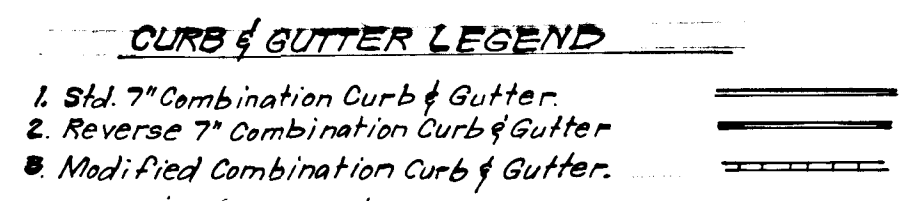


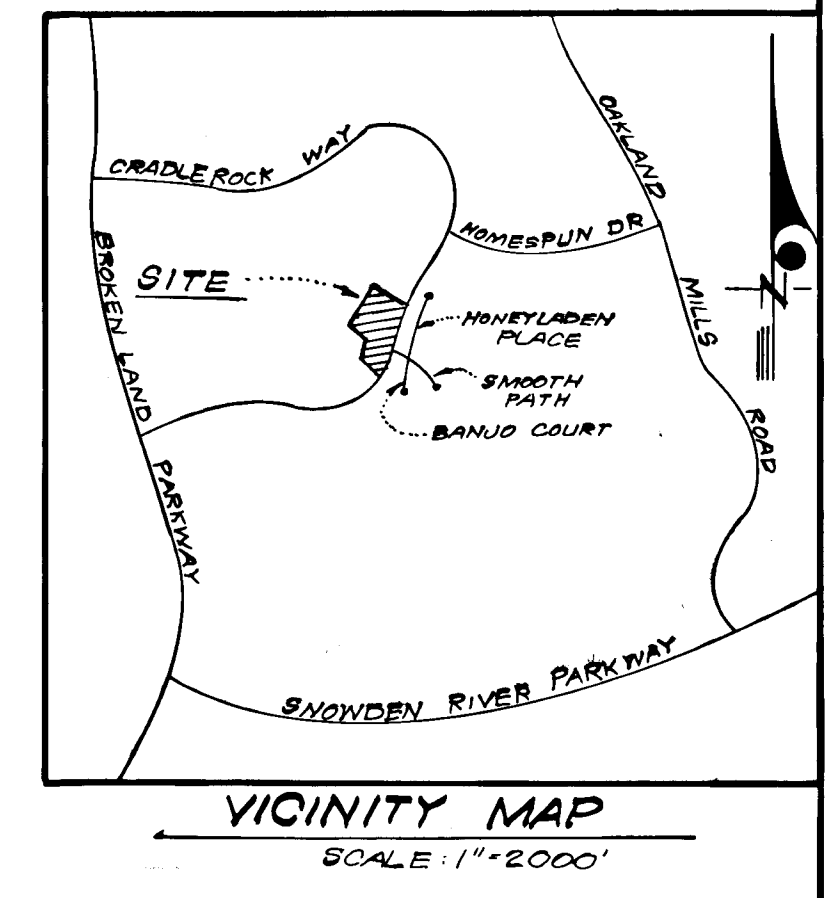
- ### GENERAL NOTES
- All Storm Drain & Paving shall be constructed in accordance with the latest details and specifications of Howard Co. & Md. S.H.A.
  - Types of Storm Drain structures refer to the Standard Details of Howard County & Maryland State Highway Administration.
  - Trench Compaction for Storm Drains within Road or Street Right of Way limits shall be in accordance with the latest Howard Co. Road Code.
  - Information concerning underground utilities was obtained from available records, but the Contractor must determine the exact location and elevation of the mains by digging test pits by hand at all utility crossings, well in advance of construction.
  - All utility companies shall be notified 24 hrs in advance of construction.
  - All traffic control services, parking, and signing, to be done in accordance with the Manual of Uniform Traffic Control Devices, 1971 Edition.
  - Sag and Crest Vertical Curves were designed in accordance with "A Policy on Geometric Design of Rural Highways", 1965, by A.A.S.H.O.
  - Provide Concrete Sidewalk Ramps for the Handicapped in curbs (Max. 12:1 Slope; 4 ft. wide) where shown in plan. See Detail sht. 2 of 5.



PAPER AS-BUILT  
SIGNED MALCOLM HUDKINS  
6/11/79



J. M. Cook  
3-9-78

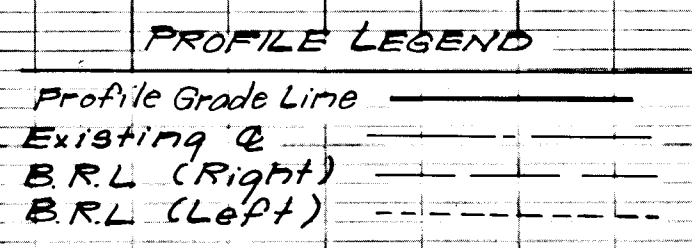
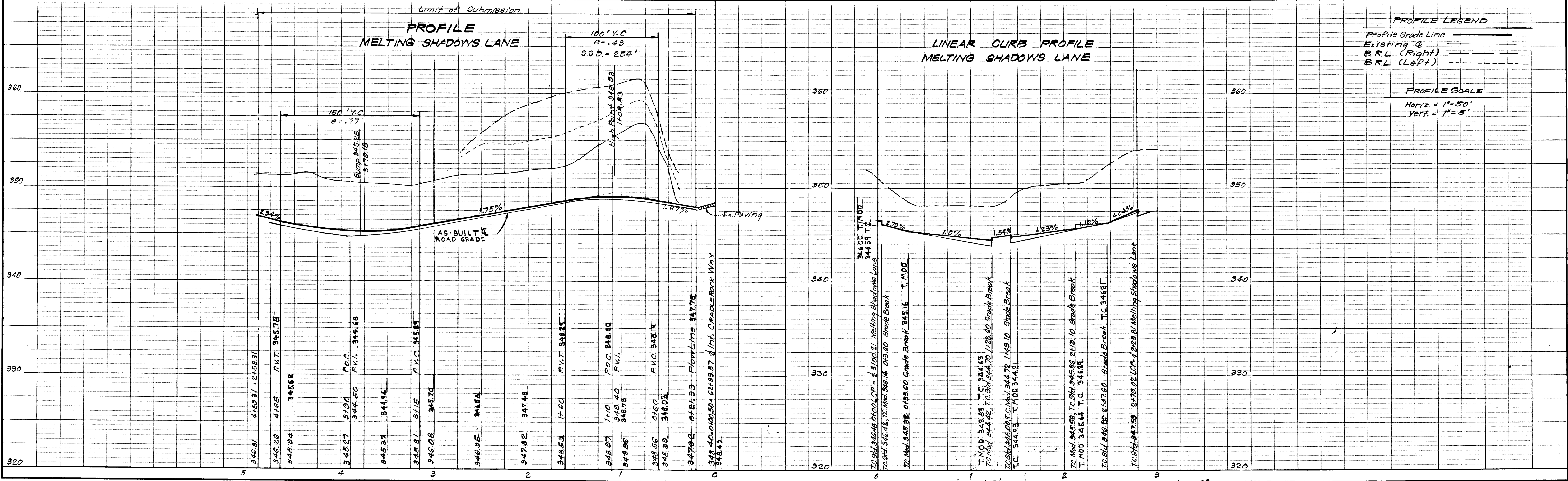


