city of
san luis obispo

Ron Dunin
mayor

Peg Pinard
Penny Rappa
Jerry Reiss
Bill Roalman
council members

10-1.01A Operation Procedures. The Contractor will only be allowed to work Monday through Friday between the hours of 7:00 a.m. and 5:00 p.m. (except as modified below).

No work will be allowed from November 15 to January 1 on Marsh Street, Nipomo Street, Peach Street, and Chorro Street. All excavations in these areas shall have final paving placed prior to this time period.

All construction work in the intersection of South Street and Beebee Street, and on Marsh from Carmel to Nipomo, shall be performed between the hours of 9:00 a.m. and 3:00 p.m.

The Contractor will be allowed to close the intersection of Higuera Street and Nipomo Street and work on the days and between the hours listed below:

Monday, Tuesday, Wednesday & Friday:	12:00 a.m. to 8:00 a.m. 6:00 p.m. to midnight
Thursday:	12:00 a.m. to 8:00 a.m.

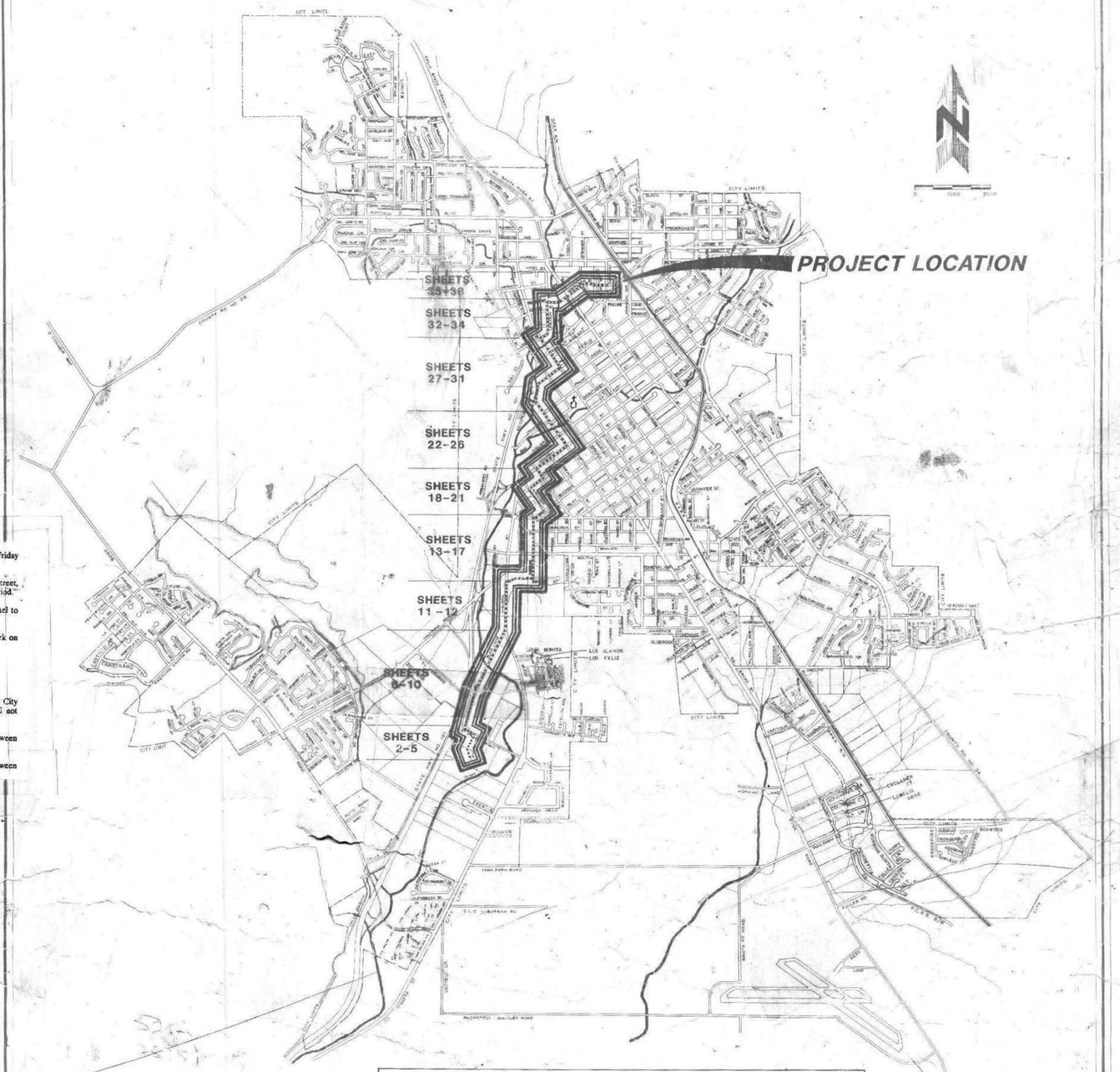
If the contractor does close the intersection, a detour plan will be required to be submitted to the City Engineer for review a minimum of four working days prior to closure, for approval. Contractor shall not proceed prior to receiving approval.

All construction work in the intersection of Santa Rosa Street and Montalban shall be performed between the hours of 7:00 p.m. and 6:00 a.m.

All work within Caltrans right-of-way at Prado Road, Elks Lane and Marsh St. shall be performed between the hours of 9:00 a.m. and 3:00 p.m.

GENERAL NOTES

1. THE AERIAL PHOTOGRAPHS USED ON THESE PLANS WERE TAKEN IN DECEMBER OF 1988 AND MAY NOT REPRESENT CURRENT CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE TO SURVEY THE ROUTE TO DETERMINE THE EXISTING CONDITIONS.
2. THE CONTRACTOR SHALL POTHOLE EXISTING UTILITIES OR EXCAVATE TENCH A MINIMUM OF 150 FEET AHEAD OF PIPE LAYIN OPERATIONS IN CASE ADJUSTMENT OF NE[illegible]DE IS NECESSARY TO AVOID CONFLICTS.
3. THE CONTRACTOR SHALL PROVIDE ALL SHORING NECESSARY TO COMPLY WITH OSHA AND PROTECT EXISTING FACILITIES.



NOTE

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR OR PERMITTEE TO CONTACT "UNDERGROUND SERVICE ALERT USA" TOLL FREE AT 1-800-642-2444 FORTY-EIGHT (48) HOURS PRIOR TO START OF CONSTRUCTION, FOR LOCATION OF POWER, TELEPHONE, OIL AND NATURAL GAS UNDERGROUND FACILITIES. HE SHALL ALSO CONTACT THE APPROPRIATE AGENCY FOR THE LOCATION OF CABLE TV, WATER, SEWER, DRAINAGE OR UNDERGROUND FACILITIES.

THE CONTRACTOR SHALL POSSESS A CLASS 'A' LICENSE AT THE TIME THAT THIS CONTRACT IS AWARDED
or
'C-34'

5 NOT PUNCH
• OLD PIPE ABS SPH

136
132
128
124
120

4" WATER

(E) PAVEMENT

INSTALL 48" SEWERLINE

Slope = .08%

6+90	7+25	7+50	7+75	8+00	8+25	8+50	8+75	9+00	9+25	9+50	9+75	10+00	10+25	10+50
123.90 ft	123.93 ft	123.95 ft	123.97 ft	123.98 ft	124.01 ft	124.03 ft	124.05 ft	124.07 ft	124.09 ft	124.11 ft	124.13 ft	124.15 ft	124.17 ft	124.19 ft

6+00 7+00 8+00 9+00 10+00 11+00

JUNE 10 START 7:30

150 FT DAY JUNE 10 END 4:15 (Last Point in Ground)

THE JUNE 11 START 7:30 AM

190 FT DAY 340 FT TOTAL JUNE 11 END (Point of Pipe)

JUNE 10 START

10+65 MATCH LINE

NEW 30" ϕ TEST MANHOLE OK 25 JUNE 91 10 AM

"WATER LINE W/MANHOLE W/ 2-5 DROP 2'-0" PARALLEL TO ℄ PITCH

BUILDING

4" FLUSHING WATER

10" FORCE MAIN

1" WATER

30" SEWER

6" SLUDGE

CONTROL STRUCTURE

SLUDGE DRYING BEDS

6" SLUDGE DRAIN

6" SLUDGE INFLUENT

1" WATER

30" SEWER

SURVEY LINE

4" FLUSHING WATER

(E) DRAIN LINE LOCATION AND DEPTH UNKNOWN

EQUALIZATION POND

1 NEW 30"ϕ STEEL CASE TO BE CASED

EXTRA WORK

10	150
11	190
12	14
	150
	193
wk1	696

STA. 6+90
BEGIN PROJECT
CONSTRUCT JUNCTION STRUCTURE. SEE SHTS. 3 & 39 OF 42 FOR DETAILS.

THE (E) 30" SEWERLINE AND 6" SLUDGE INFLUENT LINE SHALL REMAIN IN SERVICE AT ALL TIMES.

REMOVE FENCE AS NECESSARY AND REPLACE IN KIND.

UNSHORED ARCH
18'4 - 6'-8" TOP OF PIPE
30'4 - 6'-0 TOP OF PIPE

ACTUAL DROP 5'-0"

17' BROKEN 30" SEWER

MATCH LINE 10+65

Exp 6/30/93

city of san luis obispo

SEWER MAIN IMPROVEMENT PROJECT
PHASE 1
WASTE WATER TREATMENT PLANT TO HATHWAY

REVISIONS			
NATURE	BY	APPRVD	DATE

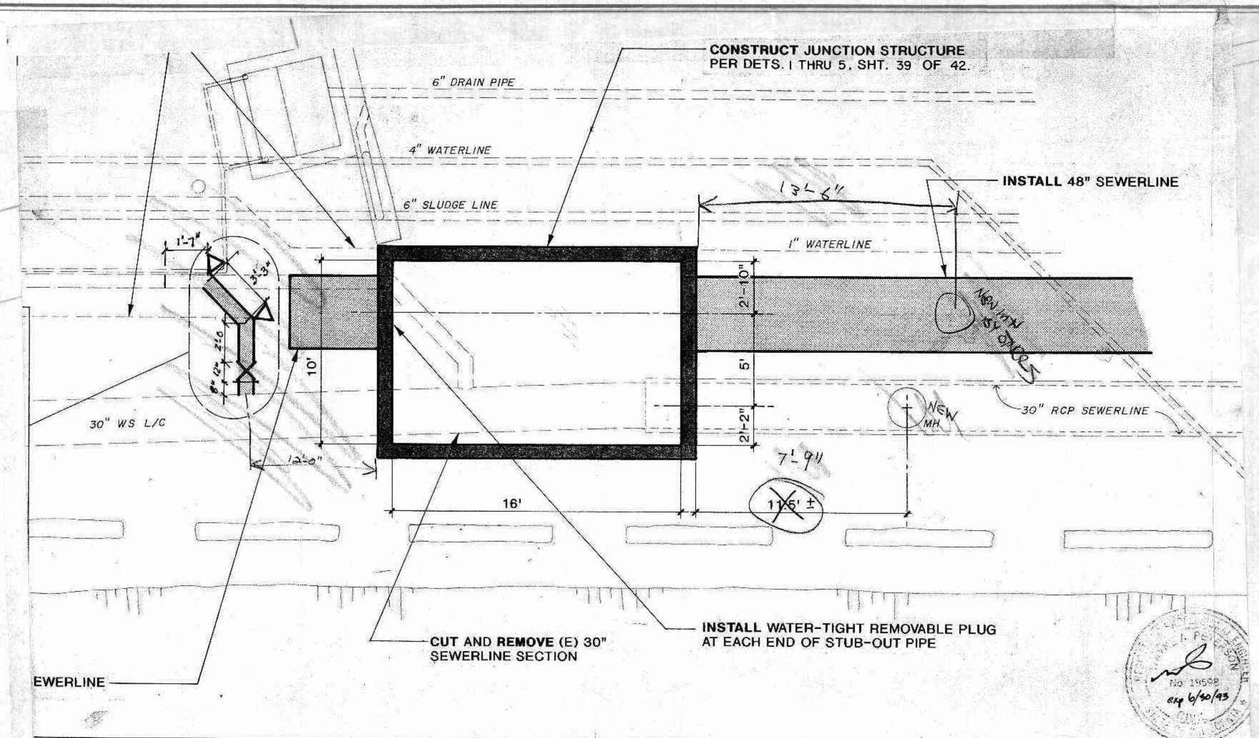
APPROVED BY William T. Rettmann
UTILITIES DEPT.

