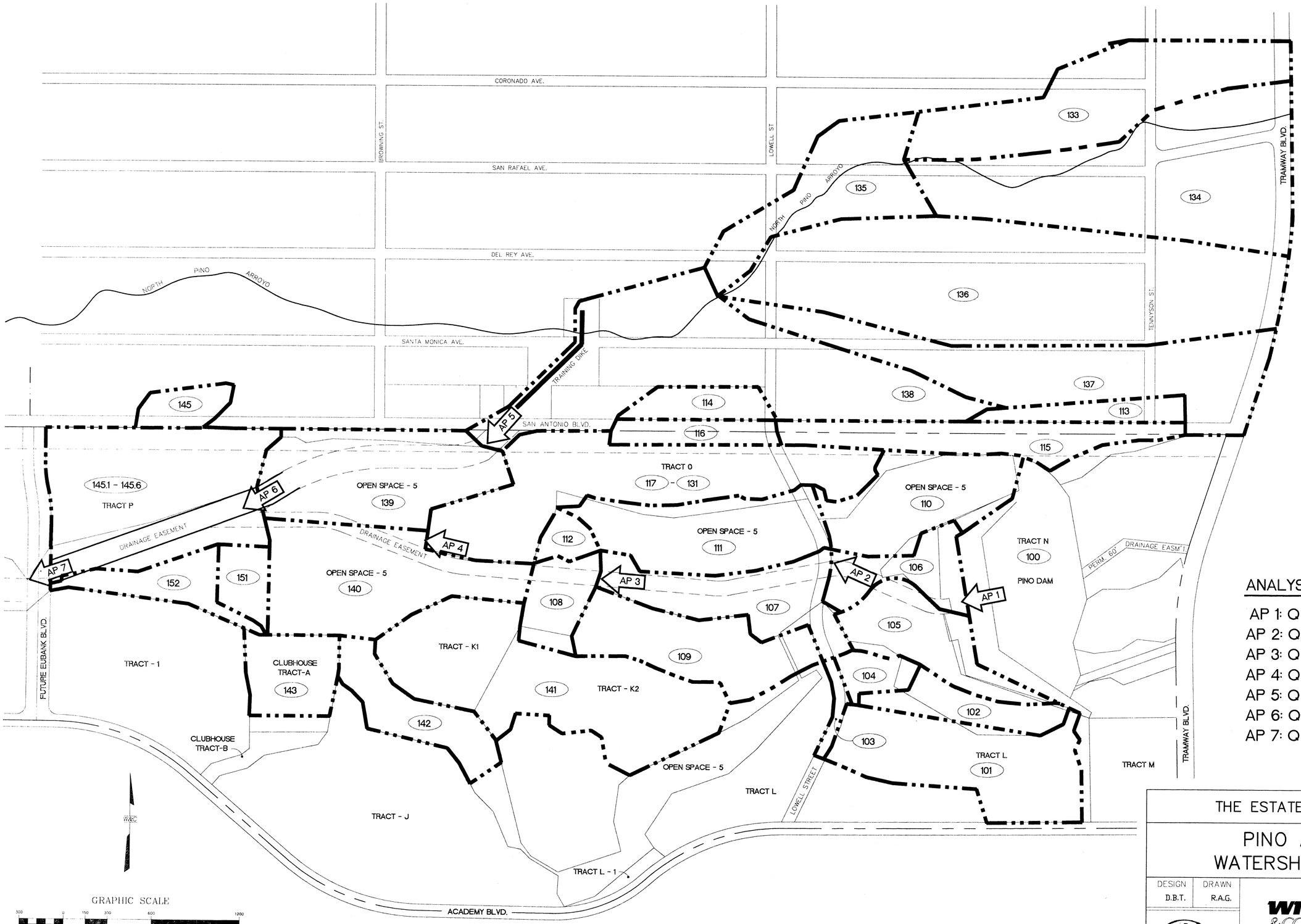


ANALYSIS POINT SUMMARY

AP 1: Q = 200 CFS
AP 2: Q = 336 CFS
AP 3: Q = 367 CFS
AP 4: Q = 270 CFS
AP 5: Q = 576 CFS
AP 6: Q = 1226 CFS
AP 7: Q = 1404 CFS

