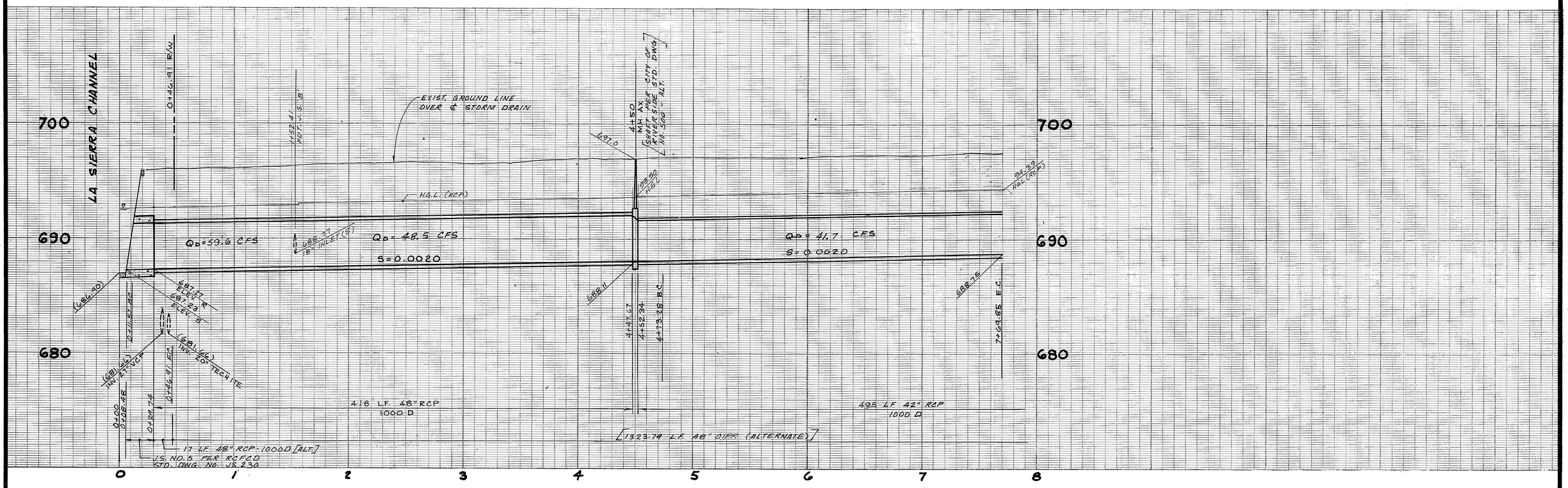
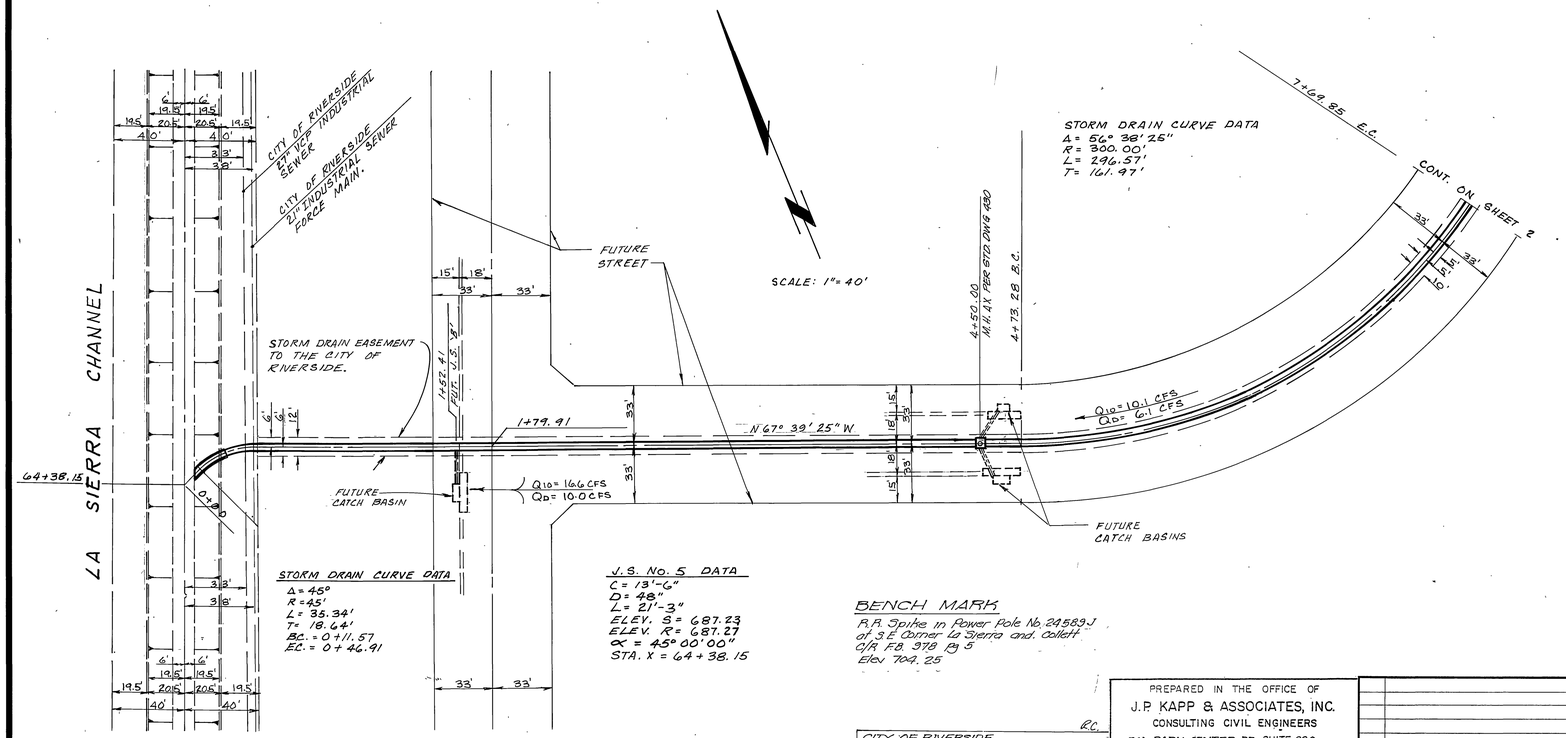




