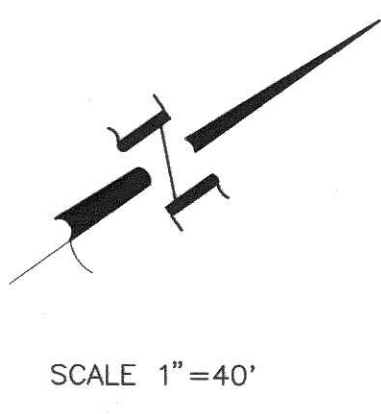


LATS "A-31" & "A-32"

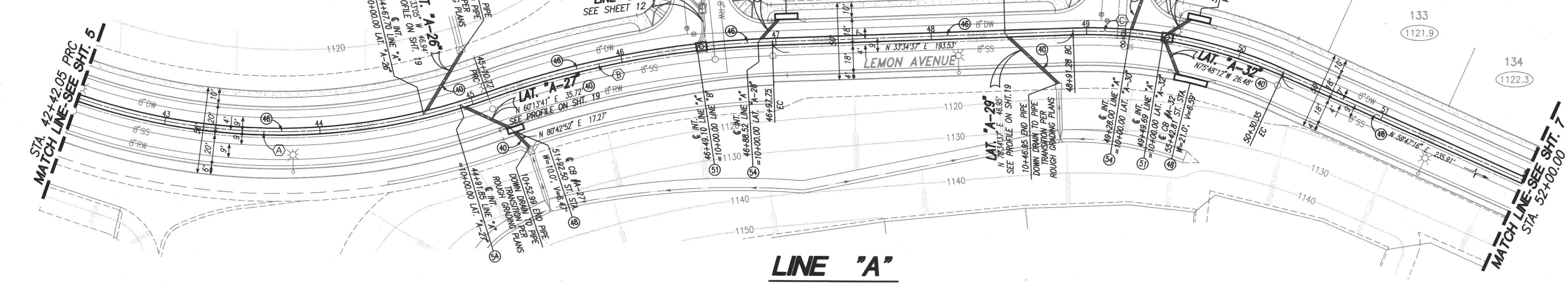
PROFILE SCALE
 HORIZ.: 1" = 40'
 VERT.: 1" = 8'

CONSTRUCTION NOTES

- ④ CONSTRUCT 18" RCP STORM DRAIN (D-LOAD PER PLAN)
- ⑥ CONSTRUCT 54" RCP STORM DRAIN (D-LOAD PER PLAN)
- ⑧ CONSTRUCT CATCH BASIN PER APWA STD. PLAN 300-2 (W PER PLAN)
- ⑩ CONSTRUCT M.H. PIPE TO PIPE (MAIN LINE 33" OR SMALLER) PER APWA STD. PLAN 321-1
- ⑪ CONSTRUCT M.H. PIPE TO PIPE (MAIN LINE 36" OR LARGER) PER APWA STD. PLAN 320-1
- ⑫ CONSTRUCT M.H. PIPE TO PIPE (LARGER INLET) PER APWA STD. PLAN 322-1
- ⑬ CONSTRUCT TRANSITION STRUCTURE PER APWA STD. PLAN 340-1
- ⑭ CONSTRUCT JUNCTION STRUCTURE - PIPE TO PIPE PER APWA STD. PLAN 332-1 (INLET > 24" OR ID > 1/2 MAIN LINE ID)



SCALE 1"=40'



CURVE TABLE

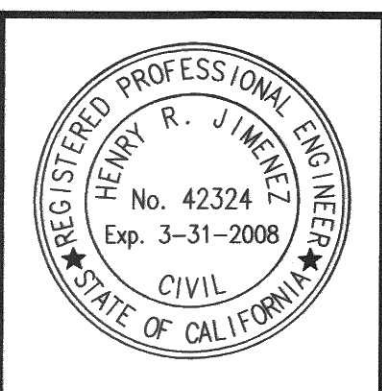
Δ	R	L	T
38°52'47"	396'	268.72'	139.76'
17°44'13"	604'	186.98'	94.24'
26°12'39"	304'	139.07'	70.77'

DIG ALERT
 CALL BEFORE YOU DIG
 SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIGALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIGALERT I.D. NUMBER CALL UNDERGROUND SERVICE ALERT TOLL FREE TWO WORKING DAYS BEFORE YOU DIG.
 1-800-422-4133
 CAUTION: REMEMBER THAT THE USA CENTER NOTIFIES ONLY THOSE UTILITIES BELONGING TO THE CENTER. THERE COULD BE OTHER UTILITIES PRESENT AT THE WORK SITE. THE CENTER WILL INFORM YOU OF WHOM THEY WILL NOTIFY.

BENCHMARK
 BENCHMARK NO. = CG 3733
 ELEVATION = 519.40 FT
 ROAD DEPARTMENT TAG IN WESTERLY CURB 5 FEET SOUTH OF BCR, 78 FEET NORTH AND 42 FEET WEST OF CENTERLINE INTERSECTION OF VALLEY BOULEVARD AND LEMON AVENUE.

