



PIPELINES IN CITY STREETS	
PIPELINE	FOOTAGE
10" BREA CRUDE LINE (WEST)	3,276'
6" SIGNAL HILL CRUDE LINE	1,437'
6" SIGNAL HILL DRY GAS LINE	1,353'

- LEGEND:**
- 10" BREA CRUDE LINE (WEST)
  - 6" SIGNAL HILL CRUDE LINE
  - 6" SIGNAL HILL DRY GAS LINE
  - - - CITY/COUNTY BOUNDARY

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REV.	DATE	DESCRIPTION OF REVISION	BY	CHK	APP
A	08/07/20	ISSUED FOR REVIEW	RR		

**Crimson**  
Midstream, LLC  
3760 Kilroy Airport Way, Suite 300  
Long Beach, California 90806

FRANCHISE ORD NO. 1356  
EXHIBIT  
SIGNAL HILL, CA

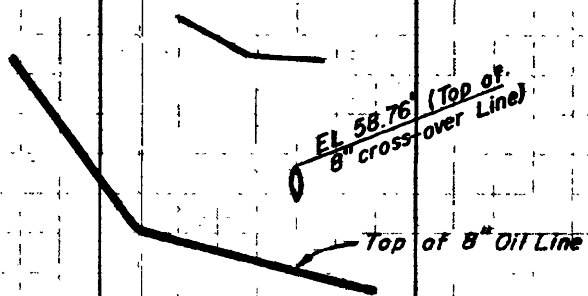
SCALE: NTS	DATE: 08/07/20	SK-20-039	REV. A
DRAWN: RR	SHEET 1 OF 1		



EL 64.22' (Top of Mac Surf Term Yd.)

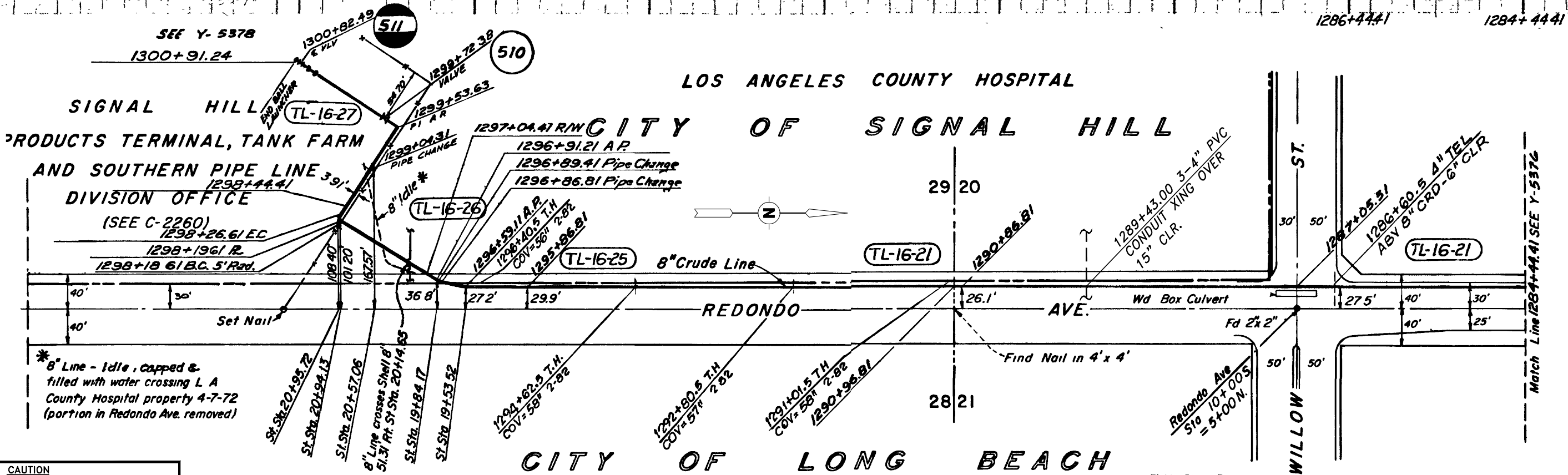
EL 58.76' (Top of 8" cross-over Line)

**NOTES:**  
 8" line laid in Redondo Ave (Newport Ave) under City of Long Beach Permit No 2058  
 BM Sta 11+38.9 = Redondo Ave. 10+00 (Intersection of Redondo Ave and Willow St) Monument at 2' N of B.C.R., northeast corner of Redondo and Willow, at elevation 51.8'  
 Redondo Ave Stationing is running from North to South & South to North from C of Willow



St surface over line

Top of 8" Oil Line



SIGNAL HILL PRODUCTS TERMINAL, TANK FARM AND SOUTHERN PIPE LINE DIVISION OFFICE (SEE C-2260)  
 1298+26.61 EC  
 1298+196.1 R.  
 1298+18.61 B.C. 5' Rad.

LOS ANGELES COUNTY HOSPITAL

CITY OF SIGNAL HILL

REDONDO AVE.

CITY OF LONG BEACH

\* 8" Line - Idle, capped & filled with water crossing L.A. County Hospital property 4-7-72 (portion in Redondo Ave. removed)

**CAUTION**  
 LOCATION OF PIPE LINES AS SHOWN MAY NOT BE EXACT. THE SPECIFIC LOCATIONS AND DEPTHS OF SUCH LINES MUST BE DETERMINED BY HAND EXCAVATION. BEFORE ANY EXCAVATION OR OTHER WORK NEAR THE LINES SHOWN ON THIS MAP, CONTACT EQUILON PIPELINE COMPANY LLC., AT (888) 257-0877 24HRS. 7 DAYS A WEEK

Field Bk Page  
 PL 72 1-4  
 PL 83 1

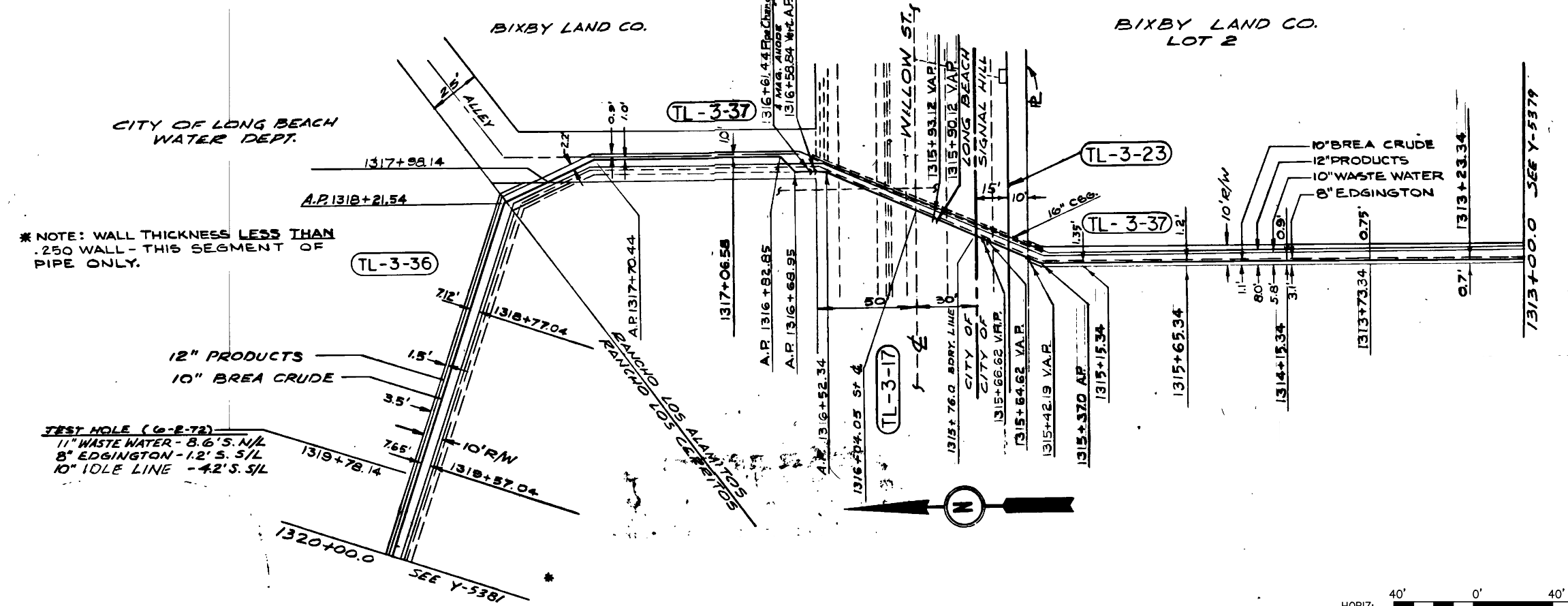
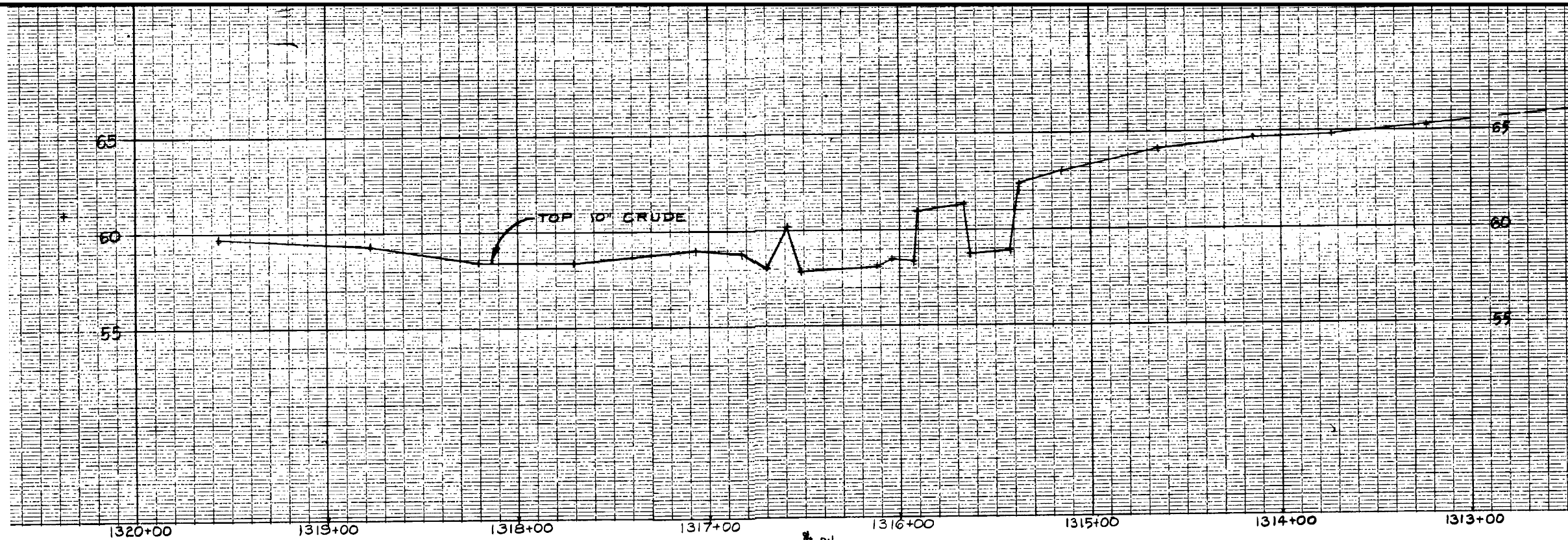
60' 0' 60' 120' 180'  
 SCALE IN FEET

