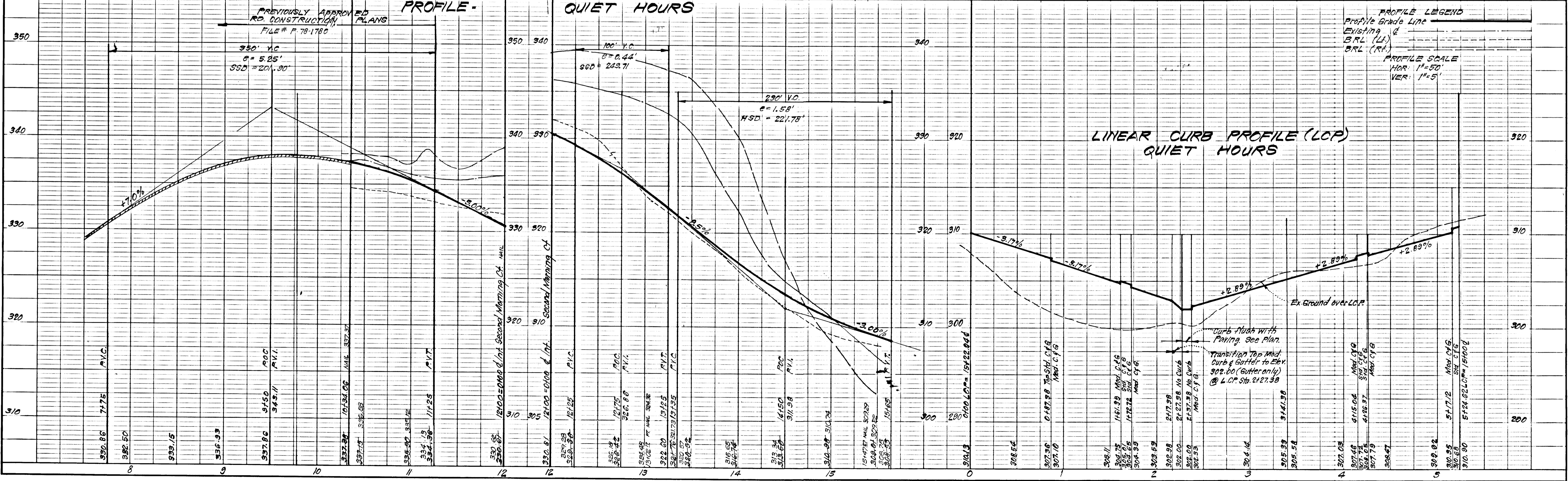
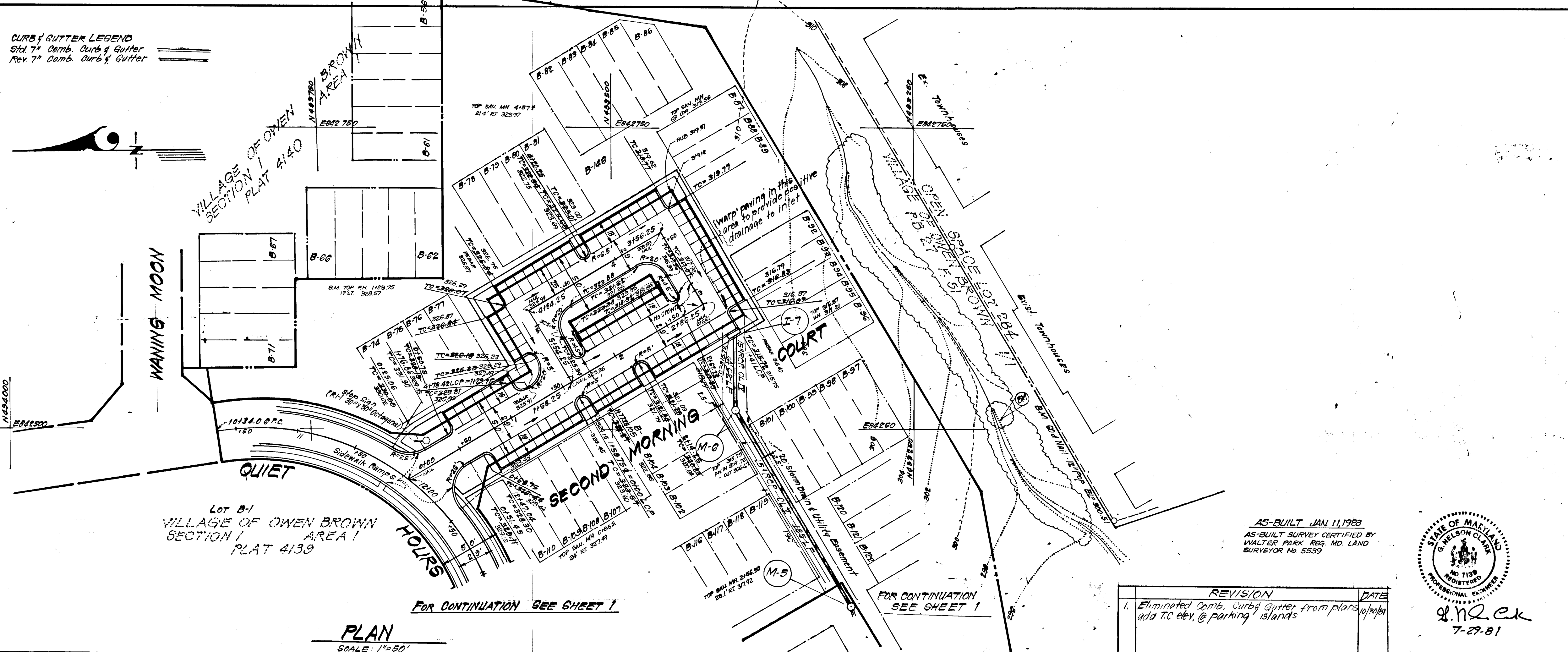


APPROVED: Department of Public Works	
<i>William E. Ryan</i> Chief, Bureau of Engineering	9/10/81 Date
APPROVED: Howard County Office of Planning and Zoning	
<i>William Muschman</i> Chief, Division of Land Development and Zoning Administration	9-11-81 Date
CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 (301) 593-3400	
DESIGNED R.J.S.	ROAD CONSTRUCTION PLANS QUIET HOURS A RESUBDIVISION OF LOT B-73 COLUMBIA VILLAGE OF OWEN BROWN SECTION 1 AREA 1 8TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DRAWN K.L.W.	SCALE 1"=50'
CHECKED R.J.S.	DRAWING 10F5
DATE 5-27-1981	JOB NO. 81-030
	FILE NO. 81-030-D



CURB & GUTTER LEGEND
 Std 7" Comb. Curb & Gutter
 Rev 7" Comb. Curb & Gutter



PLAN
 SCALE: 1"=50'

FOR CONTINUATION SEE SHEET 1

FOR CONTINUATION SEE SHEET 1

AS-BUILT JAN 11, 1983
 AS-BUILT SURVEY CERTIFIED BY
 WALTER PARK, REG. MD. LAND
 SURVEYOR NO. 5539



2/12/81
 7-29-81

REVISION	DATE
1. Eliminated Comb. curb & gutter from plans & add to elev. @ parking islands	10/10/81

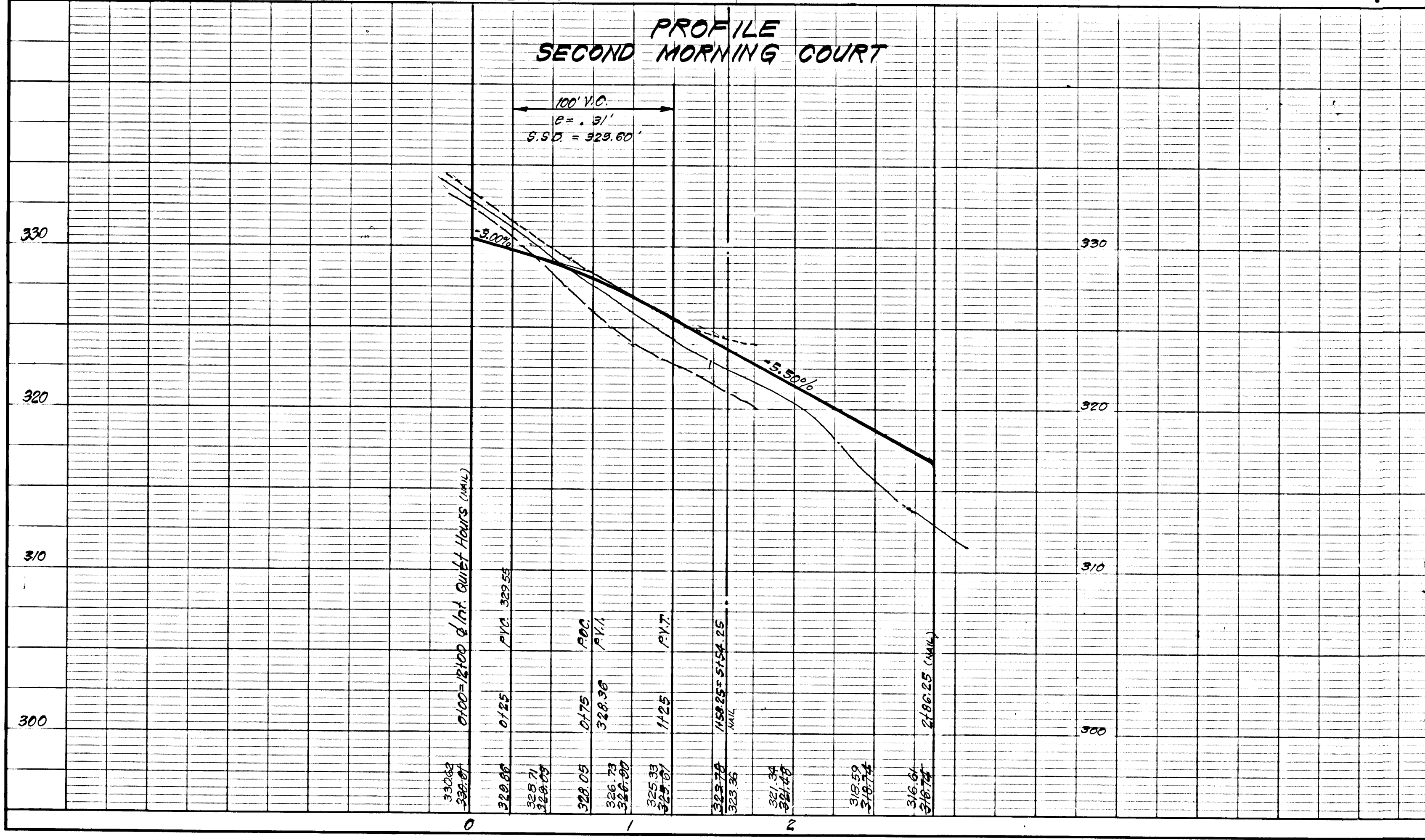
APPROVED: Department of Public Works
William E. Rose 9/10/81
 Chief, Bureau of Engineering Date

APPROVED: Howard County Office of Planning and Zoning
William M. Rose 9-4-81
 Chief, Division of Land Development and Zoning Administration Date

