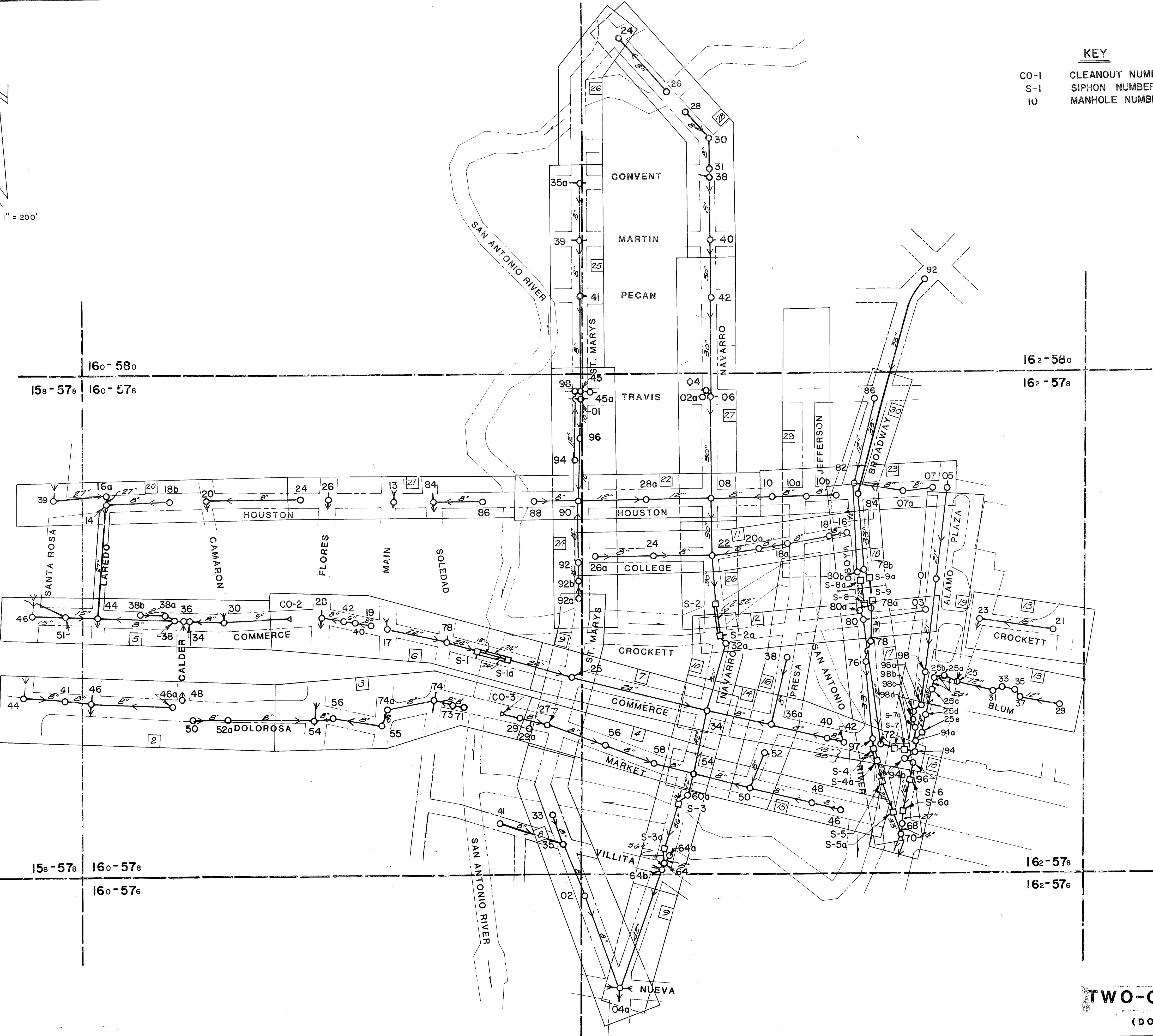


SCALE: 1" = 200'

KEY

- CO-1 CLEANOUT NUMBER
- S-1 SIPHON NUMBER
- 10 MANHOLE NUMBER



pd va  
group

Designed by J.B.  
Drawn by J.B.  
Checked by J.B.  
Scale: 1" = 200'

San Antonio  
Wastewater  
Facilities  
Improvements

201 CATEGORY NO.5 DOWNTOWN PROJECT  
MANHOLE AND MAINLINE REHABILITATION  
"PLAN OF RECORD"

TWO-O-ONE CAT 5 SP-37  
(DOWNTOWN MAIN REHAB)

SHEET  
OF 31



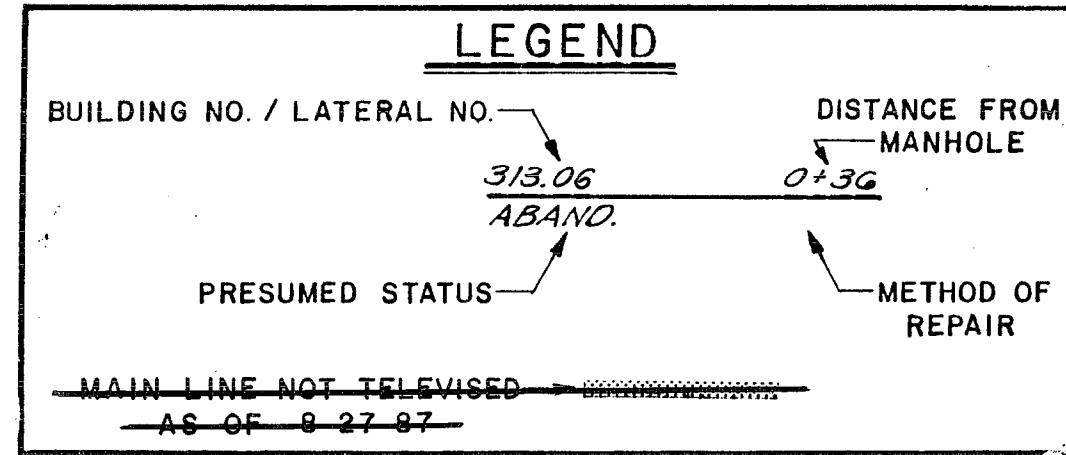
5202754



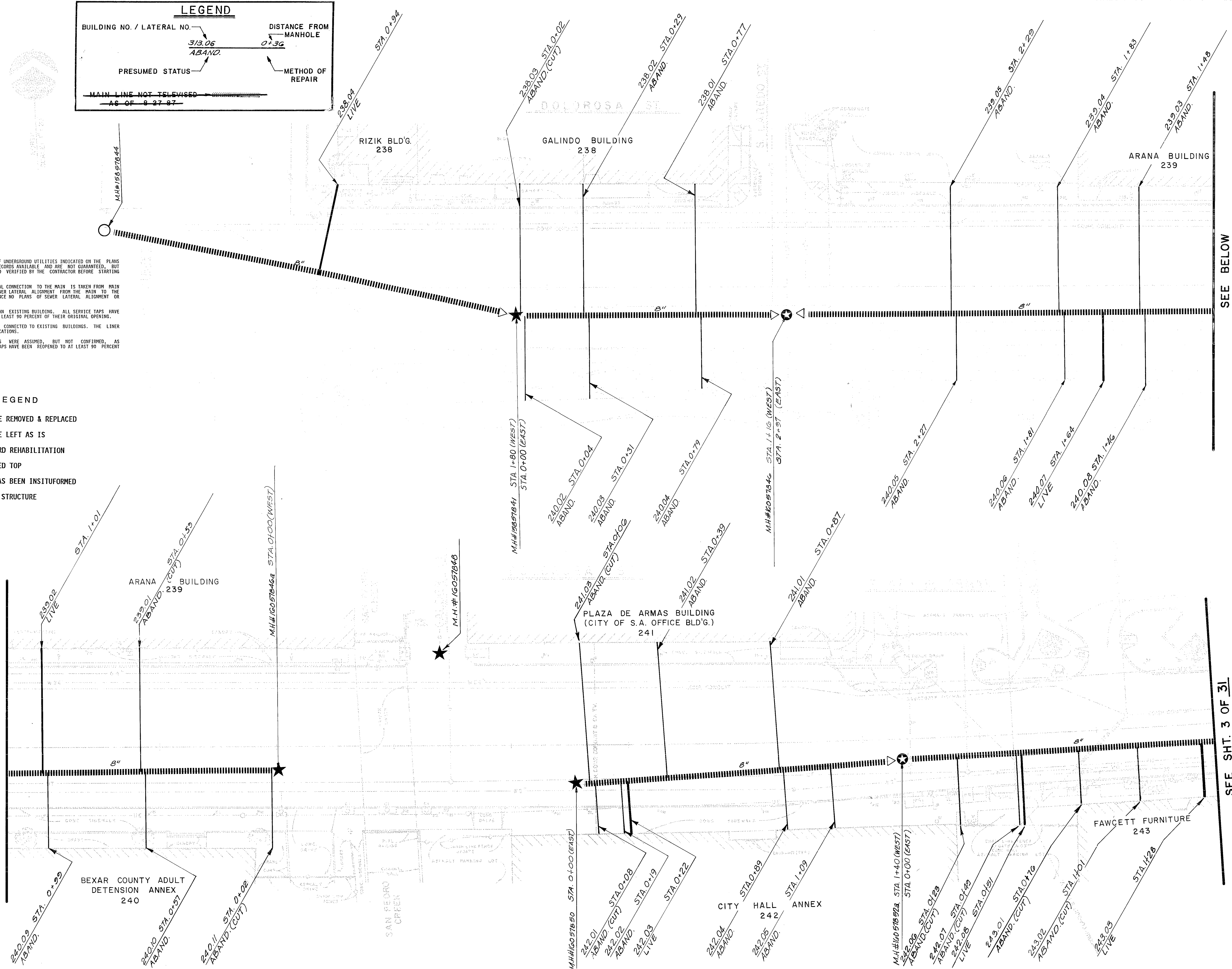
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LEGEND

- ★ MANHOLE REMOVED & REPLACED
- MANHOLE LEFT AS IS
- ☆ STANDARD REHABILITATION
- MODIFIED TOP
- ||||| LINE HAS BEEN INSITUFORMED
- SIPHON STRUCTURE



SEE ABOVE



SEE BELOW

SEE SHT. 3 OF 31

Drawing No.

ed va  
group

Date: FEB, 1988  
Designed by: J.B.  
Drawn by: J.M.F.R.H.  
Checked by: J.B.  
Scale: 1"=20'

WATERWORKS  
REPAIRS  
IMPROVEMENTS

SA  
ANTONIO

201 CATEGORY NO.5 DOWNTOWN PROJECT  
MANHOLE AND MAINLINE REHABILITATION  
"PLAN OF RECORD"

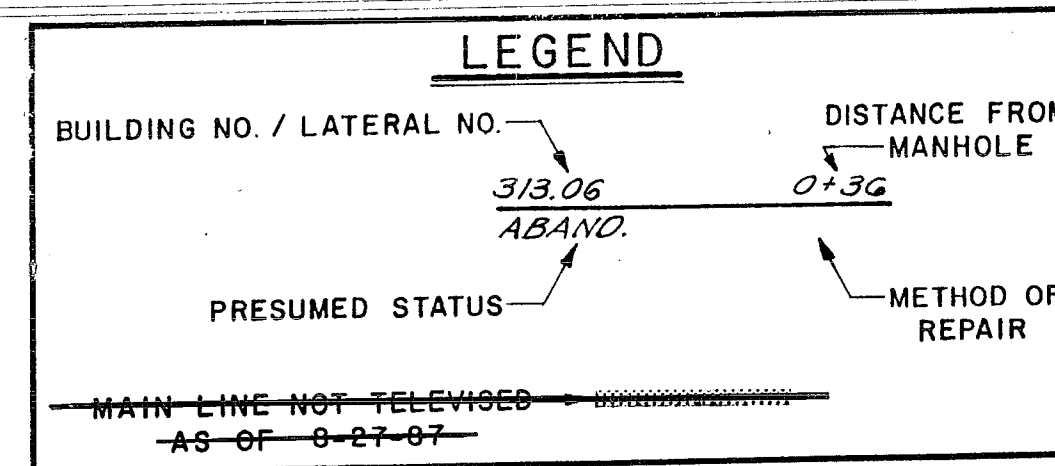
SHEET 2  
OF 31



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CITY OF SAN ANTONIO  
CITY HALL  
116

SAN FERNANDO CATHEDRAL  
249



SEE SHT. 2 OF 31

SEE BELOW

pd va  
group

Date: FEB., 1988  
Designed by: J.B.  
Drawn by: J.M. & R.H.  
Checked by: J.B.  
Scale: 1" = 20'

WATERWORKS  
FACILITIES  
IMPROVEMENT

San Antonio

201 CATEGORY NO.5 DOWNTOWN PROJECT  
MANHOLE AND MAINLINE REHABILITATION  
"PLAN OF RECORD"

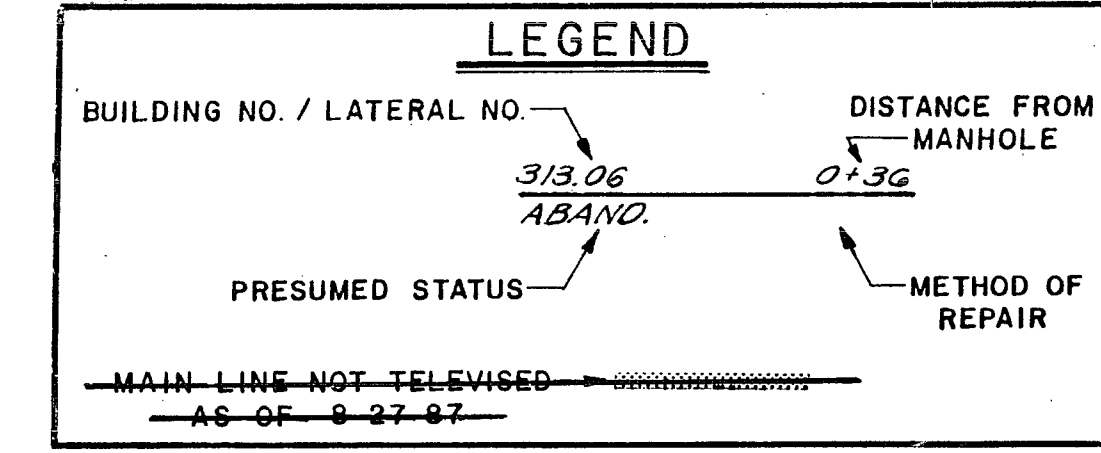
SHEET 3  
OF 31

- LEGEND**
- ★ MANHOLE REMOVED & REPLACED
  - MANHOLE LEFT AS IS
  - STANDARD REHABILITATION
  - MODIFIED TOP
  - ||||| LINE HAS BEEN INSITUFORMED
  - SIPHON STRUCTURE

SEE SHT. 4 OF 31



5202756



group  
pilot

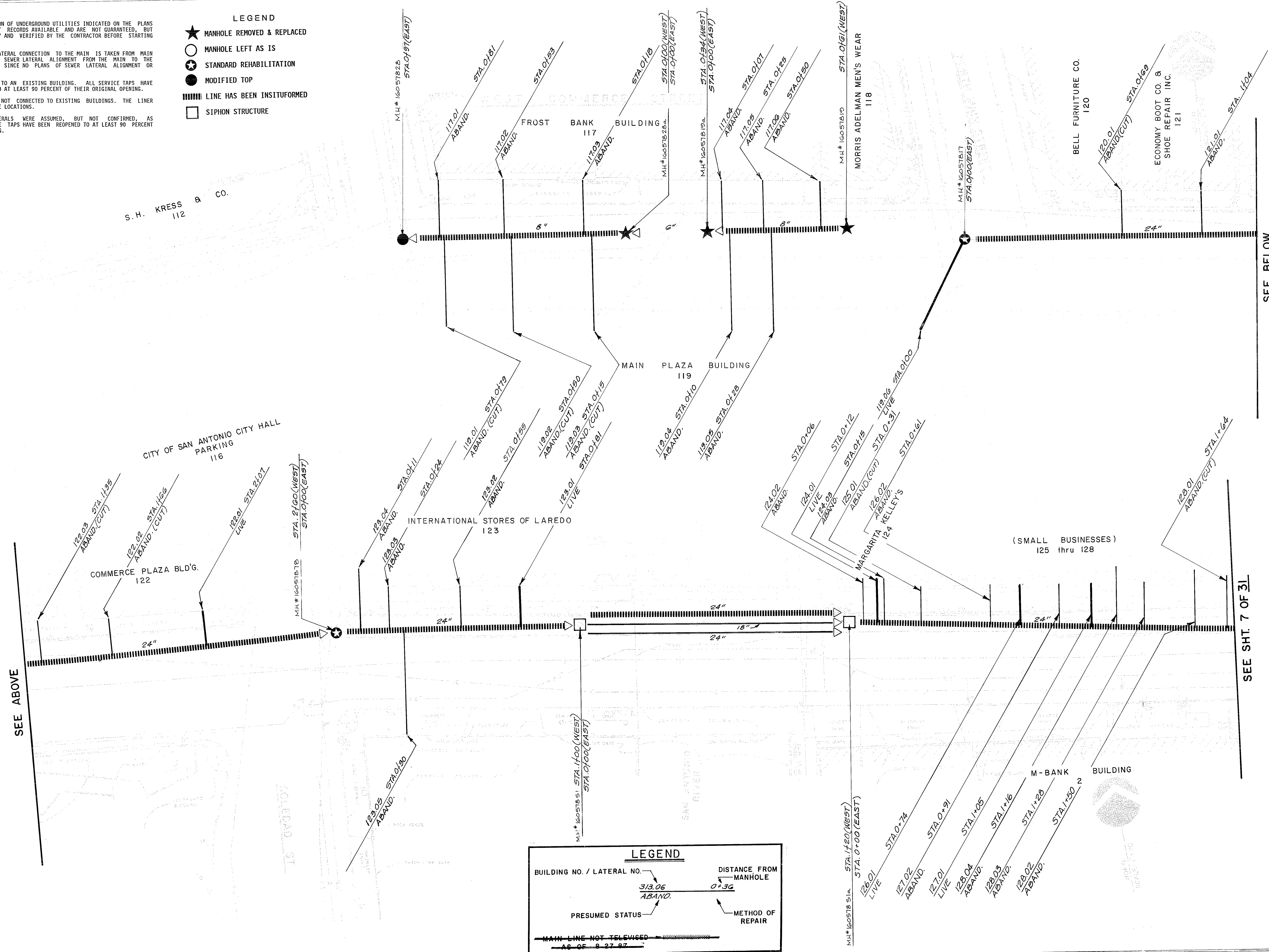






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  - MANHOLE LEFT AS IS
  - ★ STANDARD REHABILITATION
  - MODIFIED TOP
  - ||||| LINE HAS BEEN INSITUFORMED
  - SIPHON STRUCTURE



