

APPENDIX 2.8 –

MANHOLE STORM DRAIN AS-BUILTS

FOR:

2ND Street and Atlantic Ave.

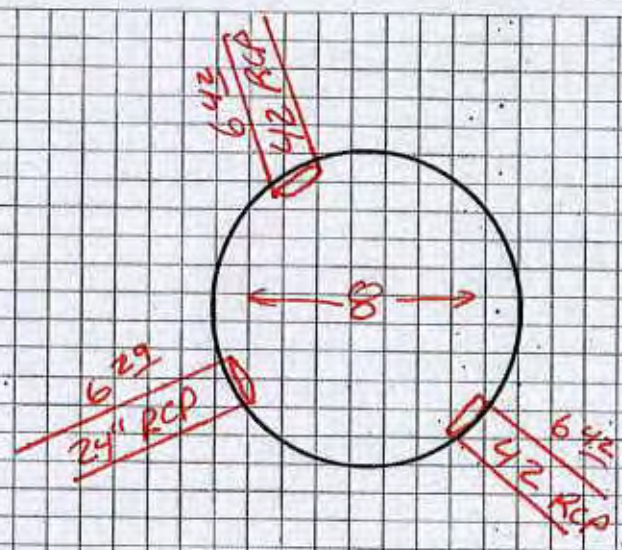
Manhole # 13338 9A07

Location 2ND & ATLANTIC

Date 5-17-11

Notes S.W. Intersection

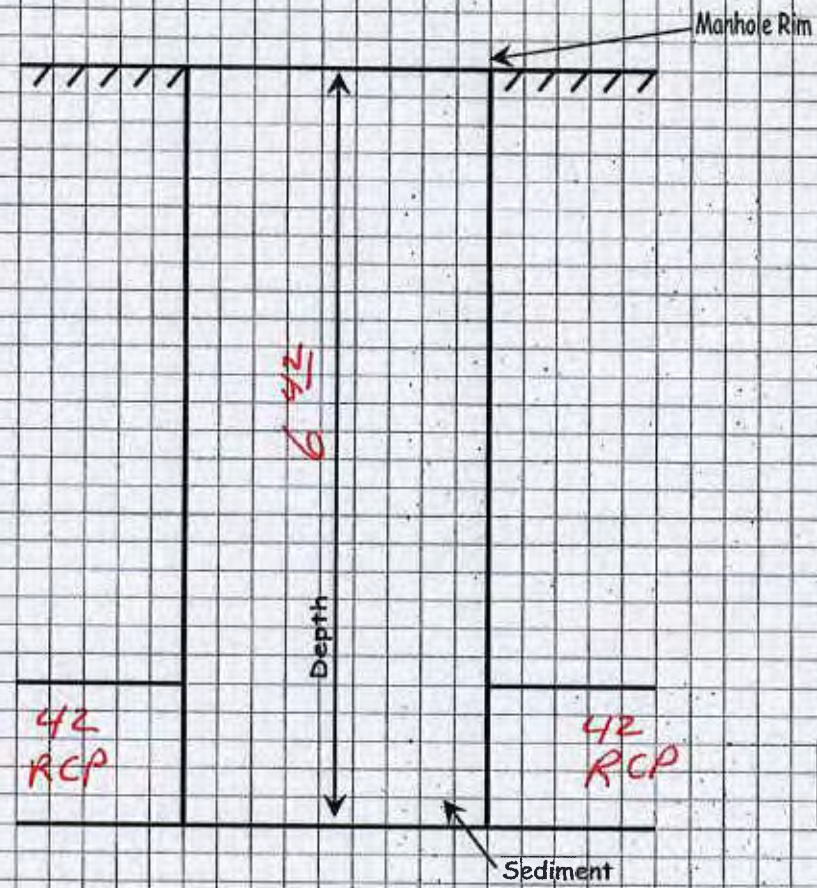
COA MH #9407



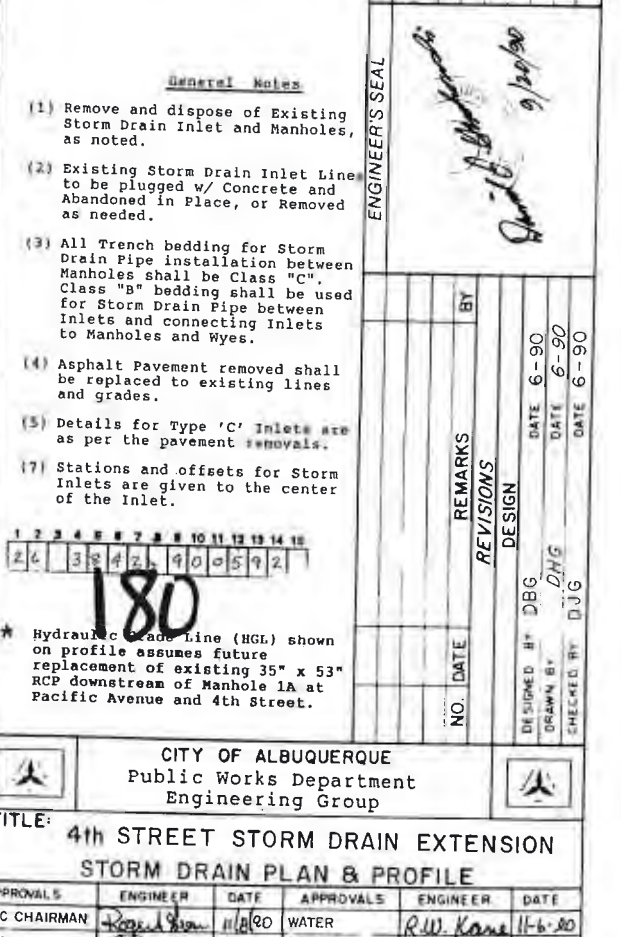
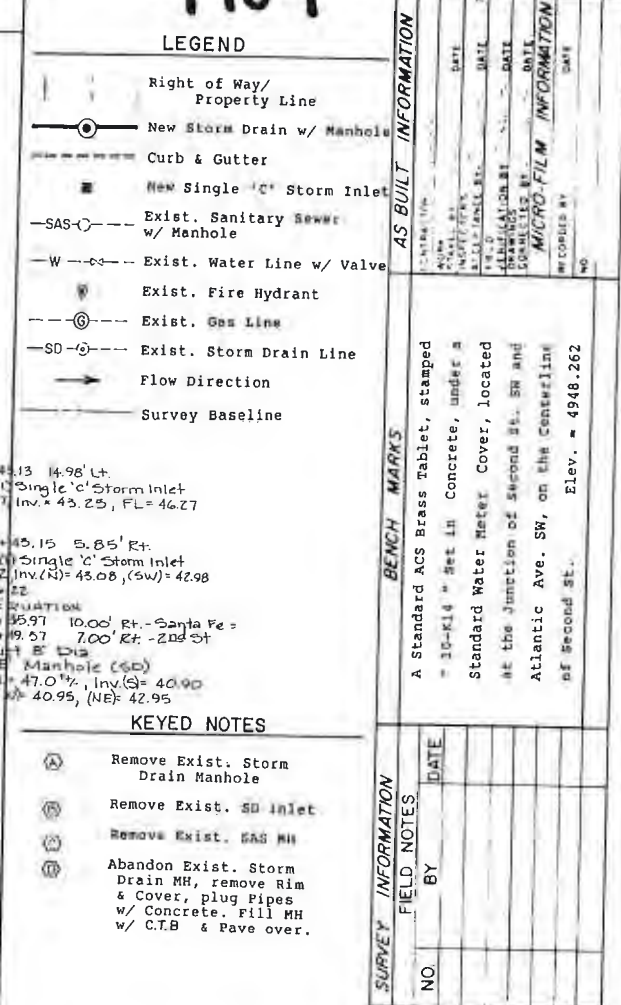
COA 9407 N↑
RIM 4950.82
MH INV 4944.40

SWM 90-393'
INV 4944.40

1 of 2



179



Manhole # 15 Location 2nd ST + Santa Fe Ave Date 3-19-10

Notes E. Inter Section

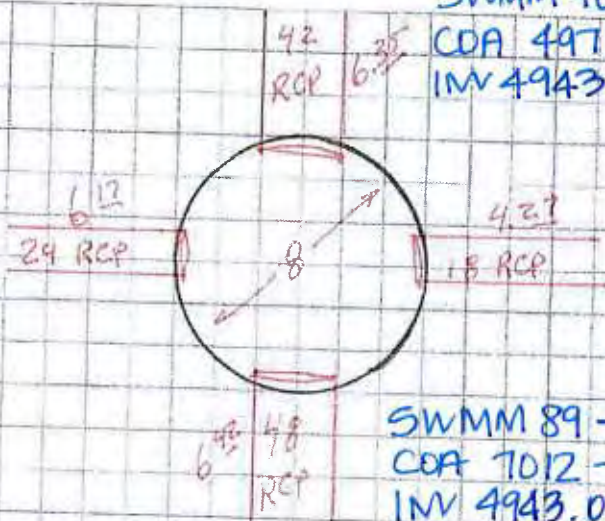
COA MH # 9426

SWMM 90-393'

COA 4971-394'

INV 4943.07

COA 9426
RIM 4949.42
MH INV 4943.03

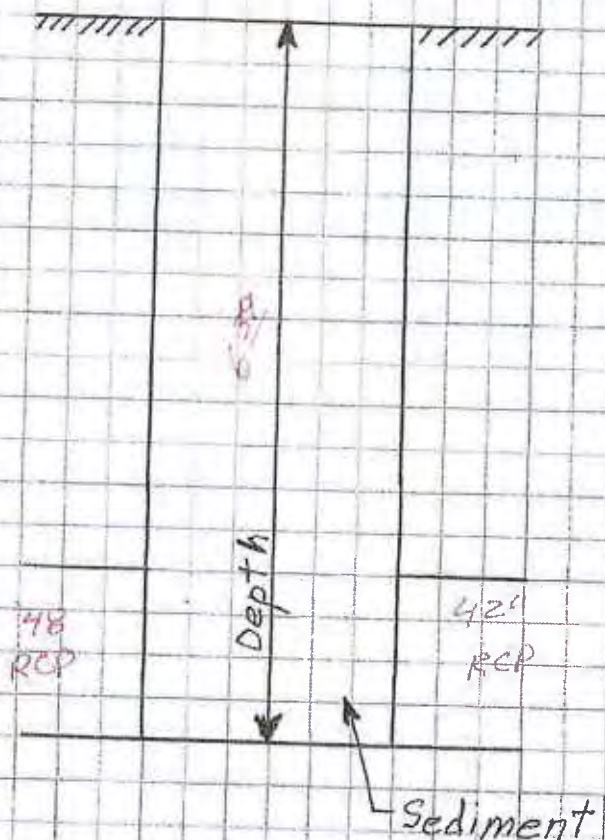


SWMM 89-356'