DWG. NUMBER	REFERENCE DRAWING DESCRIPTION	REV. NO.	DATE	REVISION DESCRIPTION	BY	CHK.	ENGR.	APP.
		1	10-12-99	ADDED CONDUIT CROSSING (SP-30)				

STATION TO STATION	SIZE (I.D.)	GRADE	COATING	DATE	W.O.
1299+04.33	8.249	X-52	X-TRUE COAT	3-73	377172
1296+89.41	8.249	X-52	X-TRUE COAT	4-72	377927
1296+86.81	8.07	B	SOMASTIC	8-52	528518
1284+44.41					

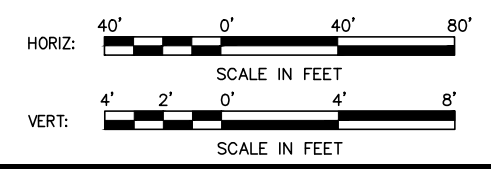
**EQUILON**  
 PIPELINE COMPANY LLC  
 CALIFORNIA DISTRICT

**BREA CRUDE TRUNK LINE**  
 BREA CRUDE TRUNK LINE  
 LOS ANGELES COUNTY LONG BEACH/SIGNAL HILL  
 SCALE: SEE GR. SCL. DATE: 4-16-71  
 DRAWN: F.M.FAASAU Sheet 1 of 1 Y-5377  
 REV. 1



\* NOTE: WALL THICKNESS LESS THAN .250 WALL - THIS SEGMENT OF PIPE ONLY.

TEST HOLE (G-2-72)  
 11" WASTE WATER - 8.6' S. N/L  
 8" EDGINGTON - 1.2' S. S/L  
 10" IDLE LINE - 4.2' S. S/L



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REV NO	DATE	DESCRIPTION OF REVISION	BY	CHK	ENGR
1	11/18/15	ADDED TITLE BLOCK AND DISCLAIMER TO FORMER SHELL DWG		RR	
0	06/1978	GENERAL REVISION			

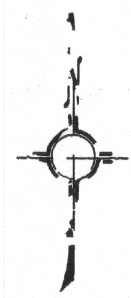
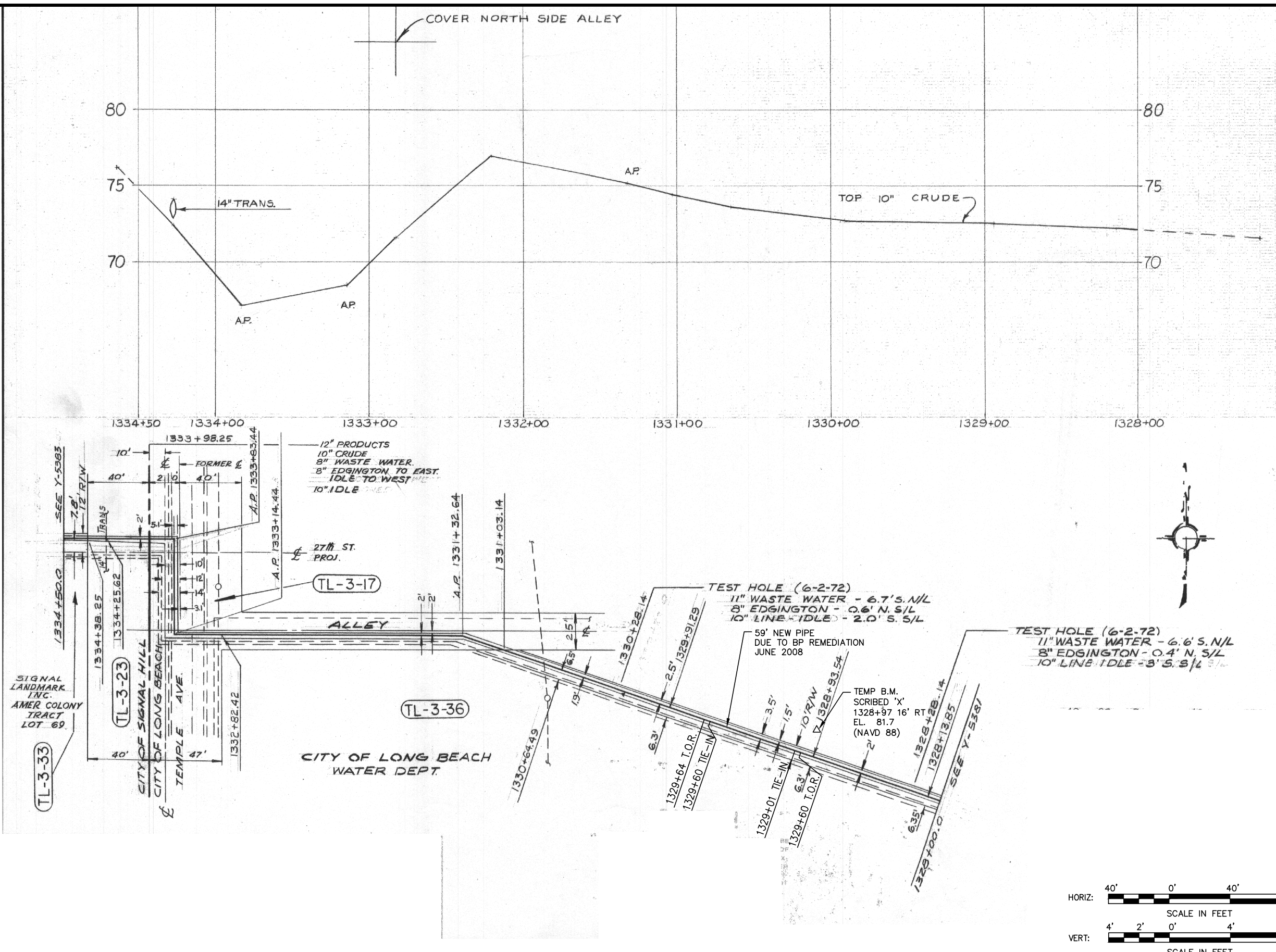
STATION TO STATION	SIZE (I.D.)	GRADE	COATING	DATE	W.O.
1313+00.0	10.312	X-52	NO. 2 SOMASTIC	6/69	
1316+61.44	10.250	X-52	X-TRUE COAT	3/73	377172