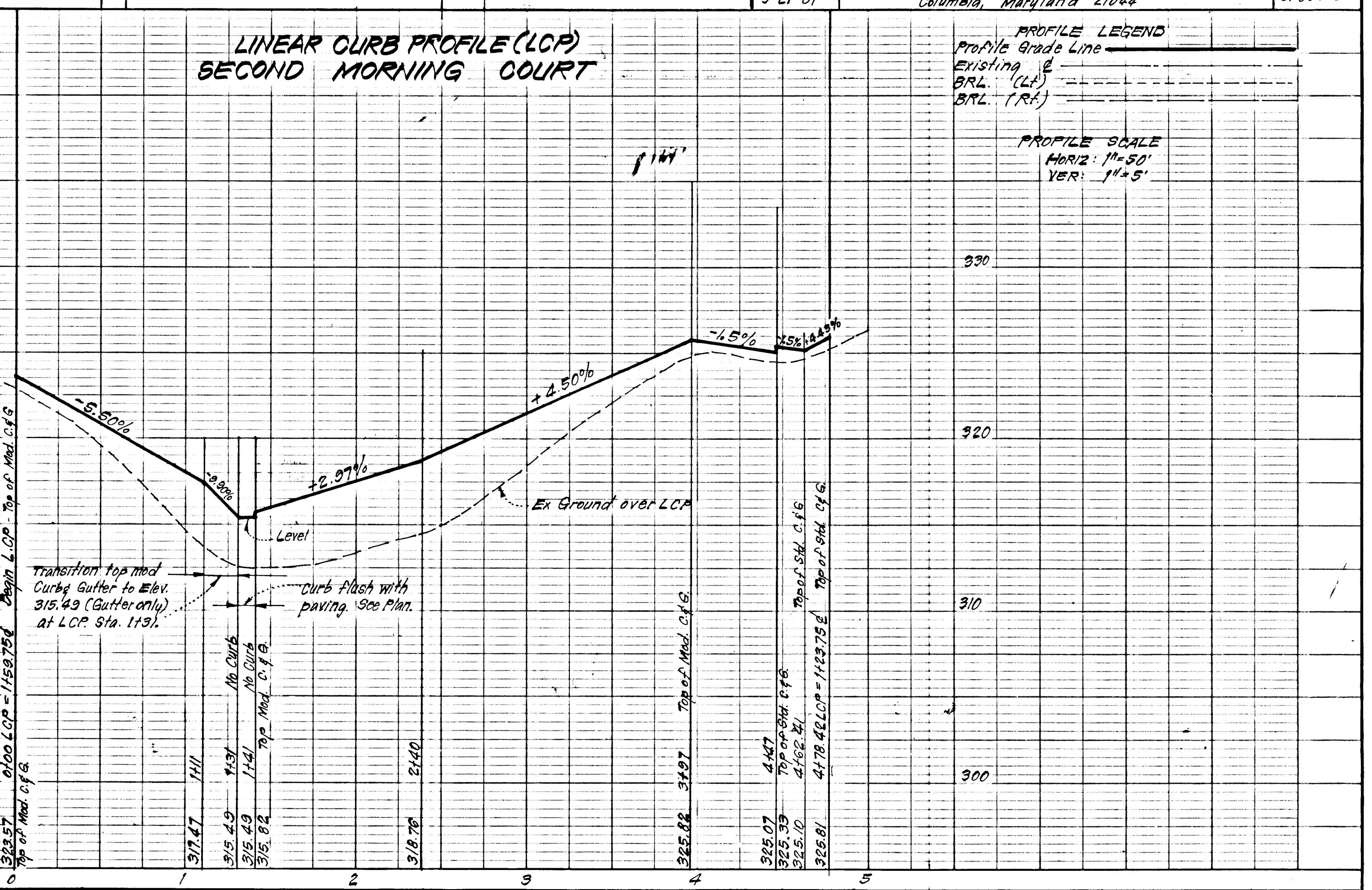
CLARK • FINEFROCK & SACKETT
 ENGINEERS • PLANNERS • SURVEYORS
 11315 LOCKWOOD DRIVE • SILVER SPRING MARYLAND 20904 (301) 593 3400

DESIGNED R.U.S.	ROAD CONSTRUCTION PLANS SECOND MORNING COURT A RESUBDIVISION OF LOT 8-73 COLUMBIA	SCALE 1"=50'
DRAWN K.W.	VILLAGE OF OWEN BROWN SECTION 1 AREA 1 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	DRAWING 2 OF 5
CHECKED R.U.S.	FOR: The Howard Research & Development Corp. The House Company Building Columbia, Maryland 21044	JOB NO. 81-030
DATE 5-27-81		FILE NO. 81-030-D