COA 7012-354'

INV 4943.03

1 of 2



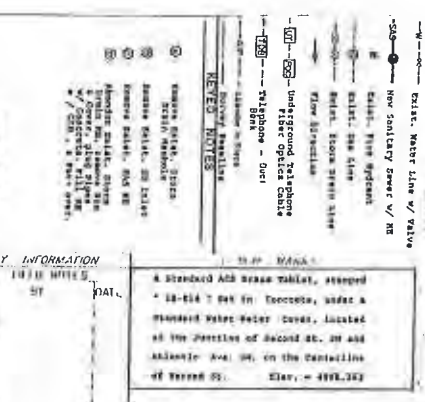
181

[illegible]

9426

9426

~~3 of 3 Pacific~~



182

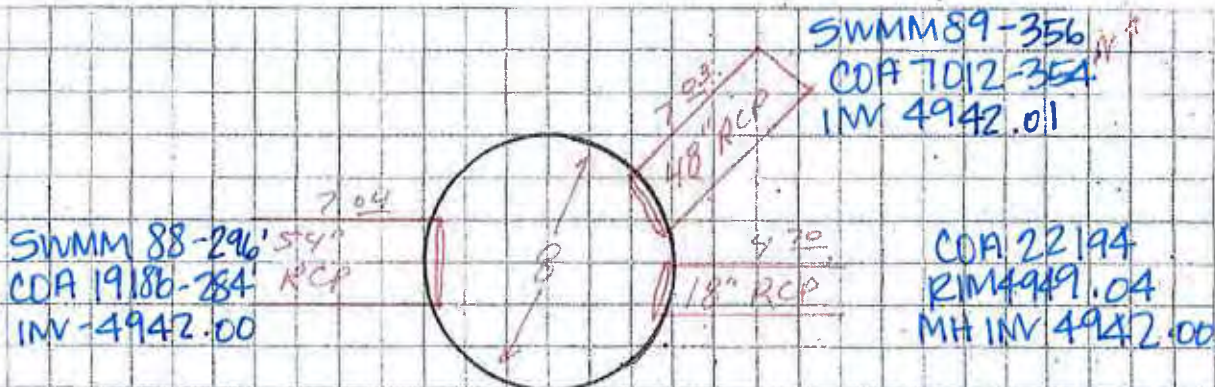


20/2

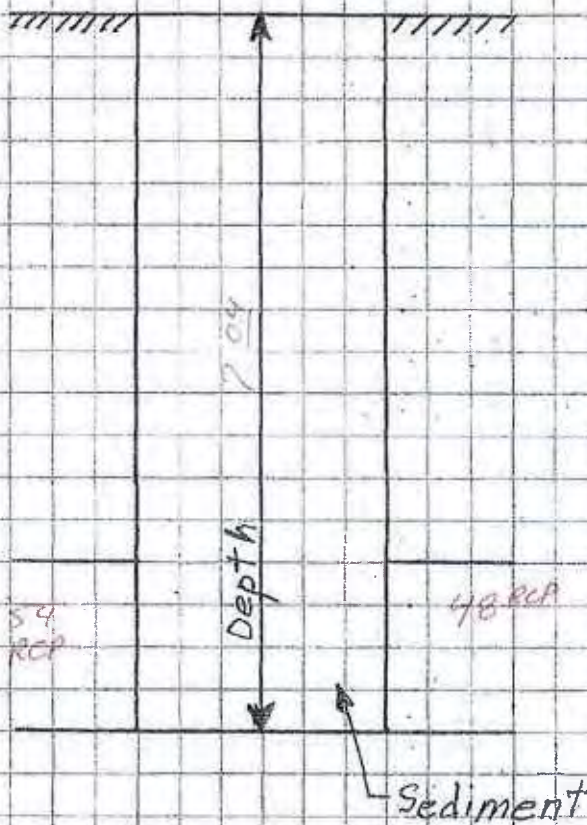
Manhole # 14 Location Pacific Ave + 2nd Date 8-19-10

Notes S.W. Intersection

COA MH # 22194



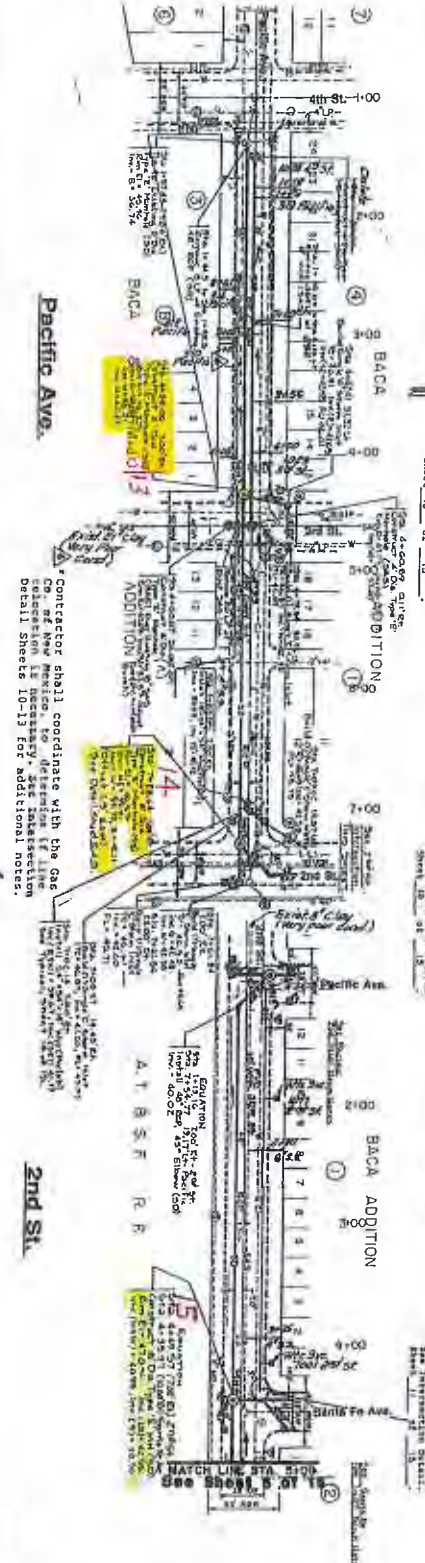
1 of 2



183

22194

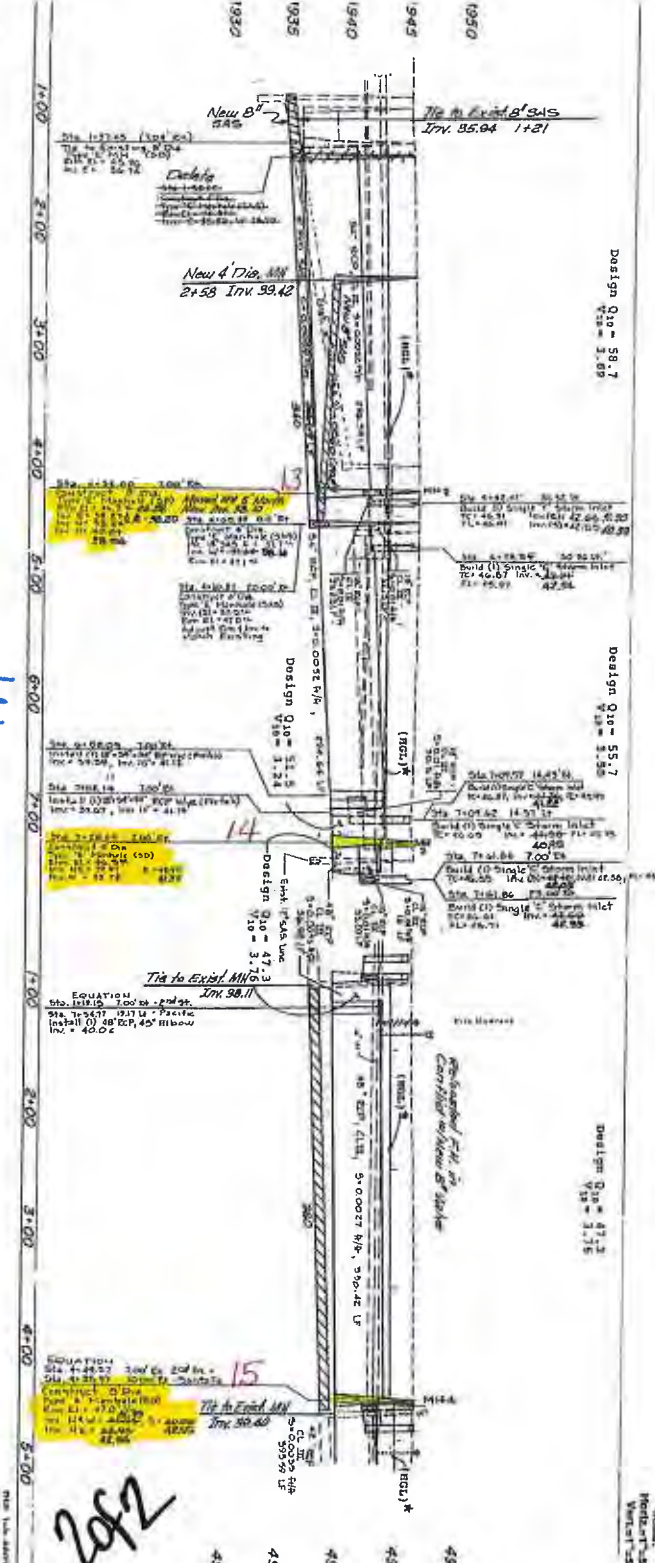
TESTING	PERCENT	TOP OF CURVE	PERCENT
44.31	5.44	5.71	41.00
44.28	5.44	5.71	40.97
44.25	5.44	5.71	40.94
44.22	5.44	5.71	40.91
44.19	5.44	5.71	40.88
44.16	5.44	5.71	40.85
44.13	5.44	5.71	40.82
44.10	5.44	5.71	40.79
44.07	5.44	5.71	40.76
44.04	5.44	5.71	40.73
44.01	5.44	5.71	40.70
43.98	5.44	5.71	40.67
43.95	5.44	5.71	40.64
43.92	5.44	5.71	40.61
43.89	5.44	5.71	40.58
43.86	5.44	5.71	40.55
43.83	5.44	5.71	40.52
43.80	5.44	5.71	40.49
43.77	5.44	5.71	40.46
43.74	5.44	5.71	40.43
43.71	5.44	5.71	40.40
43.68	5.44	5.71	40.37
43.65	5.44	5.71	40.34
43.62	5.44	5.71	40.31
43.59	5.44	5.71	40.28
43.56	5.44	5.71	40.25
43.53	5.44	5.71	40.22
43.50	5.44	5.71	40.19
43.47	5.44	5.71	40.16
43.44	5.44	5.71	40.13
43.41	5.44	5.71	40.10
43.38	5.44	5.71	40.07
43.35	5.44	5.71	40.04
43.32	5.44	5.71	40.01
43.29	5.44	5.71	39.98
43.26	5.44	5.71	39.95
43.23	5.44	5.71	39.92
43.20	5.44	5.71	39.89
43.17	5.44	5.71	39.86
43.14	5.44	5.71	39.83
43.11	5.44	5.71	39.80
43.08	5.44	5.71	39.77
43.05	5.44	5.71	39.74
43.02	5.44	5.71	39.71
42.99	5.44	5.71	39.68
42.96	5.44	5.71	39.65
42.93	5.44	5.71	39.62
42.90	5.44	5.71	39.59
42.87	5.44	5.71	39.56
42.84	5.44	5.71	39.53
42.81	5.44	5.71	39.50
42.78	5.44	5.71	39.47
42.75	5.44	5.71	39.44
42.72	5.44	5.71	39.41
42.69	5.44	5.71	39.38
42.66	5.44	5.71	39.35
42.63	5.44	5.71	39.32
42.60	5.44	5.71	39.29
42.57	5.44	5.71	39.26
42.54	5.44	5.71	39.23
42.51	5.44	5.71	39.20
42.48	5.44	5.71	39.17
42.45	5.44	5.71	39.14
42.42	5.44	5.71	39.11
42.39	5.44	5.71	39.08
42.36	5.44	5.71	39.05
42.33	5.44	5.71	39.02
42.30	5.44	5.71	38.99
42.27	5.44	5.71	38.96
42.24	5.44	5.71	38.93
42.21	5.44	5.71	38.90
42.18	5.44	5.71	38.87
42.15	5.44	5.71	38.84
42.12	5.44	5.71	38.81
42.09	5.44	5.71	38.78
42.06	5.44	5.71	38.75
42.03	5.44	5.71	38.72
42.00	5.44	5.71	38.69
41.97	5.44	5.71	38.66
41.94	5.44	5.71	38.63
41.91	5.44	5.71	38.60
41.88	5.44	5.71	38.57
41.85	5.44</		



