

VICINITY MAP

SCALE: 1" = 2000'

DEVELOPER'S CERTIFICATE
I certify that all development and/or construction will be done according to this plan of development and plan for erosion and sediment control, and I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary, deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.

Signature: Donald E. Lander Date: 2/29/80

ENGINEER'S CERTIFICATE
I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

Signature: W. Kent Date: 3/5/80

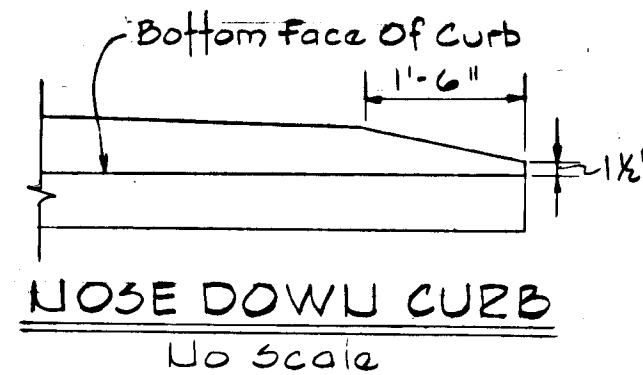
Reviewed for Howard County Soil Conservation District and meets technical requirements.

Signature: James P. Hahn Date: 3-28-80

This development plan is approved for soil erosion and sediment control by the Howard Soil Conservation District.

Approved: Robert Ziehm Date: 7-28-80
Howard Soil Conservation District

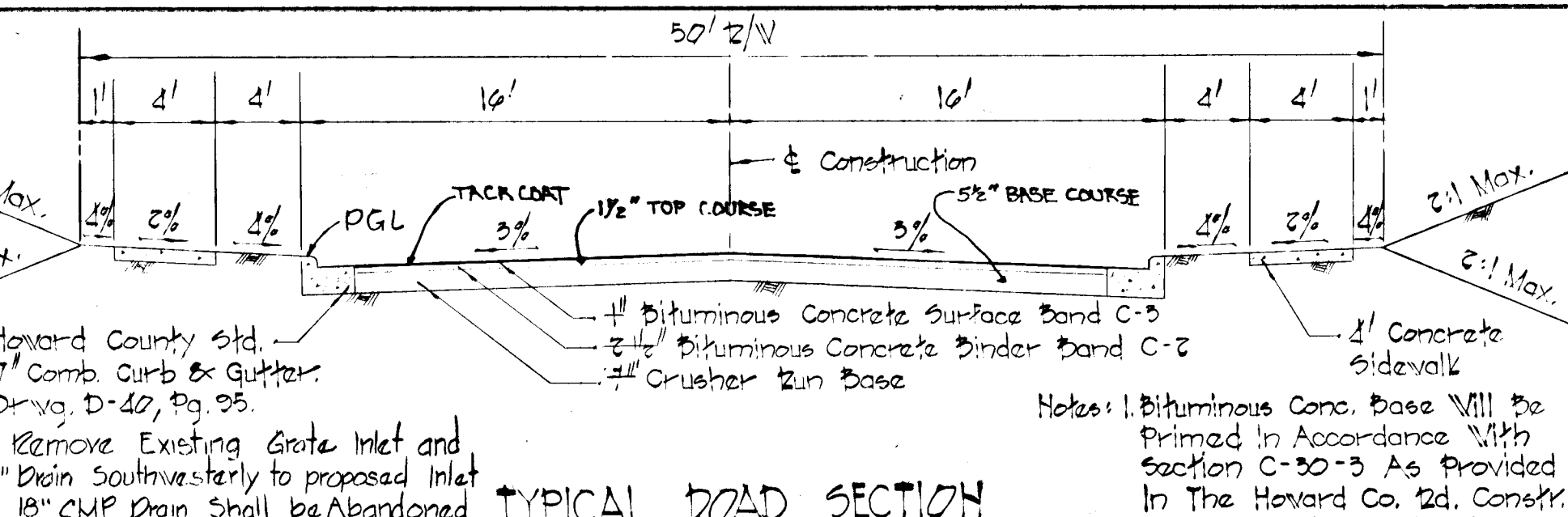
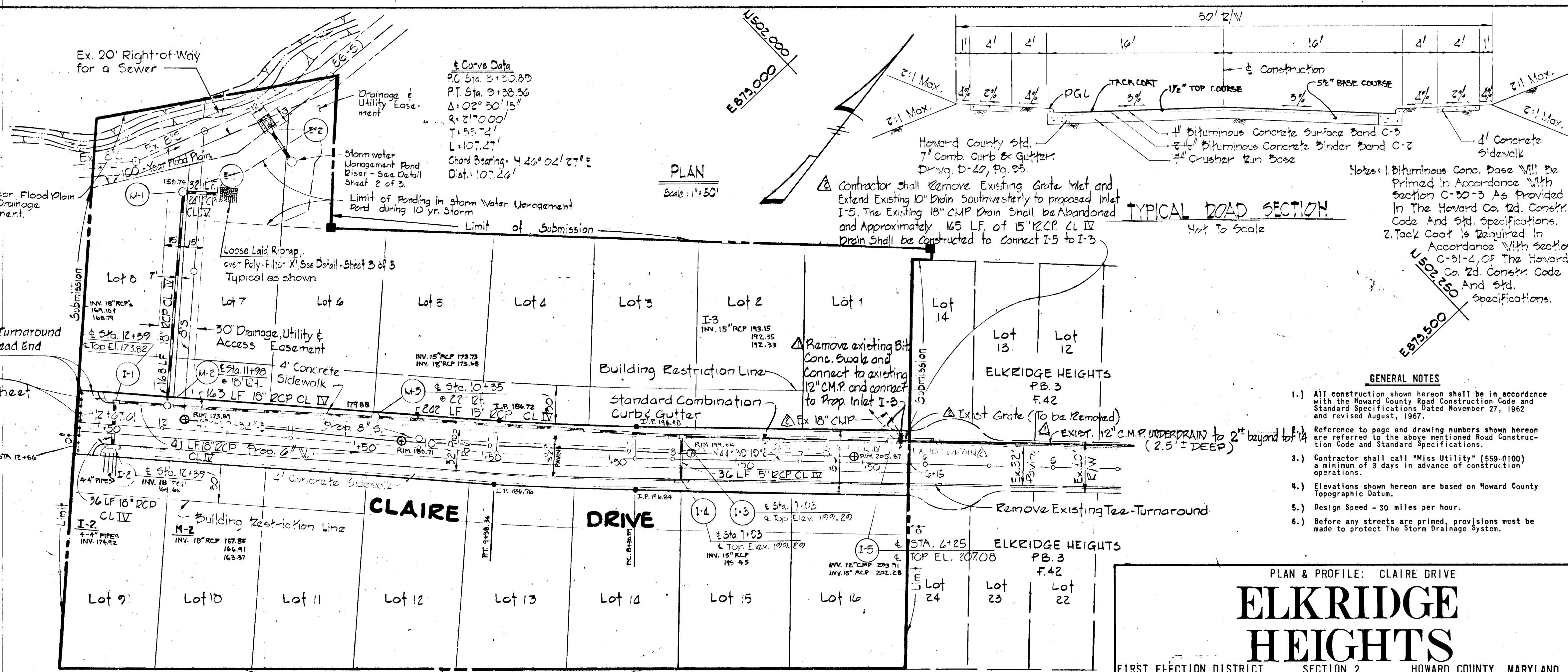
BENCH MARKS
BENCH MARK BM-5J-1 ELEV. 175.27
Road side Bonnet Bolt fire hydrant SW corner intersection Washington Blvd. and Bonnie View Lane.
BENCH MARK BM-15 ELEV. 154.58
3 nails in G & E #110 195 South side Washington Blvd.
31.6 feet SE Traverse Sta. P-2



NOSE DOWN CURB
No Scale

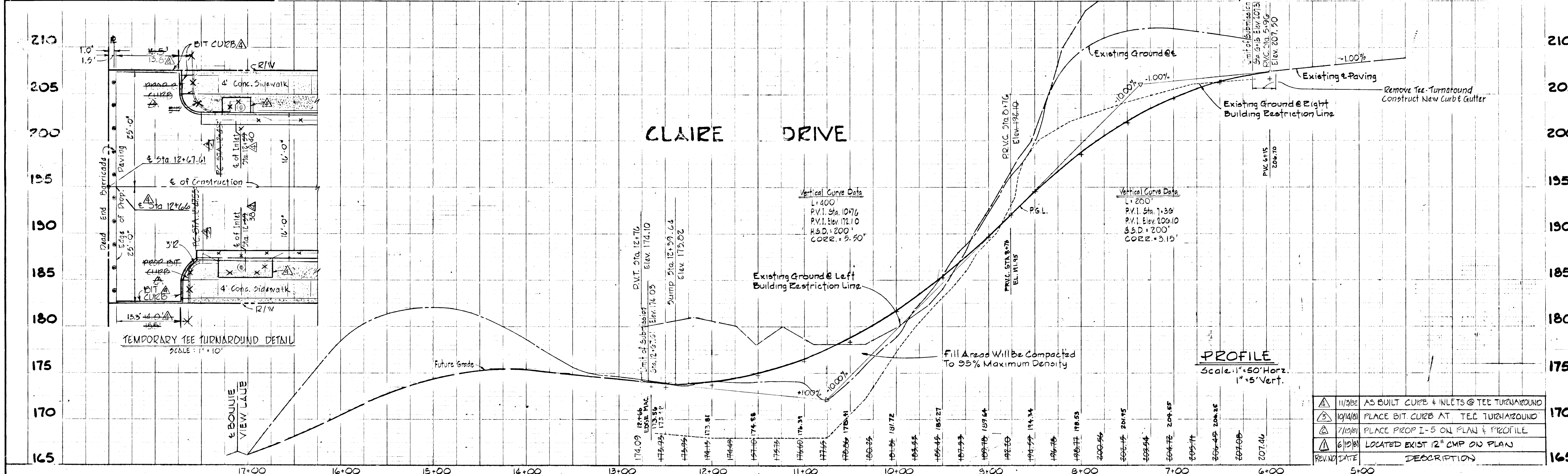
Construct Temporary Tee Turnaround See Detail This Sheet. Construct Dead End Barricade Div. D-109, P. 164.
Curb To Be Waxed Down According To Detail This Sheet

