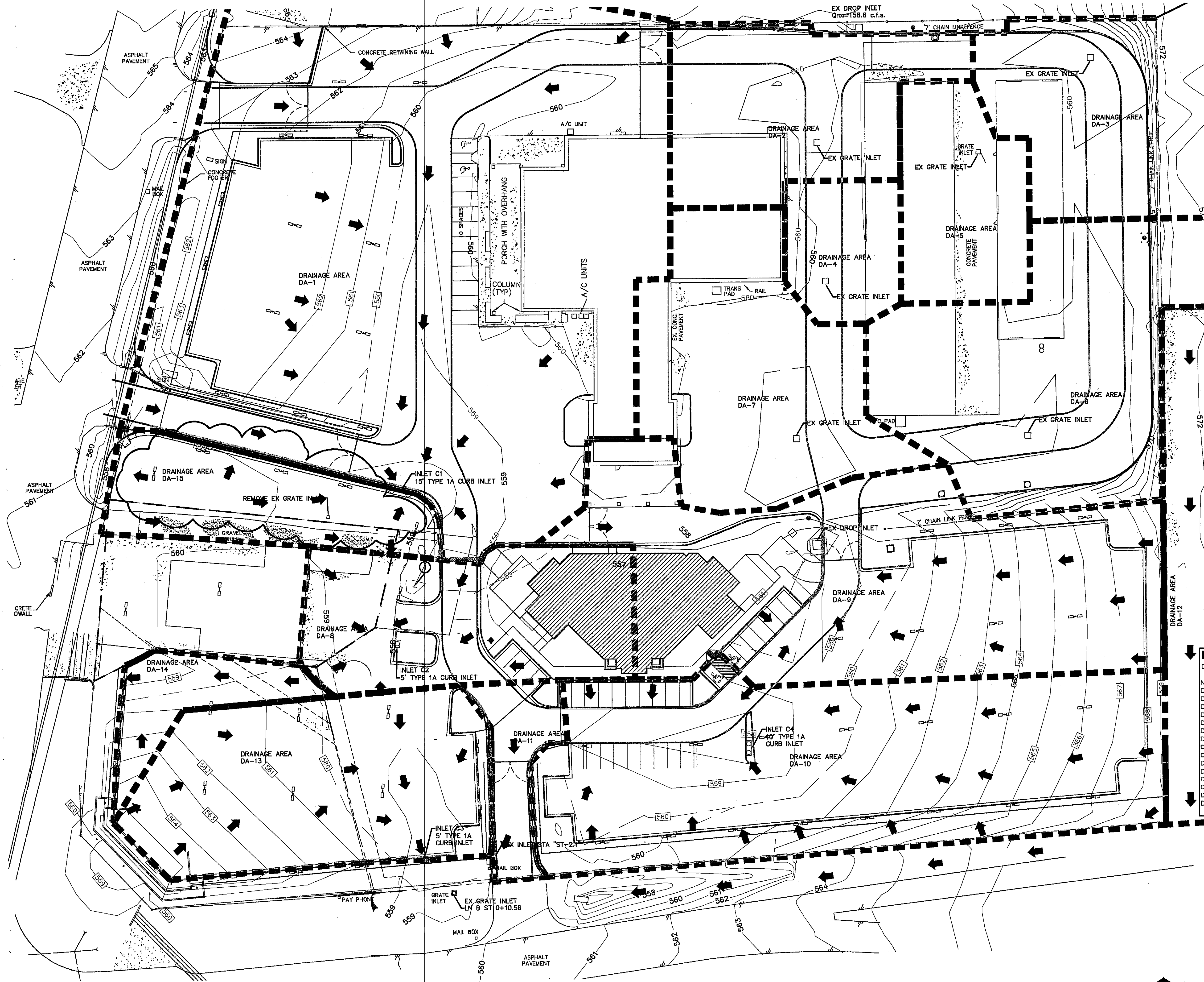


M:\LAKESIDE\LAKESIDE CHEVROLET - ROCKWALL, TEXAS\Sheets\C5 SITE STORM WATER DRAINAGE PLAN.dwg, C5 SITE STORM WATER DRAINAGE PLAN, 10/24/2006 1:15:30 PM, s:\e\stevenson\station 11.spc

