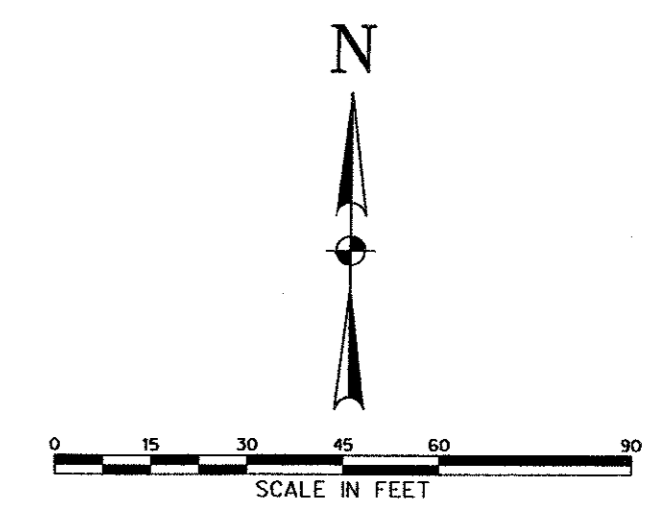
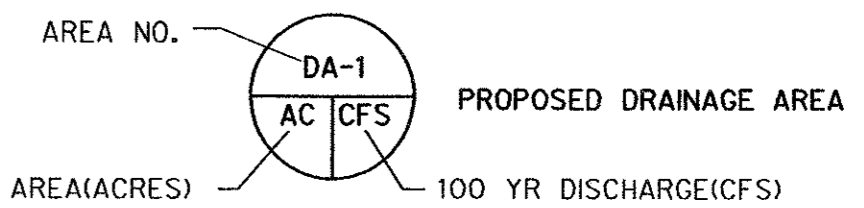


SOUTHERN PACIFIC RAILROAD
(100' R.O.W.)



- LEGEND**
- 8" SS EXIST. SANITARY SEWER
 - 12" W EXIST. WATER
 - RCP EXIST. STORM SEWER
 - OVERHEAD ELECTRIC
 - PROPOSED SANITARY SEWER
 - 6" W PROPOSED WATER
 - 12" RCP PROPOSED STORM SEWER
 - PROPERTY LINE
 - EASEMENT LINE
 - PROPOSED DRAINAGE DIVIDE

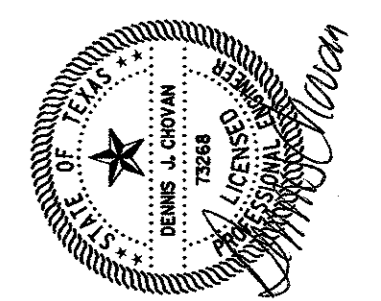


$Q_{100} = C \cdot I \cdot A$
 Q_{100} (100 YR DISCHARGE) = CFS
 C = (RUNOFF COEFFICIENT) = 0.9
 I = (RAINFALL INTENSITY) = 8.74 IN/HR
 A = (AREA) = ACRES
 T_c = (TIME OF CONCENTRATION) = 10 MIN.

BELT LINE - MARSH BUSINESS PARK
LOT 1, BLOCK 1
VOL. 83042, PG. 425
D.R.D.C.T.

