

TIJERAS URBAN RENEWAL PROJECT

NO. N.M. R-10

URBAN DEVELOPMENT AGENCY OF ALBUQUERQUE
ALBUQUERQUE NEW MEXICO

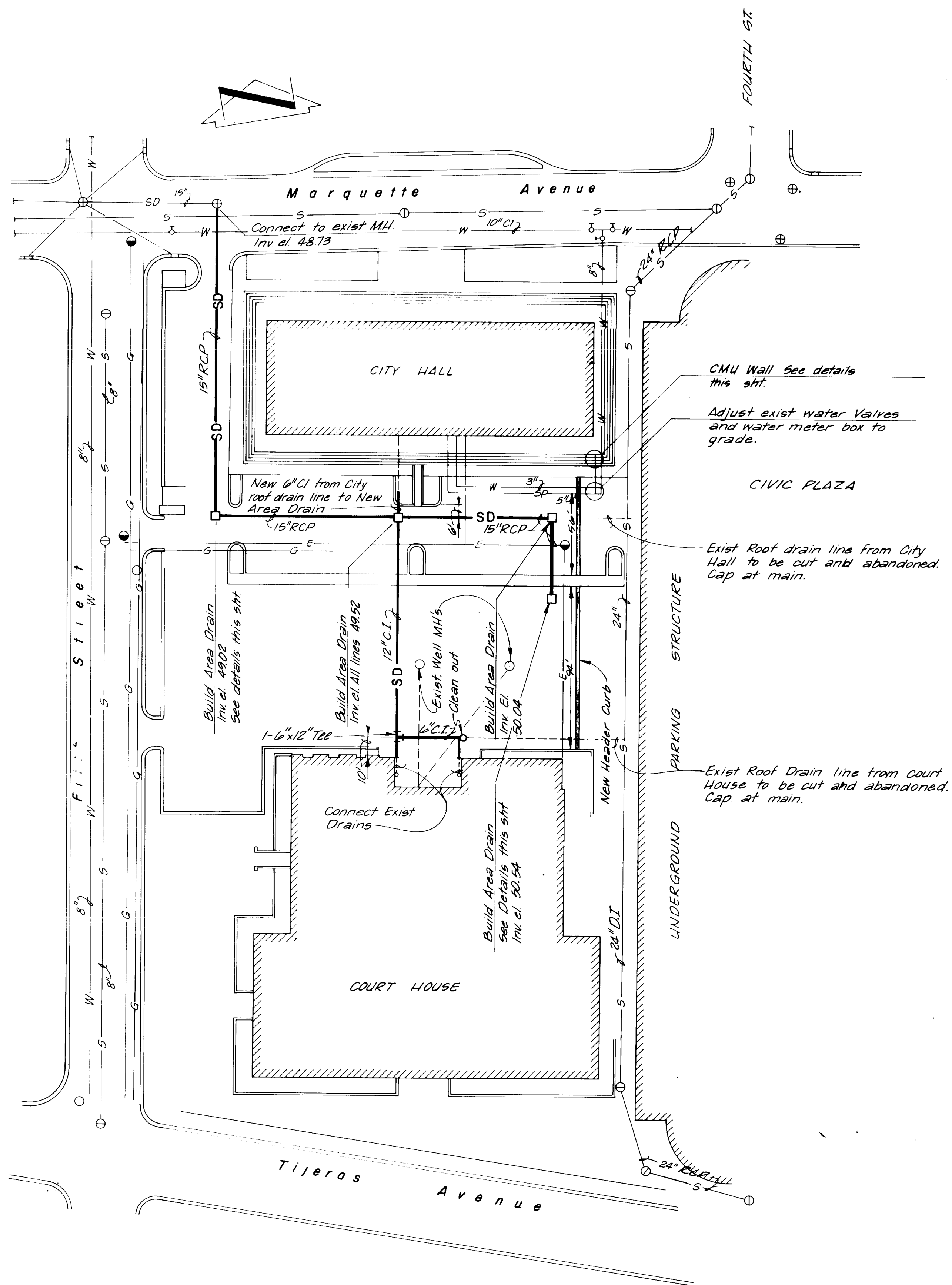
PAVING CONTRACT C-2

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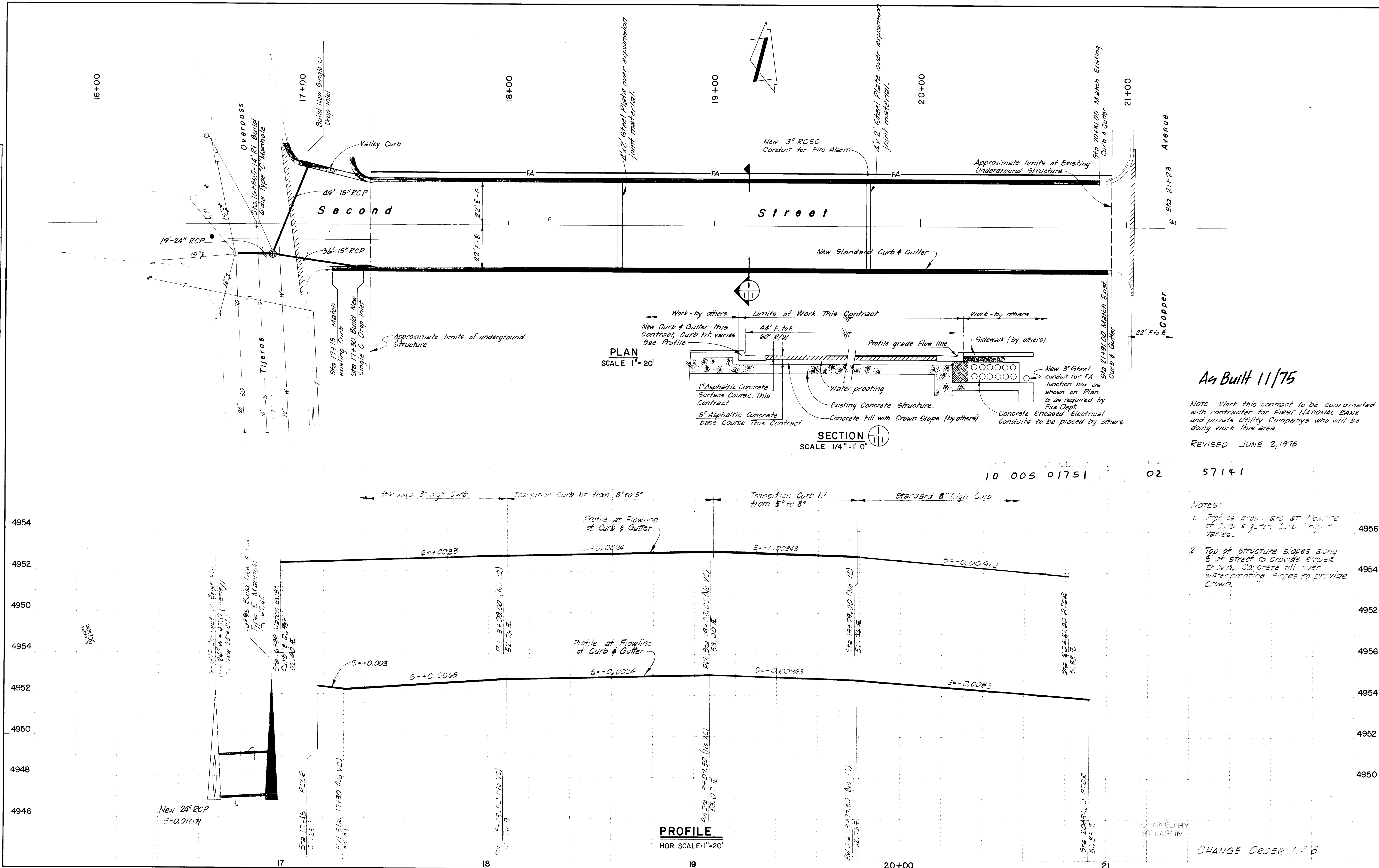
Scanlon & associates, inc.
albuquerque Consulting Engineers santa fe

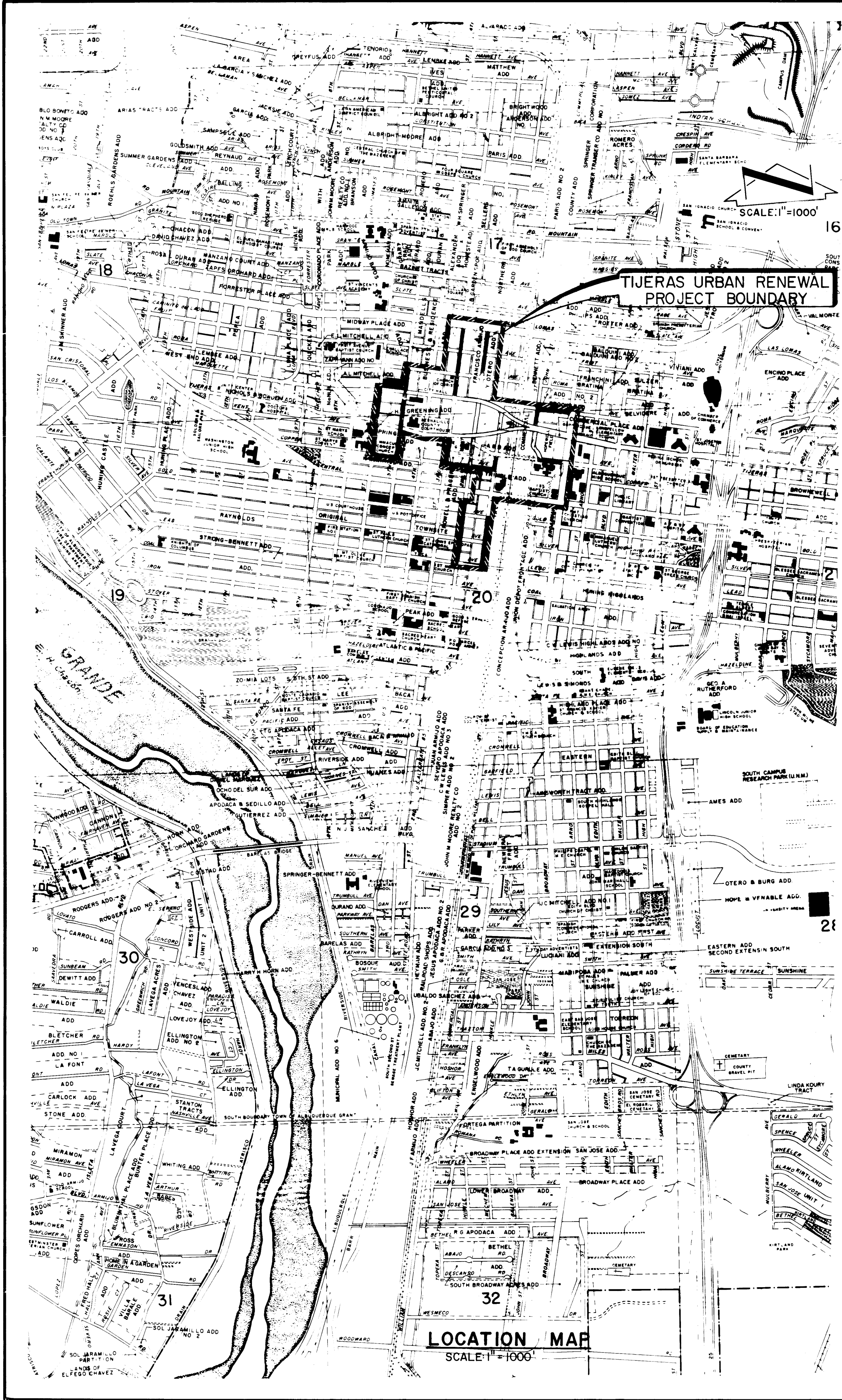
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PROFILE	SURVEYED	BY	DATE
NOTE BOOK	ALIGNED		
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LEGEND

EXISTING SYMBOLS

NEW SYMBOLS

DESCRIPTION

- CURB & GUTTER
- WIRE MESH FENCE
- BOARD FENCE
- MASONRY WALL
- FIRE ALARM
- GUY WIRE
- UTILITY POLE
- LUMINAIRE
- POST OR POLE
- BILLBOARD
- SIGN
- TRAFFIC SIGNAL CONTROL BOX
- TRAFFIC SIGNAL
- OVERHEAD TRAFFIC SIGNAL
- FIRE HYDRANT
- PARKING METER
- MANHOLE (UNKNOWN)
- SANITARY SEWER MANHOLE
- CLEAN OUT
- STORM DRAIN MANHOLE
- ELECTRIC MANHOLE
- TELEPHONE MANHOLE
- DROP INLET
- MAILBOX
- WATER VALVE
- GAS VALVE
- WATER METER
- GAS METER
- CITY MONUMENT
- SIDEWALK DRAIN
- WATER LINE
- SANITARY SEWER LINE
- STORM DRAIN LINE
- SIDEWALK
- CONDUIT JUNCTION BOX
- END ASPHALT PAVEMENT
- GAS LINE
- FIRE ALARM CONDUIT
- TRAFFIC LIGHT CONDUIT
- LUCLUX LIGHT CONDUIT
- PROPOSED NEW TELEPHONE CONDUIT
- PROPOSED NEW ELEC. CONDUIT
- STREET LIGHT BASE WITH 3" STUB OUT
- MAST ARM BASE
- SINGLE PEDESTAL BASE
- TRANSFORMER VAULT
- FIRE ALARM JUNCTION BOX
- DOUBLE STREET LUMINAIRE
- WHEEL CHAIR RAMP

INDEX

DESCRIPTION

SHEET NUMBER

- TITLE SHEET
- INDEX, LOCATION MAP, AND LEGEND
- PROJECT SITE MAP AND GENERAL NOTES
- PARTIAL SITE PLAN-NORTH HALF
- PARTIAL SITE PLAN-SOUTH HALF
- PLAN AND PROFILES (SEE INDEX BELOW)
- MISCELLANEOUS DETAILS
- STREET LIGHTING SYSTEM
- TRAFFIC AND FIRE ALARM SYSTEM
- ELECTRICAL DETAILS
- STREET SECTIONS AND DETAILS

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LOMAS BLVD.		43	

* SHEET 11#57 DELETED

10 005 0275 21212121

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SCANNED BY LASON

PAVING CONTRACT C-2

INDEX, LOCATION MAP, AND LEGEND

PROJECT NO. NM R-10

TIJERAS URBAN RENEWAL PROJECT

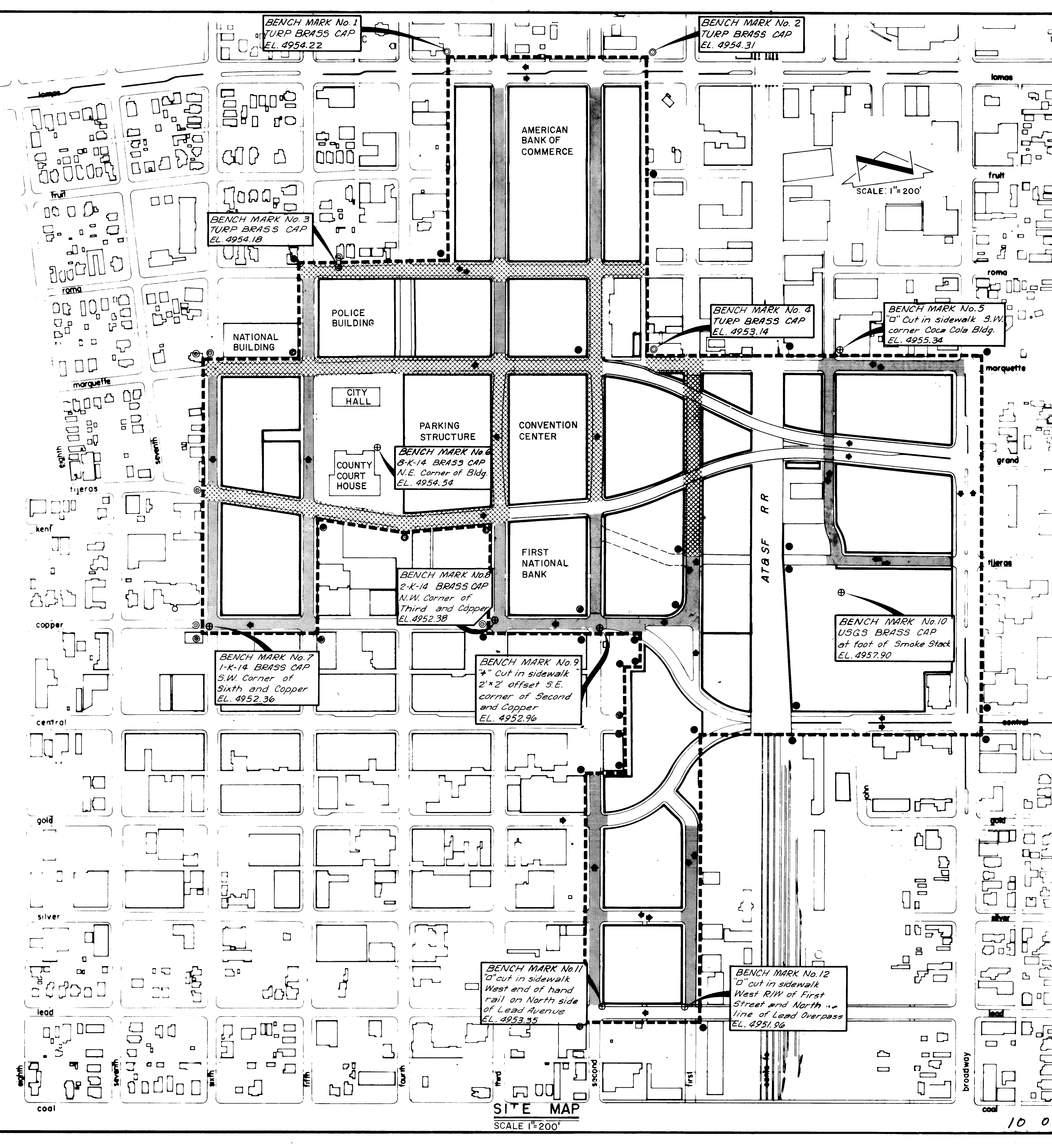
URBAN DEVELOPMENT AGENCY OF ALBUQUERQUE

albuquerque bernalillo county new mexico

DATE 2-74 JOB NO 72012 SCALE 1"=1000' DRAWN: O.R. SHEET 2 OF 64

CHK'D: C.C.

Scanton & associates, inc. albuquerque Consulting Engineers santa fe



GENERAL NOTES

- There will be gas line rerouting, telephone, and powerline underground installation in the street and major construction several properties adjacent to the streets. This contractor shall coordinate his work with all construction in the area. He shall notify the engineer before proceeding with any construction in the immediate area. This notice shall be given even though a notice to proceed for the portion of work has been given by the engineer.
- The centerline of streets to be constructed under this contract are to be determined by establishing the property corners and splitting the street right of way. Adjustment of grades and stationing to be made by the engineer before construction begins. Construction staking to be done by Scanlon and Associates Inc.
- The contractor should take particular note of provisions in the specifications for trenching ahead of line installation and for recording encountered utilities.
- All existing utilities shown were taken from record drawings and surface indicators, as accurately as possible from information available. It will be the contractor's responsibility to protect, maintain in service, and verify exact locations of all affected utilities during construction of this project.
- All utility poles in conflict with the construction of this project are to be relocated by others. The contractor shall coordinate any work required by others in the area with the construction of this contract.
- The contractor shall notify the Telephone Company by calling 765-8826, Public Service Co. by calling 842-2767, and Southern Union Gas Co. by calling 247-4101, before commencing work in areas near private underground utility lines.
- All existing water valve boxes and sewer manholes in the construction area are to be adjusted to finish grade under this contract unless otherwise noted. 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.
- 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.
- Sewer service lines, for all vacant buildings owned by the Urban Development Agency and for all demolished buildings, 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.
- All finished curb grades and profiles are to the top of the curb unless otherwise noted.
- Curb return radii and street widths are to the flowline of the curb.
- Where removal of existing curb and gutter is required, remove back to the nearest joint.
- Where 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.
- 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.
- Existing materials to be removed and paid for on a unit basis shall be measured and the quantities approved by the engineer before removal.
- Depth of manhole shall be measured from the top of the frame to the bottom of the lowest line entering the manhole. Horizontal length of pipe shall be measured from the inside face of the manhole.
- New water mains shall have a minimum cover of 36" except where shown otherwise on the plans or approved by the engineer.
- During the construction period the utmost care shall be taken to see that the inside of pipes, 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.
- Remove all valve boxes from abandoned water lines. Payment will be subsidiary to the paving cost.
- The contractor shall be responsible for location drop inlets to clear drive pads as approved by the engineer.
- 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.
- Existing fire hydrants, manhole rings & covers, watervalue bearing plates and covers, and drop inlet grates removed and not reused are considered the property of the City of Albuquerque and are to be delivered by the contractor to the city yards.
- When the entire pipeline or certain selected sections thereof have been completed, tested and made ready for turning over to the owner, ready for use, the line must be thoroughly sterilized in accordance with the specifications.
- Policy on proximity of water and sewerlines; whenever possible, it is desirable to lay parallel water and sewer lines at least ten feet (10') apart horizontally, and the water line should be at a 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.
- Any fire alarm conduit traffic control conduit, street light conduit or other underground items installed for future use shall be permanently marked on the surface finish at their ends or on top of curb at their crossing.
- Plugging of existing lines in manholes and elsewhere as directed by the engineer is considered incidental to other work items. No extra payment will be made for this work.
- Before any construction work is begun on any particular street, the contractor shall notify the following agencies in order that they may remove, relocate, or otherwise modify their facilities to accommodate new construction: U. S. Post Office Department, City of Albuquerque Fire Department and City of Albuquerque Traffic Department.
- Handicap ramps to be constructed at or near each new curb return in accordance with standard details and specifications. The exact location of each ramp shall be determined in the field.

LEGEND

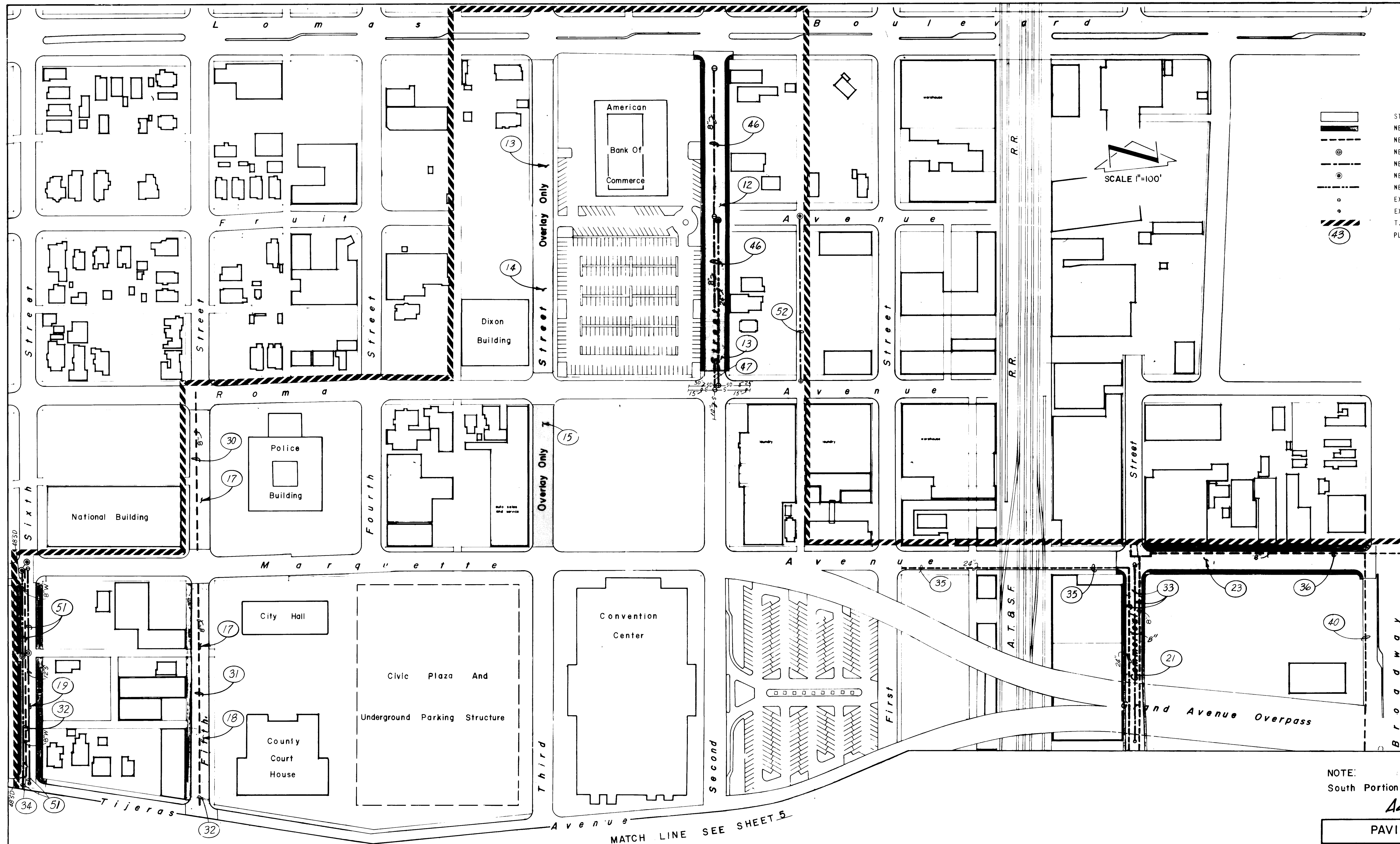
- STREETS TO BE PAVED THIS CONTRACT
- STREETS PAVED IN C-2 CONTRACT.
- MONUMENT TO BE SET THIS CONTRACT.
- EXISTING MONUMENT.

As Built 11/75
SCANNED BY
BY LASON

PAVING CONTRACT C-2					
PROJECT SITE MAP AND GENERAL NOTES					
PROJECT NO. NM R-10					
TIJERAS URBAN RENEWAL PROJECT					
URBAN DEVELOPMENT AGENCY OF ALBUQUERQUE					
albuquerque bernalillo county new mexico					
DATE	JOB NO.	SCALE	DRAWN: O.R.	SHEET	
2-74	72012	1"=200'	CHK'D: C.C.	3	64
Scanlon & associates, inc.					
albuquerque Consulting Engineers santa fe					

SITE MAP
SCALE 1"=200'

10 005 0375 21212121



LEGEND

- STREETS TO BE PAVED THIS CONTRACT.
- NEW SIDEWALK, CURB AND GUTTER THIS CONTRACT.
- NEW WATER LINE.
- NEW SANITARY SEWER MANHOLE.
- NEW SANITARY SEWER LINE.
- NEW STORM DRAIN MANHOLE.
- NEW STORM DRAIN LINE.
- EXISTING SANITARY SEWER MANHOLE.
- EXISTING STORM DRAIN MANHOLE.
- T.U.R.P. AREA BOUNDARY.
- PLAN AND PROFILE SHEET NUMBERS.

NOTE:
South Portion Of Site Plan Shown On Sheet 5

As Built 11/75

PAVING CONTRACT C-2

PARTIAL SITE PLAN NORTH HALF

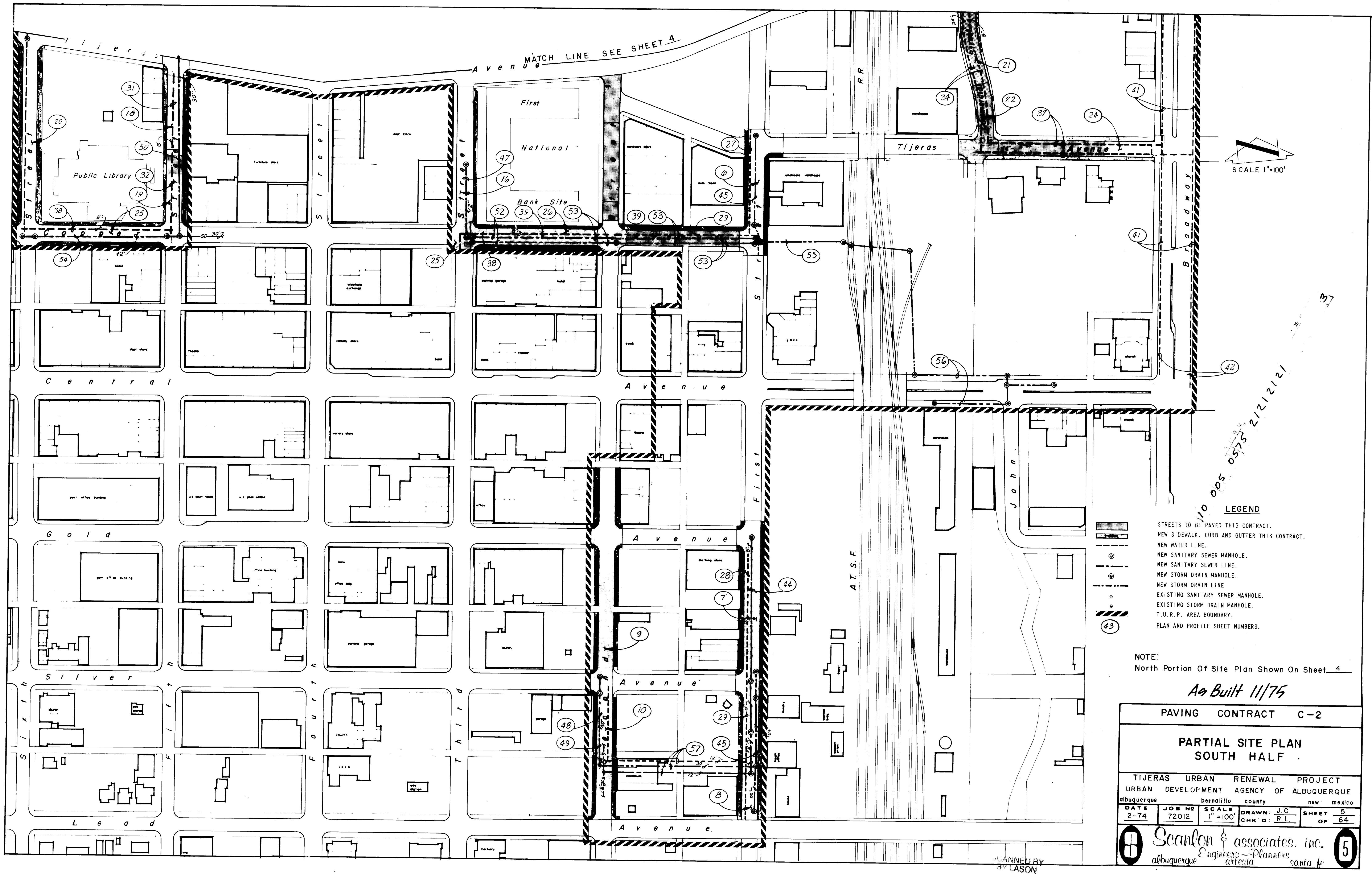
TIJERAS URBAN RENEWAL PROJECT
URBAN DEVELOPMENT AGENCY OF ALBUQUERQUE
albuquerque bernalillo county new mexico

DATE 2-74	JOB NO 72012	SCALE 1"=100'	DRAWN J.C. CHK'D R.L.	SHEET 4 OF 64
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Scanlon & associates, inc.
Engineers - Planners
albuquerque artesia santa fe

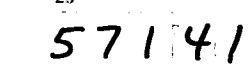
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GRADES CHECKED			
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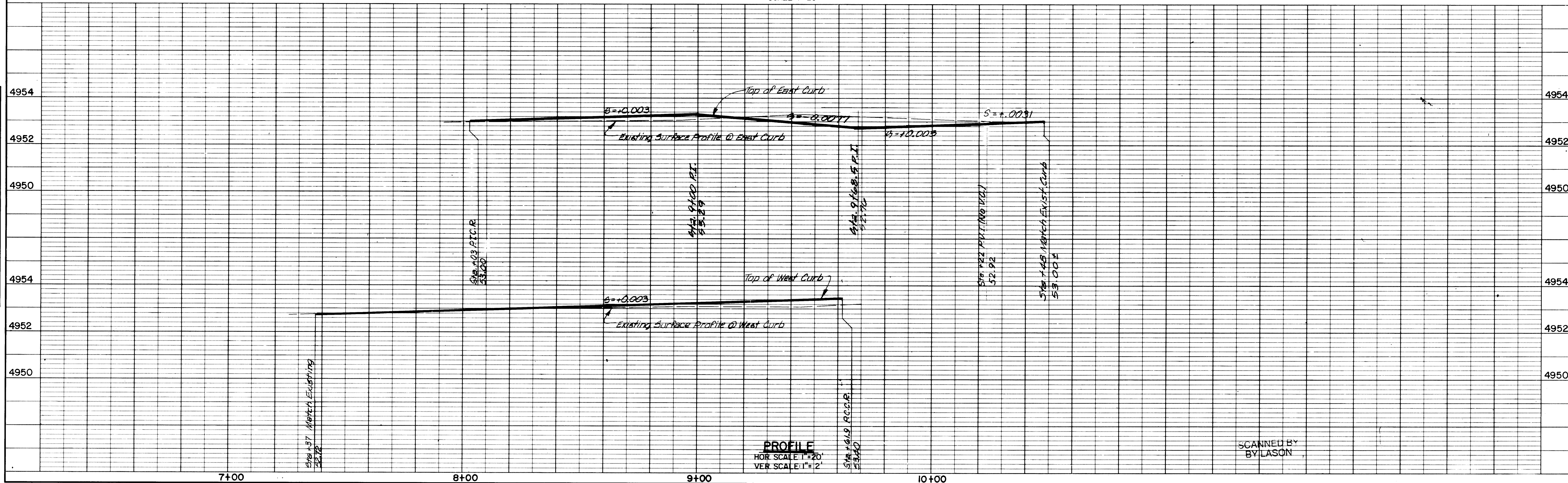
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Bench Mark:
"X" marked on fire hydrant
N.W. corner COPPER AVENUE &
FIRST STREET Elev.: 4955.86

As Built 11/75

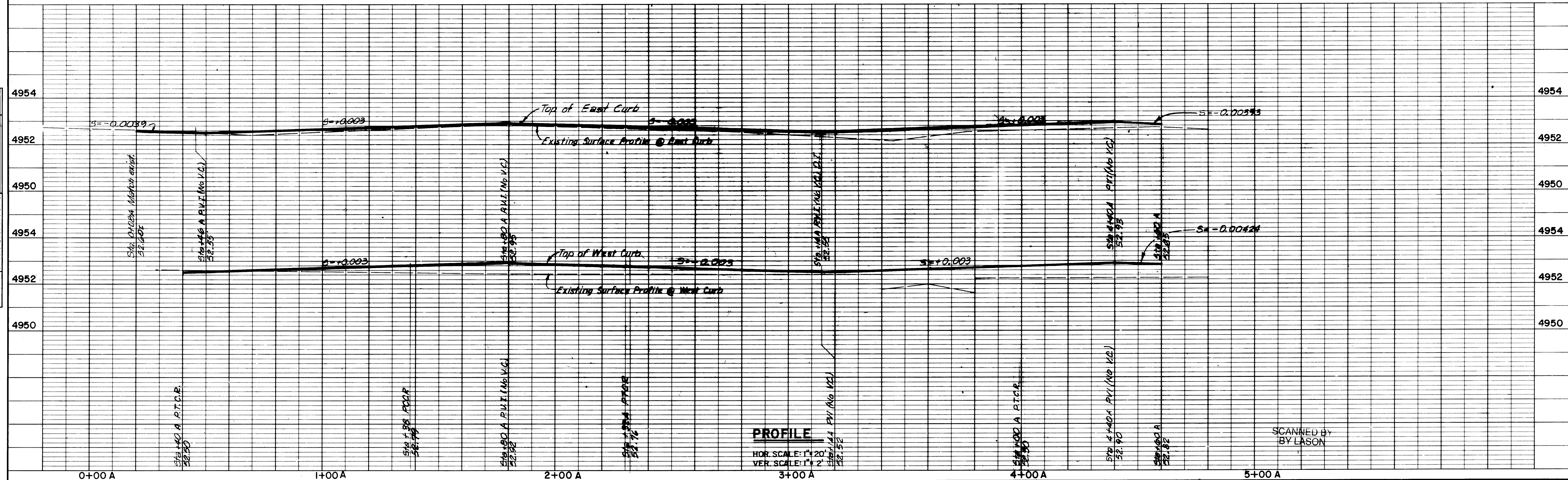
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SCALE: 1"=20'



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BY LASON

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KOOGLE & POULS ENGINEERING
5115 COPPER N.E. ALBUQUERQUE, NEW MEXICO



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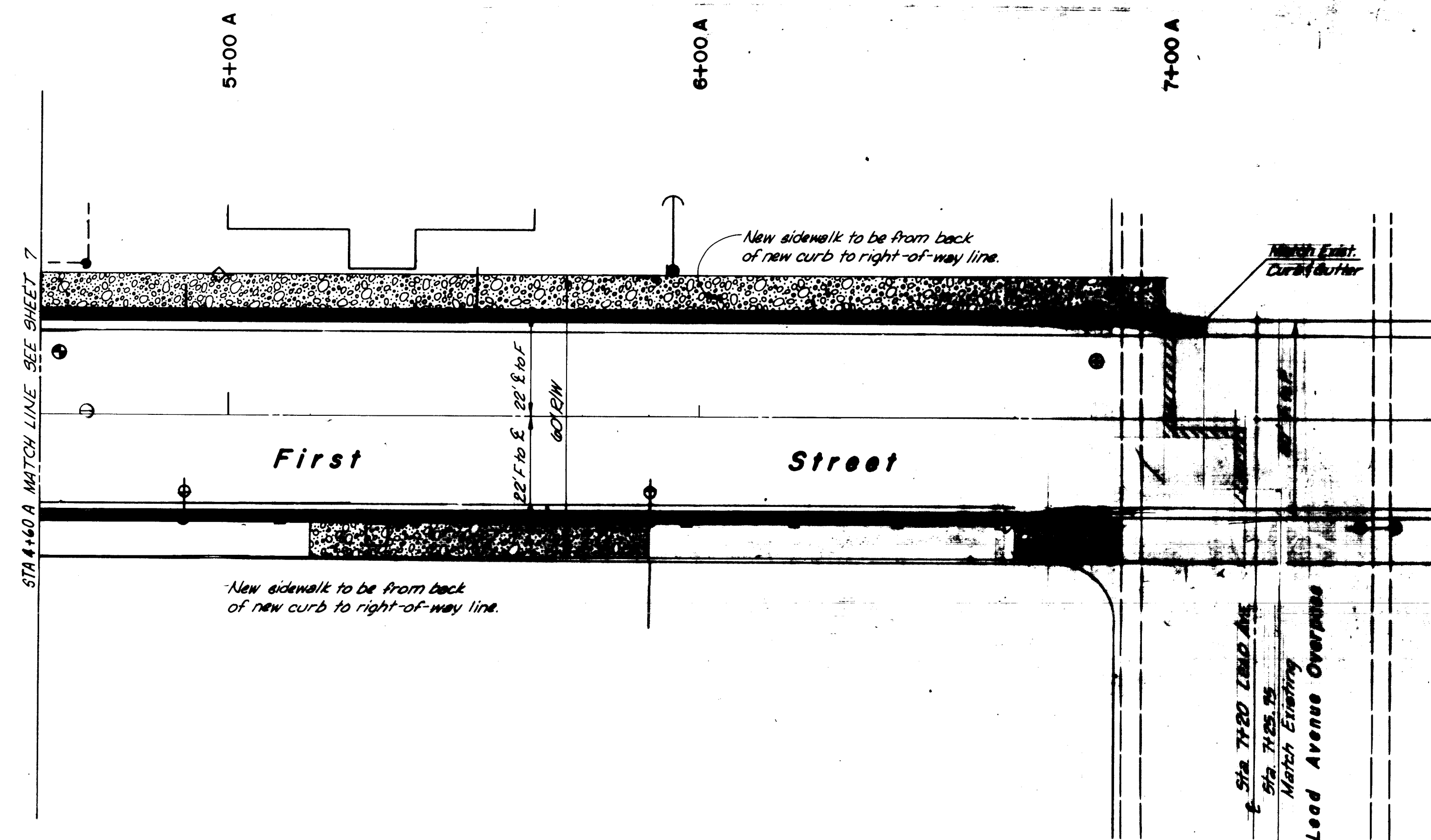
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HOR. SCALE: 1"=100'
VER. SCALE: 1"=10'
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BY LASON

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KOOGLE & POLLS ENGINEERING
 5115 CORP. N.E. AMHERST, N.Y. 14226

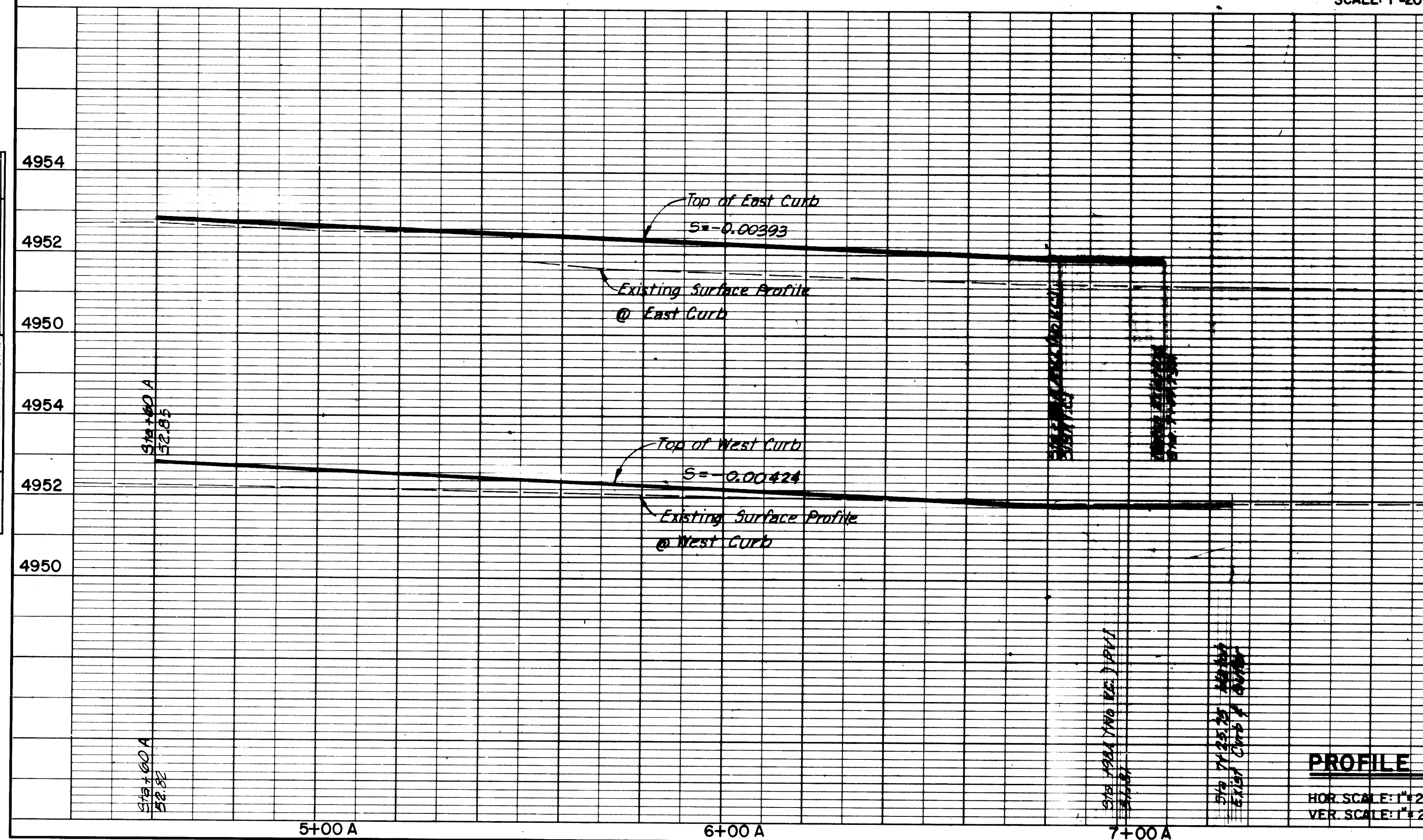
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 SCALE: 1"=20'

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As Built 11/75
 Revised Jan. 30, 1975



