

D & M ENGINEERING
ATTN: DURAN THOMPSON
1020 EAST GILBERT DRIVE,
SUITE D
TEMPE, AZ 85281
(480) 350-9590

BRIGHTON BROKERAGE & DEVELOPMENT LLC
753 N. 39th CIR.
MESA, AZ 85205
CONTACT: JAREN SWEENEY
PHONE: (602) 679-3942

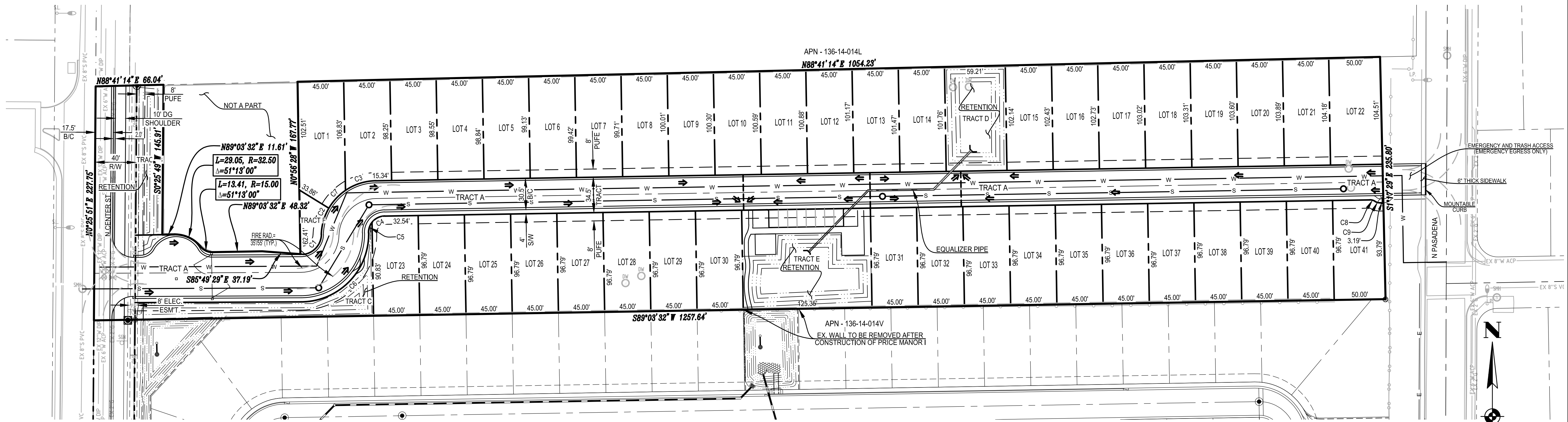
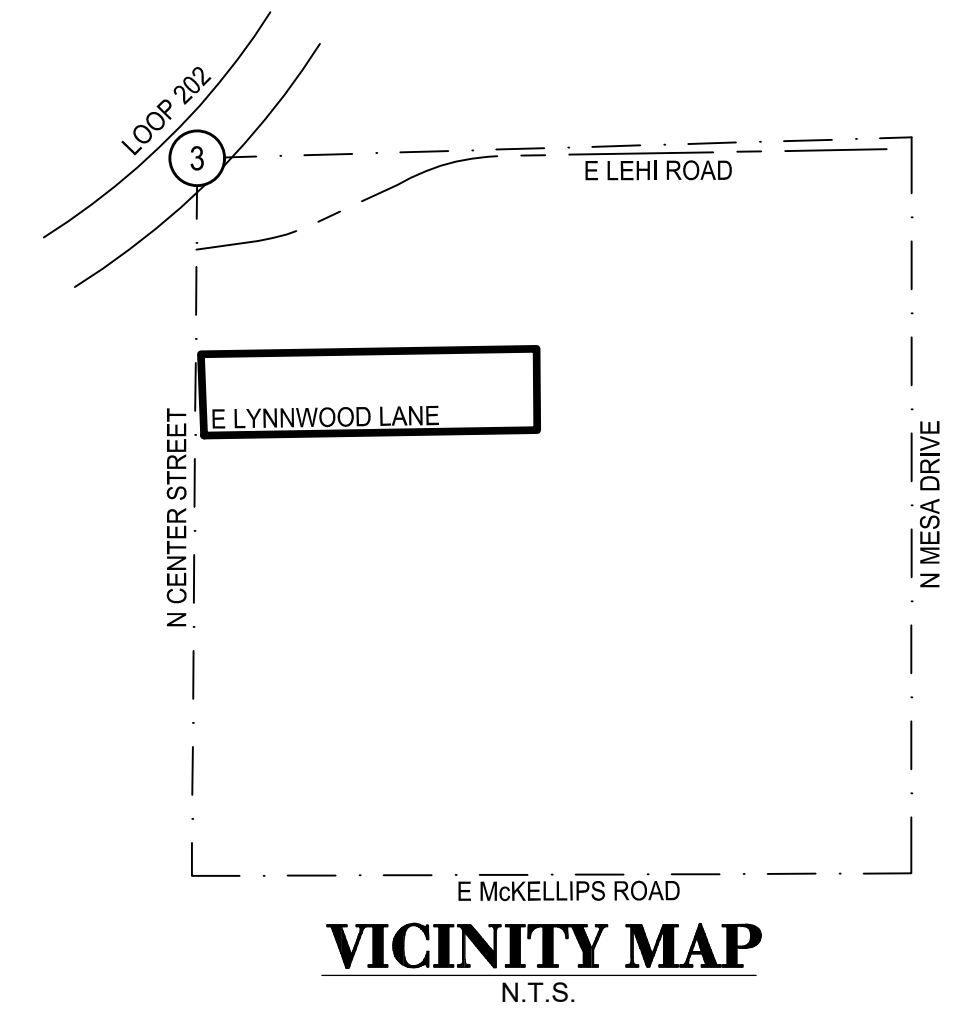
GROSS AREA: 6.18 AC(TO CENTERLINE)
NET AREA: 5.98 AC(TO RIGHT OF WAY)
PROPOSED LOTS: 41
EXISTING ZONING: RS-9 PAD
DENSITY(GROSS): 6.6 D.U./AC.
DENSITY(NET): 7.0 D.U./AC.

