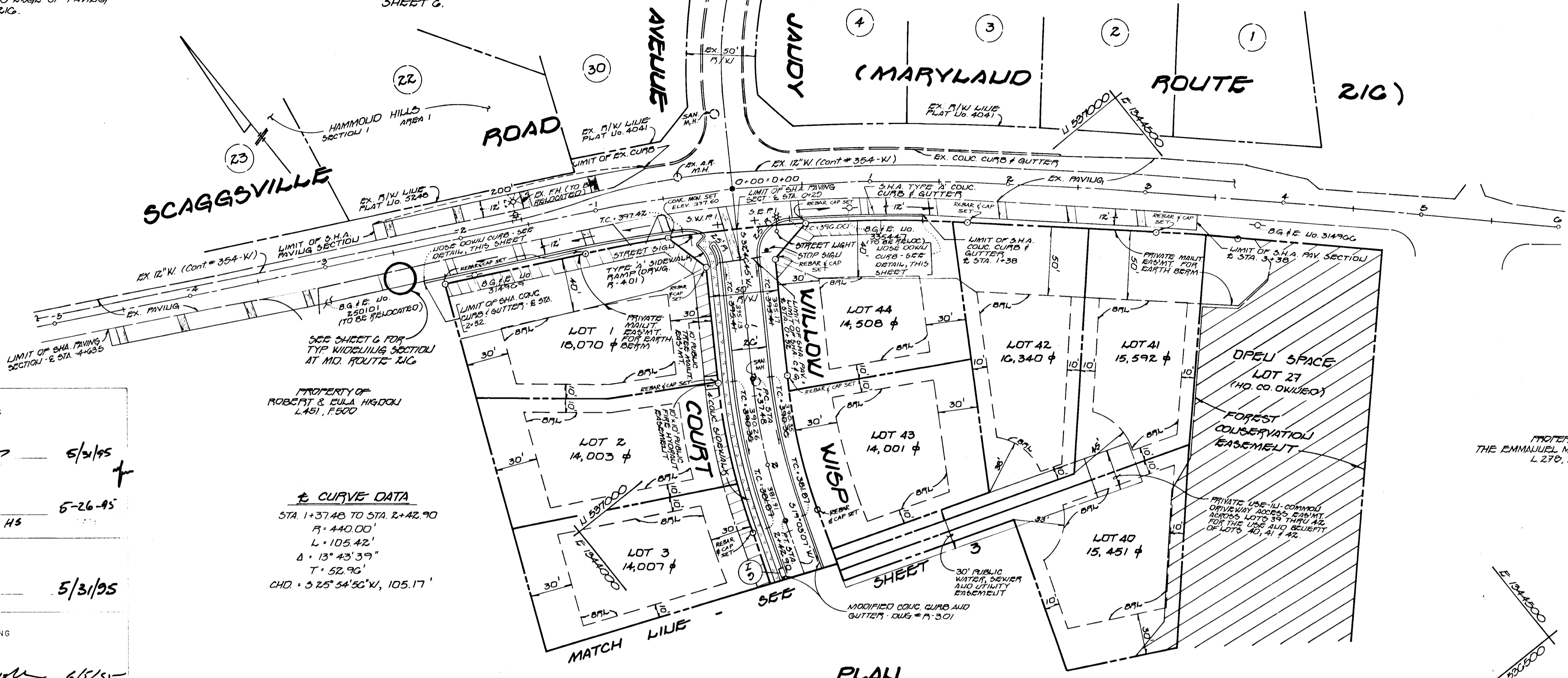
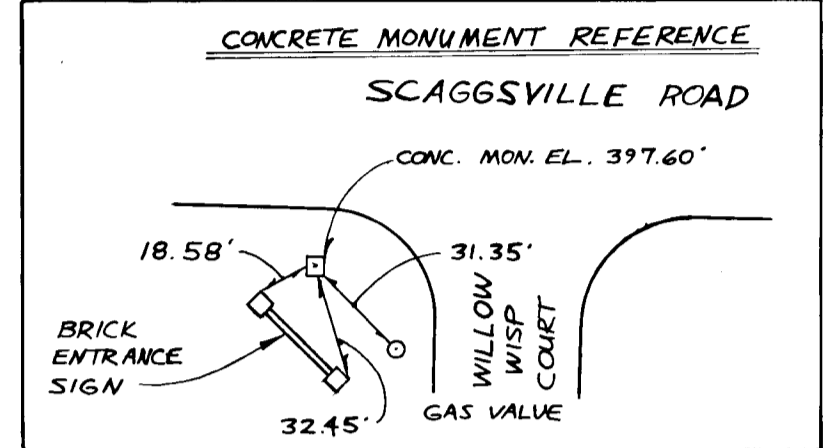
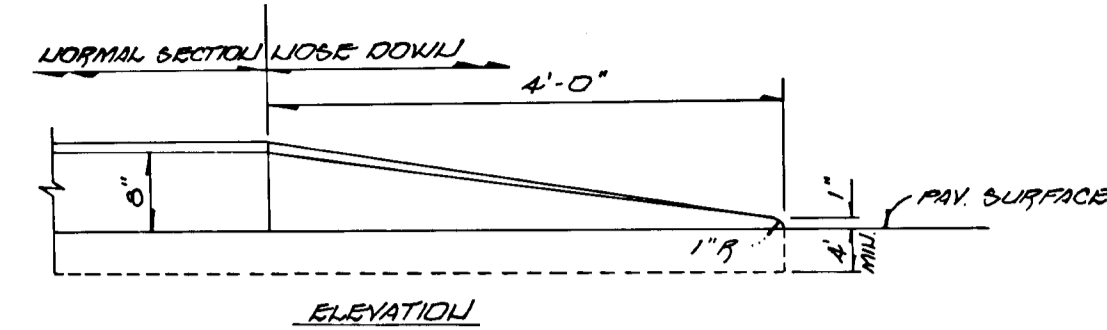


NOTE: CONTRACTOR SHALL CONTACT B.G.F.E. TO RELOCATE ALL UTILITY POLES WITHIN 1/2 OF THE PROPOSED EDGE OF PAVING ALONG MD. ROUTE 210.

DEVOTES S.H.A. PAVING SECTION, SEE DETAIL, SHEET G.



CURVE DATA
 STA 1+37.48 TO STA 2+42.90
 R = 440.00'
 L = 105.42'
 Δ = 13° 43' 39"
 T = 52.96'
 CHD = 3.25 34° 30' N, 105.17'

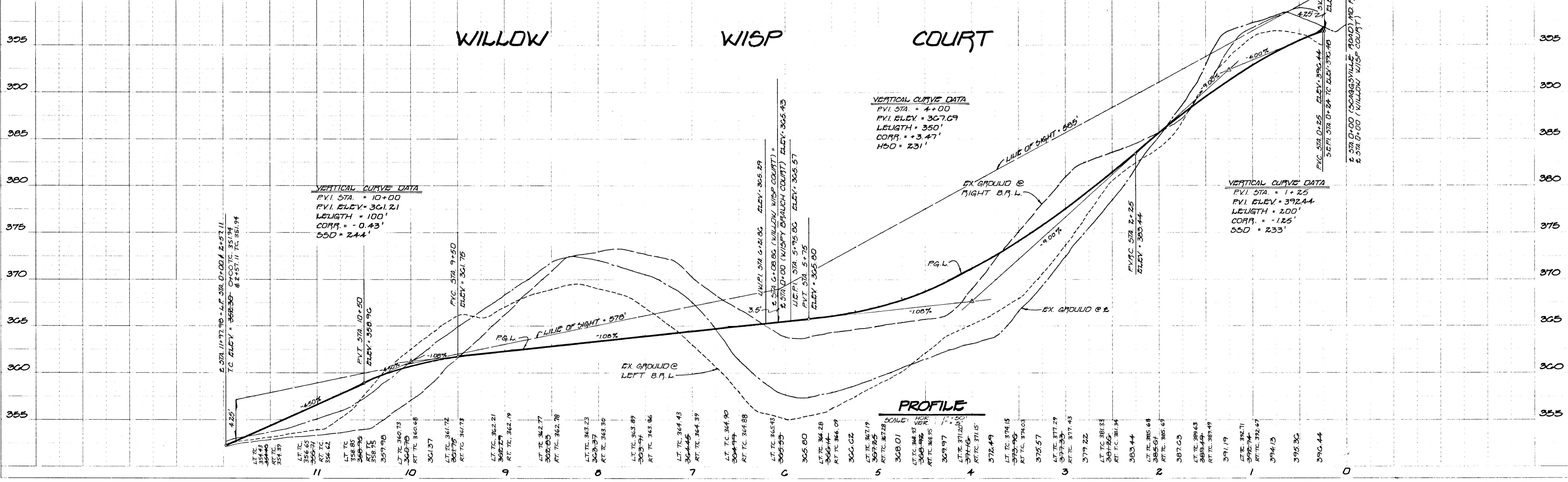
VERTICAL CURVE DATA
 PVI STA = 4+00
 PVI ELEV = 367.09
 LENGTH = 350'
 CORR = +3.47'
 HGD = 231'

VERTICAL CURVE DATA
 PVI STA = 10+00
 PVI ELEV = 361.21
 LENGTH = 100'
 CORR = -0.43'
 SSD = 244'

VERTICAL CURVE DATA
 PVI STA = 1+25
 PVI ELEV = 392.44
 LENGTH = 200'
 CORR = -1.25'
 SSD = 233'

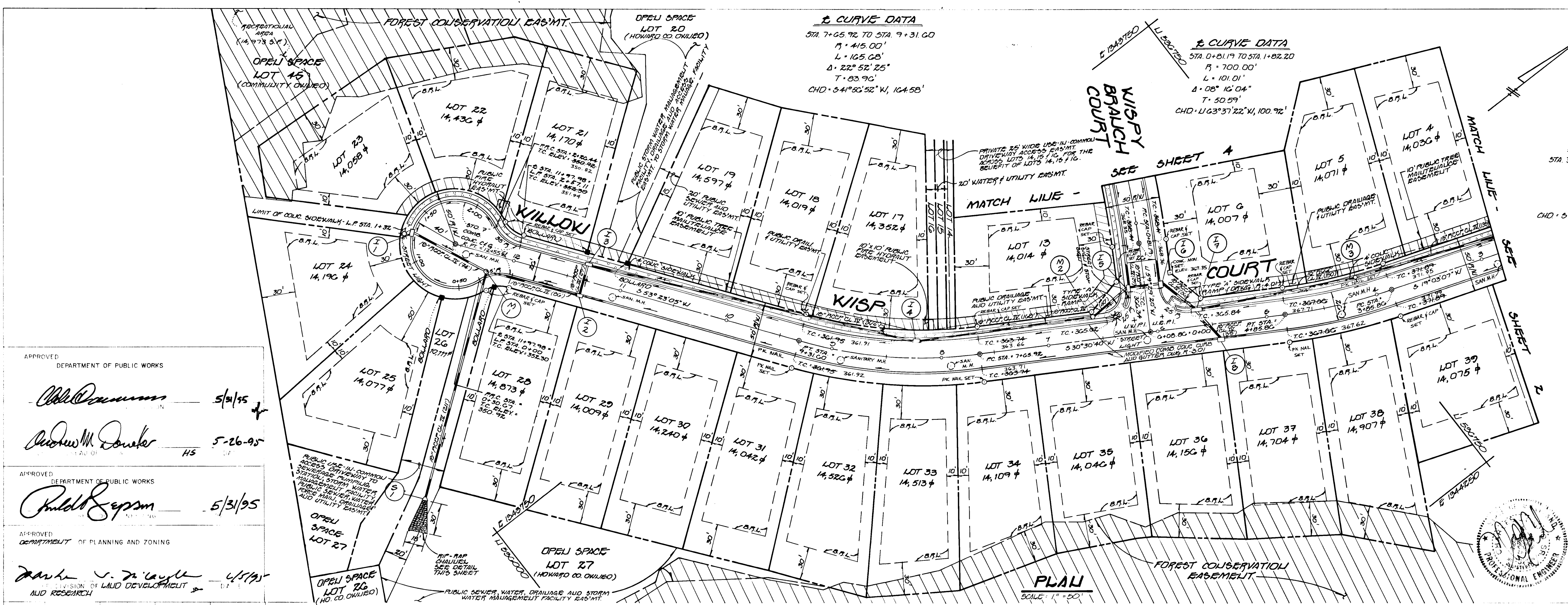
APPROVED DEPARTMENT OF PUBLIC WORKS
 [Signature] 5/21/95
 [Signature] 5-26-95
 APPROVED DEPARTMENT OF PUBLIC WORKS
 [Signature] 5/31/95
 APPROVED DEPARTMENT OF PLANNING AND ZONING
 [Signature] 6/5/95

CHARLES J. CROVO SR. DATE
THE WILLOWS OF ROCKY GORGE
 LOTS 1-45
 TAX MAP 40 PARCELS 57458
 6TH ELECTORAL DISTRICT SCAGGSVILLE, MD.
SCAGGSVILLE ROAD (MD. ROUTE 210)
 PLAN
WILLOW WISP COURT
 PLAN AND PROFILE
OWNER DOUGLAS CLELAND
 35 BROOKSIDE ROAD
 WALLINGFORD, PA 17086
DEVELOPER CHATEAU BUILDERS, INC.
 8005 COLUMBIA 100 PARKWAY
 SUITE 100
 COLUMBIA, MARYLAND 21046
 SCALE AS SHOWN DATE NOV. 11, 1994
 1/8" = 10' 1/4" = 10' 1/4" = 10'
FISHER, COLLINS AND CARTER, INC.
 CIVIL ENGINEERS AND LAND SURVEYORS
 6711 BALTIMORE LANE PKW, SUITE 100, ELLEWOOD CITY, MD 21048



1737

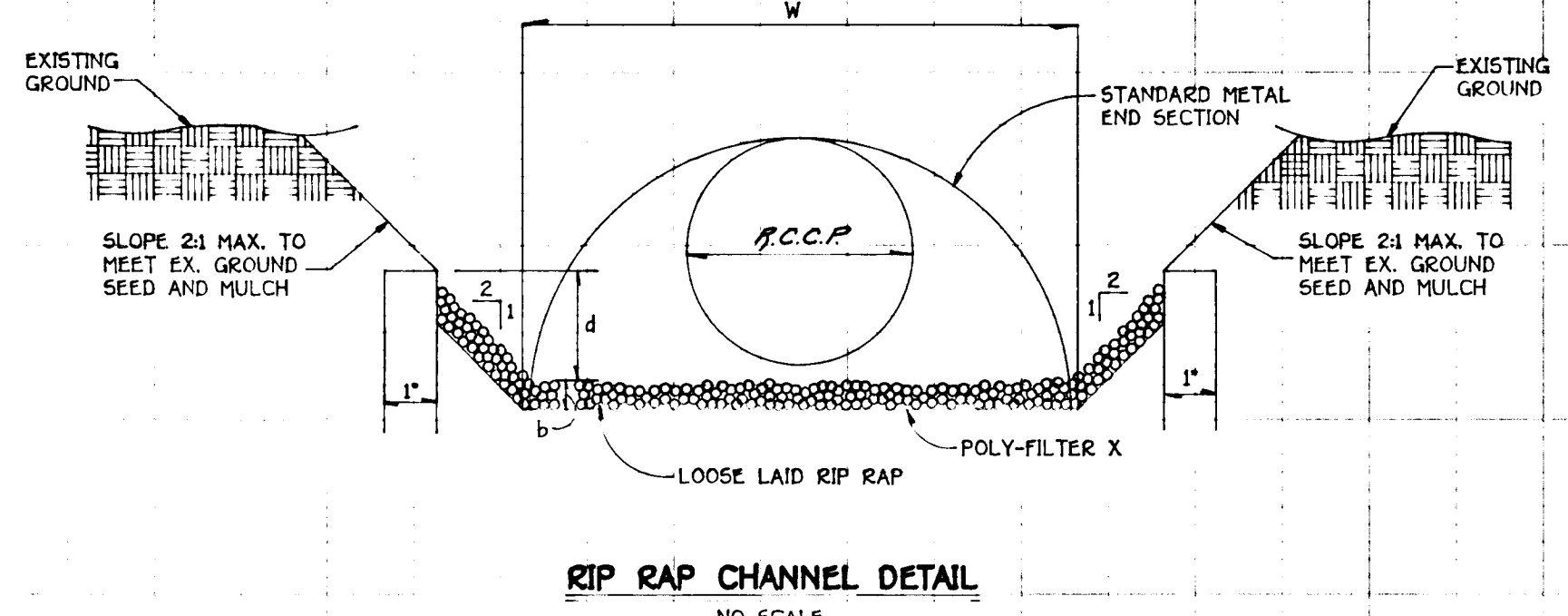
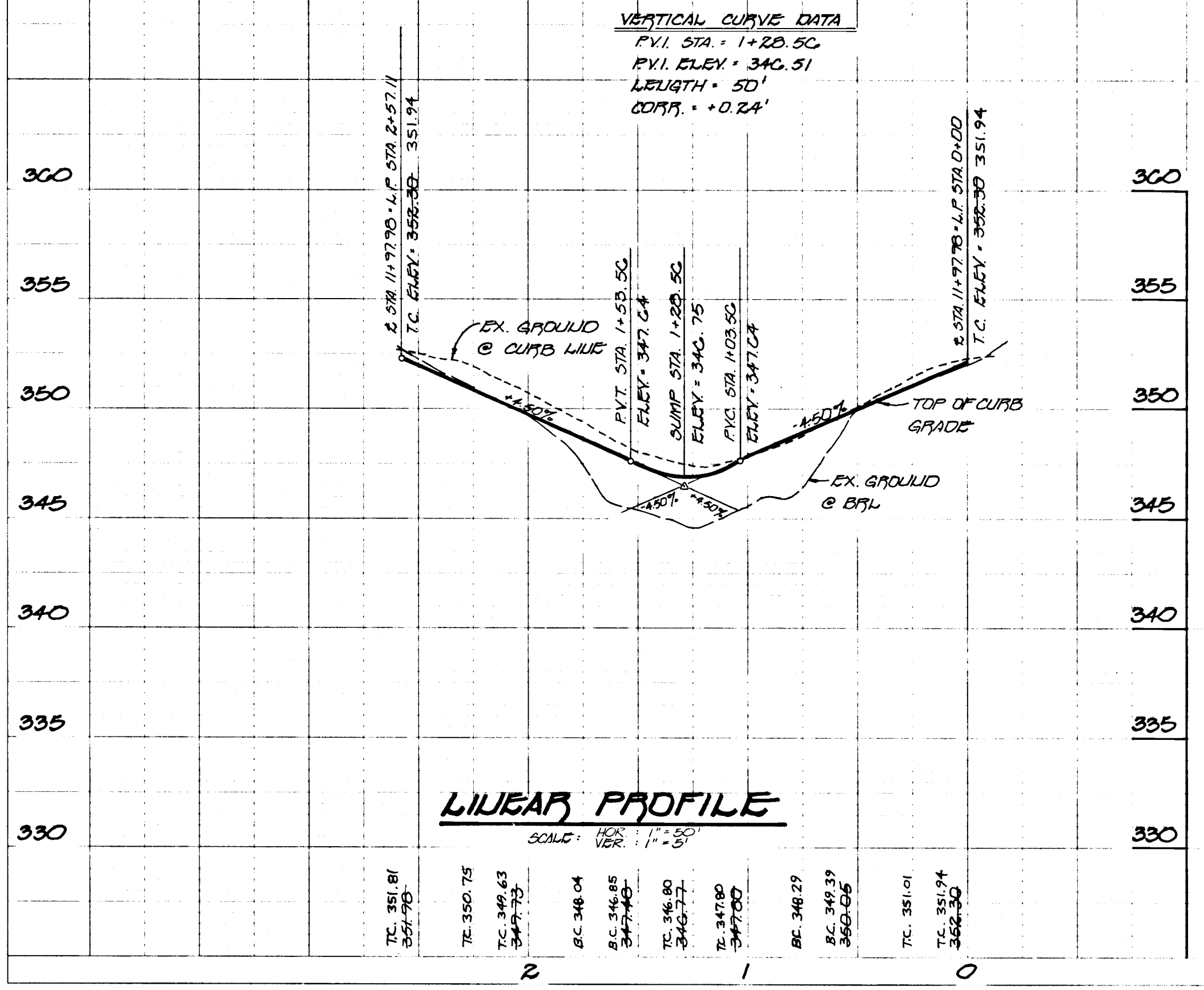
PLAN
 SURVEYED
 PLOTTED
 CHECKED
 DATE
 BY
 NO. 1737