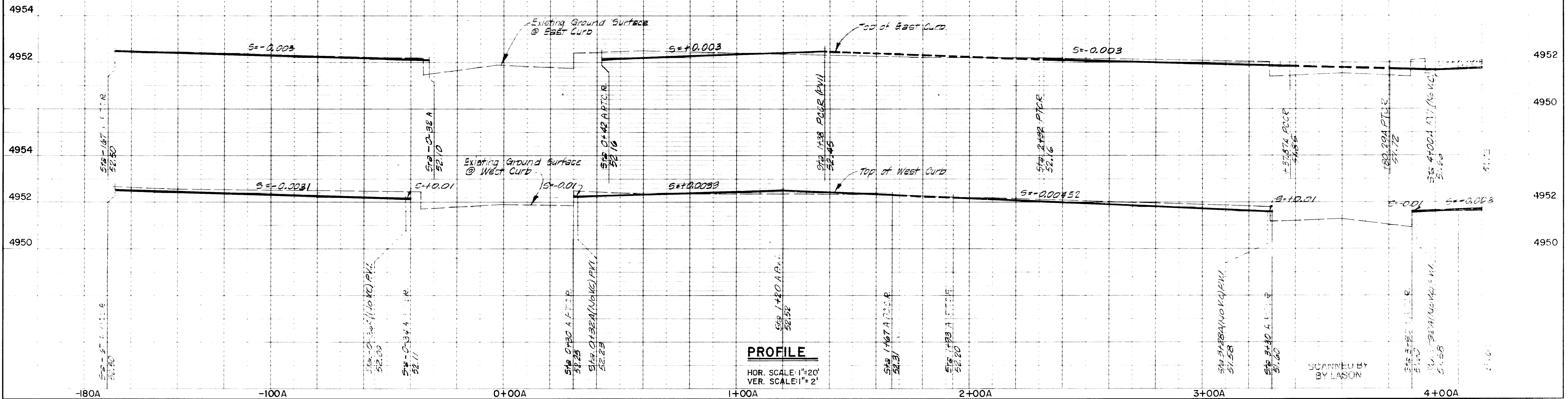
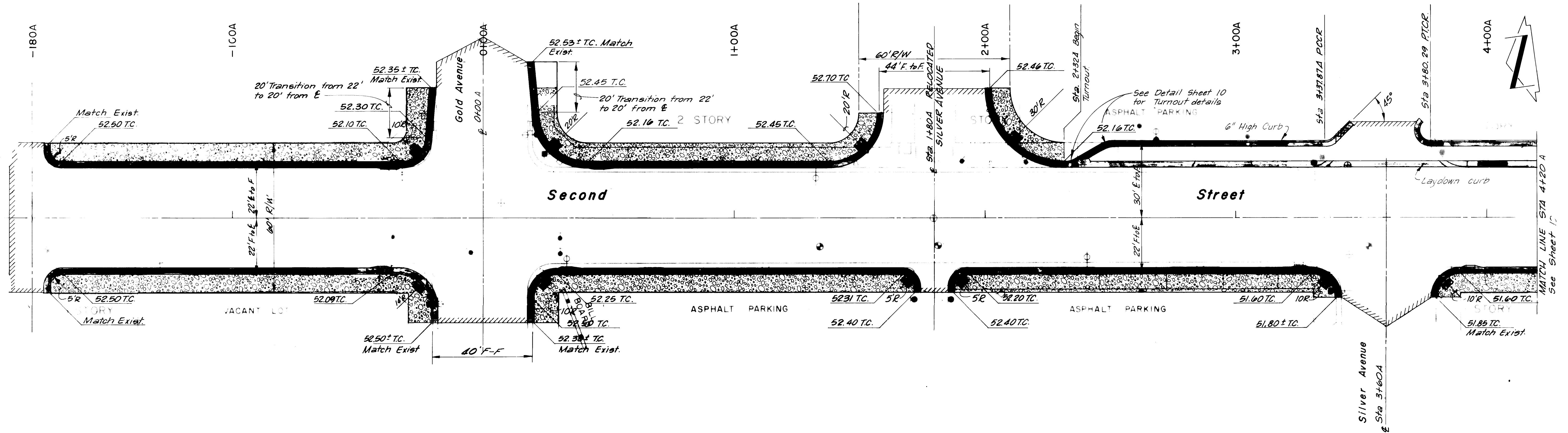
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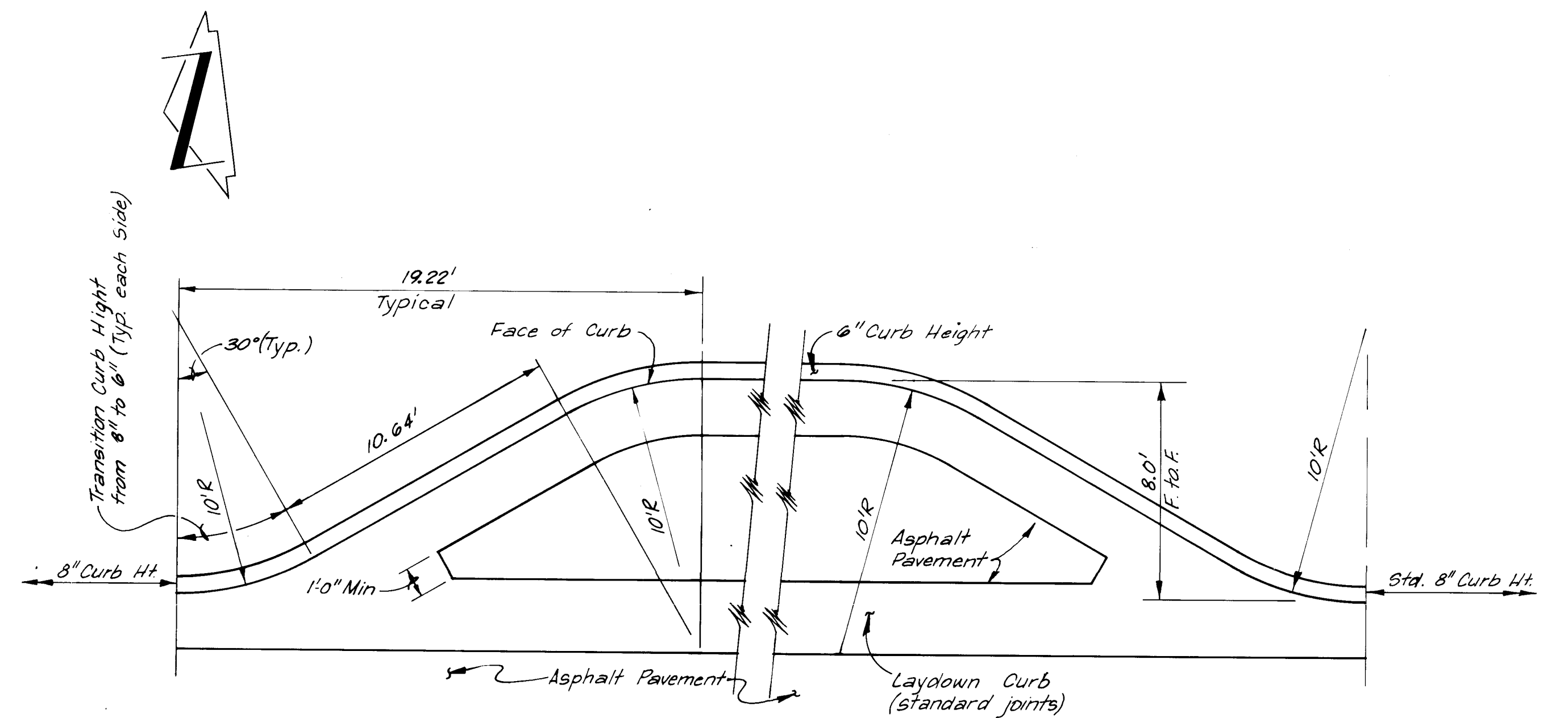
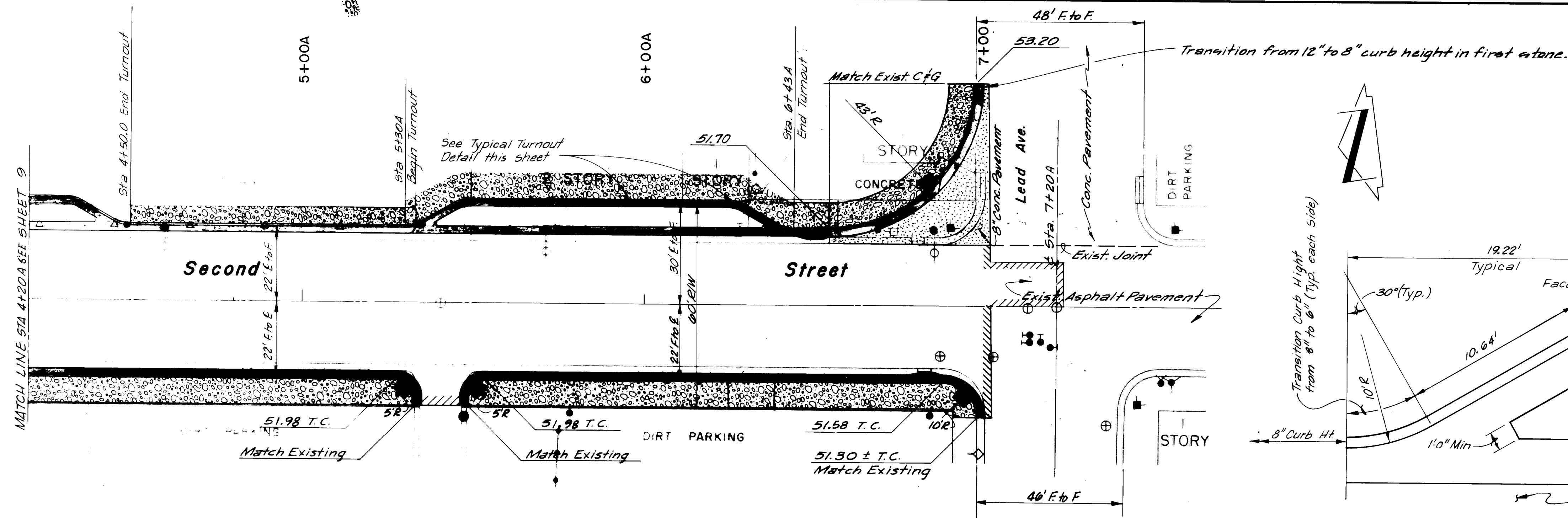
GOOGLE & POLLS ENGINEERING
11155 COLUMBIA AVE. NEW YORK, NY 10002



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COOGL & POLLS ENGINEERING
3115 LUTHER AVE. ALBUQUERQUE, N.M. 87103

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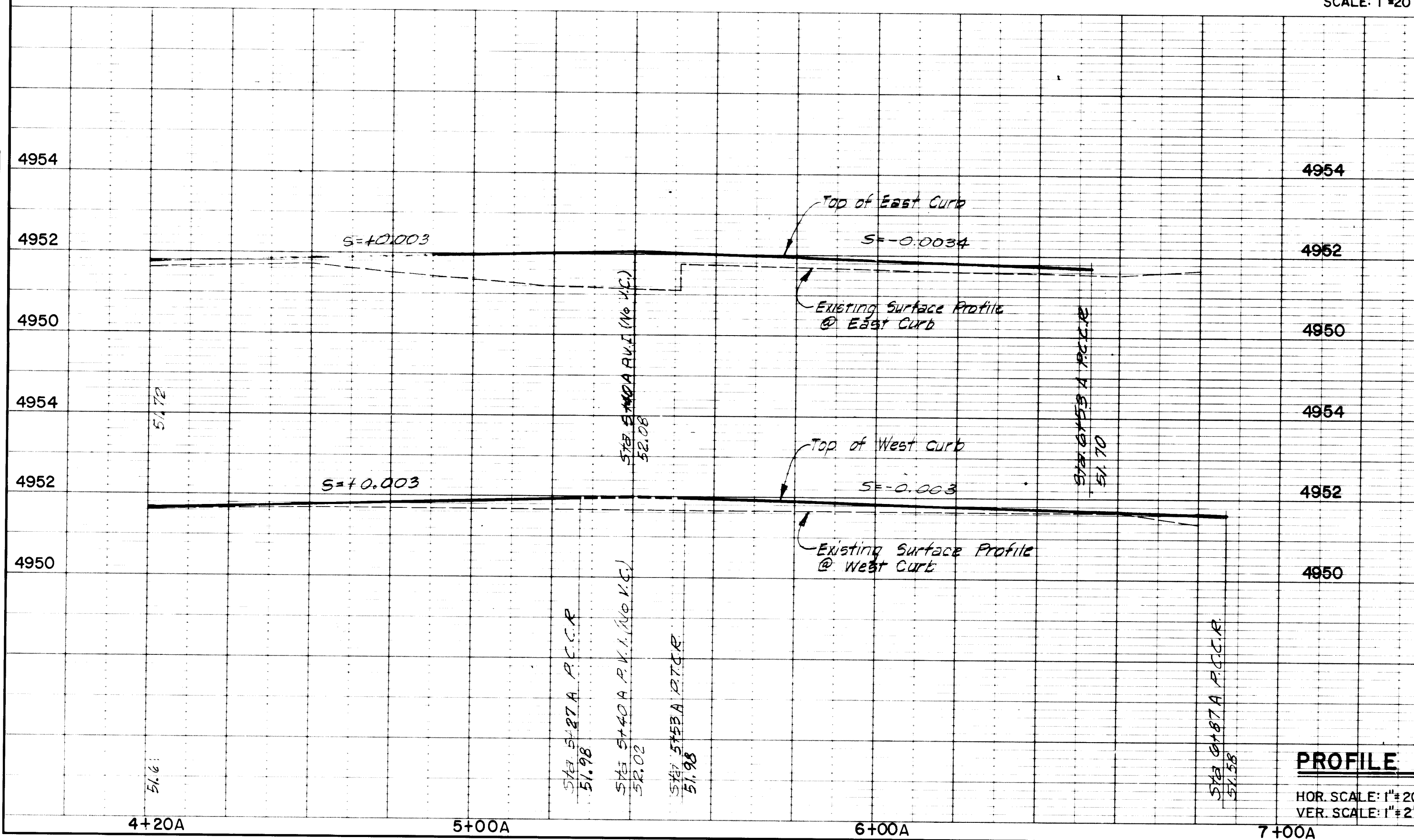
TYPICAL TURNOUT DETAIL
SCALE: 1"=4'-0"

PLAN
SCALE: 1"=20'

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02 57191

As Built 11/75
Revised March 10, 1975
Revised Jan 30, 1975



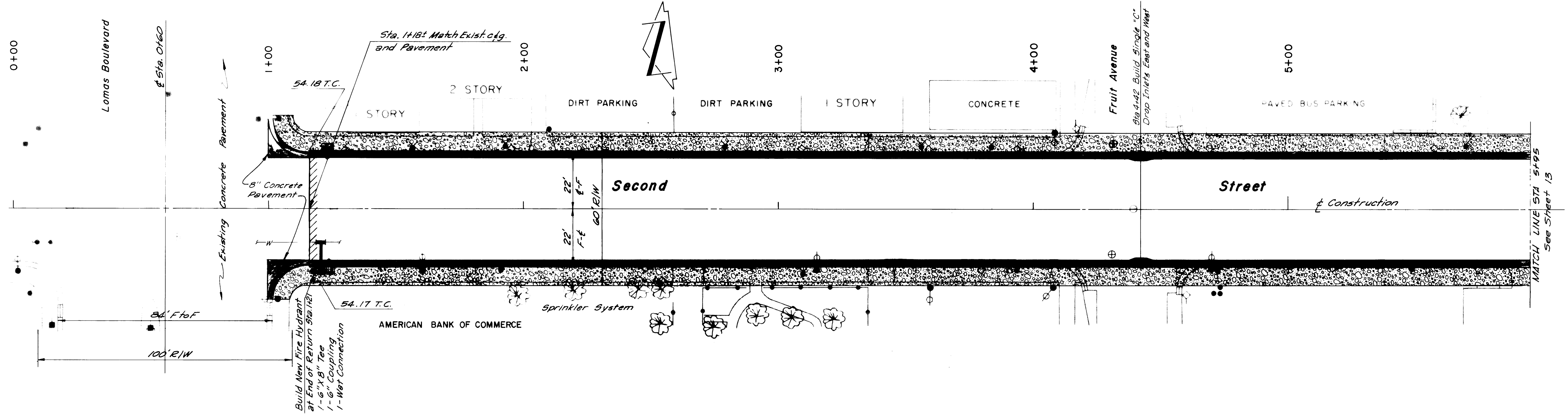
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VER. SCALE: 1"=2'

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BY LASON

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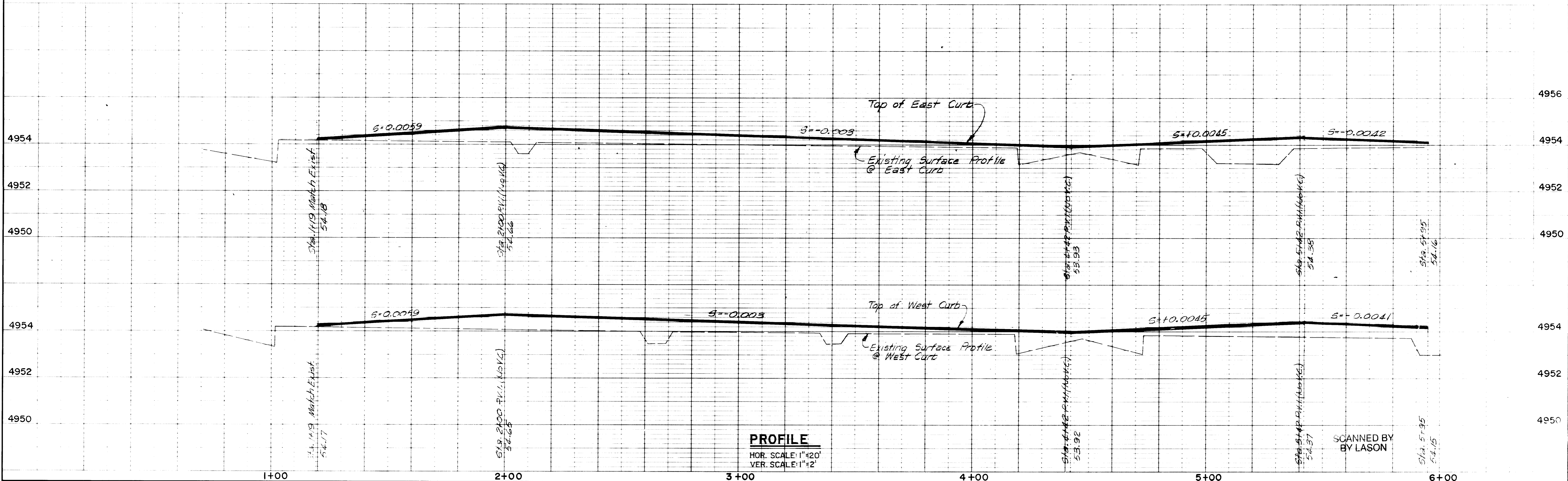
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MOORE & POLLS ENGINEERING
ST. LOUIS, MISSOURI



PLAN
SCALE: 1"=20'

10 005 1275 2602 59142 A4 Built 11/75



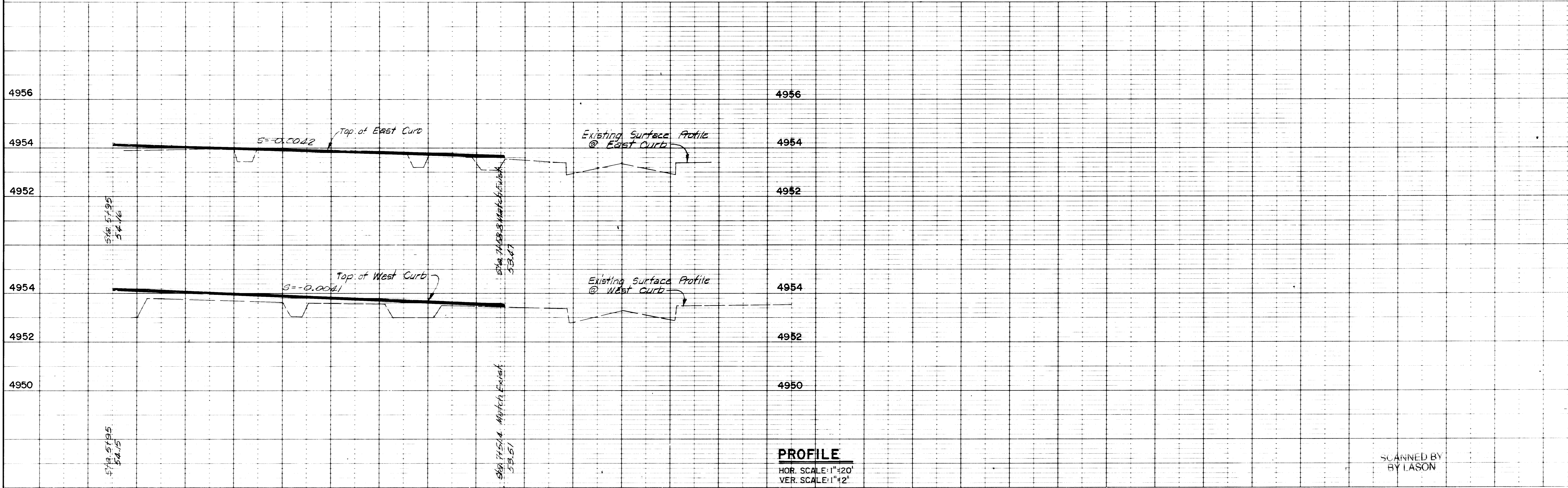
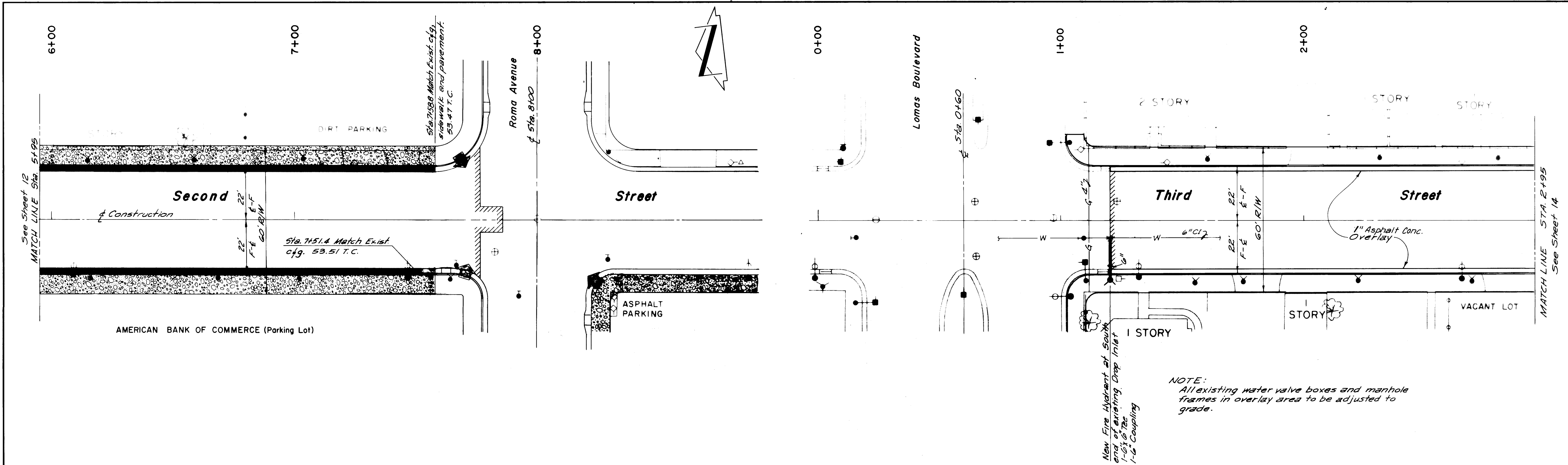
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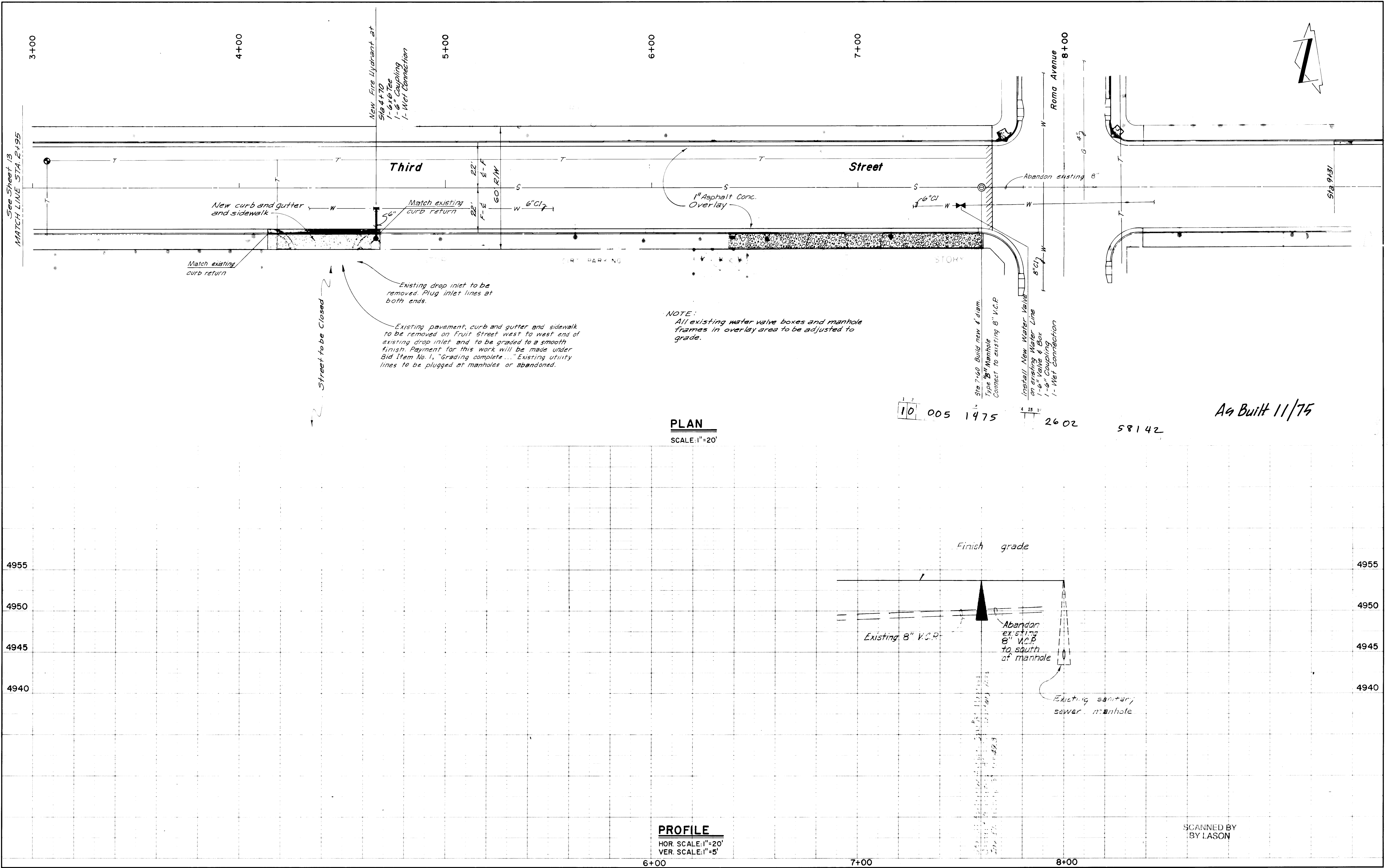
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 KOSLOFF & POLLS ENGINEERING
 3115 COMMERCE AVENUE, NEW MEXICO



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KOOGLE & POULS ENGINEERING
3115 COPPER N.E. AIRBORNE NEW MEXICO

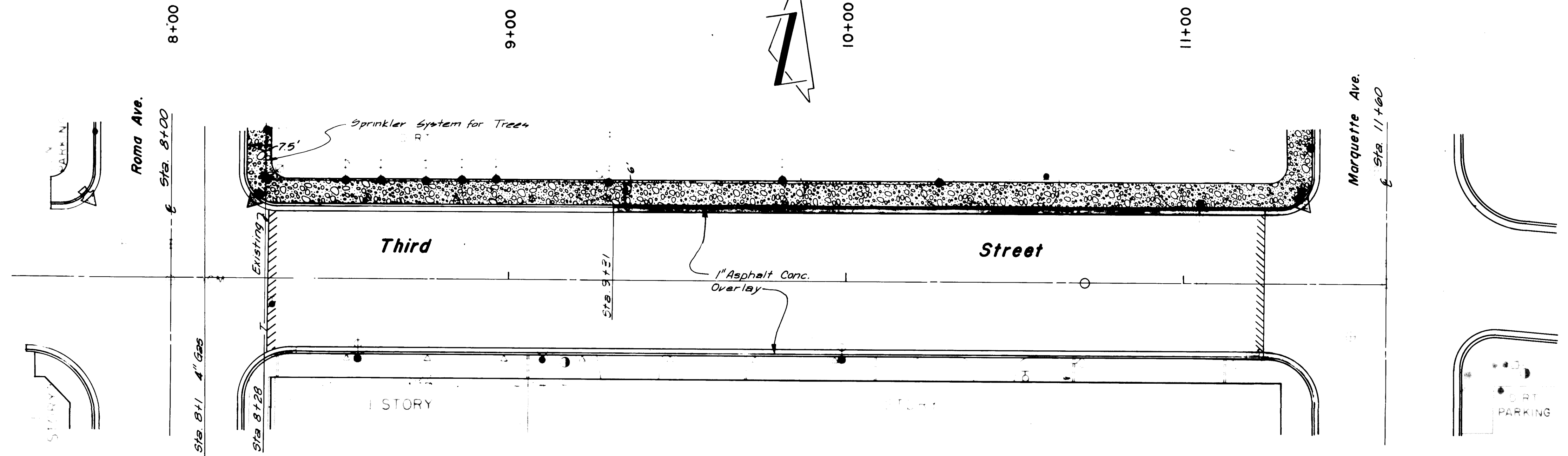


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3115 CORPENT ALBOQUERQUE, NEW MEXICO

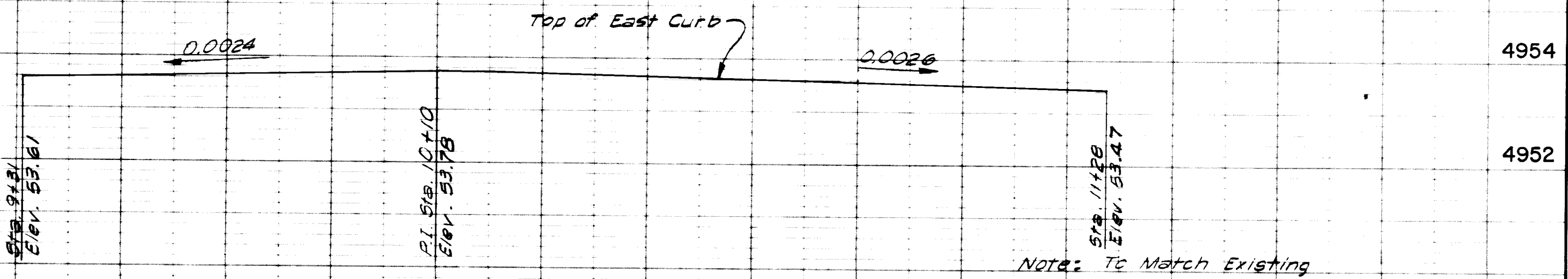
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As Built 11/75



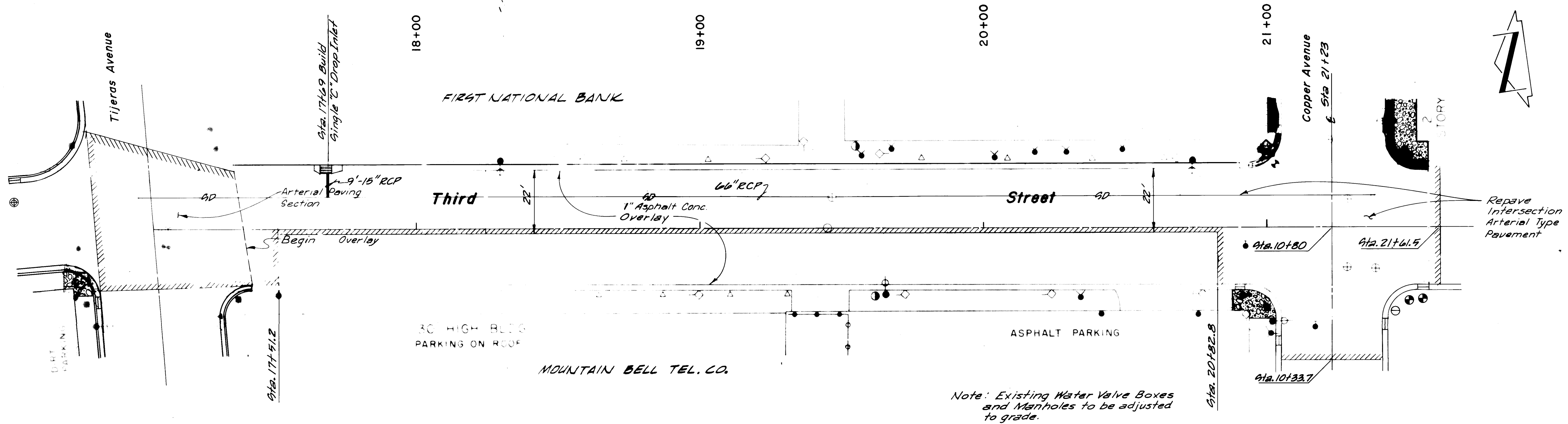
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DATE: 11/11/75



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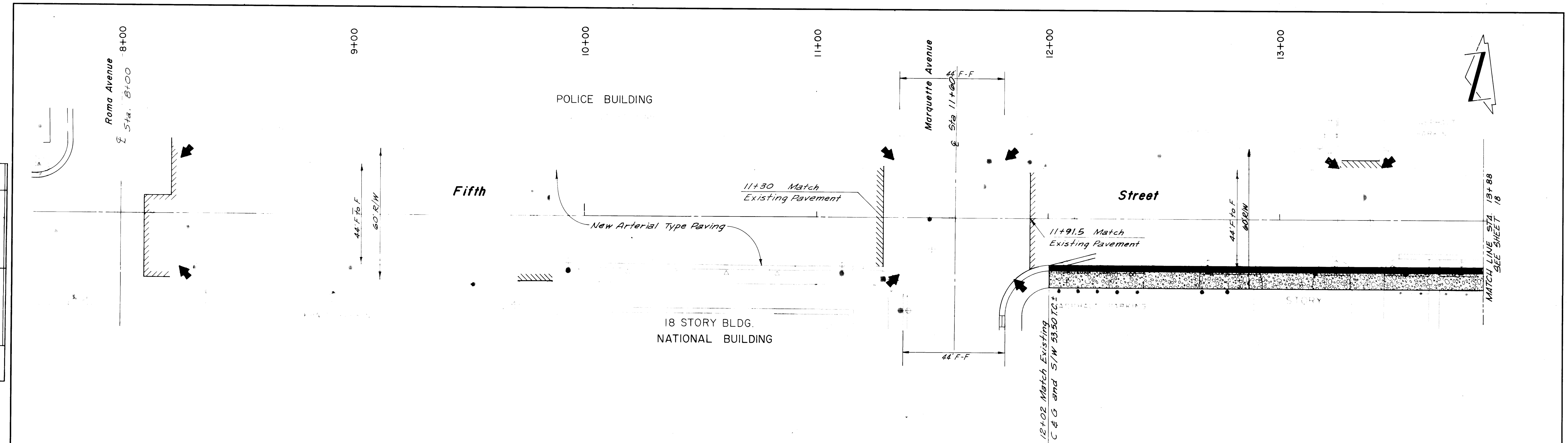
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KOOGLE & POLIS ENGINEERING
5115 CORPENT AVENUE, NEW YORK

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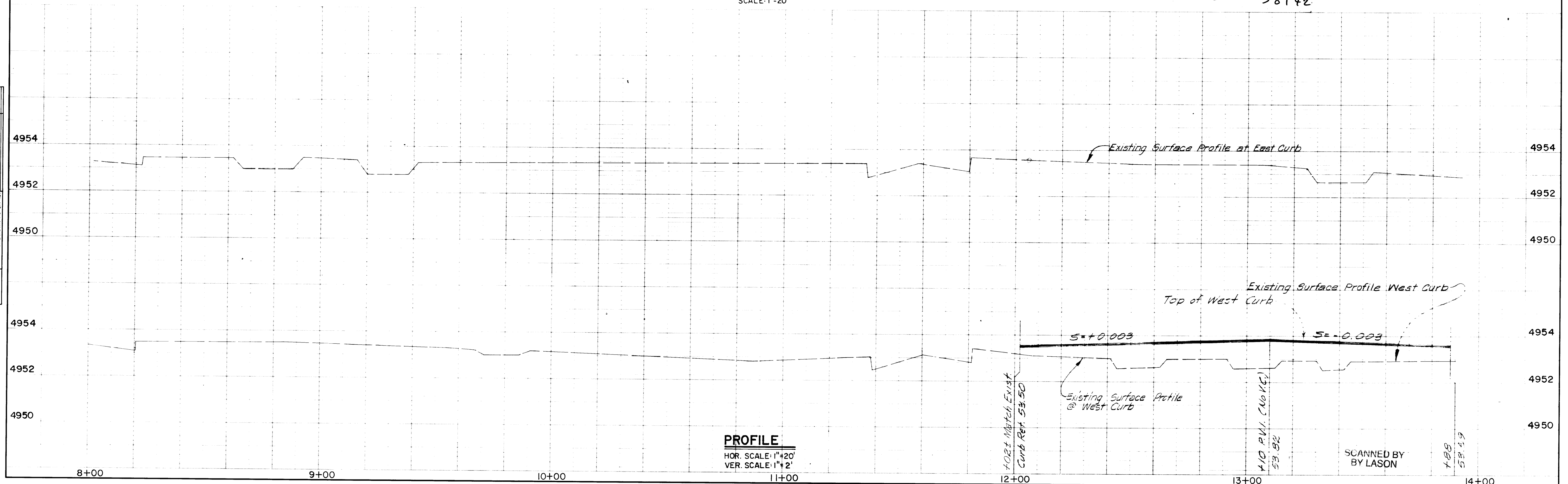


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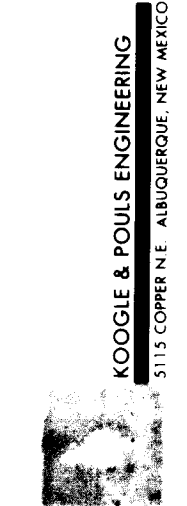
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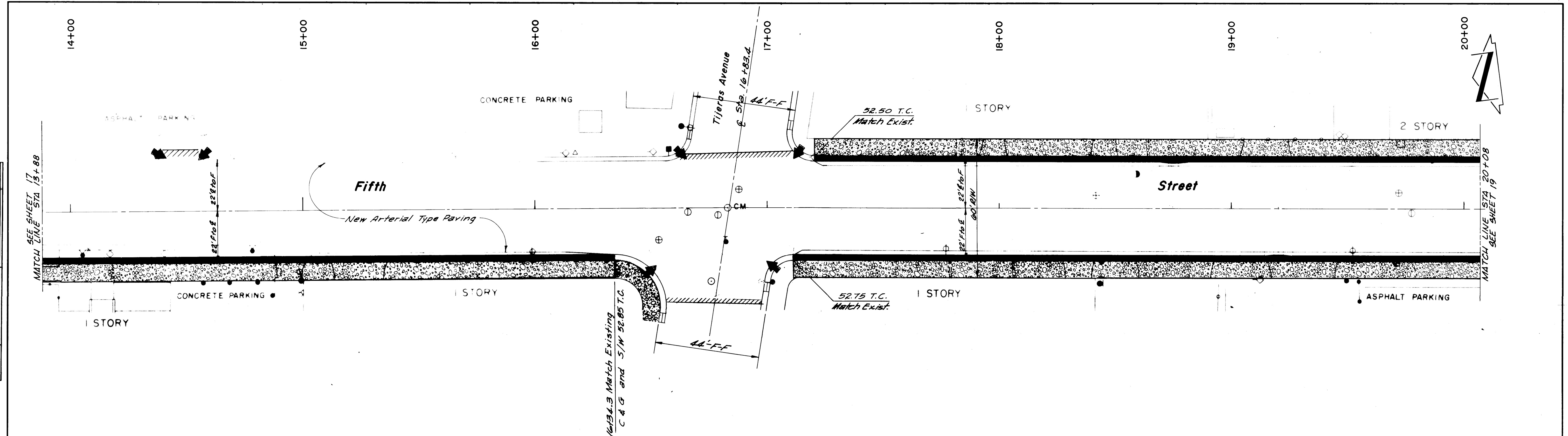
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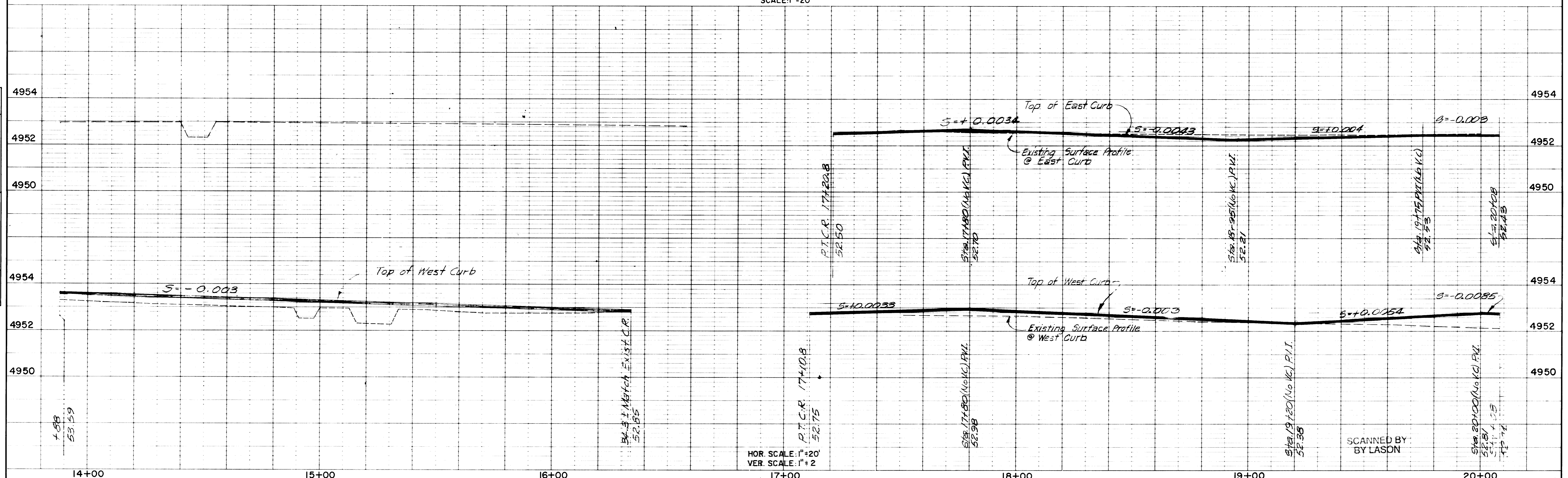
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As Built 11/75



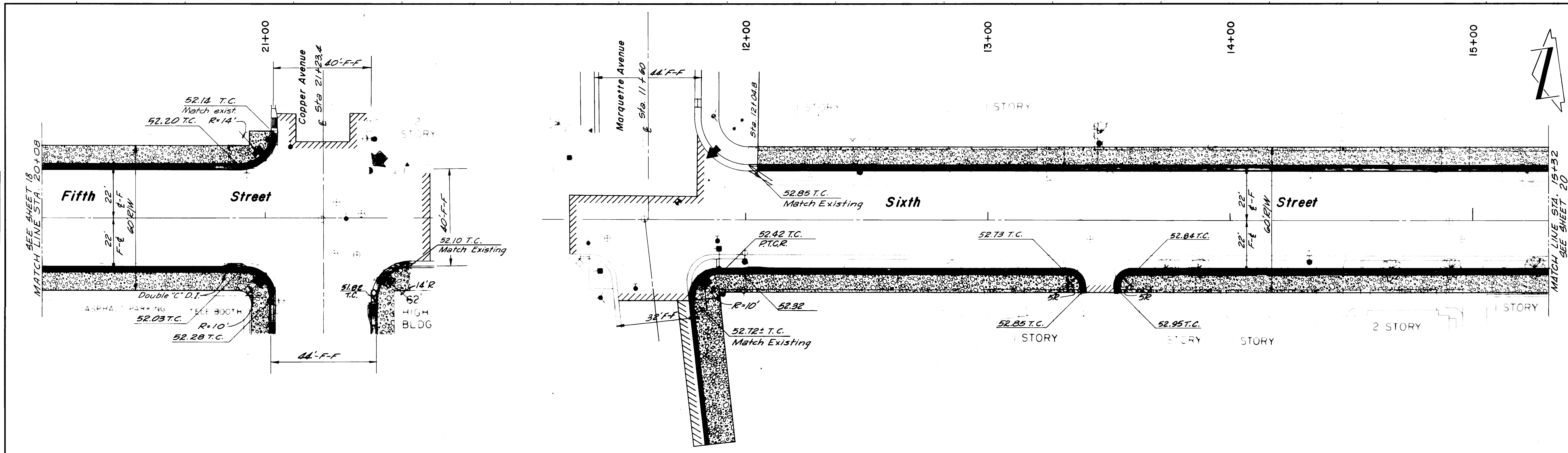
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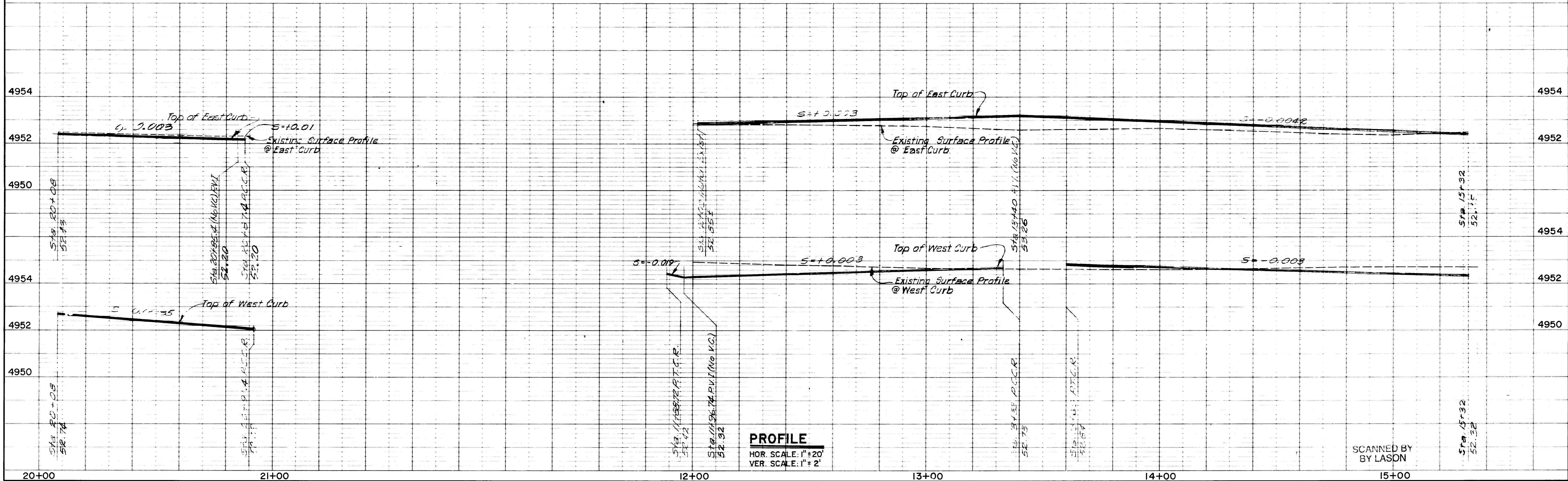
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KOOGL & POLLS ENGINEERING
 3115 CUMBERLAND AVENUE, NEW BRUNSWICK, NJ 08901
 908-833-1111



PLAN
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10 005 1975 02 58141 Ag Built 11/75



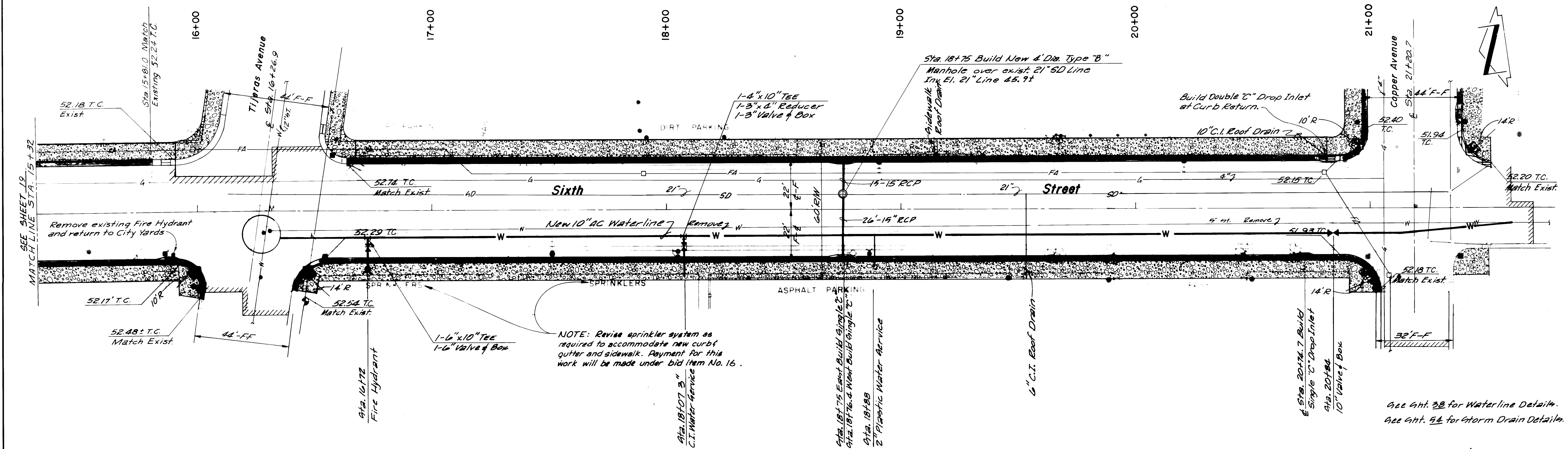
PROFILE
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 VER. SCALE: 1"=2'

SCANNED BY
 BY LASON

PLAN	DATE	BY	DATE	BY
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KOOLBE & POLES ENGINEERING
315 COMPTON AVE. S. W. VANCOUVER, B.C. V6P 4G6

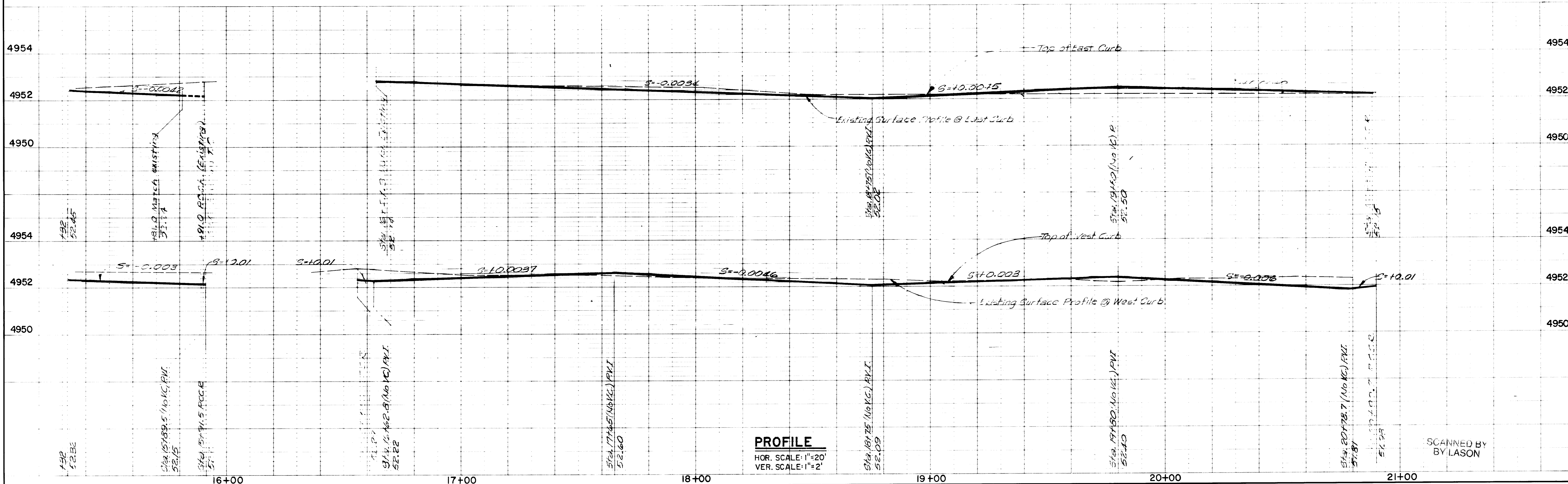
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SURVEYED				
PLOTTED				
NOTED				
NO.				