PARCEL 1:
LOTS 3 THROUGH 18 AND TRACTS "A" THROUGH "E", PASADENA
ESTATES, ACCORDING TO THE PLAT OF RECORD IN THE OFFICE
OF THE COUNTY RECORDER OF MARICOPA COUNTY, ARIZONA
RECORDED IN BOOK 947 OF MAPS, PAGE 18.

CURVE TABLE			
CURVE #	RADIUS	LENGTH	DELTA
C1	20.00'	27.76'	79°31'52"
C2	54.00'	27.05'	28°42'17"
C3	54.00'	31.40'	33°18'41"
C4	16.00'	14.28'	51°07'08"
C5	16.00'	10.88'	38°57'05"
C6	66.00'	104.52'	90°44'08"
C7	54.00'	23.89'	25°21'03"
C8	9.02'	5.27'	33°29'15"
C9	9.02'	5.28'	33°32'30"

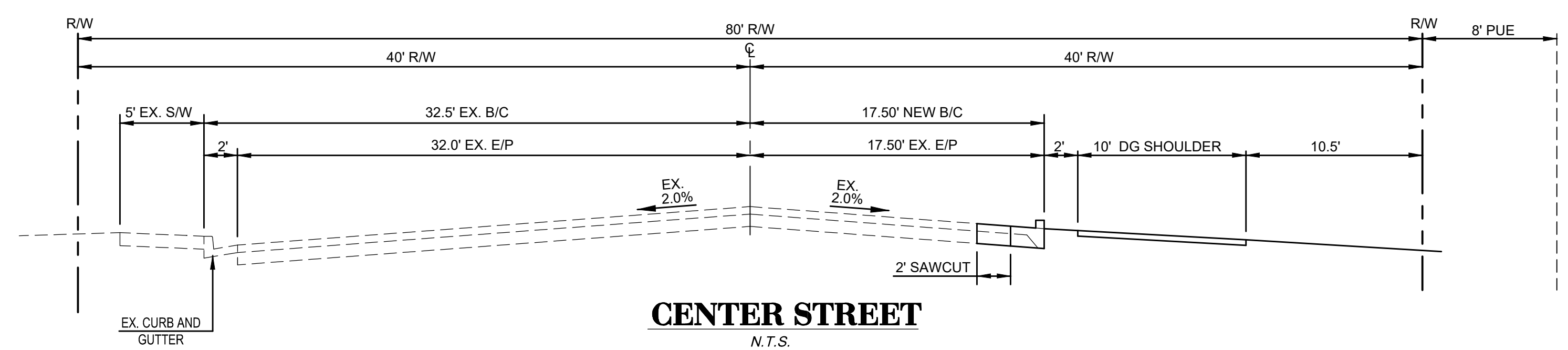
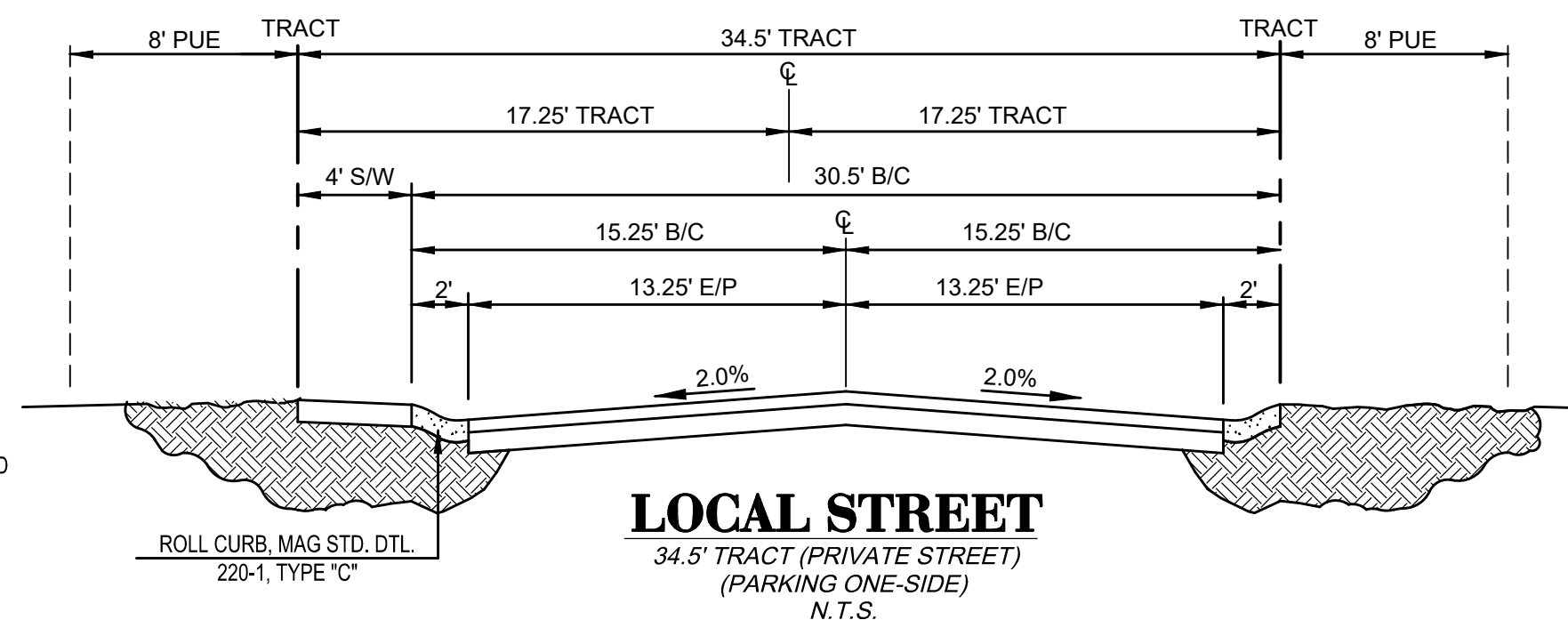
LOCATED IN A PORTION OF SECTION 3, TOWNSHIP 1 NORTH, RANGE 5 EAST
OF THE GILA & SALT RIVER BASE & MERIDIAN, MARICOPA COUNTY, ARIZONA.

NOTE: THESE DRAWINGS ARE INSTRUMENTS OF SERVICE AND SHALL REMAIN THE PROPERTY OF D & M ENGINEERING. ANY UNAUTHORIZED REPRODUCTIONS, REVISIONS, ADDITIONS, OR ALTERATIONS OF THESE DRAWINGS IS STRICTLY PROHIBITED, AND WILL BE CONSIDERED TO BE IN VIOLATION OF ARIZONA STATE TECHNICAL BOARD, CODE 32-125 AND 32-142.



RETENTION CALCULATIONS
RETENTION REQUIRED:
 $A \times I \times C / 12$