LEGEND

BUILDING NO. / LATERAL NO. → 313.06 → 0+36 → DISTANCE FROM MANHOLE

→ 313.06 → 0+36 → METHOD OF REPAIR

PRESUMED STATUS → MAIN LINE NOT TELEVIEWED → AS OF 8-27-97

San Antonio Wastewater Facilities Improvement

201 CATEGORY NO.5 DOWNTOWN PROJECT  
MANHOLE AND MAINLINE REHABILITATION  
"PLAN OF RECORD"

DATE: FEB, 1998  
DESIGNED BY: JLB  
DRAWN BY: JMG/RAH  
CHECKED BY: JLB  
SCALE: 1/2"=20'

pdva Group

SHEET 6 OF 31

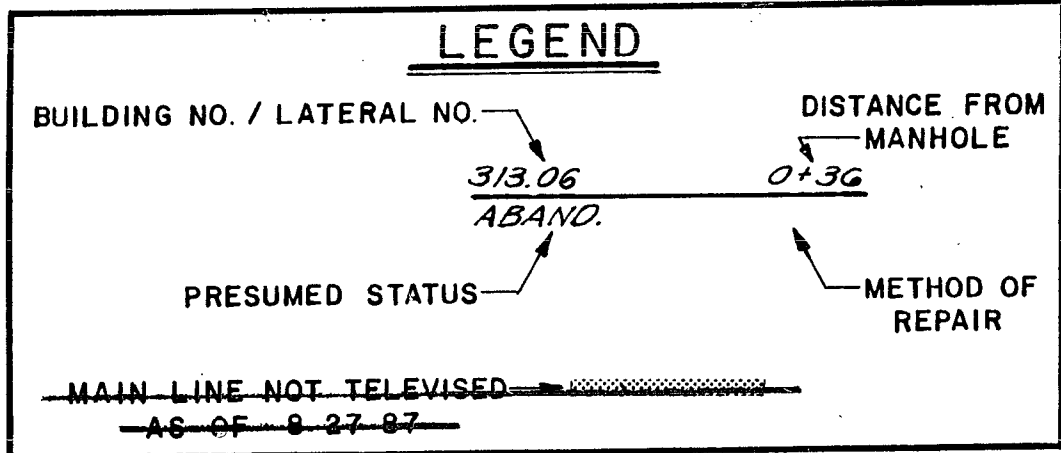
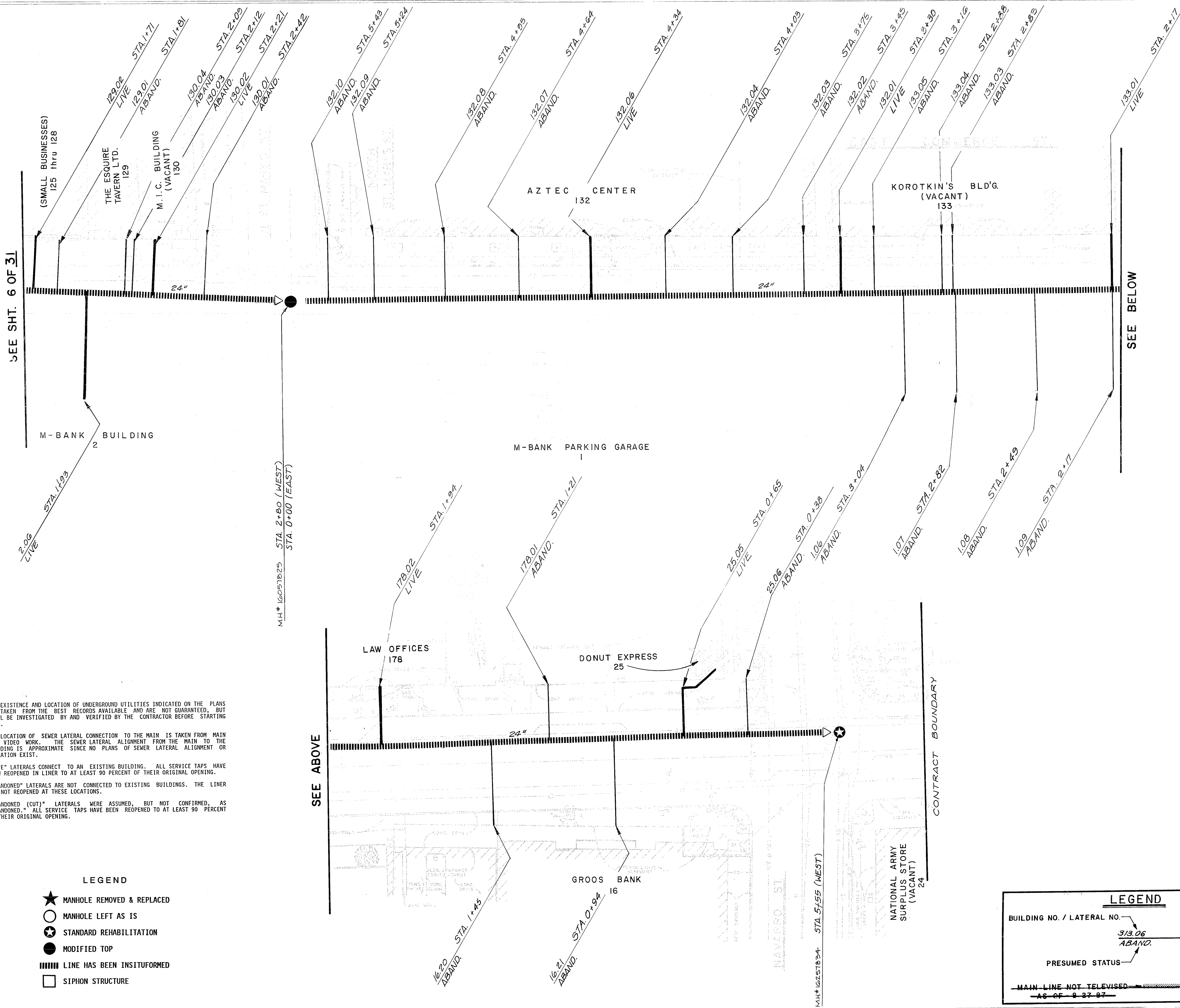


5202760

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#### LEGEND

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- MANHOLE LEFT AS IS
- ☆ STANDARD REHABILITATION
- MODIFIED TOP
- ||||| LINE HAS BEEN INSITUFORMED
- SIPHON STRUCTURE



## 201 CATEGORY NO.5 DOWNTOWN PROJECT MANHOLE AND MAINLINE REHABILITATION "PLAN OF RECORD"

SHEET 7  
OF 31

San Antonio  
Wastewater  
Utilities  
Improvements

Date: FEB, 1988  
Designed by: J.B.  
Drawn by: J.M. & R.H.  
Checked by: J.B.  
Scale: 1"=20'

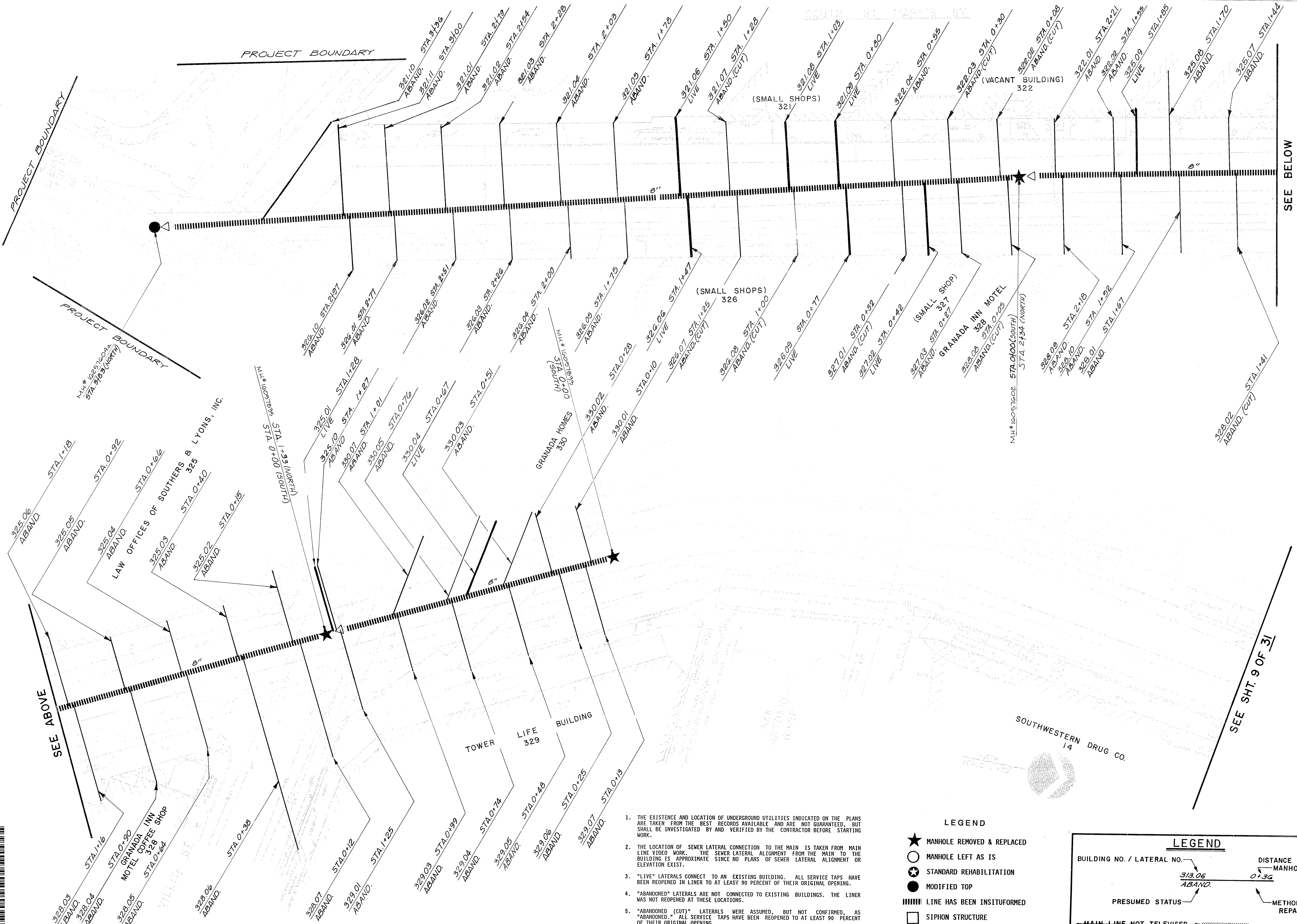
pd va  
group

Drawing 135





5202781

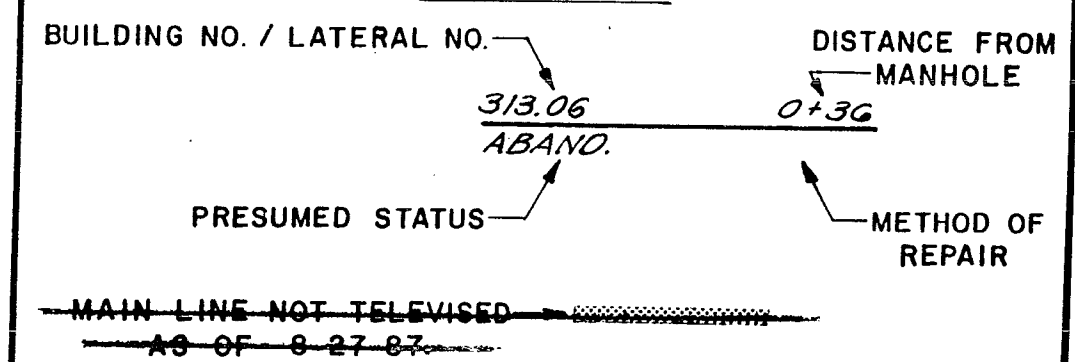


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#### LEGEND

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- MANHOLE LEFT AS IS
- STANDARD REHABILITATION
- MODIFIED TOP
- ||||| LINE HAS BEEN INSITUFORMED
- SIPHON STRUCTURE

#### LEGEND



### 201 CATEGORY NO.5 DOWNTOWN PROJECT MANHOLE AND MAINLINE REHABILITATION "PLAN OF RECORD"

SHEET 8  
OF 31

San Antonio  
Engineering  
Improvements

Date: FEB, 1988  
Designed by: VLB  
Drawn by: JLM/RLH  
Checked by: JLB  
Scale: 1"=20'

pd va  
group

Drawing 15

SEE SHT. 8 OF 31

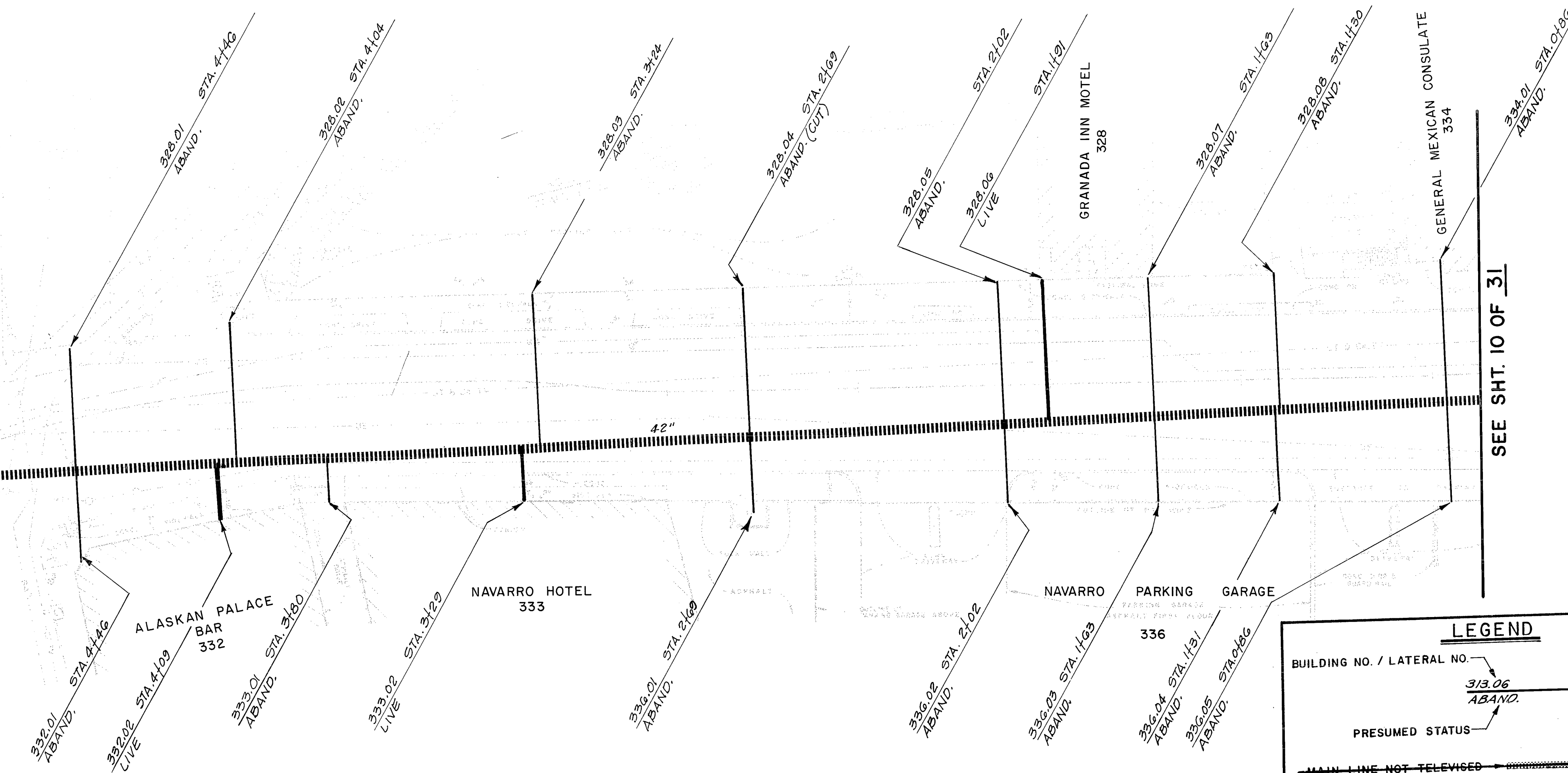
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- ☆ STANDARD REHABILITATION
- MODIFIED TOP
- ||||| LINE HAS BEEN INSITUFORMED
- SIPHON STRUCTURE

PROJECT BOUNDARY

MH# 102576042  
STA 4182 (NORTH)



SEE SHT. 10 OF 31

#### LEGEND

- BUILDING NO. / LATERAL NO. → 313.06  
DISTANCE FROM MANHOLE → 01.36  
PRESUMED STATUS → ABAND.  
METHOD OF REPAIR →
- MAIN LINE NOT TELEVIEWED  
AS OF 8-27-87

M-BANK BUILDING  
2

THE ESQUIRE  
TAVERN LTD.  
129

M.I.C. BUILDING  
130

AZTEC CENTER  
132

M-BANK PARKING GARAGE  
1

GRANADA INN MOTEL  
328

NAVARRO HOTEL  
333

NAVARRO PARKING GARAGE  
336

GENERAL MEXICAN CONSULATE  
334

334.01 STA 0186  
ABAND.

Drawing No.

pd va  
group

Date: FEB. 1988

Designed by: J.B.

Drawn by: J.M.F.R.H.

Checked by: J.B.