PLAN
SCALE: 1"=20'

10 005 2075 010302 57141

As Built 11/75



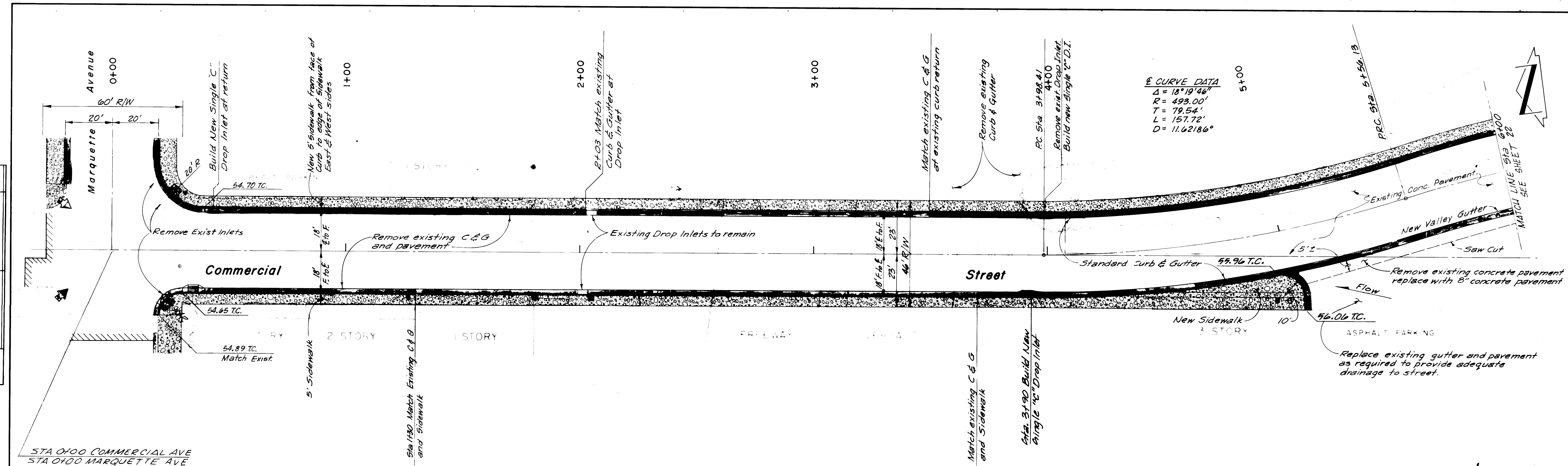
PROFILE
HOR. SCALE: 1"=20'
VER. SCALE: 1"=2'

SCANNED BY
BY LASON

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

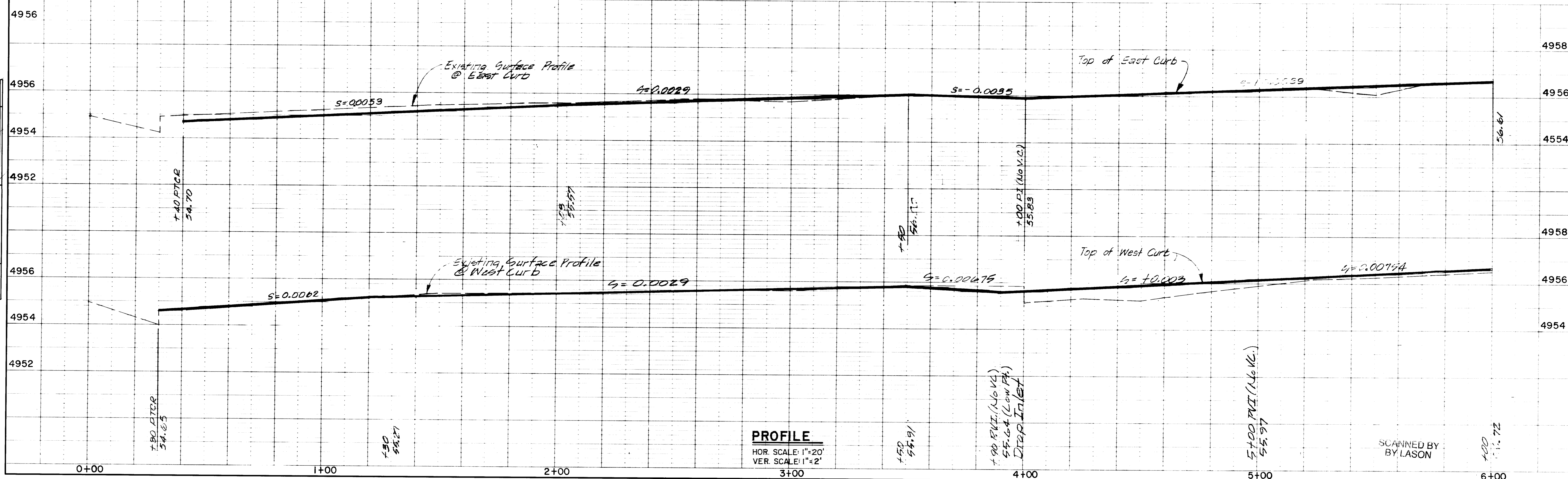
PROFILE	DATE	BY
SURVEYED		
PLOTTED		
NOTE BOOK		
STRUCTURE NOTATIONS CH. 40		
NO.		

MOORE & POLS ENGINEERING
315 COMMUNITY ARBOREUM NEW MEXICO



E CURVE DATA
 $\Delta = 18^{\circ}19'46''$
 $R = 493.00'$
 $T = 79.54'$
 $L = 157.72'$
 $D = 11.62186^{\circ}$

PLAN
SCALE: 1"=20'



PROFILE
 HOR. SCALE: 1"=20'
 VER. SCALE: 1"=2'

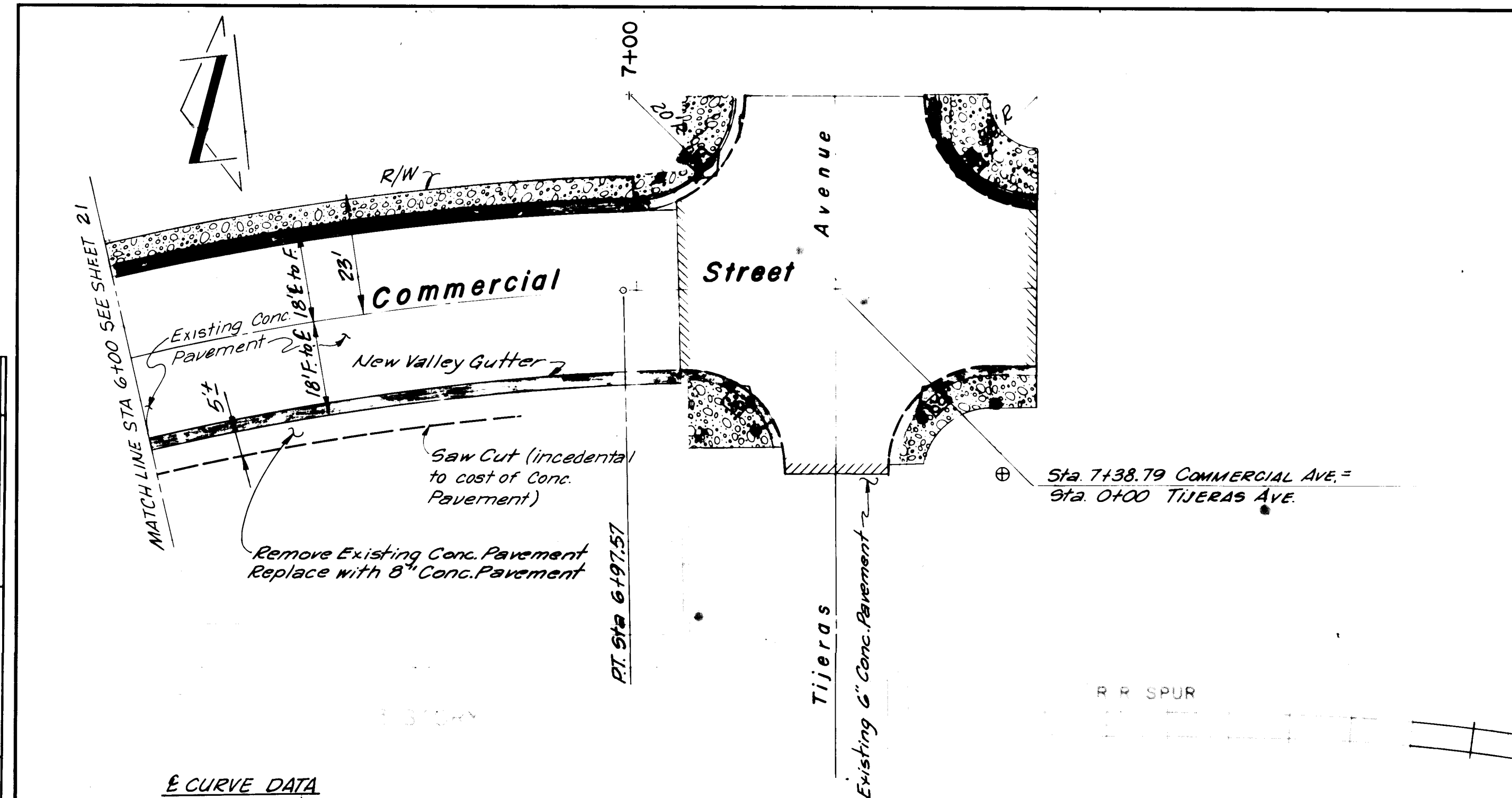
As Built 11/75

SCANNED BY
BY LASON

PLAN	DATE	BY
SURVEYED		
NOTED		
PLANNED		
DESIGNED		
CHECKED		
APPROVED		
NO.		

MOORE & POLES ENGINEERING
5115 CORPENT AND BURGESS NEW MEXICO

PROFILE	DATE	BY
SURVEYED		
NOTED		
PLANNED		
DESIGNED		
CHECKED		
APPROVED		
NO.		



E CURVE DATA
 $R = 493.00'$
 $\Delta = 16^\circ 26' 18''$
 $T = 71.21'$
 $L = 141.44'$
 $D = 11.62186^\circ$

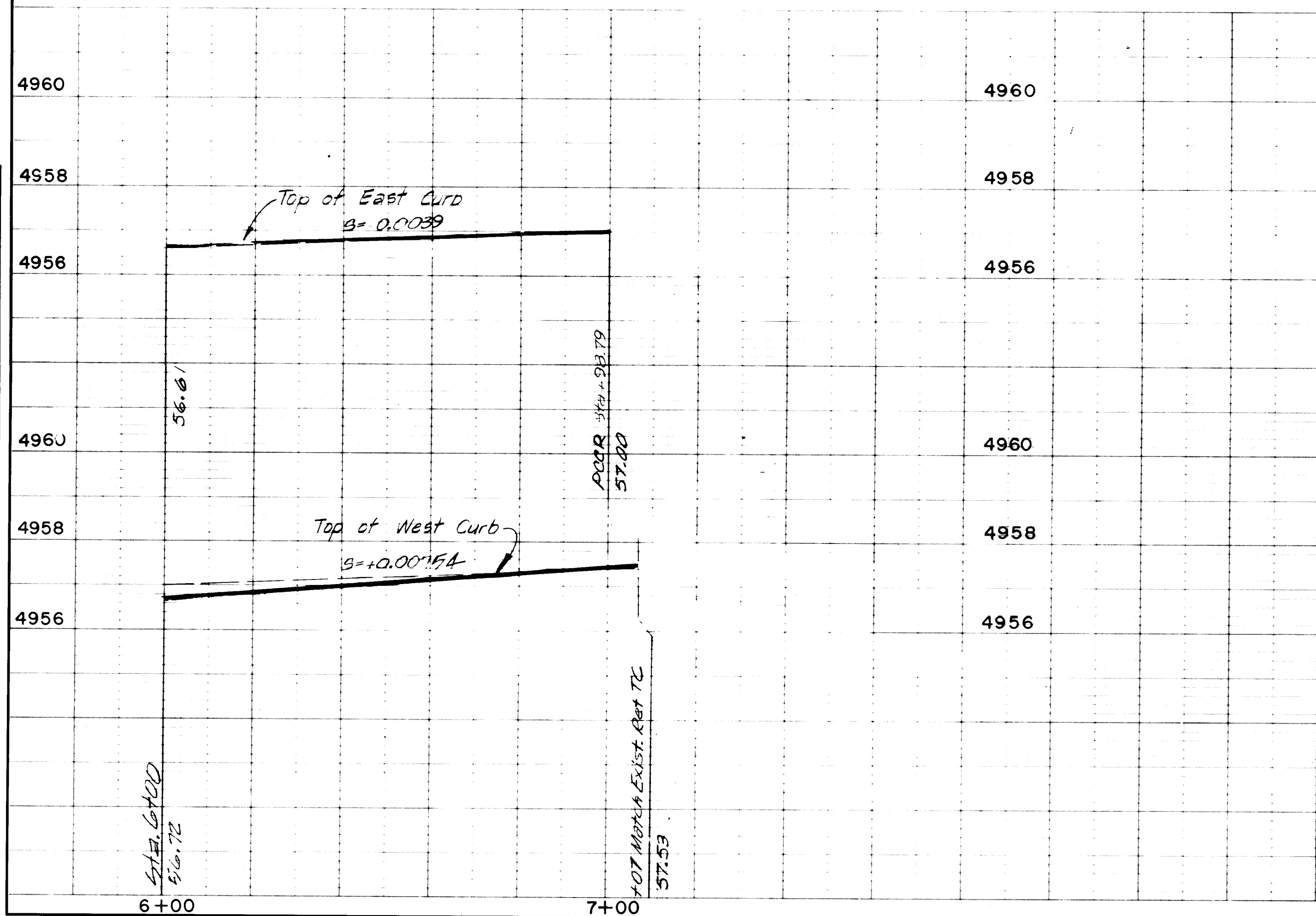
PLAN
SCALE: 1"=20'

10 005 2275

02

57141

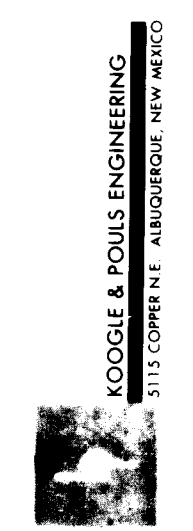
As Built 11/75



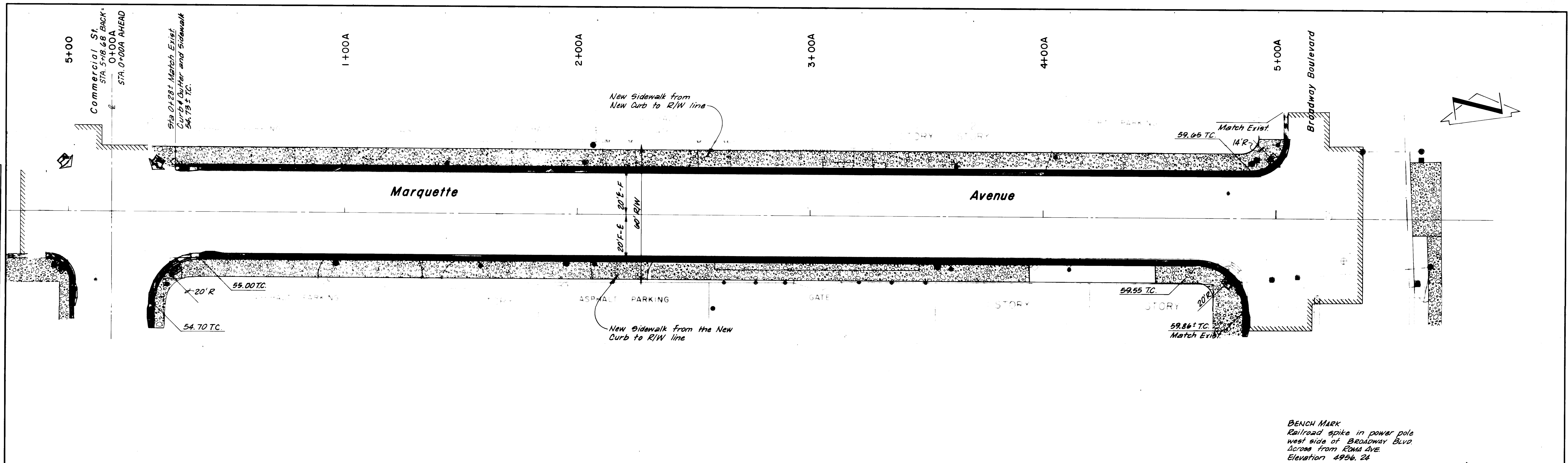
PROFILE
 HOR. SCALE: 1"=20'
 VER. SCALE: 1"=2'

SCANNED BY
BYLASON

PLAN	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.		

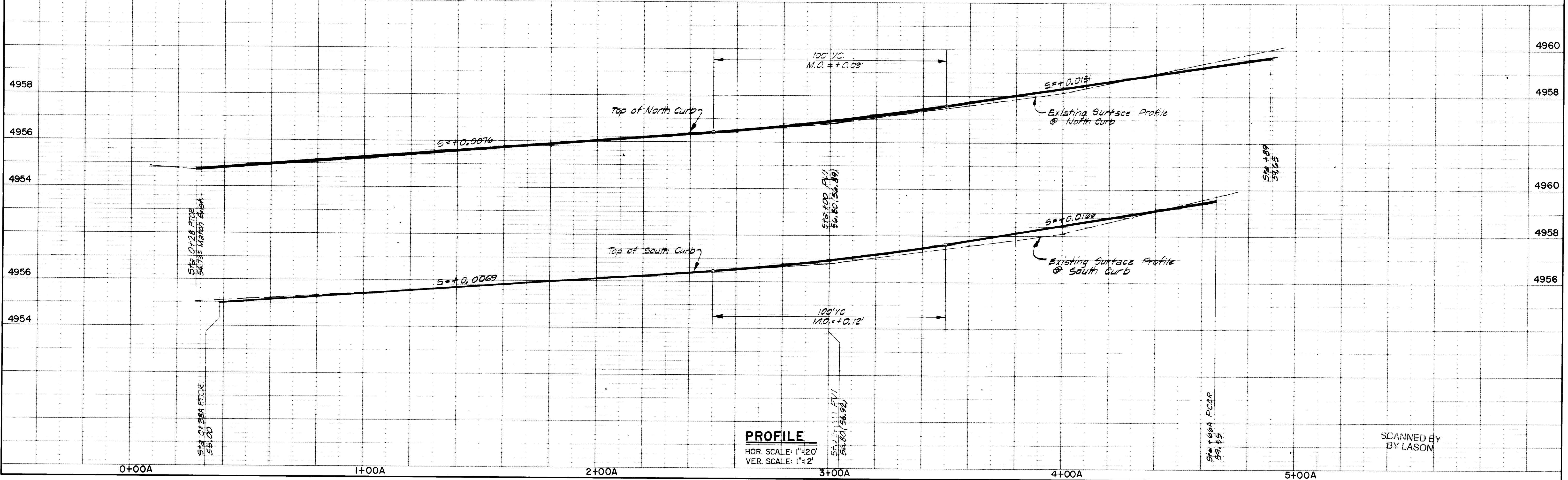


PROFILE	BY	DATE
SURVEYED		
NOTE BOOK		
NO.		



BENCH MARK
 Railroad spike in power pole
 west side of Broadway Blvd.
 Across from Edna Ave.
 Elevation 4956.24
As Built 11/75

PLAN
 SCALE: 1"=20'
 10 005 2375 02 57141



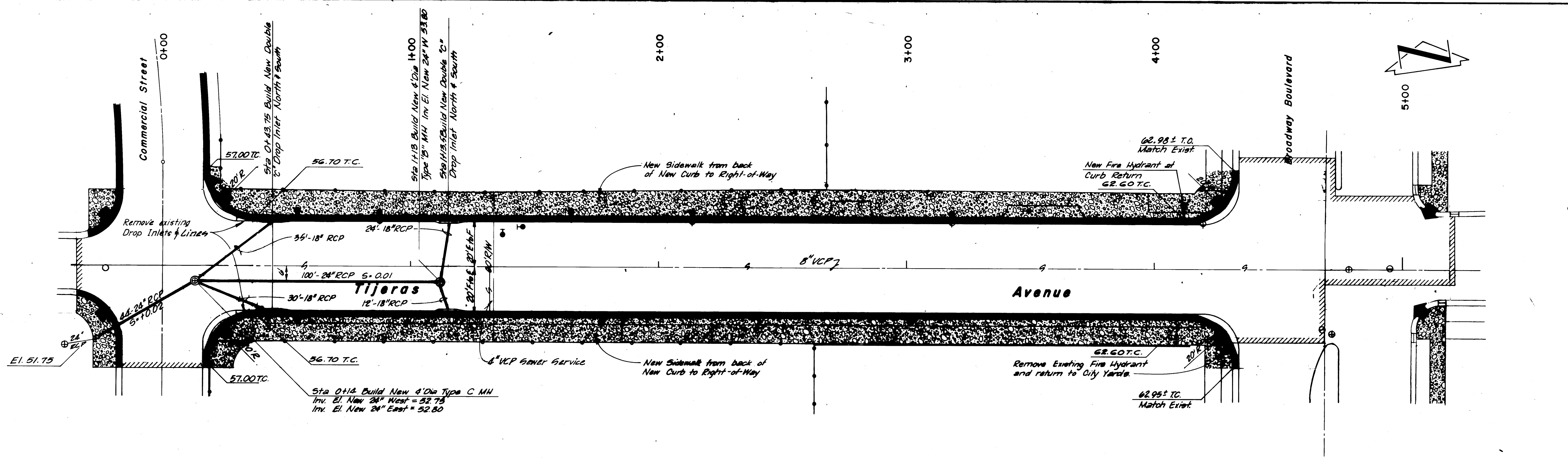
PROFILE
 HOR. SCALE: 1"=20'
 VER. SCALE: 1"=2'

SCANNED BY
 BY LASON

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		

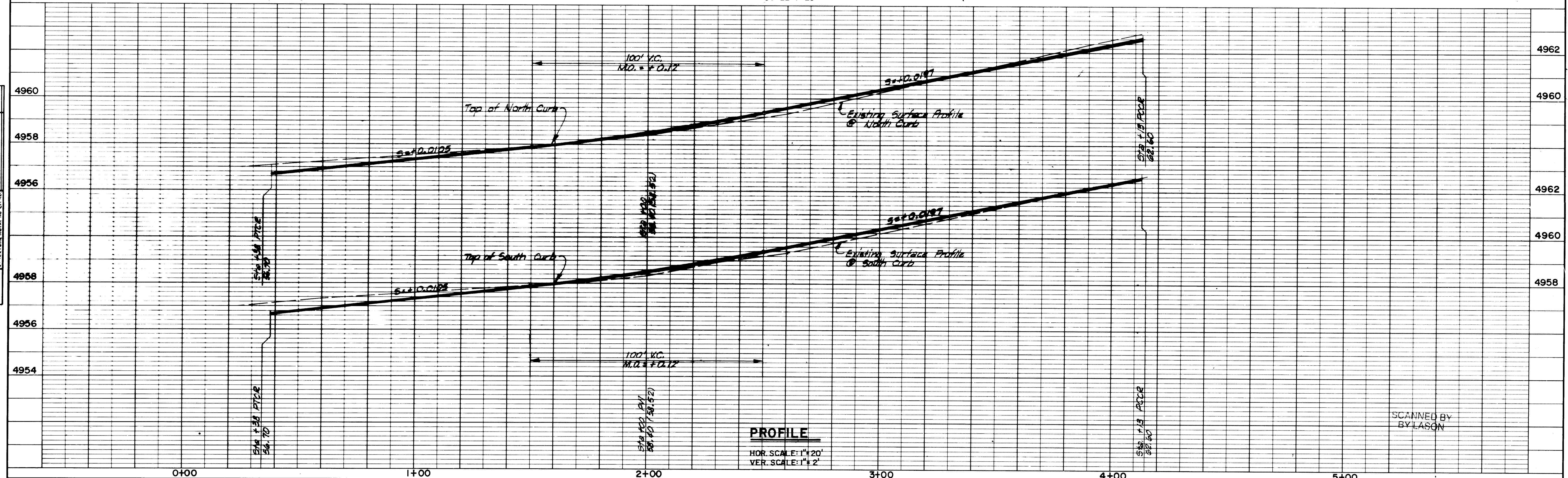


Bench Mark: Brass Cap at base of smoke stack at Old Water Plant at Commercial & Tijeras El. 4957.897

PLAN
SCALE: 1"=20'

10 005 2475 01 02 57141

As Built 11/75



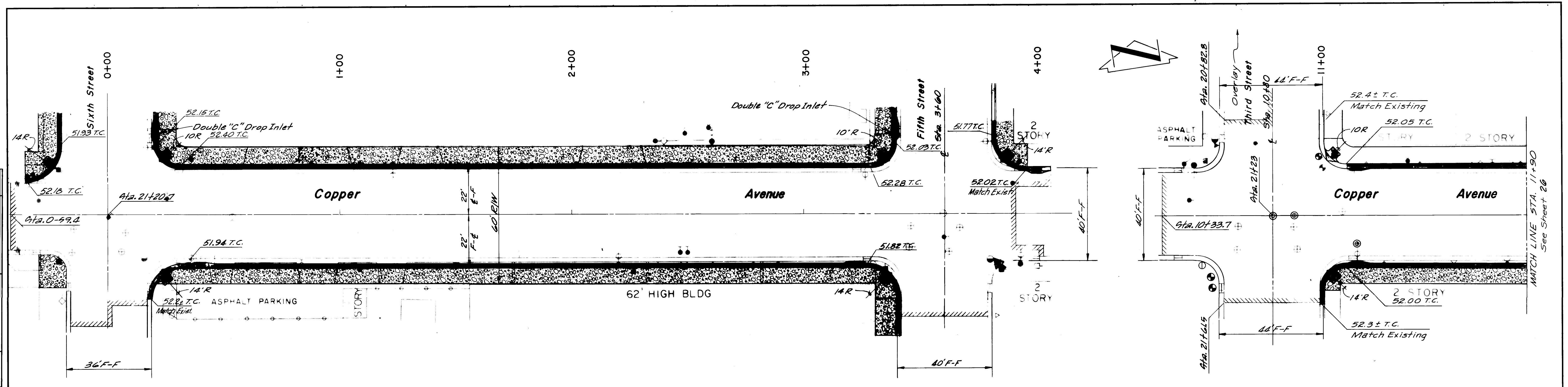
PROFILE
HOR. SCALE: 1"=20'
VER. SCALE: 1"=2'

SCANNED BY
BYLASON

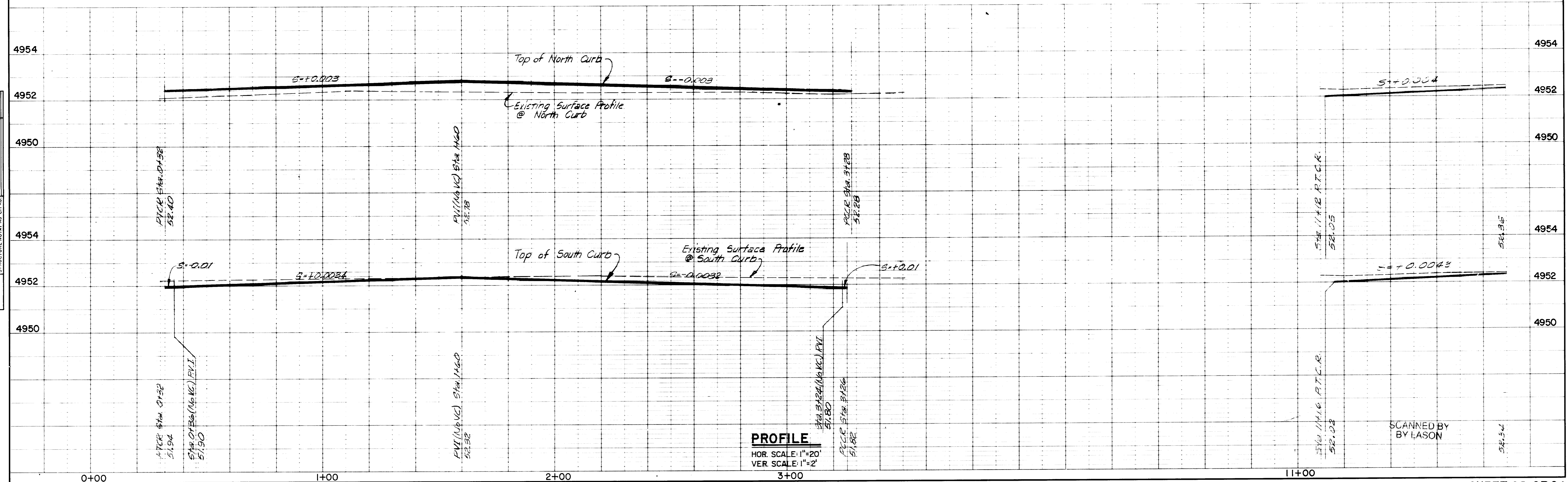
PLAN	DATE	BY
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.		

PROFILE	DATE	BY
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.		

KOOLE & POLLS ENGINEERING
3112 CORPENT AUSTRALIAN NEW MEXICO



10 005 2575 02 57141 Ag Built 11/75

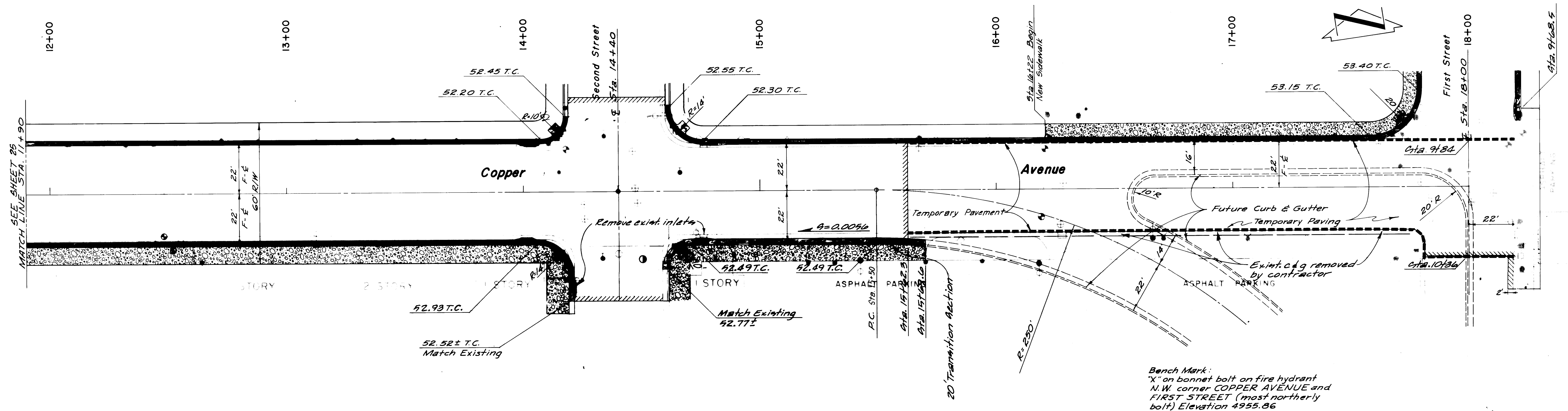


SCANNED BY
BY EASON

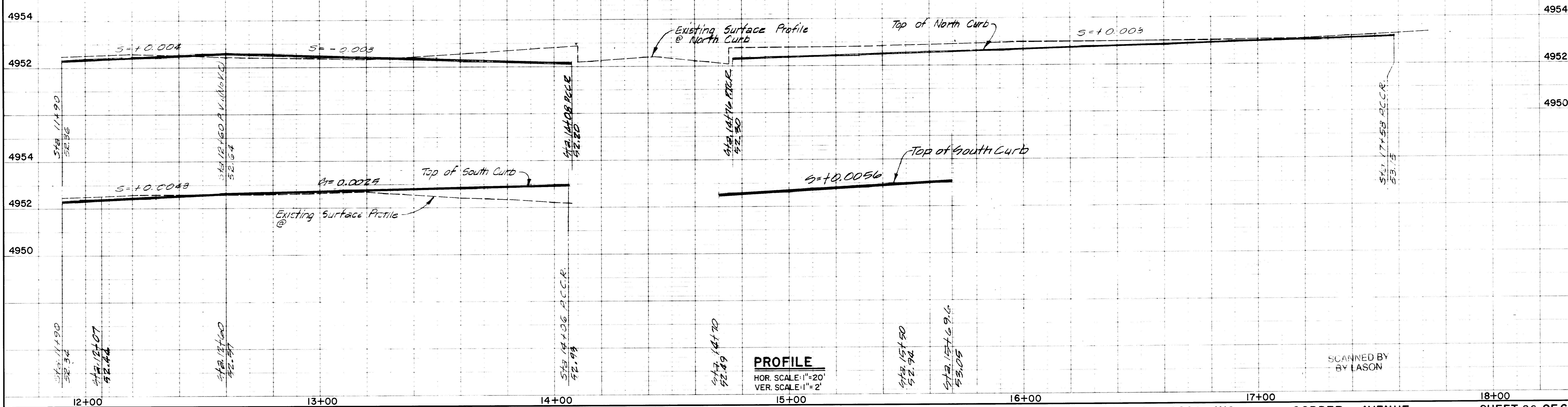
PLAN	DATE	BY
SURVEYED		
NOTE BOOK		
ALIGNED CHECKED		
RT. OF WAY CHECKED		
NO.		

PROFILE	DATE	BY
SURVEYED		
NOTE BOOK		
ALIGNED CHECKED		
STRUCTURE NOTATIONS CH. NO.		
NO.		

MOORE & POULS ENGINEERING
3111 CORP. AVENUE, NEW BRUNSWICK, NJ 08901



10 005 2675 02 57141 A₉ Built 11/75

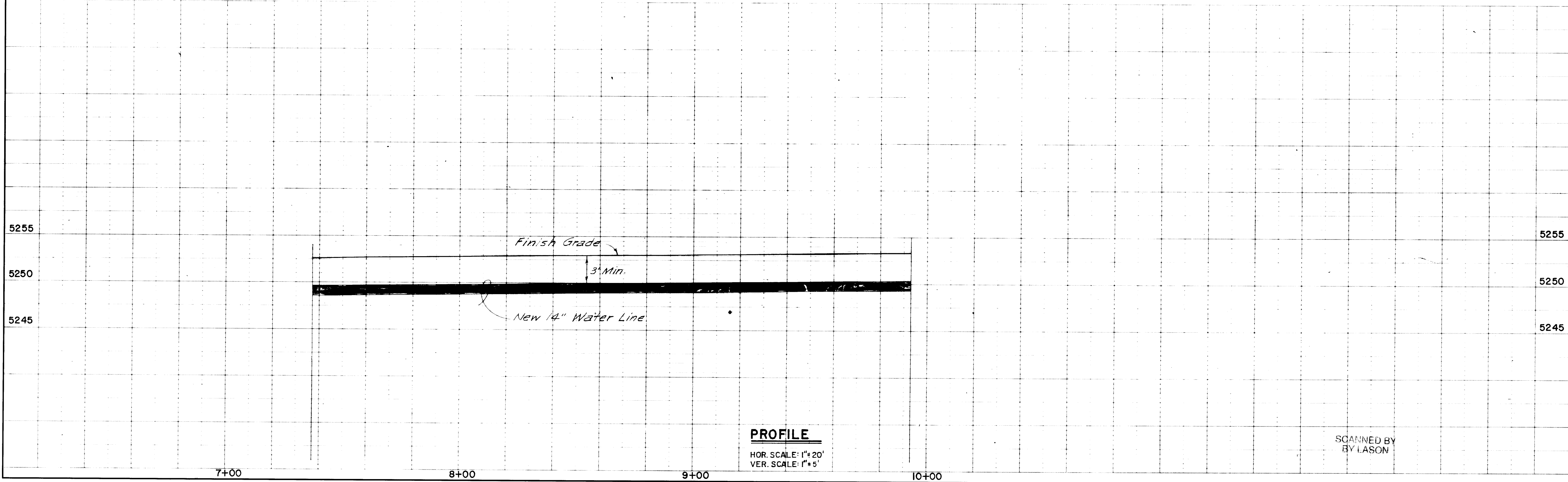
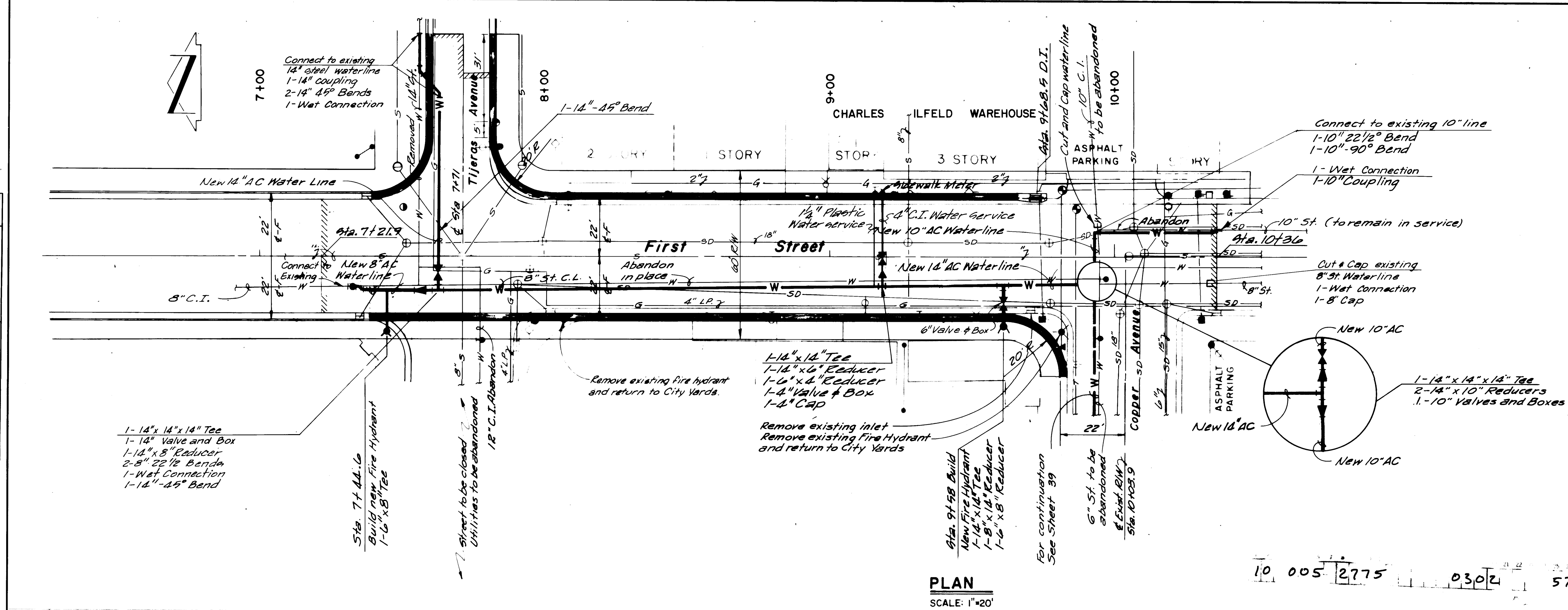


SCANNED BY
BY LASON

PLAN	DATE	BY
SURVED		
NOTE BOOK		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
NO.		

KOOGLE & POULS ENGINEERING
P.O. BOX 10000, NEWARK, N.J. 07102

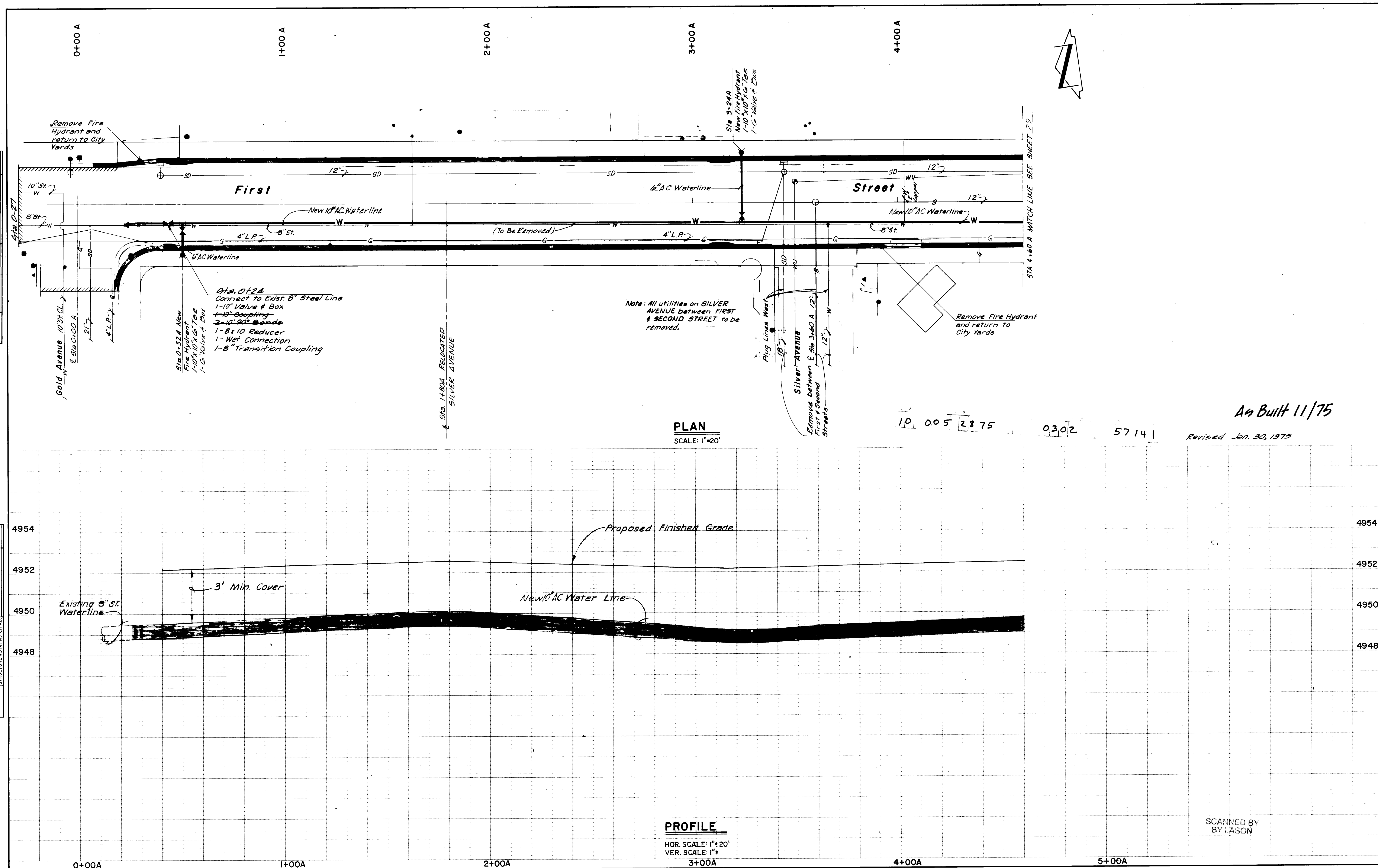
PROFILE	DATE	BY
SURVED		
NOTE BOOK		
GRADES CHECKED		
B. M. NOTED		
STRUCTURE NOTATIONS CH. 40		
NO.		



10 005 2775 0302 57141 *As Built 11/75*

SCANNED BY
BY LASON

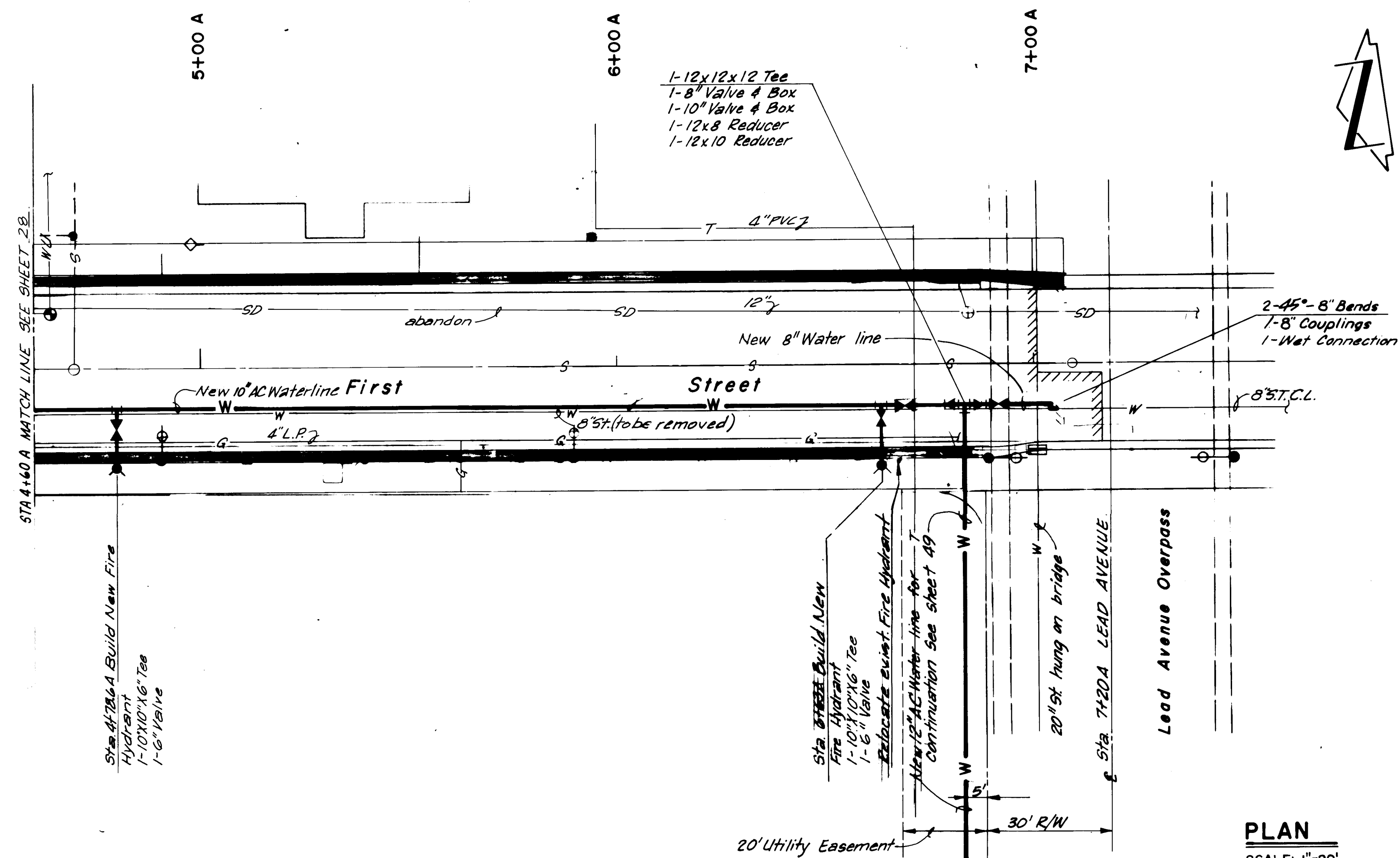
PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
	GRADES CHECKED _____		
	B. M'S NOTED _____		
	STRUCTURE NOTATIONS ON PLAN _____		
NO. _____			



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

KOOGLE & POOLS ENGINEERING
3111 COPPIN AVENUE, NEW PALTZ, NY 12561

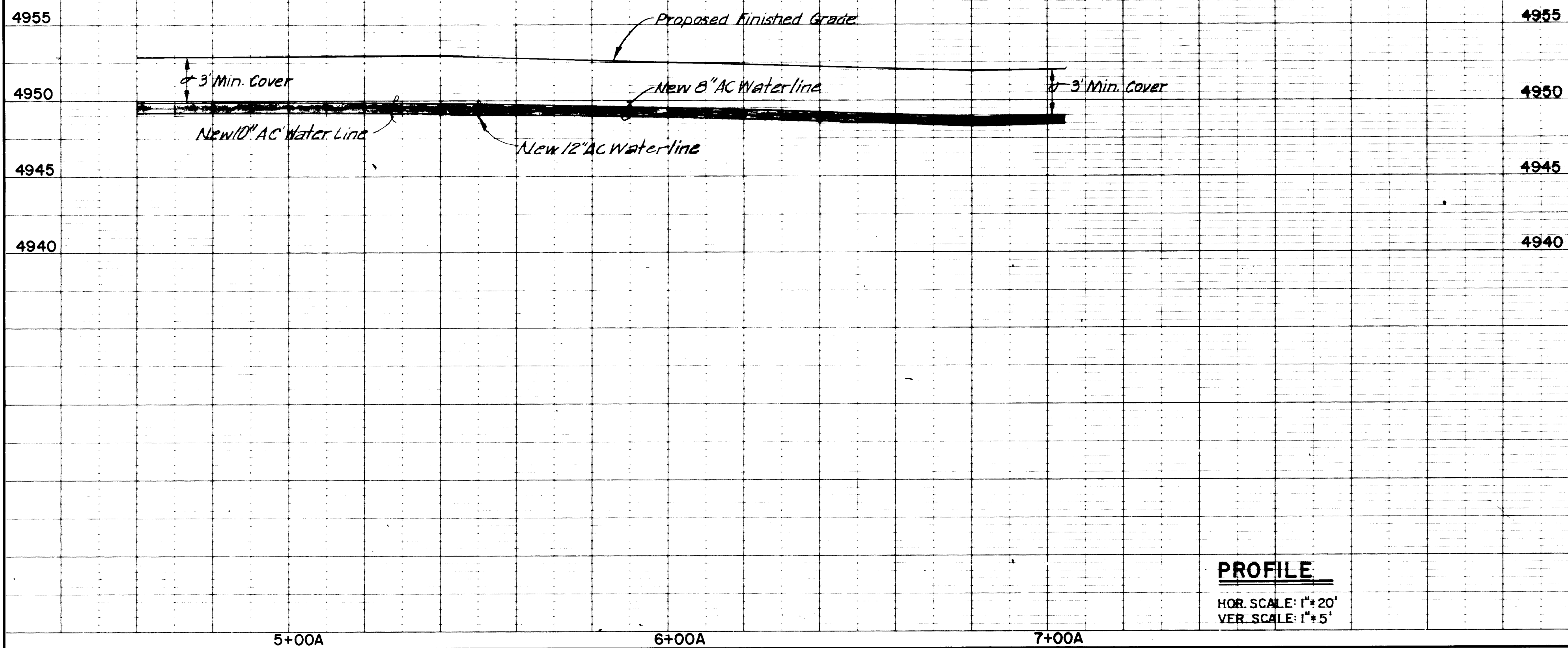
PROFILE	DATE	BY
SURVEYED		
NOTE BOOK		
STRUCTURE NOTATIONS CH. 40		
NO.		



