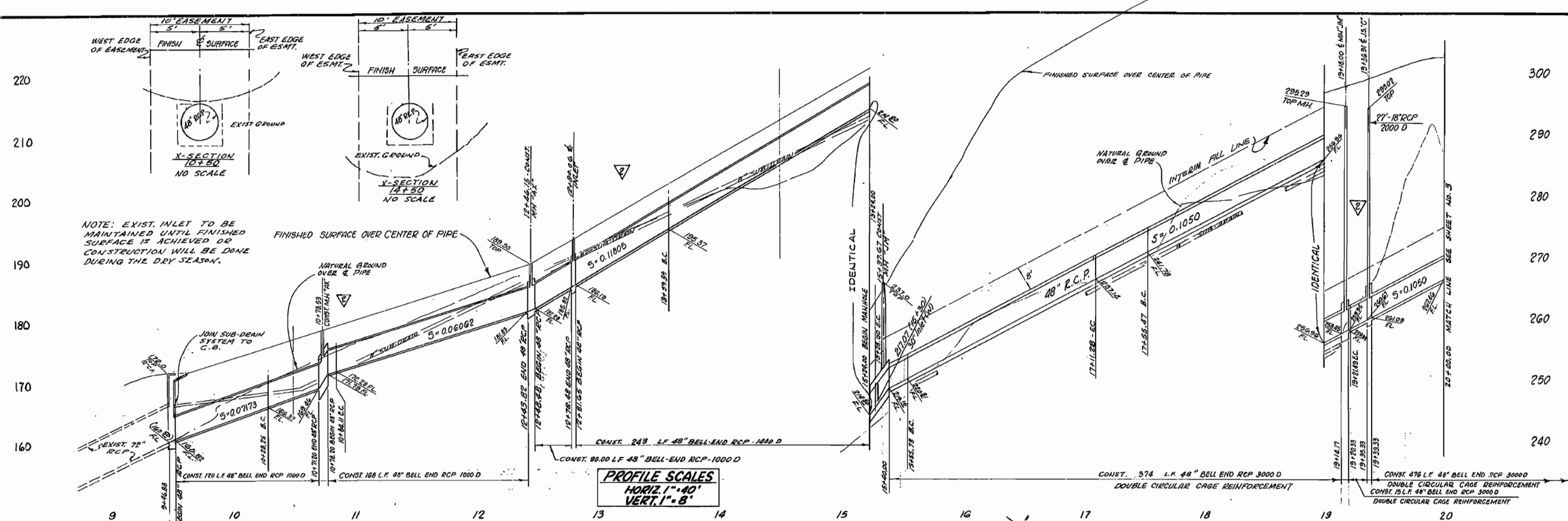
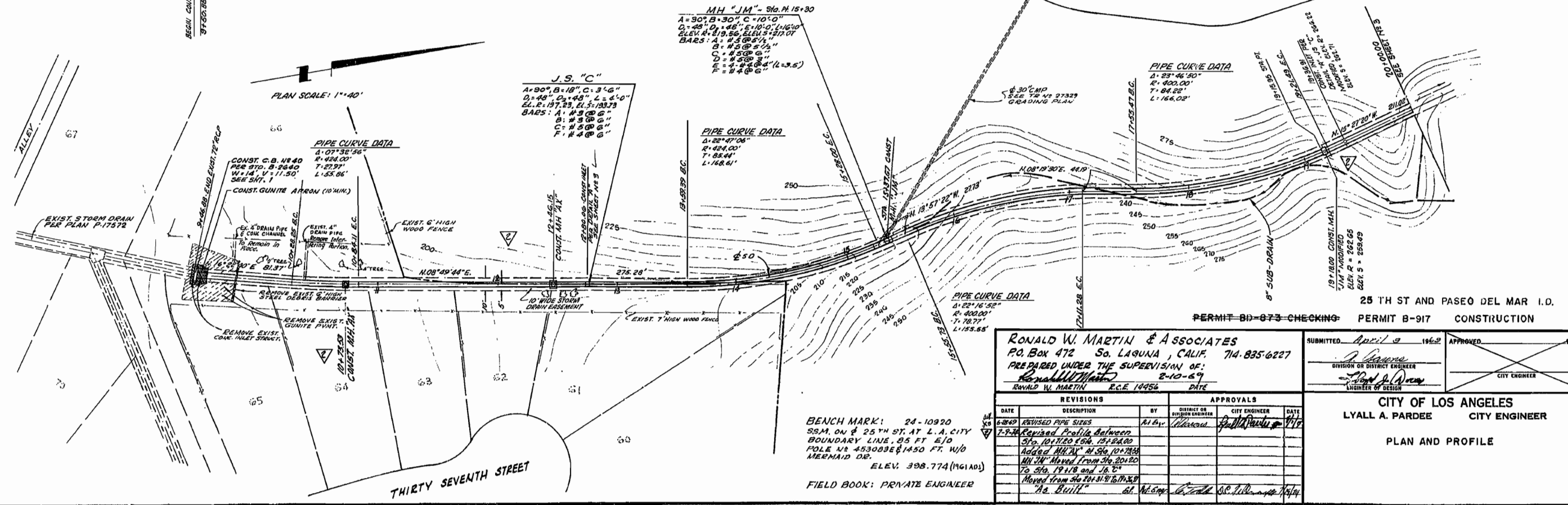




PROFILE SCALES
HORIZ. 1"=40'
VERT. 1"=8'



MH "JM" - Sta. 15+30
A=90', B=30', C=10' 0"
D=48", D₂=48", E=10' 0" (10' 0")
ELEV. A=819.56, ELEV. S=817.07
BARS: A= #5 @ 5' 1/2"
C= #5 @ 6"
D= #5 @ 6"
E= #5 @ 6"
F= #4 @ 6" (L=3.5')

J.S. "C"
A=90', B=18', C=3' 6"
D=48", D₂=48", L=4' 0"
ELEV. A=817.23, ELEV. S=813.73
BARS: A= #5 @ 6"
B= #5 @ 6"
C= #5 @ 6"
F= #4 @ 6"

PIPE CURVE DATA
Δ=22°47'06"
R=424.00'
T=85.44'
L=168.61'

PIPE CURVE DATA
Δ=23°46'50"
R=400.00'
T=84.22'
L=166.02'

PIPE CURVE DATA
Δ=22°16'52"
R=400.00'
T=78.71'
L=155.55'

