

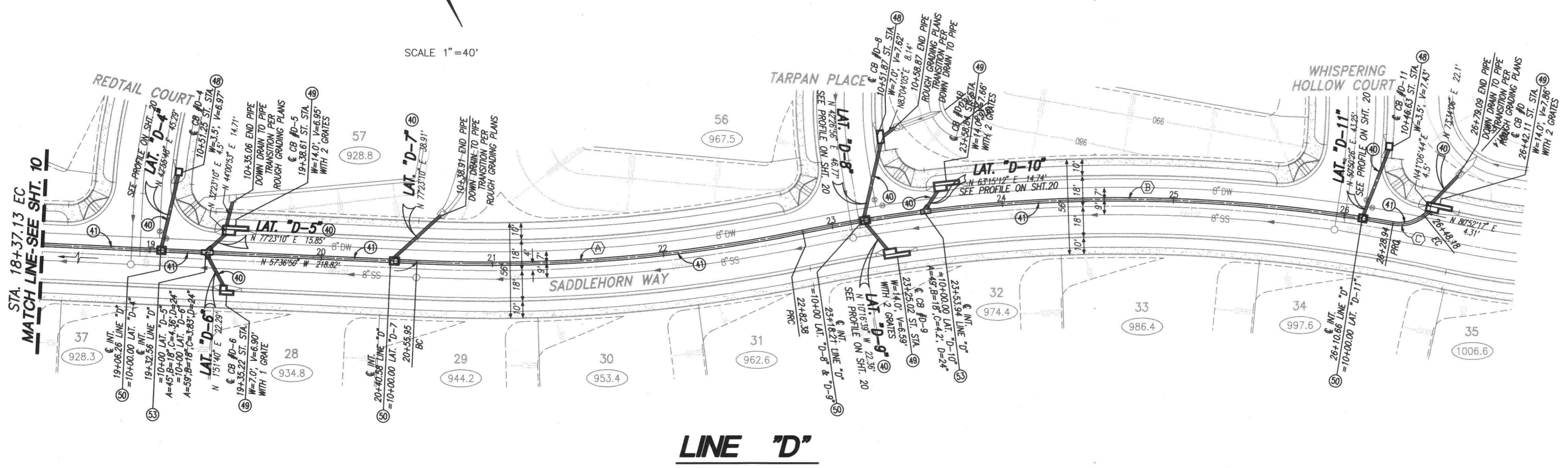
LAT 'D-5' & 'D-6' **LAT 'D-7'**

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 CATCH BASIN PER APWA STD. PLAN 300-2 (W PER PLAN)
- 43 CONSTRUCT CATCH BASIN PER APWA STD. PLAN 301-2 (W PER PLAN)
- 44 CONSTRUCT M.H. PIPE TO PIPE (MAIN LINE 3" OR SMALLER) PER APWA STD. PLAN 321-1
- 45 CONSTRUCT TRANSITION STRUCTURE PER APWA STD. PLAN 340-1

SCALE 1"=40'



CURVE TABLE

STATION	Δ	R	L	T
(A)	14°28'44"	896'	226.42'	113.82'
(B)	21°57'54"	904'	346.56'	175.43'
(C)	49°00'03"	22.5'	19.24'	10.25'

DIG ALERT
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 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* 10/20/06
 DAVID GILBERTSON DATE
 CITY ENGINEER - RCE 46624