PLAN
SCALE: 1"=20'

10 005 2975 0302 57141

As Built 11/75
Revised Jan. 30, 1975



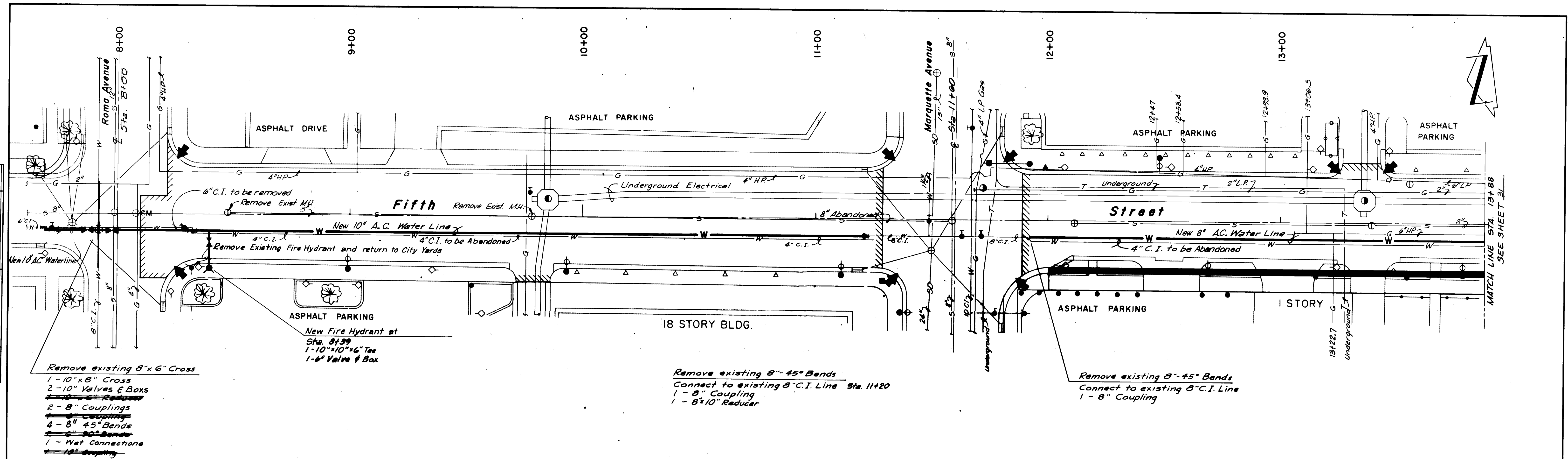
PROFILE
HOR. SCALE: 1"=20'
VER. SCALE: 1"=5'

SCANNED BY:
BY LASON

PLAN	SURVEYED	BY	DATE
	PLOTTED NOTE BOOK ALIGNMENT CHECKED RT. OF WAY CHECKED NO. _____		

KOOGLE & POULS ENGINEERING
5115 COPPER N.E. ALBUQUERQUE, NEW MEXICO

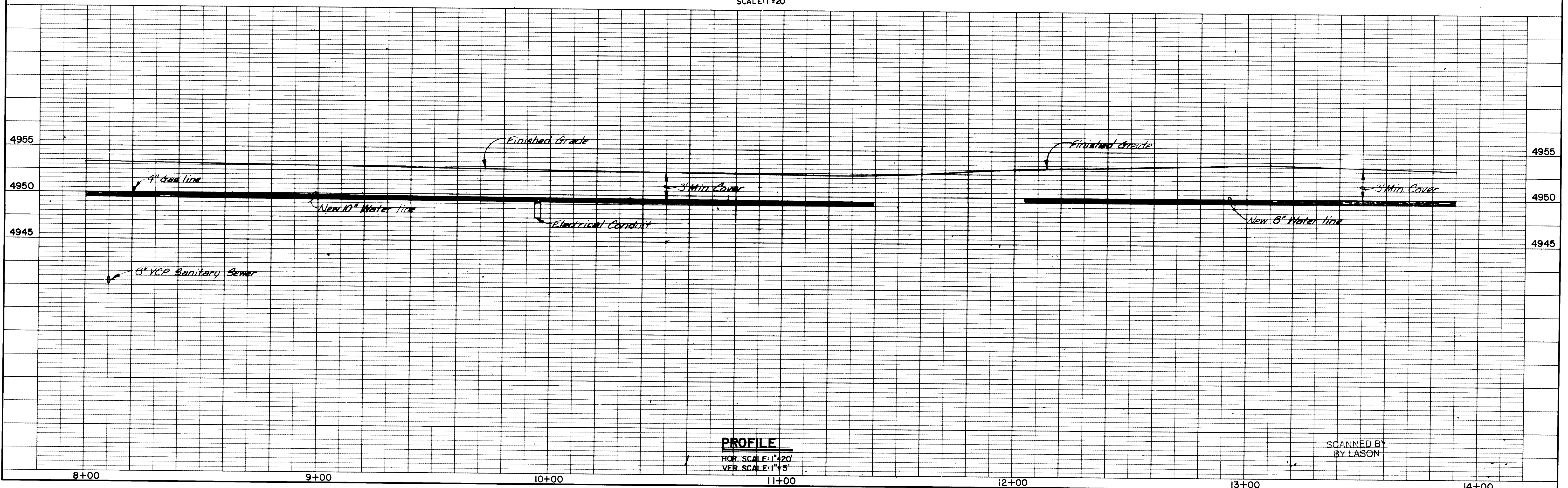
PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	GRADES CHECKED		
	B. M'S NOTED		
NO. _____	STRUCTURE NOTATION'S CH KD.		



PLAN
SCALE: 1"=20'

10 005 3075 0302 58142

As Built LL/75



PROFILE

HOR. SCALE: 1" = 20'

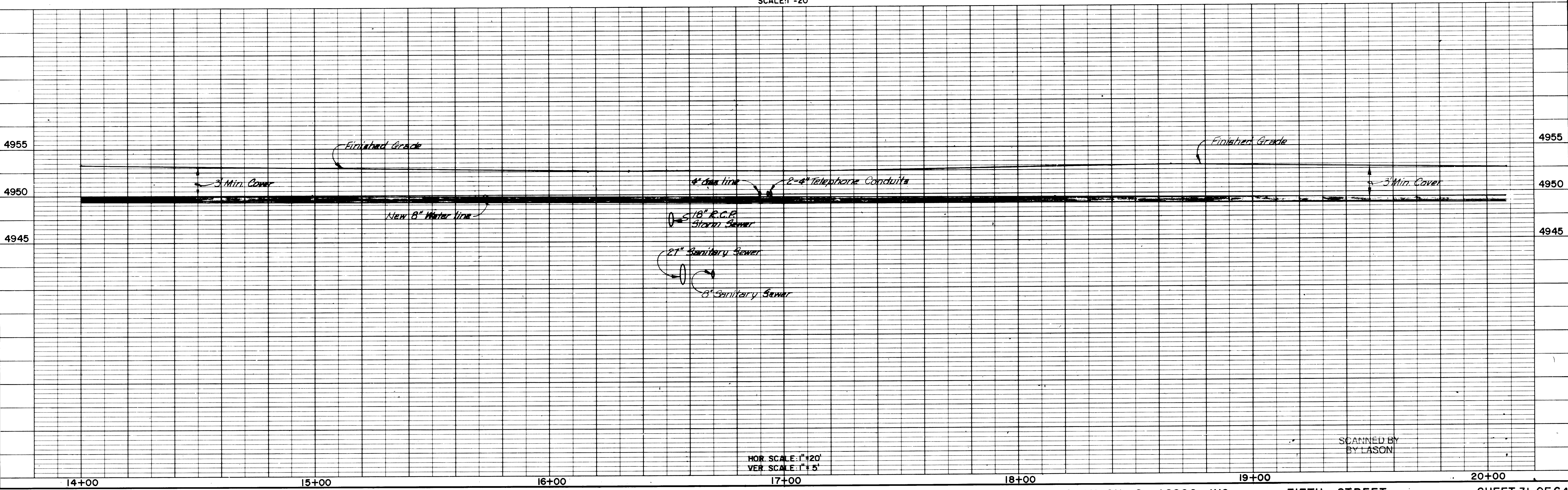
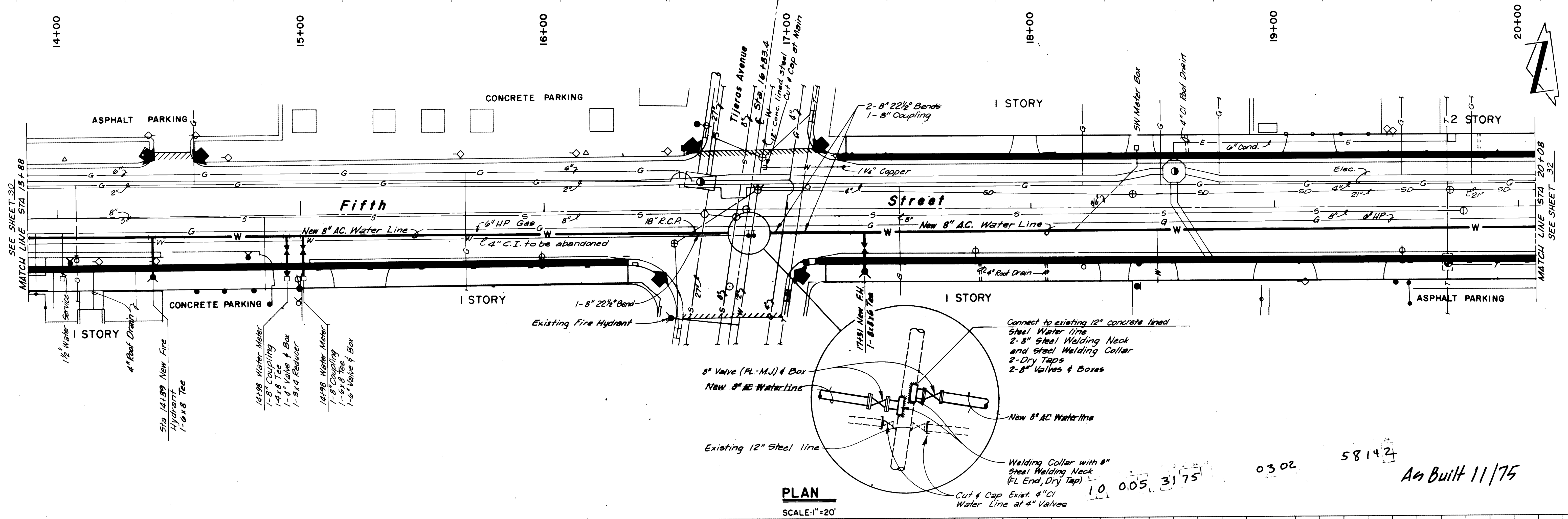
VER. SCALE: 1" = 5'

SCANNED BY
BY LASON

PLAN	DATE
BY	
CHECKED	
NOTED	
NO.	

PROFILE	DATE
BY	
CHECKED	
NOTED	
NO.	

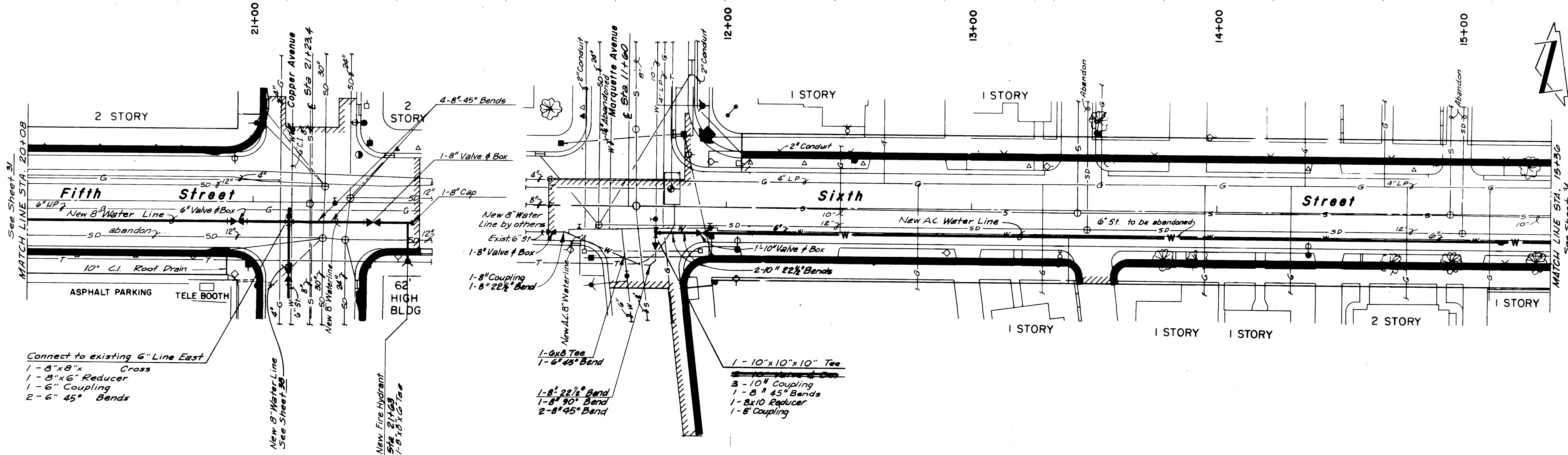
COOGLIE & POLS ENGINEERING
1115 COPPER AVE. ALBUQUERQUE, NEW MEXICO



PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNMENT CHECKED	
	RT. OF WAY CHECKED	

GOOGLE & POLLS ENGINEERING
3115 CORP. ST. ALBUQUERQUE, NEW MEXICO

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	STRUCTURE NOTED	CH. 10.



PLAN

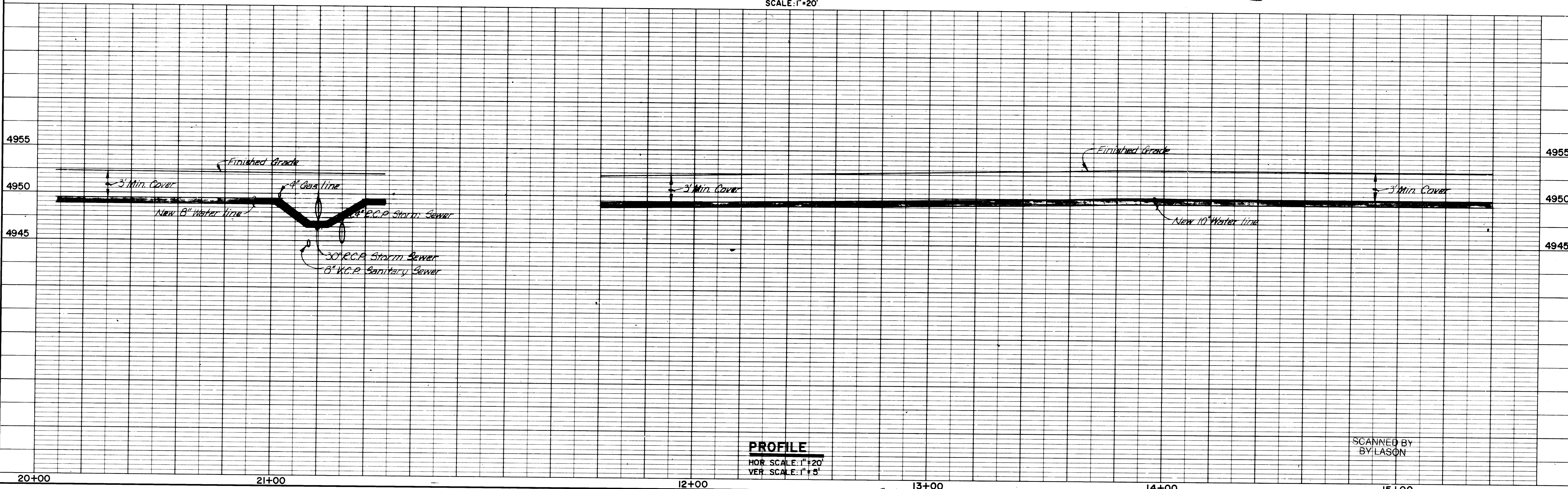
SCALE: 1"=20'

10,005 3275

0302

58142

As Built 11/75



PROFILE

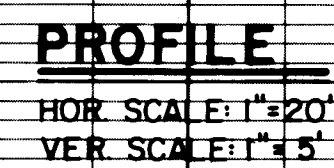
HOR. SCALE: 1"=20'
VER. SCALE: 1"=5'

SCANNED BY
BY LASON

PROFILE		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	GRADES CHECKED		
	B. M.'S NOTED		
NO.	STRUCTURE NOTATIONS CH NO.		



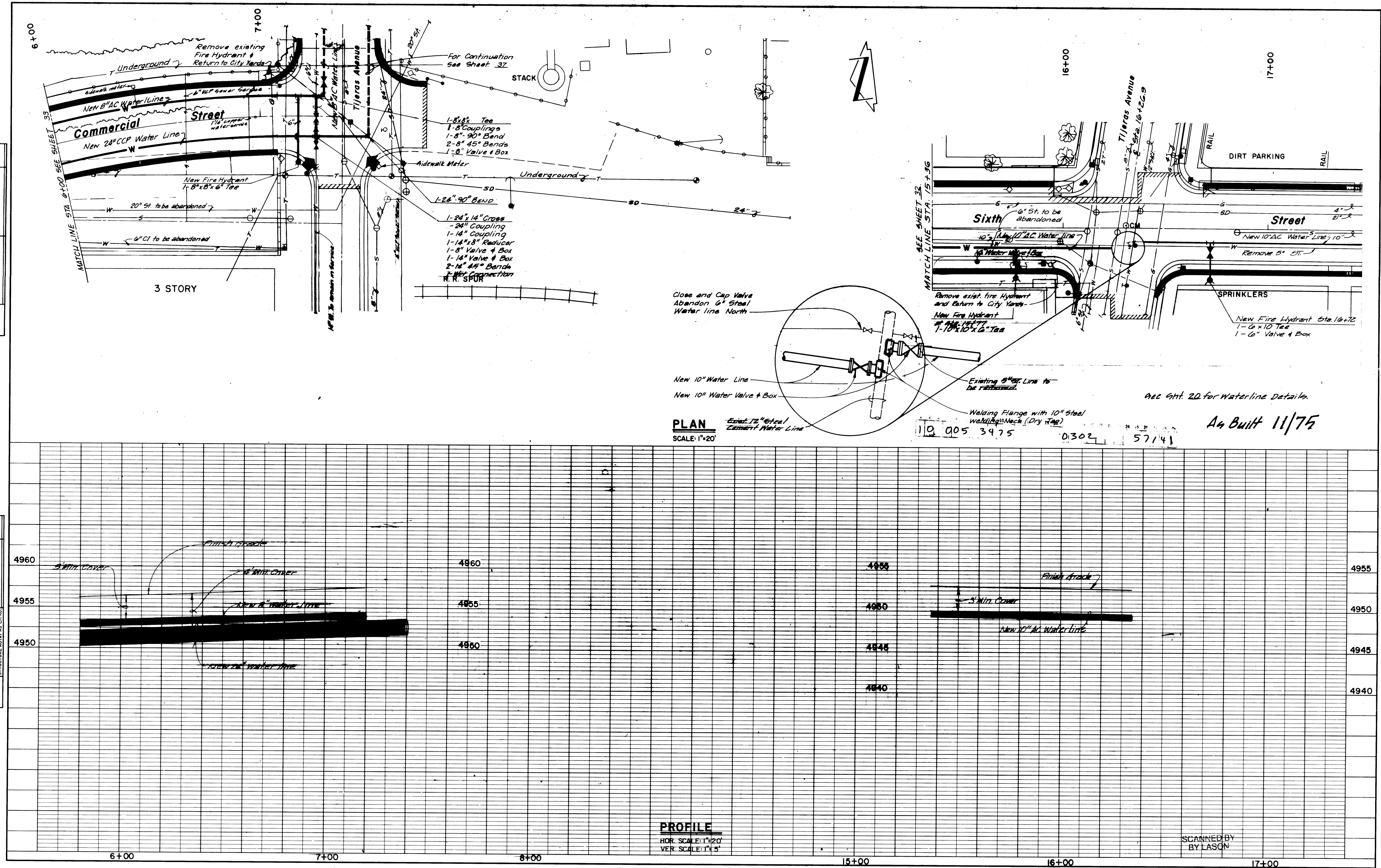
As Built 11/75



SCANNED BY
BY LASON

PLAN	SURVEYED _____		BY _____	DATE _____
	PLOTTED _____			
	NOTE BOOK _____			
	ALIGNMENT CHECKED _____			
NO. _____	RT. OF WAY CHECKED _____			

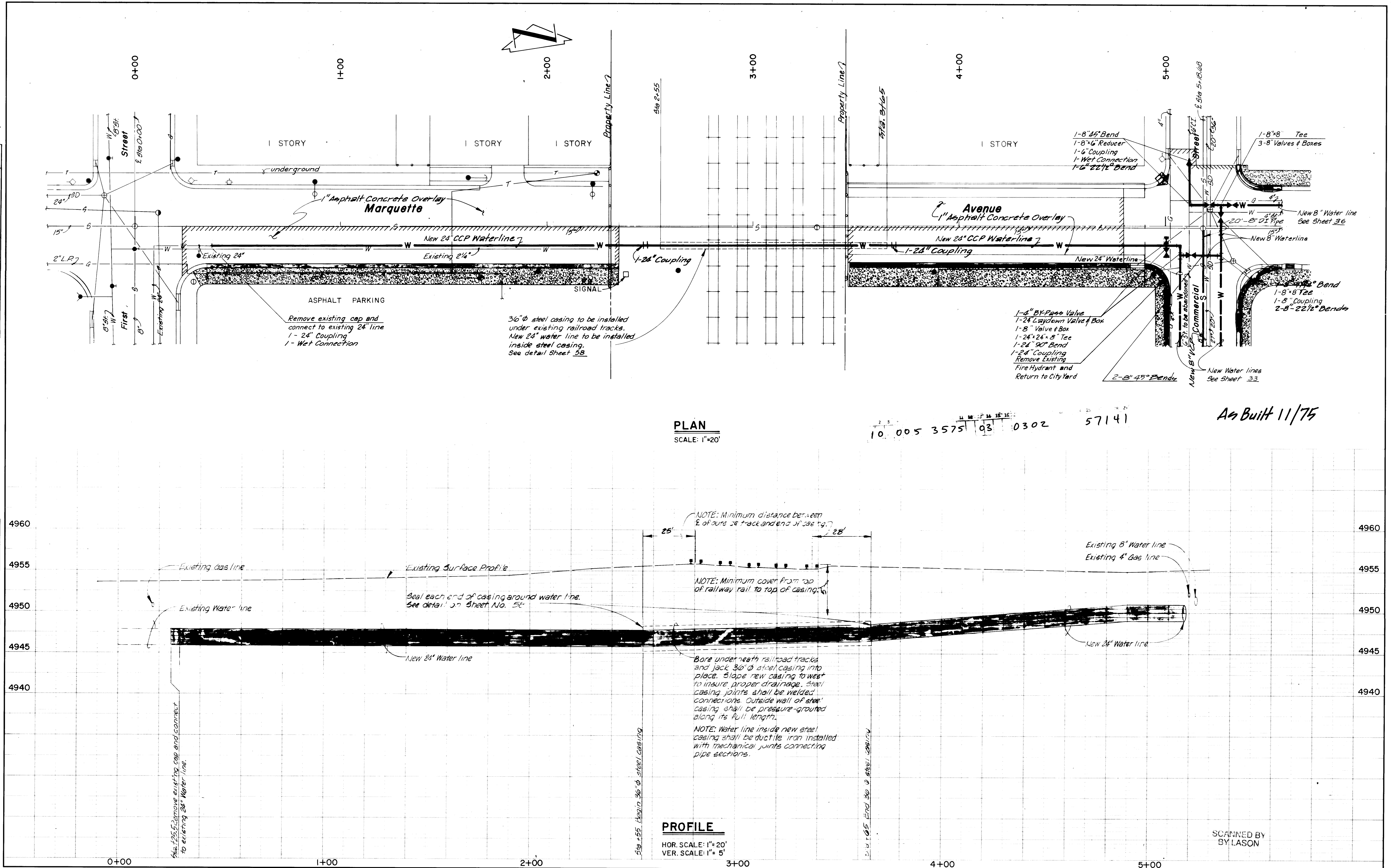
PROFILE		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	GRADES CHECKED		
NO.	B. M.'S NOTED		
	STRUCTURE NOTAT'NS CH NO.		



PLAN	DATE
SURVEYED	
NOTED	
NOTE BOOK	
NO.	

KOOGLE & POLS ENGINEERING
3115 CONVENT AVENUE, NEWARK, N.J. 07102

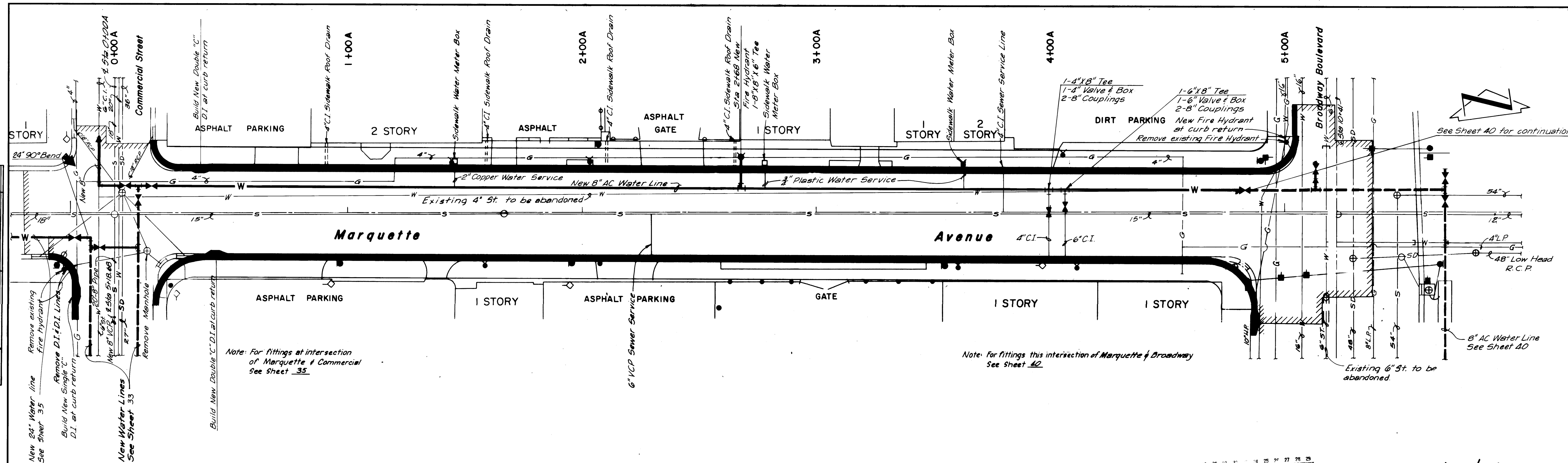
PROFILE	DATE
SURVEYED	
NOTED	
NOTE BOOK	
NO.	



PLAN	DATE	BY
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.		

KOOGUE & POLS ENGINEERING
3115 COMPTON AVE. ANN ARBOR, MI 48106

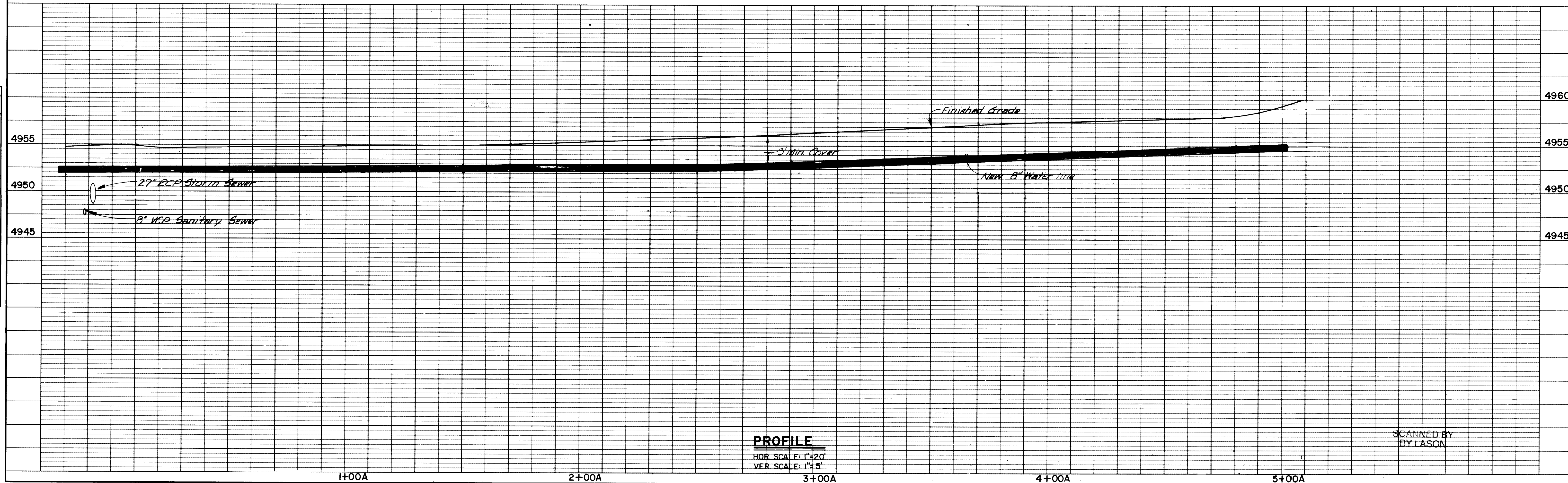
PROFILE	DATE	BY
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.		



PLAN
SCALE: 1"=20'

110 005 3675 0302 57141

As Built 11/75



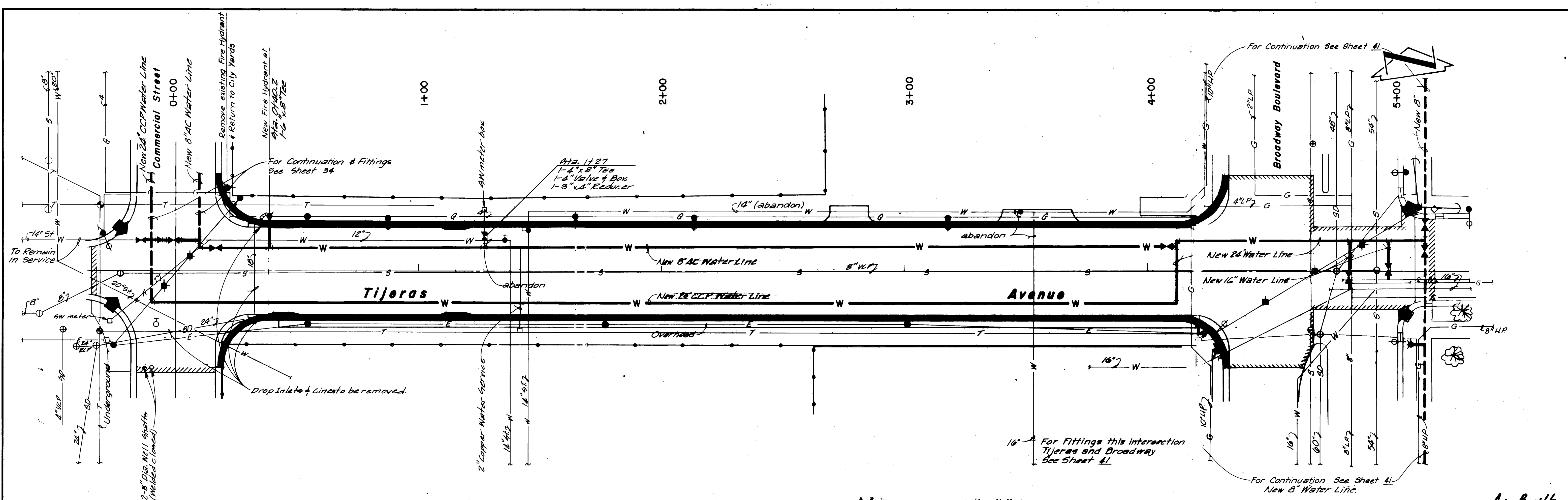
PROFILE
HOR. SCALE: 1"=20'
VER. SCALE: 1"=5'

SCANNED BY
BY LASON

PLAN	DATE	BY
SURVISED	PLOTTED	CHECKED

PROFILE	DATE	BY
SURVISED	PLOTTED	CHECKED

PROFILE	DATE	BY
SURVISED	PLOTTED	CHECKED



PLAN
SCALE: 1"=20'

10 005 3775 03 57141

See Sheet 41 for 4" Built Details on Waterline
A4 Built 11/75



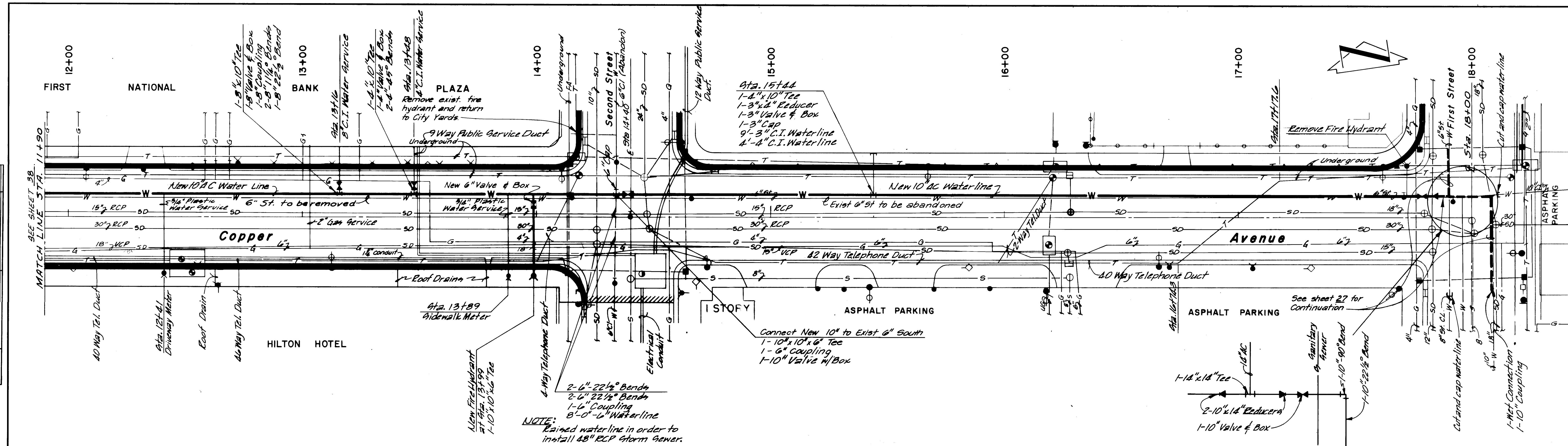
PROFILE
HOR. SCALE: 1"=20'
VER. SCALE: 1"=5'

SCANNED BY
BY LASON

PLAN	BY		DATE
SURVEYED			
PLOTTED			
NOTE BOOK			
ALIGNMENT CHECKED			
RT. OF WAY CHECKED			
NO. _____			

KOOGLE & POULS ENGINEERING
5115 COPPER N.E. ALBUQUERQUE, NEW MEXICO

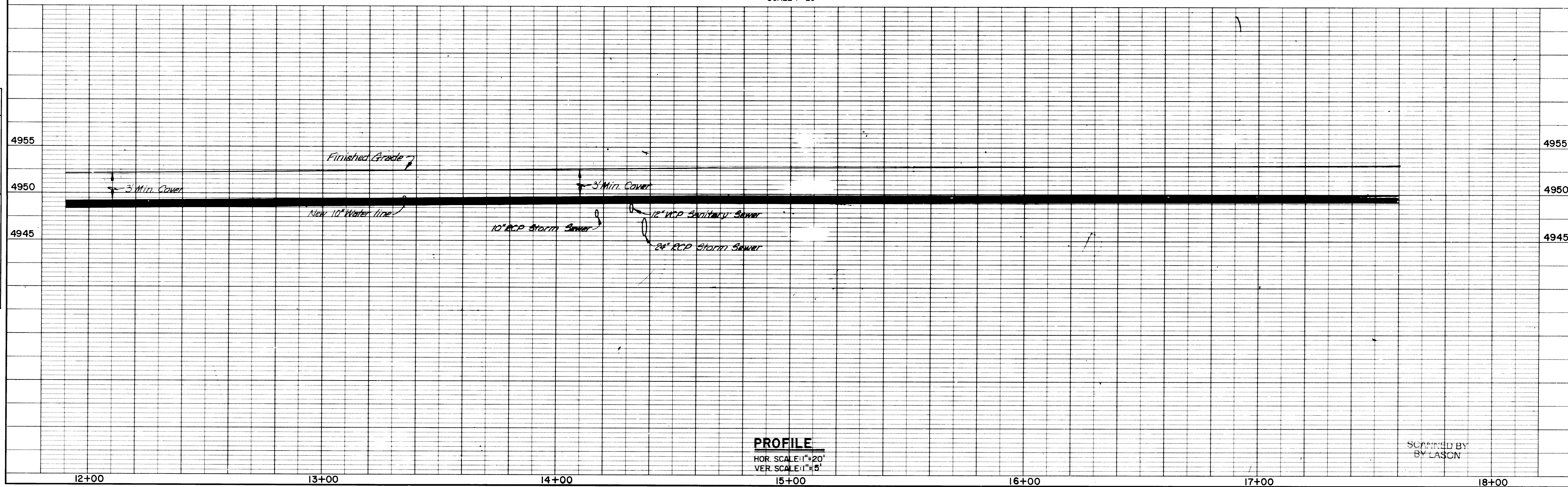
PROFILE		BY	DATE
SURVEYED			
PLOTTED			
GRADES CHECKED			
B. M.'S NOTED			
STRUCTURE NOTATIONS CH NO.			



PLAN
SCALE: 1"=20'

[illegible]

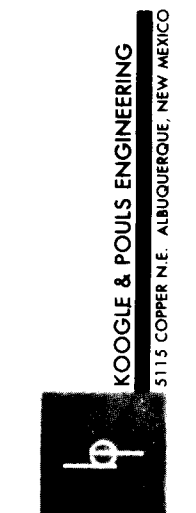
As Built 11/75



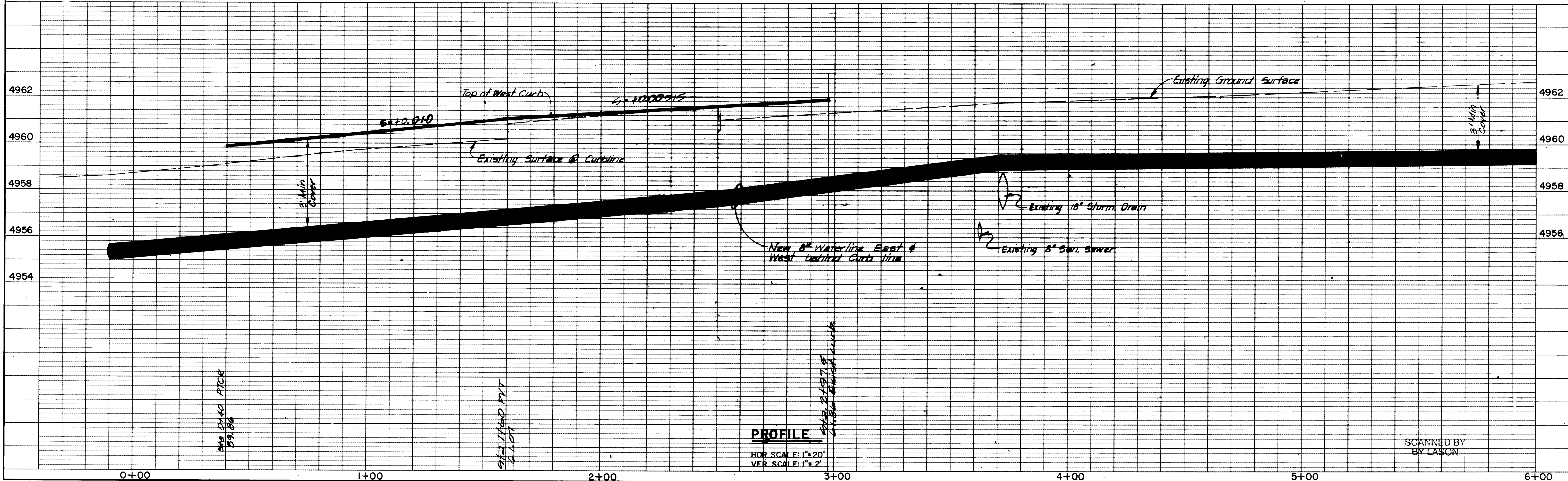
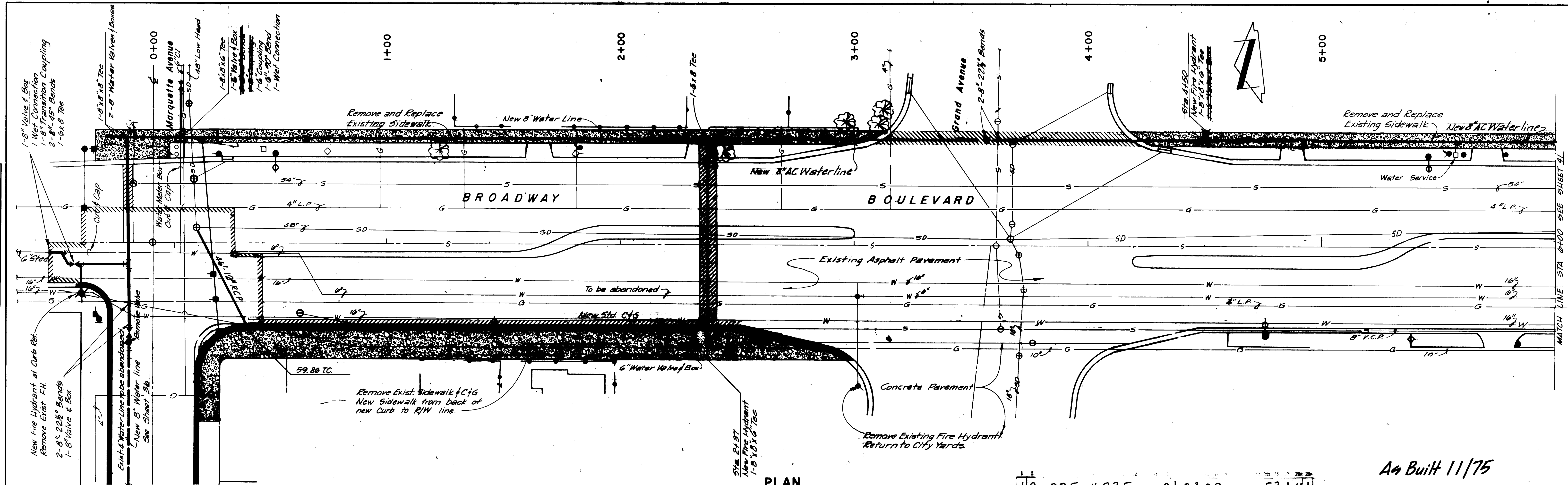
PROFILE
HOR. SCALE: 1"=20'
VER. SCALE: 1"=5'

SCANNED BY
BY LASON

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



PROFILE	DATE
SURVEYED	BY
NOTE BOOK	GRADES CHECKED
NO.	STRUCTURE NOTATIONS CH. 40

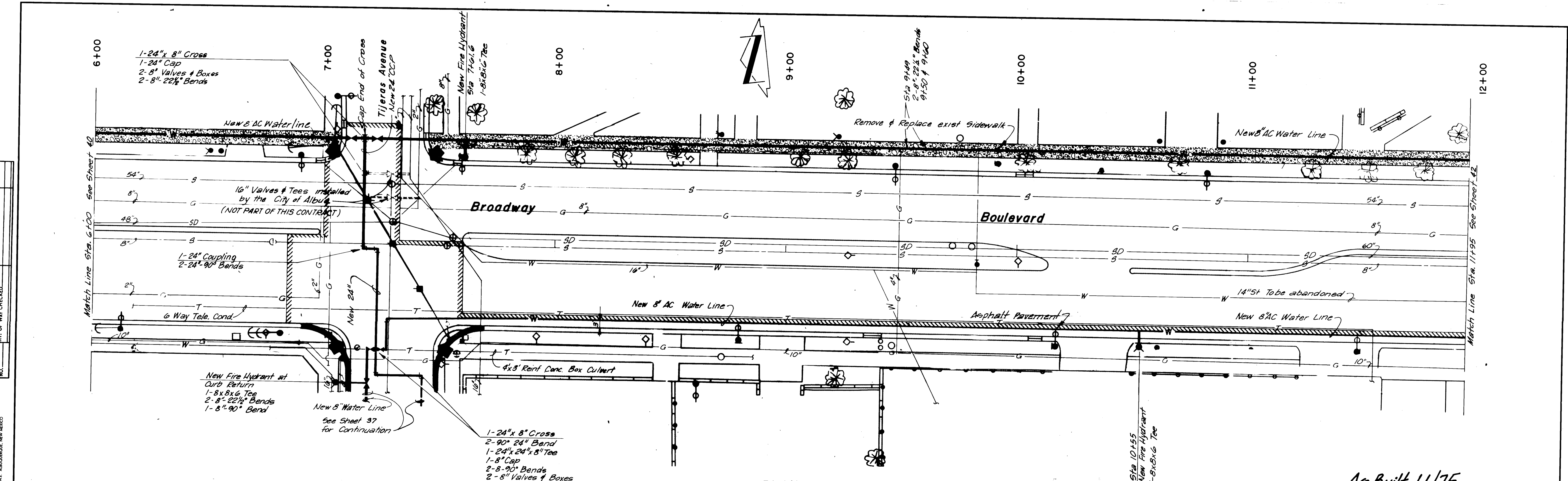


PLAN	DATE	BY
SURVED		
PLOTTED		
NOTE BOOK		
NO.		

SURVED
 PLOTTED
 NOTE BOOK
 NO.

PROFILE	DATE	BY
SURVED		
PLOTTED		
NOTE BOOK		
NO.		

SURVED
 PLOTTED
 NOTE BOOK
 NO.



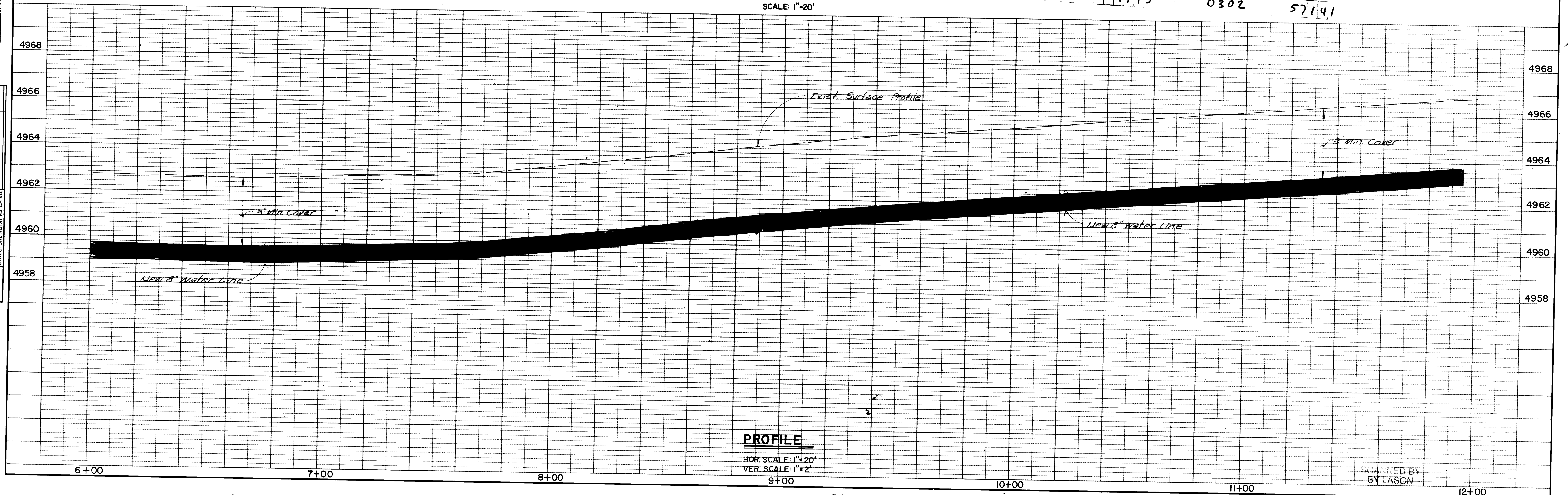
PLAN
 SCALE: 1"=20'

10 005 4175

0302

57141

As Built 11/75



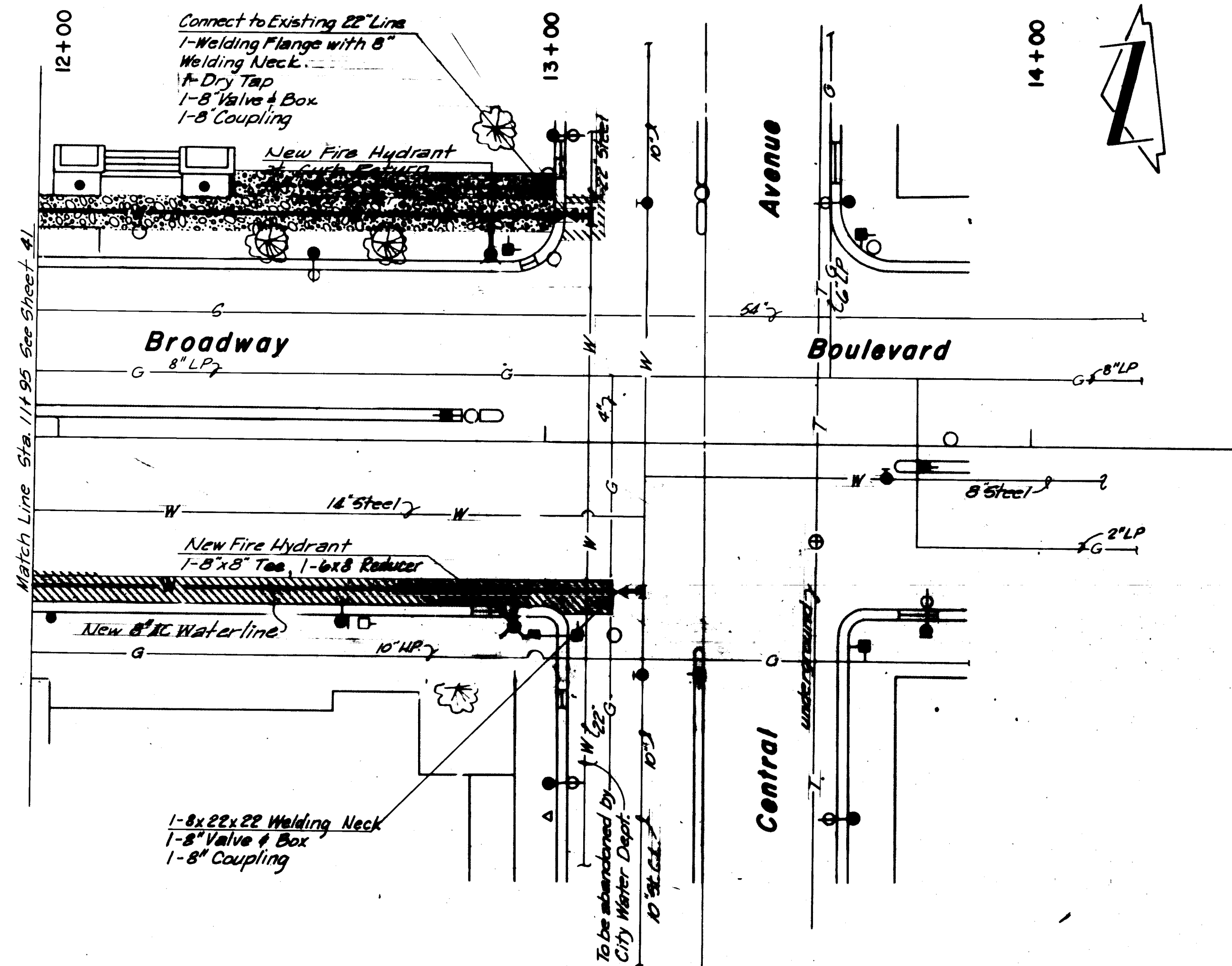
PROFILE
 HOR. SCALE: 1"=20'
 VER. SCALE: 1"=2'

SCANNED BY
 BY LASON

PLAN	SURVISED	DATE
	BY	
NOTE BOOK	PLOTTED	
	NO. OF WAY CHECKED	
NO.		

