

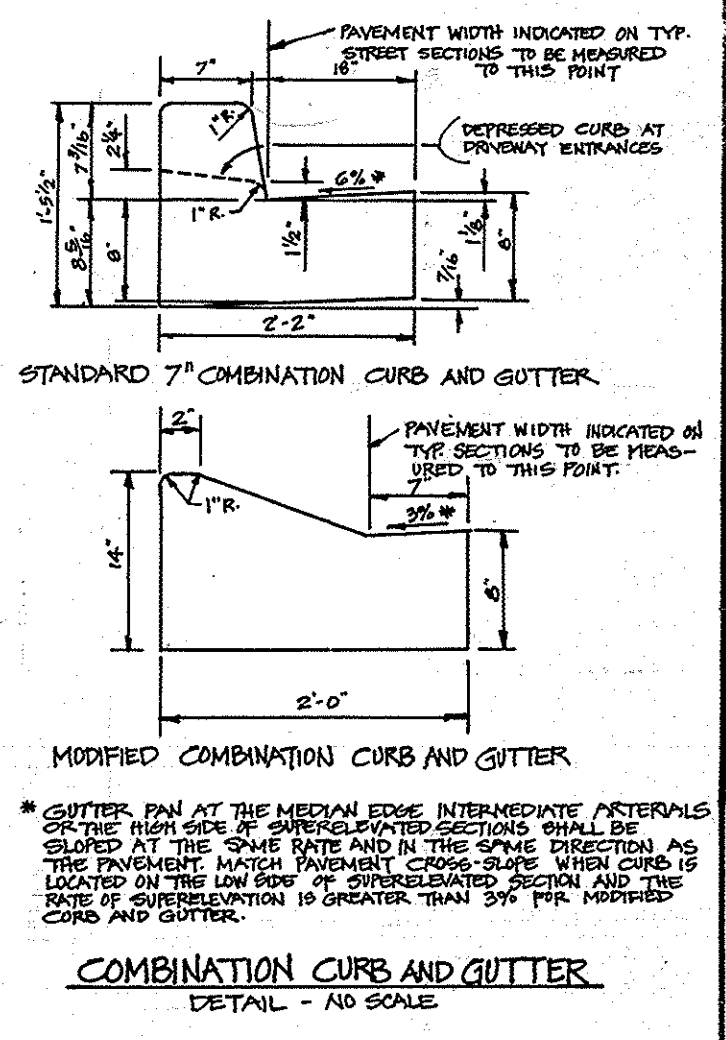
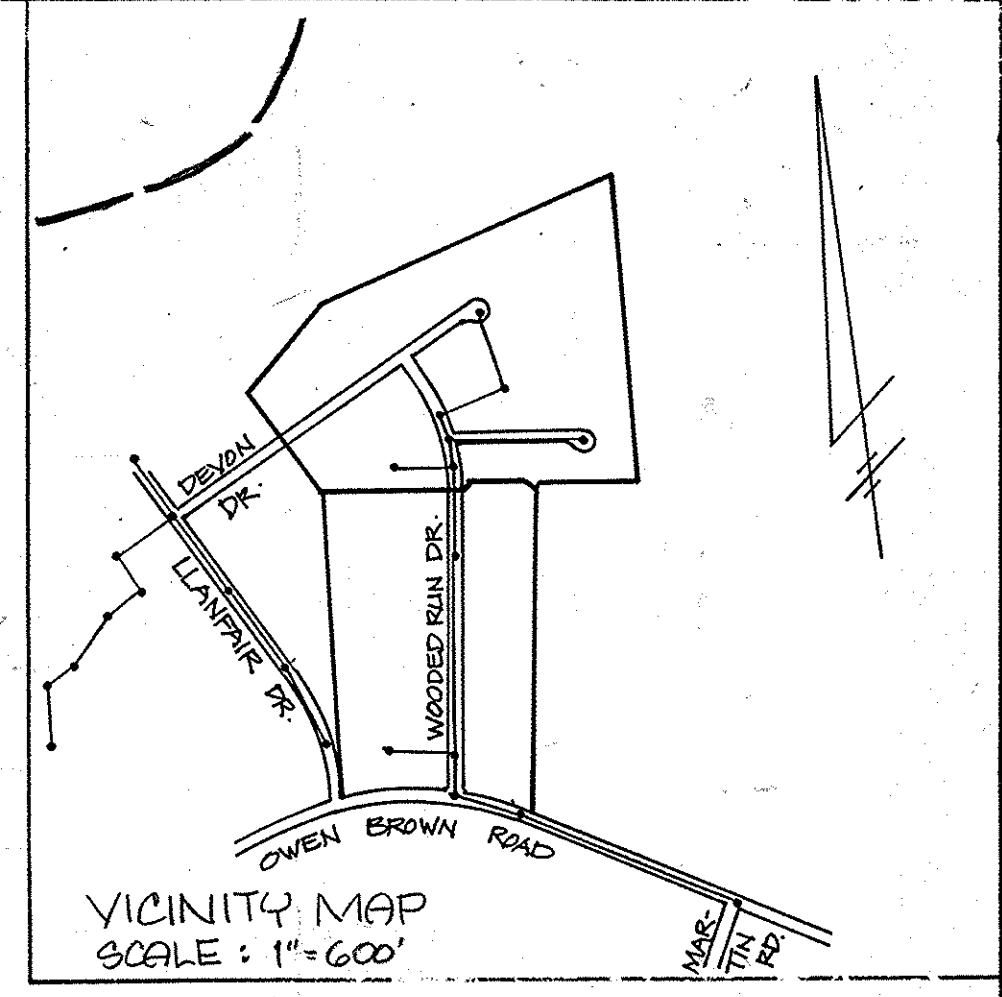
CURVE DATA

- WOODED RUN DRIVE**
- R = 225.00'
 - Δ = 29°06'55"
 - L = 114.33'
 - T = 58.43'
 - CH: N 08°53'44.5"W 113.11'
- SHADED LEAF COURT**
- R = 109.62'
 - Δ = 36°04'15"
 - L = 69.01'
 - T = 35.69'
 - CH: S 66°18'09.5"E 67.88'
- DEVON DRIVE**
- R = 40.00'
 - Δ = 252°08'29"
 - L = 176.03'
- DEVON DRIVE**
- R = 35.00'
 - Δ = 72°08'29"
 - L = 44.01'
 - T = 25.50'
 - CH: N 48°16'02.5"W 41.21'

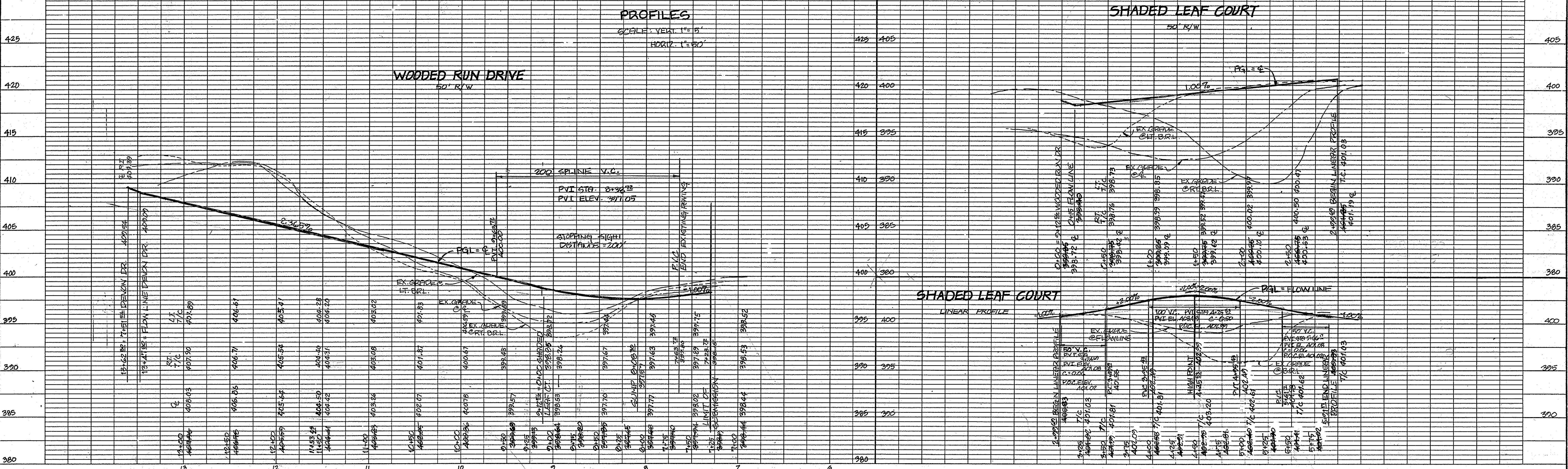
ENGINEER'S CERTIFICATE
I CERTIFY THAT THE FACILITIES WERE CONSTRUCTED IN ACCORDANCE WITH THESE PLANS.

SELBETH ASSOCIATES, LTD.
3217 CORPORATE CT.
ELICOTT CITY, MD. 21043
(410) 750-7003

DATE: 2-6-92



OWNER & DEVELOPER
JTERS, INC.
8600 KELLER AVE.
STEVENSON, MD. 21153



APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING.

CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION

APPROVED: FOR STORM DRAINAGE SYSTEMS & PUBLIC ROADS, FOR PUBLIC WATER & PUBLIC SEWER, HOWARD COUNTY DEPT. OF PUBLIC WORKS.