DRAWN BY	JDL, RMH	DATE	APR. '90
DESIGNED BY	GWH	SCALE	H: 1" = 20' V: 1" = 4'
CHECKED BY	JWH	REF.	
APPROVED BY	CITY ENGINEER		

PLAN & PROFILE
STATIONING
6+90 — 10+65
WWTR

2 OF 4

CITY PLAN NO. N-51



PROVEMENT PROJECT
ASE 1
MENT PLANT TO HATHWAY

RELOCATE (
WATERLINE A
JUNCTION S
MATERIALS
RELOCATION.

REVISIONS			
NATURE	BY	APPRVD	DATE

APPROVED BY William T. Holland

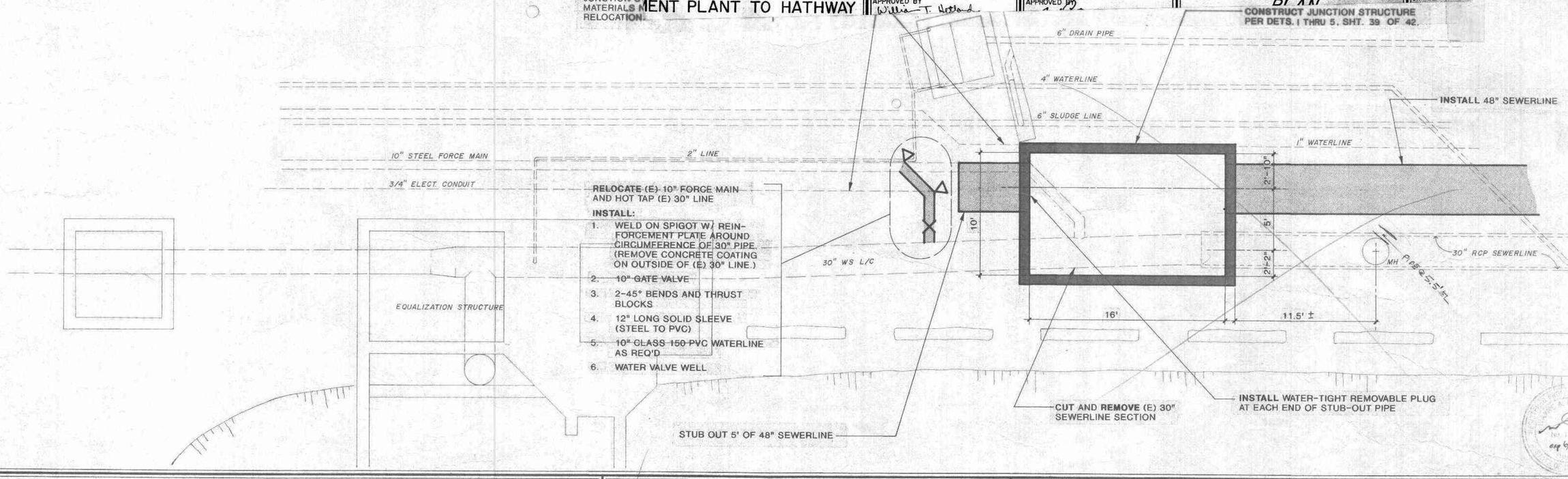
DRAWN BY	JDL, RMH	DATE	APR. '90
DESIGNED BY	GWH	SCALE	1/4" = 1'-0"
CHECKED BY	JWH	REF.	
APPROVED BY			

JUNCTION STRUCTURE PLAN

3 OF 4

CITY PLAN NO.

CONSTRUCT JUNCTION STRUCTURE
PER DETS. 1 THRU 5, SHT. 39 OF 42.



City of San Luis Obispo

SEWER MAIN IMPROVEMENT PROJECT
PHASE 1
WASTE WATER TREATMENT PLANT TO HATHWAY

REVISIONS			
NATURE	BY	APPRVD	DATE

APPROVED BY William T. Holland
UTILITIES DEPT.

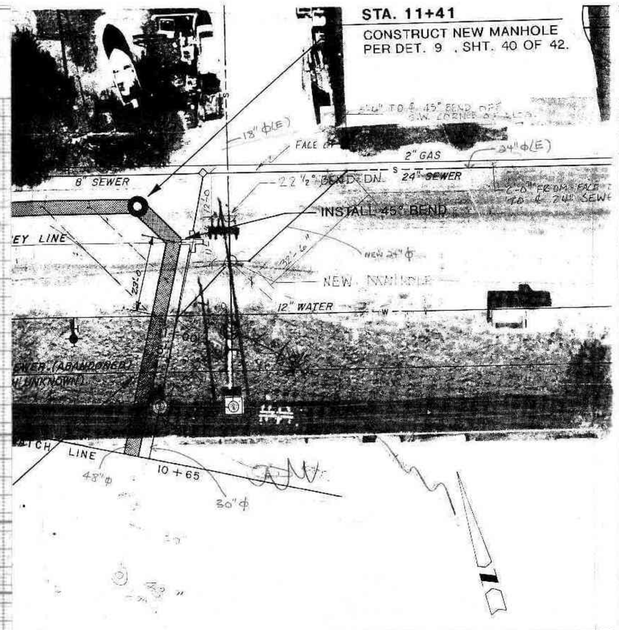
DRAWN BY	JDL, RMH	DATE	APR. '90
DESIGNED BY	GWH	SCALE	1/4" = 1'-0"
CHECKED BY	JWH	REF.	
APPROVED BY			

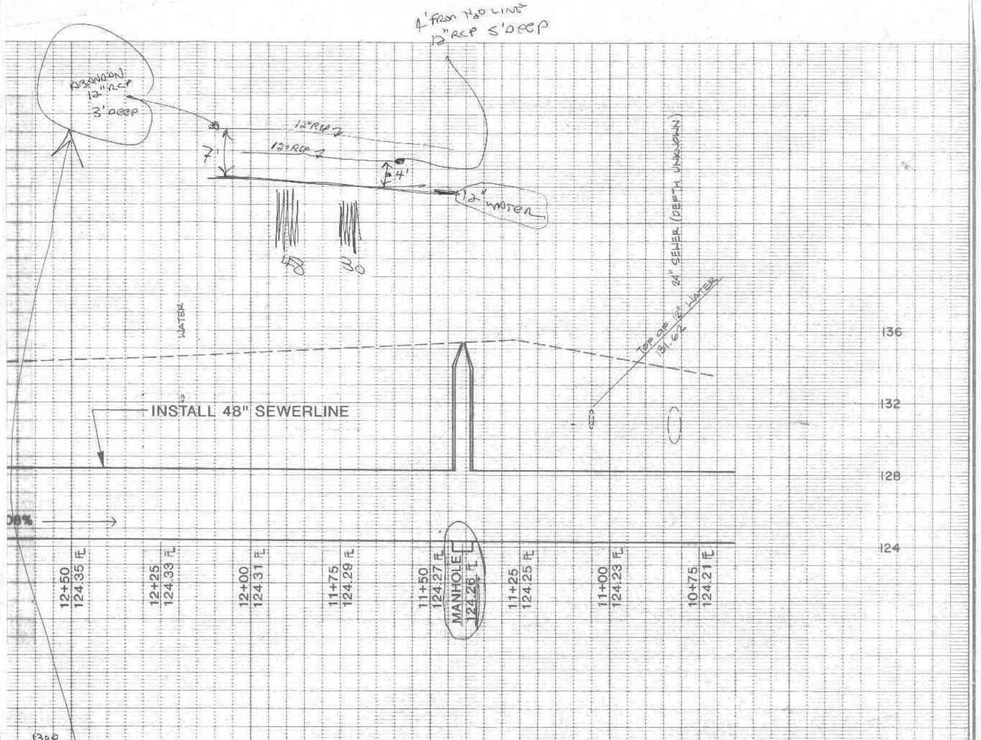
CITY ENGINEER

JUNCTION STRUCTURE
PLAN

3 OF 42

CITY PLAN NO.
N-51R

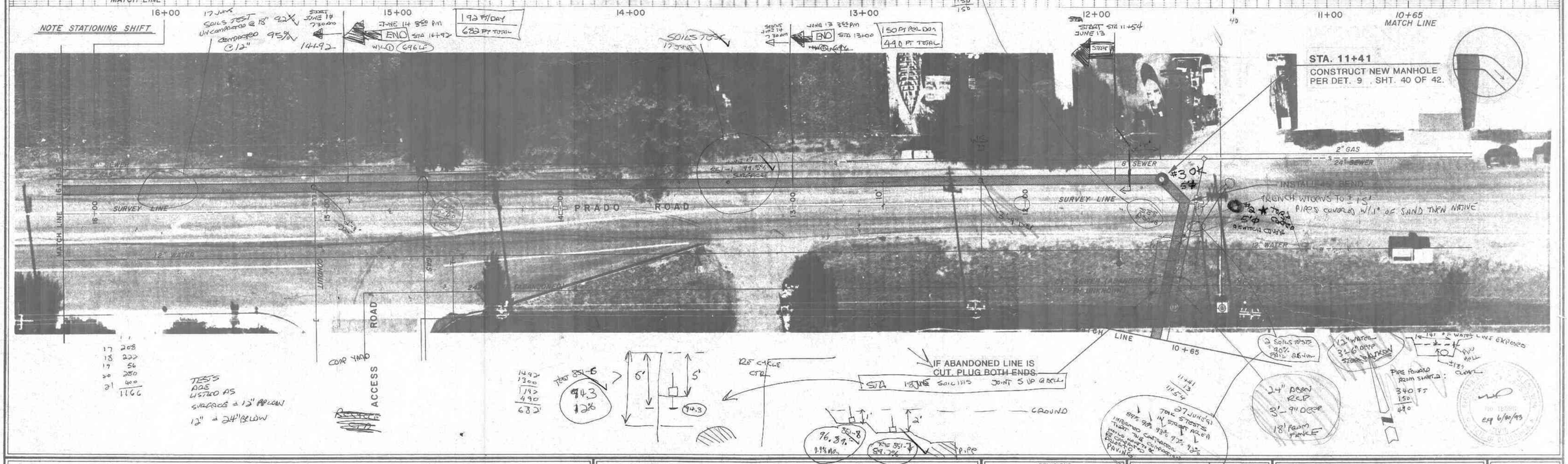




APPRVD	DATE	DRAWN BY JDL, RMH	DATE APR. '90
		DESIGNED BY GWH	SCALE H: 1" = 20' V: 1" = 4'
		CHECKED BY JWH	REF
		APPROVED BY CITY ENGINEER	

PLAN & PROFILE
STATIONING
10+65 — 16+13.5
PRADO ROAD

16+13.5 MATCH LINE



City of San Luis Obispo

SEWER MAIN IMPROVEMENT PROJECT
PHASE 1
WASTE WATER TREATMENT PLANT TO HATHWAY

REVISIONS			
NATURE	BY	APPRVD	DATE

APPROVED BY
William T. Rutland
UTILITIES DEPT.