**CRIMSON PIPELINE L.P.**  
 3760 Kilroy Airport Way, Suite 300  
 Long Beach, California 90806

EAST CRUDE 10" CSFM 339  
 PIPELINE ALIGNMENT  
 SIGNAL HILL/LONG BEACH, CA

SCALE: AS SHOWN DATE: 01/02/73  
 DRAWN: SL SHEET 1 OF 1 Y-5380 REV. 1





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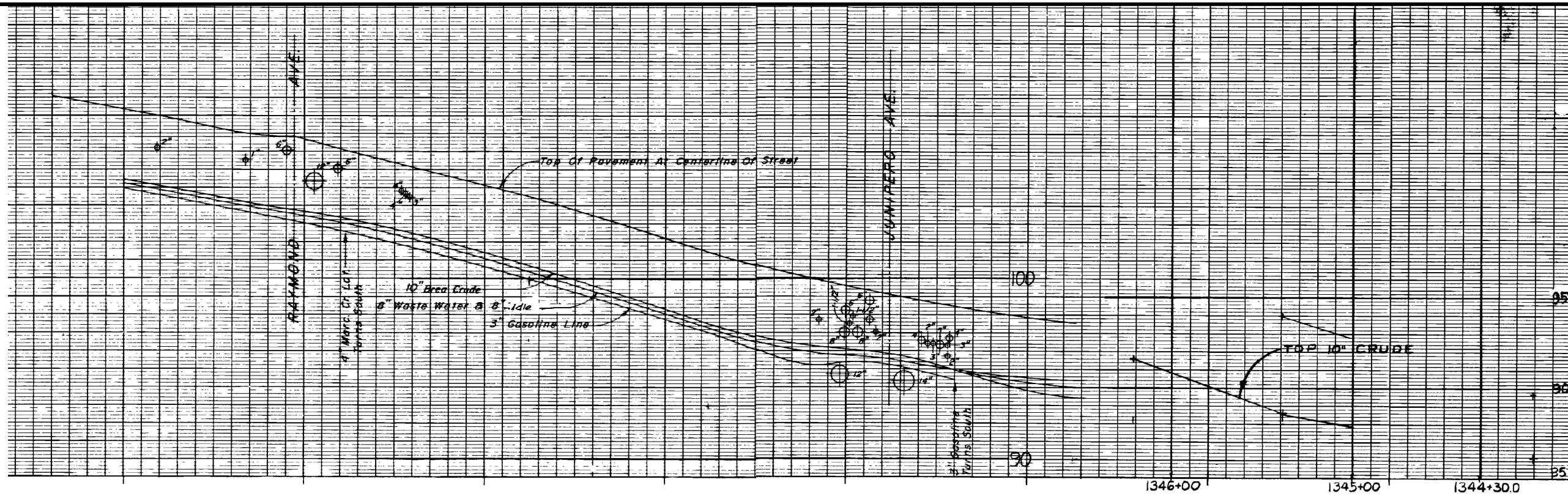
REV NO	DATE	DESCRIPTION OF REVISION	BY	CHK	ENGR
2	11/18/15	ADDED TITLE BLOCK AND DISCLAIMER TO FORMER SHELL DWG		RR	
1	06/2008	GENERAL REVISION			
0	06/1978	GENERAL REVISION			

STATION TO STATION	SIZE (I.D.)	GRADE	COATING	DATE	W.O.
1328+00.0 - 1334+50.0	10.250	X-52	X-TRUE COAT	3/73	377172
1329+01 - 1329+60	10.750	X-52		6/08	

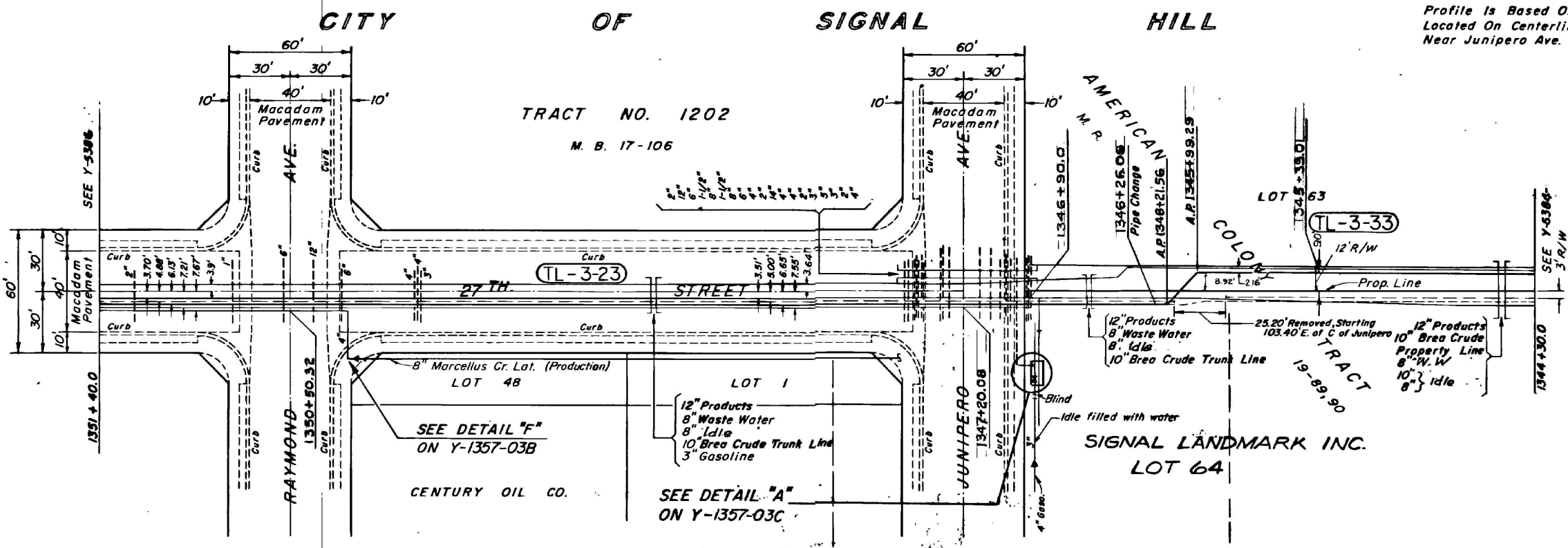
**CARDINAL PIPELINE L.P.**  
3760 Kilroy Airport Way, Suite 300  
Long Beach, California 90806

BREA CRUDE 10" CSFM-339		SCALE: AS SHOWN	DATE: 01/02/74	Y-5382	REV. 2
PIPELINE ALIGNMENT LONG BEACH/SIGNAL HILL					
DRAWN: SL	SHEET 1 OF 1				

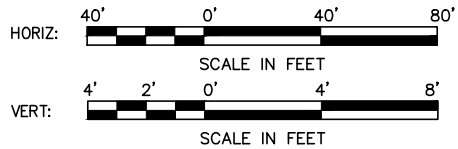




Profile is Based On B.M. (Elev. 90.876)  
 Located On Centerline Of 28 Th. Street  
 Near Junipero Ave.



\*NOTE: WALL THICKNESS LESS THAN .250 WALL - THIS SEGMENT OF PIPE ONLY.