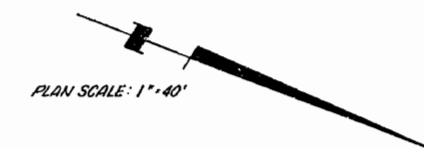
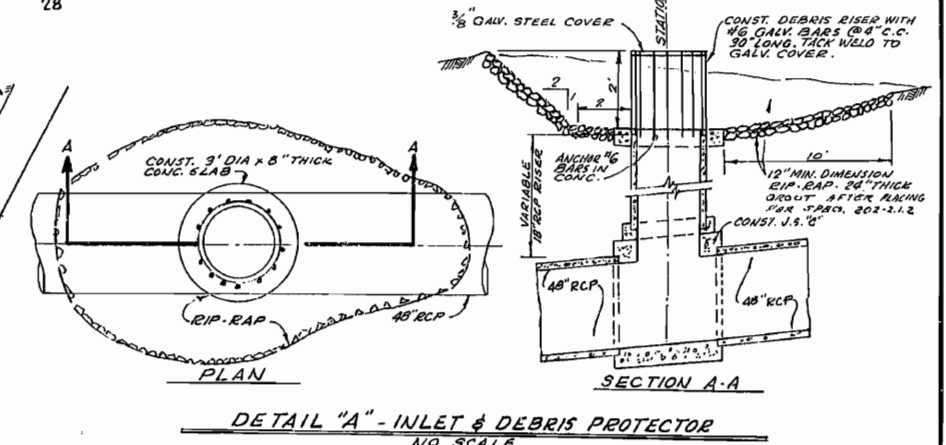
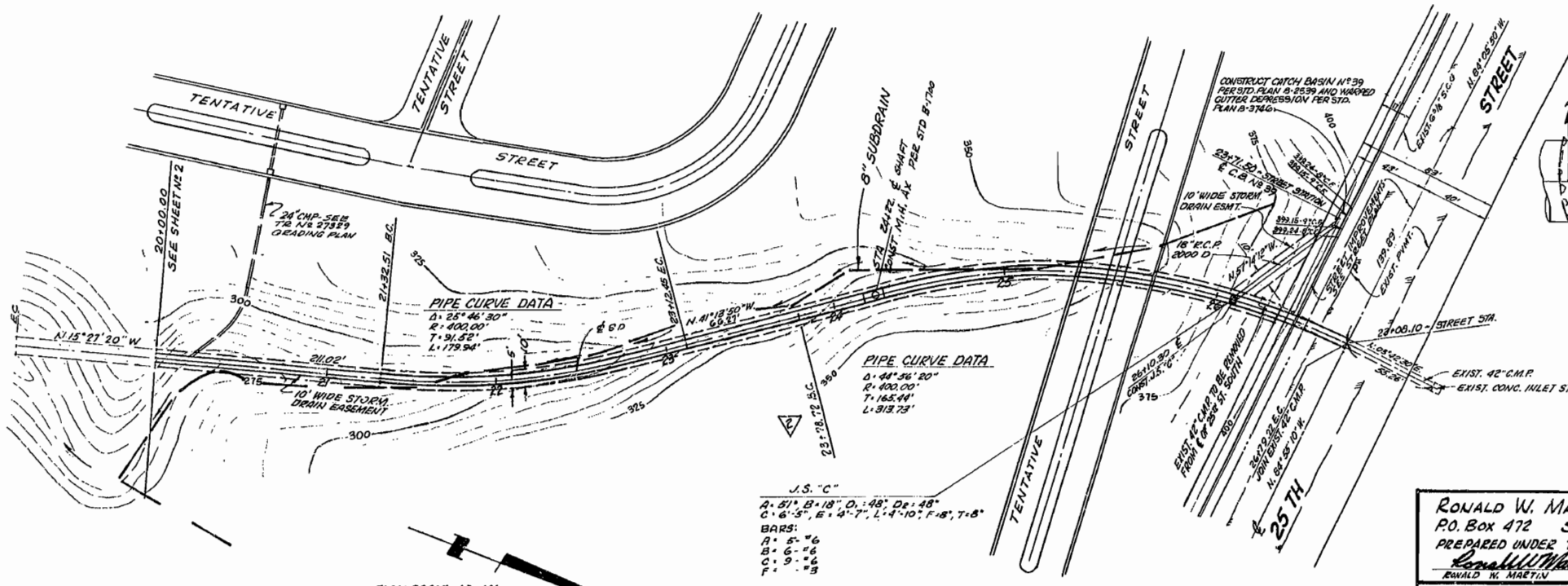
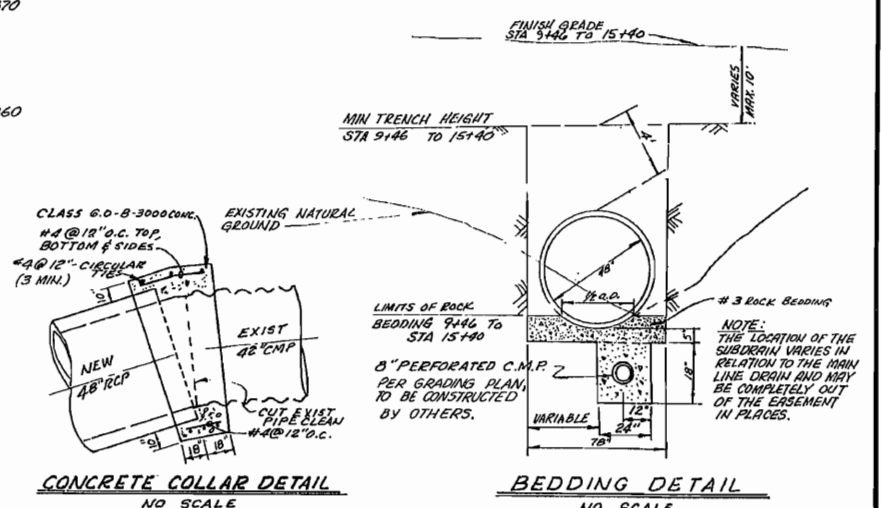
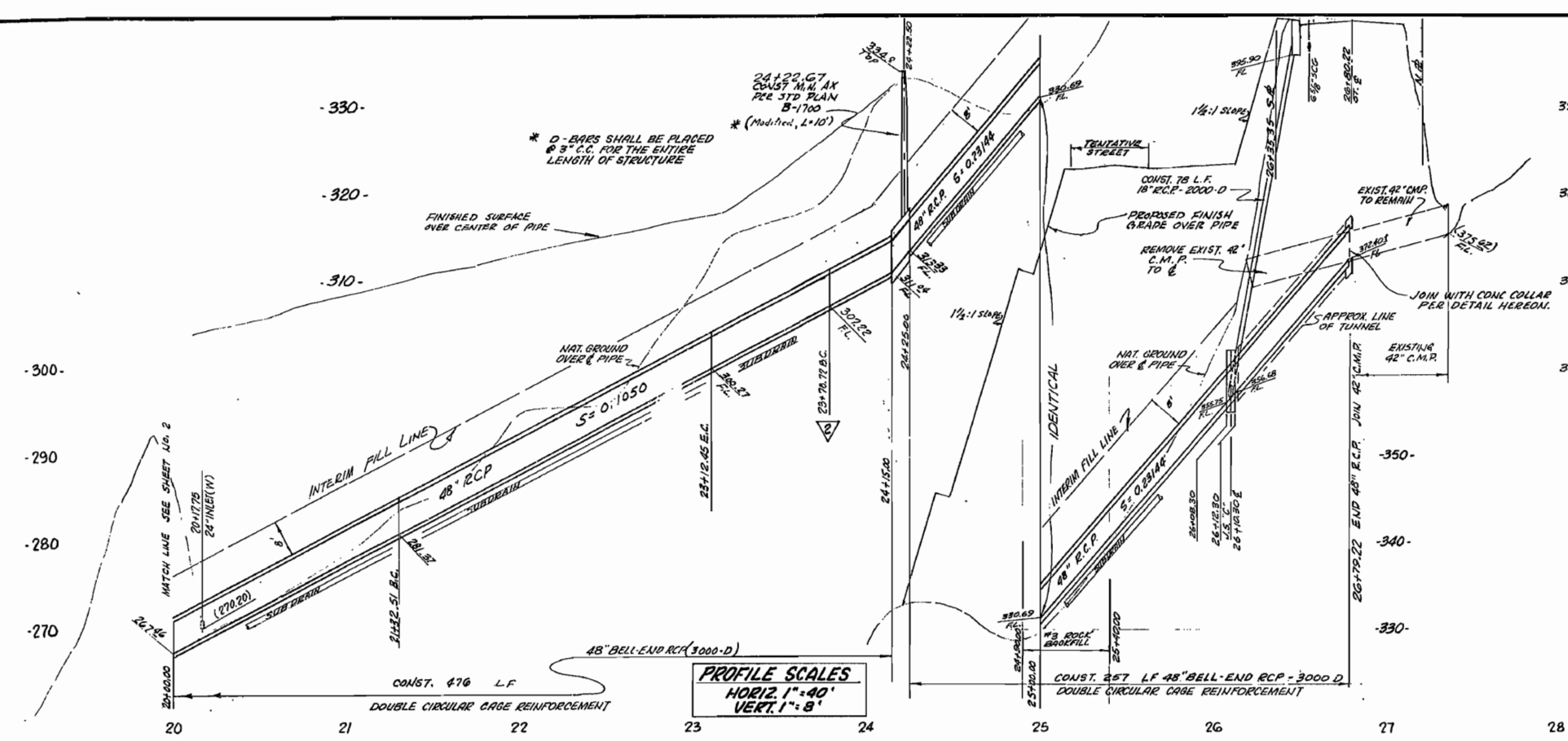
BENCH MARK: 24-10920
SSM. ON E 25TH ST. AT L.A. CITY
BOUNDARY LINE, 95 FT. E/O
POLE NO. 453083E @ 1450 FT. W/O
MERMAID DR.
ELEV. 398.774 (1961 ADJ.)
FIELD BOOK: PRIVATE ENGINEER

RONALD W. MARTIN & ASSOCIATES
P.O. Box 472 So. Laguna, Calif. 714-835-6227
PREPARED UNDER THE SUPERVISION OF:
Ronald W. Martin 2-10-69
RONALD W. MARTIN R.C.E. 10456 DATE

