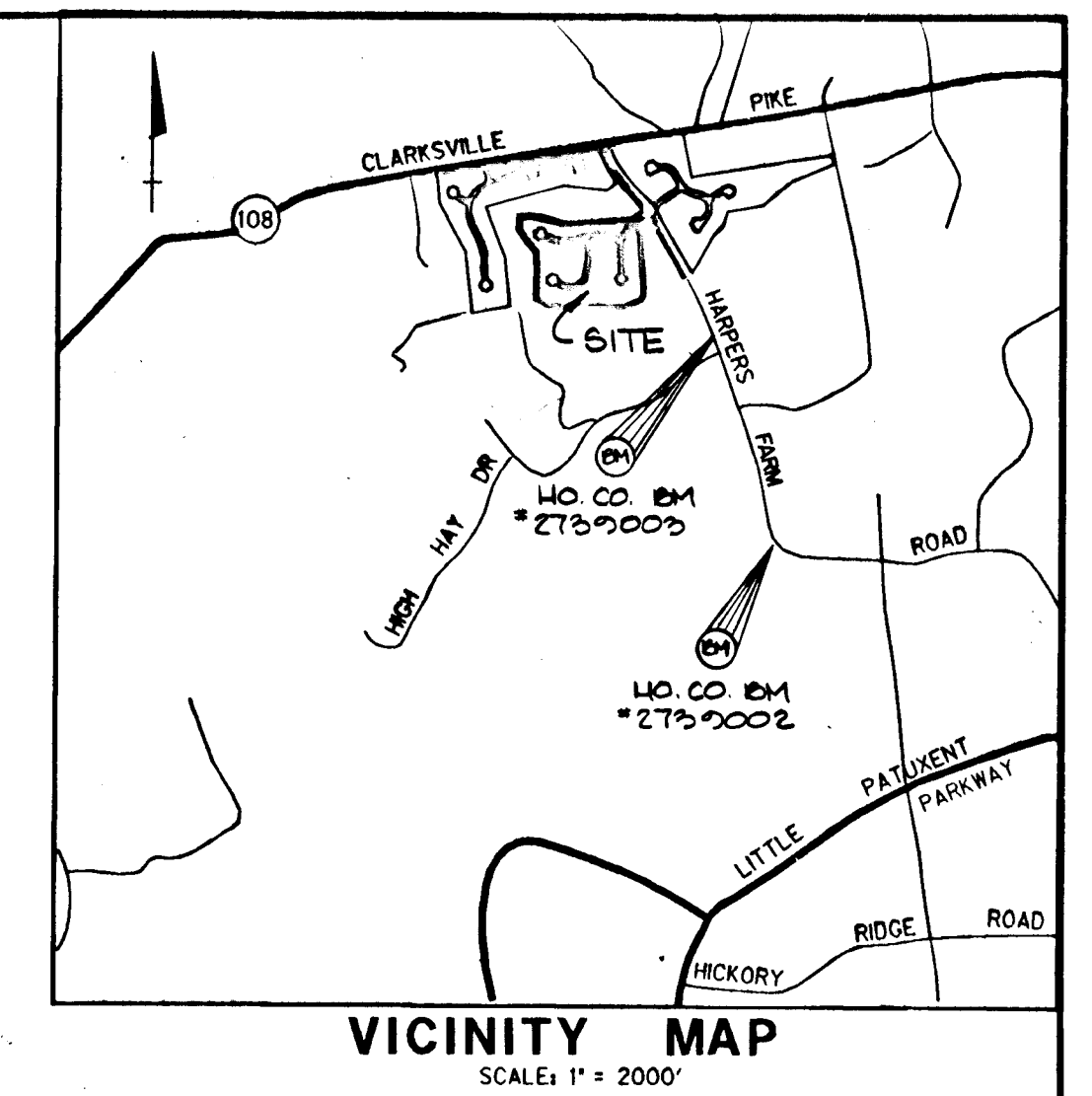


SHEET INDEX	
1	COVER SHEET
2	PLAN AND PROFILE
3	PLAN AND PROFILE
4	PLAN AND PROFILE
5	TYPICAL SECTIONS & DETAILS
6	STORM DRAIN PROFILES
7	WATER QUALITY PROFILES
8	SEDIMENT & EROSION CONTROL PLAN
9	SEDIMENT & EROSION CONTROL DETAILS
10	
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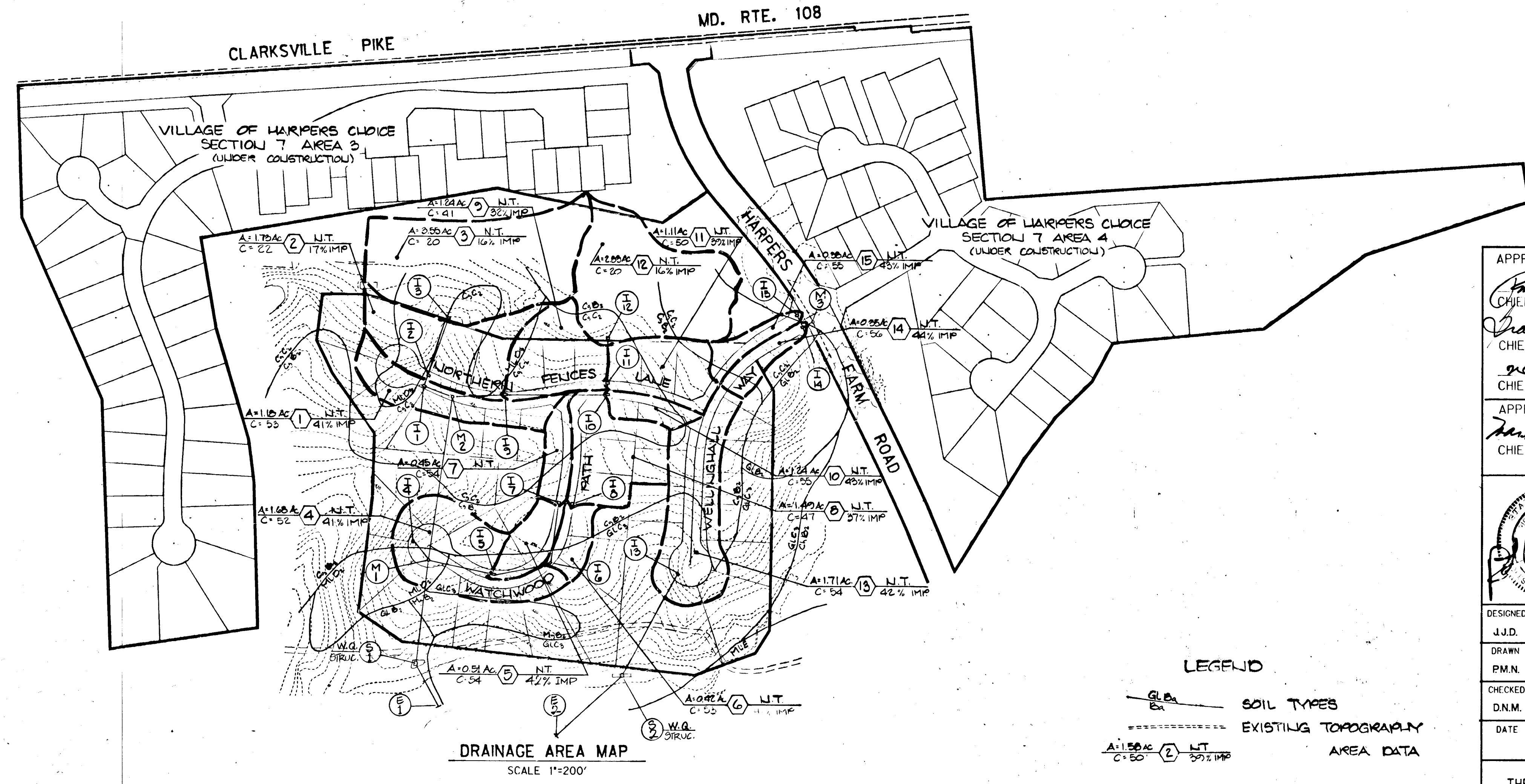
# VILLAGE OF HARPERS CHOICE SECTION 7 AREA 5 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND



**GENERAL NOTES**

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, I.E., STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION.
- APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN FROM BEST AVAILABLE INFORMATION THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL TEST PIT EXISTING UTILITIES AT LEAST FIVE (5) DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS TO VERIFY THEIR LOCATION AND ELEVATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF LOCATION OF UTILITIES IS OTHER THAN SHOWN.
- CONTRACTOR TO NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS:
 

MISS UTILITY	1-800-257-7777
C&P TELEPHONE COMPANY	752-9976
HOWARD COUNTY BUREAU OF UTILITIES	992-2366
AT&T CABLE LOCATION DIVISION	393-3553
BALTIMORE GAS AND ELECTRIC COMPANY	685-0123
STATE HIGHWAY ADMINISTRATION	531-5533
HOWARD COUNTY CONSTRUCTION/INSPECTION/SURVEY DIVISION (24 HOURS NOTICE PRIOR TO COMMENCEMENT OF WORK)	792-7272
- TOPOGRAPHY TAKEN FROM AERIAL SURVEY COMPILED BY 'MAPS, INC.' WITH SUBSEQUENT REVISIONS ACCORDING TO FIELD RUN TOPO & AS-BUILT DRAWINGS.
- ALL VERTICAL CONTROLS ARE BASED ON U.S.G.S. DATUM.
- THIS PLAT AND THE COORDINATES SHOWN HEREON ARE BASED ON THE MARYLAND STATE PLANE COORDINATE SYSTEM. REFERENCE HOWARD COUNTY CONTROL POINTS 2739002 & 2739003.
- STORM DRAIN STRUCTURES TO BE IN ACCORDANCE WITH HOWARD COUNTY STD. SPEC. & DETAILS, AND MD. S.H.A., ALL STORM DRAIN PIPE TO BE RCCP OR C.M.P.
- TRENCH COMPACTION FOR STORM DRAINS WITHIN ROADS OR STREET RIGHT OF WAY LIMITS SHALL BE IN ACCORDANCE WITH THE 1982 HOWARD COUNTY ROAD CODE.
- MINIMUM COVER OF 12" SHALL BE PROVIDED OVER STORM DRAIN PIPES IN ALL AREAS NOT BEING FINAL GRADED BY THESE PLANS.
- ALL TRAFFIC CONTROL SERVICES, PARKING AND SIGNING TO BE DONE IN ACCORDANCE WITH THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", 1984 REVISED EDITION.
- PROVIDE CONCRETE SIDEWALK RAMPS IN CURBS, WHERE SHOWN IN PLAN (MAX. 12:1 SLOPE; SEE HOWARD COUNTY STD. DETAILS, R-4.01.)
- STREET LIGHTS SHALL BE 100 WATT HIGH PRESSURE SODIUM VAPOR LAMP POST TOP FIXTURES ON 14-FOOT BRONZE FIBERGLASS POLES.
- STREET TREES WILL BE PROVIDED IN ACCORDANCE WITH SECTION 16.131 OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS.
- STORMWATER MANAGEMENT REQUIREMENT FOR THIS SUBDIVISION HAS BEEN WAIVED IN ACCORDANCE WITH D.P.W. ACTION DATED 9-16-88
- MODIFIED CURB & GUTTER SHALL BE USED THROUGHOUT THIS SUBDIVISION EXCEPT AS SHOWN ON THE PLANS. TRANSITIONS TO STD. CURB & GUTTER AT 'A' INLETS SHALL BE IN ACCORDANCE WITH R-3.06. OTHER TRANSITIONS, AS SHOWN ON THE PLANS, SHALL BE IN ACCORDANCE WITH R-3.02.
- ACCESS TO WATER QUALITY STRUCTURES SHALL BE PROVIDED VIA HOBBITS GLEN GOLF COURSE 100 YR. FLOOD PLAIN DRAINAGE AND UTILITY EASEMENT.



**STREET TREES:**  
THE LOCATION AND TYPE OF TREES SHOWN ON THESE PLANS ARE TENTATIVE AND ARE USED FOR BOND PURPOSES ONLY. THE FINAL LOCATION AND VARIETY OF TREES MAY VARY TO ACCOMMODATE FIELD CONDITIONS AND BUILDERS LANDSCAPE PROGRAM. BOND RELEASE IS CONTINGENT UPON SECTION 16.131 OF THE HOWARD COUNTY SUBDIVISION REGULATIONS, AS APPROVED BY THE DEPARTMENT OF PLANNING AND ZONING.

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	
<i>Paul D. [Signature]</i>	3/1/90
CHIEF, LAND DEVELOPMENT DIVISION	DATE
<i>Daniel W. [Signature]</i>	2/14/90
CHIEF, BUREAU OF HIGHWAYS	DATE
<i>[Signature]</i>	3-14-90
CHIEF, BUREAU OF ENGINEERING	DATE
APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING	
<i>[Signature]</i>	3/2/90
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT	DATE

**KIDDE CONSULTANTS, INC.**  
ENGINEERS PLANNERS SURVEYORS  
1020 CROMWELL BRIDGE ROAD  
BALTIMORE, MARYLAND 21204  
301-321-5500

DESIGNED	J.J.D.	COVER SHEET, VICINITY MAP DRAINAGE AREA MAP & GENERAL NOTES	SCALE AS SHOWN
DRAWN	PM.N.		DRAWING
CHECKED	D.N.M.		1 OF 9
DATE			JOB NO.
			018813
		FILE NO.	

