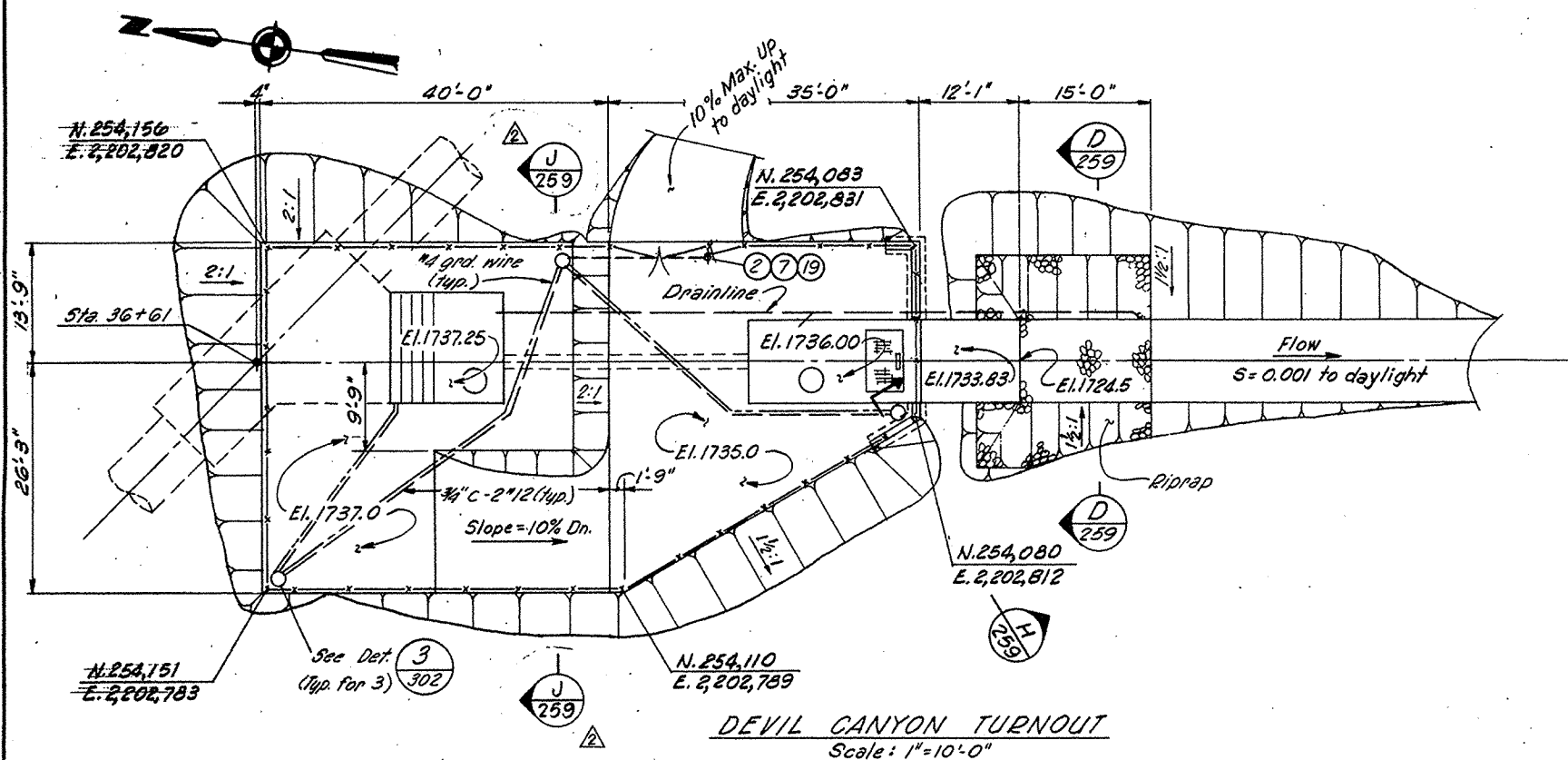
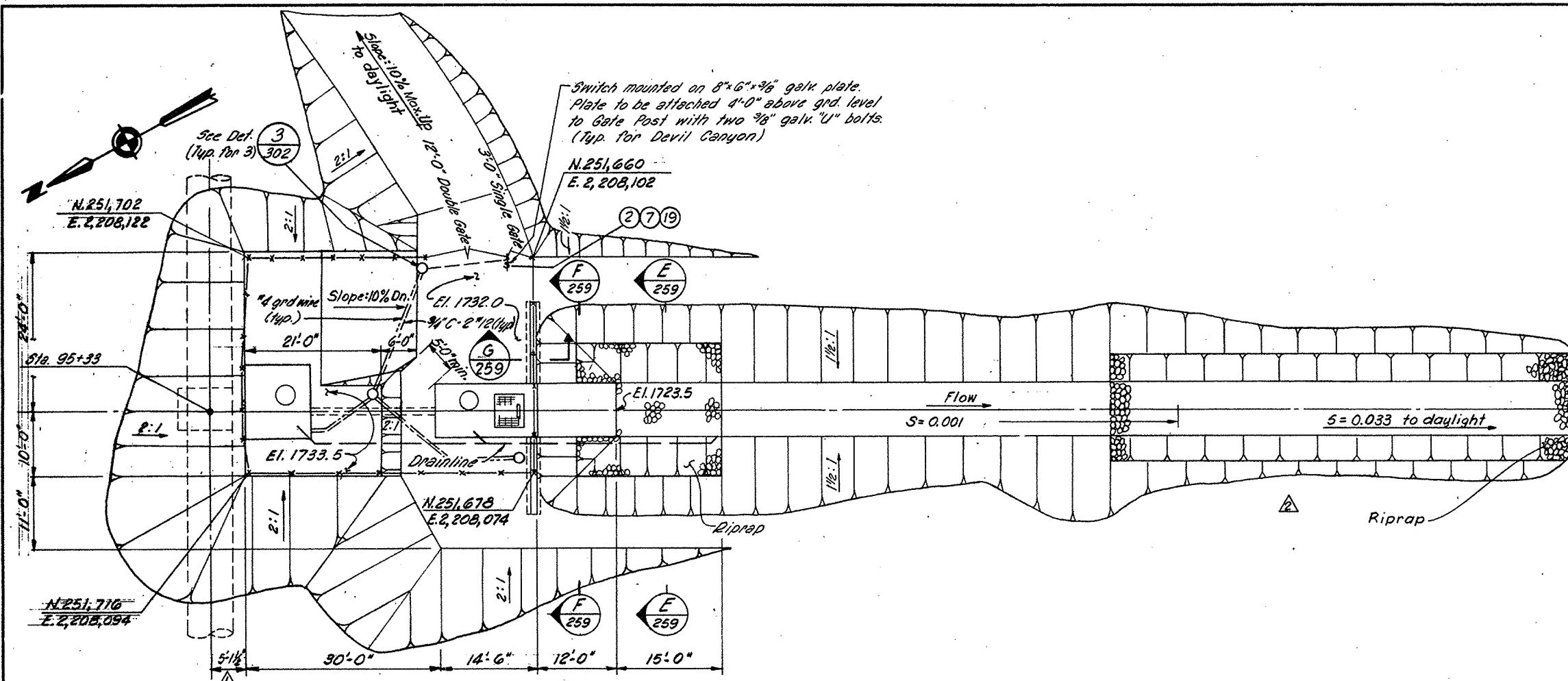




NOTES

- Fence corners are indicated by approximate coordinates only and final location shall be determined after final grading is completed.