CHIEF BUREAU OF ENGINEERING

SHANABERGER & LANE
8450 BALTIMORE NATIONAL PIKE
ELICOTT CITY, MD. 21043
(301) 461-9563

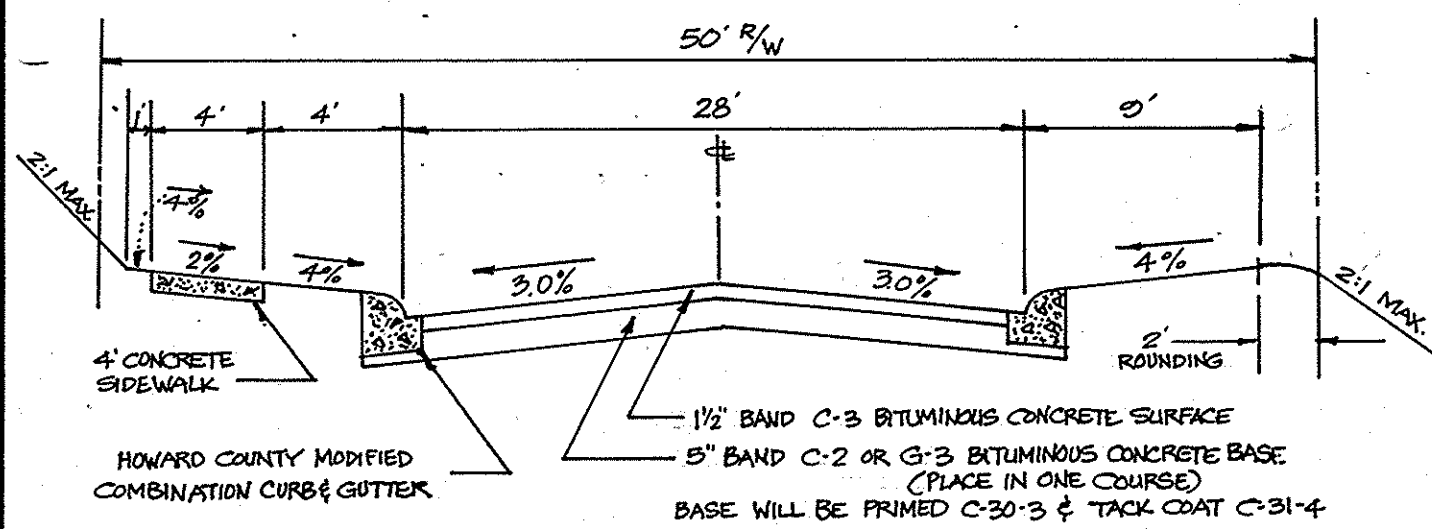
DES	DRN	CHK	DATE	BY	NO.	REVISION	DATE
GSS	GSS	RTB	4/11/88				

OWEN BROWN WOODS
SEC. 1, AREA 2
LOTS 21-65
ROAD & STORM DRAIN CONSTRUCTION DRAWINGS

PLAN & PROFILE OF WOODED RUN DRIVE & SHADED LEAF COURT

SCALE AS SHOWN
SHEET 1 OF 5

⊙ DESIGNATES MIN. 2 1/4" CALIPER "ACER RUBROM" RED MAPLES @ MAX. 40' O/C.

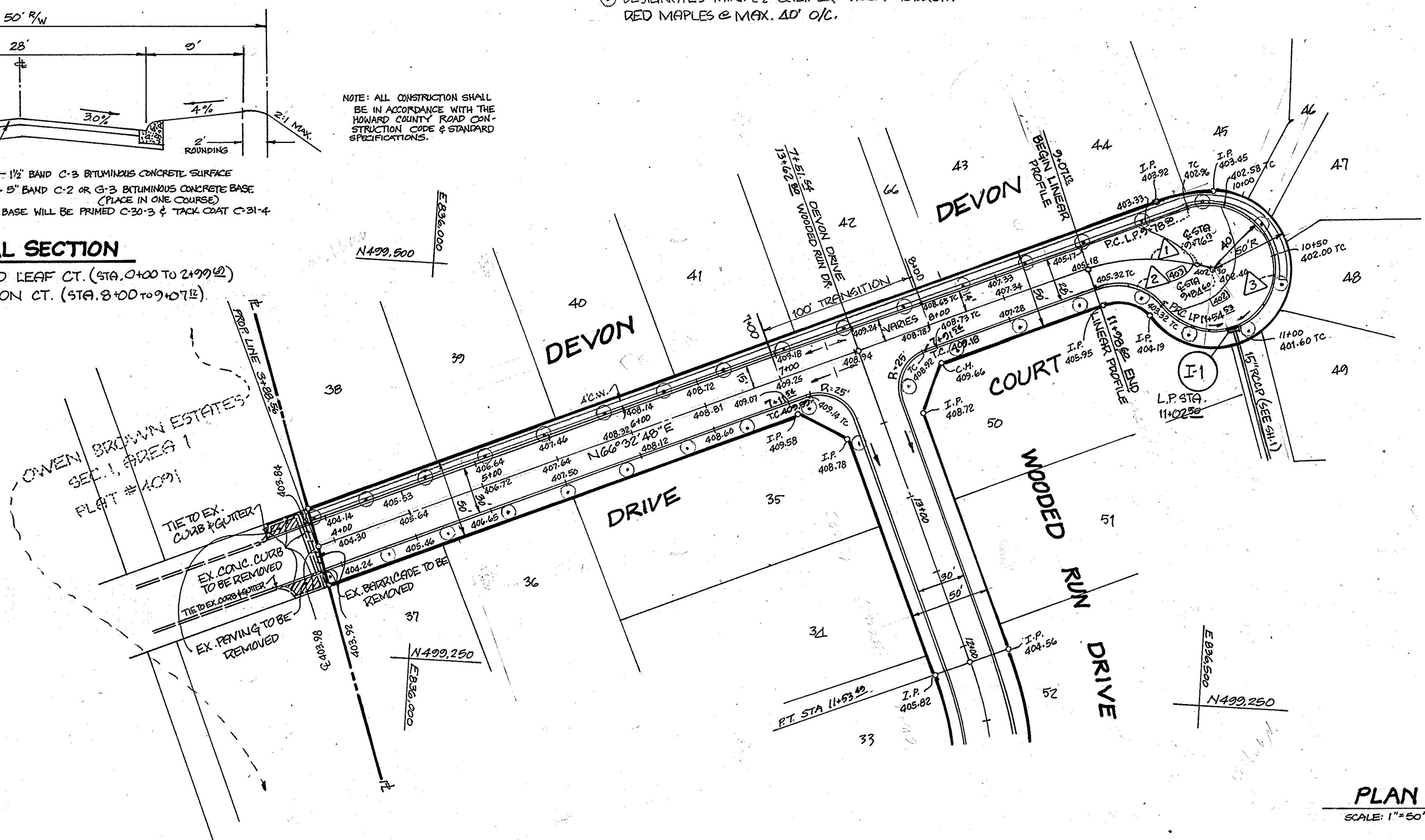


NOTE: ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE & STANDARD SPECIFICATIONS.

TYPICAL SECTION

SHADED LEAF CT. (STA. 0+00 TO 2+99.92)
DEVON CT. (STA. 8+00 TO 9+10.71)

OWEN BROWN ESTATES
SEC. 1, AREA 1
PLAT #14091

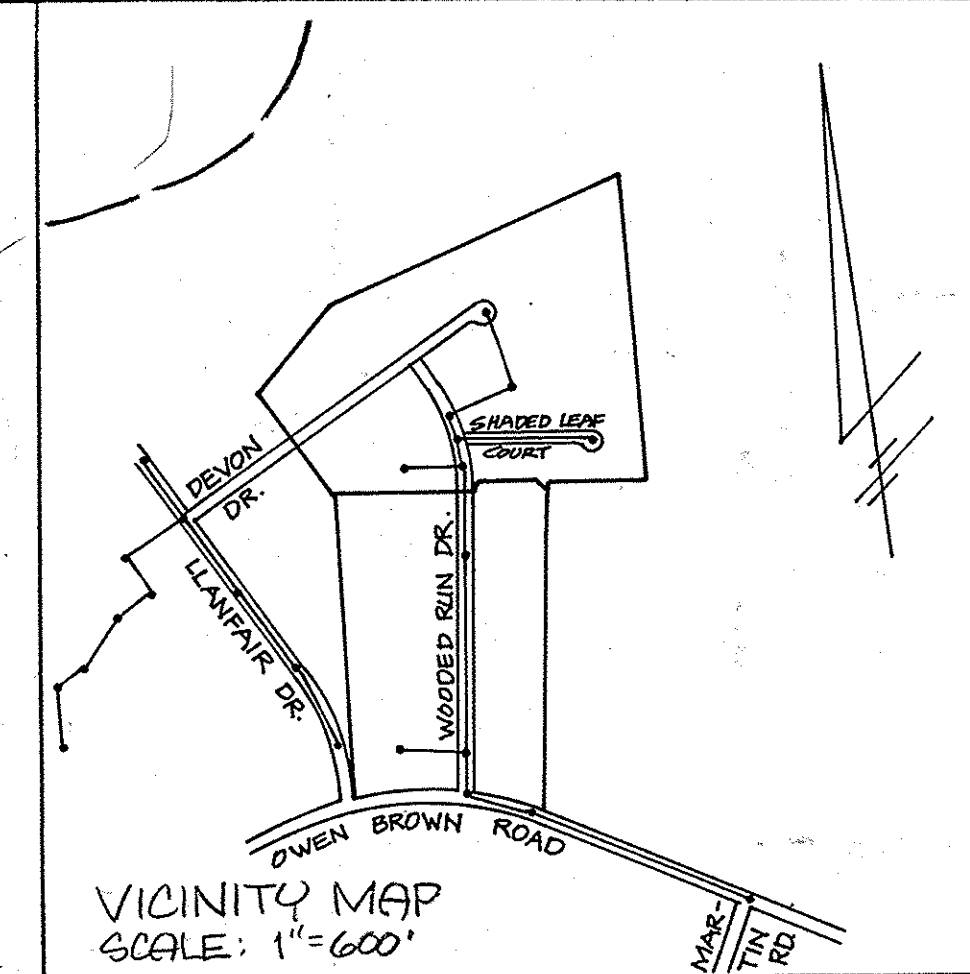


CURVE DATA

- 1 R= 109.62'
Δ= 36°04'15"
L= 69.01'
T= 35.69'
CH = N84°34'55.5"E 67.88'
- 2 R= 35.00'
Δ= 72°08'29"
L= 44.01'
T= 25.50'
CH = S77°22'57.5"E 41.21'
- 3 R= 40.00'
Δ= 252°08'29"
L= 176.03'

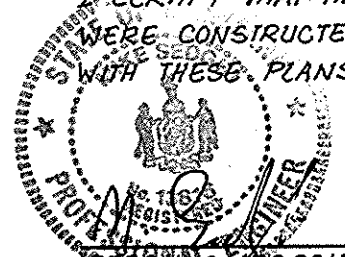
PLAN

SCALE: 1" = 50'



ENGINEER'S CERTIFICATE

I CERTIFY THAT THE FACILITIES WERE CONSTRUCTED IN ACCORDANCE WITH THESE PLANS.