APPROVED
 DEPARTMENT OF PUBLIC WORKS
 5/31/95
 APPROVED
 DEPARTMENT OF PUBLIC WORKS
 5-26-95
 APPROVED
 DEPARTMENT OF PUBLIC WORKS
 5/31/95
 APPROVED
 DEPARTMENT OF PLANNING AND ZONING
 4/19/95

THE WILLOWS OF ROCKY GORGE
 LOTS 1-45
 TAX MAP 4G PARCELS 57 & 58
 CITY ELECTRIC DISTRICT SOGEMILAND, MD.
 WILLOW WISP COURT
 WISPY BRANCH COURT
 PLANNING PROFILE
 OWNER: DOUGLAS CUELAND
 DEVELOPER: CHATEAU BUILDERS, INC.
 35 BROOKSIDE ROAD
 8805 COLUMBIA 100 PARKWAY
 WALLINGTON, VA 22086
 COLUMBIA, MARYLAND 21045
 SCALE: AS SHOWN DATE: NOV. 11, 1994
 DESIGNED BY: J. ISAACS
 CHECKED BY: J. LAMKE
 DRAWN BY: C. CROVO
 FISHER, COLLINS AND CARTER, INC.
 CIVIL ENGINEERS AND ARCHITECTS
 5171 BATHURST LANE, SUITE 100, ELWIGOTT CITY, MD 21042

WILLOW WISP COURT



CONSTRUCTION SPECIFICATIONS FOR RIP-RAP OUTFALLS

- The subgrade for the filter, riprap or gabion shall be prepared to the required lines and grades. Any fill required in the subgrade shall be compacted to a density of approximately that of the surrounding undisturbed material.
- The rock or gravel shall conform to the specified grading limits when installed respectively in the riprap or filter.
- Filter cloth shall be protected from punching, cutting or tearing. Any damage other than an occasional small hole shall be repaired by placing another piece of cloth over the damaged part or by completely replacing the cloth. All overlaps whether for repairs or for joining two pieces of cloth shall be a minimum of one foot.
- Stone for the riprap or gabion outlets may be placed by equipment. Both shall each be constructed to the full course thickness in one operation and in such a manner as to avoid displacement of underlying materials. The stone for riprap or gabion outlets shall be delivered and placed in a manner that will insure that it is reasonably homogeneous with the smaller stones and spalls filling the voids between the larger stones. Riprap shall be placed in a manner to prevent damage to the filter blanket or filter cloth. Hand placement will be required to the extent necessary to prevent damage to the permanent works.

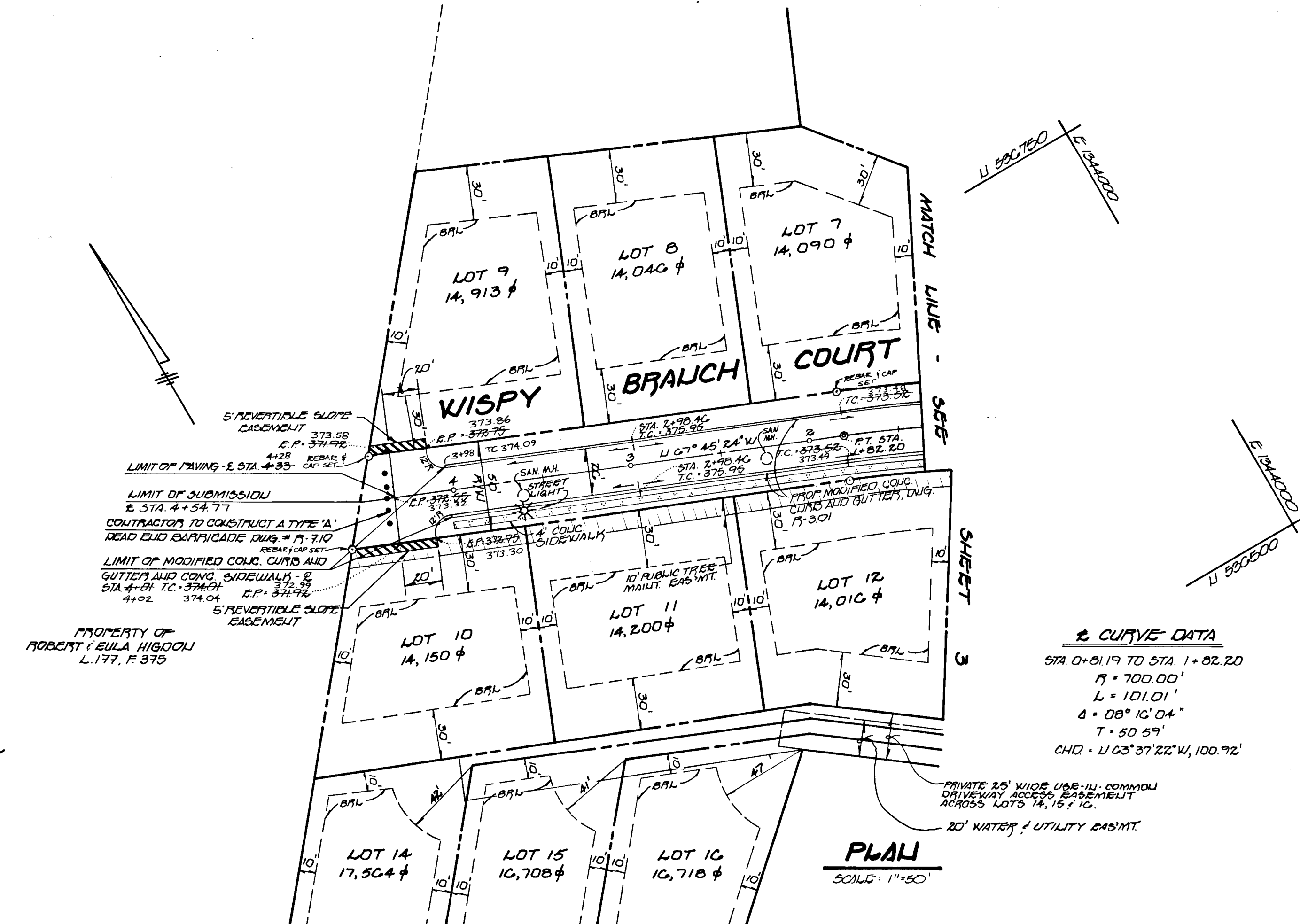
RIP-RAP CHANNEL DESIGN DATA

STRUCTURE	AREA	WETTED PERIMETER	R	R 2/3	S	S 1/2	B	D	N	V	Q	RIP-RAP SIZE	BLANKET THICKNESS
												D50	DMAX
S-1	18.17	12.775	1.1877	1.1222	0.005	0.071	4.50'	1.05	0.035	14.58	50.68	9"	14"
S-2	10.746	11.403	0.9423	0.9610	0.005	0.071	6.50'	1.32	0.035	9.68	30.40	9"	14"

PLAN
 SURVEYED BY DATE
 ALL GRADES CHECKED
 SET OF WAY CHECKED
 NO. DATE

APPROVED DEPARTMENT OF PUBLIC WORKS
Charles J. Crovo 5/21/95
 APPROVED DEPARTMENT OF PUBLIC WORKS
Andrew M. Danke 5-16-95
 APPROVED DEPARTMENT OF PUBLIC WORKS
Paul D. Epsom 5/31/95
 APPROVED DEPARTMENT OF PLANNING AND ZONING
Mark J. DeAngelis 6/15/95
 DIVISION OF LAND DEVELOPMENT AND RESEARCH

PROFILE
 SURVEYED BY DATE
 ALL GRADES CHECKED
 SET OF WAY CHECKED
 NO. DATE



CURVE DATA
 STA 0+81.9 TO STA. 1+82.20
 R = 700.00'
 L = 101.01'
 Δ = 08° 16' 04"
 T = 50.59'
 CHD = U 03° 37' 22" W, 100.92'

PLAN
 SCALE: 1" = 50'



Charles J. Crovo
 CHARLES J. CROVO ES.
 DATE 11/23/94

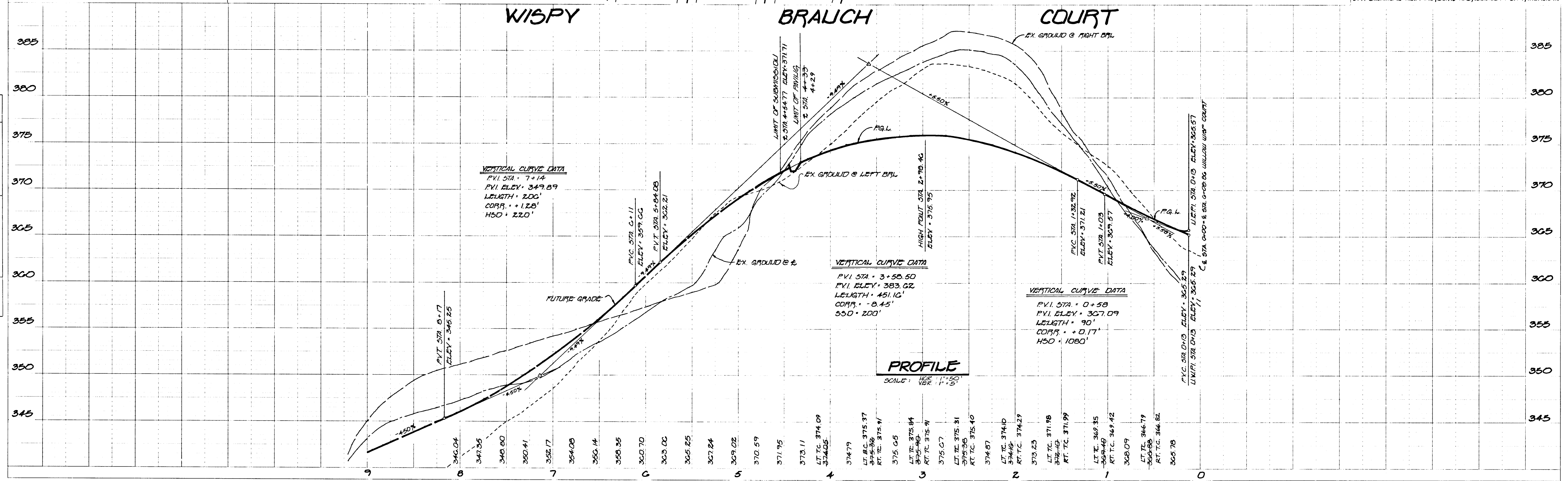
THE WILLOWS OF ROCKY GORGE
 LOTS 1-15
 TAX MAP 4G PARCELS 87 & 88
 6TH ELECTORAL DISTRICT SCOTTSVILLE, MD.

WISPY BRANCH COURT
 PLAN AND PROFILE

OWNER
 DANILA CLEWELL
 35 BROOKSIDE ROAD
 WASHINGTON, PA 15306

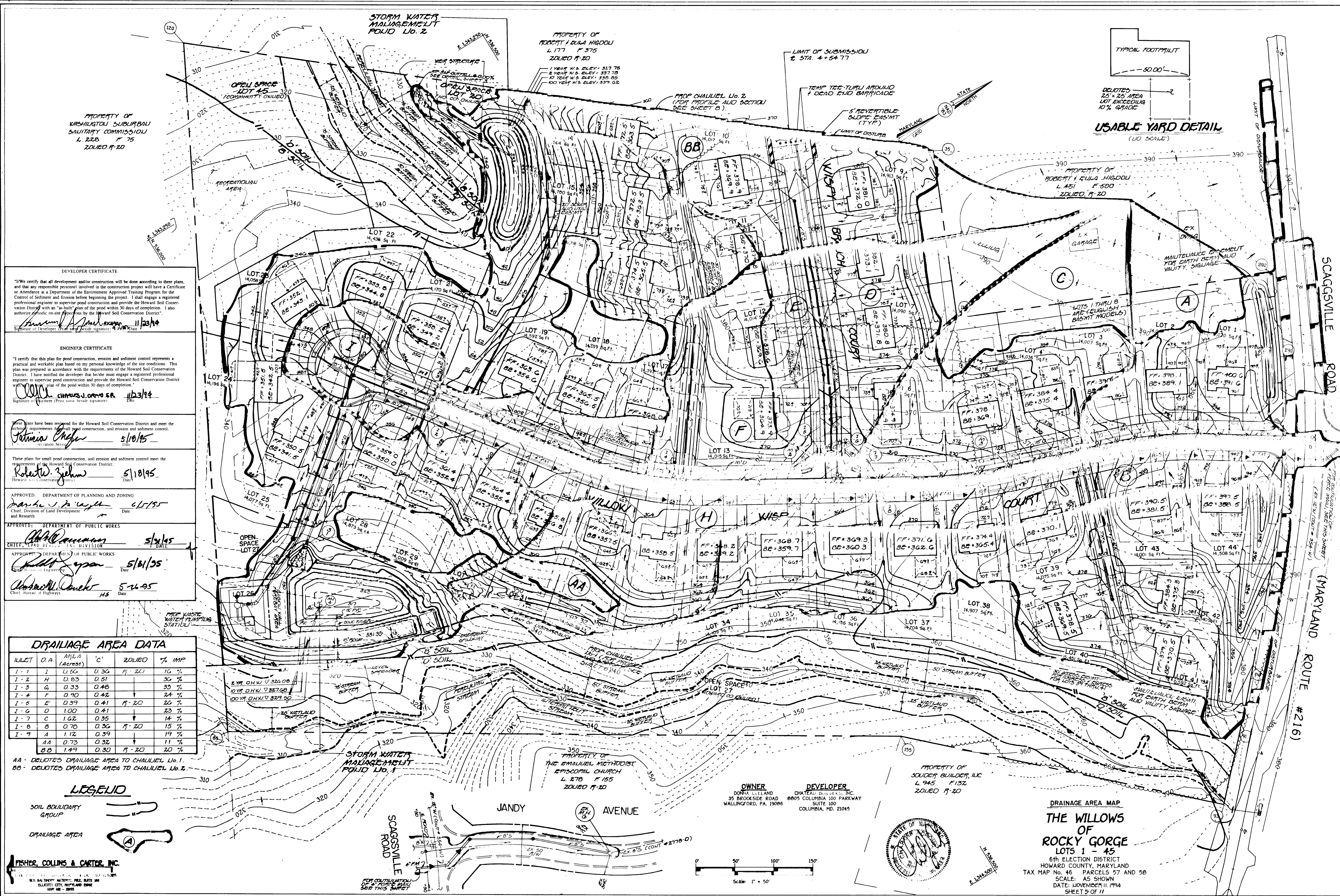
DEVELOPER
 CHATEAU BUILDERS, INC.
 8808 COLUMBIA 100 PARKWAY
 SUITE 100
 COLUMBIA, MARYLAND 21045

SCALE AS SHOWN DATE NOV. 11, 1994 DWG NO. A 11 11
 DES. J. ISABCO DRA. J. WAMKE CHK. C. CROVO
FISHER, COLLINS AND CARTER, INC.
 CIVIL ENGINEERS AND LAND SURVEYORS
 2071 BALTIMORE WASH PIKE, SUITE 100, ELKROTT CITY, MD 21042



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PROPERTY OF WASHINGTON SUBURBAN SANITARY COMMISSION L. 228 F. 75 ZONED R-20

PROPERTY OF ROBERT & EUNA HIGDON L. 177 F. 375 ZONED R-20

PROPERTY OF ROBERT & EUNA HIGDON L. 151 F. 500 ZONED R-20

PROPERTY OF THE EMMAUEL METHODIST EPISCOPAL CHURCH L. 276 F. 155 ZONED R-20

PROPERTY OF SOLDER BUILDERS, INC. L. 945 F. 132 ZONED R-20

OWNER DONNA LILLAND 35 BROOKSIDE ROAD WALLINGFORD, PA. 19086

DEVELOPER CHATEAU DEVELOPERS, INC. 8805 COLUMBIA 100 PARKWAY SUITE 100 COLUMBIA, MD. 21045

DEVELOPER CERTIFICATE

"I certify that all development and/or construction will be done according to these plans, and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I shall engage a registered professional engineer to supervise pond construction and provide the Howard Soil Conservation District with an 'as-built' plan of the pond within 30 days of completion. I also authorize periodic on-site inspections by the Howard Soil Conservation District."

Signature of Developer (Print name beside signature) James J. O'Connell 11/23/94

ENGINEER CERTIFICATE

"I certify that this plan for pond construction, erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions. This plan was prepared in accordance with the requirements of the Howard Soil Conservation District. I have notified the developer that he/she must engage a registered professional engineer to supervise pond construction and provide the Howard Soil Conservation District with an 'as-built' plan of the pond within 30 days of completion."

Signature of Engineer (Print name beside signature) Charles J. O'Connell 11/23/94

These plans have been reviewed for the Howard Soil Conservation District and meet the requirements for all pond construction, soil erosion and sediment control.