REVISIONS			APPROVALS		
DATE	DESCRIPTION	BY	DISTRICT OR DIVISION ENGINEER	CITY ENGINEER	DATE
6-28-69	REVISED PIPE SIZES	ALB	<i>[Signature]</i>	<i>[Signature]</i>	7/19
7-9-69	Revised Profile between Sta. 10+11.00 EBM to 13+24.00				
	Added MH "JM" at Sta. 10+78.00				
	MH "JM" Moved from Sta. 20+120 to Sta. 19+118 and 16' 6"				
	Moved from Sta. 19+131.91 to 19+35.00				
	"As Built"	ALB	<i>[Signature]</i>	<i>[Signature]</i>	

SUBMITTED *April 9* 1969 APPROVED *[Signature]*
DIVISION OR DISTRICT ENGINEER
[Signature] CITY ENGINEER

CITY OF LOS ANGELES
LYALL A. PARDEE CITY ENGINEER
PLAN AND PROFILE



J.S. "C"
A: 51' B: 18' D: 48' DE: 48'
C: 6' 3" E: 4' 7" L: 4' 10" F: 8' 7' 8"
BARS:
A: 5' 6"
B: 6' 4"
C: 9' 4"
F: 3'

BENCH MARK: 24-10920
S.M. ON E 28TH ST. AT L.A. CITY
BOUNDARY LINE, 65 FT. E/O
POLE NR 453083E @ 1450 FT. N/O
MEERMAID DB.
ELEV. 398.774 (1961 ADJ.)
FIELD BOOK: PRIVATE ENGINEER

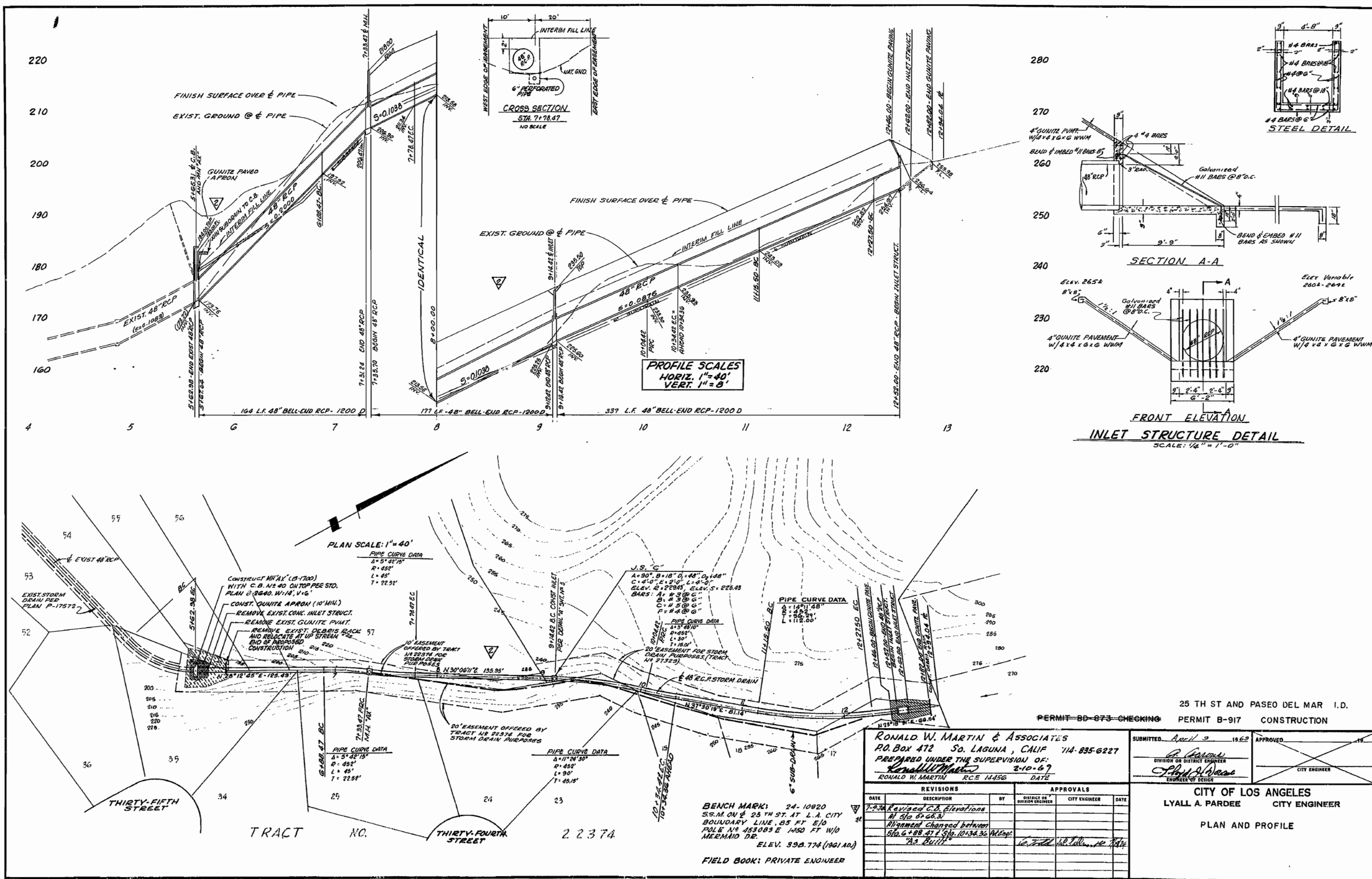
25 TH ST AND PASEO DEL MAR I.D.
PERMIT BD-973 CHECKING PERMIT B-917 CONSTRUCTION

RONALD W. MARTIN & ASSOCIATES
P.O. BOX 472 So. LAGUNA, CALIF. 714-835-4227
PREPARED UNDER THE SUPERVISION OF:
Ronald W. Martin 2-10-69
RONALD W. MARTIN R.C.E. 19456 DATE

REVISIONS			APPROVALS		
DATE	DESCRIPTION	BY	DISTRICT OR DIVISION ENGINEER	CITY ENGINEER	DATE
5-28-67	REVISED PIPE SIZES	Rt. Eng.			
6-28-67	Relocated C.B. from Sta. 24+10.35 to Sta. 24+10.35	Rt. Eng.			
7-7-70	B.C. Changed from 48" to 42" @ Sta. 23+66.49 to 23+78.72	Rt. Eng.			
	As Built				

SUBMITTED: April 9, 1969
DIVISION OR DISTRICT ENGINEER: *R. W. Martin*
ENGINEER OF DESIGN: *R. W. Martin*

CITY OF LOS ANGELES
LYALL A. PARDEE CITY ENGINEER
PLAN AND PROFILE



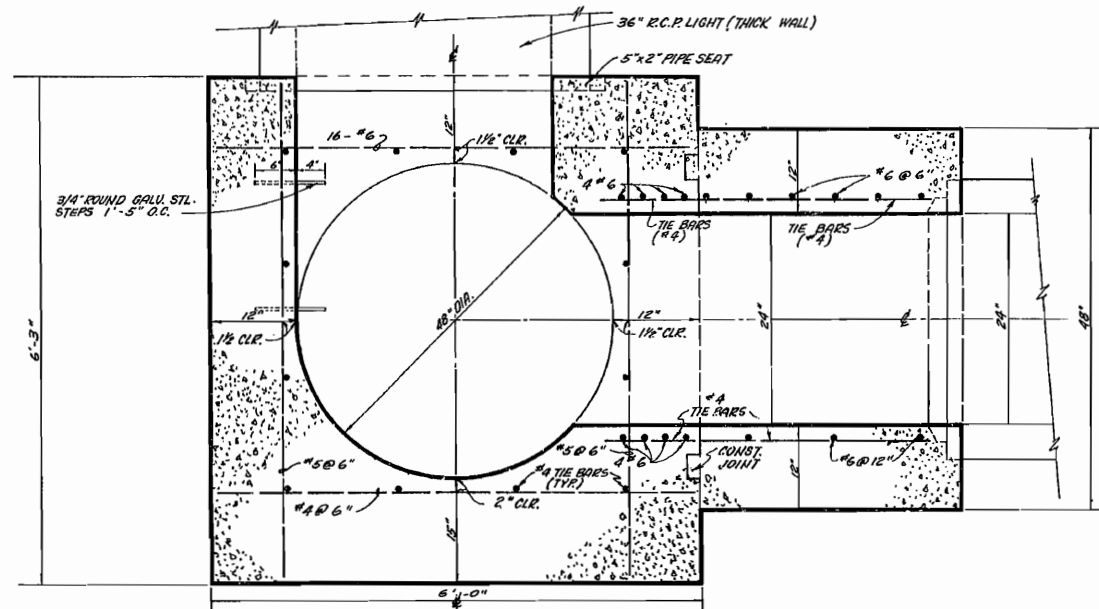
25 TH ST AND PASEO DEL MAR I.D.
PERMIT BD-873 CHECKING PERMIT B-917 CONSTRUCTION