STORM DRAIN CURVE DATA
Δ = 45°
R = 45'
L = 35.34'
T = 18.64'
BC. = 0+11.57
EC. = 0+46.91

J.S. No. 5 DATA
C = 13'-6"
D = 48"
L = 21'-3"
ELEV. S = 687.23
ELEV. R = 687.27
α = 45° 00' 00"
STA. X = 64 + 38.15

BENCH MARK

R.R. Spike in Power Pole No. 24589J at S.E. Corner La Sierra and. Collett
C/R F.B. 378 Pg 9
Elev 704.25

GENERAL NOTES

1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF RIVERSIDE, DEPARTMENT OF PUBLIC WORKS STANDARD DRAWINGS AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1976 EDITION.
2. BEDDING SHALL BE PER CITY OF RIVERSIDE STANDARD DRAWING NO. 452, CASE I.
3. THE CONTRACTOR HAS THE OPTION TO USE EITHER R.C.P. OR CAST IN PLACE PIPE. CAST IN PLACE PIPE LENGTHS AND HYD. GRADE LINE ARE SHOWN IN PROFILE THUS [ ].
4. "THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION AS A RESULT OF ERRORS OR OMISSIONS, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.
5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT OF WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO TO THE CITY.
6. DEVELOPER SHALL GIVE RCFCD 5 DAYS WRITTEN NOTICE PRIOR TO STARTING WORK.