Signature of Reviewer James J. O'Connell 5/10/95

Signature of Reviewer Robert W. Zehner 5/10/95

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Signature Mark A. Wynn 5/1/95

APPROVED: DEPARTMENT OF PUBLIC WORKS

Signature John J. O'Connell 5/1/95

APPROVED: DEPARTMENT OF PUBLIC WORKS

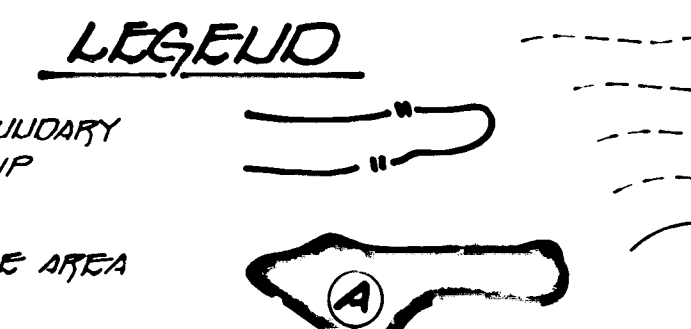
Signature Paul J. O'Connell 5/1/95

Signature Robert W. Zehner 5/16/95

DRAINAGE AREA DATA

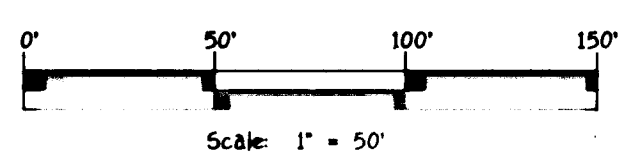
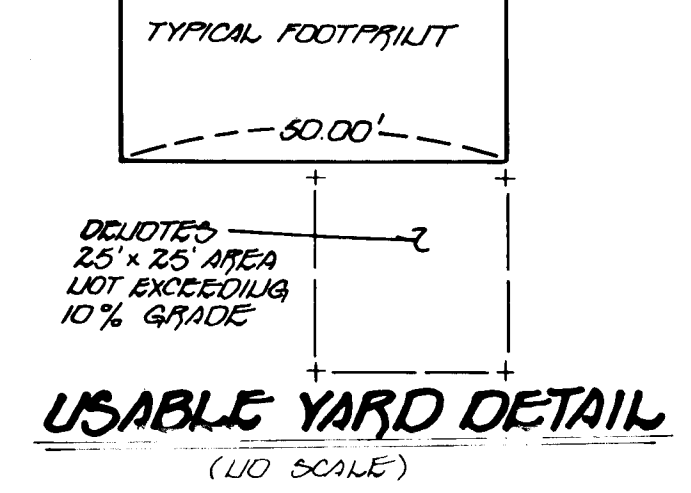
INLET	D.A.	AREA (Acres)	C	ROUO	% IMP
1-1	I	0.66	0.30	R-20	10%
1-2	H	0.63	0.51		30%
1-3	G	0.33	0.48		30%
1-4	F	0.40	0.42		24%
1-5	E	0.39	0.41	R-20	20%
1-6	D	1.00	0.41		23%
1-7	C	1.62	0.35		14%
1-8	B	0.76	0.30	R-20	15%
1-9	A	1.12	0.39		19%
AA		0.73	0.30		11%
BB		1.49	0.30	R-20	20%

AA - DELETES DRAINAGE AREA TO CHANUEL No. 1.
BB - DELETES DRAINAGE AREA TO CHANUEL No. 2.



FISHER, COLLINS & CARTER, INC.

717 BAILEY STREET, SUITE 100
ELICOTT CITY, MARYLAND 21043
(410) 761-2290



DRAINAGE AREA MAP

THE WILLOWS OF ROCKY GORGE

LOTS 1 - 45

6TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
TAX MAP No. 46 PARCELS 57 AND 58
SCALE: AS SHOWN
DATE: NOVEMBER 11, 1994
SHEET 9 OF 11

ENGINEER'S CERTIFICATE
 I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITION AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

SIGNATURE OF ENGINEER: *[Signature]* DATE: 11/23/94

DEVELOPER'S CERTIFICATE
 I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL 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. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS DEEMED NECESSARY.

SIGNATURE OF DEVELOPER: *[Signature]* DATE: 11/23/94

APPROVED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
 SIGNATURE: *[Signature]* DATE: 5/18/95
 U.S. SOIL CONSERVATION DISTRICT

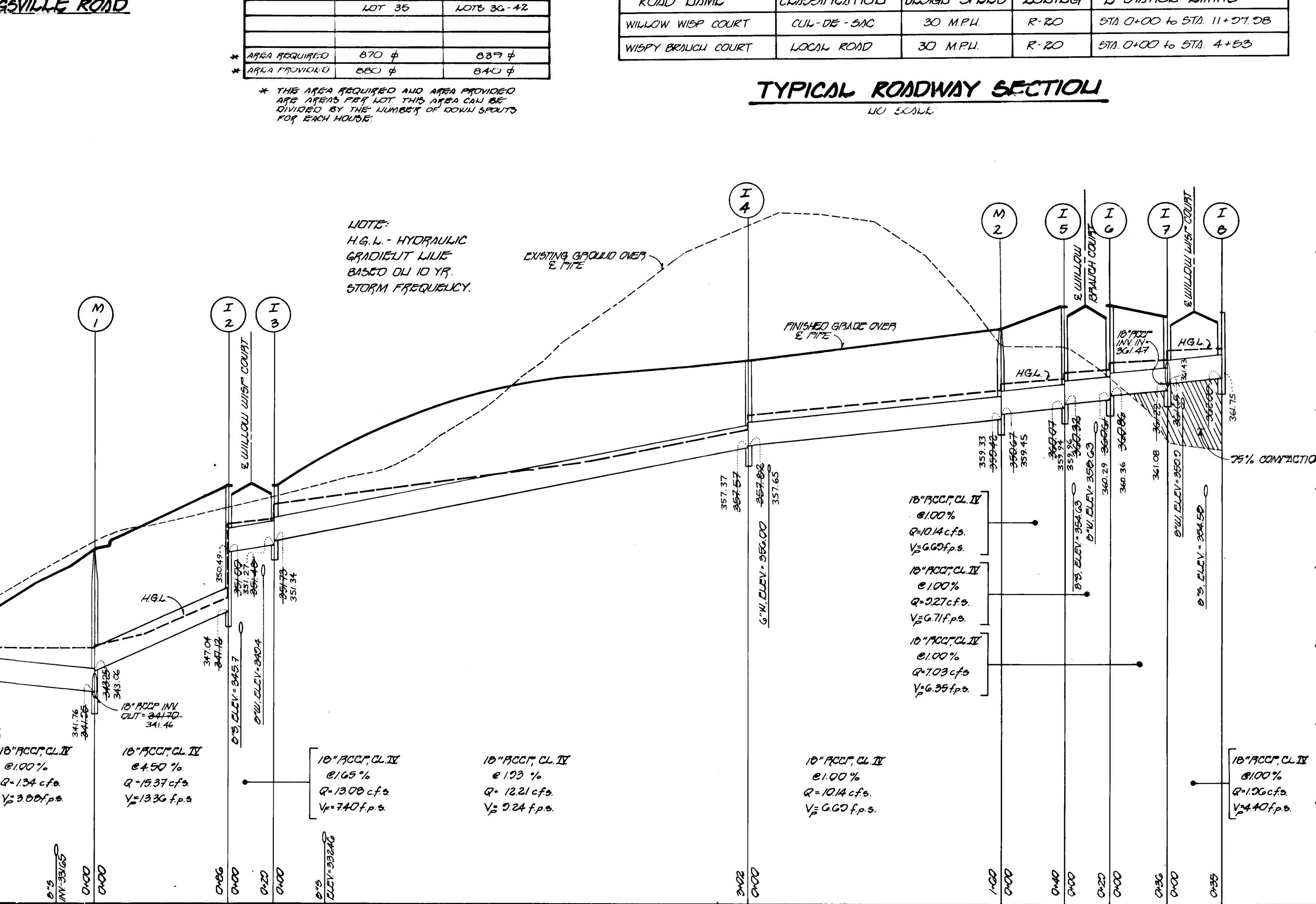
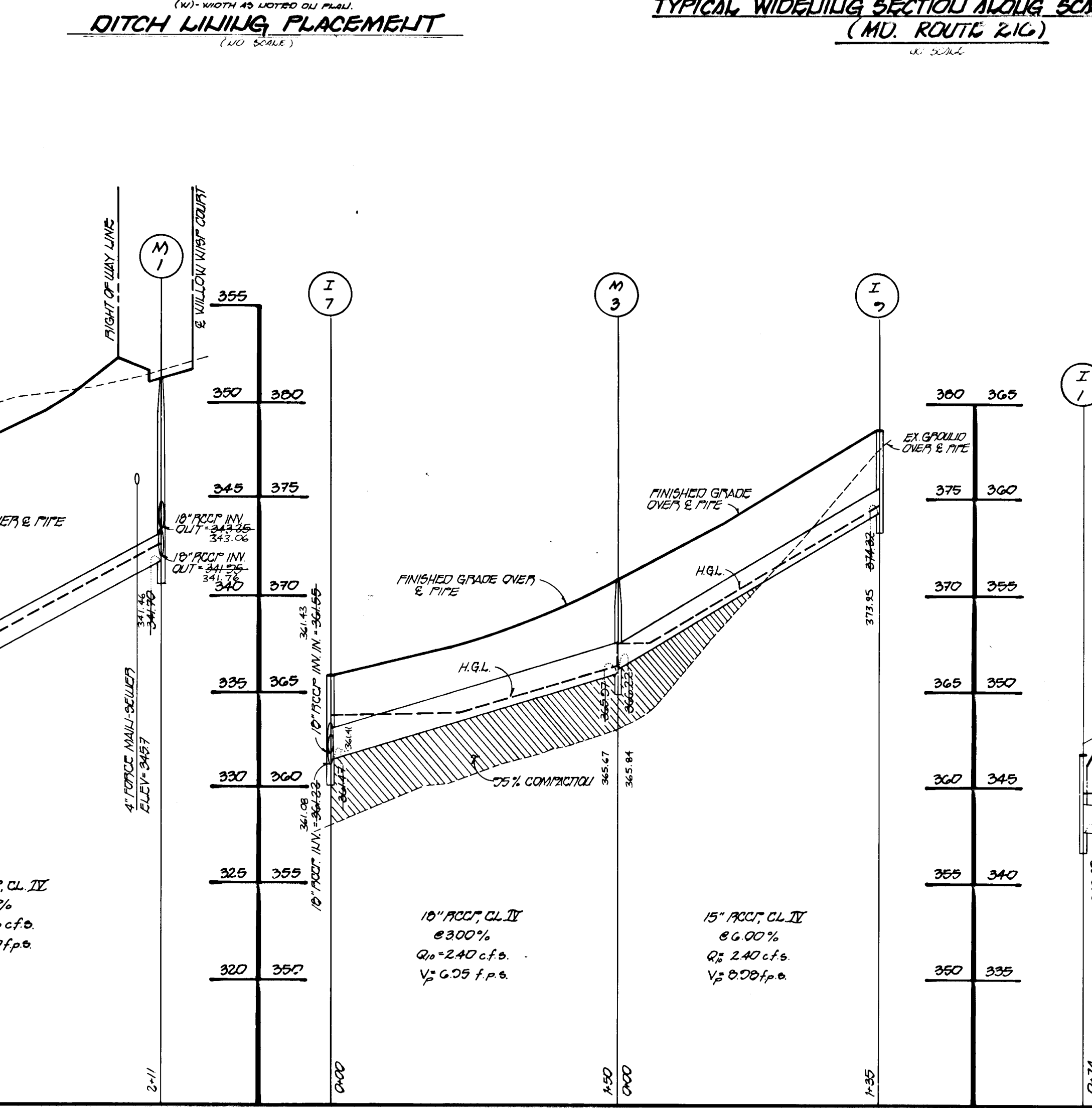
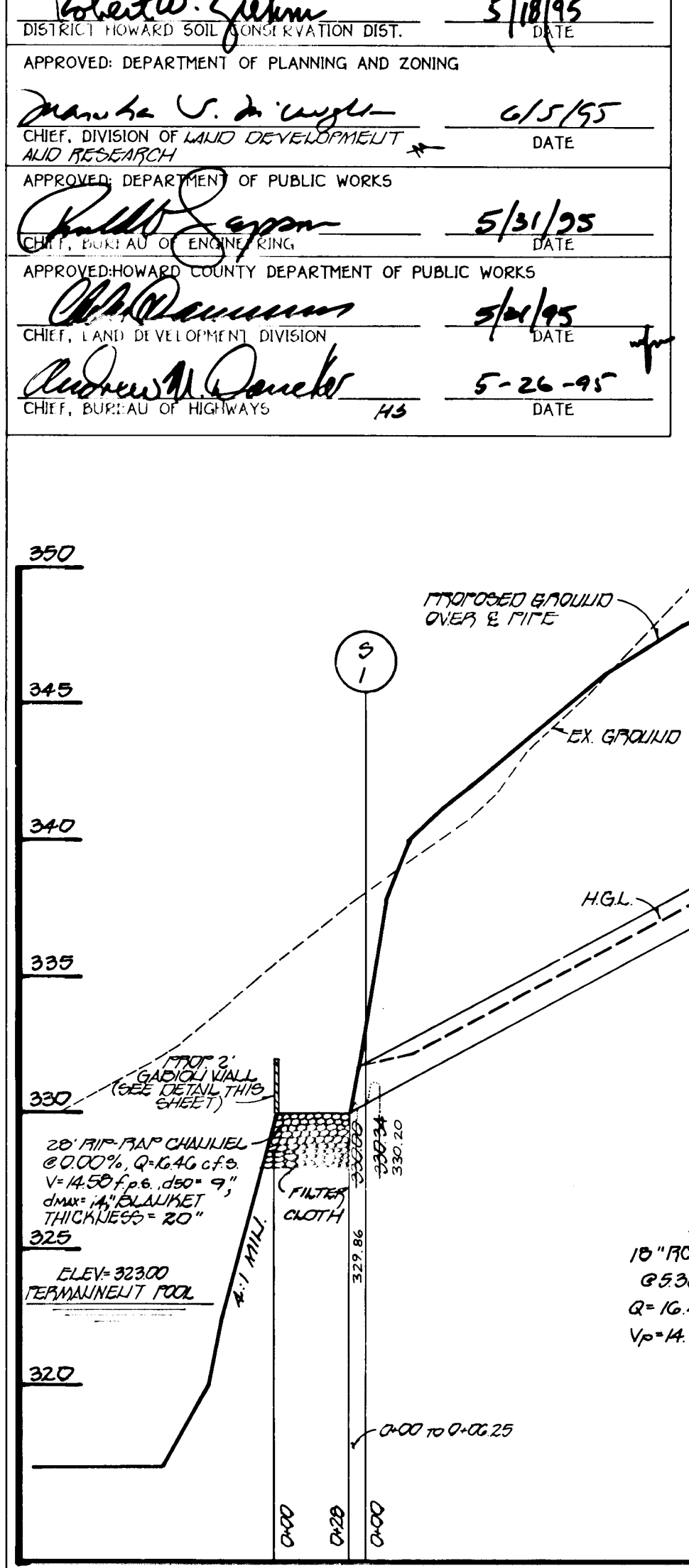
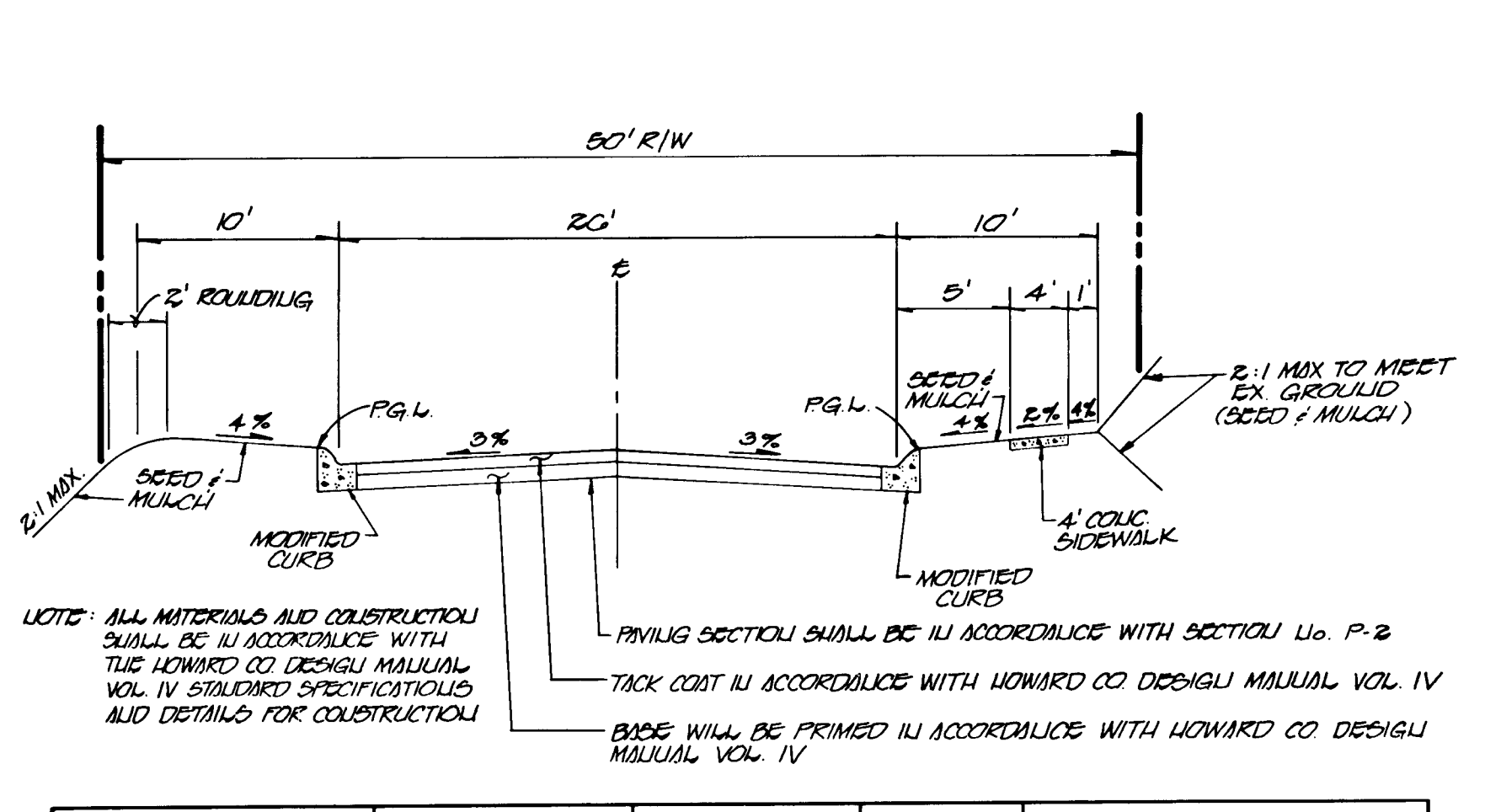
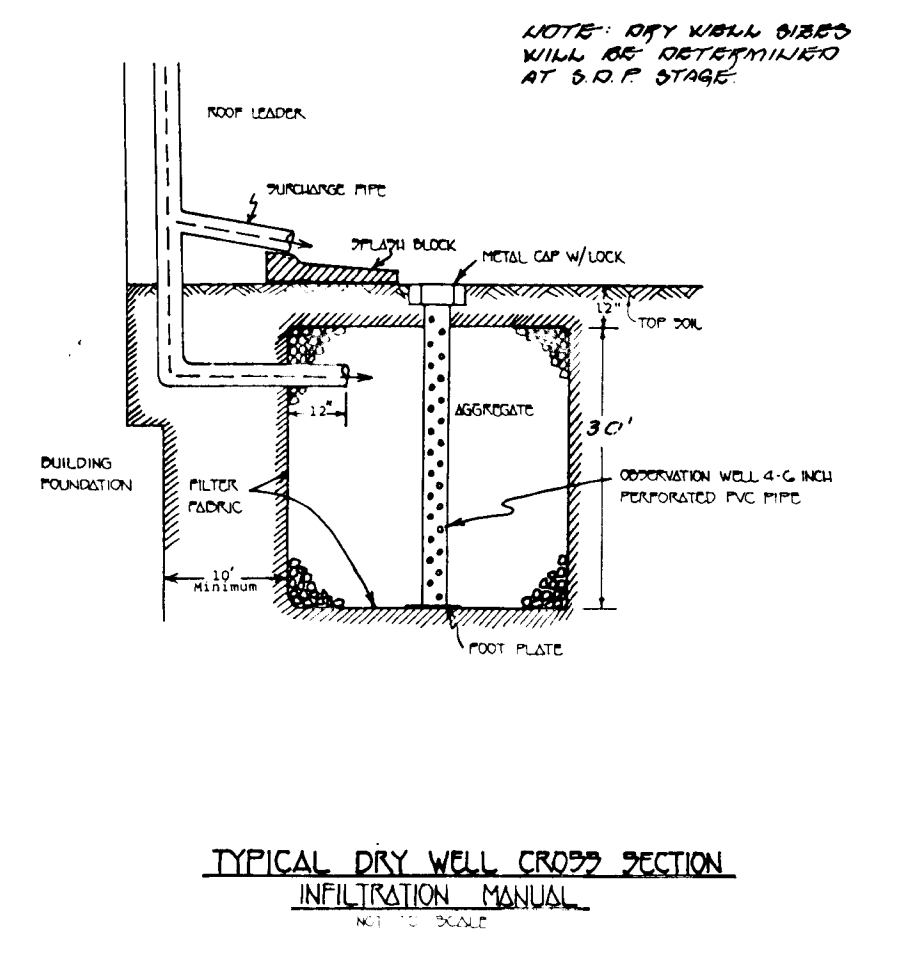
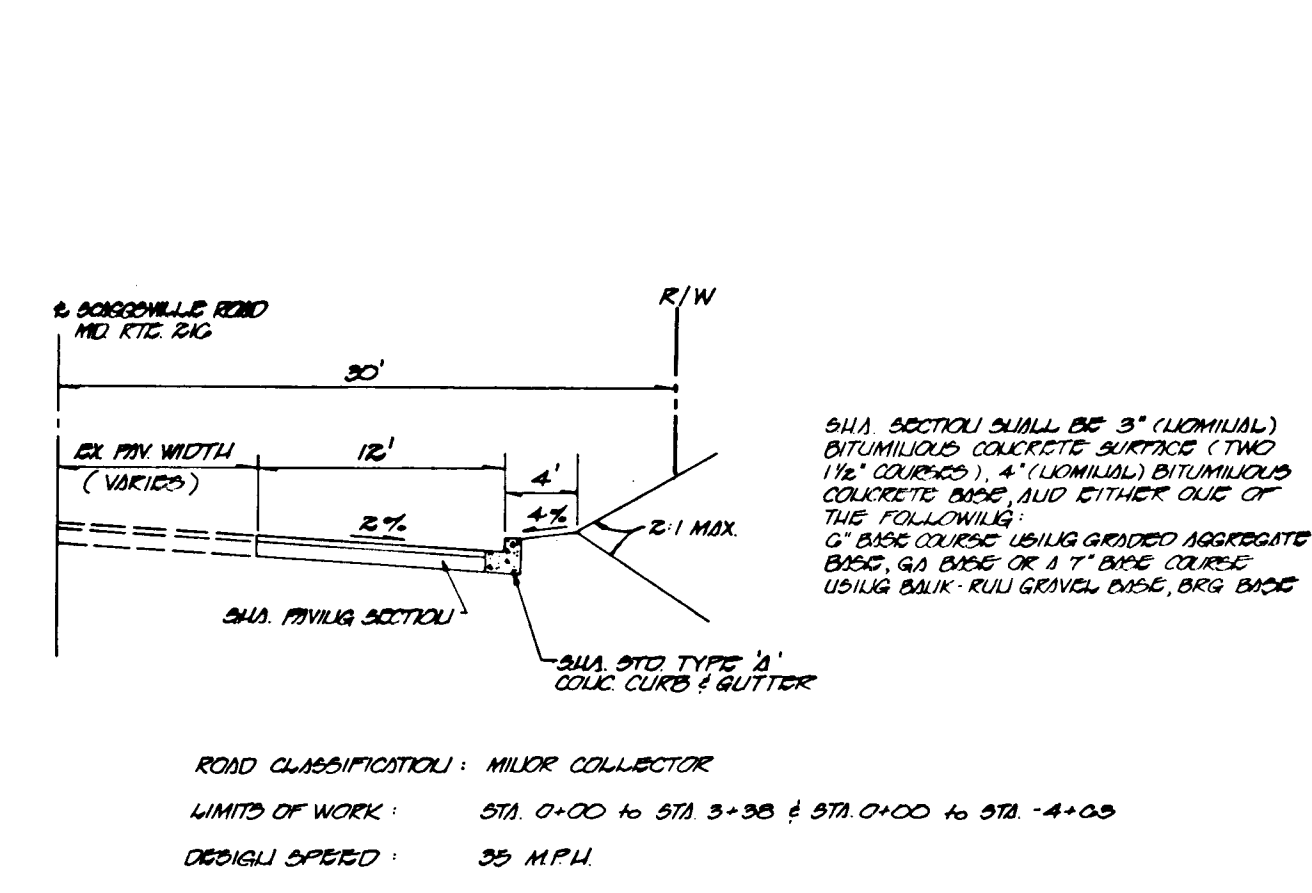
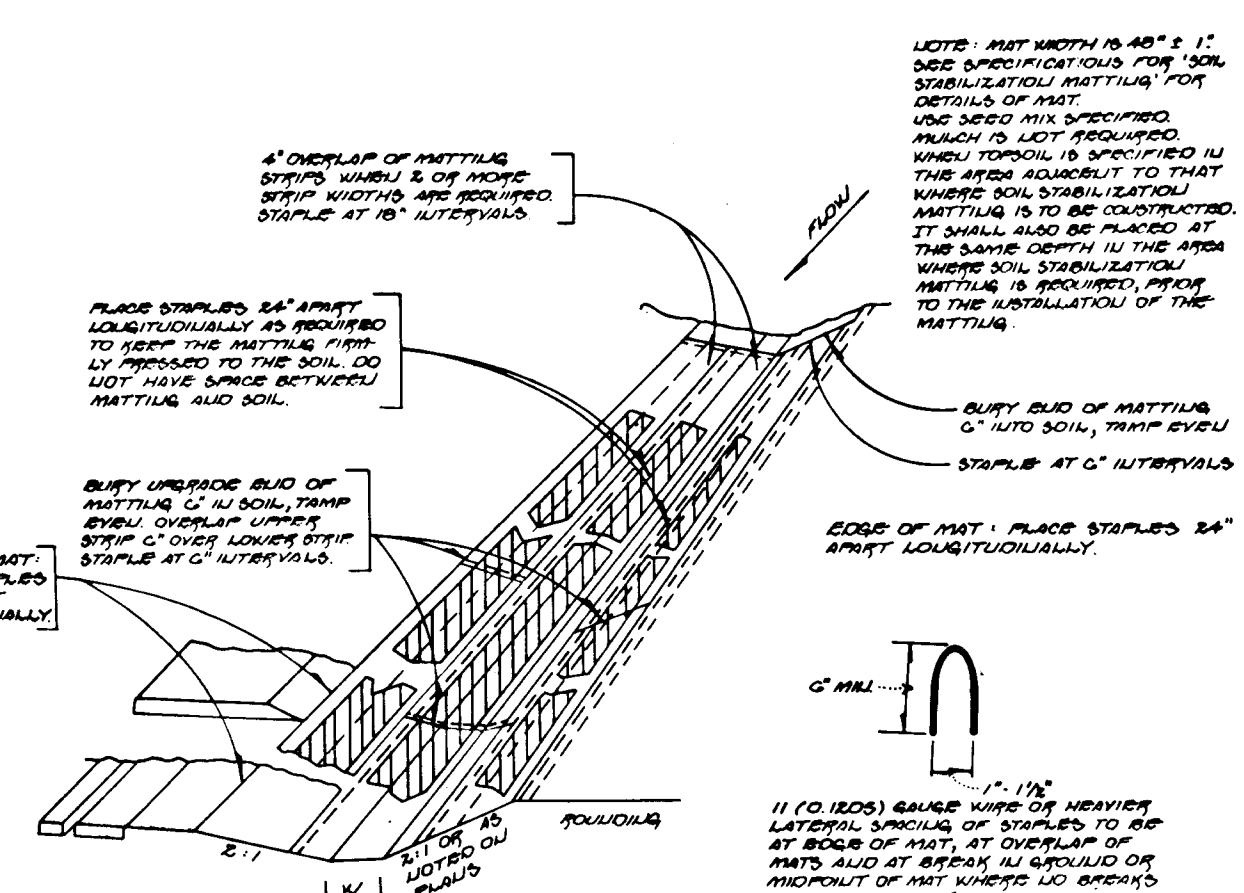
THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
 APPROVED: *[Signature]* DATE: 5/18/95
 DISTRICT HOWARD COUNTY SOIL CONSERVATION DIST.