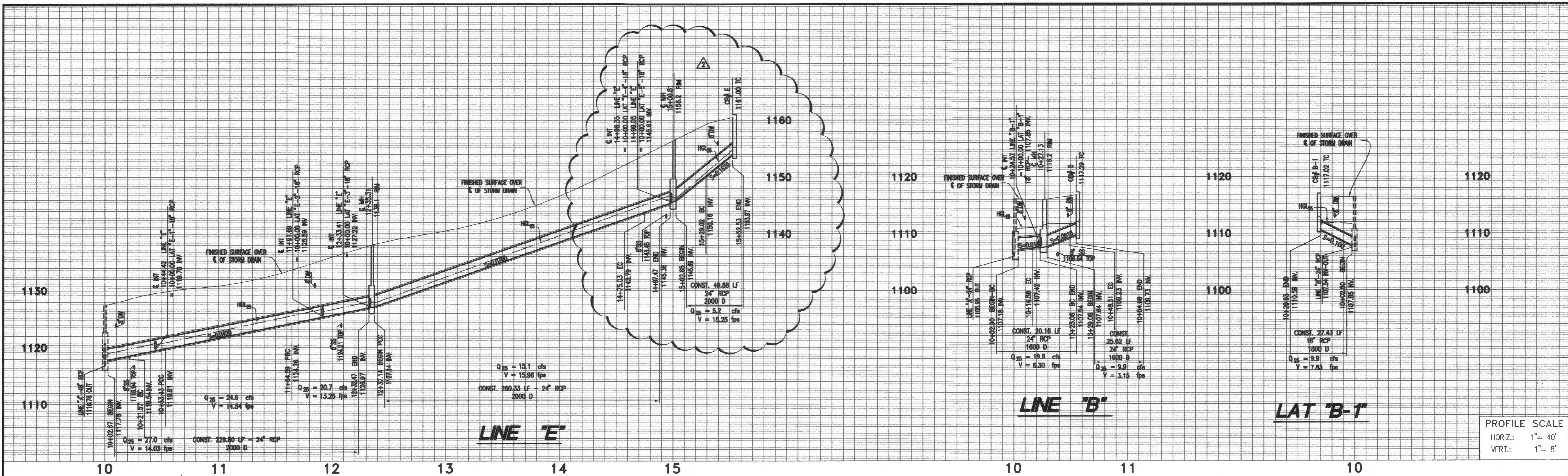


PREPARED BY:
MDS CONSULTING
 HENRY R. JIMENEZ 10-19-06
 R.C.E. 42324 DATE

AS-BUILT
 11/26/12

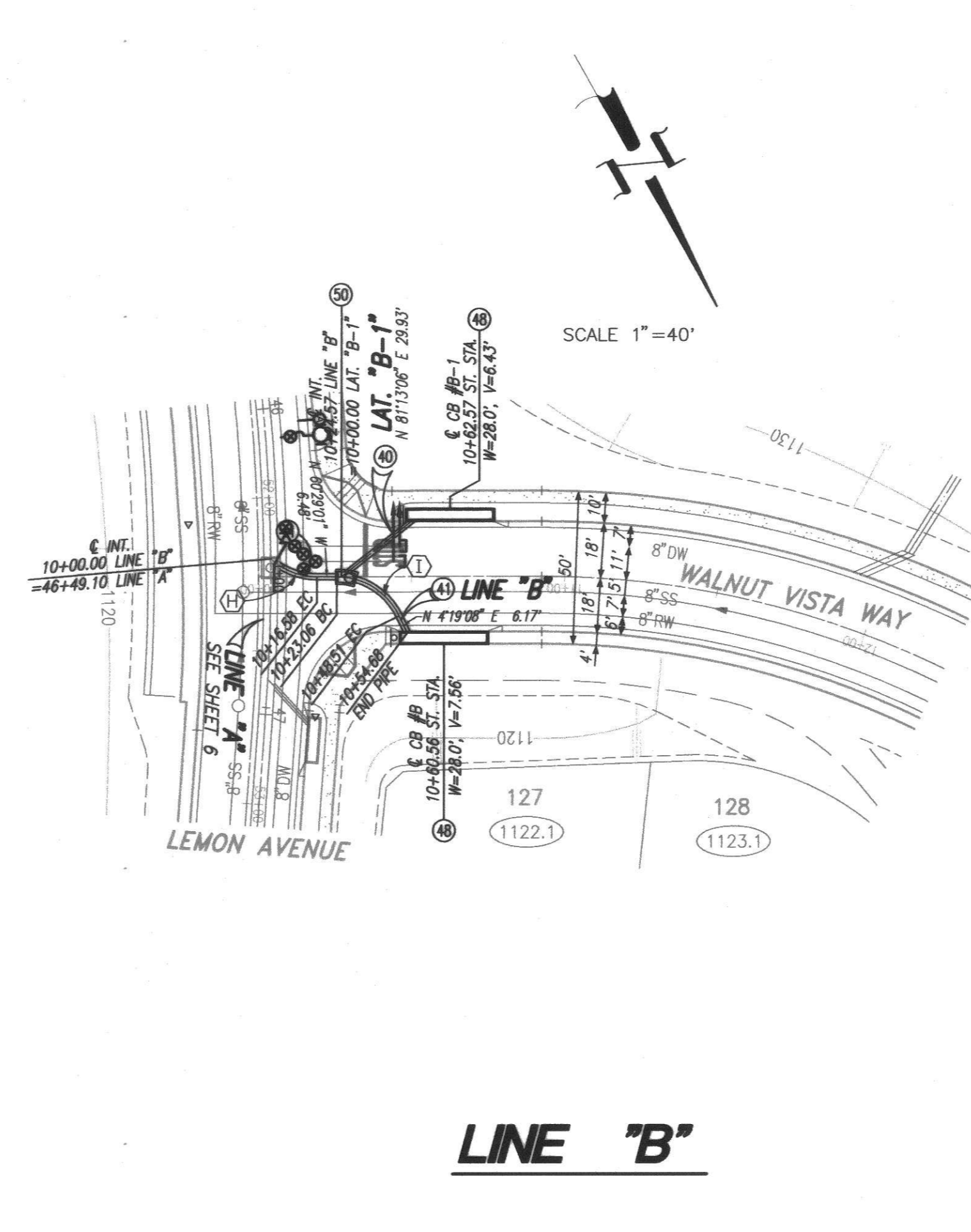
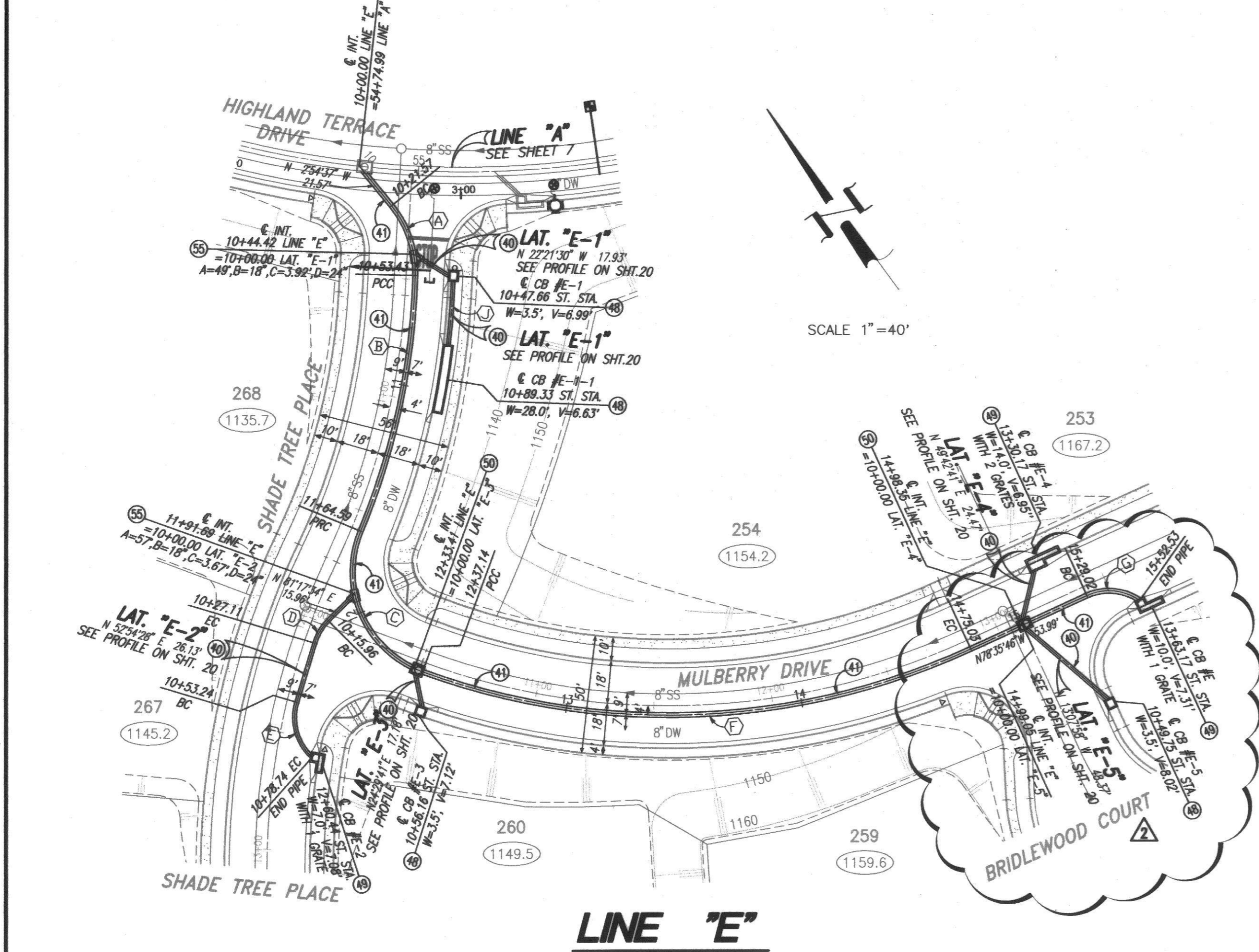
STORM DRAIN PLANS
 TRACT No. 50867
LINE "D"
 STA. 18+37.13 TO STA. 26+79.09
 CITY OF WALNUT