Scale: 1"=20'

Wastewater  
Runoffs  
Improvements

San  
Antonio

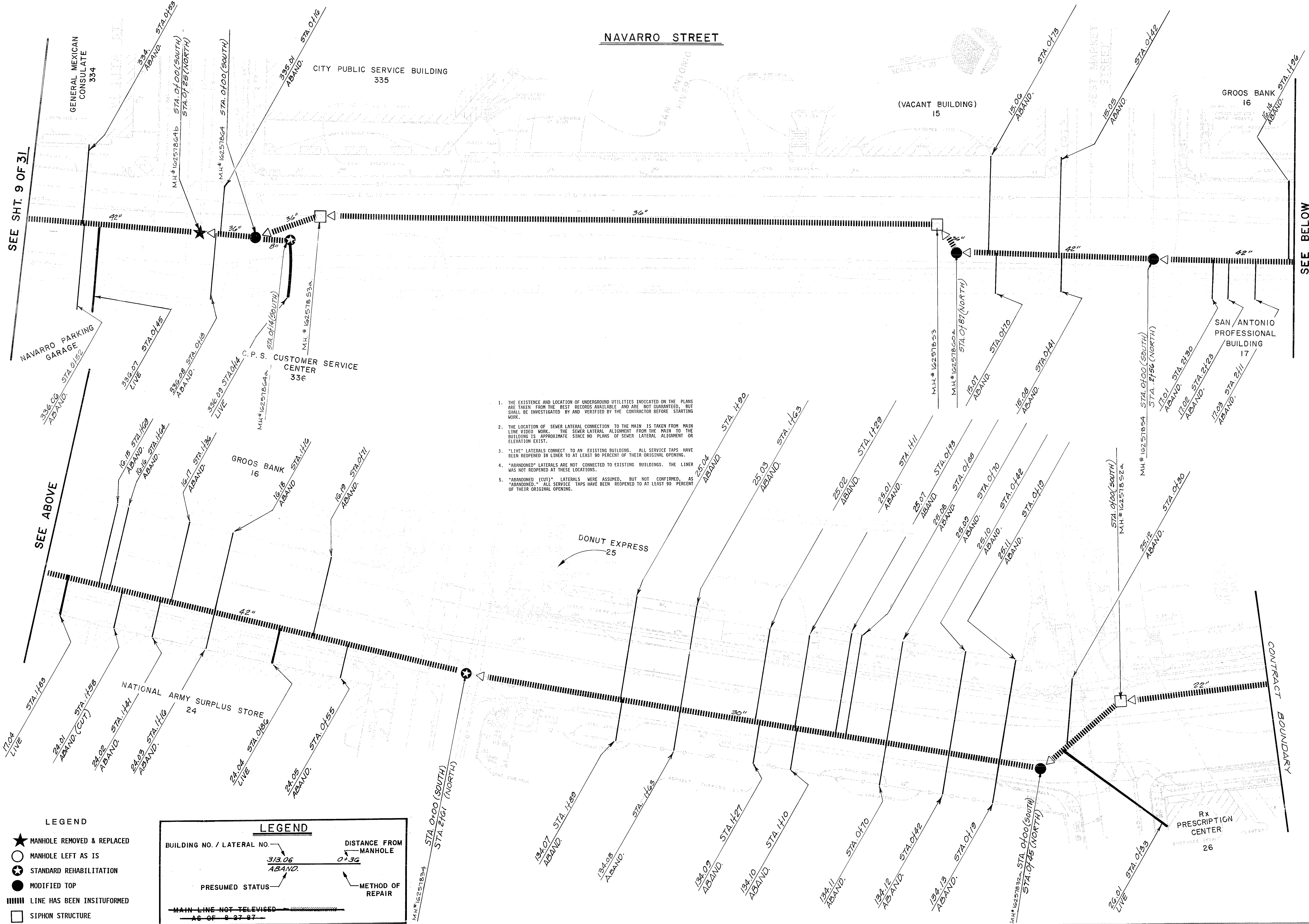
201 CATEGORY NO.5 DOWNTOWN PROJECT  
MANHOLE AND MAINLINE REHABILITATION  
"PLAN OF RECORD"

SHEET 9  
OF 31





5202763



**LEGEND**

- ★ MANHOLE REMOVED & REPLACED
- MANHOLE LEFT AS IS
- STANDARD REHABILITATION
- MODIFIED TOP
- ||||| LINE HAS BEEN INSITUFORMED
- SIPHON STRUCTURE

**LEGEND**

BUILDING NO. / LATERAL NO.	DISTANCE FROM MANHOLE	PRESUMED STATUS	METHOD OF REPAIR
336.06	0+36	ABAND.	

MAIN LINE NOT TELEVIEWED  
AS OF 8-27-87

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Drawing No.

**pd va group**

Date: FEB. 1988  
Designed by: J.B.  
Drawn by: J.M. & R.H.  
Checked by: J.B.  
Scale: 1"=20'

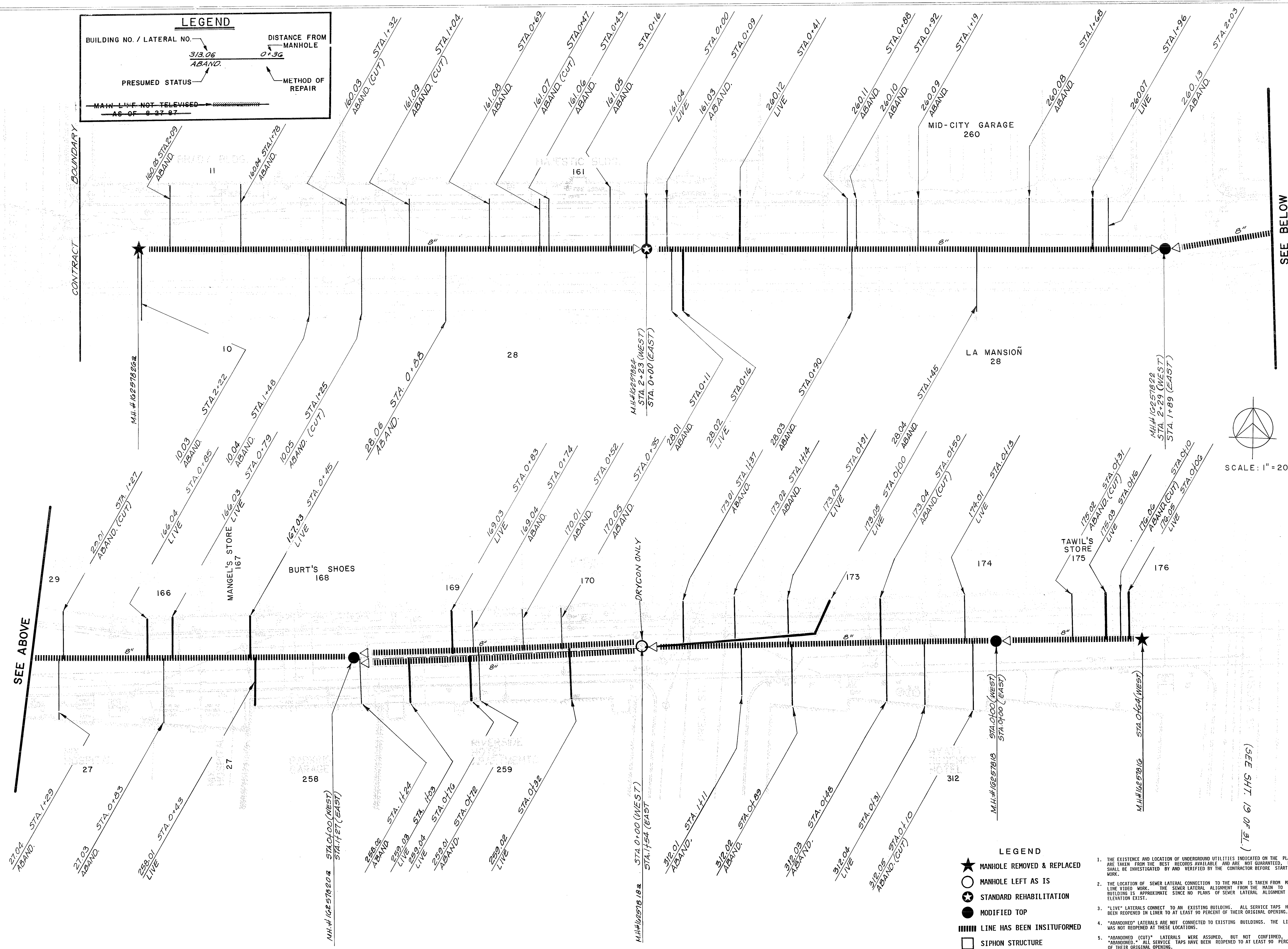
**WASTEWATER FACILITIES IMPROVEMENT**

**San Antonio**

**201 CATEGORY NO.5 DOWNTOWN PROJECT**  
**MANHOLE AND MAINLINE REHABILITATION**  
**"PLAN OF RECORD"**

SHEET 10 OF 31





- LEGEND**
- ★ MANHOLE REMOVED & REPLACED
  - MANHOLE LEFT AS IS
  - ☆ STANDARD REHABILITATION
  - MODIFIED TOP
  - ||||| LINE HAS BEEN INSITUFORMED
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201 CATEGORY NO.5 DOWNTOWN PROJECT  
MANHOLE AND MAINLINE REHABILITATION  
"PLAN OF RECORD"

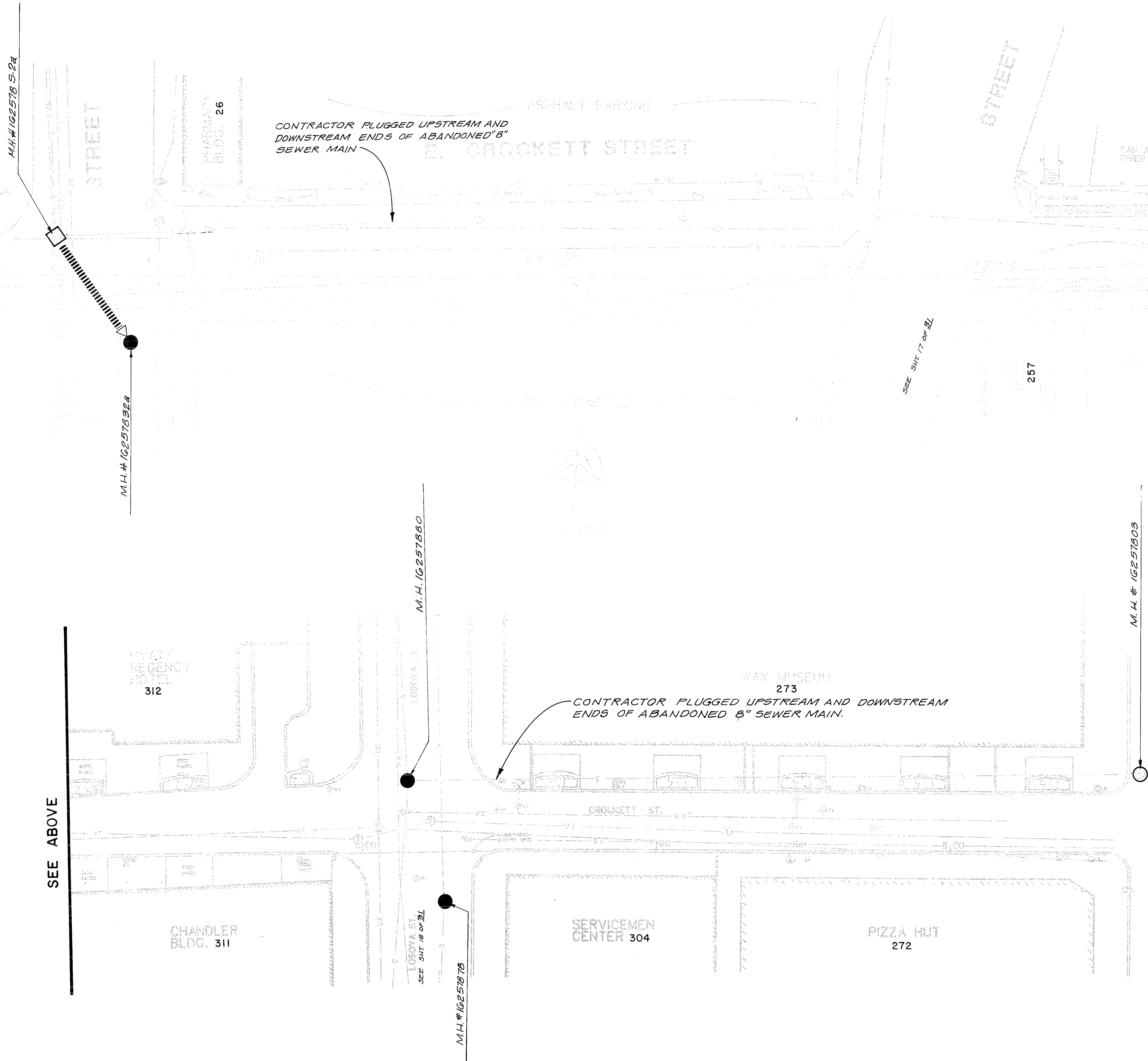
San Antonio  
WATER  
FACILITIES  
IMPROVEMENTS

DATE: FEB. 1983  
Designed by: U.B.  
Drawn by: J.M.F.R.H.  
Checked by: U.B.  
Scale: 1"=20'

SHEET 11  
OF 31

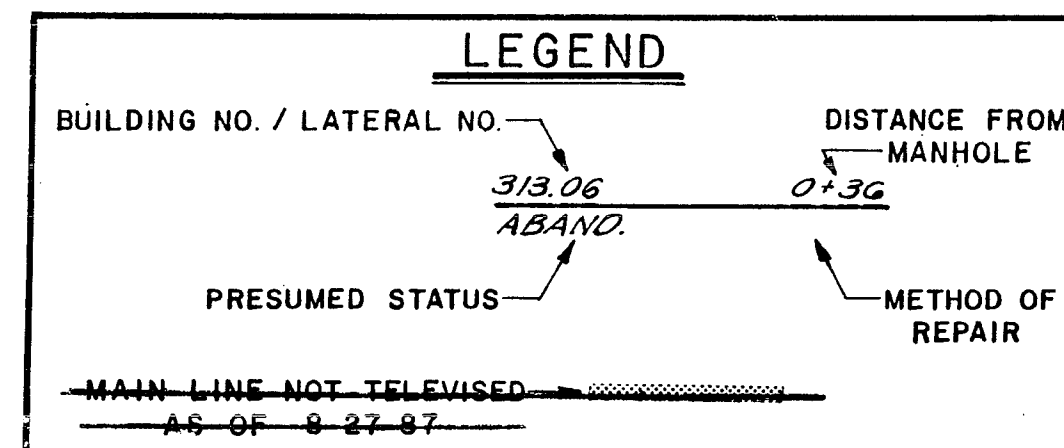


PROJECT BOUNDARY



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- ★ MANHOLE REMOVED & REPLACED
  - MANHOLE LEFT AS IS
  - STANDARD REHABILITATION
  - MODIFIED TOP
  - ||||| LINE HAS BEEN INSITUFORMED
  - SIPHON STRUCTURE



SEE BELOW

SEE ABOVE

201 CATEGORY NO.5 DOWNTOWN PROJECT  
MANHOLE AND MAINLINE REHABILITATION  
"PLAN OF RECORD"

SHEET 12  
OF 31

San Antonio  
Wastewater  
Facilities  
Improvements

pdvga  
group

Date: FEB, 1988  
Designed by: J.B.  
Drawn by: J.M. & R.H.  
Checked by: J.B.  
Scale: 1" = 20'

5202766



ALAMO PLAZA ST.  
SEE SHT. 20 OF 31

M.H.# 162578229 STA. 0+57 (EAST)

M.H.# 162578225 STA. 0+00 (WEST)  
STA. 1+42 (EAST)

PROJECT BOUNDARY

M.H.# 162578223 STA. 0+00 (EAST)

42-01 LIVE STA. 1+08

42-05 LIVE STA. 0+90

M.H.# 16257831 STA. 0+00 (WEST)  
STA. 0+30 (EAST)

M.H.# 16257832 STA. 0+00 (WEST)  
STA. 0+00 (EAST)

THE MENGER HOTEL  
42

M.H.# 16257835 STA. 0+00 (WEST)  
STA. 0+19 (EAST)

M.H.# 16257837 STA. 0+00 (WEST)

42-03 LIVE STA. 2+22

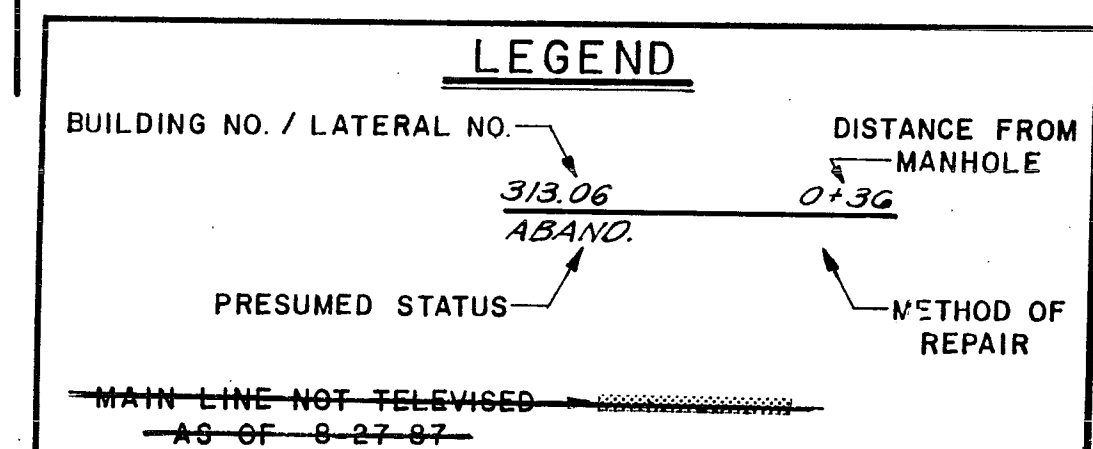
M.H.# 16257821 STA. 2+82 (WEST)

PROJECT BOUNDARY

PROJECT BOUNDARY

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  - MANHOLE LEFT AS IS
  - ⊙ STANDARD REHABILITATION
  - MODIFIED TOP
  - ▨ LINE HAS BEEN INSITUFORMED
  - SIPHON STRUCTURE



201 CATEGORY NO.5 DOWNTOWN PROJECT  
MANHOLE AND MAINLINE REHABILITATION  
"PLAN OF RECORD"

SHEET 13  
OF 31

WY JUTEMOUTH  
CORPORATION  
IMPROVEMENTS

San Antonio

Date: FEB., 1988  
Designed by: J.B.  
Drawn by: J.M.F.R.H.  
Checked by: J.B.  
Scale: 1"=20'

pdvga  
group

Drawing No.





5202767

**LEGEND**

BUILDING NO. / LATERAL NO.

313.06

ABAND.