LOGGIE & POOLS ENGINEERING
3115 CORP. N.E. JAMES H. ROBERTSON, NEW YORK

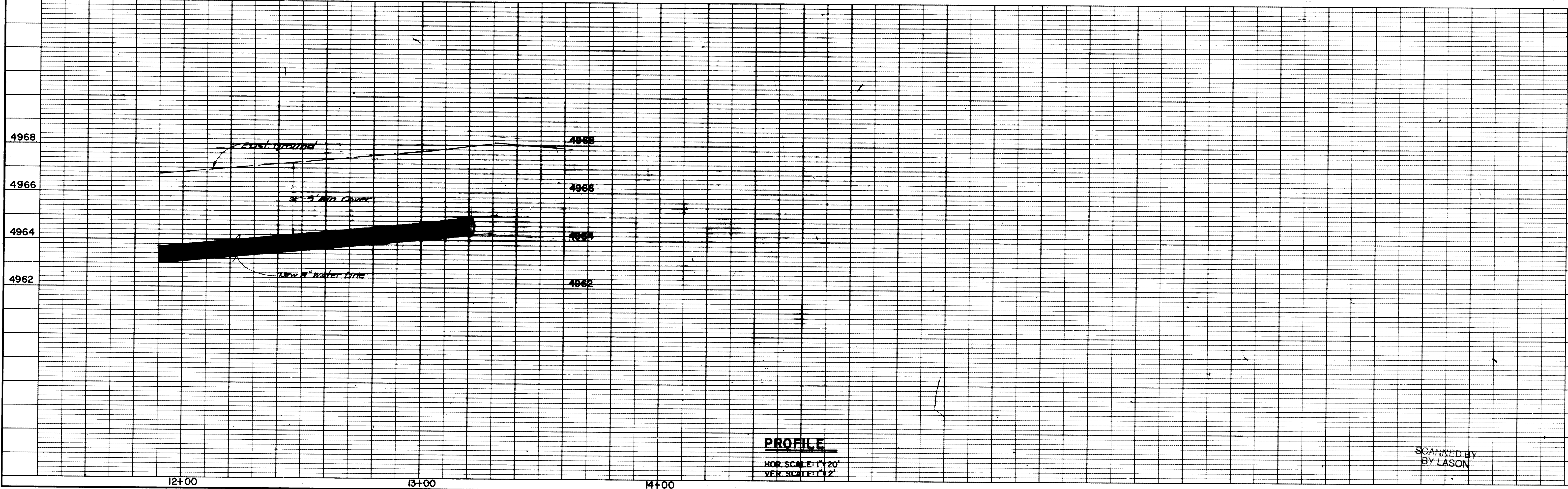
PROFILE	SURVISED	DATE
	BY	
NOTE BOOK	PLOTTED	
	NO. OF WAY CHECKED	
NO.		



PLAN
SCALE: 1"=20'

10 005 4275 0302 57141

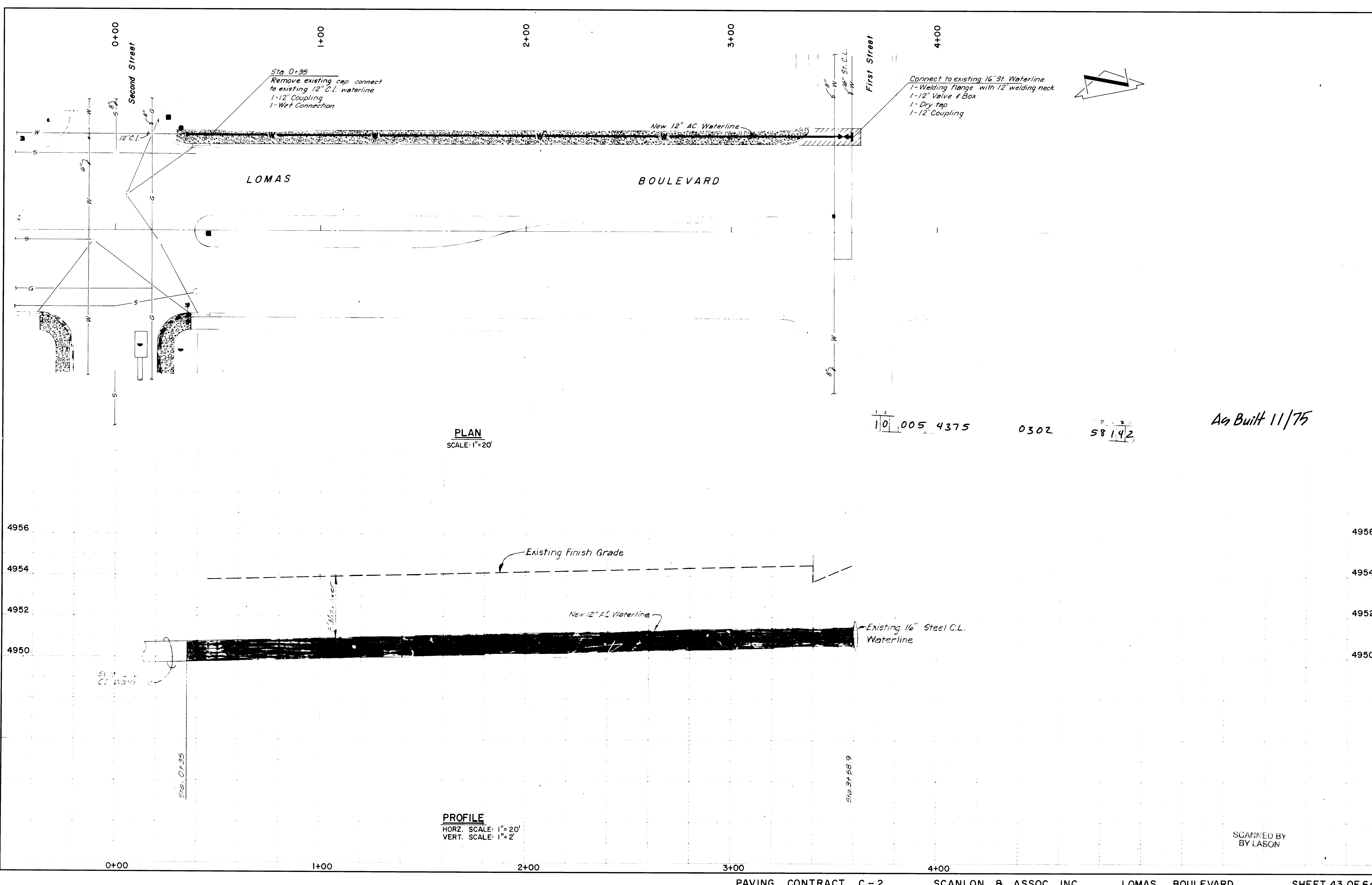
As Built 11/75



PROFILE
HOR SCALE: 1"=20'
VER SCALE: 1"=2'

SCANNED BY
BY LASON

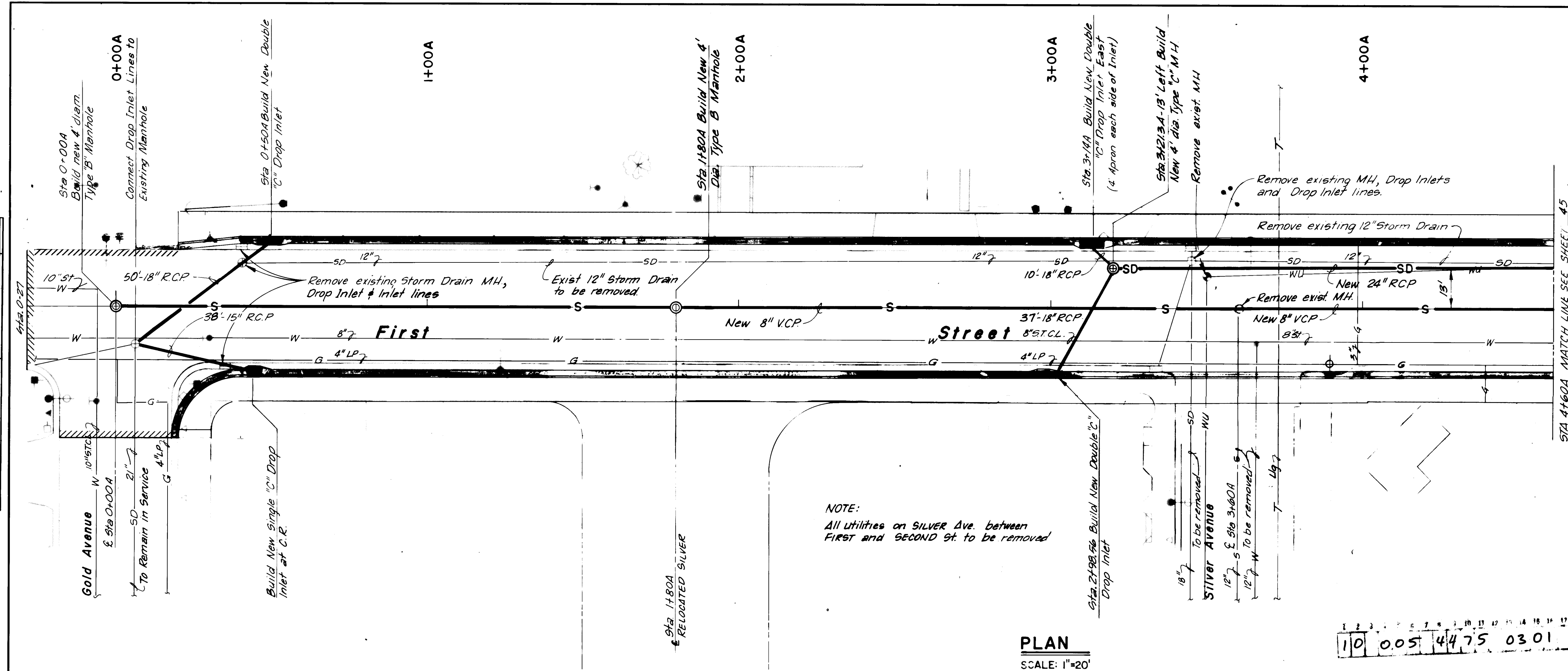
PROFILE		BY	DATE
SURVEYED			
PLOTTED			
GRADES CHECKED			
B. M.'S NOTED			
STRUCTURE NOTAT'NS CH AD			
NO _____			



PLAN	DATE
SURVEYED	BY
NOTED	BY
NO.	BY

PROFILE	DATE
SURVEYED	BY
NOTED	BY
NO.	BY

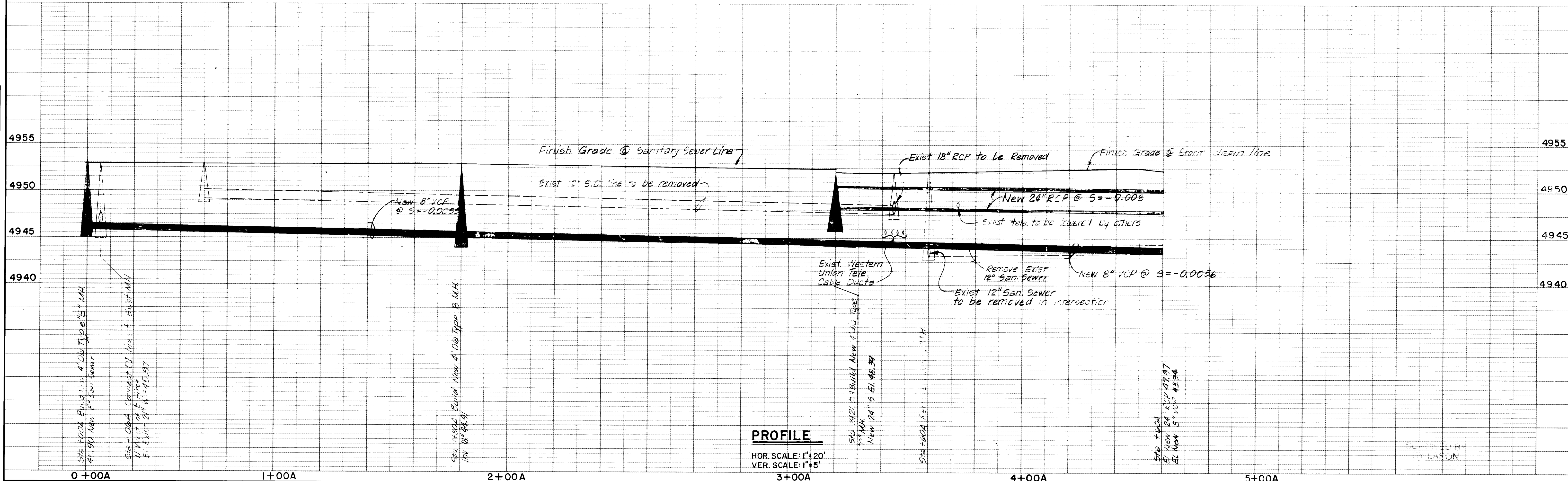
KOOGLE & POLLS ENGINEERING
315 CONVENT AVENUE, NEW YORK



PLAN
SCALE: 1"=20'

10 005 44 75 03 01 57 14 11

As Built 11/75
Revised Jan. 30, 1975



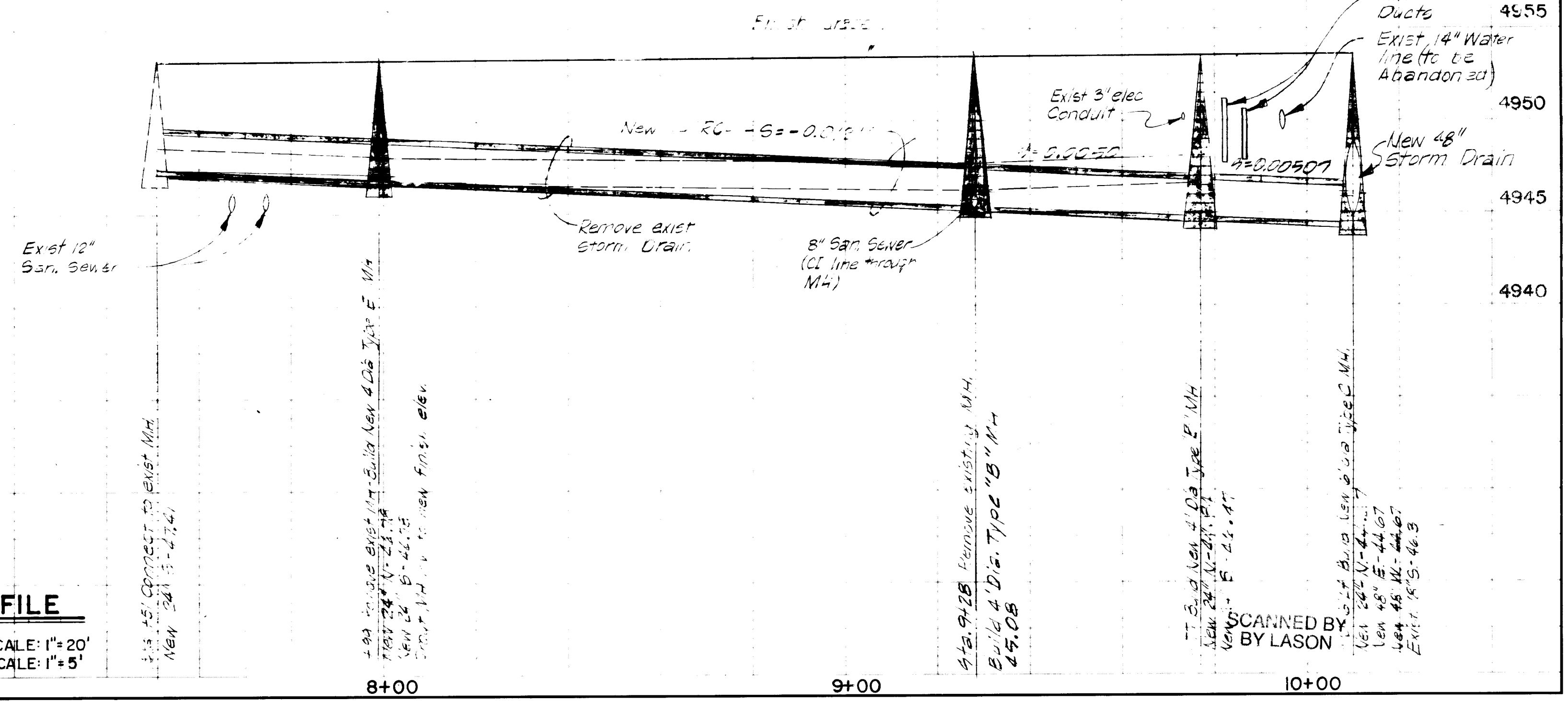
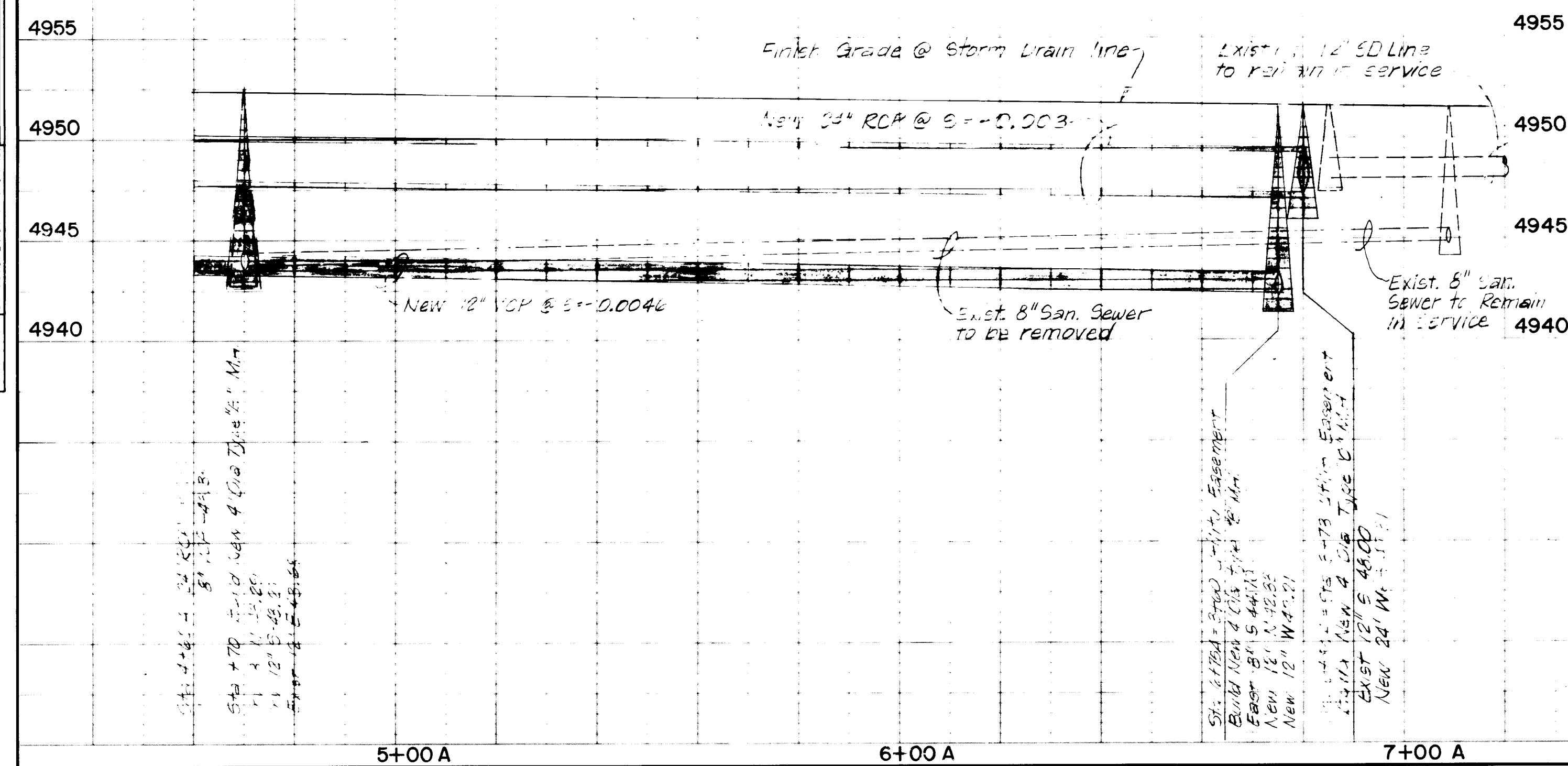
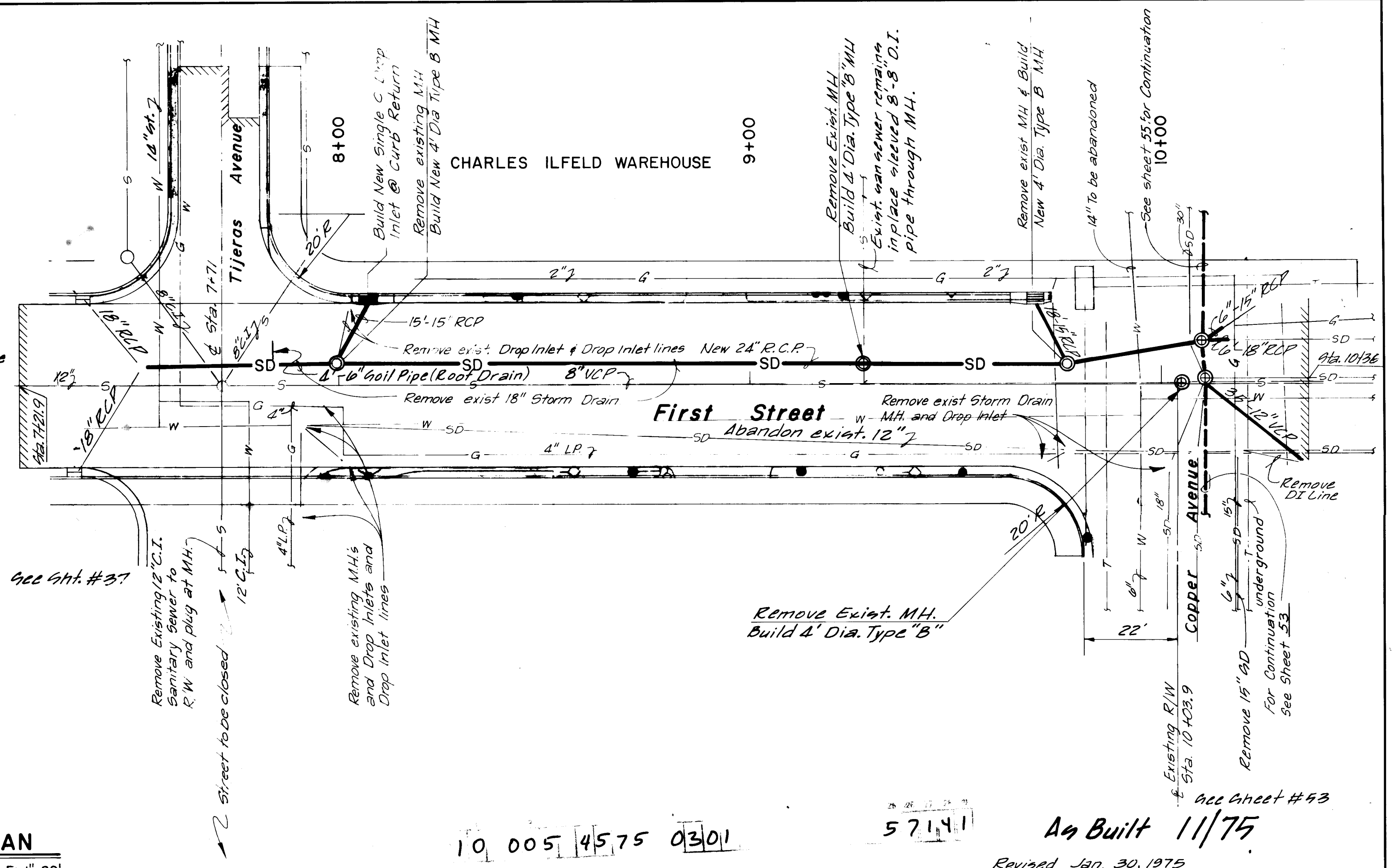
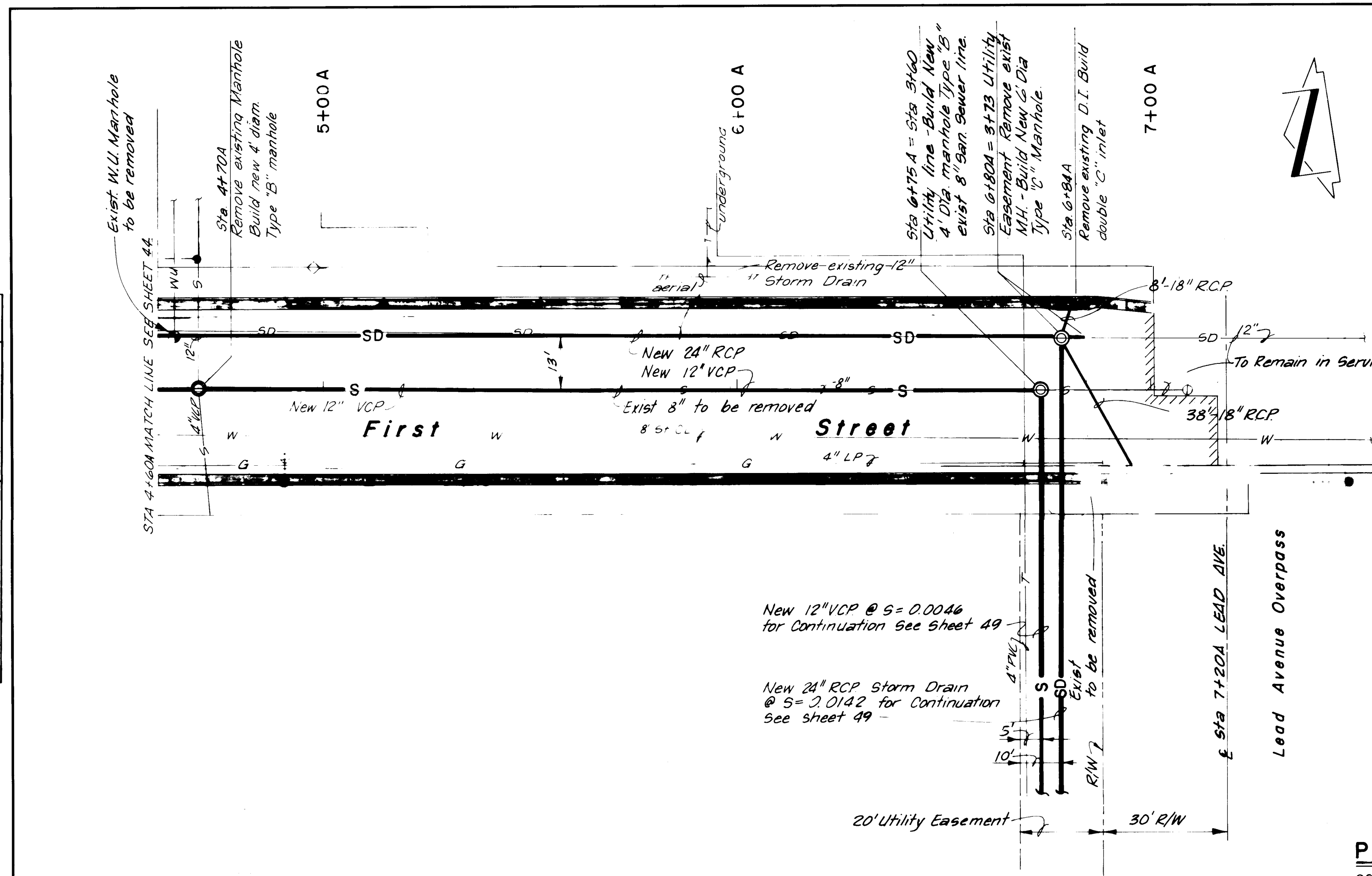
PROFILE
HOR. SCALE: 1"=20'
VER. SCALE: 1"=5'

PLAN	DATE	BY
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.		

MOORE & POLIS ENGINEERING
5115 CORPENT RECONSTRUCTION NEWARK

PROFILE	DATE	BY
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.		

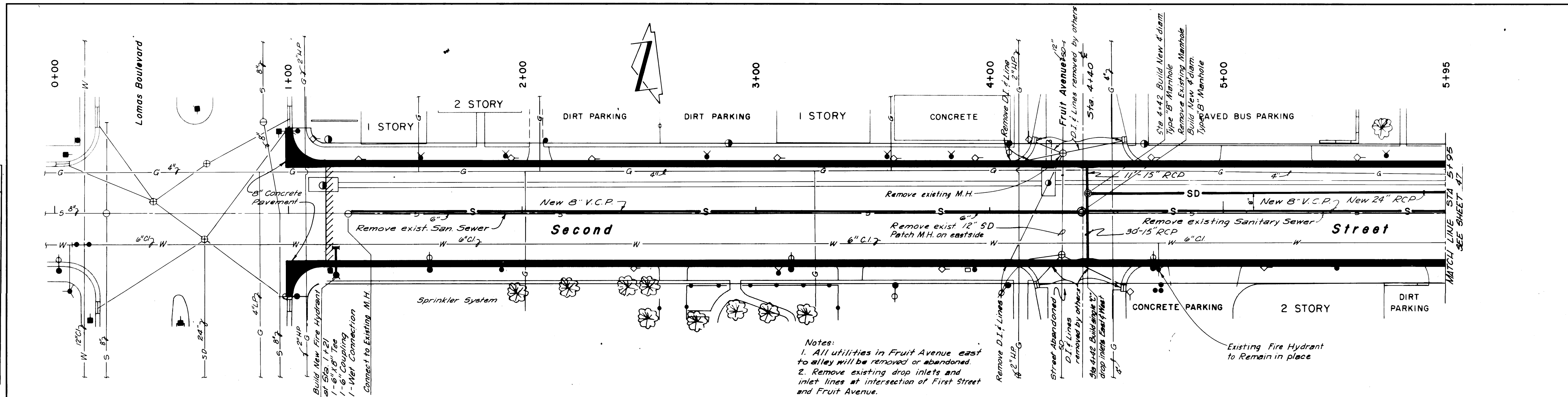
MOORE & POLIS ENGINEERING
5115 CORPENT RECONSTRUCTION NEWARK



PLAN	DATE	BY
SURVEYED		
NOTE BOOK		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
NO.		

KOOGLE & POOLS ENGINEERING
1115 CORP. RD. ALBANY, N.Y. 12212

PROFILE	DATE	BY
SURVEYED		
NOTE BOOK		
GRADES CHECKED		
B. M. S. NOTED		
STRUCTURE NOTATIONS CHECKED		
NO.		

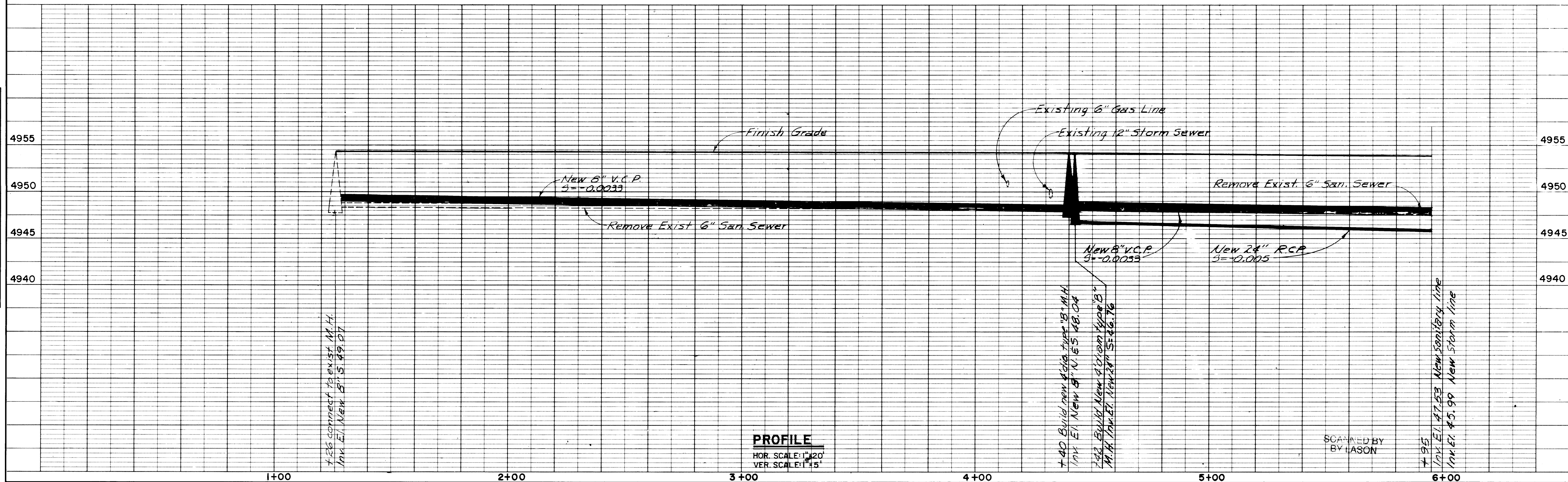


PLAN
SCALE: 1"=20'

10 005 4675 0301

58142

As Built 11/75



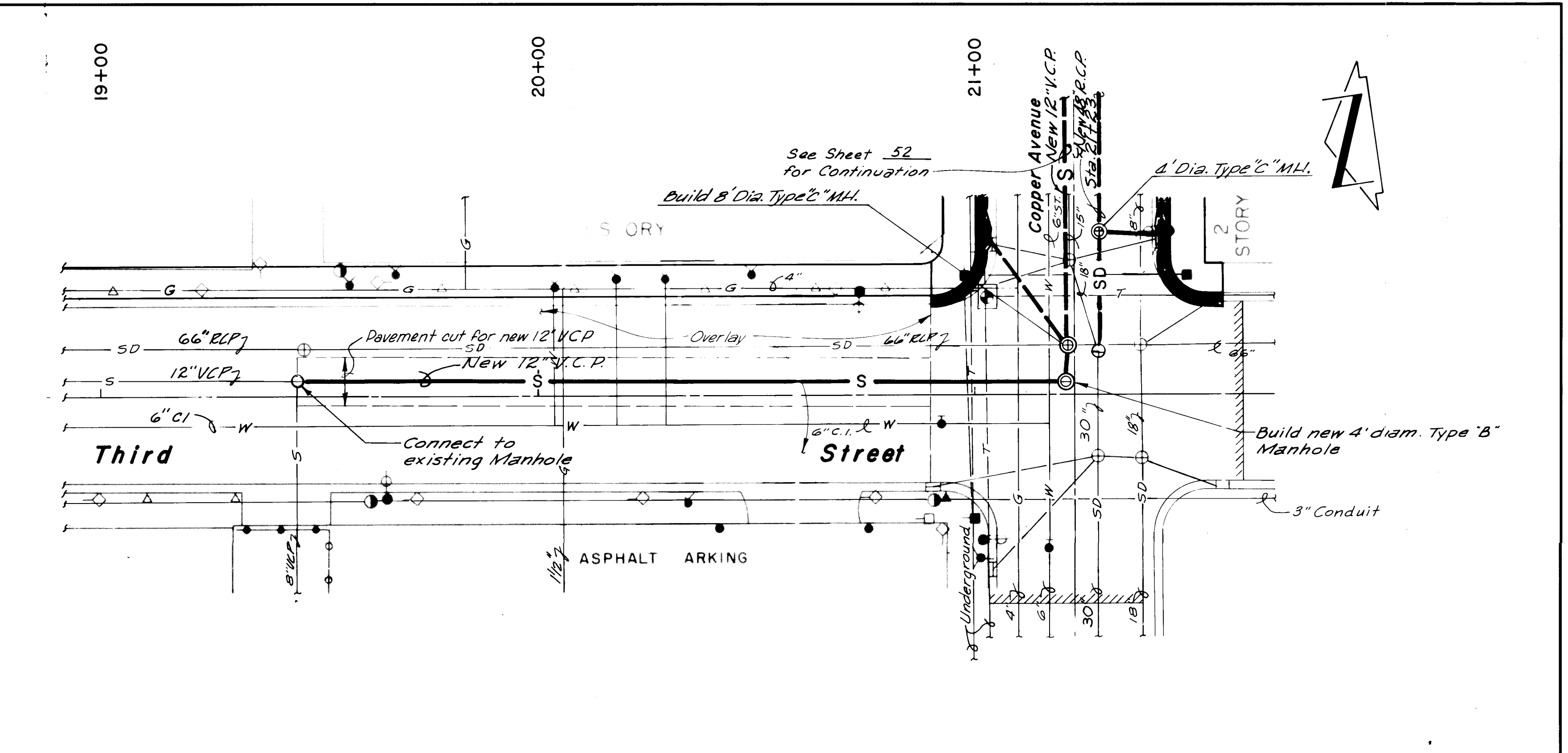
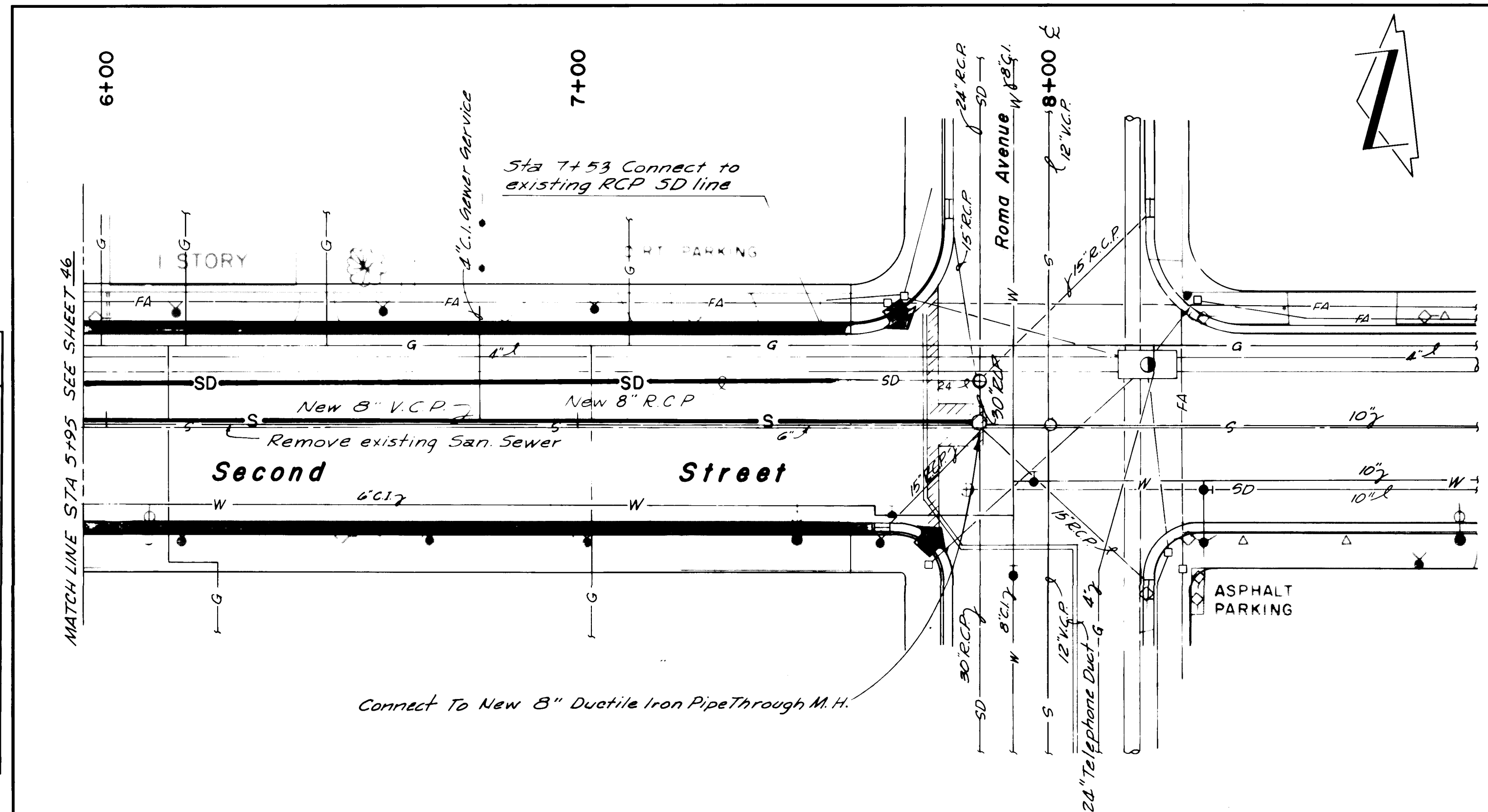
PROFILE
HOR. SCALE: 1"=20'
VER. SCALE: 1"=5'

SCANNED BY
BY IASON

PLAN	DATE	BY
SURVEYED		
NOTE BOOK		
NO.		

PROFILE	DATE	BY
SURVEYED		
NOTE BOOK		
NO.		

KOOGLE & POLS ENGINEERING
1115 CORNHILL AVE. NEW BRUNSWICK, NJ 08901

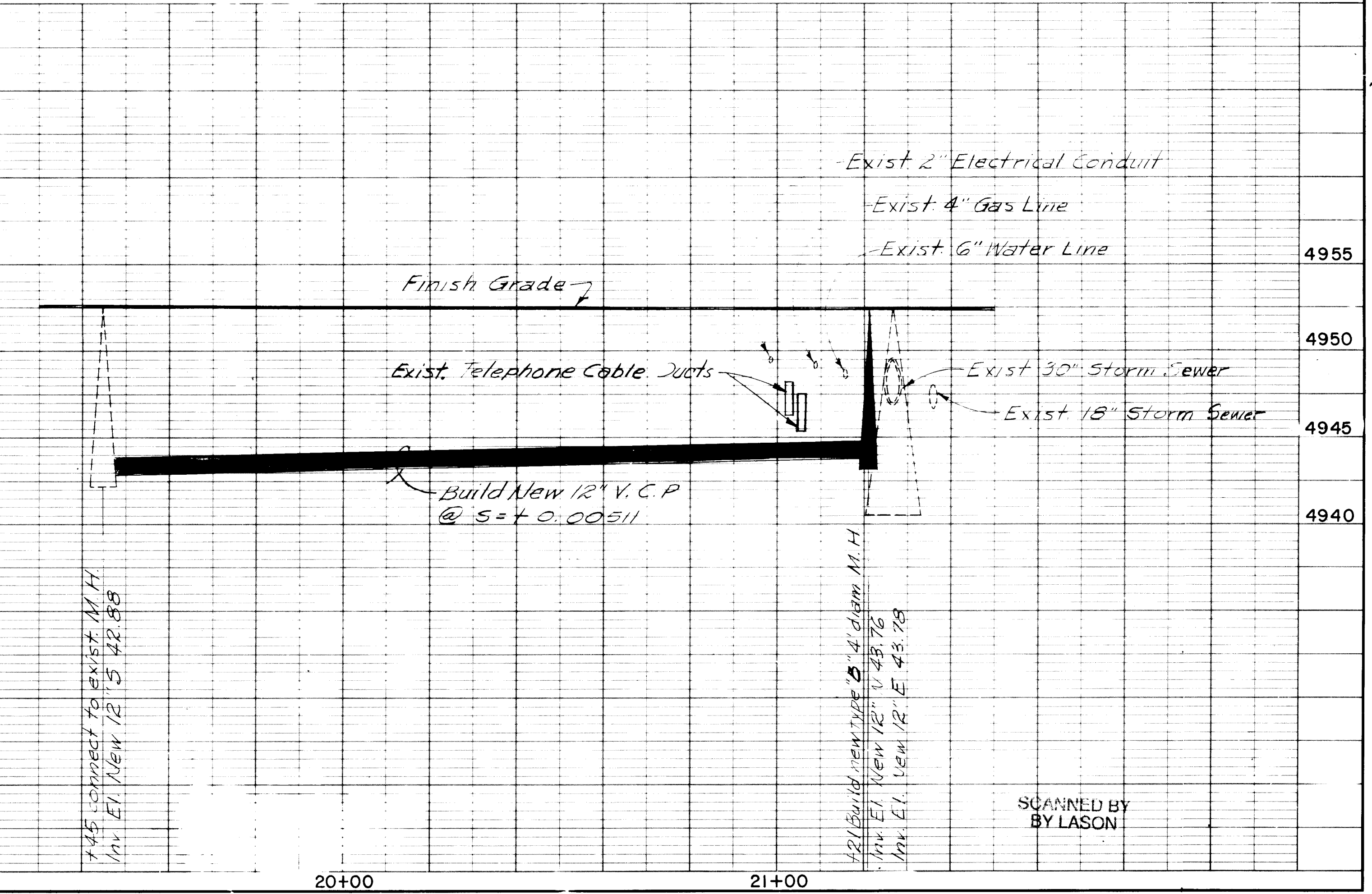
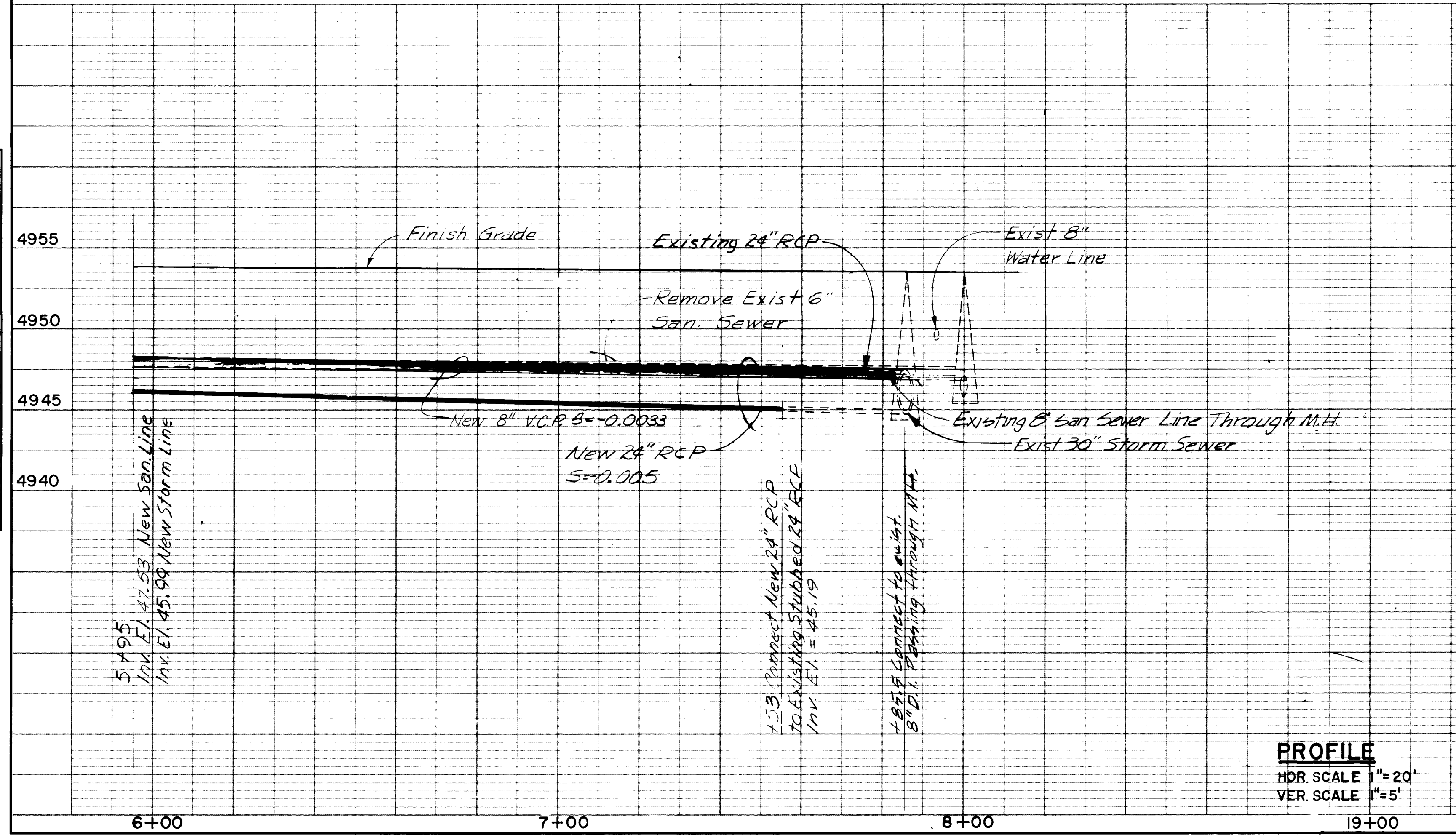


PLAN
SCALE 1"=20'

10 005 4775 0301

57141

As Built 11/75



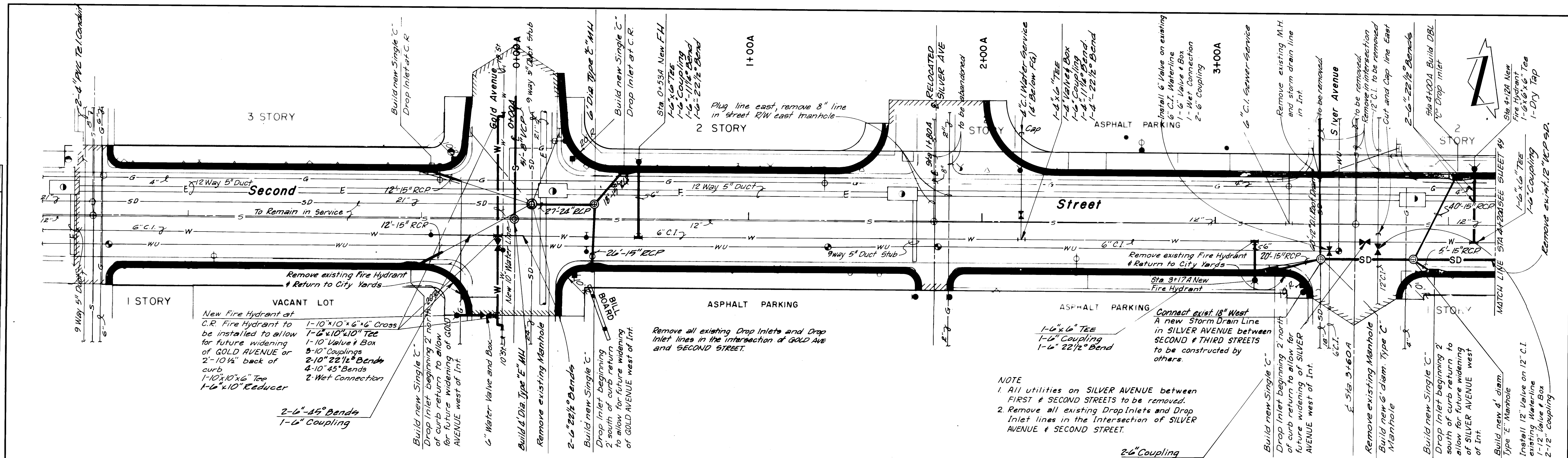
PROFILE
HOR. SCALE 1"=20'
VER. SCALE 1"=5'

SCANNED BY LASON

PLAN	DATE
SURVEYED	BY
NOTED	BY
PLOTTED	BY
CHECKED	BY
RT. OF WAY CHECKED	BY
NO.	