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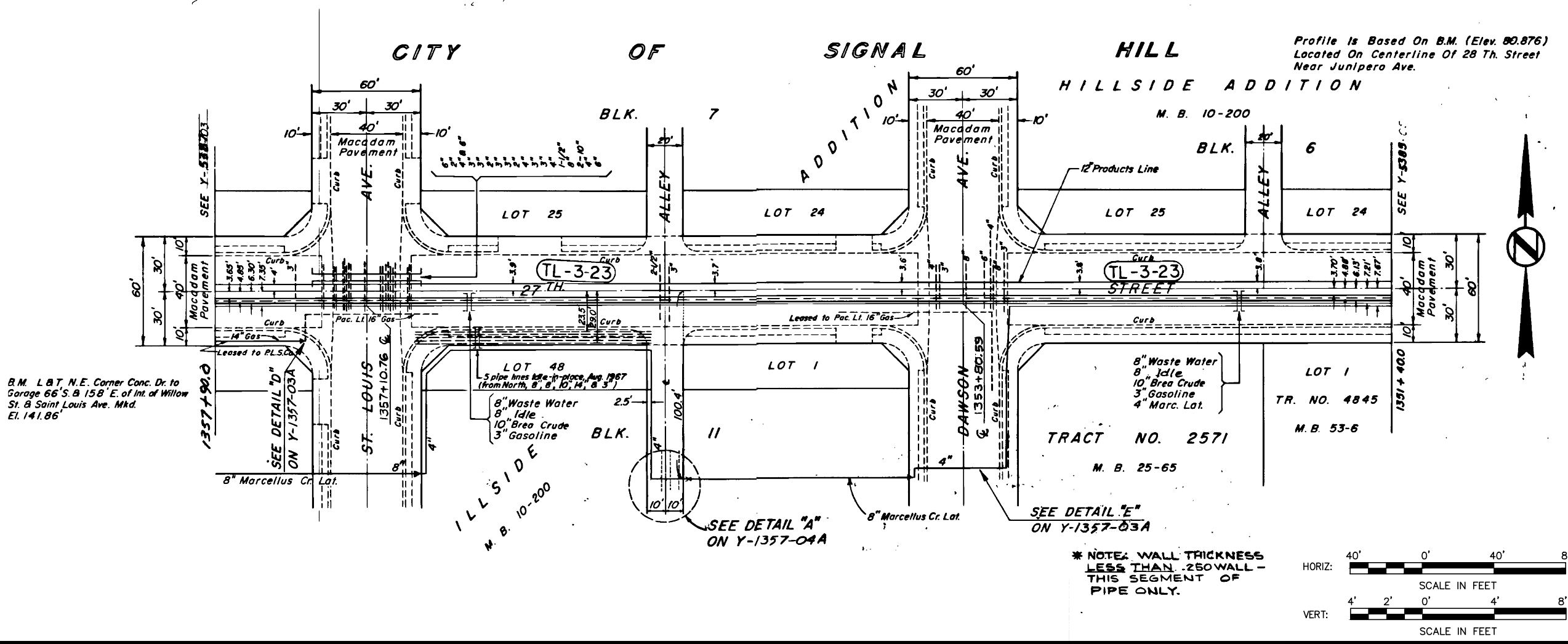
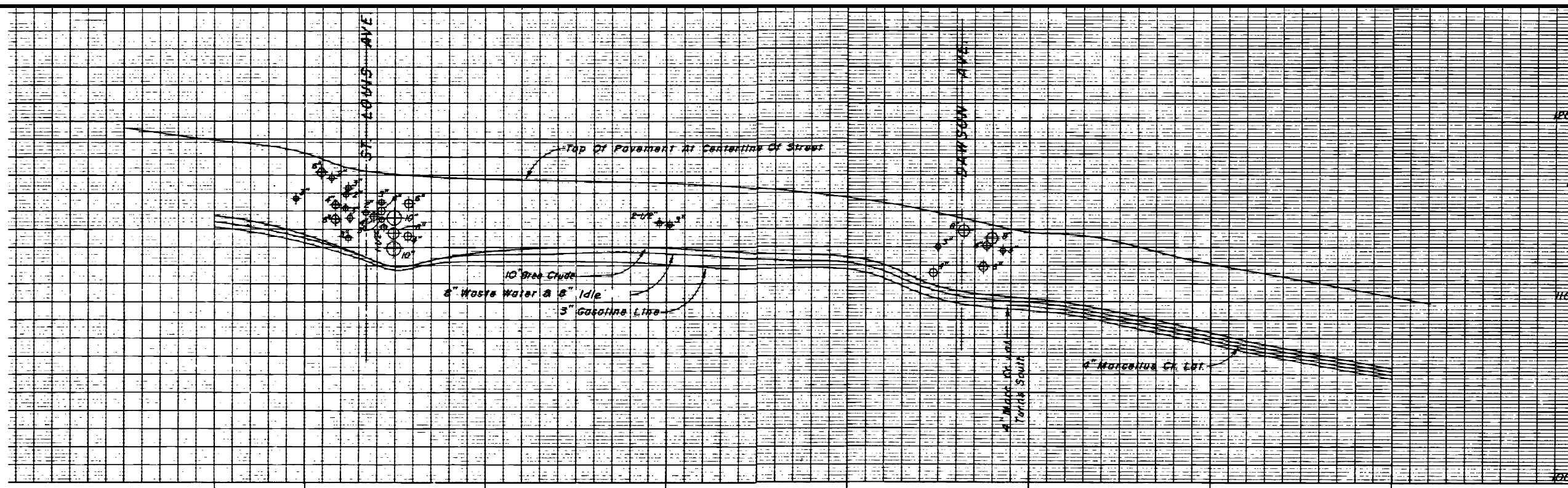
REV NO	DATE	DESCRIPTION OF REVISION	BY	CHK	ENGR
1	11/18/15	ADDED TITLE BLOCK AND DISCLAIMER TO FORMER SHELL DWG		RR	
0	06/1978	GENERAL REVISION			

STATION TO STATION	SIZE (I.D.)	GRADE	COATING	DATE	W.O.
1341+50.0	10.250	X-52	X-TRUE COAT	3/73	377172

**CARDINAL PIPELINE L.P.**  
 3760 Kilroy Airport Way, Suite 300  
 Long Beach, California 90806

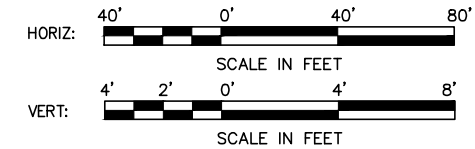
BREA CRUDE 10" CSFM-339 PIPELINE ALIGNMENT SIGNAL HILL, CA		REV.
SCALE: AS SHOWN	DATE: 06/12/73	1
DRAWN: SL	SHEET 1 OF 1	Y-5385





B.M. L & T N.E. Corner Conc. Dr. to Garage 66'S. B 158' E. of Int. of Willow St. & Saint Louis Ave. Mkd. El. 141.86'

Profile is Based On B.M. (Elev. 80.876) Located On Centerline Of 28 Th. Street Near Junipero Ave.



\* NOTE: WALL THICKNESS LESS THAN .250 WALL - THIS SEGMENT OF PIPE ONLY.

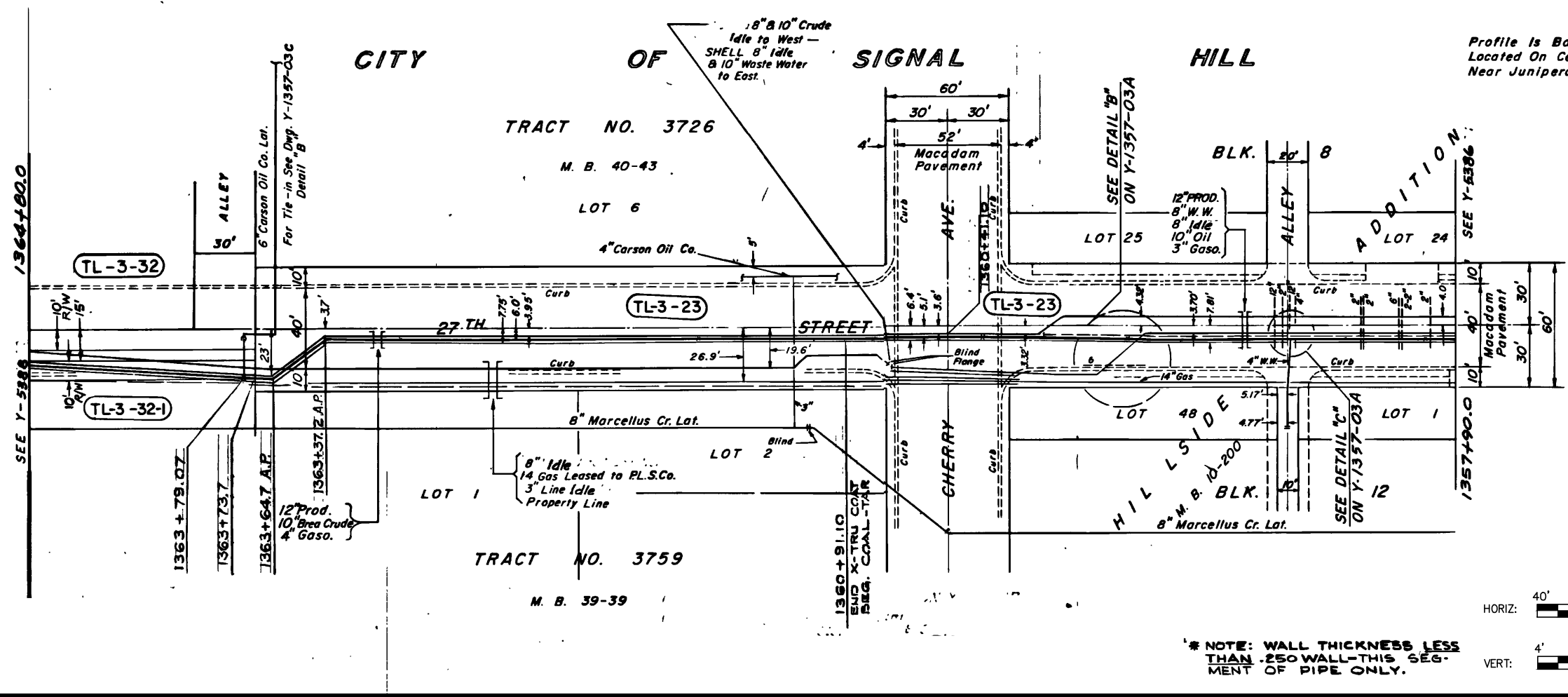
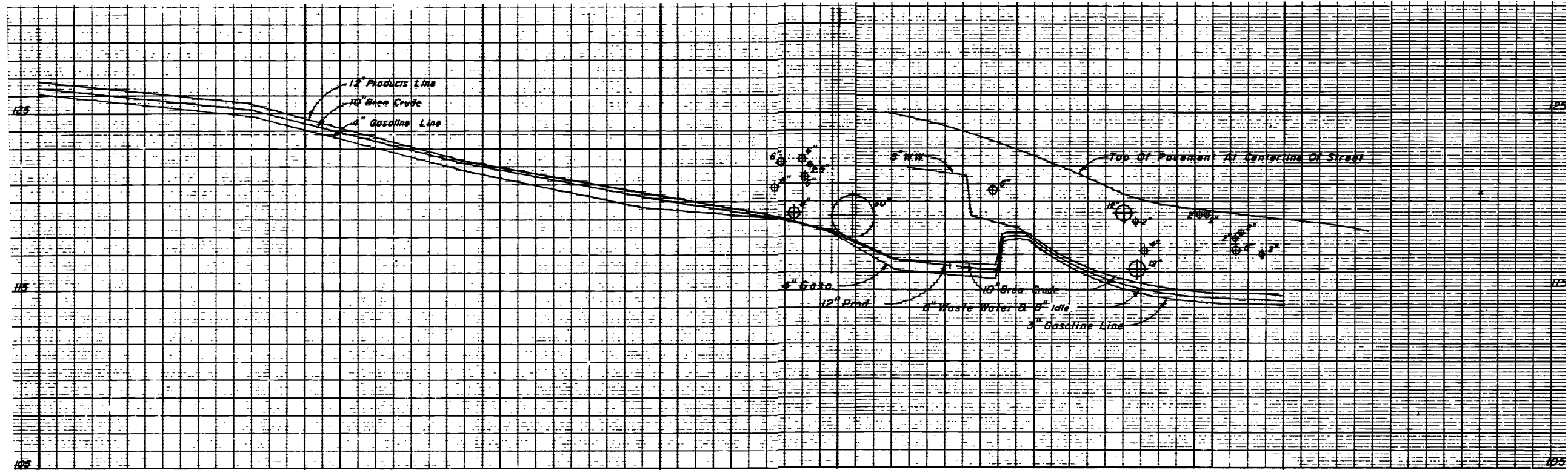
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REV NO.	DATE	DESCRIPTION OF REVISION	BY	CHK	ENGR	STATION TO STATION	SIZE (I.D.)	GRADE	COATING	DATE	W.O.
1	11/18/15	ADDED TITLE BLOCK AND DISCLAIMER TO FORMER SHELL DWG	RR			1341+50.0 1344+30.0	10.250 .250W.T.	X-52	X-TRUE COAT	3/73	377172
0	06/1978	GENERAL REVISION									