RONALD W. MARTIN & ASSOCIATES
P.O. Box 472 So. Laguna, Calif 914-835-6227
PREPARED UNDER THE SUPERVISION OF:
Ronald W. Martin 2-10-67
RONALD W. MARTIN R.C.E. 14456 DATE

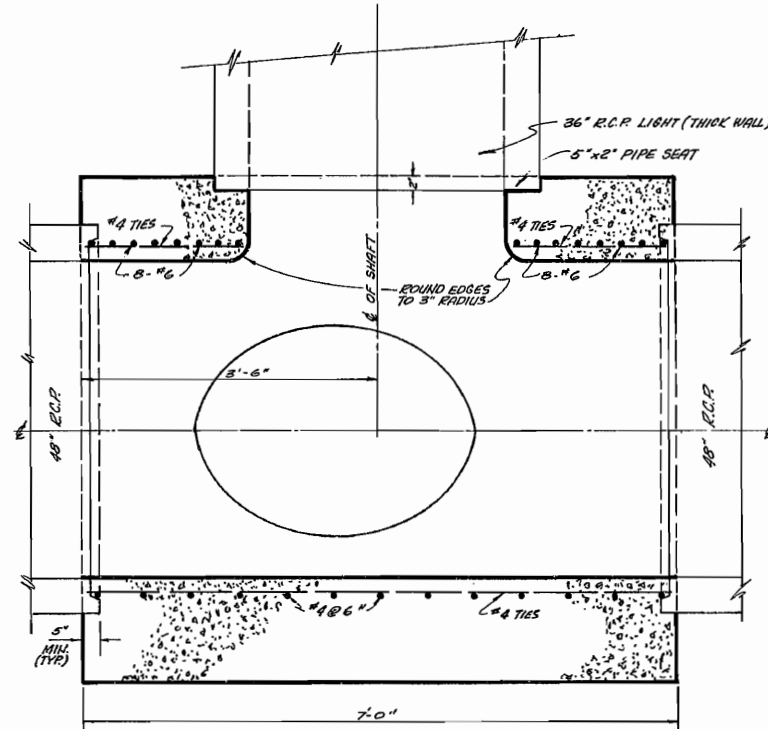
REVISIONS		APPROVALS	
DATE	DESCRIPTION	BY	CITY ENGINEER
7-2-74	Revised C.B. Elevations		
11-5-74	Alignment Changed between Sta. 6+88.47 & Sta. 10+34.36		
	As Built		

CITY OF LOS ANGELES
LYALL A. PARDEE CITY ENGINEER
PLAN AND PROFILE

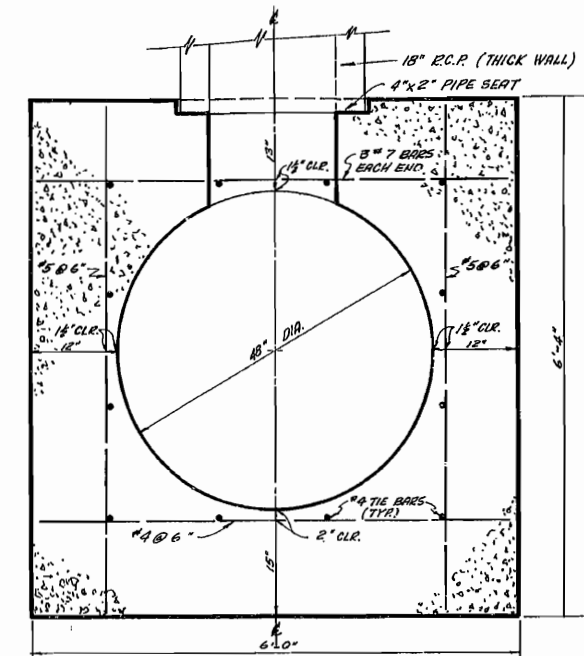
SHEET NO. 4 OF 5 SHEETS D-22543



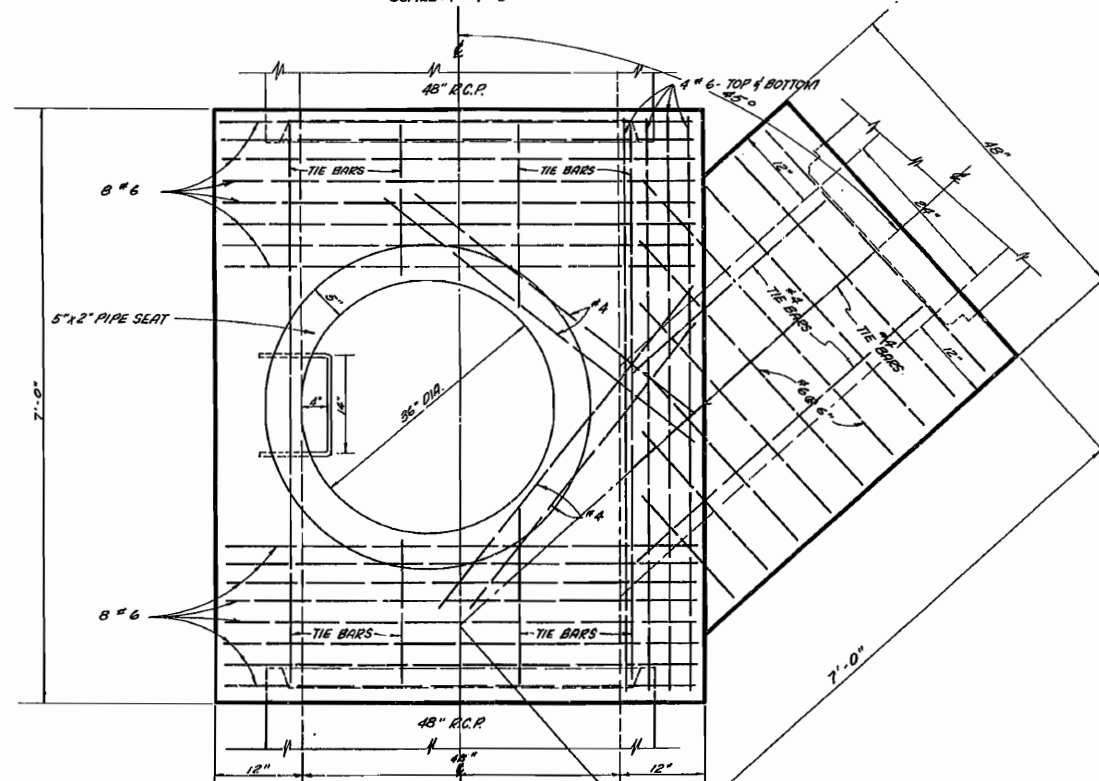
SECTION - MANHOLE JM
MODIFIED
SCALE: 1"=1'-0"



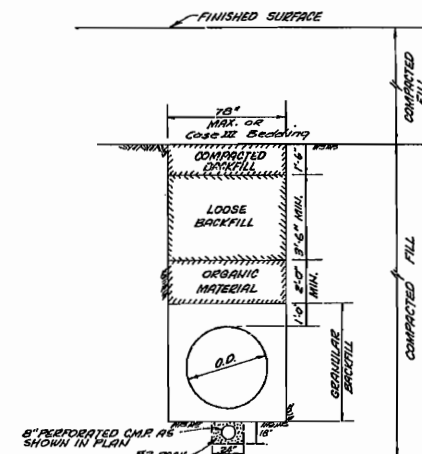
LONGITUDINAL SECTION - MANHOLE JM
MODIFIED
SCALE: 1"=1'-0"



SECTION - JUNCTION STRUCTURE C
MODIFIED
SCALE: 1"=1'-0"



PLAN - MANHOLE JM
MODIFIED
SCALE: 1"=1'-0"



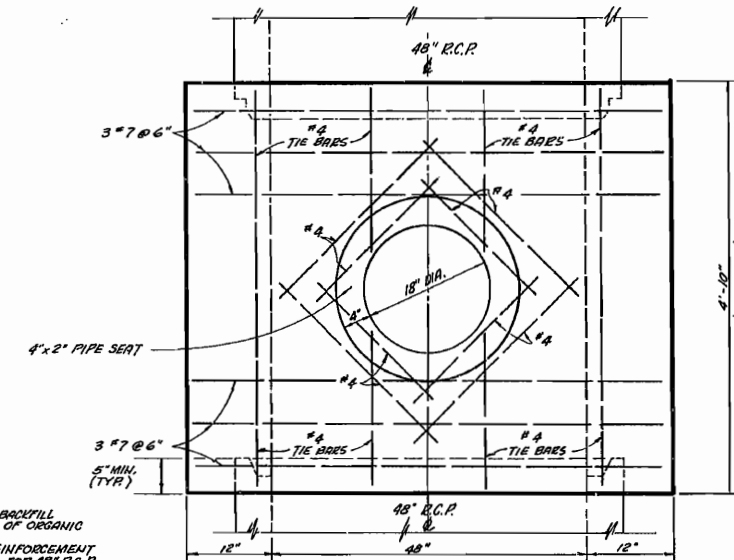
SECTION
BEDDING FROM 15+40 TO 26+45.17
STA. 24+30 TO STA. 25+40
SHALL BE #3 R.C.P. IN LIEU OF
GRANULAR BACKFILL.