Facing 8/12

Detail Sheets 10-13 for additional notes

2nd St



22/94

2012

- [illegible]



A standard 875 Series Exhibit, stamped "10-114" Set in. Contains, under a Standard Motor Motor Cover, located at the junction of Beach St. 24 and Atlantic Ave. W. on the Corporation of Grand St. New York City.

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Public Works Department
Engineering Group
4th STREET STORM DRAIN EXTENSION
STORM DRAIN PLAN & PROFILE

Manhole # 13 Location Pacific + 380

Date 3-19-10

Notes S.W. Inter Section

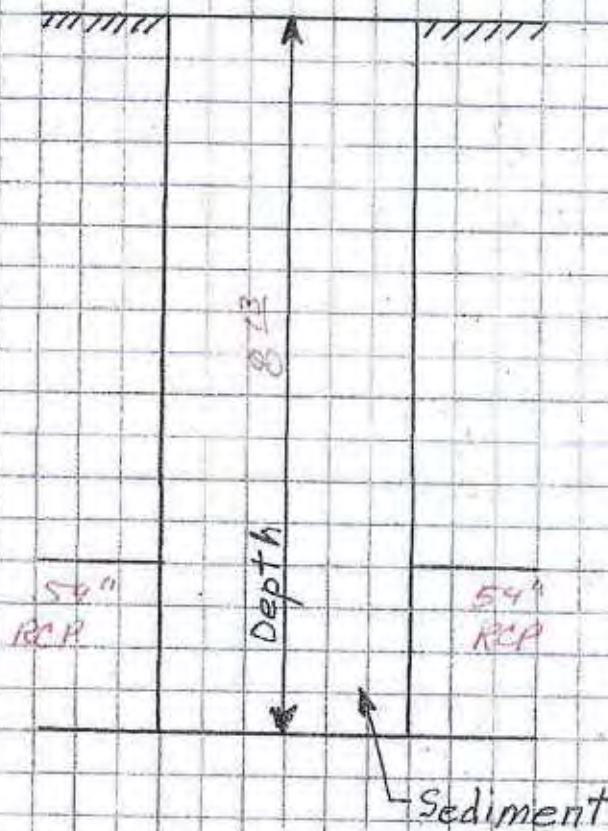
COA MH # 22191

SWMM 87
COA 19180-245'
INV 4940.79

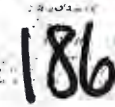
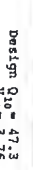
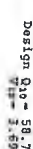
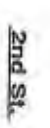
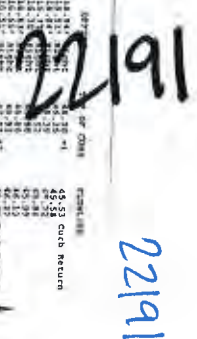
SWMM 88-296
COA 19186-284'
INV 4940.79