CARDINAL PIPELINE L.P.  
3760 Kilroy Airport Way, Suite 300  
Long Beach, California 90806

BREA CRUDE 10" CSFM-339		SCALE: AS SHOWN	DATE: 06/12/73	Y-5386	REV. 1
PIPELINE ALIGNMENT					
SIGNAL HILL, CA		DRAWN: SL	SHEET 1 OF 1		





Profile Is Based On B.M. (Elev. 80.876)  
 Located On Centerline Of 28 Th. Street  
 Near Junipero Ave.



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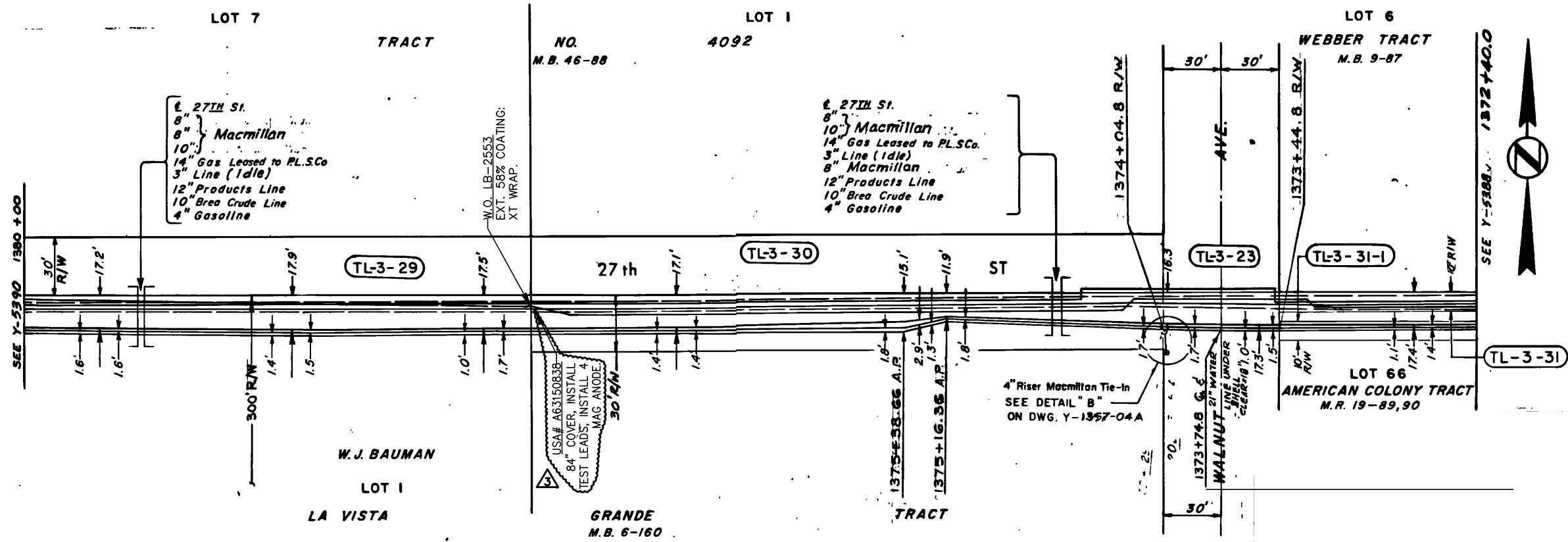
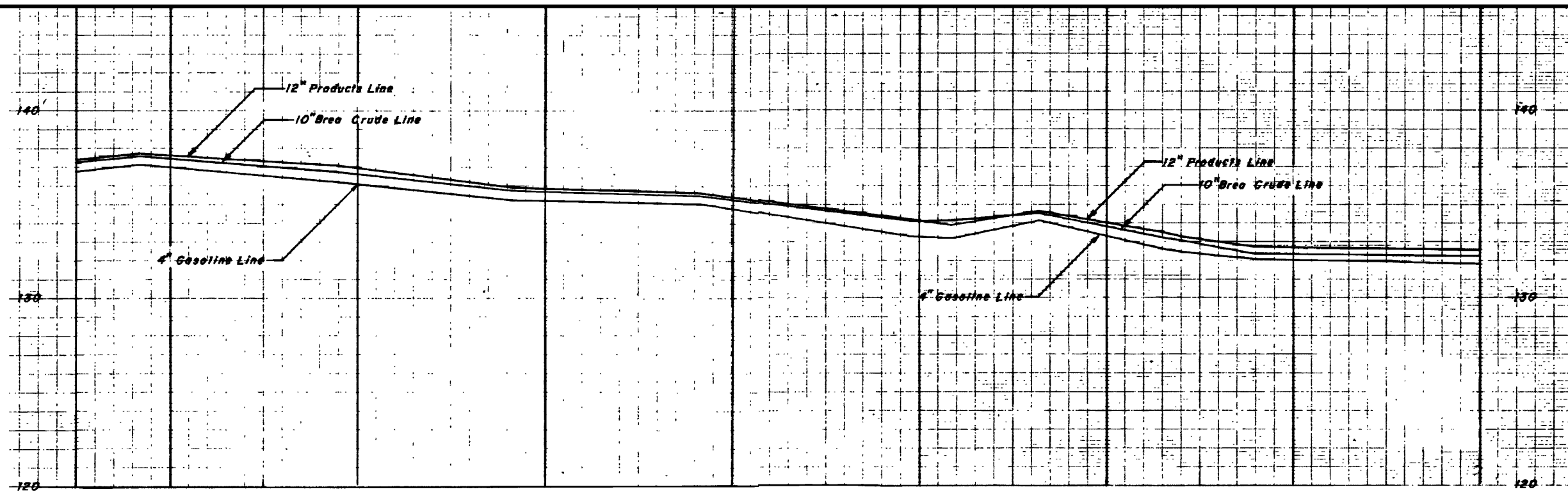
REV NO	DATE	DESCRIPTION OF REVISION	BY	CHK	ENGR
1	11/23/15	ADDED TITLE BLOCK AND DISCLAIMER TO FORMER SHELL DWG		RR	
0	06/1978	GENERAL REVISION			

STATION TO STATION	SIZE (I.D.)	GRADE	COATING	DATE	W.O.
1357+90.0	10.374	X-52	SOMASTIC	7/67	274968
1364+80.0	10.374	X-52	SOMASTIC	7/67	274968
	.188W.T.				

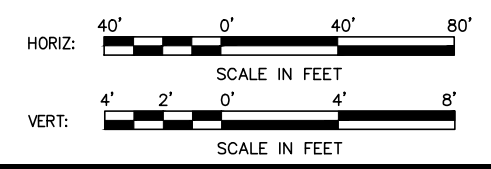
**CARDINAL PIPELINE L.P.**  
 3760 Kilroy Airport Way, Suite 300  
 Long Beach, California 90806

BREA CRUDE 10" CSFM-339		Y-5387	REV. 1
PIPELINE ALIGNMENT SIGNAL HILL, CA			
SCALE: AS SHOWN	DATE: 06/12/73		
DRAWN: SL	SHEET 1 OF 1		





\*NOTE: WALL THICKNESS LESS THAN .250 WALL - THIS SEGMENT OF PIPE ONLY.