US\$2,150
US\$2,250



- GENERAL NOTES**
- 1.) All construction shown hereon shall be in accordance with the Howard County Road Construction Code and Standard Specifications, dated November 27, 1982 and revised August, 1987.
 - 2.) Reference to page and drawing numbers shown hereon are referred to the above mentioned Road Construction Code and Standard Specifications.
 - 3.) Contractor shall call "Miss Utility" (559-0100) a minimum of 3 days in advance of construction operations.
 - 4.) Elevations shown hereon are based on Howard County Topographic Datum.
 - 5.) Design Speed - 30 miles per hour.
 - 6.) Before any streets are primed, provisions must be made to protect the Storm Drainage System.

PLAN & PROFILE: CLAIRE DRIVE
ELKRIDGE HEIGHTS
FIRST ELECTION DISTRICT SECTION 2 HOWARD COUNTY, MARYLAND
JULY 18, 1960 SHEET 1 OF 3 SCALE: AS SHOWN



REV. NO.	DATE	DESCRIPTION
1	11/3/88	AS BUILT CURB & INLETS @ TEE TURNAROUND
2	10/14/81	PLACE BIT CURB AT TEE TURNAROUND
3	7/10/81	PLACE PROP I-5 ON PLAN & PROFILE
4	6/10/81	LOCATED EXIST 12" C.M.P. ON PLAN

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

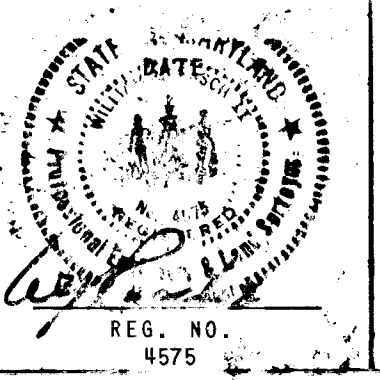
DIRECTOR: William E. Ray DATE: 8-4-80
CHIEF, BUREAU OF ENGINEERING

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

CHIEF, DIVISION OF LAND DEVELOPMENT: William E. Ray DATE: 8-4-80

PURDUM & JESCHKE
CONSULTING ENGINEERS
LAND SURVEYORS
1023 North Calvert Street
Baltimore, Maryland 21202 301/837-0184

AS BUILT SURVEY DATA BY WILLIAM RASHBY JR. M.S. REG. P.L.S. #575. SIGNED SEALED DATED 7/8/82



OWNER & DEVELOPER
SOUDER BUILDERS, INC.
301 OLD SCAGGSVILLE ROAD
LAUREL, MARYLAND

Designed: DE
Drawn: DG
Checked: RT

Sheet 1 of 3

I certify that all development and/or construction will be done according to these plans of development, pond construction and erosion and sediment control. I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District. I will provide the Howard Soil Conservation District with a red-lined "as built" of the pond within 30 days of completion.

Signature of Developer: *[Signature]* Date: 2/29/80

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 must provide the Howard Soil Conservation District with a red-lined "as built" of the pond within 30 days of completion.