Δ	DATE	DESCRIPTION	APP'D	DATE

CITY OF WALNUT
 APPROVED BY: *David Gilbertson*
 DAVID GILBERTSON
 CITY ENGINEER - RCE 46624



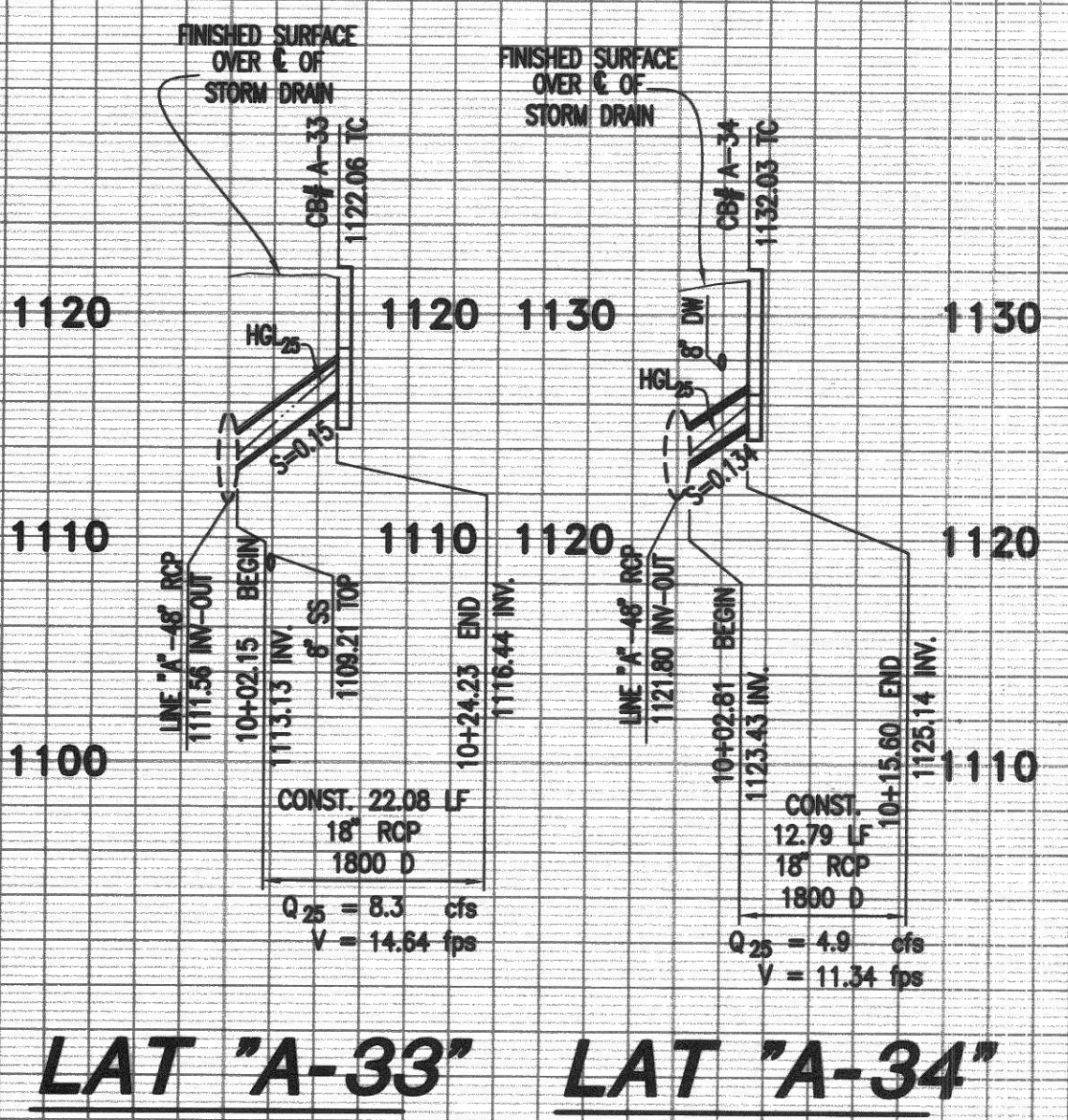
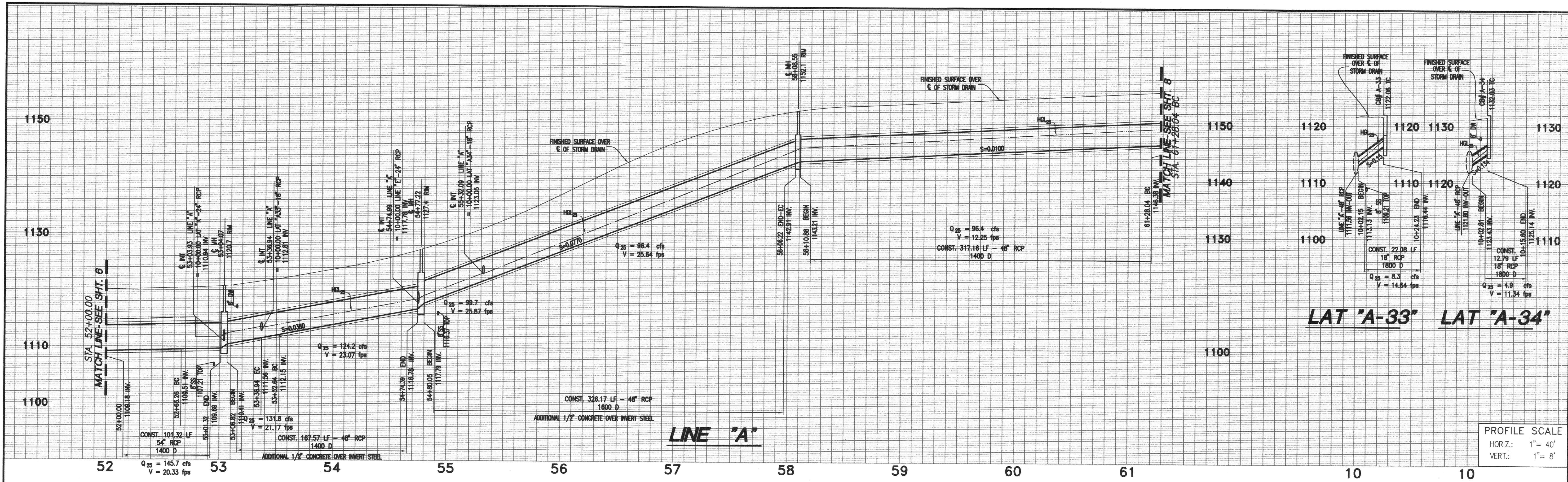
PREPARED BY:
MDS CONSULTING
 HENRY R. JIMENEZ
 R.C.E. 42324
 DATE: 10-24-06