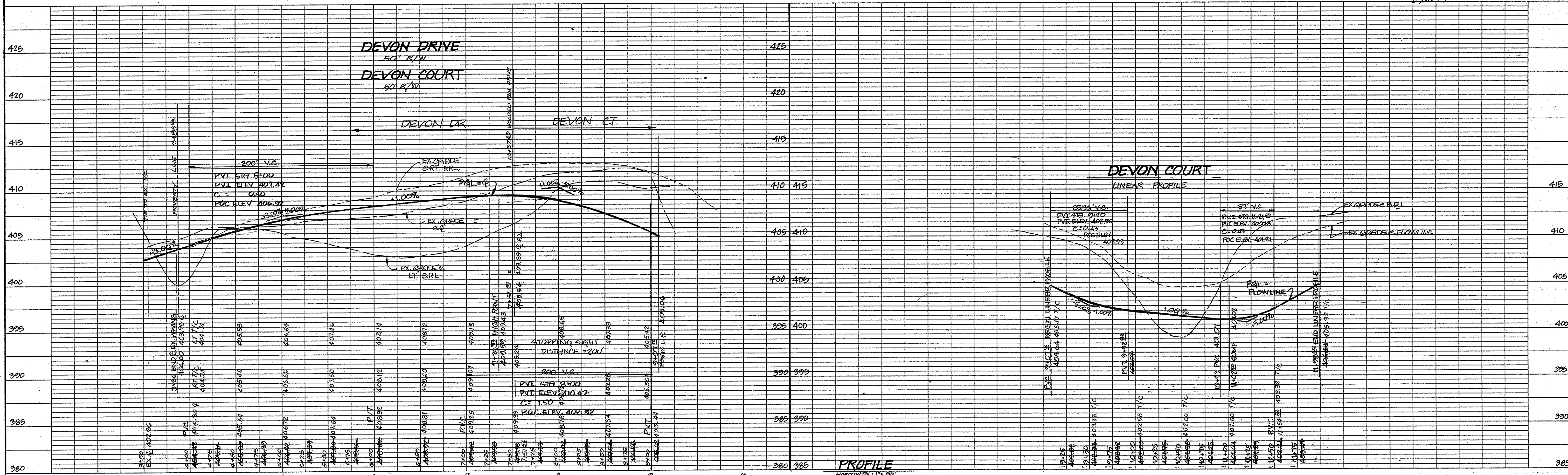
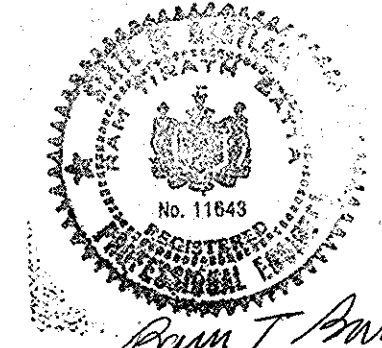


2-6-92 DATE

SCOTT M. SHANABARGER, LTD
3211 CORPORATE COURT
ELLICOTT CITY, MD. 21043
(410) 750-9003

OWNER & DEVELOPER

JIERS, INC.
8609 KELLER AVE.
STEVENSON, MD. 21153



APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING.
[Signature]
CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION

APPROVED: FOR STORM DRAINAGE SYSTEMS & PUBLIC ROADS, FOR PUBLIC WATER & PUBLIC SEWER, HOWARD COUNTY DEPT. OF PUBLIC WORKS.
[Signature]
CHIEF, BUREAU OF ENGINEERING

SHANABERGER & LANE
8450 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MD. 21043
(301) 461-9563

DES. C/S	V.S.	1	SHOW TOP OF CURB EL. & REVISE C.L. ROAD. ELEV.	2-6-92
DRN. B/S				
CHK. R.T.B.				
DATE	BY	NO.	REVISION	DATE