OWNER DEVELOPER  
THE HOWARD RESEARCH & DEVELOPMENT LAND COMPANY  
10275 LITTLE PATUXENT PARKWAY  
COLUMBIA, MARYLAND 21044







APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 Chief, Land Development Division  
 DATE 3/1/90  
 Approved: HOWARD COUNTY DEPT. OF PLANNING AND ZONING  
 Chief, Division of Community Planning and Land Development  
 DATE 3/1/90

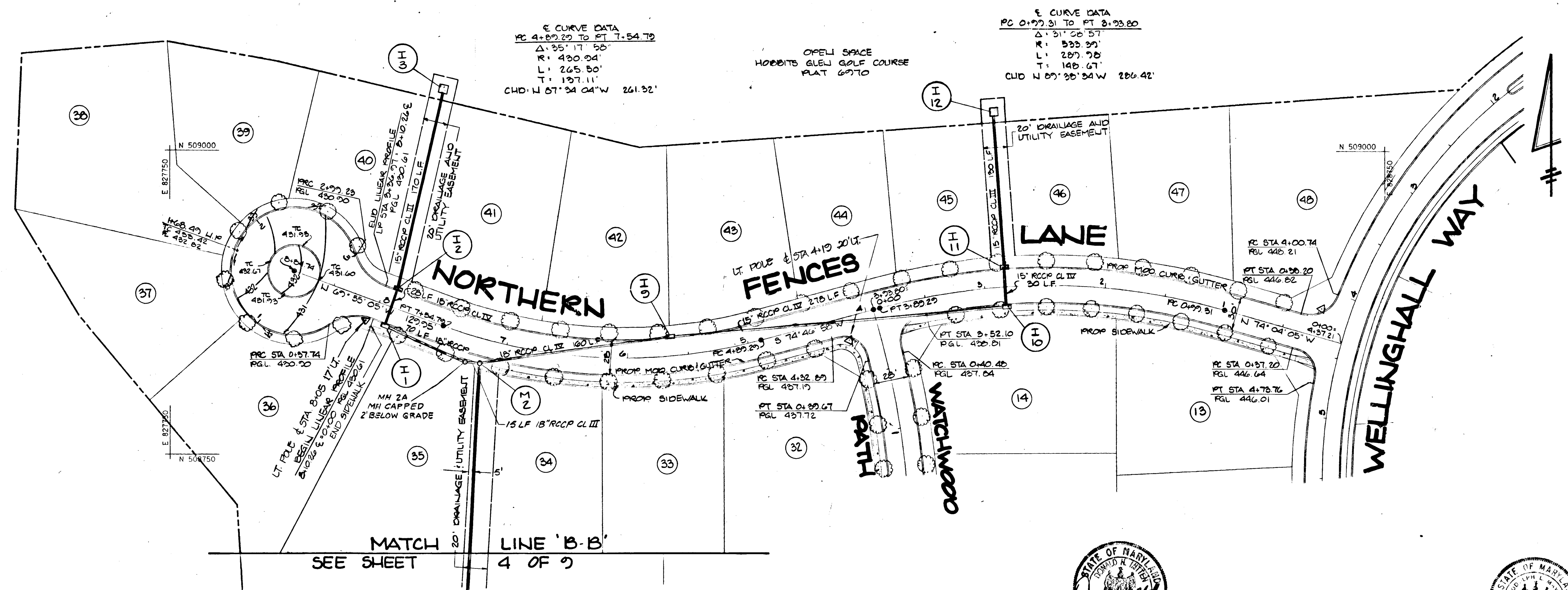
**KIDDE CONSULTANTS, INC.**  
 ENGINEERS PLANNERS SURVEYORS  
 1020 CROMWELL BRIDGE ROAD  
 BALTIMORE, MARYLAND 21204  
 301-321-5500

**PLAN & PROFILE**  
**NORTHERN FENCES LANE**  
**COLUMBIA**  
 VILLAGE OF HARPERS CHOICE  
 SECTION 7 AREA 5  
 5TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

OWNER DEVELOPER  
 THE HOWARD RESEARCH & DEVELOPMENT LAND COMPANY  
 10275 LITTLE PATUXENT PARKWAY  
 COLUMBIA, MARYLAND 21044

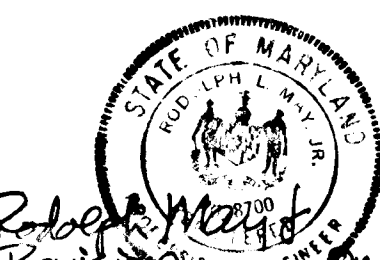
No.	TYPE	TO ELEV.	INV. OUT.	INV. IN.	LOCATION	REMARKS
I-1	A-5	430.59	425.46	425.71	8+00 14.5 LT	S.D. 4.01
I-2	A-5	430.59	425.99	426.09	8+00 14.5 RT	S.D. 4.01
I-3	D	433.50	429.50	---	SEE PLAN	S.D. 4.11 4 SIDES OPEN
I-9	A-10	434.54	429.84	429.24	5+65 14.5 RT	S.D. 4.02
I-10	A-10	440.18	435.08	435.28	2+85 15.5 LT	S.D. 4.02
I-11	A-10	440.18	435.58	435.68	2+85 15.5 RT	S.D. 4.02
I-12	D	444.50	440.50	---	SEE PLAN	S.D. 4.11 4 SIDES OPEN
M-2	STOMP	431.52	423.50	424.00	7+19 16' LT	G. 5.02

\* FLOW LINE ELEVATION FOR YARD INLETS, 6.50' MOD. SLAB TOP, MH 2A, MH 430.45 424.20 424.40 7+31 22' LT. BELOW GRADE. NO FRAME AND COVER.



**E CURVE DATA**  
 PC 0+77.91 TO PT 8+23.80  
 Δ: 31° 26' 57"  
 R: 533.99'  
 L: 287.78'  
 T: 148.67'  
 CHD: N 09° 35' 34" W 286.42'

NOTE: LIGHTS TO BE 100 WATT HIGH PRESSURE SODIUM VAPOR LAMP RUST TOP FIXTURES ON 14' BRONZE FIBERGLASS POLES.

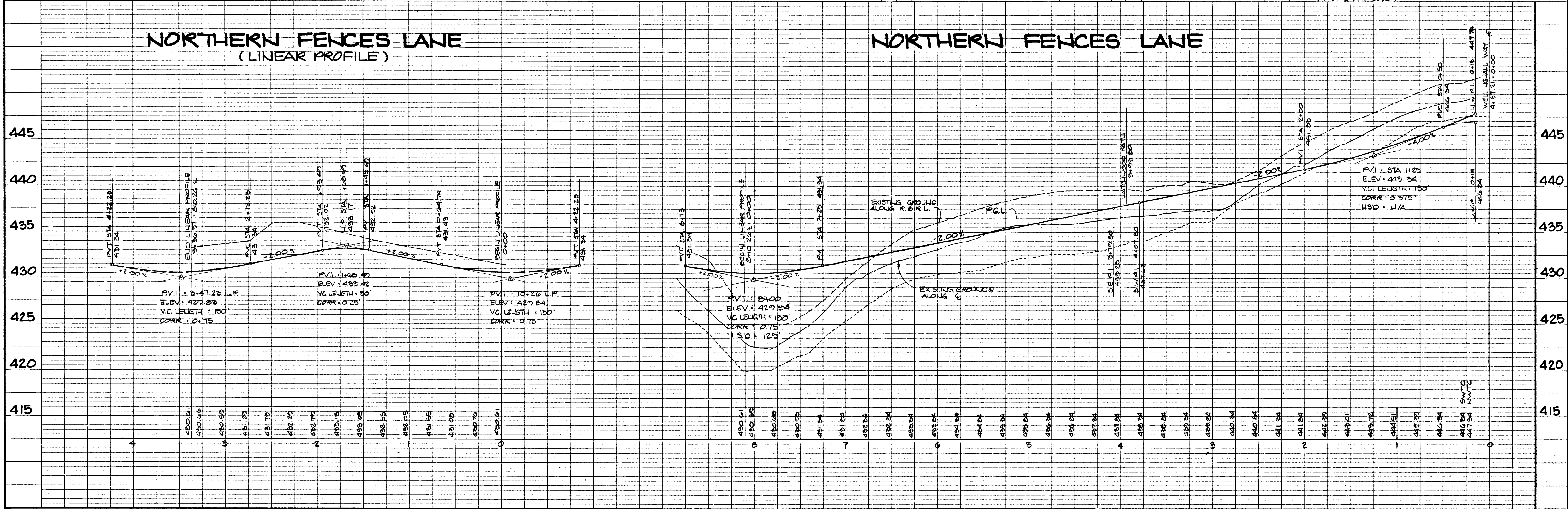


REVISION ONLY  
 BY NO. REVISION DATE  
 MKA REMOVE SIDEWALK FROM CURB EASEMENT 7-29-91

REVISION ONLY  
 BY NO. REVISION DATE  
 WJ ADD MH 2A; REALIGN MHT TO MH 2 9-4-91

**NORTHERN FENCES LANE**  
 (LINEAR PROFILE)

**NORTHERN FENCES LANE**





**E CURVE DATA**  
 PC 2+01.50 TO PT 7+13.35  
 A 111' 50" 17.3'  
 R 170.00'  
 L 331.85'  
 T 251.27'

**NORTHERN FENCES LANE**

**WATCHWOOD PATH**

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 R. M. [Signature] 3/1/90  
 CHIEF, LAND DEVELOPMENT DIVISION DATE  
 J. W. [Signature] 8/14/90  
 CHIEF, BUREAU OF HIGHWAYS DATE  
 J. [Signature] 3-14-90  
 CHIEF, BUREAU OF ENGINEERING DATE  
 APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING  
 M. [Signature] 8/14/90  
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

**KIDDE CONSULTANTS, INC.**  
 ENGINEERS PLANNERS SURVEYORS  
 1020 CROMWELL BRIDGE ROAD  
 BALTIMORE, MARYLAND 21204  
 301-321-5500

**PLAN & PROFILE**  
**WATCHWOOD PATH**  
**COLUMBIA**  
 VILLAGE OF HARPERS CHOICE  
 SECTION 7 AREA 5  
 5TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

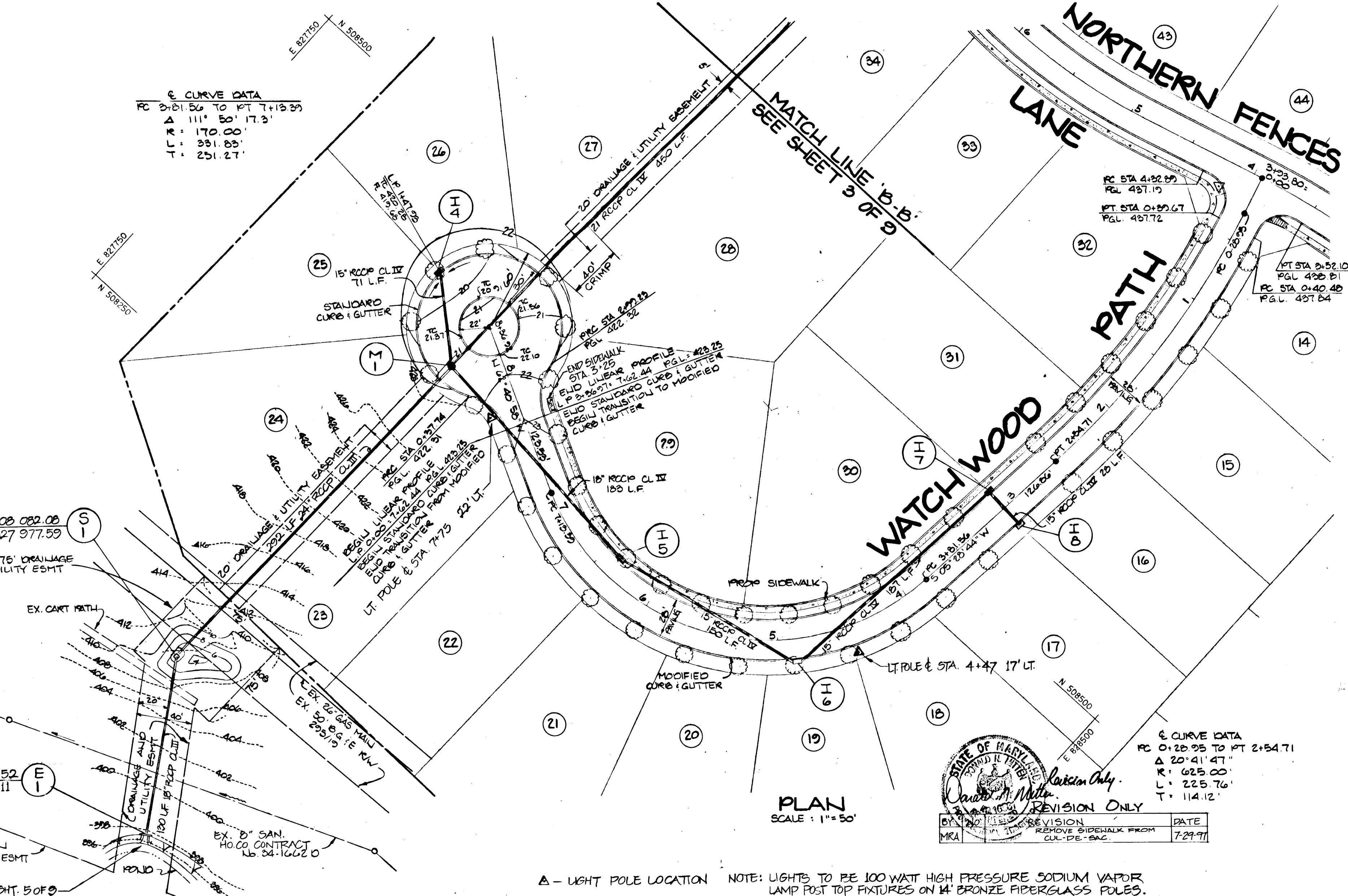
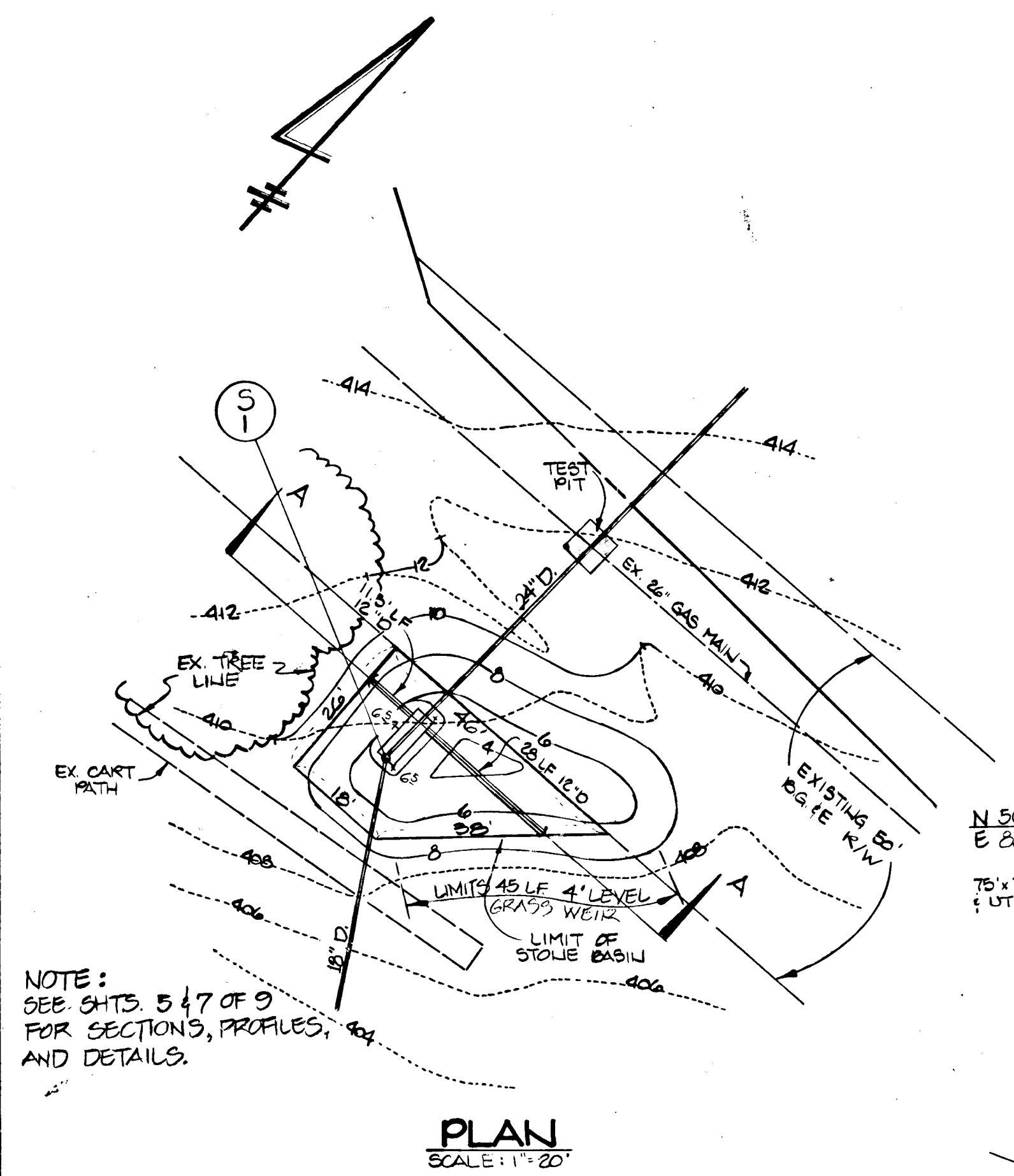
OWNER DEVELOPER  
 THE HOWARD RESEARCH & DEVELOPMENT LAND COMPANY  
 10275 LITTLE PATUXENT PARKWAY  
 COLUMBIA, MARYLAND 21044

