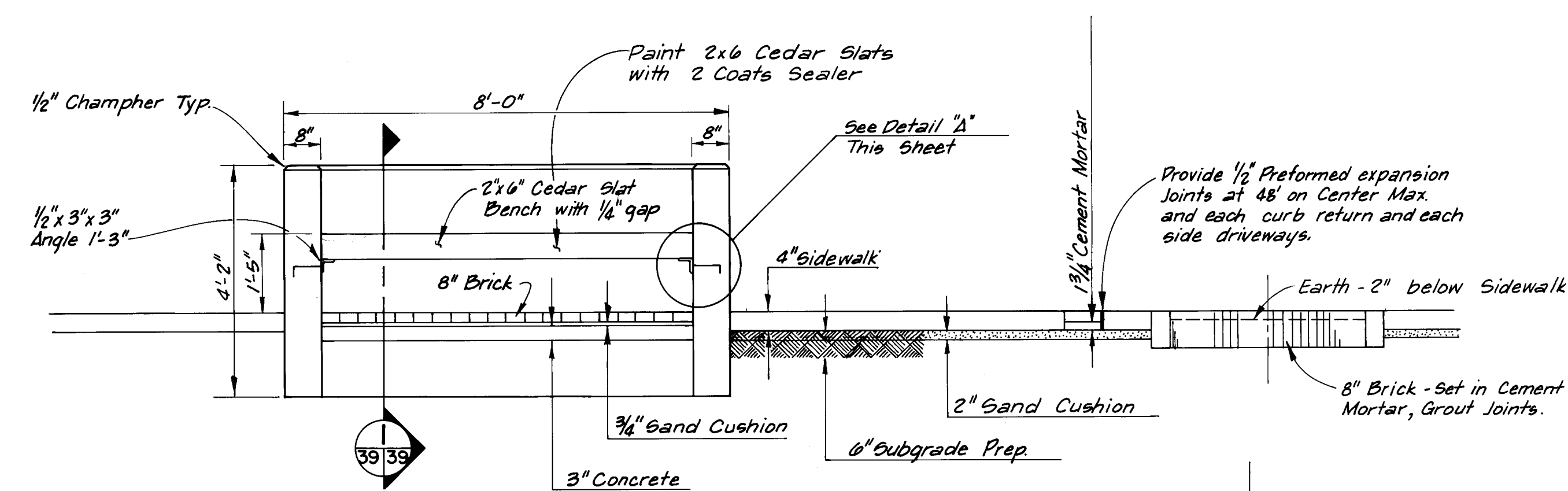
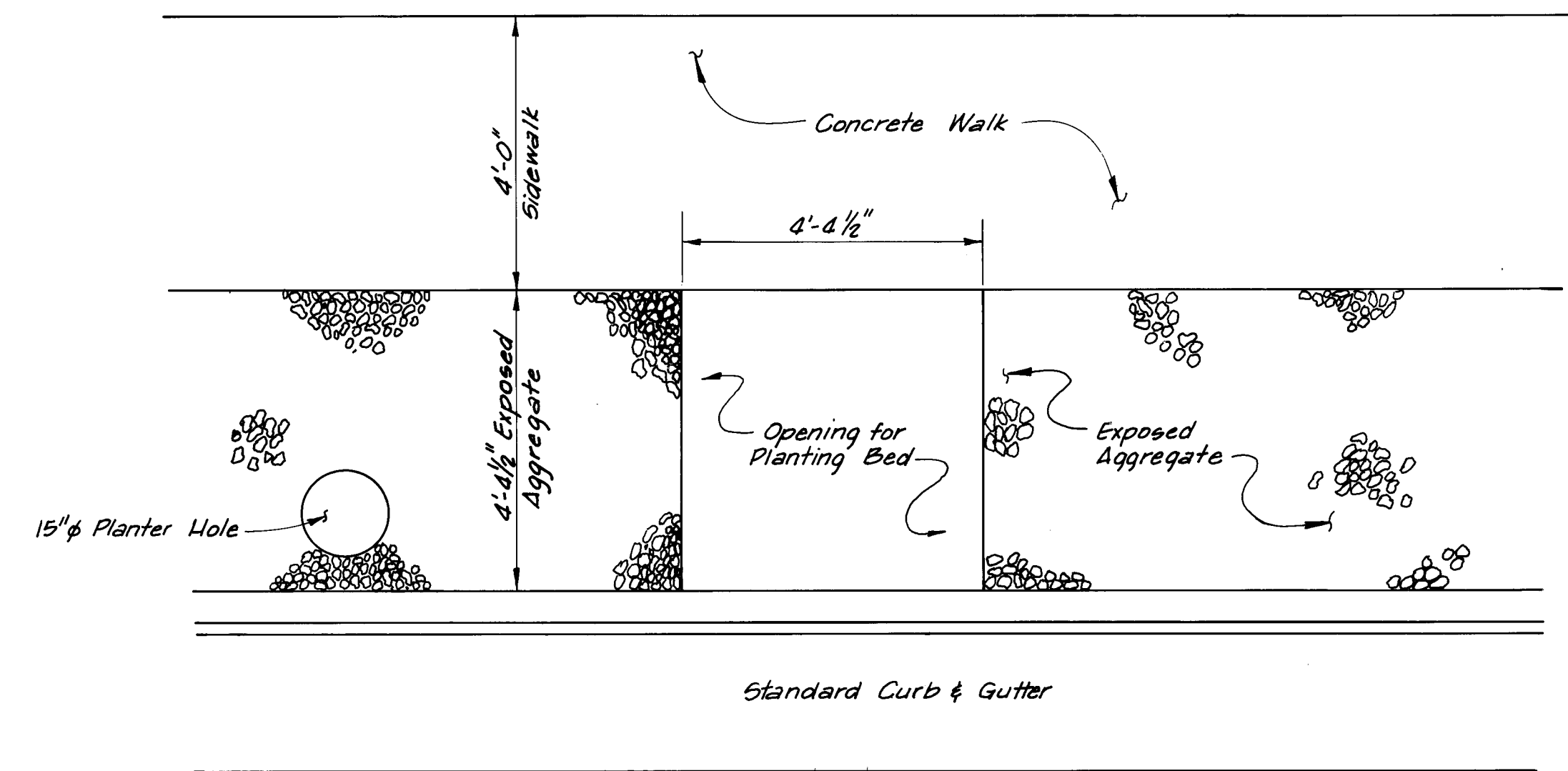