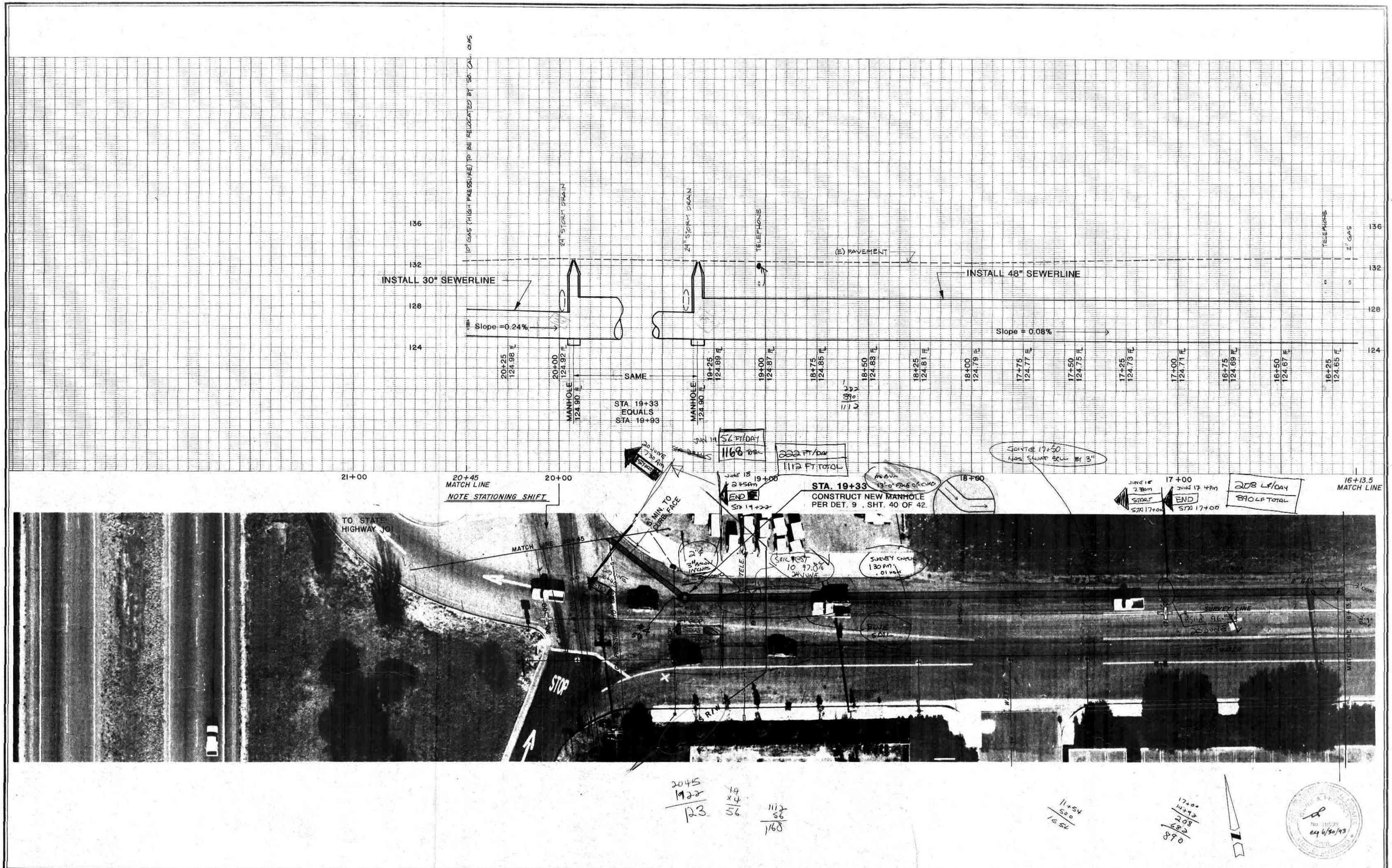
DRAWN BY JDL, RMH	DATE APR. '90		
DESIGNED BY GWH	SCALE H: 1" = 20' V: 1" = 4'		
CHECKED BY JWH	REF.		
APPROVED BY CITY ENGINEER			

PLAN & PROFILE
STATIONING
10+65 — 16+13.5
PRADO ROAD

4 OF 42

CITY PLAN NO. N-51R

SCARAB GRAPHICS NO. 109644

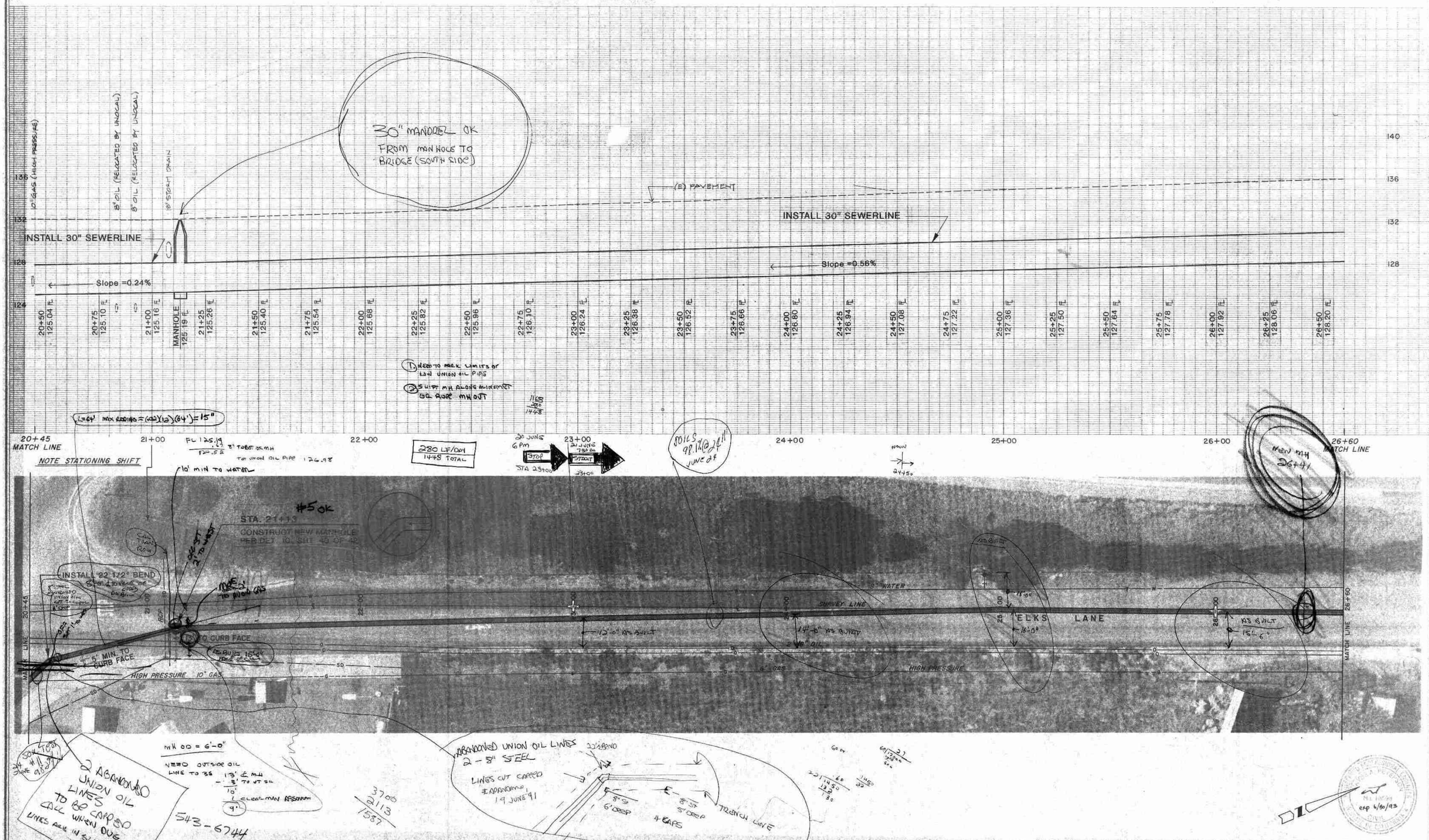


city of san luis obispo	SEWER MAIN IMPROVEMENT PROJECT PHASE 1 WASTE WATER TREATMENT PLANT TO HATHWAY	REVISIONS NATURE / BY / APPRVD / DATE APPROVED BY William T. Hetland UTILITIES DEPT.	DRAWN BY JDL, RMH DESIGNED BY GWH CHECKED BY JWH APPROVED BY CITY ENGINEER	DATE APR. '90 SCALE H: 1" = 20' V: 1" = 4' REF.	PLAN & PROFILE STATIONING 16+13.5 — 20 + 45 PRADO ROAD

5 OF 42

CITY PLAN NO. N-51R

SCARAB GRAPHICS NO. 109694



City of San Luis Obispo

SEWER MAIN IMPROVEMENT PROJECT
PHASE 1
WASTE WATER TREATMENT PLANT TO HATHWAY

REVISIONS			
NATURE	BY	APPRVD	DATE

APPROVED BY
William T. Holland
UTILITIES DEPT.

