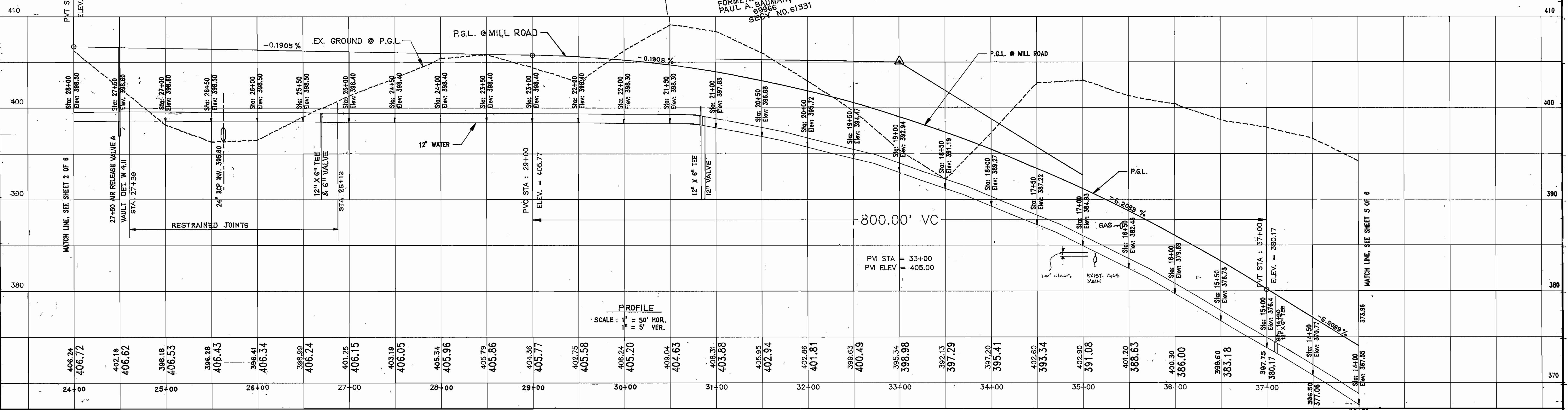


PLAN
SCALE 1" = 50'



PROFILE
SCALE: 1" = 50' HOR.
1" = 5' VER.

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

Voria Engineering Inc.
CONSULTING ENGINEERS—LAND PLANNERS—SURVEYORS
3230 BETHANY LANE, SUITE 4, ELLICOTT CITY, MD.
410-465-0400



DES :	WDJR
DRN :	AVG
CHK :	MLL
DATE :	5-26-93
BY :	NO.
REVISION :	
DATE :	