SHEET **11** OF **24** SHEETS
187 K



CONSTRUCTION NOTES

- ④ CONSTRUCT 18" RCP STORM DRAIN (D-LOAD PER PLAN)
- ④ CONSTRUCT 24" RCP STORM DRAIN (D-LOAD PER PLAN)
- ④ CONSTRUCT CATCH BASIN PER APWA STD. PLAN 300-2 (W PER PLAN)
- ④ CONSTRUCT CATCH BASIN PER APWA STD. PLAN 301-2 (W PER PLAN)
- ④ CONSTRUCT M.H. PIPE TO PIPE (MAIN LINE 3" OR SMALLER) PER APWA STD. PLAN 321-1
- ④ CONSTRUCT JUNCTION STRUCTURE - PIPE TO PIPE PER APWA STD. PLAN 331-2



CURVE TABLE

#	Δ	R	L	T
(A)	40°34'03"	45'	31.86'	16.63'
(B)	20°57'03"	304'	111.16'	56.21'
(C)	92°22'02"	45'	72.55'	46.9'
(D)	28°23'32"	22.5'	11.15'	5.69'
(E)	64°56'55"	22.5'	25.51'	14.32'
(F)	44°50'13"	304'	237.9'	125.41'
(G)	59°52'03"	22.50'	23.51'	12.96'
(H)	42°13'54"	22.5'	16.58'	8.69'
(I)	64°48'10"	22.5'	25.45'	14.28'
(J)	5°00'44"	320.09'	28.00'	14.01'

AS-BUILT
11/26/12

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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