THE ESTATES AT TANOAN

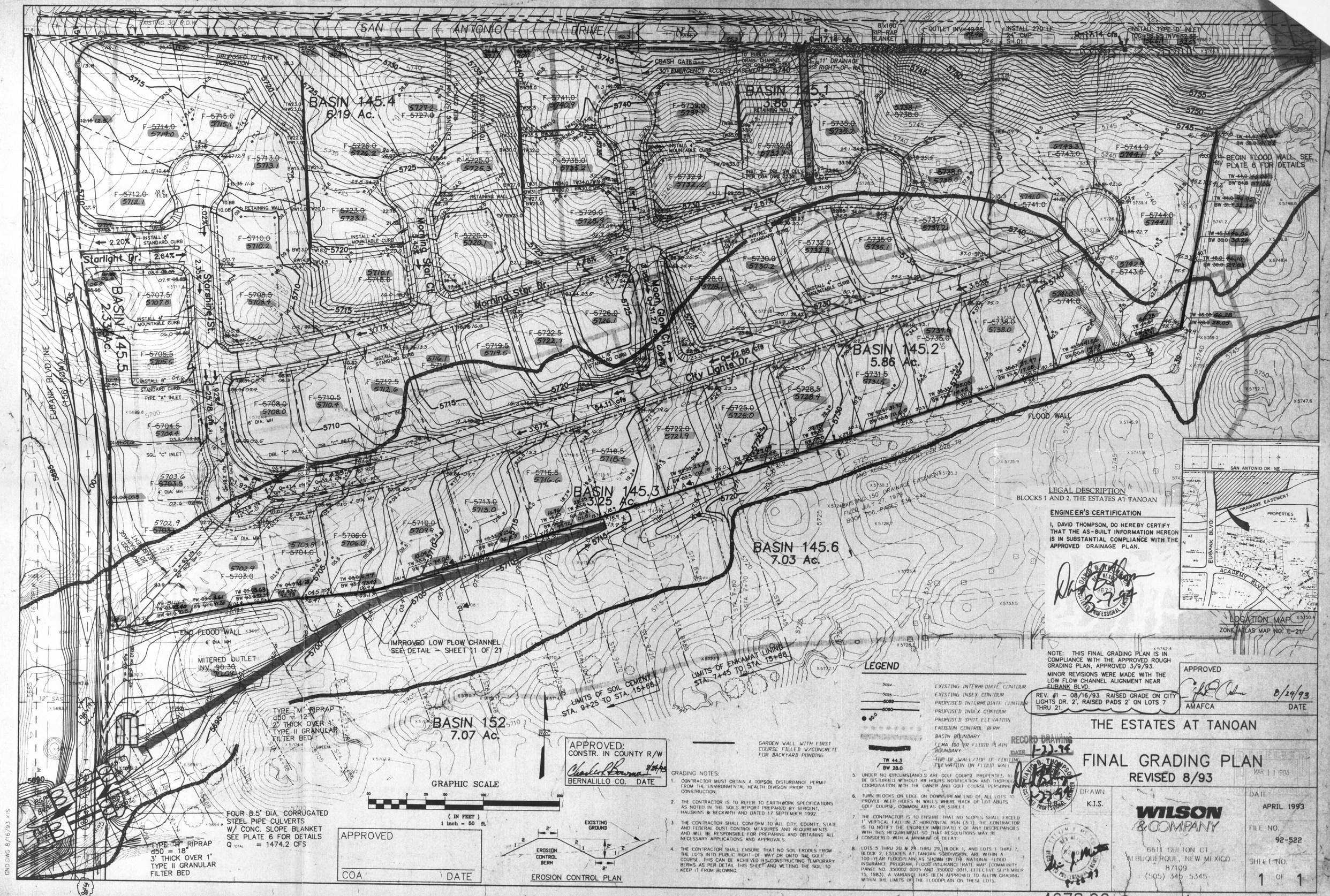
PINO ARROYO WATERSHED BASINS

DESIGN	DRAWN		DATE
D.B.T.	R.A.G.	WILSON & COMPANY	FEB. 1993
		6611 GULTON CT ALBUQUERQUE, NEW MEXICO 87109 (505) 345-5345	FILE NO. 92-522
			SHEET NO. 1 OF 1