APPROVED: DEPARTMENT OF PUBLIC WORKS  
*W. O. Lambert* 4-26-78  
CHIEF, BUREAU OF ENGINEERING DATE

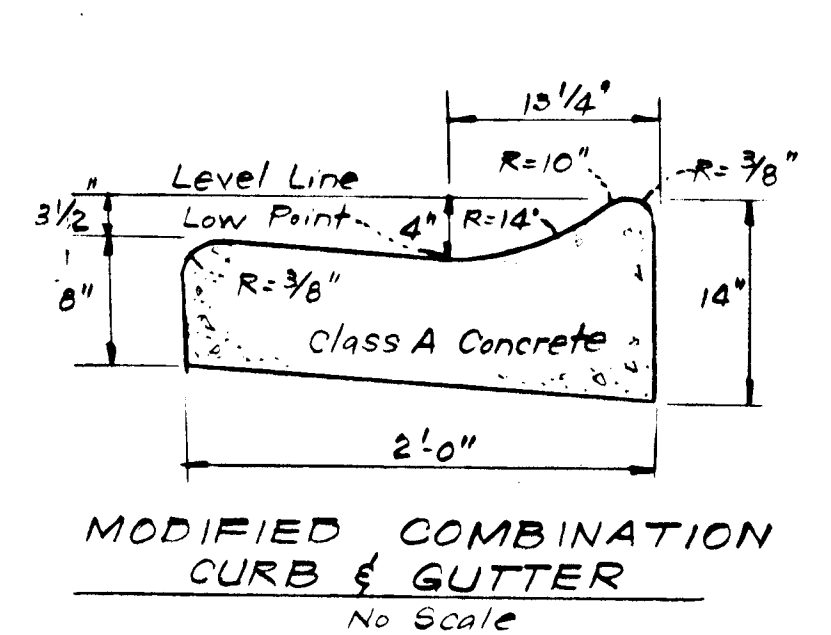
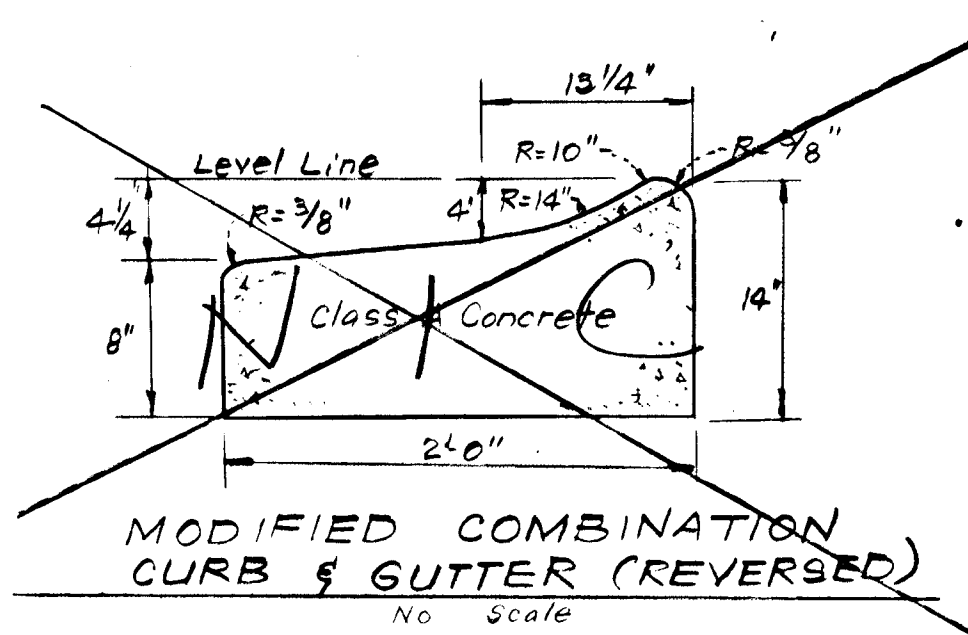
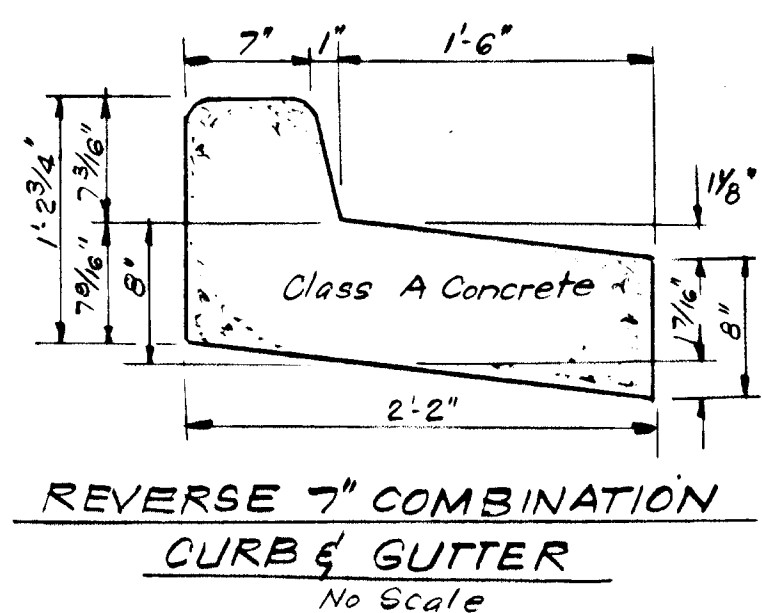
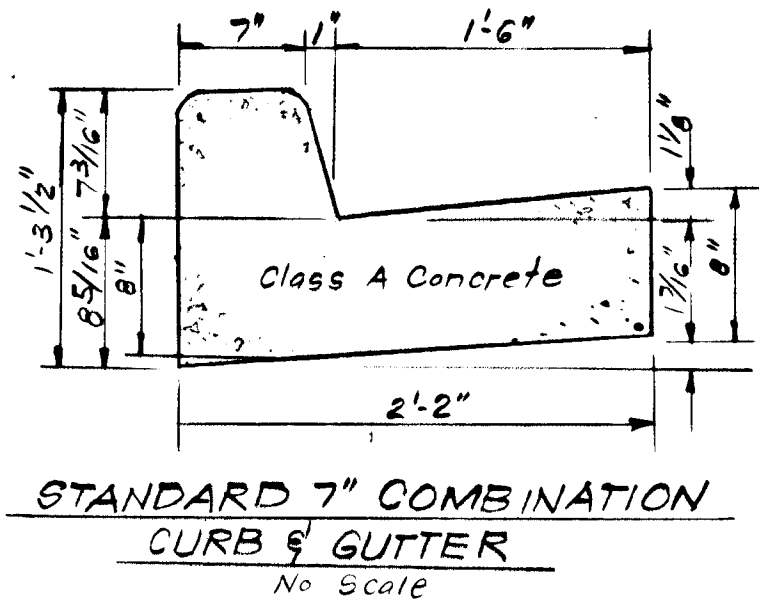
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
*Richard M. ...* 4-21-78  
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