COA 22191
RIM 4948.92
MH INV 4940.79

1 of 2



185

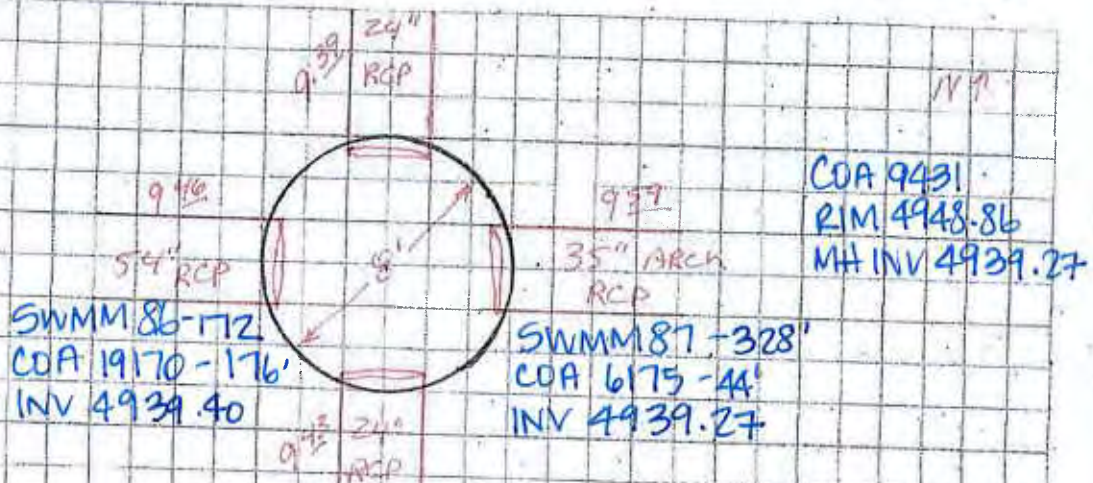


Manhole # 11 Location Pacific + 4th

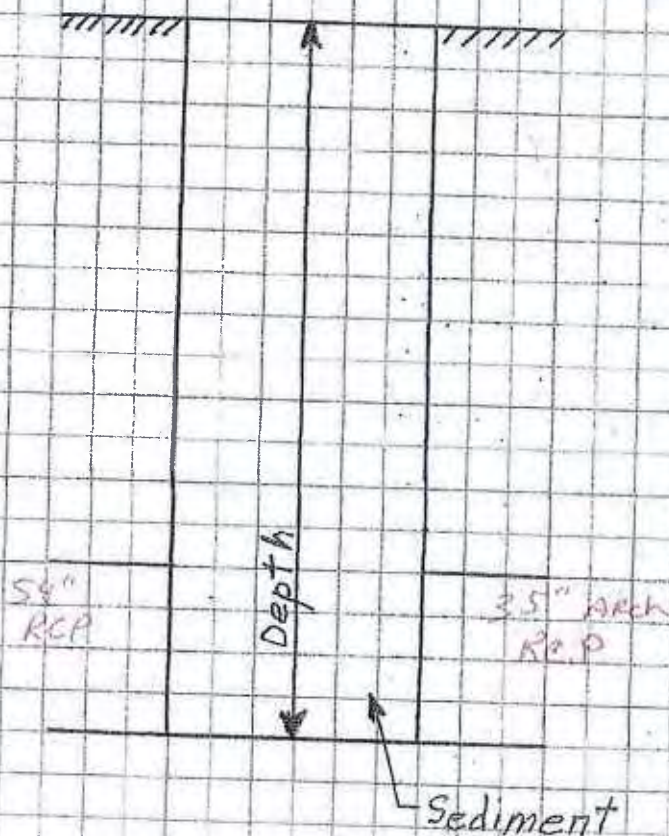
Date 3-19-10

Notes S.G. Inter Section

COA MH # 9431



1 of 2

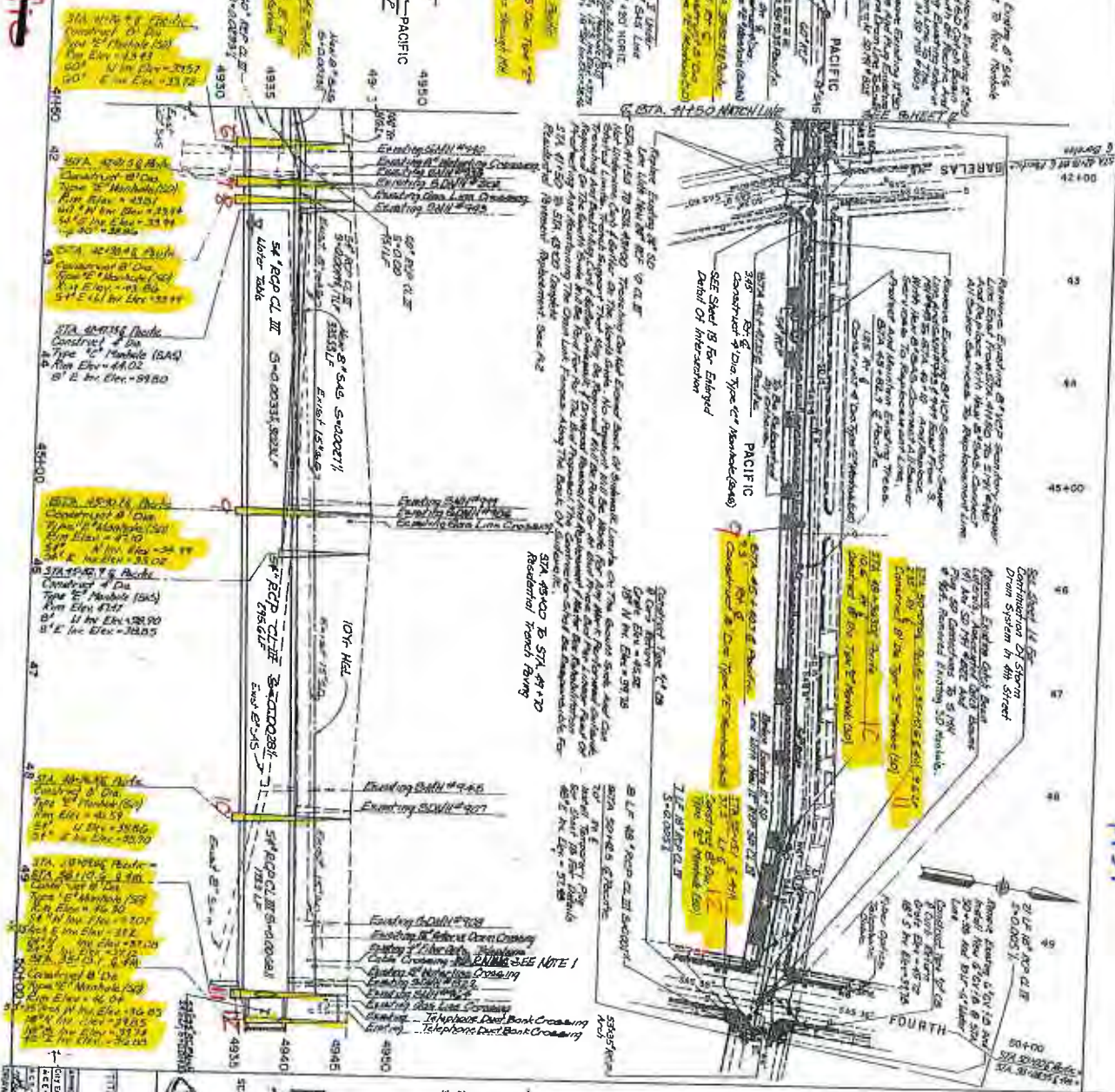


187

2 of 3 Pacific

SCALE 1" = 20' HORIZ

9431



9431

188

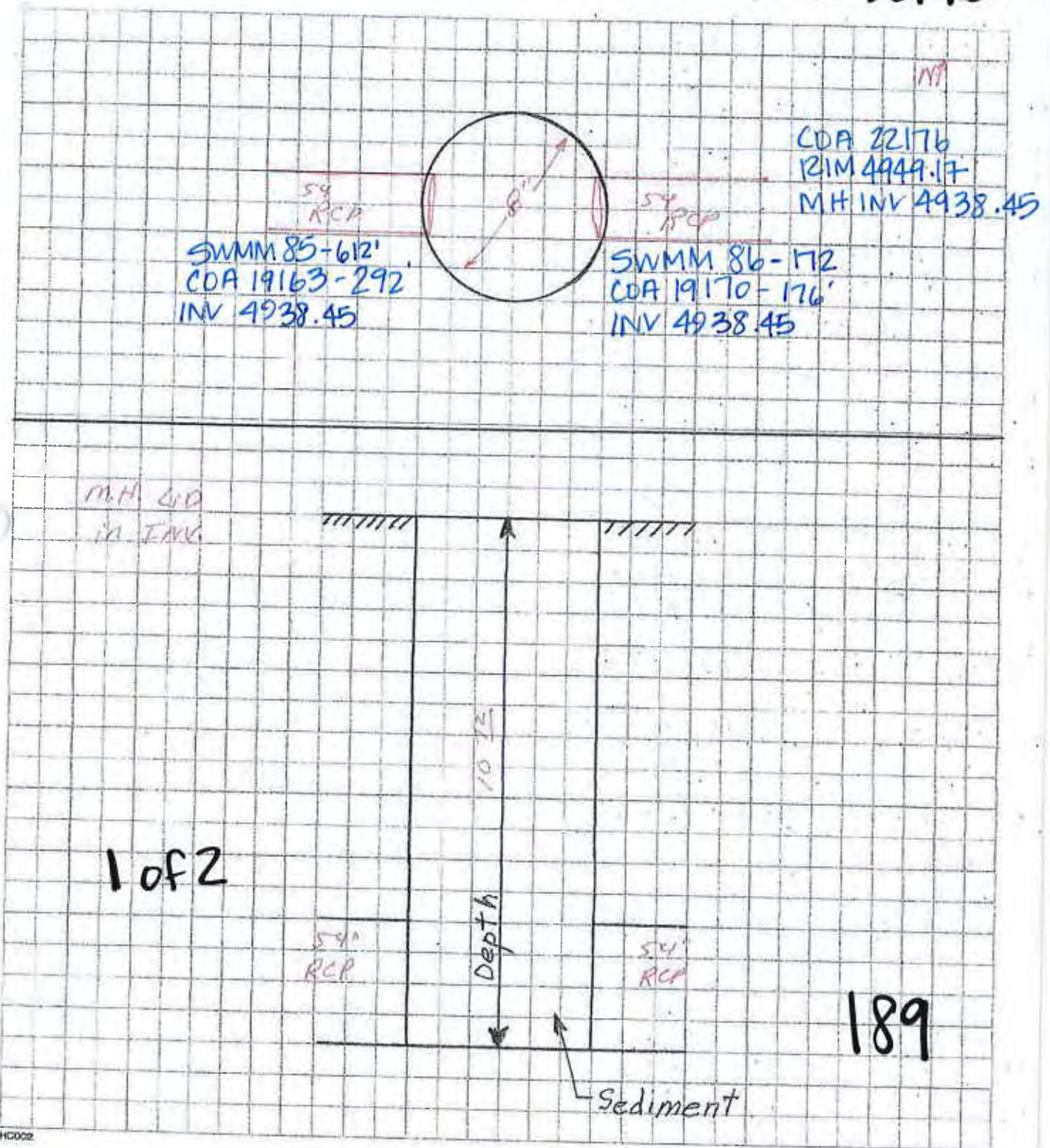
RECORD PRINT 2 of 2 Pacific Avenue 10-5-97		NOTES: 1. SEE GENERAL NOTE NO. 17 AND SECTION 18 OF THE INTERIM SPECIFICATIONS, H&M DIG WITHIN 2 FEET OF CABLE LOCATION. 2. FOR PAVING DETAILS, SEE SHEET 9. 3. FOR CONNECTING STORM DRAIN TO FOURTH ST, SEE SHEET 14.	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT PROJECT: ST. REHABILITATION PACIFIC AVENUE TO STORM DRAINAGE STATION 41550 TO 41550		ENGINEER'S SEAL [Seal]	
DESIGNER'S SEAL [Seal]		CONTRACT INFORMATION NO. 1 DATE 7/1/97	
CONTRACT INFORMATION NO. 1 DATE 7/1/97		CONTRACT INFORMATION NO. 1 DATE 7/1/97	