**STRUCTURE SCHEDULE**

No	TYPE	TOPEL	INOUT	IN IN	LOCATION	REMARKS
I-4	A-5	420.28	415.68	---	1+47.93	HTY PROFILE S.D. 4.01
I-5	A-10	426.37	421.52	421.77	6+38	14.5 RT S.D. 4.02
I-6	A-10	425.26	425.56	425.66	4+88	14.5 LT S.D. 4.02
I-7	A-5	423.61	423.62	423.72	3+05	14.5 RT S.D. 4.01
I-8	A-10	423.61	423.00	---	3+05	14.5 LT S.D. 4.02
M-1	STOM	421.15	412.22	412.4	8+20	26' LT G. 5.02
S-1	1"02	407.00	400.50	401.50	---	SEE PLAN SEE DETAIL
E-1	TYPE 1	---	---	395.00	---	SEE PLAN 80-5.21

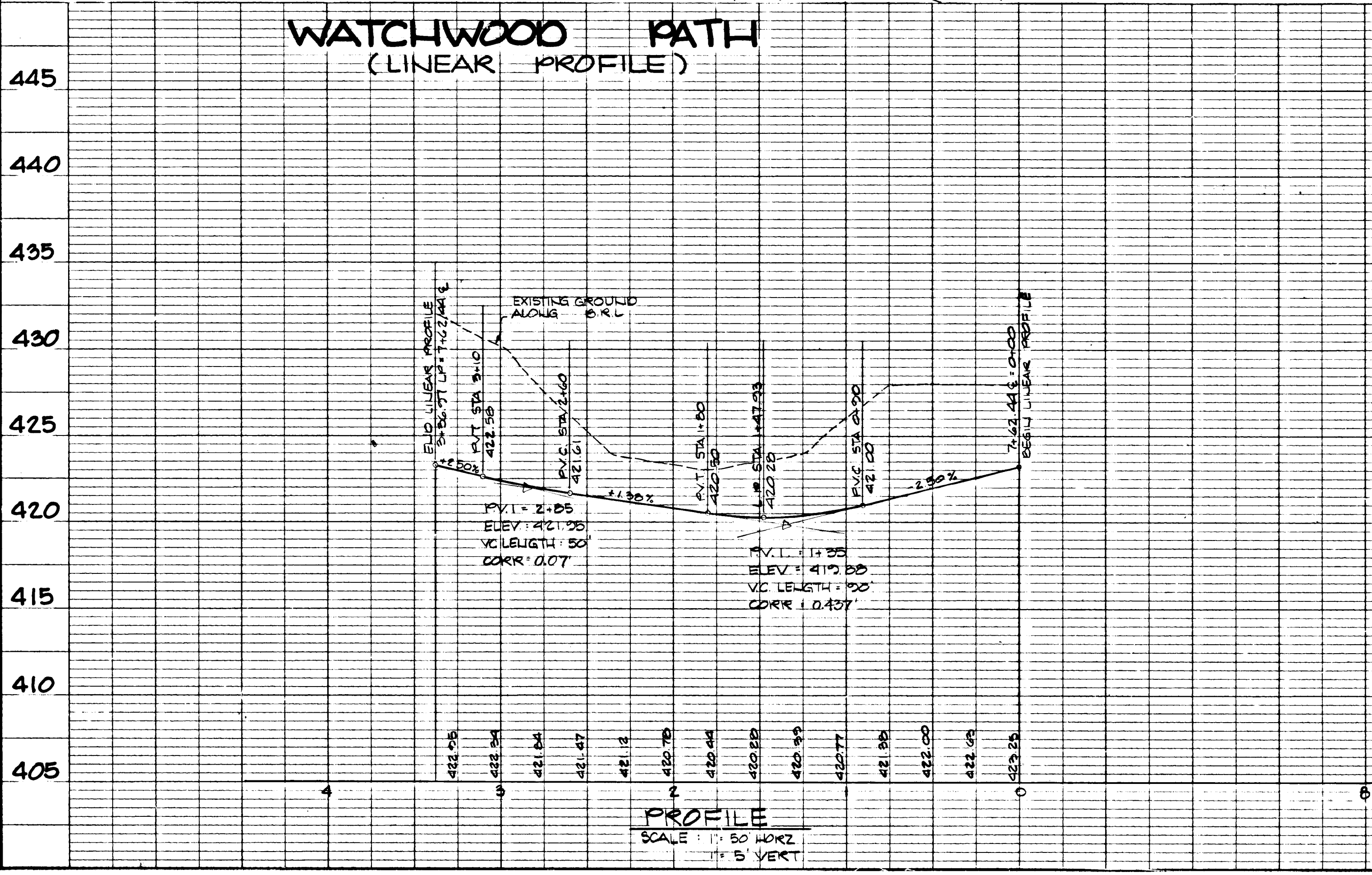
\* FLOW LINE ELEVATION

NO.	REVISION	DATE
1	REVISION	3-14-90

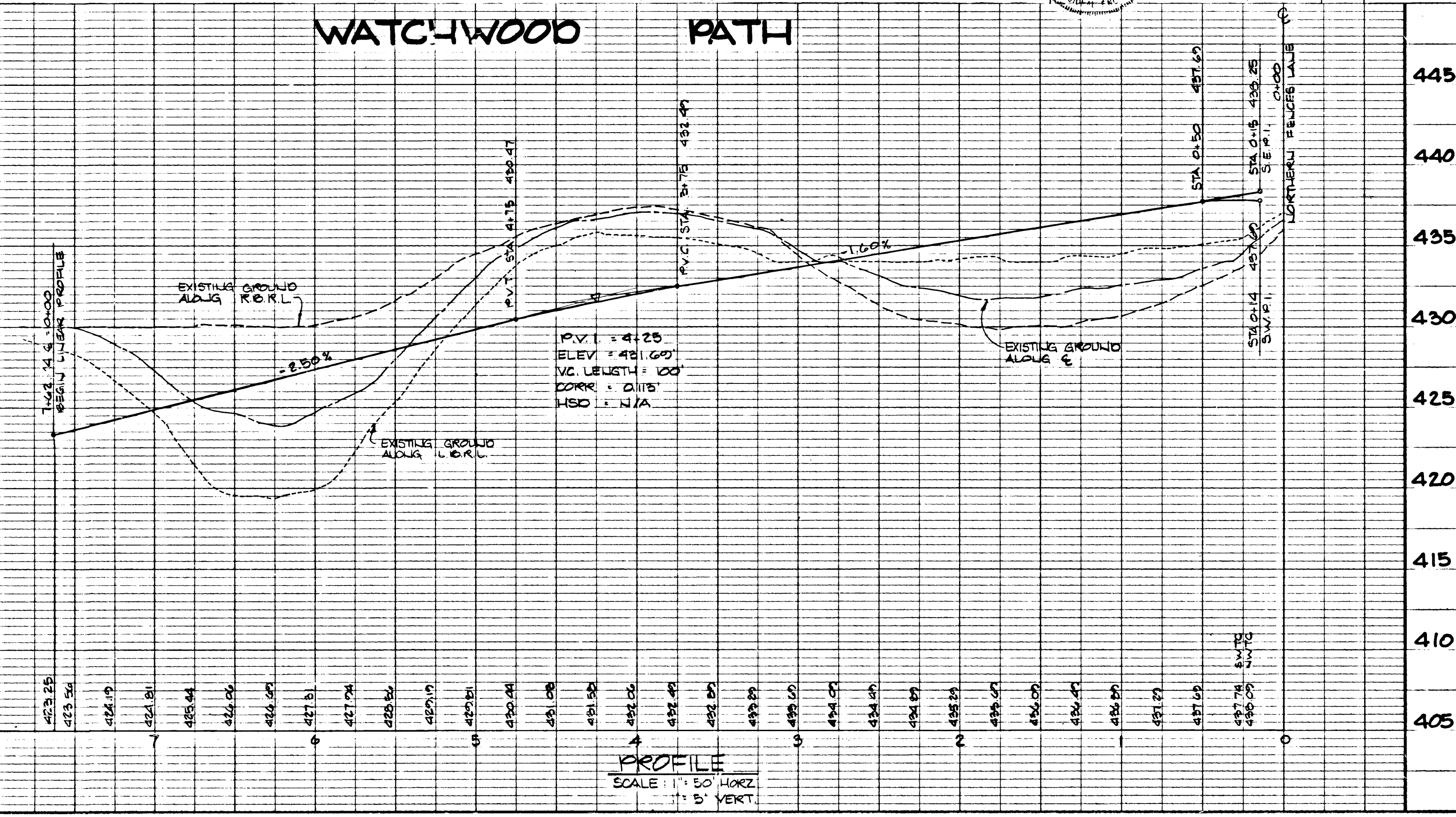


SEAL OF MARYLAND  
 JAMES A. MILLER  
 CIVIL ENGINEER  
 LICENSE NO. 10000  
 EXPIRES 12-31-99  
 DATE 7-29-97

**WATCHWOOD PATH (LINEAR PROFILE)**



**WATCHWOOD PATH**





APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 CHIEF, LAND DEVELOPMENT DIVISION  
 DATE 3/1/90  
*Paul W. Weiland*  
 CHIEF, BUREAU OF HIGHWAYS  
 DATE 3/14/90  
*William E. Reed*  
 CHIEF, BUREAU OF ENGINEERING  
 DATE 3-14-90  
 APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING  
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT  
 DATE 3/21/90  
*Paul J. Taylor*