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

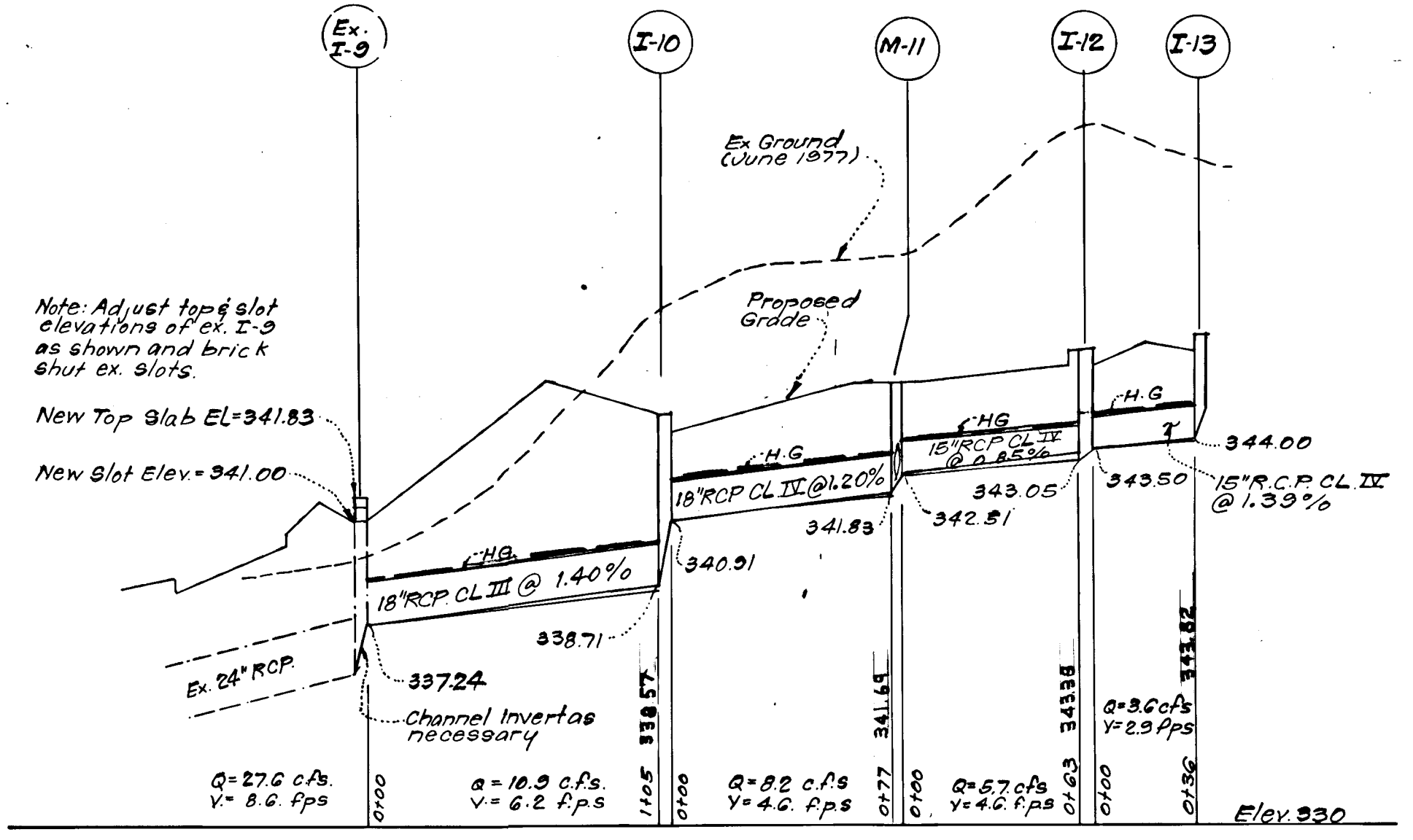
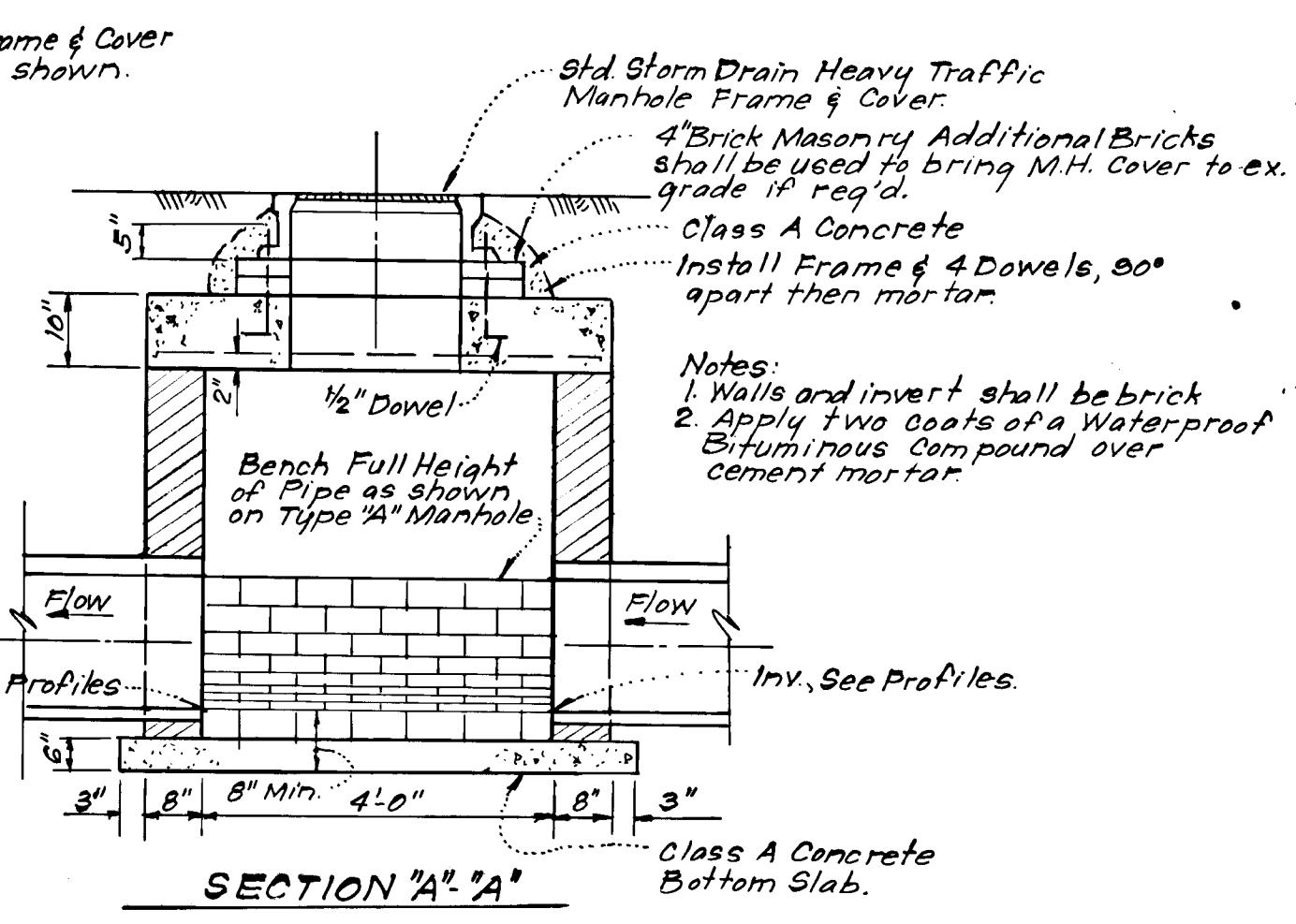
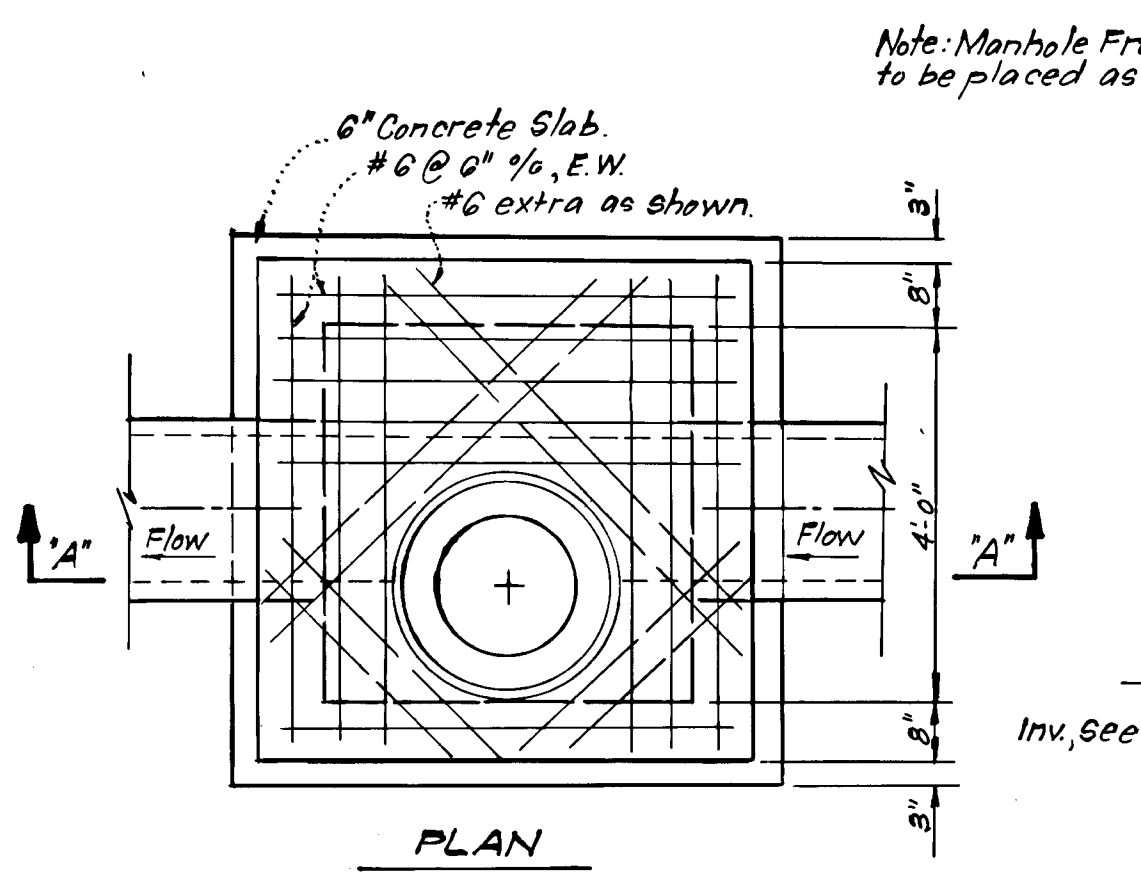
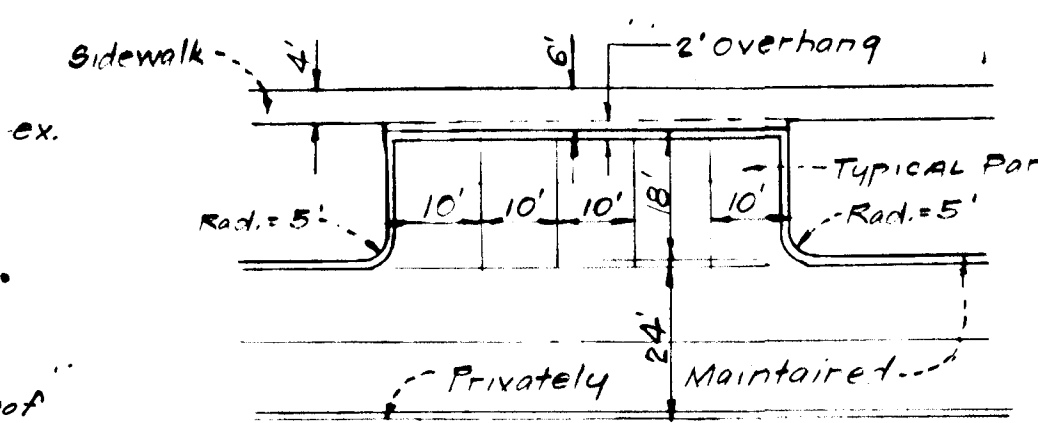
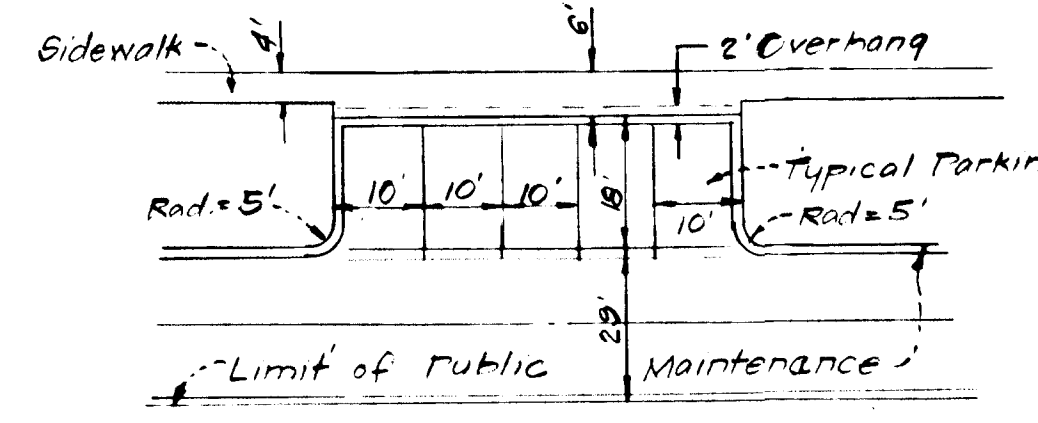
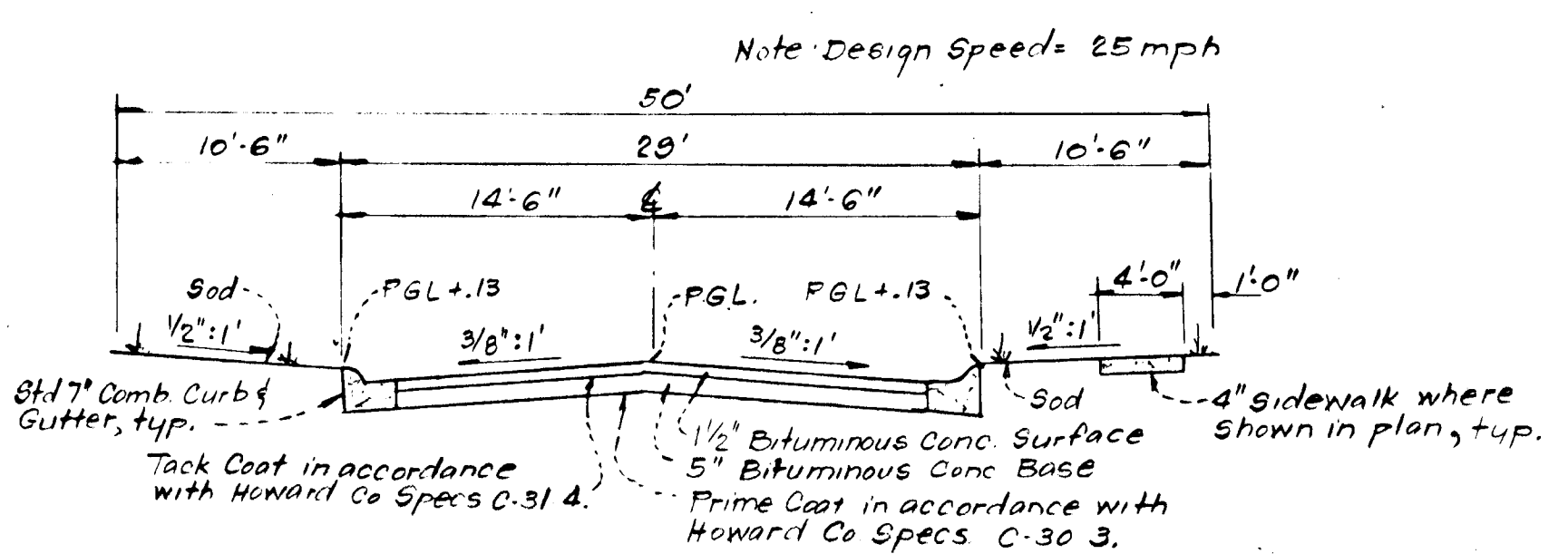
|                    |   |                    |
|--------------------|---|--------------------|
| DESIGNED<br>R.J.S. | ROAD CONSTRUCTION PLANS<br>MELTING SHADOWS LANE & PRIVATE COURTS                                    | SCALE<br>1"=50'    |
| DRAWN<br>K.I.W.    | PARCEL D-3<br><b>COLUMBIA</b>   | DRAWING<br>1 of 5  |
| CHECKED<br>R.J.S.  | VILLAGE OF OWEN BROWN<br>SECTION 1<br>6th ELECTION DISTRICT<br>HOWARD COUNTY, MARYLAND              | FILE NO.<br>1230-D |
| DATE<br>Mar, 1978  | FOR: HOWARD RESEARCH & DEVELOPMENT CORP.<br>The Rouse Company Building<br>Columbia, Maryland, 21044 |                    |