WATER PLAN AND PROFILE
CONTRACT NO. 44-3283-D
600' SCALE MAP NO. 35 BLOCK

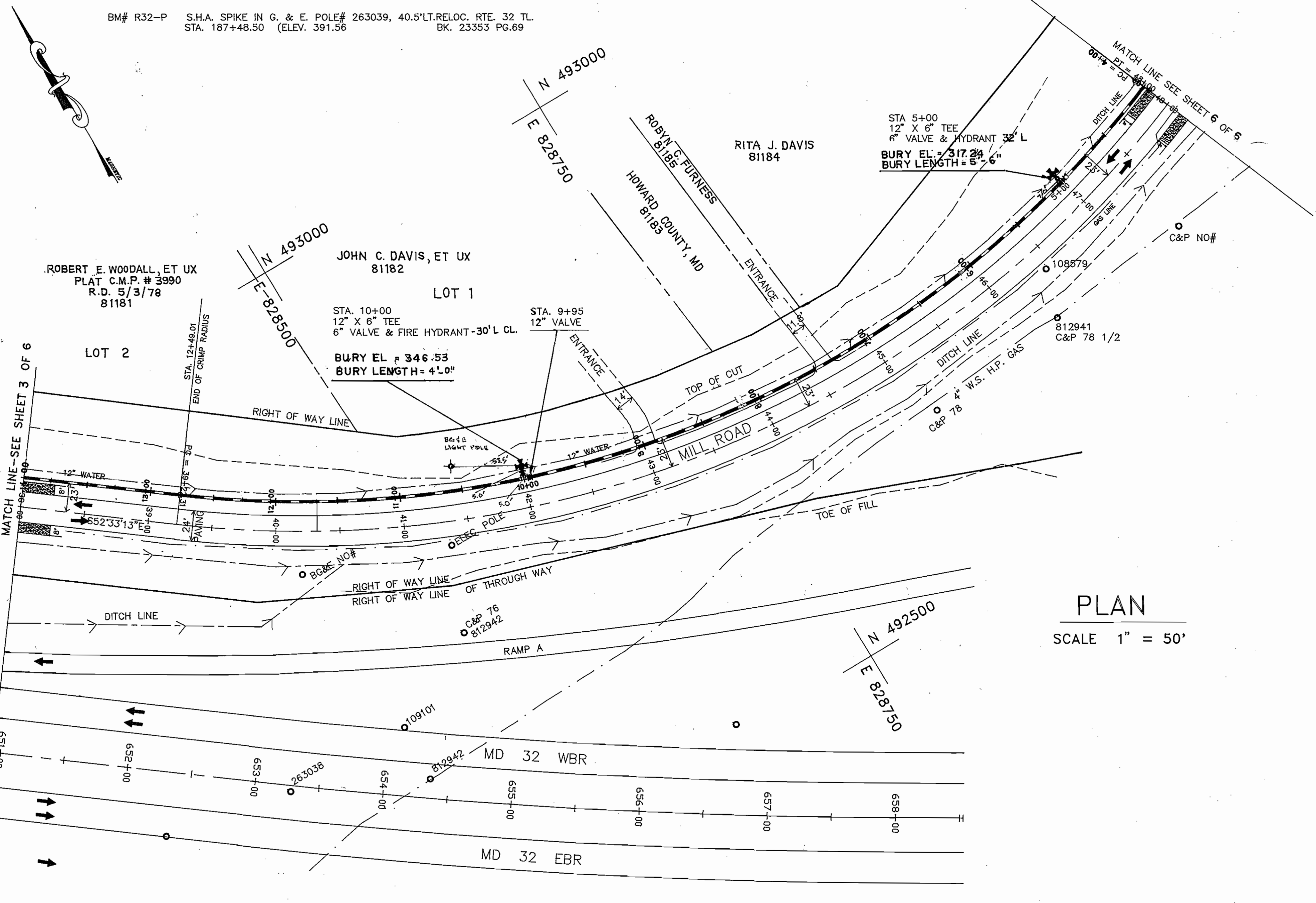
GRACE
PROPOSED 12" WATER LINE
PHASE - I

W.R. GRACE & CO. - CONN.
WASHINGTON RESEARCH CENTER
7378 ROUTE 52
COLUMBIA, MARYLAND 21044

SCALE
AS SHOWN
SHEET
3 OF 6

93-11-D06

BM# R32-P S.H.A. SPIKE IN G. & E. POLE# 263039, 40.5'LT.RELOC. RTE. 32 TL.
 STA. 187+48.50 (ELEV. 391.56) BK. 23353 PG.69



PLAN
 SCALE 1" = 50'

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

James A. Lee 6/25/93
 DIRECTOR OF PUBLIC WORKS DATE
Michael J. Rice 6/24/93
 CHIEF, BUREAU OF UTILITIES DATE

William E. Ray 6-25-93
 CHIEF, BUREAU OF ENGINEERING DATE
William E. Ray 6/24/93
 CHIEF, LAND DEVELOPMENT DIVISION DATE

Woria Engineering Inc.
 CONSULTING ENGINEERS-LAND PLANNERS-SURVEYORS
 3230 BETHANY LANE, SUITE 4, ELLICOTT CITY, MD.
 410-465-0400