APPROVED DEPARTMENT OF PLANNING AND ZONING
 SIGNATURE: *[Signature]* DATE: 6/5/95
 CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH

APPROVED DEPARTMENT OF PUBLIC WORKS
 SIGNATURE: *[Signature]* DATE: 5/31/95
 CHIEF, BUREAU OF ENGINEERING

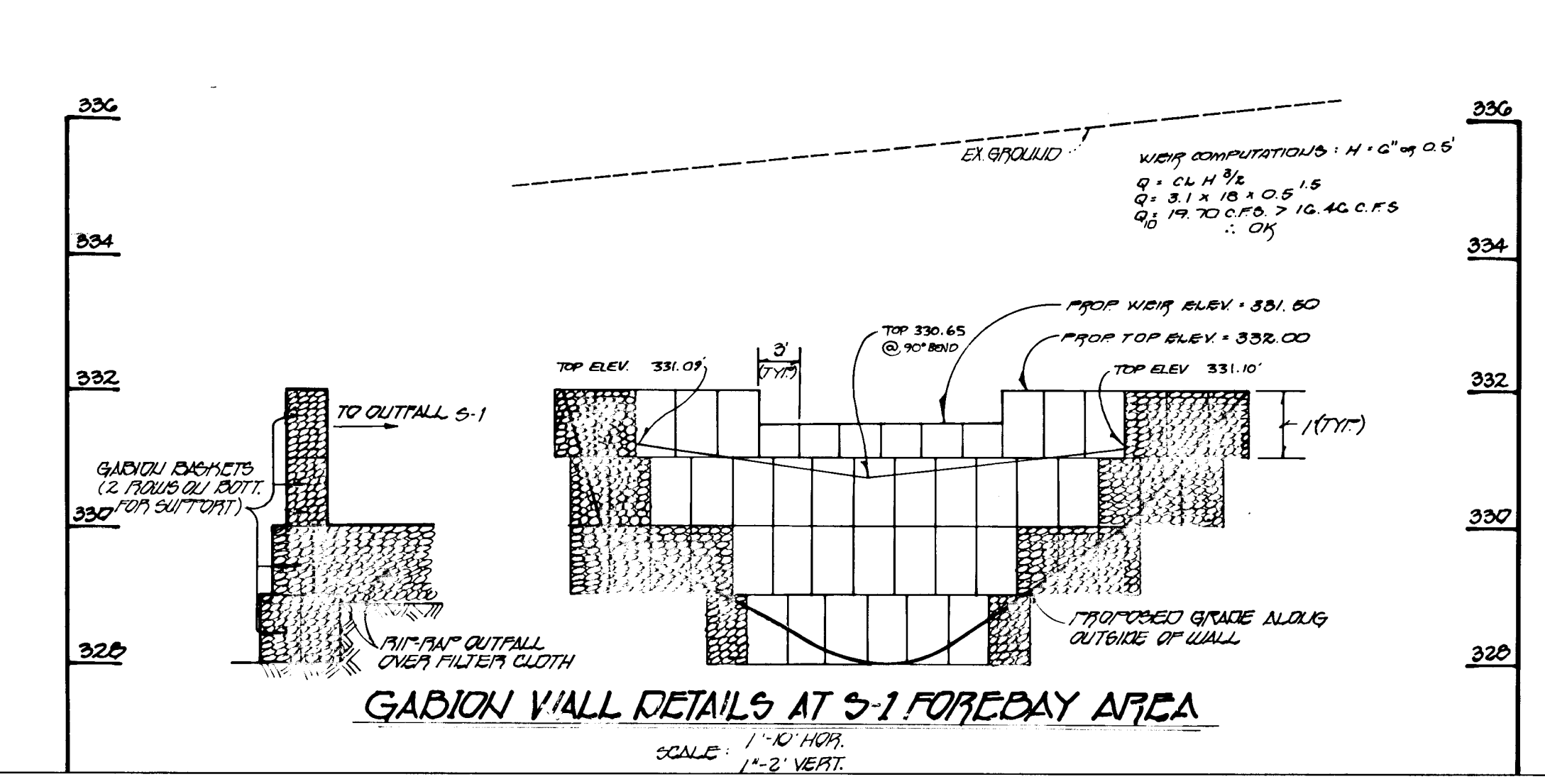
APPROVED HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 SIGNATURE: *[Signature]* DATE: 5/18/95
 CHIEF, LAND DEVELOPMENT DIVISION

APPROVED BY HIGHWAYS
 SIGNATURE: *[Signature]* DATE: 5-26-95
 CHIEF, BUREAU OF HIGHWAYS



NOTES:

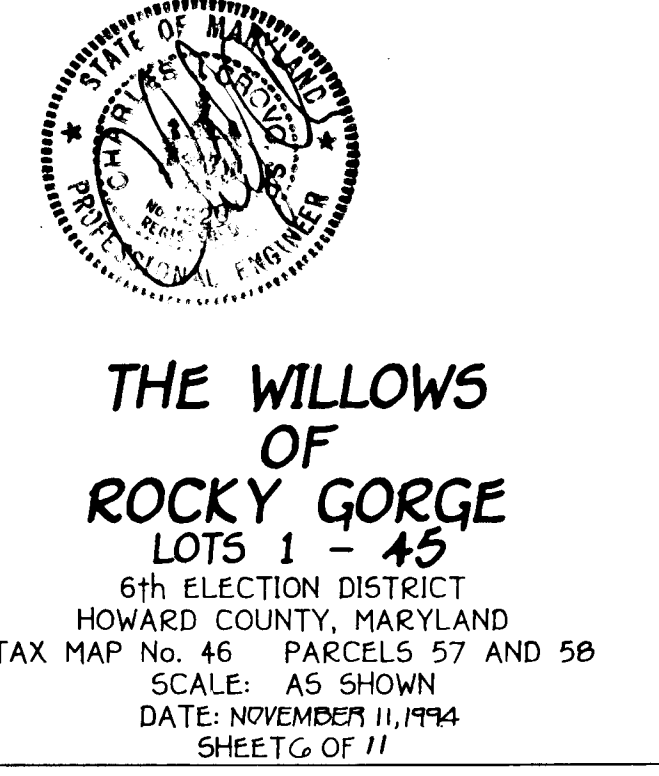
1. V_p DENOTES PARTIAL FLOW VELOCITY.
2. V_f DENOTES FULL FLOW VELOCITY.
3. H.G.L. DENOTES HYDRAULIC GRADELINE BASED ON 10 YR. STORM DRAIN BEDDING, TYPE CLASS 'C', WITH 8% SLOPE.
4. THE 75% COMPACTION WILL MEET THE MSHTO T-100 REQUIREMENTS.



STRUCTURE SCHEDULE

STRUCTURE NO.	TOP ELEVATION	INV. IN	INV. OUT	ROAD NAME	ROAD STA.	OFFSET	TYPE	REMARKS
I-1	346.75	78	---	WILLOW WISP COURT	L.P. STA 1+20.56	---	A-5	S.D. 4.40
I-2	355.49	40	351.00	WILLOW WISP COURT	C.L. STA 1+33.95	13.44'L.	A-5 W/DEFLECTORS	S.D. 4.40 & S.D. 4.83
I-3	355.19	37	351.73	WILLOW WISP COURT	C.L. STA 1+33.95	13.44'RT.	A-5 W/DEFLECTORS	S.D. 4.40 & S.D. 4.83
I-4	363.34	34	357.02	WILLOW WISP COURT	C.L. STA 1+33.95	13.44'RT.	A-5	S.D. 4.40
I-5	366.48	54	360.32	WILLOW BRANCH COURT	C.L. STA 1+33.95	13.44'L.	A-5 W/DEFLECTORS	S.D. 4.40 & S.D. 4.83
I-6	366.48	54	360.06	WILLOW BRANCH COURT	C.L. STA 1+33.95	13.44'RT.	A-5 W/DEFLECTORS	S.D. 4.40 & S.D. 4.83
I-7	365.84	94	361.65	WILLOW WISP COURT	C.L. STA 1+33.95	13.44'RT.	A-10	S.D. 4.41
I-8	366.82	59	---	WILLOW WISP COURT	C.L. STA 1+33.95	13.44'L.	A-5	S.D. 4.40 & S.D. 4.83
I-9	374.66	37	---	WILLOW WISP COURT	C.L. STA 1+27.00	13.44'RT.	A-5 W/DEFLECTORS	S.D. 4.40 & S.D. 4.83
M-1	351.88	350.45	343.25	WILLOW WISP COURT	C.L. STA 1+20.20	16.5'L.	STD. MANHOLE	G-5.12
M-2	365.08	364.90	359.67	WILLOW WISP COURT	C.L. STA 1+20.20	16.5'RT.	STD. MANHOLE	G-5.12
M-3	370.75	55	366.42	WILLOW WISP COURT	C.L. STA 1+20.20	16.5'RT.	STD. MANHOLE	G-5.12
S-1	331.50	36	330.34	WILLOW WISP COURT	C.L. STA 1+20.20	227.5'L.	STD. CONC. END SEC.	S.D. 5.51
S-2	323.57	42	321.67	WILLOW WISP COURT	C.L. STA 1+25.50	349'RT.	STD. CONC. END SEC.	S.D. 5.51
M-4	323.00	---	316.81	LOCATED @ B.W.M. POLE #1	---	---	STD. MANHOLE	G-5.12