PROFILE
 SECOND MORNING COURT



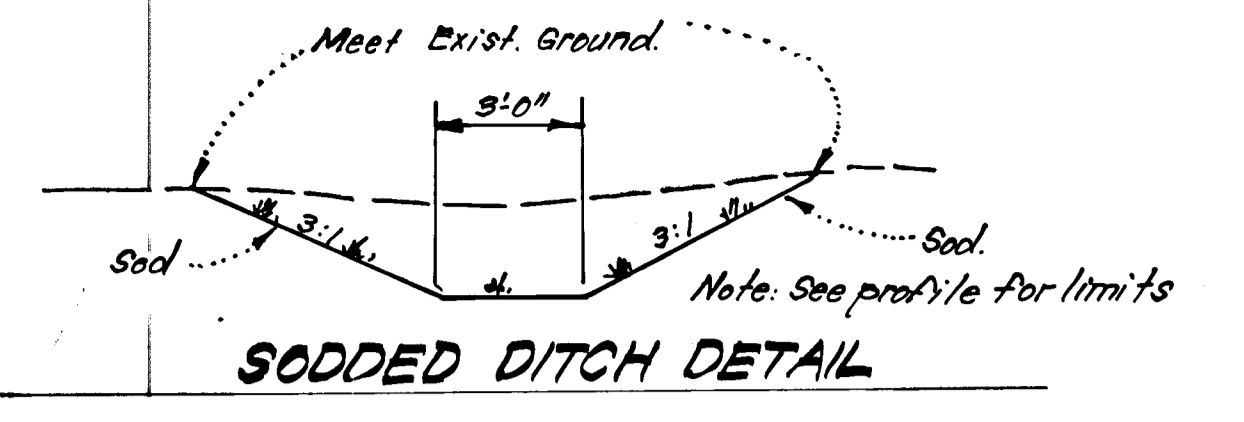
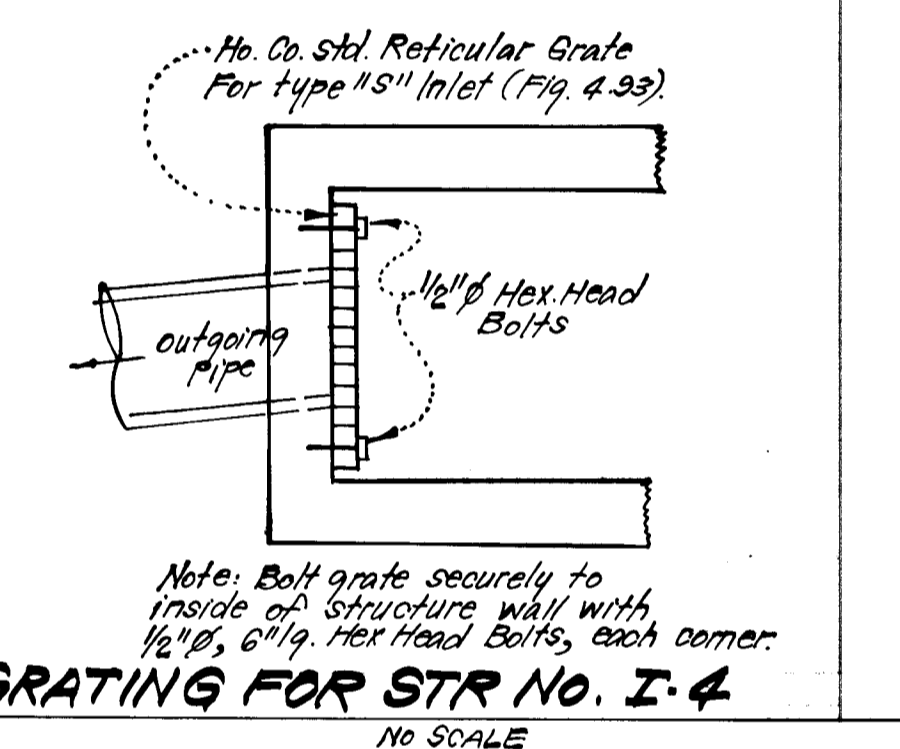
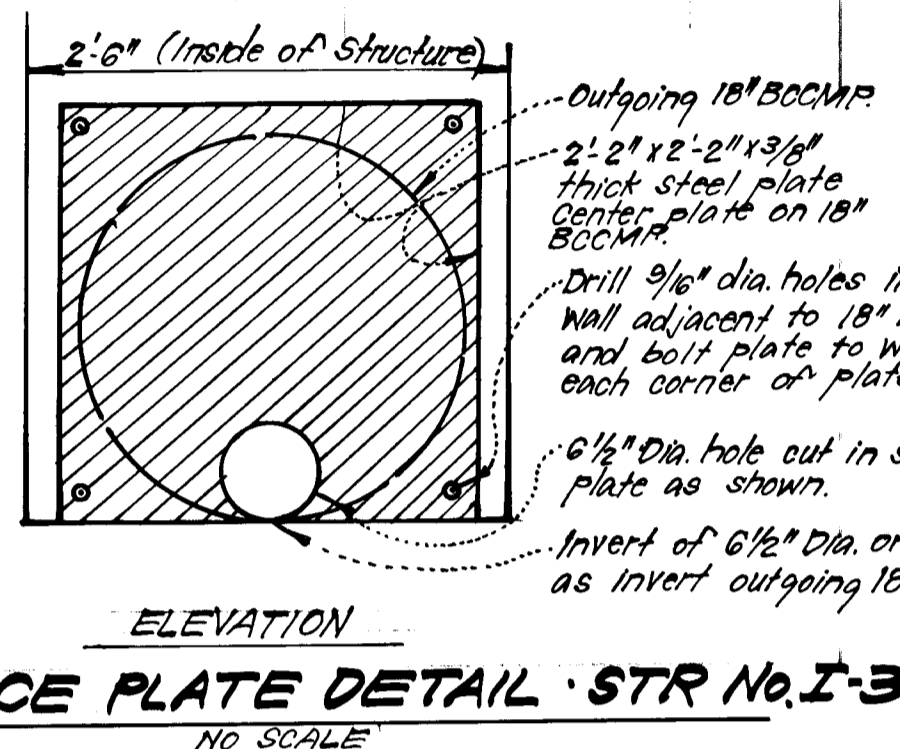
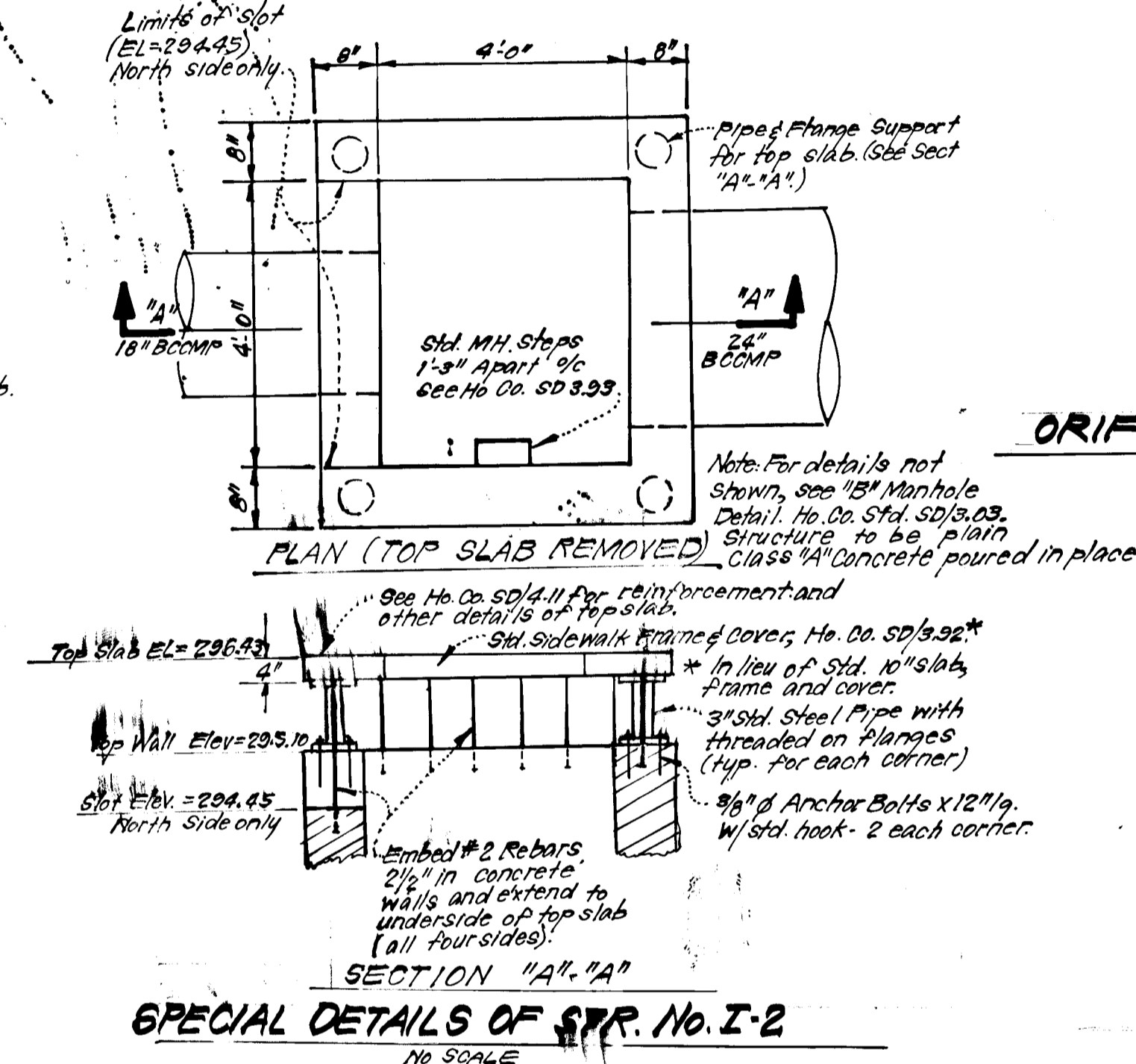
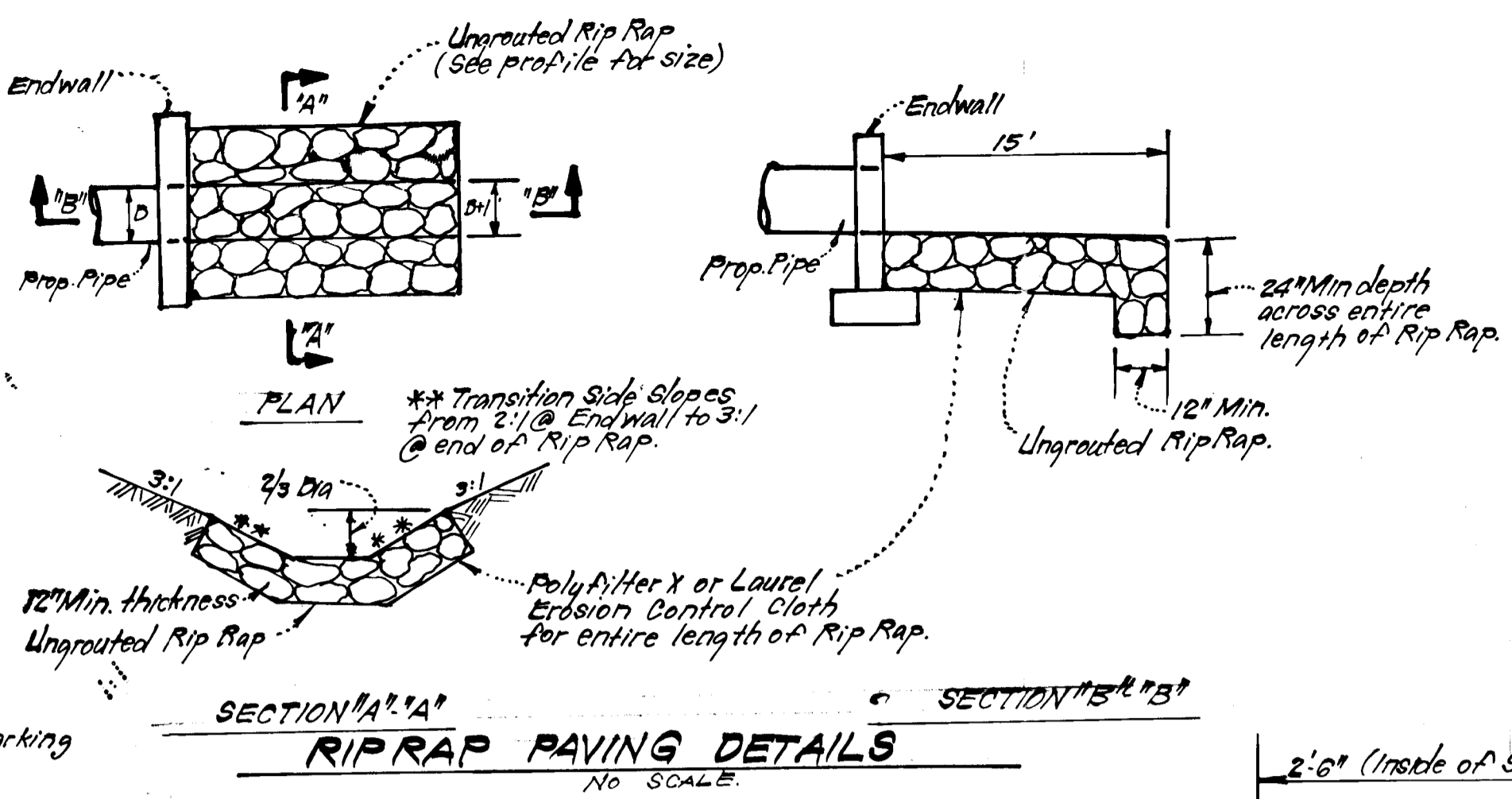
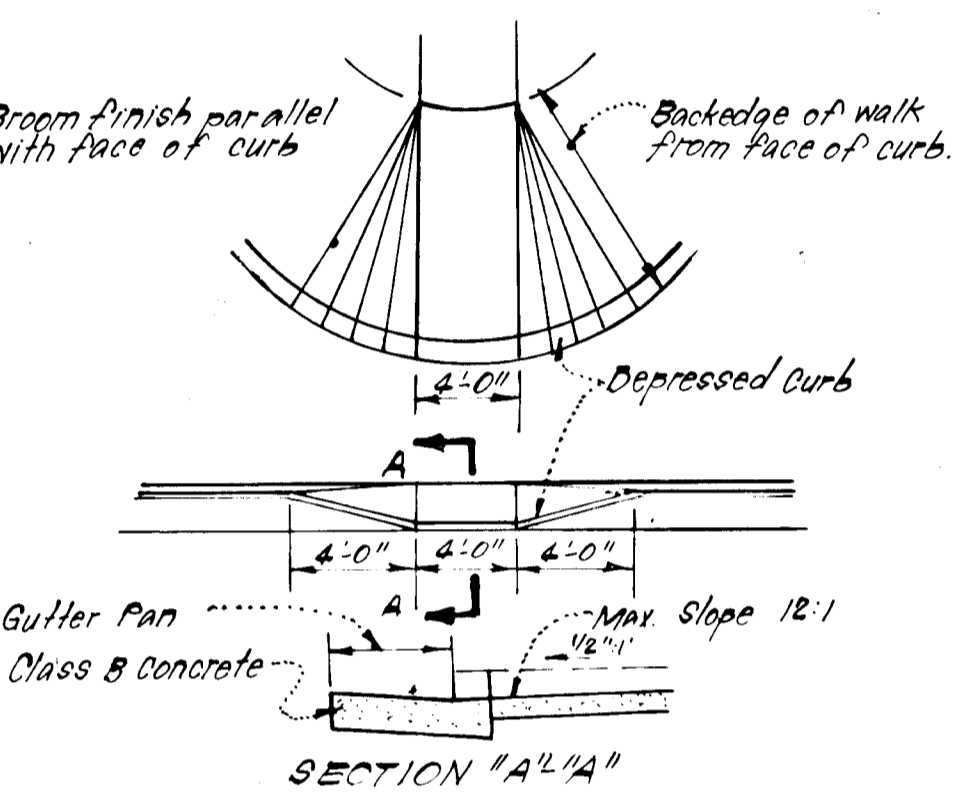
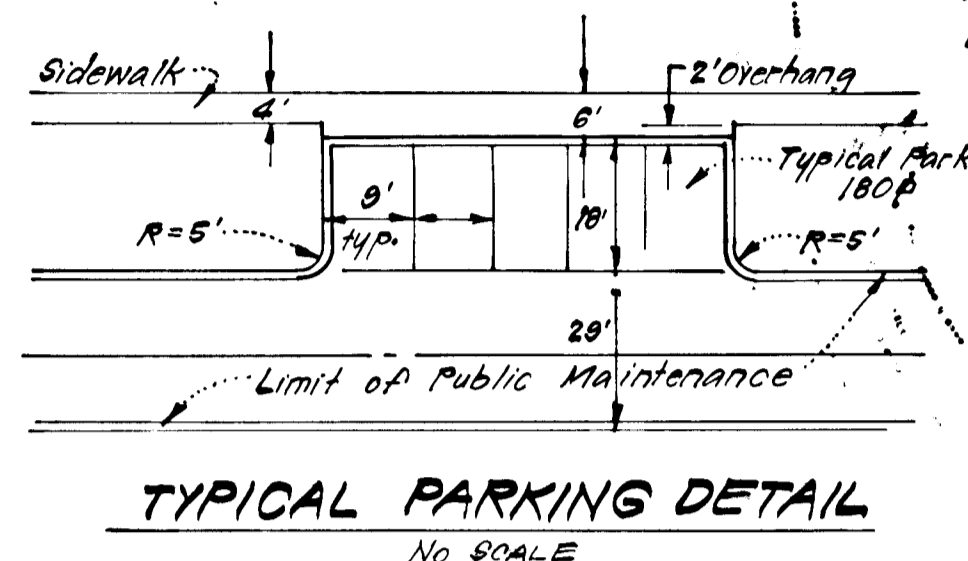
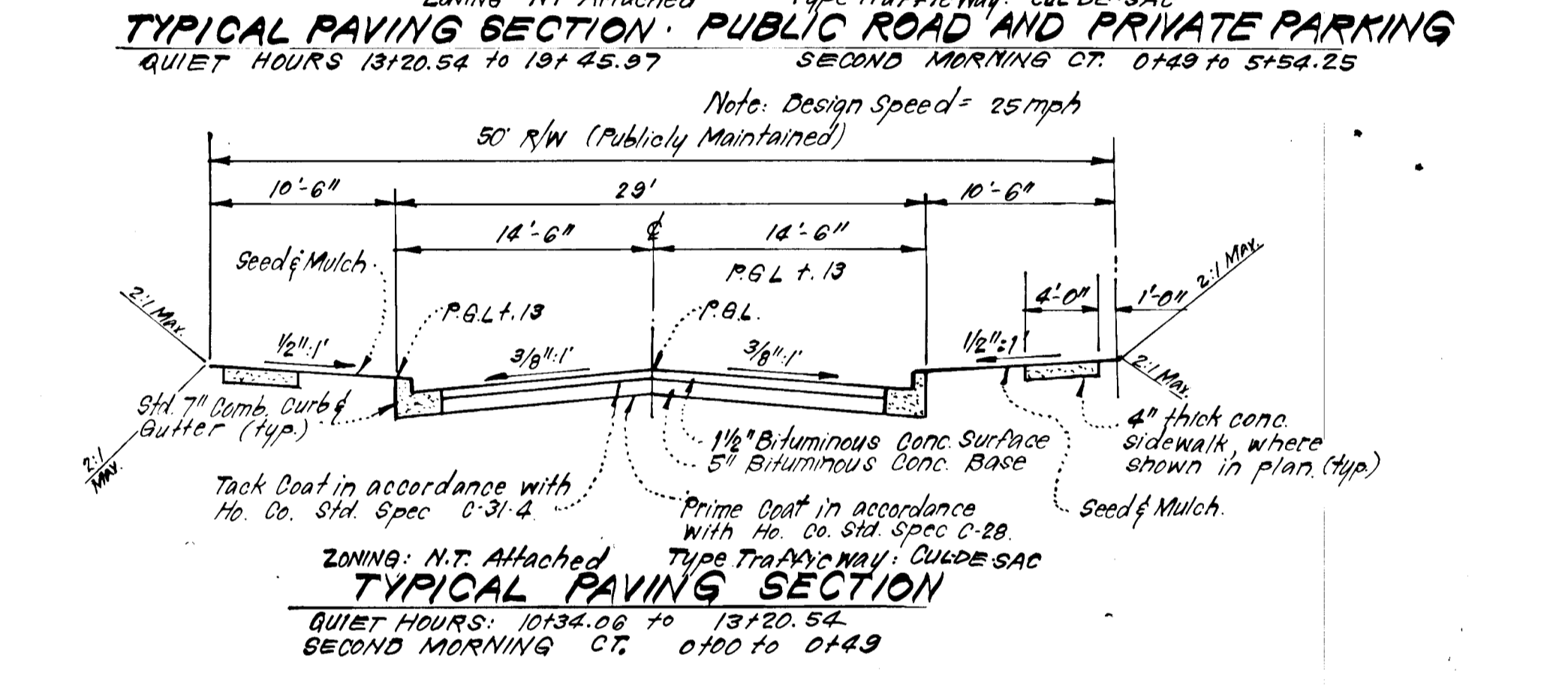
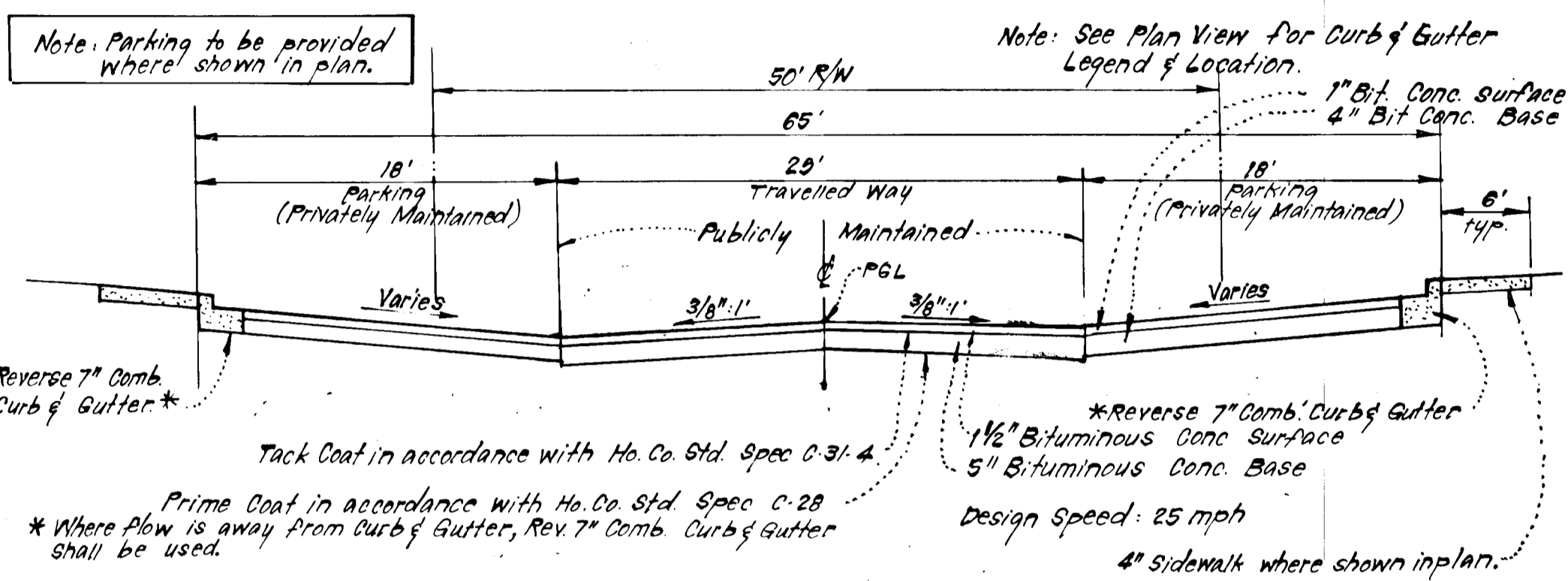
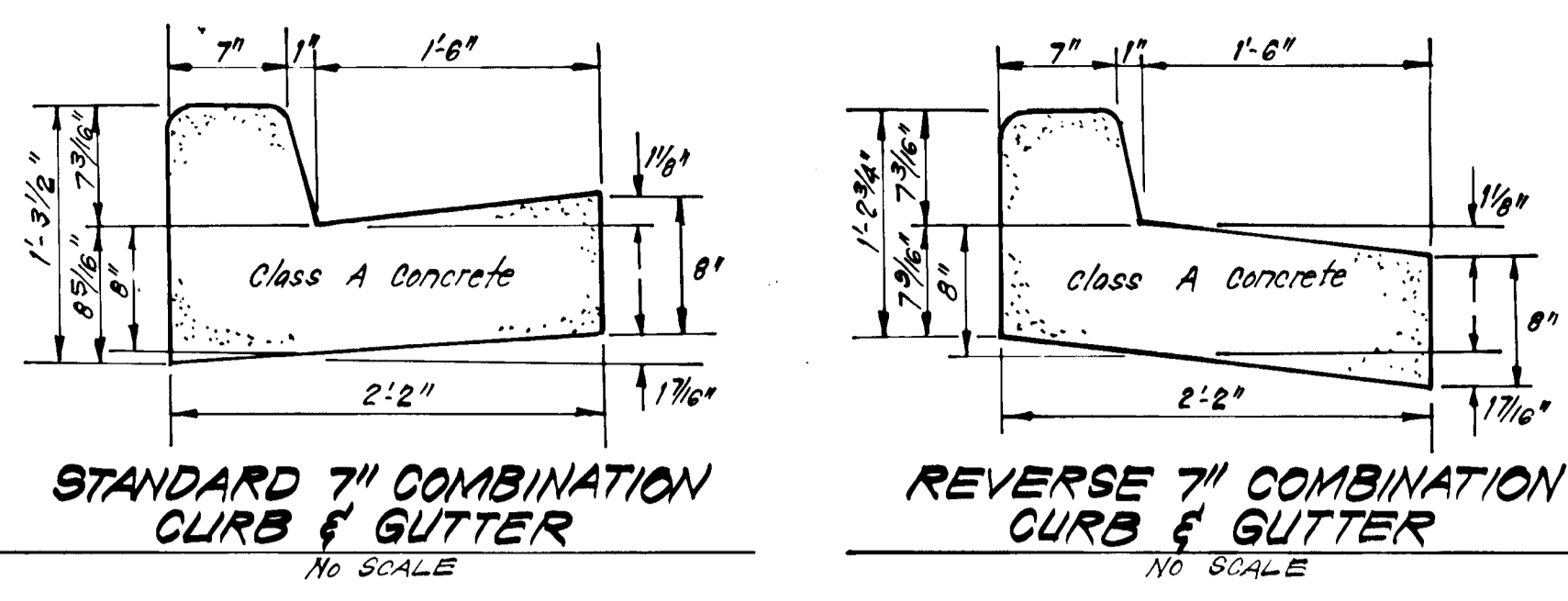
LINEAR CURB PROFILE (LCP)
 SECOND MORNING COURT