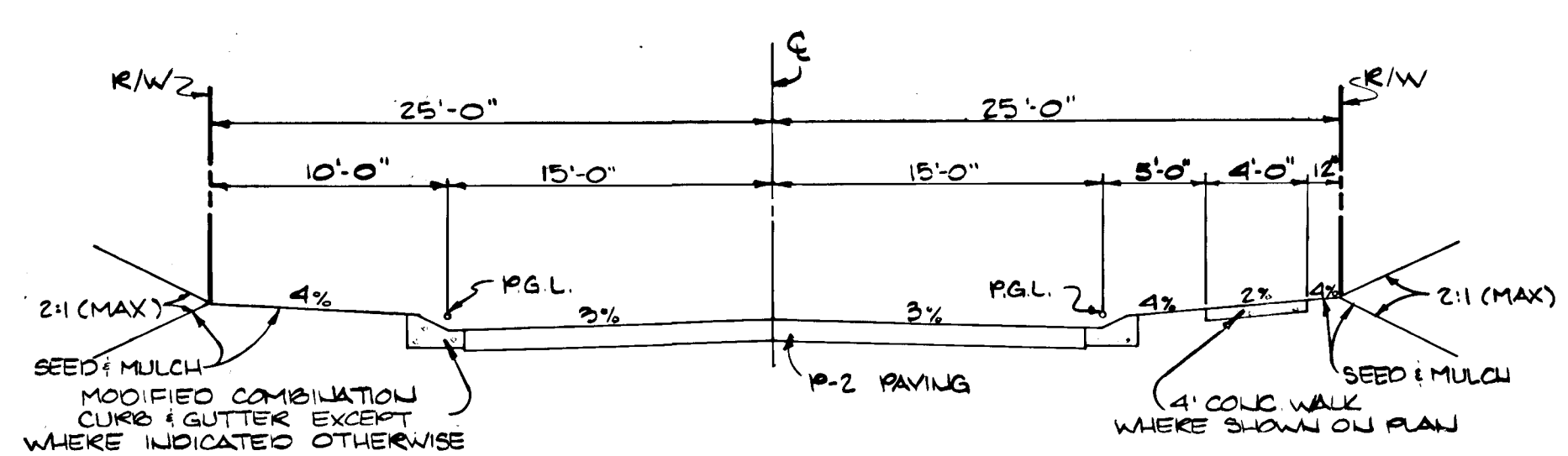
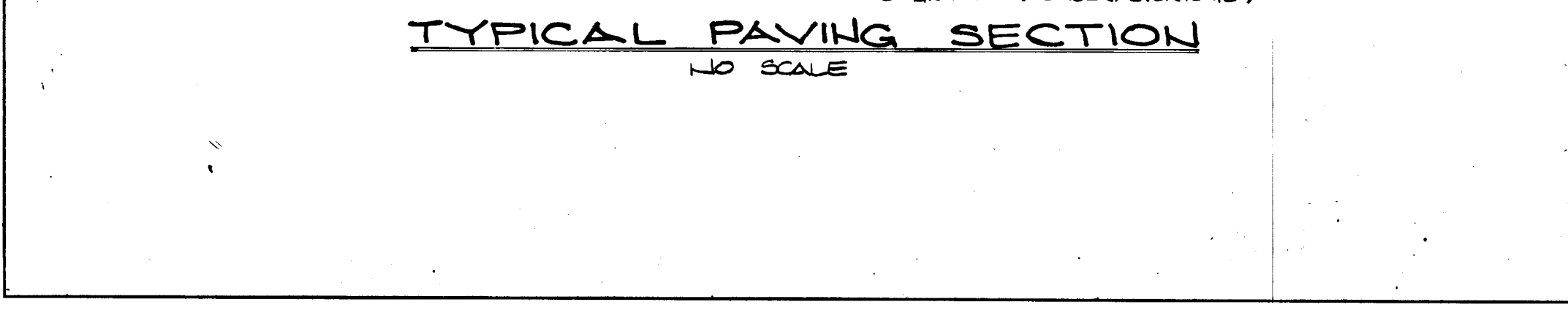
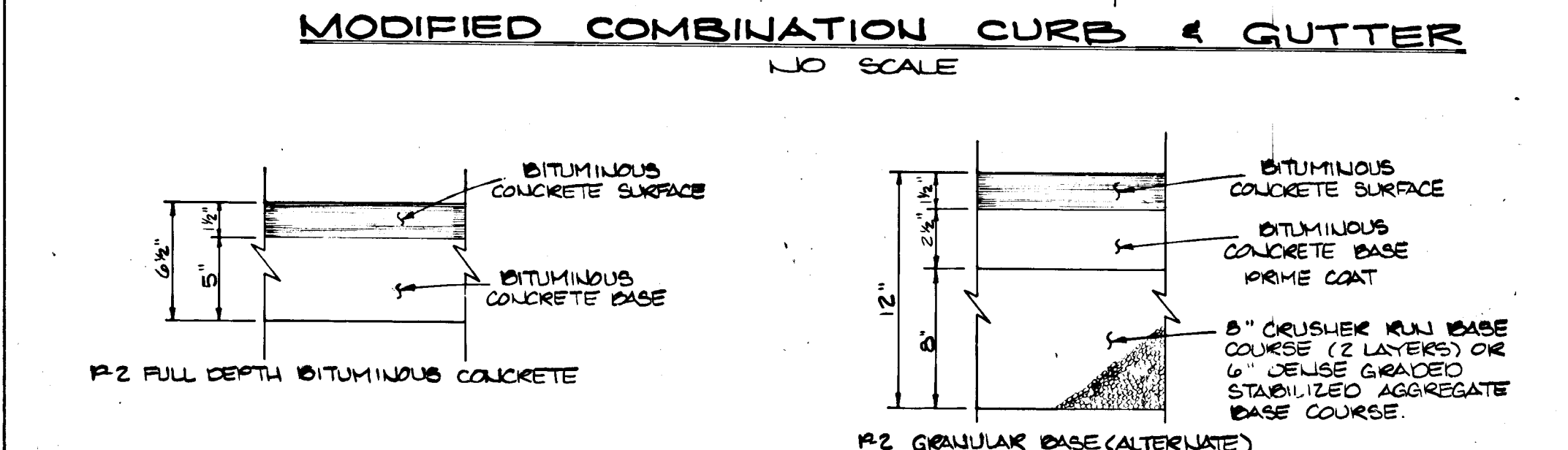
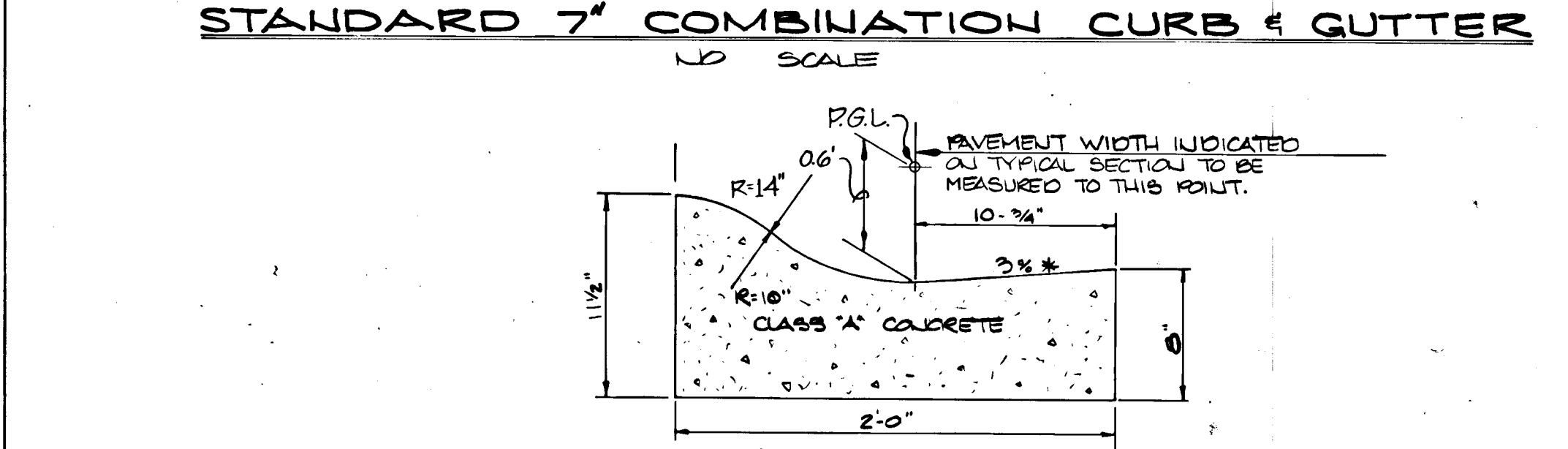
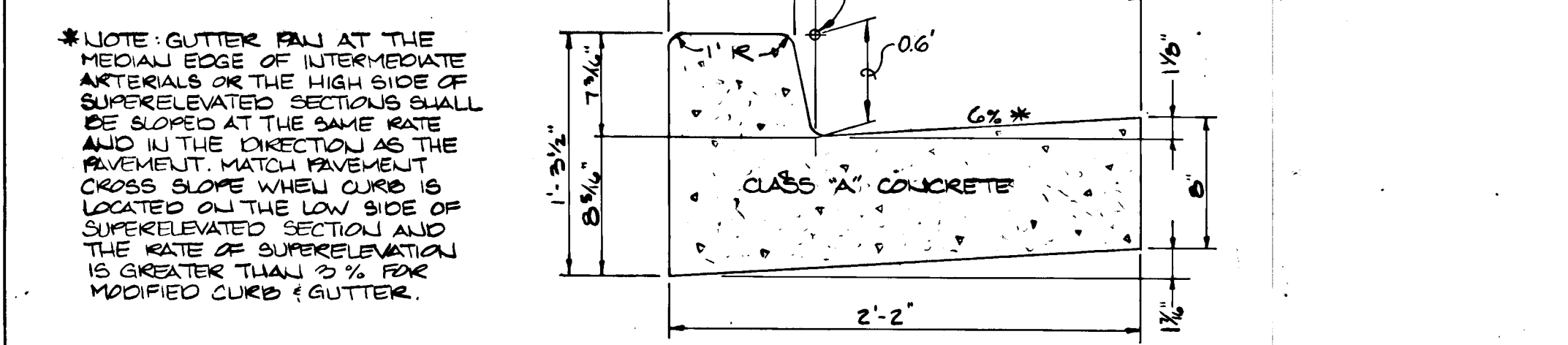
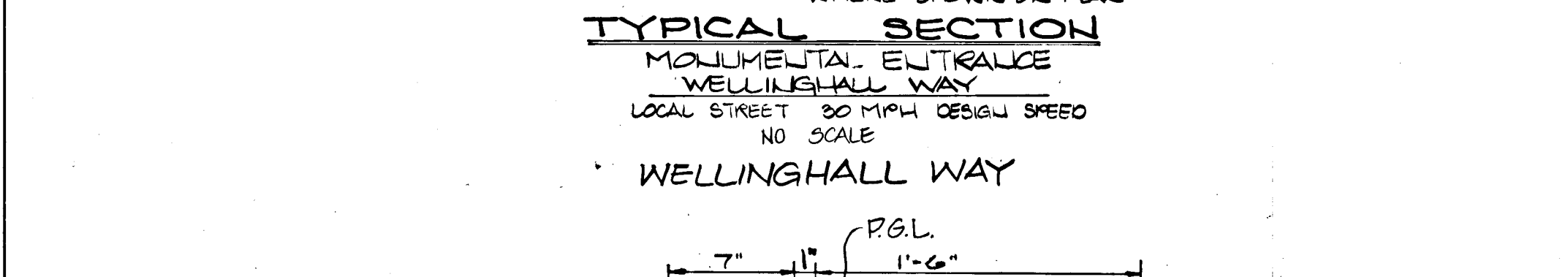
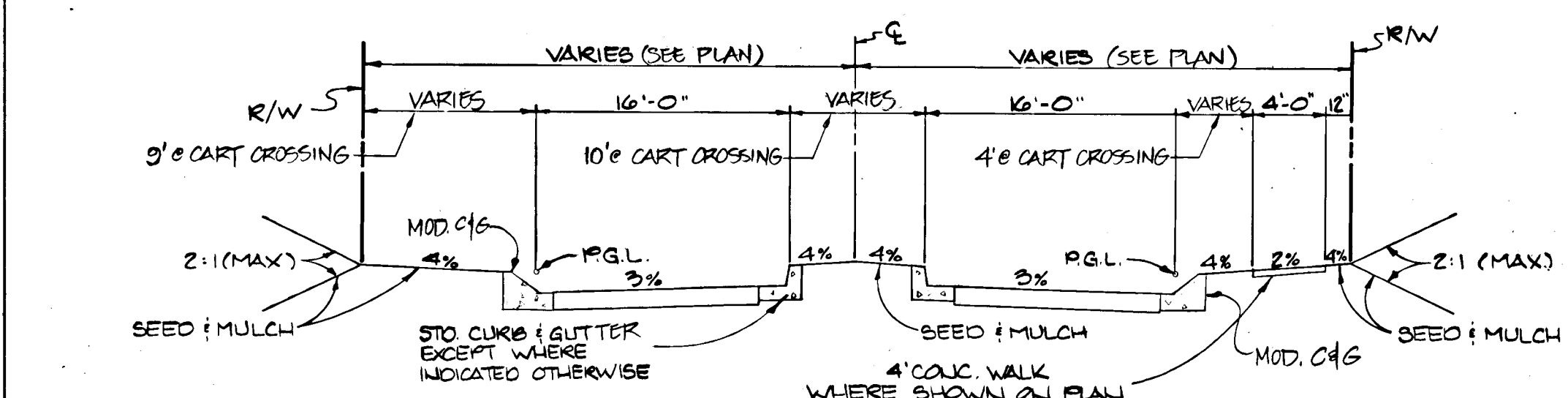
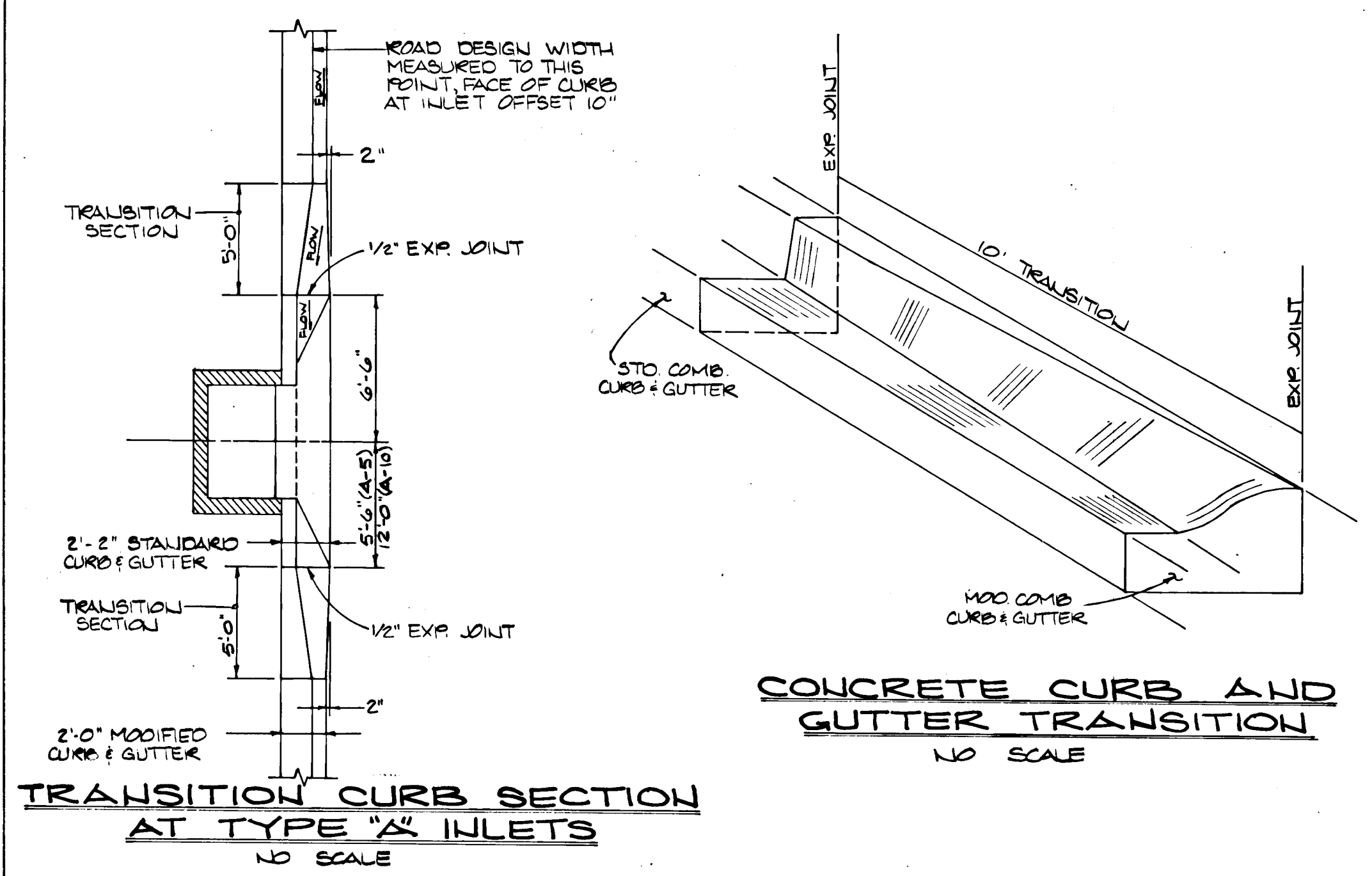
**KIDDE CONSULTANTS, INC.**  
 ENGINEERS PLANNERS SURVEYORS  
 1020 CROMWELL BRIDGE ROAD  
 BALTIMORE, MARYLAND 21204  
 301-321-5500

DESIGNED: J. J. D.  
 DRAWN: P. M. N.  
 CHECKED: D. N. M.  
 DATE: \_\_\_\_\_

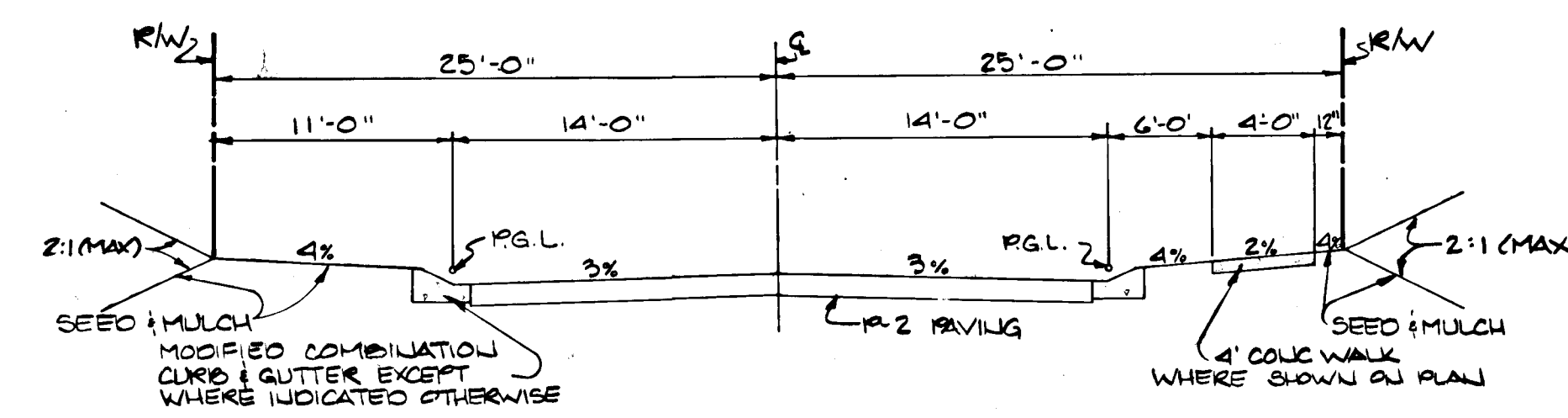
**TYPICAL ROAD SECTIONS AND DETAILS**  
**COLUMBIA**  
 VILLAGE OF HARPERS CHOICE  
 SECTION 7 AREA 5  
 5TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

