

LEGEND

NOTE: ALL PIPE SIZES ARE INSIDE DIAMETER

- FOUND 3/4" IRON PIPE TAGGED L.S. 8040 PER (A) UNLESS NOTED OTHERWISE
- FOUND 3/4" IRON PIPE TAGGED L.S. 8040 PER (B)
- FOUND 3/4" IRON PIPE IN MONUMENT WELL TAGGED L.S. 6944 PER (A)
- FOUND GPS MONUMENT PER (C)
- SET 3/4" x 24" IRON PIPE, WITH PLASTIC PLUG STAMPED LS 8040
- ◎ SET 3/4" x 24" IRON PIPE, WITH PLASTIC PLUG STAMPED LS 8040 IN MONUMENT WELL
- OP OFFICIAL PLATS
- PUE PUBLIC UTILITY EASEMENT
- (M) MEASURED ON THIS SURVEY
- M.C.R. MERCED COUNTY RECORDS
- (R) RADIAL BEARING
- C42 CURVE TABLE REFERENCE
- L99 LINE TABLE REFERENCE
- * CALCULATED FROM RECORD

NOTES

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BASIS OF BEARINGS

A BEARING OF $S42^{\circ}29'59"E$ MEASURED FOR THE LINE BETWEEN BM-9 AND BM-7 AS SHOWN ON THE GPS SURVEY CONTROL NETWORK FILED IN BOOK 58 OF SURVEYS, AT PAGES 38-41, MERCED COUNTY RECORDS WAS USED AS THE BASIS OF BEARINGS FOR THIS SURVEY.

REFERENCES

- (A) REMISSANCE II, VOLUME 86 OF OFFICIAL PLATS, PAGES 37-39, M.C.R.
- (B) REMISSANCE 154 - PHASE 4, VOLUME 86 OF OFFICIAL PLATS, PAGES 37-39, M.C.R.
- (C) GPS SURVEY CONTROL NETWORK, BOOK 58 OF SURVEYS, PAGES 38-41, M.C.R.
- (D) TUSCANY EAST, VOLUME 73 OF OFFICIAL PLATS, PAGES 9-12, M.C.R.

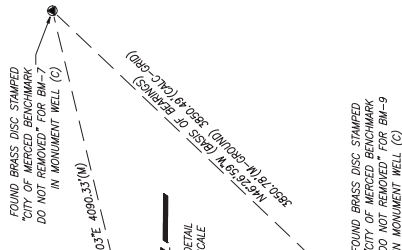
SUBDIVISION SUMMARY

33 LOTS	1.08 ACRES
LOT B	0.83 ACRES
STREETS	1.16 ACRES
TOTAL	5.97 ACRES

TENTATIVE MAP NO. 1322
SUBDIVISION NO. 5415
REMISSANCE 154 - PHASE 5

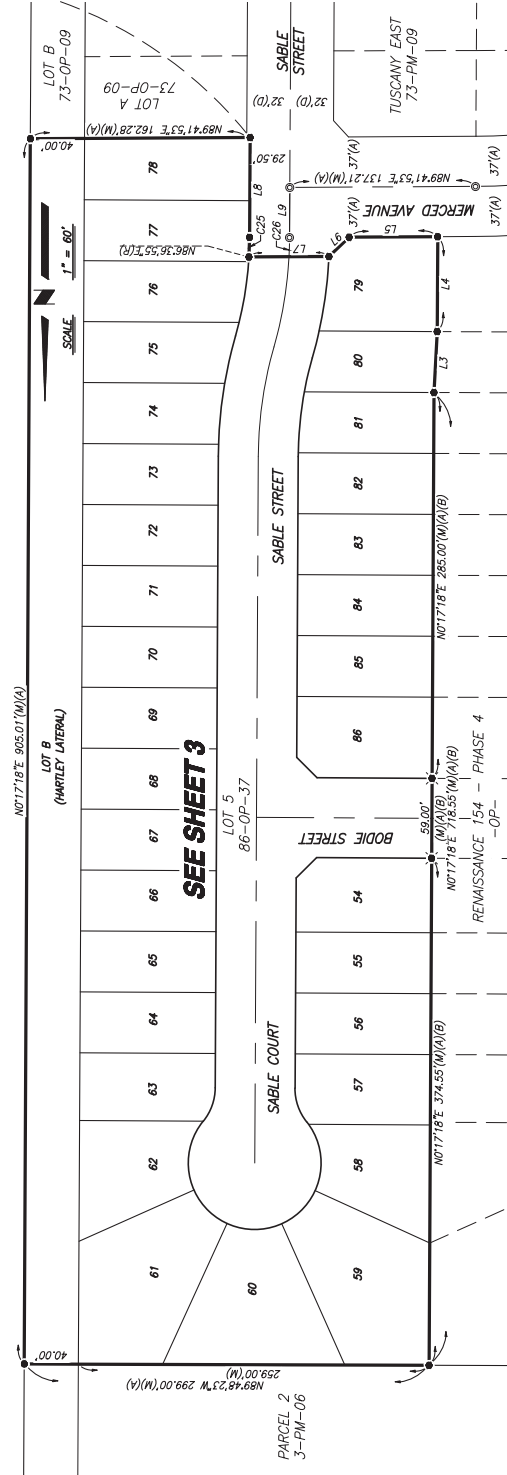
BEING A SUBDIVISION OF LOT 5 AS SHOWN ON THE MAP OF REMISSANCE II, FILED IN VOLUME 86 OF OFFICIAL PLATS, AT PAGES 37 TO 39, MERCED COUNTY RECORDS, LYING IN A PORTION OF SECTION 27, TOWNSHIP 7 SOUTH, RANGE 14 EAST, MOUNT DIABLO MERIDIAN
CITY OF MERCED, COUNTY OF CALIFORNIA
MARCH 2024