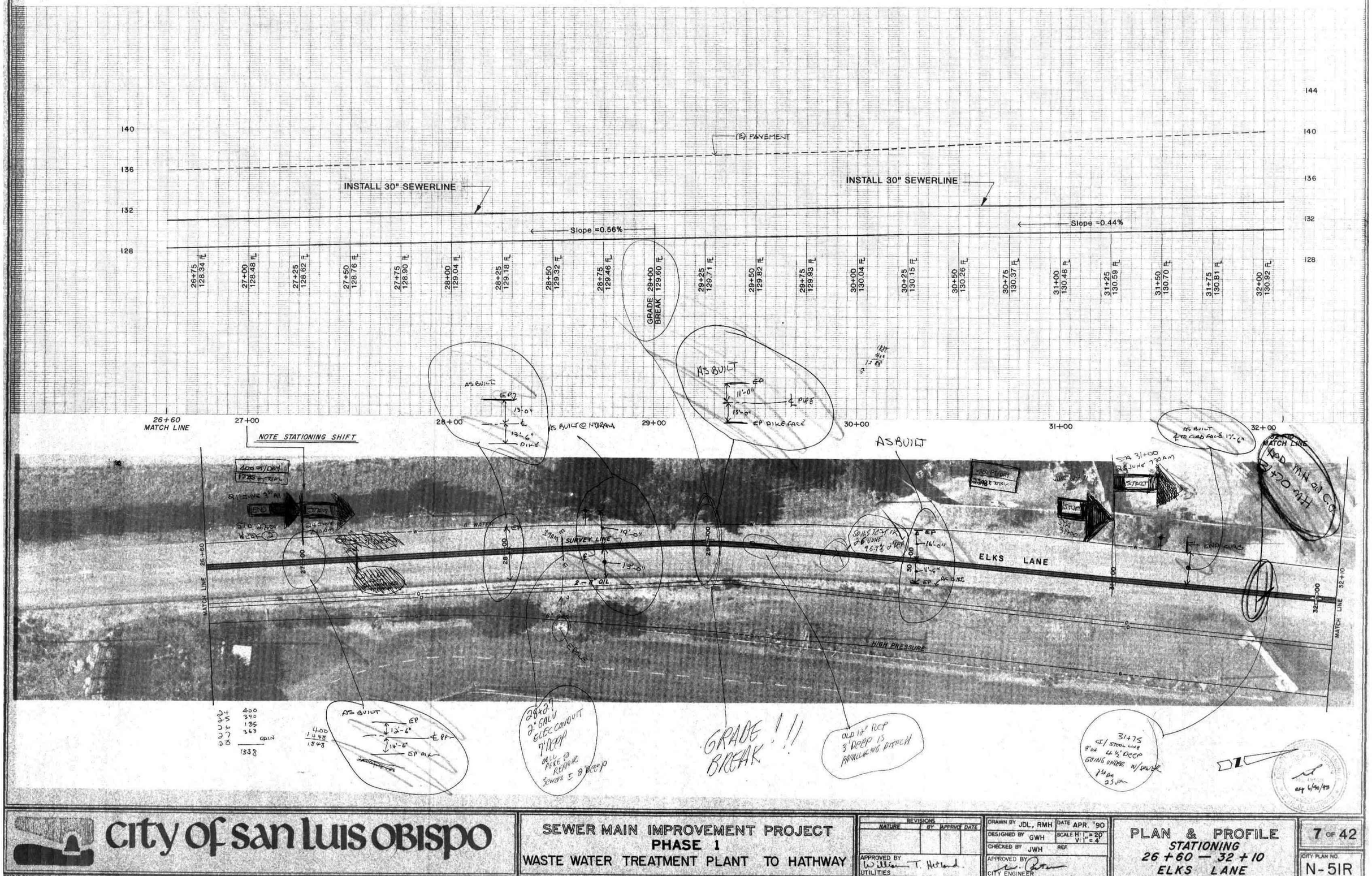
DRAWN BY	JDL, RMH	DATE	APR. '90
DESIGNED BY	GWH	SCALE	H: 1" = 20' V: 1" = 4'
CHECKED BY	JWH	REF.	

APPROVED BY
CITY ENGINEER

PLAN & PROFILE
STATIONING
20 + 45 — 26 + 60
ELKS LANE

6 OF 42

CITY PLAN NO.
N-51R



city of san luis obispo

SEWER MAIN IMPROVEMENT PROJECT
PHASE 1
WASTE WATER TREATMENT PLANT TO HATHWAY

REVISIONS			
NATURE	BY	APPRVD	DATE

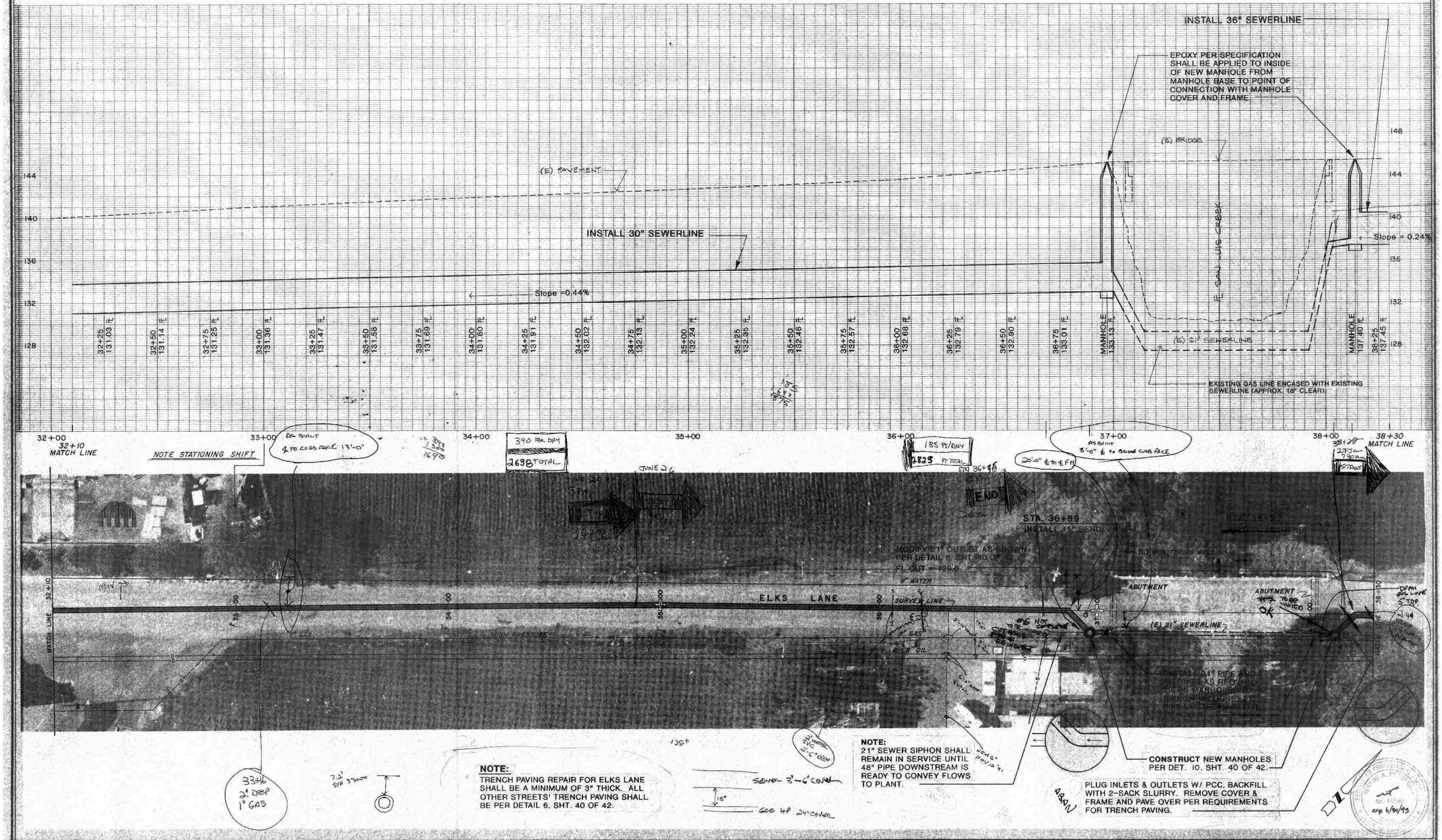
APPROVED BY William T. Hetland
UTILITIES

DRAWN BY JDL, RMH | DATE APR. '90
DESIGNED BY GWH | SCALE H: 1" = 20' V: 1" = 4'
CHECKED BY JWH | REF.
APPROVED BY
CITY ENGINEER

PLAN & PROFILE
STATIONING
26 + 60 — 32 + 10
ELKS LANE

7 OF 42

CITY PLAN NO. N-51R



city of san luis obispo

SEWER MAIN IMPROVEMENT PROJECT
PHASE 1
WASTE WATER TREATMENT PLANT TO HATHWAY

REVISIONS			
NATURE	BY	APPRVD	DATE

APPROVED BY William T. Hetland
UTILITIES DEPT.

DRAWN BY JDL, RMH — DATE APR. '90
DESIGNED BY GWH — SCALE H: 1" = 20' V: 1" = 4'
CHECKED BY JWH — REF.
APPROVED BY
CITY ENGINEER

PLAN & PROFILE
STATIONING
32 + 10 — 38 + 30
ELKS LANE

8 OF 42

CITY PLAN NO. N-51R

148
144
140
136

(E) PAVEMENT

2" GAS

INSTALL 36" SEWERLINE

Slope = 0.24%

38+50 137.51 FL
38+75 137.57 FL
39+00 137.63 FL
39+25 137.69 FL
39+50 137.75 FL
39+75 137.81 FL
40+00 137.87 FL
40+25 137.93 FL
40+50 137.99 FL
40+75 138.05 FL
41+00 138.11 FL
41+25 138.17 FL
41+50 138.23 FL
41+75 138.29 FL
42+00 138.35 FL
42+25 138.41 FL
42+50 138.47 FL
42+75 138.53 FL
43+00 138.59 FL
43+25 138.65 FL
43+50 138.71 FL
43+75 138.77 FL
44+00 138.83 FL

38+30 MATCH LINE
39+00
NOTE STATIONING SHIFT
40+00
41+00
42+00
43+00
44+00
44+05 MATCH LINE

3" GAS
2'-4" DROP

LAT 41+25

363 RR. DIP

4.5% 26' SWAGE

41+85 STOP

WEEK 3

JDL 1 TRAM

START 41+85

ELKS

43+00 ASBUILT
EPIPE-FORCE SWER, 10'-0" FROM BRIDGE TO MH 45 BEND

JIE IN LATERAL

8" WATER
SURVEY LINE
21" SEWER
2-8" OIL
8" GAS
ELKS LANE
HIGH PRESSURE
MATCH LINE 38+30
MATCH LINE 44+05

check sewerline size here. Sewer group + grid map shown 30", NOT 36"!
from

1 229
2 316
3 14
559

3'-8" 6" CLAY OPP TEMP 4" HOOK UP AWNG

PLUG INLETS & OUTLETS W/ PCC, BACKFILL WITH 2-SACK SLURRY. REMOVE COVER & FRAME AND PAVE OVER PER REQUIREMENTS FOR TRENCH PAVING.

exp 6/30/93

city of san luis obispo

SEWER MAIN IMPROVEMENT PROJECT
PHASE 1
WASTE WATER TREATMENT PLANT TO HATHWAY

REVISIONS			
NATURE	BY	APPRVD	DATE

APPROVED BY William T. Holland UTILITIES DEPT.