SCALE AS SHOWN  
 DRAWING 5 OF 9  
 JOB NO. 0188113  
 FILE NO. \_\_\_\_\_

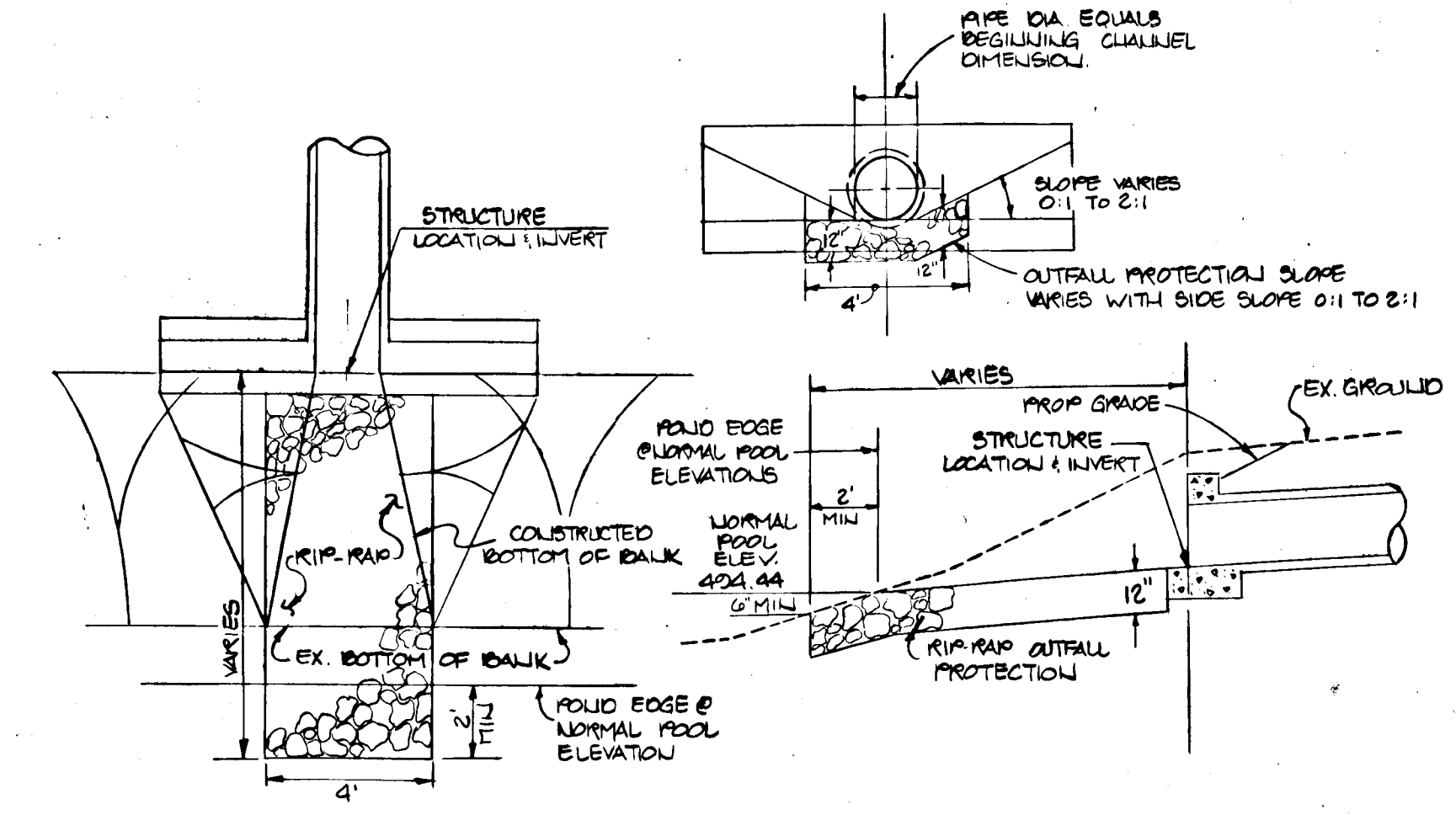
OWNER DEVELOPER  
 THE HOWARD RESEARCH & DEVELOPMENT LAND COMPANY  
 10275 LITTLE PATUXENT PARKWAY  
 COLUMBIA, MARYLAND 21044



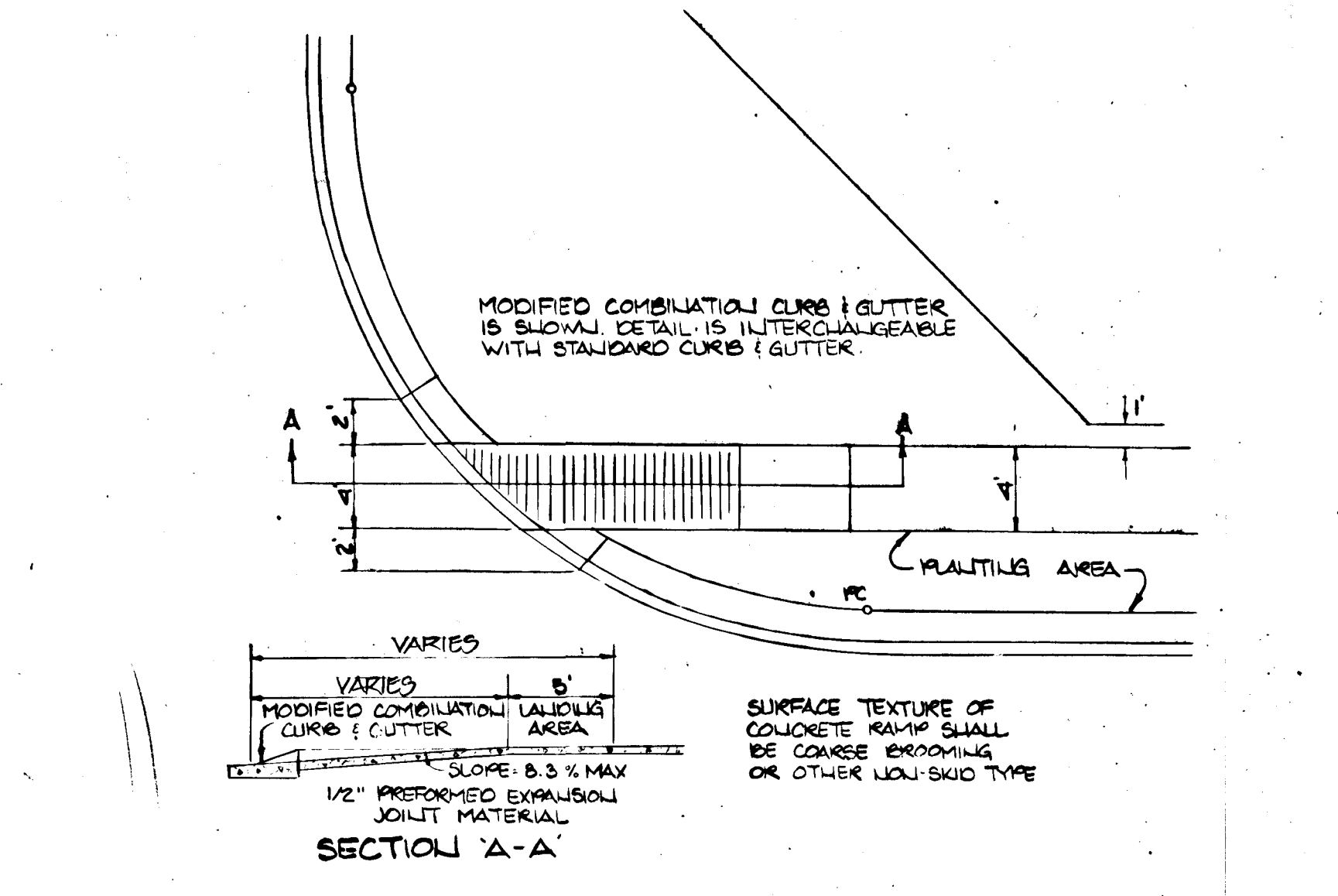
**TYPICAL SECTION**  
 50' R/W 20' PAVEMENT  
 LOCAL STREET 25 MPH DESIGN SPEED  
 NO SCALE  
 NORTHERN FENCES LANE STA. 0+00 TO 3+80



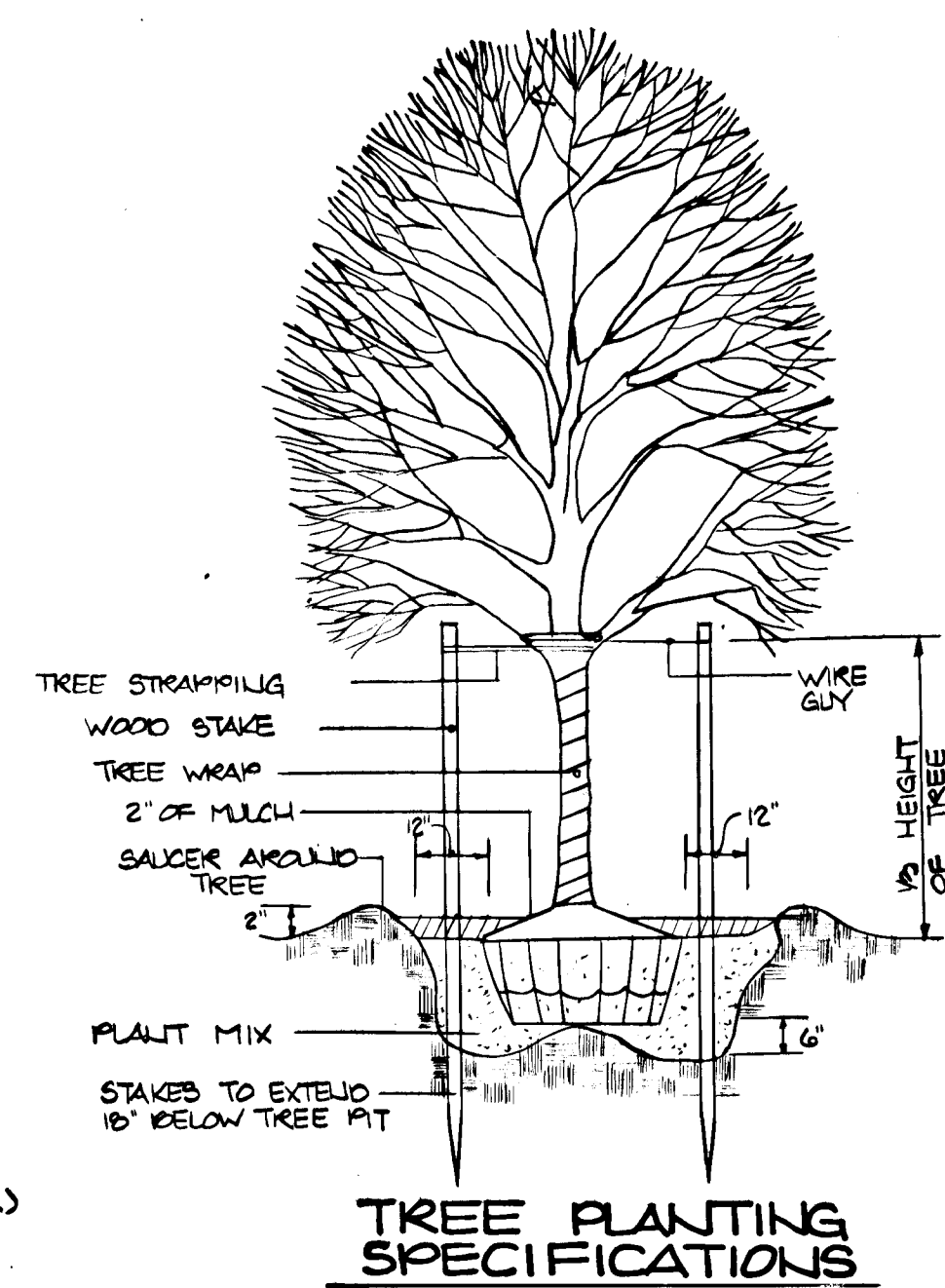
**TYPICAL SECTION**  
 50' R/W 20' PAVEMENT  
 CUL-DE-SAC STREET 25 MPH DESIGN SPEED  
 NO SCALE  
 WELLINGHALL WAY STA. 4+37 TO 8+53  
 NORTHERN FENCES LANE STA. 3+80 TO 8+84  
 WATCHWOOD PATH



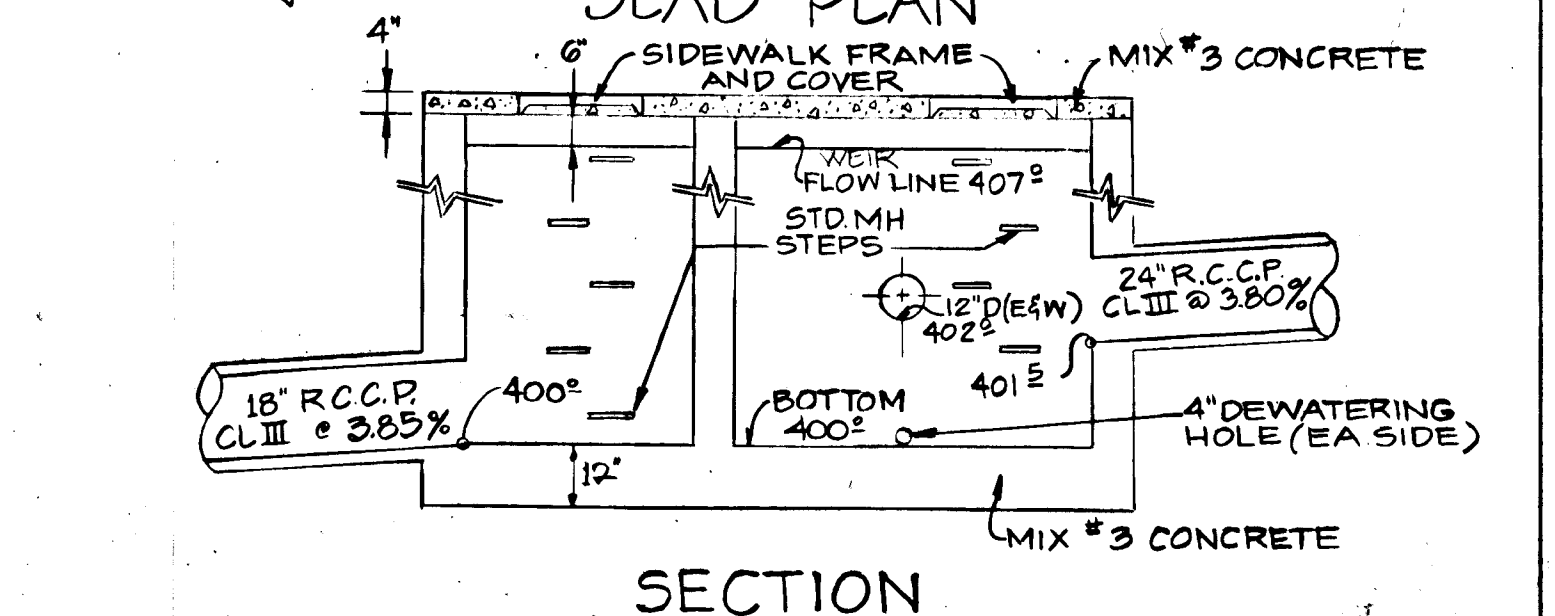
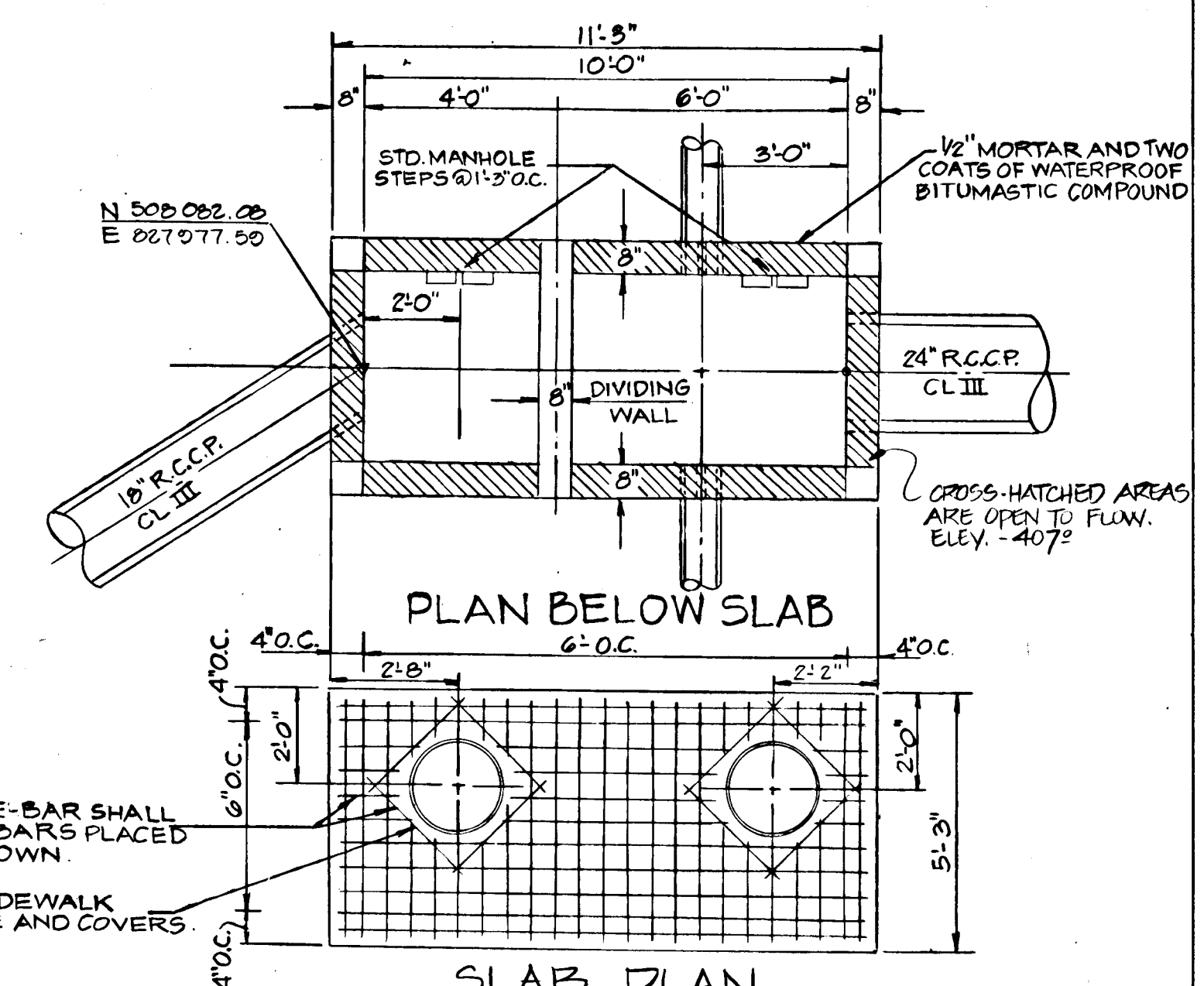
**OUTFALL PROTECTION DETAIL**  
 STRUCTURES E-1 & E-2  
 NOT TO SCALE



