

Acad Dwg: 6001502
Plotted: April 3, 1998

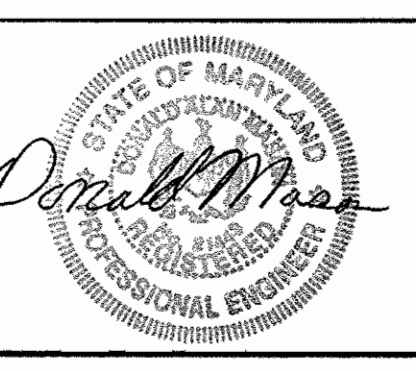
DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

Robert Bainger 5-7-98
CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND

William L. Baxter 5/14/98
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

TSA GROUP, INC.
planning • engineering • surveying
8480 Baltimore National Pike Suite 418
Ellicott City, Maryland 21043



DES:	MLV				
DRN:	DBT				
CHK:	DAM				
DATE:	11/97	BY:	NO.	DATE:	10-12-98
	4/98				

REVISIONS

REVISE WATER LINE FROM STA. 18+95 TO 28+50

PLAN OF WATER MAIN
ALONG SANNER ROAD

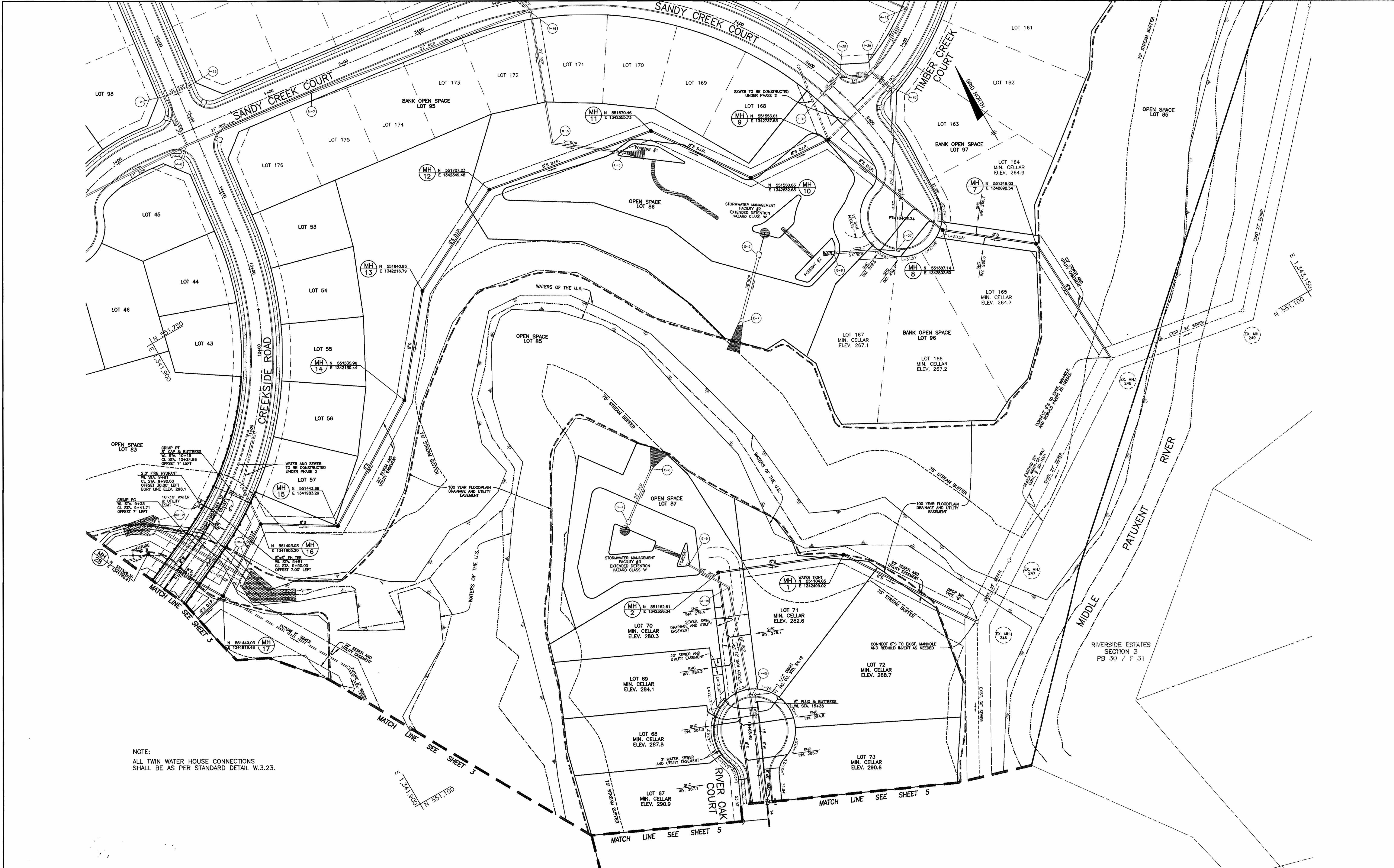
600 SCALE MAP NO. 41
BLOCK 4 AND 5

VILLAGE OF CEDAR RIDGE
PHASE 1
ELECTION DISTRICT NO. 5

CONTRACT NO. 34-3652-D

SCALE:
1" = 50'

SHEET NO.
2 OF 11



NOTE:
ALL TWIN WATER HOUSE CONNECTIONS
SHALL BE AS PER STANDARD DETAIL W.3.2.3.

Plotted: April 3, 1998

Acad Dwg: 6001504

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND

TSA GROUP, INC.
planning • engineering • surveying
8480 Baltimore National Pike Suite 418
Ellicott City, Maryland 21043