PROFILE SCALE  
Horiz. = 1"=50'  
Vert. = 1"=5'



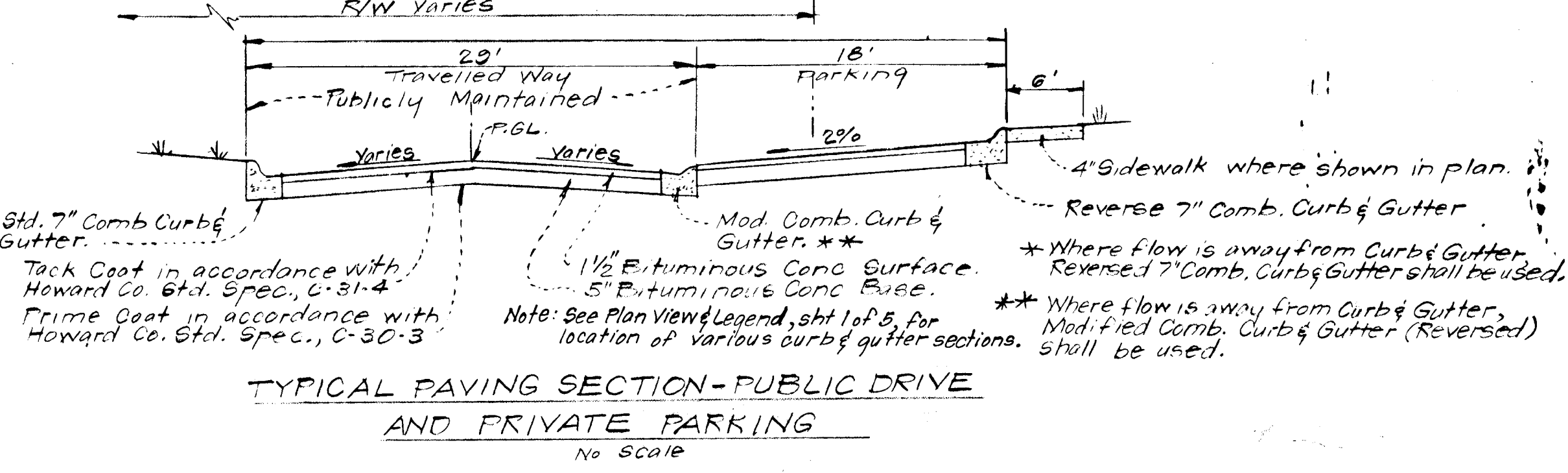
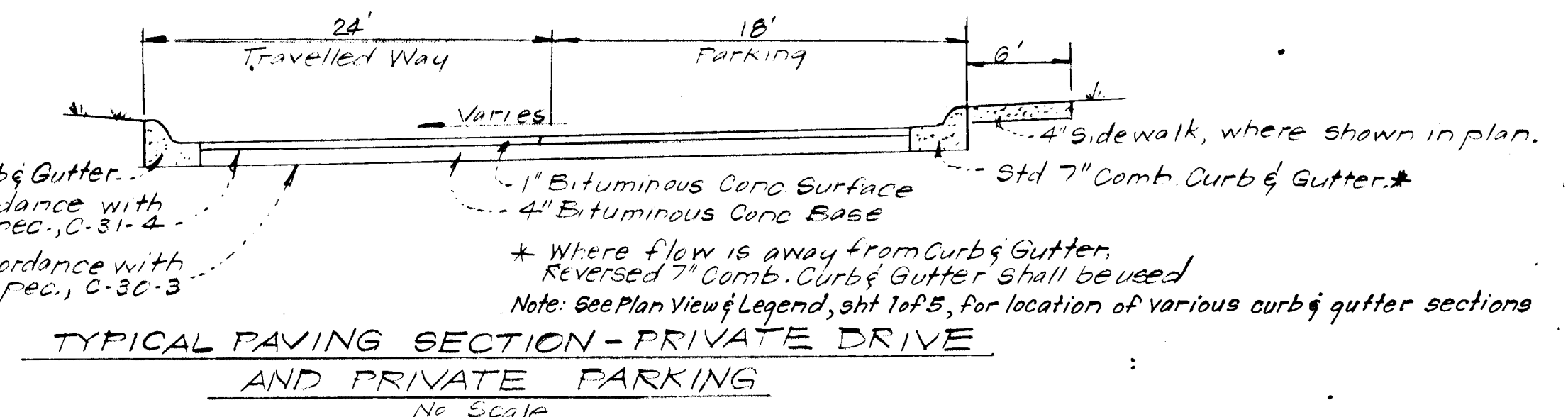
Note: Various Curb & Gutter sections to be used where shown in plan view. See legend sheet 1 of 5.



| STRUCTURE SCHEDULE |             | NO. OF PIPES |          | TOP ELEVATION |        | REMARKS                                | LOCATION                    |
|--------------------|-------------|--------------|----------|---------------|--------|--|-----------------------------|
| NO.                | TYPE        | INV. IN      | INV. OUT | UPPER         | LOWER  |  |                             |
| M-11               | "B" MANHOLE | 342.51       | 341.83   | 345.80        |        | See detail, this sheet                 | See Plan                    |
| I-12               | A-5 INLET   | 349.50       | 349.05   | 347.31        | 347.20 | Howard Co. Std. D-64, Pg. 110-A W-2'6" | Lower Sta. 2+43, 13.02' Lt. |
| I-13               | A-10 INLET  |              | 344.00   | 347.72        | 347.52 | Howard Co. Std. D-64, Pg. 119-A W-2'6" | Upper Sta. 2+13, 13.02' Lt. |
| I-14               | A-10 INLET  |              | 344.50   | 347.80        | 347.60 | Howard Co. Std. D-64, Pg. 119-A W-2'6" | See Plan                    |
| I-10               | A-10 INLET  | 340.91       | 338.71   | 344.74        | 344.74 | Howard Co. Std. D-64, Pg. 119-A W-2'6" | See Plan                    |

\* Provide Inlet deflector. See detail this sheet

| PIPE SCHEDULE |                |          |
|---------------|----------------|----------|
| SIZE          | TYPE           | LENGTH   |
| 15"           | R.O.P. CL. II  | 138 L.F. |
| 18"           | R.O.P. CL. III | 105 L.F. |
| 18"           | R.O.P. CL. IV  | 77 L.F.  |



APPROVED: DEPARTMENT OF PUBLIC WORKS  
*W. J. Sackett* 4-28-78  
 CHIEF, BUREAU OF ENGINEERING  
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
*W. J. Sackett* 4-21-78  
 CHIEF, DIVISION OF LAND DEVELOPMENT

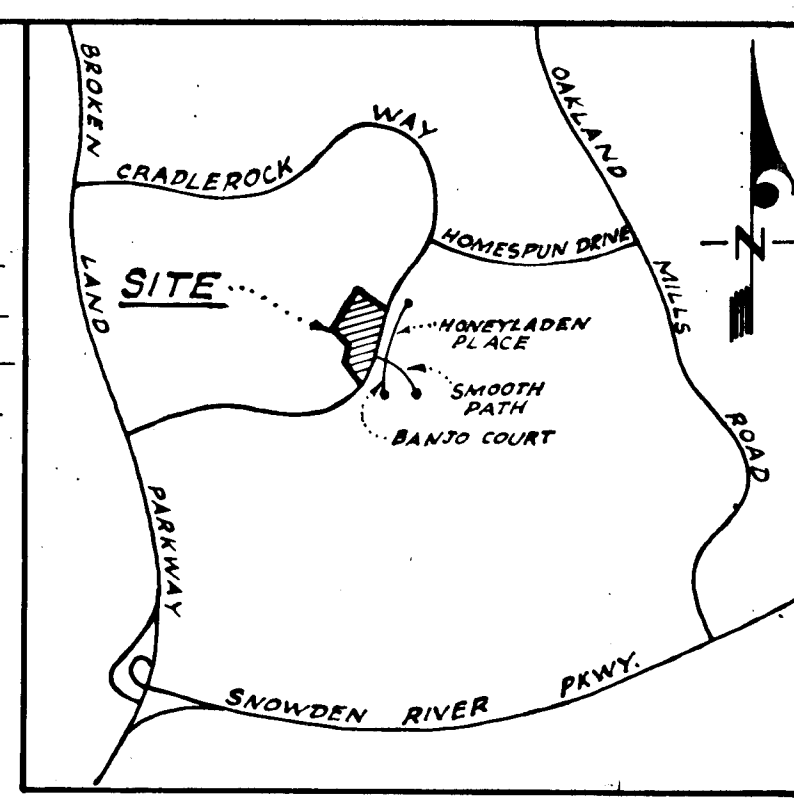
**CLARK • FINEFROCK & SACKETT**  
 ENGINEERS • PLANNERS • SURVEYORS  
 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400

|   |   |                    |
|---|---|--------------------|
| DESIGNED<br>R.J.S.  | <b>ROAD CONSTRUCTION PLANS<br/>         PROFILES AND DETAILS<br/>         PARCEL D-3<br/>         COLUMBIA<br/>         VILLAGE OF OWEN BROWN<br/>         SECTION 1 AREA 1<br/>         6th ELECTION DISTRICT<br/>         HOWARD COUNTY, MARYLAND</b> | SCALE<br>As Shown  |
| DRAWN<br>K.I.W.   |   | DRAWING<br>2 of 5  |
| CHECKED<br>R.J.S.   |   | JOB NO.            |
| DATE<br>Mar, 1978   |   | FILE NO.<br>1230-D |
| FOR: HOWARD RESEARCH & DEVELOPMENT CORP.<br>The Rouse Company Building<br>Columbia, Maryland, 21044 |   |                    |