Manhole # 10 Location Pacific Ave

Date 3-19-10

Notes Approx. 100' ± West of Intersection @ 4th & Pacific

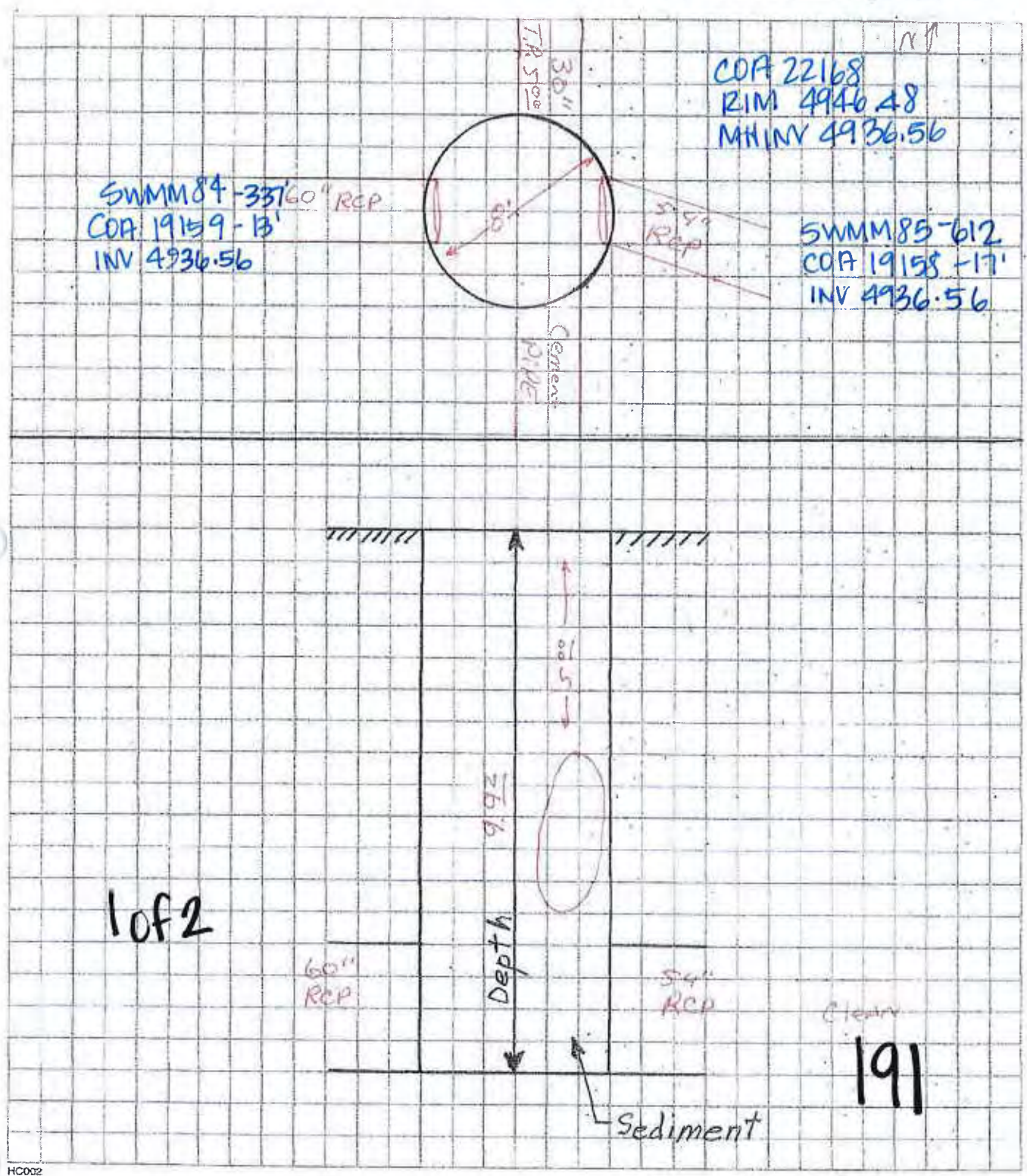
CDA MH # 22176

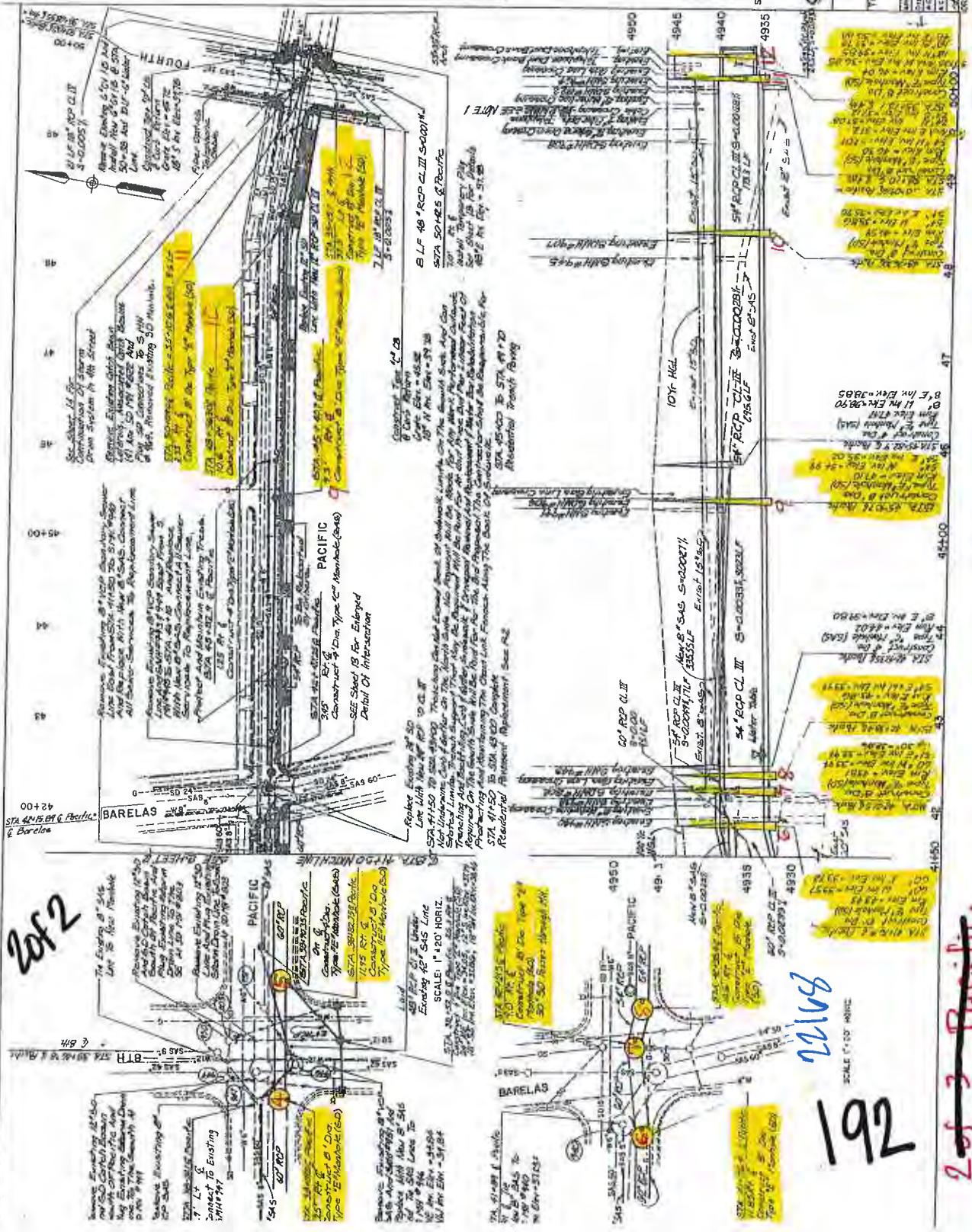


Manhole # 2 Location Pacific Ave + BAREDA Date 3-19-10

Notes South Center Inter Section

COA MH # 22168





NOTES: 1. SEE GENERAL NOTE NO. 17 AND SECTION 101.01 FOR STANDARD SPECIFICATIONS. 2. SEE SHEET 192 FOR PAVING DETAILS. 3. FOR CONNECTING STORM DRAINAGE TO FOURTH ST. SEE SHEET 191.		ENGINEER'S SEAL DATE: 7-21-06 PROJECT: PACIFIC AVENUE STORM DRAINAGE DATE: 7-21-06 PROJECT: PACIFIC AVENUE STORM DRAINAGE
RECORD PRINT DATE: 7-21-06 PROJECT: PACIFIC AVENUE STORM DRAINAGE DATE: 7-21-06 PROJECT: PACIFIC AVENUE STORM DRAINAGE		SCALE: 1" = 50' HORIZ. 1" = 5' VERT. DATE: 7-21-06 PROJECT: PACIFIC AVENUE STORM DRAINAGE DATE: 7-21-06 PROJECT: PACIFIC AVENUE STORM DRAINAGE
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT FOURTH ST. REHABILITATION PACIFIC AVENUE STORM DRAINAGE STATION 41+00 TO 50+42.5		DATE: 7-21-06 PROJECT: PACIFIC AVENUE STORM DRAINAGE DATE: 7-21-06 PROJECT: PACIFIC AVENUE STORM DRAINAGE

2 of 2

22168

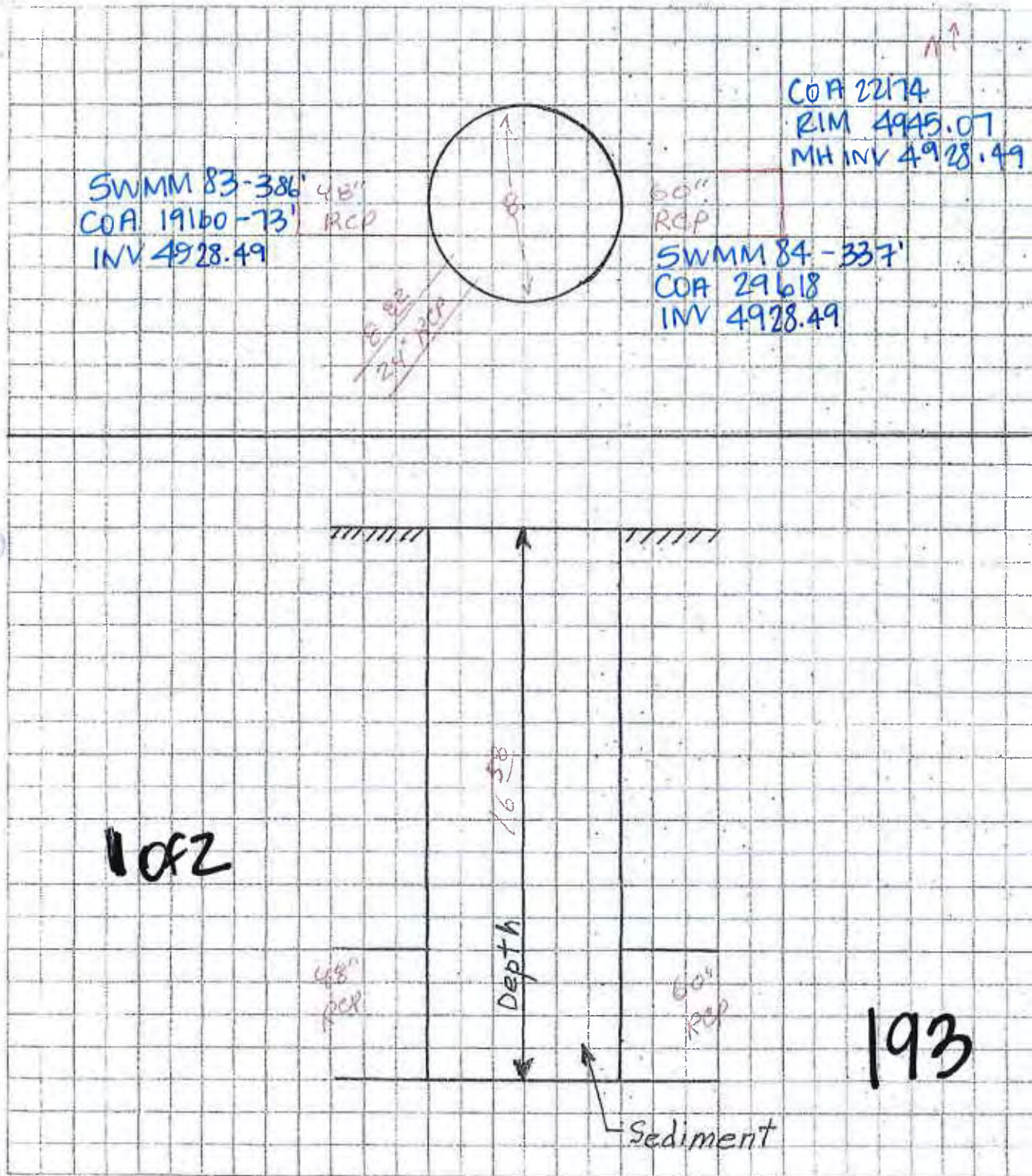
192

2 of 3 Pacific

Manhole # 193 Location Pacific Ave & 8th St Date 3-19-10

Notes S.E. Intersection

COA MH # 22174



Manhole # 3 Location Pacific Ave + 9th St. Date 3-19-10

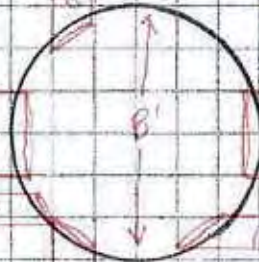
Notes S.W. Inter Section

COA MH #22155

SWMM82-510'
COA 19132-352
INV 4928.35

60" RCP

15" RCP
5'93"