AS-BUILT JAN 11, 1983

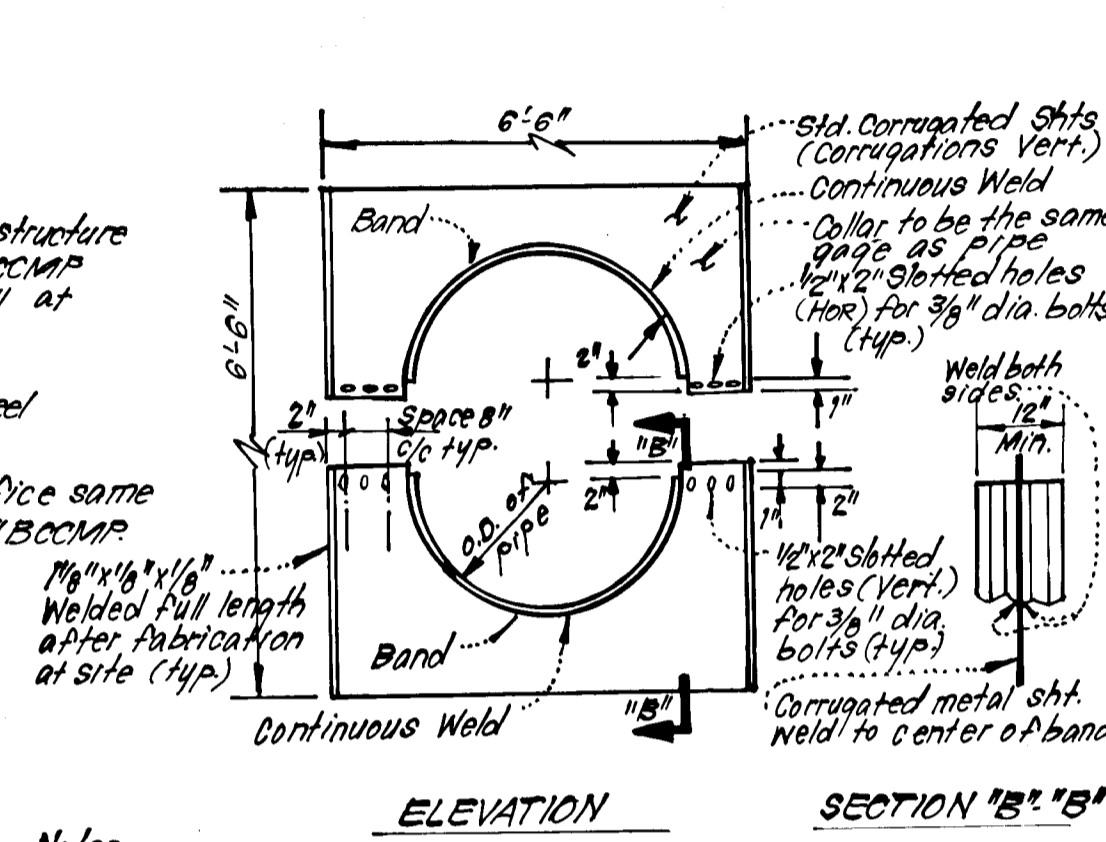
81-030-D

F-81-132



GENERAL SODDING NOTES:

1. Apply 10-10-10 Fertilizer @ 1000#/acre (25#/1000 sq ft)
2. Apply Ground Agricultural Limestone @ 2000#/acre (50#/1000 sq ft)
3. Incorporate both limestone and fertilizer into soil by discing. Firm up after incorporation.
4. Lay sod to a tight fit. Roll to insure contact with underlying soil. Water as necessary for 1st 2 weeks, in summer to ensure establishment.
5. Sod to be used must be certified by the State of Maryland.