STANDARD DRAWINGS

RIVERSIDE CO. FLOOD CONTROL DIST.	DWG. NO.
J.S. NO. 5	JS 230
CITY OF RIVERSIDE	
CATCH BASIN INLET	403
CATCH BASIN	405
M.H. AX	430
CATCH BASIN FRAME & COVER	450
CONC. RINGS, REDUCER & PIPE FOR M.H. SHAFT	451
STD. PIPE BEDDING	452
TRENCH BACKFILL	453
JUNCTION STRUCTURE B	421
PRECAST CONC. M.H.	500

CITY OF RIVERSIDE
DOMESTIC SYSTEM
Wesley Lytle 9-21-77
Chief Utilities Engineer, Water Date

PREPARED IN THE OFFICE OF
J.P. KAPP & ASSOCIATES, INC.
CONSULTING CIVIL ENGINEERS
501 PARK CENTER DR. SUITE 200
SANTA ANA, CALIFORNIA 92250
PHONE (714) 547-8445
J.P. KAPP RCE 22015 8-1-77 DATE

MARK	REVISIONS	APPR.	DATE

DESIGNED BY J.R.B. DRAWN BY J.R.B. CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
CHIEF P. W. ENGR.		

APPROVED BY William D. Gardner
DIRECTOR OF PUBLIC WORKS
DATE 10/19/77

* AS BUILT 4-8-80 BER

STORM DRAIN PLAN & PROFILE

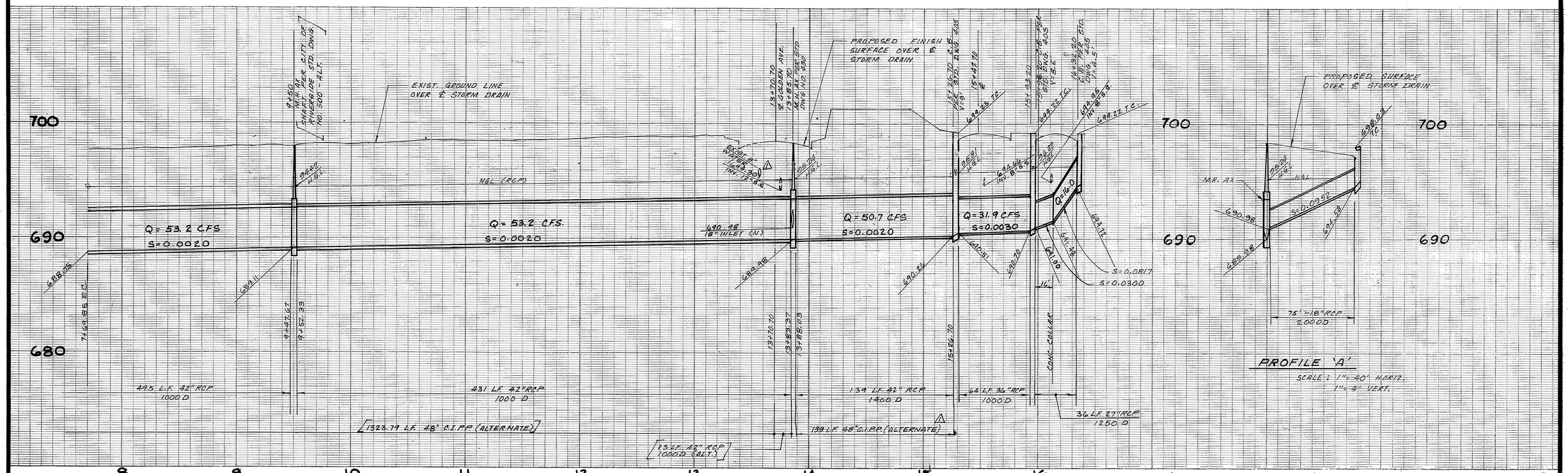
TRACT NO. 8203-1

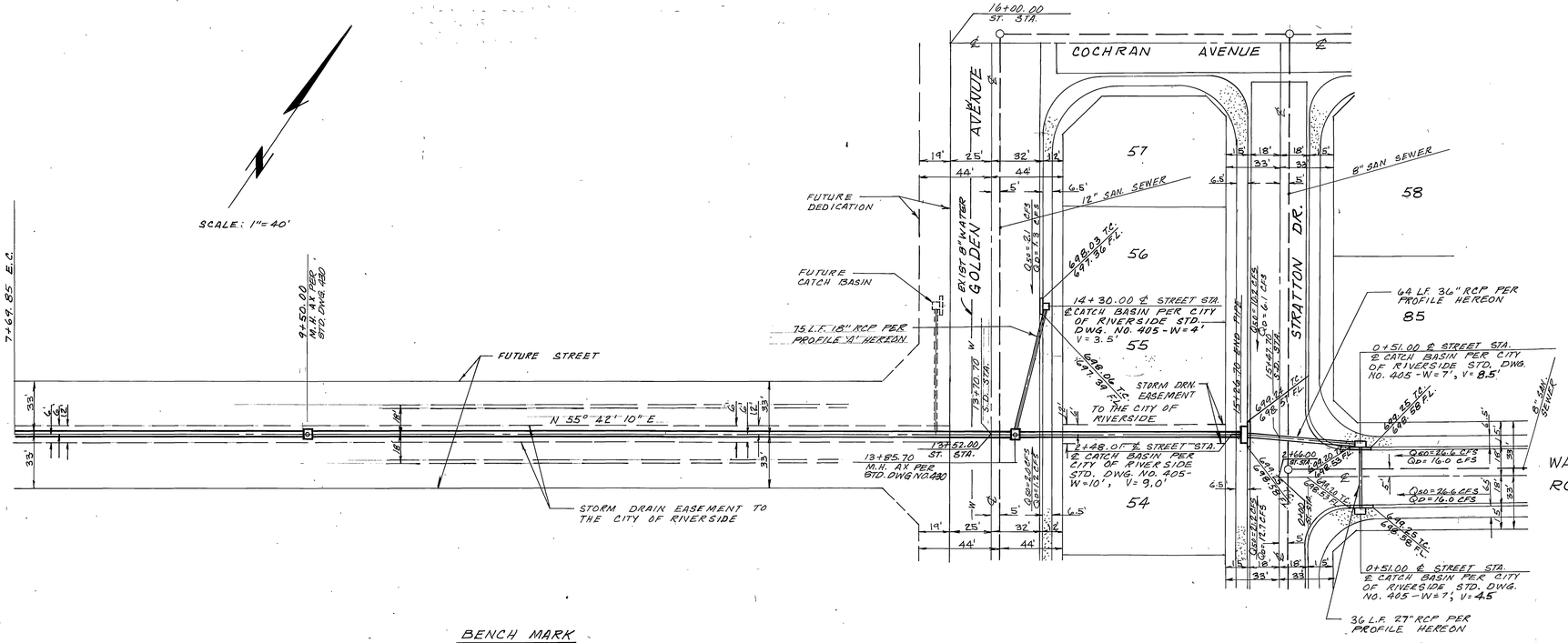