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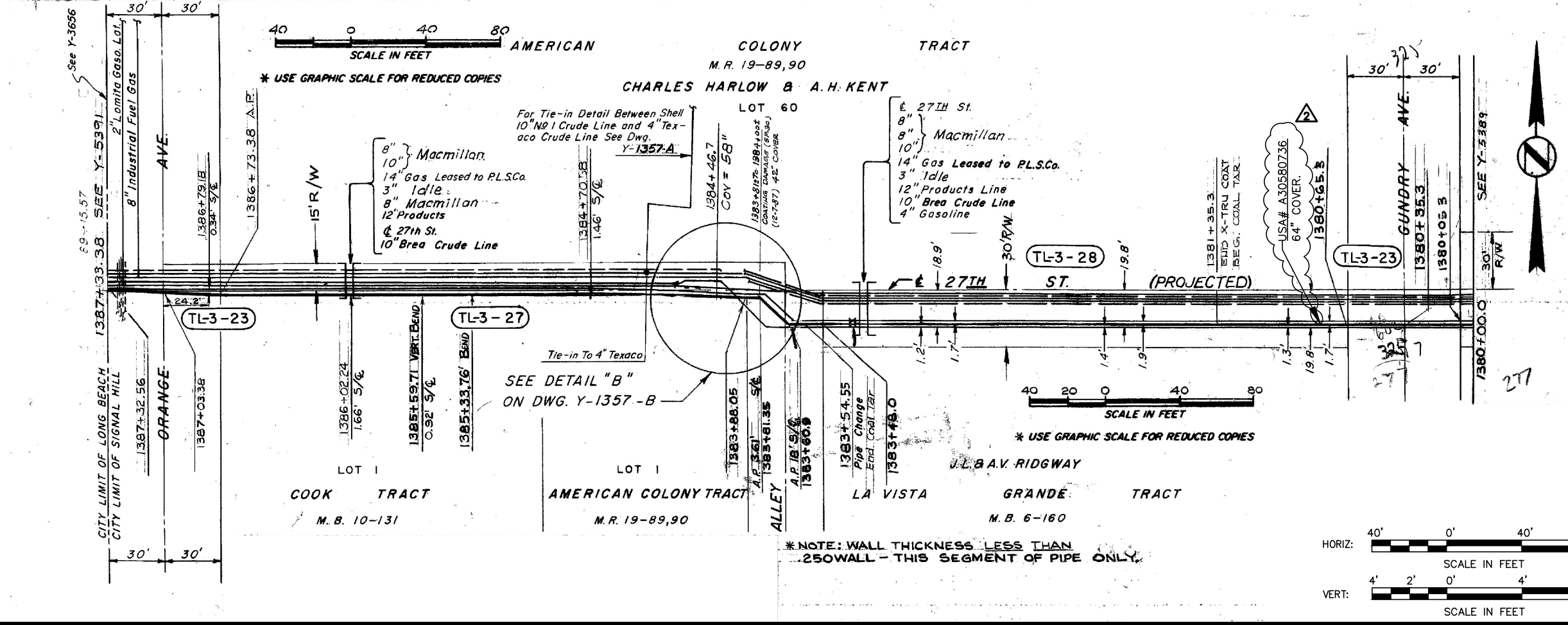
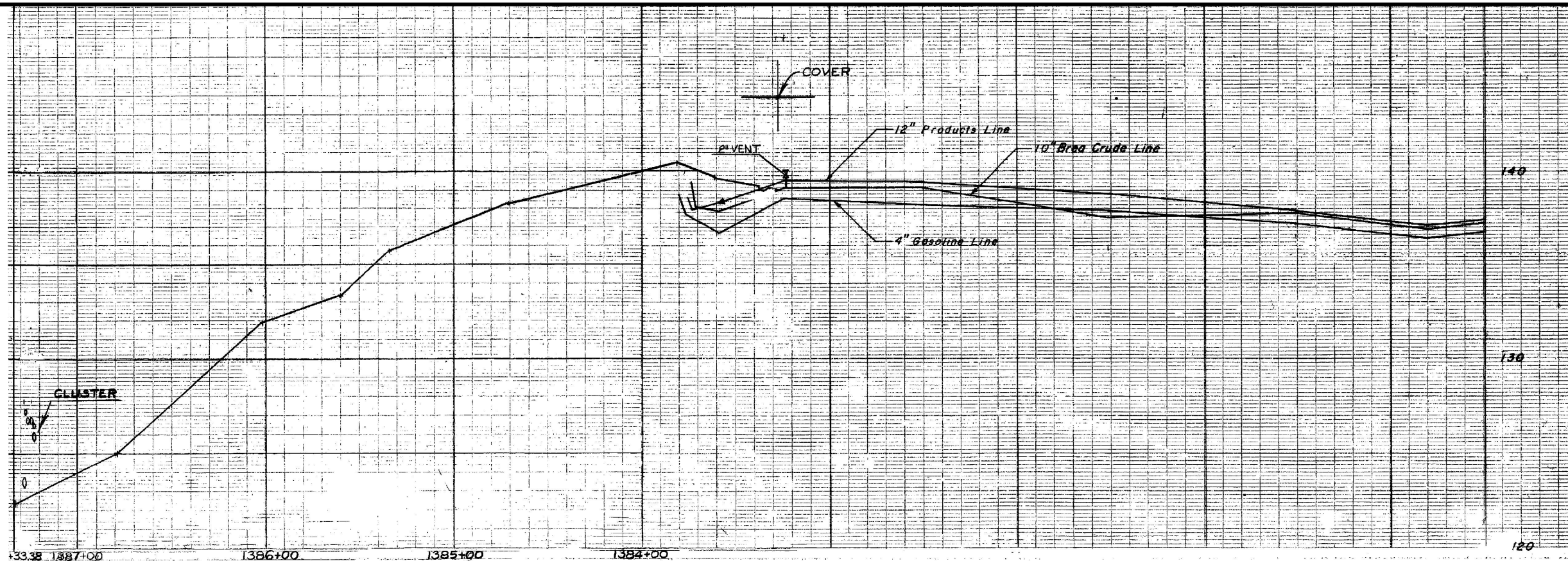
REV NO	DATE	DESCRIPTION OF REVISION	BY	CHK	ENGR
3	02/01/17	REVISED PER EXPOSURE REPORT USA# A63150838 11/23/16	JAL		
2	01/11/17	REPAIRS MADE TO PIPELINE PER W.O. LB-2553 06/19/12	JAL		
1	11/23/15	ADDED TITLE BLOCK AND DISCLAIMER TO FORMER SHELL DWG	RR		
0	06/1978	GENERAL REVISION			

1372+40.0	1380+00.0	10.374 .188W.T.	X-52	SOMASTIC	7/67	274968
STATION TO STATION	SIZE (I.D.)	GRADE	COATING	DATE	W.O.	

**CARDINAL PIPELINE L.P.**  
3760 Kilroy Airport Way, Suite 300  
Long Beach, California 90806

BREA CRUDE 10" CSFM-339		Y-5389	REV. 3
PIPELINE ALIGNMENT SIGNAL HILL, CA			
SCALE: AS SHOWN	DATE: 06/12/73		
DRAWN: SL	SHEET 1 OF 1		