REFERENCE DRAWINGS

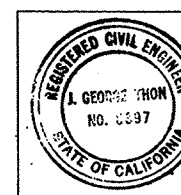
- C-205 Plan & Profile Sta. 27+50 to Sta. 37+00
- C-211 Plan & Profile Sta. 86+50 to Sta. 96+00
- C-259 Waterman Canyon-East Twin Creek Turnout Site Plan
- C-260 Devil Canyon Turnout Structures, Plan & Sections
- C-262 Badger Basin Turnout Structures, Plan & Sections
- C-263 Waterman Canyon-East Twin Creek Turnout Structures - Plan & Sections
- C-265 Waterman Canyon-East Twin Creek Turnout Structures - Telemetering Equipment Building
- C-266 Mayfield Avenue Turnout - Plan & Section
- C-270 Fencing Details
- M-290 Mechanical Details - Turnout Structures
- M-291 Instrumentation - Turnout Structures
- E-300 Devil Canyon and Badger Basin - Conduit Lighting and Grounding
- E-302 Conduit, Lighting and Grounding - Sections and Details

10 0 10 20

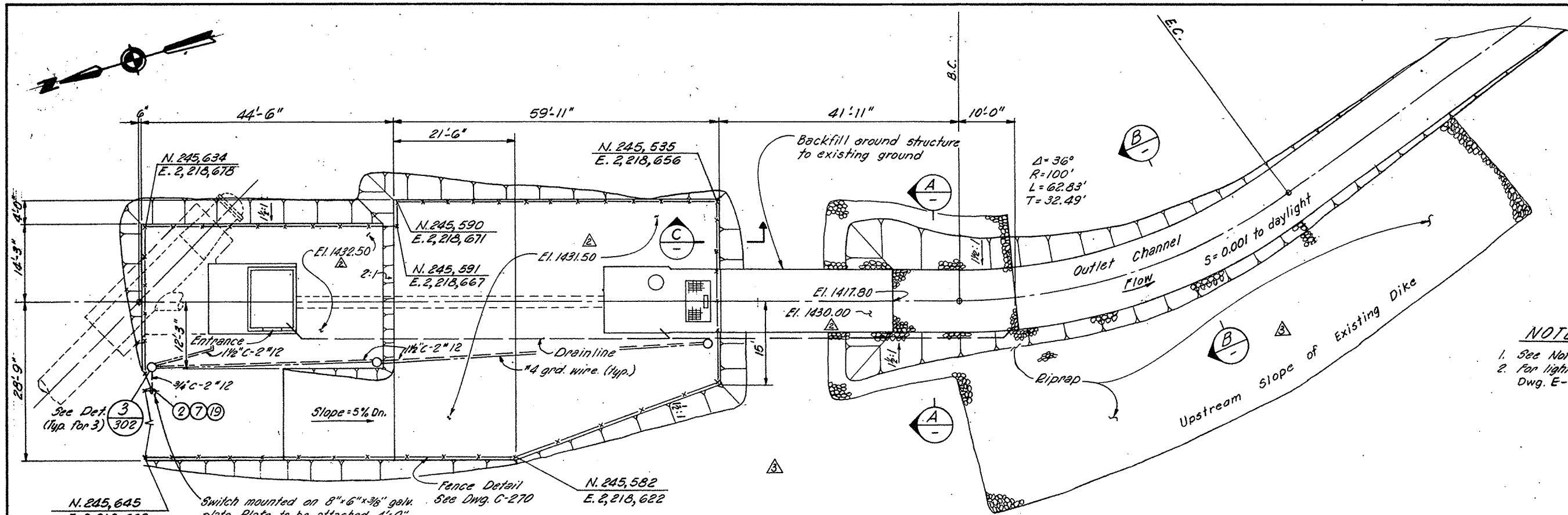
AS BUILT

NO.	DATE	REVISIONS	BY	CHK	ENG	PRO	CHIEF	CLIENT
1	9/1/70	As Built						
2	1/23/71	ISSUED FOR CONSTRUCTION						
3	9/21/70	ISSUED FOR PREPARATION OF PROPOSALS						

SAN BERNARDINO VALLEY
MUNICIPAL WATER DISTRICT
FOOTHILL PIPELINE
EAST BRANCH SECTION 1
DRAWINGS AND AS-BUILTS
No. 492 Drawing Size D
Page 1 of 1



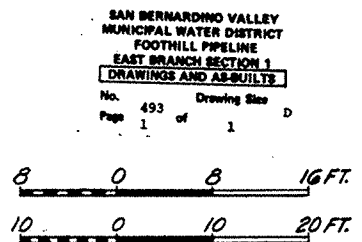
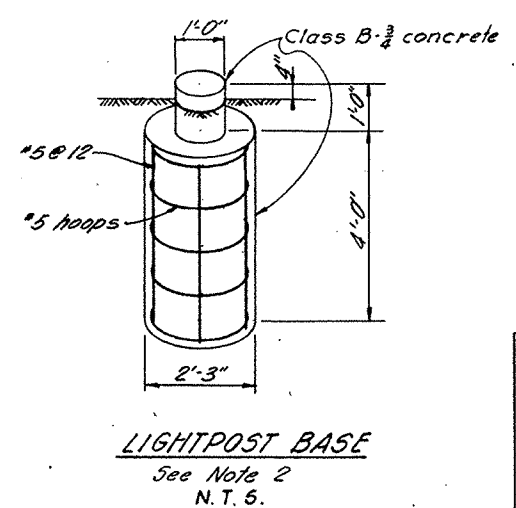
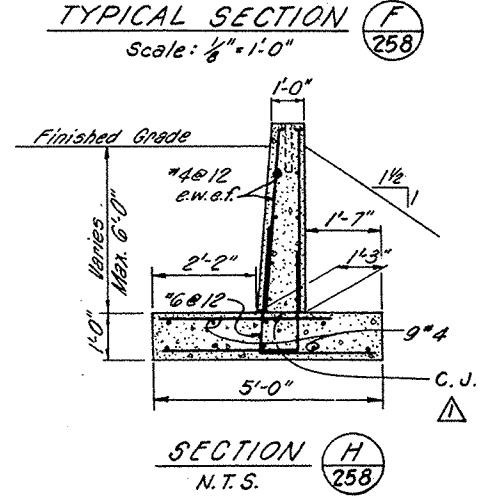
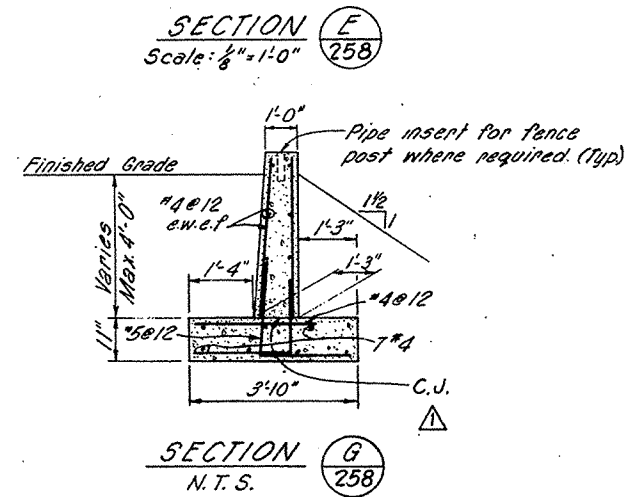
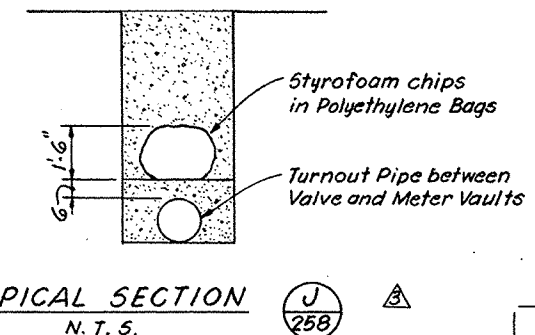
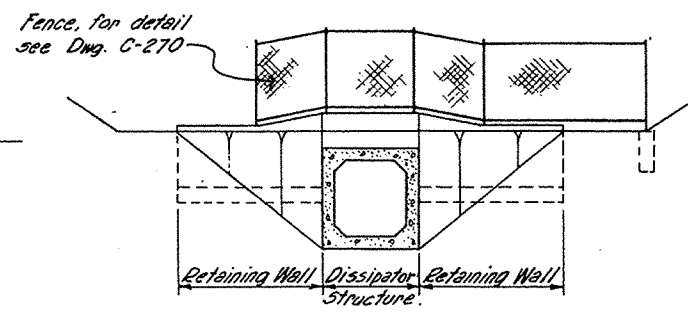
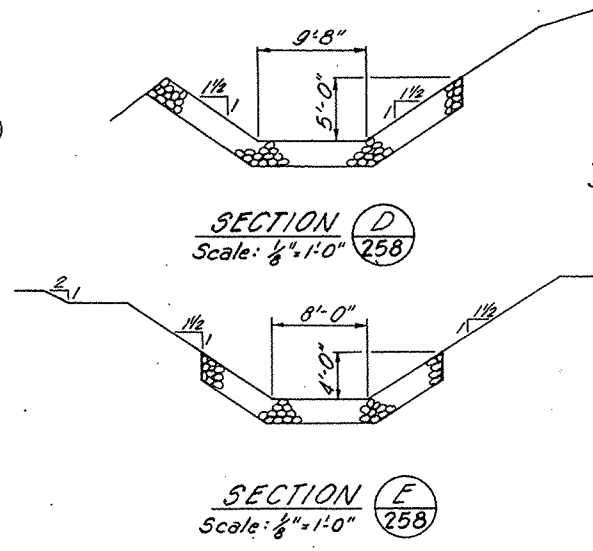
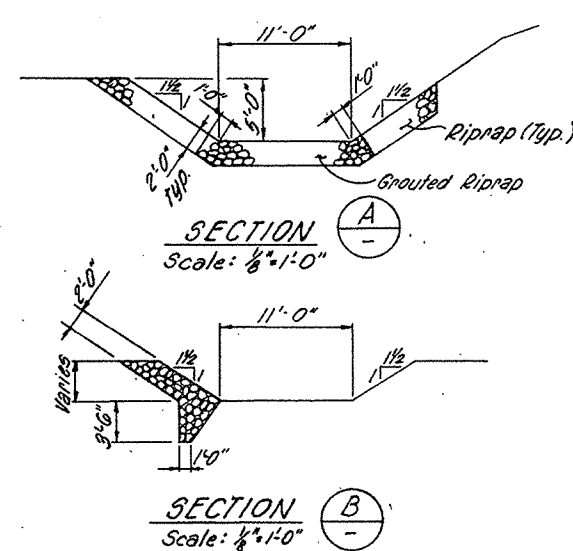
BECHTEL INCORPORATED			
SAN FRANCISCO			
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT WATER TRANSMISSION PROJECT			
DEVIL CANYON AND BADGER BASIN TURNOUTS SITE PLANS			
DATE	DES.	DES.	CHK.
9/21/70	DSN	P.M.S.	CH
DATE	CHK	ENG	PRO
1/23/71	CH	ENG	PRO
9/21/70	CH	ENG	PRO
JOB NO.	DRAWING NO.	REV.	
7843	7843-C-258	2	