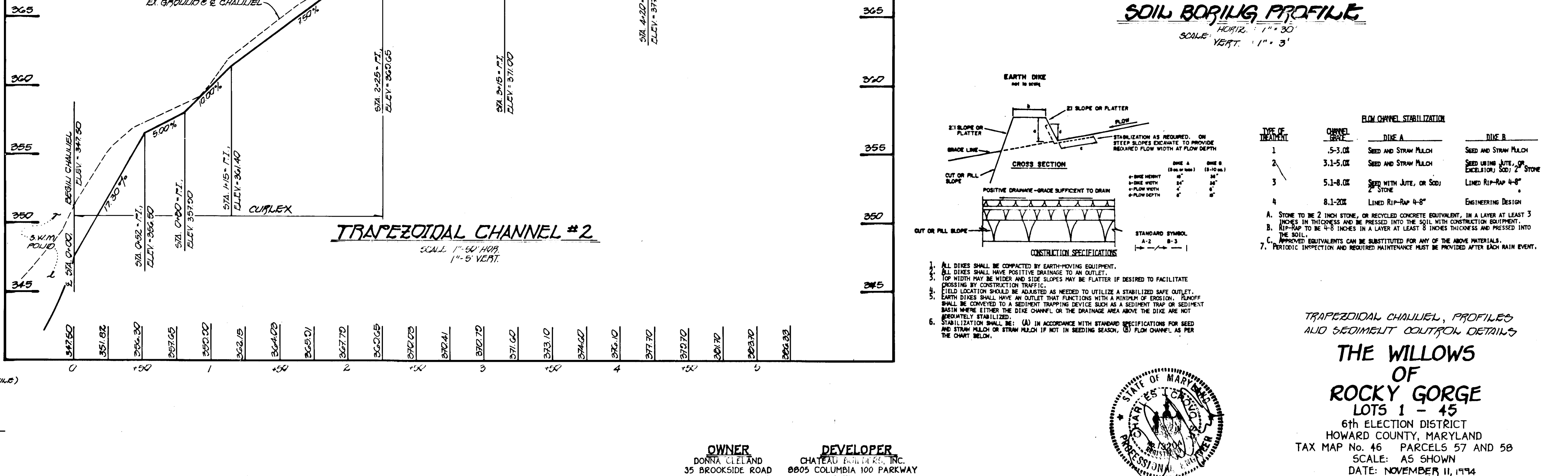
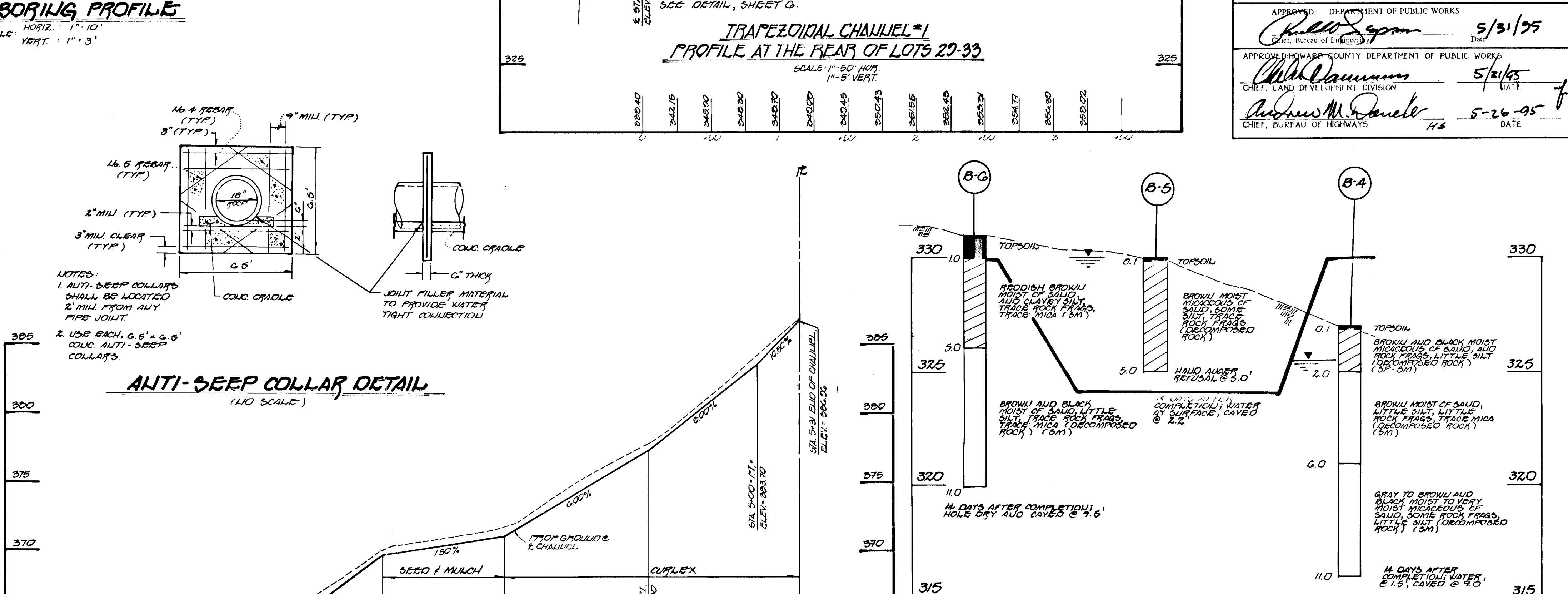
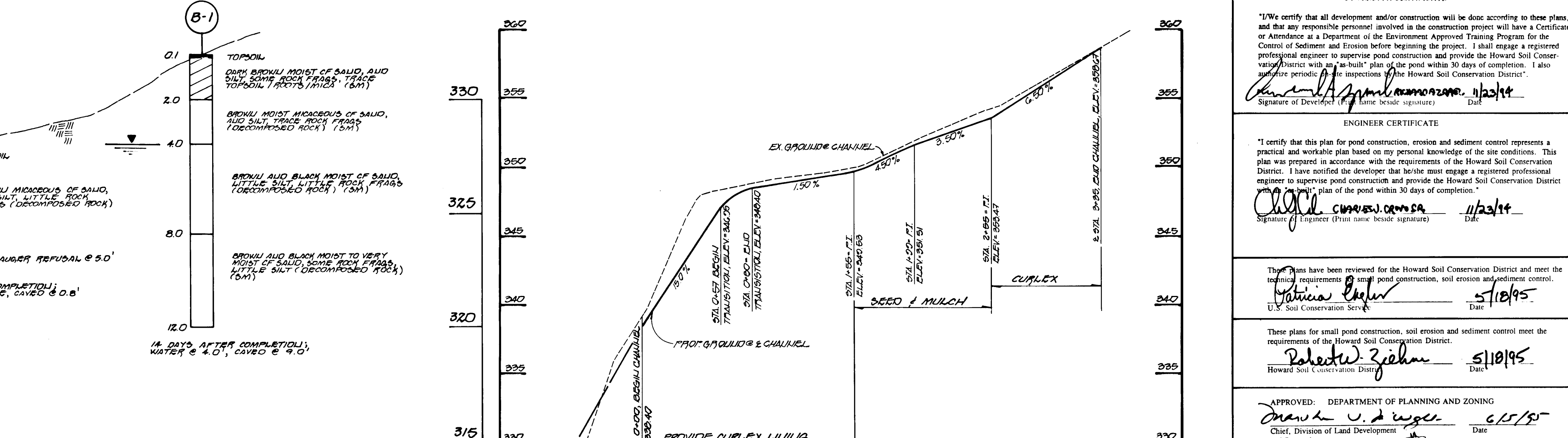
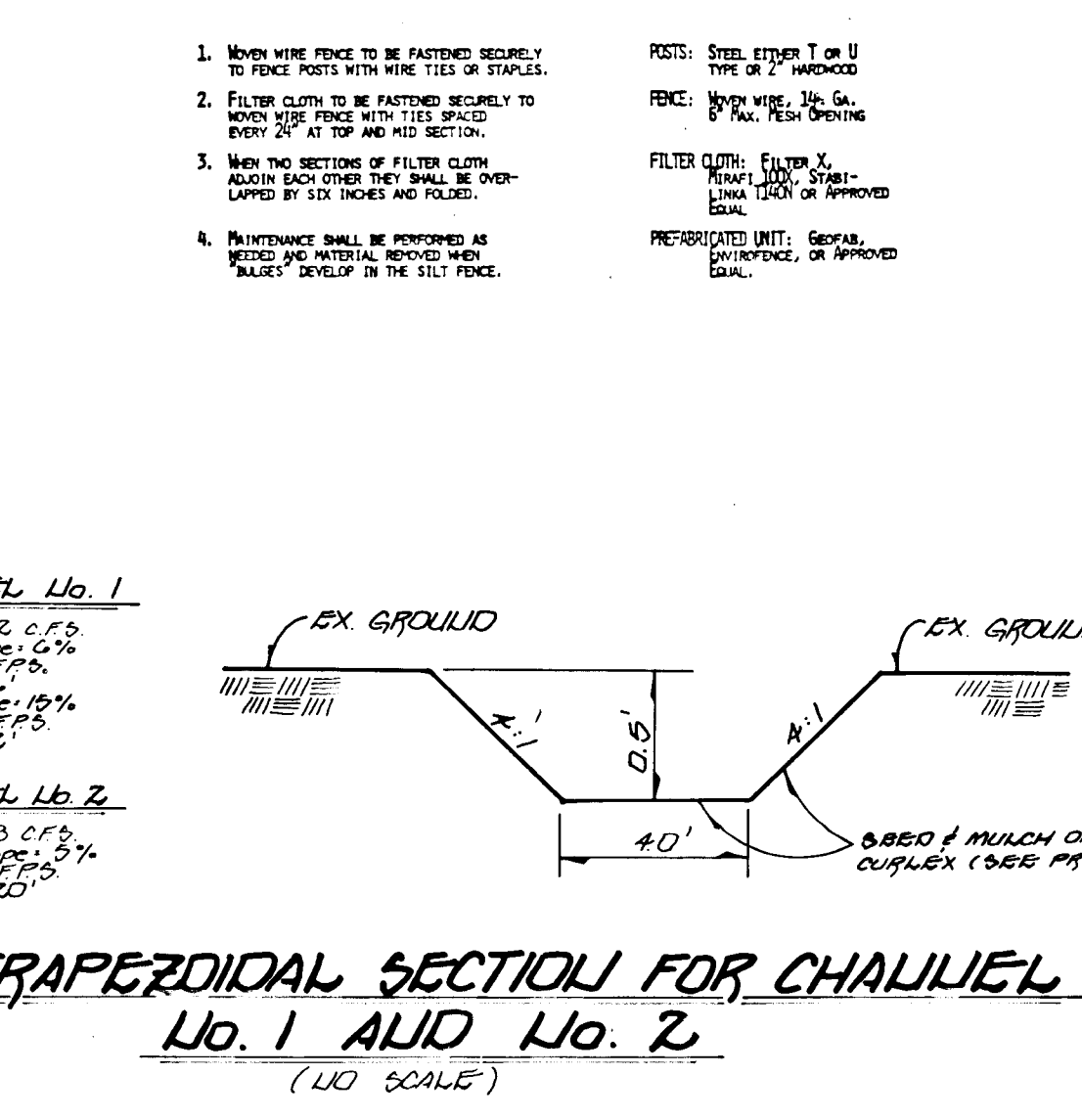
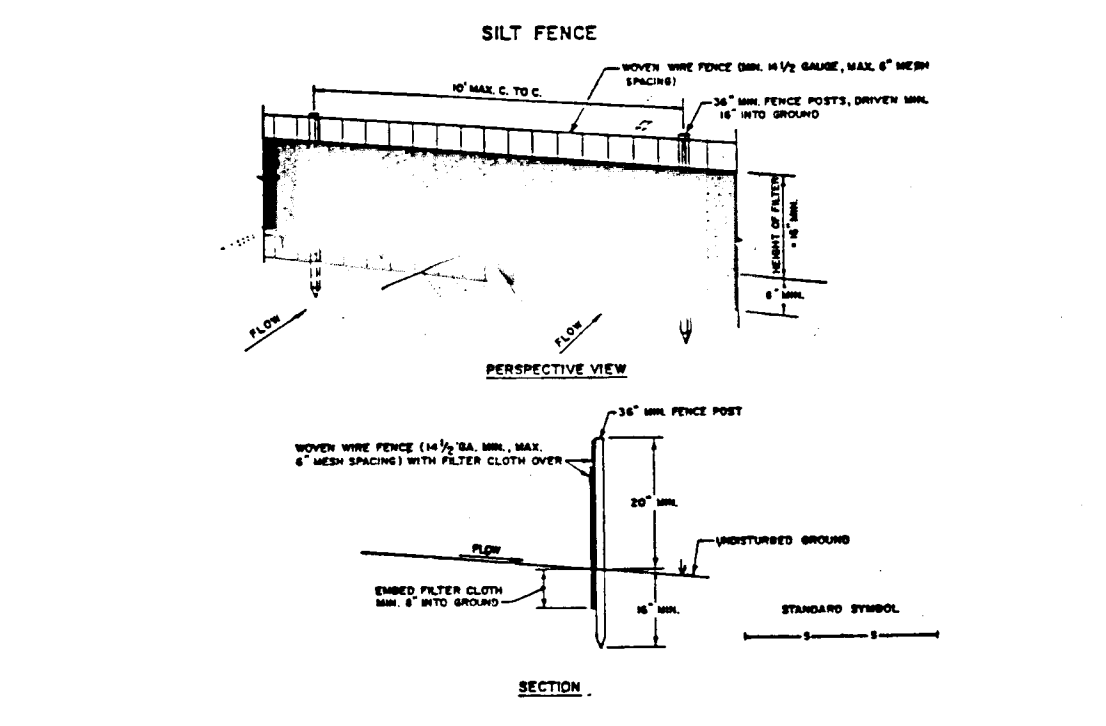
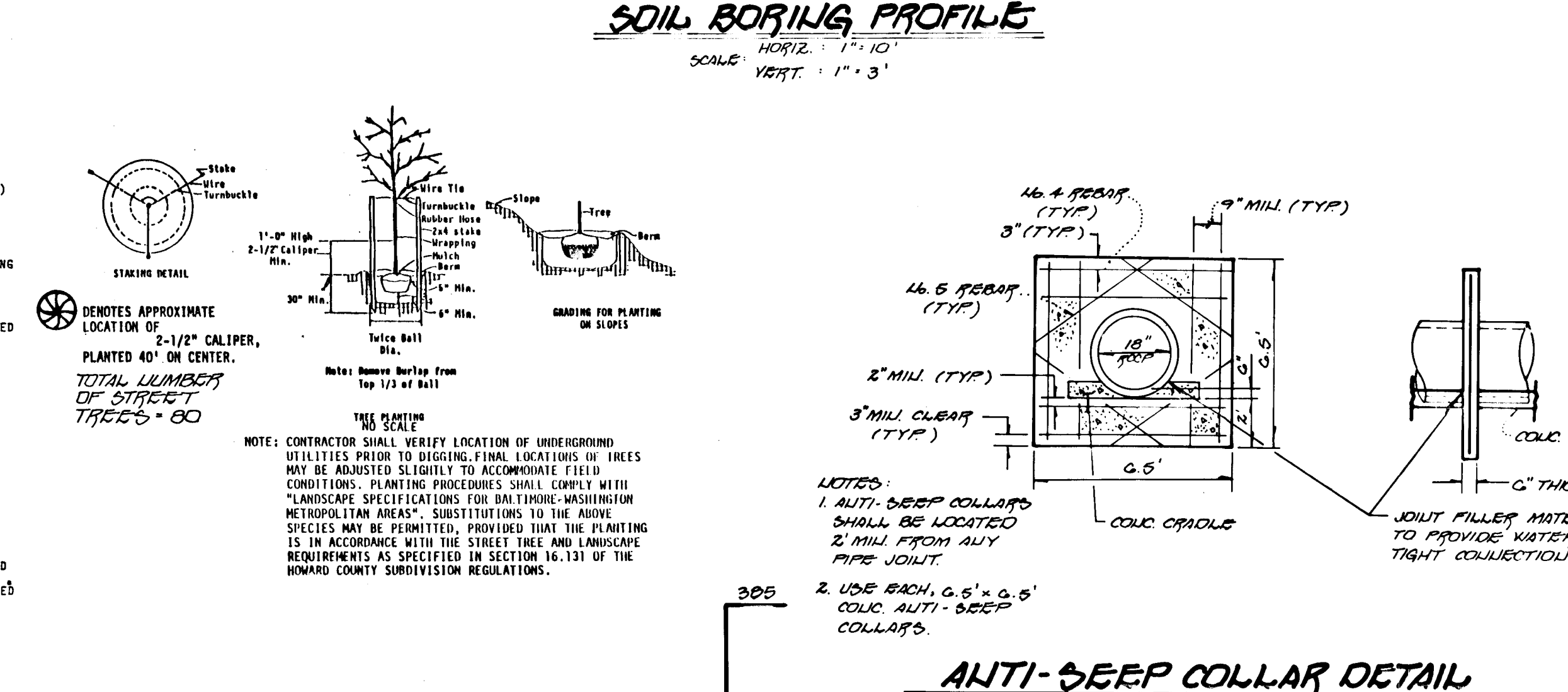
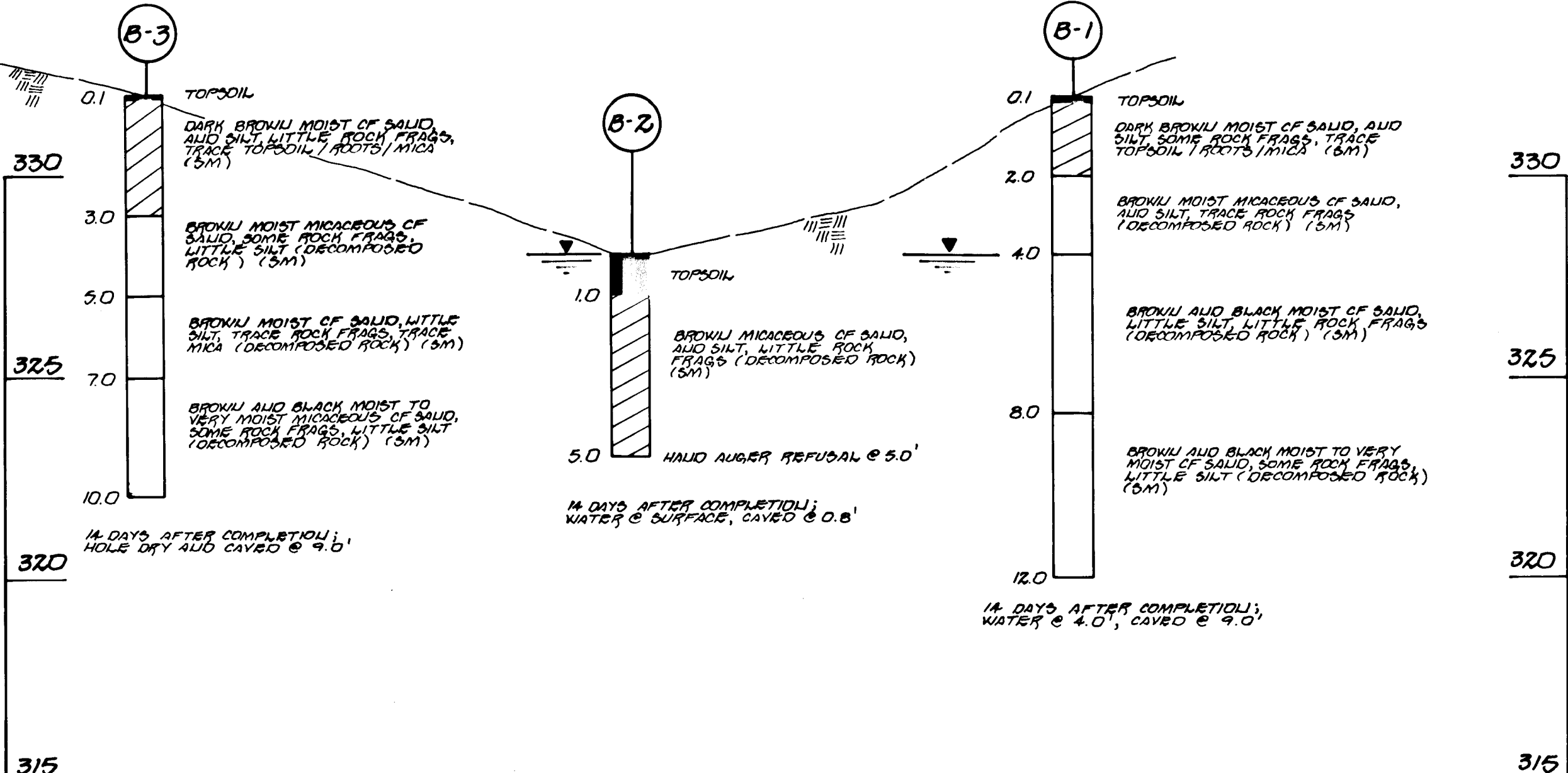
OWNER: DONITA L. ELAND, 35 BROOKSIDE ROAD, WALLINGFORD, PA. 19086
 DEVELOPER: CHATEAU ESTATE INC., 8805 COLUMBIA 100 PARKWAY, SUITE 100, COLUMBIA, MD. 21045



1737

- SEDIMENT CONTROL NOTES:**
- A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTIONS AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (S.D. 10-10)
 - 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 REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: a) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DITCHES, PERIMETER FENCES AND ALL SLOPES GREATER THAN 3:1; b) 14 DAYS FOR ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
 - ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE PERCHED 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 SEEDING (SEC. 53) SOO (SEC. 34). 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 PERMITS FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
 - SITE ANALYSIS:**
TOTAL AREA OF SITE: 22.04 ACRES
AREA TO BE ROOFED OR PAVED: 2.68 ACRES
AREA TO BE VEGETATIVELY STABILIZED: 19.36 ACRES
TOTAL CUT: 24,000 CU. YDS.
TOTAL FILL: 24,000 CU. YDS.
OFFSITE WASTE/BORROW AREA LOCATION: CO. TDS.
 - ANY SEDIMENT CONTROL WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
 - ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEMAND NECESSARY BY THE HOWARD COUNTY DPM SEDIMENT CONTROL INSPECTOR, ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES.
 - APPROVAL OF THE INSPECTOR AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTOR AGENCY IS MADE.