PRESUMED STATUS

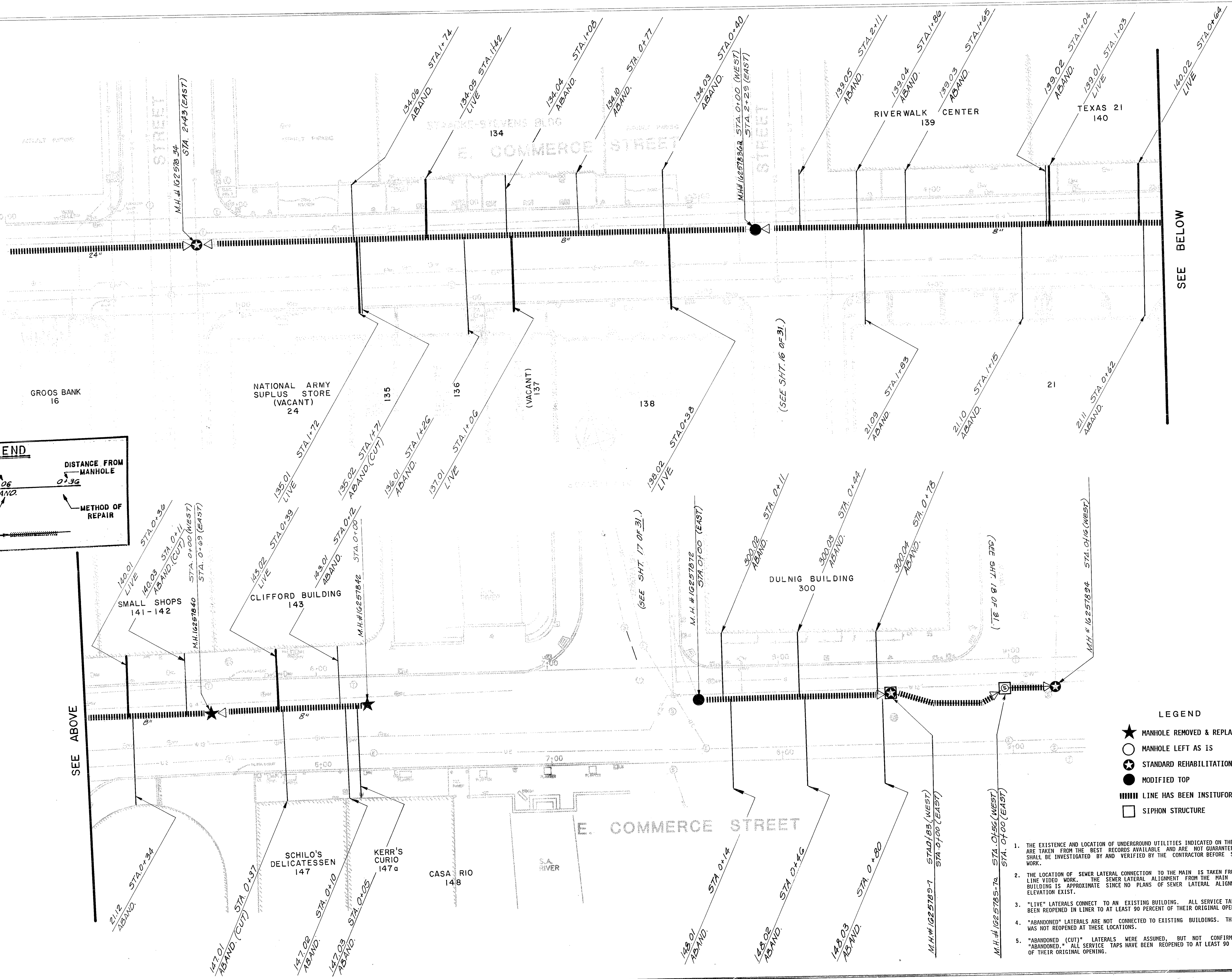
0+36

DISTANCE FROM MANHOLE

METHOD OF REPAIR

MAIN LINE NOT TELEVIEWED

AS OF 8-27-87



**LEGEND**

★

MANHOLE REMOVED & REPLACED

○

MANHOLE LEFT AS IS

☆

STANDARD REHABILITATION

●

MODIFIED TOP

|||||

LINE HAS BEEN INSITUFORMED

□

SIPHON STRUCTURE

1. THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES INDICATED ON THE PLANS ARE TAKEN FROM THE BEST RECORDS AVAILABLE, AND ARE NOT GUARANTEED, BUT SHALL BE INVESTIGATED BY AND VERIFIED BY THE CONTRACTOR BEFORE STARTING WORK.
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5. "ABANDONED (CUT)" LATERALS WERE ASSUMED, BUT NOT CONFIRMED, AS "ABANDONED." ALL SERVICE TAPS HAVE BEEN REOPENED TO AT LEAST 90 PERCENT OF THEIR ORIGINAL OPENING.

SEE BELOW

201 CATEGORY NO.5 DOWNTOWN PROJECT

MANHOLE AND MAINLINE REHABILITATION

"PLAN OF RECORD"

San Antonio

WASTEWATER

FAILITIES

IMPROVEMENTS

red va

Group

DATE: FEB. 1988

DESIGNED BY: J.B.

DRAWN BY: J.M. & R.H.

CHECKED BY: J.B.

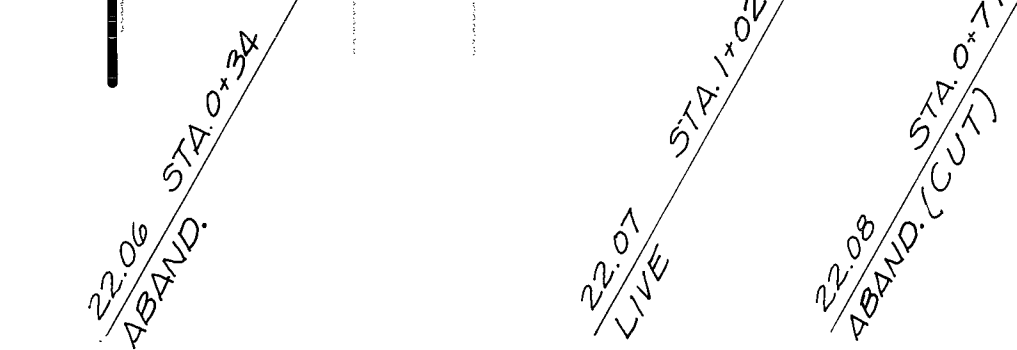
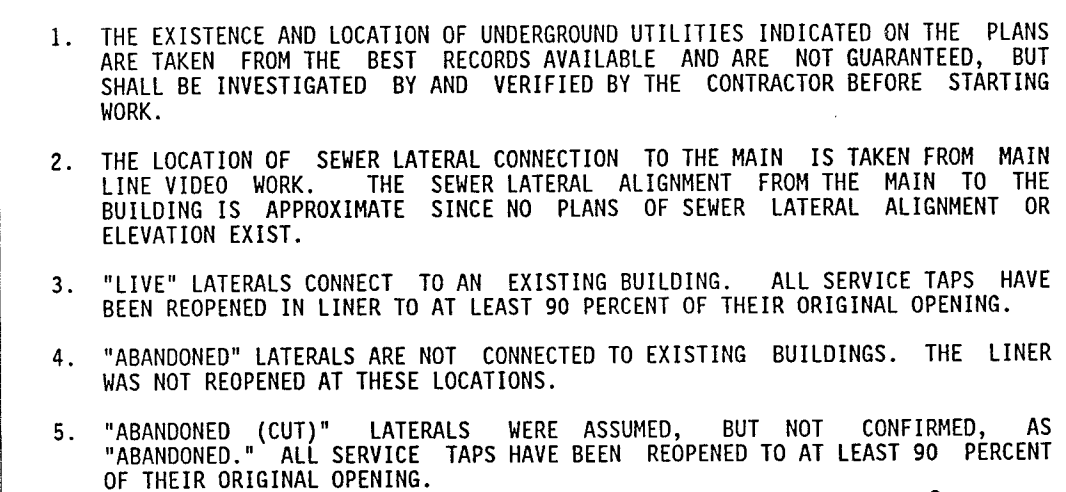
SCALE: 1" = 20'

SHEET

14

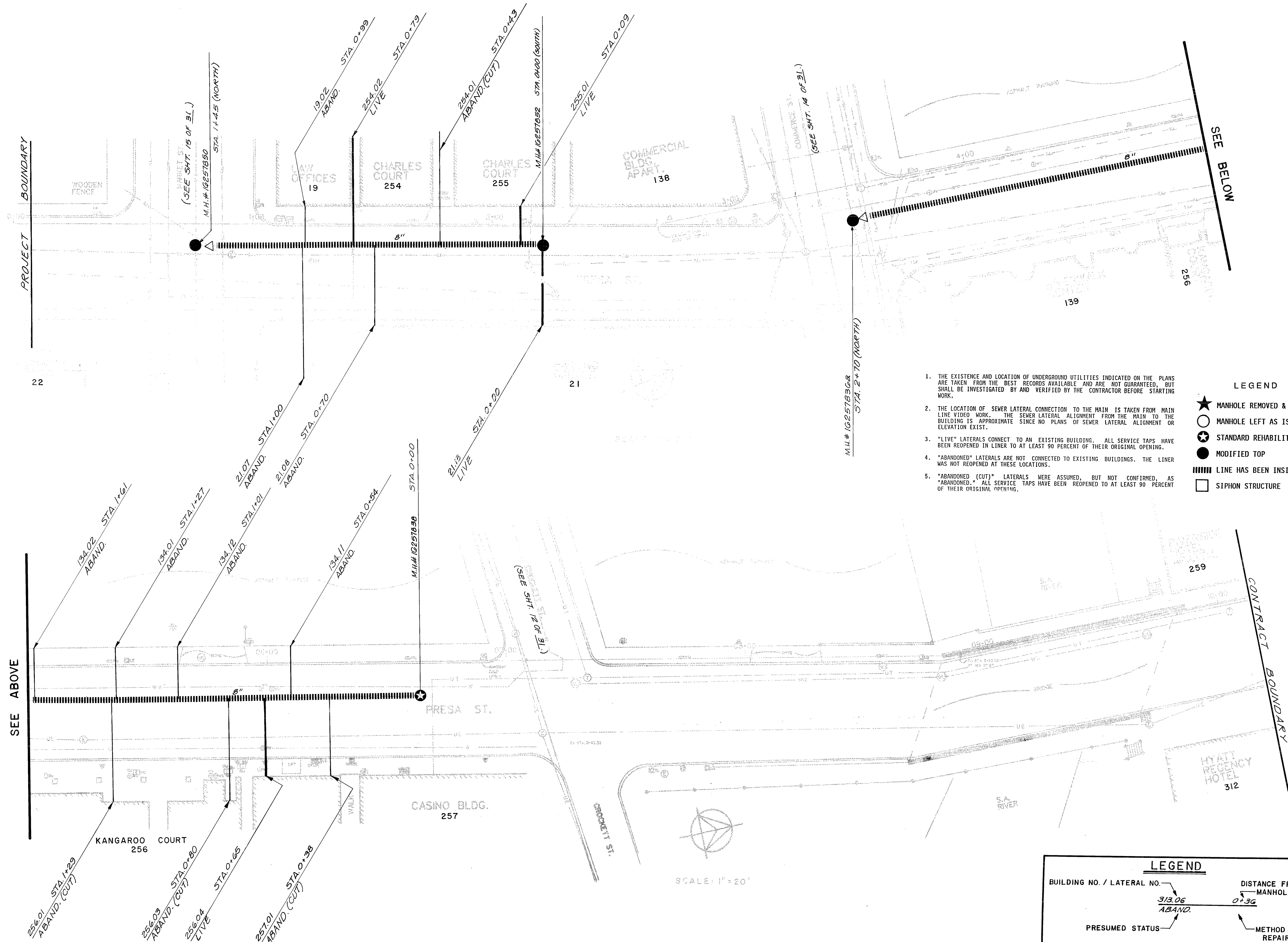
OF

31



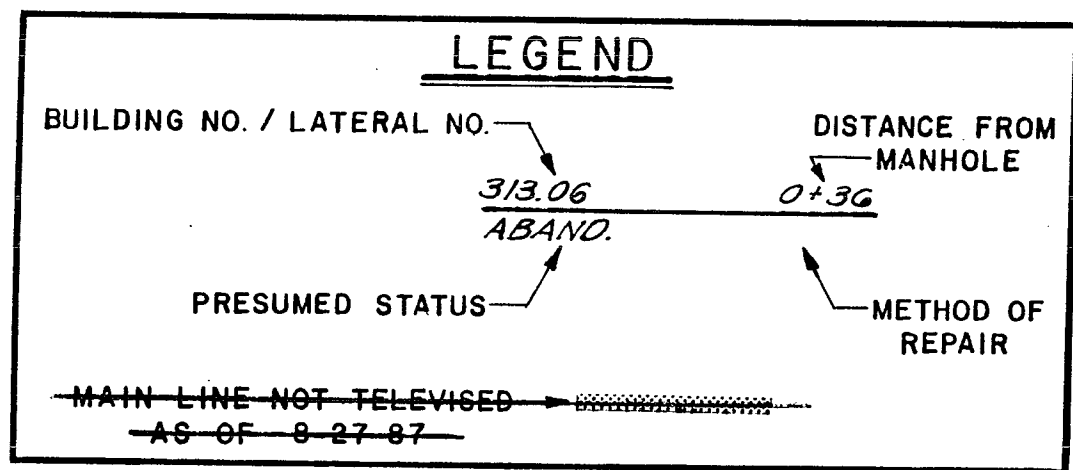
SHEET 15  
OF 31





1. THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES INDICATED ON THE PLANS ARE TAKEN FROM THE BEST RECORDS AVAILABLE, AND ARE NOT GUARANTEED, BUT SHALL BE INVESTIGATED BY AND VERIFIED BY THE CONTRACTOR BEFORE STARTING WORK.
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- LEGEND
- ★ MANHOLE REMOVED & REPLACED
  - MANHOLE LEFT AS IS
  - ⊙ STANDARD REHABILITATION
  - MODIFIED TOP
  - ||||| LINE HAS BEEN INSITUFORMED
  - SIPHON STRUCTURE



201 CATEGORY NO.5 DOWNTOWN PROJECT  
MANHOLE AND MAINLINE REHABILITATION  
"PLAN OF RECORD"

SHEET 16  
OF 31

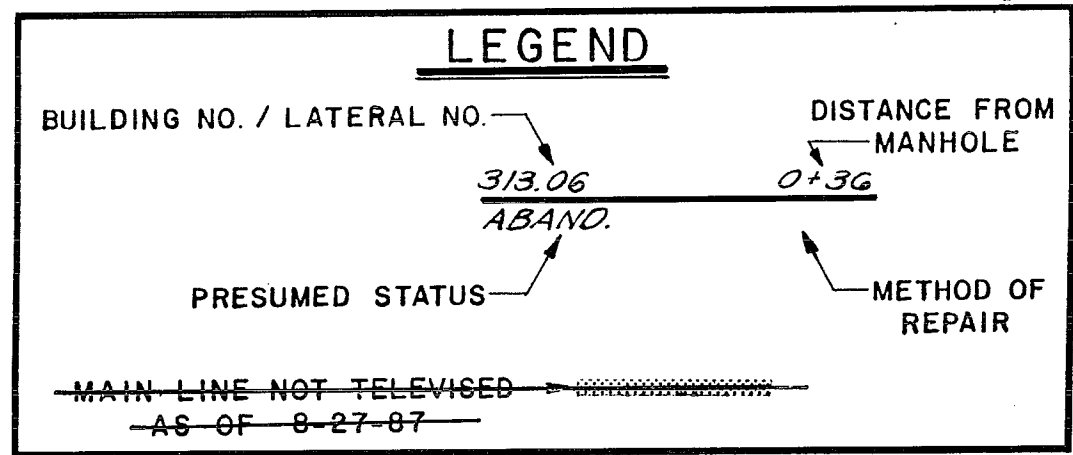
San Antonio  
Wastewater  
Facilities  
Improvements

padwa  
group

Drawing No.

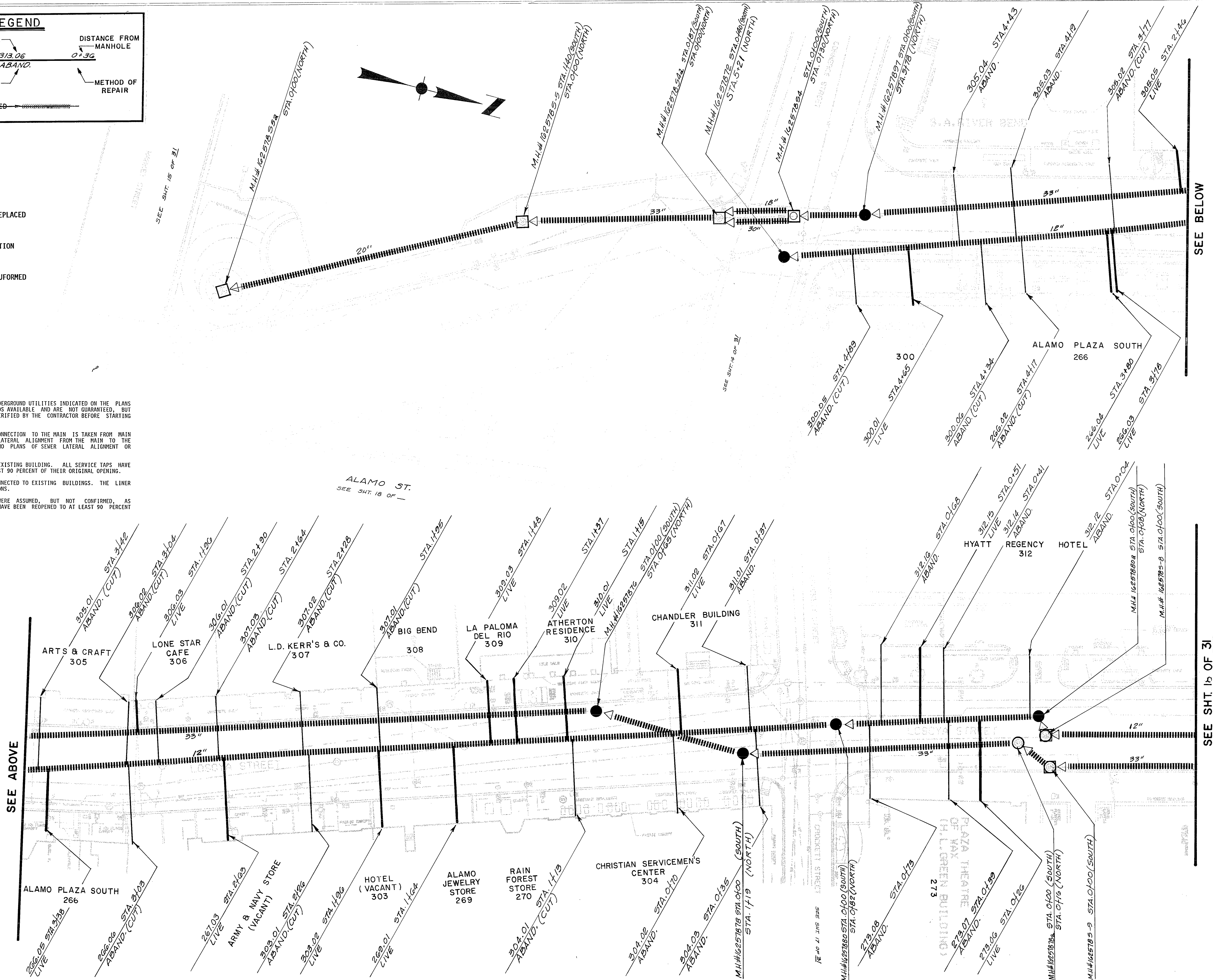
Date: FEB. 1988  
Designed by: J.B.  
Drawn by: J.M. & R.H.  
Checked by: J.B.  
Scale: 1" = 20'





- LEGEND**
- ★ MANHOLE REMOVED & REPLACED
  - MANHOLE LEFT AS IS
  - STANDARD REHABILITATION
  - MODIFIED TOP
  - ||||| LINE HAS BEEN INSITUFORMED
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Drawing No.