DES:	MLV				
DRN:	DBT				
CHK:	DAM				
DATE:	11/97				
	4/98	BY	NO.	REVISIONS	DATE

**PLAN OF
WATER AND SEWER MAINS**

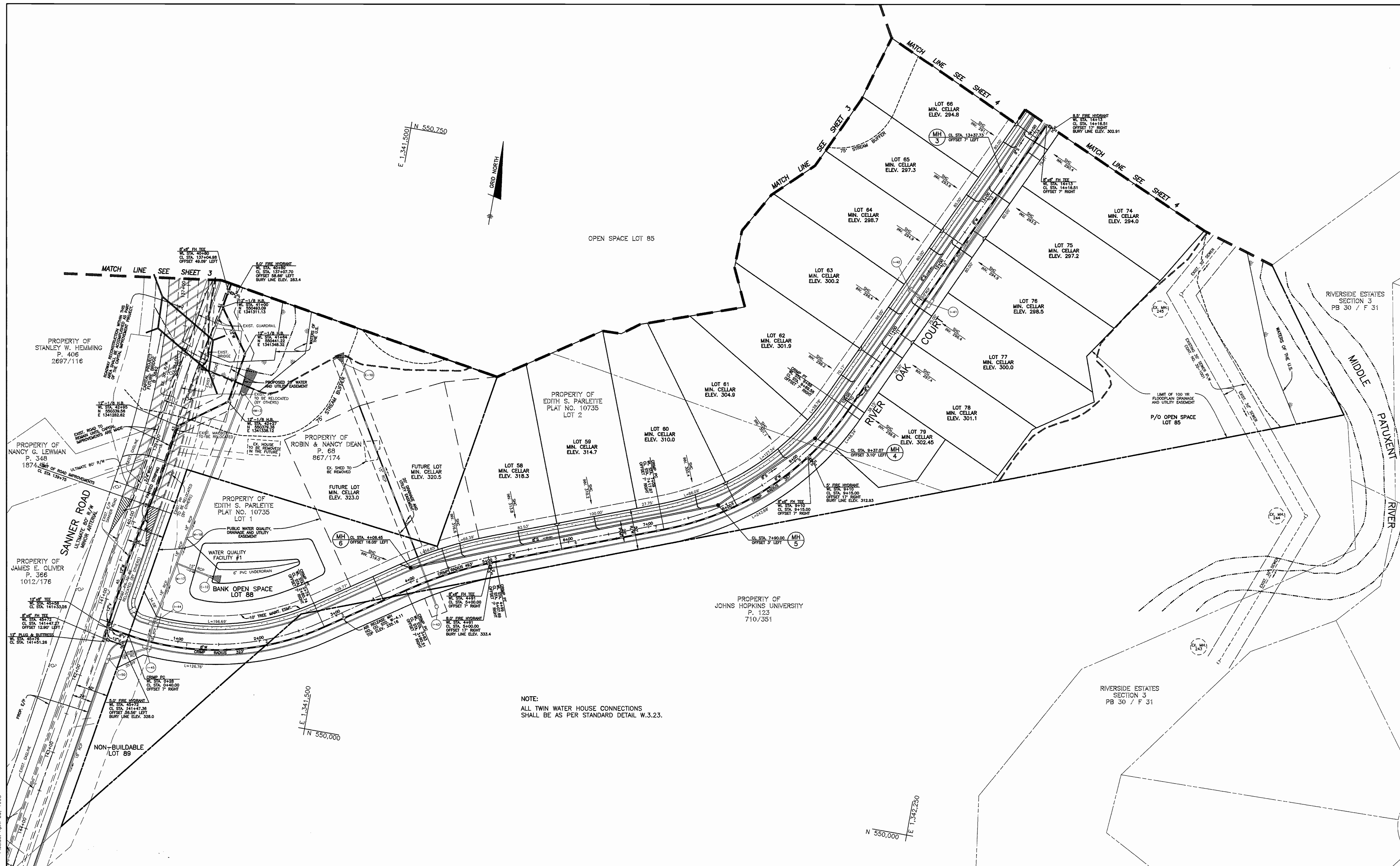
VILLAGE OF CEDAR RIDGE
PHASE 1
ELECTION DISTRICT NO. 5
CONTRACT NO. 34-3652-D

SCALE:
1" = 50'
SHEET NO.
4 OF 11

Robert ...
5-2-98
DATE

Donald ...
5/1/98
DATE

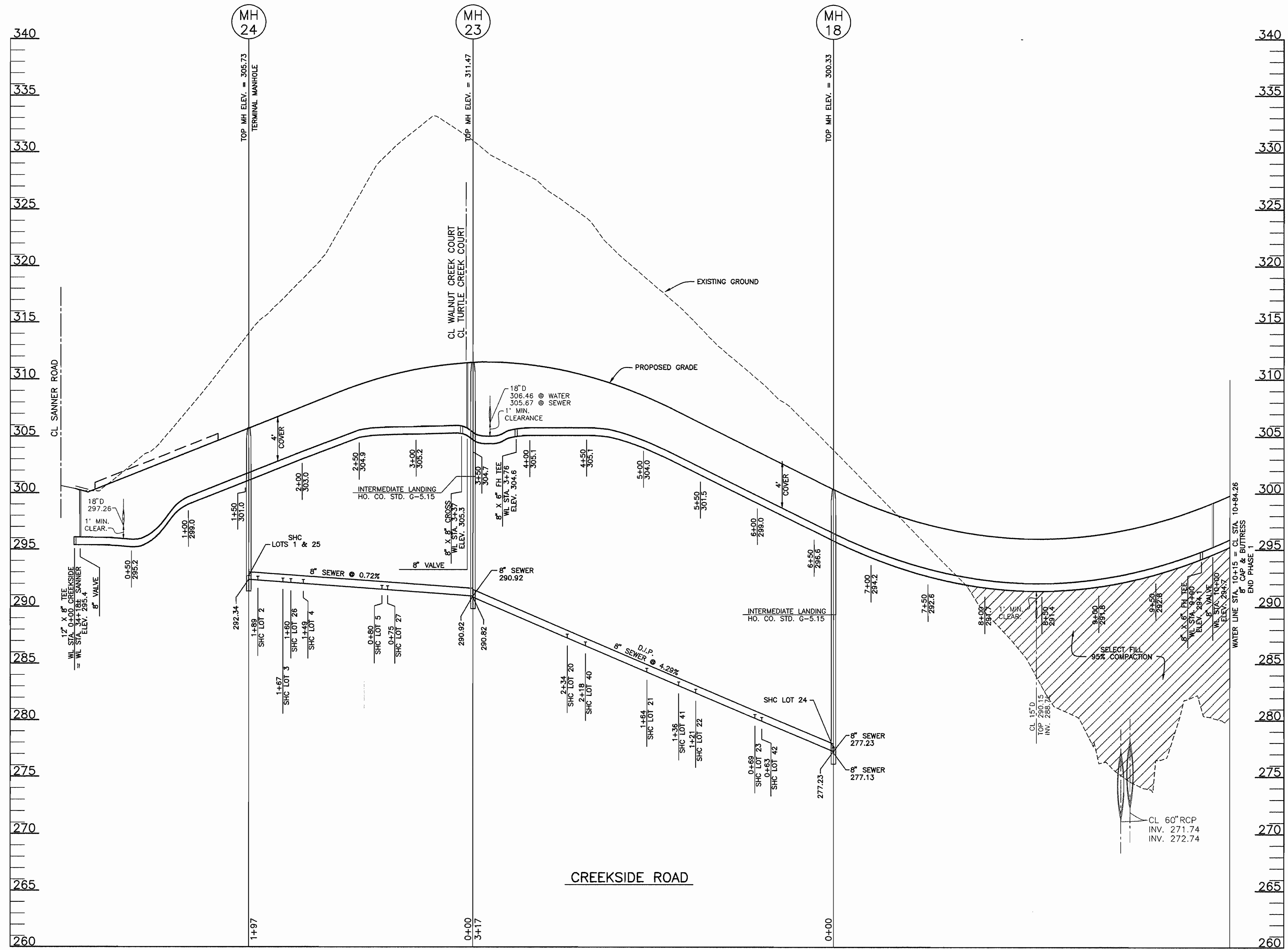
600 SCALE MAP NO. 41
BLOCK 4 AND 5



NOTE:
ALL TWIN WATER HOUSE CONNECTIONS
SHALL BE AS PER STANDARD DETAIL W.3.23.