AS-BUILT
 11/26/12

STORM DRAIN PLANS
 TRACT No. 50867
LINE "A"
 STA. 42+42.05 TO STA. 52+00.00
 CITY OF WALNUT

SHEET
6
 OF
24
 SHEETS

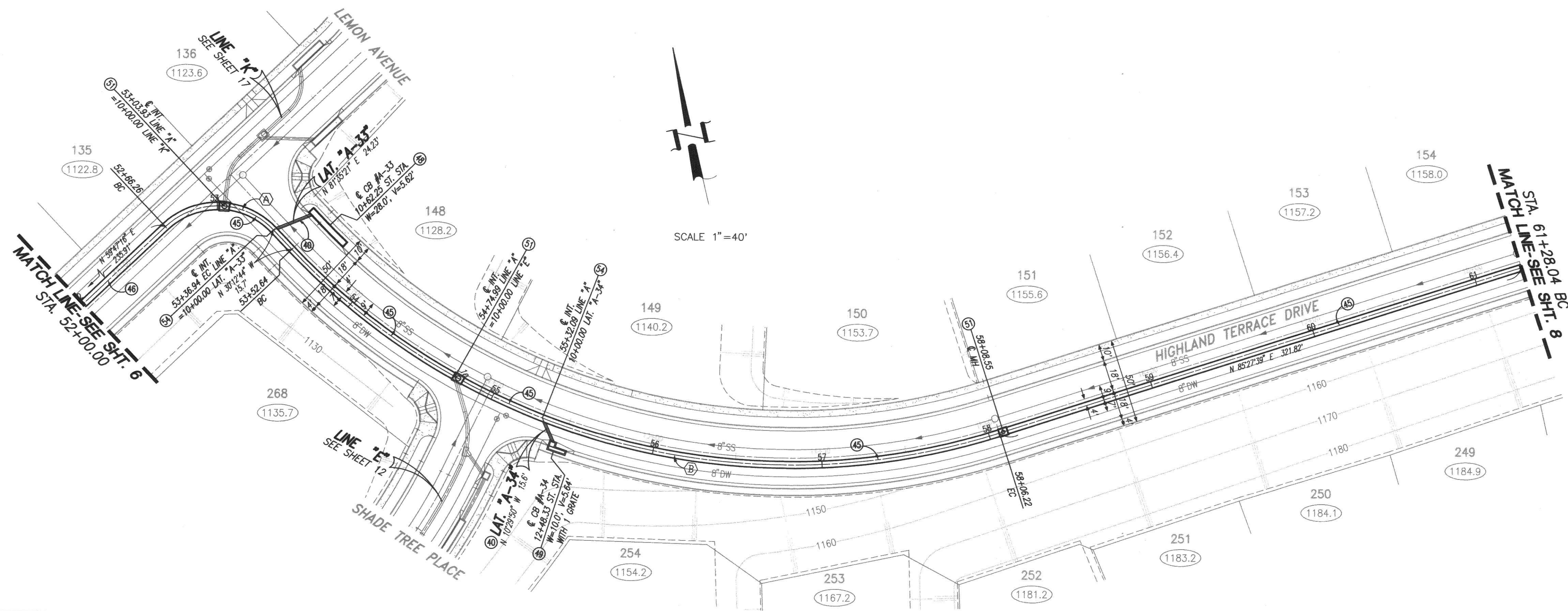
187 F



PROFILE SCALE
 HORIZ.: 1" = 40'
 VERT.: 1" = 8'

CONSTRUCTION NOTES

- ④ CONSTRUCT 18" RCP STORM DRAIN (D-LOAD PER PLAN)
- ⑤ CONSTRUCT 48" RCP STORM DRAIN (D-LOAD PER PLAN)
- ⑥ CONSTRUCT 54" RCP STORM DRAIN (D-LOAD PER PLAN)
- ⑦ CONSTRUCT CATCH BASIN PER APWA STD. PLAN 300-2 (W PER PLAN)
- ⑧ CONSTRUCT CATCH BASIN PER APWA STD. PLAN 301-2 (W PER PLAN)
- ⑨ CONSTRUCT M.H. PIPE TO PIPE (MAIN LINE 36" OR LARGER) PER APWA STD. PLAN 320-1
- ⑩ CONSTRUCT JUNCTION STRUCTURE - PIPE TO PIPE PER APWA STD. PLAN 332-1 (INLET > 24" OR ID > 1/2 MAIN LINE ID)



CURVE TABLE

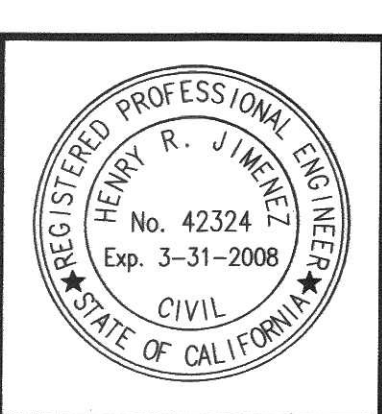
Δ	R	L	T
90° 00' 00"	45'	70.69'	45'
64° 19' 37"	404'	453.58'	254.05'

DIG ALERT
 SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIGALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIGALERT I.D. NUMBER CALL UNDERGROUND SERVICE ALERT TOLL FREE TWO WORKING DAYS BEFORE YOU DIG.
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BENCHMARK
 BENCHMARK NO. = CG 3733
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 ROAD DEPARTMENT TAG IN WESTERLY CURB 5 FEET SOUTH OF BCR, 78 FEET NORTH AND 42 FEET WEST OF CENTERLINE INTERSECTION OF VALLEY BOULEVARD AND LEMON AVENUE.