- PERMANENT SEEDING NOTES:**
- APPLY TO GRADED OR CLEARED AREAS SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.
- SEEDBED PREPARATION:** LOOSEN UPPER THREE-INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED, SOIL AMENDMENTS: 1. LIME OF SOIL TEST RECOMMENDATIONS. USE ONE OF THE FOLLOWING SCHEDULES:
1) PREPARED: 2 TONS PER ACRE DOLOMITIC LIMESTONE (82 LBS/1000 SQ. FT.) AND 800 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.)
BEFORE SEEDING OR DISC INTO UPPER THREE-INCHES OF SOIL. AT TIME OF SEEDING, APPLY 40 LBS. PER ACRE 10-10-10 FERTILIZER (9 LBS/1000 SQ. FT.)
2) ACCEPTABLE: APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (82 LBS/1000 SQ. FT.) AND 1000 LBS. PER ACRE 10-10-10 FERTILIZER (23 LBS/1000 SQ. FT.) BEFORE DISCING, HARROW OR DISC INTO UPPER THREE-INCHES OF SOIL.
- SEEDING:** FOR PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 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. PER ACRE (1.0 LBS/1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS. PER ACRE (.05 LBS/1000 SQ. FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, SEED WITH 40 LBS. PER ACRE (1.0 LBS/1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS. PER ACRE (.05 LBS/1000 SQ. FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS. PER ACRE (1.4 LBS/1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (.05 LBS/1000 SQ. FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF MAY 1 THRU JULY 31, SEED WITH 40 LBS. PER ACRE (1.0 LBS/1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (.05 LBS/1000 SQ. FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, SEED WITH 40 LBS. PER ACRE (1.0 LBS/1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (.05 LBS/1000 SQ. FT.) OF WEEPING LOVEGRASS.
- MULCHING:** APPLY 1 1/2 TO 2 TONS PER ACRE (10 TO 20 LBS/1000 SQ. FT.) OF UNKNOTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING, ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FT. OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ. FT.) FOR ANCHORING. MAINTENANCE: INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPLACEMENTS AND RESEEDINGS.
- TEMPORARY SEEDING NOTES:**
- APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REGISTERED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.
- SEEDBED PREPARATION:** LOOSEN UPPER THREE-INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED, SOIL AMENDMENTS: APPLY 800 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.)
- SEEDING:** FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 1 THRU NOVEMBER 30, SEED WITH 1 1/2 TONS PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ. FT.) FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEEPING LOVEGRASS (0.07 LBS/1000 SQ. FT.). FOR THE PERIOD FEBRUARY 29, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOO. OPTION (3) SEED WITH 60 LBS/ACRE KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (.05 LBS/1000 SQ. FT.) OF UNKNOTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING, ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GAL PER ACRE (5 GAL/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FT. OR HIGHER, USE 348 GAL PER ACRE (8 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.



- STABILIZED CONSTRUCTION ENTRANCE**
not to scale
- STANDARD SYMBOL**
- CONSTRUCTION SPECIFICATIONS**
- Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
 - Length - As required, but not less than 50 feet (except on a single rest-chance see where a 20 foot minimum length would apply).
 - Thickness - Not less than six (6) inches.
 - Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
 - Filter cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
 - Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance, if pipe is impractical, a mountable beam with 3:1 slope will be permitted.
 - Maintenance - The entrance shall be maintained in a condition which will prevent tracking of flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone in conditions deemed necessary. The entrance shall be maintained in a condition which will prevent tracking of sediment onto public rights-of-way. This may require periodic top dressing with additional stone in conditions deemed necessary. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
 - Warning - Warning 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.
- CHANNEL No. 1**
40' x 12' C.F.S.
Avg. Slope: 0.5%
V: 1:1 (10%)
d: 0.10'
V: 1:1 (10%)
d: 0.10'
- CHANNEL No. 2**
40' x 20' C.F.S.
Avg. Slope: 0.5%
V: 1:1 (10%)
d: 0.10'

DEVELOPER CERTIFICATE

"I certify that all development and/or construction will be done according to these plans, and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I shall engage a registered professional engineer to supervise pond construction and provide the Howard Soil Conservation District with an "as-built" plan of the pond within 30 days of completion. I also authorize periodic site inspections the Howard Soil Conservation District."

Signature of Developer: *[Signature]* Date: 11/23/94

ENGINEER CERTIFICATE

"I certify that this plan for pond construction, erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions. This plan was prepared in accordance with the requirements of the Howard Soil Conservation District. I have notified the developer that he/she must engage a registered professional engineer to supervise pond construction and provide the Howard Soil Conservation District with an "as-built" plan of the pond within 30 days of completion."

Signature of Engineer: *[Signature]* Date: 11/23/94

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.

Signature: *[Signature]* Date: 5/18/95

U.S. Soil Conservation Service

These plans for small pond construction, soil erosion and sediment control meet the requirements of the Howard Soil Conservation District.

Signature: *[Signature]* Date: 5/18/95

Howard Soil Conservation District

APPROVED: DEPARTMENT OF PLANNING AND ZONING
Signature: *[Signature]* Date: 6/15/95
Chief, Division of Land Development and Research

APPROVED: DEPARTMENT OF PUBLIC WORKS
Signature: *[Signature]* Date: 5/31/95
Chief, Bureau of Engineering

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Signature: *[Signature]* Date: 5/26/95
Chief, LAND DEVELOPMENT DIVISION
Signature: *[Signature]* Date: 5-26-95
Chief, BUREAU OF HIGHWAYS



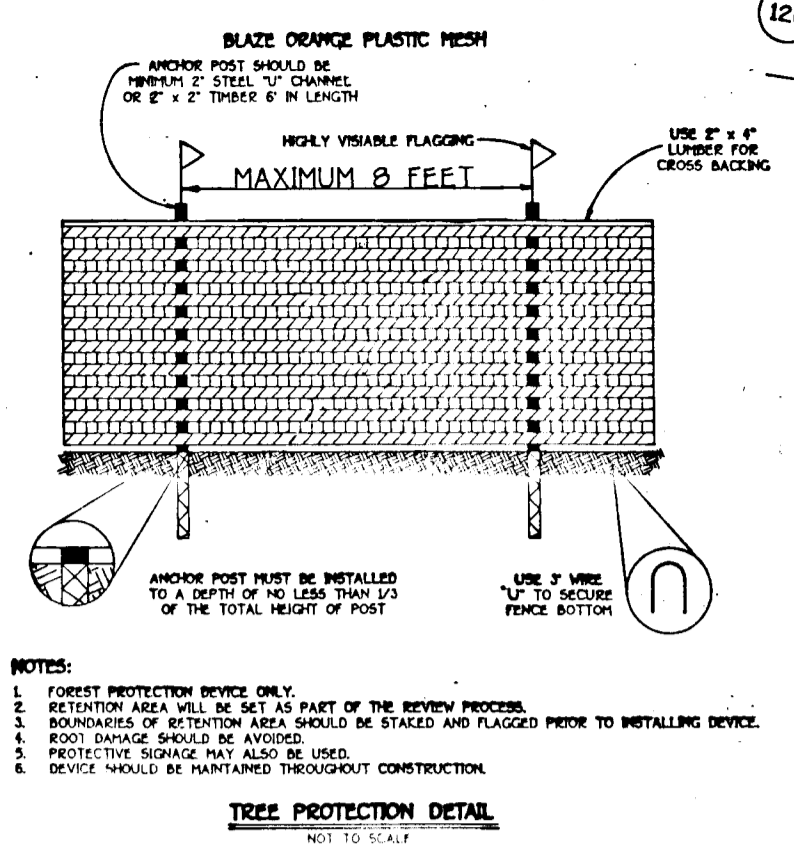
TRAPEZOIDAL CHANNEL, PROFILES AND SEDIMENT CONTROL DETAILS

THE WILLOWS OF ROCKY GORGE
LOTS 1 - 45
6th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
TAX MAP No. 46 PARCELS 57 AND 58
SCALE: AS SHOWN
DATE: NOVEMBER 11, 1994
SHEET 0 OF 11

FISHER, COLLINS & CARTER, INC.
100 CALDWELL NATIONAL PARK BLVD. SUITE 100
CALDWELL CITY, MARYLAND 20724
(410) 461-2855

OWNER: DONITA CLELAND, 35 BROOKSIDE ROAD, WALLINGFORD, PA. 19086

DEVELOPER: CHATEAU BULLOCK, INC., 8005 COLUMBIA 100 PARKWAY, SUITE 100, COLUMBIA, MD. 21045



NOTES:

- FOREST PROTECTION AREA ONLY
- EXTENSION AREA WILL BE SET AS PART OF THE REVIEW PROCESS
- PROVIDERS OF EXTENSION AREA SHALL BE STRIPPED AND PLACED PRIOR TO INSTALLING DEVICE
- FOOT DAMAGE SHALL BE AVOIDED
- PROTECTIVE SURFACE SHALL BE USED
- DEVICE SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION

TREE PROTECTION DETAIL
SEE THIS SHEET

ENGINEER CERTIFICATE

"I certify that this plan for pond construction, erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions. This plan was prepared in accordance with the requirements of the Howard Soil Conservation District. I have notified the developer that he/she must engage a registered professional engineer to supervise pond construction and provide the Howard Soil Conservation District with a 'as-built' plan of the pond within 30 days of completion."

Signature of Engineer (Print name, Academic Signature) *Charles J. Carter* Date *11/23/94*

DEVELOPER CERTIFICATE

"I/we certify that all development and/or construction will be done according to these plans and that any responsible personnel involved in the construction project will have a Certificate of Attendance as a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I shall engage a registered professional engineer to supervise pond construction and provide the Howard Soil Conservation District with a 'as-built' plan of the pond within 30 days of completion. I also authorize periodic site inspections by the Howard Soil Conservation District."

Signature of Developer (Print name, Academic Signature) *Donna C. Leland* Date *11/23/94*

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

Signature *Patricia Taylor* DATE *5/18/95*

U.S. SOIL CONSERVATION DISTRICT

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

APPROVED: *Robert J. Jihua* DATE *5/18/95*

DISTRICT HOWARD COUNTY SOIL CONSERVATION DIST.

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Signature *Donna J. ...* DATE *6/5/95*

CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH

APPROVED: DEPARTMENT OF PUBLIC WORKS

Signature *...* DATE *5/31/95*

CHIEF, BUREAU OF ENGINEERING

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Signature *...* DATE *5/21/95*

CHIEF, LAND DEVELOPMENT DIVISION

Signature *...* DATE *8-26-95*

CHIEF, BUREAU OF HIGHWAYS

PUBLIC S.W.M. POND No. 1

ITEMS	STORM FREQUENCY		
	2 YR	10 YR	100 YR
ALLOWABLE RELEASE RATE	0.50 cfs	0.00 cfs	0.00 cfs
COMPUTED INFLOW TO FACILITY	0.00 cfs	0.00 cfs	0.00 cfs
DISCHARGE FROM FACILITY	0.40 cfs	0.00 cfs	0.00 cfs
STORAGE CUEY OF POND @ DISCHARGE	325.90	328.80	329.50
STORAGE VOLUME PROVIDED	0.43 %	0.40 %	1.23 %

HAZARD CLASS 2

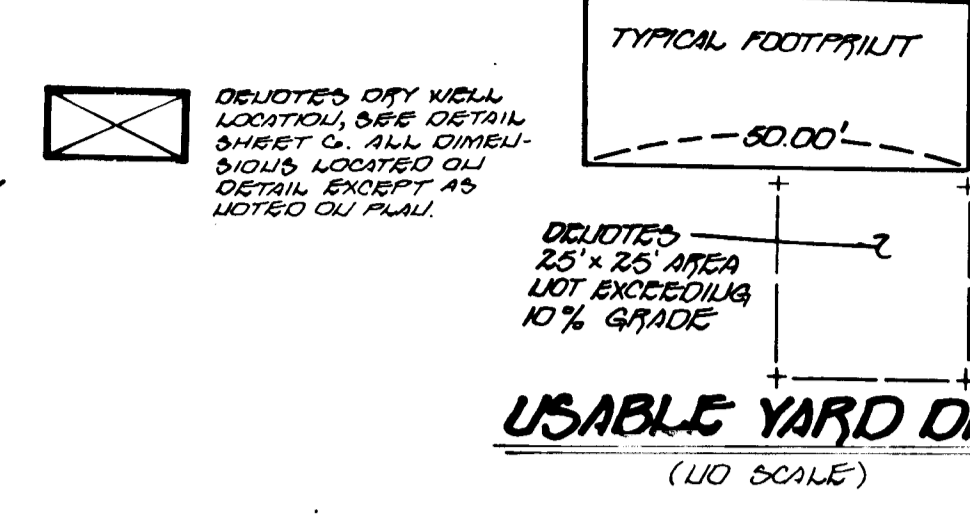
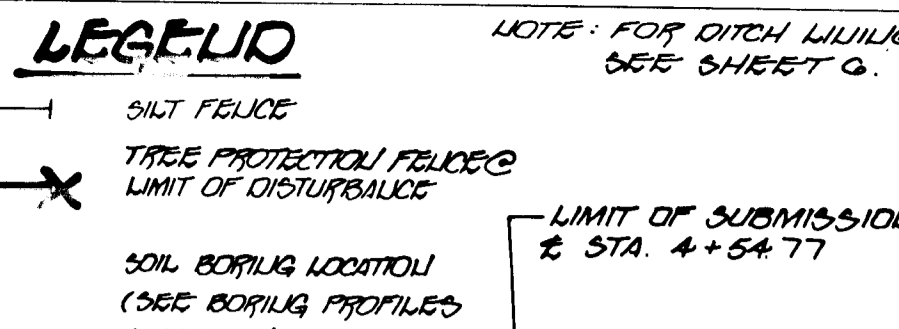
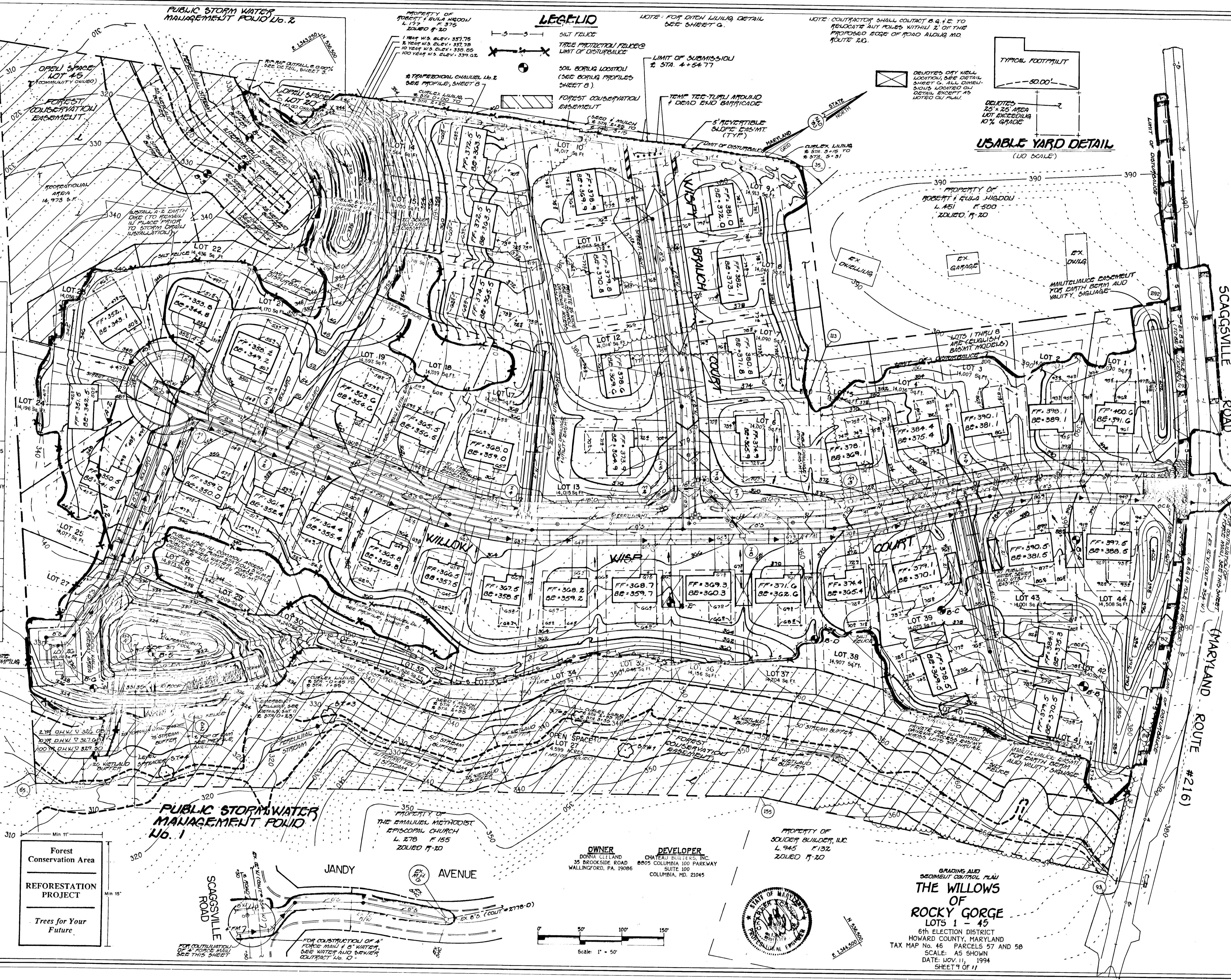
PUBLIC S.W.M. POND No. 2

ITEMS	STORM FREQUENCY		
	2 YR	10 YR	100 YR
ALLOWABLE RELEASE RATE	3.33 cfs	5.00 cfs	17.47 cfs
COMPUTED INFLOW TO FACILITY	3.43 cfs	7.50 cfs	14.72 cfs
DISCHARGE FROM FACILITY	0.10 cfs	2.25 cfs	14.72 cfs
STORAGE CUEY OF POND @ DISCHARGE	337.70	330.00	339.00
STORAGE VOLUME PROVIDED	0.1020 %	0.2018 %	0.2210 %

HAZARD CLASS 2

FISHER, COLLINS & CARTER, INC.