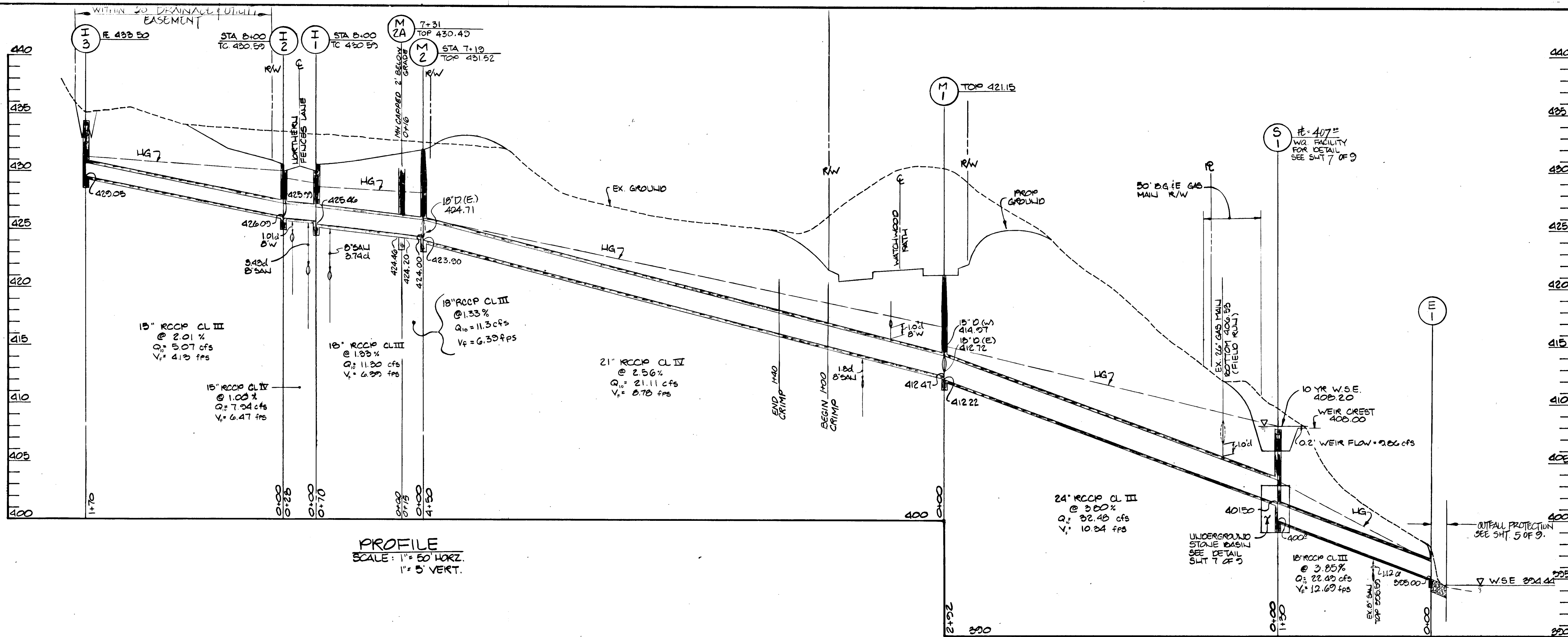
**HANDICAP RAMP DETAIL**  
 NOT TO SCALE



**TREE PLANTING SPECIFICATIONS**  
 SIZE: 2-2 1/2" CALIBER  
 TYPE: OVERHEAD CANOPY 12'-14" HIGH  
 VARIETY: COLIFORM WITH THE PLANT LIST SPECIFIED IN SECTION 1100 OF CD OF THE HOWARD COUNTY DESIGN MANUAL VOLUME III  
 LOCATION: FROM 0' TO 10' OUTSIDE R/W LINE.  
 NOTE: STREET TREES SHALL BE LIMITED TO A SINGLE VARIETY ON EACH STREET, BUT MAY VARY FROM STREET TO STREET.



**SECTION DETAIL 'S-1'**  
**WATER QUALITY STRUCTURE**  
**MODIFIED A-10 INLET**  
 NOT TO SCALE



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

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

*Paul W. Johnson* 3/1/90  
CHIEF, LAND DEVELOPMENT DIVISION DATE

*Lawrence W. Weiland* 3/14/90  
CHIEF, BUREAU OF HIGHWAYS DATE

*William E. Reay* 3-14-90  
CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING

*Paul J. Taylor* 3/27/90  
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

**KIDDE CONSULTANTS, INC.**  
ENGINEERS PLANNERS SURVEYORS  
1020 CROMWELL BRIDGE ROAD  
BALTIMORE, MARYLAND 21204  
301-321-5500

DESIGNED: J.J.D. SCALE: 1" = 50'

DRAWN: P.M.N. DRAWING: 6 OF 9

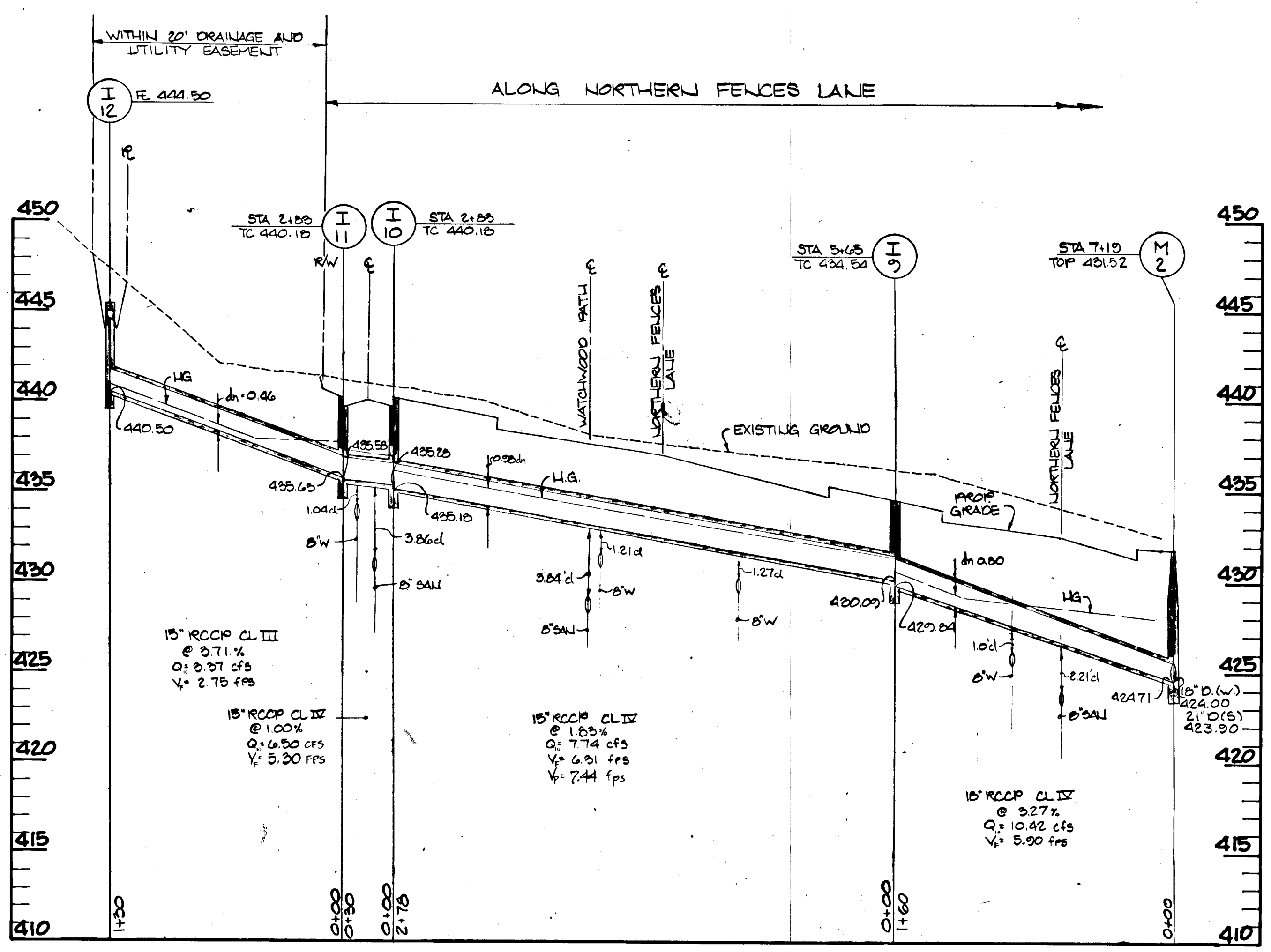
CHECKED: D.N.M. JOB NO.: 0188113

DATE: FILE NO.:

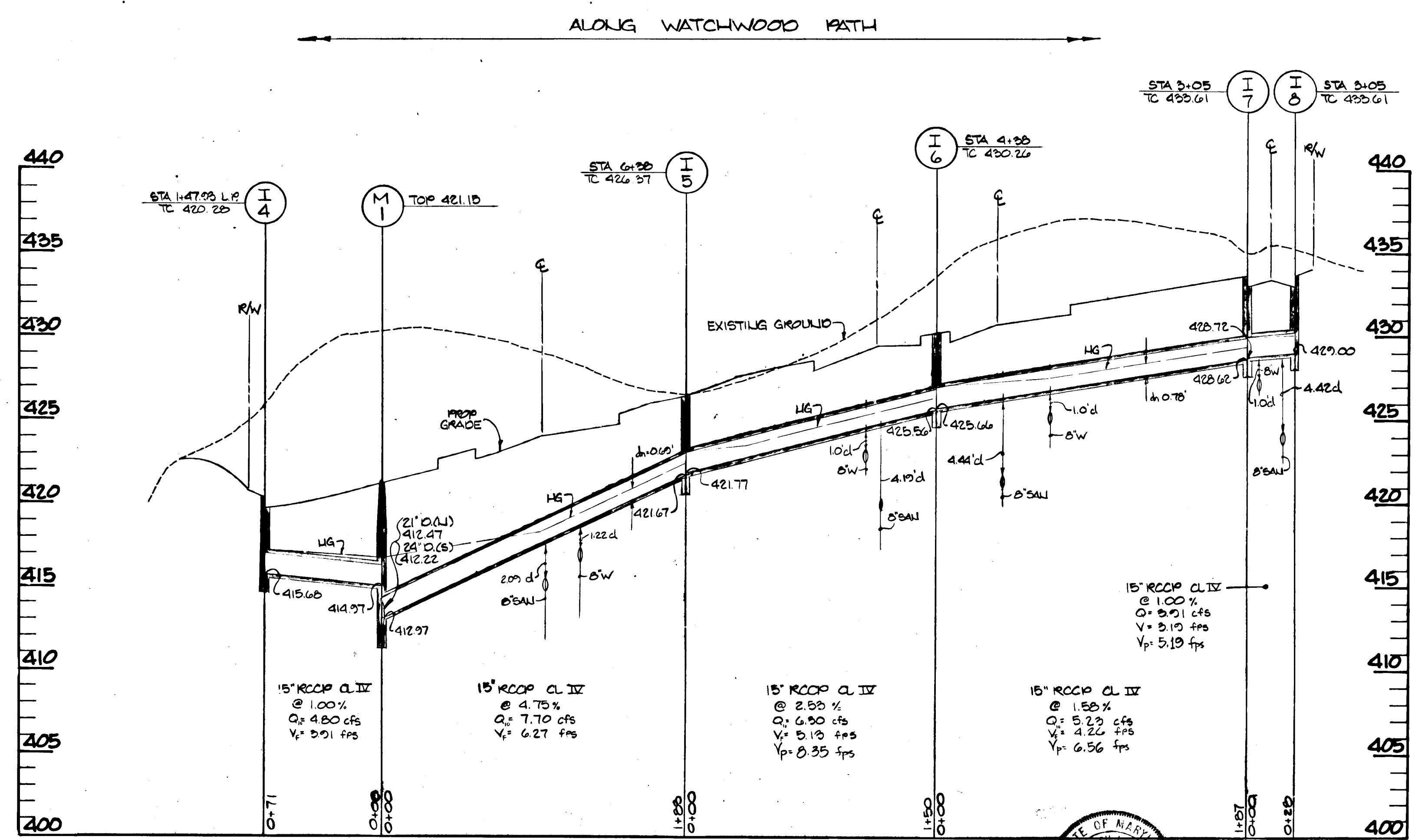
**STORM DRAIN PROFILES**

**COLUMBIA**  
VILLAGE OF HARPERS CHOICE  
SECTION 7 AREA 5  
5TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

OWNER DEVELOPER  
THE HOWARD RESEARCH & DEVELOPMENT LAND COMPANY  
10275 LITTLE PATUXENT PARKWAY  
COLUMBIA, MARYLAND 21044