DES : WD JR			
DRN : JNC			
CHK : MILL			
DATE : 5.7.93	BY	NO.	REVISION

WATER PLAN AND PROFILE

CONTRACT NO. 44-3283-D
 DATE 600' SCALE MAP NO. 35 BLOCK

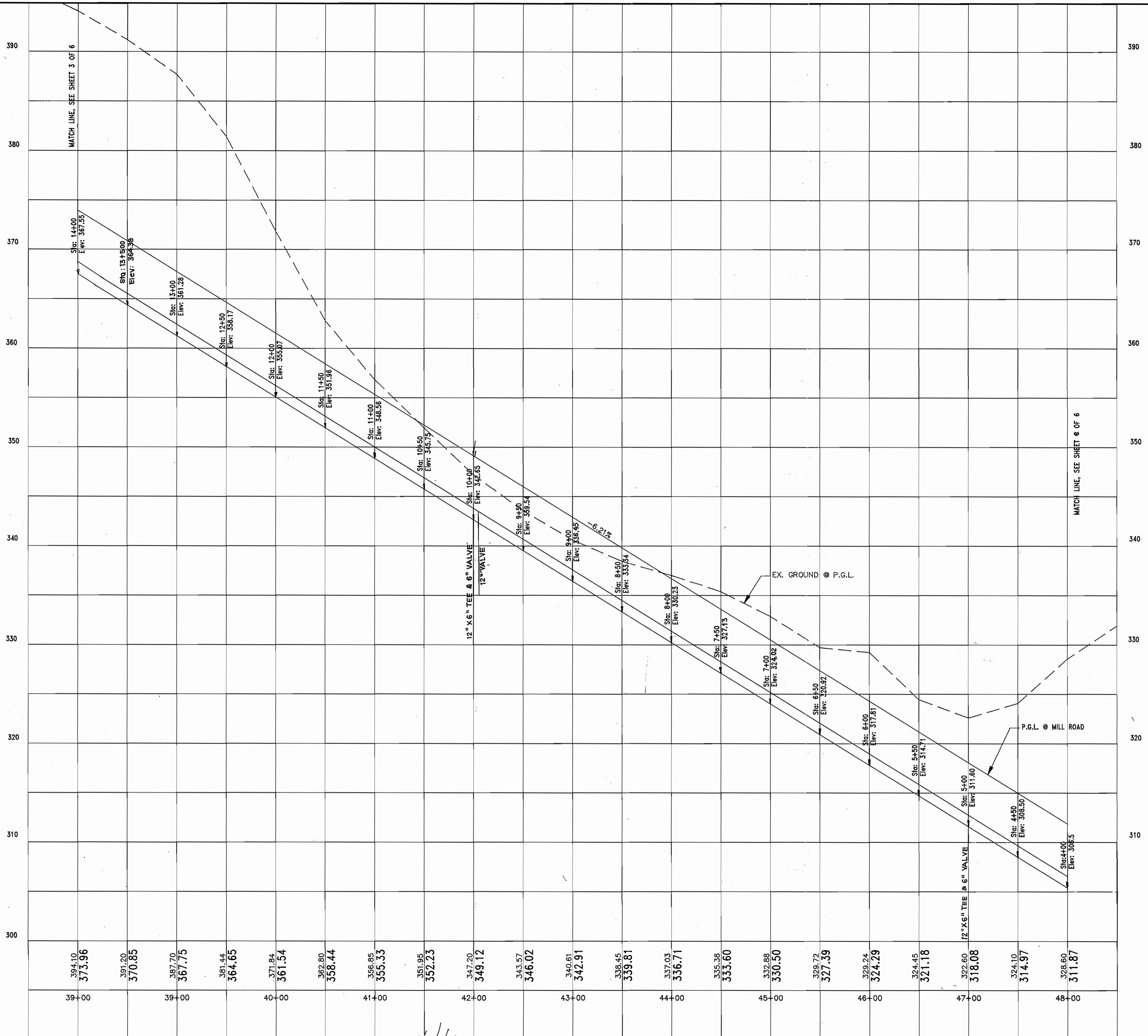
GRACE
 W.R. GRACE & CO. - CONN.
 WASHINGTON RESEARCH CENTER
 7379 ROUTE 32
 COLUMBIA, MARYLAND 21044