DATE	DESCRIPTION	APP'D	DATE
5-10-07	RELOCATED CATCH BASINS #E & #E-5 AND REVISED PROFILES	dy	5/10/07

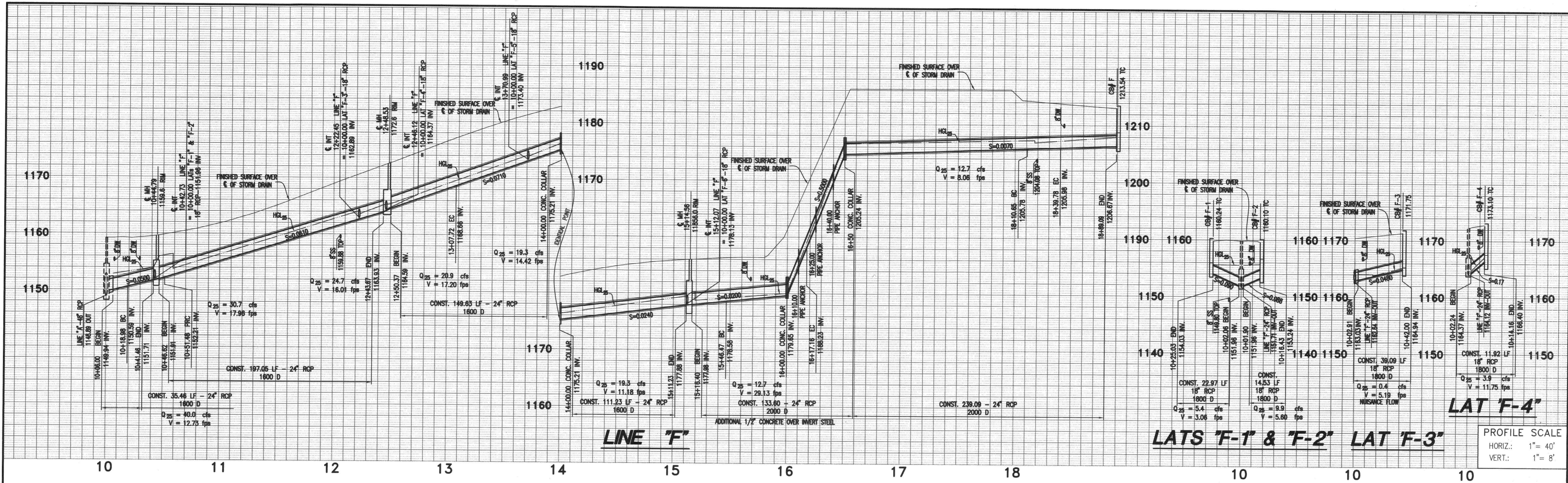
CITY OF WALNUT
APPROVED BY: *David Gilbertson*
DAVID GILBERTSON
CITY ENGINEER - RCE 46624



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 'E' & LINE 'B'
STA. 10+00.00 TO STA. 15+47.53
STA. 10+00.00 TO STA. 10+54.68
CITY OF WALNUT
187 L

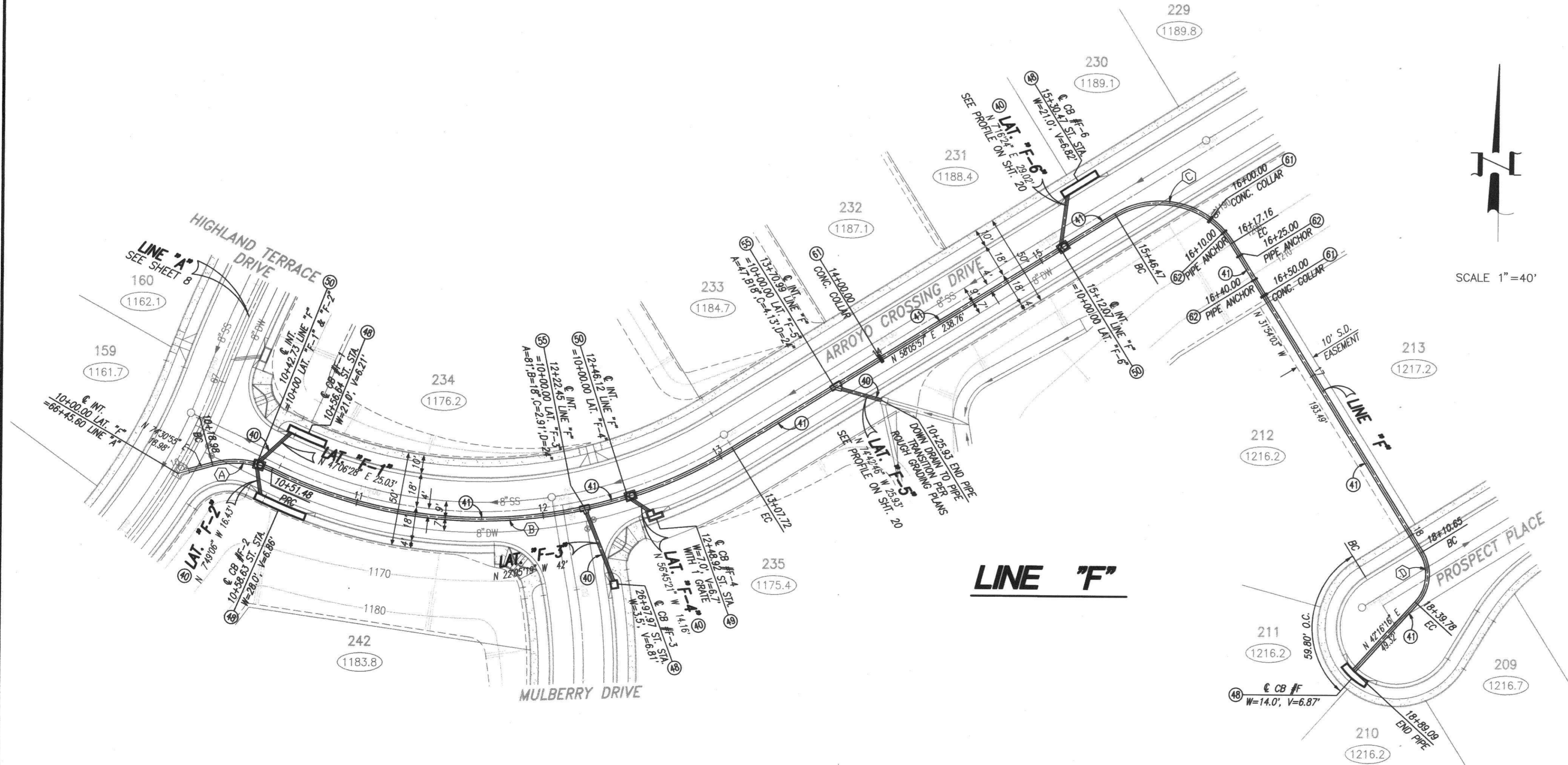
SHEET 12 OF 24 SHEETS



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)
- 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 3" OR SMALLER) PER APWA STD. PLAN 321-1
- 55 CONSTRUCT JUNCTION STRUCTURE - PIPE TO PIPE PER APWA STD. PLAN 331-2
- 61 CONSTRUCT CONCRETE COLLAR PER APWA STD. PLAN 380-2
- 62 CONSTRUCT PIPE ANCHOR PER APWA STD. PLAN 221-1