BENCH MARK 24+10920
S.S.M. ON E 25 TH ST. AT L.A. CITY
BOUNDARY LINE, 85' E/O POLE NO.
453083 E. & 1450' W/O MARIANO DR.

ELEV. 398.774 (1961 ADJ.)

FIELD BOOK: PRIVATE ENGINEER

- NOTES
1. PROVIDE 5' MIN. LENGTH OF GRAVEL BACKFILL
6" PIPE ADJACENT TO MIN. 4" TO LEVEL OF ORGANIC
BACKFILL AND SUB-DRAIN SYSTEM.
 2. PROVIDE DOUBLE CIRCULAR ORG. REINFORCEMENT
FOR R.C.P. MIN. D. LOAD OF 3000-D FOR 48" R.C.P.
 3. SPECIAL BEDDING SHALL BE CASE 2 MODIFIED
BY 1"=12" AND 1"=12" IN ADDITION DRAINAGE
EQUIVALENT TO NOTE 1 SHALL BE PROVIDED
TO THE SATISFACTION OF THE ENGINEER.



PLAN - JUNCTION STRUCTURE C
MODIFIED
SCALE: 1"=1'-0"

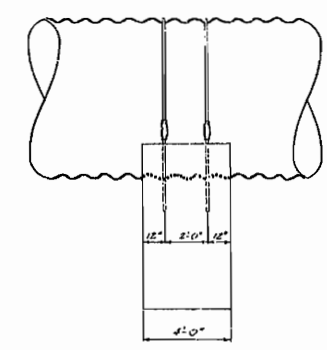
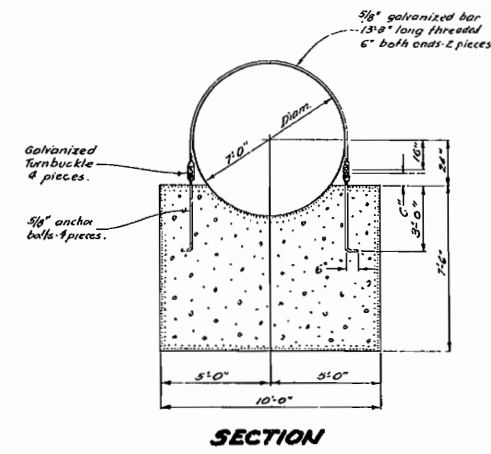
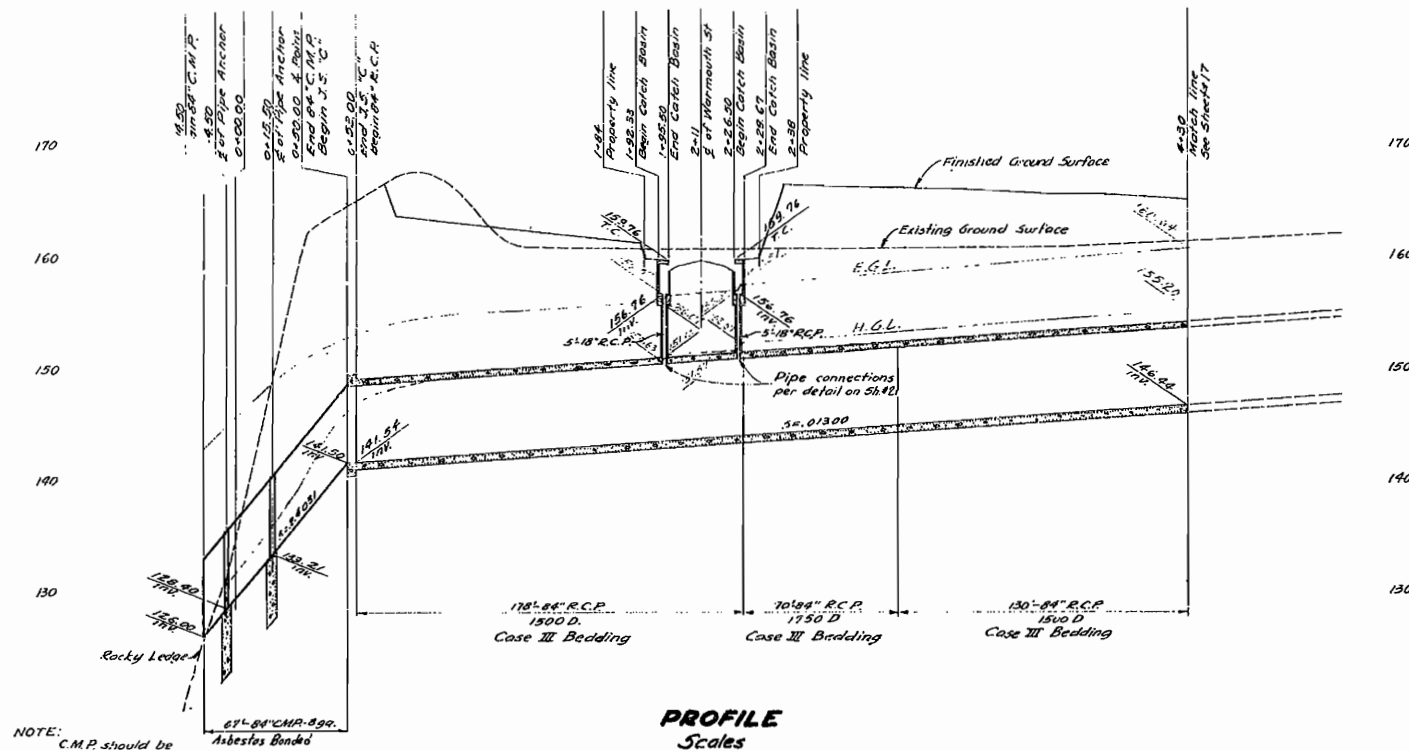
PERMIT BD-873 CHECKING PERMIT B-917 CONSTRUCTION 25 TH ST. & PASEO DEL MAR I.D.

RONALD W. MARTIN & ASSOCIATES
P.O. BOX 472 SO. LAGUNA, CALIF. 714-835-6227
PREPARED UNDER THE SUPERVISION OF:
RONALD W. MARTIN R.C.E. 14456 5-28-67 DATE

SUBMITTED June 19 1967
APPROVED
CITY ENGINEER

REVISIONS			APPROVALS		
DATE	DESCRIPTION	BY	DISTRICT OR DIVISION ENGINEER	CITY ENGINEER	DATE
5-28-67	REVISED PIPE SIZES	R.W.M.	[Signature]	[Signature]	5/28/67