Notes:

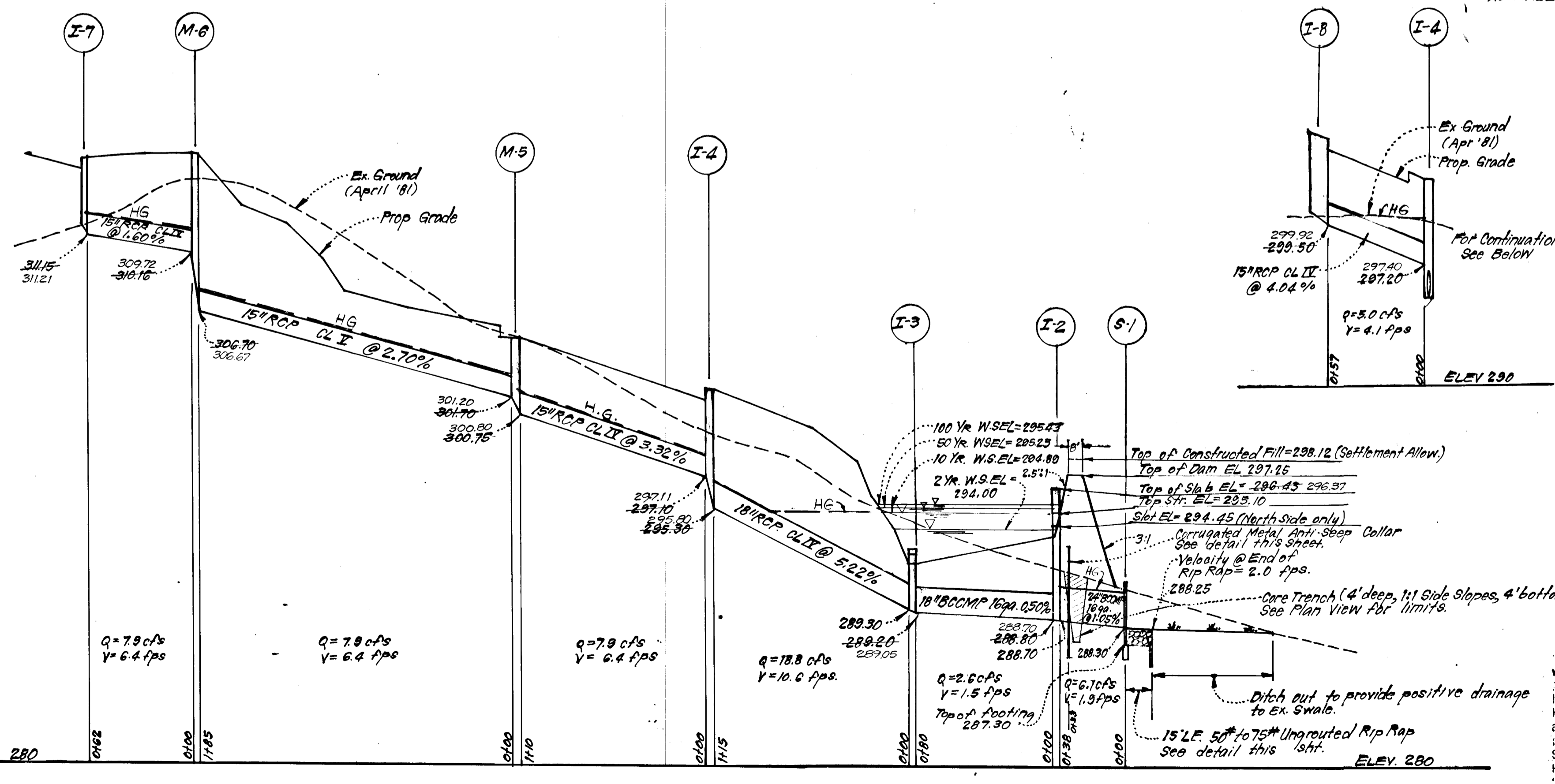
1. All materials to be in accordance with construction and construction material specifications.
2. When specified on the plans coating of collars shall be in accordance with construction and construction material specifications.
3. Unassembled collars shall be marked by painting or tagging to identify matching pairs.
4. The lap between the two half sections and between the pipe and connecting band shall be caulked with asphalt mastic at time of installation.
5. Each collar shall be furnished with two 1/2" dia rods with std. tank lugs for connecting collars to pipe.

STRUCTURE SCHEDULE									
No	TYPE	INV IN	INV OUT	TOP ELEVATION	REMARKS	LOCATION			
				Upper Lower					
S-1	C-Endwall	288.30	288.30	290.00	Ho. Co. Std. SD 5.21	See Plan			
S-2	B-Manhole	288.80	288.70	296.37 *	Ho. Co. Std. SD 5.03** 48"sq.	See Plan			
I-3	C-Inlet	289.30	289.20	293.30 292.83	Ho. Co. Std. SD 4.11	See Plan			
I-4	A-1 Inlet	291.10	285.30	302.19 302.21	Ho. Co. Std. SD 4.02**	See Plan			
M-5	B-Manhole	302.2	301.70	305.10 305.20	Ho. Co. Std. SD 3.03 48"sq.	See Plan			
M-6	A-1 Manhole	310.16	306.20	315.78 316.00	Ho. Co. Std. SD 3.01	See Plan			
I-7	A-1 Inlet	309.72	311.10	315.74 315.72 304.25	Ho. Co. Std. SD 4.02 W=2'6"	See Plan			
I-8	A-10 Inlet W/Deflect	-	299.50	305.01 304.65	Ho. Co. Std. SD 4.02 W=2'6"	Lower End LCP Slo. 11.72.72			

* See Special Details of this sheet. Structure to be plain Class "A" Concrete poured in place.
** See grating detail, this sheet.
+ See Ho. Co. Std. Dwg. SD/4.83 for deflector details.

PIPE SCHEDULE		
SIZE	TYPE	LENGTH
15"	RCP CL IX	29' LF
15"	RCP CL IX	18' LF
18"	RCP CL IX	115' LF
18"	BCCMP 16 gauge	80' LF
24"	BCCMP 16 gauge	38' LF

* 24" x 1/2" corrugations
** 15' VISION



These plans for small pond construction, and similar work, are not intended to be used for the construction of any structure, or for any other purpose, without the approval of the Engineer of Public Works, Howard County, Maryland.

Approved: *Robert J. Sackett* 2-3-91
Engineer of Public Works

These plans have been reviewed for the purpose of determining whether or not they conform to the requirements for small pond construction, and similar work, and are approved for construction under the provisions of the Howard County Ordinance, Chapter 21, Section 21-101, which requires that all such structures be constructed in accordance with the provisions of this Ordinance.

Approved: *Robert J. Sackett* 2-3-91
Engineer of Public Works

DEVELOPER'S CERTIFICATE

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 County Conservation District or their authorized agents as provided herein. I warrant that the plans will not be filed, unless authorized by the Howard County Conservation District. I will provide the Howard County Conservation District with a red line "as built" of the pond within 30 days of completion.

Signature of Developer: *Walter E. Woodford* 2-29-91
Date

ENGINEER'S CERTIFICATE

I certify that this plan for pond construction, erosion, and sediment control complies with the applicable provisions of the Howard County Ordinance, Chapter 21, Section 21-101, and that the plans are in accordance with the requirements of this Ordinance. I have certified the general design and construction of the pond and construction district will accept the pond as part of the pond within 30 days of completion.

Signature of Engineer: *G. Nelson Clark* 2-29-91
Date



APPROVED: Department of Public Works

Robert J. Sackett 2/10/91
Chief, Bureau of Engineering

APPROVED: Howard County Office of Planning and Zoning

Robert J. Sackett 2-29-91
Chief, Division of Land Development and Zoning Administration

CLARK • FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS

DESIGNED: R.J.S.
DRAWN: K.I.W.
CHECKED: R.J.S.
DATE: 5-27-81

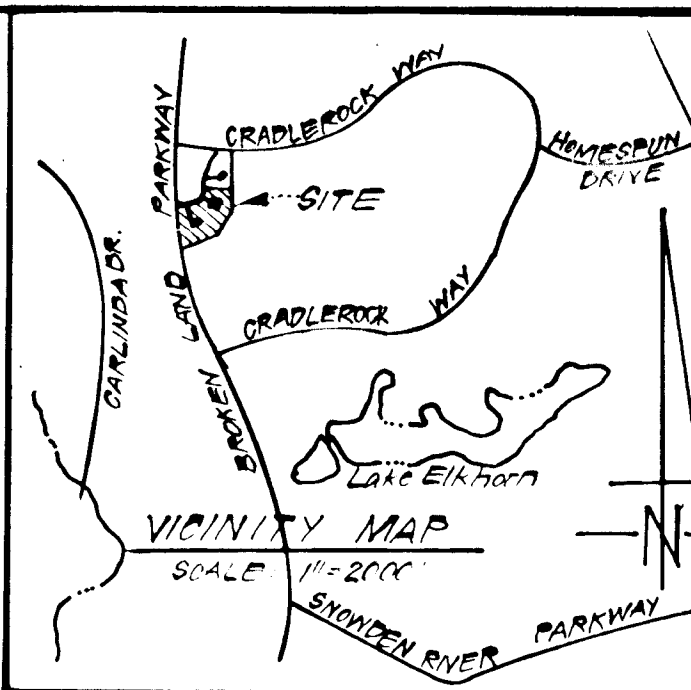
SCALE: AS SHOWN
DRAWING: 30F5
JOB NO: 81-030
FILE NO: 81-030-D

FOR: The Howard Research & Development Corp.
The Reuse Company Building
Columbia, Md. 21044

AS-BUILT JAN. 4, 1993

LEGEND:

1. Existing Contour (2.7 Interval) - - - - -
2. Proposed Contour - - - - -
3. Proposed Storm Drain - - - - -
4. Perimeter Dike - - - - -
5. Stone Filter Inlet Protection
6. Straw Bale Dike or Silt Fence



STORM WATER MANAGEMENT POND NOTES

CONCRETE:
A. MATERIALS:
 a. Cement: Normal Portland Cement shall conform to the latest ASTM Spec. C-150.
 b. Water: The water used in concrete shall be clean, free from oil, acid, alkali, scales, organic matter or other objectionable substances.
 c. Sand: The sand used in concrete shall be clean, hard, strong and durable, and shall be well graded with 100 percent passing a one-quarter inch sieve. Lime stone sand shall not be used.
 d. Course Aggregate: The coarse aggregate shall be clean, hard, strong and durable, and free from clay or dirt. It shall be well graded with a maximum size of one and one half (1 1/2) inches.
 e. Reinforcing Steel: The reinforcing steel shall be deformed bars of intermediate grade billet steel or rail steel conforming to ASTM Specification A-615.