**OWEN BROWN WOODS
SEC. 1, AREA 2
LOTS 21-65**
ROAD & STORM DRAIN CONSTRUCTION PLANS

PLAN & PROFILE OF DEVON DRIVE AND DEVON COURT

SCALE AS SHOWN
SHEET 2 OF 5

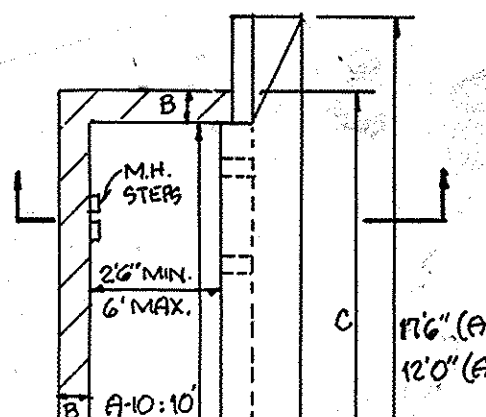
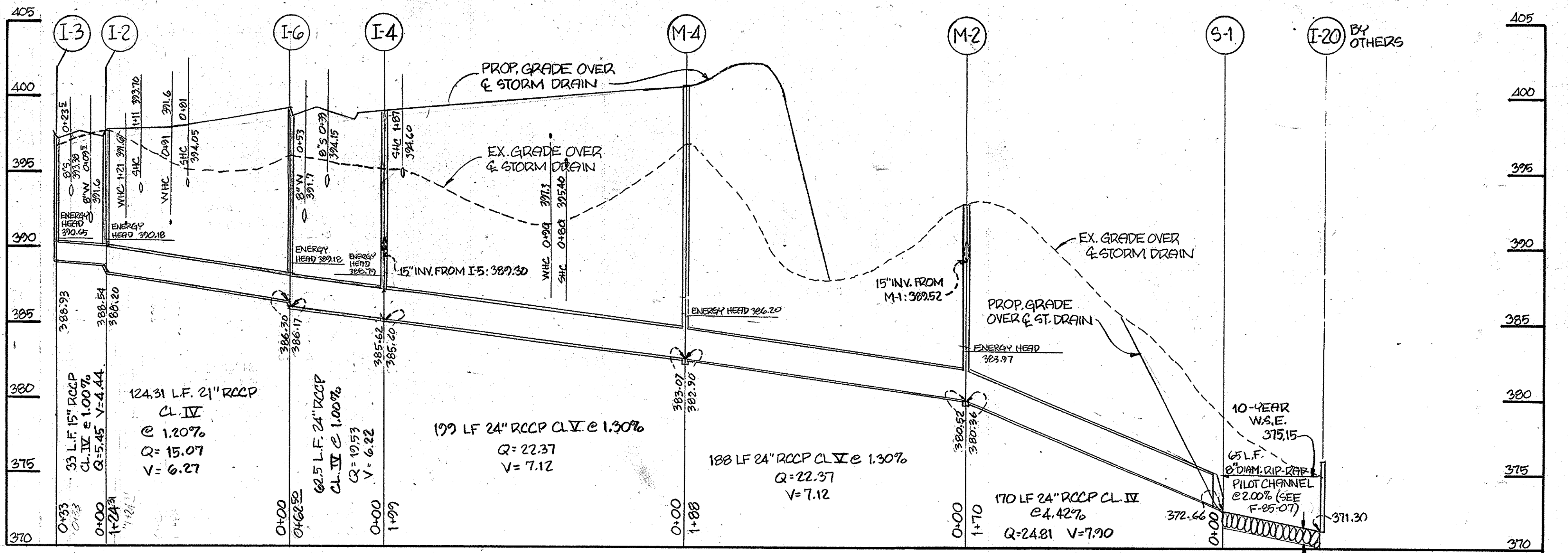
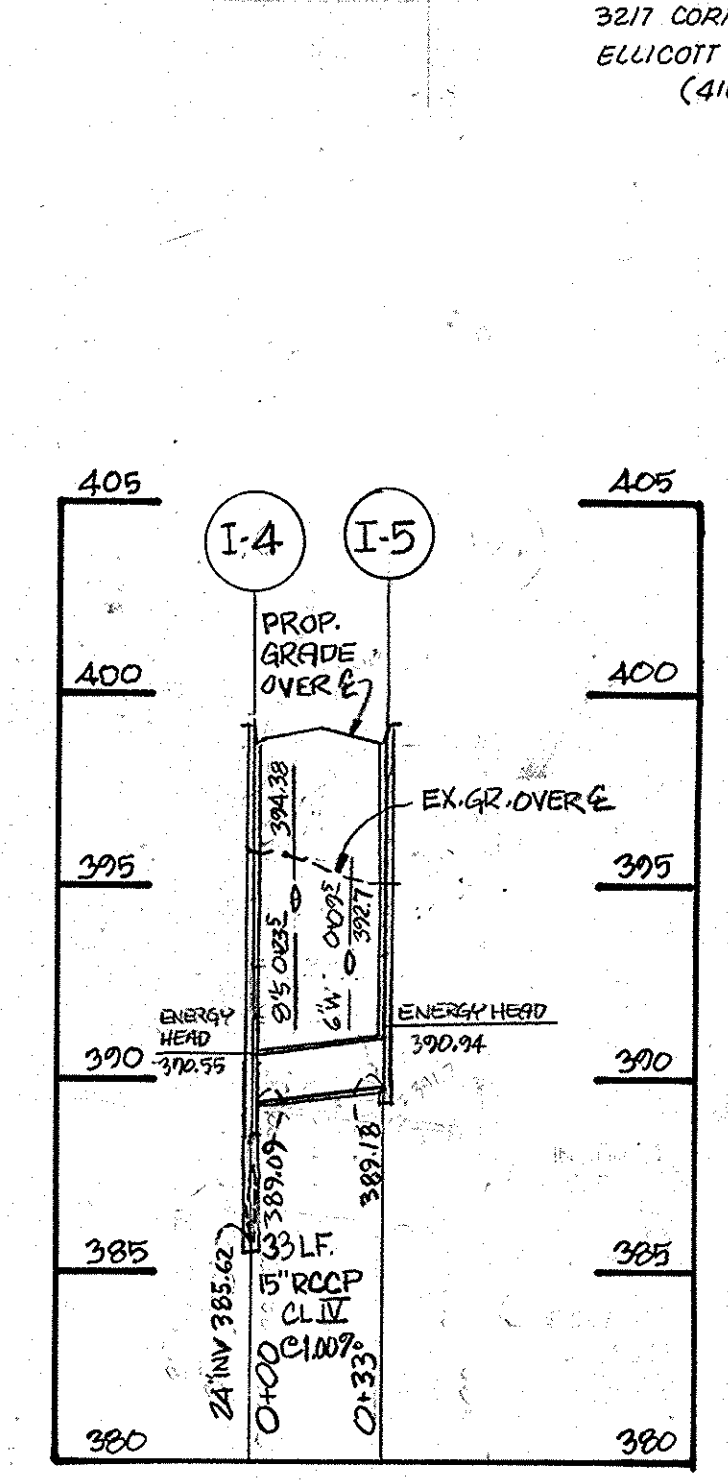
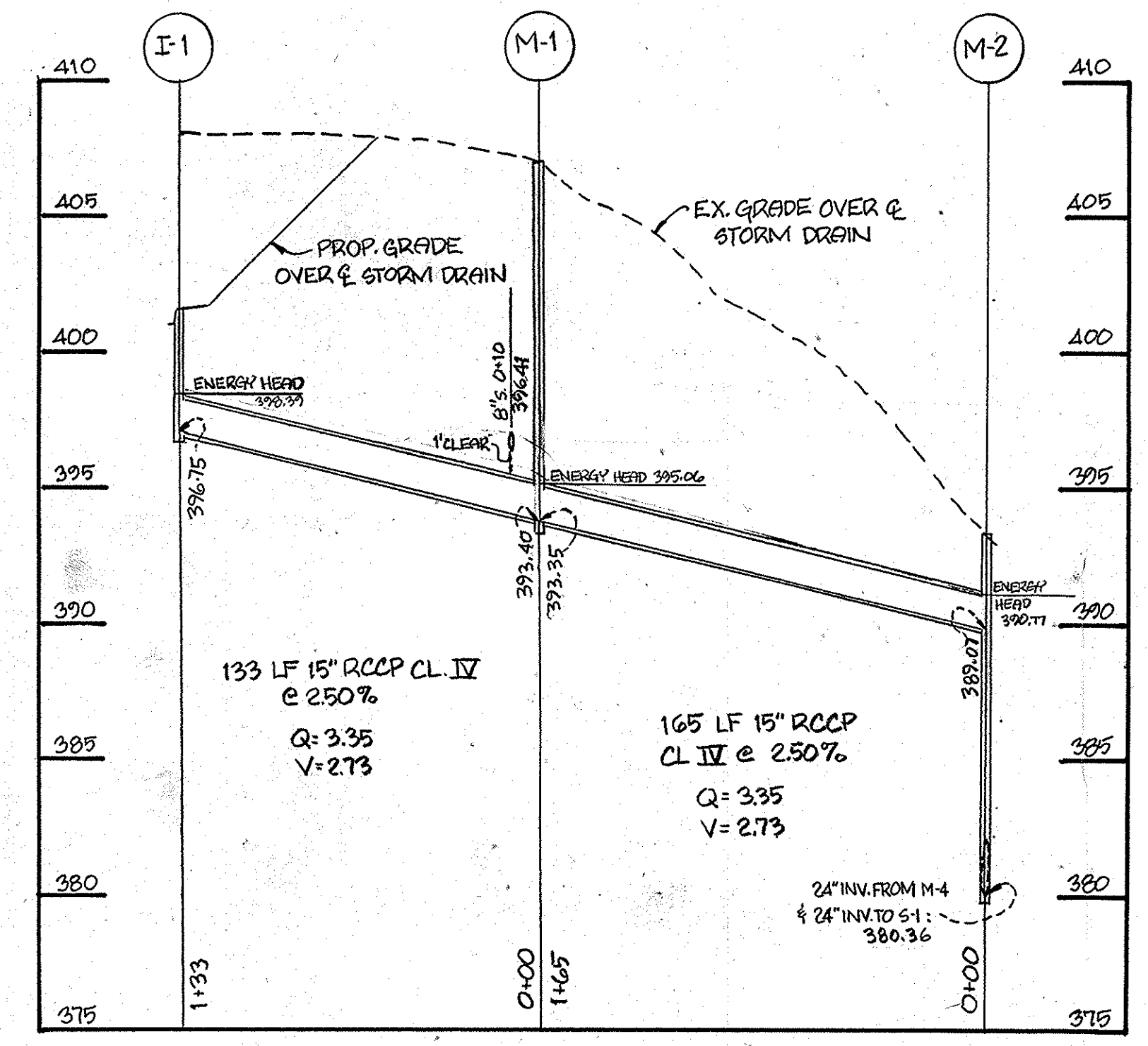
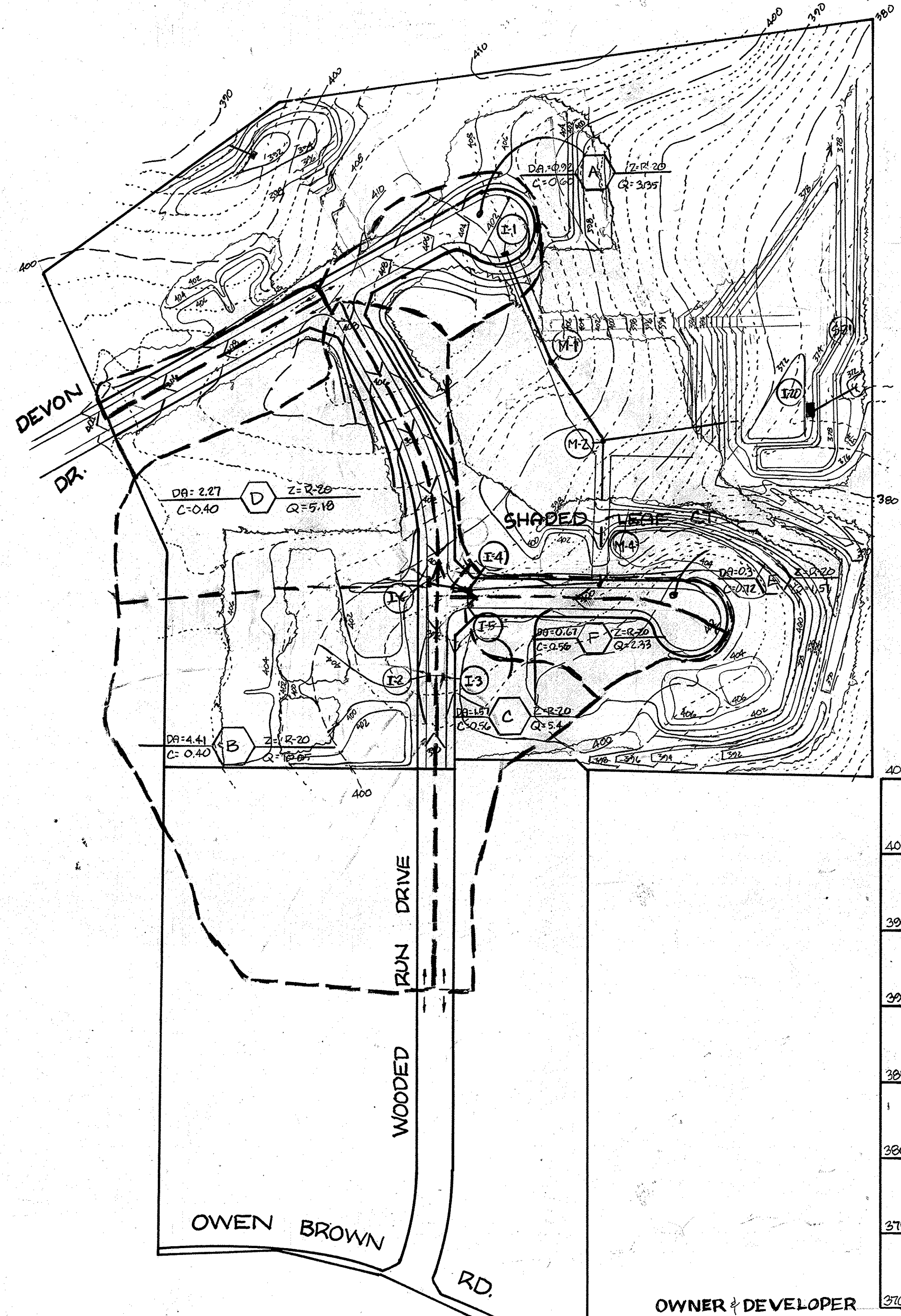
F-86-204

STRUCTURE SCHEDULE							
NUMBER	TYPE	STD. DETAIL NO.	TOP ELEVATION		INVERT ELEVATION		REMARKS
			UPPER	LOWER	IN	OUT	
I-1	A-5 (DEPRESSED)	SD 4.01, SD 4.01	401.56 T.C.	401.55 T.C.	—	396.75	
I-2	A-10 (DEP.)	SD 4.02, SD 4.01, R 3.06	397.54 T.C.	397.40 T.C.	388.54	388.20	
I-3	A-10 (DEP.)	SD 4.02, SD 4.01, R 3.06	397.62 T.C.	397.61 T.C.	—	388.93	
I-4	A-5	SD 4.01, R 3.06	398.77 T.C.	398.68 T.C.	389.09 IN	385.60	
I-5	A-5	SD 4.01, R 3.06	398.79 T.C.	398.75 T.C.	—	389.18	
I-6	A-10	SD 4.02, R 3.06	399.47 T.C.	399.20 T.C.	386.30	386.17	
M-1	STD. PRECAST MH	G 5.13	406.77 *	—	393.40	393.35	* SET TOP FLUSH WITH EXISTING GRADE
M-2	STD. PRECAST MH (PROP)	G 5.13	393.72 *	—	389.07 - 15"	380.36	* SET TOP FLUSH WITH EXISTING GRADE
M-4	STD. PRECAST MH	G 5.13	400.61	—	383.07	382.98	
S-1	CONC. END SECTION	SD 5.51 OR SD 5.52	—	—	—	372.66	
I-20	SEE F-85-07						SEE F-85-07
S-21	SEE F-85-07						SEE F-85-07

PIPE SCHEDULE

SIZE	TYPE	LENGTH
15"	RCCP CL. IV	364 L.F.
21"	RCCP CL. IV	125 L.F.
24"	RCCP CL. IV	233 L.F.
24"	RCCP CL. V	387 L.F.