Plot: April 30, 1998

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND <i>Robert D. Dwyer</i> CHIEF, BUREAU OF UTILITIES	DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND <i>John P. ...</i> CHIEF, DEVELOPMENT ENGINEERING DIVISION	TSA GROUP, INC. planning • engineering • surveying 8480 Baltimore National Pike Suite 418 Ellicott City, Maryland 21043 <i>Donald Mason</i>	DES: MLV			PLAN OF WATER AND SEWER MAINS VILLAGE OF CEDAR RIDGE PHASE 1 ELECTION DISTRICT NO. 5 CONTRACT NO. 34-3652-D	SCALE: 1" = 50' SHEET NO. 5 OF 11
			DRN: DBT				
			CHK: DAM				
			DATE: 4/98	BY NO.	REVISIONS	DATE: 600 SCALE MAP NO. 41	BLOCK 4 AND 5



NOTE: ALL SEWER MANHOLES SHALL BE PRECAST FOR THIS CONTRACT.

Plotted: April 3, 1998

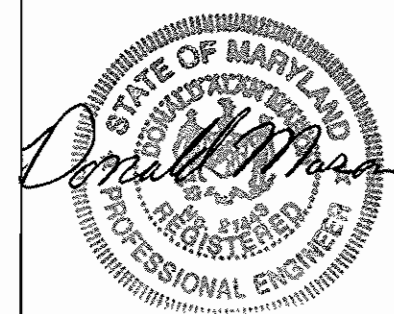
Acad Dwg: 6001508

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND

TSA GROUP, INC.

planning • engineering • surveying
8480 Baltimore National Pike Suite 418
Ellicott City, Maryland 21043



DES:	MLV				
DRN:	DBT				
CHK:	DAM				
DATE:	11/97				
	4/98	BY	NO.	REVISIONS	DATE

PROFILE OF
WATER AND SEWER MAINS

VILLAGE OF CEDAR RIDGE
PHASE 1
ELECTION DISTRICT NO. 5

SCALE:
1"=50' HORIZ.
1"=5' VERT.

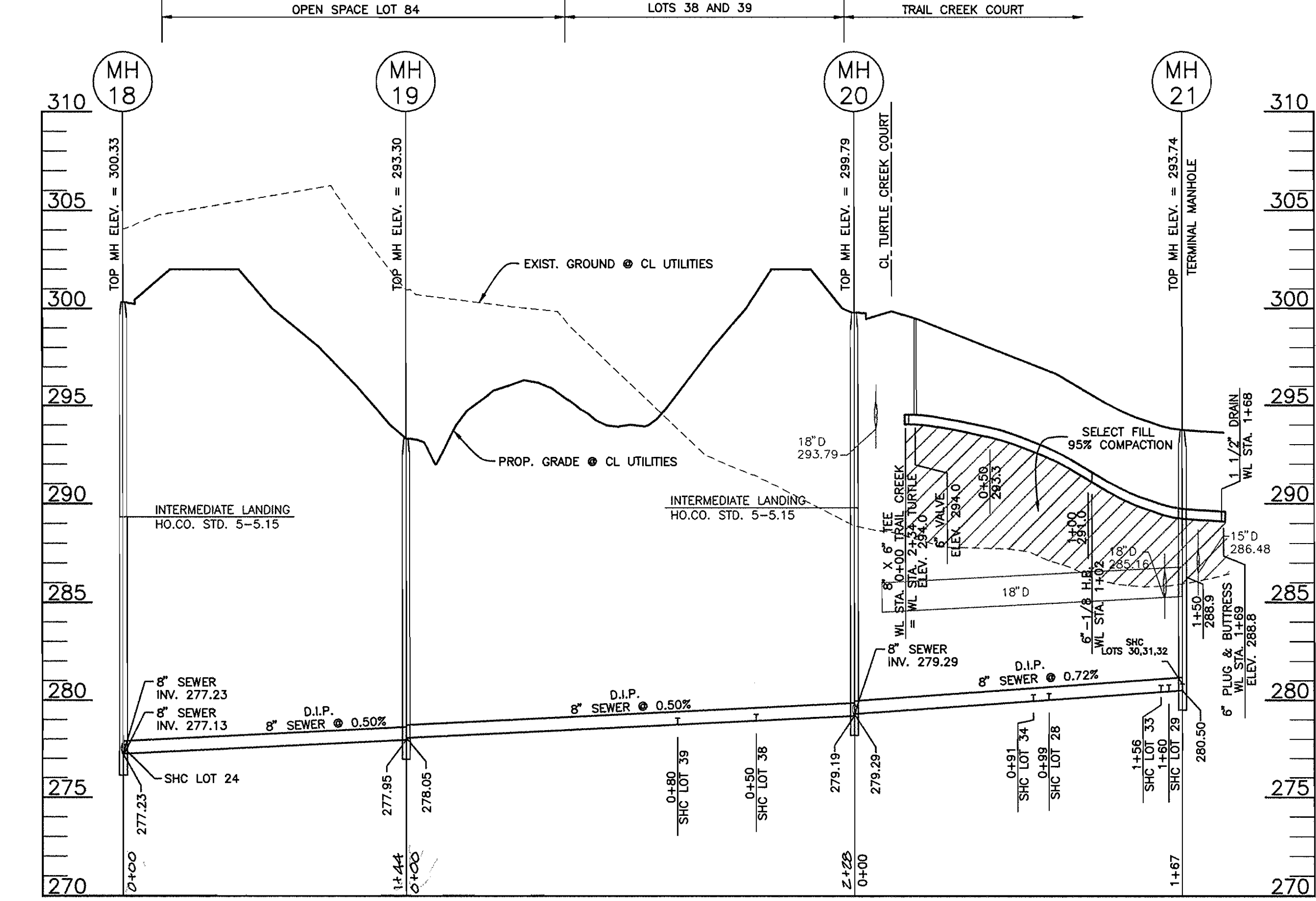
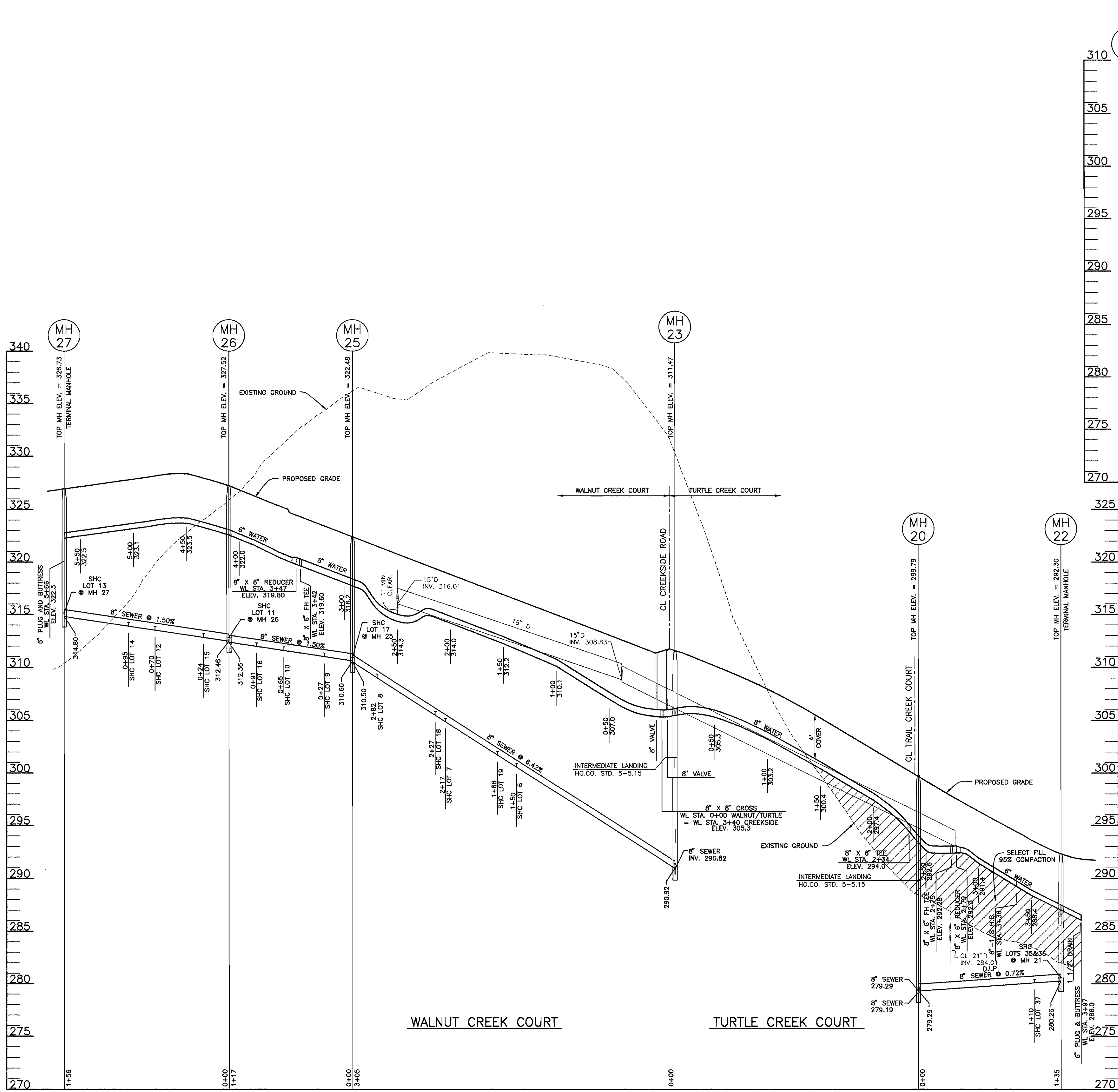
Robert W. Reinger 5-7-98
CHIEF, BUREAU OF UTILITIES DATE