- NOTES**
1. See Note 1, Dwg. C-258
 2. For light post details see Detail 3 Dwg. E-302.

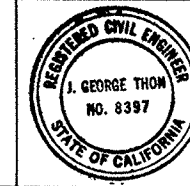
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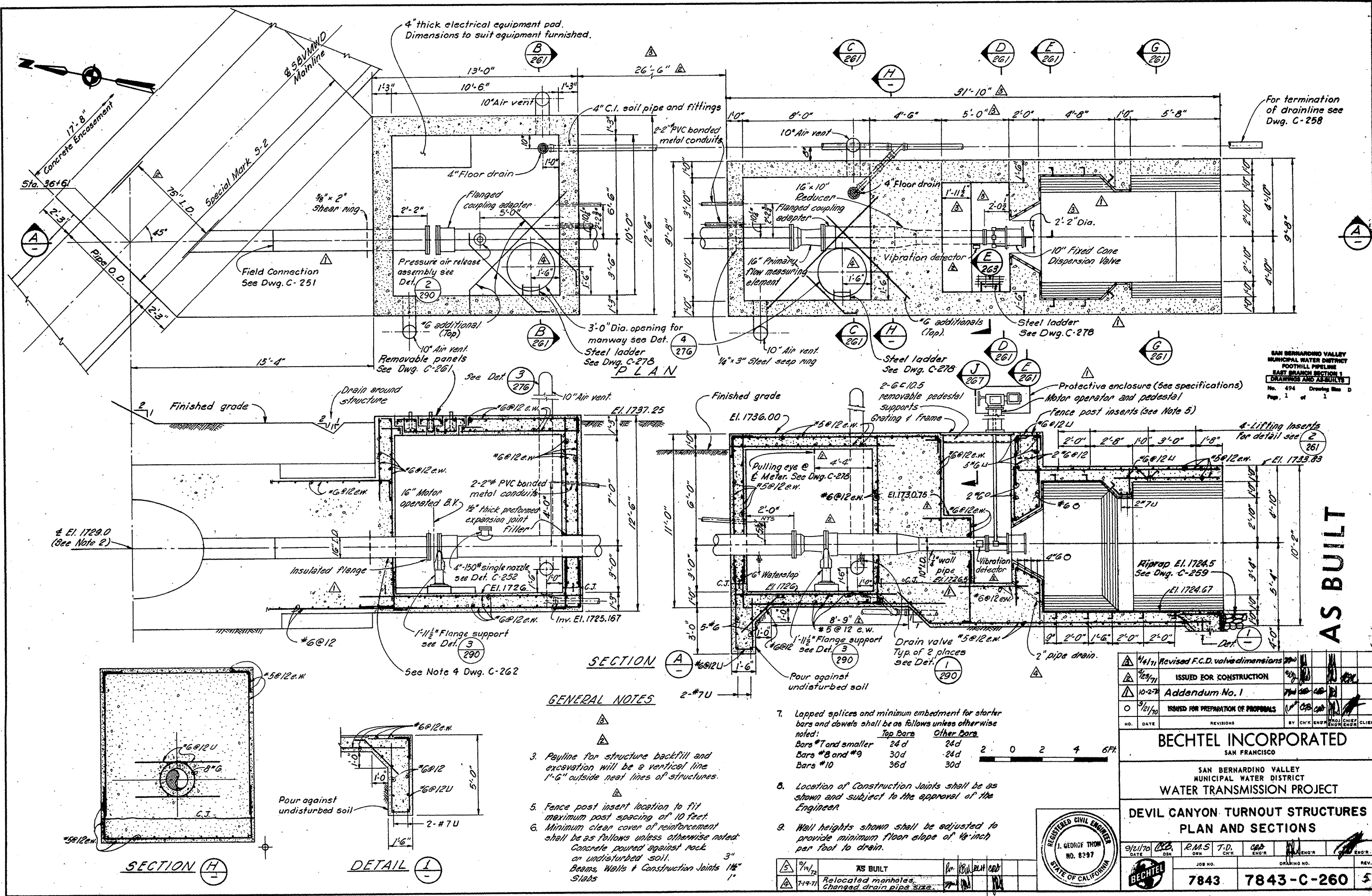
C-226 Plan & Profile Sta. 225+00 to Sta. 228+59

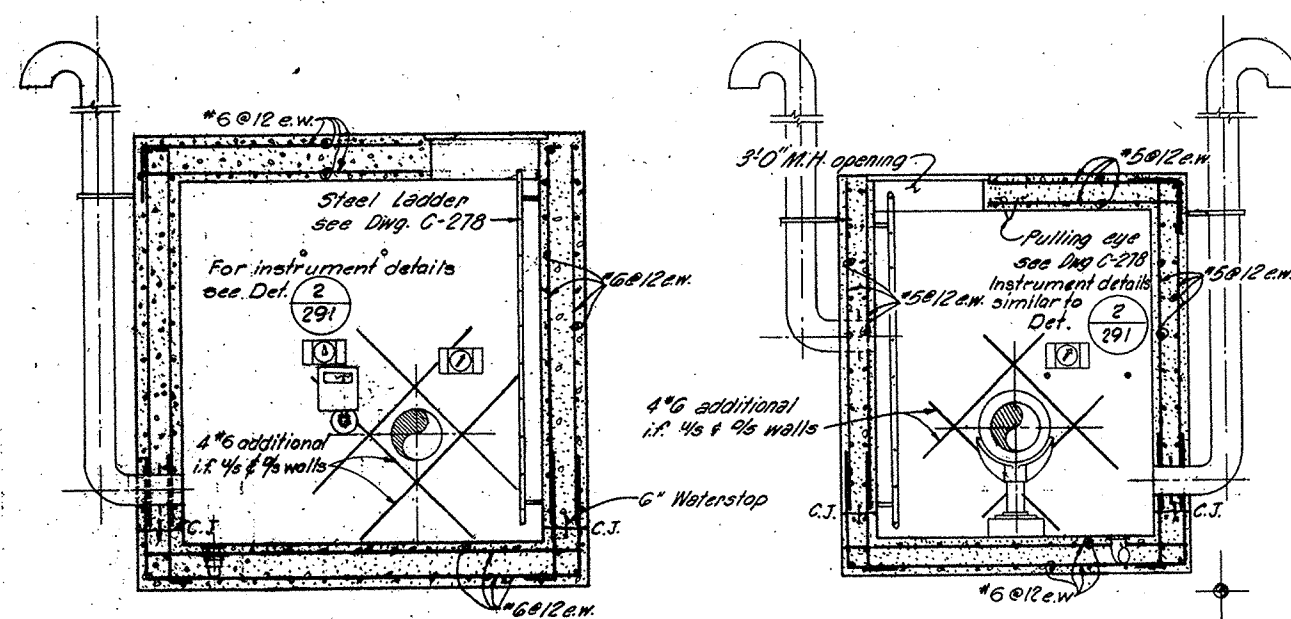


AS BUILT

10/1/72	AS BUILT	J. G. T.	W. T. P.	C. B.	C. J.
10/23/72	ISSUED FOR CONSTRUCTION	J. G. T.	W. T. P.	C. B.	C. J.
10-2-72	Addendum No. 1	J. G. T.	W. T. P.	C. B.	C. J.
9/21/70	ISSUED FOR PREPARATION OF PROPOSALS	J. G. T.	W. T. P.	C. B.	C. J.
NO.	DATE	REVISIONS	BY	CHK'G ENGR	PROJ. CHIEF
BECHTEL INCORPORATED SAN FRANCISCO					
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT WATER TRANSMISSION PROJECT					
WATERMAN CANYON-EAST TWIN CREEK TURNOUT SITE PLAN					
9/21/70	DATE	R.M.S.	C.B.	C.J.	C. J.
7843	JOB NO.	7843-C-259	DRAWING NO.	3	REV.

