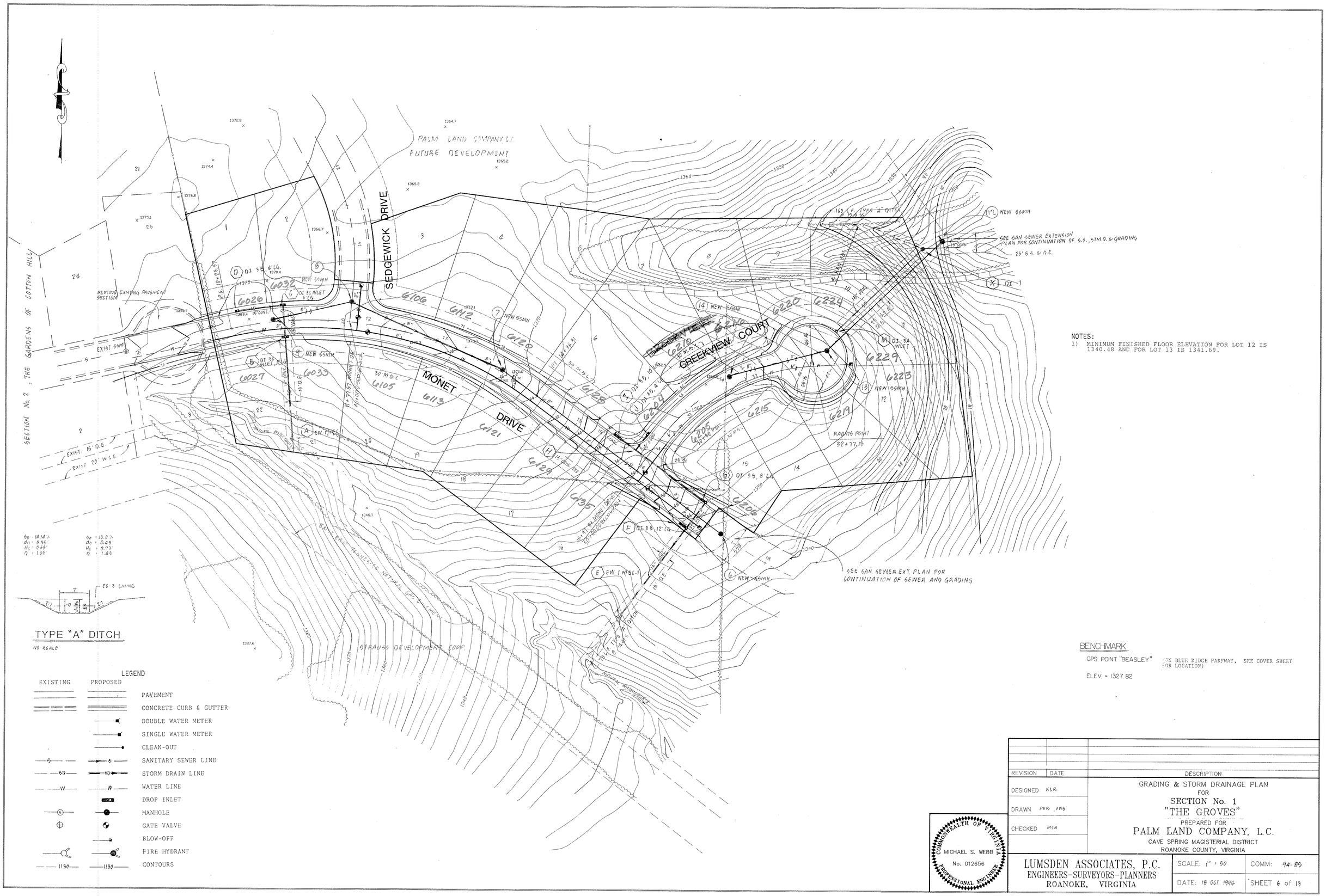

S_D = 16.14 %
d_n = 0.96'
H_c = 0.68'
Q = 1.09'

S_D = 15.8 %
d_n = 0.98'
H_c = 0.97'
Q = 1.45

TYPE "A" DITCH

NO SCALE

NOTES:

1) MINIMUM FINISHED FLOOR ELEVATION FOR LOT 12 IS 1340.48 AND FOR LOT 13 IS 1341.69.

BENCHMARK

GPS POINT "BEASLEY" (ON BLUE RIDGE PARKWAY, SEE COVER SHEET FOR LOCATION)

ELEV. = 1327.82

LEGEND

EXISTING	PROPOSED	
		PAVEMENT
		CONCRETE CURB & GUTTER
		DOUBLE WATER METER
		SINGLE WATER METER
		CLEAN-OUT
—S—	—S—	SANITARY SEWER LINE
—SD—	—SD—	STORM DRAIN LINE
—W—	—W—	WATER LINE
		DROP INLET
		MANHOLE
		GATE VALVE
		BLOW-OFF
		FIRE HYDRANT
1130	1130	CONTOURS

REVISION	DATE	DESCRIPTION

DESIGNED KLR

DRAWN PWR, VWB

CHECKED MSW

GRADING & STORM DRAINAGE PLAN
FOR
SECTION No. 1
"THE GROVES"
PREPARED FOR
PALM LAND COMPANY, L.C.
CAVE SPRING MAGISTERIAL DISTRICT
ROANOKE COUNTY, VIRGINIA

COMMONWEALTH OF VIRGINIA
MICHAEL S. WEBB
No. 012656
PROFESSIONAL ENGINEER

LUMSDEN ASSOCIATES, P.C.
ENGINEERS-SURVEYORS-PLANNERS
ROANOKE, VIRGINIA

SCALE: 1" = 50

COMM: 94-85

DATE: 18 OCT. 1994

SHEET 6 of 13

RC-5686