IRVIN DASHER  
EXCEPTION IX 589-408  
482 501

**LEGEND**

- Existing Contours
- Existing Storm Drainage Inlets
- Existing Storm Drainage
- Existing Manholes
- Existing Sewer
- Existing Water
- Prop Storm Drainage
- Prop Contours



Existing 20' Drainage Easement

Existing 20' Sewer Easement

PARCEL D-4  
PLAT NO. 1  
HOWARD RESEARCH & DEVELOPMENT CORP.

5' 0" 06' 08" W  
D-12  
3042 #

PRIVATE COURT

CRADLEROCK WAY

SMOOTH PATH

Note: The Proposed Contours shown on this Drainage Area Map are for determining the ridge lines for Storm Drainage. The Proposed grading for street construction will be limited to the finished grades shown on sheet 4 of 5.

APPROVED: DEPARTMENT OF PUBLIC WORKS  
*W.O. Gilbert* 4-26-78  
CHIEF, Bureau of Engineering Date  
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
*Arthur W. Musick* 4-21-78  
CHIEF, Division of Land Development Date

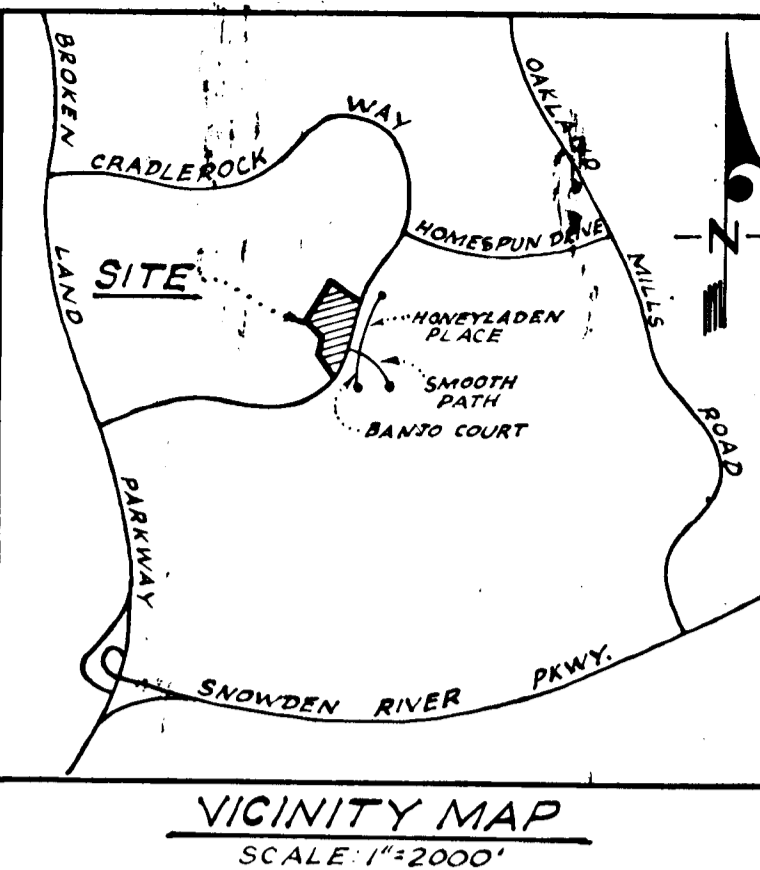
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|--|---|--------------------|
| <b>CLARK • FINEROCK &amp; SACKETT</b><br>ENGINEERS • PLANNERS • SURVEYORS<br>11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593 3400 |   |                    |
| DESIGNED<br>R.J.S.   | ROAD CONSTRUCTION PLANS<br>DRAINAGE AREA MAP<br>PARCEL D-3  | SCALE<br>1"=30'    |
| DRAWN<br>K.J.W.  | <b>COLUMBIA</b><br>VILLAGE OF OWEN BROWN<br>SECTION 1 AREA 1  | DRAWING<br>3 of 5  |
| CHECKED<br>D.A.B.  | 6TH ELECTION DISTRICT<br>HOWARD COUNTY, MARYLAND  | JOB NO.            |
| DATE<br>Mar, 1978  | FOR: HOWARD RESEARCH (DEVELOPMENT CORP.)<br>The Rouse Company Building<br>Columbia, Maryland, 21044 | FILE NO.<br>1230-D |



*l.n.c.*  
3-9-78

IRVIN DASHER  
EXCEPTION IN 399-408  
482 501

- LEGEND**
- Existing Contours
  - Existing Storm Drainage Inlets
  - Existing Storm Drainage
  - Existing Manholes
  - Existing Sewer
  - Existing Water
  - Diversion Dike
  - Silt Fence
  - Stabilized Constr. Entrance
  - Stone Filter Inlet Protection



**STONE OUTLET SEDIMENT TRAP (S.O.S.T.)**  
D.A. = 1.9 acres.  
Required Volume = 3440 c.f.  
Available Volume = 3440 c.f.  
Stone Crest Elev. = 344.0  
Bottom Elev. = 340.00  
Dimensions: 28' x 28' x 3'

Existing 20' Drainage Easement

Existing 20' Sewer Easement

Reviewed for Howard S.C.D.  
and meets Technical Requirements  
A. Wayne Ray Date 4-18-78  
Signature  
U.S. Soil Conservation Service

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

Approved Howard Date 4-19-78  
Howard S. C. D.