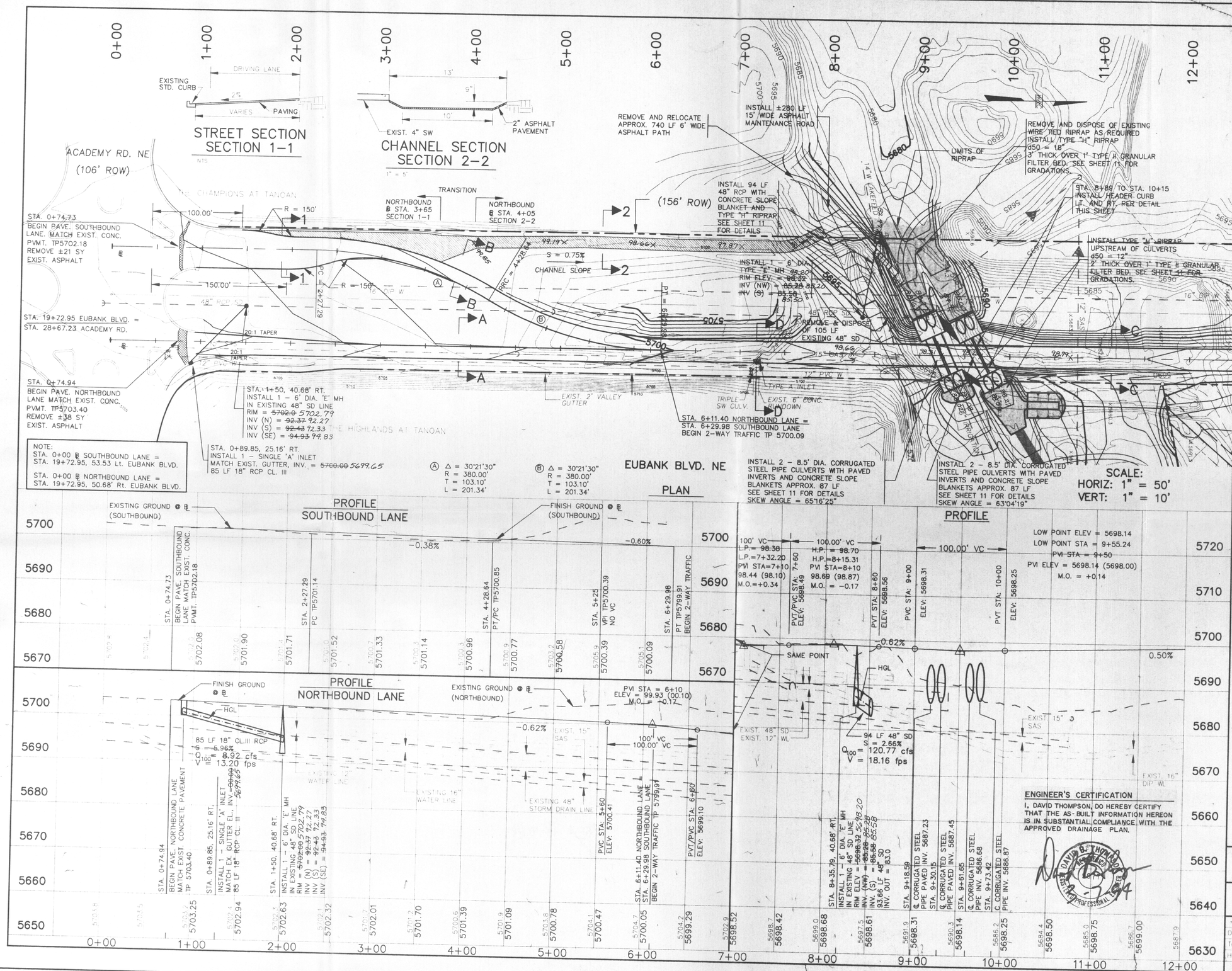
DAVID B. THOMPSON 6877 PROFESSIONAL ENGINEER 2-18-93 3-1-93

BASIN.DWG 2\17\93 KIS

PLATE 1



4678.90 PLATE 3 4 OF 6 (REV.) 4A OF 21



AS-BUILT INFORMATION

CONTRACTOR	DATE
REVIEWED BY	
INSPECTOR'S RECOMMENDATIONS	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

ACS 3 1/4" ALUMINUM CAP STAMPED "8-E21 1985", LOCATED ON THE NORTH SIDE OF ACADEMY BLVD. APPROXIMATELY 375 FEET EAST OF THE INTERSECTION OF EUBANK BLVD. N.E. AND ACADEMY BLVD.
N.E.
ELEVATION = 5702.26 FT. (SLD 1929)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS REVISIONS	BY

WILSON & COMPANY, ENGINEERS & ARCHITECTS

DESIGNED BY DB DATE OCT 92
DRAWN BY JS DATE OCT 92
CHECKED BY DB DATE OCT 92

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT MAR 11 1994
ENGINEERING GROUP

THE ESTATES AT TANOAN
PAVING & STORM DRAIN PLAN & PROFILE
TEMPORARY/INTERIM EUBANK BLVD.