**ped va group**

Date: FEB, 1988  
Designed by: JLB  
Drawn by: JLB  
Checked by: JLB  
Scale: 1" = 20'

**San Antonio**

**WASTE WATER FACILITIES IMPROVEMENTS**

**201 CATEGORY NO.5 DOWNTOWN PROJECT**

**MANHOLE AND MAINLINE REHABILITATION**

**"PLAN OF RECORD"**

SHEET 17 OF 51





SEWER SYSTEM REHABILITATION

201 CATEGORY NO. 5

Drawing No.

pd va  
group

Date NOV 10, 1997  
Designed by J.W.B.  
Drawn by R.P.  
Checked by M.B.H.  
Scale 1"=80'

WASTEWATER  
FACILITIES  
IMPROVEMENTS

San  
Antonio

201 CATEGORY NO.5 DOWNTOWN PROJECT  
MANHOLE AND MAINLINE REHABILITATION

"PLAN OF RECORD"

Sheet 17A  
of 31

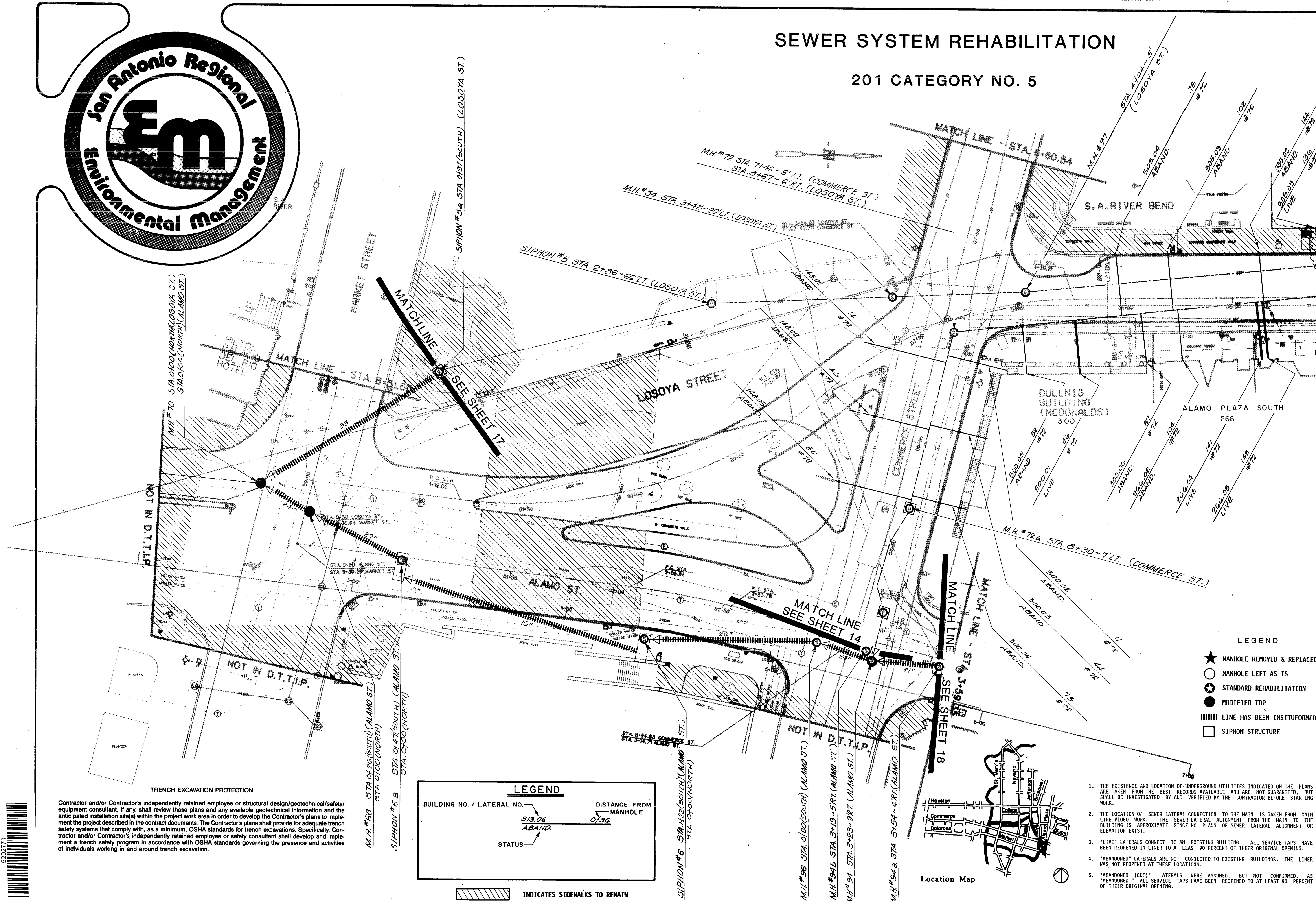
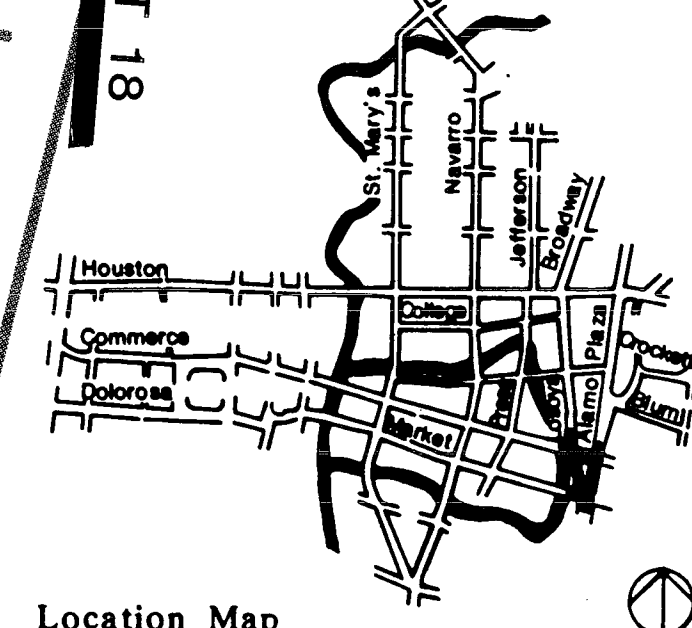
**LEGEND**

BUILDING NO. / LATERAL NO.	DISTANCE FROM MANHOLE	STATUS
313.06	0'36"	ABAND.

INDICATES SIDEWALKS TO REMAIN

- LEGEND**
- ★ MANHOLE REMOVED & REPLACED
  - MANHOLE LEFT AS IS
  - ⊙ STANDARD REHABILITATION
  - MODIFIED TOP
  - ||||| LINE HAS BEEN INSITUFORMED
  - SIPHON STRUCTURE

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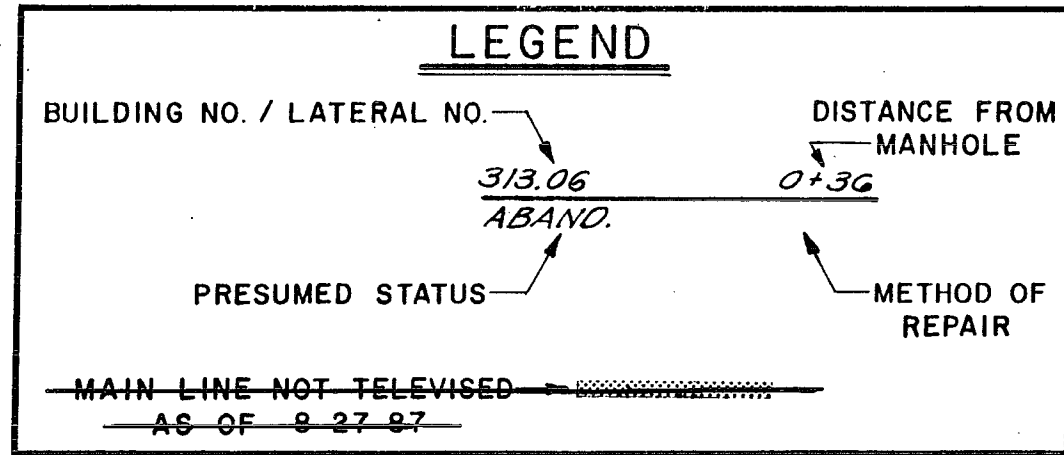
Contractor and/or Contractor's independently retained employee or structural design/geotechnical/safety/equipment consultant, if any, shall review these plans and any available geotechnical information and the anticipated installation site(s) within the project work area in order to develop the Contractor's plans to implement the project described in the contract documents. The Contractor's plans shall provide for adequate trench safety systems that comply with, as a minimum, OSHA standards for trench excavations. Specifically, Contractor and/or Contractor's independently retained employee or safety consultant shall develop and implement a trench safety program in accordance with OSHA standards governing the presence and activities of individuals working in and around trench excavation.



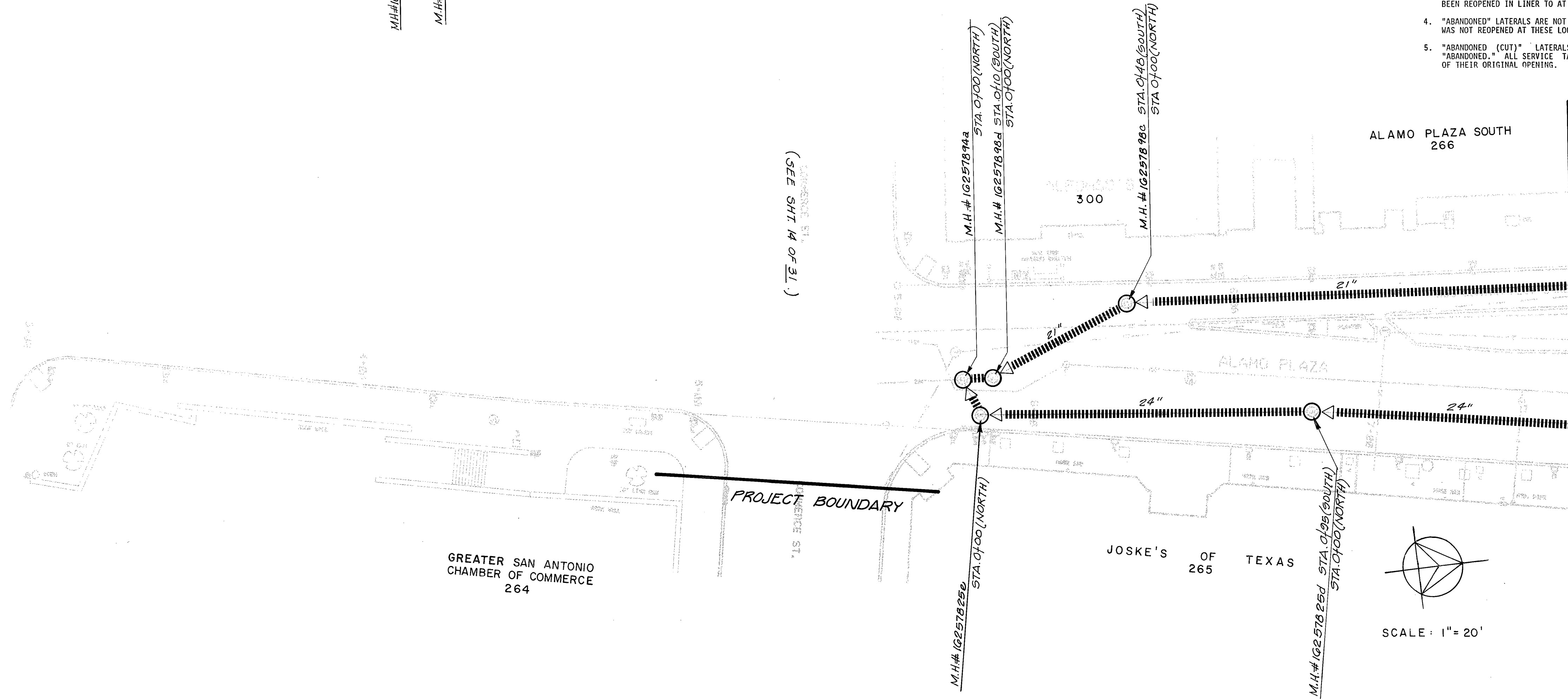




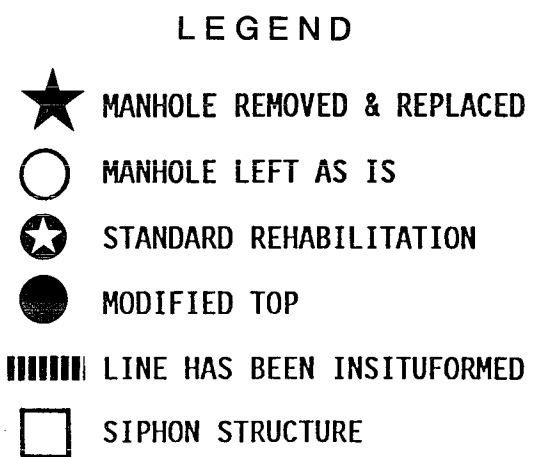
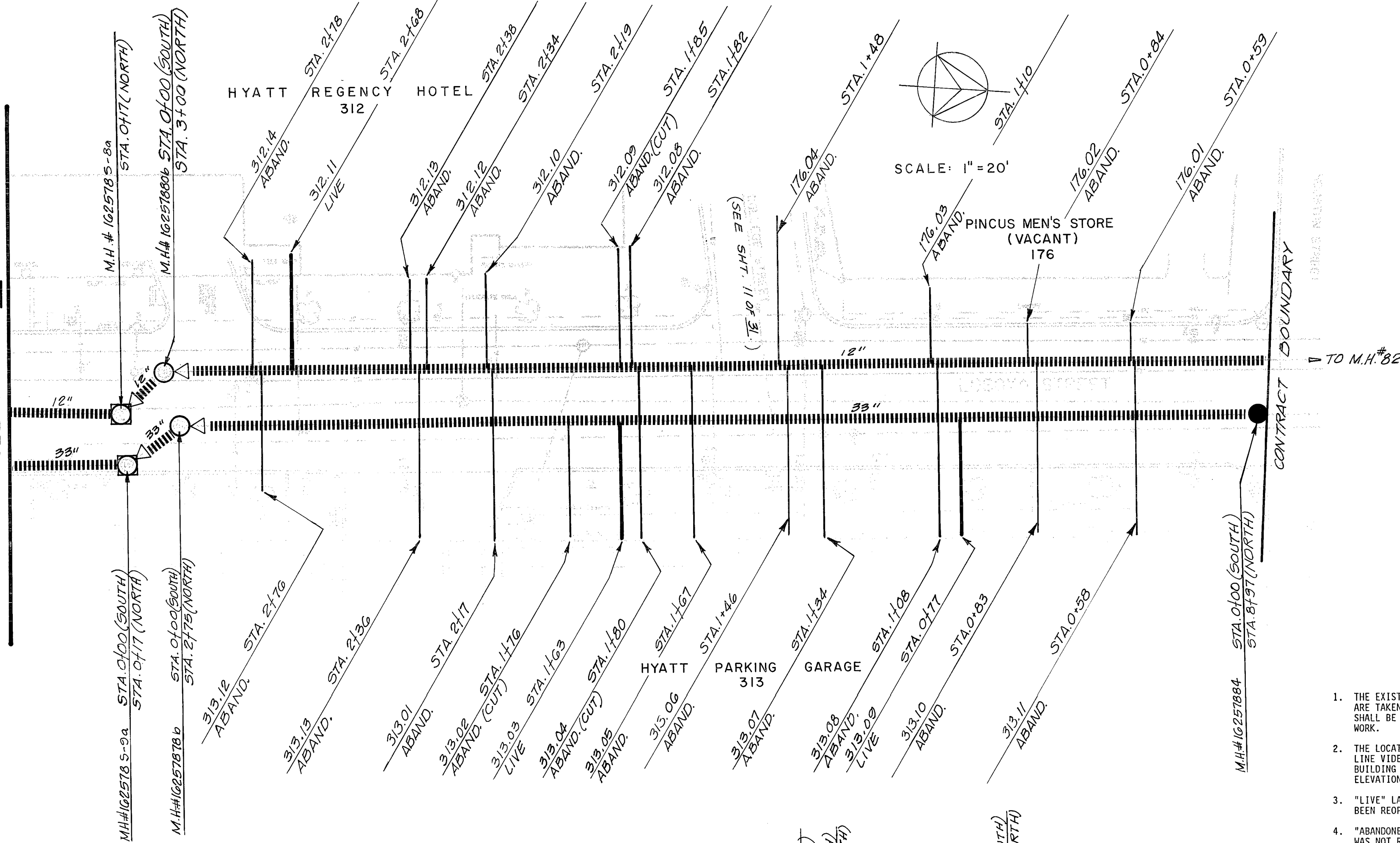
520272



PROJECT BOUNDARY



SEE SHT. 17 OF 31



1. THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES INDICATED ON THE PLANS ARE TAKEN FROM THE BEST RECORDS AVAILABLE AND ARE NOT GUARANTEED, BUT SHALL BE INVESTIGATED BY AND VERIFIED BY THE CONTRACTOR BEFORE STARTING WORK.
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201 CATEGORY NO.5 DOWNTOWN PROJECT  
MANHOLE AND MAINLINE REHABILITATION  
"PLAN OF RECORD"

SHEET 18  
OF 31

San Antonio  
Western  
Facilities  
Improvements

Date: Feb. 1998  
Designed by: J.B.  
Drawn by: J.M. & R.H.  
Checked by: V.B.  
Scale: 1" = 20'