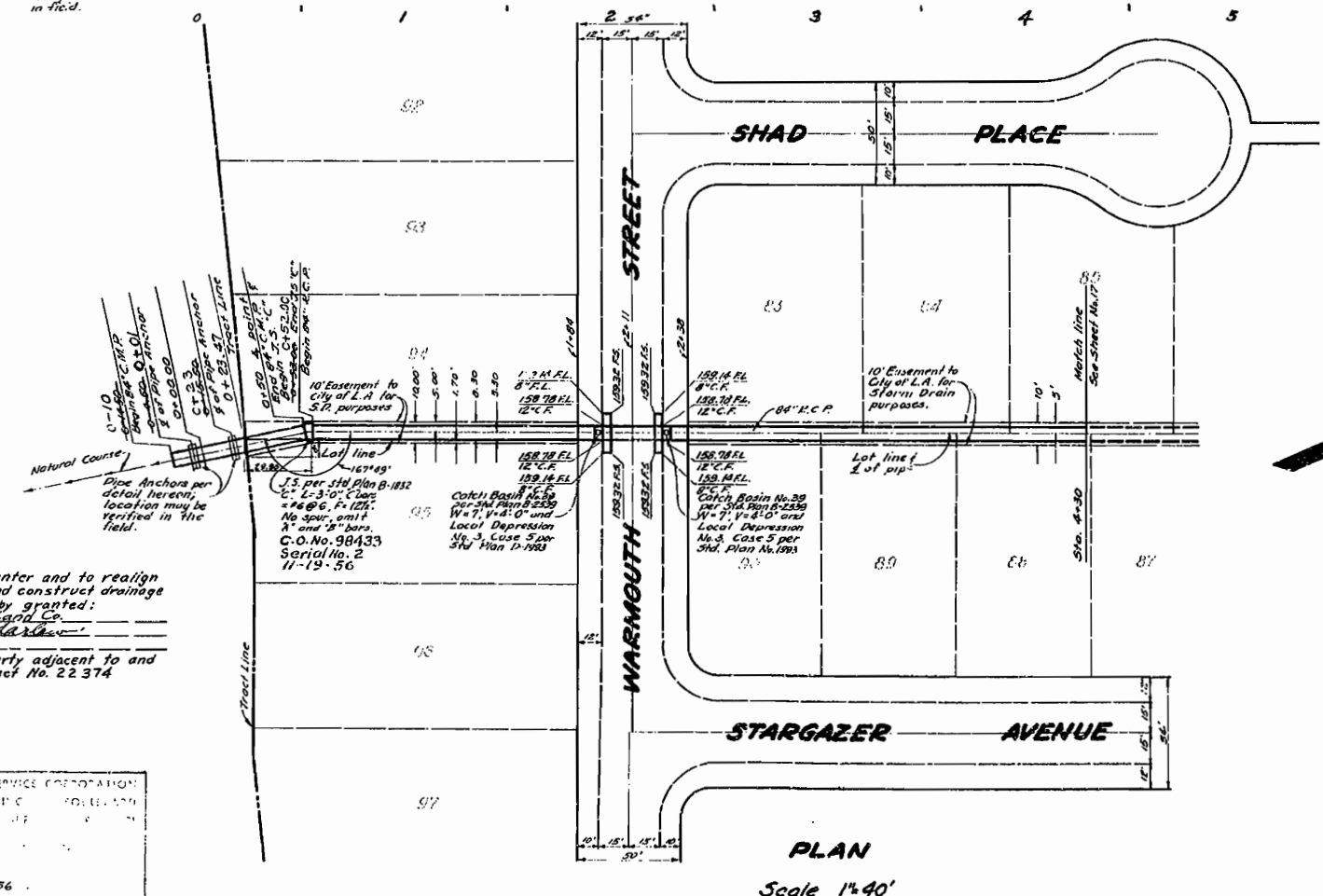
CITY OF LOS ANGELES
LYALL A. PARDEE CITY ENGINEER
DETAILS



DETAIL OF PIPE ANCHOR
Scale: 1/4"=1'-0"

NOTE:
C.M.P. should be
asbestos bonded,
inverted and
coated.
Verify outlet elev.
in field.

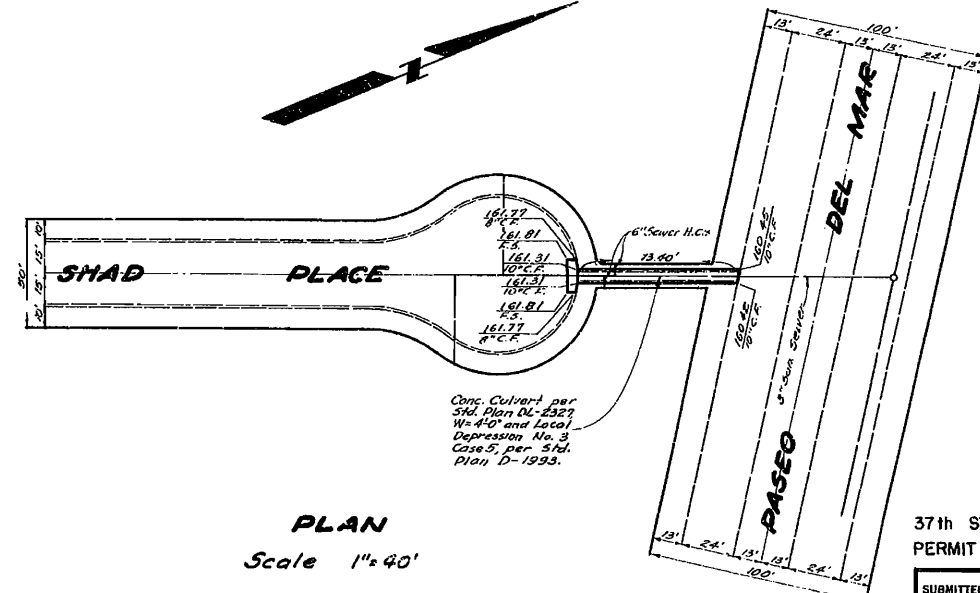
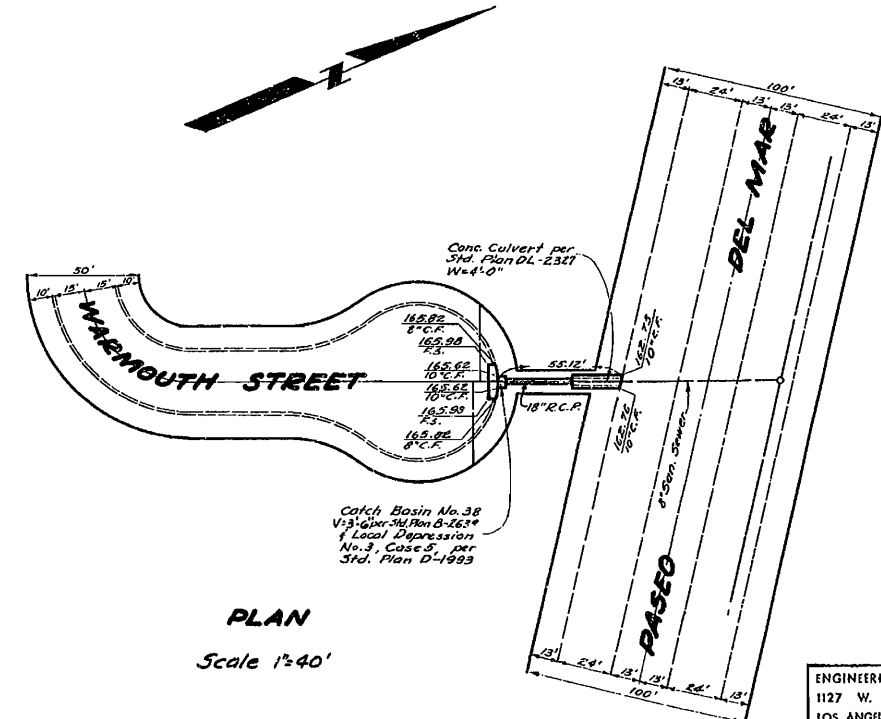
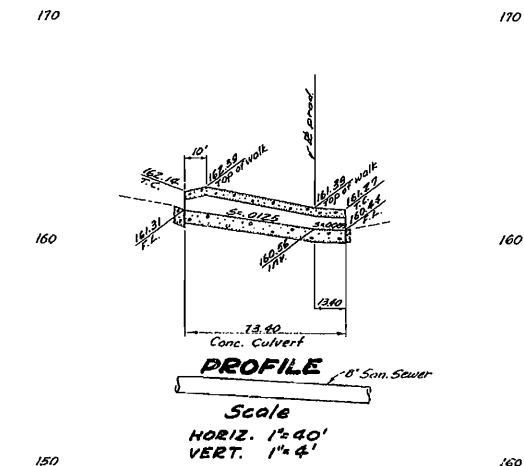
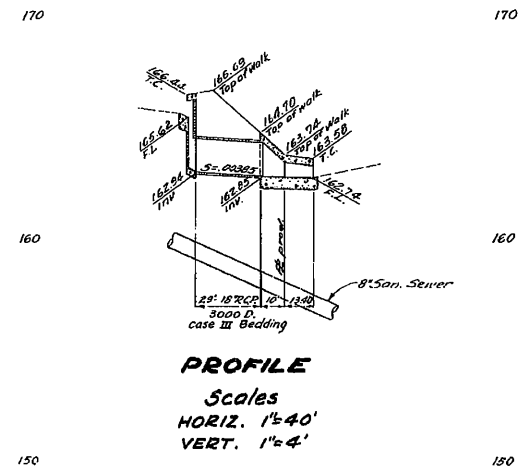
PROFILE
Scales
HORIZ. 1"=40'
VERT. 1"=8'



Permission to enter and to realign
water course and construct drainage
facilities is hereby granted:
Sewer District No. 1
Serial No. 2
11-19-56

ENGINEERING SERVICE CORPORATION
1221 W. WASHINGTON
LOS ANGELES, CALIF.
JUNE 1, 1956
R.S.A.