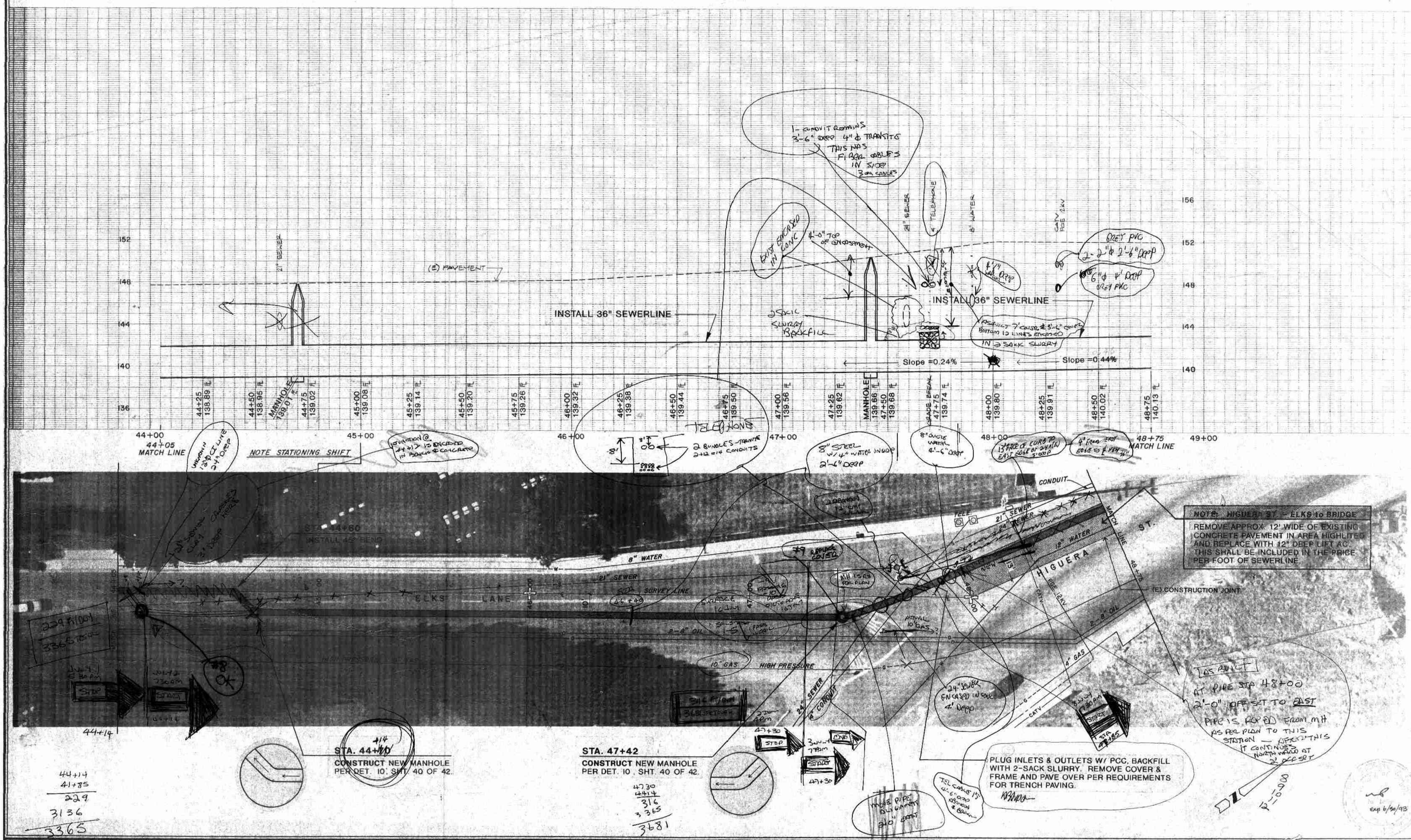
DRAWN BY JDL, RMH	DATE APR. '90		
DESIGNED BY GWH	SCALE H: 1" = 20' V: 1" = 4'		
CHECKED BY JWH	REF.		

APPROVED BY CITY ENGINEER

PLAN & PROFILE
STATIONING
38 + 30 — 44 + 05
ELKS LANE

9 OF 42

CITY PLAN NO. N-51R



city of san luis obispo

SEWER MAIN IMPROVEMENT PROJECT
PHASE 1
WASTE WATER TREATMENT PLANT TO HATHWAY

REVISIONS			
NATURE	BY	APPRVD	DATE

APPROVED BY Willis T. Hetland
UTILITIES DEPT.

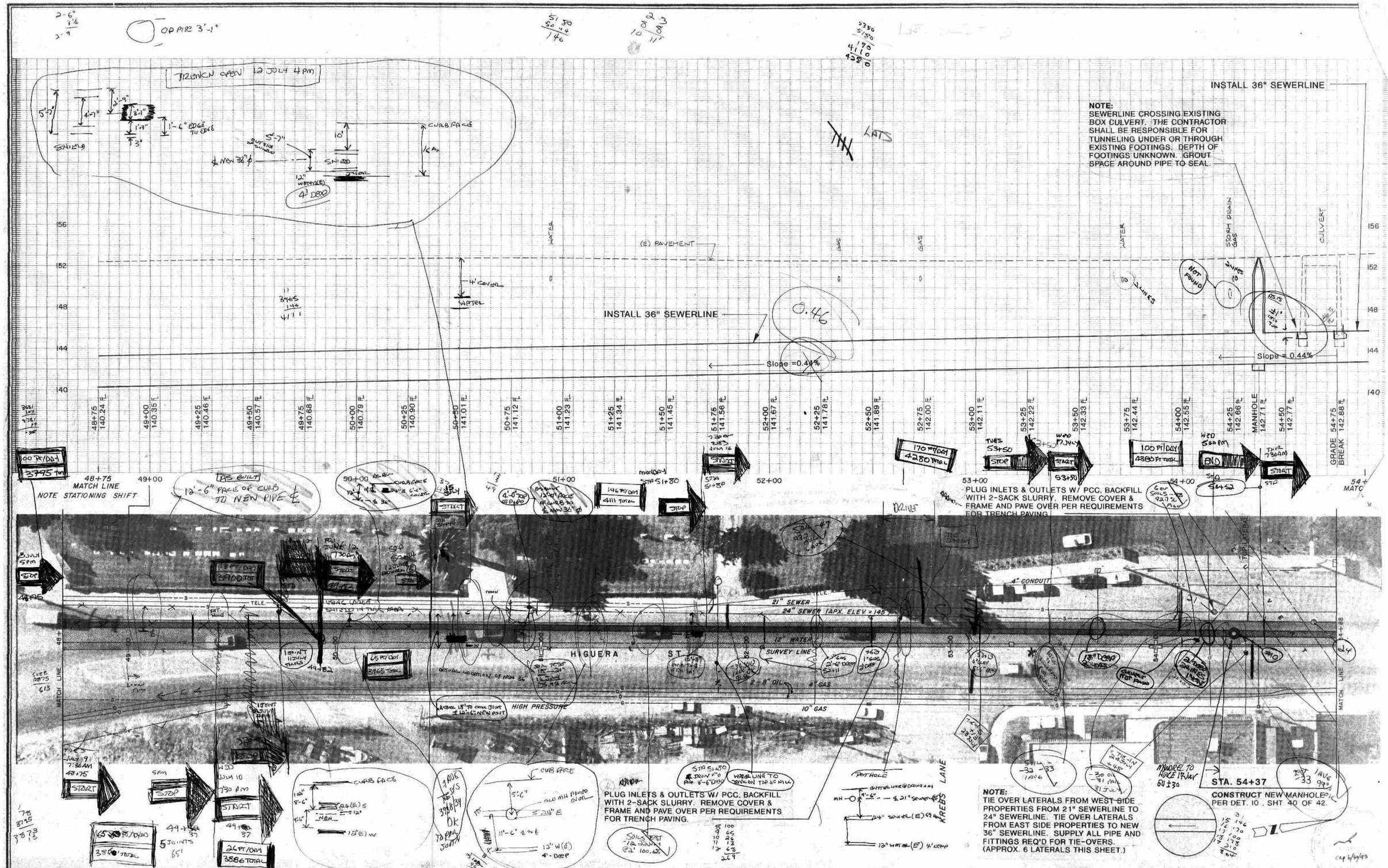
DRAWN BY	JDL, RMH	DATE	APR. '90
DESIGNED BY	GWH	SCALE	H: 1" = 20' V: 1" = 4'
CHECKED BY	JWH	REF.	
APPROVED BY			

CITY ENGINEER

PLAN & PROFILE
STATIONING
44 + 05 — 48 + 75
ELKS LANE

10 OF 42

CITY PLAN NO. N-51R



city of san luis obispo

SEWER MAIN IMPROVEMENT PROJECT
PHASE 1
WASTE WATER TREATMENT PLANT TO HATHWAY

REVISIONS			
NATURE	BY	APPRVD	DATE

APPROVED BY William T. Hetland
UTILITIES DEPT.

DRAWN BY JDL, RMH — DATE APR. '90
DESIGNED BY GWH — SCALE H: 1" = 20' V: 1" = 4'
CHECKED BY JWH — REF.
APPROVED BY
CITY ENGINEER

PLAN & PROFILE
STATIONING
48 + 75 — 54 + 88
HIGUERA

11 OF 42
CITY PLAN NO. N-51R

INSTALL 36" SEWERLINE

Slope = 0.68%

(E) PAVEMENT

FIRE HYDRANT MYD 6" LAT

4½"

NEW SEWER

STA 58+37

SEWER LAT 25 JULY

6"ϕ

STA 58+47

4'-0" DEEP

ABANDONED

54+88 MATCH LINE

55+00

60+08 MATCH LINE

60+00

HIGUERA ST

24" SEWER

12" WATER

2-8" OIL

4" GAS

10" GAS

HIGH PRESSURE

4" CONDUIT

NOTE STATIONING SHIFT

NOTE:
TIE OVER LATERALS FROM WEST SIDE PROPERTIES FROM 21" SEWERLINE TO 24" SEWERLINE. TIE OVER LATERALS FROM EAST SIDE PROPERTIES TO NEW 36" SEWERLINE. SUPPLY ALL PIPE AND FITTINGS REQ'D FOR TIE-OVERS. (APPROX. 11 LATERALS THIS SHEET.)

city of san luis obispo

SEWER MAIN IMPROVEMENT PROJECT
PHASE 1
WASTE WATER TREATMENT PLANT TO HATHWAY

REVISIONS			
NATURE	BY	APPRVD	DATE

APPROVED BY Willie T. Hetland
UTILITIES DEPT.