1070 WILSON AVENUE, SUITE 100
ELKTON CITY, MARYLAND 21822
410.668.2955



OWNER
DONNA C. LELAND
35 BROOKSIDE ROAD
WALLINGFORD, PA. 19086

DEVELOPER
CHATEAU BUILDERS, INC.
8505 COLUMBIA 100 PARKWAY
SUITE 100
COLUMBIA, MD. 21045

PROPERTY OF
SOUTHERN BUILDERS, INC.
L. 945 F.132
ZONED R-20



GRADING AND SEDIMENT CONTROL PLAN

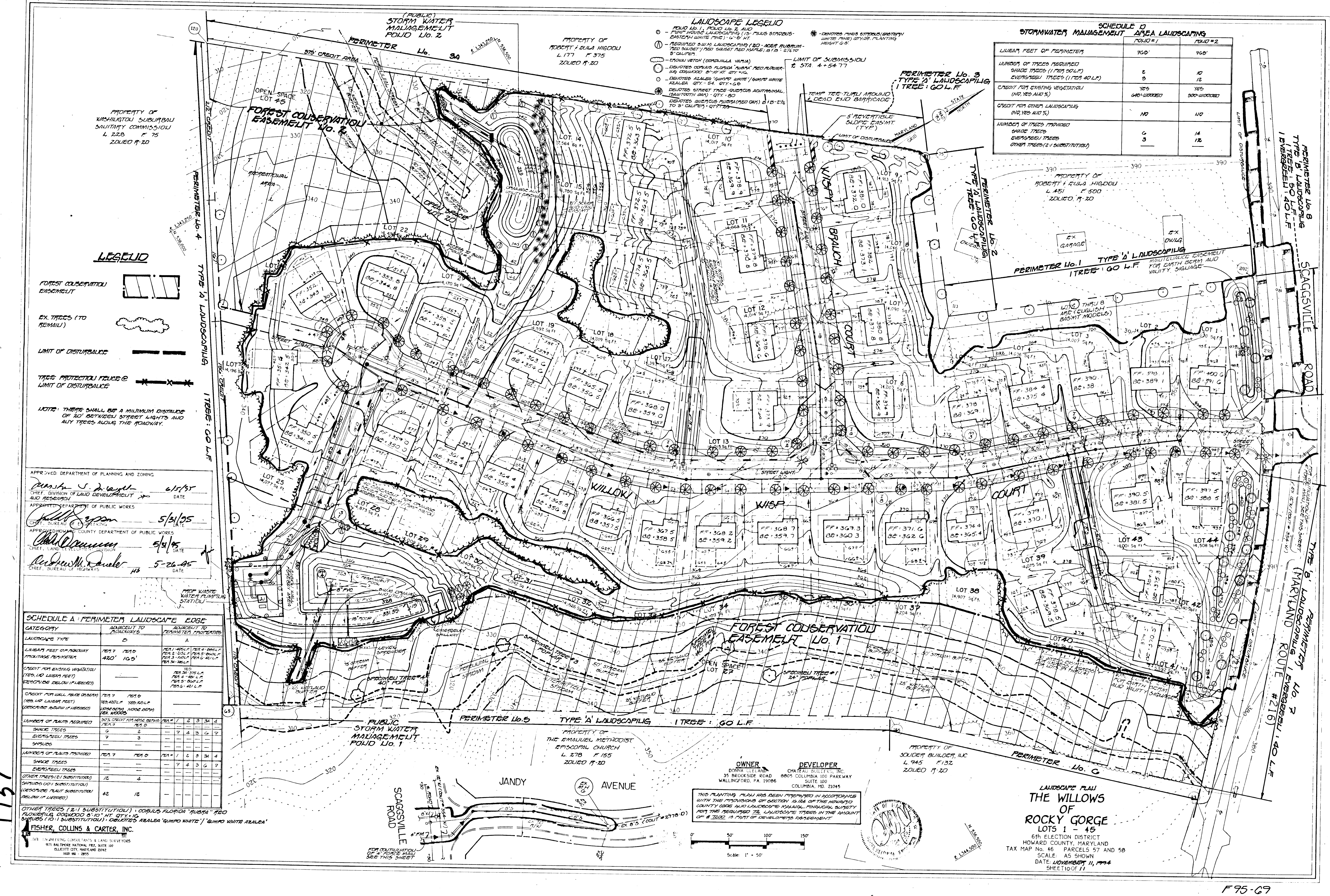
THE WILLOWS OF ROCKY GORGE

LOTS 1 - 45

6th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
TAX MAP NO. 46 PARCELS 57 AND 58
SCALE: AS SHOWN
DATE: NOV. 11, 1994
SHEET 9 OF 11

1371

1237



- LANDSCAPE LEGEND**
- REQUIRED WHITE LANDSCAPING (20' X 20' RUBUM - 1"20 SUBSET) RED BARRET RED MAPLE; 1"15 - 2"1/2"10 5" CALIPER
 - DELICATED COPULUS FLORIDA "RUBRA" RED RUBER-1"14; DOGWOOD 5"10" HT. QTY: 10
 - DELICATED ALABAMA "GUMMO WHITE" / GUMMO WHITE ALABAMA QTY: 54 QTY: 50
 - DELICATED STREET TREE QUERCUS ADUSTRIAL (SAWTOOTH OAK) - QTY: 80
 - DELICATED QUERCUS PURCH (RED OAK) 2"15-2"1/2" TO 3" CALIPER - QTY: 700
 - ★ DENOTES THIS SPECIES (BRSTARY WHITE PINE) QTY: 25 PLANTING HEIGHT 6'0"

SCHEDULE D STORMWATER MANAGEMENT AREA LANDSCAPING

LINEAR FEET OF PERIMETER	FOOD #1	FOOD #2
	NUMBER OF TREES REQUIRED	700'
SHADE TREES (1 PER 50 L.F.)	14	14
EMERGENT TREES (1 PER 40 L.F.)	17.5	17.5
CREDIT FOR EXISTING VEGETATION (NO, YES AND %)	YES 60% WOODED	YES 300% WOODED
CREDIT FOR OTHER LANDSCAPING (NO, YES AND %)	NO	NO
NUMBER OF TREES PROVIDED	6	14
SHADE TREES	3	12
EMERGENT TREES		
OTHER TREES (2:1 SUBSTITUTION)		

LEGEND

- FOREST CONSERVATION EASEMENT
 - EX. TREES (TO REMAIN)
 - LIMIT OF DISTURBANCE
 - TREE PROTECTION FENCE & LIMIT OF DISTURBANCE
- NOTE: THERE SHALL BE A MINIMUM DISTANCE OF 20' BETWEEN STREET LIGHTS AND ANY TREES ALONG THE ROADWAY.

APPROVED: DEPARTMENT OF PLANNING AND ZONING
 6/15/95
 CHIEF, DIVISION OF LAND DEVELOPMENT

APPROVED: DEPARTMENT OF PUBLIC WORKS
 5/31/95
 CHIEF, BUREAU OF ENGINEERING

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 5/31/95
 CHIEF, LAND DEVELOPMENT DIVISION

APPROVED: DEPARTMENT OF TRANSPORTATION
 5-26-95
 CHIEF, BUREAU OF HIGHWAYS

SCHEDULE A PERIMETER LANDSCAPE EDGE

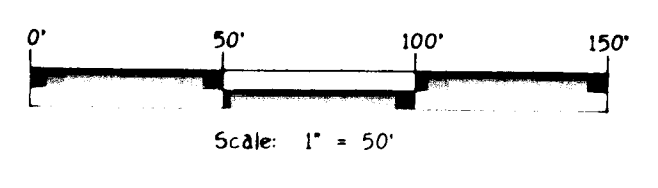
CATEGORY	ADJACENT TO PERIMETER		ADJACENT TO PERIMETER PROTECTIVES			
	FEET 7	FEET 10	FEET 10-15	FEET 15-20	FEET 20-25	FEET 25-30
LANDSCAPE TYPE	D	A				
LINEAR FEET OF ROADWAY FRONTAGE PERIMETER	700'	700'	100'	100'	100'	100'
CREDIT FOR EXISTING VEGETATION (YES, NO LINEAR FEET) (RECORDS BELOW IF APPLICABLE)	YES 30% WOODED	YES 30% WOODED	YES 30% WOODED	YES 30% WOODED	YES 30% WOODED	YES 30% WOODED
CREDIT FOR WALL FACE OR GROUND (YES, NO LINEAR FEET) (RECORDS BELOW IF APPLICABLE)	YES 30% WOODED	YES 30% WOODED	YES 30% WOODED	YES 30% WOODED	YES 30% WOODED	YES 30% WOODED
NUMBER OF TREES REQUIRED	700'	700'	700'	700'	700'	700'
SHADE TREES	14	14	14	14	14	14
EMERGENT TREES	17.5	17.5	17.5	17.5	17.5	17.5
OTHER TREES (2:1 SUBSTITUTION)	17.5	17.5	17.5	17.5	17.5	17.5
SHADE TREES (2:1 SUBSTITUTION)	14	14	14	14	14	14
EMERGENT TREES (2:1 SUBSTITUTION)	17.5	17.5	17.5	17.5	17.5	17.5
OTHER TREES (2:1 SUBSTITUTION)	17.5	17.5	17.5	17.5	17.5	17.5

OTHER TREES (2:1 SUBSTITUTION): COPULUS FLORIDA "RUBRA" 1"10 FLORIDIANA, DOGWOOD 5"10" HT. QTY: 10
 SHADERS (10:1 SUBSTITUTION): DELICATED ALABAMA "GUMMO WHITE" / GUMMO WHITE ALABAMA
 FISHER, COLLINS & CARTER, INC.
 1715 ANNE ARUNDEL CONSULTANTS & LAND SURVEYORS
 9171 BALTIMORE NATIONAL PIKE, SUITE 100
 ELICOTT CITY, MARYLAND 21042
 410.468.3955

OWNER: DONNA CLELAND, 35 BROOKSIDE ROAD, WALLINGFORD, PA. 19086
 DEVELOPER: CHATEAU BUILTERS, INC., 8805 COLUMBIA 100 PARKWAY, SUITE 100, COLUMBIA, MD. 21045

PROPERTY OF SOLDER BUILDER, INC. L. 945 F. 132 ZONED R-20

LANDSCAPE PLAN THE WILLOWS OF ROCKY GORGE
 LOTS 1 - 45
 6TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 TAX MAP No. 46 PARCELS 57 AND 58
 SCALE AS SHOWN
 DATE: NOVEMBER 11, 1994
 SHEET 10 OF 11



DEVELOPER CERTIFICATE

"I/we certify that all development and/or construction will be done according to these plans, and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I shall engage a registered professional engineer to supervise pond construction and provide the Howard Soil Conservation District with a "built" plan of the pond within 30 days of completion. I also authorize periodic on-site inspections by the Howard Soil Conservation District."

Signature of Developer (Print name beside signature) **11/23/94**
Date

ENGINEER CERTIFICATE

"I certify that this plan for pond construction, erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions. This plan was prepared in accordance with the requirements of the Howard Soil Conservation District. I have notified the developer that he/she must engage a registered professional engineer to supervise pond construction and provide the Howard Soil Conservation District with a "built" plan of the pond within 30 days of completion."

Signature of Engineer (Print name beside signature) **11/23/94**
Date

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.

Signature of U.S. Soil Conservation Service **5/18/95**
Date

These plans for small pond construction, soil erosion and sediment control meet the requirements of the Howard Soil Conservation District.

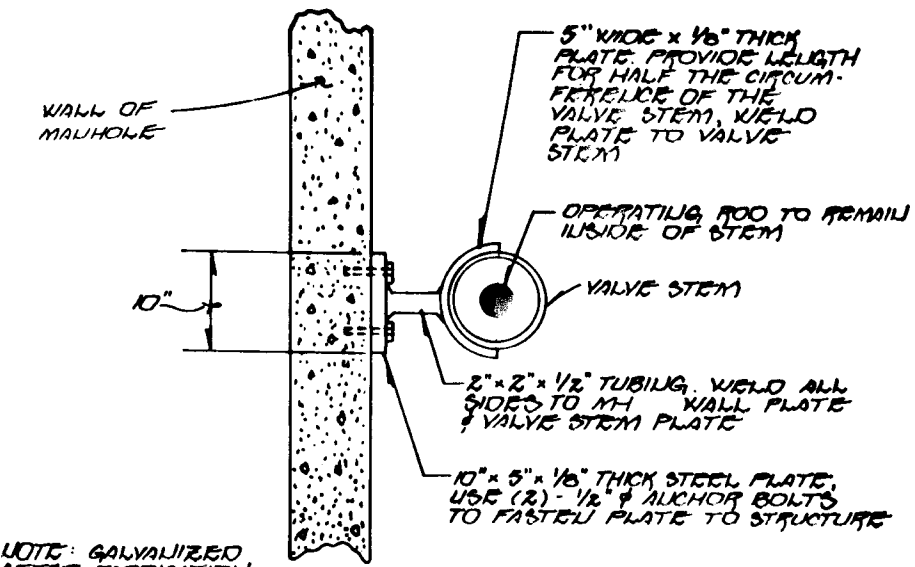
Signature of Department of Planning and Zoning **5/10/95**
Date

APPROVED: DEPARTMENT OF PLANNING AND ZONING
Signature of Chief, Division of Land Development and Research **5/15/95**
Date

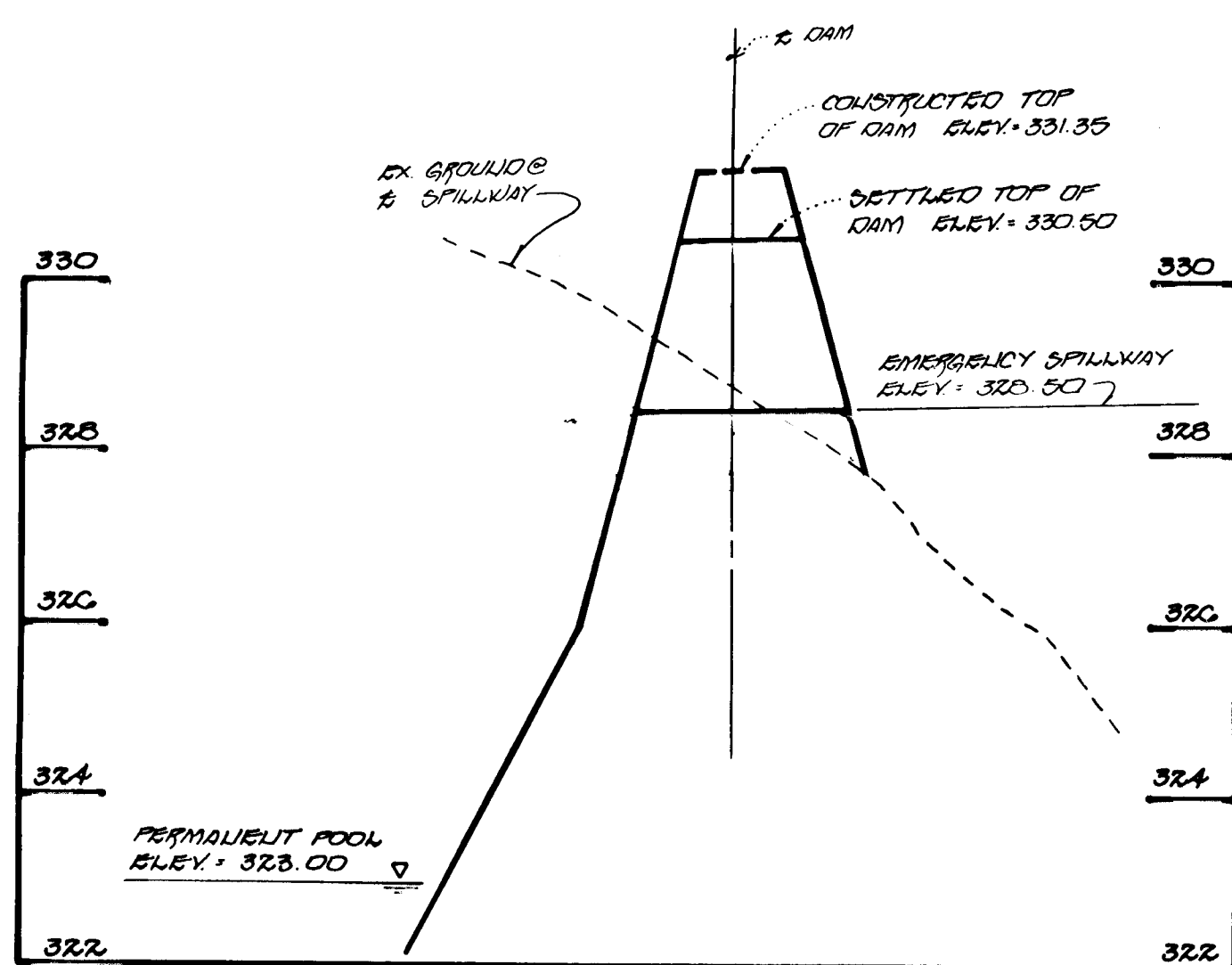
APPROVED: DEPARTMENT OF PUBLIC WORKS
Signature of Chief, Division of Engineering **5/31/95**
Date

APPROVED: DEPARTMENT OF PUBLIC WORKS
Signature of Chief, Bureau of Highways **5-26-95**
Date