Donald P. Pagan 5/14/98
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

CONTRACT NO. 34-3652-D

SHEET NO.
8 OF 11

600 SCALE MAP NO. 41 BLOCK 4 AND 5



NOTE: ALL SEWER MANHOLES SHALL BE PRECAST FOR THIS CONTRACT.

Acad Dwg: 6001509
Plotted: April 3, 1998

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

Robert W. Baumer 5-7-98
CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND

Harold M. Damm 5/14/98
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

TSA GROUP, INC.
planning • engineering • surveying
8480 Baltimore National Pike Suite 418
Ellicott City, Maryland 21043



DES:	MLV						
DRN:	DBT						
CHK:	DAM						
DATE:	11/97						
	4/98	BY	NO.	REVISIONS	DATE		

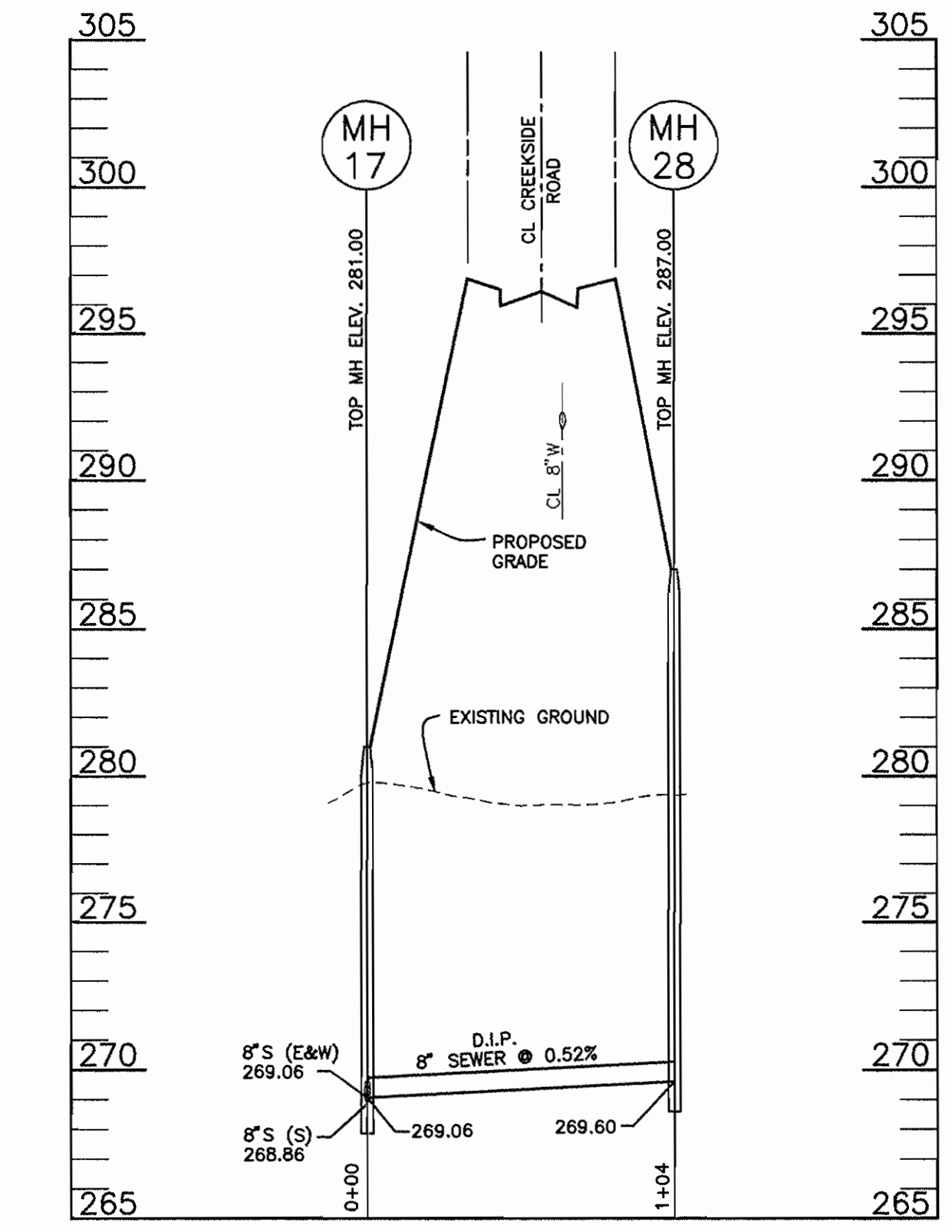
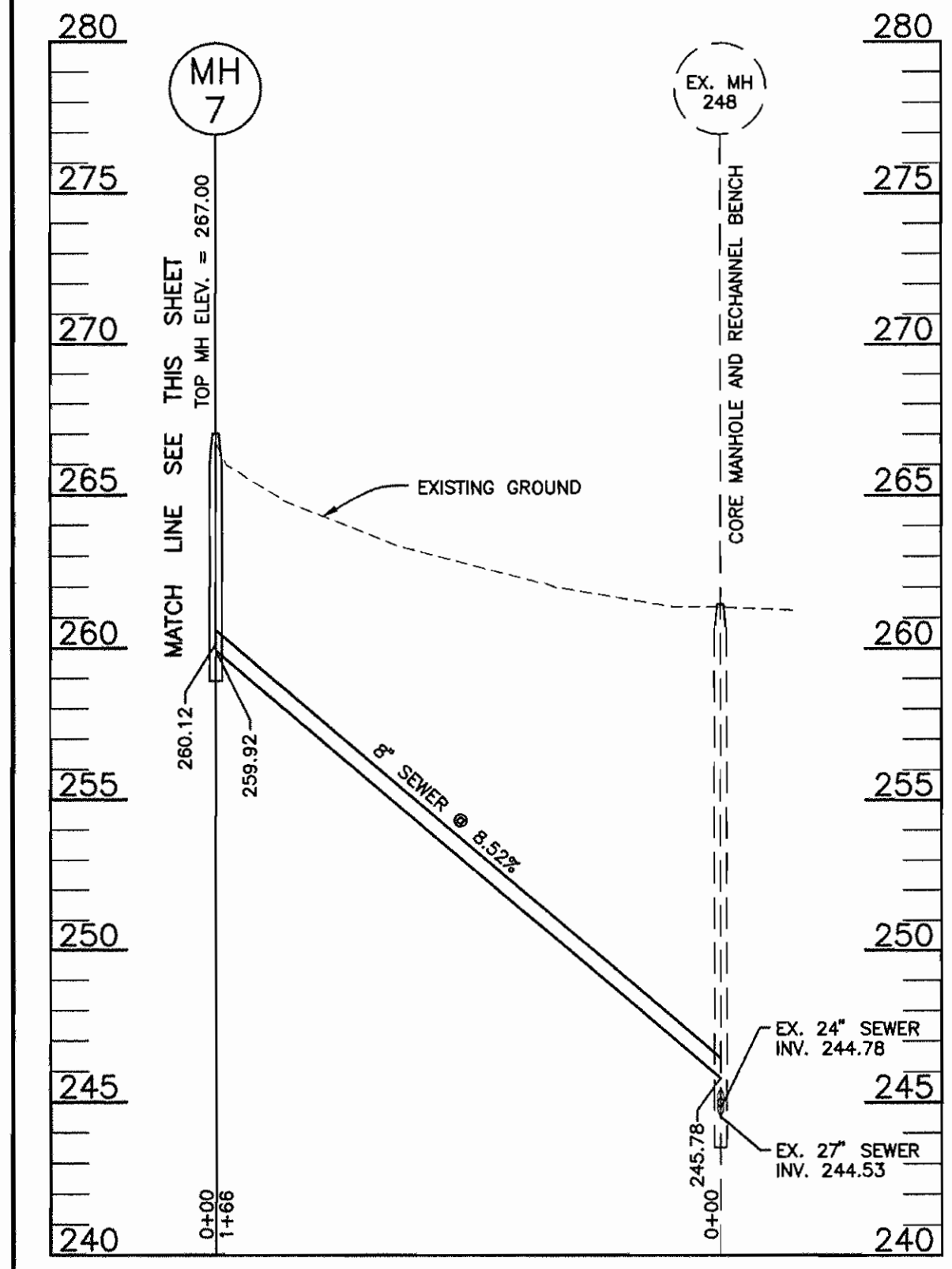
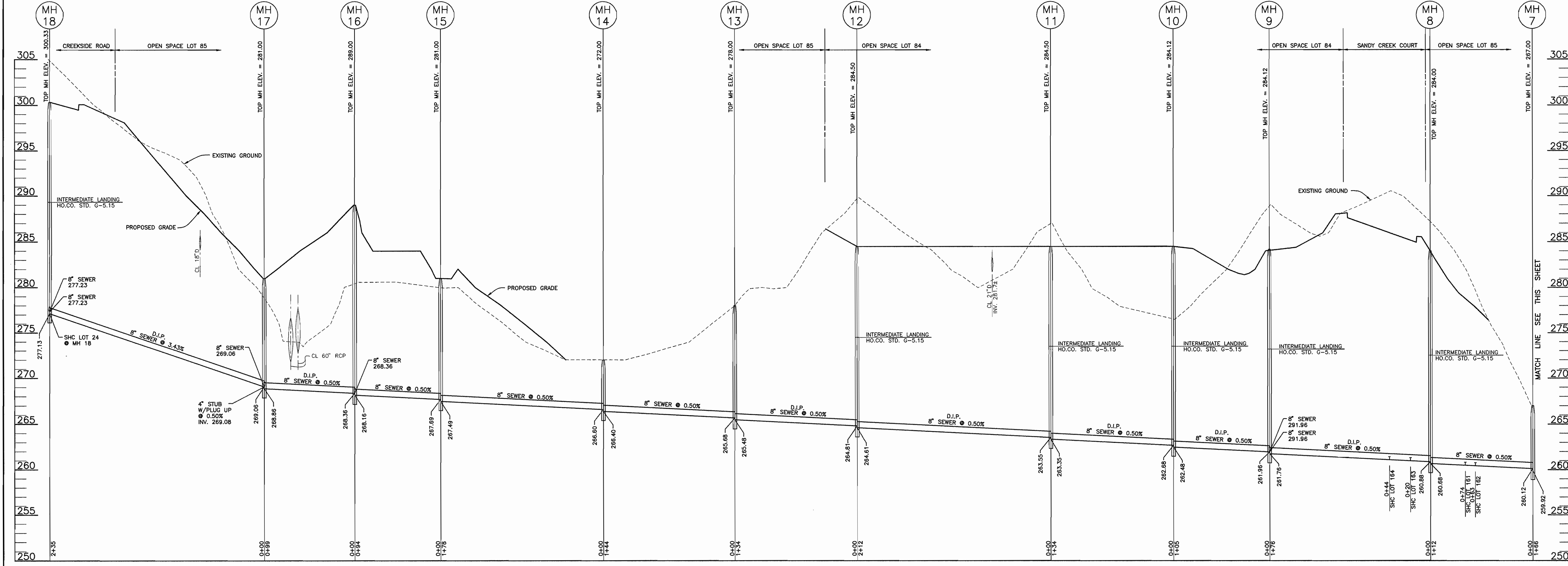
PROFILES OF
WATER AND SEWER MAINS