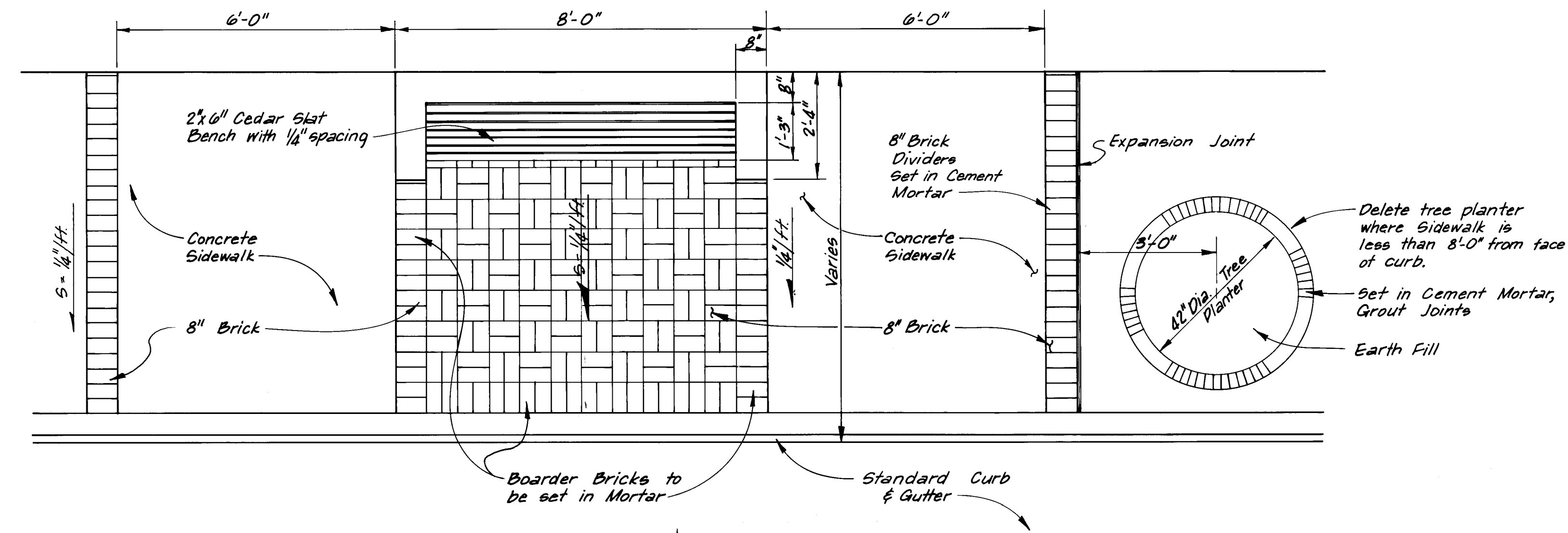
MARTINEZTOWN PAVING CONTRACT