PROPOSED 12" WATER LINE
 PHASE - I

SCALE
 AS SHOWN

SHEET
 4 OF 6

C:\DWG\93-03.DWG



C:\DWG\93-000\DWG

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

Ramon J. Lewis 6/25/93
DIRECTOR OF PUBLIC WORKS DATE

W. R. Grace & Co. 6-25-93
CHIEF, BUREAU OF ENGINEERING DATE

Voria Engineering Inc.
CONSULTING ENGINEERS—LAND PLANNERS—SURVEYORS
3230 BETHANY LANE, SUITE 4, ELLICOTT CITY, MD.
410-465-0400



DES :	WD, JR
DRN :	AVG
CHK :	MLL
DATE :	
BY :	
NO. :	
REVISION :	
DATE :	

**WATER PLAN
AND PROFILE**

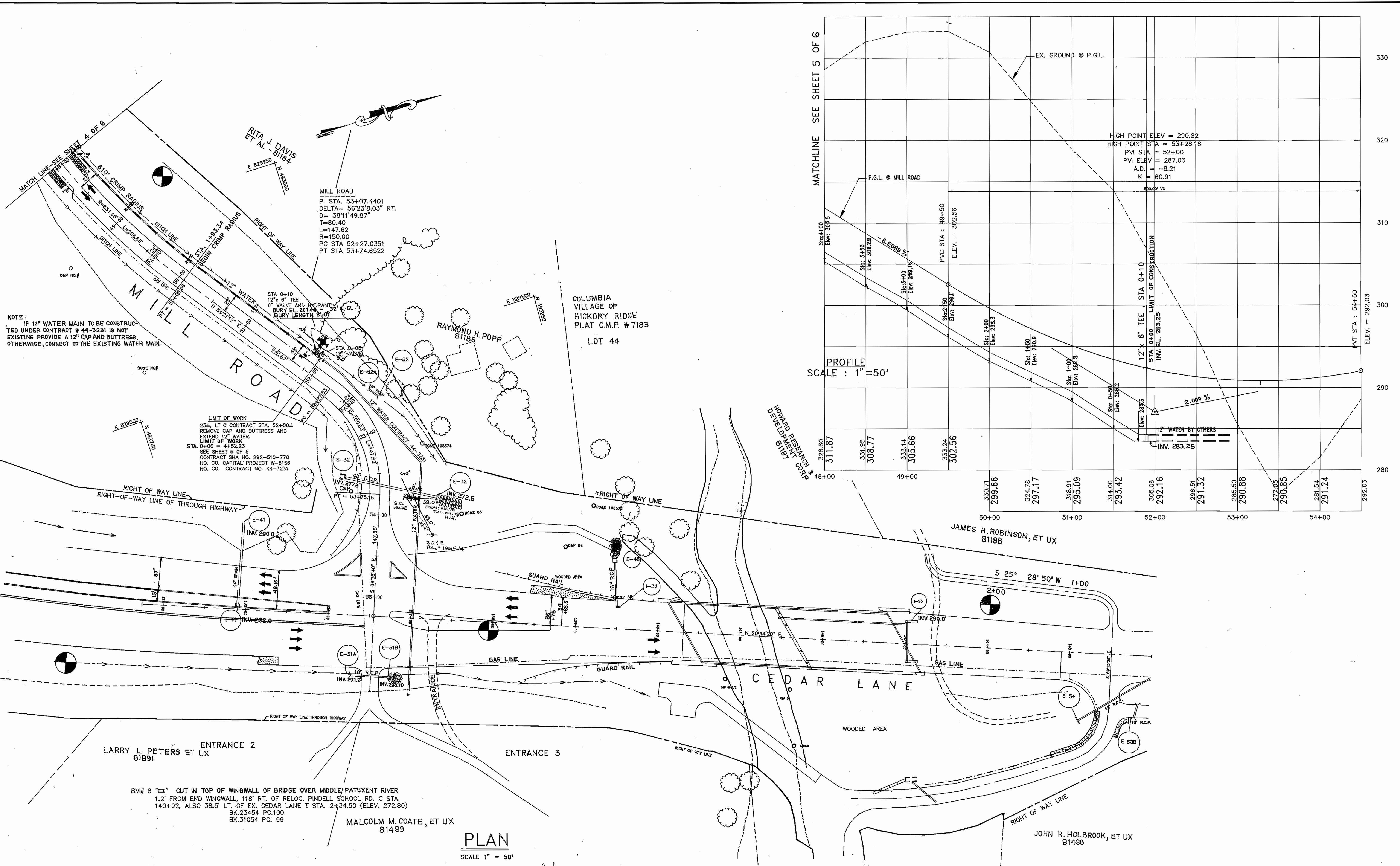
CONTRACT NO. **44-3283-D**
600' SCALE MAP NO. **35** BLOCK