PROJECT NO. D-328

SHEET 1 OF 2

HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

FILE NO.





BENCH MARK
R.R. Spike in Power Pole No. 24589 J at S.E. Corner La Sierra and Colleft C/R. FB. 978 Pg 5 Elev. 704.25

E.C.

CITY OF RIVERSIDE DOMESTIC SYSTEM

Wesley Hayen 9-21-77
Chief Utilities Engineer, Water Date

PREPARED IN THE OFFICE OF
J.P. KAPP & ASSOCIATES, INC.
CONSULTING CIVIL ENGINEERS
501 PARK CENTER DR. SUITE 200
SANTA ANA, CALIFORNIA 92750
PHONE (714) 547-8445

J.P. KAPP RCE 22015 4-1-77 DATE

MARK	REVISIONS	APPR.	DATE
1	ADDED C.I.P.P. ALT. & WATERLINE P.L.	JPK	9/1/77

DESIGNED BY JRB DRAWN BY JRB CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	JPK	10/19
PARK DEPARTMENT		
TRAFFIC DIVISION		
CHIEF P. W. ENGR.		

APPROVED BY William D. Harden
DIRECTOR OF PUBLIC WORKS
DATE 10/19/77

* BS BUILT 4-8-80 BKR

STORM DRAIN PLAN & PROFILE

TRACT NO. 8203-1

PROJECT NO. D-328

SHEET 2 OF 2

HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4' FILE NO.