ENGINEER'S CERTIFICATE
 I CERTIFY THAT THE FACILITIES WERE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS OF THE STATE OF MARYLAND.
 SEDGWICK & ASSOCIATES, LTD. DATE 2-6-92
 3217 CORPORATE COURT
 ELLICOTT CITY, MD. 21043
 (410) 750-9003



* REINFORCING = #4 @ 10" E.W. REINFORCING CONTINUOUS AT CORNERS.
 ** WALL THICKNESS (B) MAY BE STEPPED AT DEPTHS SHOWN.

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING.
 DATE 5-18-97

APPROVED: FOR STORM DRAINAGE SYSTEMS & PUBLIC ROADS, FOR PUBLIC WATER & PUBLIC SEWER, HOWARD COUNTY DEPT. OF PUBLIC WORKS.
 DATE 5-21-97

SHANABERGER & LANE
 8450 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MD. 21043
 (301) 461-2563

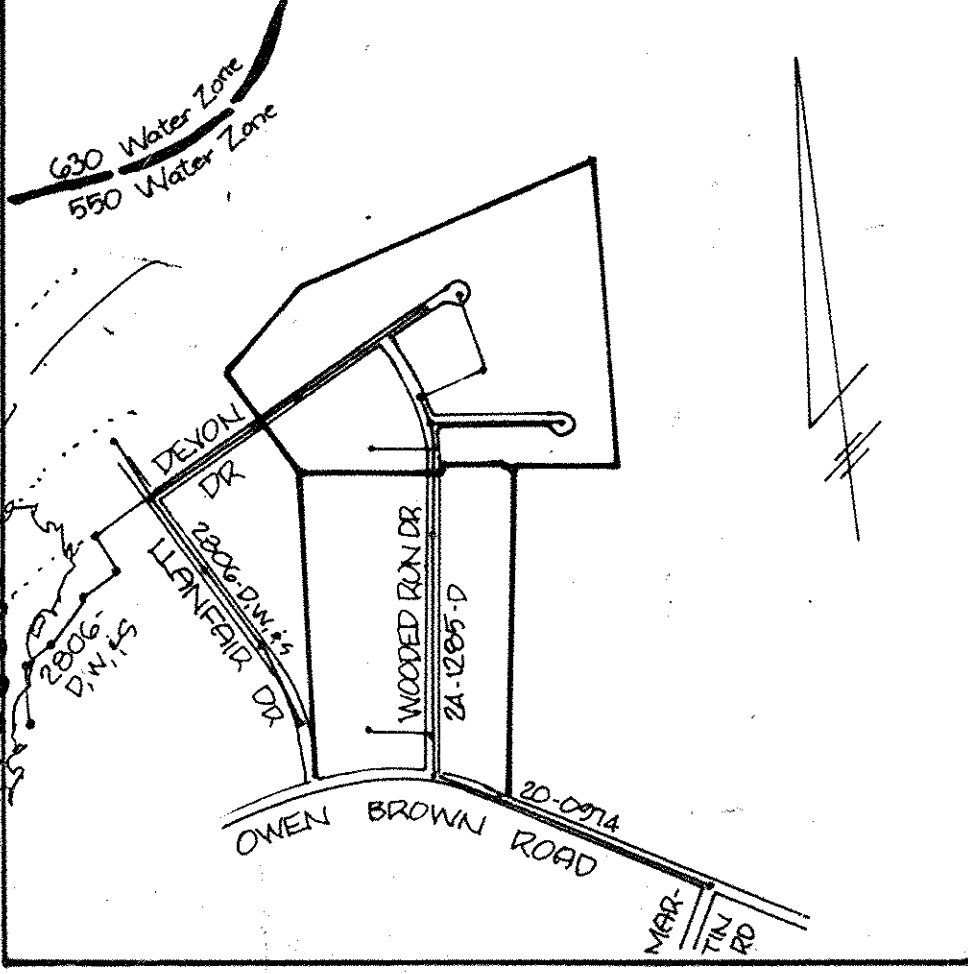
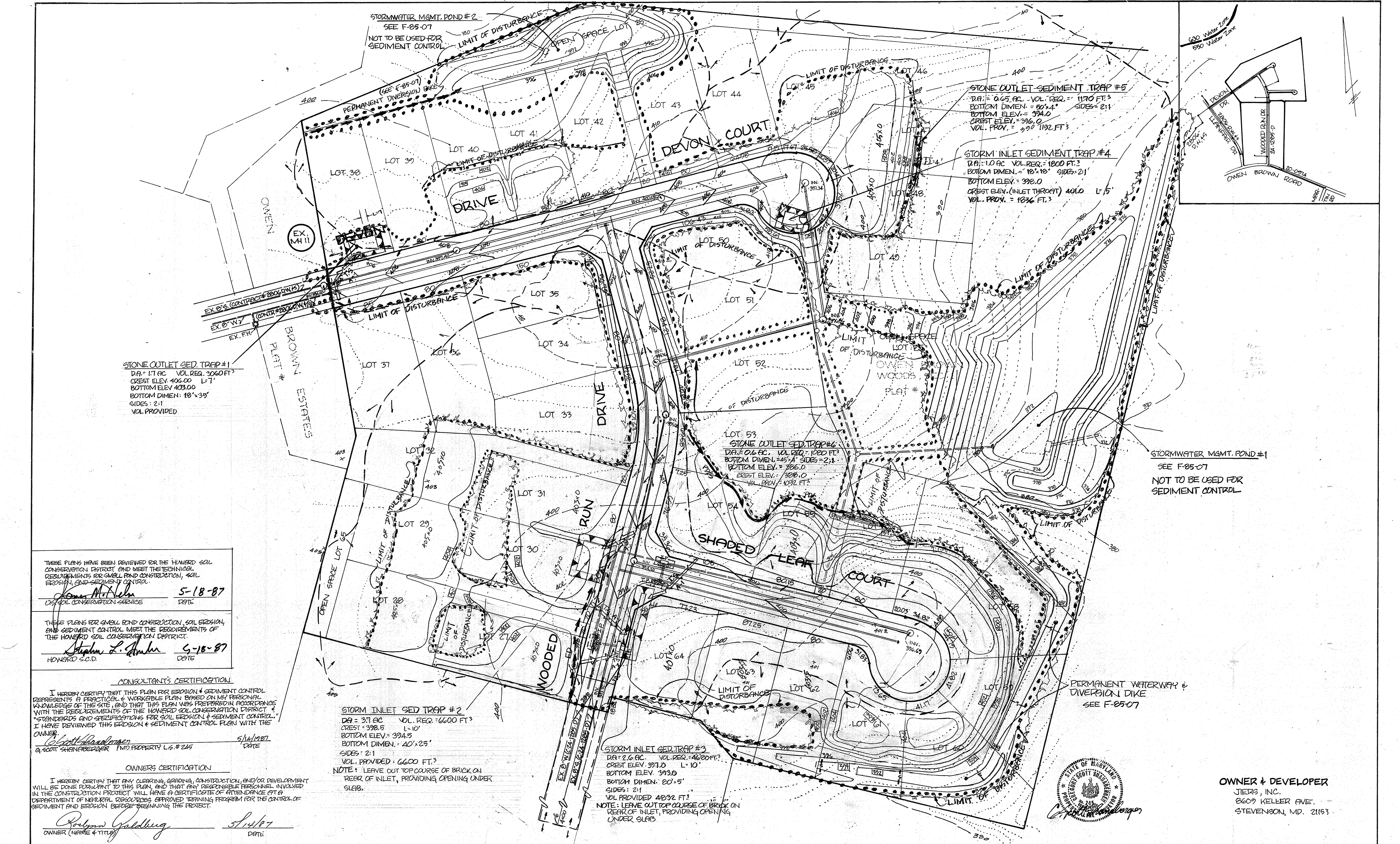
DESIGNED	V.S.	1	REVISE INVERT ELEVATIONS	2-6-92
GSS				
DRAWN				
CHECKED				
DATE				
BY				
NO.				
REVISION				
DATE				

OWEN BROWN WOODS
 SEC. 1, AREA 2
 LOTS 27-65
 ROAD & STORM DRAIN CONSTRUCTION PLANS

STORM DRAIN PROFILES & DRAINAGE AREA MAP

SCALE:
 SHEET 3
 OF 5

F-86-204



STONE OUTLET SED. TRAP #1
 DA: 1.7 AC VOL. REQ. 3060 FT³
 CREST ELEV. 406.00 L=7'
 BOTTOM ELEV. 403.00
 BOTTOM DIMEN. 18'x39'
 SIDES: 2:1
 VOL. PROVIDED