Signature of Engineer: *[Signature]* Date: 3/5/80

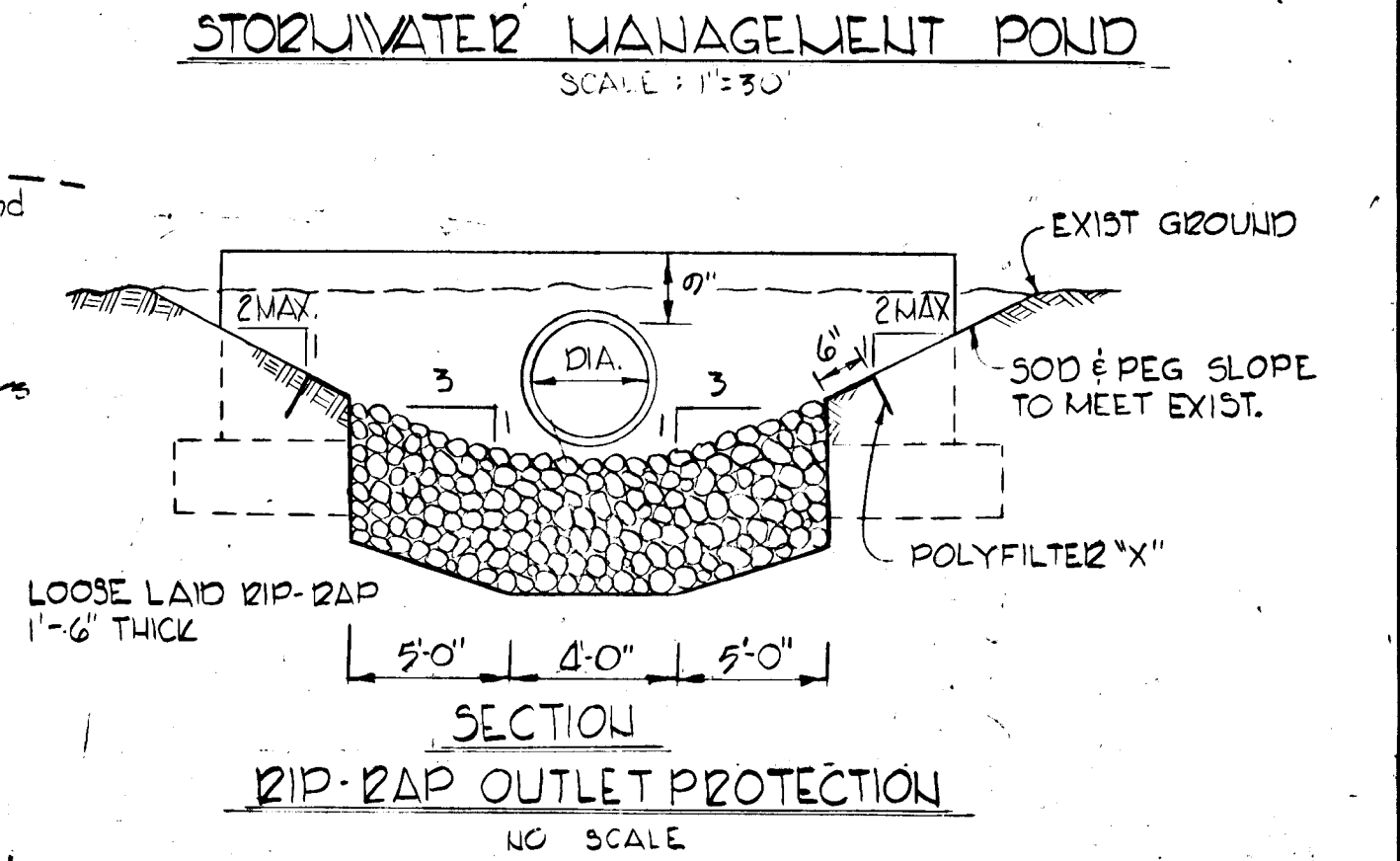
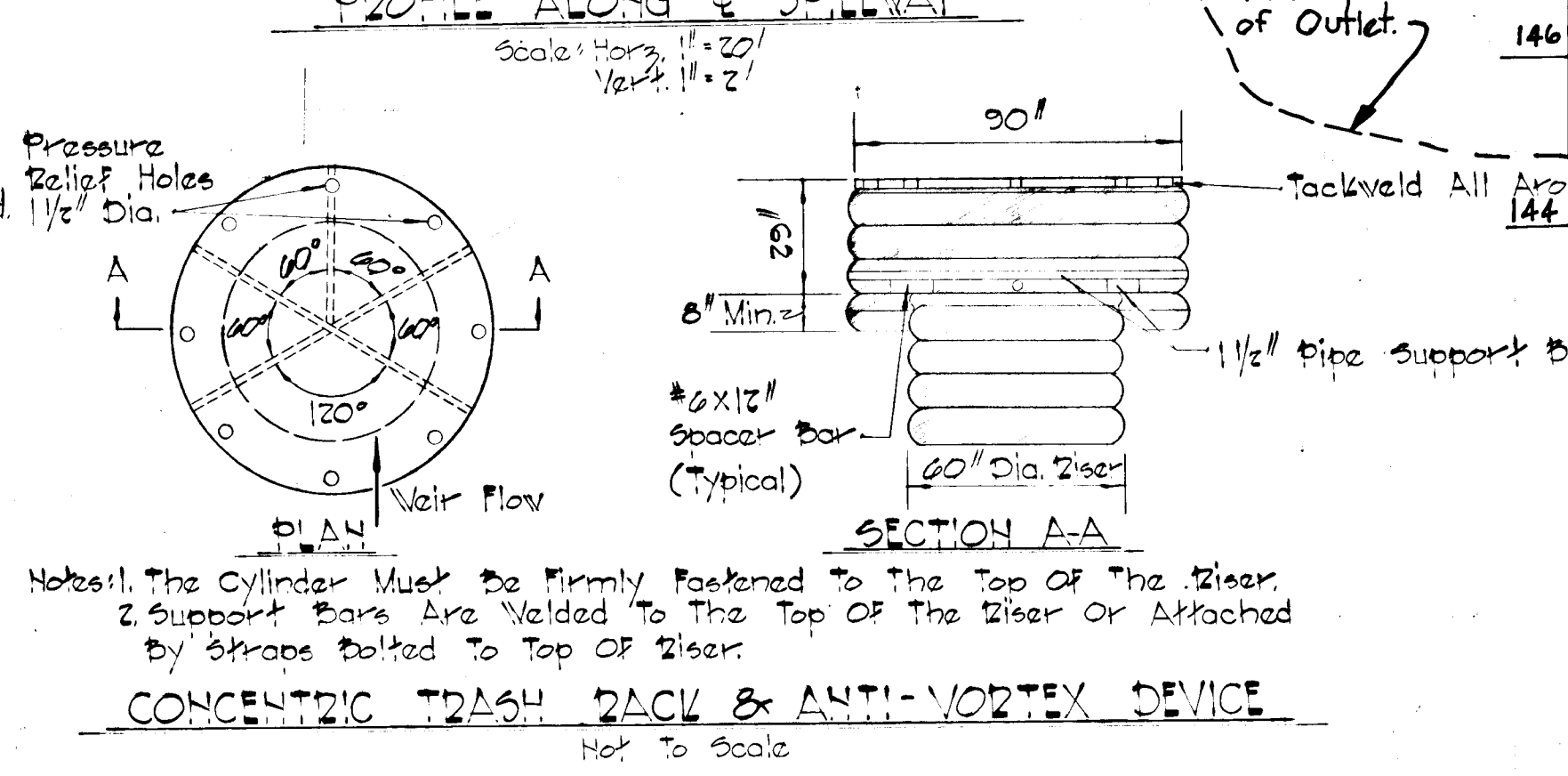
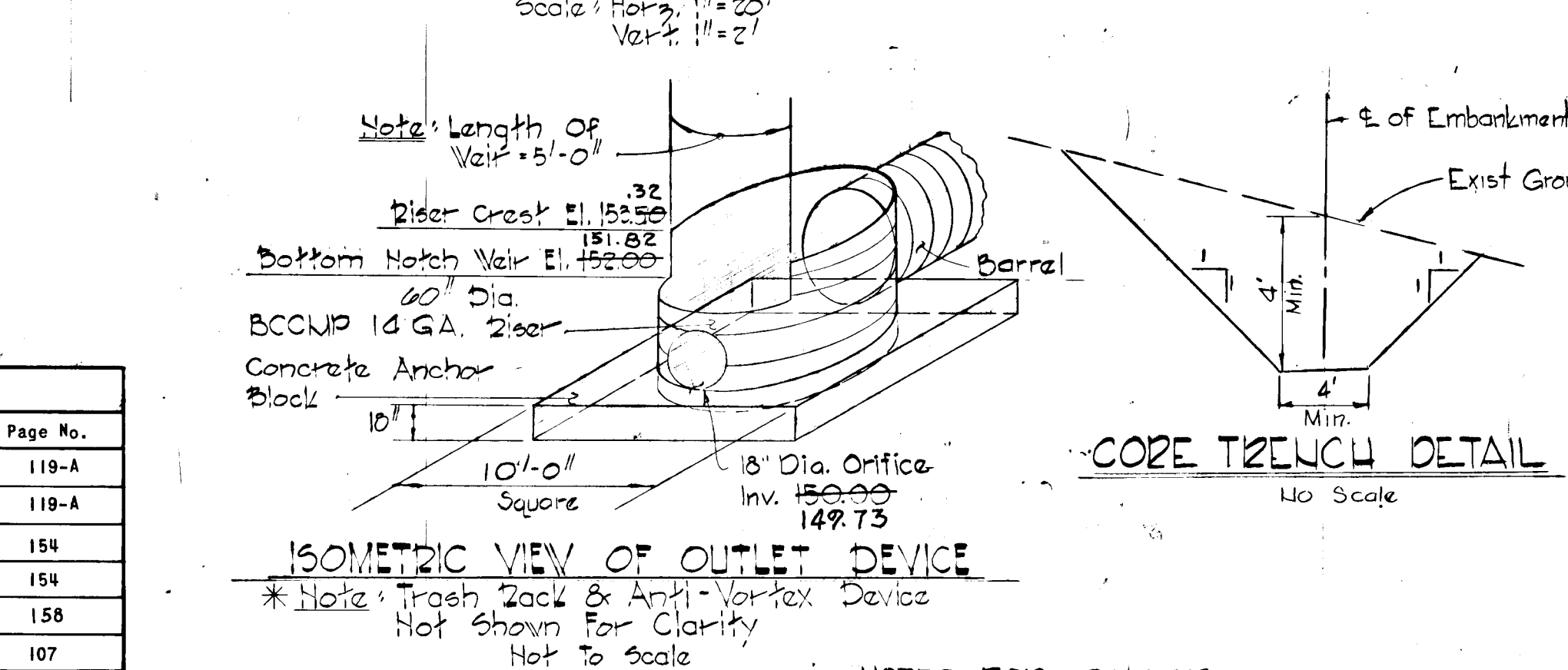
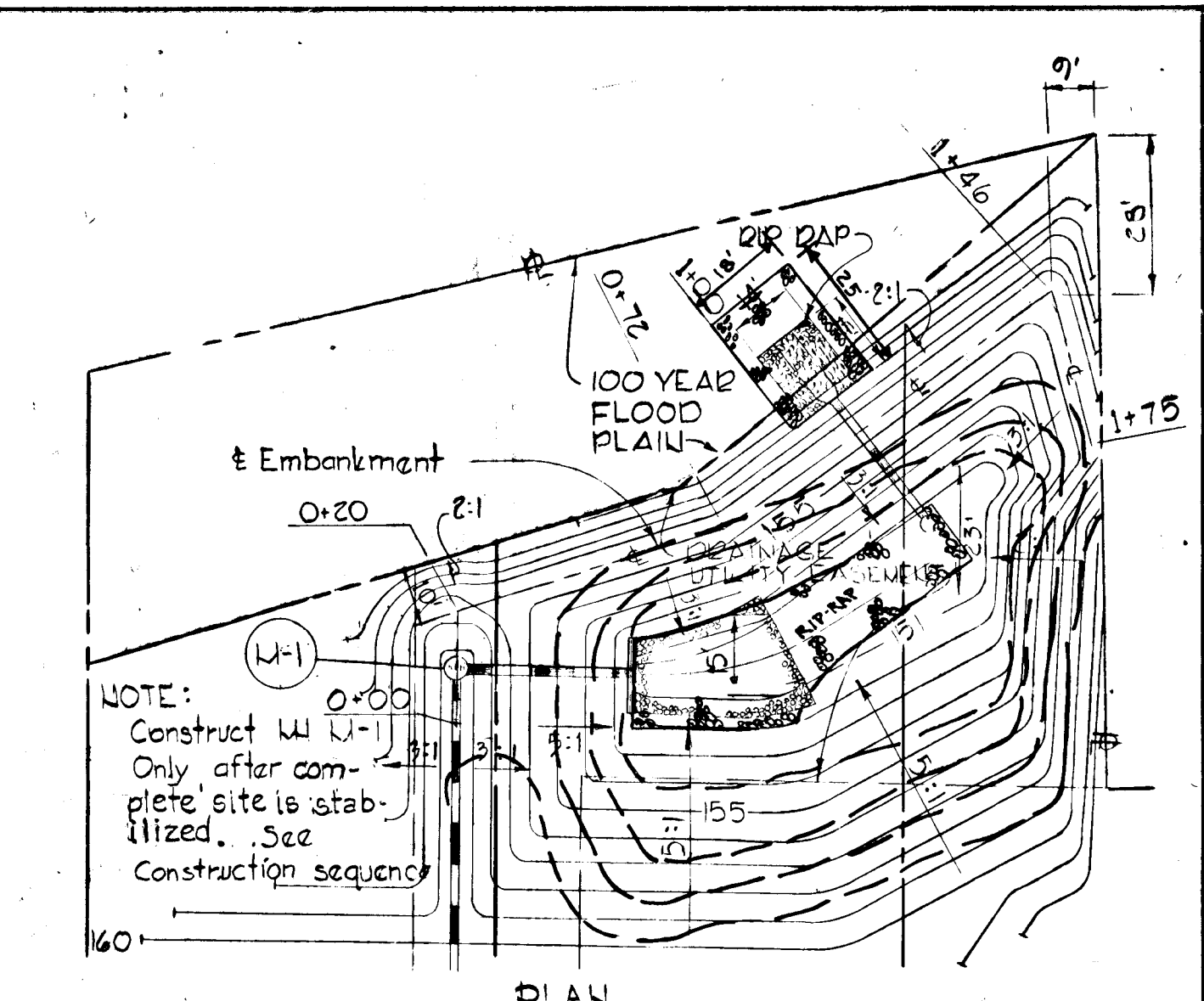