Δ	DATE	DESCRIPTION	APP'D	DATE
		REVISIONS		

CITY OF WALNUT
 APPROVED BY: *David Gilbertson* 10/26/12
 DAVID GILBERTSON
 CITY ENGINEER - RCE 46624

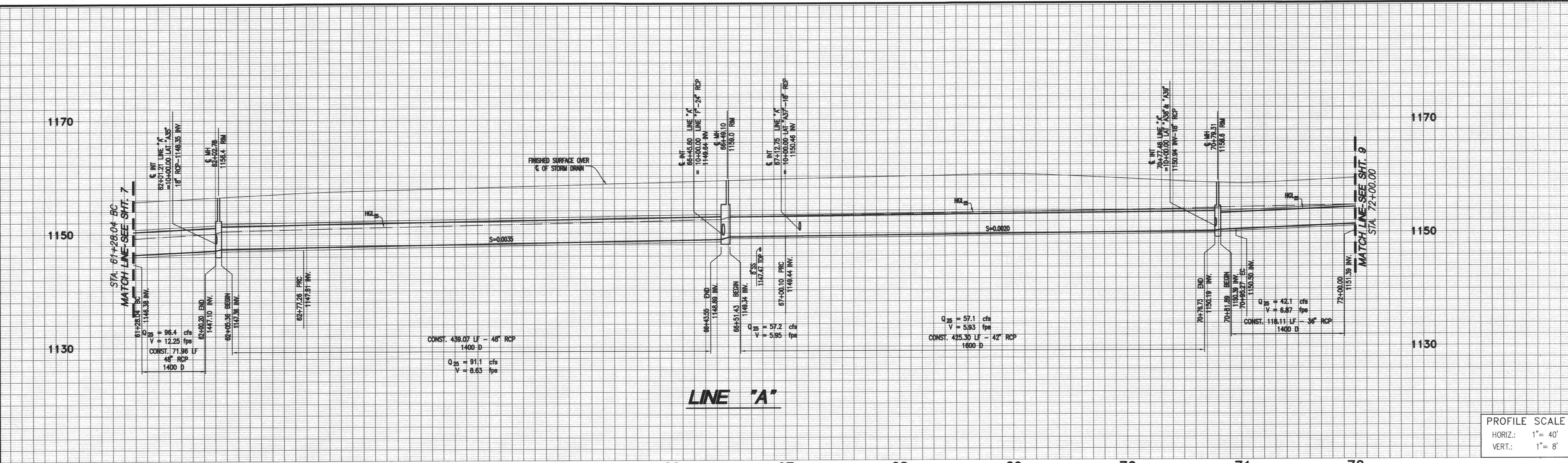


PREPARED BY:
MDS CONSULTING
 HENRY R. JIMENEZ
 R.C.E. 42324
 DATE: 10-19-06

AS-BUILT
 11/26/12

STORM DRAIN PLANS
 TRACT No. 50867
LINE "A"
 STA. 52+00.00 TO STA. 61+28.04
 CITY OF WALNUT

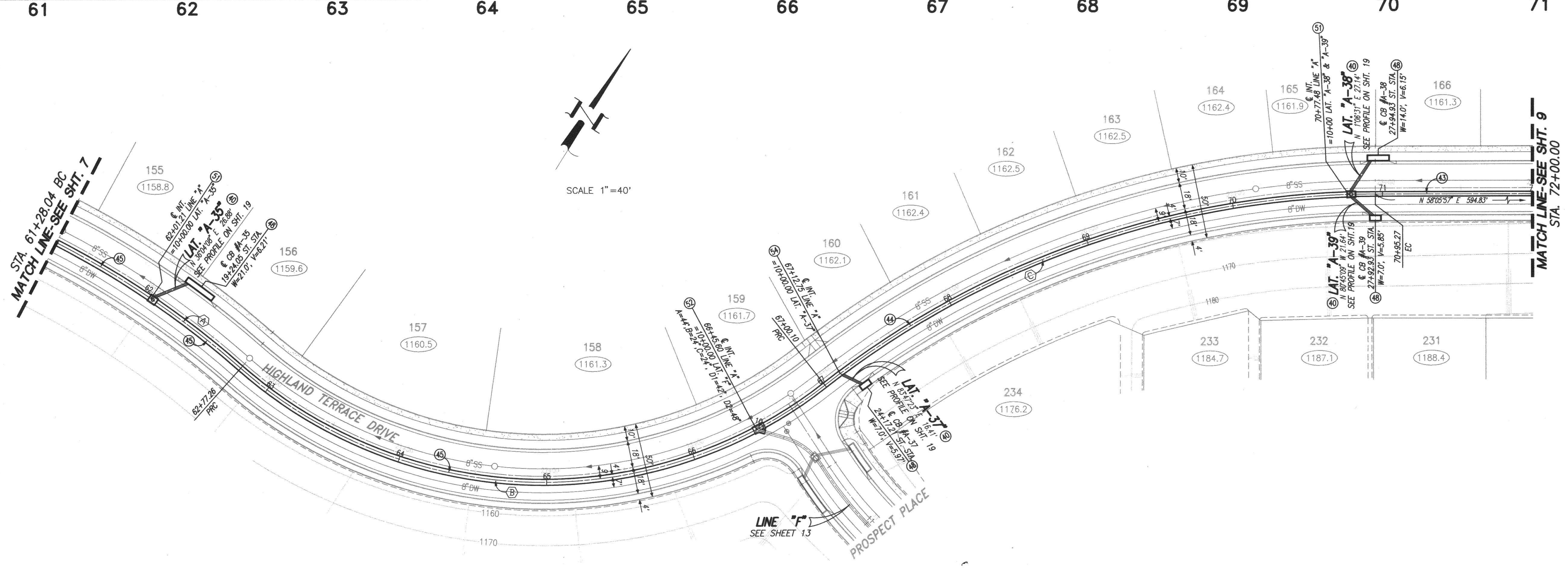
SHEET 7 OF 24 SHEETS
187G



PROFILE SCALE
 HORIZ.: 1" = 40'
 VERT.: 1" = 8'

CONSTRUCTION NOTES

- ④ CONSTRUCT 18" RCP STORM DRAIN (D-LOAD PER PLAN)
- ④ CONSTRUCT 36" RCP STORM DRAIN (D-LOAD PER PLAN)
- ④ CONSTRUCT 42" RCP STORM DRAIN (D-LOAD PER PLAN)
- ④ CONSTRUCT 48" RCP STORM DRAIN (D-LOAD PER PLAN)
- ④ CONSTRUCT CATCH BASIN PER APWA STD. PLAN 300-2 (W PER PLAN)
- ④ CONSTRUCT M.H. PIPE TO PIPE (MAIN LINE 36" OR LARGER) PER APWA STD. PLAN 320-1
- ④ CONSTRUCT M.H. PIPE TO PIPE (LARGER INLET) PER APWA STD. PLAN 322-1
- ④ CONSTRUCT JUNCTION STRUCTURE - PIPE TO PIPE PER APWA STD. PLAN 332-1 (INLET > 24" OR ID > 1/2 MAIN LINE ID)



LINE "A"

CURVE TABLE

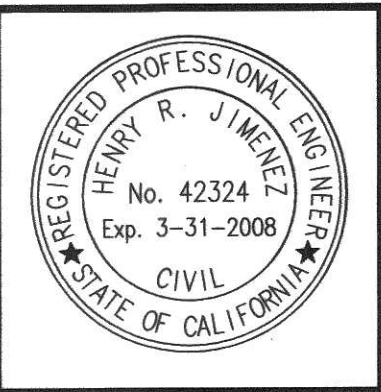
Curve	Δ	R	L	T
①	14°20'41"	596'	149.21'	75'
②	79°41'43"	304'	422.85'	253.71'
③	37°59'21"	596'	395.17'	205.16'

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BENCHMARK
 BENCHMARK NO. = CG 3733
 ELEVATION = 519.40 FT
 ROAD DEPARTMENT TAG IN WESTERLY CURB 5 FEET SOUTH OF BCR, 78 FEET NORTH AND 42 FEET WEST OF CENTERLINE INTERSECTION OF VALLEY BOULEVARD AND LEMON AVENUE.