600 SCALE MAP NO. 41

VILLAGE OF CEDAR RIDGE
PHASE 1
ELECTION DISTRICT NO. 5
CONTRACT NO. 34-3652-D

SCALE:
1"=50' HORIZ.
1"=5' VERT.

SHEET NO.
9 OF 11



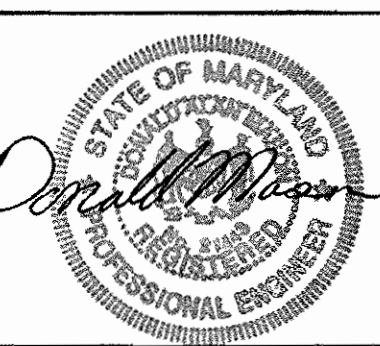
NOTE: ALL SEWER MANHOLES SHALL BE PRECAST FOR THIS CONTRACT.

Plotted: April 3, 1998

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
Robert M. Burgess
CHIEF, BUREAU OF UTILITIES
5-7-98
DATE

DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND
Donald M. Mason
CHIEF, DEVELOPMENT ENGINEERING DIVISION
5/14/98
DATE

TSA GROUP, INC.
planning • engineering • surveying
8480 Baltimore National Pike Suite 418
Ellicott City, Maryland 21043

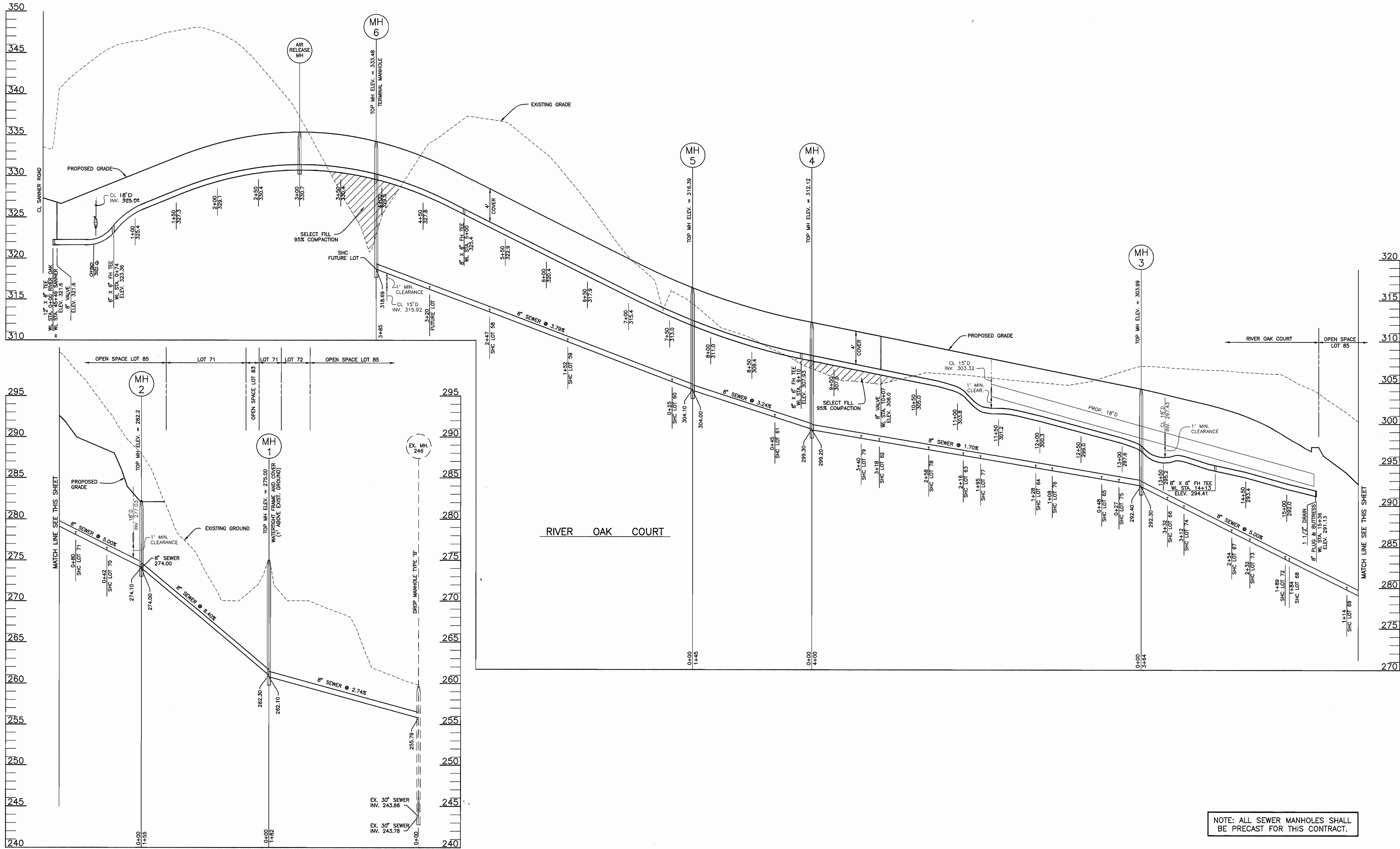


DES:	MLV			
DRN:	DBT			
CHK:	DAM			
DATE:	11/97			
	4/98	BY	NO.	
		REVISIONS		

PROFILE OF SEWER MAIN
600 SCALE MAP NO. 41
BLOCKS 4 AND 5

VILLAGE OF CEDAR RIDGE
PHASE 1
ELECTION DISTRICT NO. 5
CONTRACT NO. 34-3652-D

SCALE:
1" = 50' HORIZ.
1" = 5' VERT.
SHEET NO.
10 OF 11



NOTE: ALL SEWER MANHOLES SHALL BE PRECAST FOR THIS CONTRACT.