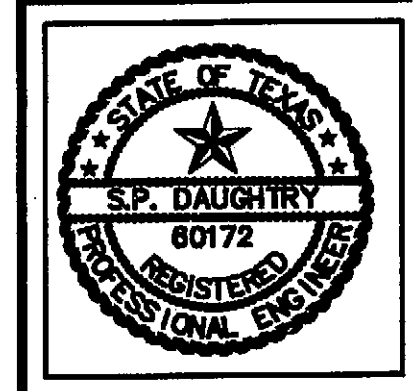


- GENERAL NOTES:**  
 REFER TO KEYED NOTES FOR SPECIFIC PLAN INFORMATION
1. DRAINAGE AREA BORDER
  2. REFER TO SHEET-C1 FOR SITE DEMOLITION PLAN.
  3. REFER TO SHEET-C2 FOR SITE IMPROVEMENT PLAN.
  4. REFER TO SHEET-C3 FOR SITE EASEMENT ADDITIONS & ABANDONMENTS.
  5. REFER TO SHEET-C5 FOR SITE GRADING PLAN.
  6. REFER TO SHEET-C6 FOR SITE STORM & SEWER PLAN.
  7. REFER TO SHEET-C7 FOR SITE STORM WATER SYSTEM CALCULATION AND DETAILS.
  8. REFER TO SHEET-C8 FOR STORM WATER SEWER SYSTEM PROFILES.
  9. REFER TO SHEET-C9 FOR FORE SITE WATER & WASTE WATER DETAILS.
  10. REFER TO SHEET-C10 FOR STORM WATER PROTECTION SITE PLAN.
  11. REFER TO SHEET-C11 FOR STORM WATER PROTECTION DETAILS.
  12. DRAINAGE AREA 12 IS CURRENTLY DRAINING DOWN GUTTER TO SOUTH ON ADJACENT PROPERTY. DISCHARGES INTO R.O.W. AND FLOWS TO EX GRATE INLET LOCATED TO ADJACENT SOUTH APPROACH OF LAKESIDE CHEVROLET ON I-30.

**NOTES:**  
 KEYED NOTES DESIGNATED BY:   
 ① CITY OF ROCKWALL LIFT STATION.

**DRAINAGE CALCULATIONS**

DRAINAGE AREA	COEF OF RUNOFF	INTENSITY	AREA	RUN-OFF
NAME	C	I	A(ft) A (acres)	Q100
DA-1	0.9	9.8	104124	2.39 21.08
DA-2	0.9	9.8	19144	0.44 3.88
DA-3	0.9	9.8	65833	1.51 13.33
DA-4	0.9	9.8	7041	0.16 1.43
DA-5	0.9	9.8	12006	0.28 2.43
DA-6	0.9	9.8	43586	1.00 8.83
DA-7	0.9	9.8	25730	0.59 5.21
DA-8	0.9	9.8	36402	0.84 7.37
DA-9	0.9	9.8	47389	1.09 9.60
DA-10	0.9	9.8	49364	1.13 10.00
DA-11	0.9	9.8	5136	0.12 1.04
DA-12	0.9	9.8	61888	1.42 12.53
DA-13	0.9	9.8	26595	0.61 5.38
DA-14	0.9	9.8	6027	0.14 1.22
DA-15	0.9	9.8	12634	0.29 2.55
				105.89 CFS



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY STEVEN P. DAUGHTRY, P.E. 60172

**ASSOCIATED ENGINEERS**  
 ARCHITECTURAL ENGINEERING  
 STRUCTURAL MECHANICAL ELECTRICAL  
 LUBBOCK, TEXAS 79403  
 (806) 745-1103  
 (806) 745-1225

**Architectural Resources**  
 2525 74TH ST., SUITE 200  
 LUBBOCK, TX 79423  
 BBS/FAX (806) 745-1225  
 (806) 745-1103

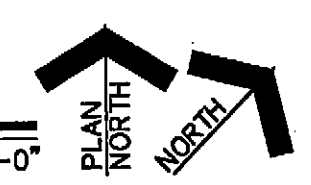
**SITE STORM WATER DRAINAGE PLAN**  
**PARKING LOT IMPROVEMENTS TO LAKESIDE CHEVROLET**  
 ROCKWALL, TEXAS

PROJECT NO: P05-0101  
 DATE: 10/24/2006  
 DRW BY: SPD CHK BY: SPD  
 REVISIONS:  
 10-24-06

SHEET NO.  
**C5**  
 OF 12

**SITE DRAINAGE PLAN**

SCALE: 1" = 30'-0"



**PROJECT RECORD**