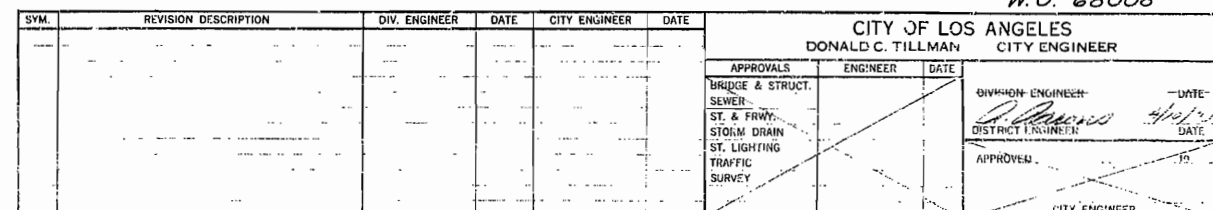
37th ST. AND ANCHOVY AVE. I.D. PERMIT B-361 CHECKING AND CONSTRUCTION	
SUBMITTED <u>Aug. 21</u> 1956 <u>E. E. Glave</u> DIVISION OR DISTRICT ENGINEER	APPROVED <u>Aug. 22</u> 1956 <u>Lyall A. Pardee</u> CITY ENGINEER
CITY OF LOS ANGELES LYALL A. PARDEE CITY ENGINEER PLAN AND PROFILE OF STORM DRAIN IN RIGHT OF WAY WEST OF STARGAZER AVENUE FROM 185 FEET SOUTH OF WARMOUTH STREET TO 195 FEET NORTH OF WARMOUTH STREET	
SHEET NO. 18 OF 23 SHEETS	P-17572



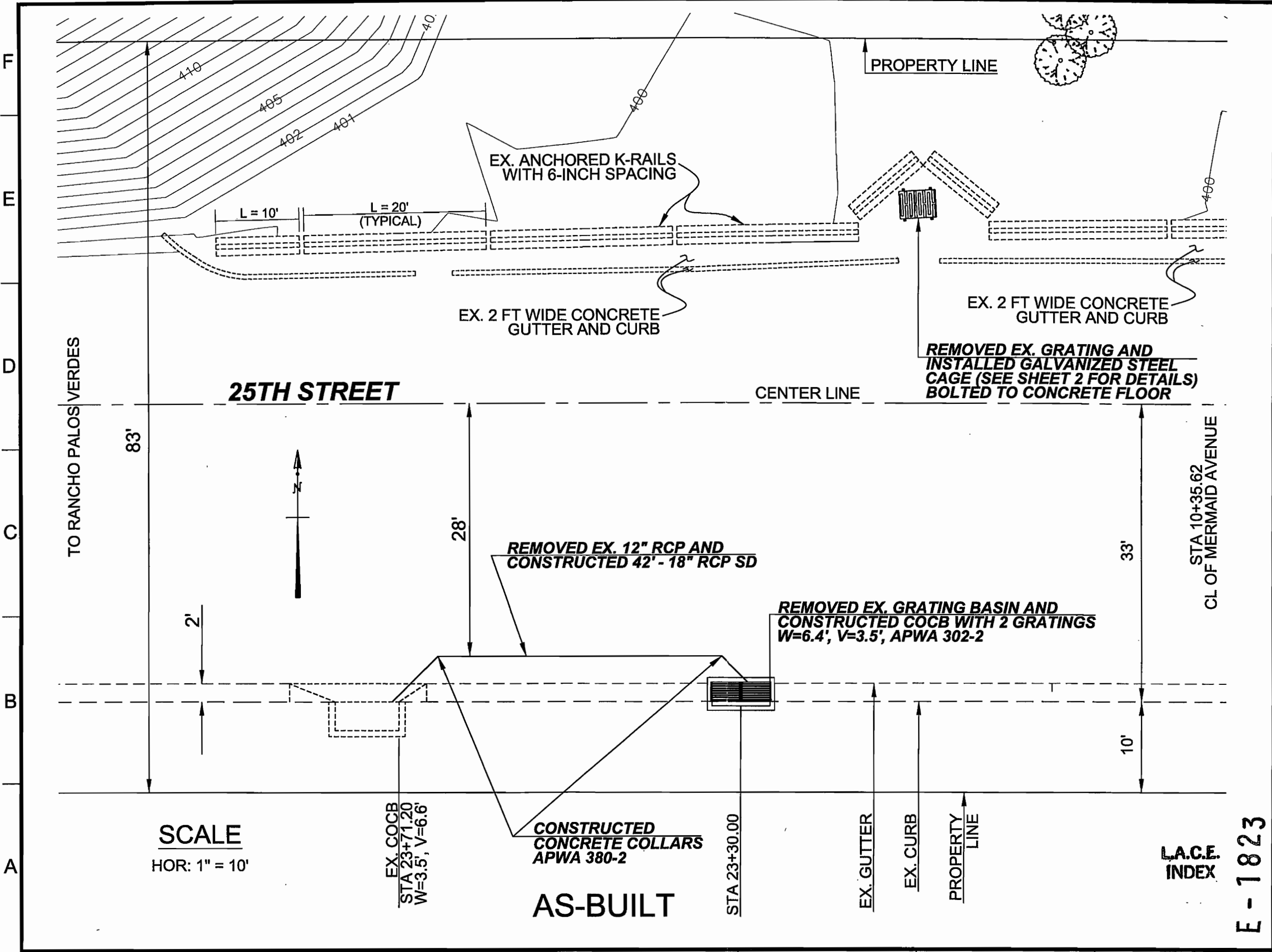
ENGINEERING SERVICE CORPORATION
 1127 W. WASHINGTON BOULEVARD
 LOS ANGELES 15, CALIF. RI 9-7281
 Designed By: *P.S.A.* Approved By: *P.S.A.*
 Date: *June 1, 1956* Rechecked By: *P.S.A.*
 W.O. 5677-B F.B. I.B.

37th ST. AND ANCHOVY AVE I.D.
 PERMIT B-361 CHECKING AND CONSTRUCTION

SUBMITTED <i>Aug 21</i> 1956 <i>E.E. Clove</i> DIVISION OR DISTRICT ENGINEER	APPROVED <i>Aug 22</i> 1956 <i>Lyall A. Pardee</i> CITY ENGINEER
CITY OF LOS ANGELES LYALL A. PARDEE CITY ENGINEER PLAN AND PROFILE OF STORM DRAIN IN R/W. 260' WEST OF STARGAZER AVE. FROM SHAD PLACE TO PASEO DEL MAR AND STORM DRAIN IN R/W. 250' EAST OF STARGAZER AVE. FROM WARMOUTH STREET TO PASEO DEL MAR	
SHEET NO. 22 OF 23 SHEETS	P-17572



THE CITY OF LOS ANGELES OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.