Plotted: April 3, 1998

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND

TSA GROUP, INC.

planning • engineering • surveying
8480 Baltimore National Pike Suite 418
Ellicott City, Maryland 21043



DES:	MLV			
DRN:	DBT			
CHK:	DAM			
DATE:	11/97			
	4/98	BY	NO.	REVISIONS

PROFILE OF
WATER AND SEWER MAINS

DATE 600 SCALE MAP NO. 41 BLOCKS 4 AND 5

VILLAGE OF CEDAR RIDGE
PHASE 1
ELECTION DISTRICT NO. 5

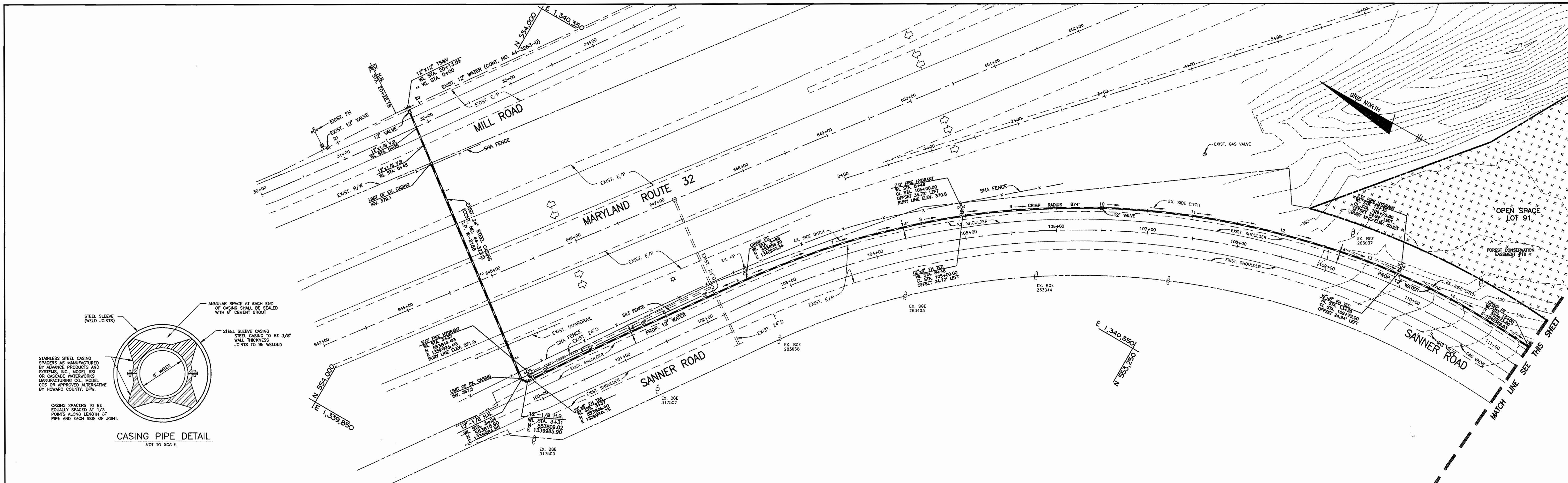
CONTRACT NO. 34-3652-D

SCALE:
1"=50' HORIZ.
1"=5' VERT.

SHEET NO.
11 OF 11

Robert M. Bevinger 5-7-98
CHIEF, BUREAU OF UTILITIES DATE

Donald M. Mason 5/14/98
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE



Acad Dwg: 6001502 Plotted: April 3, 1988

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

Robert Bainger 5-7-98
CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND

Michael D. ... 5/14/98
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

TSA GROUP, INC.
planning • engineering • surveying
8480 Baltimore National Pike Suite 418
Ellicott City, Maryland 21043



DES:	MLV				
DRN:	DBT				
CHK:	DAM				
DATE:	11/97	DBT	REVISE WATER LINE FROM STA. 20+29 TO 22+15 AND 24+50 TO 25+50	11-23-98	
	4/98	BY NO.	REVISE WATER LINE FROM STA. 18+95 TO 28+50	10-12-98	
			REVISIONS		