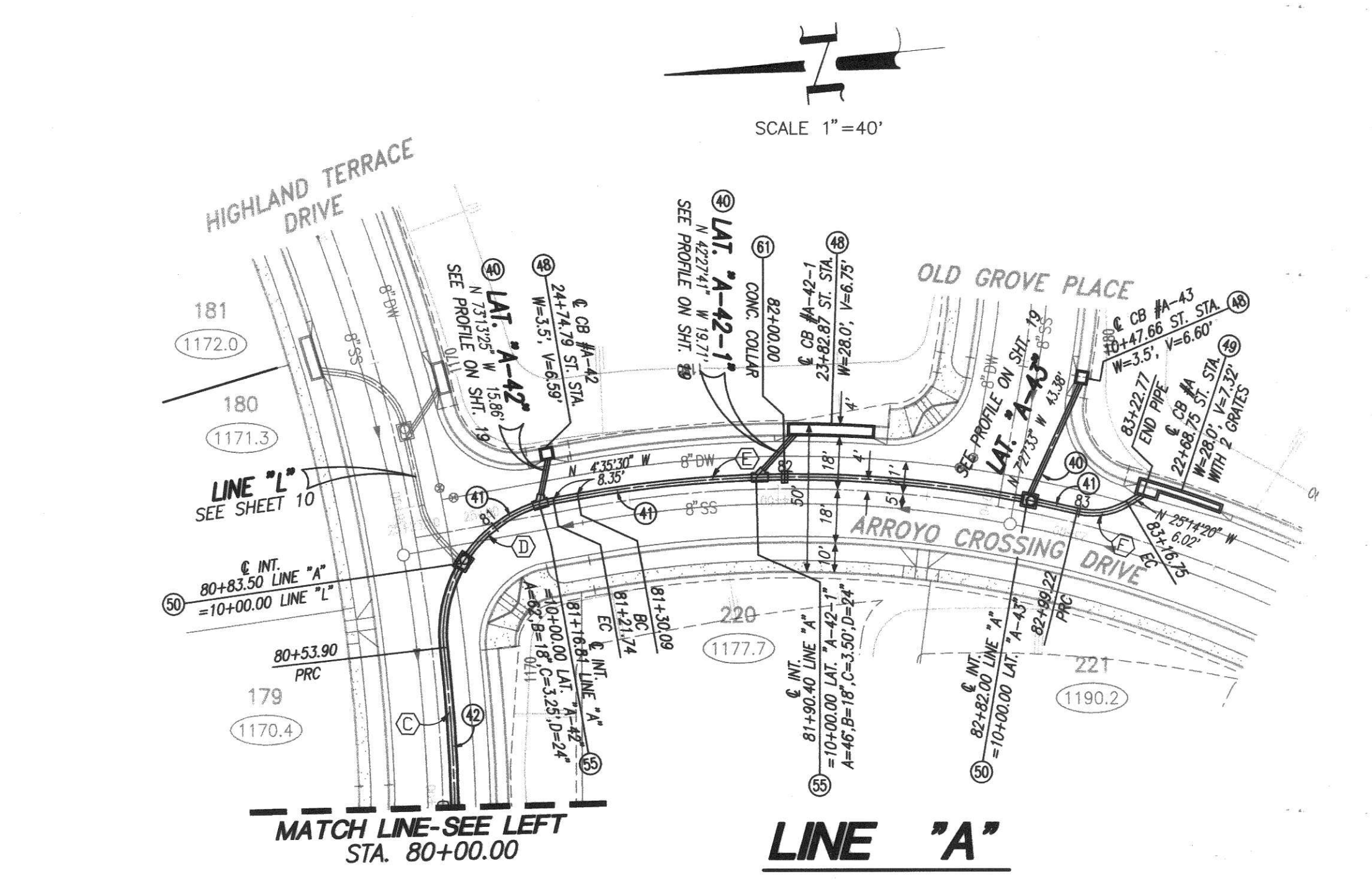
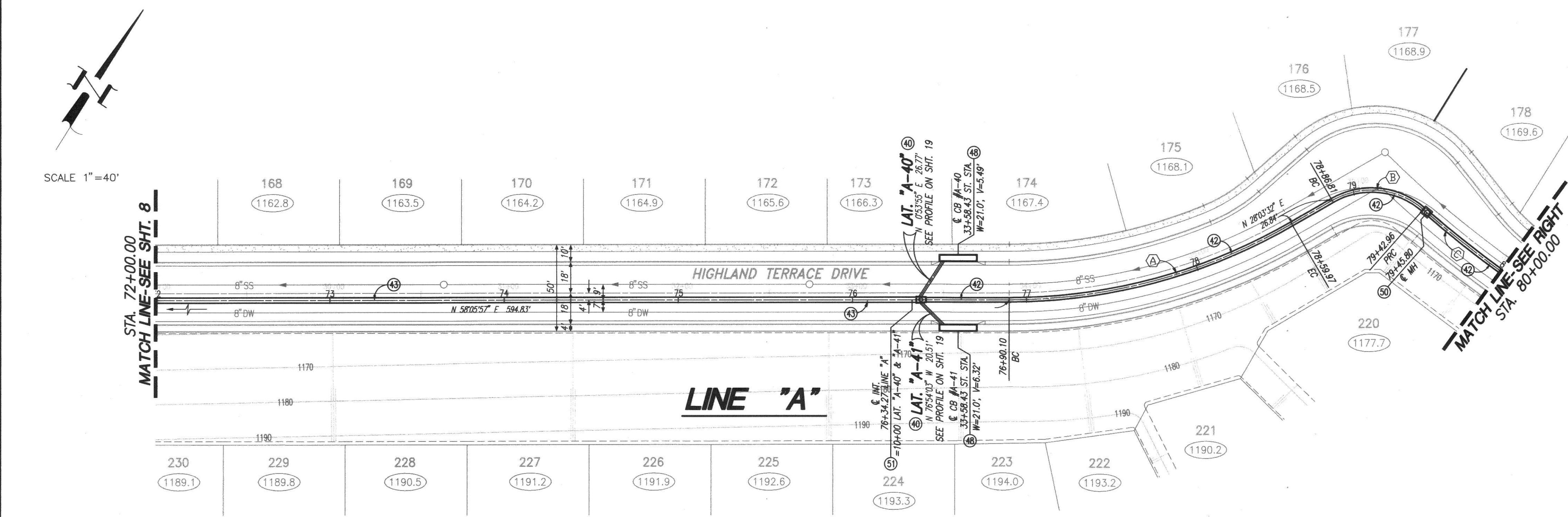
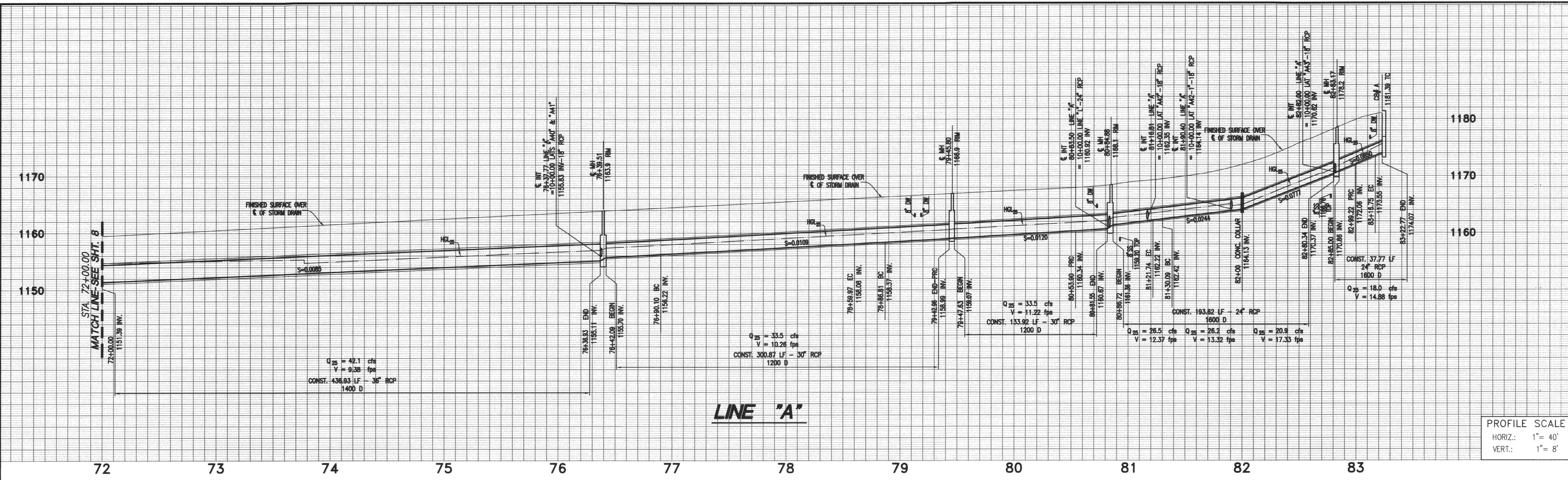
Δ	DATE	DESCRIPTION	APP'D	DATE
REVISIONS				