DRAWN BY JDL, RMH DATE APR. '90
DESIGNED BY GWH SCALE H: 1" = 20' V: 1" = 4'
CHECKED BY JWH REF.
APPROVED BY
CITY ENGINEER

PLAN & PROFILE
STATIONING
54 + 88 — 60 + 08
HIGUERA

12 OF 42

CITY PLAN NO.
N-51R

INSTALL 36" SEWERLINE

NEW 24" SEWERLINE

12" WATER

8" OIL (RELOCATED BY UNOCAL)

6" OIL (RELOCATED BY UNOCAL)

4" GAS

CATV

(2) GAS (HIGH PRES.), (2) 4" ELECT.

4" ELECT.

6" IRON 2'-8" DEEP UNKNOWN PIPE UNMARKED

8" STEEL OIL 3'-5" DEEP

8" OIL 3'-1" DEEP

3' ELECTO LIGHT POLES

10" HP GAS 3' DEEP

4" PVC 3' DEEP UNMARKED & UNKNOWN

CROSS GUTTER 6.00" WIDE

5.5" CMC CROSS GUTTER TO TOP OF NEW 4R"

4.65' TO TOP OF PIPE @ STA C-7.82 FL

TRENCH 5' WIDE

AC CROSS GUTTER

3-4" 2% 2% 2'2" DEEP INVERTS OF 8" PVC

6" 1-BOOKV 4' DEEP ELBOW

WATER LATERAL

SEWER

(E) GRADE

12" STORM DRAIN

Slope = 0.40%

Slope = 0.40%

C-7.82 INVERT

THICK =

I.D. =

4.65' COVER TOP
2.92 I.D.
.10 THICKNESS
7.67

.82
.67
.15 HIGH PIPE

60+25 146.66 FL
60+75 146.80 FL
61+00 146.90 FL
61+25 147.00 FL
61+50 147.10 FL
61+75 147.20 FL
62+00 147.30 FL
62+25 147.40 FL
62+50 147.50 FL
62+75 147.60 FL
63+00 147.70 FL
63+25 147.80 FL
63+50 147.90 FL
63+75 148.00 FL
64+00 148.10 FL
64+25 148.20 FL
64+50 148.30 FL
64+75 148.40 FL
65+00 148.50 FL
65+25 148.60 FL
65+50 148.70 FL

SAME STA. 60+38 EQUALS STA. 60+62

MANHOLE 146.75 FL

MANHOLE 146.75 FL

60+00

60+08 MATCH LINE

61+00

62+00

63+00

64+00

65+00

65+53 MATCH LINE

160
156
152
148
144

190 Ft/DAY
24.55 TOTAL

FL OUT EQUALS THAT OF (E)

INSTALL APPROX. 24' OF SEWERLINE FROM (E) TO NEW MANHOLE.

FL IN EQUALS E[illegible] 24" SEWER

CONSTRUCT [illegible] PER DET. 10 , SHT. 40 OF 42

FL OUT [illegible]

STA. 60+38
CONSTRUCT NEW MANHOLE PER DET. 10 , SHT. 40 OF 42

TIE-IN TO (E) MANHOLE AND MODIFY AS REQ'D. PLUG & ABANDON 21" SEWERLINE DOWNSTREAM.

4" E CONDUIT NOT SHOWN BY USA - POINT FROM STREET LIGHT AND/OR GAS MARKS.

PLUG 18" INLET W/ PCC INSIDE MANHOLE

INSTALL APPROX. 12" OF 24" SEWERLINE

PLUG INLETS & OUTLETS W/ PCC, BACKFILL WITH 2-SACK SLURRY, REMOVE COVER & FRAME AND PAVE OVER PER REQUIREMENTS FOR TRENCH PAVING.

INSTALL 45° 1/2" BEND

TIE-IN (E) LATERAL (LOCATION UNKNOWN). SUPPLY ALL PIPE & FITTINGS REQ'D.

2' DEEP UNMARKED POLY BUT PLUG & CAP

CURB FACE (FUTURE)

SURVEY LINE

BRIDGE ST.

18" SEWER

12" WATER

HIGH PRESSURE

CONSTRUCT NEW MANHOLE PER DET. 10 , SHT. 40 OF

12" DIP 24.0" DEEP

SEE BORE FOR AS BUILT SH. 12

12" CI WATER LINE ABOVE SEWER 6" EDGE TO EDGE

NOT FOUND

ELEC. CABINET ON TO LIGHT POLE

4" Ø 4'-0" DEEP

START

SAG 61+00

TEST 30 JULY - 28 JULY 730 AM TO 730 AM

POND UNOCAL FIELD 543-7601

CURB FACE (FUTURE) EDGE

12'-6"

2'

4'

SEWER

5' STRENGTH

EDGE GRAD

1990 1991 1992 1993 1994 1995 1996

STOP

STOP

STOP

SAG 65+00

12" DIP 30.0" DEEP

10'

65+53

MATCH LINE

NOTES:

- TIE OVER ALL EXISTING LATERALS. (APPROXIMATELY 2 THIS SHEET.)
- BRIDGE ST.- TRENCH PAVING SHALL BE A MINIMUM OF 9" DEEP LIFT.
- BRIDGE ST. HAS BEEN PARTIALLY CONSTRUCTED SINCE AERIAL PHOTO WAS TAKEN.

city of san luis OBISPO

SEWER MAIN IMPROVEMENT PROJECT
PHASE 1
WASTE WATER TREATMENT PLANT TO HATHWAY

REVISIONS			
NATURE	BY	APPRVD	DATE

APPROVED BY William T. Hetland
UTILITIES DEPT.

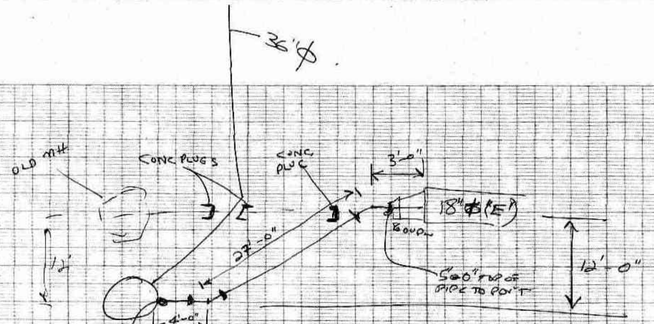
DRAWN BY JDL, RMH | DATE APR. '90
DESIGNED BY GWH | SCALE H: 1" = 20' V: 1" = 4'
CHECKED BY JWH | REF.
APPROVED BY [signature]
CITY ENGINEER

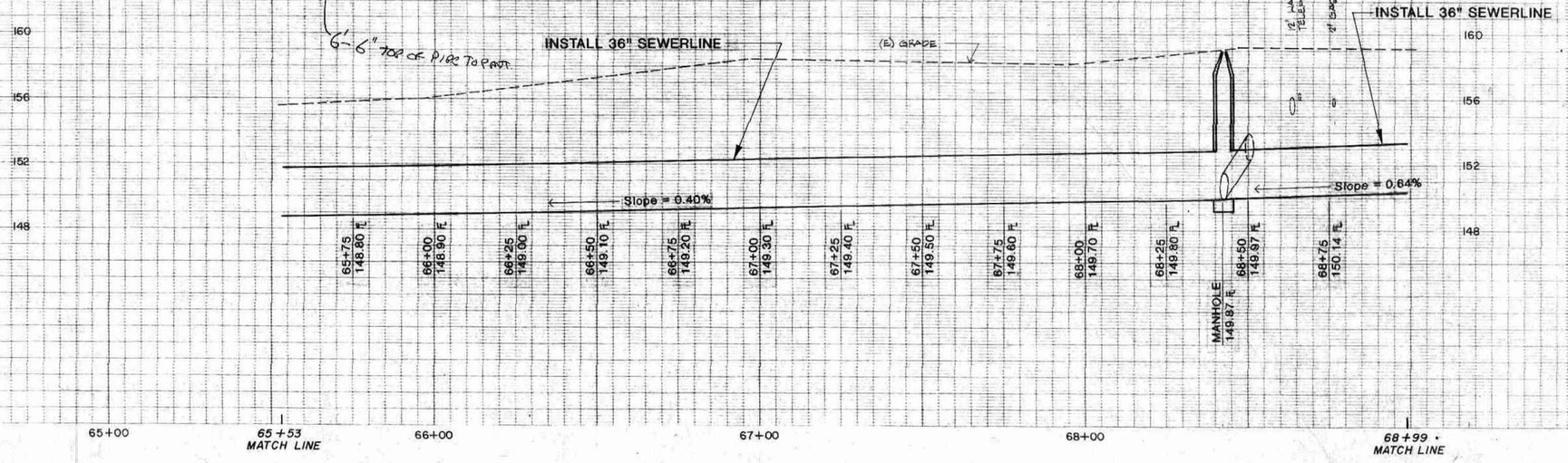
PLAN & PROFILE
STATIONING
60 + 08 — 65 + 53
BRIDGE ST.

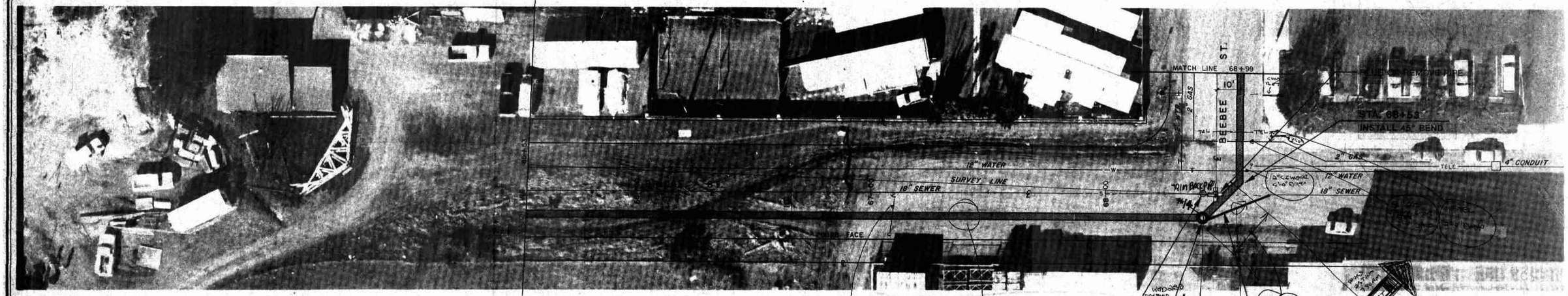
13 OF 42

CITY PLAN NO.
N-51R

Eng. 6/30/93







NOTE:
BRIDGE ST.- TRENCH PAVING SHALL BE A MINIMUM OF 9" DEEP LIFT.

city of san luis obispo

SEWER MAIN IMPROVEMENT PROJECT
PHASE 1
WASTE WATER TREATMENT PLANT TO HATHWAY

REVISIONS			
NATURE	BY	APPRVD	DATE

APPROVED BY William T. Hetland, UTILITIES DEPT.