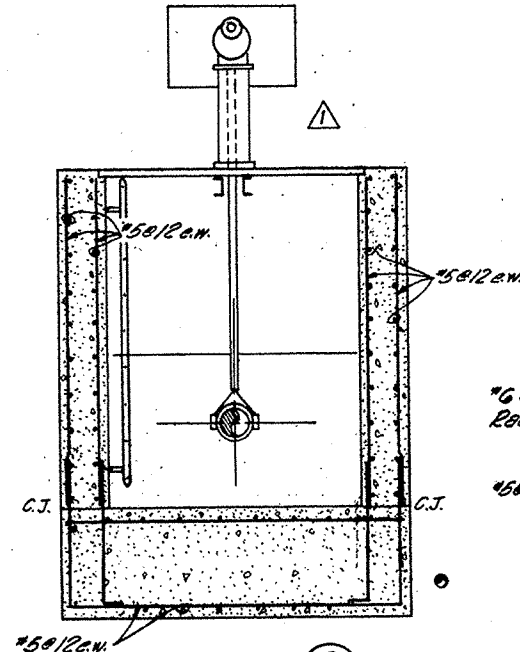




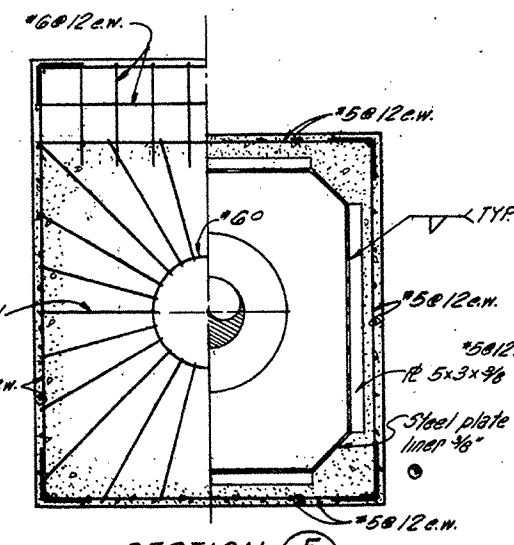


SECTION B
260

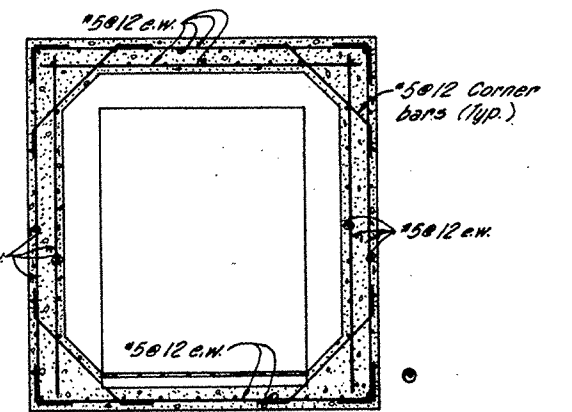
SECTION C
260



SECTION D
260



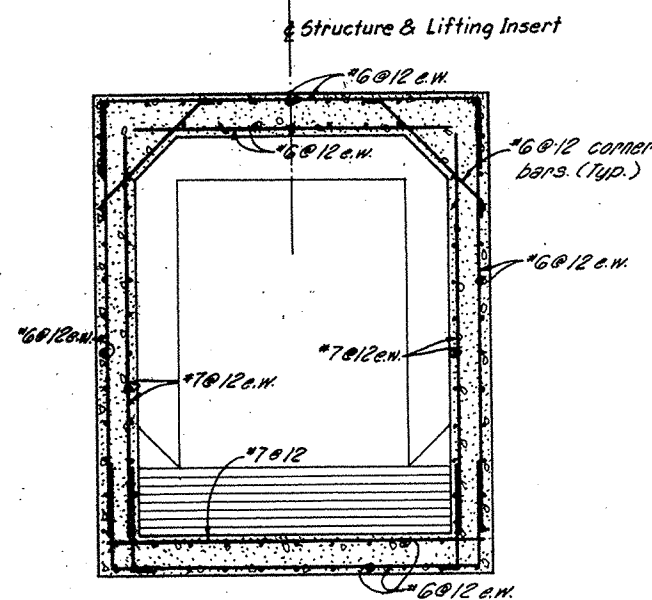
SECTION E
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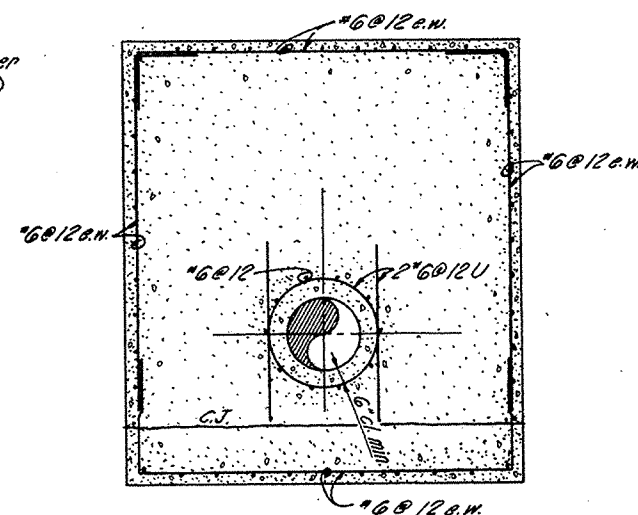
SECTION G
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NOTES

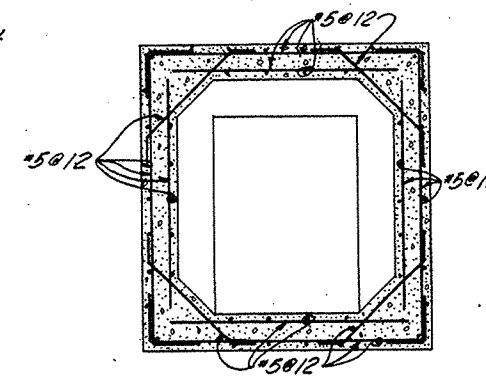
1. See General Notes on Drawing C-260.



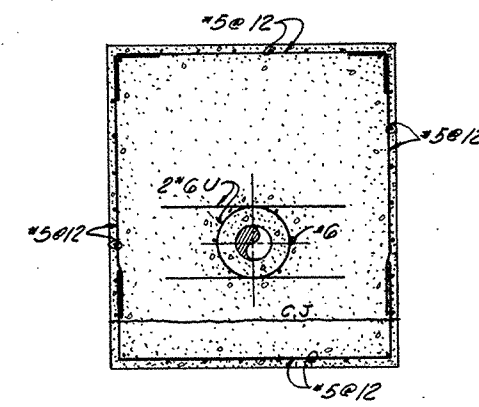
SECTION J
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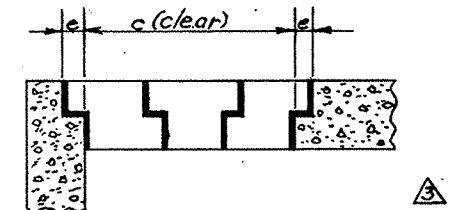
SECTION K
263