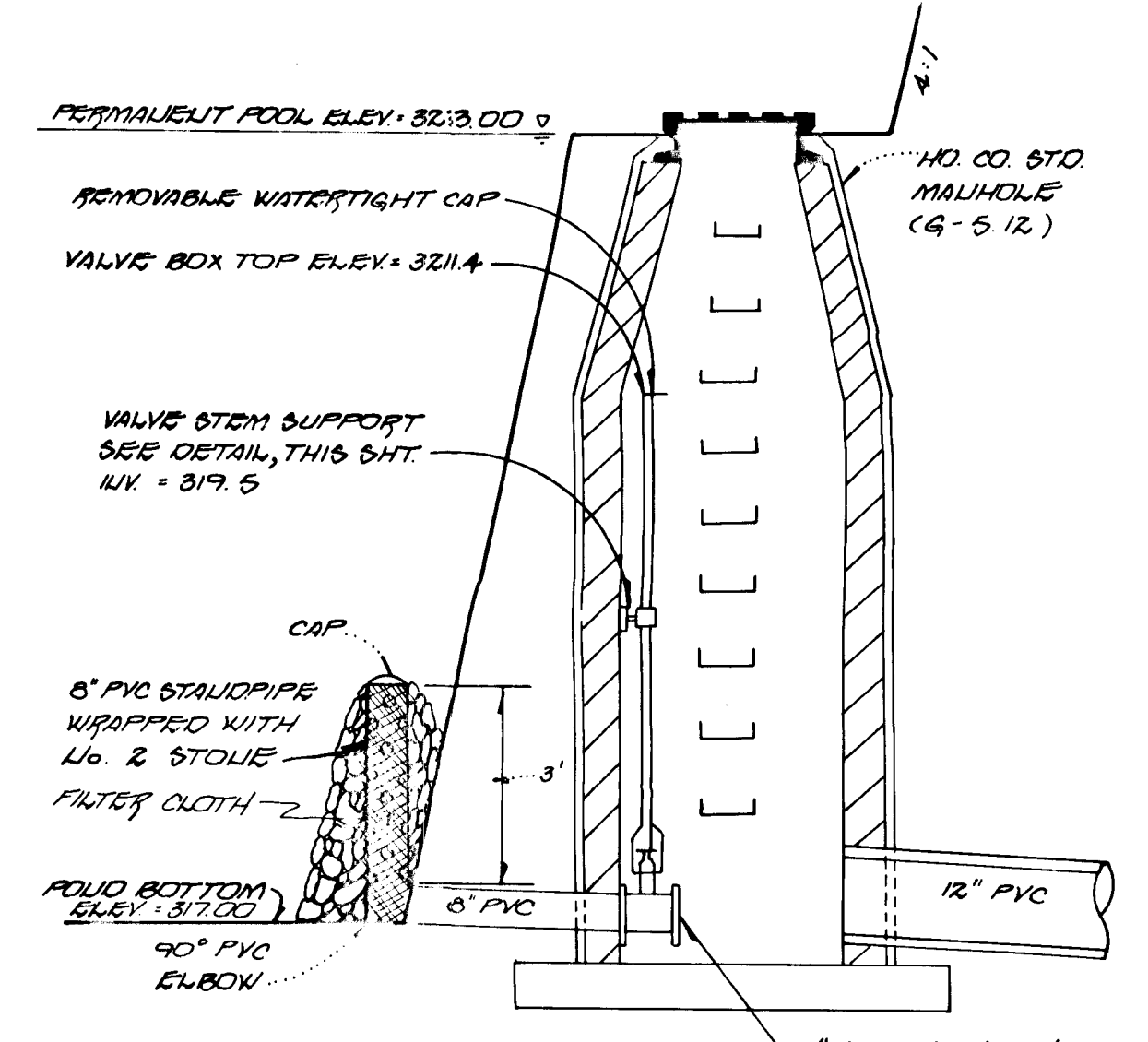
APPROVED: DEPARTMENT OF PUBLIC WORKS
Signature of Chief, Division of Land Development **5/31/95**
Date



VALVE STEM SUPPORT DETAIL
(1/4" SCALE)

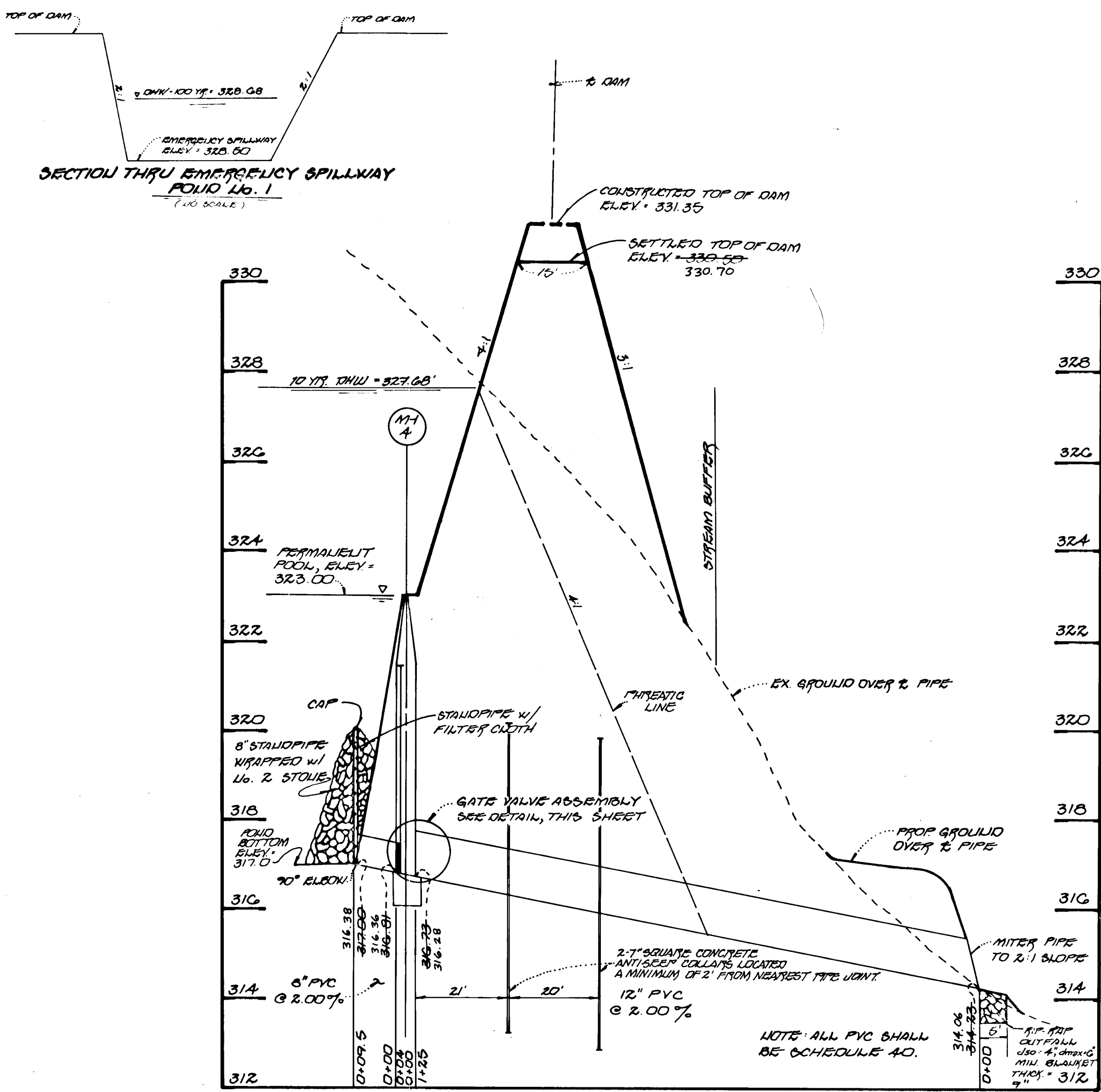


PROFILE ALONG EMERGENCY SPILLWAY POND No. 1
HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 2'

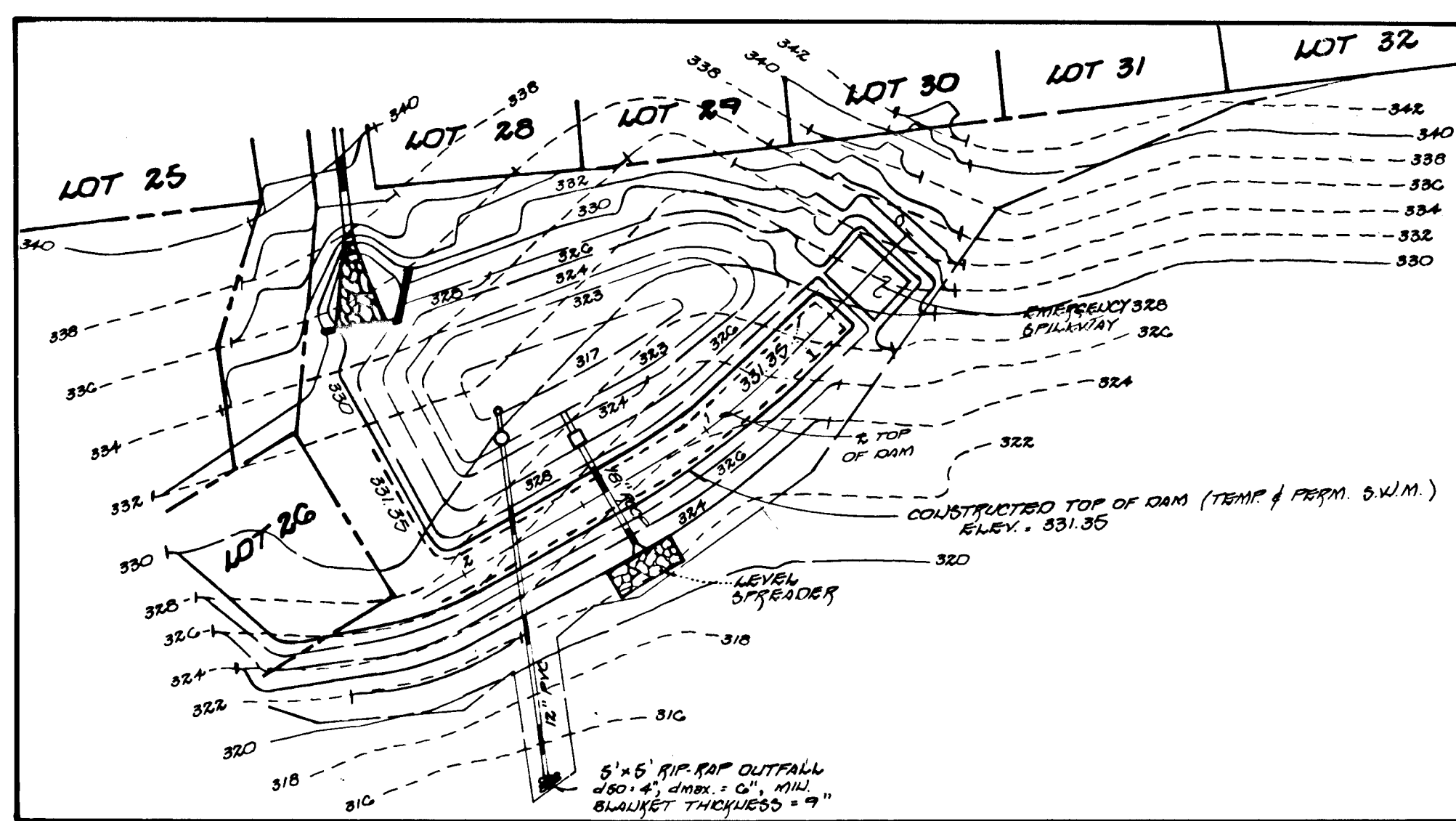


MALIHOLE No. 4 w/ GATE VALVE ASSEMBLY
(1/4" SCALE)

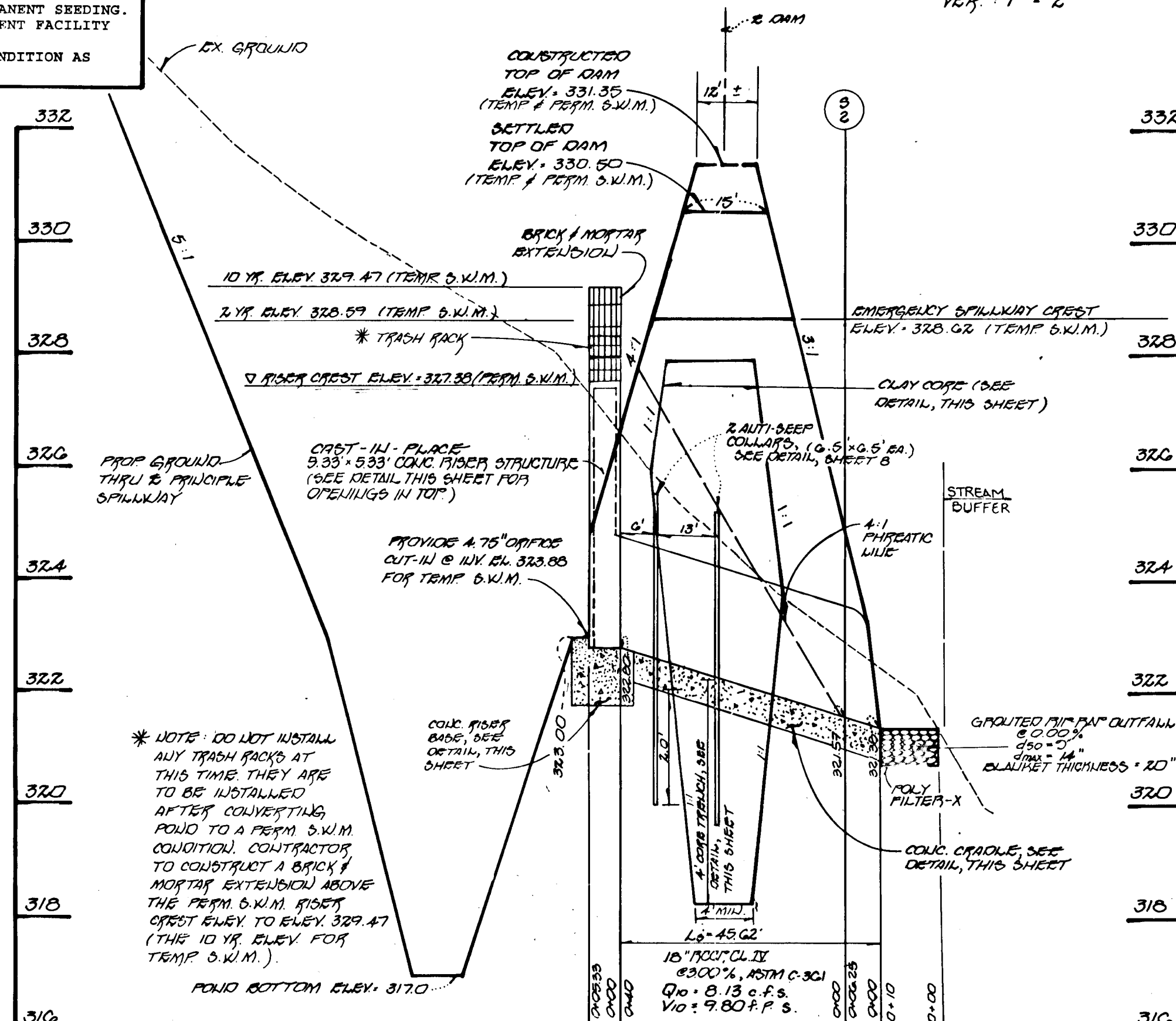
- SEQUENCE OF CONSTRUCTION**
- OBTAIN GRADING PERMIT.
 - NOTIFY MISS UTILITY 48 HOURS BEFORE BEGINNING ANY WORK AT 1-800-257-7777. NOTIFY HOWARD COUNTY OFFICE OF CONSTRUCTION/INSPECTION DIVISION (410) 313-1870, 24 HOURS BEFORE STARTING ANY WORK.
 - INSTALL SEDIMENT CONTROL MEASURES, STONE CONSTRUCTION ENTRANCE AND SILT FENCE. CONTRACTOR TO BUILD STORMWATER MANAGEMENT POND NO. 2 AS SHOWN ON SHEET 7 IN PROFILE AND ON SHEET 9 IN PLAN VIEW. CONTRACTOR TO BUILD POND NO. 1 AS SHOWN ON SHEET 11 FOR PLAN AND ON SHEETS 7 AND 11 FOR PROFILE VIEWS. CONTRACTOR IS ALSO TO INSTALL SWALES/CHANNELS FOR DRAINAGE TO THE PONDS AT THIS TIME. SEE PROFILES SHEET 8 AND PLAN VIEWS, SHEET 9. STABILIZE SWALES/CHANNELS WITH TEMPORARY SEEDING. (2 1/2 WEEKS) *
 - GRADE SITE TO SUBGRADE, STABILIZE AND INSTALL STORM DRAINS. (3 WEEKS) *
 - THE CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE ON ALL SEDIMENT AND EROSION CONTROL STRUCTURES SHOWN HEREON AFTER EACH RAINFALL AND ON A DAILY BASIS.
 - SEDIMENT SHALL BE REMOVED FROM STORMWATER MANAGEMENT PONDS NO. 1 AND 2 ONCE THE CLEAROUT ELEVATION HAS BEEN REACHED. SEDIMENT MUST BE PLACED UPHILL FROM THESE PONDS.
 - INSTALL ROAD BASE COURSE. (2 DAYS)
 - UPON APPROVAL OF THE SEDIMENT CONTROL INSPECTOR REMOVE ALL SEDIMENT CONTROL MEASURES NOT NEEDED AND, FLUSH STORM DRAIN SYSTEM TO REMOVE TRAPPED SEDIMENT. (2 DAYS)
 - ALL AREAS DISTURBED DUE TO THE REMOVAL OF SEDIMENT CONTROL MEASURES SHALL BE GRADED AND STABILIZED BY PERMANENT SEEDING. CONVERT TEMPORARY S.W.M. POND NO. 1 TO A PERMANENT FACILITY AS PER PROFILE ON SHEET 7.
 - CONVERT SEDIMENT POND NO. 2 TO ITS PERMANENT CONDITION AS PER PROFILE ON SHEET 7.
- * THIS CONTRACTOR SHALL INSTALL THE THESE PROTECTION FENCE AND POSTER CONSERVATION BARRIERS AS SHOWN ON SHEET 9.



DRAIN PIPE FOR POND No. 1
HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 2'



TEMPORARY S.W.M. PLAN VIEW
SCALE: 1" = 50'



TEMP. S.W.M. PROFILE THRU PRINCIPAL SPILLWAY (POND No. 1)
HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 2'

DRAIN PIPE PROFILE, STORM WATER MANAGEMENT PROFILES AND RETAINING THE WILLOWS OF ROCKY GORGE
LOTS 1 - 45
6th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
TAX MAP No. 46 PARCELS 57 AND 58
SCALE: AS SHOWN
DATE: NOVEMBER 11, 1994
SHEET 11 OF 11



MEYER, COLLINS & CARTER, INC.
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