SWMM83-386
COA 19131-319
INV 4928.35

60" RCP

COA 22155
RIM 4905.24
INV 4928.35

60" RCP
15" RCP

1 of 2

60" RCP

Depth

60" RCP

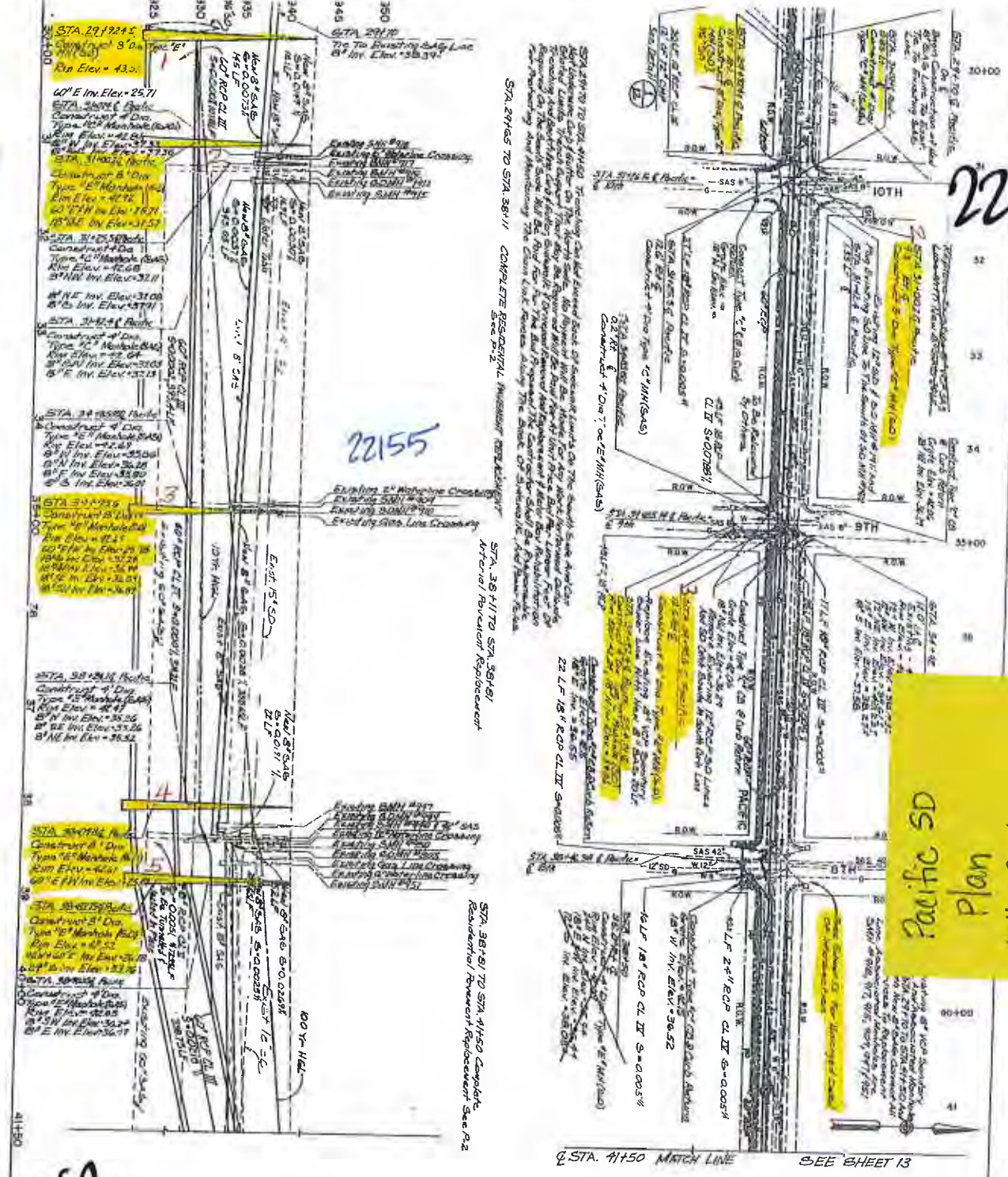
4" Silt
Water

Sediment

195

22155

Pacific SD
Plan
18th-2nd



22155

GENERAL NOTES		SURVEY INFORMATION		BRANCH NOTES		AS BUILT INFORMATION	
1. THESE PLANS AND SPECIFICATIONS ARE BASED UPON THE SURVEY DATA AND FIELD NOTES PROVIDED BY THE ENGINEER. THE ENGINEER IS NOT RESPONSIBLE FOR THE ACCURACY OF THE SURVEY DATA OR THE FIELD NOTES.		STATION 3+00 IS LOCATED AT THE INTERSECTION OF 3RD ST. AND LEAD AVE.		STATION 3+00 IS A STANDARD 100' STATION. THE INTERSECTION OF 3RD ST. AND LEAD AVE. IS LOCATED AT STATION 3+00.		STATION 3+00 IS A STANDARD 100' STATION. THE INTERSECTION OF 3RD ST. AND LEAD AVE. IS LOCATED AT STATION 3+00.	
2. THE ENGINEER IS NOT RESPONSIBLE FOR THE ACCURACY OF THE SURVEY DATA OR THE FIELD NOTES.		STATION 3+00 IS A STANDARD 100' STATION. THE INTERSECTION OF 3RD ST. AND LEAD AVE. IS LOCATED AT STATION 3+00.		STATION 3+00 IS A STANDARD 100' STATION. THE INTERSECTION OF 3RD ST. AND LEAD AVE. IS LOCATED AT STATION 3+00.		STATION 3+00 IS A STANDARD 100' STATION. THE INTERSECTION OF 3RD ST. AND LEAD AVE. IS LOCATED AT STATION 3+00.	
3. THE ENGINEER IS NOT RESPONSIBLE FOR THE ACCURACY OF THE SURVEY DATA OR THE FIELD NOTES.		STATION 3+00 IS A STANDARD 100' STATION. THE INTERSECTION OF 3RD ST. AND LEAD AVE. IS LOCATED AT STATION 3+00.		STATION 3+00 IS A STANDARD 100' STATION. THE INTERSECTION OF 3RD ST. AND LEAD AVE. IS LOCATED AT STATION 3+00.		STATION 3+00 IS A STANDARD 100' STATION. THE INTERSECTION OF 3RD ST. AND LEAD AVE. IS LOCATED AT STATION 3+00.	
4. THE ENGINEER IS NOT RESPONSIBLE FOR THE ACCURACY OF THE SURVEY DATA OR THE FIELD NOTES.		STATION 3+00 IS A STANDARD 100' STATION. THE INTERSECTION OF 3RD ST. AND LEAD AVE. IS LOCATED AT STATION 3+00.		STATION 3+00 IS A STANDARD 100' STATION. THE INTERSECTION OF 3RD ST. AND LEAD AVE. IS LOCATED AT STATION 3+00.		STATION 3+00 IS A STANDARD 100' STATION. THE INTERSECTION OF 3RD ST. AND LEAD AVE. IS LOCATED AT STATION 3+00.	

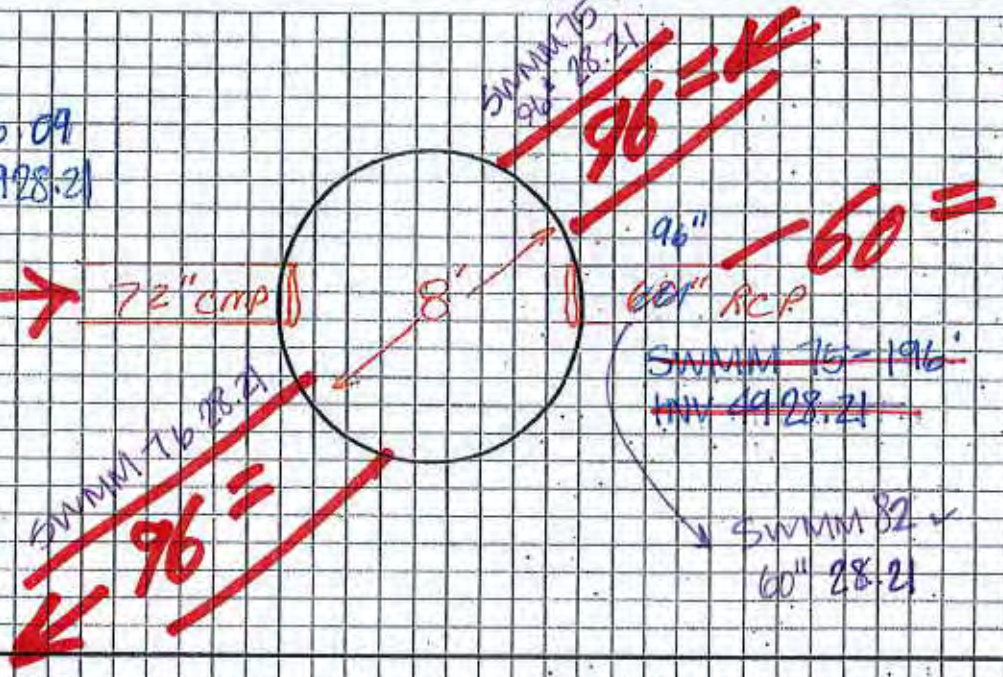
196

Notes _____

COA MH # 9141

COA 9141
RIM 4446.09
MH INV 4928.21

ERROR →



1 of 2

~~197~~

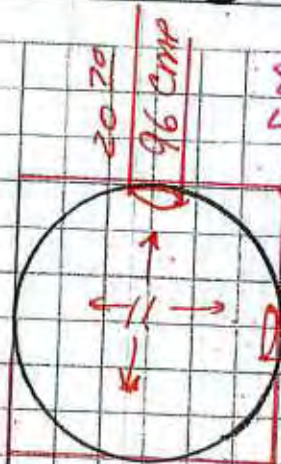
Manhole # ¹⁴⁰ 8 Location Riverside Drain

Date 5-24-10

Notes M.H. @ ± Sta: 19+95

COA MH #9143

TOLEK 56
MH # 9143
RIM 4947.98
MH INV
4927.28



8733 SWMM 76-210
4927.28 INV 4927.28 N
218

2030
96 cm

19124 SWMM 71-377
361' INV 4927.28
4927.28

1 of 1

96
cm
Tar coated

Depth

96 cm
Tar Coated

Sediment

198

11 ft 11 in approx ID

Manhole # 4 Location Riverside Drain

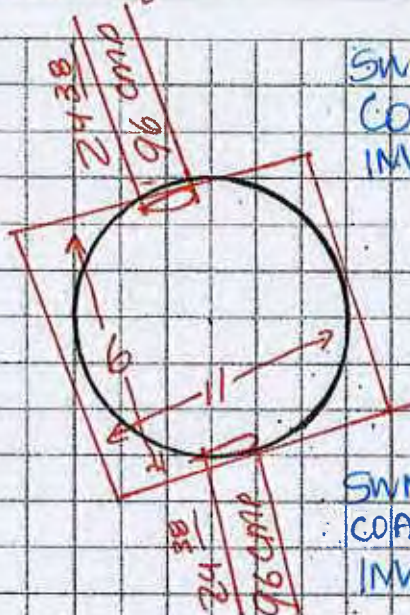
Date 5-29-10

Notes M.H. @ Sta: $\pm$ 15+59

COA MH# 22145

Water Shooting From Bottom of North West Pipe about 1-1/2' High
About $\pm$ 60' From M.H.