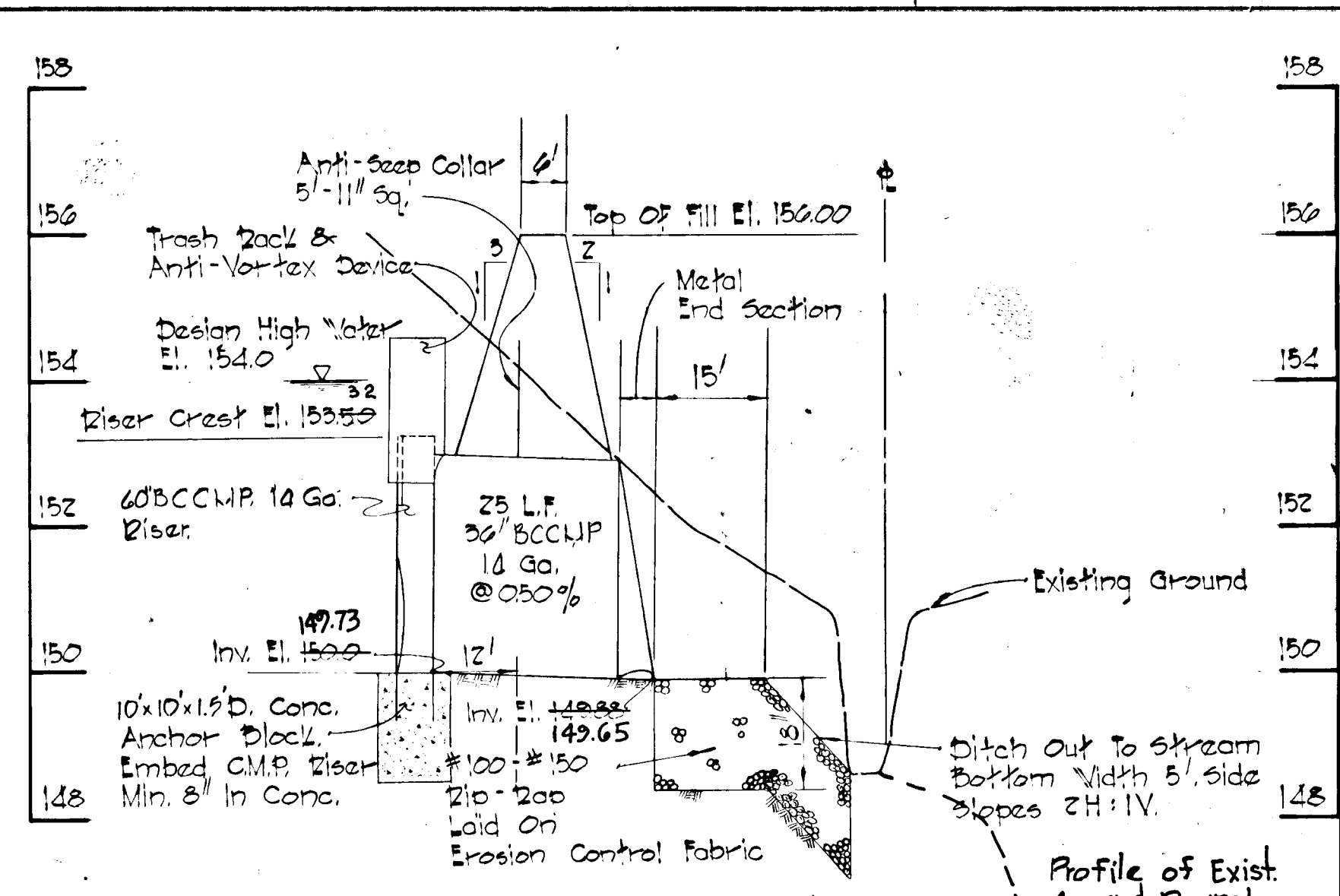
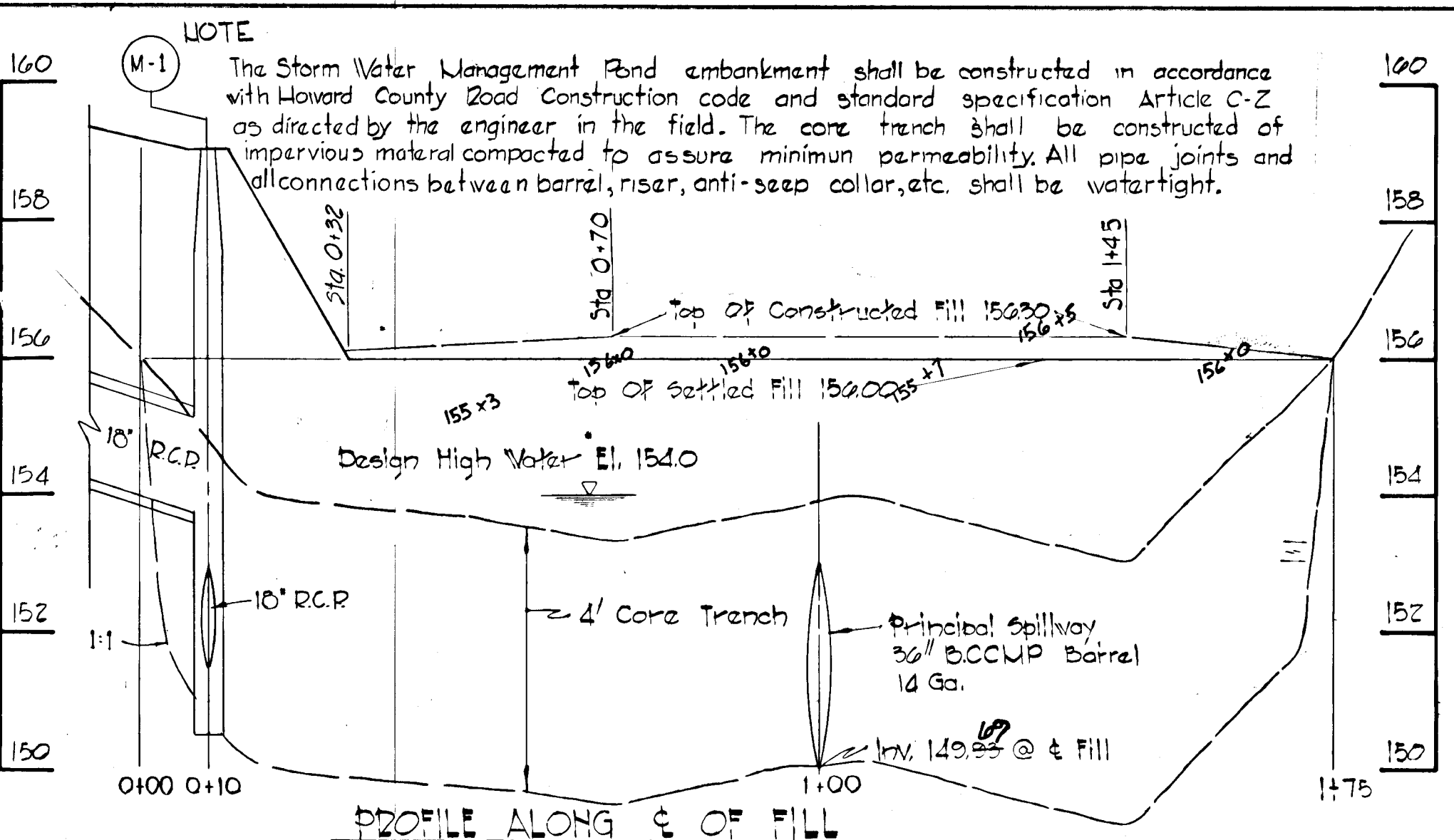
These plans have been reviewed for the Howard Soil Conservation District and meet the technical requirements for small pond construction, soil erosion and sediment control.