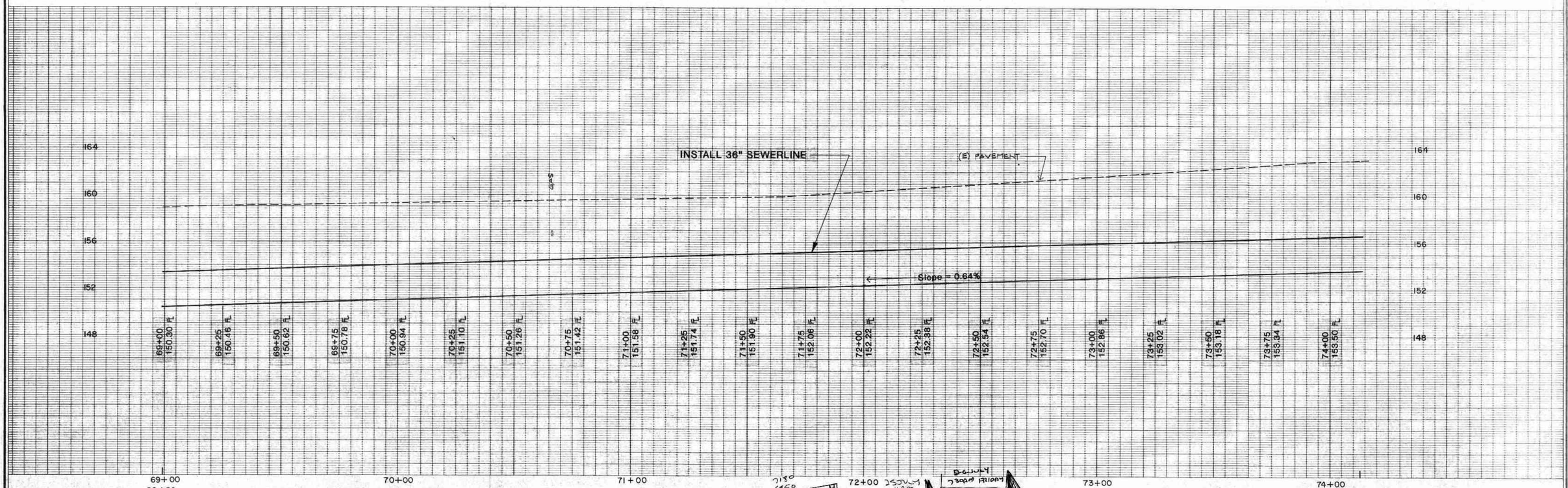
DRAWN BY JDL, RMH — DATE APR. '90
DESIGNED BY GWH — SCALE H: 1" = 20' V: 1" = 4'
CHECKED BY JWH — REF.
APPROVED BY CITY ENGINEER

PLAN & PROFILE
STATIONING
65 + 53 — 68 + 99
BRIDGE ST.

14 OF 42

CITY PLAN NO. N-51R

SCARAB GRAPHICS NO. 19884



NOTE:
TRENCH AREAS WHICH HAVE EXISTING REDROCK BASE SHALL BE PAVED WITH MINIMUM 5" AC.

city of san luis obispo

SEWER MAIN IMPROVEMENT PROJECT
PHASE 1
WASTE WATER TREATMENT PLANT TO HATHWAY

REVISIONS			
NATURE	BY	APPRVD	DATE

APPROVED BY William T. Holland
UTILITIES DEPT.

DRAWN BY JDL, RMH DATE APR. '90
DESIGNED BY GWH SCALE H: 1" = 20' V: 1" = 4'
CHECKED BY JWH REF.
APPROVED BY
CITY ENGINEER

PLAN & PROFILE
STATIONING
68 + 99 — 74 + 13
BEEBEE ST.

15 OF 42

CITY PLAN NO.
N-51R

SCARAB GRAPHICS NO. 109684

INSTALL 36" SEWERLINE

REMOVE (E) SEWERLINE AND INSTALL NEW 36" SEWERLINE

REMOVE (E) SEWERLINE AND INSTALL NEW 36" SEWERLINE

(E) PAVEMENT

Slope = 0.64%

Slope = 0.20%

Slope = 0.20%

74+00 | 74+13 MATCH LINE | 75+00 | 76+00 | 77+00 | 78+00 | 79+00 | 80+00 | 80+38 MATCH LINE

PLUG 12" IN (E) MANHOLE

REMOVE (E) MANHOLE AND PLUG (E) SEWERLINE

REMOVE EXISTING MANHOLE AND **CONSTRUCT** NEW MANHOLE PER DETAIL 10, SHT. 40 OF 42.

CONSTRUCT NEW MANHOLE PER DET. 10, SHT. 40 OF 42.

REMOVE EXISTING MANHOLE

NOTE STATIONING SHIFT

BACKFILL PIPE TO 4" ABOVE SEWERLINE W/ 5-SACK PCC A MINIMUM OF 10' ON EACH SIDE OF WATERLINE. TOTAL (4)- #4 CONT.

REMOVE (E) 18" RCP FROM CATCH BASIN TO JUNCTION STRUCTURE. INSTALL 18" PVC STORM DRAIN. INVERT AT CATCH BASIN SAME AS (E) RCP. PROVIDE A MINIMUM SLOPE OF 1% FROM CATCH BASIN TO JUNCTION STRUCTURE. (E) 18" INLET AT JUNCTION STRUCTURE SHALL BE PLUGGED WITH PCC. BREAK THROUGH STRUCTURE FOR NEW PIPE AND GROUT AROUND PIPE.

PLUG 8" IN (E) MANHOLE

NOTE:
TIE OVER ALL EXISTING LATERALS. (APPROXIMATELY 13 THIS SHEET.)

SOUTH ST.

BRANCH ST.

BEEBEE ST.

City of San Luis Obispo

SEWER MAIN IMPROVEMENT PROJECT
PHASE 1
WASTE WATER TREATMENT PLANT TO HATHWAY

REVISIONS			
NATURE	BY	APPRVD	DATE

APPROVED BY
William T. Hetland
UTILITIES DEPT.

DRAWN BY	JDL, RMH	DATE	APR. '90
DESIGNED BY	GWH	SCALE	H: 1" = 20' V: 1" = 4'
CHECKED BY	JWH	REF.	
APPROVED BY	CITY ENGINEER		

PLAN & PROFILE
STATIONING
74 + 13 — 80 + 38
BEEBEE ST.

16 OF 42

CITY PLAN NO.
N-51R

SCARAB GRAPHICS NO. 1206604

REMOVE (E) SEWERLINE AND INSTALL NEW 36" SEWERLINE

(E) PAVEMENT

Slope = 0.12%

80+38 MATCH LINE

NOTE STATIONING SHIFT

81+00

82+00

83+00

84+00

84+20 MATCH LINE

REMOVE EXISTING MANHOLE AND **CONSTRUCT** NEW MANHOLE PER DETAIL 10, SHT. 40 OF 42.

NOTE:
TIE OVER ALL EXISTING LATERALS.
(APPROXIMATELY 13 THIS SHEET.)

REMOVE (E) CLEANOUT
REMOVE LARGE BRICK STRUCTURE

SANDERCOCK ST.

HIGH ST.

City of San Luis Obispo

SEWER MAIN IMPROVEMENT PROJECT
PHASE 1
WASTE WATER TREATMENT PLANT TO HATHWAY

REVISIONS			
NATURE	BY	APPRV	DATE

APPROVED BY William T. Hatland
UTILITIES DEPT.

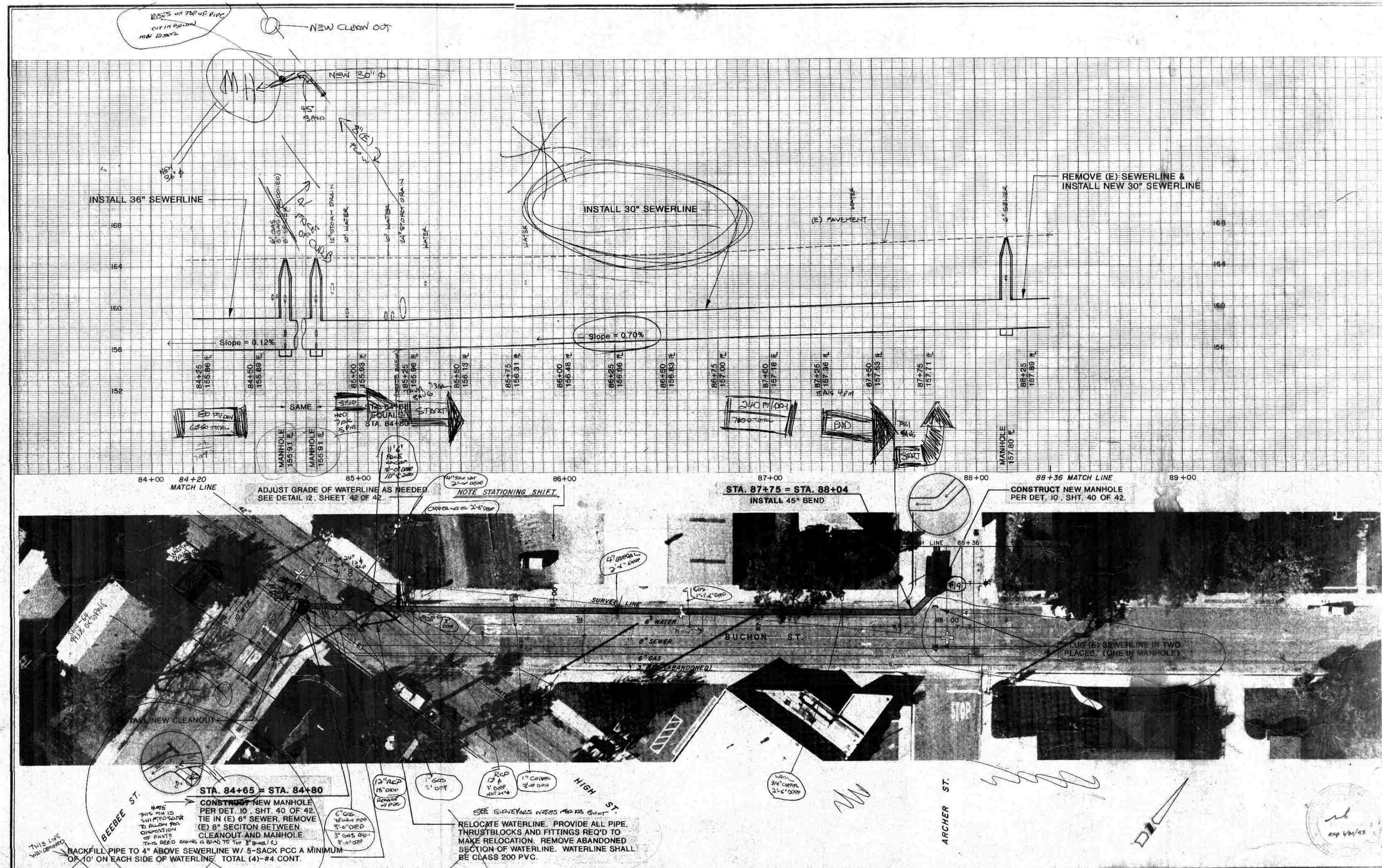
DRAWN BY JDL, RMH | DATE APR. '90
DESIGNED BY GWH | SCALE H: 1" = 20' V: 1" = 4'
CHECKED BY JWH | REF.
APPROVED BY
CITY ENGINEER

PLAN & PROFILE
STATIONING
80+38 — 84+20
BEEBEE ST.