CITY OF WALNUT
 APPROVED BY: *David Gilbertson*
 DAVID GILBERTSON
 CITY ENGINEER - RCE 46624



PREPARED BY:
MDS CONSULTING
 HENRY R. JIMENEZ
 R.C.E. 42324
 DATE: 10-19-06

AS-BUILT
 11/26/12
STORM DRAIN PLANS
 TRACT No. 50867
LINE "A"
 STA. 61+28.04 TO STA. 72+00.00
 CITY OF WALNUT
 SHEET **8** OF **24** SHEETS
 187H



CONSTRUCTION NOTES

- 40 CONSTRUCT 18" RCP STORM DRAIN (D-LOAD PER PLAN)
- 41 CONSTRUCT 24" RCP STORM DRAIN (D-LOAD PER PLAN)
- 42 CONSTRUCT 30" RCP STORM DRAIN (D-LOAD PER PLAN)
- 43 CONSTRUCT 36" RCP STORM DRAIN (D-LOAD PER PLAN)
- 48 CONSTRUCT CATCH BASIN PER APWA STD. PLAN 300-2 (W PER PLAN)
- 49 CONSTRUCT CATCH BASIN PER APWA STD. PLAN 301-2 (W PER PLAN)
- 50 CONSTRUCT M.H. PIPE TO PIPE (MAIN LINE 36" OR LARGER) PER APWA STD. PLAN 320-1
- 51 CONSTRUCT M.H. PIPE TO PIPE (MAIN LINE 36" OR LARGER) PER APWA STD. PLAN 320-1
- 55 CONSTRUCT JUNCTION STRUCTURE - PIPE TO PIPE PER APWA STD. PLAN 331-2
- 61 CONSTRUCT CONCRETE COLLAR PER APWA STD. PLAN 380-2

CURVE TABLE

#	Δ	R	L	T
A	30° 02' 25"	324'	169.87'	86.94'
B	71° 29' 40"	45'	56.15'	32.39'
C	10° 31' 24"	604'	110.94'	55.62'
D	86° 22' 41"	45'	67.84'	42.24'
E	23° 59' 11"	404'	169.13'	85.82'
F	44° 38' 01"	22.5'	17.53'	9.24'

DIG ALERT

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BENCHMARK

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ROAD DEPARTMENT TAG IN WESTERLY CURB 5 FEET SOUTH OF BCR, 78 FEET NORTH AND 42 FEET WEST OF CENTERLINE INTERSECTION OF VALLEY BOULEVARD AND LEMON AVENUE.

REVISIONS

Δ	DATE	DESCRIPTION	APP'D	DATE

CITY OF WALNUT

APPROVED BY: *David Gilbertson* 10/20/06
 DAVID GILBERTSON
 CITY ENGINEER - RCE 46624

REGISTERED PROFESSIONAL ENGINEER
 HENRY R. JIMENEZ
 No. 42324
 Exp. 3-31-2008
 CIVIL
 STATE OF CALIFORNIA

PREPARED BY:

MDS CONSULTING
 PLANNERS ENGINEERS SURVEYORS

Henry R. Jimenez 10-19-06
 HENRY R. JIMENEZ P.E. 42324 DATE

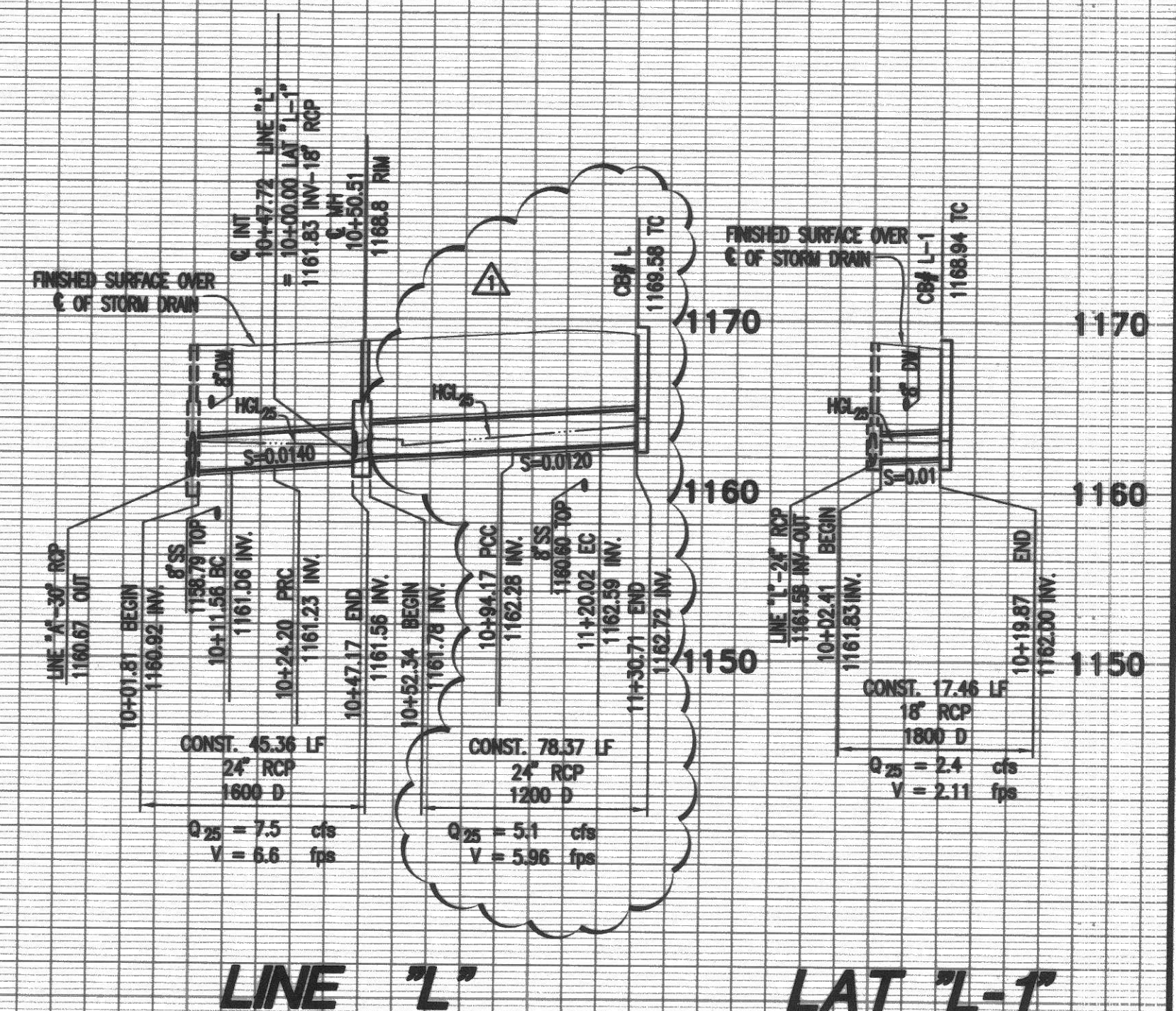
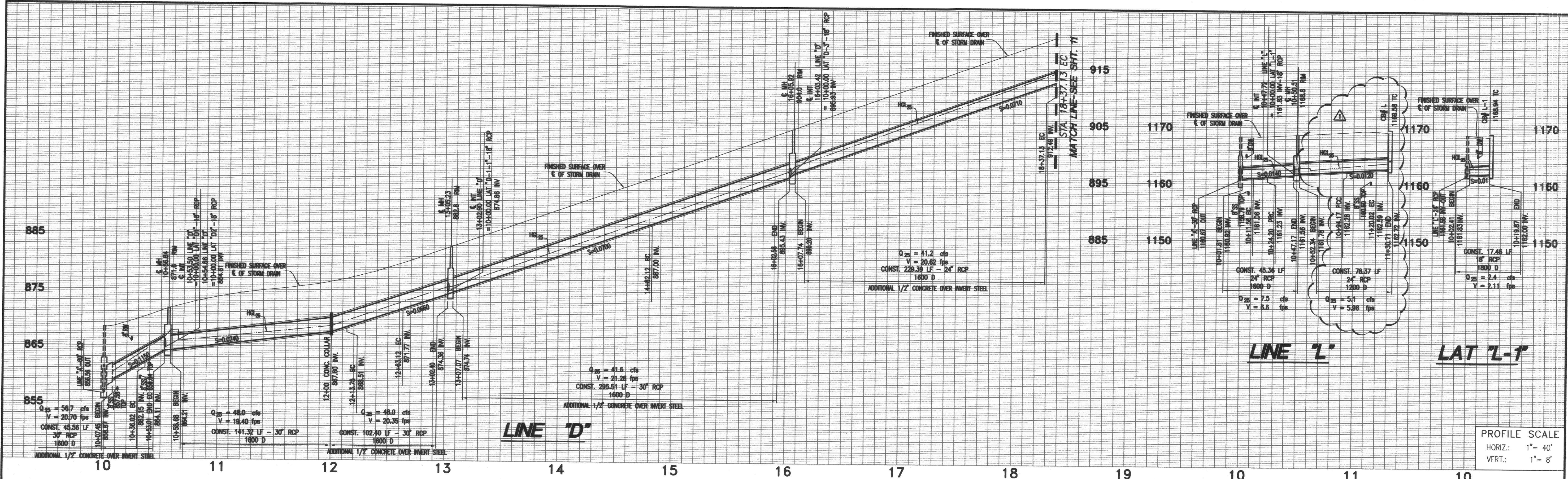
STORM DRAIN PLANS