STONE OUTLET SEDIMENT TRAP #5
 DA: 0.65 AC VOL. REQ. = 1170 FT³
 BOTTOM DIMEN. = 80'x4' SIDES= 2:1
 BOTTOM ELEV. = 394.0
 CREST ELEV. = 396.0
 VOL. PROV. = 390 1192 FT³

STORM INLET SEDIMENT TRAP #4
 DA: 1.0 AC VOL. REQ. = 1800 FT³
 BOTTOM DIMEN. = 18'x18' SIDES= 2:1
 BOTTOM ELEV. = 398.0
 CREST ELEV. (INLET THROAT) 401.0 L=5'
 VOL. PROV. = 1836 FT³

STONE OUTLET SED. TRAP #6
 DA: 0.6 AC VOL. REQ. = 1020 FT³
 BOTTOM DIMEN. = 45'x4' SIDES= 2:1
 BOTTOM ELEV. = 396.0
 CREST ELEV. = 398.0
 VOL. PROV. = 1092 FT³

STORM INLET SED. TRAP #2
 DA = 3.7 AC VOL. REQ. = 6600 FT³
 CREST = 398.5 L=10'
 BOTTOM ELEV. = 394.5
 BOTTOM DIMEN. = 40'x25'
 SIDES: 2:1
 VOL. PROVIDED = 6600 FT³

STORM INLET SED. TRAP #3
 DA = 2.6 AC VOL. REQ. = 4680 FT³
 CREST ELEV. 397.0 L=10'
 BOTTOM ELEV. 393.0
 BOTTOM DIMEN. 20'x5'
 SIDES: 2:1
 VOL. PROVIDED 4832 FT³
 NOTE: LEAVE OUT TOP COURSE OF BRICK ON REAR OF INLET, PROVIDING OPENING UNDER SLAB.

STORMWATER MGMT. POND #1
 SEE F-85-07
 NOT TO BE USED FOR SEDIMENT CONTROL

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SMALL POND CONSTRUCTION, SOIL EROSION, AND SEDIMENT CONTROL.

James McNeil 5-18-87
 DISTRICT SOIL CONSERVATION SERVICE DATE

THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION, AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Stephen L. Amber 5-18-87
 HOWARD S.C.D. DATE

CONSULTANT'S CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION & SEDIMENT CONTROL REPRESENTS A PRACTICAL & WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE, AND THAT THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT & STANDARDS AND SPECIFICATIONS FOR SOIL EROSION & SEDIMENT CONTROL. I HAVE REVIEWED THIS EROSION & SEDIMENT CONTROL PLAN WITH THE OWNER.

Scott Shanaberger 5/14/87
 SCOTT SHANABERGER TWO PROPERTY L.S.# 2145 DATE

OWNERS CERTIFICATION

I HEREBY CERTIFY THAT ANY CLEARING, GRADING, CONSTRUCTION, AND/OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THIS PROJECT.

Polyma Golding 5/14/87
 OWNER (NAME & TITLE) DATE



OWNER & DEVELOPER
 JTERS, INC.
 8609 KELLER AVE.
 STEVENSON, MD. 21153

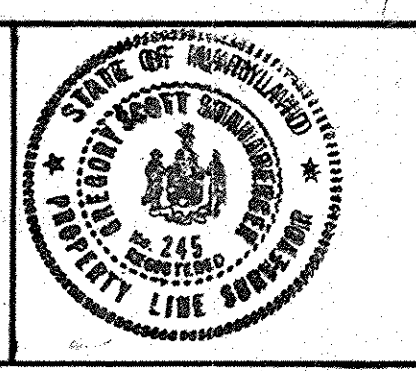
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING.

John W. Anderson 5/18/87
 CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION DATE

APPROVED: FOR STORM DRAINAGE SYSTEMS & PUBLIC ROADS, FOR PUBLIC WATER & PUBLIC SEWER, HOWARD COUNTY DEPT. OF PUBLIC WORKS.