SANITARY SEWER DETAILS

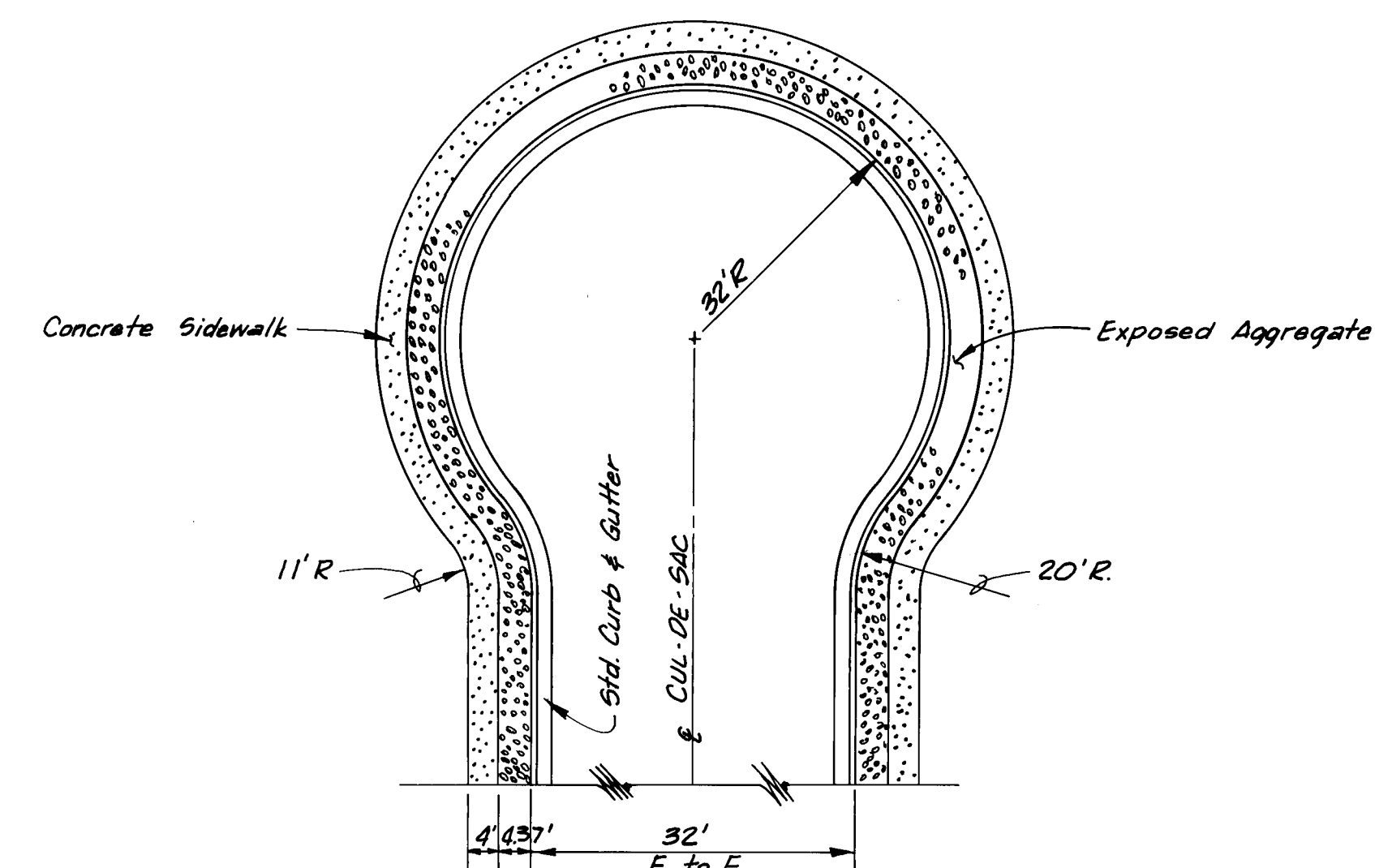
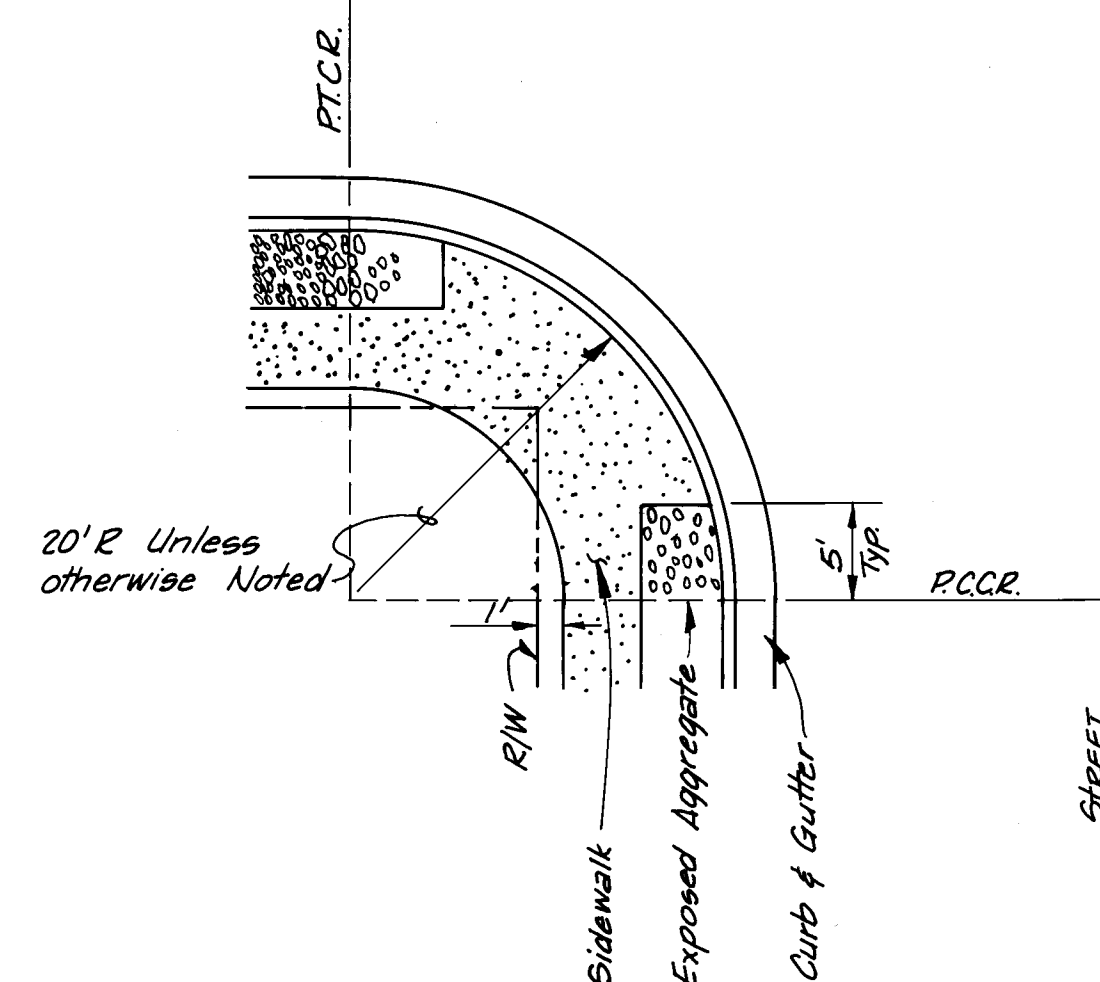
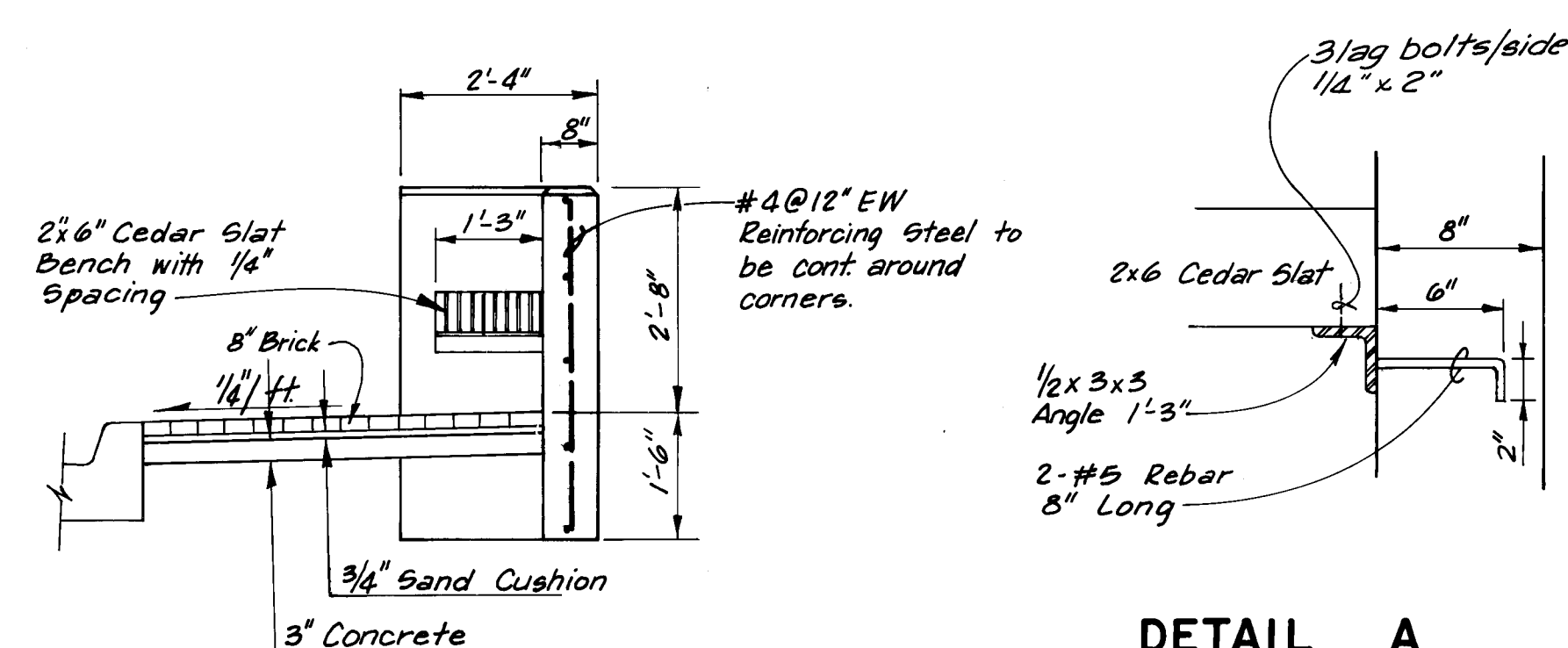
PROJECT NO. N.M. A-1-1					
NEIGHBORHOOD DEVELOPMENT PROGRAM					
URBAN DEVELOPMENT AGENCY OF ALBUQUERQUE					
albuquerque	bernalillo	county	new	mexico	
DATE	JOB NO	SCALE	DRAWN	P.R.	SHEET
10-72	72-52	NOSCALE	CHK'D	R.L.	38
					OF 39

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10 002 3874



SECTION
TYPICAL SIDEWALK DETAILS
RESIDENTIAL STREETS



CUL - DE - SAC DETAIL
NO SCALE

SCANNED BY
BY LASON

10 002 3974

AS BUILT

MARTINEZTOWN PAVING CONTRACT			
MISCELLANEOUS DETAILS			
PROJECT NO. N.M. A-1-1			
NEIGHBORHOOD DEVELOPMENT PROGRAM			
URBAN DEVELOPMENT AGENCY OF ALBUQUERQUE			
albuquerque	bernalillo	county	new mexico
DATE 10-72	JOB NO 72-52	SCALE As Shown	DRAWN: O.R. CHK'D: R.L.
		SHEET OF	39 39



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