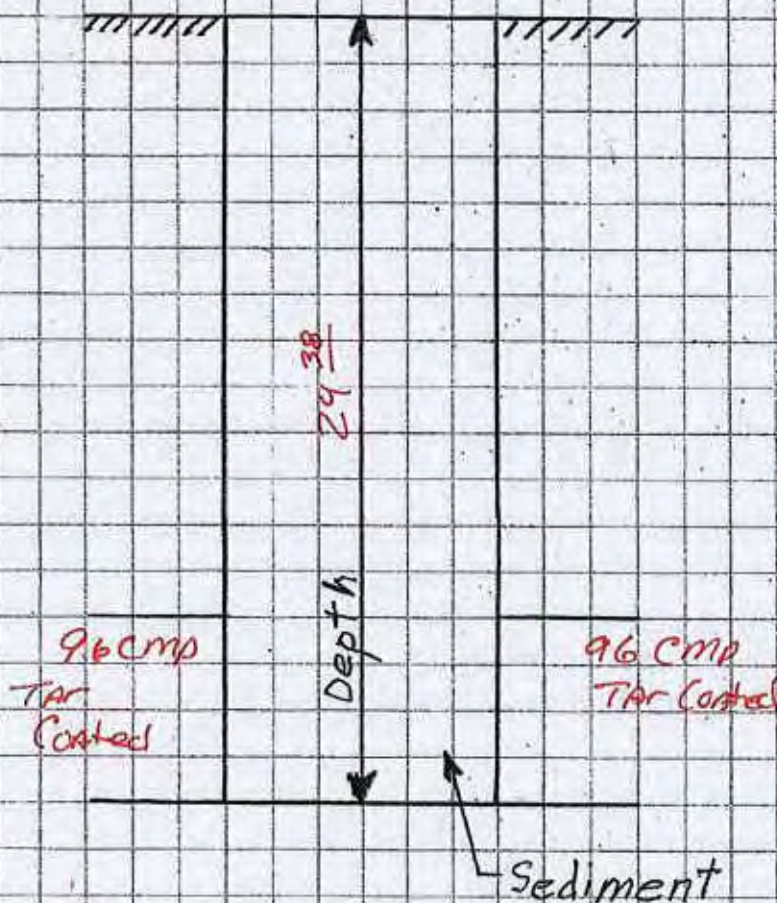
COA 22145
RIM 4950.23
MH 4925.85



SWMM 71-377'
COA 19124-361'
INV 4925.85

SWMM 78-370'
COA 19125-301
INV 4925.85

1 of 2



199

22145

Work shown on this sheet
is in LOT 2.



Ashtu

ready

96" R.C.P.

Junction Box No. 2
SFA 15-59.88
 $\Delta = 07^{\circ} 47' 10''$

History Code

0	8	6	1	6	3	7	4		9	1							5	7	1	3	2
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For All
For All

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6-0000	Class: 100
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59000000

0.0028

200

22145

~~El Baido 3 of 10~~

PADELAS PUMP STATION AND METROPOLITAN STORM SEWER SYSTEM SHEET 37 OF 58

Manhole # 3. Location Riverside DRAIN Date 5-24-10

Notes M.H. @ STA: $\pm$ 12+04. North of Marquez Ln.

Concrete w/ Ring + Cover are in M.H. **COA MH # 22144**

COA 22144
RIM 4947.24
INV 4924.79

SWMM 78-370
COA 19123-106
INV 4924.79



SWMM 79-202
COA 30335-84
INV 4924.79

0.75
water in M.H.

1 of 2

96 cmp
Tar
Coated

22 SF

Depth

96 cmp
Tar Coated

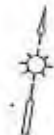
201

Sediment

2082

Work shown on this sheet

22/44



2000

Result

Junction Box No. 1
STA. 12+04.82
Δ = 30° 02' 47"

Build 6'DIA. Type C Manhole
STA. 10+00

96" R.C.P.-

1997

08	616	326	1	21	57138
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SCALE
0 100' Northward
0 100' Westward

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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11-22-20

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Class	Class ID
100	100
200	200
300	300
400	400
500	500
600	600
700	700
800	800
900	900

95-828

10000 Direction Box No. 1
Out for Etc. 4922.15
In for Etc. 4922.30

20	Type C Marble	100.00
21	Type C Marble	100.00

22144

202

2 of 16

Manhole # 2 Location Riverside Drain Date 5-24-10

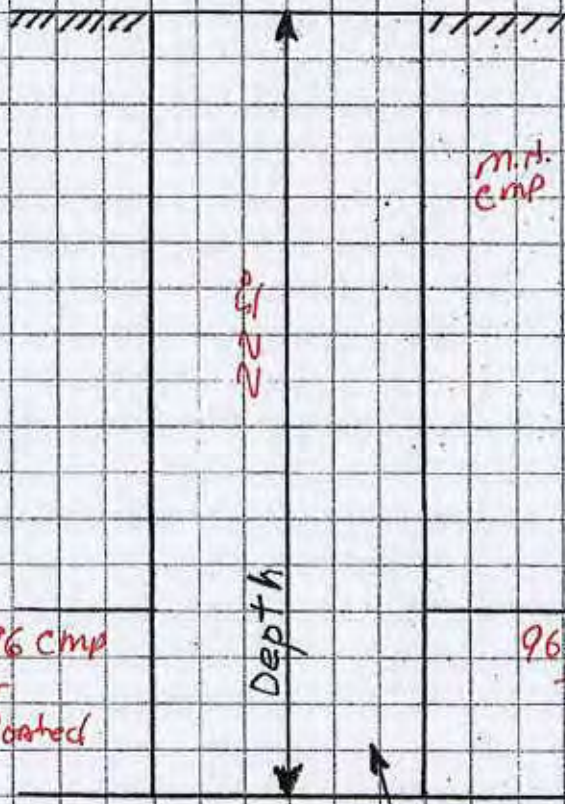
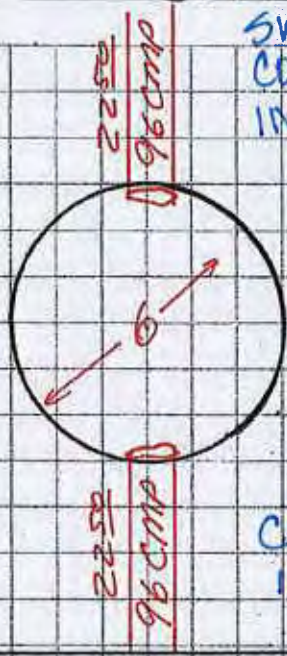
Notes M.H. @ Sta: ± 10+00 South of Marques Cr.

COA MH # 22143

SWMM 79-202
COA 30343-107
INV 4923.99

COA 22143
RIM 4946.49
INV 4923.99

SWMM 80-301
COA 19122-267
INV 4923.99



1 of 2

203

2 of 2

Work shown on this sheet
is in LOT 2

22143

Route

Route

Junction Box No. 1
STA 12+04.82
D = 18" C2" LT

Build 6" DIA. Type C Manhole
STA 10+00

96" R.C.P.

Water Edge

STATION

STATION
14+00 Horizontal
14+00 Vertical

145

140

135

130

125

120

115

Existing ground

96" R.C.P. 21954 II

5" CLOSURE

96" R.C.P. Class IV

204

2

104" Junction Box No. 1
In Inv Elev 132.30
Out Inv Elev 132.15

5" CLOSURE

22143

Scale: 1" = 10' Horizontal
1" = 10' Vertical

BARELAS PUMP STATION AND METROPOLITAN STORM SEWER SYSTEM

SHEET 36 OF 56

2 of 2

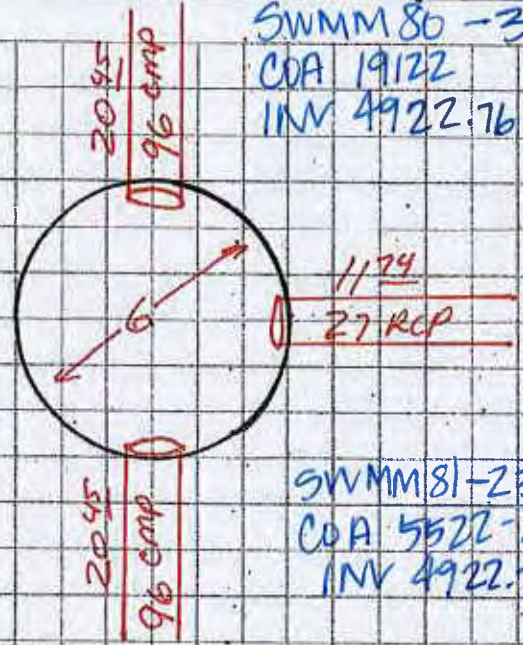
Manhole # 1 Location Riverside Drain Date 5-29-10

