

# **EXISTING CONDITIONS**

### DRAINAGE INFORMATION

THE EXISTING BUILDING DRAINS TO THE STREET. THERE ARE DROP INLET IN BOTH RICE AND DURANES. THE DROP INLET ON RICE IS A CURB INLET TYPE "C". THE INLET ON DURANES IS A DOUBLE "D". DURANES ROAD HAS AN INVERTED CROWN SO THE DOUBLE "D" INLET IS LOCATED IN THE CENTER OF THE ROAD. RICE ROAD HAS A NORMAL CROWN SECTION AND THE STORM WATER ON RICE IS COLLECTED IN A CURB INLET. NO STORM WATER IS PONDED ON SITE. THE EXISTING BUILDING HAS A GABLE ROOF ON THE MAIN PORTION AND STORM WATER DRAINS MORE OR LESS EQUALLY TO BOTH STREETS.

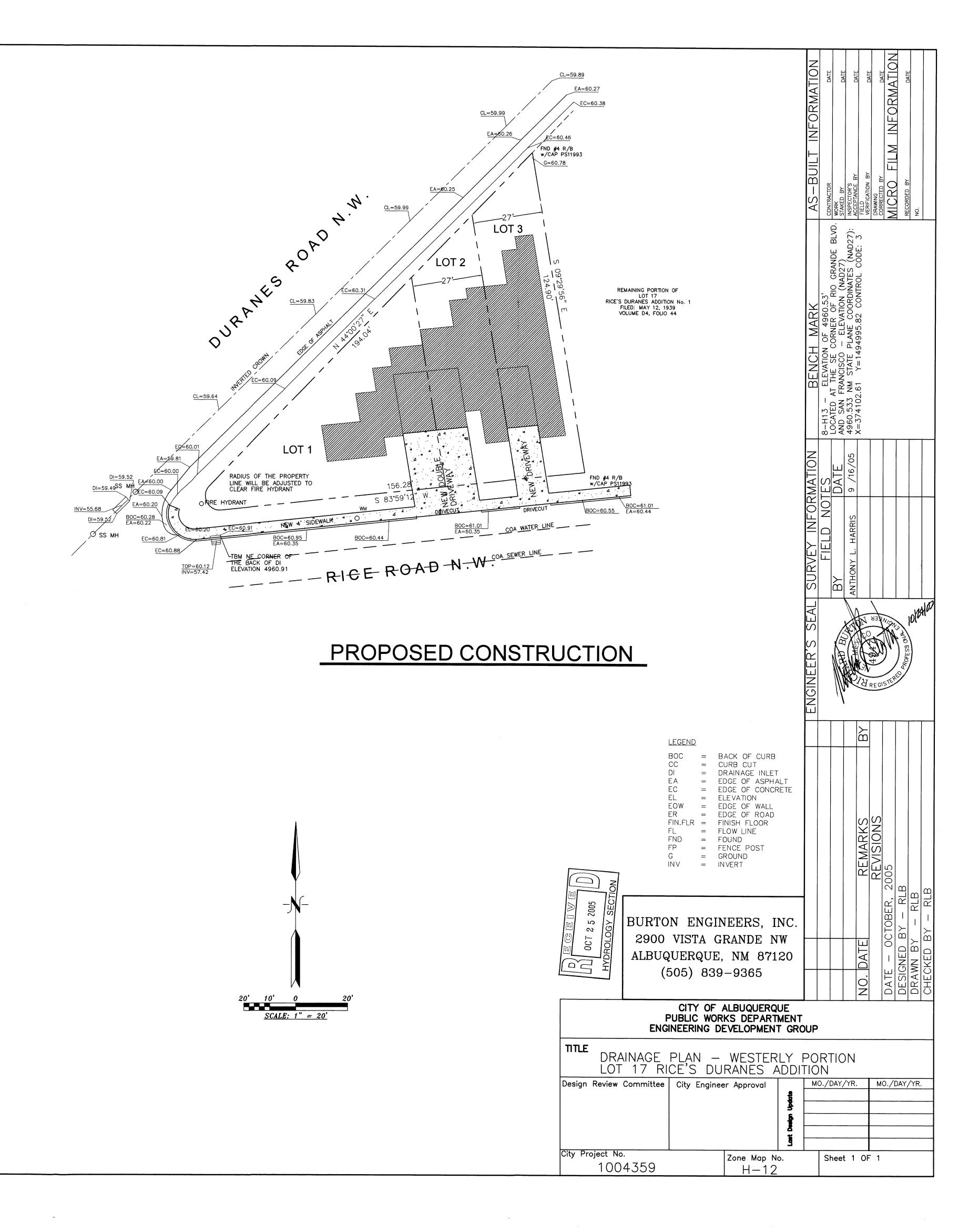
THE PROPOSED STRUCTURE IS THE SAME AREA AS THE EXISTING STRUCTURE AND WILL CONTRIBUTE THE SAME VOLUME OF STORM WATER TO THE SYSTEM AS THE EXISTING STRUCTURE.