CURVE TABLE				
#	Δ	R	L	T
(A)	41°23'01"	45'	32.5'	17'
(B)	57°47'59"	254'	256.23'	140.21'
(C)	90°00'00"	45'	70.69'	45'
(D)	74°10'20"	22.5'	29.13'	17.01'

AS-BUILT
 11/26/12

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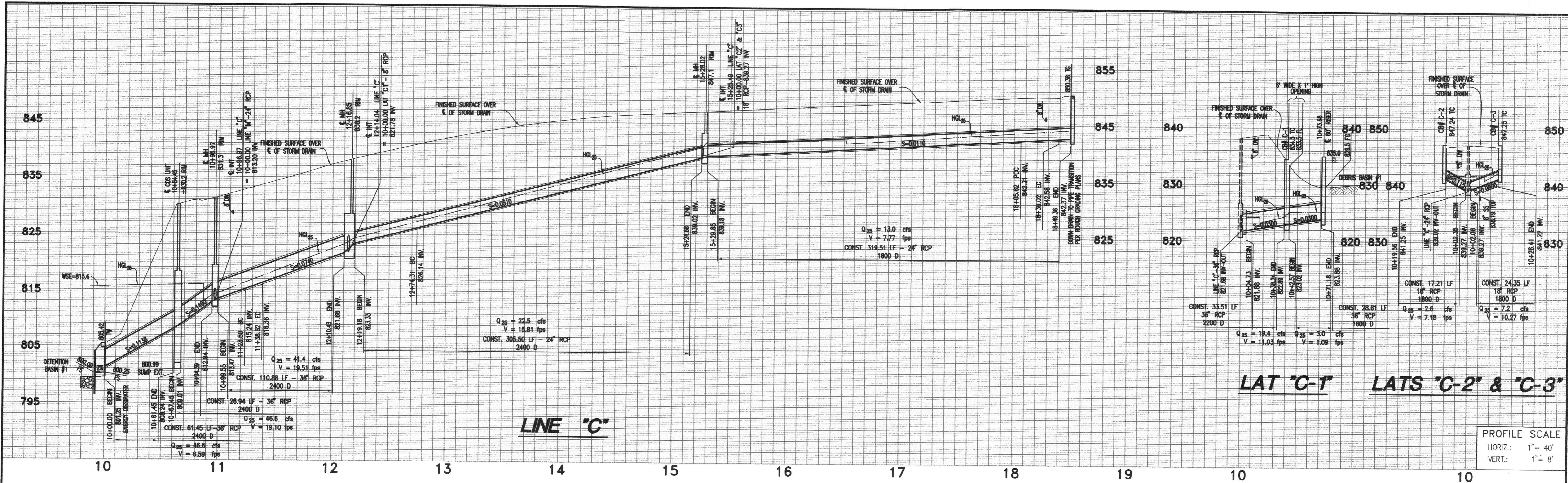
Δ	DATE	DESCRIPTION	APPD	DATE
REVISIONS				