SECTION L
262

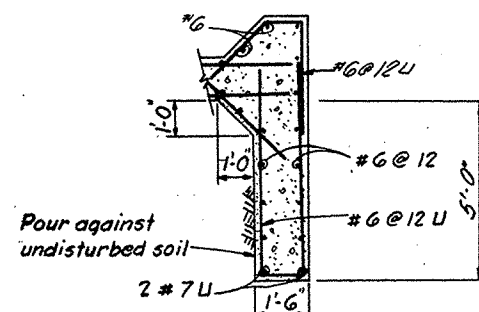


SECTION M
262

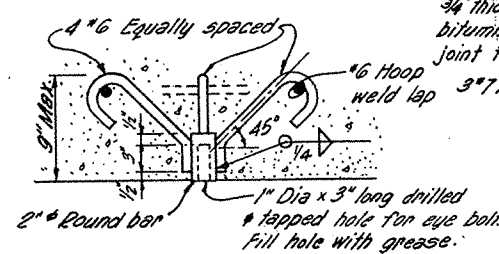


REMOVABLE PANEL SEAT
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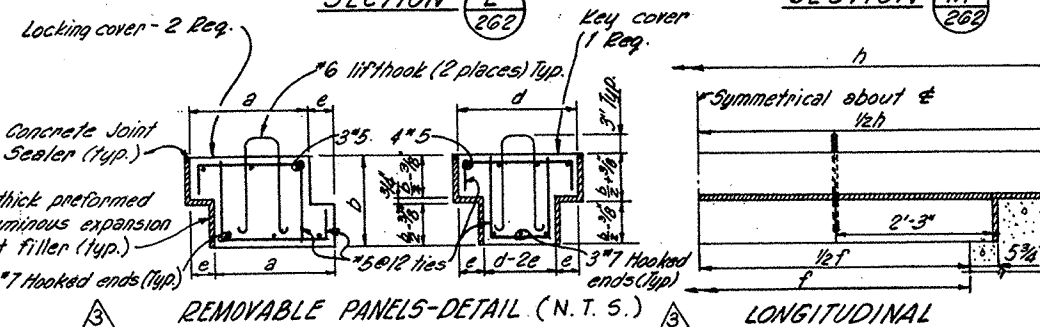
AS BUILT



DETAIL I
264



TYPICAL LIFTING INSERT-DETAIL 2
N.T.S. 260, 262, 264

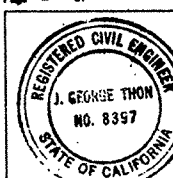


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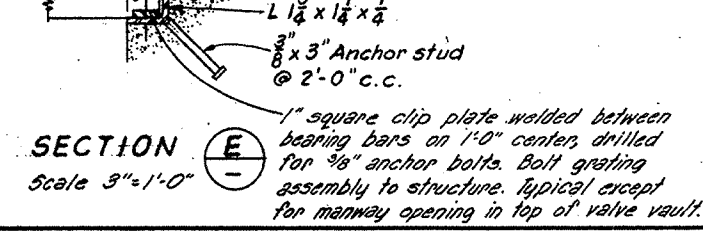
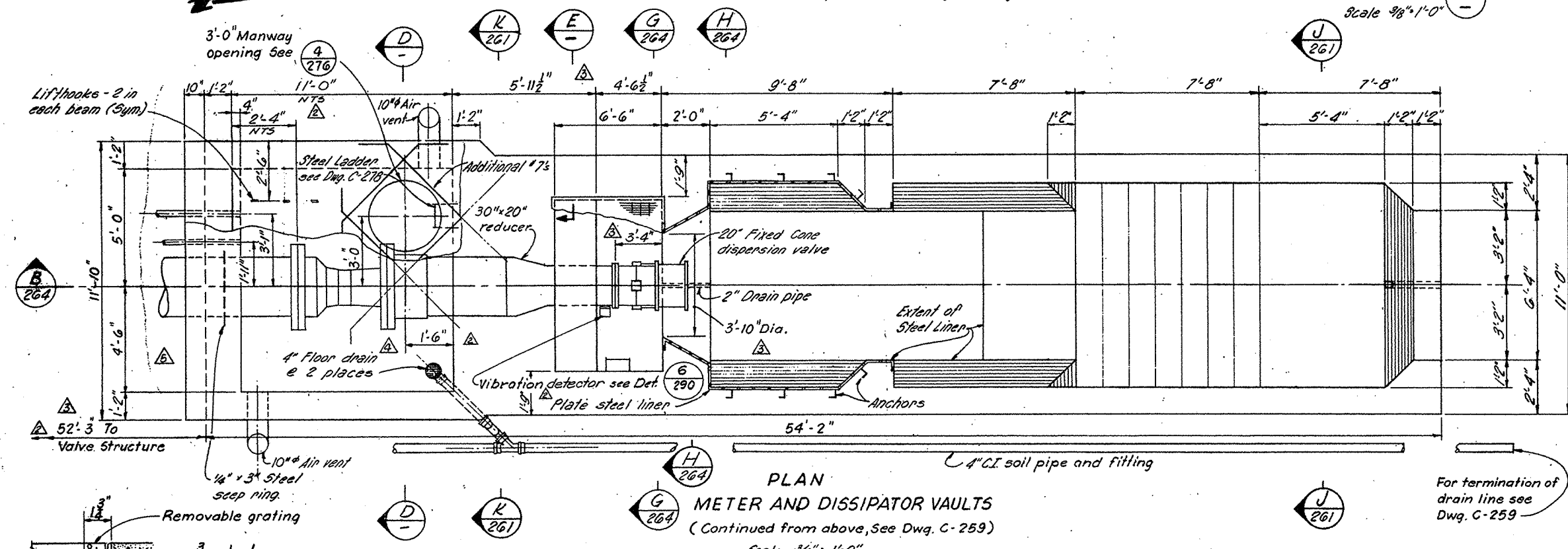
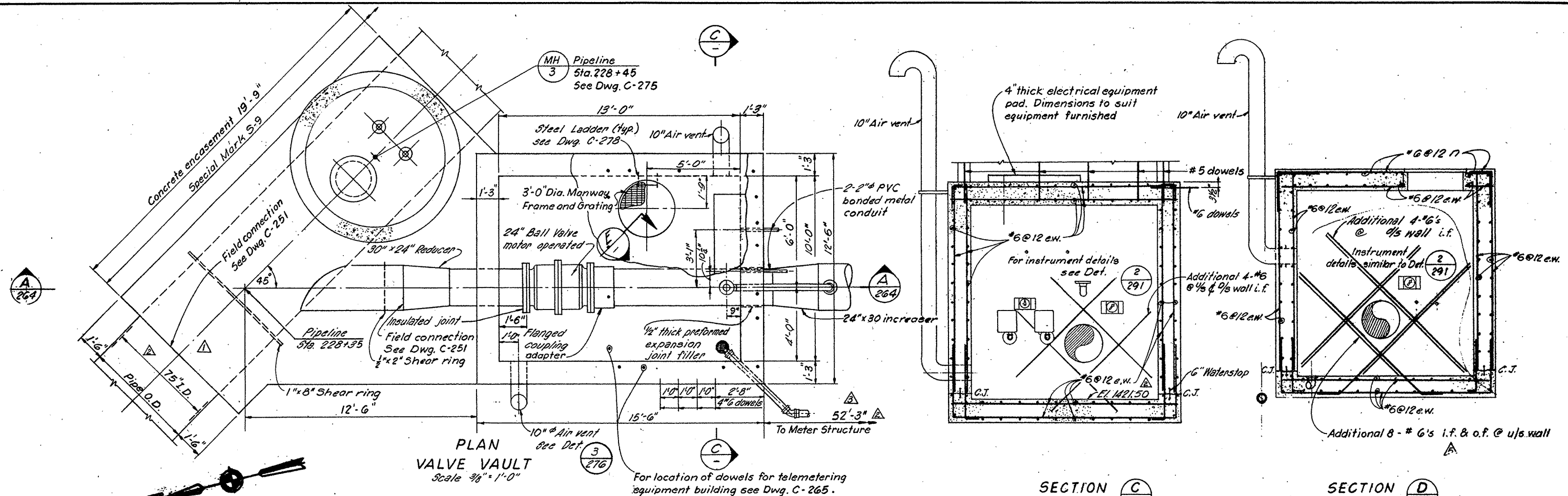
LONGITUDINAL

TURNOUT STRUCTURE	a	b	c	d	e	f	h
Devil Canyon	1'-5 1/4"	1'-3"	4'-1 1/2"	1'-8"	4"	10'-0"	12'-6"
Badger Basin	11"	1'-0"	3'-0"	1'-3 1/2"	2 1/4"	9'-0"	11'-0"
Waterman							
Valve Vault	1'-8"	1'-3"	4'-7"	1'-6 1/2"	3 1/4"	10'-0"	12'-6"
Meter Vault	1'-5 1/4"	1'-2"	4'-1 1/2"	1'-8"	4"	9'-6"	11'-10"
Mudfield							
Valve Vault	1'-4"	1'-3"	3'-11"	1'-6 1/2"	3 1/4"	7'-6"	10'-0"
Meter Vault	1'-4 3/4"	1'-3"	4'-0 1/2"	1'-6 1/2"	3 1/4"	10'-3"	12'-9"

SAN BERNARDINO VALLEY
MUNICIPAL WATER DISTRICT
FOOTHILL PIPELINE
EAST BRANCH SECTION 1
DRAWINGS AND RESULTS
No. 495 Drawing Size D
Page 1 of 1



NO.	DATE	REVISIONS	BY	CHK'D	ENGR	PROJ. CHIEF	CLIENT
1	10/1/72	AS BUILT					
2	11/2/71	CORRECTED PANEL DIMENSIONS, ADDED PANEL SEAT VIEW					
3	12/3/71	ISSUED FOR CONSTRUCTION					
4	10-2-70	Addendum No. 1					
5	9/21/70	ISSUED FOR PREPARATION OF PROPOSALS					
BECHTEL INCORPORATED SAN FRANCISCO SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT WATER TRANSMISSION PROJECT TURNOUT STRUCTURES SECTIONS							
9/21/70	DATE	R.M.S. T.D.	OWN	CHK'D	ENGR	PAID TO	REV.
7843							
7843							



NOTES:
1. See General Notes on Drawing C-260.