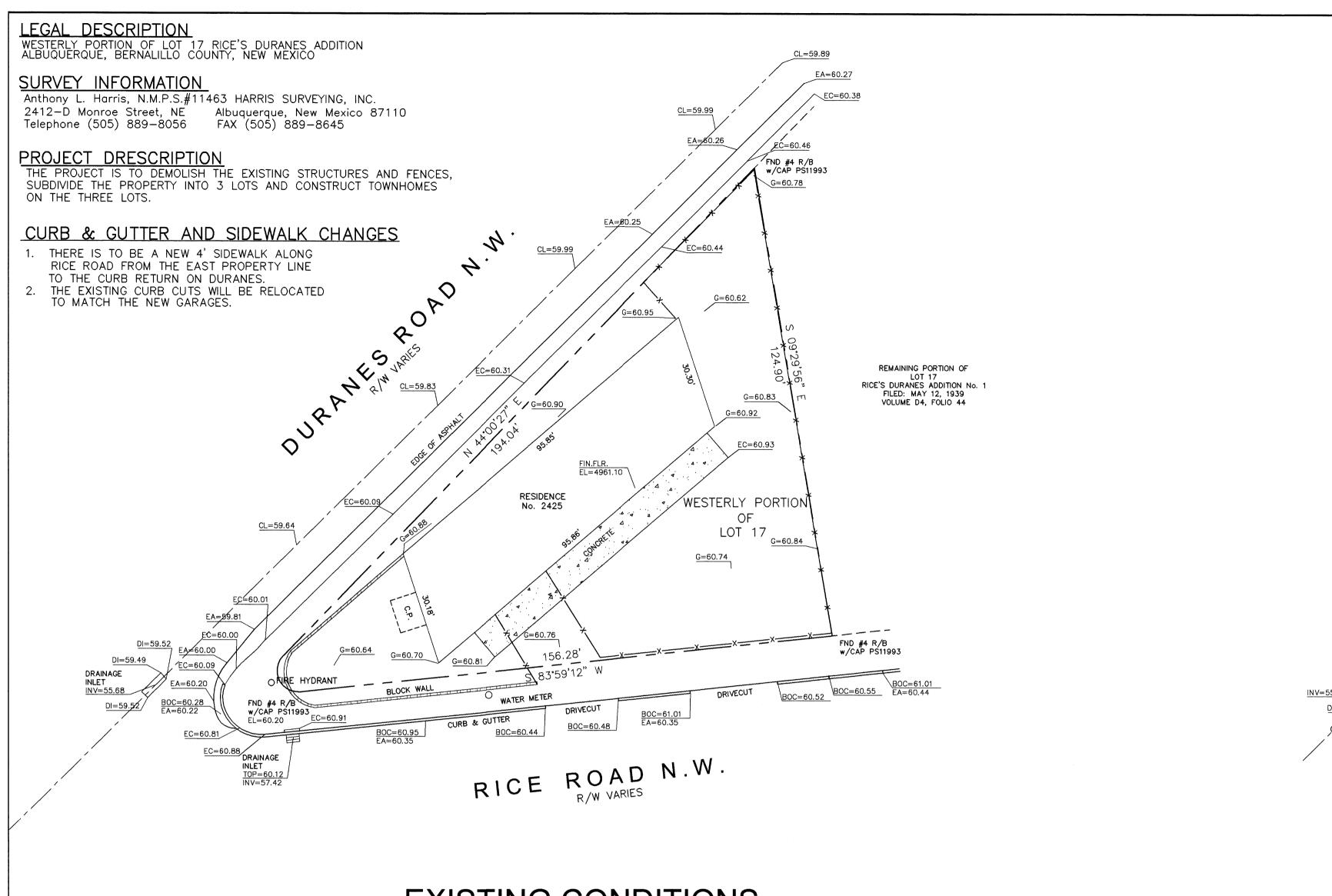
THE SITE IS IN FLOOD ZONE X (500 YR).