Notes M.H. North of Pump Station @ Sta: $\pm$ 6+99

COA MH # 10456

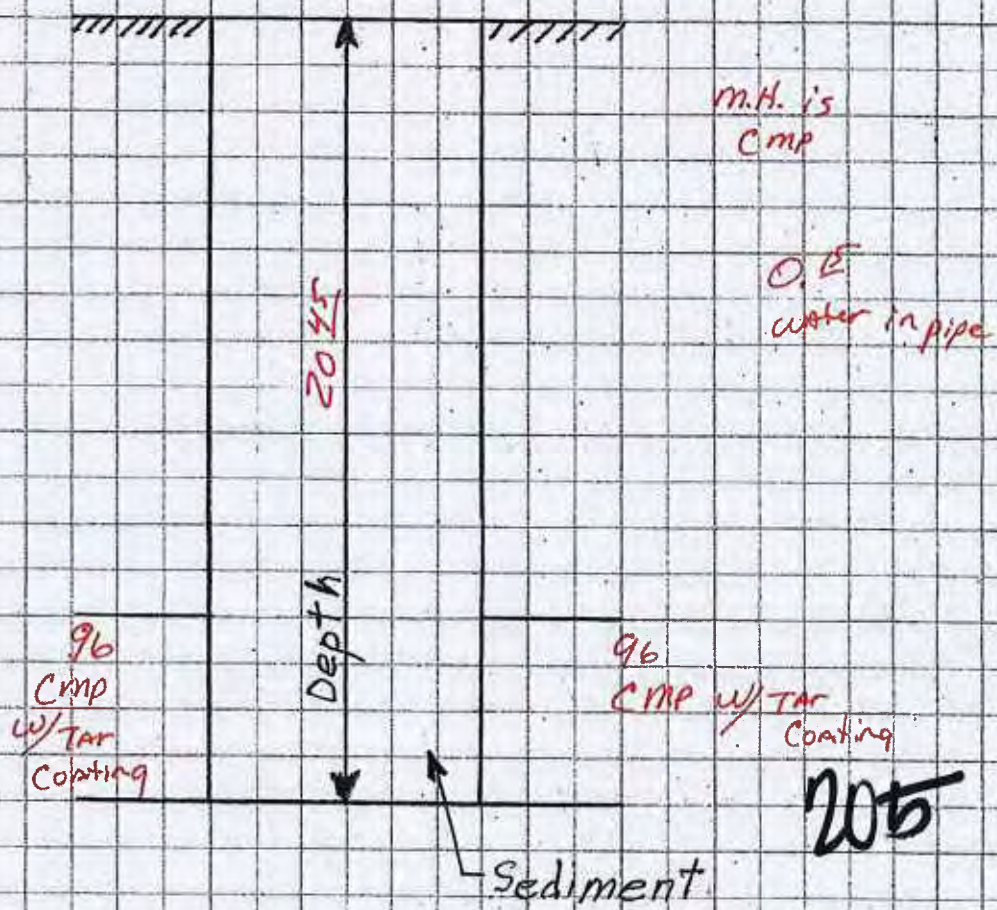
COA 10456
RIM 4943.21
INV 4922.76

SWMM 80-301
COA 19122
INV 4922.76



SWMM 81-231
COA 5522-231
INV 4922.76

1 of 2



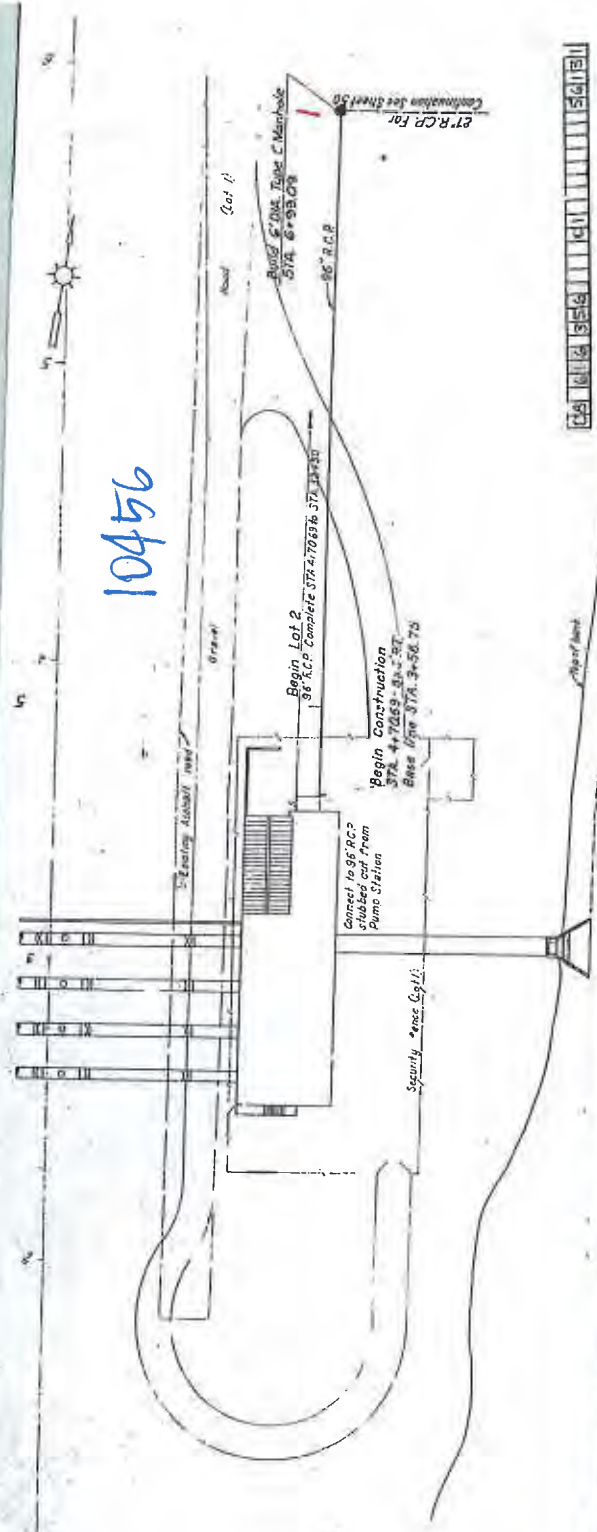
10456

20f2

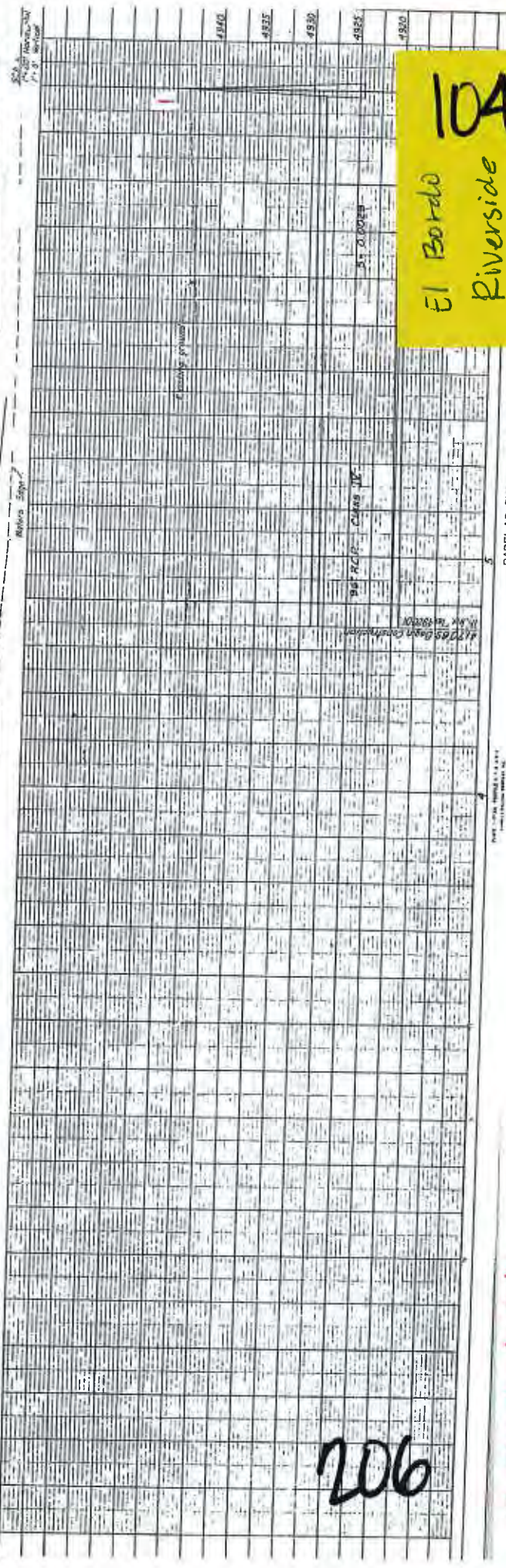
206

~~El Bordo 1 of 16~~

10456
El Bordo
Riverside
Plan
(6)



06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100



RADEI AS DIMED STATION AND METERS



PROJECT

COR MIDVALET

SHEET NO.

OF

SUBJECT

INLET AT BARELAS Pump Station

PROJECT NO.

110112

BY

DATE

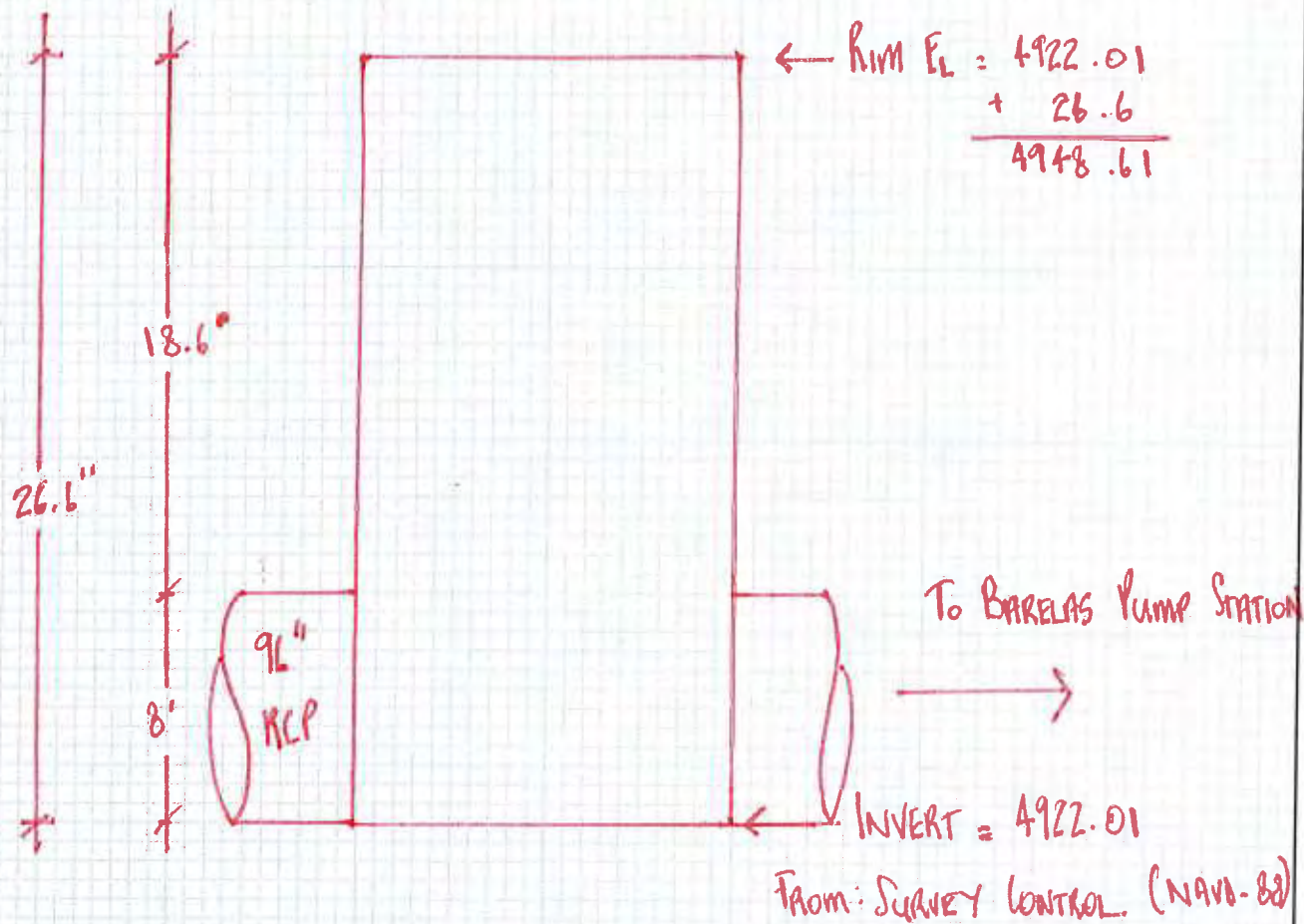
8/29/11

CHECKED BY

DATE

/ /

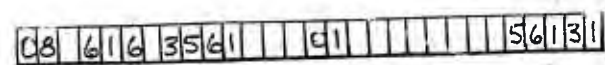
MAN-HOLE Ba PSINLET



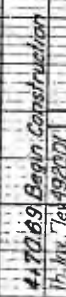
Smith Engineering Company

2201 San Pedro NE Bldg. #4, Suite 200 Albuquerque, New Mexico 87110 505/884-0700 Fax 505/884-2376

10457



1501



207

19909 Type C M.H.	1990975
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