William B. Bell 5-23-87
 CHIEF, BUREAU OF ENGINEERING DATE

SHANABERGER & LANE
 8726 TOWN & COUNTRY BLVD., SUITE 203
 ELLICOTT CITY, MD 21043
 (301) 461-9563



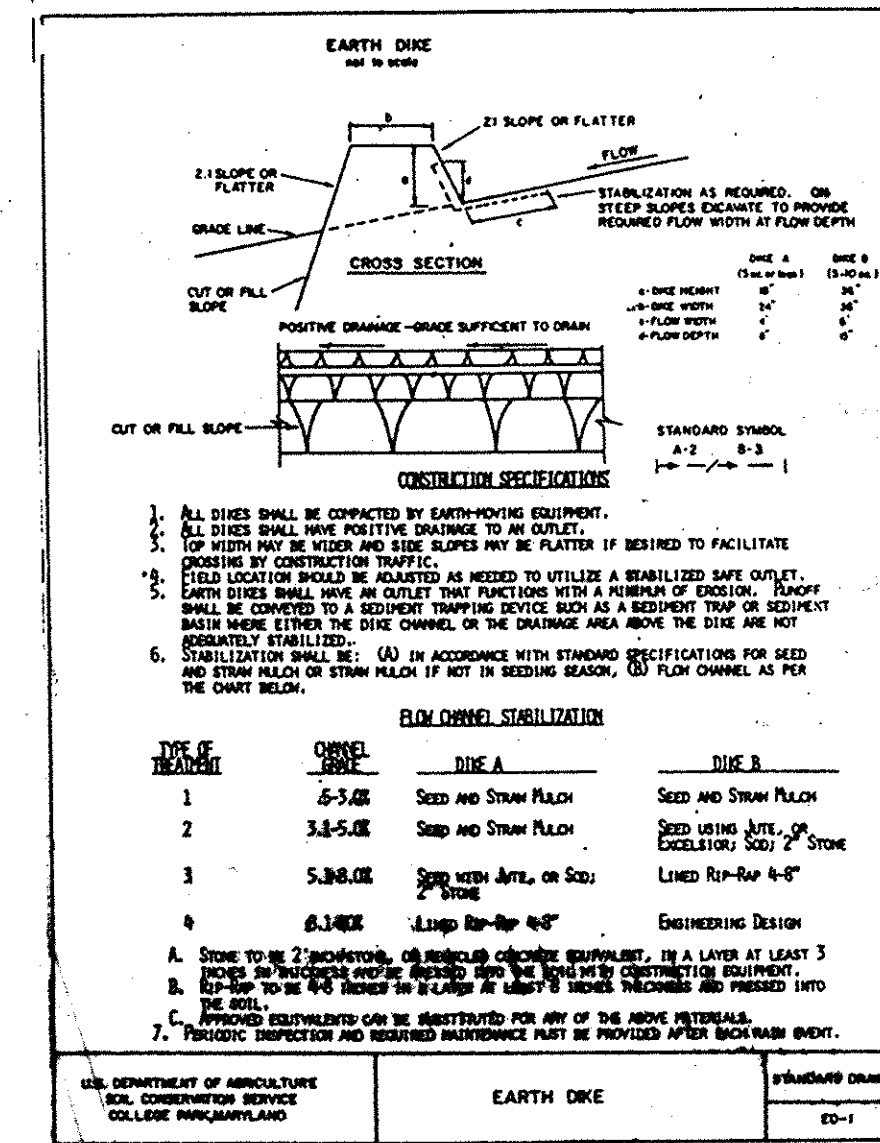
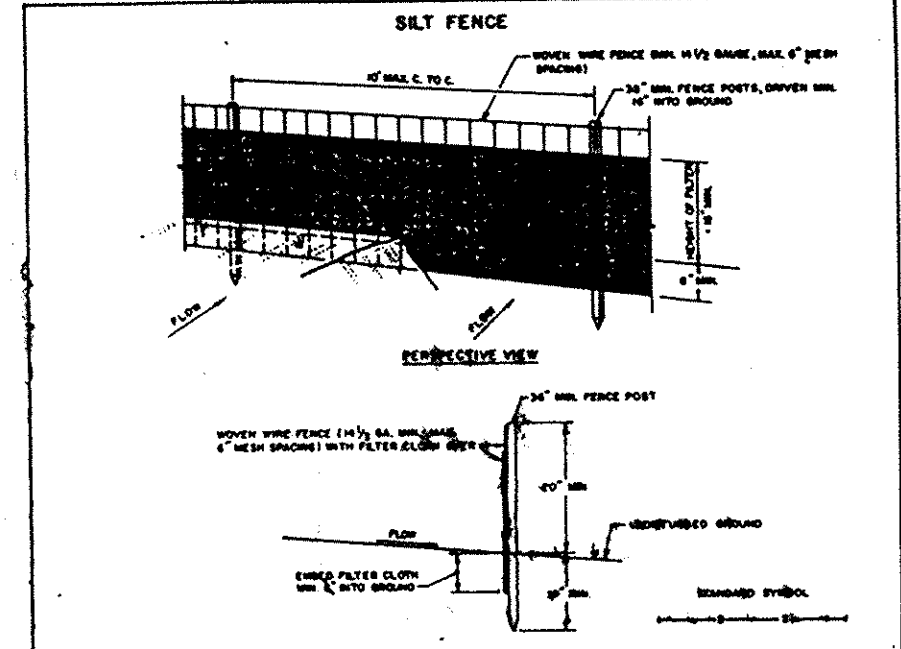
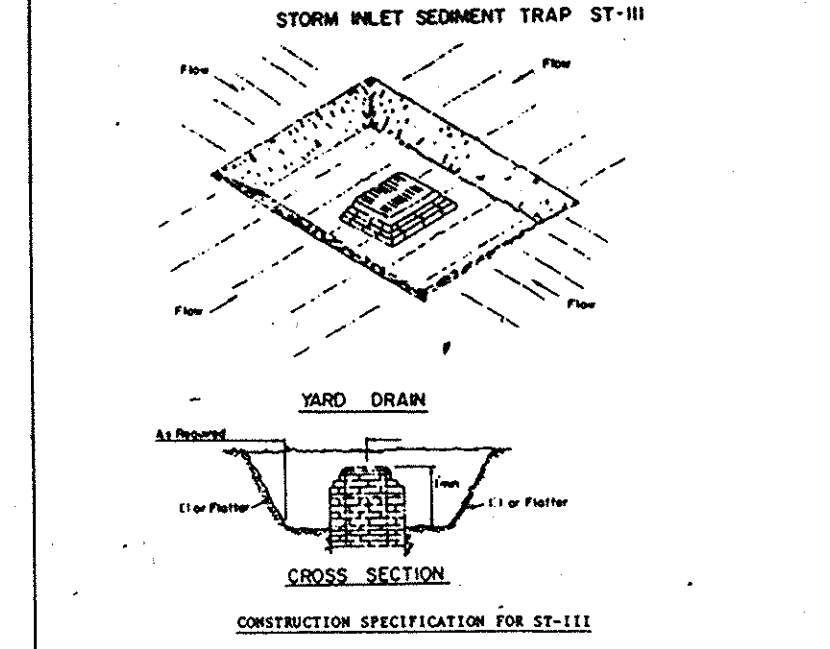
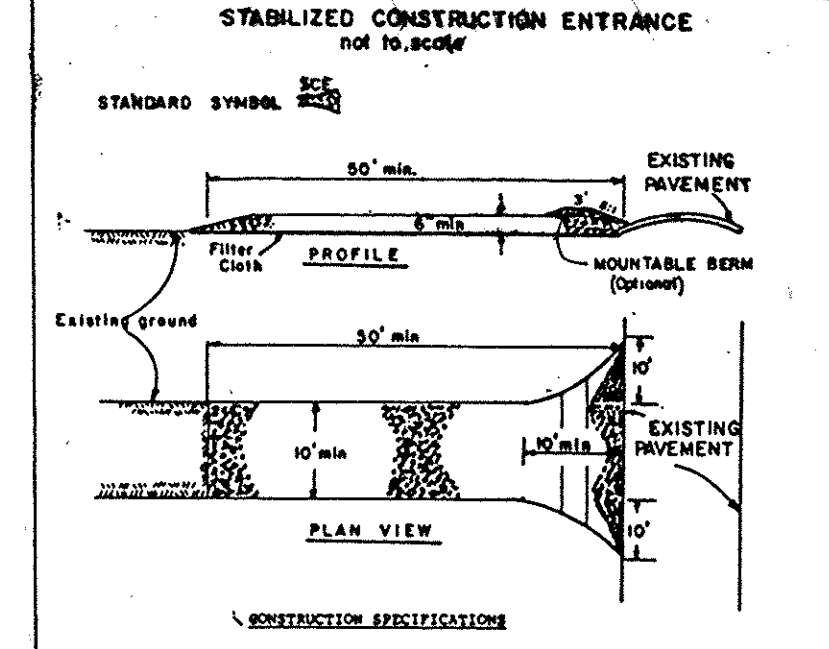
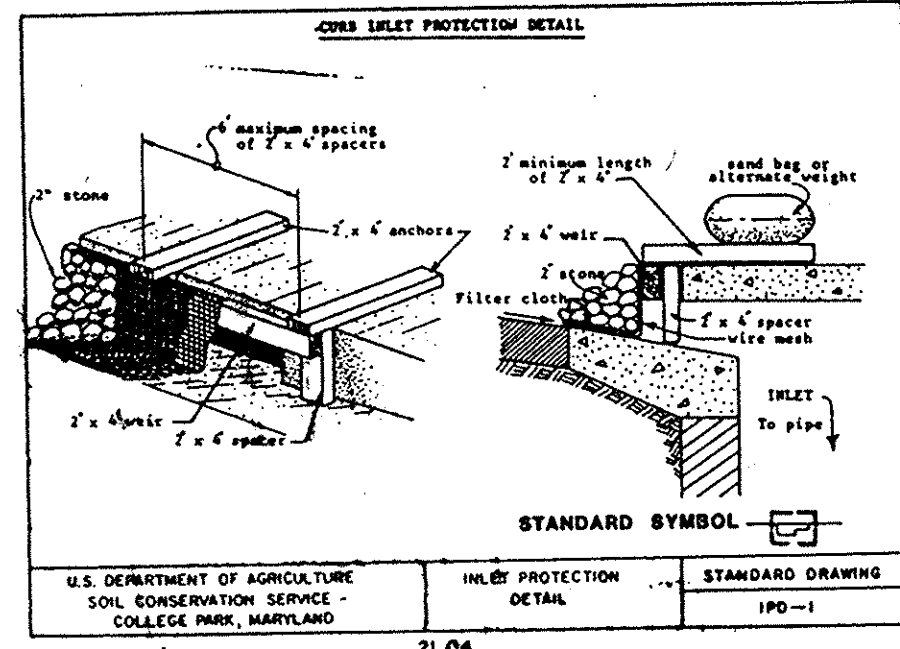
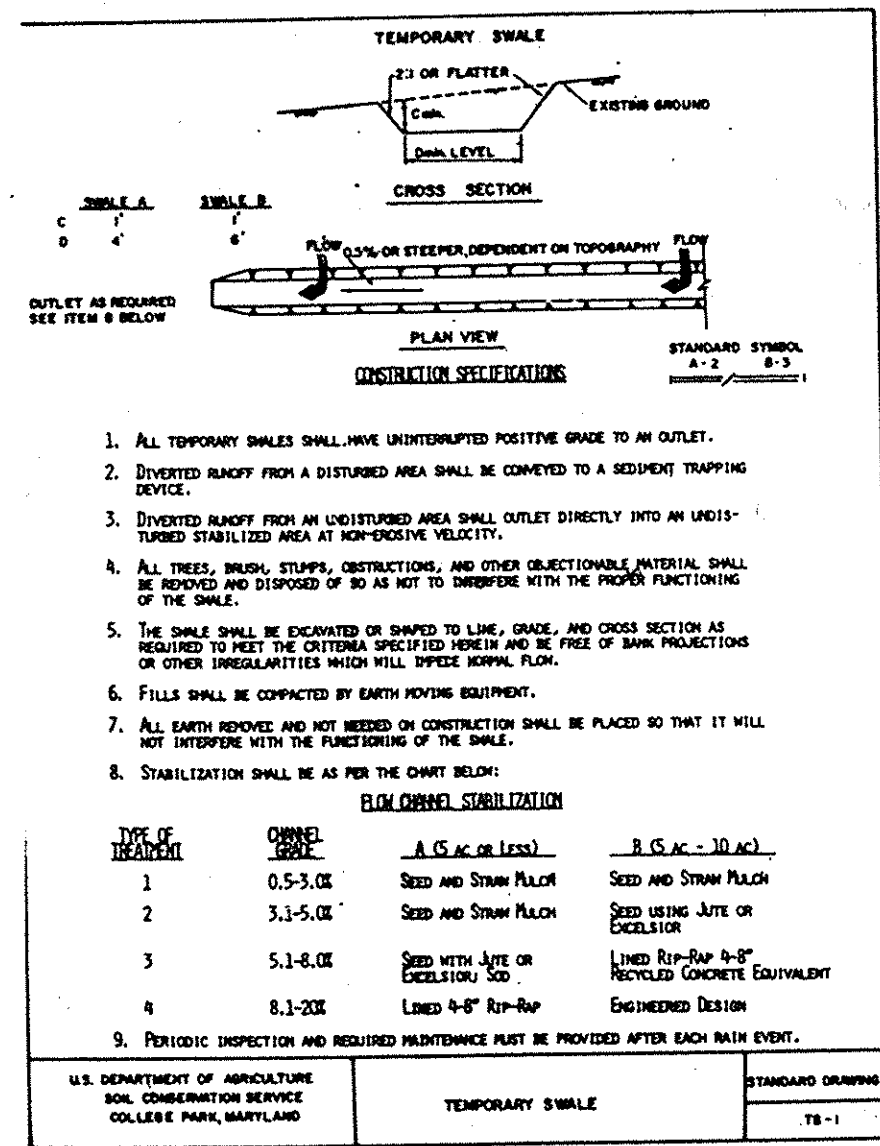
DESIGNED	CS		
DRAWN	CS		
CHECKED	CS		
DATE	4/1/86	BY	NO.
		REVISION	DATE

OWEN BROWN WOODS
 SEC. 1, AREA 2
 LOTS 27-65

GRADING, EROSION, AND SEDIMENT CONTROL PLAN

SCALE: 1"=50'
 SHEET 4
 OF 5

F-86-204



II. Construction

A. Curb Inlet Protection.

- Attach a continuous piece of wire mesh (30" x 4") with a throat length 1/4" to the 2" x 4" wire (measuring throat length along 2") as shown on the standard drawing.
- Place a piece of approved filter cloth (40-60 mesh) of the same dimensions as the wire mesh over the wire mesh and securely attach to the 2" x 4" wire.
- Securely seal the 2" x 4" wire to 3" long vertical supports to be located between the curb and inlet face (max. 6" apart).
- Place the assembly against the inlet throat and seal (minimum 2" length of 2" x 4" to the top of the curb at inlet location). These 2" x 4" anchors shall extend across the inlet top and be held in place by members of alternate height.

B. Stabilized Construction Entrance

- Stone size - 1/2" to 1" stone, or recycled or recycled concrete equivalent.
- Length - As required, but not less than 50 feet (except on a single residence lot where a 20 foot minimum length would apply).
- Thickness - Not less than 6" (6" inches).
- Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
- Surface water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance.
- Filter cloth - Will be placed over the entire area prior to placing of stone. A maintainable berm with 5:1 slopes will be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment applied, dropped, washed or tracked onto public rights-of-way must be removed immediately.
- Maintenance - Wholes shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
- Periodic inspection and needed maintenance shall be provided after each rain.

C. Storm Inlet Sediment Trap

- Sediment shall be removed and the trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode.
- The volume of sediment storage shall be 1000 cubic feet per acre of contributory drainage.
- The structure shall be inspected after each rain and repairs made as needed.
- Construction operations shall be carried out in such a manner that erosion and water pollution shall be minimized.
- The sediment trap shall be removed and the area stabilized when the constructed drainage area has been properly stabilized.
- All cut slopes shall be 1:1 or flatter.