B. DESIGN MIX:
 The concrete shall be mixed in the following proportions, measured by weight. The water-cement ratio shall be 5/16 U.S. gallons of water per 94 pound bag of cement. The proportion of materials for the first mix shall be 1:2:3 1/2. The combination of aggregates may be adjusted to produce a plastic and workable mix that will not produce harshness in placing or honeycombing in the structure.

C. MIXING:
 The concrete ingredients shall be mixed in batch mixers until the mixture is homogeneous and of uniform consistency. The mixing of each batch shall continue for not less than 1 1/2 minutes after all the ingredients, except the full amount of water, are in the mixer. The minimum mixing time is predicated on proper control of the speed of rotation of the mixer and of the introduction of the materials, including water, into the mixer. Water shall be added prior to, during, and following the mixer-charging operations. Excessive overmixing requiring the addition of water to preserve the required concrete consistency shall not be permitted. Truck mixing will be allowed provided that the use of this method shall cause no violation of any applicable provisions of the specs. given here.

D. FORMS:
 a. The forms shall have sufficient strength and rigidity to hold the concrete and to withstand the necessary pressure, tamping, and vibration without deflection from the prescribed lines. They shall be mortar-tight and constructed so that they can be removed without hammering or prying against the concrete.
 b. The inside of forms shall be oiled with a non-staining mineral oiler thoroughly wetted before concrete is placed.
 c. Forms may be removed 24 hrs. after the placement of concrete. All wire ties and other devices used shall be recessed from the surface of the concrete.

E. REINFORCING STEEL:
 All reinforcing material shall be free of dirt, rust, scale, oil, paint or any other coatings. The steel shall be accurately placed and securely tied and blocked into position so that no movement of the steel will occur during placement of concrete.

F. CONSOLIDATING:
 Concrete shall be consolidated with internal type mechanical vibrators. Vibration shall be supplemented by spading and hand tamping as necessary to insure compact and dense concrete along form surfaces, in corners, and around embedded items.

G. FINISHING:
 Defective concrete, honey combed areas, voids left by the removal of the rods, ridges on all concrete surfaces permanently exposed to view or exposed to water on the finished structure shall be repaired immediately after the removal of forms. All voids shall be reamed and completely filled with dry-patching mortar.

H. PROTECTION AND CURING:
 Exposed surfaces of concrete shall be protected from the direct rays of the sun for at least the first 3 days. All concrete shall be kept continuously moist for at least ten (10) days after being placed. Moisture may be applied by spraying or sprinkling as necessary to prevent the concrete from drying. Concrete shall not be exposed to freezing during the curing period. Curing compounds may also be used.

I. PLACING TEMPERATURE:
 Concrete may not be placed at temperatures below 37°F with the temperature falling, or 38°F with the temperature rising.

II. STABILIZATION:
 All borrow areas shall be graded to provide proper drainage and left in a slightly condition. All exposed surfaces of the embankment, spillway, spill and borrow areas, and berms shall be stabilized by seeding, fertilizing and mulching (if required) in accordance with the vegetative treatment specifications shown on or accompanying the drawings.

III. SITE PREPARATION:
 a. Areas under the borrow areas, embankment, and structural works shall be cleared, grubbed and the forest stripped to remove all trees, vegetation, roots or other objectionable material.
 b. Channels, banks and storm areas shall be sloped to a steeper than 1:1.
 c. Areas covered by the pond or reservoir will be cleared of all trees, brush, logs, stumps, rubbish and other objectionable material unless otherwise designated on the plans. Trees, brush and stumps shall be cut approximately level with the ground surface.
 d. All cleared and grubbed material shall be disposed of outside the limits of the dam and reservoir as directed by the owner or his representative. When specified, a sufficient quantity of topsoil will be stockpiled in a suitable location for use on the embankment and other designated areas.

IV. EARTH FILL:
 a. MATERIAL: The fill material shall be taken from approved designated borrow area or areas. It shall be free of roots, stumps, wood rubbish, over-size stones, frozen or other objectionable materials. The embankment shall be constructed to an elevation which provides for anticipated settlement to the design elevation. The fill height all along the length of the embankment shall be increased above the design elevation (including freeboard) as shown on the plans.
 b. PLACEMENT: Areas on which fill is to be placed shall be scarified prior to placement of fill. Fill materials shall be placed in 8" max. thickness (before compaction) layers which are to be continuous over the entire length of the fill. The most porous borrow material shall be placed in the downslope portions of the embankment.

V. COMPACTION: The movement of the hauling and spreading equipment over the fill shall be controlled so that the entire surface of each lift shall be traversed by not less than one tread track of the equipment or compaction shall be achieved by a minimum of four complete passes of a sheepsfoot, rubber tired or vibratory roller. Fill material shall contain sufficient moisture such that the required degree of compaction can be obtained with the equipment used.

VI. CUTOFF TRENCH: Where specified, a cutoff trench shall be excavated along or parallel to the centerline of the embankment as shown on the plans. The bottom width of the trench shall be governed by the equipment used for excavation, with the minimum width being four feet. The depth shall be at least four feet or as shown on the plans. The side slopes of the trench shall be 1:1 or flatter. The backfill material for the cutoff trench shall be the most impervious material available onsite and shall be compacted with equipment or rollers to assure maximum density and minimum permeability.

VII. STRUCTURAL BACKFILL:
 Backfill material shall be of the type and quality conforming to that specified for the retaining fill material. The fill shall be placed in horizontal layers not to exceed four inches in thickness and compacted by hand tampers or other compaction equipment. The material needs to fill completely all spaces under and adjacent to the pipe. At no time during the backfilling operation shall driven equipment be allowed to operate closer than four feet, measured horizontally, to any part of a structure. Under no circumstances shall the contractor drive equipment over any part of a concrete structure or pipe unless there is a compacted fill of twenty-four inches or greater over the structure or pipe.

VIII. PIPE CONDUITS:
A. CORRUGATED METAL PIPE:
 Materials: (Steel Pipe) This pipe and its appurtenances shall be galvanized and fully bituminous coated and shall conform to the requirements of AASHTO Specification M-190 Type A with watertight coupling bands. Any bituminous coating damaged or otherwise removed shall be replaced with cold applied bituminous coating compound.
 Materials: (Aluminum Pipe) This pipe and its appurtenances shall conform to the requirements of AASHTO Specification M-190 or M-211 with watertight couplings bands. Coupling bands, anti-seep collars, end sections, etc. must be composed of the same material as the pipe. Metals must be insulated from dissimilar materials with use of rubber or plastic insulating materials at least 24 mils in thickness. Aluminum surfaces that are to be in contact with concrete shall be painted with one coat of zinc chromate primer. Hot dip galvanize bolts may be used for connections. The pH of the surrounding soils shall be less than 9 and greater than 4.
 Additionally corrugated pipe in addition to the requirements above shall have either continuously welded seams or have lock seams which are caulked during fabrication with a neoprene based connections. All connections with pipes must be completely watertight. The joint pipe or barrel connection to the riser shall be welded all around when the pipe and riser are metal. Watertight coupling bands shall be used at all joints. Anti seep collars shall be connected to the pipe in such a manner as to be completely watertight.
 Bedding: The pipe shall be firmly and uniformly bedded throughout its entire length. Where rock or soft, springy or other unstable soil is encountered, all such material shall be removed and replaced with suitable earth compacted to provide adequate support.
 Laying Pipe: The pipe shall be placed with inside circumferential laps pointing downstream and with the longitudinal laps at the sides.
 Backfilling shall conform to structural backfill as shown above.
 Other details (anti-seep collars, valves, etc.) shall be as shown on the drawing.



These plans for small pond construction, soil erosion and sediment control meet the requirements of the Howard Soil Conservation District.
 Approved: *Robert W. Ziehm* 9-3-81
 Howard Soil Conservation District
 District Engineer

(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.)
 Approved: *James M. Allen* 9-3-81
 District Engineer

DEVELOPER'S CERTIFICATE
 "I certify that all development and/or construction will be done according to these plans of development, and 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: *Walter E. Woodford* 7-29-81

ENGINEER'S 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 must provide the Howard Soil Conservation District with a red-lined "as built" of the pond within 30 days of completion."
 Signature of Engineer: *G. Nelson Clark* 7-29-81

CONVERSION NOTES FOR S&E TRAP AT STR #I-2
 1. Pumps all standing water from trap.
 2. Remove all sediment and dispose of same so as not to generate sediment off site.
 3. Immediately stabilize trap area and remove blocking at Str. No. I-3.

TRAP AT STR I-2, I-3
 DA = 6.9 Acres
 Storage Required = 12,480 cfs
 Storage Provided = 35,475 cfs
 Str. # I-2 Crest Elev = 295.27 (Emergency Overflow)
 Bottom Elevation = 292.00

APPROVED: Department of Public Works
Robert W. Ziehm 9/10/81
 District Engineer
 APPROVED: *Howard County Office of Planning and Zoning*
John M. Muschman 9-4-81
 District Engineer

CLARK • FINEFROCK & SACKETT
 ENGINEERS • PLANNERS • SURVEYORS
 11314 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593-3400

DESIGNED	RJS	SCALE	1"=50'
DRAWN	RJS	DRAWING	81-030
CHECKED	RJS	JOB NO.	81-030-D
DATE	5-27-1981	FILE NO.	81-030-D

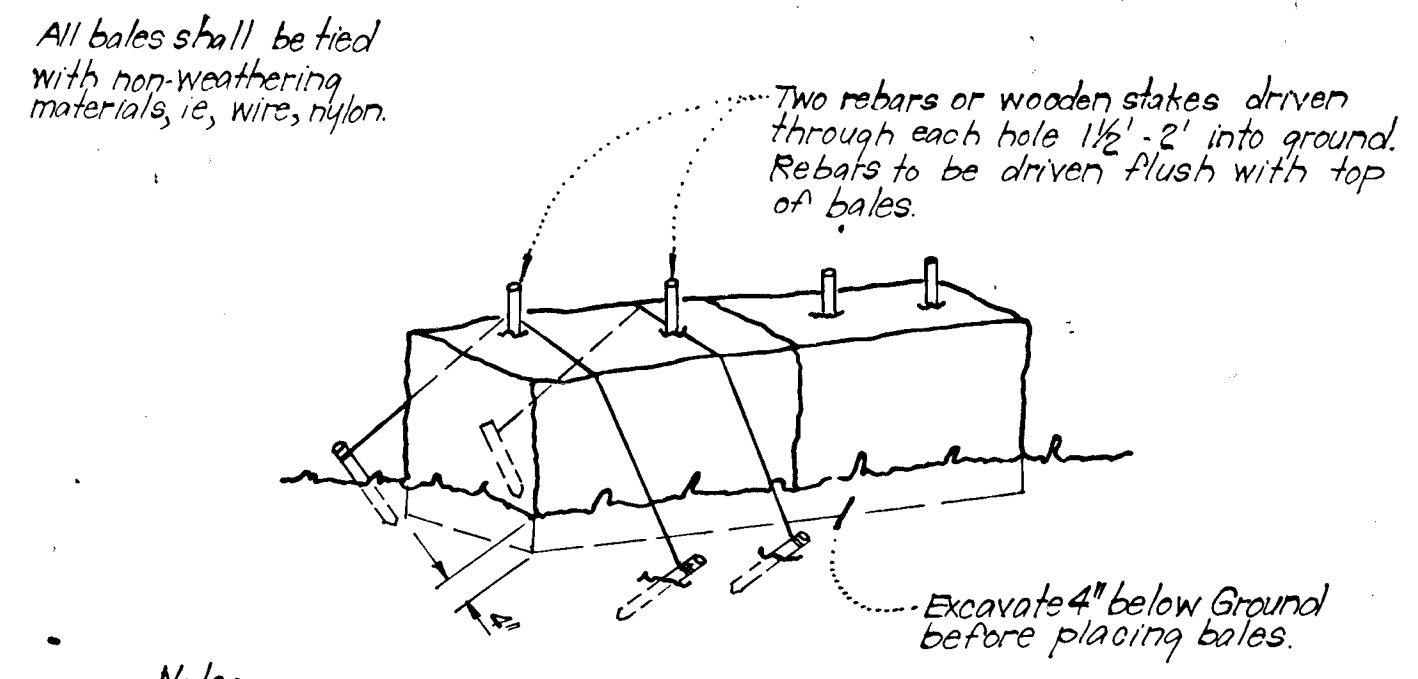
ROAD CONSTRUCTION PLANS
SEDIMENT EROSION CONTROL PLANS & DRAINAGE AREA MAP
A RESUBDIVISION OF LOT B-73
COLUMBIA
 VILLAGE OF OWEN AREA
 SECTION 1, AREA 1
 HOWARD COUNTY, MARYLAND
 FOR: The Howard Research & Development Corp.
 Columbia, Maryland 21044