U. S. Soil Conservation Service Date: 7-28-80

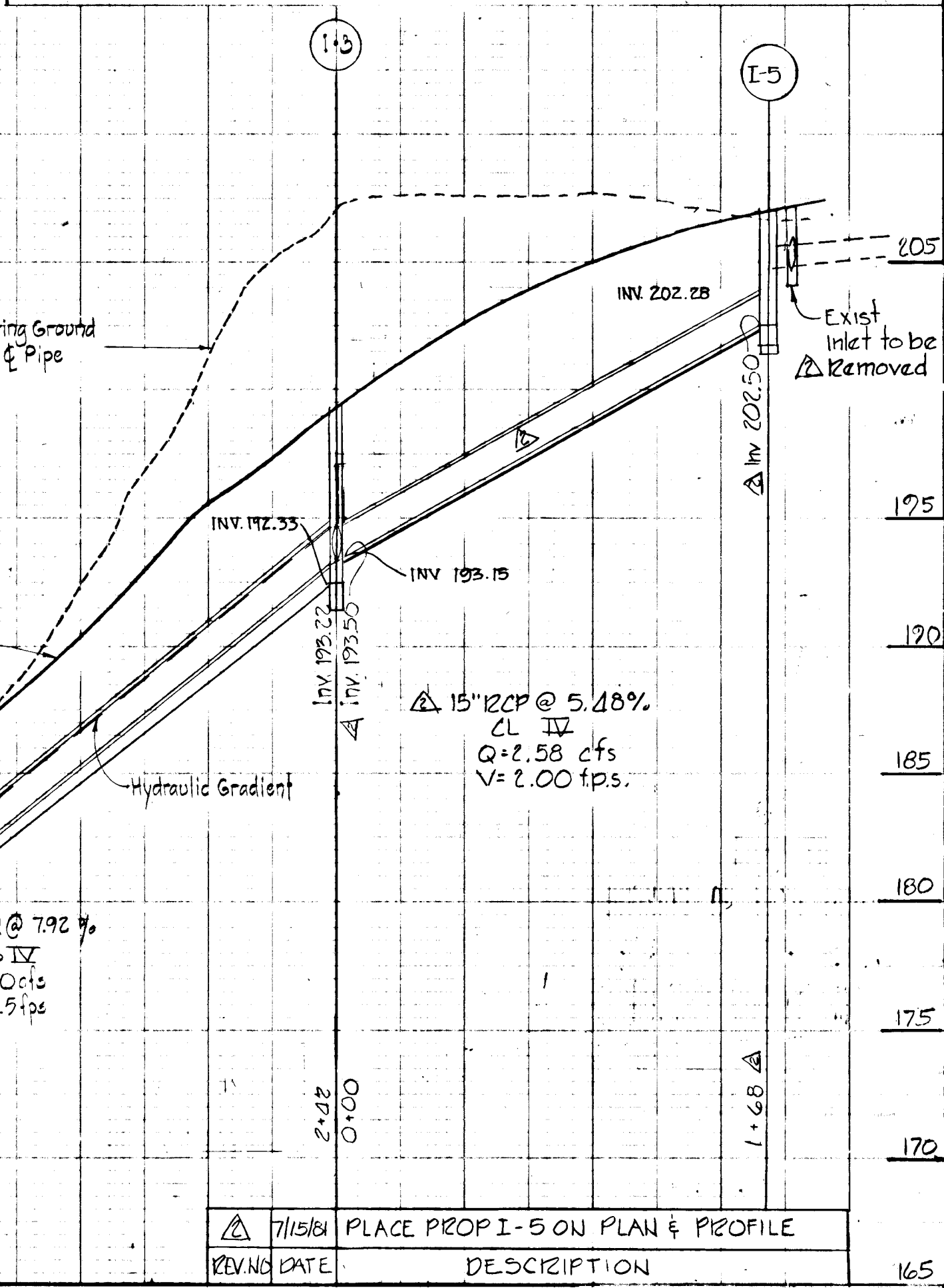
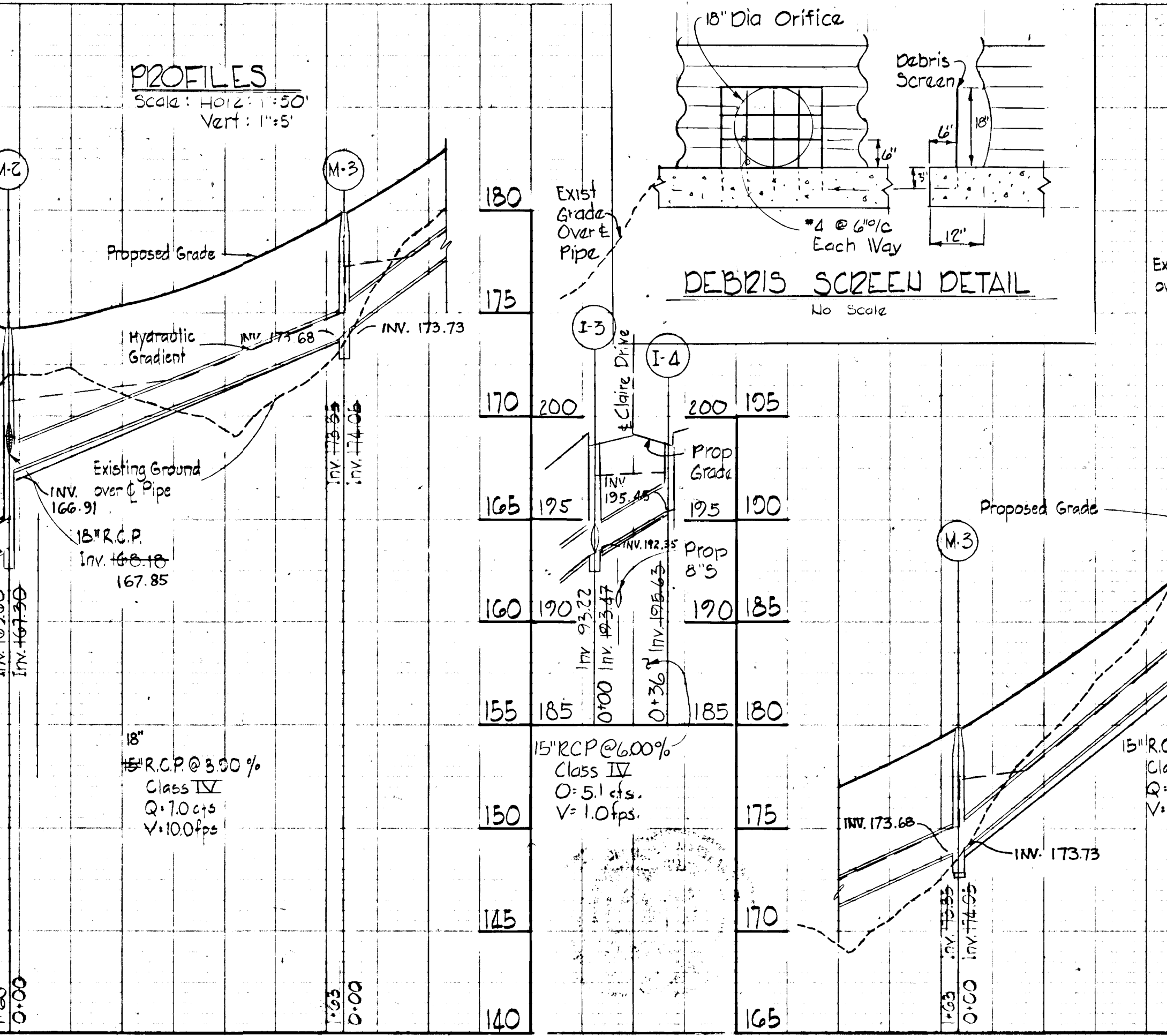
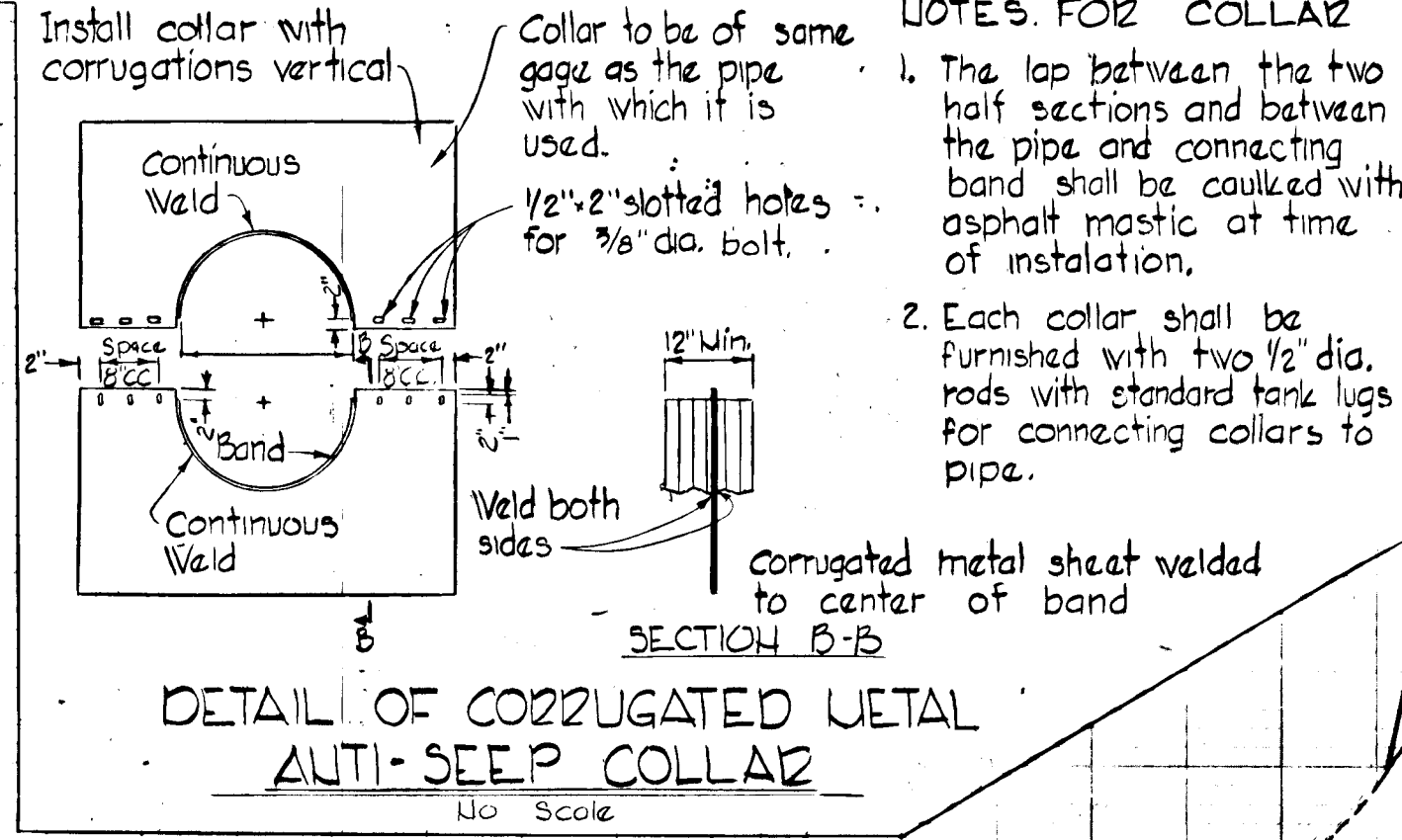
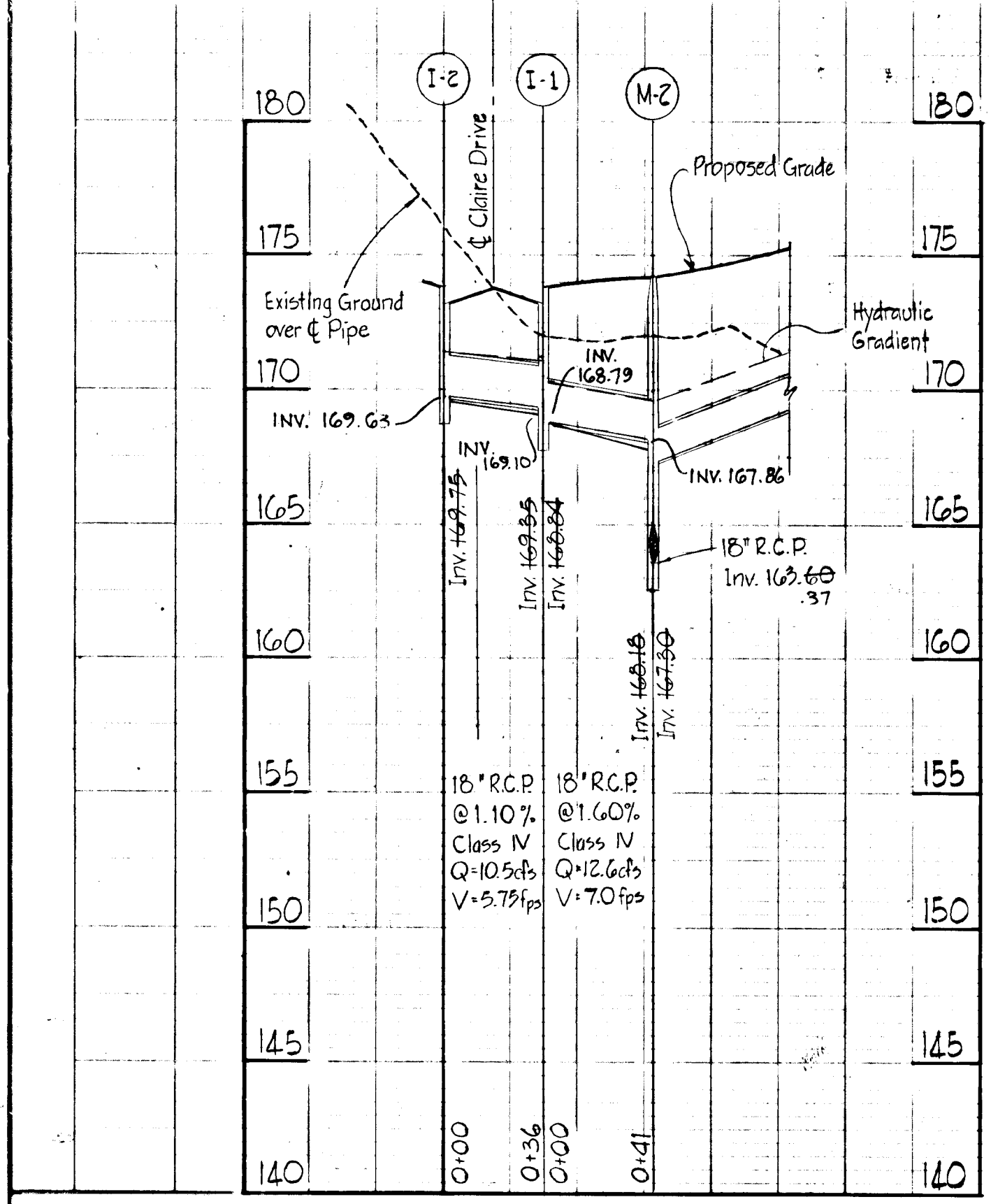
These plans for small pond construction, soil erosion and sediment control meet the requirements of the Howard Soil Conservation District.