TEXAS POWER & LIGHT CO.
VOL. 80006, PG. 489
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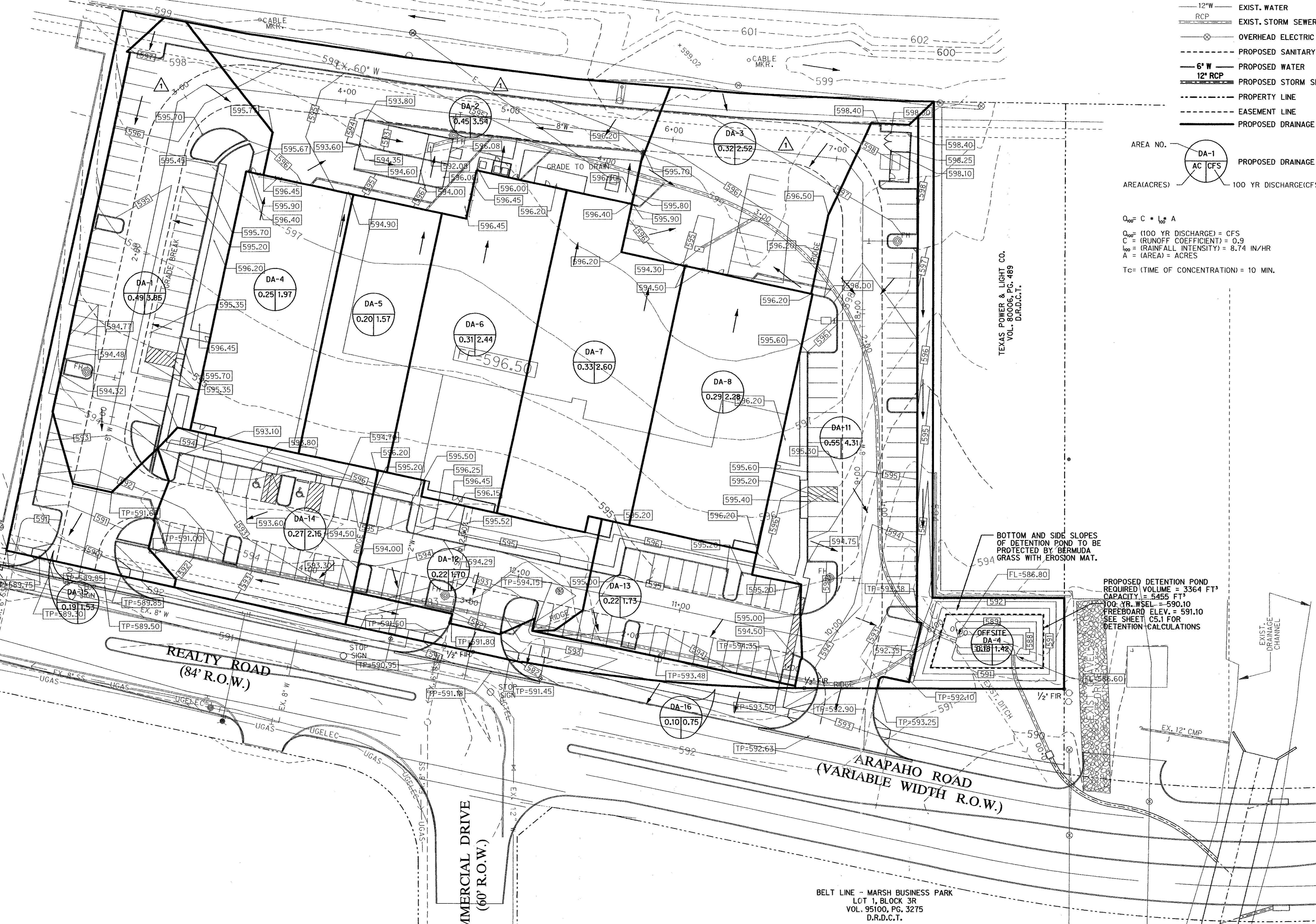


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 806 NORTHWEST PLAZA DRIVE
 DALLAS, TEXAS 75225
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 FAX (214) 739-0065

Project No: AVO # 20079
 Issued: 08/13/02

Rev.	Date	Description
1	06/02/02	GRADE CHANGE AT NORTH SIDE OF BLDG.
2	6/20/2002	AS PER SITE CHANGES

Drawn by: DD
 Checked by: DJC
 Sheet Title: DRAINAGE AREA MAP
 Sheet Number: C3.1



BOTTOM AND SIDE SLOPES OF DETENTION POND TO BE PROTECTED BY BERMUDA GRASS WITH EROSION MAT.

PROPOSED DETENTION POND
 REQUIRED VOLUME = 3364 FT³
 CAPACITY = 5455 FT³
 100 YR. WSEL = 590.10
 FREEBOARD ELEV. = 591.10
 SEE SHEET C5.1 FOR DETENTION CALCULATIONS

BELT LINE - MARSH BUSINESS PARK
LOT 1, BLOCK 3R
VOL. 95100, PG. 3275
D.R.D.C.T.

"AS-BUILT PLAN BASED ON CONTRACTOR'S RECORD DRAWINGS"