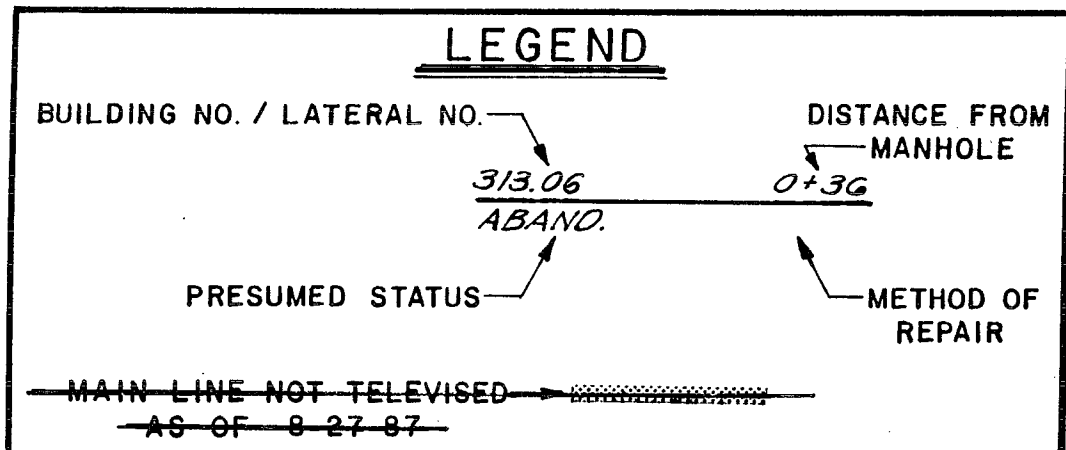
pdv group

Drawing No





520273



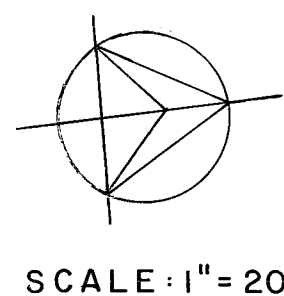
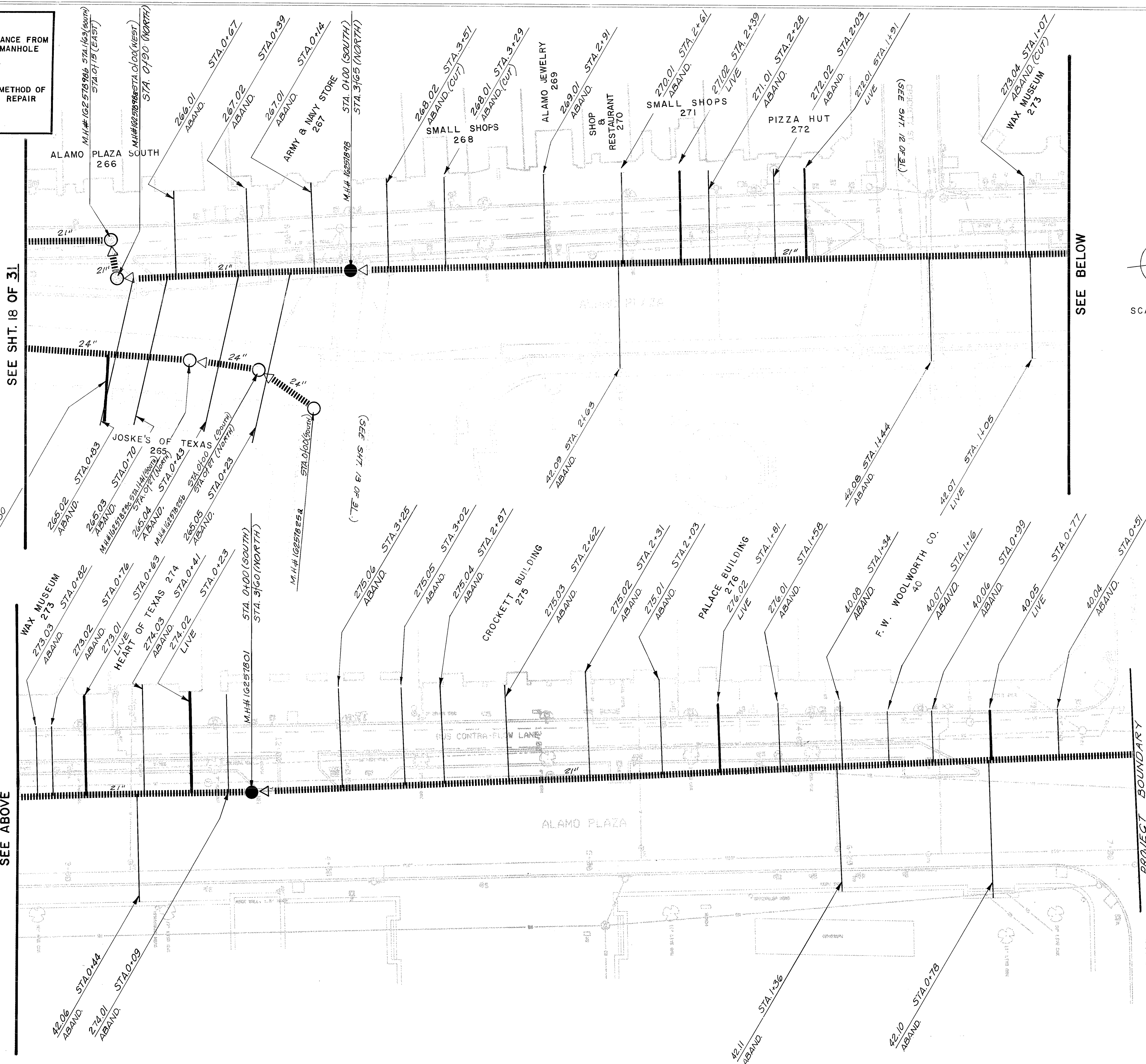
**LEGEND**

- ★ MANHOLE REMOVED & REPLACED
- MANHOLE LEFT AS IS
- STANDARD REHABILITATION
- MODIFIED TOP
- ||||| LINE HAS BEEN INSITUFORMED
- SIPHON STRUCTURE

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SEE ABOVE

SEE SHT. 18 OF 31



PROJECT BOUNDARY

SEE BELOW

SCALE: 1" = 20'

201 CATEGORY NO.5 DOWNTOWN PROJECT  
MANHOLE AND MAINLINE REHABILITATION  
"PLAN OF RECORD"

San Antonio  
WASTEWATER  
FACILITIES  
IMPROVEMENTS

Date: FEB. 1988  
Designed by: J.B.  
Drawn by: J.M.F. & H.  
Checked by: J.B.  
Scale: 1" = 20'

padva  
group

SHEET 19  
OF 31



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SEE BELOW

SEE SHEET 21 OF 31

SCALE: HORIZ. 1"=20'



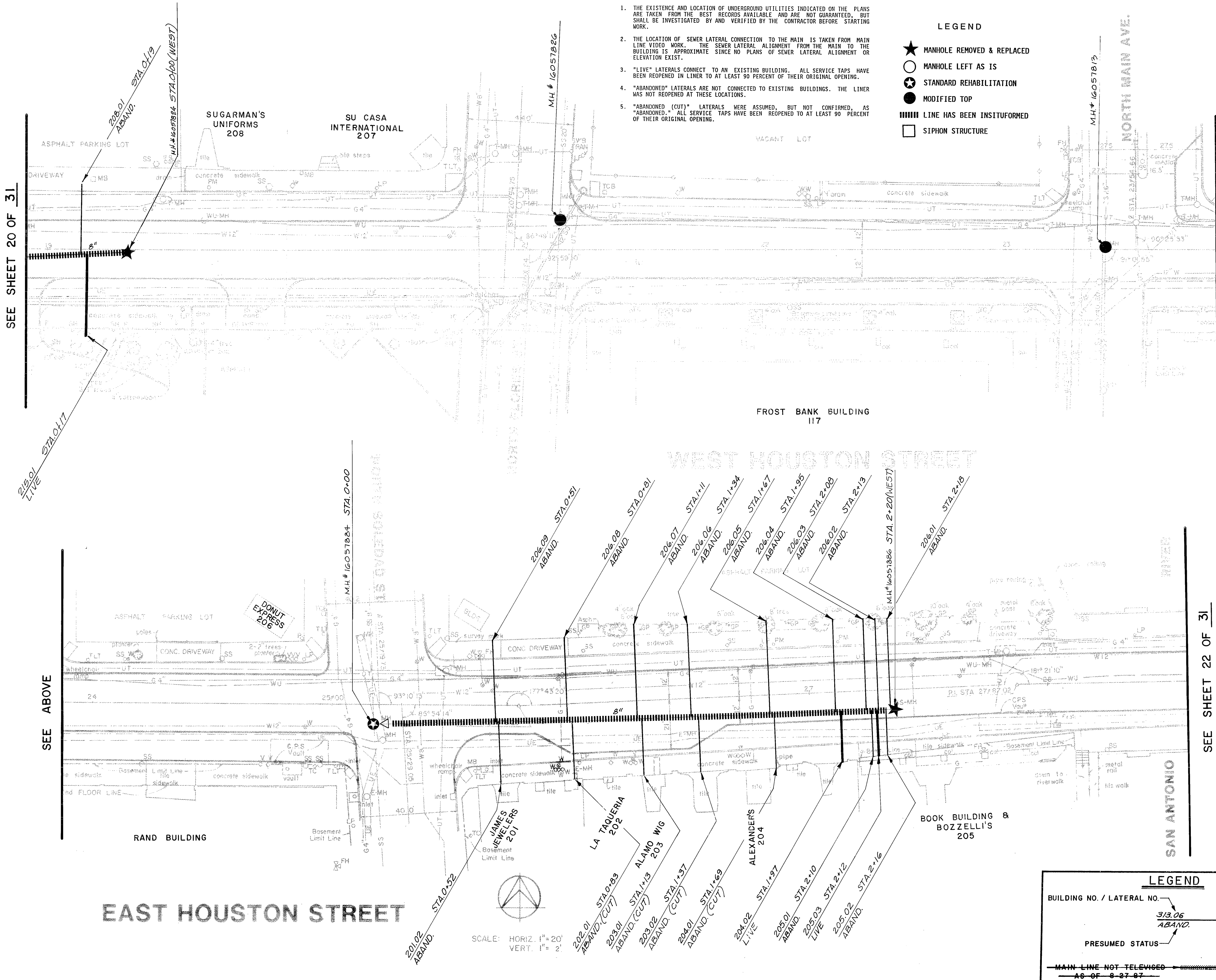
No. Date Revisions

SEE BELOW

SEE SHEET 22 OF 31

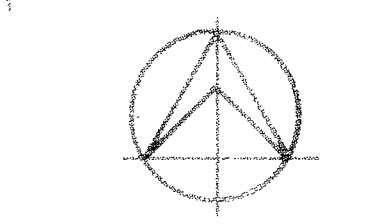
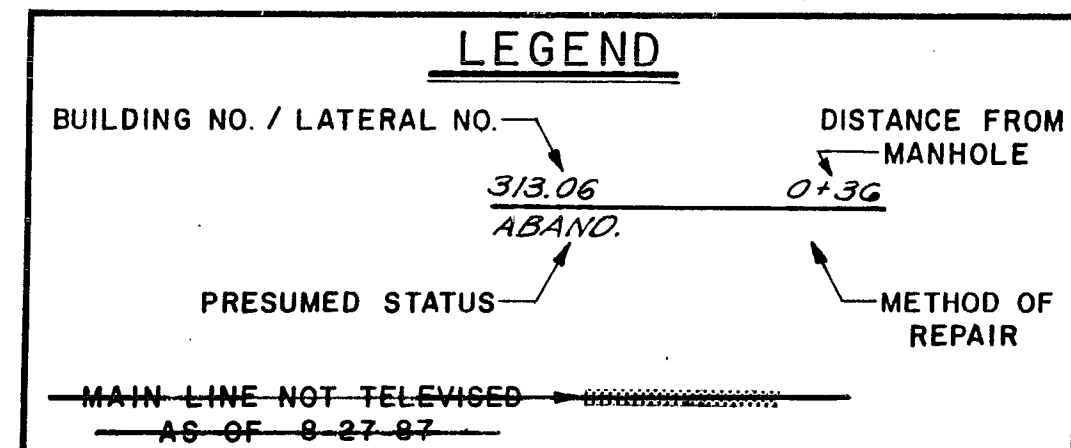
SEE SHEET 20 OF 31

SEE ABOVE



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- LEGEND
- ★ MANHOLE REMOVED & REPLACED
  - MANHOLE LEFT AS IS
  - ⊙ STANDARD REHABILITATION
  - MODIFIED TOP
  - ||||| LINE HAS BEEN INSITUFORMED
  - SIPHON STRUCTURE



SCALE: HORIZ. 1"=20'  
VERT. 1"= 2'

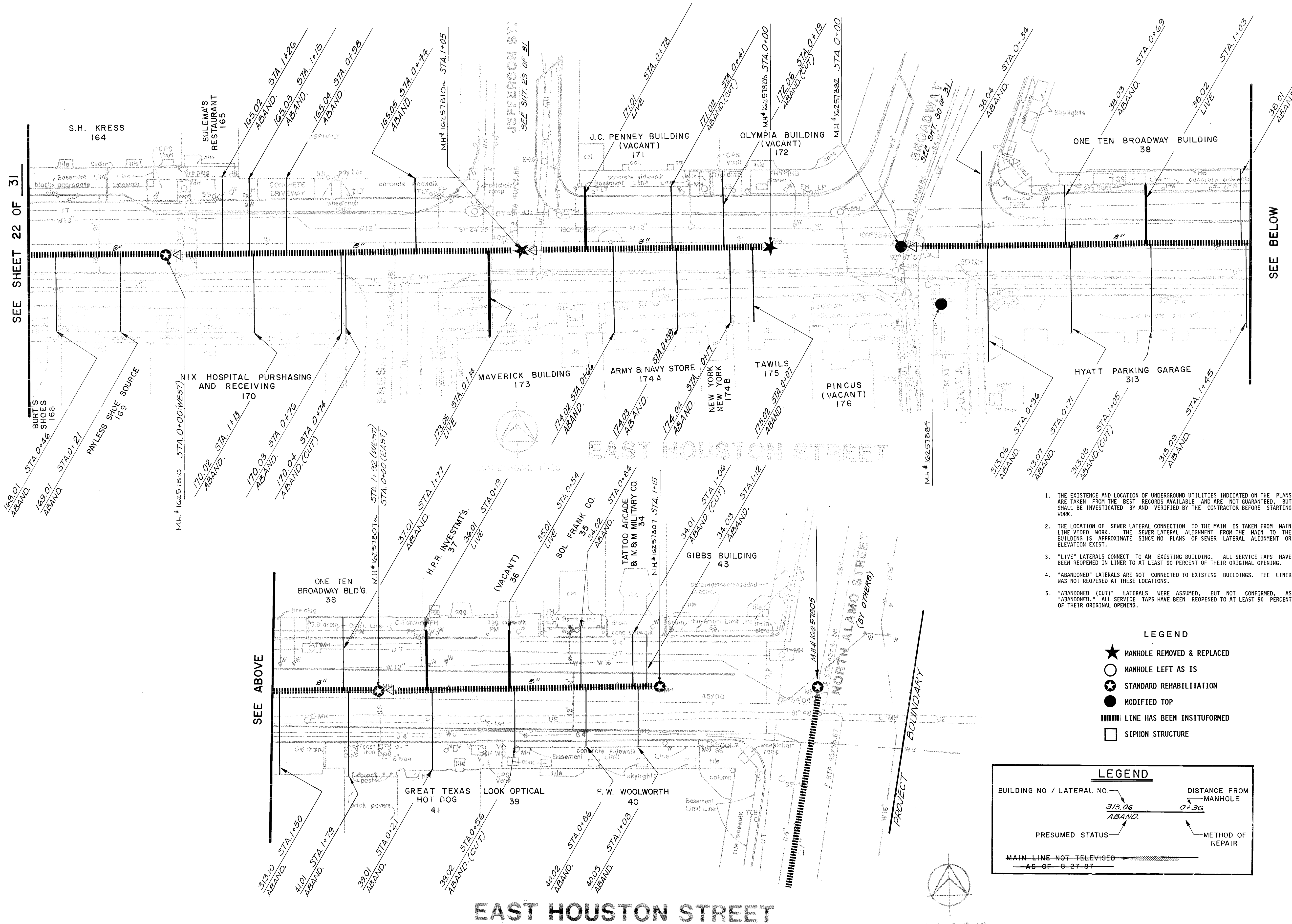






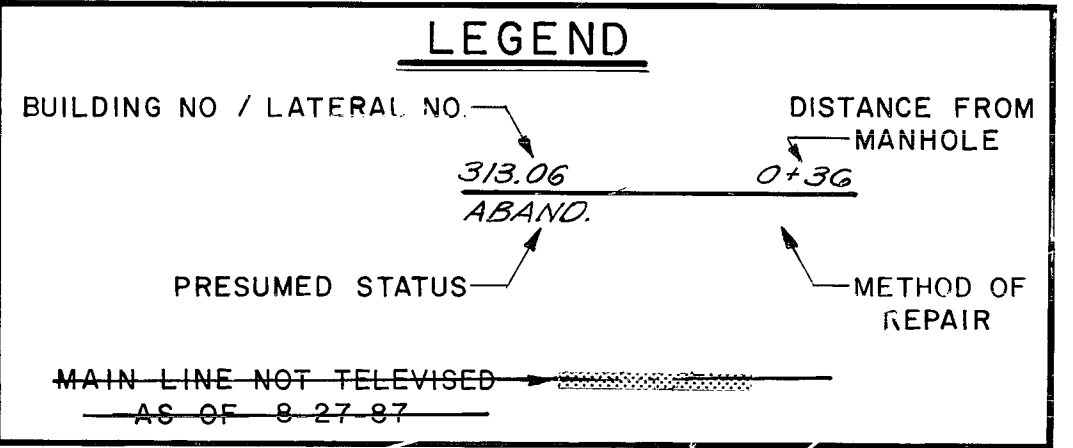


5202777



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  - ⊙ STANDARD REHABILITATION
  - MODIFIED TOP
  - ▬ LINE HAS BEEN INSITUFORMED
  - SIPHON STRUCTURE



Drawing No.

Revisions

No

Date

App

pd va

Group

Date: FEB, 1988

Designed by: J.B.

Drawn by: J.M. & R.H.

Checked by: J.B.

Scale: 1"=20'

WASTEWATER

REPAIRS

IMPROVEMENTS

201 CATEGORY NO.5 DOWNTOWN PROJECT

MANHOLE AND MAINLINE REHABILITATION

"PLAN OF RECORD"

Sheet

23

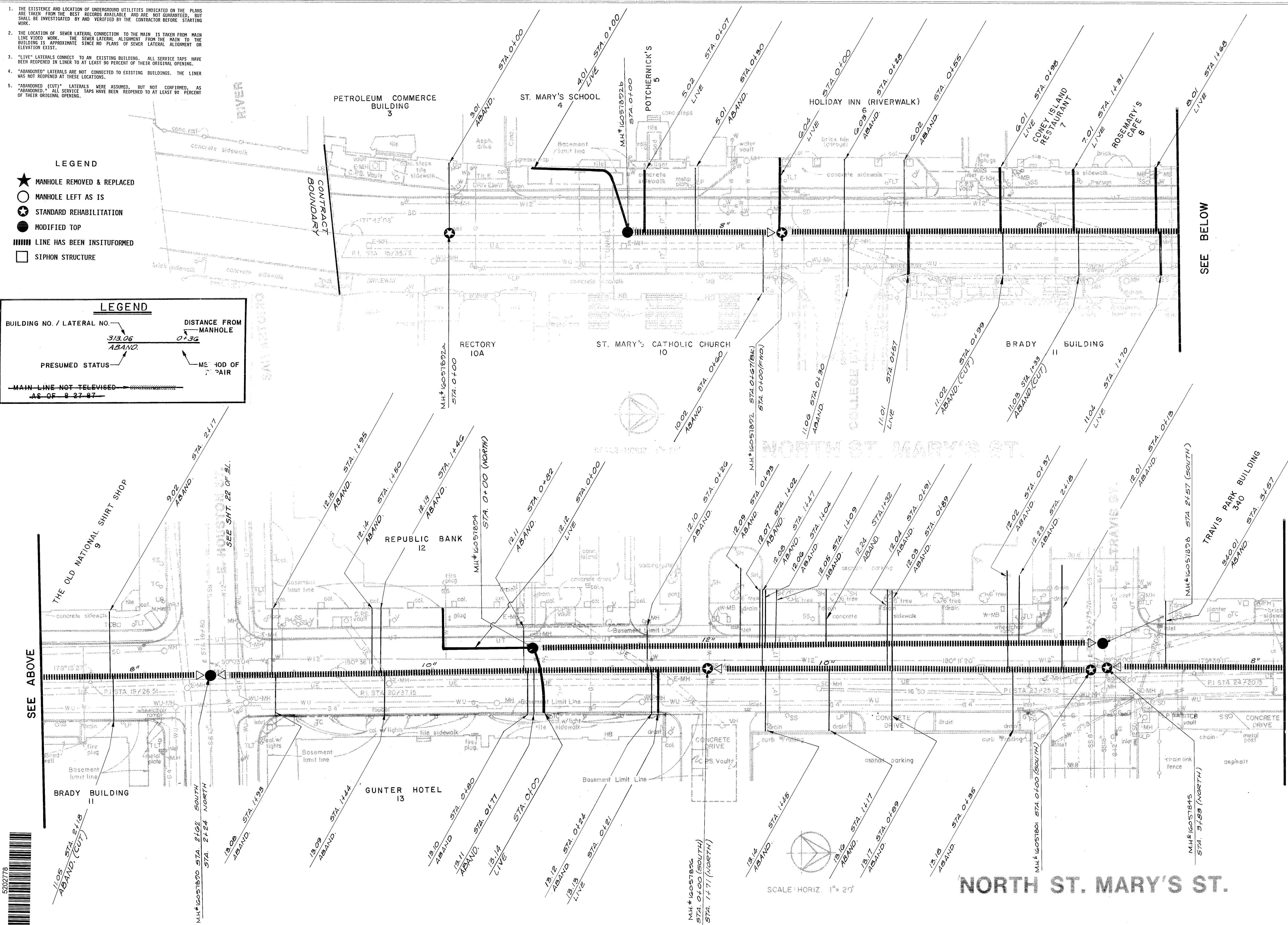
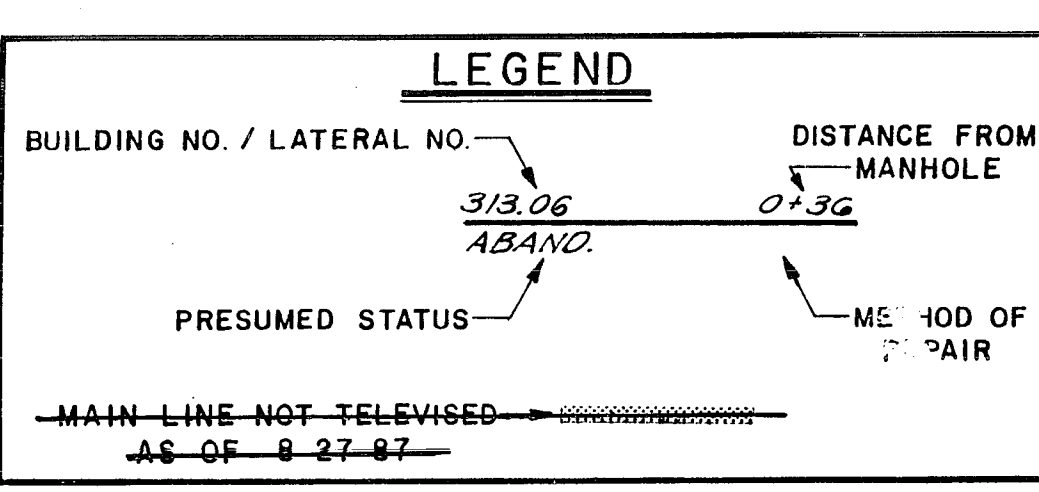
of