Approved: *[Signature]* Date: 7-28-80
Howard S. C. D.

Plan Number



STRUC. NO.	TYPE	INVERT IN	INVERT OUT	TOP ELEV.	Dwg. No.	Page No.
I-1	A-5	169.35	168.84	173.82	D-64A	119-A
I-2	A-10		169.75	173.82	D-64A	119-A
I-3	A-5 W/DEFLECT	153.47	193.22	199.29	D-99	154
I-4	A-10 W/DEFLECT		193.63	199.29	D-99	154
M-3	STANDARD	174.05	173.85	179.92	D-103	158
E-1	18" ENDMILL		150.50	152.75	D-52	107
M-1	STANDARD	153.68	151.50	159.00	D-103	158
M-2	STANDARD	163.70	163.60	174.24	D-103	158
I-5	A-5 W/DEFLECTIONS	204.80	202.50	207.08	D-99	154
E-2	CMP END SECT.		149.88			



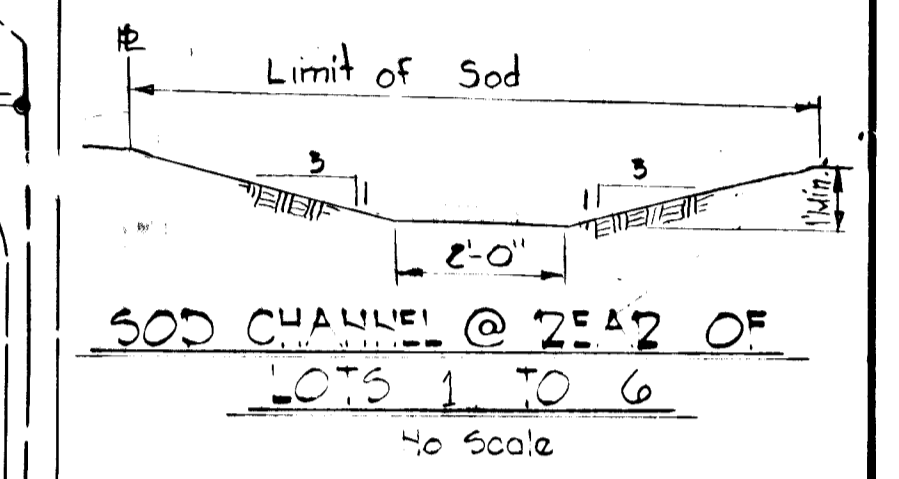
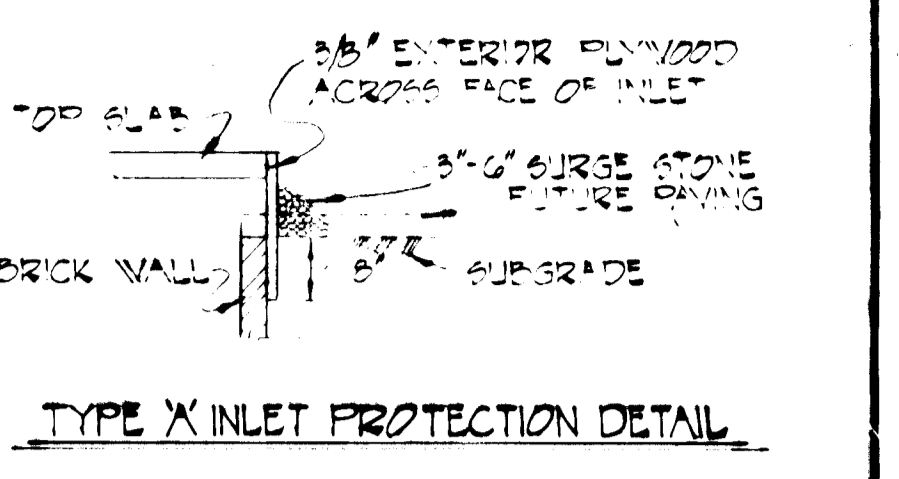
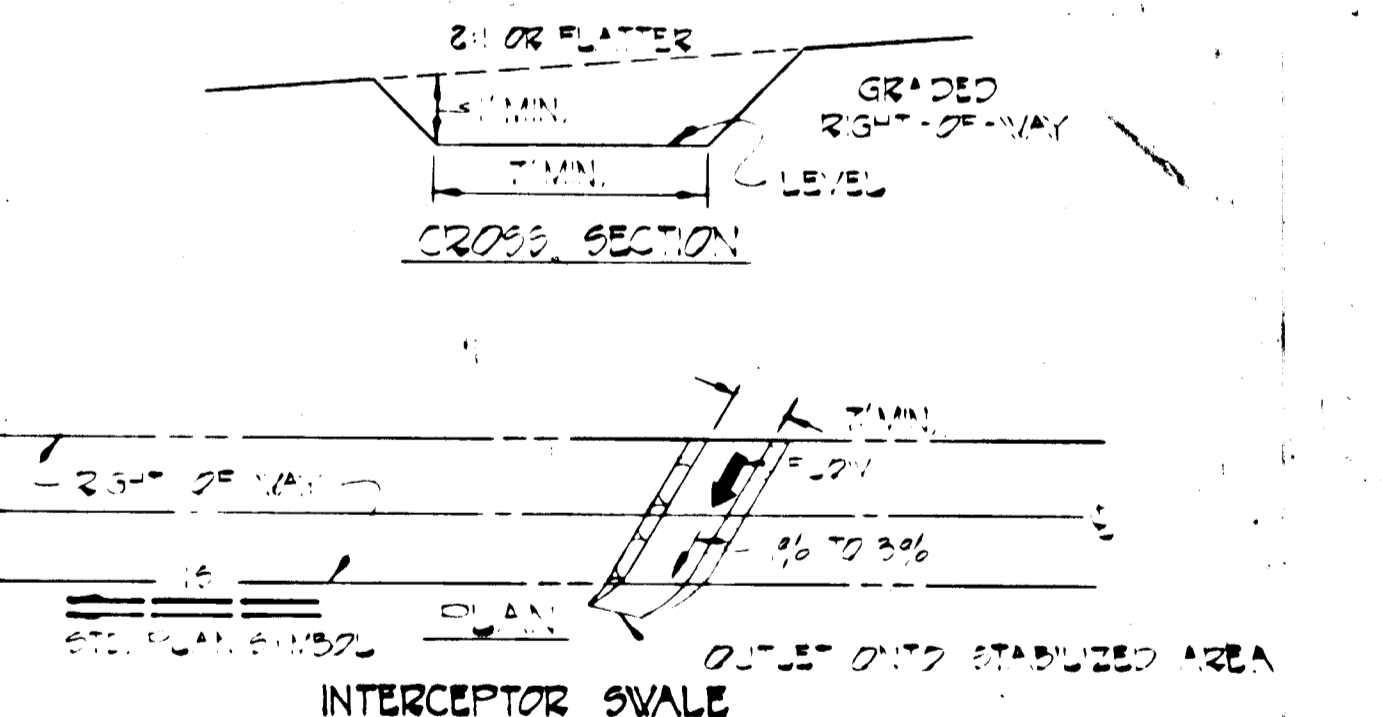
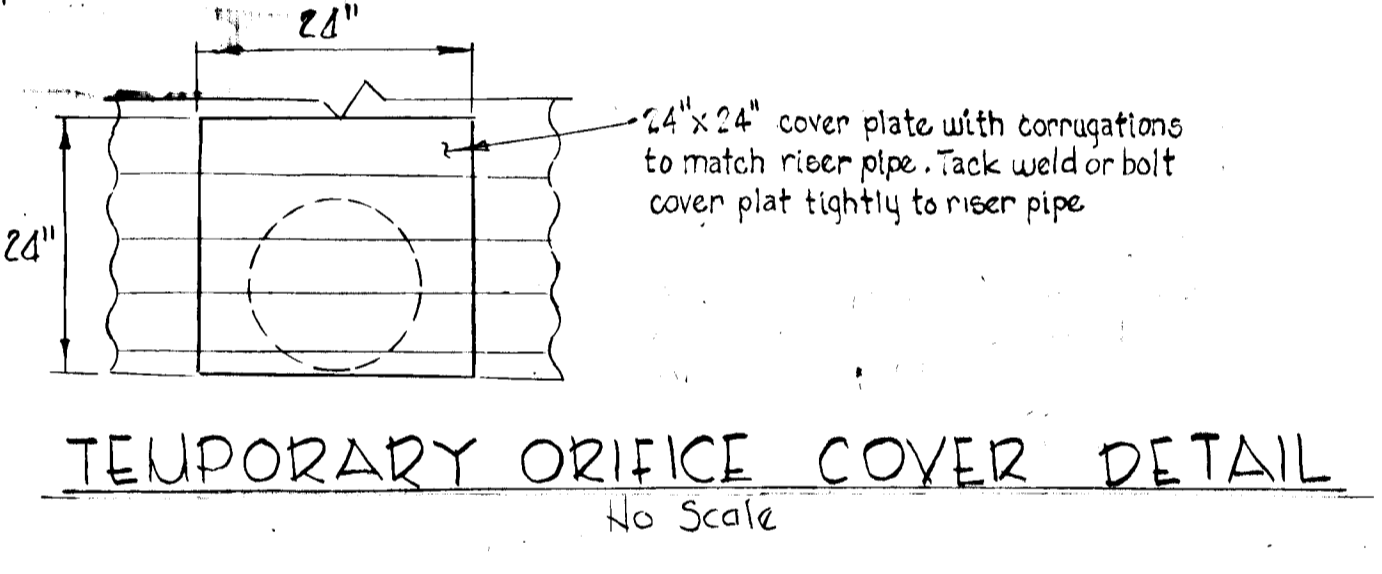
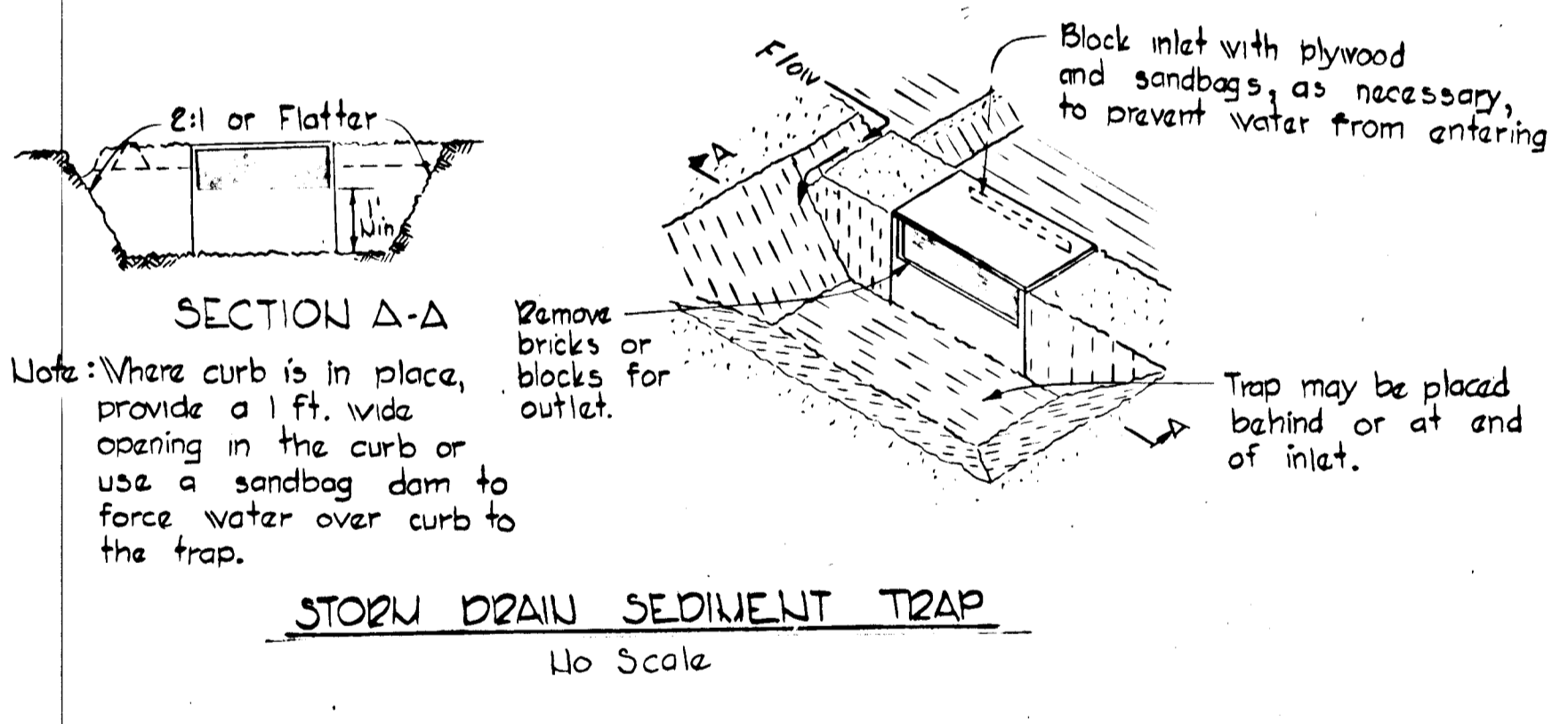
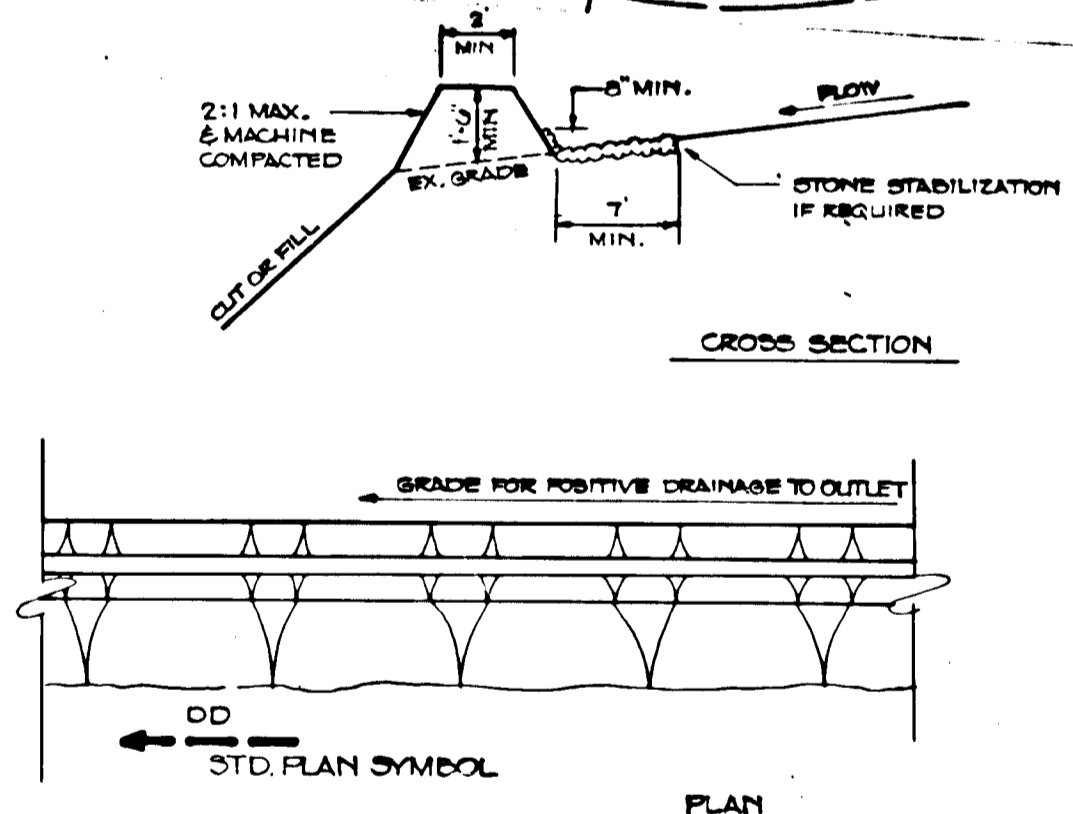
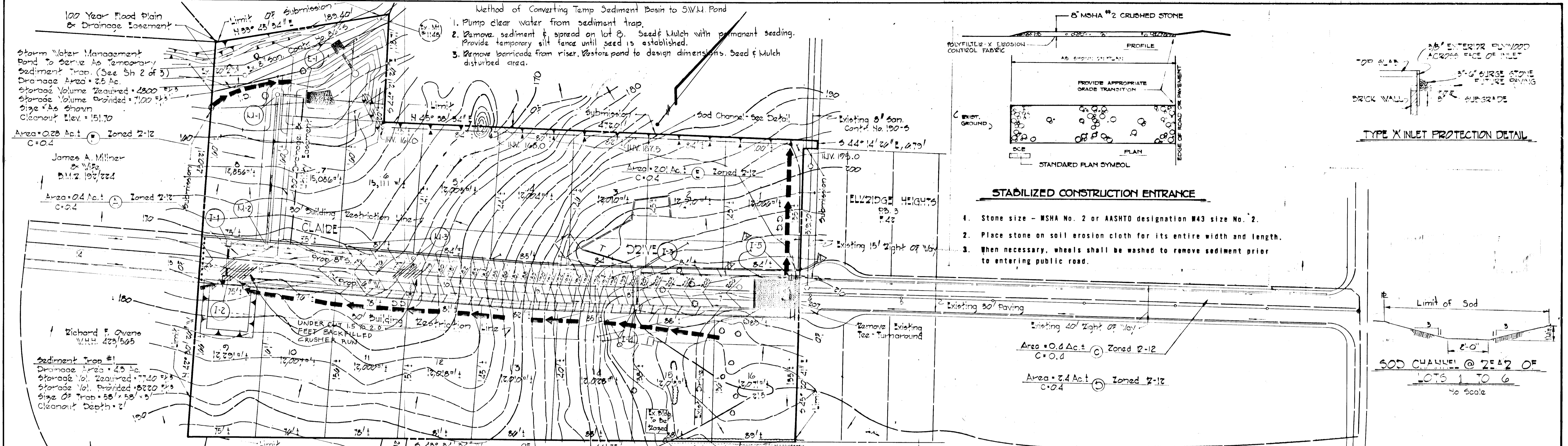
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
DIRECTOR: *[Signature]* DATE: 8-4-80
CHIEF, BUREAU OF ENGINEERING