**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.

Joseph H. Neuf 3-14-78  
Signature Date

**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 3-9-78  
Signature Date

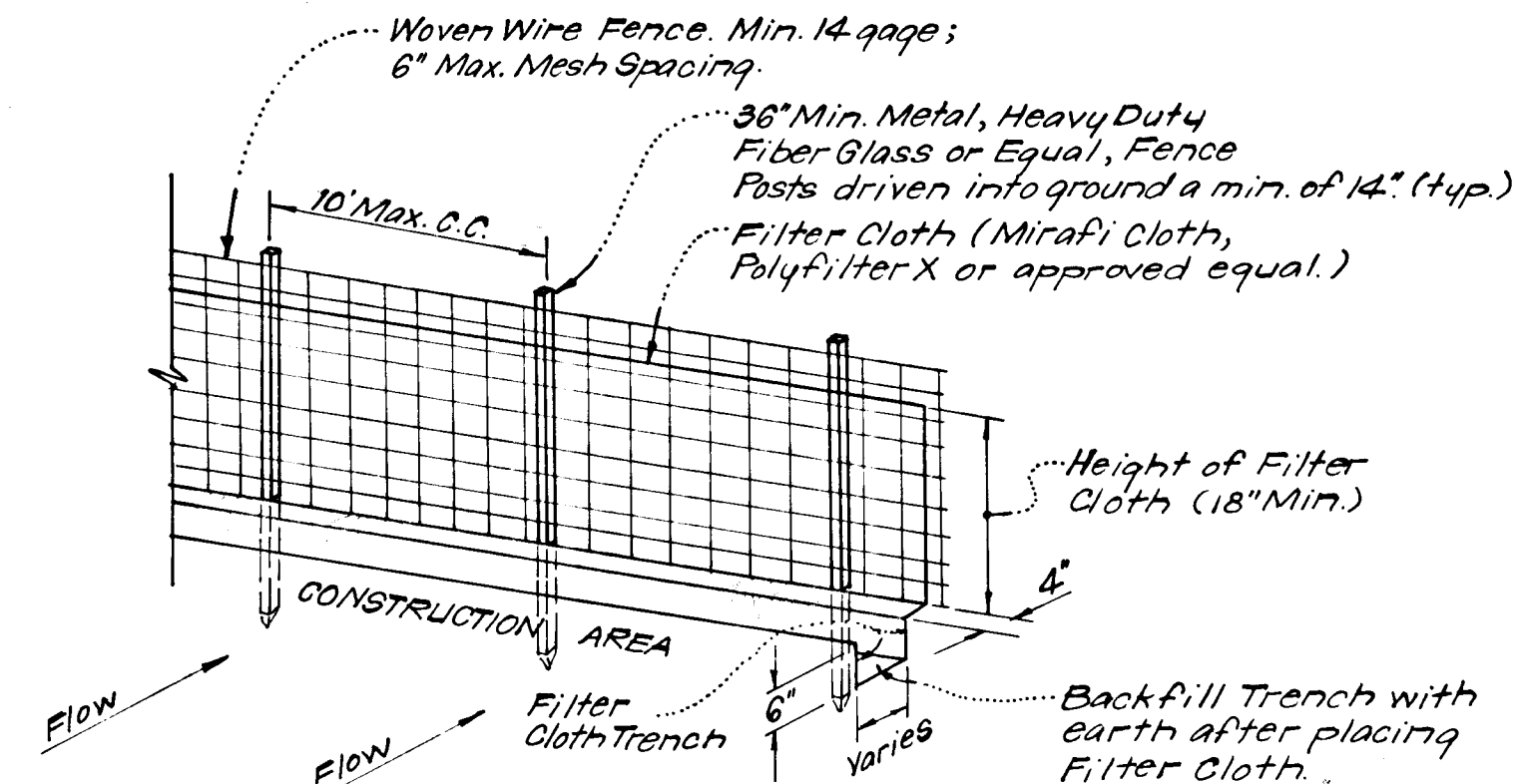


|  |   |                    |
|--|---|--------------------|
| APPROVED: DEPARTMENT OF PUBLIC WORKS   |   |                    |
| <u>W. O. Pickett</u>   |   | 4-26-78            |
| CHIEF, BUREAU OF ENGINEERING   |   |                    |
| APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  |   |                    |
| <u>John W. ...</u>   |   | 4-27-78            |
| CHIEF, DIVISION OF LAND DEVELOPMENT  |   |                    |
| <b>CLARK • FINEROCK &amp; SACKETT</b><br>ENGINEERS • PLANNERS • SURVEYORS<br>11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593 3400 |   |                    |
| DESIGNED   | ROAD CONSTRUCTION PLANS<br>SEDIMENT & EROSION CONTROL PLAN<br>PARCEL D-3                            | SCALE<br>1" = 30'  |
| DRAWN  | K.I.W.  | DRAWING<br>4 of 5  |
| CHECKED  | R.J.S.  | JOB NO.            |
| DATE   | FOR: HOWARD RESEARCH (DEVELOPMENT) CORP.<br>The Rouse Company Building<br>Columbia, Maryland, 21044 | FILE NO.<br>1230-D |
| May, 1978  |   |                    |

See Also 1128-P 1214-D  
1128-PA

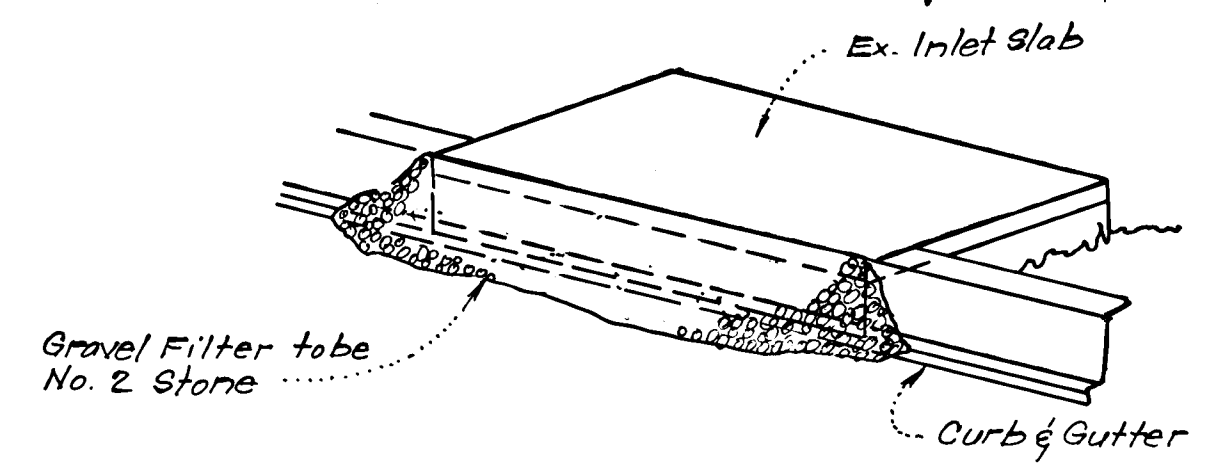
**GENERAL NOTES**

- 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 #5 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 hours 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 Grading shall be treated in accordance with the following Specifications:
  - Seed - certified 85% germination applied at the rate of 3 lbs/1000 sq. ft. mixture - 40% Kentucky Blue, 20% Chewy Fescue, 20% Kentucky 31, and 20% annual rye.
  - Fertilizer - 10-10-10 applied at the rate of 23 lbs/1000 sq. ft. Ground Agricultural Lime or Dolomitic Lime applied at the rate of 46 lbs/1000 sq. ft.
  - Mulch - Weed Free grain straw applied at the rate of 70 lbs/1000 sq. ft. Mulch shall be secured to the ground by any approved method i.e. asphalt tacks, chemical binder, wood chips, etc.
- 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.
- Protection of stabilized area from sediment runoff shall be provided by the use of an approved Sediment Control Device, i.e. straw bale, diversion dike, etc.
- The Contractor shall keep all public roads free of sediment deposits left from traffic leaving construction site.
- Upstream Ends of all storm drain pipes shall be blocked at the end of each working day. See detail this sheet.
- SITE ANALYSIS:**
  - Total Area = 5.14 Ac.
  - Area to be Roofed = 0 Ac.
  - Area to be Paved = 0.92 Ac.
  - Area to be Seeded = 0.78 Ac.
  - Area Undisturbed = 3.44 Ac.
- CONSTRUCTION SEQUENCE:**
  - Grading Permits shall be obtained prior to any installation of Sediment Control or grading.
  - Install all Sediment & Erosion Controls.
  - Grade Streets & Parking Areas, install Storm Drainage & block inlets with S.F.I.P.'s.
  - Construct Paving.
  - Stabilize all disturbed areas in accordance with General Note #5.
  - Sediment Control Devices to be removed only after areas draining to these devices have been stabilized.
- A Complete site grading plan must be developed and approved before building permits can be issued.