KOOGLE & POLLS ENGINEERING
 1155 SPRING ST. NEW BRUNSWICK, N.J. 08901

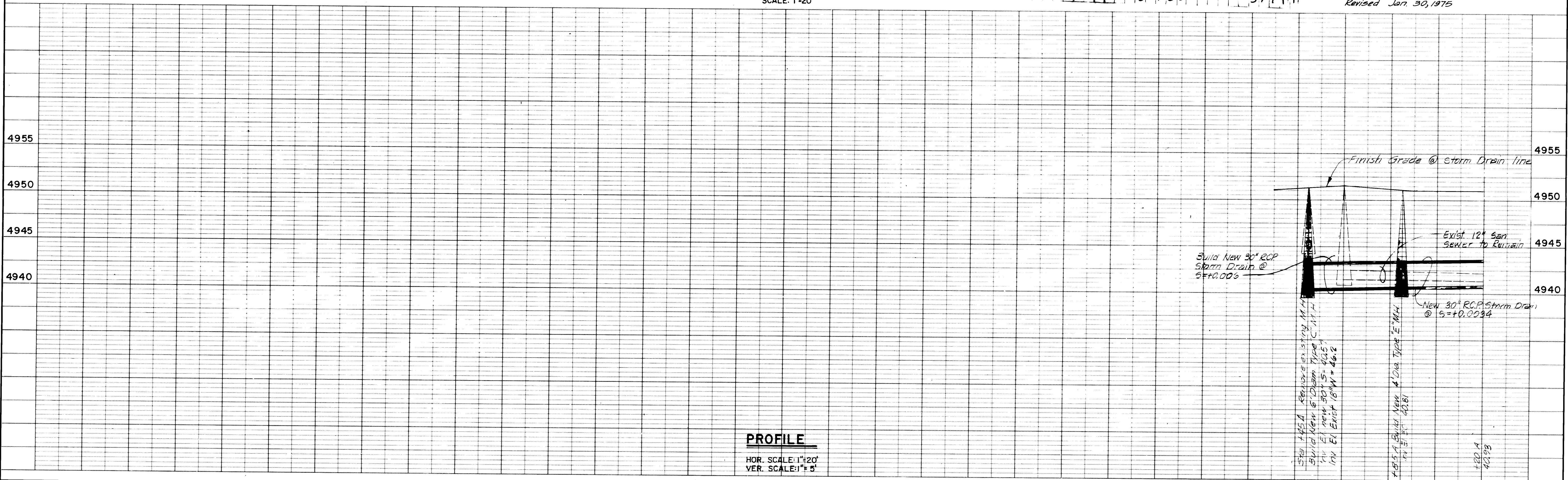
PROFILE	DATE
SURVEYED	BY
NOTED	BY
PLOTTED	BY
CHECKED	BY
STRUCTURE NOTATIONS CHECKED	BY
NO.	



PLAN
 SCALE: 1"=20'

10 005 4875 0301 03 571411

As Built 11/75
 Revised Jan. 30, 1975



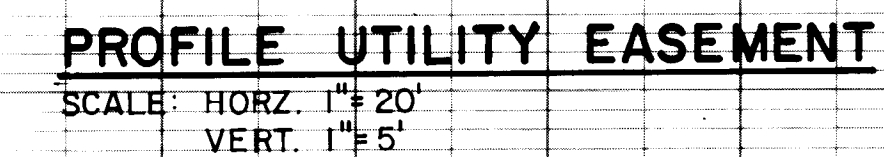
PROFILE
 HOR. SCALE: 1"=20'
 VER. SCALE: 1"=5'

KOOGLE & POULS ENGINEERING
5115 COPPER N.E. ALBUQUERQUE, NEW MEXICO



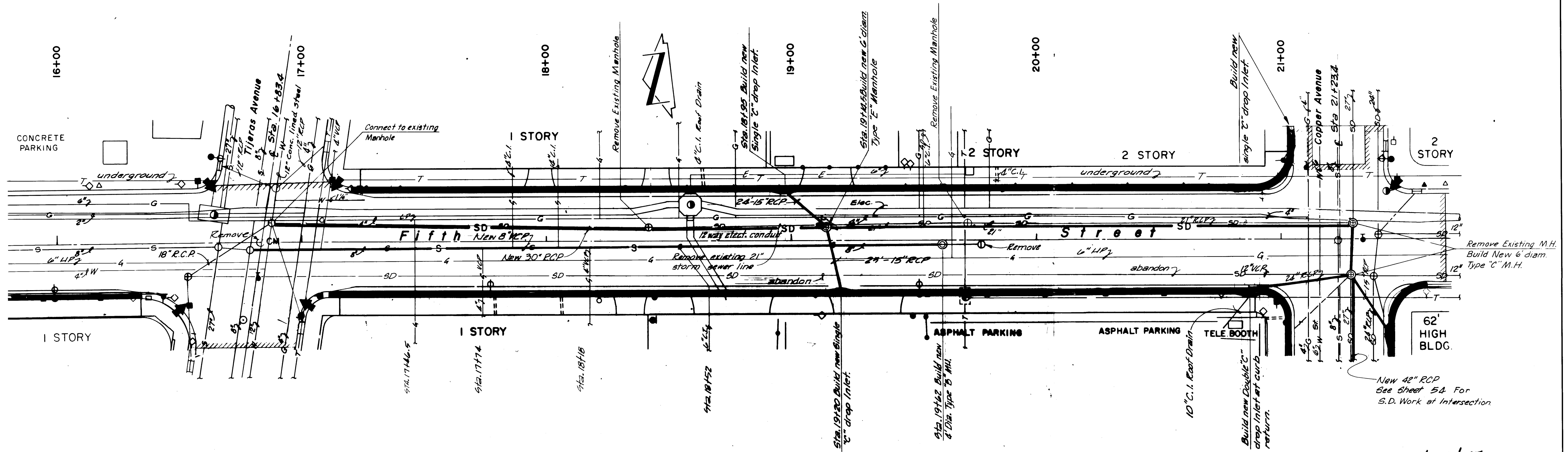
57141

Revised Jan. 30, 1975



PLAN	DATE	BY
SURVEYED		
NOTED		
PLOTTED		
CHECKED		
RT. OF WAY CHECKED		
NO.		

PROFILE	DATE	BY
SURVEYED		
NOTED		
PLOTTED		
CHECKED		
STRUCTURE NOTATIONS CH. 10		
NO.		

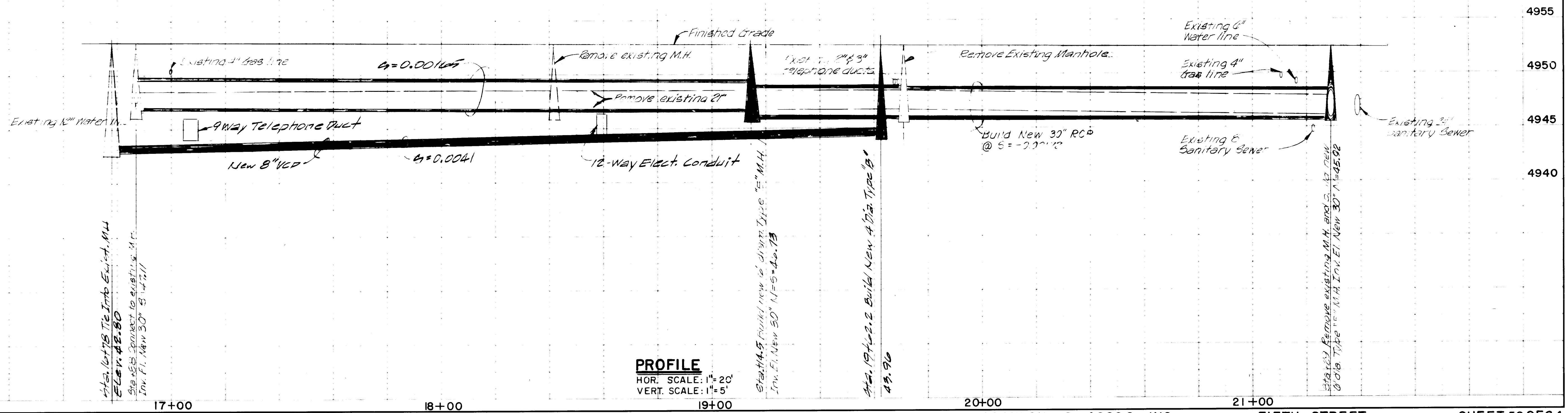


PLAN
SCALE 1"=20'

10 005 5075 0301

57141

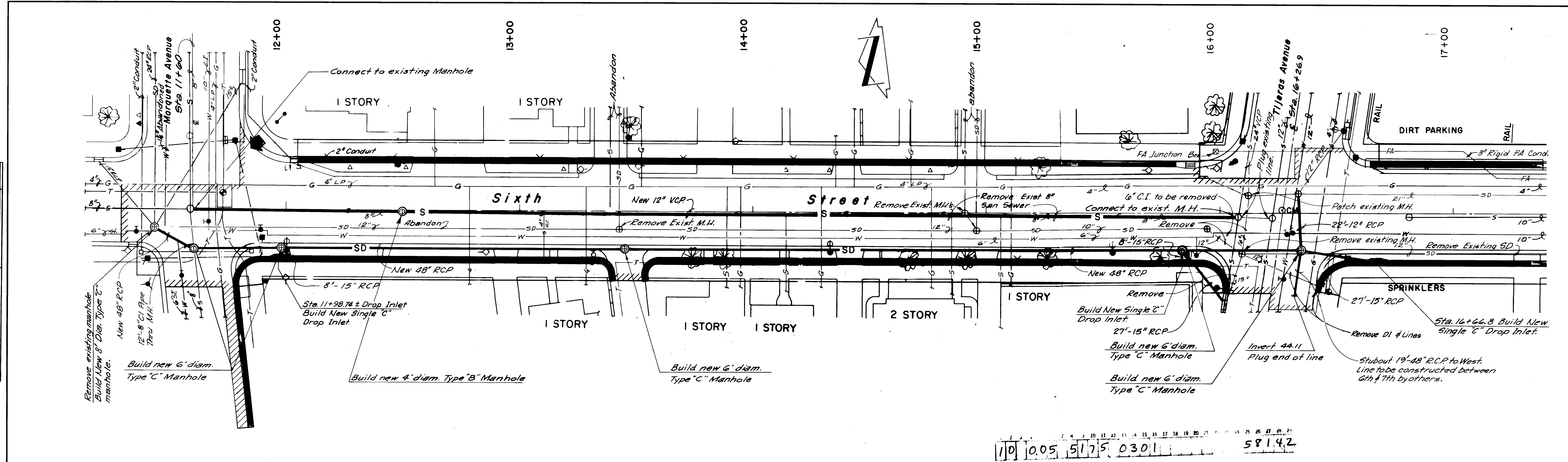
As Built 11/75



PROFILE
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

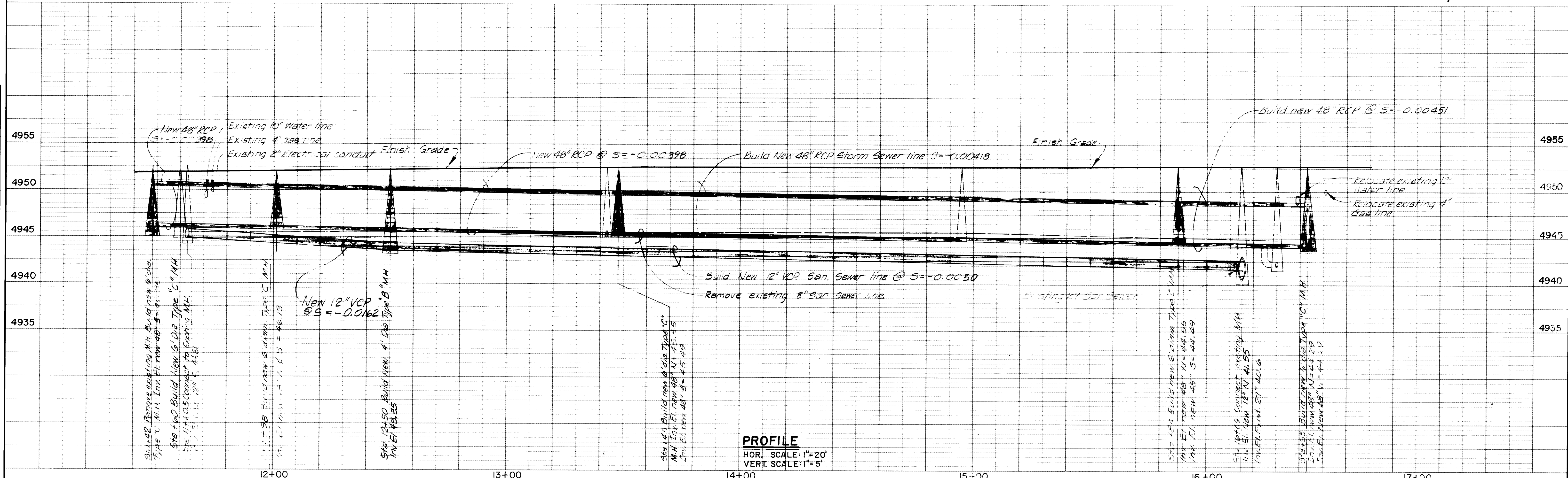
PLAN	DATE	BY
SURVEYED		
NOTED		
ALIGNED		
CHECKED		
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PROFILE	DATE	BY
SURVEYED		
NOTED		
GRADES		
CHECKED		
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PLAN
SCALE: 1"=20'

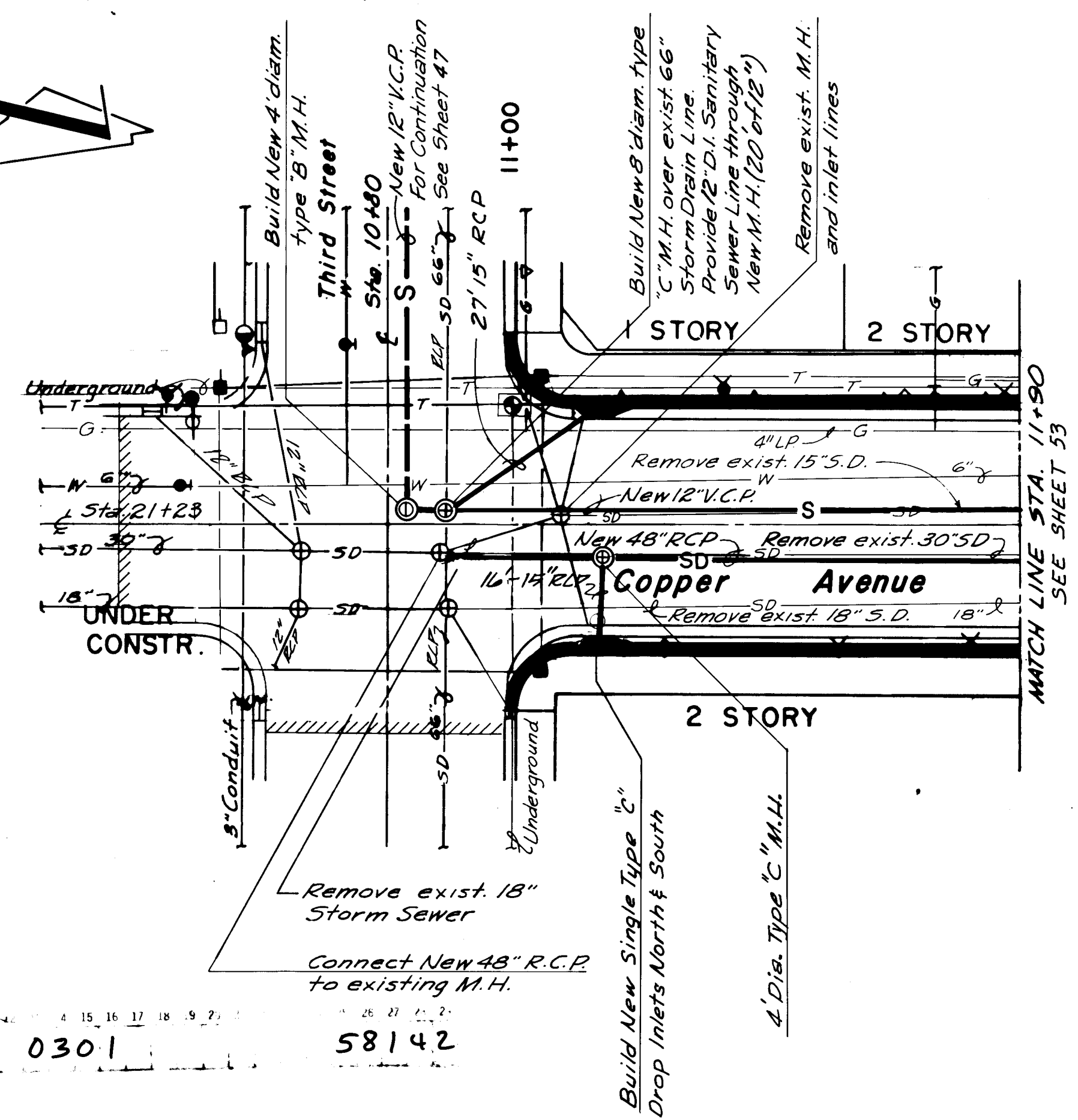
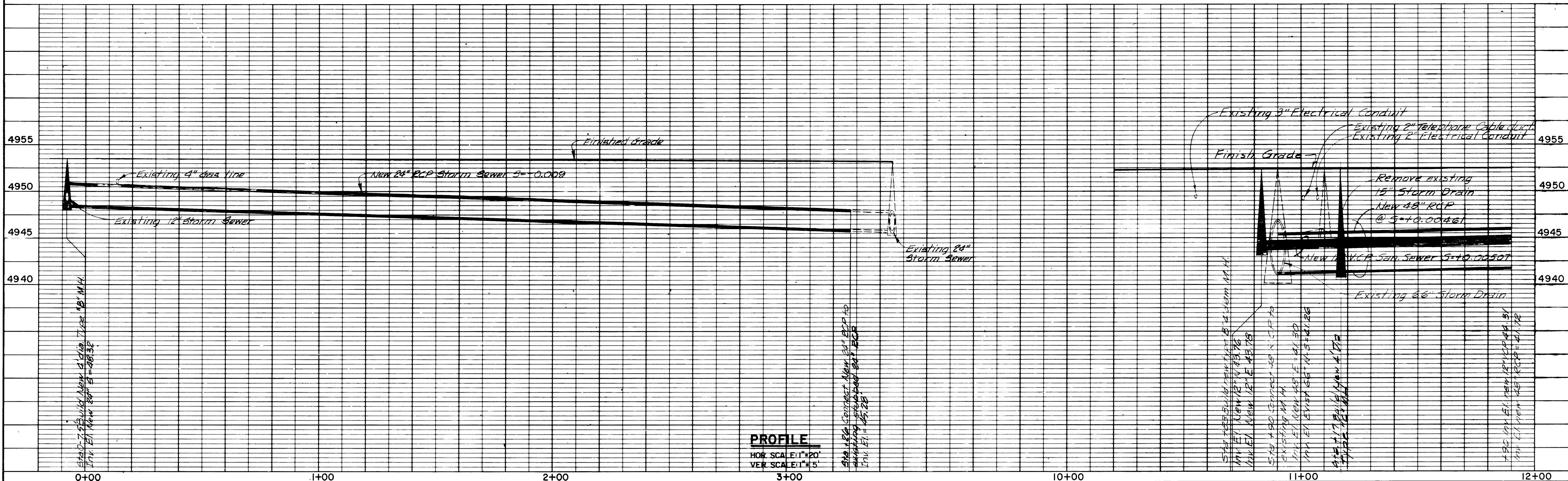
As Built 11/75



PROFILE
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

PROFILE		BY	DATE
SURVEYED			
PLOTTED			
NOTE BOOK			
GRADES CHECKED			
B. M.'S. NOTED			
NO.			
STRUCTURE NOTAT'NS CH NO.			

PLAN
SCALE: 1"=20'



110 005 5275 0301 58142

see sheet 38

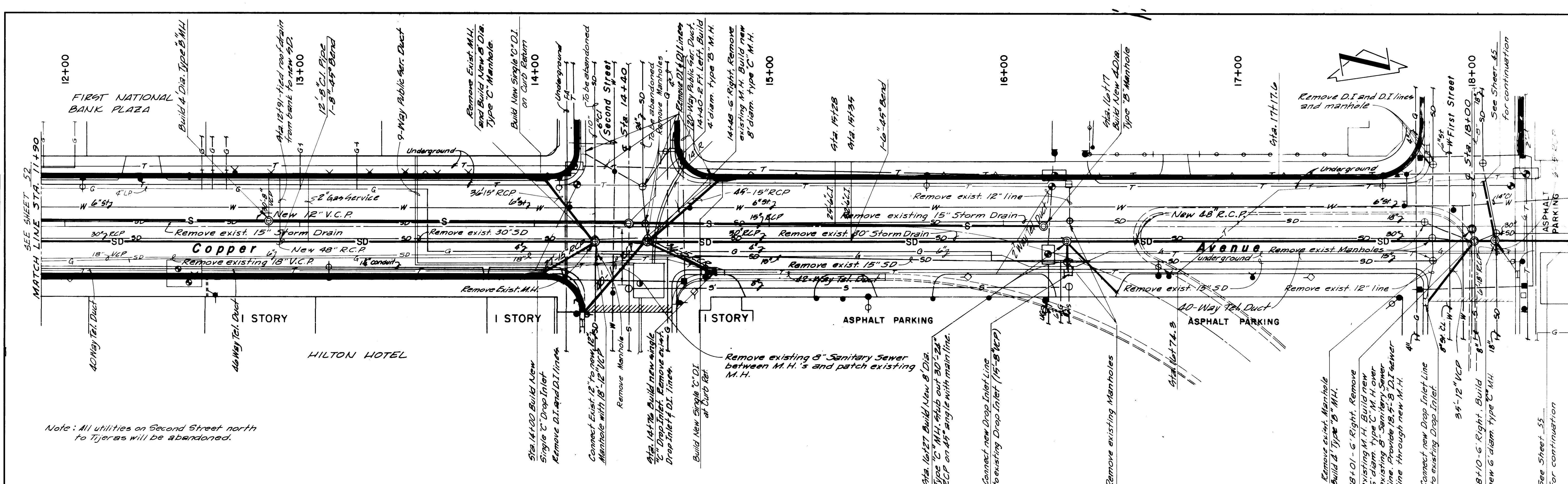
As Built 11/75

PLAN	DATE
SURVEYED	BY
PLOTTED	
NOTE BOOK	
GRADES CHECKED	
NO.	

10000 & 10000 ENGINEERING
1111 CUPPER AVE. ANN ARBOR, MI 48106

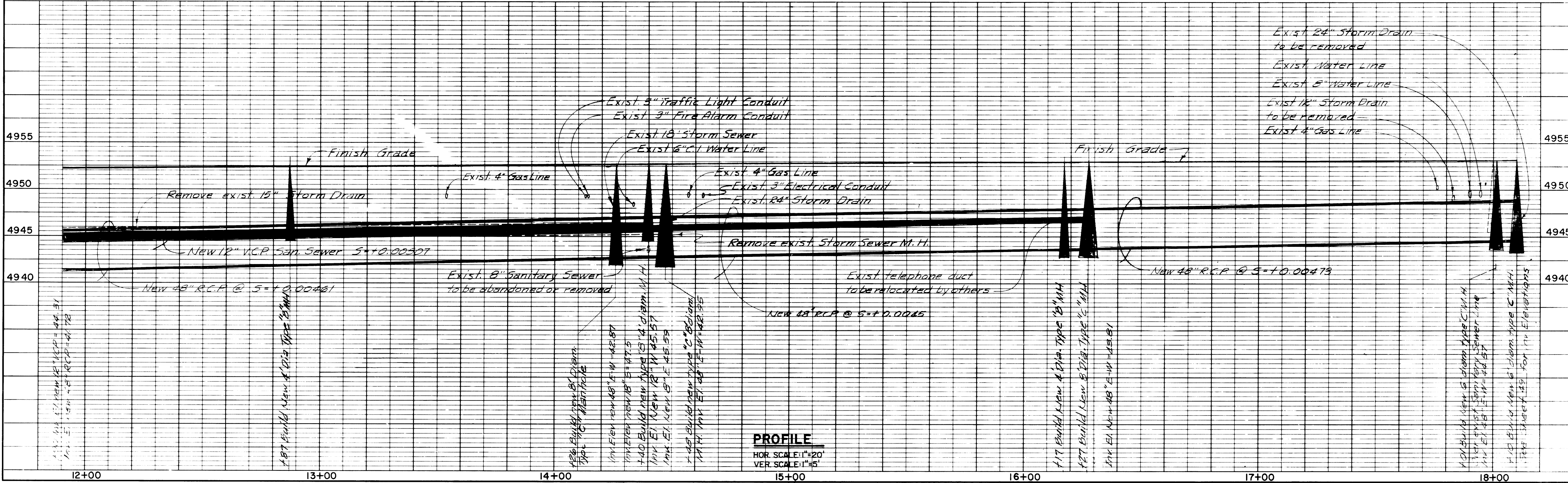
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SURVEYED	BY
PLOTTED	
NOTE BOOK	
GRADES CHECKED	
NO.	

10000 & 10000 ENGINEERING
1111 CUPPER AVE. ANN ARBOR, MI 48106



PLAN
SCALE: 1"=20'

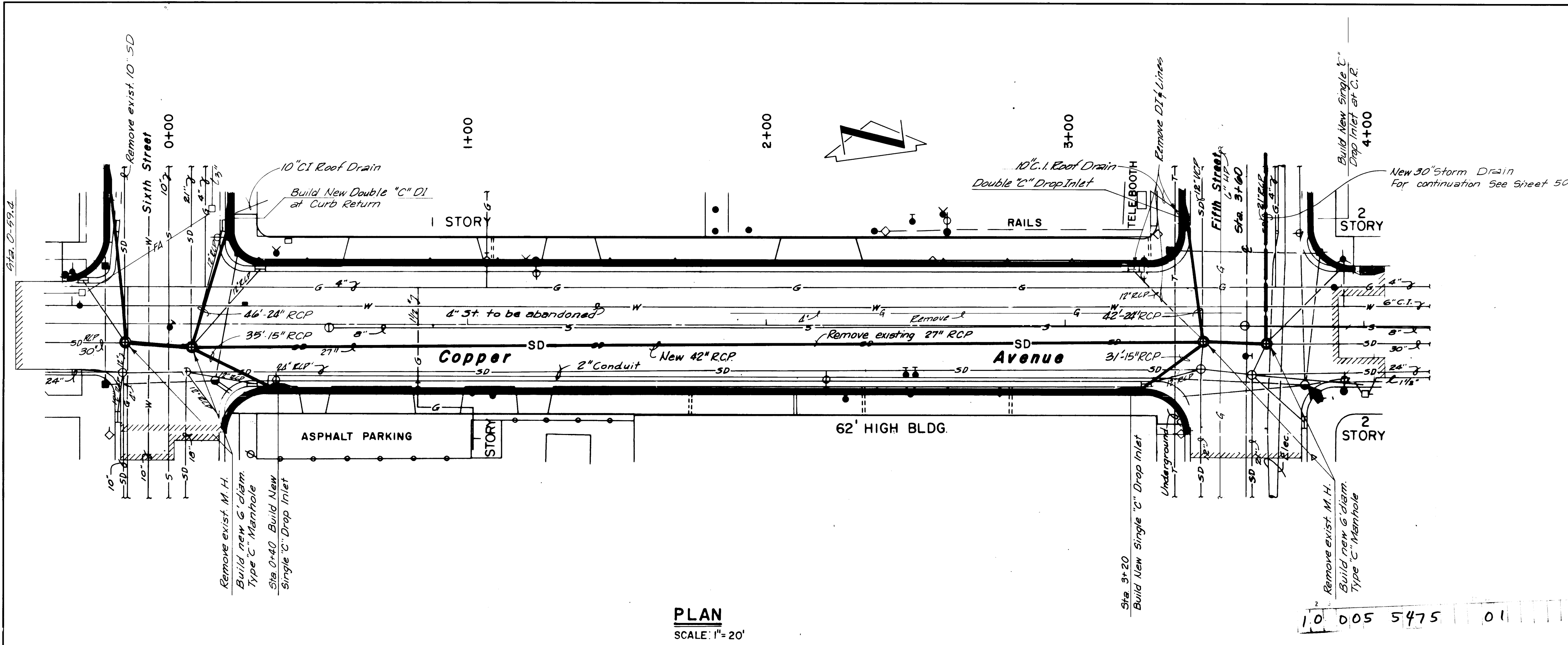
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57141
An Built 11/75



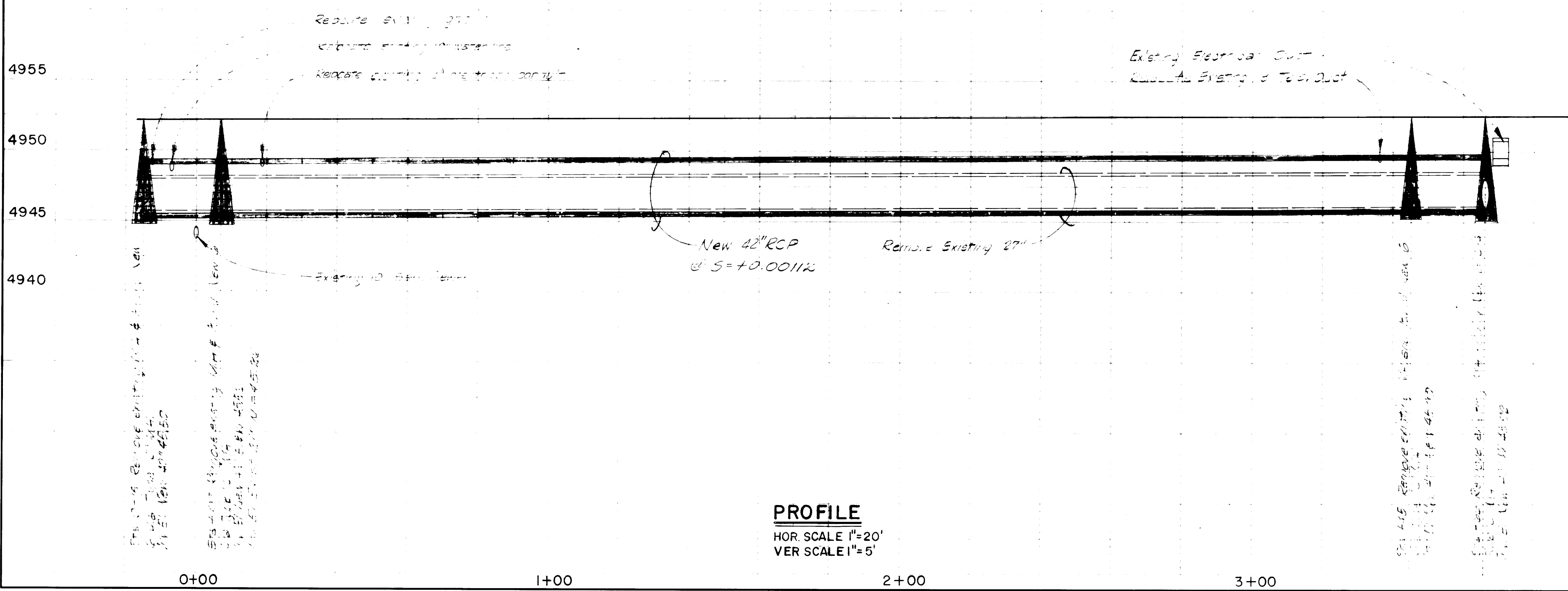
PROFILE
HOR SCALE: 1"=20'
VER SCALE: 1"=5'

PLAN	SURVEYED	DATE
NO. 107	BY	
NOTE BOOK	PLANNED	
ALIGNED	CHECKED	
BY	DATE	

PROFILE	SURVEYED	DATE
NO. 107	BY	
NOTE BOOK	PLANNED	
STRUCTURE NOTATIONS	CHECKED	
BY	DATE	



PLAN
SCALE: 1"=20'

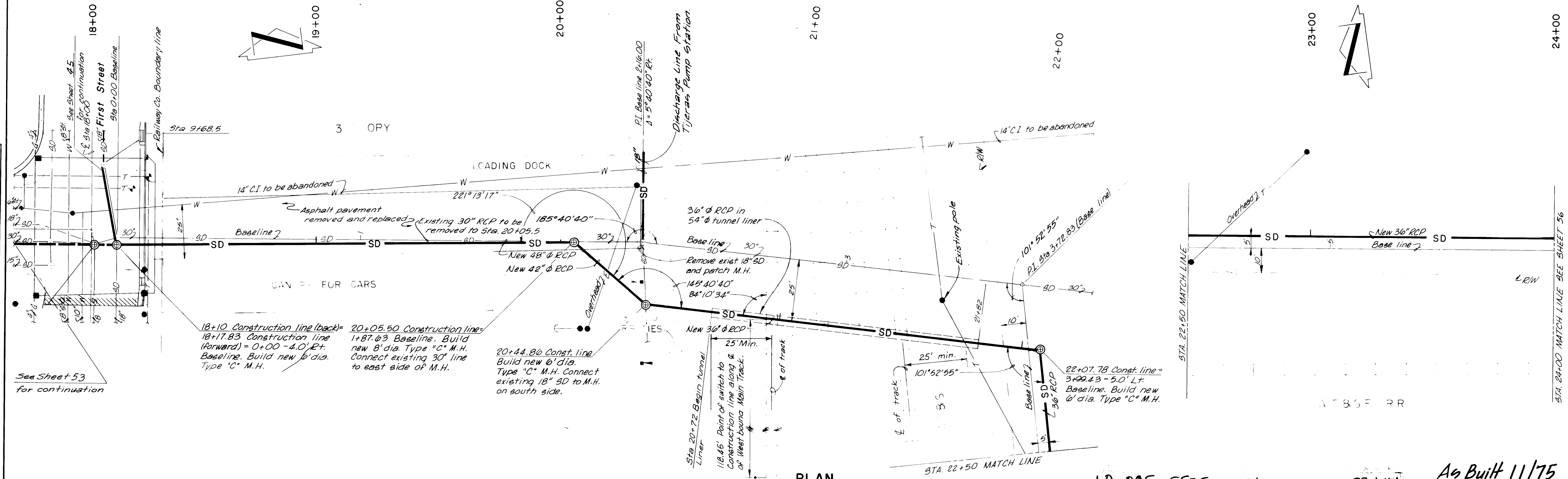


PROFILE
HOR. SCALE 1"=20'
VER. SCALE 1"=5'

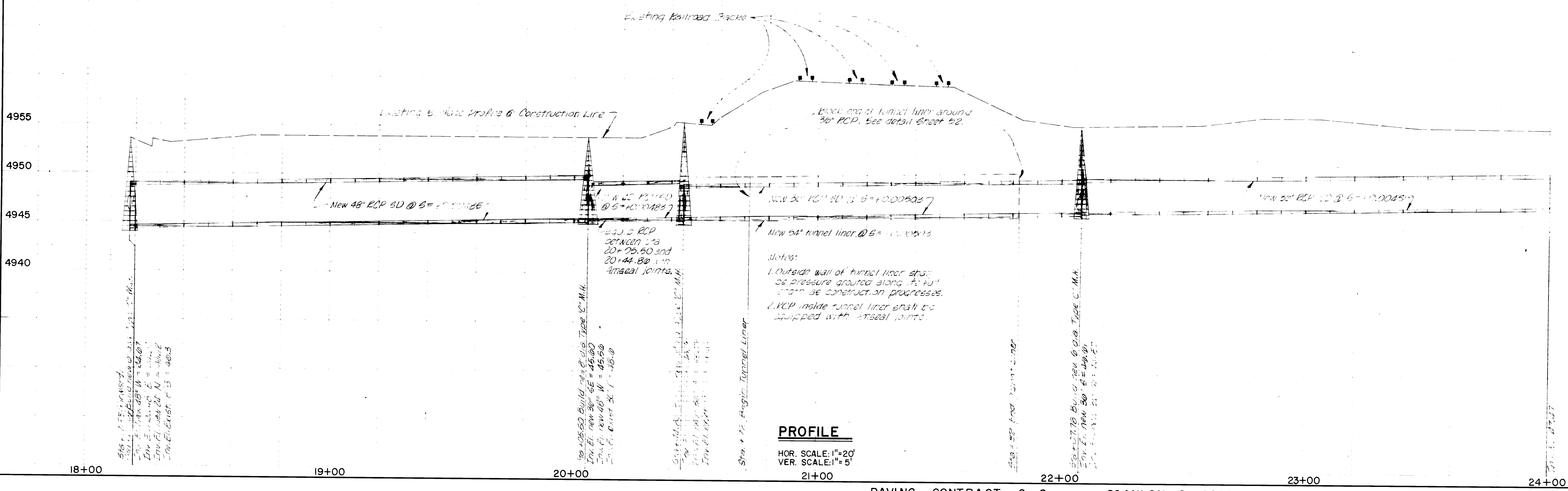
1.0 0.05 5475 01 57141 *As Built 11/75*

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	RT. OF WAY CHECKED		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	STRUCTURE NOTATIONS CH-10		



PLAN
SCALE: 1"=20'

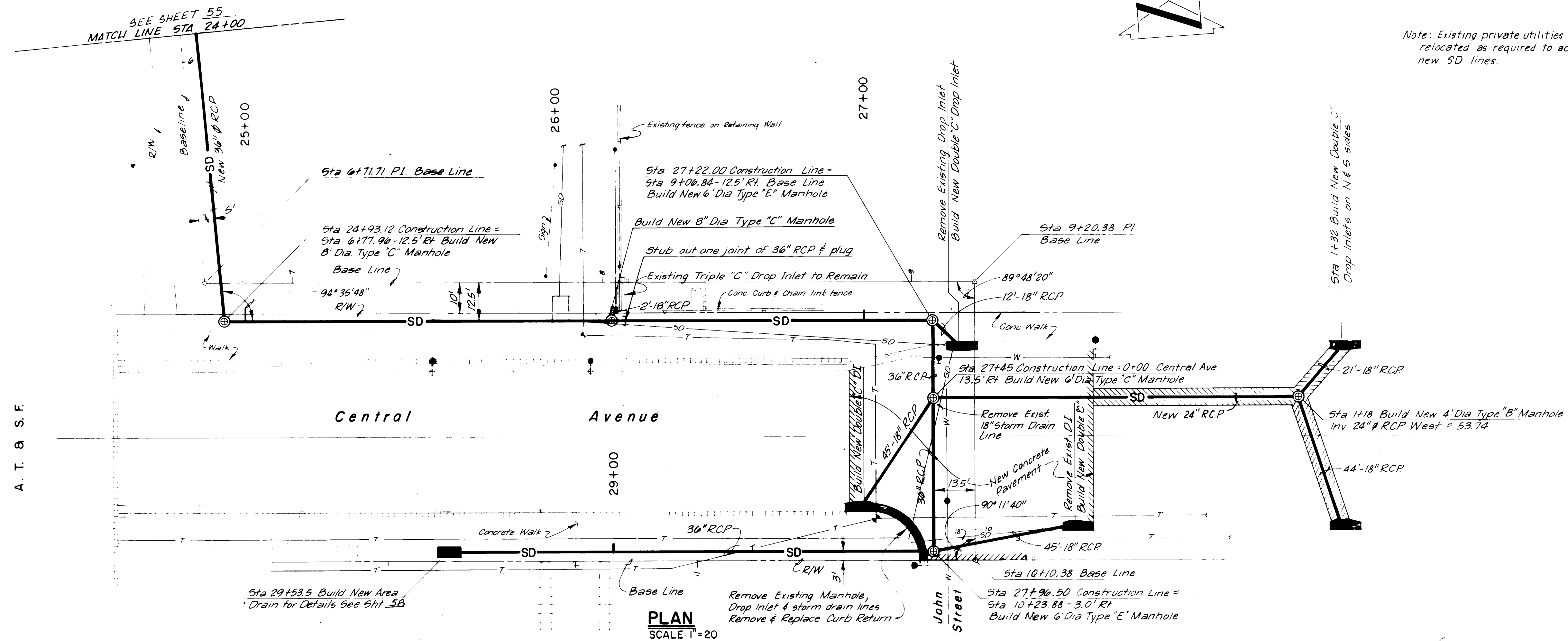


PROFILE
HOR. SCALE: 1"=20'
VER. SCALE: 1"=5'

SCANNED BY LASON

PLAN	DATE	BY	NO.
SURVEYED			
PLOTTED			
NOTE BOOK			
NO.			

PROFILE	DATE	BY	NO.
SURVEYED			
PLOTTED			
NOTE BOOK			
NO.			



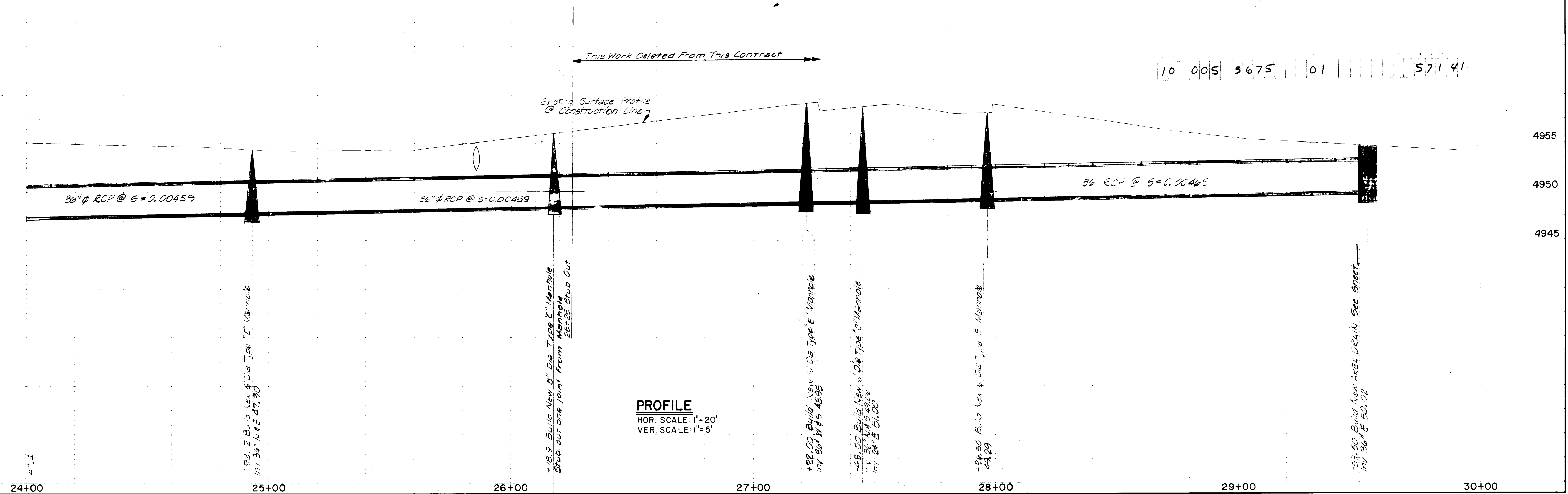
Note: Existing private utilities to be relocated as required to accommodate new SD lines.