BENCHMARK ENGINEERING
CIVIL ENGINEERING, PLANNING, AND LAND SURVEYING
4066 SEPTEMBER WAY, SUITE A, MODESTO, CALIFORNIA, 95358 (209) 544-6000



CURVE DATA TABLE		
CURVE	DELTA	RADIUS
C25	$370^{\circ}42'$	270.50'
C26	$2^{\circ}42'55''$	300.00'

LINE DATA TABLE		
LINE	BEARING	DISTANCE
L3	$N370^{\circ}12'55"E$	45.05'
L4	$N071^{\circ}18'E$	70.06'
L5	$S89^{\circ}41'53"W$	65.37'
L6	$N46^{\circ}12'39"E$	20.65'
L7	$S89^{\circ}41'53"W$	59.10'
L8	$S071^{\circ}8'23"W$	73.69'
L9	$S071^{\circ}8'23"W$	37.00'



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- GPS SURVEY CONTROL NETWORK, BOOK 58 OF SURVEYS, PAGES 38-41, M.C.R.
- TUSCANY EAST, VOLUME 73 OF OFFICIAL PLATS, PAGES 9-12, M.C.R.

TENTATIVE MAP NO. 1322 SUBDIVISION NO. 5415 RENAISSANCE 154 - PHASE 5

BEING A SUBDIVISION OF LOT 5 AS SHOWN ON THE MAP OF RENAISSANCE II,
FILED IN VOLUME 86 OF OFFICIAL PLATS, AT PAGES 37 TO 39, MERCED COUNTY
RECORDS, LIVING IN A PORTION OF SECTION 27, TOWNSHIP 7 SOUTH,
RANGE 14 EAST, MOUNT DIABLO MERIDIAN
CITY OF MERCED, COUNTY OF MERCED, STATE OF CALIFORNIA
MARCH 2024



LINE DATA TABLE

LINE	BEARING	DISTANCE
L1	N45°17'18"E	21.21'
L2	N44°42'42"W	21.21'
L3	N3°01'25"E	45.05'
L4	N07°17'18"E	70.06'
L5	N89°41'53"E	65.37'
L6	N46°12'39"E	20.65'
L7	S89°41'53"W	59.10'
L8	S07°18'23"W	73.69'
L9	S07°25'33"W	37.00'

CURVE DATA TABLE

CURVE	DELTA	RADIUS	LENGTH
C21	2°10'33"	270.50'	10.27'
C22	9°19'10"	270.50'	45.57'
C23	0°43'32"	270.50'	3.43'
C24	12°33'14"	270.50'	59.27'
C25	3°04'42"	270.50'	14.53'
C26	15°39'01"	300.00'	81.94'
C27	12°55'01"	300.00'	67.63'
C28	2°42'35"	300.00'	14.22'

CURVE DATA TABLE

CURVE	DELTA	RADIUS	LENGTH
C11	41°25'33"	49.00'	35.43'
C12	48°34'36"	49.00'	41.54'
C13	41°25'25"	49.00'	35.43'
C14	63°03'27"	49.00'	53.93'
C15	25°32'22"	49.00'	220.25'
C16	38°46'14"	39.50'	26.73'
C17	1°32'08"	329.50'	8.83'
C18	7°52'01"	329.50'	45.24'
C19	61°45'33"	329.50'	35.93'
C20	15°39'01"	329.50'	90.00'

CURVE DATA TABLE

CURVE	DELTA	RADIUS	LENGTH
C1	9°39'27"	329.50'	55.54'
C2	3°33'26"	329.50'	20.46'
C3	1°32'53"	329.50'	76.00'
C4	5°27'57"	270.50'	25.80'
C5	9°35'07"	270.50'	45.25'
C6	0°35'57"	270.50'	2.83'
C7	15°39'01"	270.50'	73.69'
C8	38°46'14"	39.50'	26.73'
C9	2°49'41"	49.00'	2.42'
C10	60°13'45"	49.00'	51.51'