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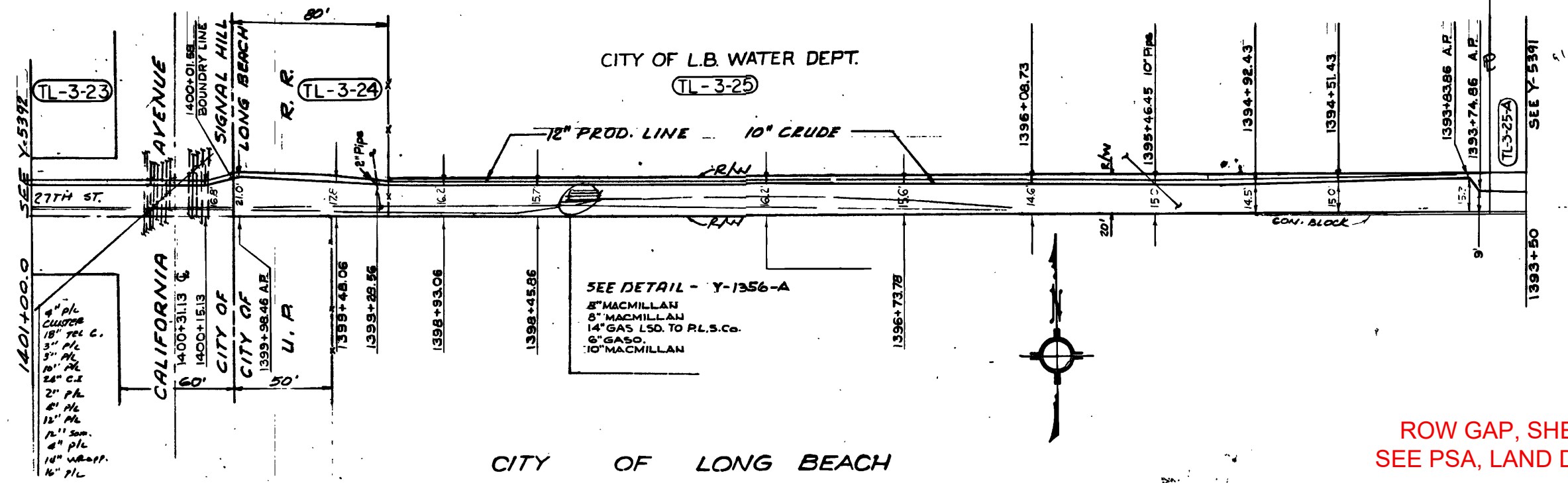
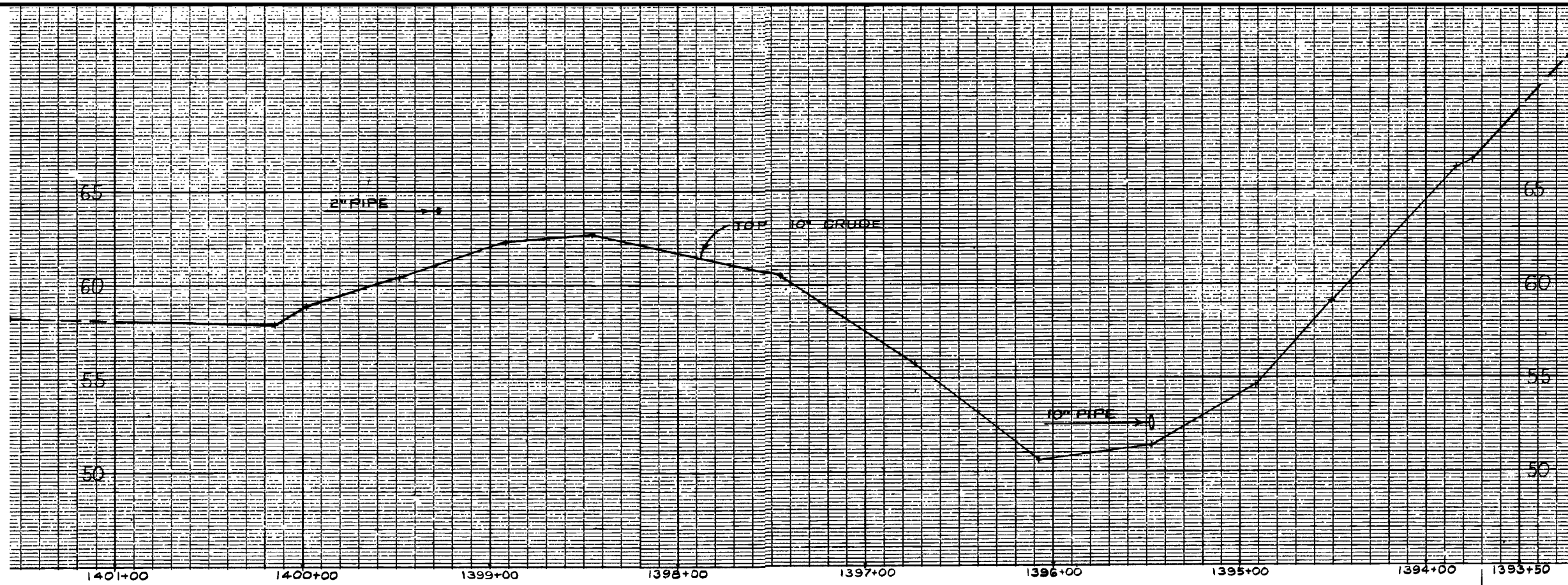
REV NO	DATE	DESCRIPTION OF REVISION	BY	CHK	ENGR
2	12/22/16	REVISED PER EXPOSURE REPORT USA# A30580736 04/05/13	JAL		
1	11/23/15	ADDED TITLE BLOCK AND DISCLAIMER TO FORMER SHELL DWG	RR		
0	08/1990	GENERAL REVISION			

STATION TO STATION	SIZE (I.D.)	GRADE	COATING	DATE	W.O.
1383+54.55 - 1387+33.38	10.250 .250W.T.	X-52	X-TRUE COAT	3/73	377172
1380+00.0 - 1383+54.55	10.374 .188W.T.	X-52	SOMASTIC	7/67	274968

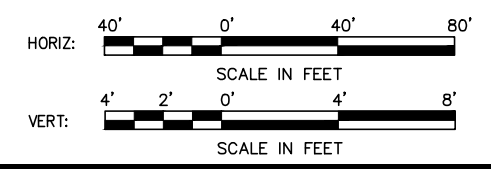
**CARDINAL PIPELINE L.P.**  
3760 Kilroy Airport Way, Suite 300  
Long Beach, California 90806

BREA CRUDE 10" CSFM-339		SCALE: AS SHOWN	DATE: 06/12/73	Y-5390	REV. 2
PIPELINE ALIGNMENT					
SIGNAL HILL, CA		DRAWN: SL	SHEET 1 OF 1		





ROW GAP, SHELL  
SEE PSA, LAND DEPT.



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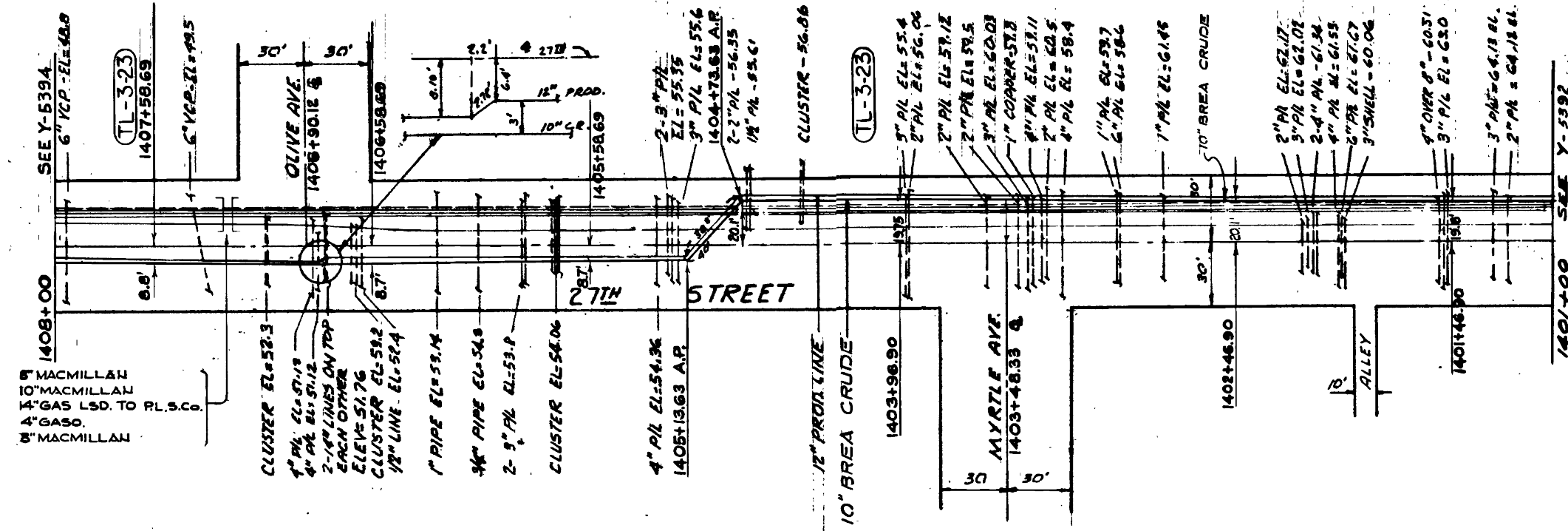
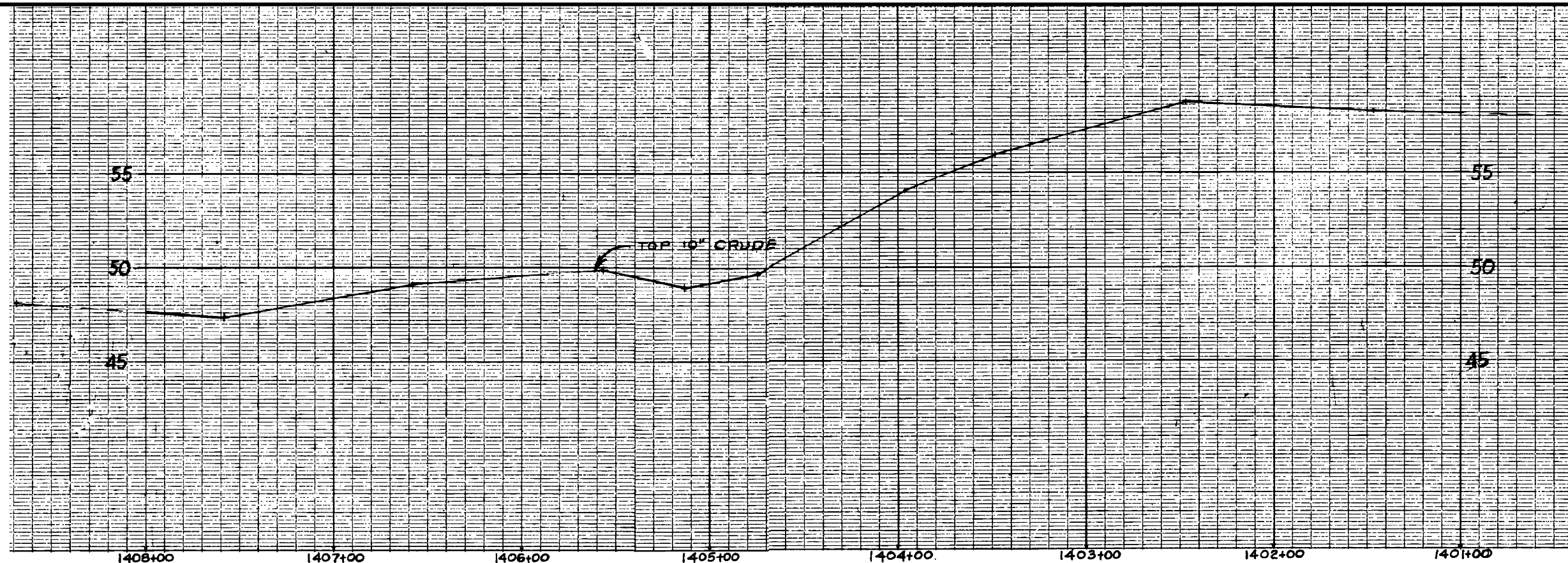
REV NO	DATE	DESCRIPTION OF REVISION	BY	CHK	ENGR
1	11/23/15	ADDED TITLE BLOCK AND DISCLAIMER TO FORMER SHELL DWG		RR	
0	06/1978	GENERAL REVISION			