PLAN OF WATER MAIN
ALONG SANNER ROAD

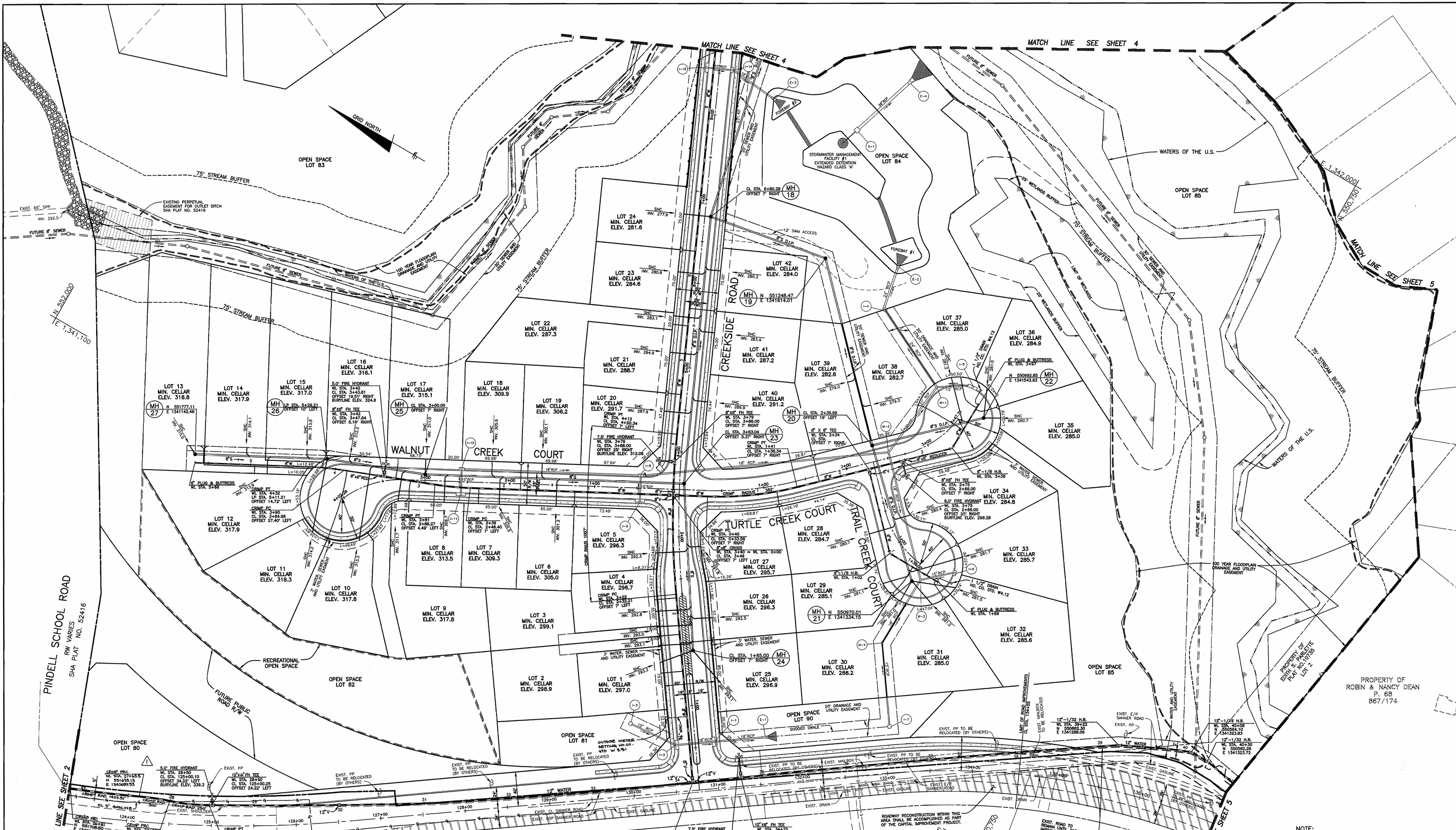
600 SCALE MAP NO. 41

VILLAGE OF CEDAR RIDGE
PHASE 1
ELECTION DISTRICT NO. 5

CONTRACT NO. 34-3652-D

SCALE:
1" = 50'

SHEET NO.
2 OF 11



NOTE: ALL TWIN WATER HOUSE CONNECTIONS SHALL BE AS PER STANDARD DETAIL W.3.23.

PROPERTY OF SCOTT E. PATON P. 163 2384/625

PROPERTY OF RICHARD B. GENTLE P. 371 1087/484

PROPERTY OF ROBERT A. GASKILL P. 372 637/155

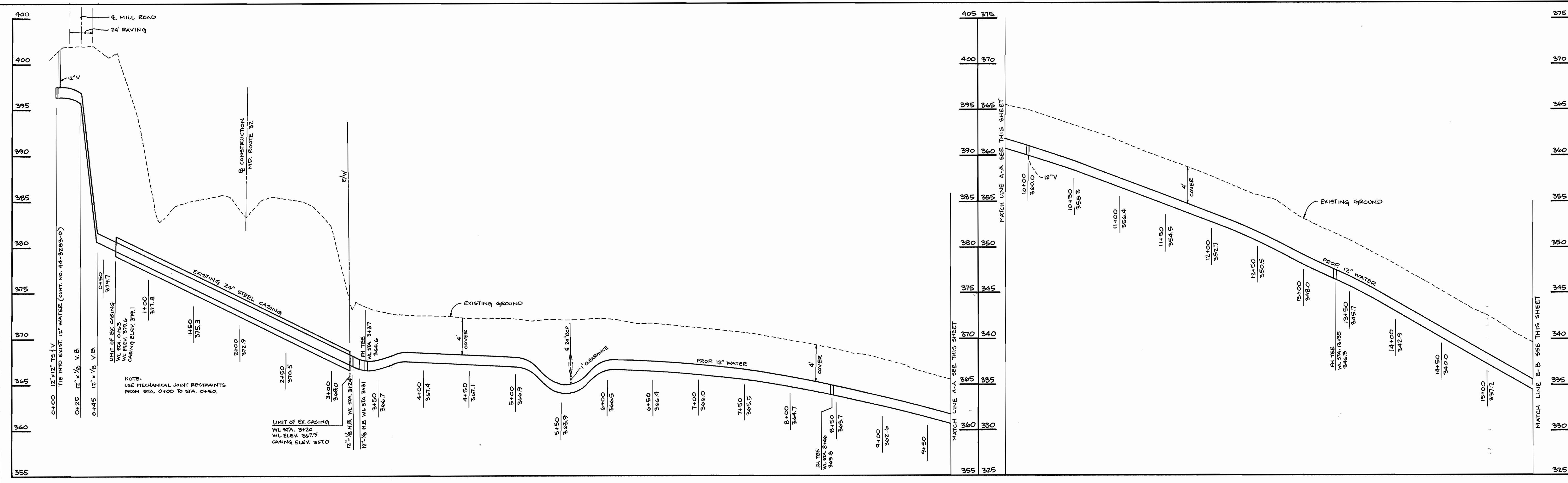
PROPERTY OF STANLEY W. HEMMING P. 406 2697/116

PROPERTY OF ROBIN & NANCY DEAN P. 68 867/174

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND CHIEF, BUREAU OF UTILITIES	DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND CHIEF, DEVELOPMENT ENGINEERING DIVISION	TSA GROUP, INC. planning • engineering • surveying 8480 Baltimore National Pike Suite 418 Ellicott City, Maryland 21043 	DES: MLV DRN: DBT CHK: DAM DATE: 11/97 4/98	REVISIONS 1. ADD WMC TO LOT 81 2. REVISE WATER LINE FROM STA 18+35 TO 28+50 BY NO. DATE	PLAN OF WATER AND SEWER MAINS 600 SCALE MAP NO. 41 BLOCK 4 AND 5	VILLAGE OF CEDAR RIDGE PHASE 1 ELECTION DISTRICT NO. 5 CONTRACT NO. 34-3652-D SCALE: 1" = 50' SHEET NO. 3 OF 11
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Plotfile: Nov. 1, 1997

Acad Dwg: 6056

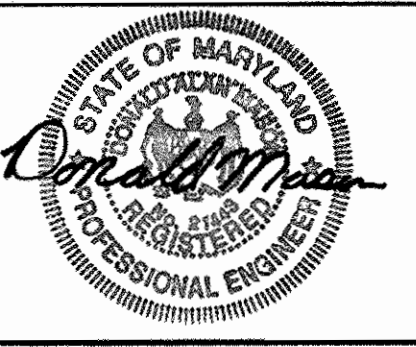


DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND

...
CHIEF, DEVELOPMENT ENGINEERING DIVISION

5/14/98
DATE

TSA GROUP, INC.
planning • engineering • surveying
8480 Baltimore National Pike Suite 418
Ellicott City, Maryland 21043



DES:	MLV				
DRN:	DBT				
CHK:	DAM	DBT	REVISE WATER LINE FROM STA 20+39 TO 22+23 AND 24+50 TO 25+50	11-23-98	
DATE:	11/97	DBT	REVISE WATER LINE FROM STA 18+35 TO 28+50	10-12-98	
	4/98	BY	NO.	REVISIONS	DATE

PROFILE OF WATER MAIN
ALONG SANNER ROAD

600 SCALE MAP NO. 41
BLOCK 4 AND 5

VILLAGE OF CEDAR RIDGE
PHASE 1
ELECTION DISTRICT NO. 5

CONTRACT NO. 34-3652-D

SCALE:
1"=50' HORIZ.
1"=5' VERT.

SHEET NO.
6 OF 11