SAN BERNARDINO VALLEY
MUNICIPAL WATER DISTRICT
FOOTHILL PIPELINE
EAST BRANCH SECTION 1
DRAWINGS AND AS-BUILTS
No. 497 Drawing Size D
Page 1 of 1

AS BUILT

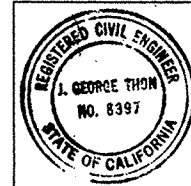
NO.	DATE	REVISIONS	BY	CHK	ENGR	PROJ. CHIEF	CLIENT
1	10/1/70	AS BUILT	JW	BL	ELH	APP	
2	7/19/71	Relocated meter vault manhole	JW	BL	ELH	APP	
3	6/1/71	Revised F.C.D. valve dimensions	JW	BL	ELH	APP	
4	7/29/71	ISSUED FOR CONSTRUCTION	JW	BL	ELH	APP	
5	10-2-72	Addendum No. 1	JW	BL	ELH	APP	
6	9/21/70	ISSUED FOR PREPARATION OF PROPOSALS	JW	BL	ELH	APP	

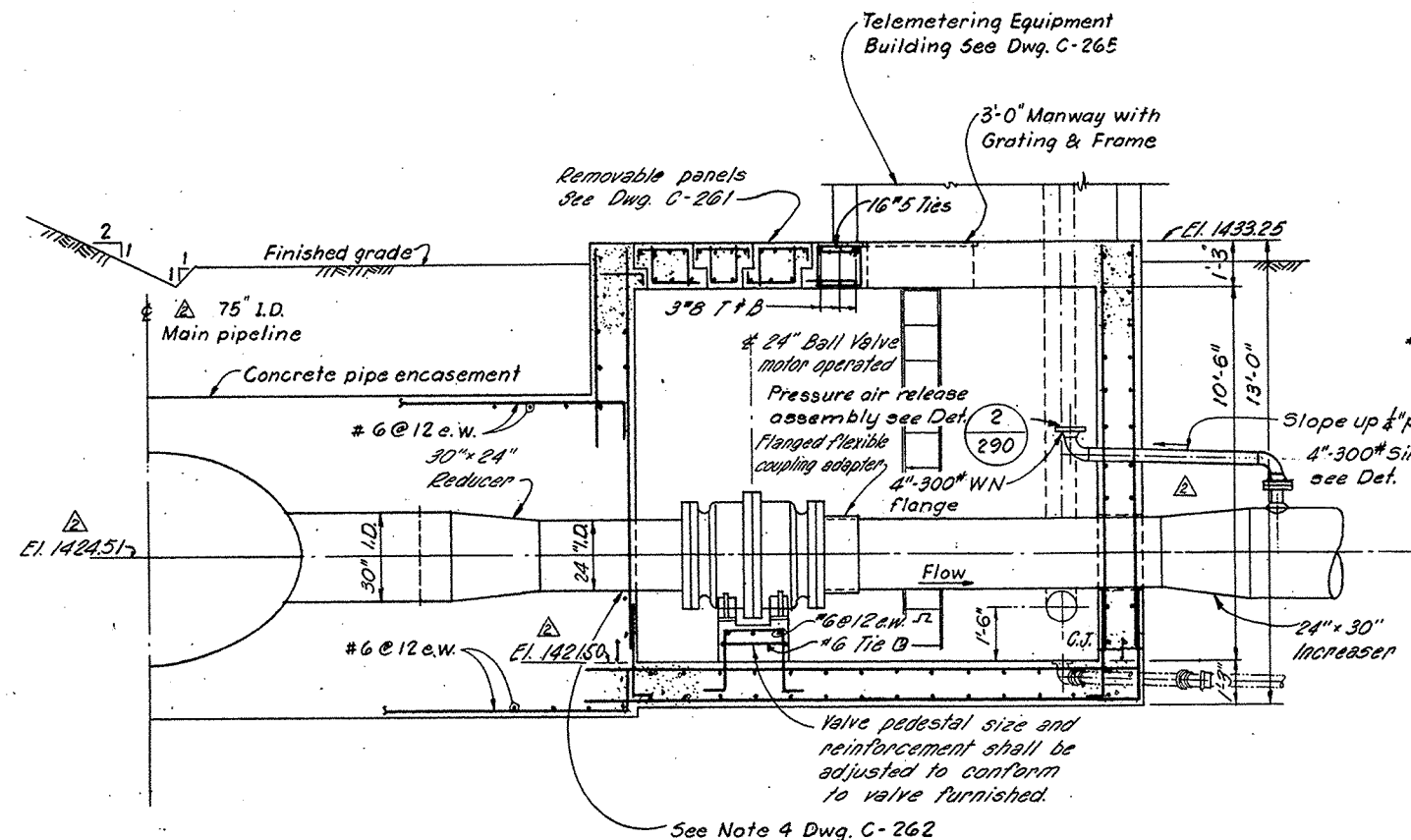
BECHTEL INCORPORATED
SAN FRANCISCO

SAN BERNARDINO VALLEY
MUNICIPAL WATER DISTRICT
WATER TRANSMISSION PROJECT

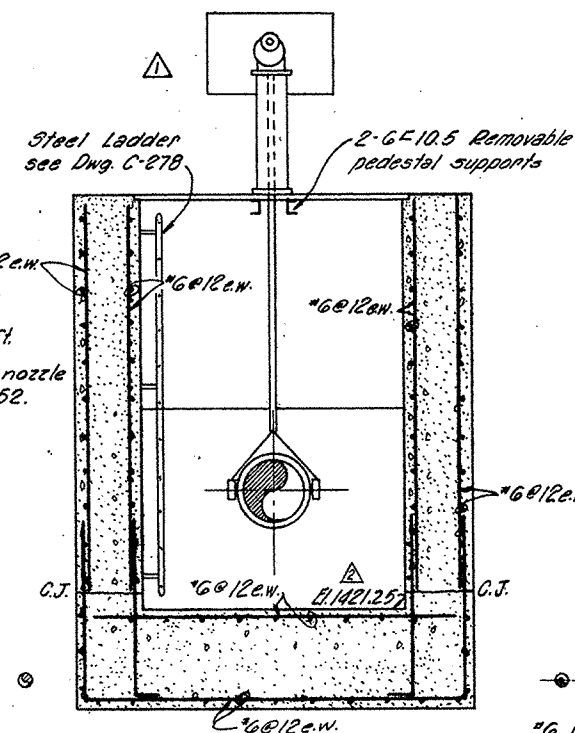
**WATERMAN CANYON-EAST TWIN CREEK
TURNOUT STRUCTURES
PLAN AND SECTIONS**

DATE	9/21/70	DESIGN	J.M.S.	T.D.	CHK	ENGR	PROJ. CHIEF	CLIENT
JOB NO.	7843	DRAWING NO.	7843-C-263	REV.	5			

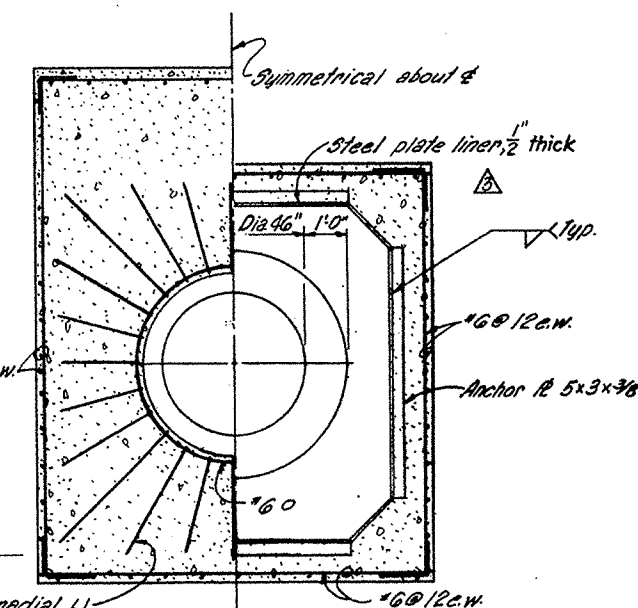




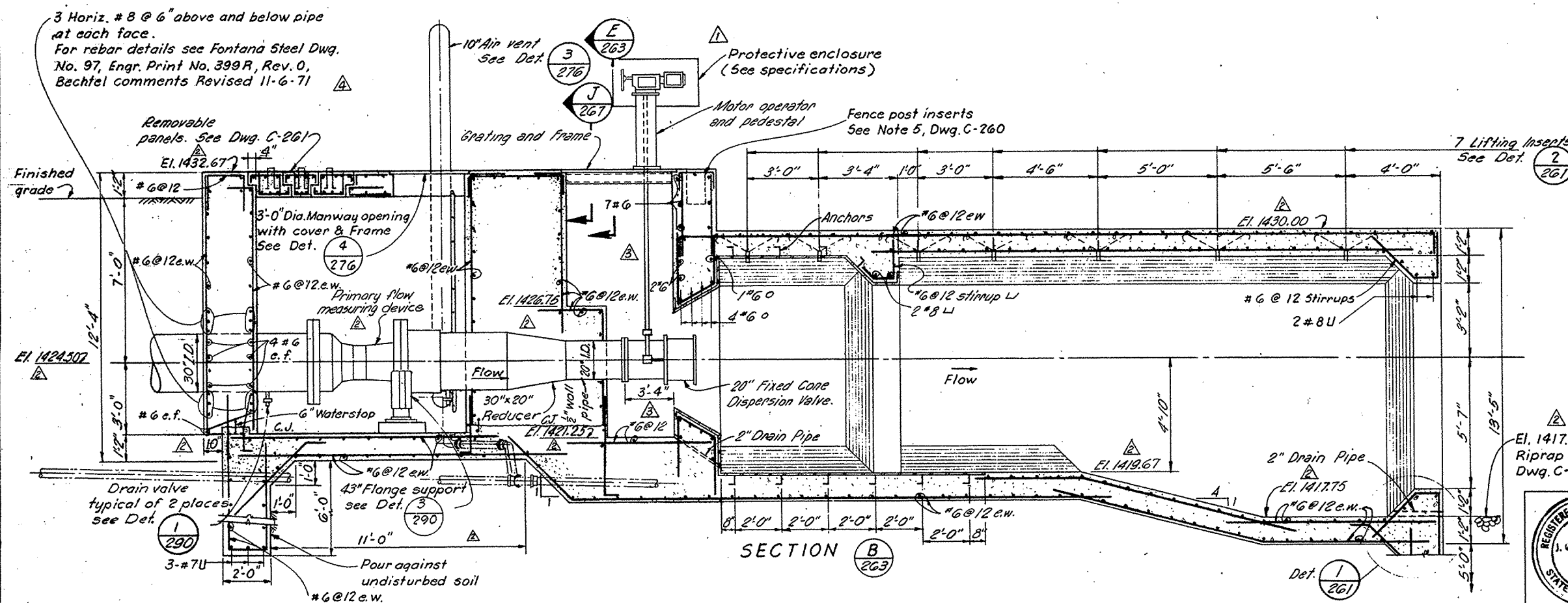
SECTION **A**
263



SECTION **G**
263



SECTION **H**
263



SECTION **B**
263

NOTES

1. See General Notes on Drawing C-260.
2. Wall heights shown shall be adjusted to provide minimum floor slope of 1/8 inch per foot to drain.

SAN BERNARDINO VALLEY
MUNICIPAL WATER DISTRICT
FOOTHILL PIPELINE
EAST BRANCH SECTION 1
DRAWINGS AND ASSUMPTIONS
No. 498 Drawing Size D
Page 1 of 1

0 2 4 6 FT.

AS BUILT

7/19/72	AS BUILT	7/19/72	7/19/72	7/19/72	7/19/72
4/1/71	Revised F.C.D. valve dimensions	4/1/71	4/1/71	4/1/71	4/1/71
4/2/71	ISSUED FOR CONSTRUCTION	4/2/71	4/2/71	4/2/71	4/2/71
10-2-70	Addendum No. 1	10-2-70	10-2-70	10-2-70	10-2-70
9/2/70	ISSUED FOR PREPARATION OF PROPOSALS	9/2/70	9/2/70	9/2/70	9/2/70

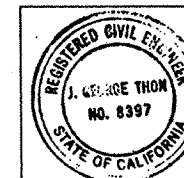
NO. DATE REVISIONS BY CHK'G ENGR. PROJ. CHIEF CLIENT