17 OF 42

CITY PLAN NO.
N-51R

SCARAB GRAPHICS NO. 109694



city of san luis obispo

SEWER MAIN IMPROVEMENT PROJECT
PHASE 1
WASTE WATER TREATMENT PLANT TO HATHWAY

REVISIONS			
NATURE	BY	APPRVD	DATE

APPROVED BY William T. Hetland
UTILITIES DEPT.

DRAWN BY JDL, RMH — DATE APR. '90
DESIGNED BY GWH — SCALE H: 1" = 20' V: 1" = 4'
CHECKED BY JWH — REF.
APPROVED BY
CITY ENGINEER

PLAN & PROFILE
STATIONING
84 + 20 — 88 + 36
BUCHON ST.

18 OF 42
CITY PLAN NO. N-51R

REMOVE (E) SEWERLINE & INSTALL NEW 30" SEWERLINE

(E) PAVEMENT

Slope = 0.40%

REMOVE (E) SEWERLINE & INSTALL NEW 30" SEWERLINE

Slope = 0.68%

94+47 MATCH LINE

88+36 MATCH LINE

NOTE STATIONING SHIFT

ARCHER ST.

REMOVE CLEANOUT

REMOVE EXISTING MANHOLE

ROPE PIPE AS NEEDED

REMOVE EXISTING MANHOLE AND CONSTRUCT NEW MANHOLE PER DETAIL 10, SHT. 40 OF 42.

CONNECT (E) 10" SEWERLINE INLET TO NEW MANHOLE. INLET TO BE ON LEDGE ABOVE NEW 33" FL. MODIFY 10" OUTLET AS SHOWN IN DETAIL 8, SHT. 40, OF 42. FL OUT = 164.0

PISMO

NOTE:
TIE OVER ALL EXISTING LATERALS. (APPROXIMATELY 16 THIS SHEET.)

exp 4/30/93

CITY OF SAN LUIS OBISPO

SEWER MAIN IMPROVEMENT PROJECT
PHASE 1
WASTE WATER TREATMENT PLANT TO HATHWAY

REVISIONS			
NATURE	BY	APPRVD	DATE

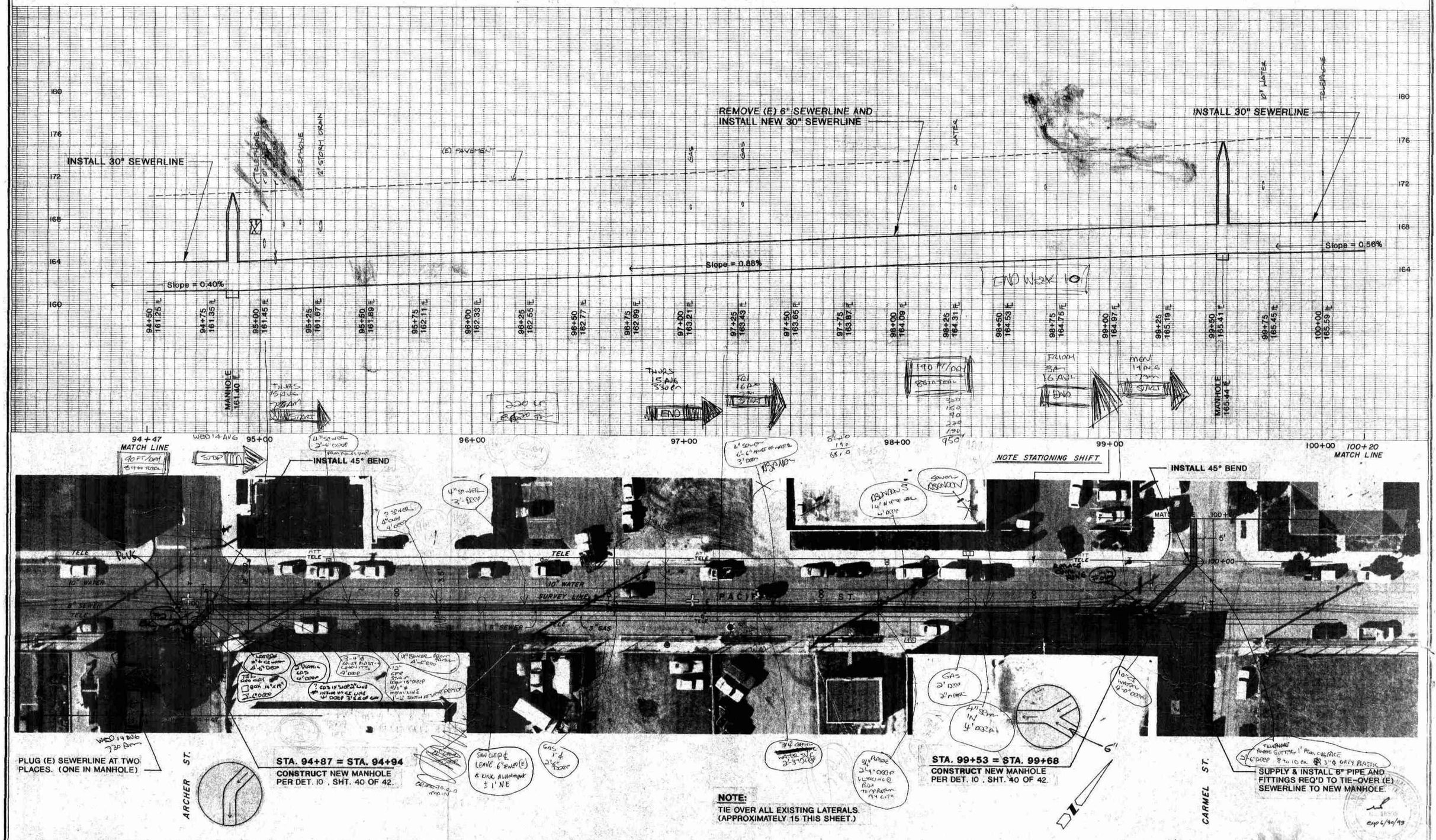
APPROVED BY William T. Holland
UTILITIES DEPT.

DRAWN BY JDL, RMH DATE APR '90
DESIGNED BY GWH SCALE H: 1" = 20' V: 1" = 4'
CHECKED BY JWH REF.
APPROVED BY [signature]
CITY ENGINEER

PLAN & PROFILE
STATIONING
88+36 — 94+47
ARCHER ST.

19 OF 42

CITY PLAN NO.
N-51R



city of san luis obispo

SEWER MAIN IMPROVEMENT PROJECT
PHASE 1
WASTE WATER TREATMENT PLANT TO HATHWAY

REVISIONS			
NATURE	BY	APPRVD	DATE

APPROVED BY William T. Hetland
UTILITIES DEPT.

DRAWN BY JDL, RMH — DATE APR. '90
DESIGNED BY GWH — SCALE H = 20' V = 4
CHECKED BY JWH — REF.
APPROVED BY
CITY ENGINEER

PLAN & PROFILE
STATIONING
94 + 47 — 100 + 20
PACIFIC ST.

20 OF 42

CITY PLAN NO. N-51R

INSTALL 30" SEWERLINE

REMOVE (E) 6" SEWERLINE AND INSTALL NEW 30" SEWERLINE

Slope = 0.88%

Slope = 0.56%

(E) PAVEMENT

CATV STORM DRAIN & GAS

TELEPHONE & WATER, ELEC.

CATV

6" SEWER

WATER

GAS

GAS

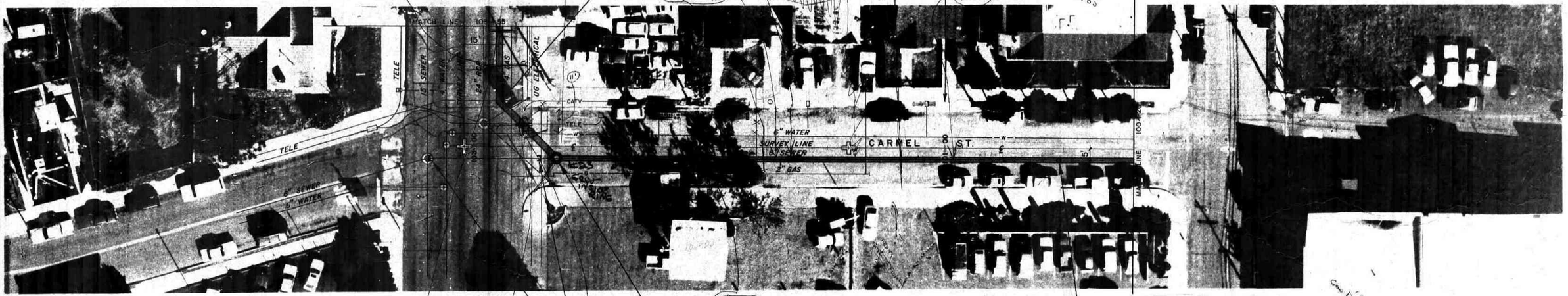
180 176 172 168 164

103+50 167.64 | 103+25 167.42 | 103+00 167.20 | MANHOLE 167.07 | 102+50 166.99 | 102+25 166.85 | 102+00 166.71 | 101+75 166.57 | 101+50 166.43 | 101+25 166.29 | 101+00 166.15 | 100+75 166.01 | 100+50 165.87 | 100+25 165.73

104+00 | 103+55 MATCH LINE | 103+00 | 102+00 | 101+00 | 100+20 MATCH LINE | 100+00 | 99+00

INSTALL 45° BEND

NOTE STATIONING SHIFT



STA. 102+65 = STA. 102+85

CONSTRUCT NEW MANHOLE PER DET. 10, SHT. 40 OF 42.

PLUG (E) SEWERLINE AT TWO PLACES. (ONE IN MANHOLE)

REMOVE (E) CLEANOUT

NOTE:
TIE OVER ALL EXISTING LATERALS. (APPROXIMATELY 6 THIS SHEET.)

CKY 4/30/93

City of San Luis Obispo

SEWER MAIN IMPROVEMENT PROJECT
PHASE 1
WASTE WATER TREATMENT PLANT TO HATHWAY

REVISIONS			
NATURE	BY	APPRVD	DATE

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CHECKED BY JWH	REF.
APPROVED BY CITY ENGINEER	

PLAN & PROFILE
STATIONING
100 + 20 — 103 + 55
CARMEL ST.

21 OF 42

CITY PLAN NO. N-51R