CITY OF WALNUT
 APPROVED BY: *David Gilbertson* 10/19/06
 DAVID GILBERTSON
 CITY ENGINEER - RCE 46624 DATE



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

STORM DRAIN PLANS
 TRACT No. 50867
LINE "F"
 STA. 10+00.00 TO STA. 18+89.09
 CITY OF WALNUT
 SHEET 13 OF 24 SHEETS
 187M

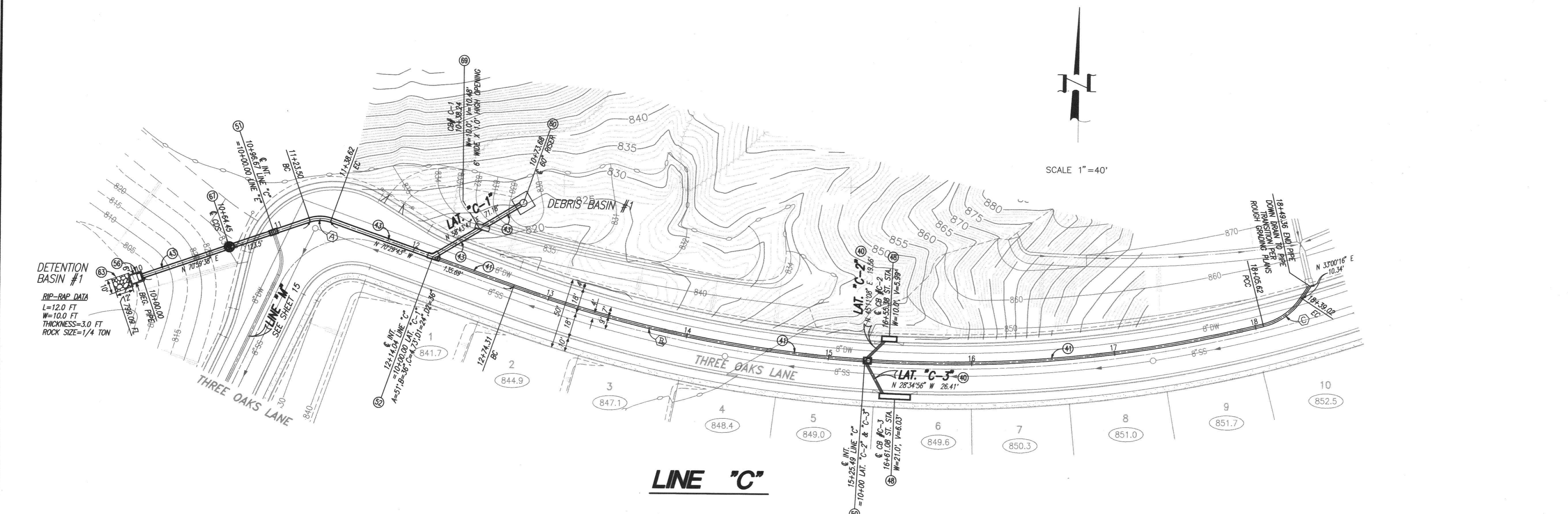


LAT "C-1" LATS "C-2" & "C-3"

PROFILE SCALE
 HORIZ.: 1" = 40'
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CONSTRUCTION NOTES

- ④0 CONSTRUCT 18" RCP STORM DRAIN (D-LOAD PER PLAN)
- ④1 CONSTRUCT 24" 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 M.H. PIPE TO PIPE (MAIN LINE 33" OR SMALLER) PER APWA STD. PLAN 321-1
- ⑤1 CONSTRUCT M.H. PIPE TO PIPE (MAIN LINE 36" OR LARGER) PER APWA STD. PLAN 320-1
- ⑤2 CONSTRUCT M.H. PIPE TO PIPE (LARGER INLET) PER APWA STD. PLAN 322-1
- ⑤6 CONSTRUCT ENERGY DISSIPATOR PER APWA STD. PLAN 384-1
- ⑥0 CONSTRUCT RC OUTLET TOWER PER L.A.C.F.C.D. STD 2-D404 (SIZE PER PLAN)
- ⑥3 CONSTRUCT RIPRAP PER DETAIL ON SHT. 2 (SIZE PER PLAN)
- ⑥7 CONSTRUCT CDS UNIT MODEL PMSU30-30 PER DETAIL ON SHT. 23, WITH OIL SORBENT BOOMS PER CDS TECHNOLOGIES RECOMMENDATION
- ⑥9 CONSTRUCT CATCH BASIN PER APWA STD. PLAN 300-2 (W PER PLAN) WITH MODIFIED OPENING (SIZE PER PLAN)



CURVE TABLE

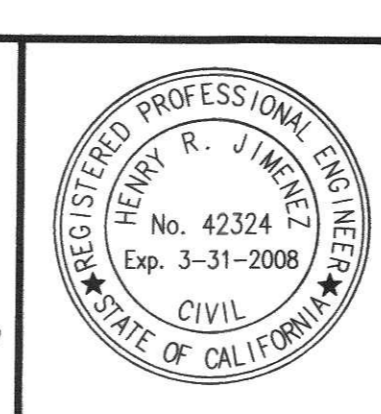
(#)	Δ	R	L	T
(A)	38°30'39"	22.5'	15.12'	7.86'
(B)	33°58'31"	896'	531.31'	273.72'
(C)	42°31'31"	45'	33.4'	17.51'