D. Silt Fence

- When silt fence is to be installed, it shall be installed in a manner that will not impede the flow of water.
- Filter cloth shall be fastened securely to wooden posts with wire ties or staples.
- When no sections of filter cloth remain, the silt fence shall be removed and the area stabilized.
- Maintenance shall be provided after each rain.

SEDIMENT CONTROL NOTES:

- A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (992-2437)
- All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- Following initial soil disturbance or re disturbance, permanent or temporary stabilization shall be completed within a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1, b) 14 days as to all other disturbed or graded areas on the project site.
- All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
- All disturbed areas must be stabilized within the time period specified above in accordance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings (Sec. 51) sod (Sec. 54), temporary seeding (Sec. 50) and mulching (Sec. 52). Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
- All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
- Site Analysis:

Total Area of Site	2005 Acres
Area Disturbed	1105 Acres
Area to be roofed or paved	1.405 Acres
Area to be vegetatively stabilized	9.25 Acres
Total Cut	Cu. yds
Total Fill	Cu. yds
Offsite waste/borrow area location	N/A
- Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbances.
- Additional sediment control must be provided, if deemed necessary by the Howard County DPW sediment control inspector.
- On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before processing with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.
- If houses are to be constructed on an "As-Sold" basis, at random, Single Lot Sediment Control as shown below shall be implemented.
- All pipes to be blocked at the end of each day (see detail below). MA
- The total amount of straw bale dikes/silt fence equals 2570 L.F.

PERMANENT SEEDING NOTES

Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetation cover is needed.

Soil Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.

Soil Amendment: In lieu of soil test recommendations, use one of the following schedules:

- Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 square ft) and 400 lbs per acre 10-0-10 fertilizer (24 lbs/1000 sq ft) before seeding. Narrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-30 urea/ammonium fertilizer (9 lbs/1000 sq ft).
- Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 1000 lbs per acre 10-0-10 fertilizer (24 lbs/1000 sq ft) before seeding. Narrow or disc into upper three inches of soil.

Seeding: For the periods March 1 thru April 30, and August 1 thru October 15, seed with 40 lbs per acre (1.4 lbs/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 40 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre (0.07 lbs/1000 sq ft) of creeping Jongrass. During the period of October 15 thru February 15, protect site by: Option (1) 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring. Option (2) Seed with 40 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

Mulching: Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of untreated small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 210 gal per acre (3 gal/1000 sq ft) of unmodified asphalt on flat areas. On slopes 8 feet or higher, use 348 gal/acre (3 gal/1000 sq ft) for anchoring.

Maintenance: Inspect all seeded areas and make needed repairs, replacements and cleanings.

TEMPORARY SEEDING NOTES

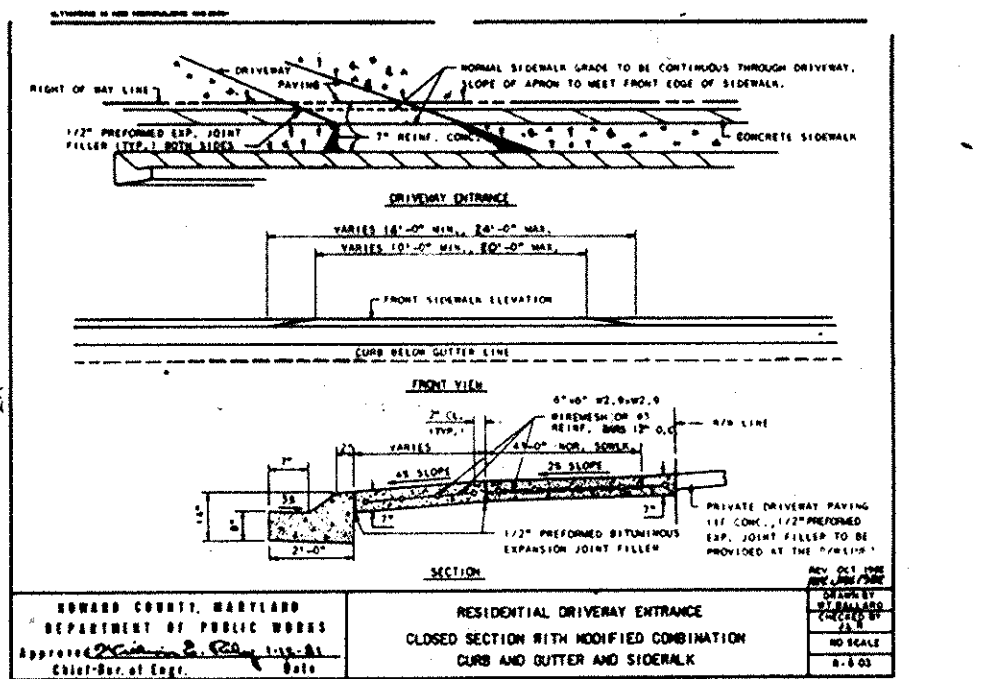
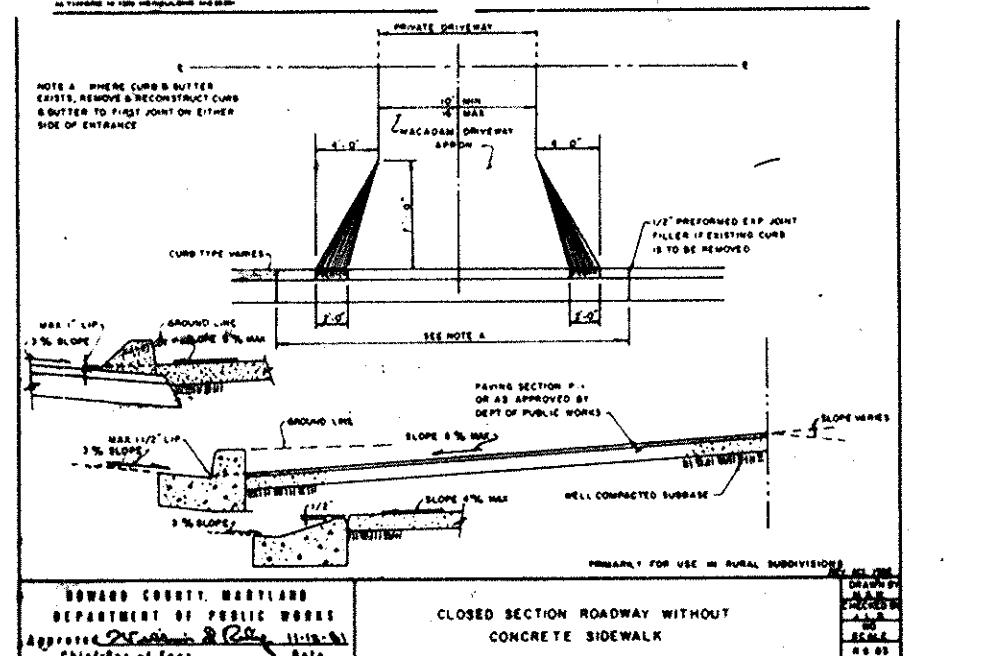
Apply to graded or cleared areas likely to be re disturbed where a short-term vegetative cover is needed.

Soil Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.

Soil Amendment: Apply 400 lbs per acre 10-0-10 fertilizer (24 lbs/1000 sq ft)

Seeding: For the periods March 1 thru April 30 and from August 15 thru November 15, seed with 20 lbs/acre of annual ryegrass (0.2 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 2 lbs per acre of creeping Jongrass (0.07 lbs/1000 sq ft). For the period November 15 thru February 15, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

Mulching: Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of untreated small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 210 gal per acre (3 gal/1000 sq ft) of unmodified asphalt on flat areas. On slopes 8 ft or higher, use 348 gal per acre (3 gal/1000 sq ft) for anchoring. Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.



OWNER & DEVELOPER
 JIERS, INC.
 8609 KELLER AVE.
 STEVENSON, MD. 21153

OWNERS/DEVELOPERS CERTIFICATION

"I, we hereby certify that any clearing, grading, construction and/or development will be done pursuant to this plan, and that any responsible personnel involved in the construction project will have a certificate of attendance at a Department of Natural Resources approved training program for the control of sediment and erosion before beginning the project."

Signature: *Robert Galbraith* Date: 5/14/87
 Owner/Developer (Name and Title) Date

CONSULTANT'S CERTIFICATION

"I certify that this plan of erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site, and that this plan was prepared in accordance with the requirements of the Howard County Soil Conservation District and "Standards and Specifications for Soil Erosion and Sediment Control." I have reviewed this erosion and sediment control plan with the owner/developer."

Signature: *C. Scott Fainberger* MD. License No. P-27243 Date: 5/14/87
 Name: C. SCOTT FAINGERBERGER

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT TO MEET THE TECHNICAL REQUIREMENTS FOR EROSION AND SEDIMENT CONTROL.

Signature: *Chris McNeil* DATE: 5-18-87
 U.S. SOIL CONSERVATION SERVICE

THESE PLANS FOR STABILIZED CONSTRUCTION SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Signature: *Stephen L. Huber* DATE: 5/18/87
 HOWARD S.C.D.

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING.
 Signature: *[Signature]* DATE: 5/18/87
 CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION

APPROVED: FOR STORM DRAINAGE SYSTEMS & PUBLIC ROADS FOR PUBLIC WATER & PUBLIC SEWER, HOWARD COUNTY DEPT. OF PUBLIC WORKS.
 Signature: *[Signature]* DATE: 5-21-87
 CHIEF, BUREAU OF ENGINEERING

DESIGNED	DRAWN	CHECKED	DATE
GA	GA	RTB	
BY	NO.	REVISION	DATE

SEDIMENT CONTROL NOTES & DETAILS
 OWEN BROWN WOODS
 SEC. 1, AREA 2, LOTS 27-65

SCALE: SHEET 5 OF 5

F-86-204