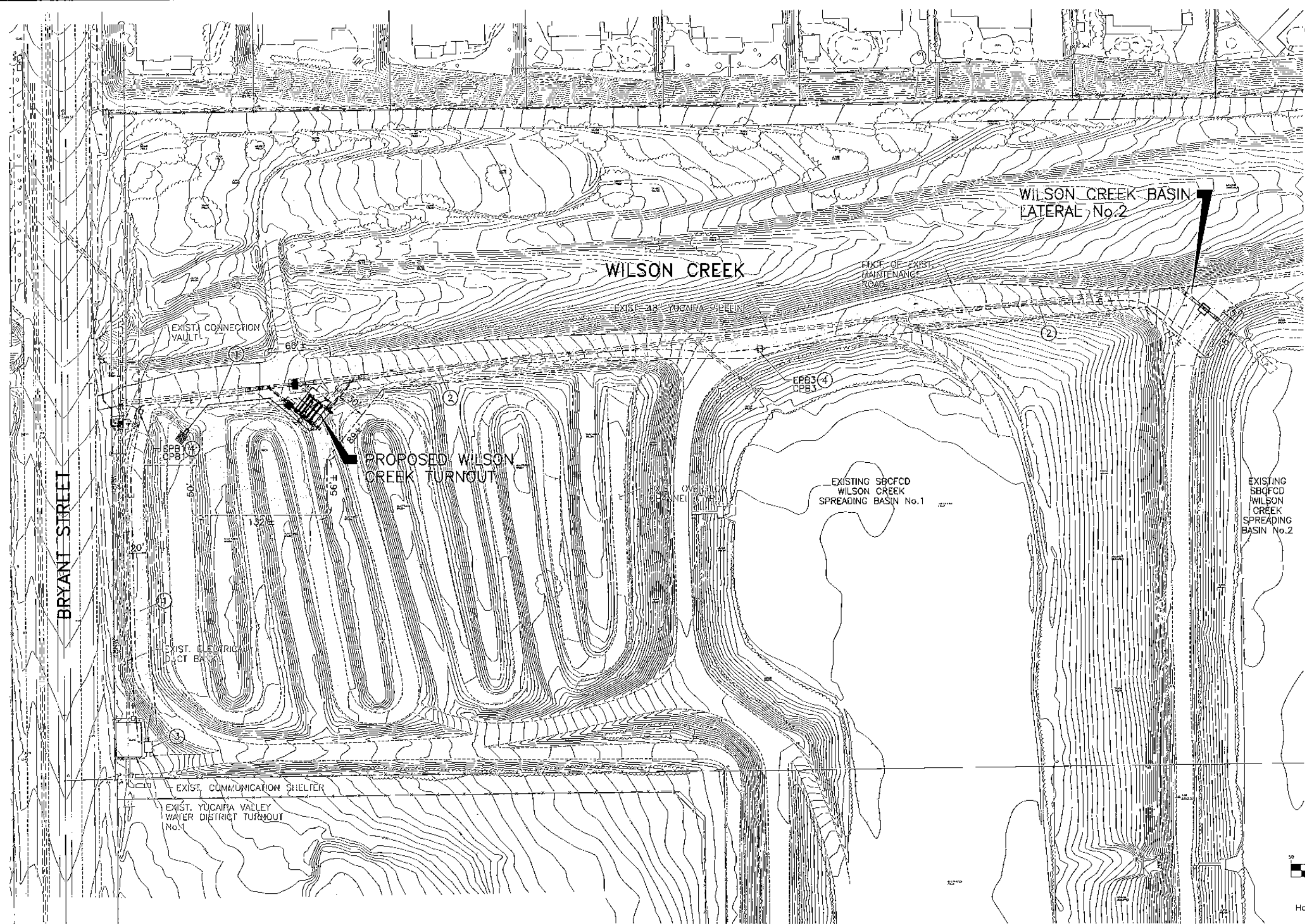
BECHTEL INCORPORATED
SAN FRANCISCO

SAN BERNARDINO VALLEY
MUNICIPAL WATER DISTRICT
WATER TRANSMISSION PROJECT

**WATERMAN CANYON-EAST TWIN CREEK
TURNOUT STRUCTURES
SECTIONS**

9/2/72	DATE	RM	DM	T.D.	CHK	ENGR	ENGR	ENGR	REV.
7843									
7843									
7843-C-264									
4									



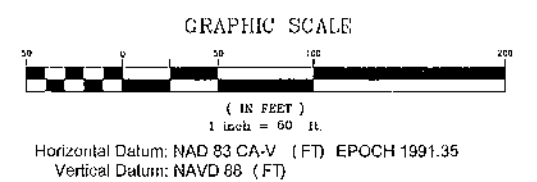


- ⑦ MATERIAL, EQUIPMENT, AND WORK DESCRIPTIONS FOR DRAWING C-1:
1. C101, C102, AND C103, PER SCHEDULE OF CONDUIT AND CONDUCTORS ON DRAWING E-2.
 2. C300 AND C301, PER SCHEDULE OF CONDUIT AND CONDUCTORS ON DRAWING E-2.
 3. CONNECT TO EXISTING YVWDT MCP AND YVWDT LP PER DRAWING E-2.
 4. EPB# AND CPB# PER PULL BOX SCHEDULE ON DRAWING E-1.

- LEGEND
- CONSTRUCTION AND MAINTENANCE WORK AREAS
 - CONSTRUCTION WORK AREA BOUNDARY

- NOTE:
1. CONTRACTOR SHALL MAINTAIN HIS WORK WITHIN CONSTRUCTION WORK AREA SHOWN HEREON.

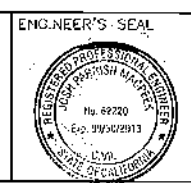
48 hours BEFORE excavation
1-800-227-2600
CALL Underground Service Alert



RECORD DRAWING STATEMENT

The revisions to these contract documents, reflecting the significant changes in the work made during construction, are based on data furnished by the contractor, as-built field survey and observations from the District field inspector. The Project Engineer shall not be held responsible for the accuracy, errors and/or omissions and completeness of the information incorporated into these record drawings. Those relying on those record drawings are advised to obtain independent verification of its accuracy.

CONSTRUCTION PLANS PREPARED BY:
KRIFGER & STEWART INCORPORATED
3502 University Ave. • Riverside, CA 92501 • 951-684-8900



CONSTRUCTION PLANS PREPARED BY:
Col. J. Macleod 10-11-12
APPROVED BY:
Samuel H. Linder 3-2012
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

