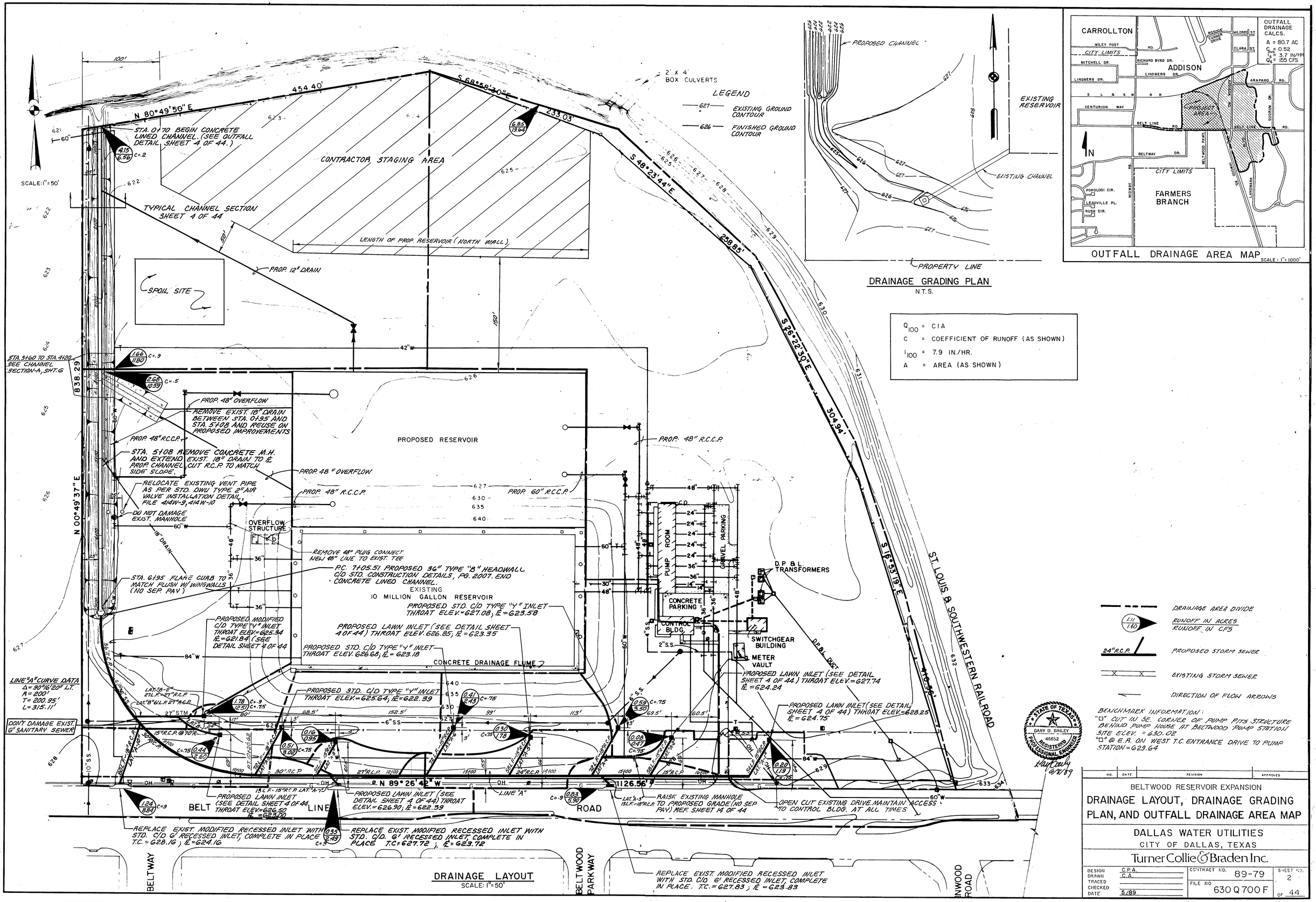

DRAINAGE GRADING PLAN
N.T.S.

OUTFALL DRAINAGE AREA MAP
SCALE: 1"=1000'

$Q_{100} = CIA$

C = COEFFICIENT OF RUNOFF (AS SHOWN)

I_{100} = 7.9 IN./HR.

A = AREA (AS SHOWN)

DRAINAGE AREA DIVIDE

1.11 / 1.40 RUNOFF IN ACRES / RUNOFF IN CFS

24" R.C.P. PROPOSED STORM SEWER

EXISTING STORM SEWER

DIRECTION OF FLOW ARROWS

BENCHMARK INFORMATION:
"□" CUT IN SE. CORNER OF PUMP PITS STRUCTURE BEHIND PUMP HOUSE AT BELTWOOD PUMP STATION SITE ELEV. = 630.02
"□" @ E.R. ON WEST T.C. ENTRANCE DRIVE TO PUMP STATION = 629.64

STATE OF TEXAS
GARY D. BAILEY
46652
REGISTERED PROFESSIONAL ENGINEER
6/8/89

NO.	DATE	REVISION	APPROVED

BELTWOOD RESERVOIR EXPANSION

DRAINAGE LAYOUT, DRAINAGE GRADING PLAN, AND OUTFALL DRAINAGE AREA MAP

DALLAS WATER UTILITIES
CITY OF DALLAS, TEXAS

Turner Collie & Braden Inc.

DESIGN	C.P.A.
DRAWN	C.A.
TRACED	
CHECKED	
DATE	5/89
CONTRACT NO.	89-79
FILE NO.	630 Q 700 F
SHEET NO.	2 OF 44