GENERAL NOTES

- Grading Permits shall be obtained prior to installation of Sediment Control & Grading.
- All Sediment and Erosion Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing or disturbance of the existing surface of the site. See note #6 for stabilization except that the seed mixture will be annual rye applied at a rate of 1.4 lbs/1000 sq ft.
- Notify the Bureau of Inspections and Permits at least 24 hrs before starting any work.
- All Sediment Control Practices to conform to the "Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas" and shall be adjusted to meet actual field conditions.
- Stabilization of Disturbed ground to be done as soon after construction as possible.
- All disturbed area to be stabilized in accordance with the following Specifications:
 - Seed - certified 85% germination applied at the rate of 5 lbs/1000 sq ft. Mixture - 40% Kentucky Blue, 20% Chewing Fescue, 20% Kentucky 31 and 20% annual rye.
 - Fertilizer - 10-10-10 applied at a rate of 23 lbs/1000 sq ft. Ground Agricultural Lime or Dolomitic Lime applied at a rate of 30 lbs/1000 sq ft.
 - Mulch - Weed free grain straw applied at a rate of 70-90 lbs/1000 sq ft. Mulch shall be secured to the ground by any approved method i.e. asphalt tacks, chemical binder, etc.
 - All Seed used shall be Maryland State Certified.
- All Structural Sediment Control Measures are to remain in place until permission for their removal has been obtained from the Bureau of Inspections and Permits.
- On-site Inspection and Maintenance of all Sediment Control Measures including clean out of Sediment Traps and dikes, and proper establishment of all planned vegetative measures will be the responsibility of the developer or his representative on the site, on a continuing day to day basis.
- It will be the developers responsibility to provide additional Sediment & Erosion Control Devices to protect stabilized areas during construction.
- The Contractor shall keep all public roads free of sediment deposits left from traffic leaving construction site.
- Approval of this plan is conditional upon the approval of Sediment Control Plan for the off-site Waste or borrow area prior to the import of any borrow or export of waste to or from this site.
- SITE ANALYSIS:

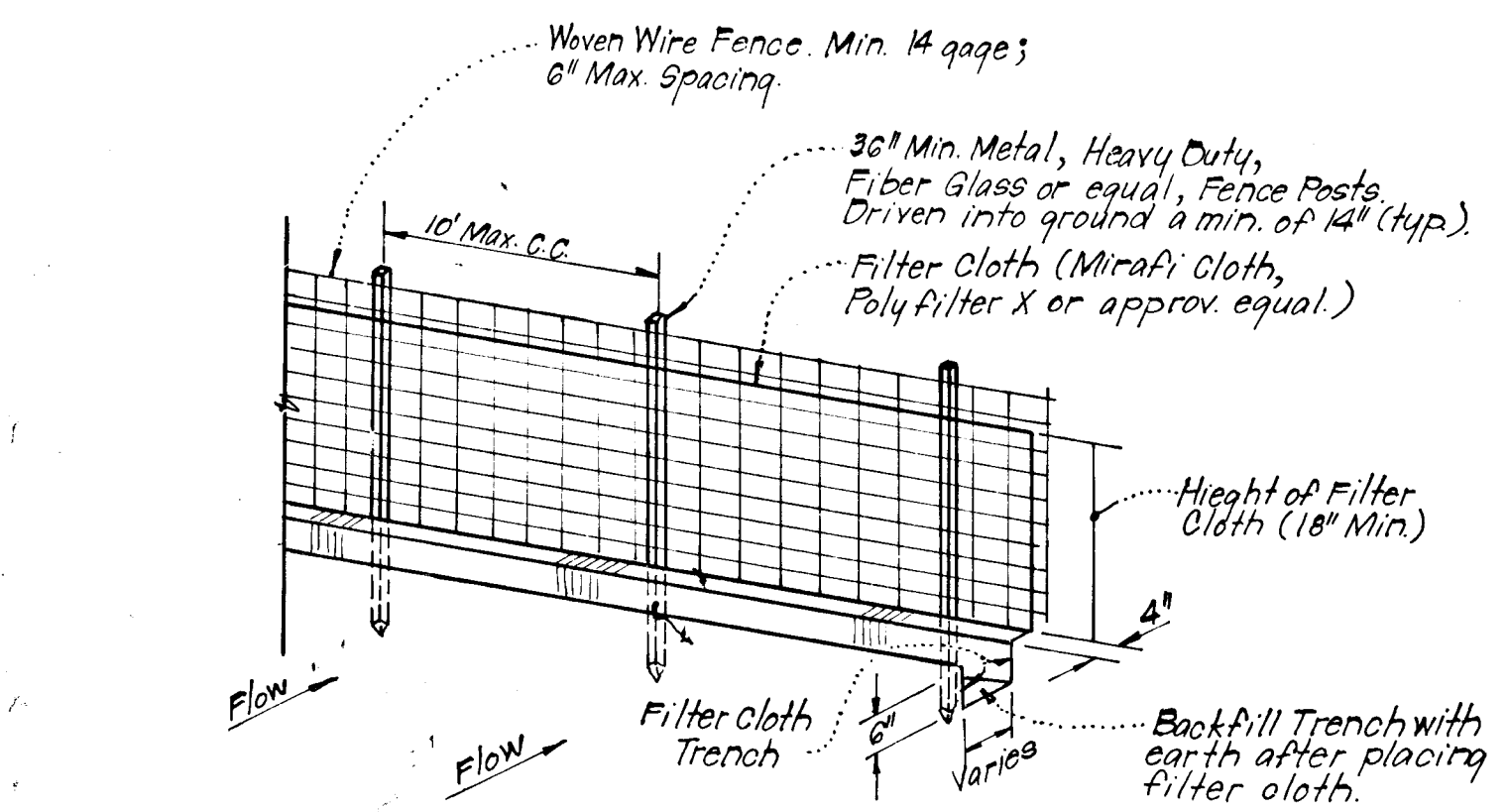
A. TOTAL AREA:	7.68 Acres
B. AREA TO BE PAVED:	1.54 Acres
C. AREA TO BE SEEDED:	1.26 Acres
D. AREA UNDISTURBED:	4.88 Acres
- CONSTRUCTION SEQUENCE:
 - Install Stabilized Construction Entrance on Quiet Hours.
 - Install Storm Drainage, S-1 to I-4 and Construct SWM Basin / Sediment Trap.
 - Provide S.F.I.P. at I-4 and protect I-3 in accordance with plan.
 - Install all Perimeter Dikes.
 - Rough grade road ways.
 - Complete Storm Drains & Install S.F.I.P.'s.
 - Final Grade and stabilize in accordance with note #6. See special notes for Conversion of Sediment Erosion Control Trap @ I-3 to permanent Storm Water Management Facility, sht 4 of 5.

Note: Continuous Sediment Control shall be provided especially during storm drain construction in area of str. S-1, I-2 & I-3 and connecting pipe.



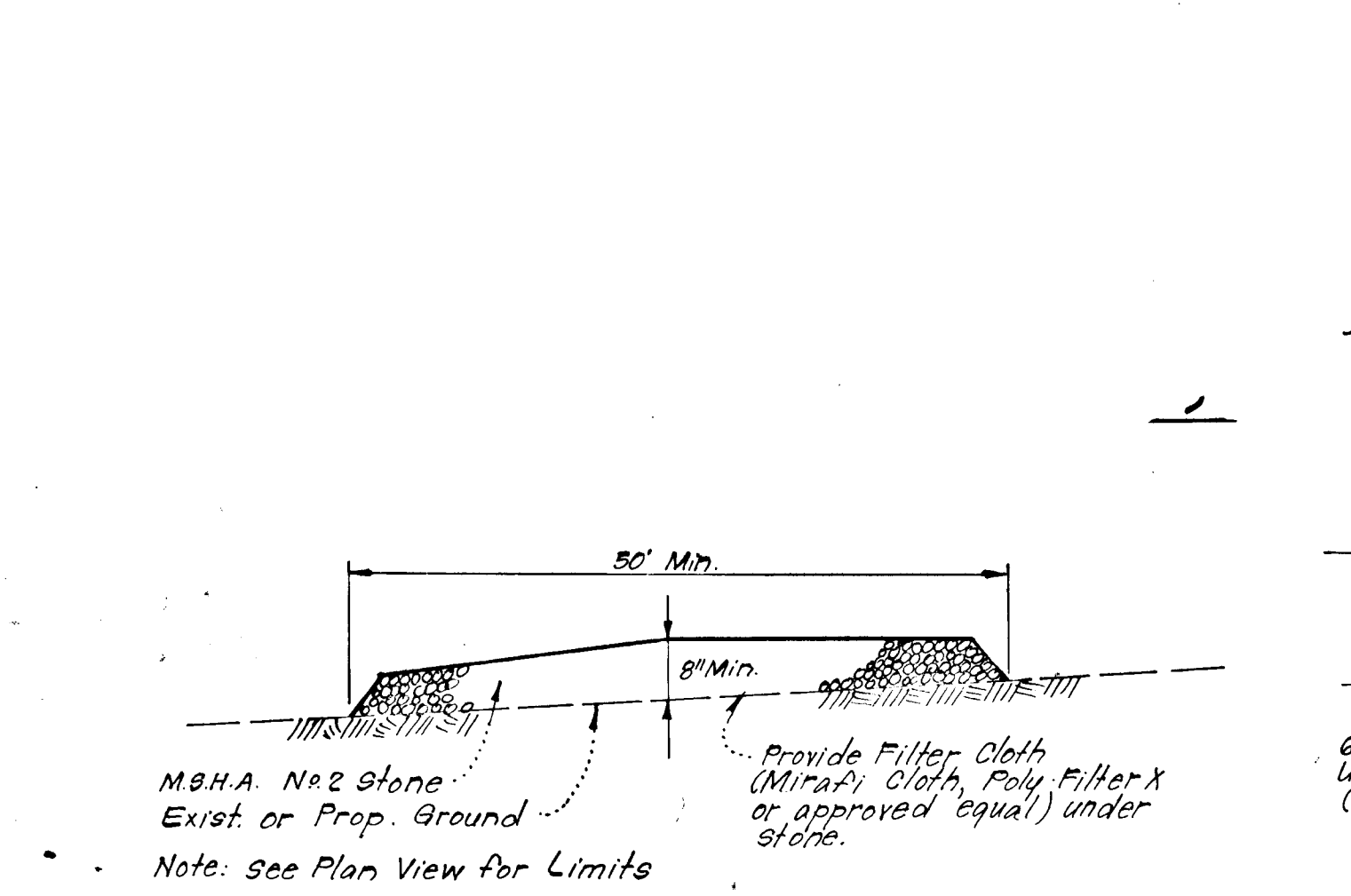
Note:
1. In lieu of the use of rebar each straw bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above).