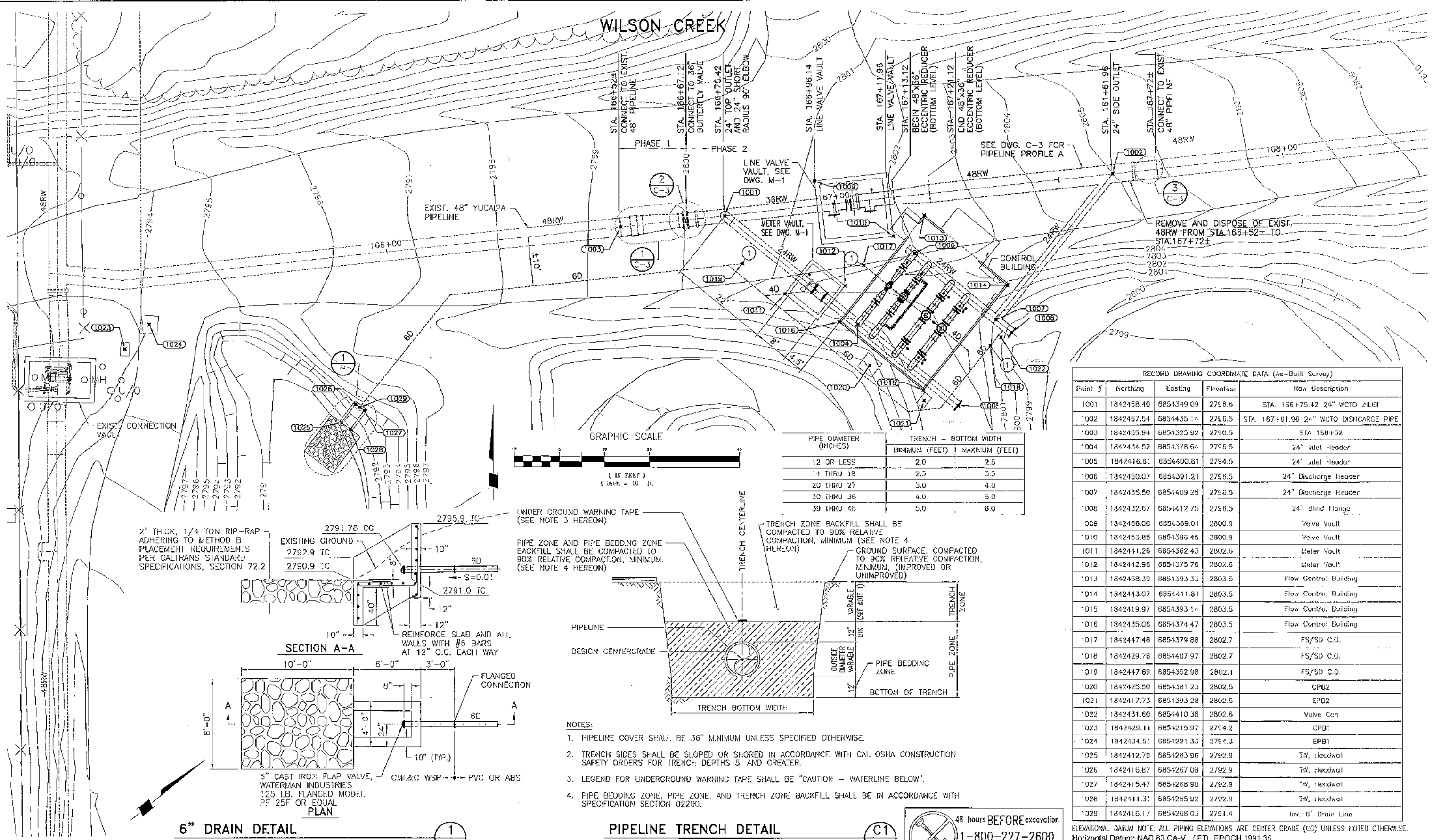
ME	10.01.12	RECORD DRAWING REVISIONS PREPARED BY SBVMWD
DATE		REVISIONS:



ISSUED FOR: RECORD DRAWINGS		DRAWING NO. C-1
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT		
WILSON CREEK TURNOUT		
SPECIFICATION NO. 11-03		
OVERALL SITE PLAN		
DATE: 10.01.12	DESIGN/DRAWING: JPM/MRN	SCALE: 1" = 50'
REVIEWER: PMW	JOB NO.: 1720	SHEET 5 OF 24 FILE NO.

UR020111 Project File: 720 Wilson Creek Turnout/Record Drawings/007-4c-1RD.dwg, \$F\$202012 11:10:00 AM, mke

VR06111_P0101720 Wilson Creek TurnoutRecord Drawings967-4c-3RD.dwg, 9/30/2012 11:56:21 AM, mikes



RECORD DRAWING STATEMENT

The revisions to these contract documents, reflecting the significant changes in the work made during construction, are based on data furnished by the contractor, as-built field survey and observations from the District field inspector. The Project Engineer shall not be held responsible for the accuracy, errors and/or omissions and completeness of the information incorporated into these record drawings. Those relying on these record drawings are advised to obtain independent verification of its accuracy.

CONSTRUCTION PLANS PREPARED BY:

KRILGER STEWART INCORPORATED

2802 University Ave. • Riverside, CA 92501 • 951-684-6900

ENGINEER'S SEAL

John P. Malet

10-11-12

APPROVED BY:

San Bernardino Valley Municipal Water District

CONSTRUCTION PLANS PREPARED BY:

RECORD DRAWING REVISIONS PREPARED BY SBVWD

NO.	DATE	REVISION
1	10.01.12	RECORD DRAWING REVISIONS PREPARED BY SBVWD

SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

WILSON CREEK TURNOUT

SPECIFICATION NO. 11-03

SITE PIPING PLAN

DATE: 10.01.12

DESIGN/DRAWN: JPM/MRN

REVIEWED: PMW

JOB NO: 1720

SCALE: 1" = 10'

SHEET: 6 OF 24

FILE NO:

ORIGINAL SIZE: 22"x34"