1393+50.0	1401+00.0	10.250	X-52	X-TRUE COAT	3/73	377172
STATION TO STATION		SIZE (I.D.)	GRADE	COATING	DATE	W.O.

**CARDINAL PIPELINE L.P.**  
3760 Kilroy Airport Way, Suite 300  
Long Beach, California 90806

EAST CRUDE 10" CSFM-339		Y-5392	REV. 1
PIPELINE ALIGNMENT LONG BEACH, CA			
SCALE: AS SHOWN	DATE: 10/25/73		
DRAWN: TEP	SHEET 1 OF 1		





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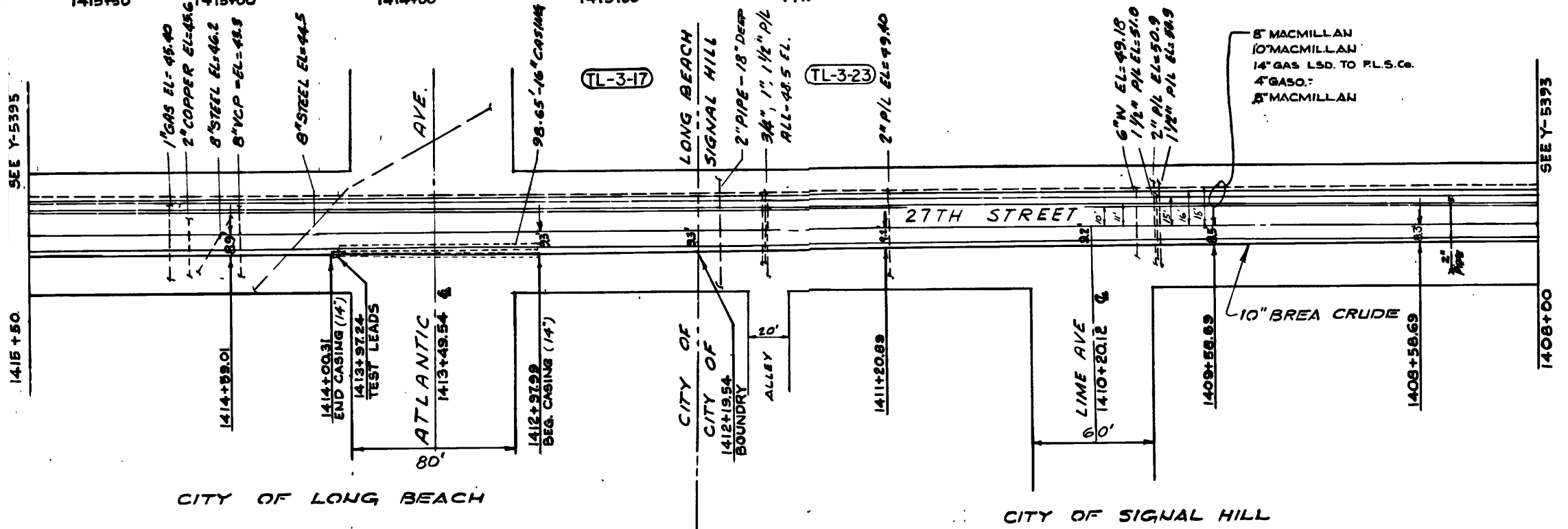
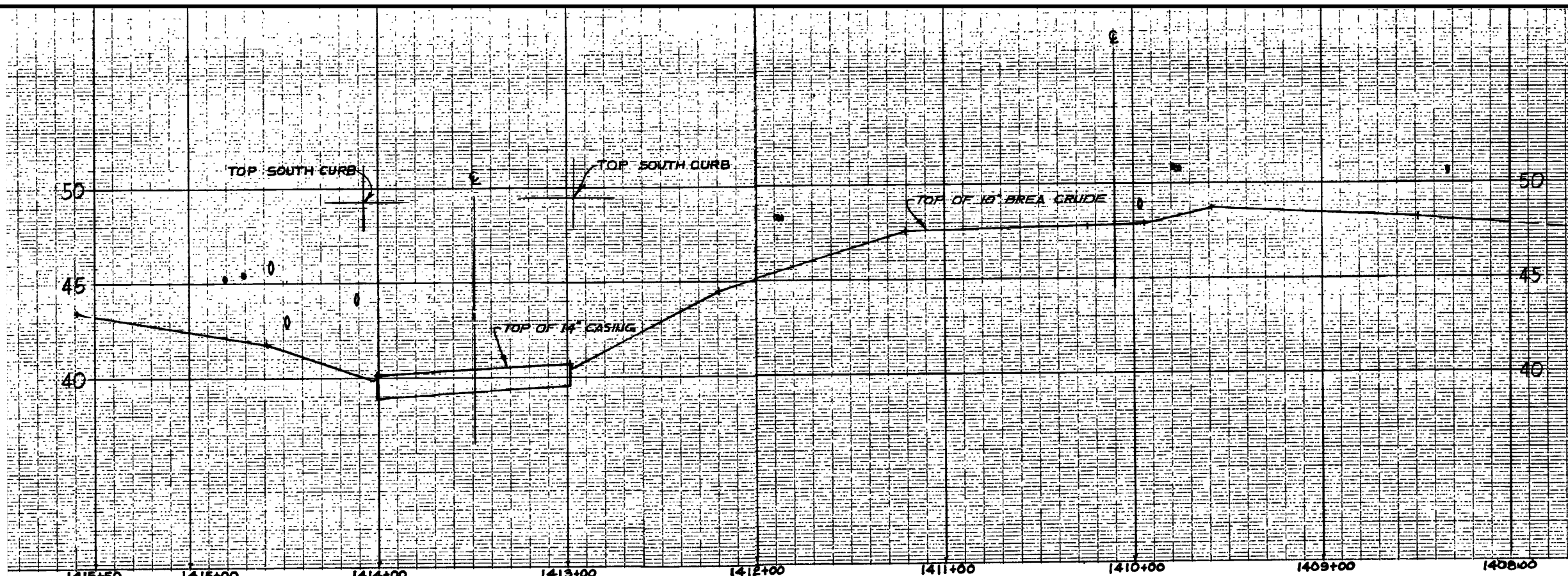
REV NO	DATE	DESCRIPTION OF REVISION	BY	CHK	ENGR
1	11/23/15	ADDED TITLE BLOCK AND DISCLAIMER TO FORMER SHELL DWG		RR	
0	06/1978	GENERAL REVISION			

STATION TO STATION	1401+00.0	1408+00.0
SIZE (I.D.)	10.250	.250W.T.
GRADE	X-52	
COATING	X-TRUE COAT	
DATE	3/73	
W.O.	377172	

**CARDINAL PIPELINE L.P.**  
3760 Kilroy Airport Way, Suite 300  
Long Beach, California 90806

BREA CRUDE 10" CSFM-339		Y-5393	REV. 1
PIPELINE ALIGNMENT SIGNAL HILL, CA			
SCALE: AS SHOWN	DATE: 10/23/73		
DRAWN: TM	SHEET 1 OF 1		





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REV NO	DATE	DESCRIPTION OF REVISION	BY	CHK	ENGR
1	11/23/15	ADDED TITLE BLOCK AND DISCLAIMER TO FORMER SHELL DWG		RR	
0	06/1978	GENERAL REVISION			

STATION TO STATION	1408+00.0	1415+50.0
SIZE (I.D.)	10.250	.250W.T.
GRADE	X-52	
COATING	X-TRUE COAT	
DATE	3/73	
W.O.	377172	

**CARDINAL PIPELINE L.P.**  
3760 Kilroy Airport Way, Suite 300  
Long Beach, California 90806

BREA CRUDE 10" CSFM-339		SCALE: AS SHOWN	DATE: 10/22/73	Y-5394	REV. 1
PIPELINE ALIGNMENT					
LONG BEACH/SIGNAL HILL, CA		DRAWN: TM	SHEET 1 OF 1		