TRACT No. 50867
LINE "A"
 STA. 72+00.00 TO STA. 83+22.77
 CITY OF WALNUT

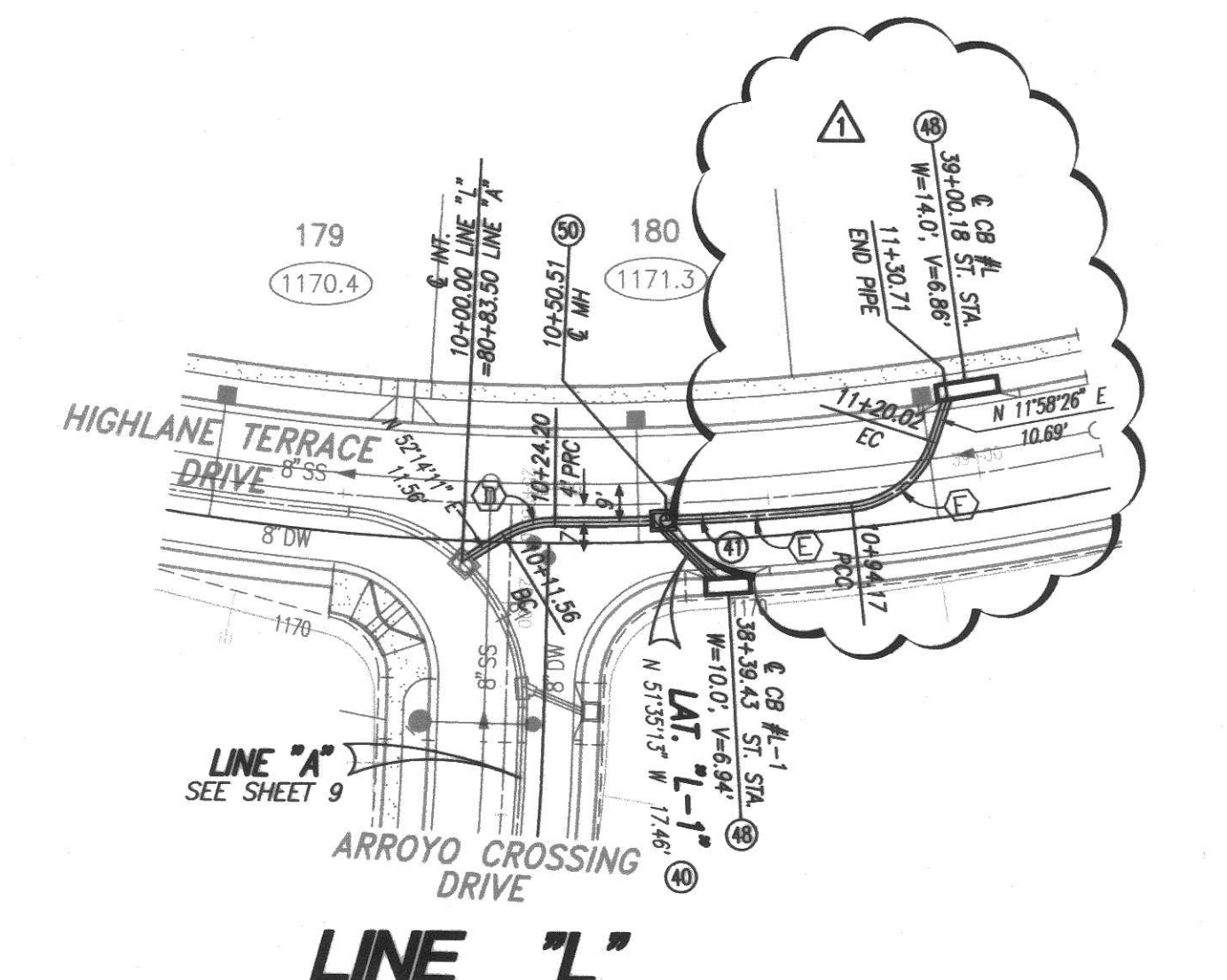
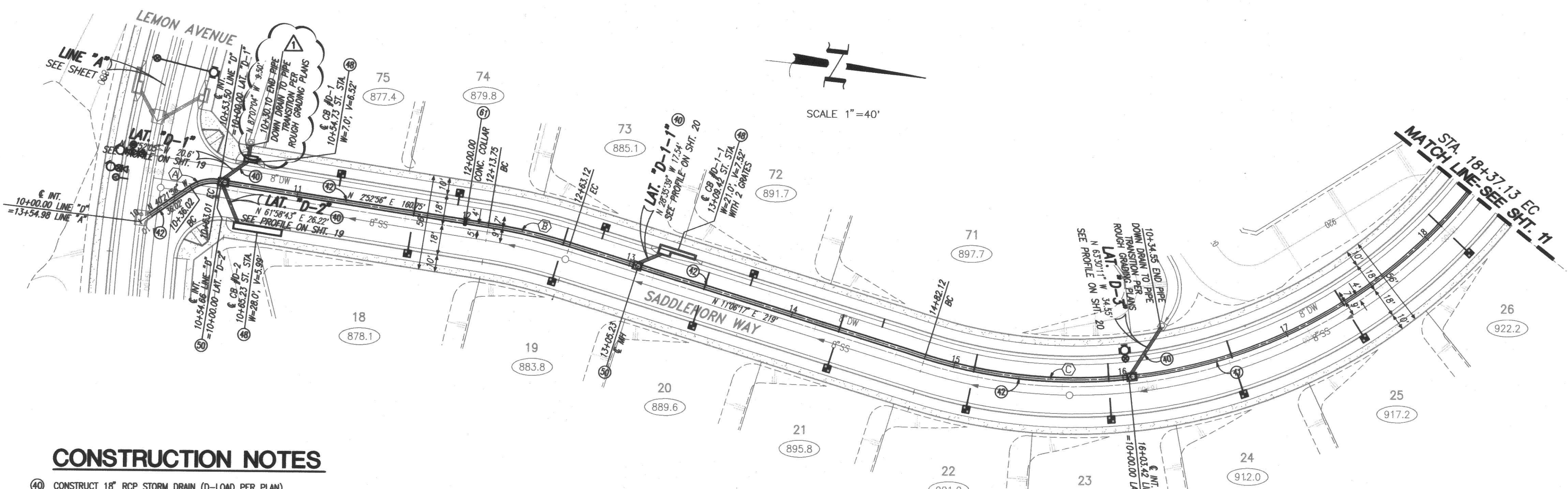
AS-BUILT
 11/26/12

SHEET 9 OF 24 SHEETS

187 I



PROFILE SCALE
 HORIZ.: 1" = 40'
 VERT.: 1" = 8'



CONSTRUCTION NOTES

- 40 CONSTRUCT 18" RCP STORM DRAIN (D-LOAD PER PLAN)
- 41 CONSTRUCT 24" RCP STORM DRAIN (D-LOAD PER PLAN)
- 42 CONSTRUCT 30" RCP STORM DRAIN (D-LOAD PER PLAN)
- 48 CONSTRUCT CATCH BASIN PER APWA STD. PLAN 300-2 (W PER PLAN)
- 50 CONSTRUCT M.H. PIPE TO PIPE (MAIN LINE 33" OR SMALLER) PER APWA STD. PLAN 321-1
- 60 CONSTRUCT CONCRETE COLLAR PER APWA STD. PLAN 380-2

CURVE TABLE				
#	Δ	R	L	T
A	43°14'53"	22.5'	16.98'	8.92'
B	8°13'21"	344'	49.37'	24.73'
C	68°43'07"	296'	355.01'	202.37'
D	32°11'40"	22.5'	12.64'	6.49'
E	6°38'15"	604.00'	69.97'	35.03'
F	65°49'09"	22.50'	25.85'	14.56'

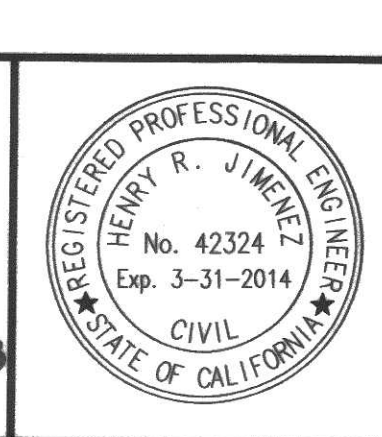
AS-BUILT
 11/26/12

DIG ALERT
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BENCHMARK
 BENCHMARK NO. = CG 3733
 ELEVATION = 519.40 FT
 ROAD DEPARTMENT TAG IN WESTERLY CURB 5 FEET SOUTH OF BCR, 78 FEET NORTH AND 42 FEET WEST OF CENTERLINE INTERSECTION OF VALLEY BOULEVARD AND LEMON AVENUE.

NO.	DATE	DESCRIPTION	APP'D	DATE
2-14-07		RELOCATED DOWN DRAIN TO PIPE AT LAT. "D-1" REALIGNMENT & ADJUSTED PROFILE LINE "L" FROM STA. 10+50.51 TO STA. 11+30.71. RELOCATED CATCH BASIN # L		4/22/12

CITY OF WALNUT
 APPROVED BY: *David Gilbertson*
 DAVID GILBERTSON
 CITY ENGINEER - RCE 46624
 DATE: 11/26/12



PREPARED BY:
MDS CONSULTING
 PLANNERS ENGINEERS SURVEYORS
 HENRY R. JIMENEZ
 R.C.E. 42324
 DATE: 11-28-12

STORM DRAIN PLANS
 TRACT No. 50867
LINE "D" & LINE "L"
 STA. 10+00.00 TO STA. 18+37.13
 STA. 10+00.00 TO STA. 11+30.71
 CITY OF WALNUT
 SHEET 10 OF 24 SHEETS
 187J