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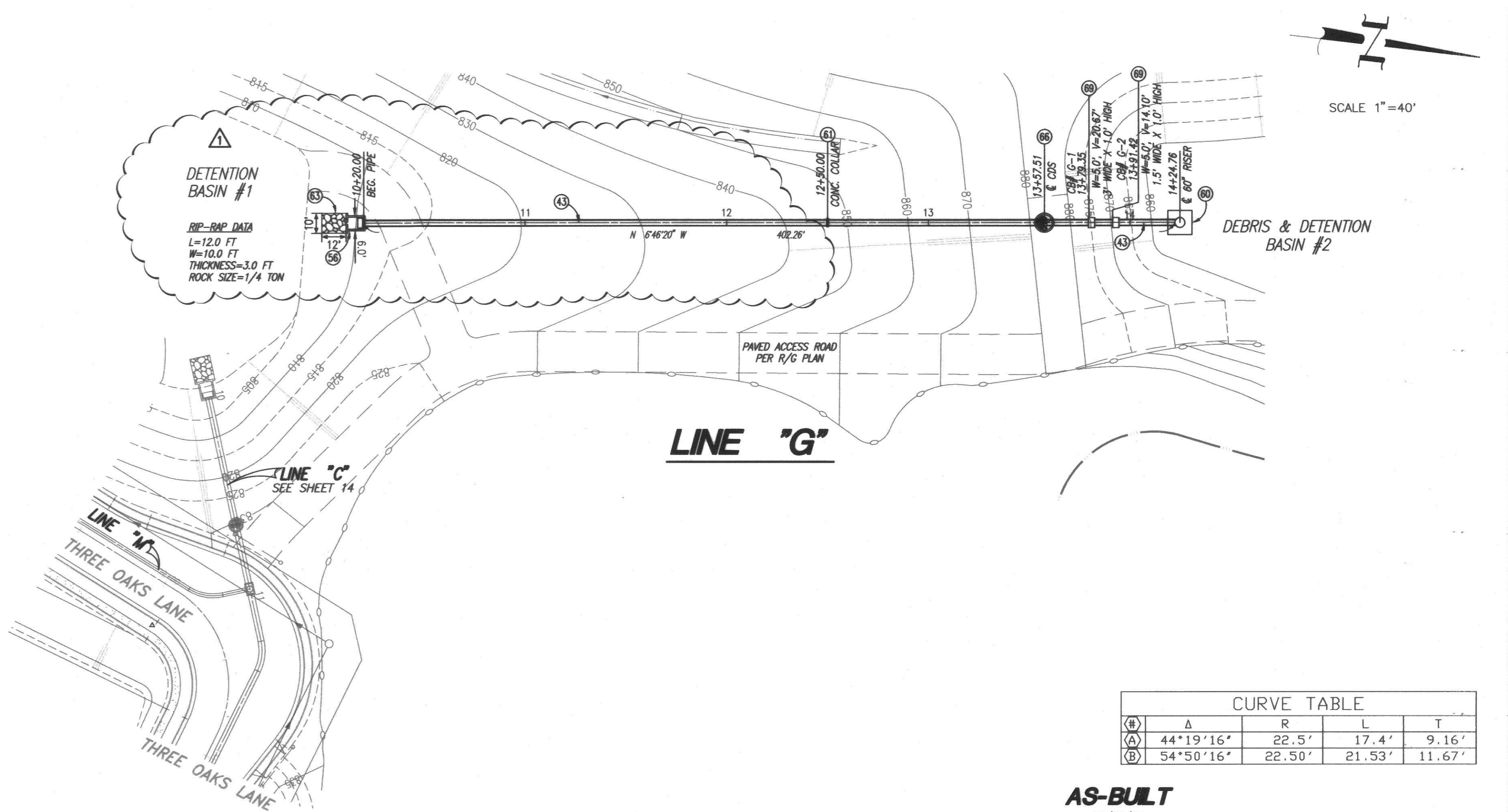
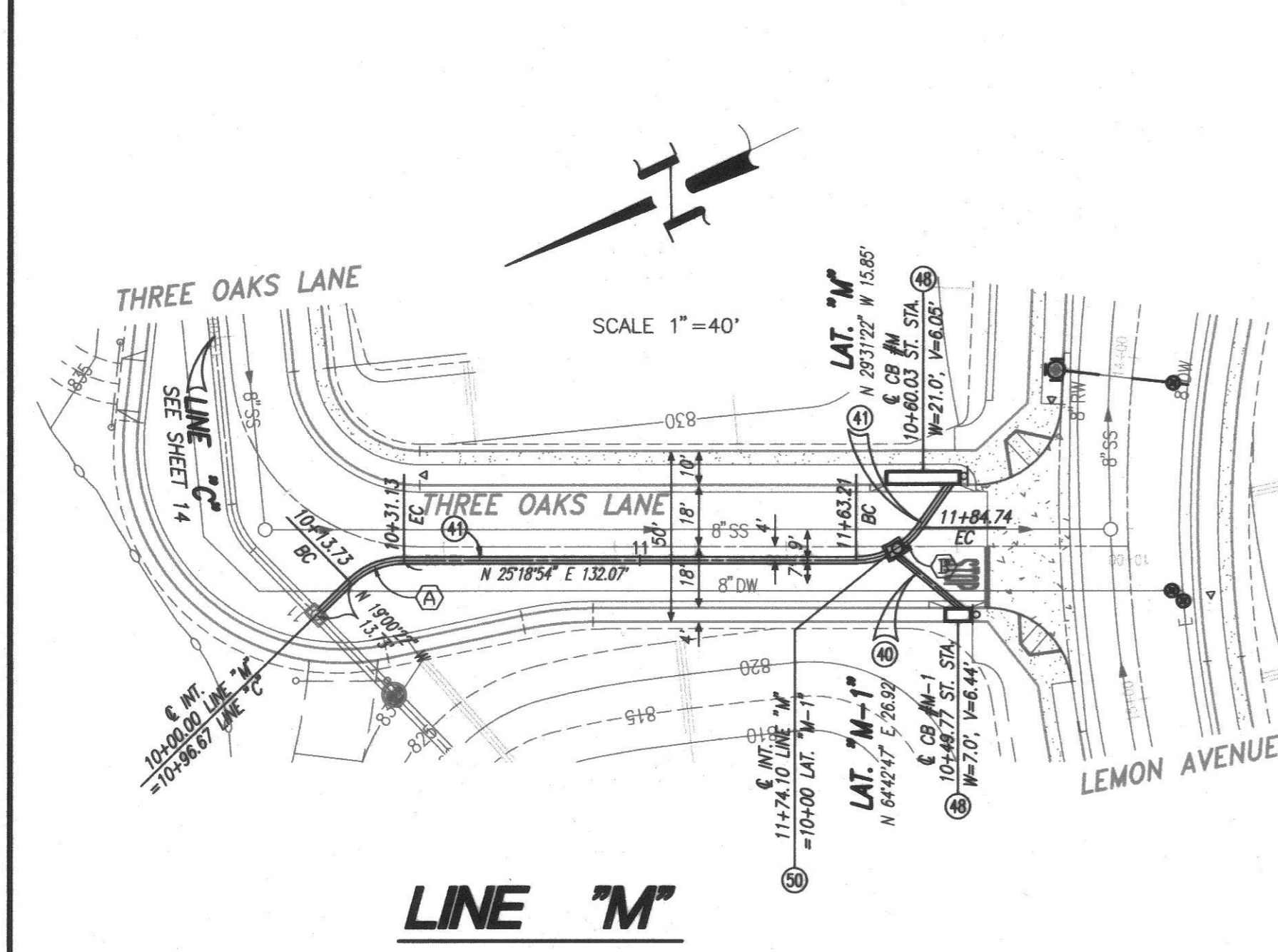
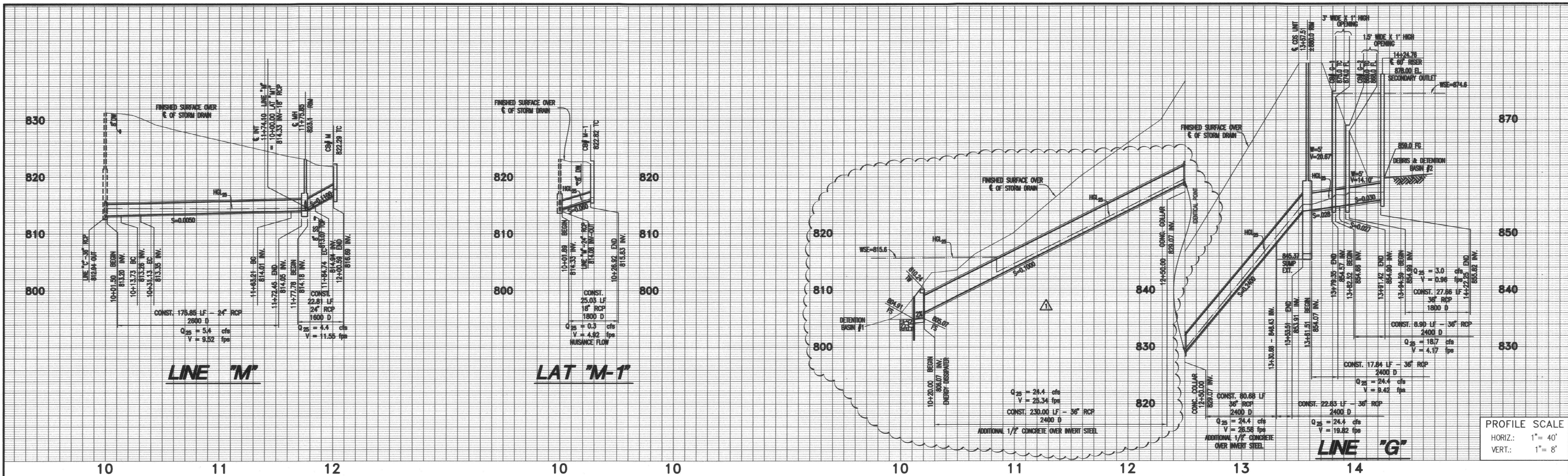
Δ	DATE	DESCRIPTION	APP'D	DATE