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

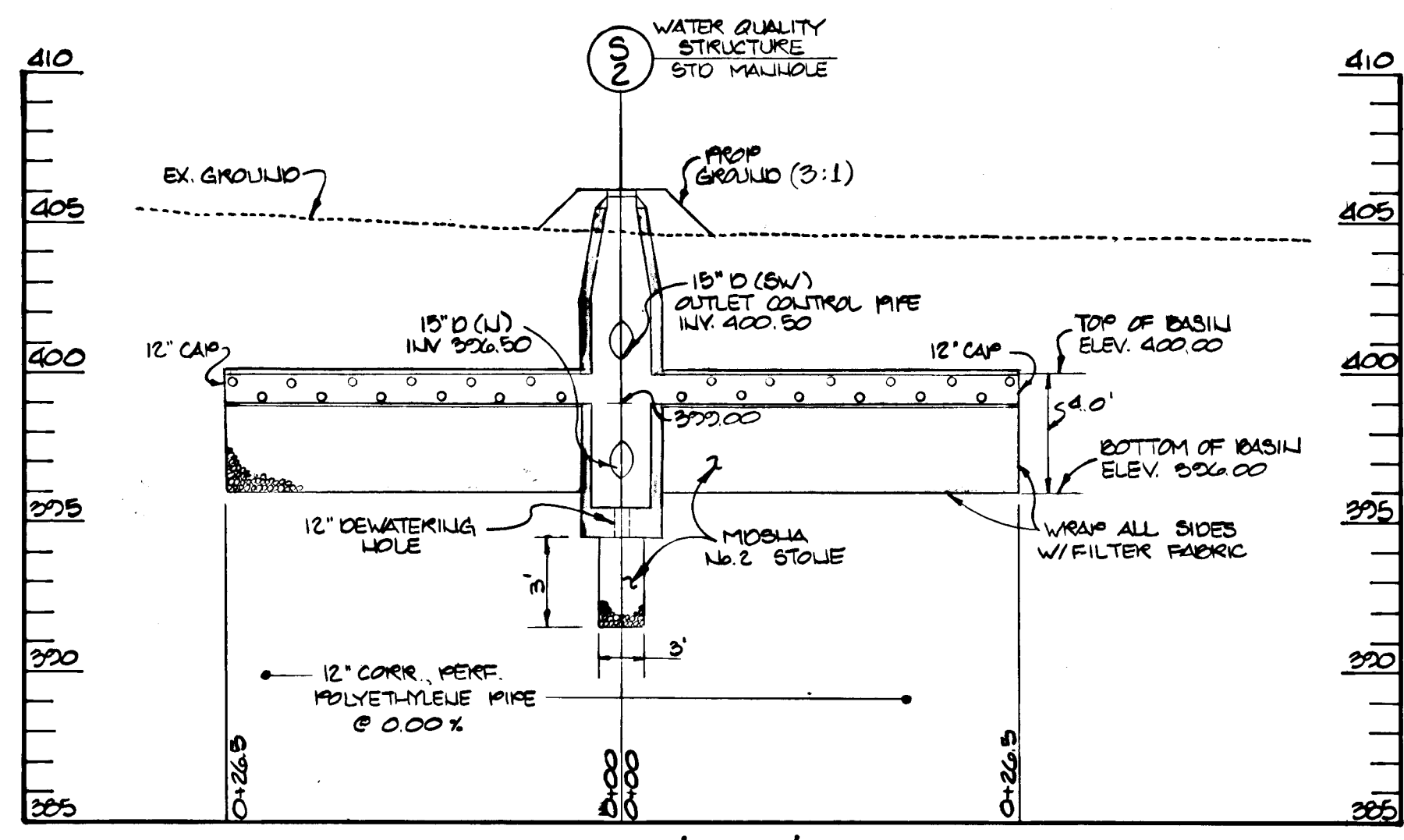


PROFILE  
SCALE: 1" = 50' HORIZ.  
1" = 5' VERT.

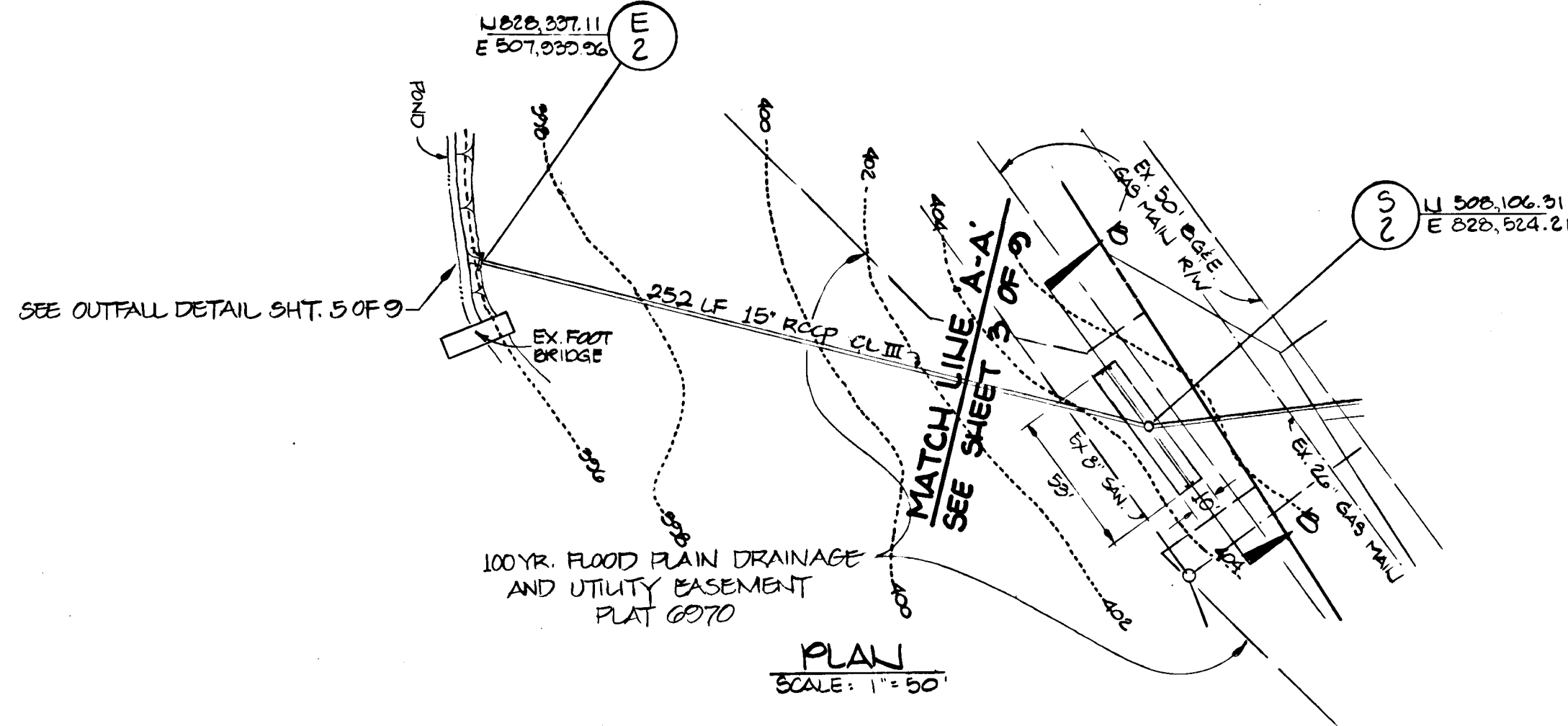
BY	NO.	REVISION	DATE
WJ		ADD MH2A, REALIGN MH1 TO MH2	3-4-90

Revision Only

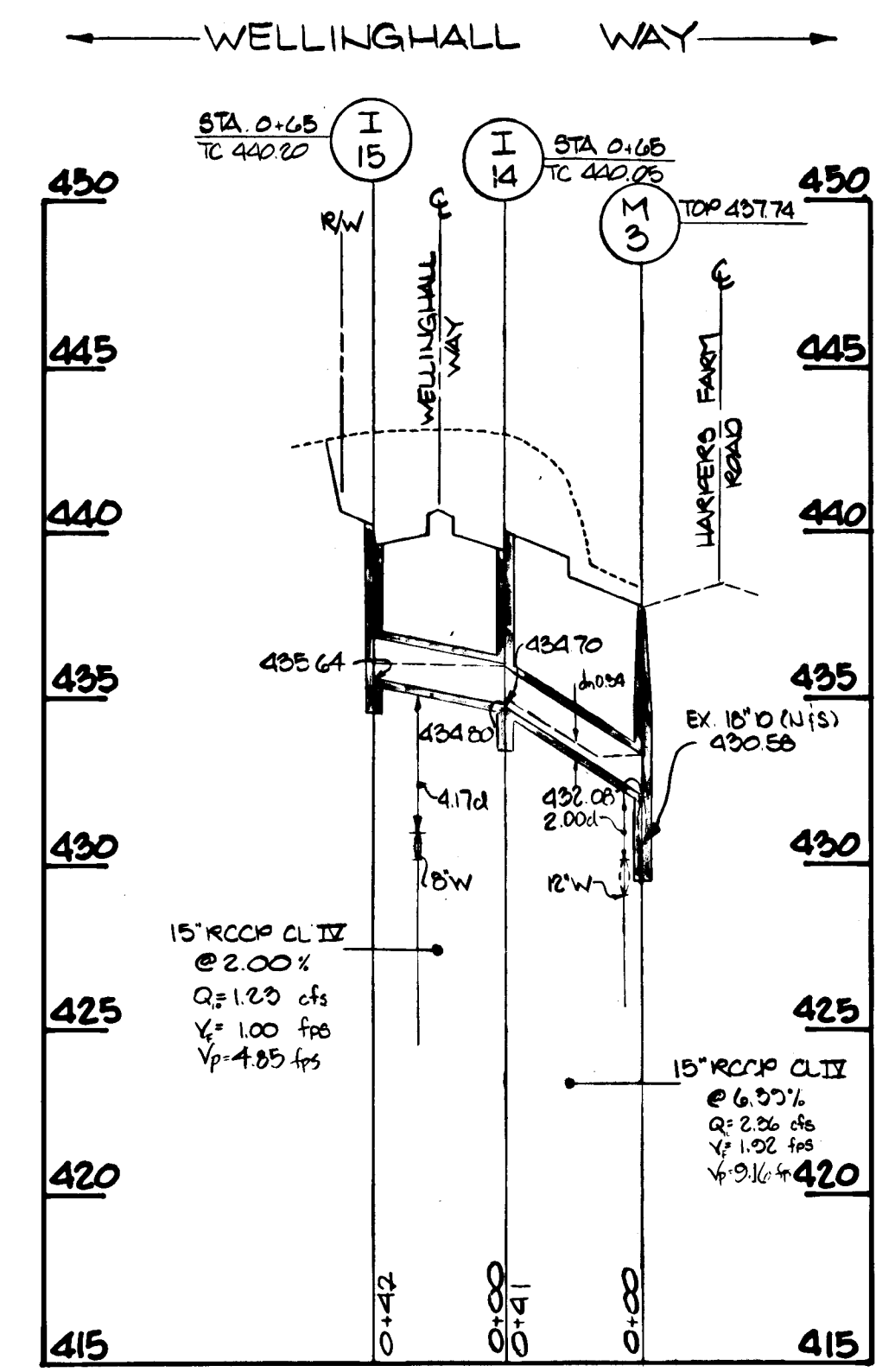




**SECTION 'B-B'**  
SCALE: 1" = 5' HORIZ.  
1" = 5' VERT.



**PLAN**  
SCALE: 1" = 50'



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

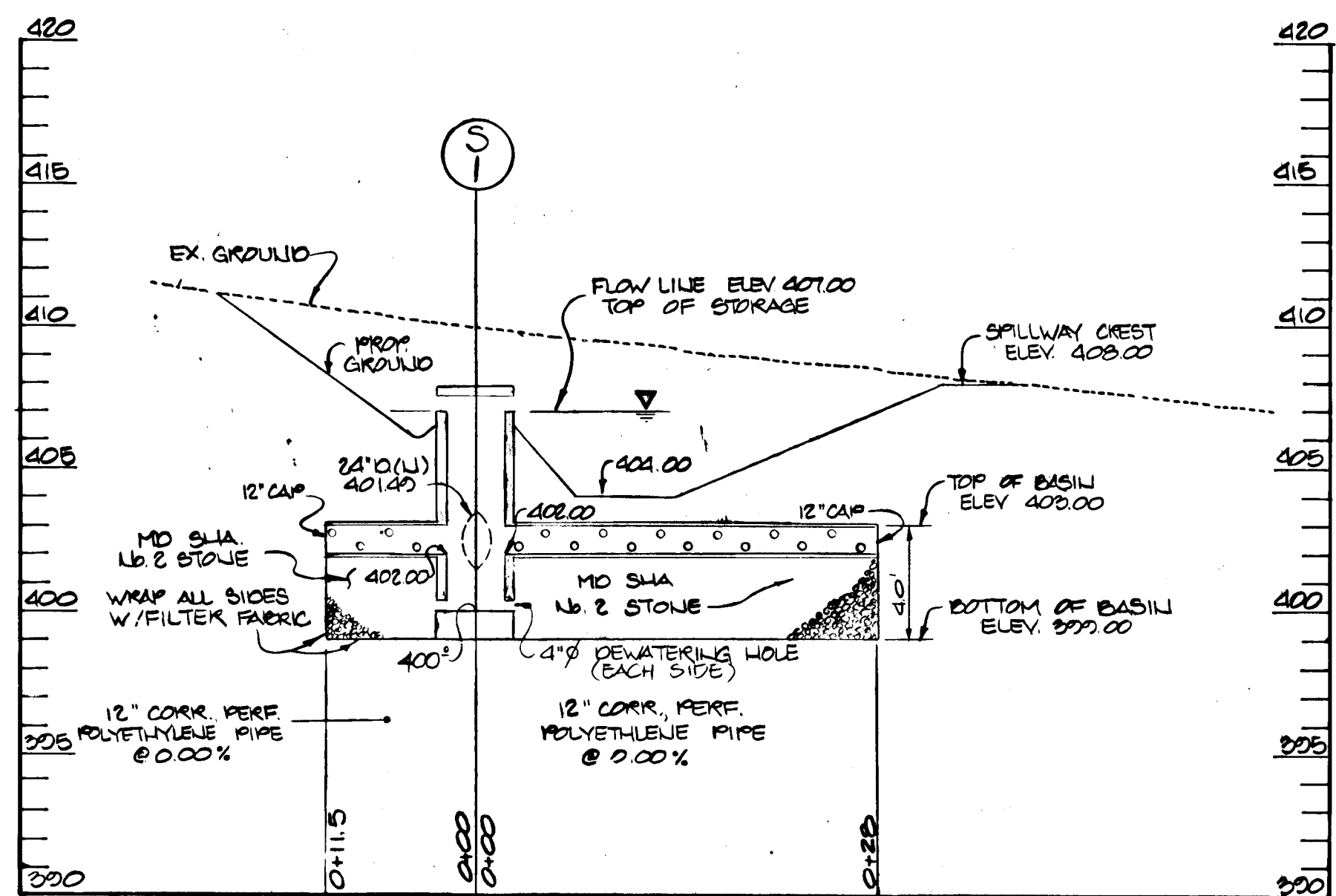
APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 SHEF, LAND DEVELOPMENT DIVISION  
 DATE 3/1/90  
 J. W. McLeod  
 CHIEF, BUREAU OF HIGHWAYS  
 DATE 3/1/90  
 W. R. Brown  
 CHIEF, BUREAU OF ENGINEERING  
 DATE 3-14-90  
 APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING  
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT  
 DATE 3/2/90