 $A=286,051 \text{ S.F.}$
 $I=2.17'' \text{ (NOAA ATLAS 14)}$
 $C=0.72$
 $289,431 \times 2.17 \times 0.72 / 12=35,080 \text{ C.F.}$
RETENTION REQUIRED:
 35,080 C.F.
RETENTION PROVIDED:
 36,834 C.F.

	SUBDIVISION CORNER, MONUMENT AS NOTED
=====	BOUNDARY LINE
-----	PROPERTY LINE
-----	ADJACENT RIGHT OF WAY LINE
-----	CENTERLINE
-----	EASEMENT LINE, AS NOTED
-----	ADJACENT PROPERTY LINE
RW	RIGHT OF WAY
M.C.R.	MARICOPA COUNTY RECORDER
P.U.F.E.	PUBLIC UTILITY AND FACILITY EASEMENT
-----	GRADE BREAK
	DIRECTION OF FLOW
E/P	EDGE OF PAVEMENT
DG	DECOMPOSED GRANITE



GRAPHIC SCALE
-25 0 25 50 100

(IN FEET)
1 INCH = 50 FT

Call at least two full working days
before you begin excavation.

ARIZONA811
Arizona Blue Stake, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-5348)
In Maricopa County: (602) 263-1100



MESA, ARIZONA 85201

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DESCRIPT

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No.	DATE
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TITLE PRE-GRADING & DRAINAGE

SHEET
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