PEAK RUNOFF — CITY OF ALBUQUERQUE DPM, SECTION 22.2 HYDROLOGY, JANUARY 1993 PRECIPITATION ZONE 2
DESIGN STORM — 100 YEAR

<u>AND</u>	TREATMENT	DESCRIPTION	SQ. FT.	ACRE	
	B D D	LANDSCAPED AREAS PARKING/DRIVEWAYS ROOF AREAS	5432 570 3740	0.1247 0.0131 0.0989	
	TOTALS		9742	0.2237	

PEAK DISCHARGE -(0.1247)(2.28) + (0.112)(4.70) = 0.284 + 0.526 = 0.810 CFS





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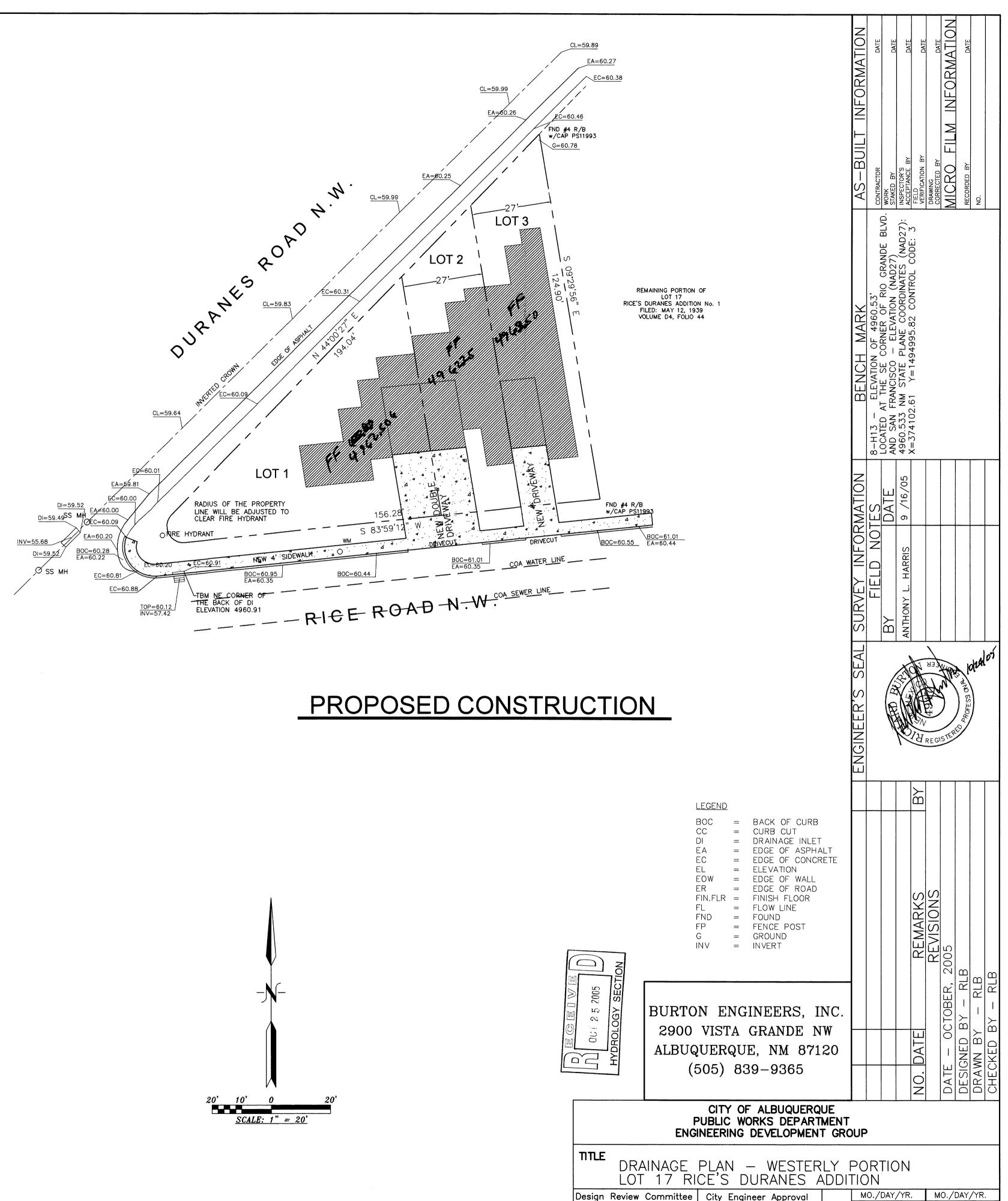
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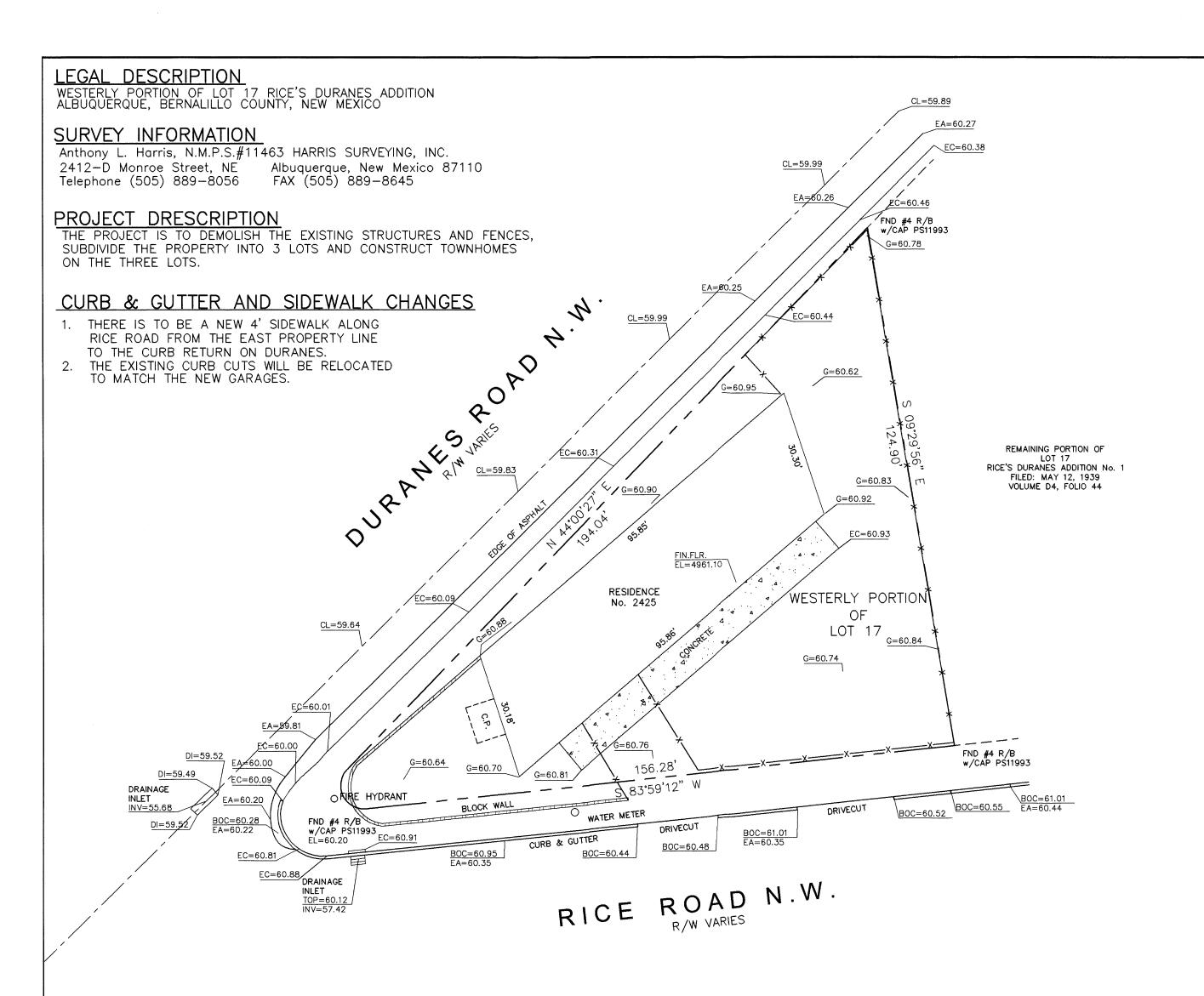
City Project No.

1004359

Sheet 1 OF 1

Zone Map No.

H - 12



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