31



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  - MODIFIED TOP
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  - SIPHON STRUCTURE



Drawing No. \_\_\_\_\_

Revisions

No.	Date	Description
1	Feb. 1988	Designed by: J.B.
2		Drawn by: J.M.K.H.
3		Checked by: J.B.
4		Scale: 1" = 20'

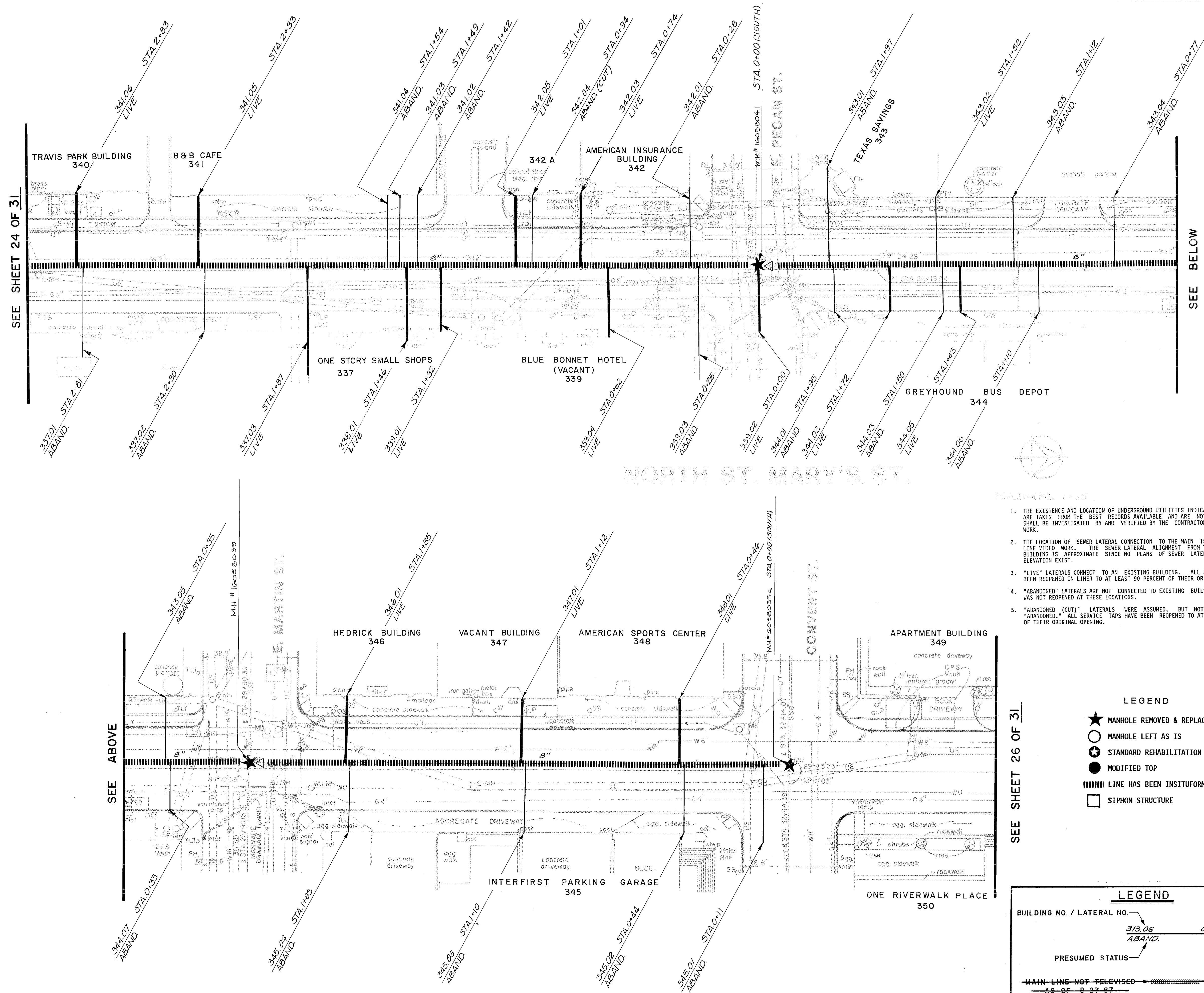
Wastewater Facilities Improvements

San Antonio

201 CATEGORY NO.5 DOWNTOWN PROJECT  
MANHOLE AND MAINLINE REHABILITATION  
"PLAN OF RECORD"

Sheet 24 of 31





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#### LEGEND

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- MODIFIED TOP
- ===== LINE HAS BEEN INSITUFORMED
- SIPHON STRUCTURE

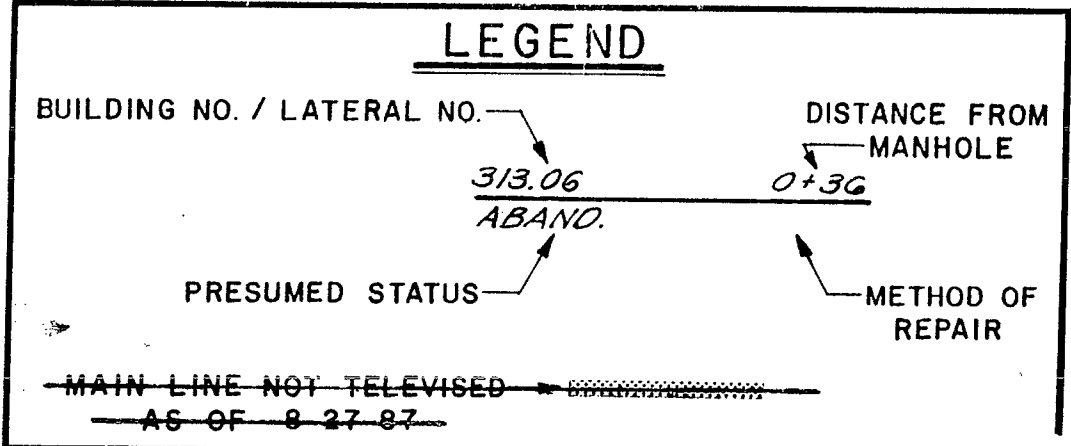
#### LEGEND

- BUILDING NO. / LATERAL NO. → 313.06 → 0+36 → DISTANCE FROM MANHOLE
- PRESUMED STATUS → ABAND. → METHOD OF REPAIR
- MAIN LINE NOT TELEVIEWED → AS OF 8-27-87



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  - MODIFIED TOP
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  - SIPHON STRUCTURE



Drawing No.	
26	
Sheet	
of 31	
201 CATEGORY NO.5 DOWNTOWN PROJECT MANHOLE AND MAINLINE REHABILITATION "PLAN OF RECORD"	
San Antonio Waterworks Facilities Improvements	
San Antonio	
Date: FEB, 1988 Designed by: J.B. Drawn by: J.M. & R.H. Checked by: Scale: 1" = 20'	





5202781

NAVARRO ST.

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4. "ABANDONED" LATERALS ARE NOT CONNECTED TO EXISTING BUILDINGS. THE LINER WAS NOT REOPENED AT THESE LOCATIONS.
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SCALE: HORIZ. 1"=20'

LEGEND

- ★ MANHOLE REMOVED & REPLACED
- MANHOLE LEFT AS IS
- STANDARD REHABILITATION
- MODIFIED TOP
- ||||| LINE HAS BEEN INSITUFORMED
- SIPHON STRUCTURE

SEE SHEET 26 OF 31

SEE ABOVE

SEE SHEET 28 OF 31

SEE BELOW

LEGEND

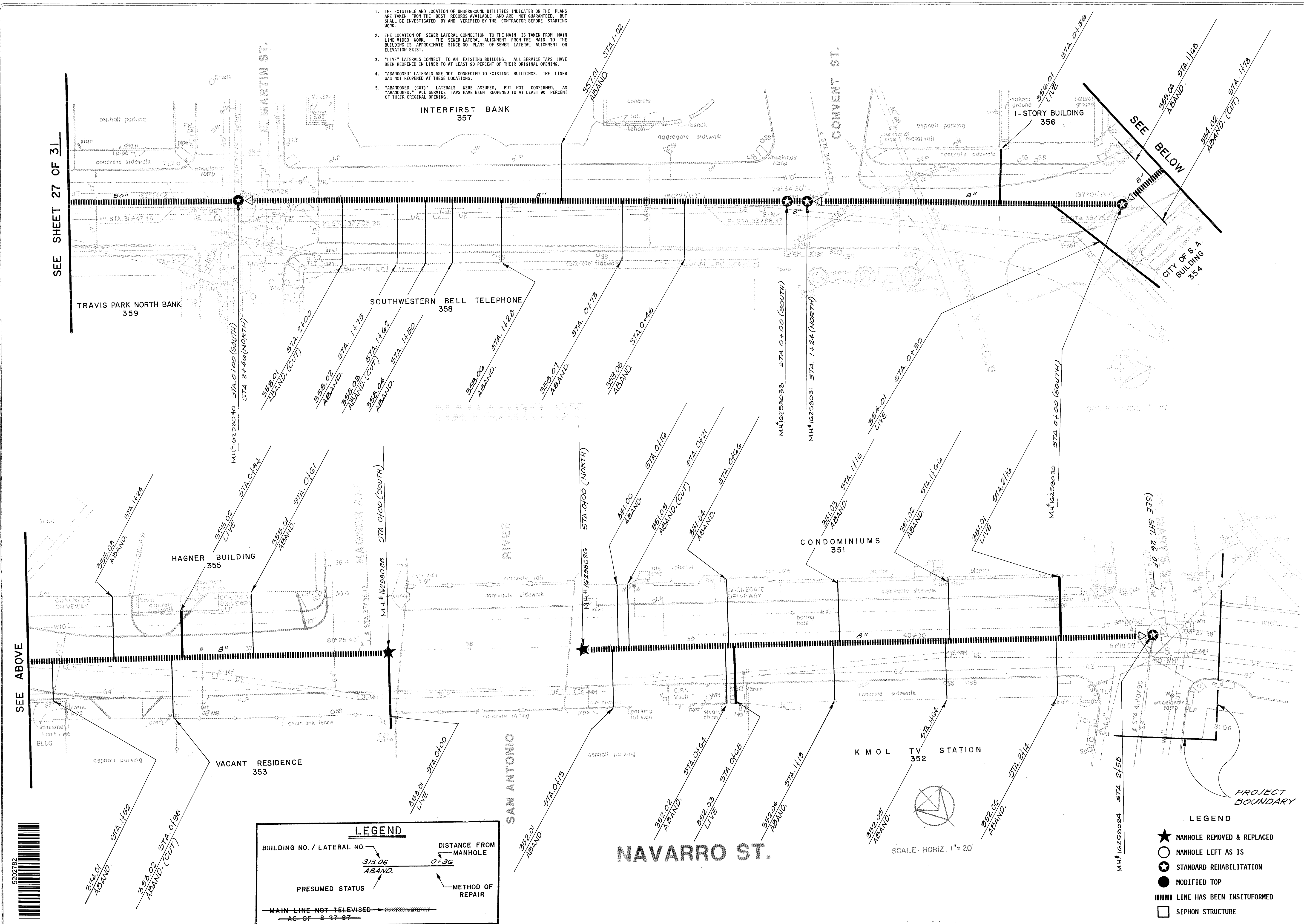
- BUILDING NO. / LATERAL NO. → 3/3.06 ABAND.
- DISTANCE FROM MANHOLE → 0+36
- PRESUMED STATUS →
- METHOD OF REPAIR →
- MAIN LINE NOT TELEVIEWED → AS OF 8-27-87

201 CATEGORY NO.5 DOWNTOWN PROJECT  
MANHOLE AND MAINLINE REHABILITATION

Sheet  
of

Drawing No.  
Revisions  
No. Date  
Date: FEB. 1988  
Designed by: J.B.  
Drawn by: J.M.F.H.  
Checked by: J.B.  
Scale: 1"=20'





1. THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES INDICATED ON THE PLANS ARE TAKEN FROM THE BEST RECORDS AVAILABLE AND ARE NOT GUARANTEED, BUT SHALL BE INVESTIGATED BY AND VERIFIED BY THE CONTRACTOR BEFORE STARTING WORK.
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**LEGEND**

BUILDING NO. / LATERAL NO.	DISTANCE FROM MANHOLE
313.06 ABAND.	0' 36"
PRESUMED STATUS	METHOD OF REPAIR

MAIN LINE NOT TELEVIEWED  
AS OF 8-27-87

- LEGEND**
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  - MANHOLE LEFT AS IS
  - ⊙ STANDARD REHABILITATION
  - MODIFIED TOP
  - ||||| LINE HAS BEEN INSITUFORMED
  - SIPHON STRUCTURE



App. \_\_\_\_\_

Revisions \_\_\_\_\_

No. \_\_\_\_\_ Date \_\_\_\_\_

pd/vga

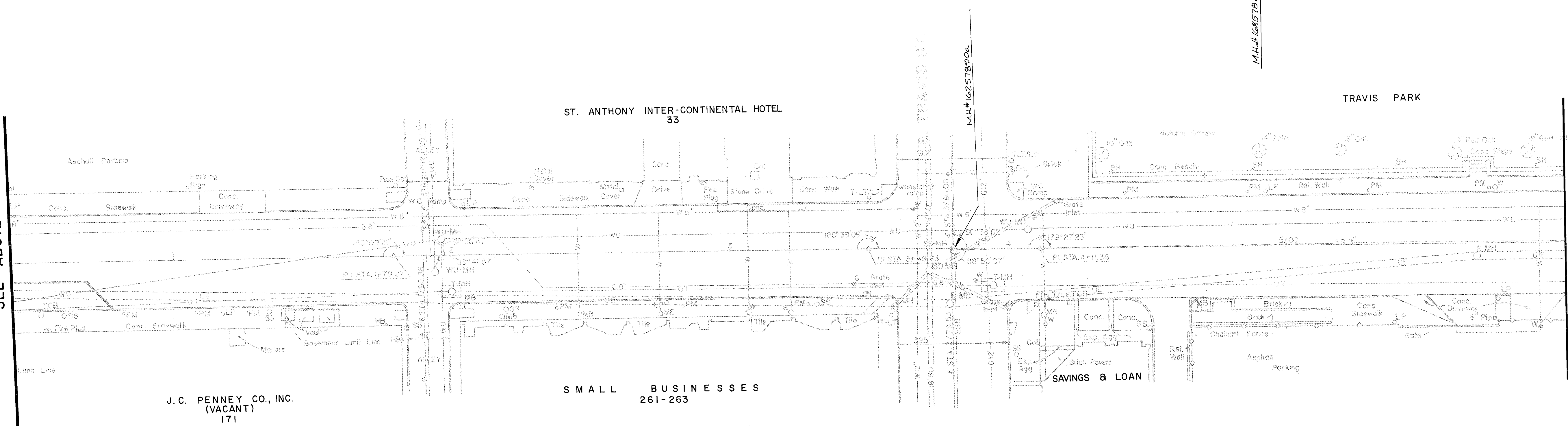
Date: FEB, 1988  
Designed by: J.B.  
Drawn by: J.M. & R.H.

201 CATEGORY NO.5 DOWNTOWN PROJECT

Sheet \_\_\_\_\_ of \_\_\_\_\_



SEE ABOVE



J.C. PENNEY CO., INC.  
(VACANT)  
171

SMALL BUSINESSES  
261-263

JEFFERSON ST.

MAVERICK BUILDING  
(VACANT)  
173

HYATT REGENCY HOTEL  
312

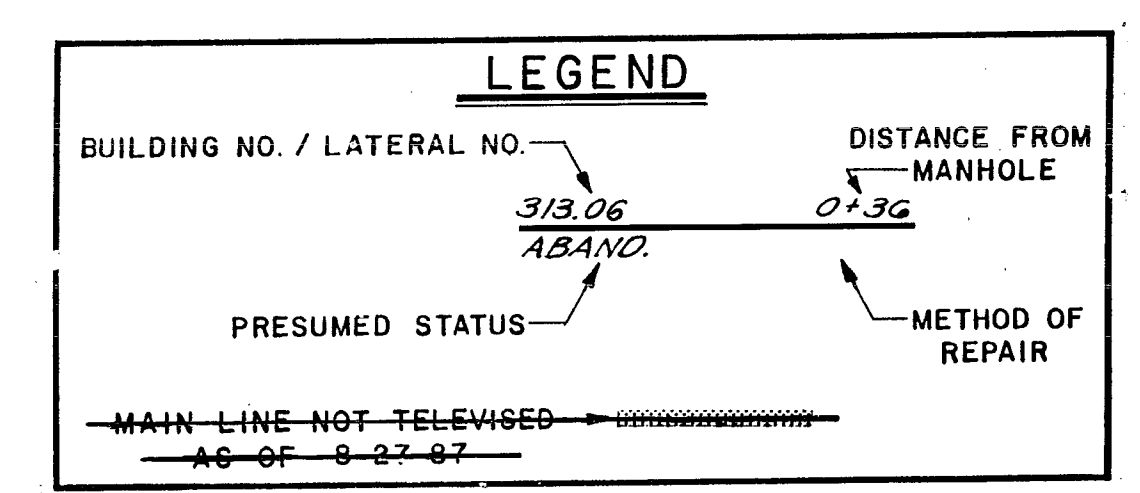
RIVERSIDE HOTEL  
CONDIMINIUM  
259

NIX PURCHASING AND RECEIVING  
(VACANT)  
170

CONTRACT  
BOUNDARY

DRYCON ONLY

TRAVIS PARK



SCALE: HORIZ. 1"=20'

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  - SIPHON STRUCTURE

SEE BELOW

Drawing No.