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
CHIEF, DIVISION OF LAND DEVELOPMENT DATE: 7-28-80

PURDUM & JESCHKE
CONSULTING ENGINEERS,
LAND SURVEYORS
1023 North Calvert Street
Baltimore, Maryland 21202 301/837-0194

AS-BUILT SURVEY DATA BY WILLIAM G. RAGAN, P.E. MD REG. #16,485 SIGNED, SEALED & DATED 7/9/83

STORM DRAIN PROFILES AND STORM WATER MANAGEMENT DETAILS ELK RIDGE HEIGHTS SECTION 2
FIRST ELEC. DIST. HOWARD COUNTY, MD
DATE: JULY 18, 1980 SCALE: AS SHOWN
Designed: BE, NAT
Drawn: S2B
Checked: J2T
Sheet 2 of 3



- SEDIMENT CONTROL NOTES**
1. Specifications for the Sediment Control Details shown hereon are included in the U.S.D.A. Soil Conservation Service "Standards and Specifications for soil erosion and sediment control in developing areas."
 2. The developer shall notify the Howard County Office of Inspection and Permits at least 24 hours prior to beginning any construction shown hereon (992-2435 or 992-2436).
 3. All sediment control structures to remain in place until permission for their removal has been obtained from the Howard County Office of Inspection and Permits (992-2435 or 992-2436).
 4. All graded areas shall be stabilized in accordance with the following requirements:
 1. Site Preparation:
 - A. Harrow or disc the areas to be seeded with the following materials at the specified rate to a depth of 3".
 - 1) Pulverized limestone at 1 1/2 tons/acre.
 - 2) Commercial fertilizer 10-10-10 at 3 1/4 tons/acre.
 - 3) Super phosphate at 600 lbs. acre.
 2. Seeding:
 - A. Sow the following seed mixture at the specified rate with a mechanical spreader
 - 1) Temporary - Italian or Perennial Ryegrass. (1lb 1000 sq. ft.)
 - 2) Permanent - (Slopes Flatter than 3:1) - Common Kentucky Bluegrass 40% Merion Bluegrass 40%, Red Fescue 20%. (3 lb 1000 sq. ft.)
 3. Mulching:
 - A. Seeded areas shall be uniformly mulched immediately after seeding with unweathered small grain straw at the rate of 1 1/2 to 2 tons/acre.
 - B. Tie mulch down with liquid asphalt at 0.1 gal. s.y. or emulsified asphalt at 0.04 gal. s.y.
 4. Sodding:
 - A. Apply 10-10-10 fertilizer at 1000 lbs./acre. (25 lbs./1000 s.f.)
 - B. Apply ground agricultural limestone at 2000 lbs. acre. (50 lbs./1000 s.f.)
 - C. Incorporate both lime and fertilizer into soil by discing. Firm up after incorporation.
 - D. Lay sod to a tight fit. Roll to insure contact with underlying soil. Water as necessary for first two weeks (in summer) to insure establishment.
 5. Ground Cover:
 - A. Crown vetch (innoculated) at 15 lbs./acre. and Kentucky 31 Tall Fescue (certified) at 40 lbs./acre. (2:1 maximum slope)
 5. The contractor shall place plywood braced with sand bags at the inlet end of unfinished drain pipes at the end of each work day.
 6. All stockpiles shall be protected with straw bale dikes, silt fences, or other approved sediment control devices.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT

HOWARD SOIL CONSERVATION DISTRICT
REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

DATE: 7-28-80

APPROVED: [Signature] DATE: 7-28-80

HOWARD SOIL CONSERVATION DISTRICT

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DATE: 8-4-80

CHIEF, BUREAU OF ENGINEERING

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

PLANNING DIRECTOR DATE: 7-28-80

CHIEF, DIVISION OF LAND DEVELOPMENT

DEVELOPER

I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS DEEMED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD SOIL CONSERVATION DISTRICT

DATE: 2/2/80

PROFESSIONAL ENGINEER

I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT

DATE: 2/2/80

WILLIAM G. BUCKLEY, REG. NO. 4575



EROSION & SEDIMENT CONTROL PLAN & DETAILS
DRAINAGE AREA MAP
ELK RIDGE HEIGHTS
SECTION 2

Sheet 3 of 3

Designed: DE
Drawn: DG
Checked: RT

ELECTION DISTRICT NO. 1
DATE: JULY 18, 1980

HOWARD COUNTY, MD.
SCALE: AS SHOWN

PURDUM & JESCHKE
CONSULTING ENGINEERS
LAND SURVEYORS

1073 North Calvert Street
Baltimore, Maryland 21202

301/837-0194