CITY OF LOS ANGELES

GARY LEE MOORE, P.E. CITY ENGINEER

DESIGN GROUP	
ENGINEER:	LEILANI WALSH
CHECKED BY:	DANILO ABALOS
APPROVED BY:	DANILO ABALOS

DATE: 3/06
LIC. NO.: C-56983

DEPARTMENT OF PUBLIC WORKS

AS-BUILT PLAN

PROJECT: 25TH ST AT RPV PHASE 2
EMERGENCY STORM DRAIN REPAIR
W.O. SZS11325

ADDRESS: 25TH STREET W/O CATALINA VISTA
SAN PEDRO, CA. 90732

BUREAU OF ENGINEERING

ENGINEERING
SERVING THE PRESENT
DESIGNING THE FUTURE

LA DPW

REGISTERED PROFESSIONAL ENGINEER

LEILANI WALSH

No. C-56983
Exp. 4/30/17

CIVIL

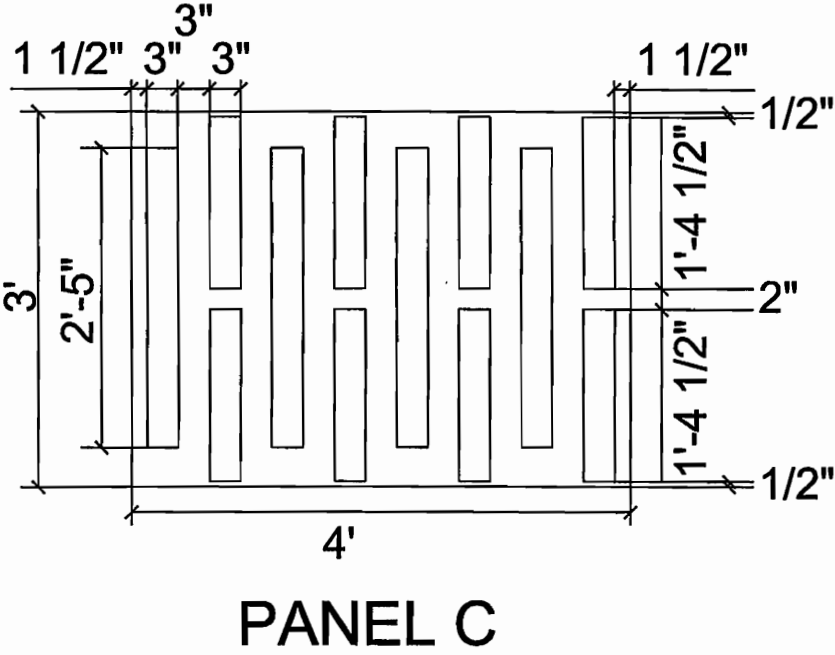
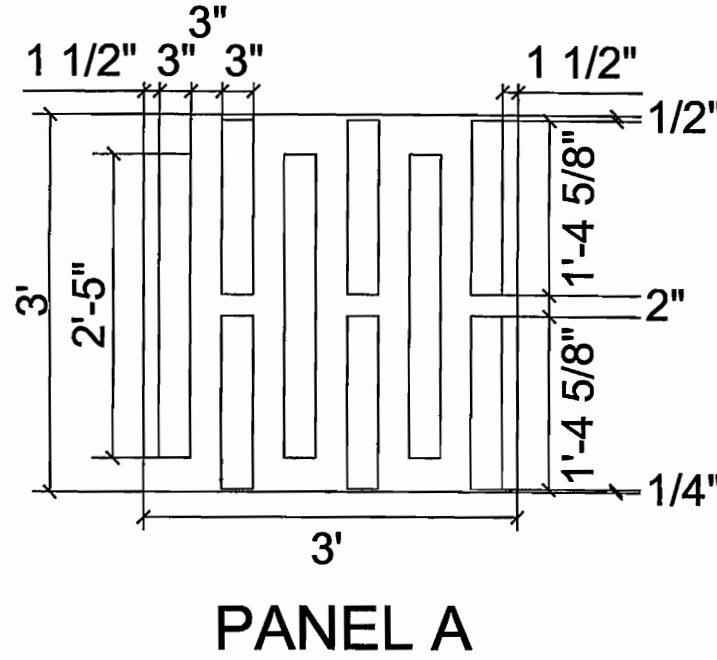
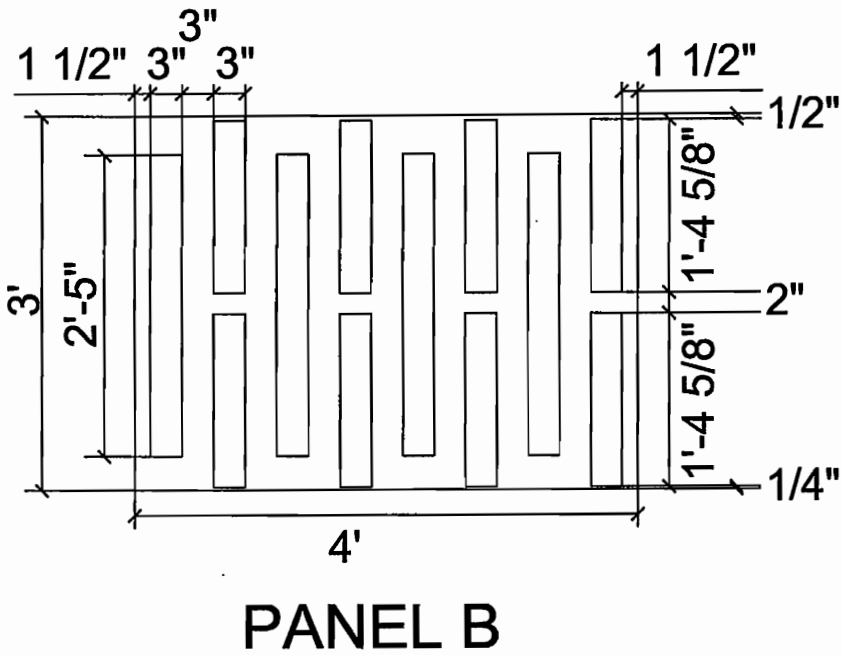
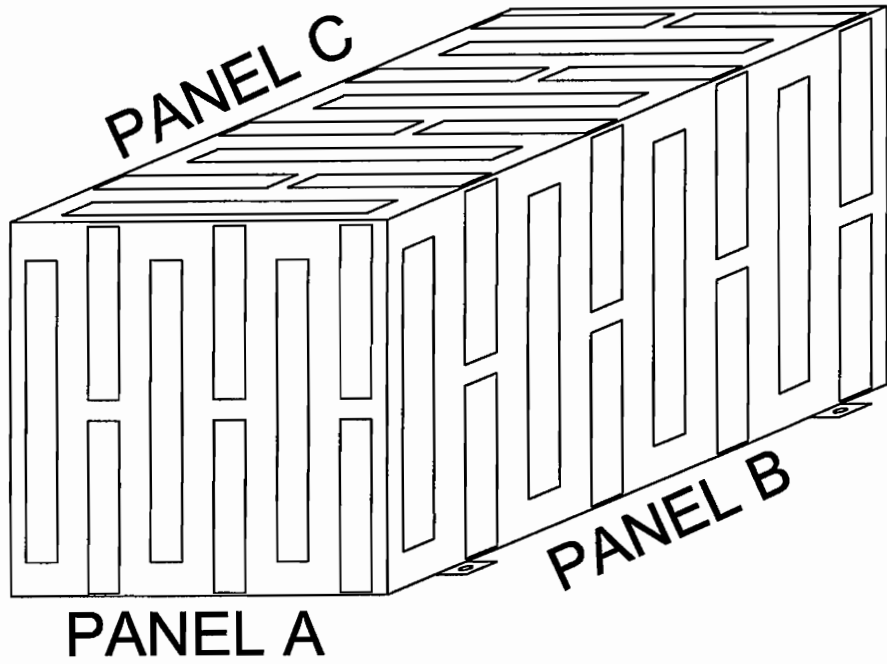
STATE OF CALIFORNIA

REFERENCE PLANS:

SHEET	1	OF	2	SCALE: 1" = 10'
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THE CITY OF LOS ANGELES OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

A B C D E F



AS-BUILT

L.A.C.E.
INDEX

E - 1823

LA DPW
ENGINEERING
SERVING THE PRESENT
DESIGNING THE FUTURE

SHEET TITLE:
AS-BUILT PLAN
GALVANIZED DRAIN BOX WITH SLOTS

PROJECT:
25TH ST AT RPV PHASE 2
EMERGENCY STORM DRAIN REPAIR
W.O. SZS11325

ADDRESS:
25TH STREET W/O CATALINA VISTA
SAN PEDRO, CA. 90732

REGISTERED PROFESSIONAL ENGINEER
LEILANI WALSH
No. C-56983
Exp. 12/31/27
CIVIL
STATE OF CALIFORNIA

GARY LEE MOORE, P.E. CITY ENGINEER

DESIGN GROUP

ENGINEER: LEILANI WALSH LIC. NO. C-56983 3/06

CHECKED BY: DANILO ABALOS

APPROVED BY: DANILO ABALOS 3/06

REFERENCE PLANS:

SHEET 2 OF 2 SCALE: NO SCALE