Revisions

No.

Date

App.

padva

group

Date: FEB., 1988

Designed by: U.B.

Drawn by: J.M. & R.H.

Checked by: U.B.

Scale: 1"=20'

San Antonio

WASTEWATER

UTILITIES

IMPROVEMENTS

201 CATEGORY NO.5 DOWNTOWN PROJECT

MANHOLE AND MAINLINE REHABILITATION

"PLAN OF RECORD"

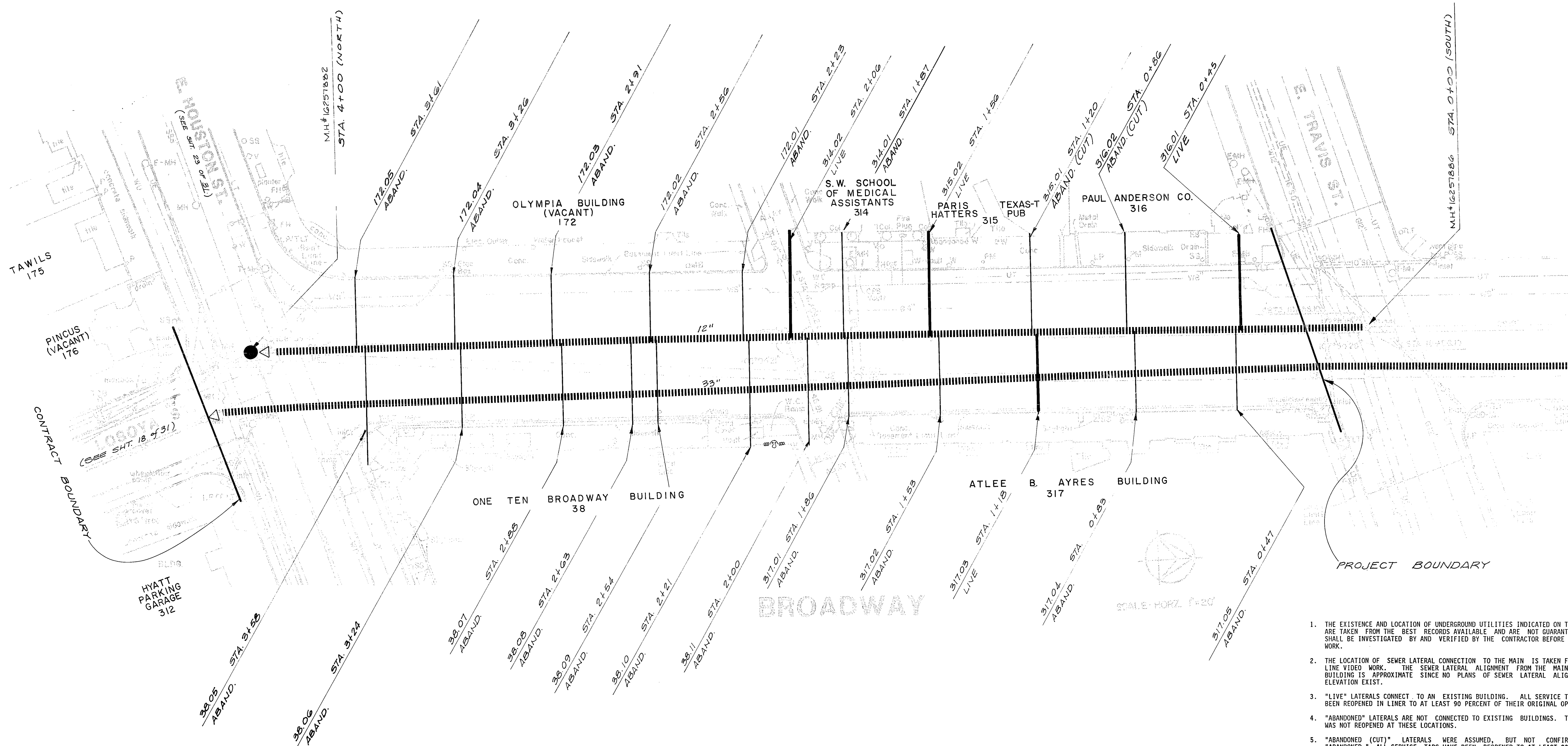
Sheet

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of

31

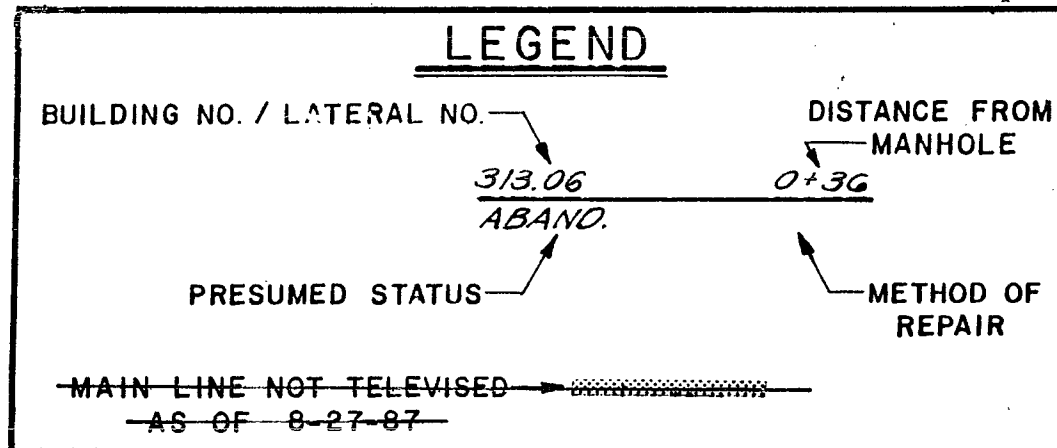




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App. Revisions

No. Date

Designed by  
Drawn by  
Checked by  
Scale

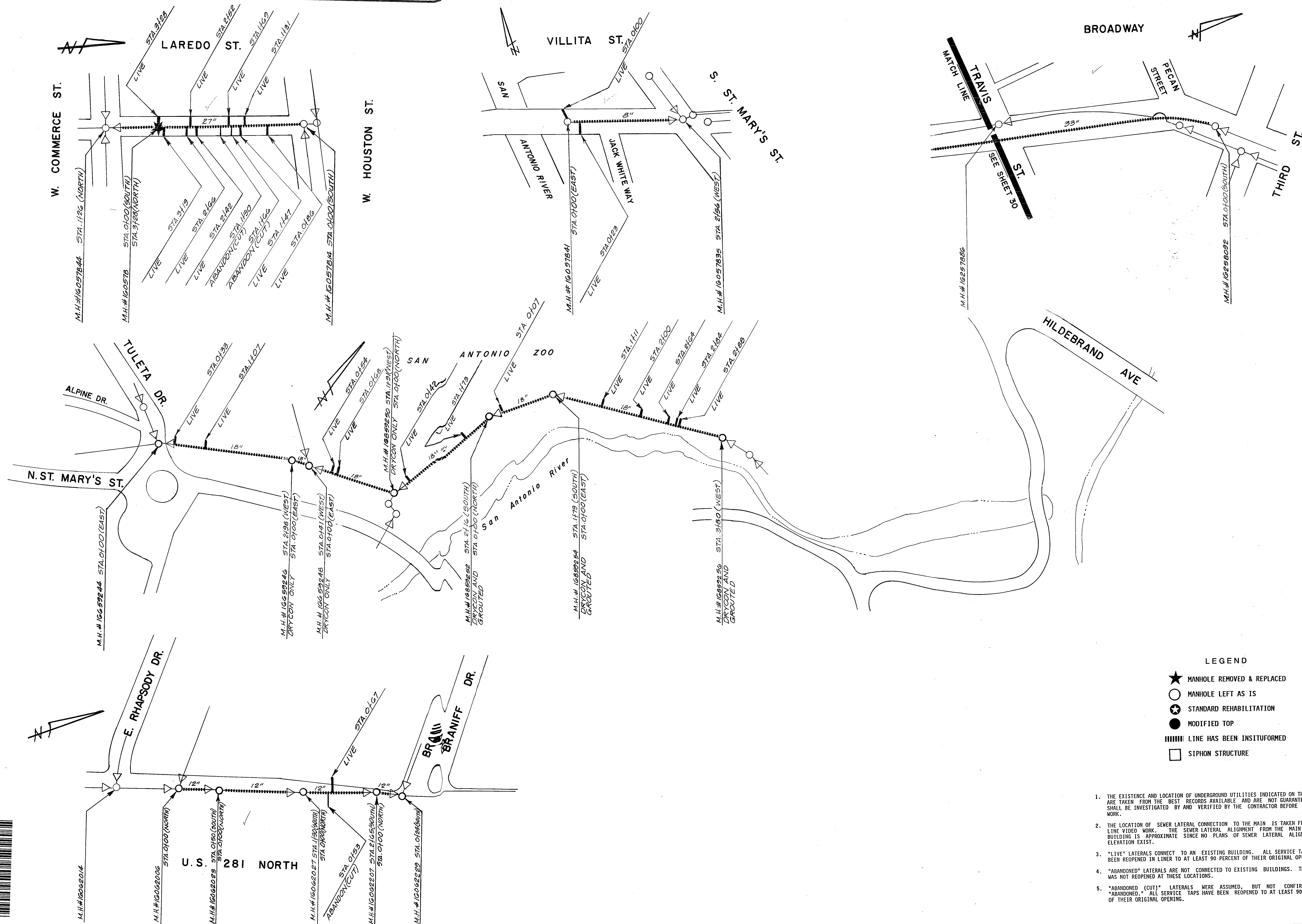
201 CATEGORY NO.5 DOWNTOWN PROJECT  
MANHOLE AND MAINLINE REHABILITATION  
"PLAN OF RECORD"

Sheet 30  
of 31

WasteWater  
Resources  
Improvements

San Antonio

pd va  
Group

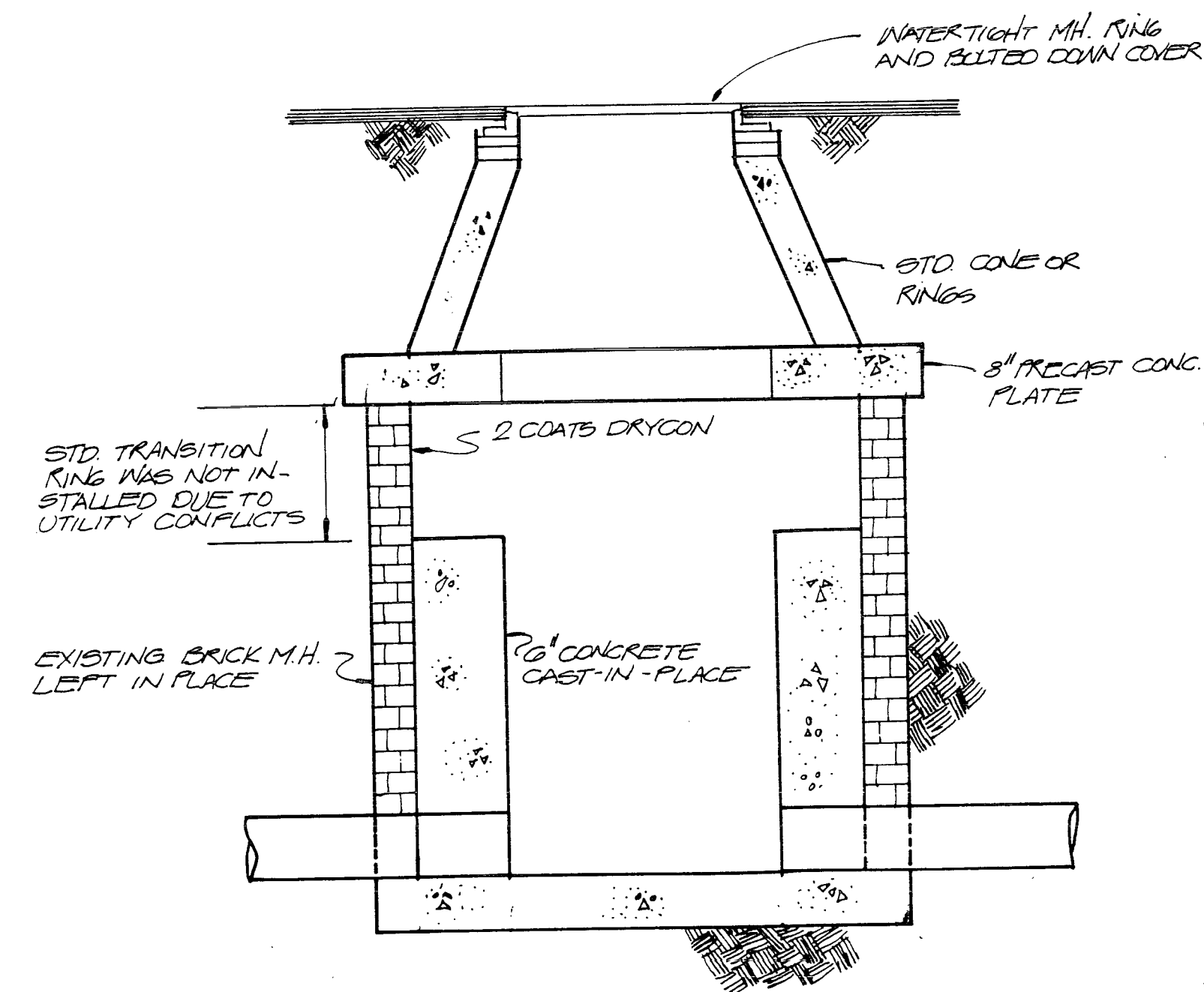


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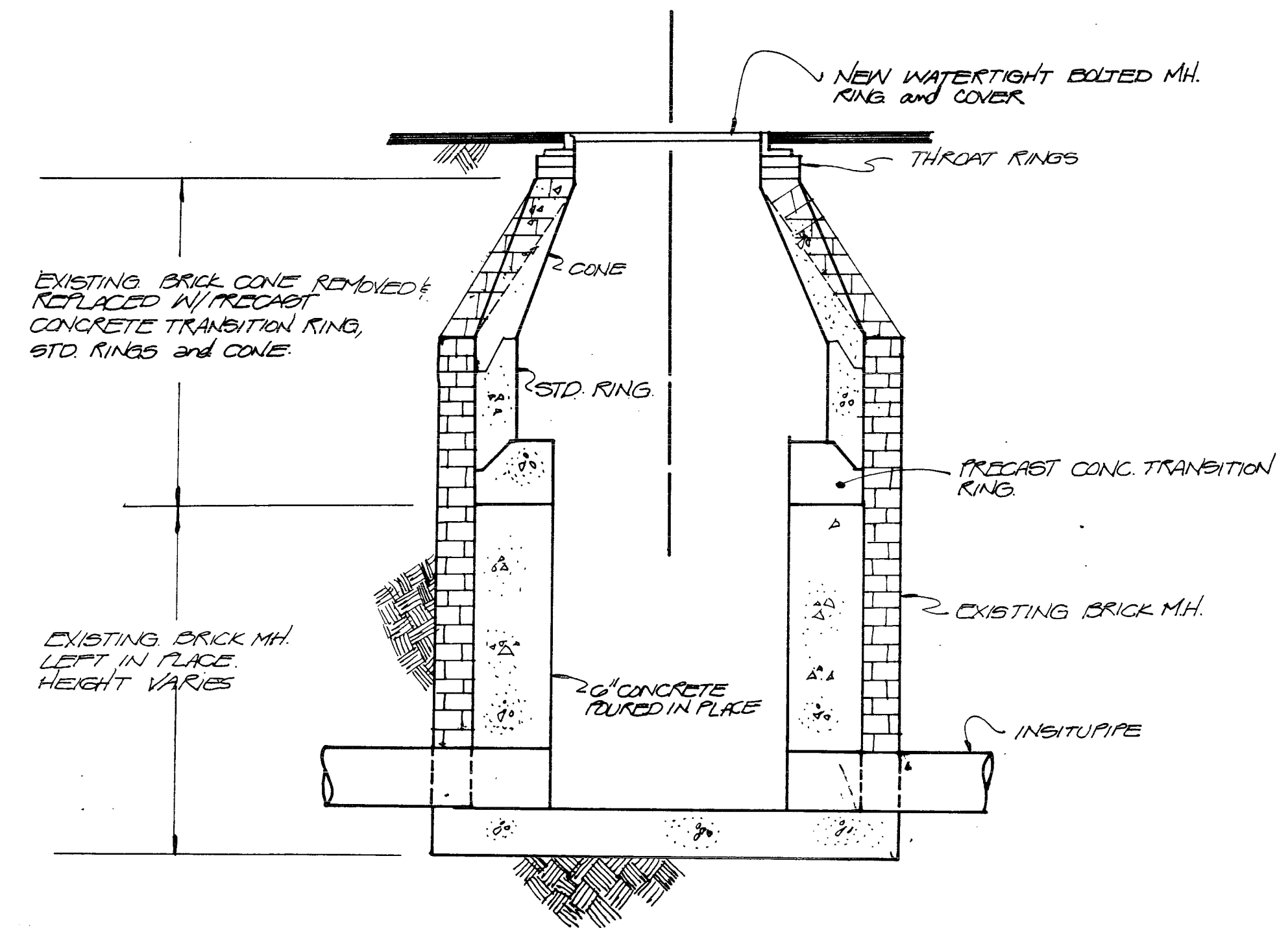
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201 CATEGORY NO.5 DOWNTOWN PROJECT		San Antonio	WASTEWATER FACILITIES	pd va group	Drawing No.
MANHOLE AND MAINLINE REHABILITATION					
Sheet	30				
of	31				
Revisions		Date: APRIL, 1999			
No.		Designed by: J.B.			
Date		Drawn by: R.V.H.			
		Checked by: J.B.			
		Scale: 1" = 100'			





MODIFIED TOP



STANDARD REHABILITATION

NOTE: ALL TOPS OF MANHOLES WERE CONCRETE  
ENCASED PER C.S.A. SPECIFICATIONS.

Drawing No.

pd va  
group

Date  
Designed by  
Drawn by  
Checked by  
Scale



PREPARED FOR:  
THE CITY OF SAN ANTONIO  
DEPARTMENT OF  
ENVIRONMENTAL MANAGEMENT

201 CATEGORY NO.5 DOWNTOWN PROJECT  
MANHOLE AND MAINLINE REHABILITATION  
"PLAN OF RECORD"

Sheet 31  
of 31

TWO-O-ONE CAT 2 25-31