GRACE
W. R. GRACE & CO. - CONN.
WASHINGTON RESEARCH CENTER
7379 ROUTE 32
COLUMBIA, MARYLAND 21044

**PROPOSED 12" WATER LINE
PHASE - I**

SCALE
AS SHOWN

SHEET
5 OF 6



NOTE:
IF 12" WATER MAIN TO BE CONSTRUCTED UNDER CONTRACT # 44-3231 IS NOT EXISTING PROVIDE A 12" CAP AND BUTTRESS. OTHERWISE, CONNECT TO THE EXISTING WATER MAIN.

LIMIT OF WORK
23±, LT. C CONTRACT STA. 52+00±
REMOVE CAP AND BUTTRESS AND
EXTEND 12" WATER.
LIMIT OF WORK
STA. 0+00 = 4+52.23
SEE SHEET 5 OF 5
CONTRACT SHA HO. 292-510-770
HO. CO. CAPITAL PROJECT W-8156
HO. CO. CONTRACT NO. 44-3231

PLAN
SCALE 1" = 50'

PROFILE
SCALE: 1" = 50'

HIGH POINT ELEV = 290.82
HIGH POINT STA = 53+28.78
PVI STA = 52+00
PVI ELEV = 287.03
A.D. = -8.21
K = 60.91

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

loria Engineering Inc.
CONSULTING ENGINEERS—LAND PLANNERS—SURVEYORS
3230 BETHANY LANE, SUITE 4, ELLICOTT CITY, MD.
410-465-0400



DES : WD JR			
DRN : JNC			
CHK : MLL			
DATE : 5.21.93			
BY	NO.	REVISION	DATE

WATER PLAN AND PROFILE

CONTRACT NO. 44-3283-D
600' SCALE MAP NO. 35 BLOCK

GRACE
WASHINGTON RESEARCH CENTER
7379 ROUTE 32
COLUMBIA, MARYLAND 21044

PROPOSED 12" WATER LINE
PHASE - I

SCALE
AS SHOWN
SHEET
6 OF 6

C:\DWG\93-03.DWG

James H. Robinson 6/25/93
DIRECTOR OF PUBLIC WORKS DATE

Michael H. ... 6-24-93
CHIEF, BUREAU OF UTILITIES DATE

William R. ... 6-25-93
CHIEF, BUREAU OF ENGINEERING DATE

... 6-25-93
CHIEF, LAND DEVELOPMENT DIVISION DATE