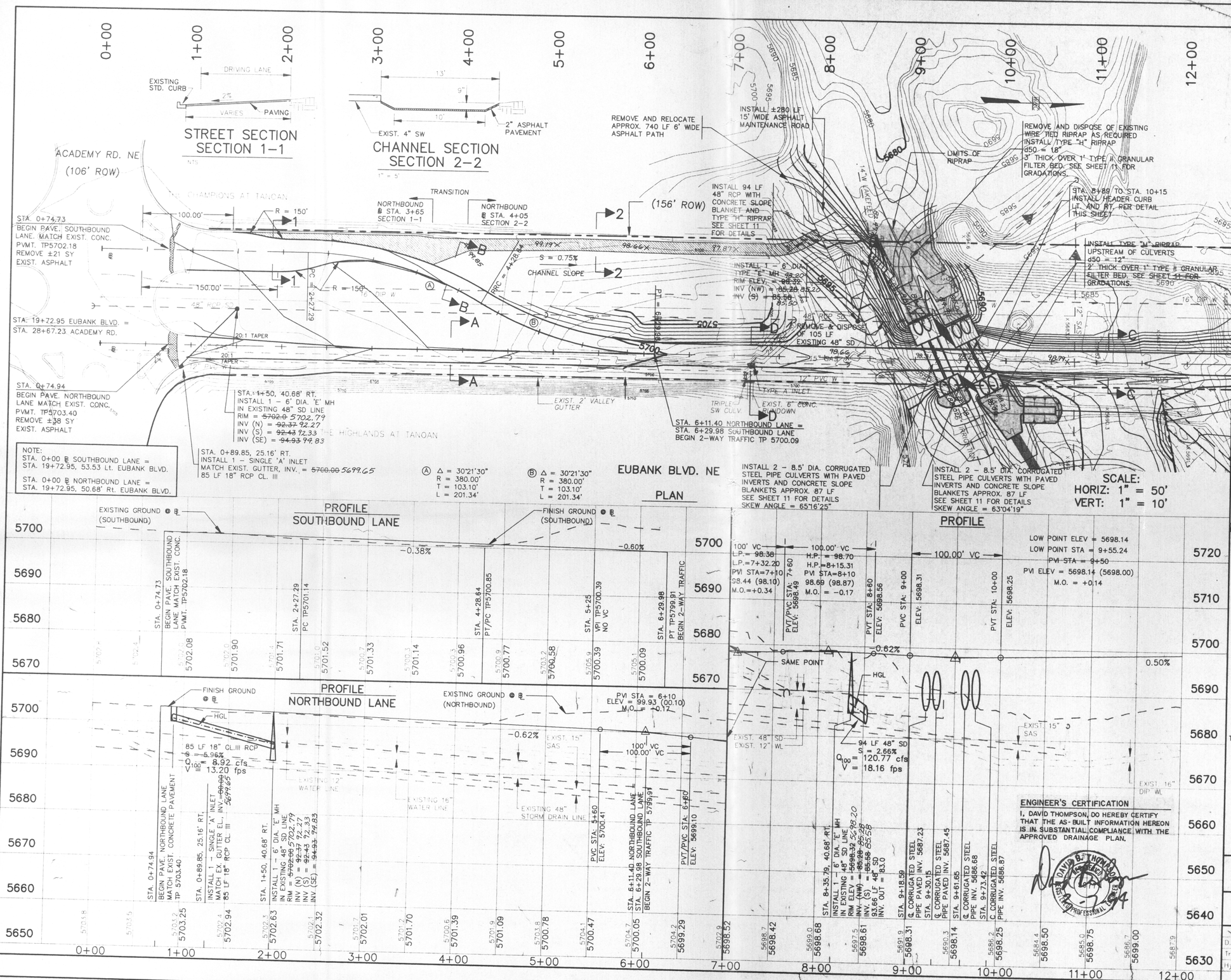
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair		6-23-93	Water	N/A	RWK 6-15-93
Transportation		6-11-93	Waste Water	N/A	RWK 6-15-93
Hydrology		6-12-93			