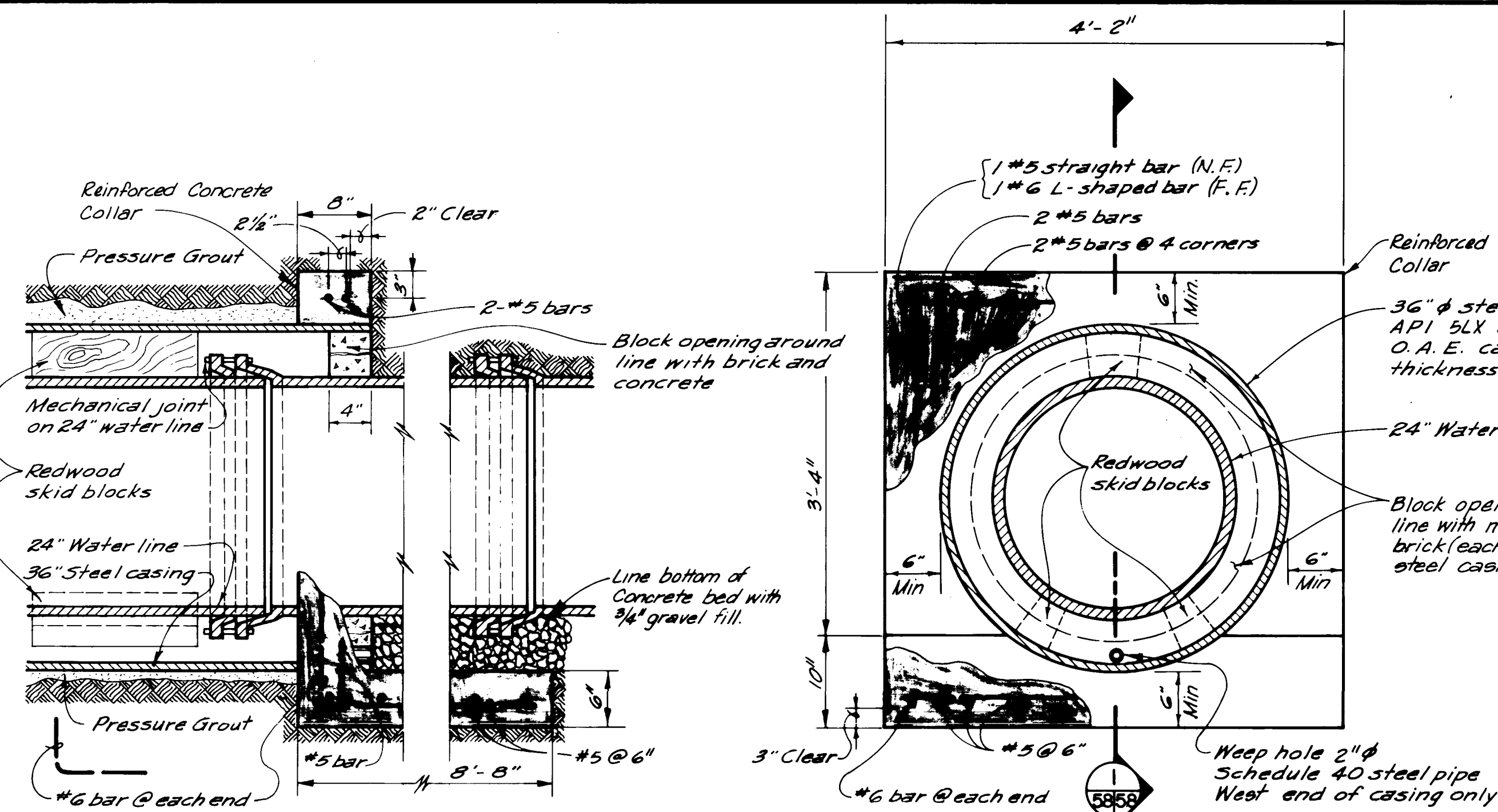
As Built 11/75

PLAN
SCALE 1"=20'

PROFILE
HOR. SCALE 1"=20'
VER. SCALE 1"=5'

10 005 5675 01 57141



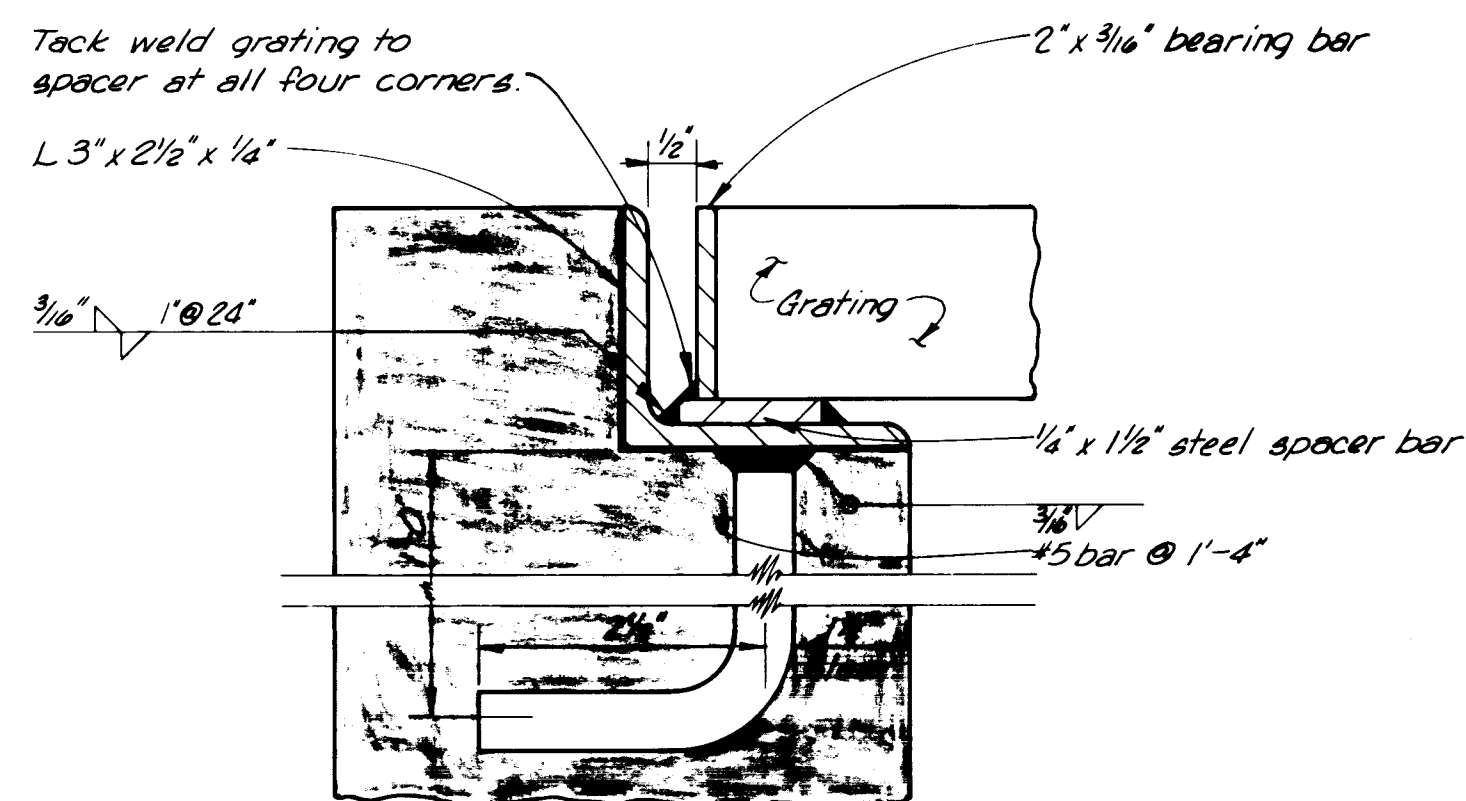


SECTION 1
SCALE: 1"=1'-0"

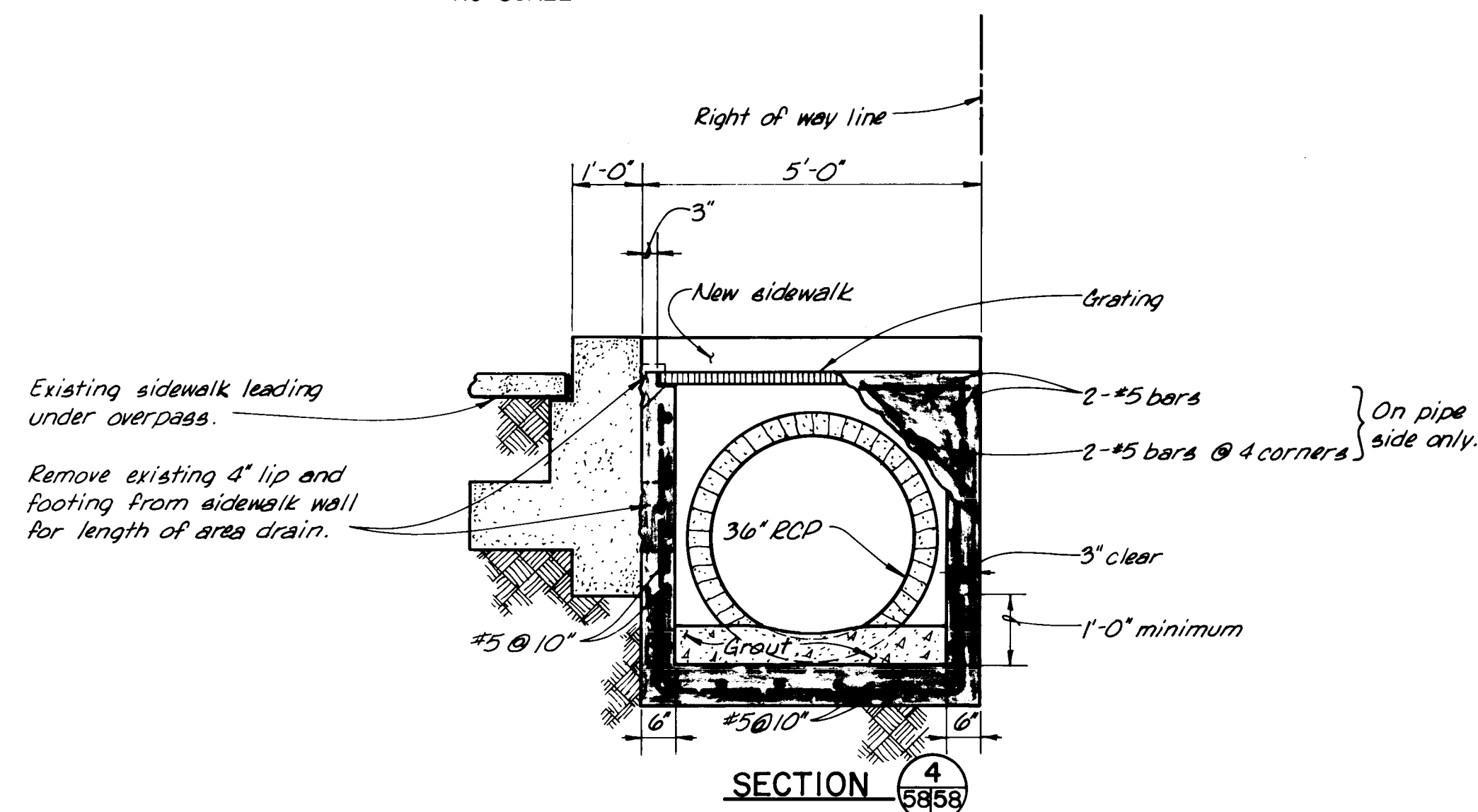
NOTE: Steel Casing at MARQUETTE AVENUE and RAILROAD TRACKS.

FRONT ELEVATION
SCALE: 1"=1'-0"

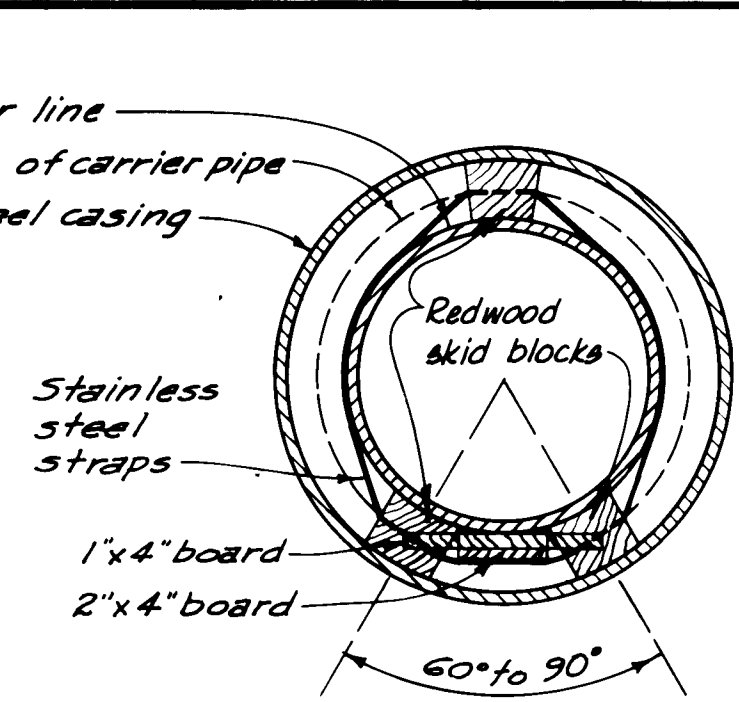
STEEL CASING DETAILS



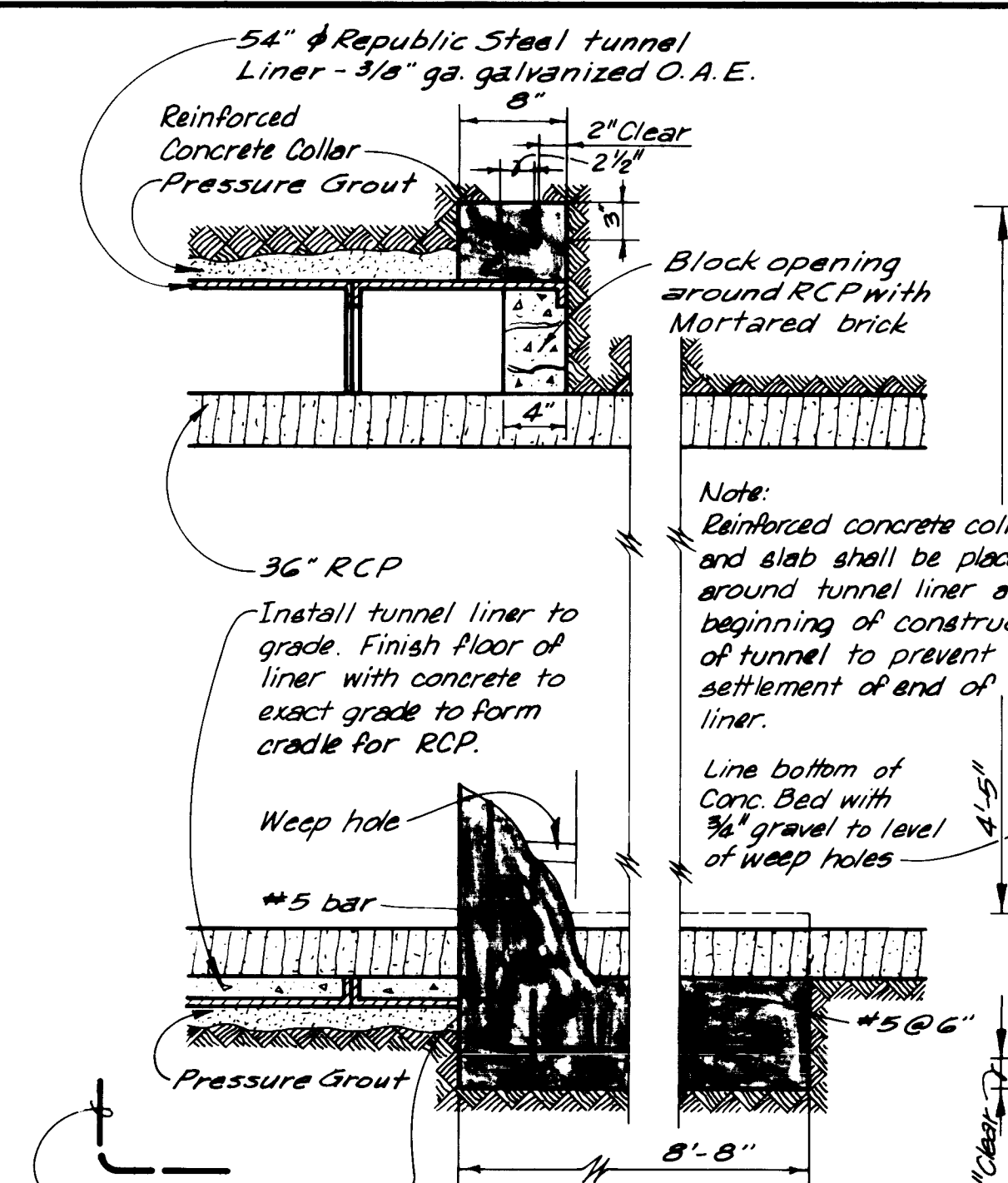
GRATING ANCHORING DETAIL
NO SCALE



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

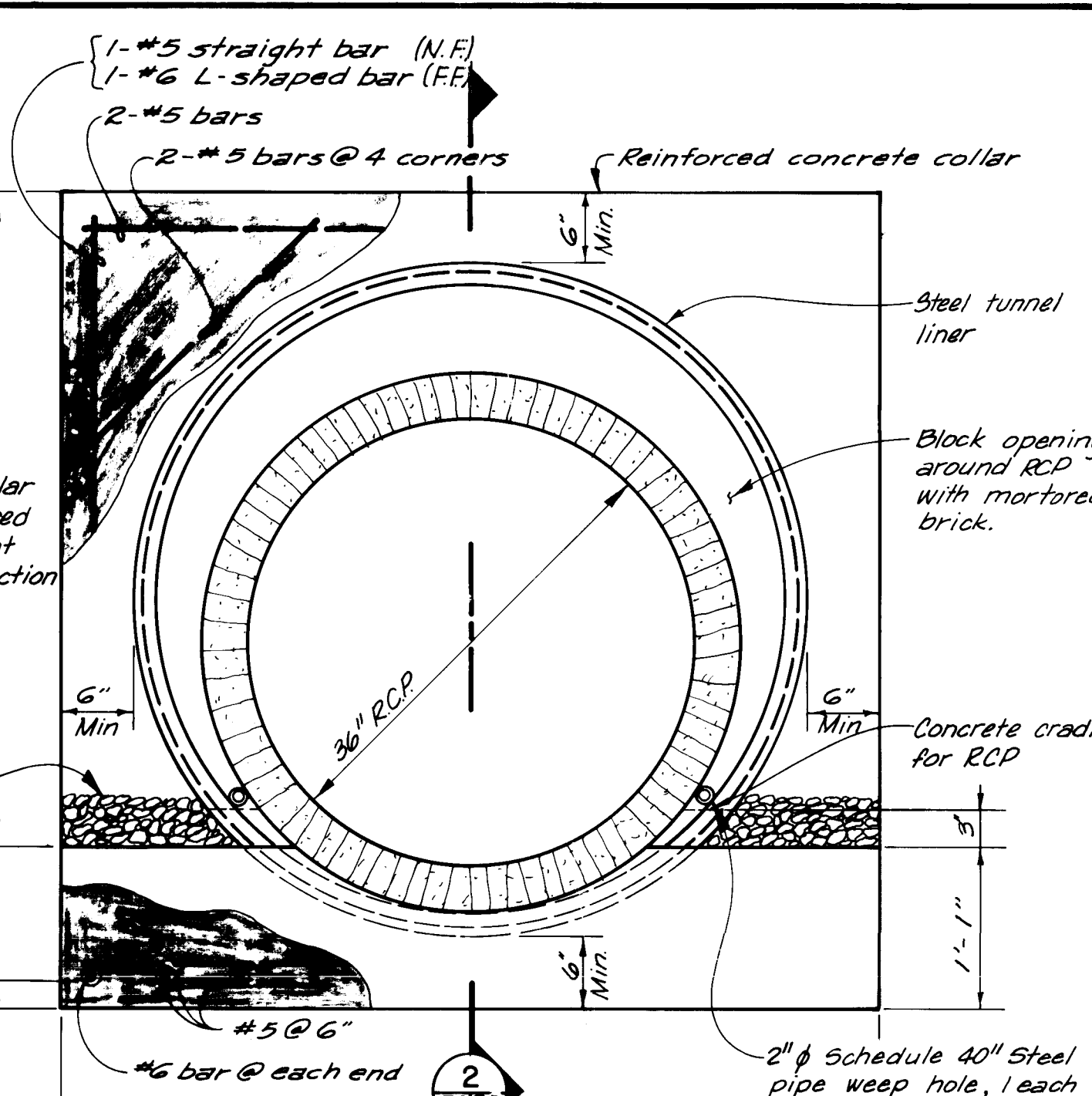


TYPICAL SECTION
SCALE: 3/4"=1'-0"



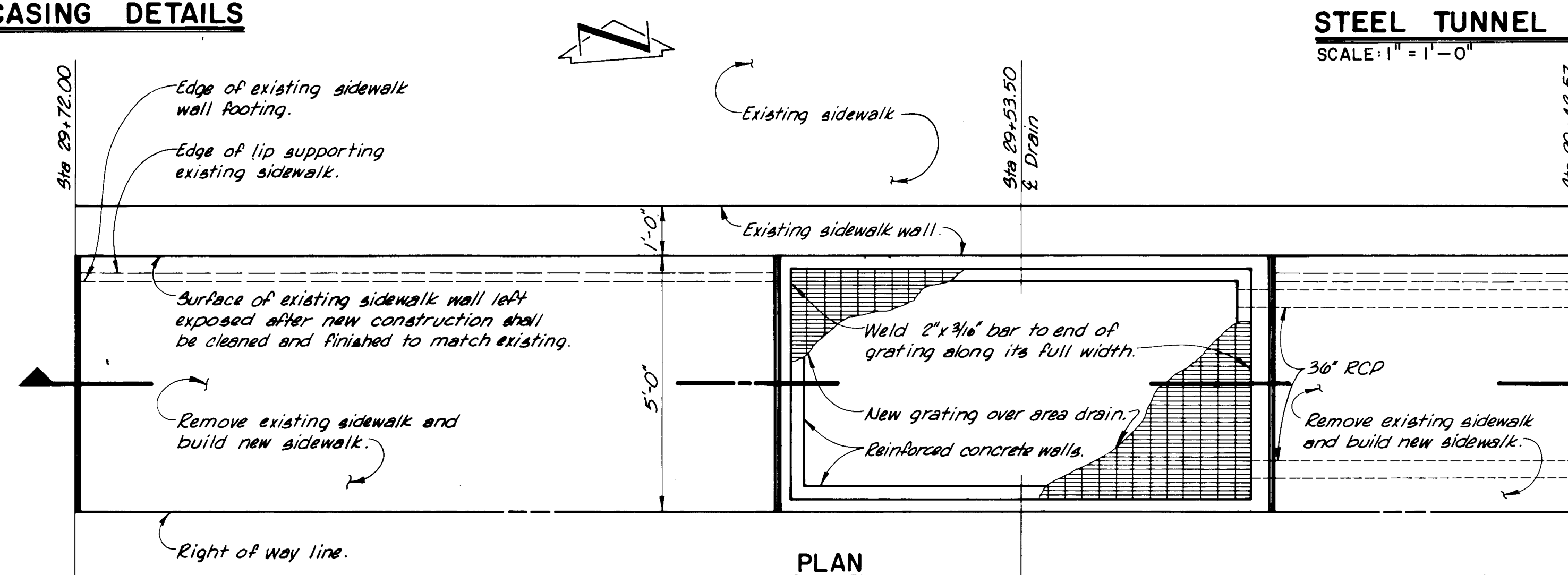
SECTION 2
SCALE: 1"=1'-0"

NOTE: Steel Tunnel Liner at COPPER AVENUE and RAILROAD TRACKS.

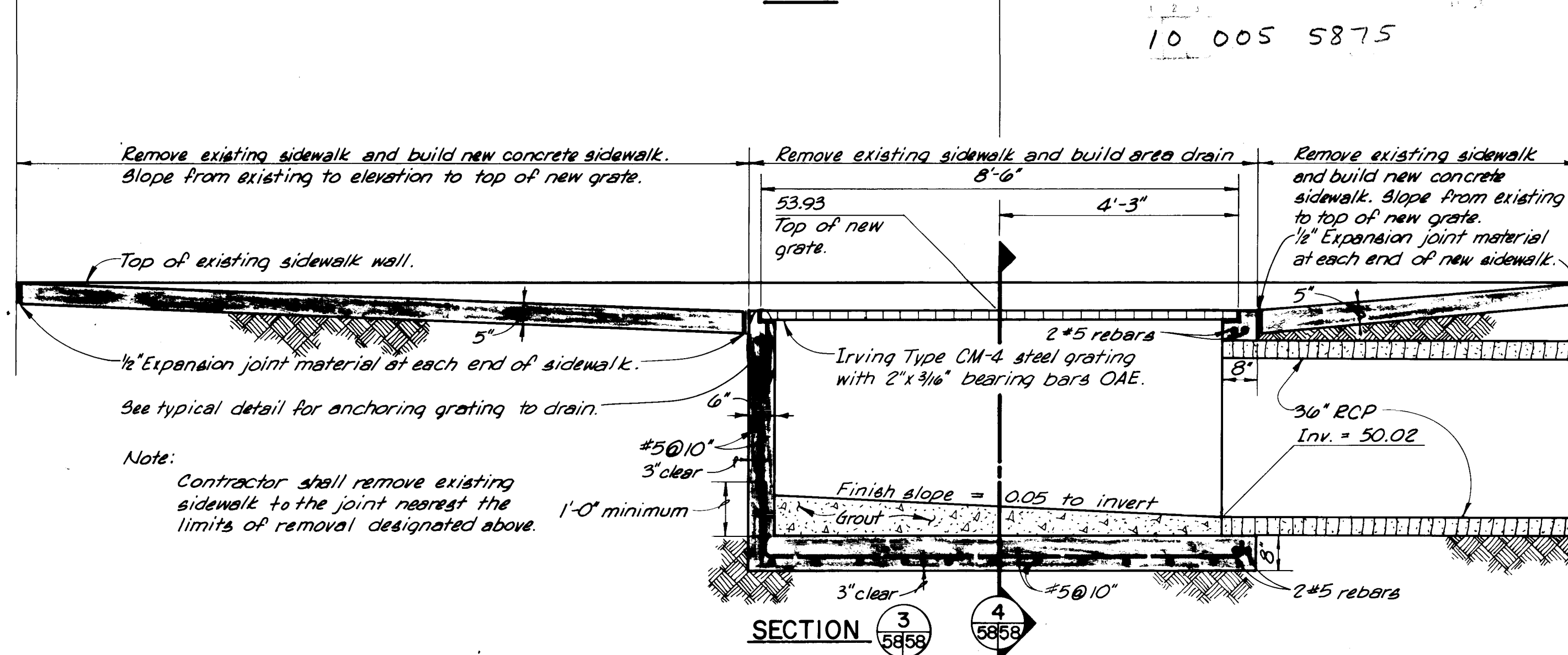


FRONT ELEVATION
SCALE: 1"=1'-0"

STEEL TUNNEL LINER DETAILS



PLAN



SECTION 3
SCALE: 1"=1'-0"

AREA DRAIN ON CENTRAL AVENUE

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

NOTE: Any voids around casing pipe or tunnel liner shall be pressure grouted at the direction of the engineer. No additional payment will be made for this work. The cost shall be included in overall cost of crossing.

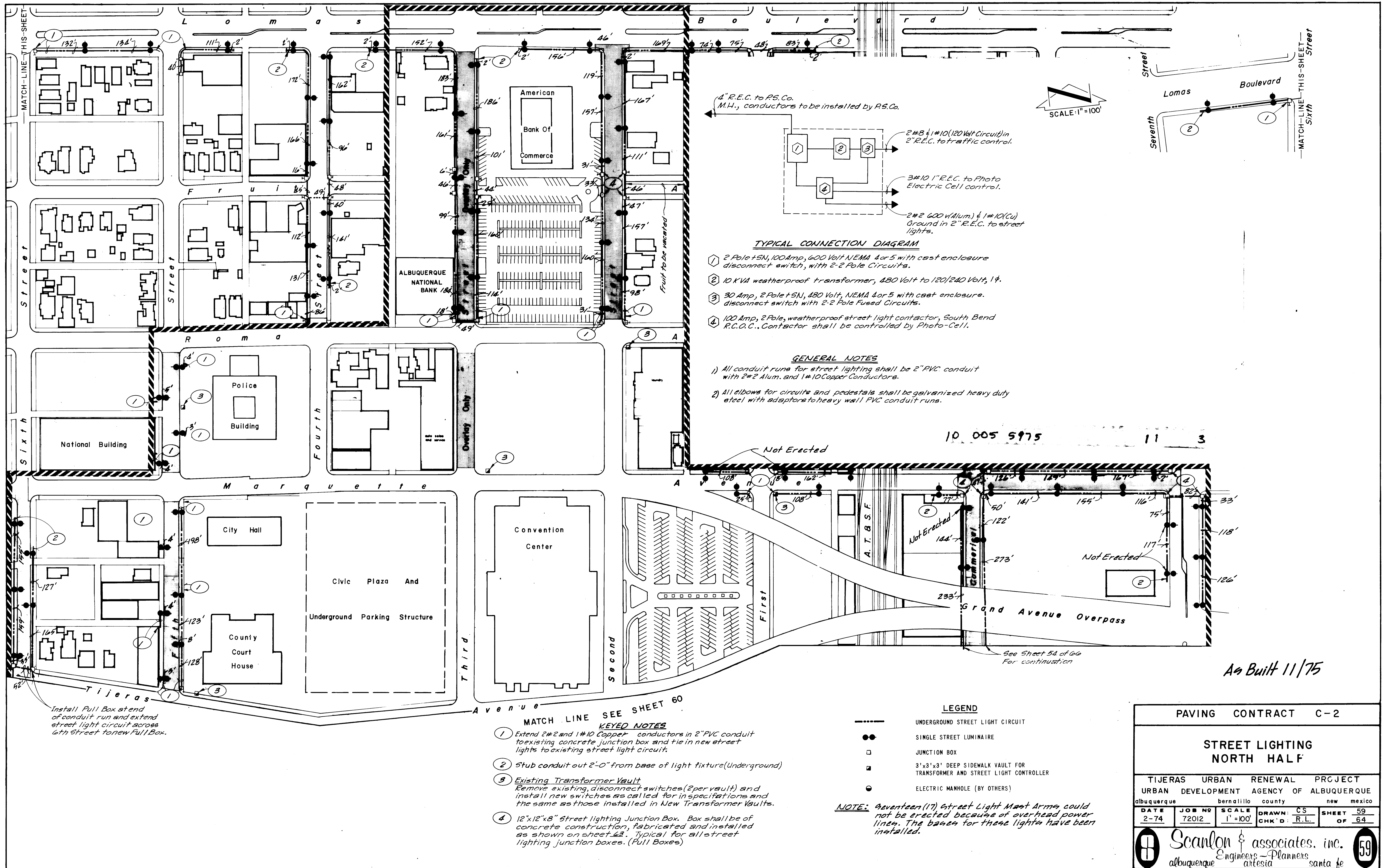
As Built 11/75

PAVING CONTRACT C-2

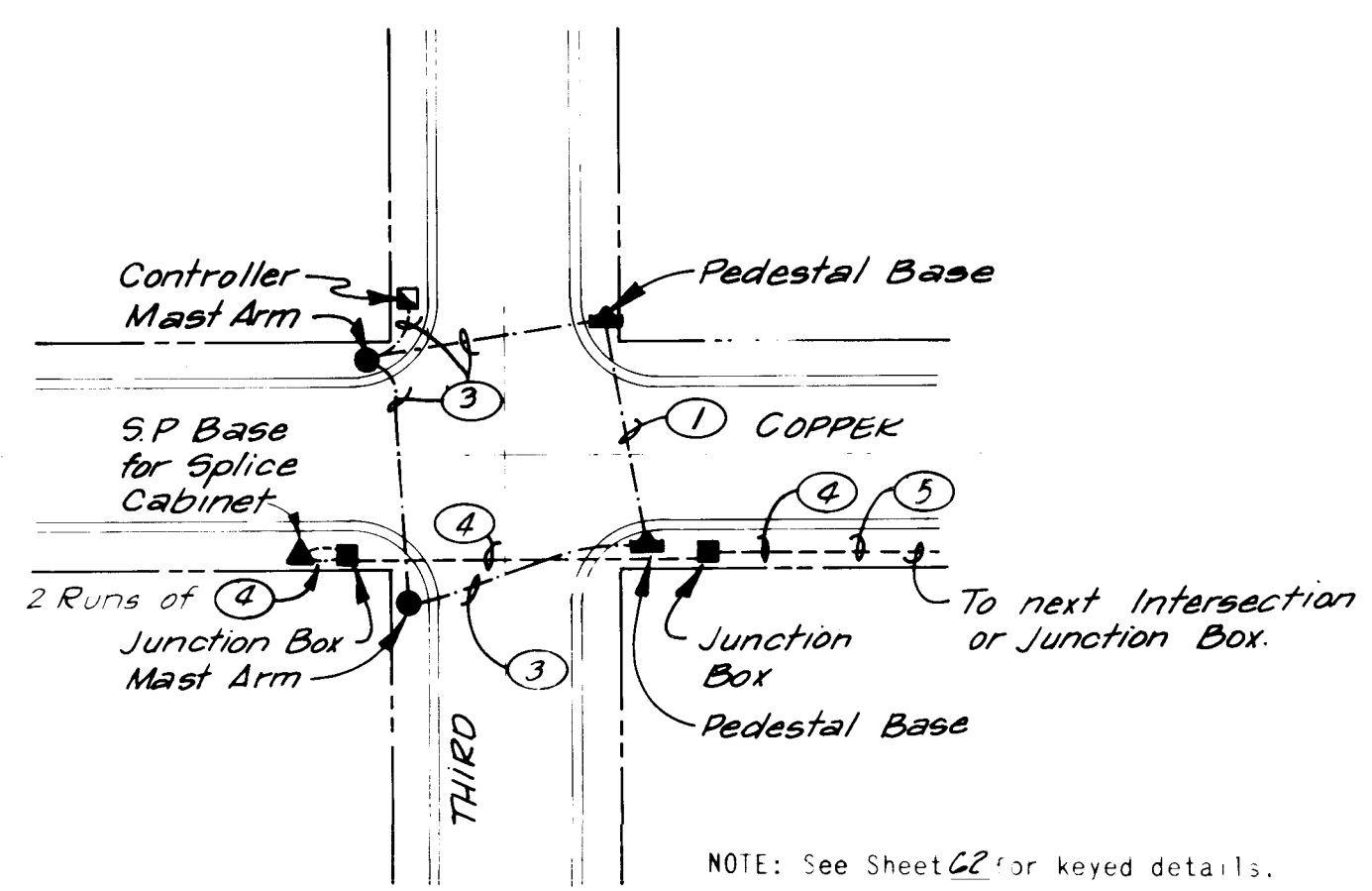
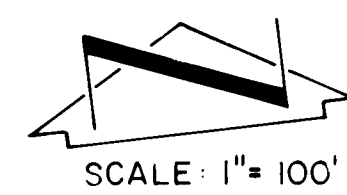
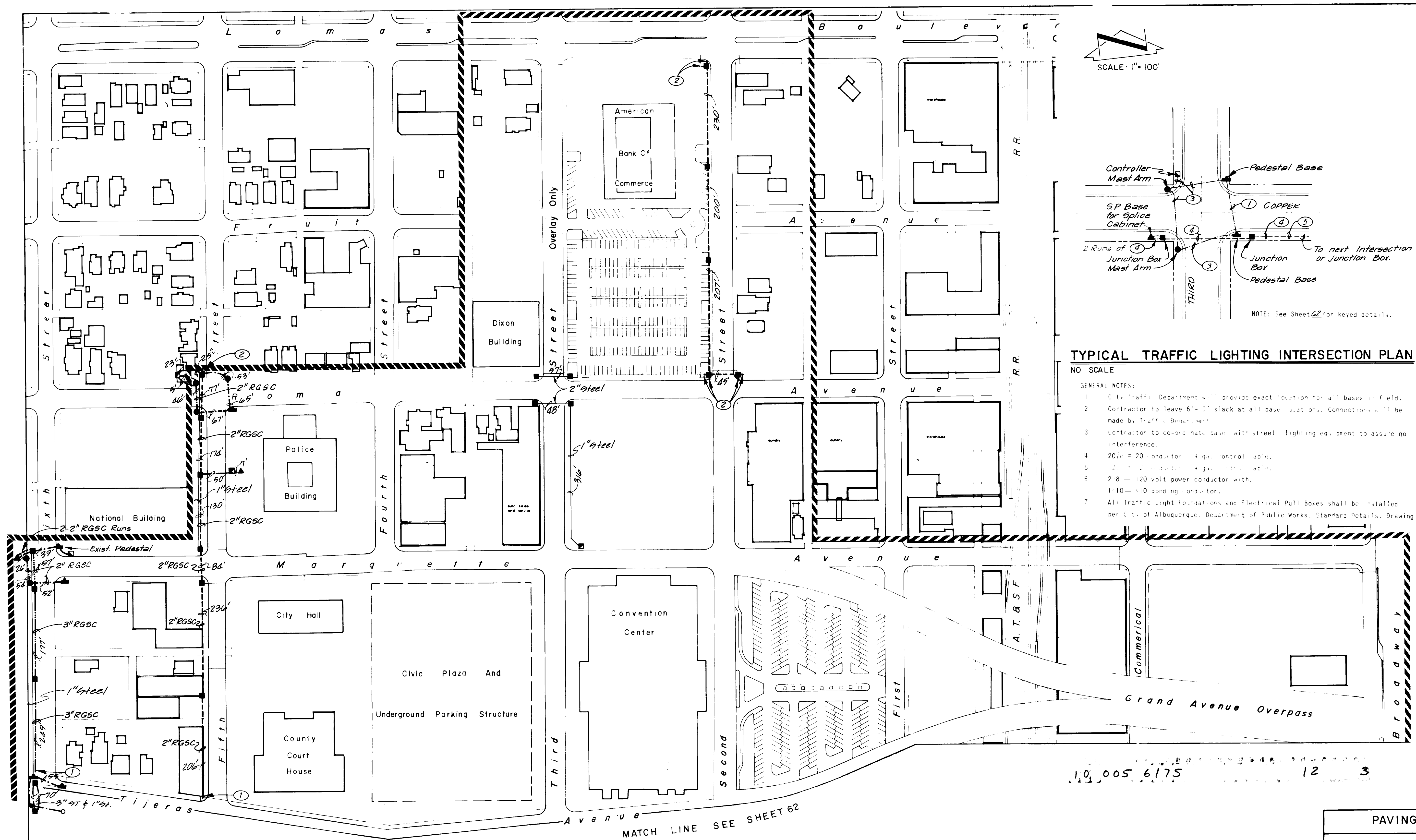
MISCELLANEOUS DETAILS

PROJECT NO. N.M. R-10	PROJECT
TIJERAS URBAN RENEWAL PROJECT	
URBAN DEVELOPMENT AGENCY OF ALBUQUERQUE	
albuquerque bernalillo county new mexico	
DATE 2-74	JOB NO. 72012
SCALE AS SHOWN	DRAWN: C.S.
CHK'D: J.K.	SHEET 58 OF 64

Scanlon & associates, inc.
Engineers - Planners
albuquerque artesia santa fe



PAVING CONTRACT C-2				
STREET LIGHTING NORTH HALF				
TIJERAS URBAN RENEWAL PROJECT				
URBAN DEVELOPMENT AGENCY OF ALBUQUERQUE				
albuquerque	bernallillo	county	new	mexico
DATE	JOB NO	SCALE	DRAWN	SHEET
2-74	72012	1"=100'	CS	59
		CHK'D	R.L.	OF 64
Scanlon & associates, inc.				59
albuquerque Engineers-Planners				santa fe

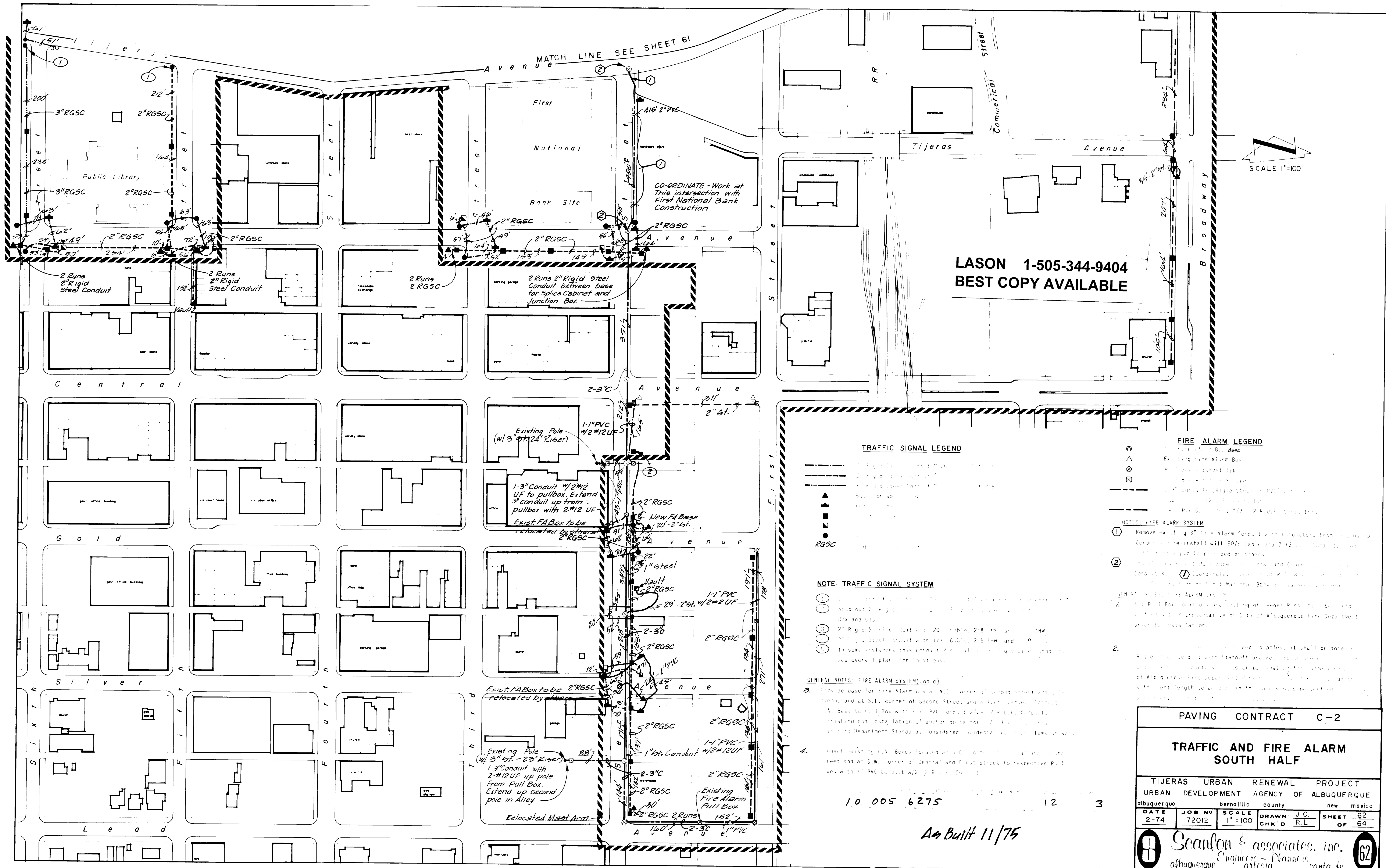


TYPICAL TRAFFIC LIGHTING INTERSECTION PLAN

- NO SCALE
- GENERAL NOTES:
1. City Traffic Department will provide exact location for all bases in field.
 2. Contractor to leave 6" - 3" slack at all base locations. Connections will be made by Traffic Department.
 3. Contractor to coordinate bases with street lighting equipment to assure no interference.
 4. 20/c = 20 conductor 14 gauge control cable.
 5. 2/c = 2 conductor 14 gauge control cable.
 6. 2-8 = 120 volt power conductor with 1-10 = 10 bonding conductor.
 7. All Traffic Light Foundations and Electrical Pull Boxes shall be installed per City of Albuquerque, Department of Public Works, Standard Details, Drawing #403.