**KIDDE CONSULTANTS, INC.**  
 ENGINEERS PLANNERS SURVEYORS  
 1020 CROMWELL BRIDGE ROAD  
 BALTIMORE, MARYLAND 21204  
 301-321-5500

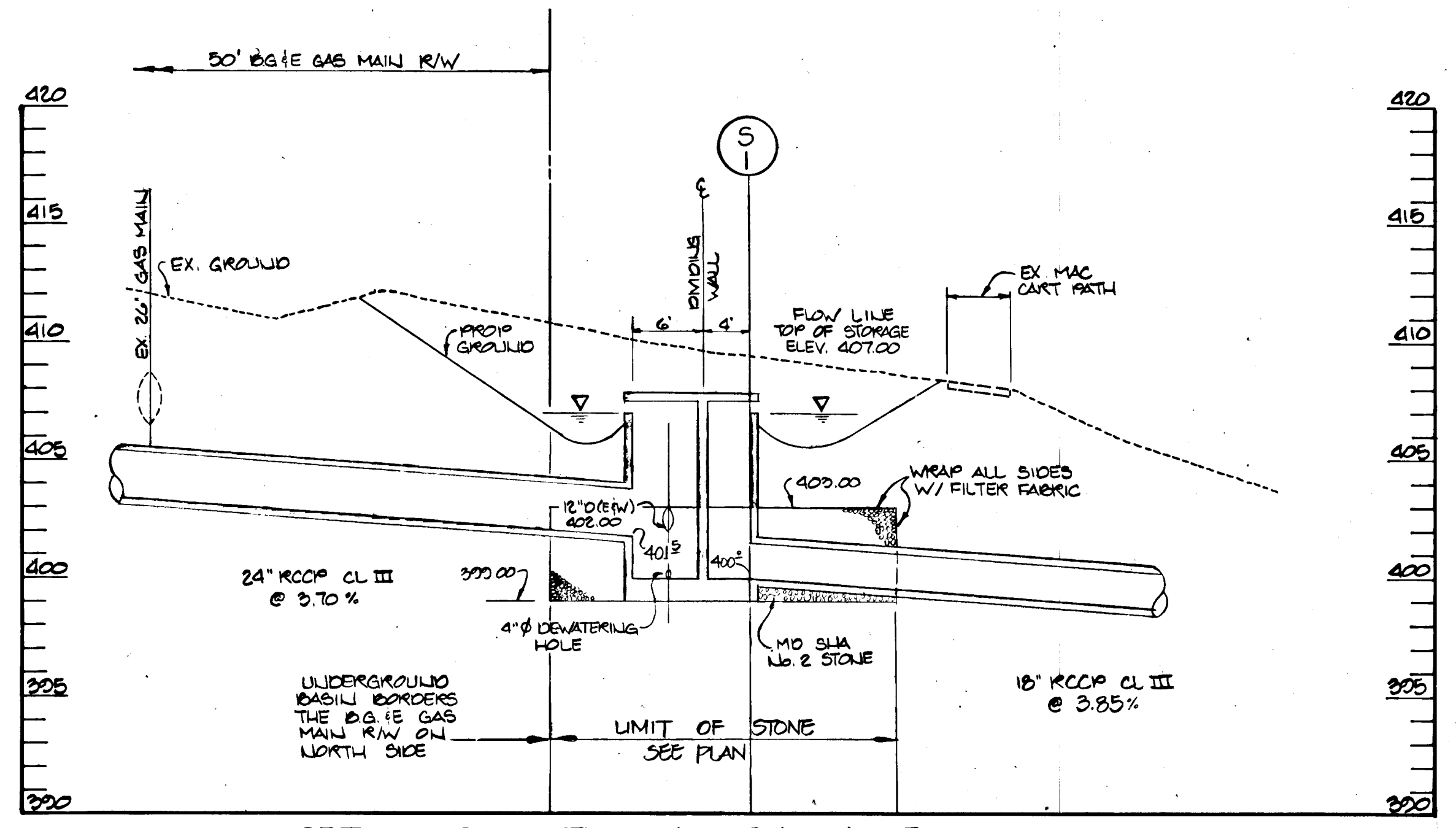
**STORM DRAIN PROFILE**  
 SCALE 1" = 50'  
 DRAWING 7 OF 9  
 JOB NO. 0188113  
 FILE NO.

**COLUMBIA**  
 VILLAGE OF HARPERS CHOICE  
 SECTION 7 AREA 5  
 5TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

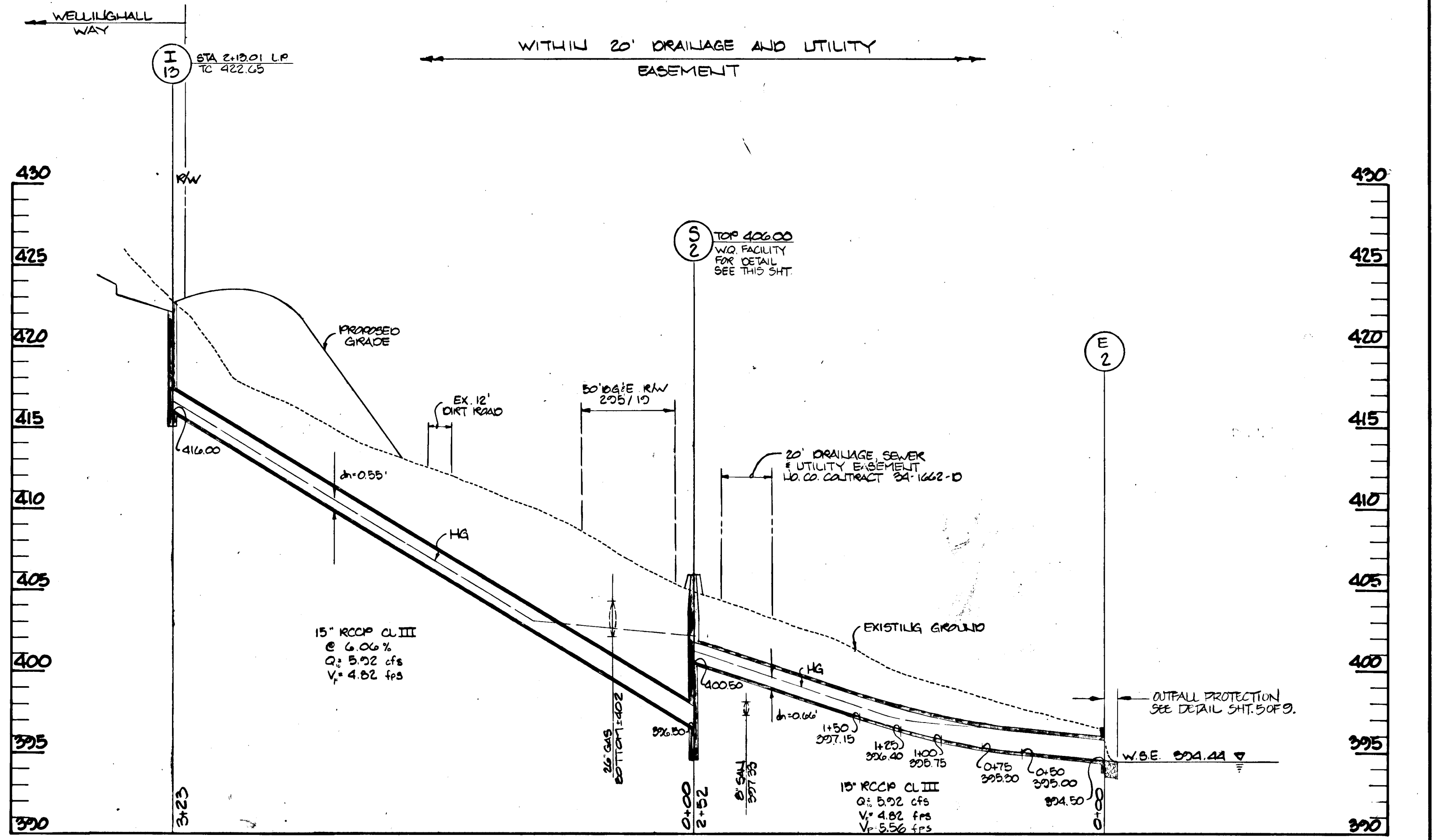
OWNER DEVELOPER  
 THE HOWARD RESEARCH & DEVELOPMENT LAND COMPANY  
 10275 LITTLE PATUXENT PARKWAY  
 COLUMBIA, MARYLAND 21044



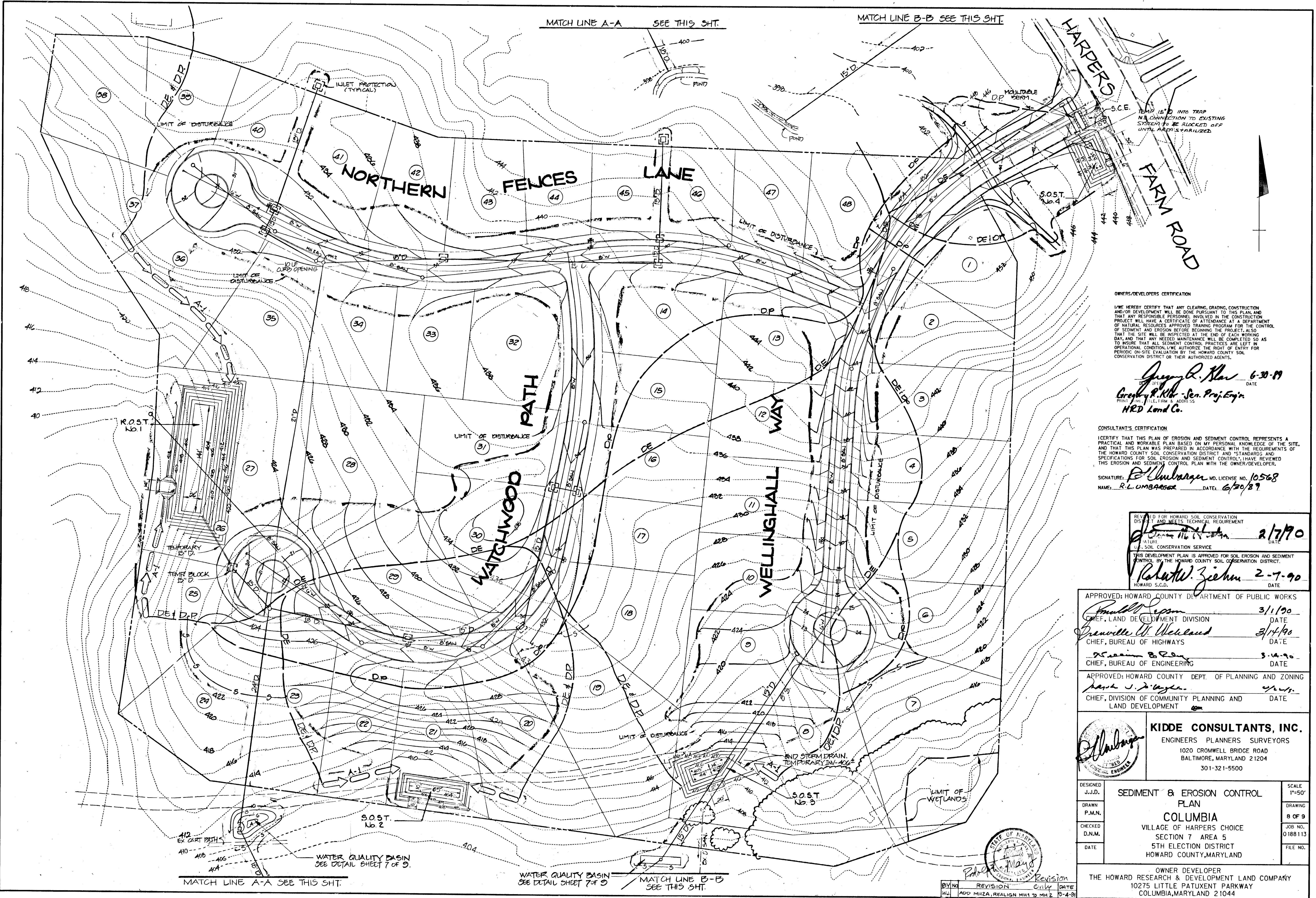
**SECTION 'A-A'**  
SCALE: 1" = 5' VERT.  
1" = 10' HORIZ.



**DETAIL OF WATER QUALITY INLET**  
SCALE: 1" = 50' HORIZ.  
1" = 5' VERT.







MATCH LINE A-A SEE THIS SHT.

MATCH LINE B-B SEE THIS SHT.

**OWNER/DEVELOPER 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, ALSO THAT THE SITE WILL BE INSPECTED AT THE END OF EACH WORKING DAY, AND THAT ANY NEEDED MAINTENANCE WILL BE COMPLETED SO AS TO INSURE THAT ALL SEDIMENT CONTROL PRACTICES ARE LEFT IN OPERATIONAL CONDITION. I/WE AUTHORIZE THE RIGHT OF ENTRY FOR PERIODIC ON-SITE EVALUATION BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS.

*Gregory R. Kline* 6-30-89  
 DATE  
 Gregory R. Kline, Sen. Proj. Engr.  
 HRD Land Co.

**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: *R.L. Umbarger* MD. LICENSE NO. 10568  
 NAME: R.L. UMBARGER DATE: 6/30/89

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT  
*Robert W. Ziehm* 2/7/90  
 DATE  
 U.S. SOIL CONSERVATION SERVICE  
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.  
*Robert W. Ziehm* 2-7-90  
 DATE  
 HOWARD S.C.D.

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*Donald J. Eason* 3/1/90  
 CHIEF, LAND DEVELOPMENT DIVISION DATE  
*Granville W. Weikand* 3/14/90  
 CHIEF, BUREAU OF HIGHWAYS DATE  
*William B. Eason* 3-14-90  
 CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING  
*David J. Boyles* 3/14/90  
 CHIEF, DIVISION OF COMMUNITY PLANNING AND DATE  
 LAND DEVELOPMENT

**KIDDE CONSULTANTS, INC.**  
 ENGINEERS PLANNERS SURVEYORS  
 1020 CROMWELL BRIDGE ROAD  
 BALTIMORE, MARYLAND 21204  
 301-321-5500

DESIGNED J.J.D.	<b>SEDIMENT &amp; EROSION CONTROL PLAN</b> <b>COLUMBIA</b> VILLAGE OF HARPERS CHOICE SECTION 7 AREA 5 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1"=50'
DRAWN P.M.N.		DRAWING 8 OF 9
CHECKED D.N.M.		JOB NO. 0188113
DATE		FILE NO.

OWNER DEVELOPER  
 THE HOWARD RESEARCH & DEVELOPMENT LAND COMPANY  
 10275 LITTLE PATUXENT PARKWAY  
 COLUMBIA, MARYLAND 21044

BY	REVISION	DATE
WJ	ADD MH2A, REALIGN MH1 TO MH2	3-4-89



WATER QUALITY BASIN SEE DETAIL SHEET 7 OF 9

WATER QUALITY BASIN SEE DETAIL SHEET 7 OF 9

MATCH LINE B-B SEE THIS SHT.

MATCH LINE A-A SEE THIS SHT.