DRAWING NO.	MAP NO.	SHEET	OF
4678.90	E-21	5	21

WCEA #92-522
APRIL 1993

WILSON & COMPANY

EPNPLDWG 6/09/93 x15


STREET SECTION
SECTION 1–1
CHANNEL SECTION
SECTION 2–2
ACADEMY RD. NE
(106' ROW)
(156' ROW)
EUBANK BLVD. NE
PLAN
PROFILE
SOUTHBOUND LANE
PROFILE
NORTHBOUND LANE
PROFILE
SCALE:
HORIZ: 1" = 50'
VERT: 1" = 10'
REMOVE AND RELOCATE APPROX. 740 LF 6' WIDE ASPHALT PATH
INSTALL ±280 LF 15' WIDE ASPHALT MAINTENANCE ROAD
REMOVE AND DISPOSE OF EXISTING WIRE TIED RIPRAP AS REQUIRED
INSTALL TYPE "H" RIPRAP
d50 = 18"
3' THICK OVER 1' TYPE II GRANULAR FILTER BED. SEE SHEET 11 FOR GRADATIONS.
LIMITS OF RIPRAP
INSTALL 94 LF 48" RCP WITH CONCRETE SLOPE BLANKET AND TYPE "H" RIPRAP SEE SHEET 11 FOR DETAILS
INSTALL TYPE "M" RIPRAP UPSTREAM OF CULVERTS
d50 = 12"
2' THICK OVER 1' TYPE II GRANULAR FILTER BED. SEE SHEET 11 FOR GRADATIONS.
STA. 8+89 TO STA. 10+15 INSTALL HEADER CURB LT. AND RT. PER DETAIL THIS SHEET
INSTALL 1 – 6' DIA. TYPE "E" MH
REMOVE & DISPOSE OF 105 LF EXISTING 48" SD
INSTALL 2 – 8.5' DIA. CORRUGATED STEEL PIPE CULVERTS WITH PAVED INVERTS AND CONCRETE SLOPE BLANKETS APPROX. 87 LF SEE SHEET 11 FOR DETAILS SKEW ANGLE = 63°04'19"
INSTALL 2 – 8.5' DIA. CORRUGATED STEEL PIPE CULVERTS WITH PAVED INVERTS AND CONCRETE SLOPE BLANKETS APPROX. 87 LF SEE SHEET 11 FOR DETAILS SKEW ANGLE = 65°16'25"
STA. 0+74.73 BEGIN PAVE. SOUTHBOUND LANE. MATCH EXIST. CONC. PVMT. TP5702.18 REMOVE ±21 SY EXIST. ASPHALT
STA. 0+74.94 BEGIN PAVE. NORTHBOUND LANE MATCH EXIST. CONC. PVMT. TP5703.40 REMOVE ±38 SY EXIST. ASPHALT
STA. 19+72.95 EUBANK BLVD. = STA. 28+67.23 ACADEMY RD.
STA. 6+11.40 NORTHBOUND LANE = STA. 6+29.98 SOUTHBOUND LANE BEGIN 2-WAY TRAFFIC TP 5700.09
NOTE: STA. 0+00 ℄ SOUTHBOUND LANE = STA. 19+72.95, 53.53 Lt. EUBANK BLVD.
STA. 0+00 ℄ NORTHBOUND LANE = STA. 19+72.95, 50.68' Rt. EUBANK BLVD.
Δ = 30°21'30" R = 380.00' T = 103.10' L = 201.34'
EXISTING GROUND ℄ (SOUTHBOUND)
FINISH GROUND ℄ (SOUTHBOUND)
FINISH GROUND
HGL
EXISTING GROUND ℄ (NORTHBOUND)
PVI STA = 6+10 ELEV = 99.93 (00.10) M.O. = -0.17
SAME POINT
94 LF 48" SD S = 2.66% Qcap = 120.77 cfs V = 18.16 fps
LOW POINT ELEV = 5698.14
LOW POINT STA = 9+55.24
PVI STA = 9+50
PVI ELEV = 5698.14 (5698.00)
M.O. = +0.14
ENGINEER'S CERTIFICATION
I, DAVID THOMPSON, DO HEREBY CERTIFY THAT THE AS-BUILT INFORMATION HEREON IS IN SUBSTANTIAL COMPLIANCE WITH THE APPROVED DRAINAGE PLAN.
RIPRAP
℄ NORTHBOUND LANE
TEMPORARY PAVEMENT
SECTION A–A
℄ SOUTHBOUND LANE
TEMPORARY PAVEMENT
SEE GRADING THIS SHEET
SECTION B–B
4" Y DASHED STRIPE
TEMPORARY PAVEMENT
SECTION C–C
PG98.40
TOG98.13 EX. INLET
EX. SW CULVERT
EX. 6' RUNDOWN
SECTION D–D
2" A.C. SURFACE COURSE 1500 LBS. STABILITY
6" COMPACTED SUBGRADE 90% COMPACTION
TEMPORARY PAVEMENT SECTION
TEMPORARY PAVEMENT
SLOPE BLANKET
HEADER CURB PER COA 2415
HEADER CURB DETAIL
AS-BUILT INFORMATION
CONTRACTOR
DATE
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SHEET 5 OF 21
WCEA #92-522
APRIL 1993
WILSON & COMPANY
MAR 11 1994
HYDROLOGY DIVISION