TYPICAL STRAW BALE DIKE DETAIL (S.B.D.)
No Scale



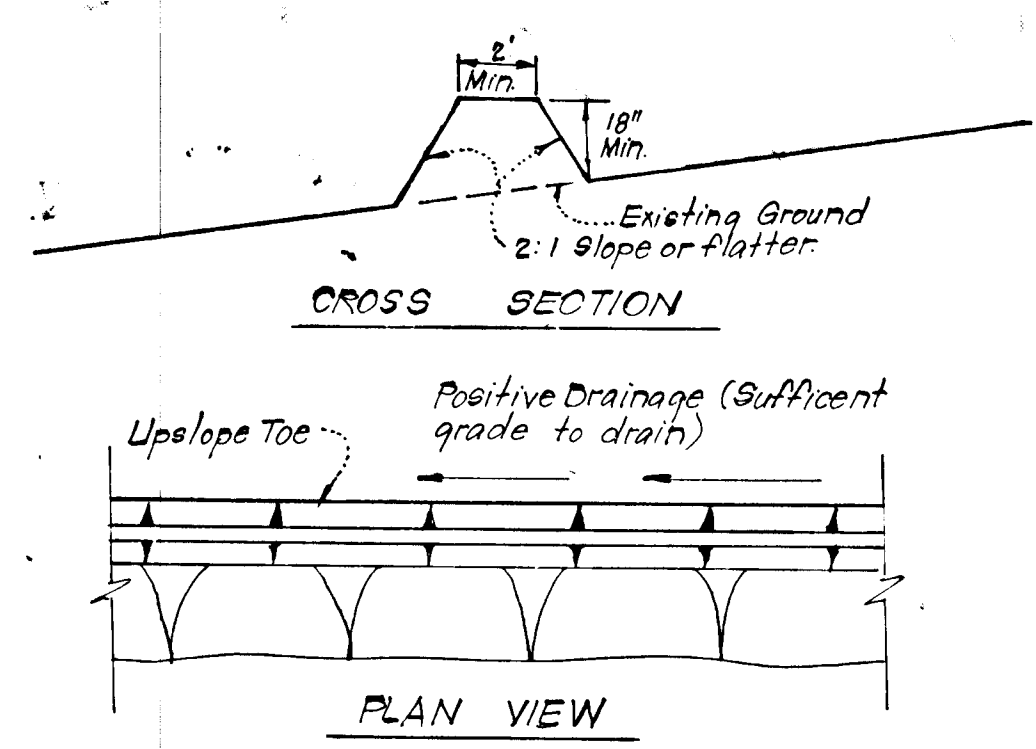
Notes:
1. Woven Wire Fence to be fastened securely to fence posts by use of wire ties.
2. Filter Cloth to be fastened securely to Woven Wire, by use of wire ties spaced every 24"x24"

TYPICAL SILT FENCE DETAIL (S.F.)
No Scale

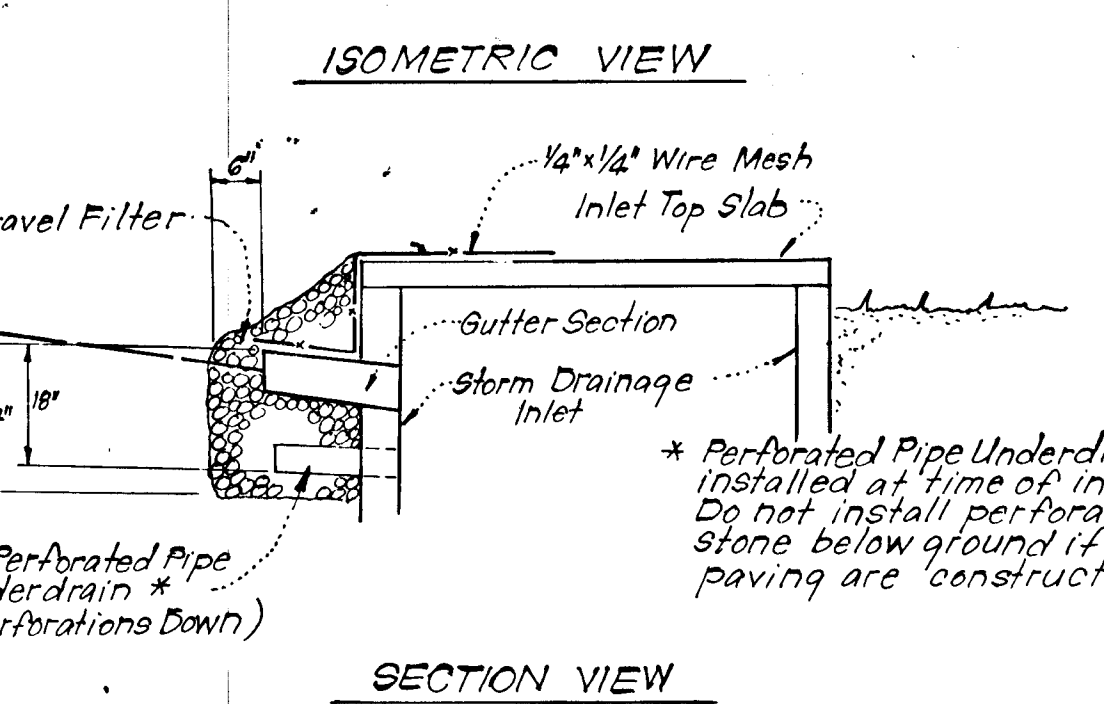
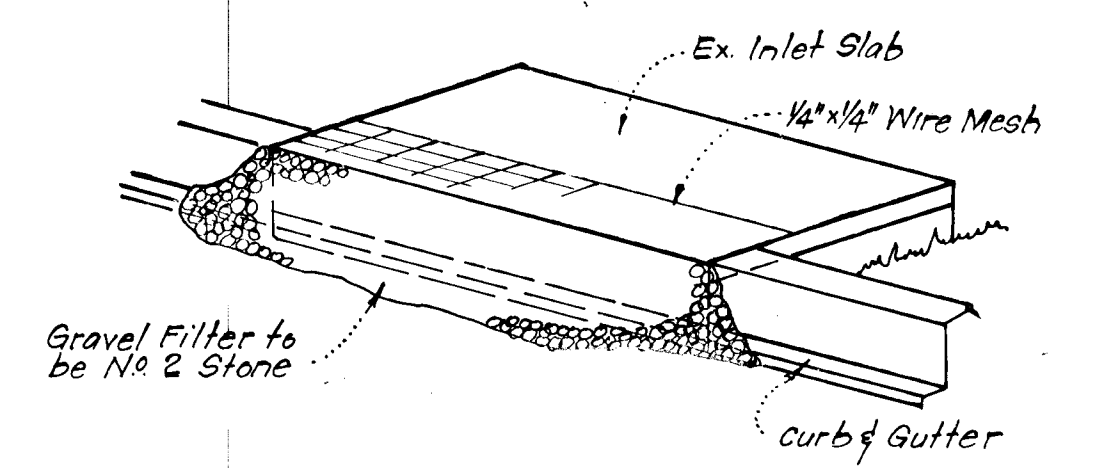


STABILIZED CONSTRUCTION ENTRANCE
No Scale

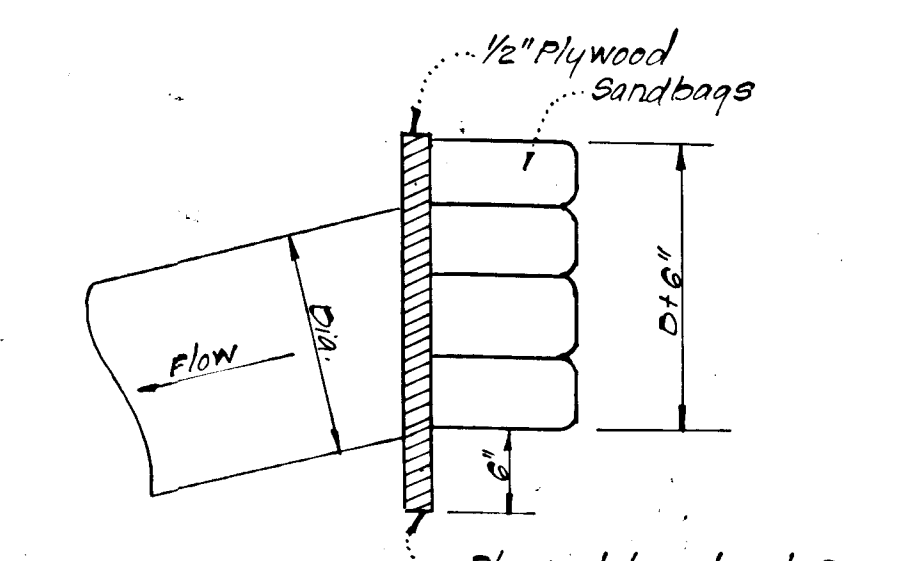
#161



TYPICAL PERIMETER DIKE DETAIL (P.D.)
No Scale



STONE FILTER INLET PROTECTION (S.F.I.P.)
No Scale



PIPE BLOCKING DETAIL
No Scale

Reviewed for Howard S.C.D. Name
and meets Technical Requirements
John M. Helm 9-3-81 Date
Signature
U.S. Soil Conservation Service

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

Robert J. Zick 9-3-81 Date
Approved

DEVELOPER'S/BUILDER'S CERTIFICATE

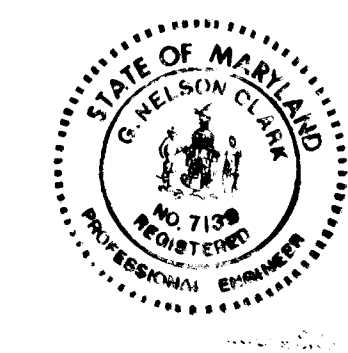
"I hereby certify that all development and construction will be done according to this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Dept. of Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary."

Walter E. Woodford 7-29-81 Date
Signature of Developer/Builder

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 conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

G. Nelson Clark 7-29-81 Date
Signature



APPROVED: Department of Public Works
D. Williams & P. O... 9/10/81 Date
Chief, Bureau of Engineering

APPROVED: Howard County Office of Planning and Zoning
William M. ... 9-1-81 Date
Chief, Division of Land Development and Zoning Administration

CLARK • FINEPROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400

DESIGNED R.J.S.	ROAD CONSTRUCTION PLANS SEDIMENT & EROSION CONTROL PLAN A RESUBDIVISION OF LOT B-73 COLUMBIA VILLAGE OF OWEN BROWN SECTION 1 AREA 1 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE As Shown DRAWING 5 OF 5	
DRAWN K.W.		JOB NO. 81-030	
CHECKED R.J.S.		FILE NO. 81-030-D	
DATE 7-27-81		FOR: The Howard Research & Development Corp. The Rouse Company Building Columbia, Md. 21044	

F-81-132 AS-BUILT JAN. 4, 1983