10,005 6175 12 3 As Built 11/75

PAVING CONTRACT C-2					
TRAFFIC AND FIRE ALARM NORTH HALF					
TIJERAS URBAN RENEWAL PROJECT					
URBAN DEVELOPMENT AGENCY OF ALBUQUERQUE					
albuquerque	bernalillo	county	new	mexico	
DATE	JOB NO	SCALE	DRAWN	J.C.	SHEET
2-74	72012	1"=100'	CHK'D	FL	61
Seaton & associates, inc.					61
albuquerque Engineers - Planners					santa fe



LASON 1-505-344-9404
BEST COPY AVAILABLE

TRAFFIC SIGNAL LEGEND

- 1. 1\"/>

NOTE: TRAFFIC SIGNAL SYSTEM

1. 1\"/>
2. 2\"/>
3. 2\"/>
4. 2\"/>
5. In some instances this conduit 2\"/>

GENERAL NOTES: FIRE ALARM SYSTEM (cont'd)

3. Provide base for Fire Alarm box at N.W. corner of Second Street and Silver Street, and at S.E. corner of Second Street and Silver Street. (Consult A.A. Base to Pull Box with 1\"/>
4. Connect existing A.A. Boxes located at S.E. corner of Central and Silver Street and at S.W. corner of Central and First Street to respective Pull Boxes with 1\"/>

FIRE ALARM LEGEND

- 1. 1\"/>
- 2. 2\"/>
- 3. 3\"/>
- 4. 4\"/>
- 5. 5\"/>
- 6. 6\"/>
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- 100. 100\"/>

NOTES: FIRE ALARM SYSTEM

1. Remove existing 3\"/>
2. Install new 3\"/>
3. Install new 3\"/>
4. All Pull Box location and routing of Fire Alarm Run shall be done in accordance with the specifications of the City of Albuquerque Fire Department and shall be subject to the approval of the City of Albuquerque Fire Department.
5. The Fire Alarm Run shall be installed in a trench 18\"/>
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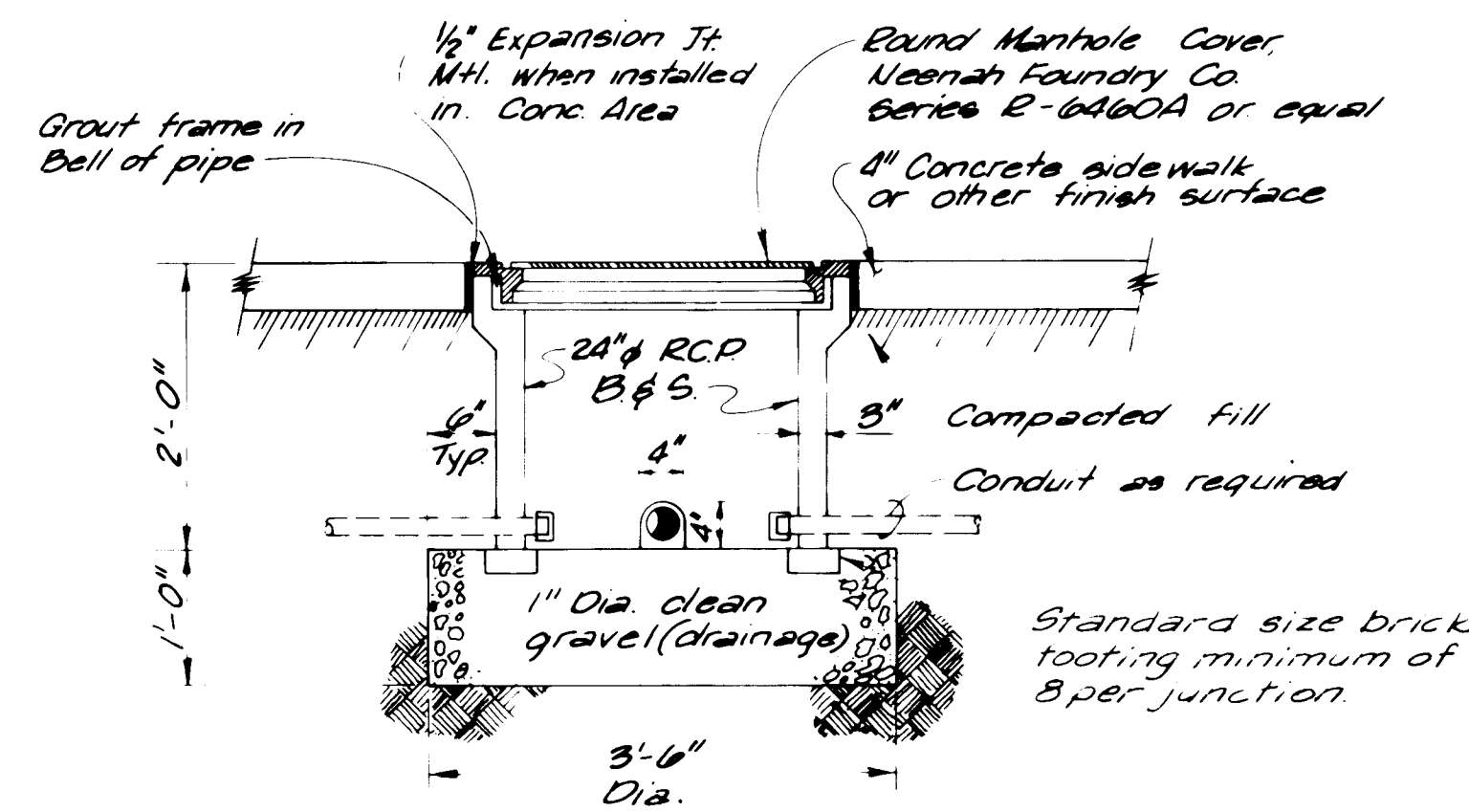
PAVING CONTRACT C-2

TRAFFIC AND FIRE ALARM
SOUTH HALF

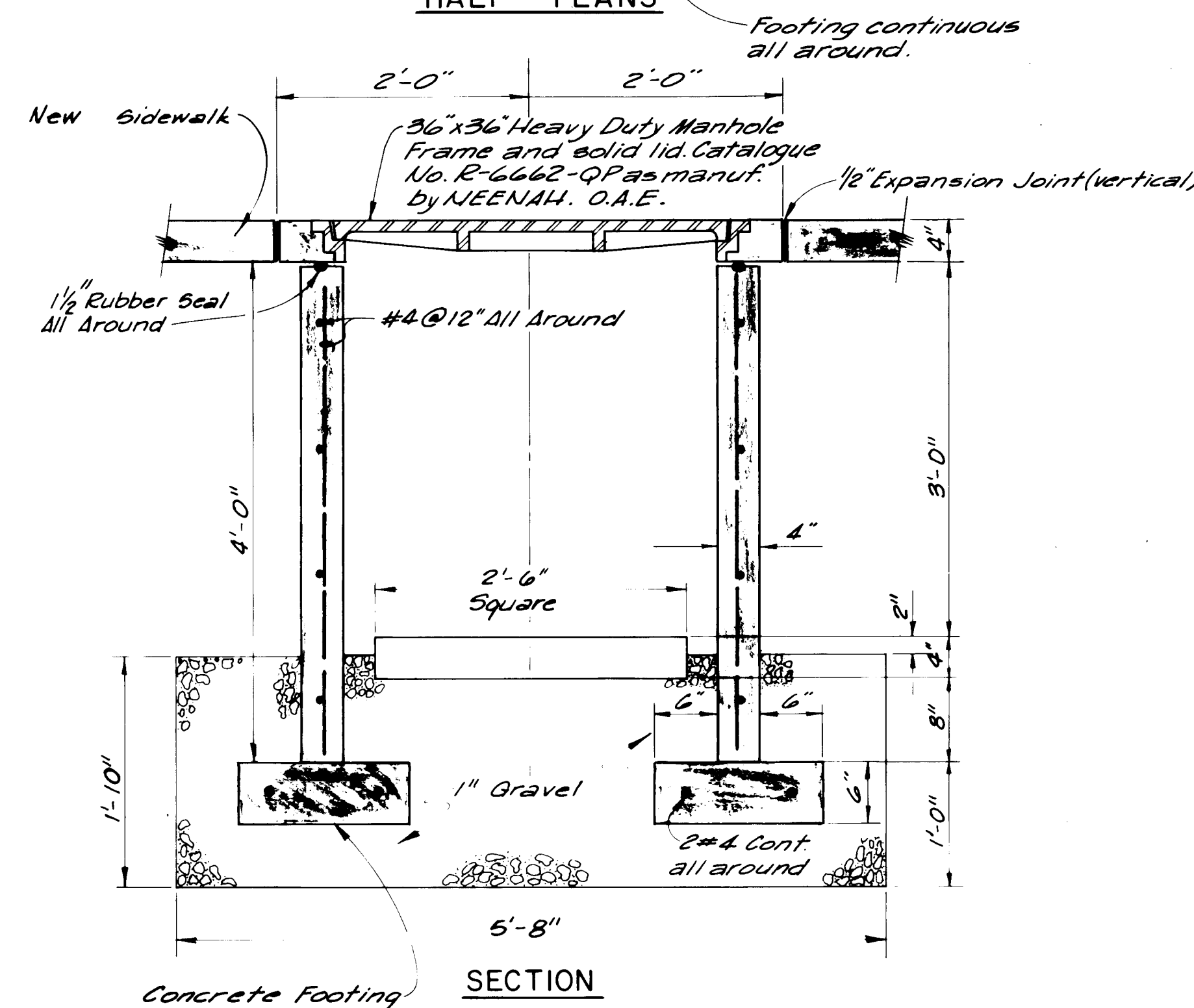
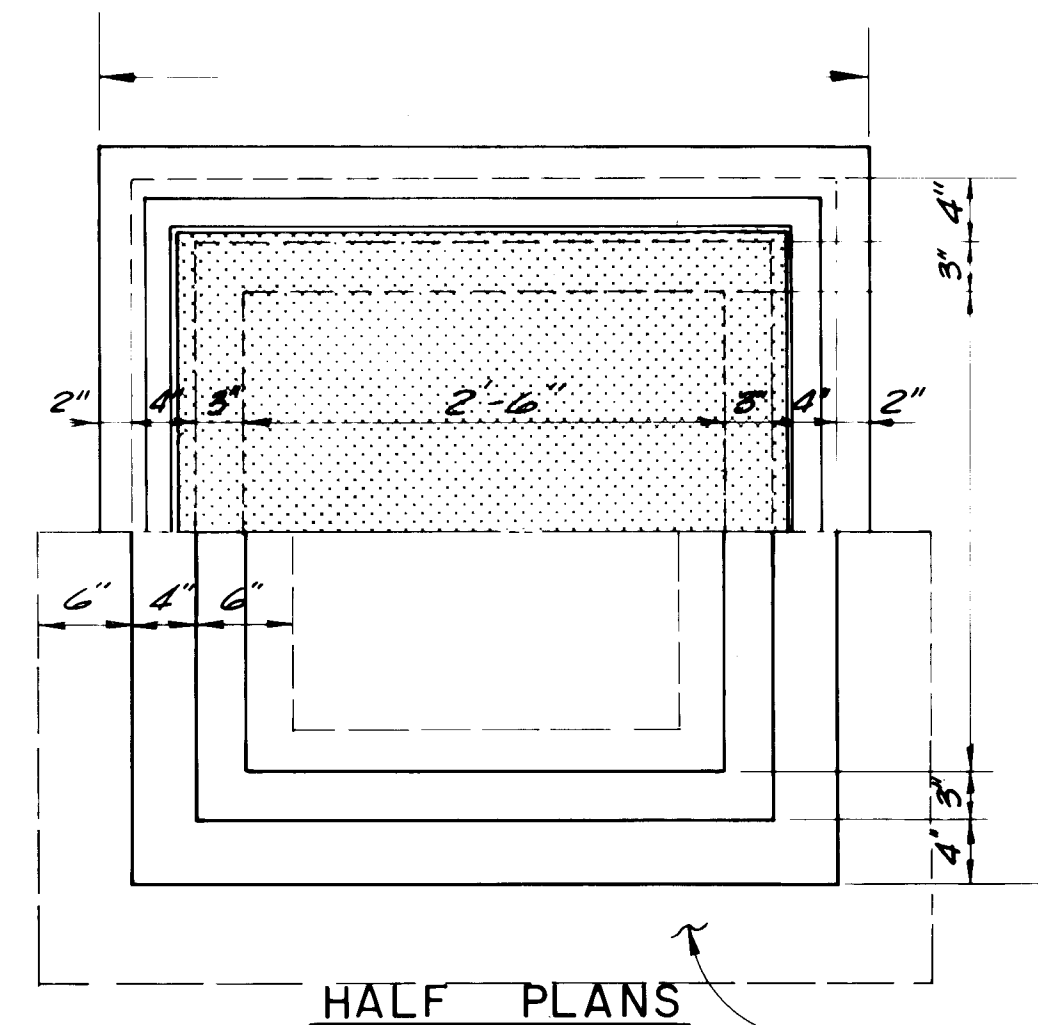
TIJERAS URBAN RENEWAL PROJECT			
URBAN DEVELOPMENT AGENCY OF ALBUQUERQUE			
albuquerque	bernadillo	county	new mexico
DATE 2-74	JOB NO. 72012	SCALE 1"=100'	DRAWN J.C. R.L.
SHEET 62		OF 64	

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As Built 11/75

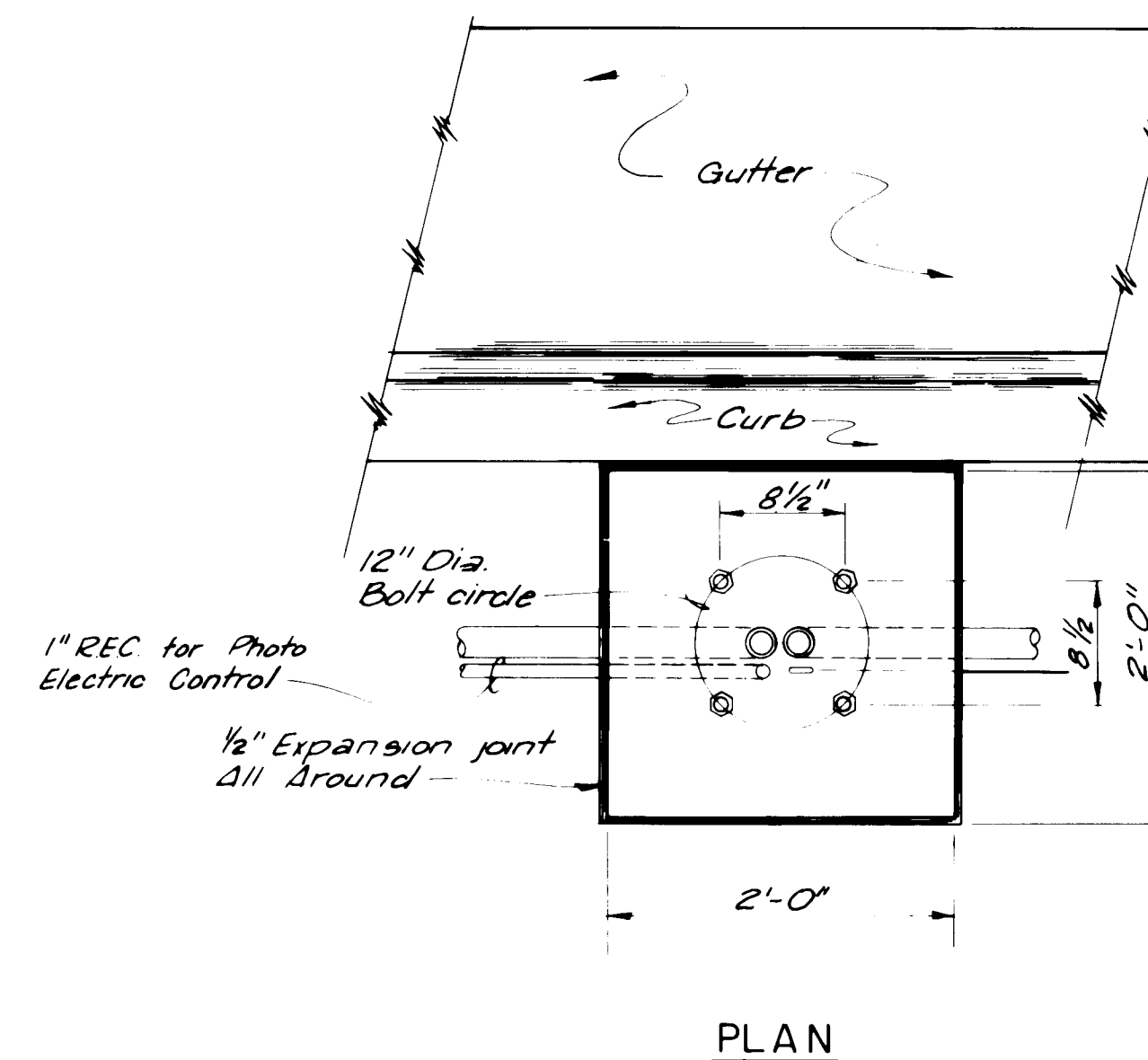


CONDUIT JUNCTION BOX DETAIL

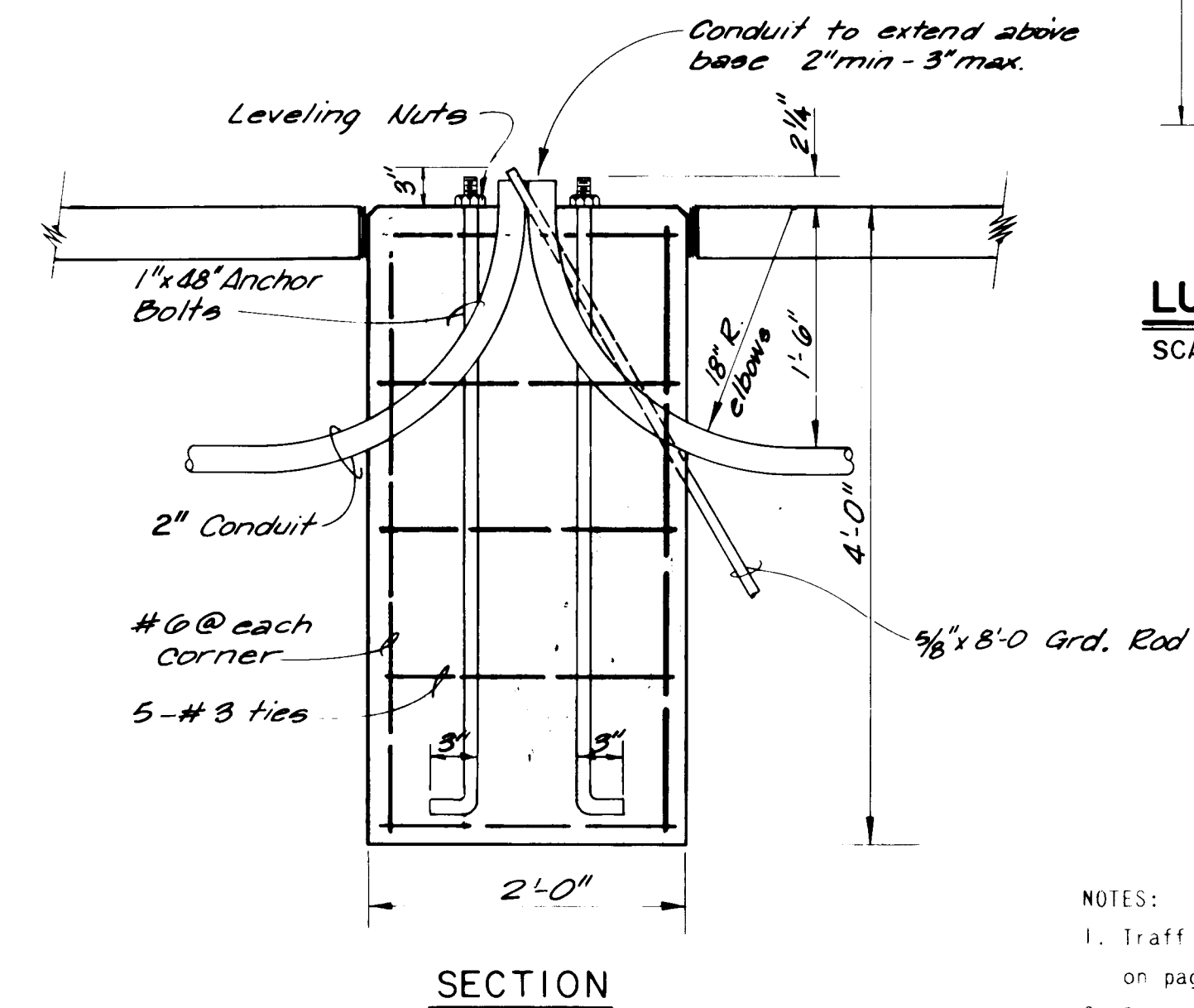


TRANSFORMER VAULT

SCALE: 1" = 1'-0"



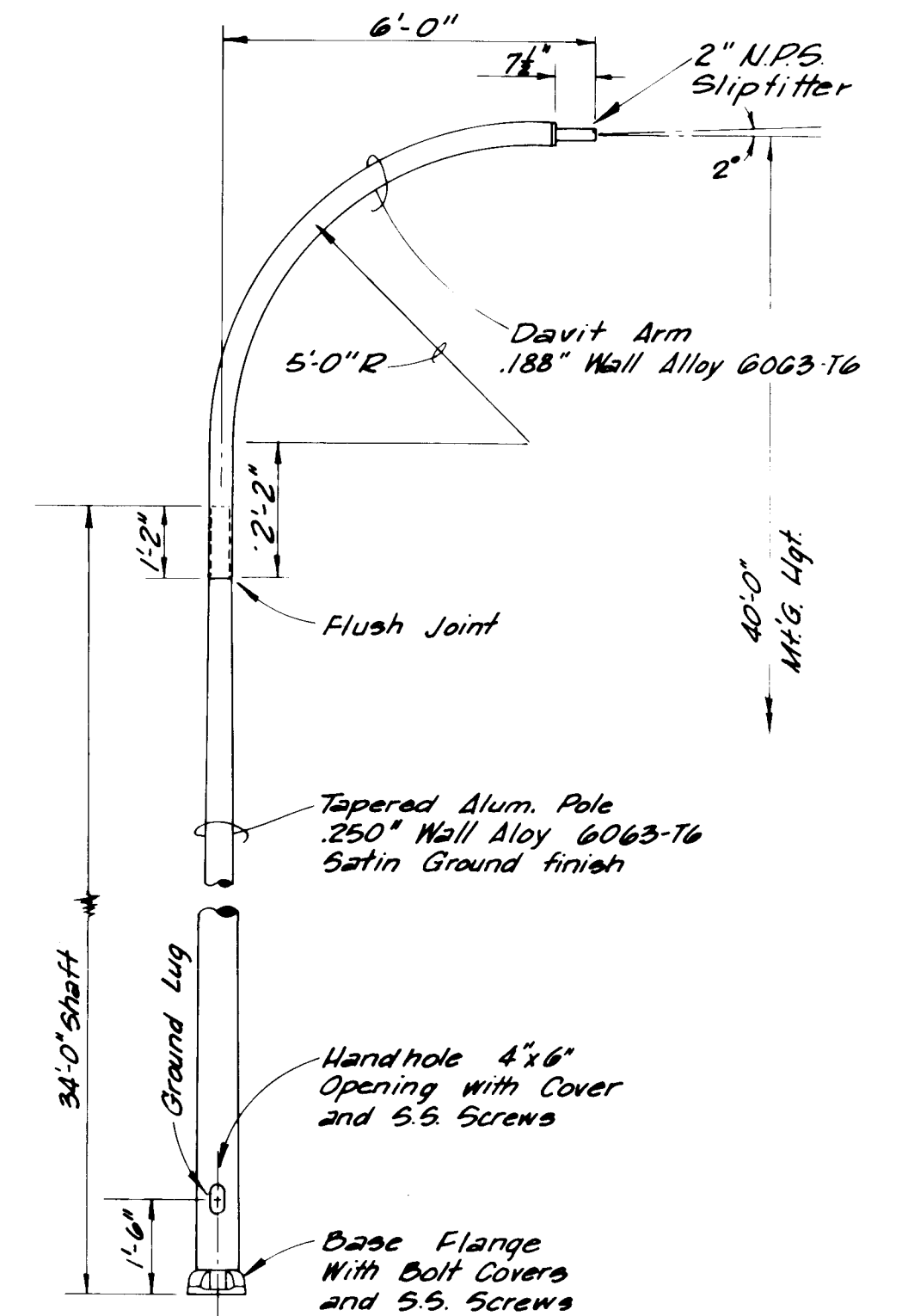
PLAN



SECTION

STREET LIGHT BASE

SCALE: 1" = 1'-0"



LUMINAIRE MOUNTING POLE

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

NOTES:

1. Traffic light foundations to be constructed as detailed on page 403 1974 City of Albuquerque Standard Specs.
2. Base for Splice Cabinet for Traffic Signal System, Bid Item No. 140 and base for Controller for Traffic Signal System, Bid Item No. 143 to be constructed as detailed on page 403 1974 City of Albuquerque Standard Specs. with the inclusion of a 5/8" diameter x 6' Copper Ground Rod. Ground Rod to protrude 4" above top surface of base. Conduit entering bases to be as detailed on Sheets 59-62.

As Built 11/75

PAVING CONTRACT C-2

ELECTRICAL DETAILS

PROJECT NO. N.M. R-10

TIJERAS URBAN RENEWAL PROJECT
URBAN DEVELOPMENT AGENCY OF ALBUQUERQUE
albuquerque bernalillo county new mexico

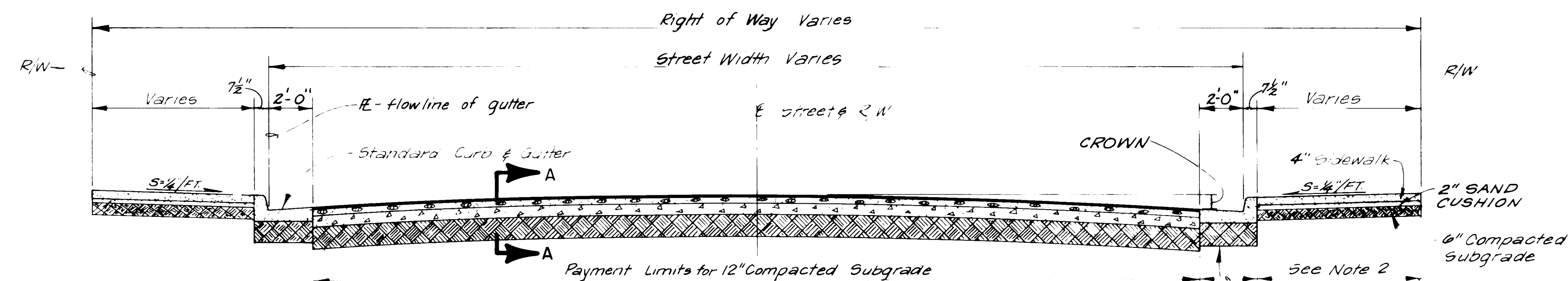
DATE 2-74	JOB NO. 72012	SCALE AS SHOWN	DRAWN BY O.R.	SHEET 63
			CHK'D BY C.C.	OF 64

Scanlon & associates, inc.
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10,005 6375

17

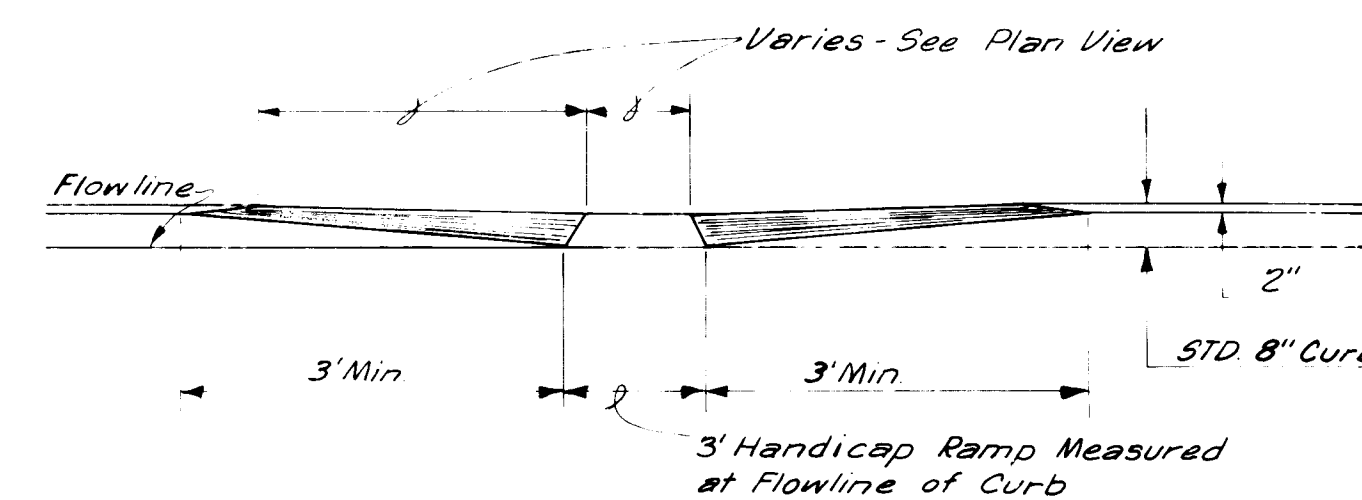
3



TYPICAL ARTERIAL STREET SECTION

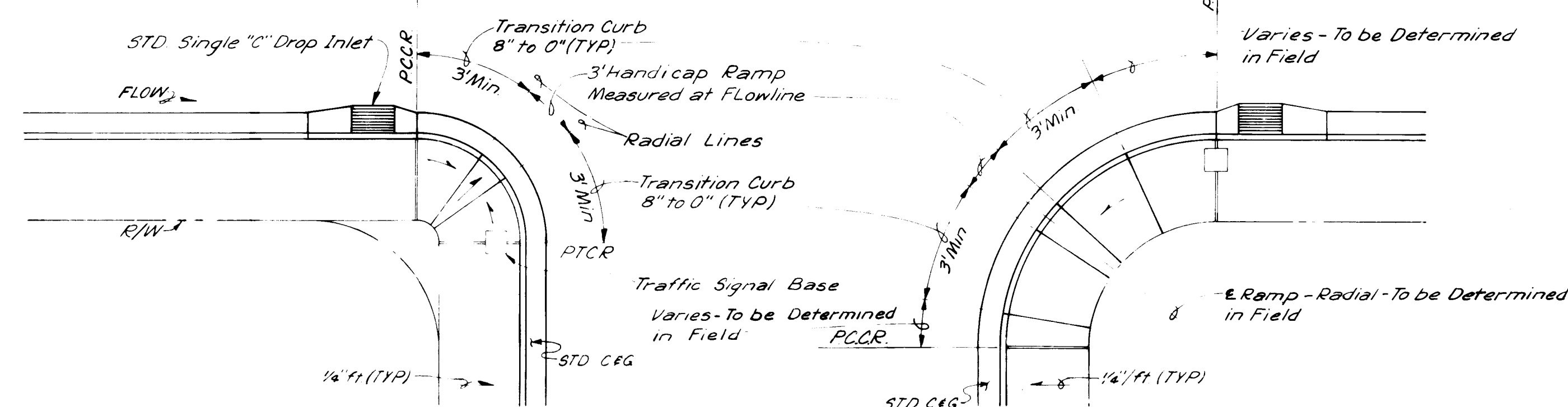
SCALE: 1/4" = 1'-0"

- NOTES:
1. Slope of Ramp shall be a maximum of 1 inch per foot.
 2. When there is a Drive cut within 10 feet of the PTCR or PCCR no Ramp shall be constructed.
 3. Ramp shall be Broom Finished.
 4. Exact Location and Number of Ramps to be constructed at each Intersection will be determined by the Field Engineer.
 5. All Dimensions shown are measured at Flowline of Curb.



ELEVATION

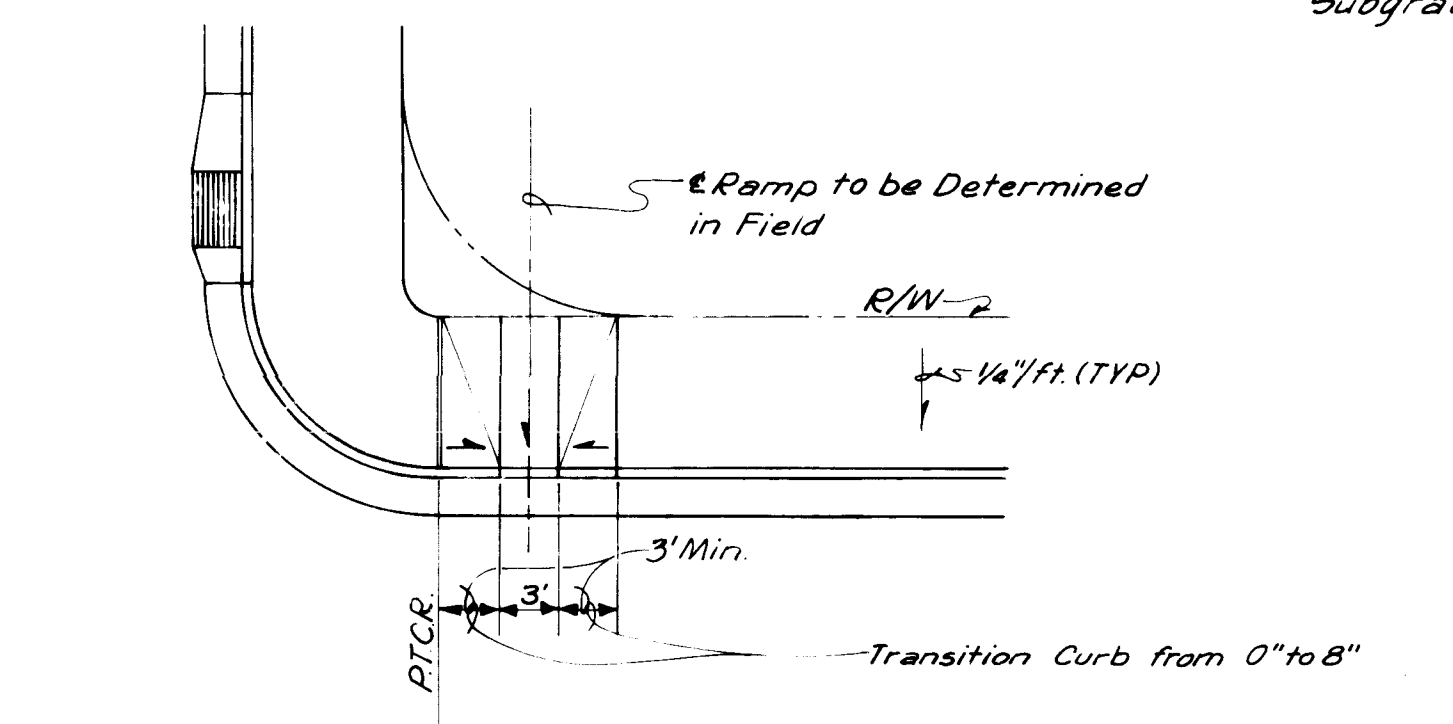
NOT TO SCALE



PLAN

RAMP LOCATED IN SMALL RADIUS RETURN

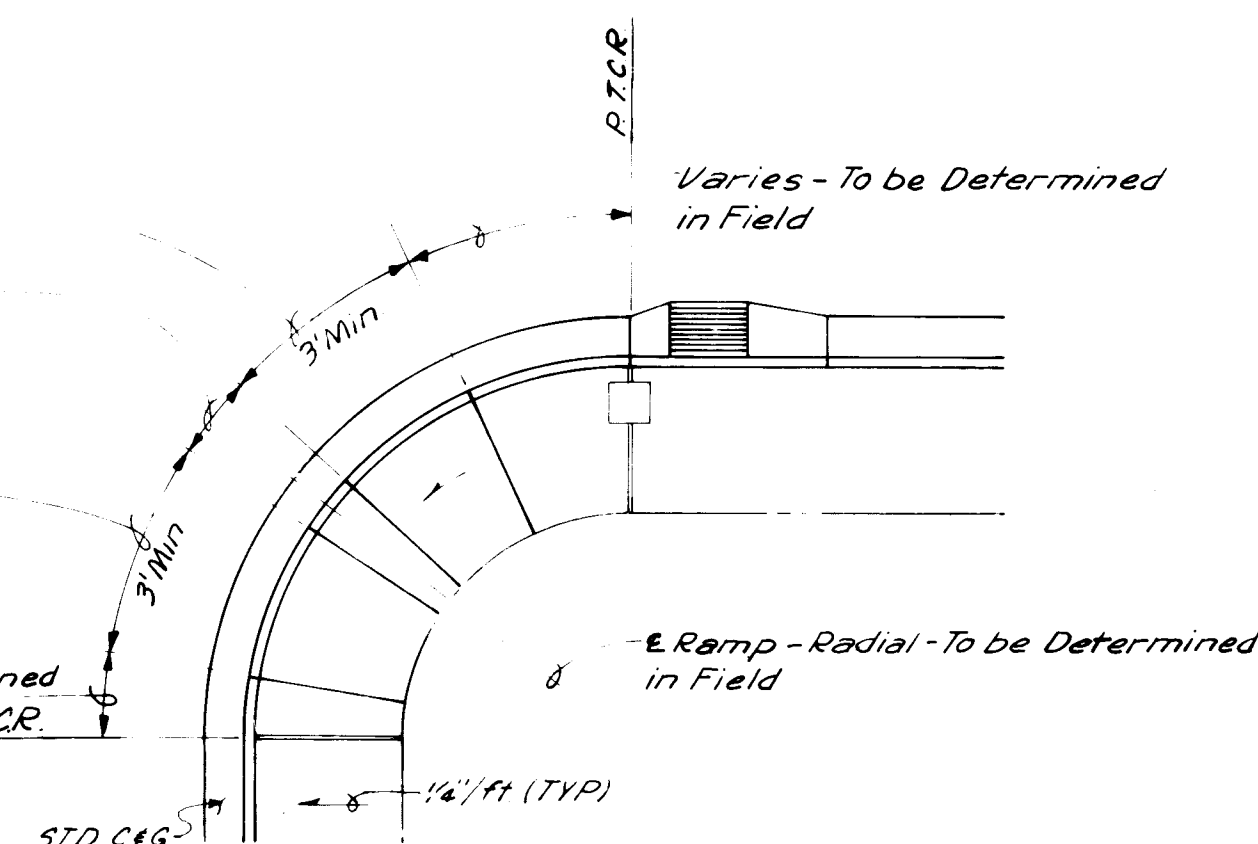
NOT TO SCALE



PLAN

RAMP LOCATED AWAY FROM CURB RETURN

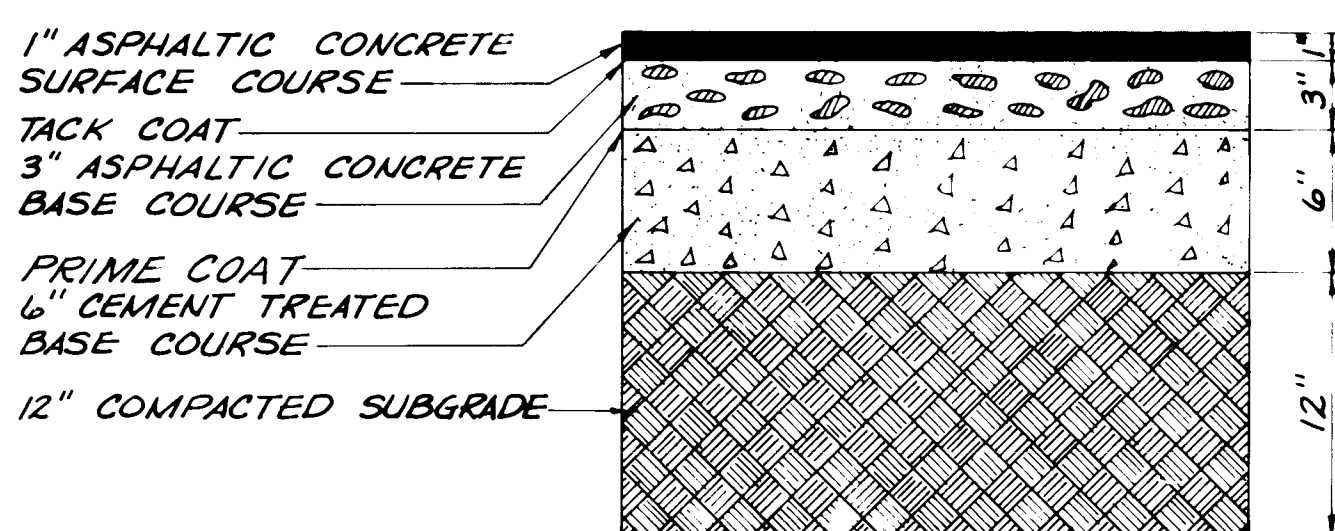
NOT TO SCALE



PLAN

RAMP LOCATED IN LARGE RADIUS RETURN

NOT TO SCALE



PAVING SECTION "A-A"

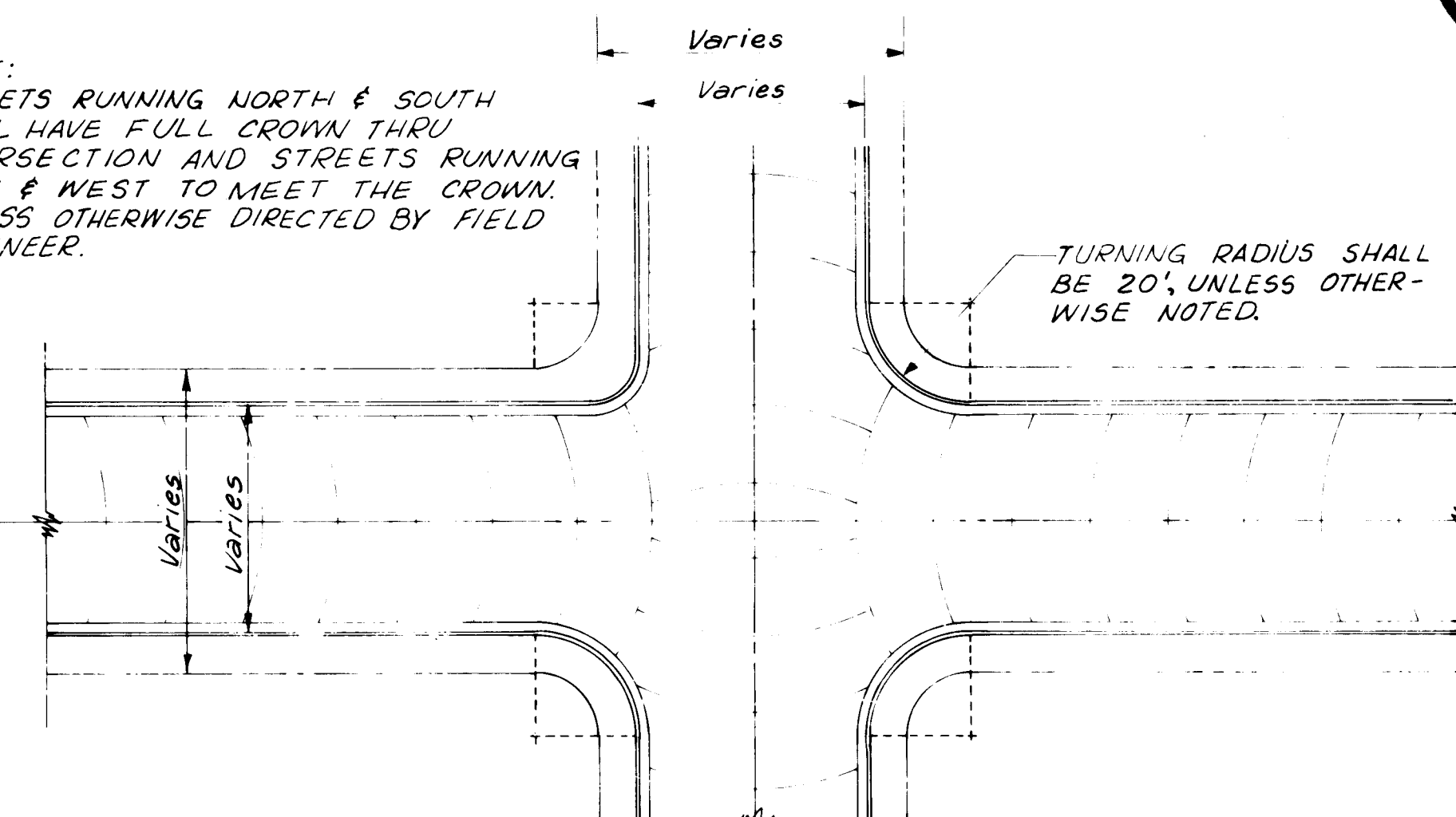
NOT TO SCALE

NOTES:

1. Payment for 12" Subgrade Preparation under Curb & Gutter, shall be included with Curb & Gutter bid items.
2. Payment for 6" Subgrade Preparation and 2" Sand Cushion under Sidewalk and Driveway shall be included with Sidewalk and Driveway bid items.

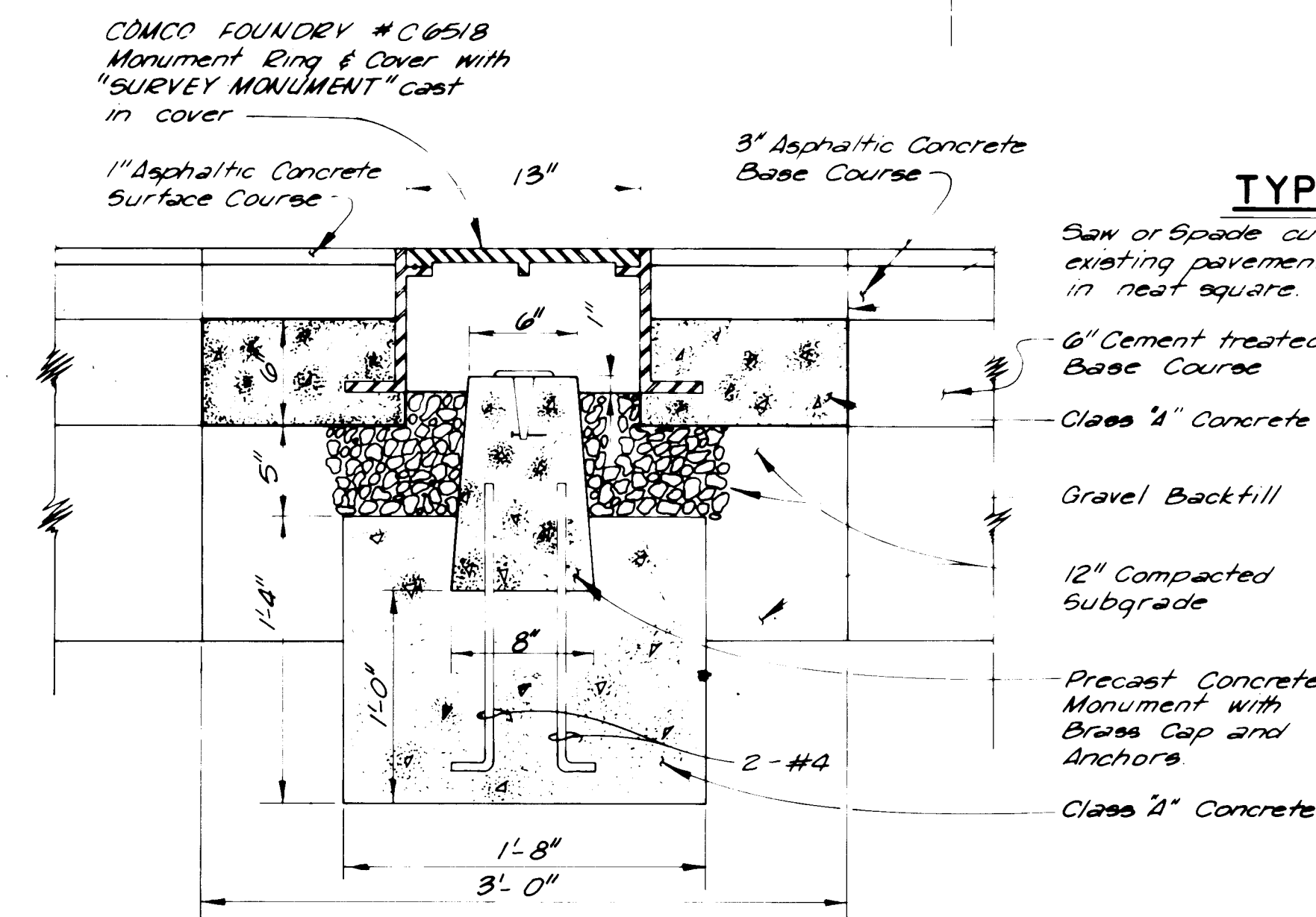
ROADWAY CROWN DATA	
STREET WIDTH	CROWN
36'	6"
40'	6"
44'	1"

NOTE:
STREETS RUNNING NORTH & SOUTH SHALL HAVE FULL CROWN THRU INTERSECTION AND STREETS RUNNING EAST & WEST TO MEET THE CROWN. UNLESS OTHERWISE DIRECTED BY FIELD ENGINEER.



TYPICAL STREET INTERSECTION

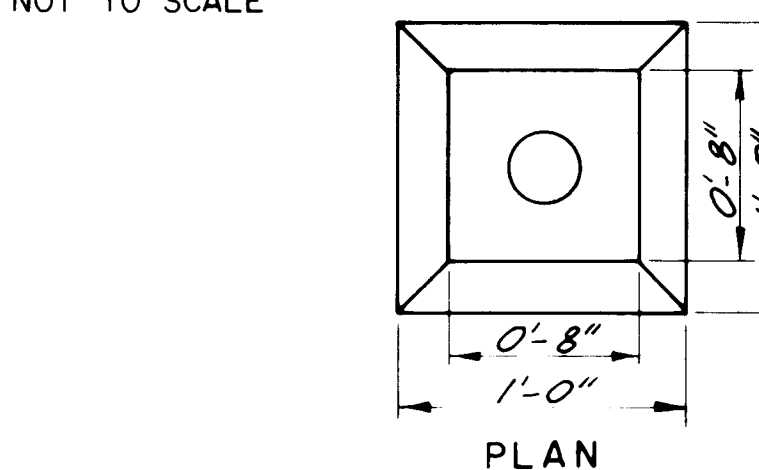
NOT TO SCALE



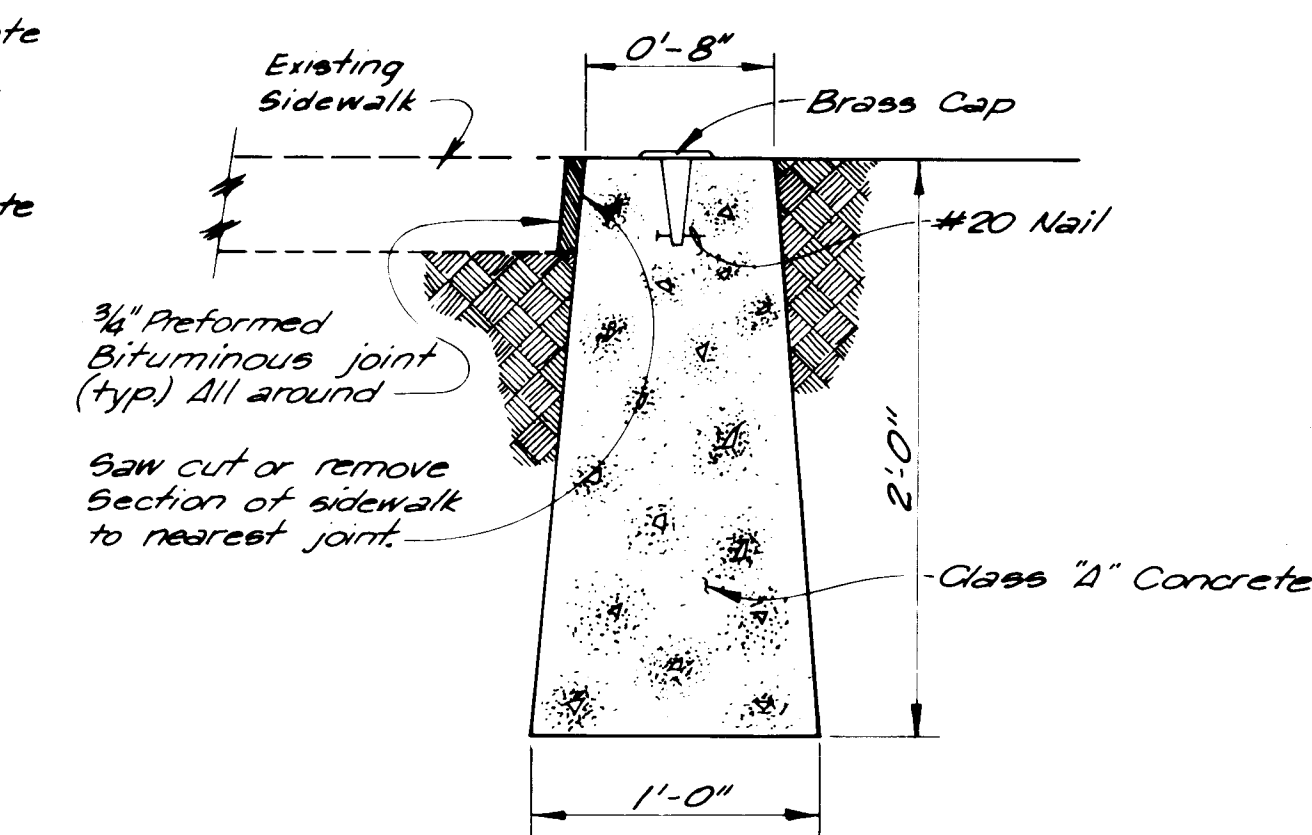
**ELEVATION
PAVEMENT MONUMENT**

NOTES:

1. Brass Cap to be furnished by the Engineer.
2. Monument locations Shown on sheet and as directed by the Engineer.
3. Top 12" of Sidewalk Monument must be formed.
4. Compact all backfill to 95% or maximum density.



PLAN

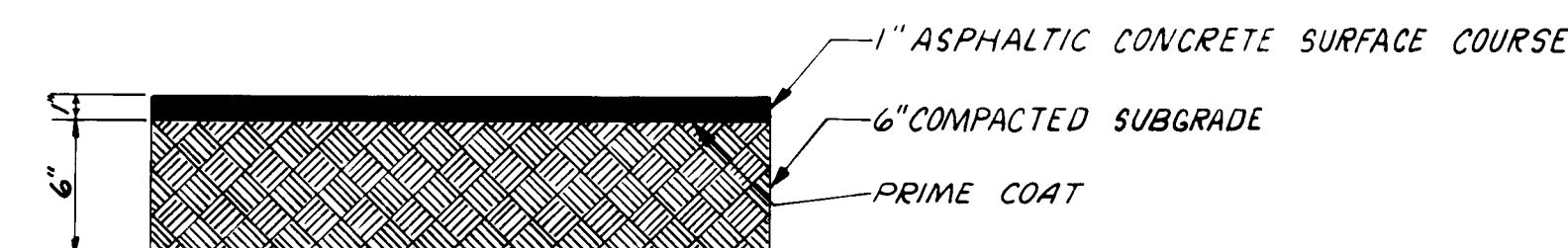


ELEVATION

SIDEWALK MONUMENT

SURVEY MONUMENT DETAILS

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



TEMPORARY PAVEMENT SECTION

PAVING CONTRACT C-2

STREET SECTIONS & DETAILS

PROJECT NO. NM R-10

TIJERAS URBAN RENEWAL PROJECT

URBAN DEVELOPMENT AGENCY OF ALBUQUERQUE

albuquerque bernalillo county new mexico

DATE	JOB NO	SCALE	DRAWN	CHECKED	SHEET
2-74	72012	AS SHOWN	O.R.	C.C.	64

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