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



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

AS-BUILT
 1/26/12
STORM DRAIN PLANS
 TRACT No. 50867
LINE "C"
 STA. 10+00.00 TO STA. 18+49.36
 CITY OF WALNUT
 SHEET 14 OF 24 SHEETS
 187 N



CONSTRUCTION NOTES

- 40 CONSTRUCT 18" RCP STORM DRAIN (D-LOAD PER PLAN)
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- 50 CONSTRUCT M.H. PIPE TO PIPE (MAIN LINE 3" OR SMALLER) PER APWA STD. PLAN 321-1
- 56 CONSTRUCT ENERGY DISSIPATOR-IMPACT BASIN PER APWA STD. PLAN 384-1
- 60 CONSTRUCT RC OUTLET TOWER PER L.A.C.F.C.D. STD. PLAN 2-D404 (SIZE PER PLAN)
- 61 CONSTRUCT CONCRETE COLLAR PER APWA STD. PLAN 380-2
- 63 CONSTRUCT RIPRAP PER DETAIL ON SHT. 2 (SIZE PER PLAN)
- 66 CONSTRUCT CDS UNIT MODEL PMSU40-30 PER DETAIL ON SHT. 22, WITH OIL SORBENT BOOMS PER CDS TECHNOLOGIES RECOMMENDATION
- 69 CONSTRUCT CATCH BASIN PER APWA STD. PLAN 300-2 (W PER PLAN) WITH MODIFIED OPENING (SIZE PER PLAN)

CURVE TABLE

CH	Δ	R	L	T
(A)	44°19'16"	22.5'	17.4'	9.16'
(B)	54°50'16"	22.50'	21.53'	11.67'

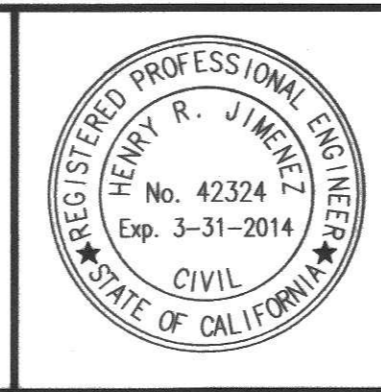
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REVISIONS

DATE	DESCRIPTION	APP'D	DATE
2-08-07	REVISED STORM DRAIN LINE PROFILE FROM STA. 10+00.00 TO STA. 10+95.00 RELOCATED DETENTION BASIN #1	dy	

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



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

AS-BUILT
 11/26/12
STORM DRAIN PLANS
 TRACT No. 50867
LINE "M" & LINE "G"
 STA. 10+00.00 TO STA. 12+00.59
 STA. 10+20.00 TO STA. 14+22.25
 CITY OF WALNUT
 SHEET 15 OF 24 SHEETS
 1870