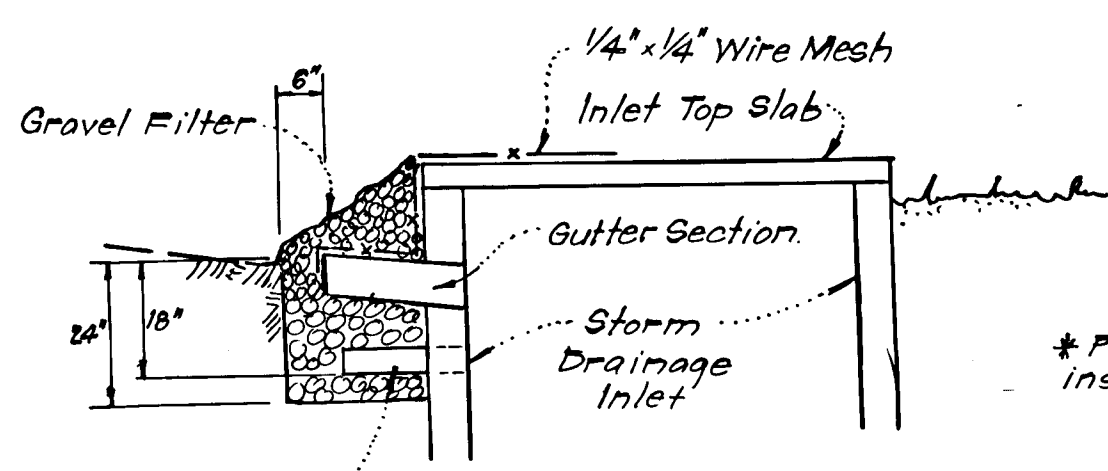


**NOTES:**  
 1. Woven Wire Fence to be fastened securely to fence posts by use of wire ties.  
 2. Filter Cloth to be fastened securely to woven wire fence by use of wire ties spaced every 24" x 24".

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



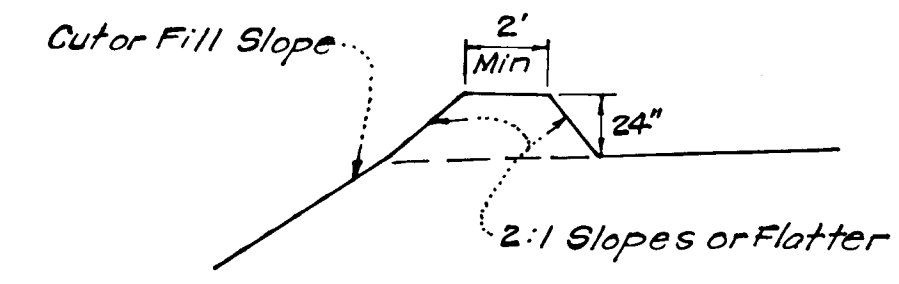
**ISOMETRIC VIEW**



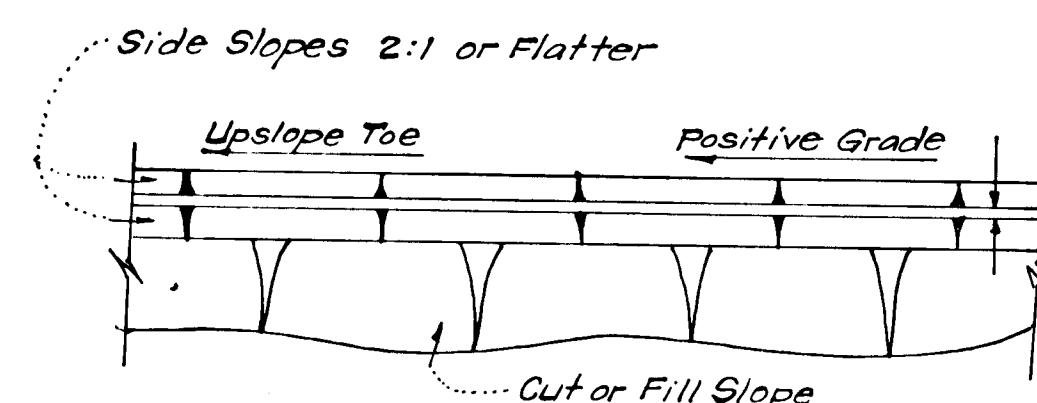
**SECTION VIEW**

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

\* Perforated Underdrain to be installed at time of inlet construction.

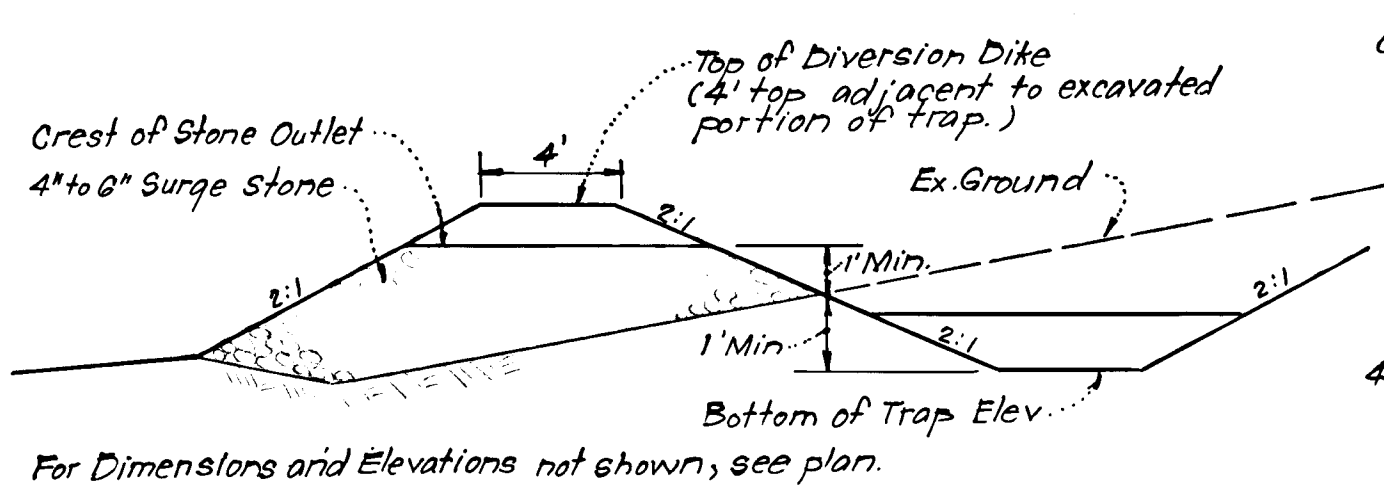


**CROSS SECTION**

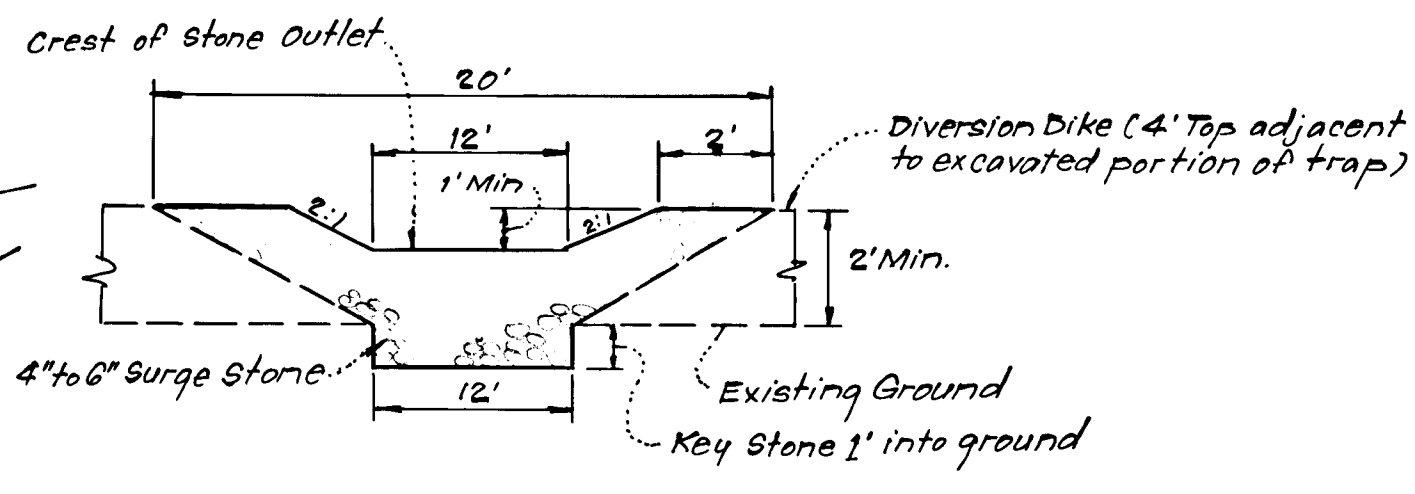


**PLAN VIEW**

**DIVERSION DIKE (D.D.)**  
 No Scale



**TYPICAL PROFILE**

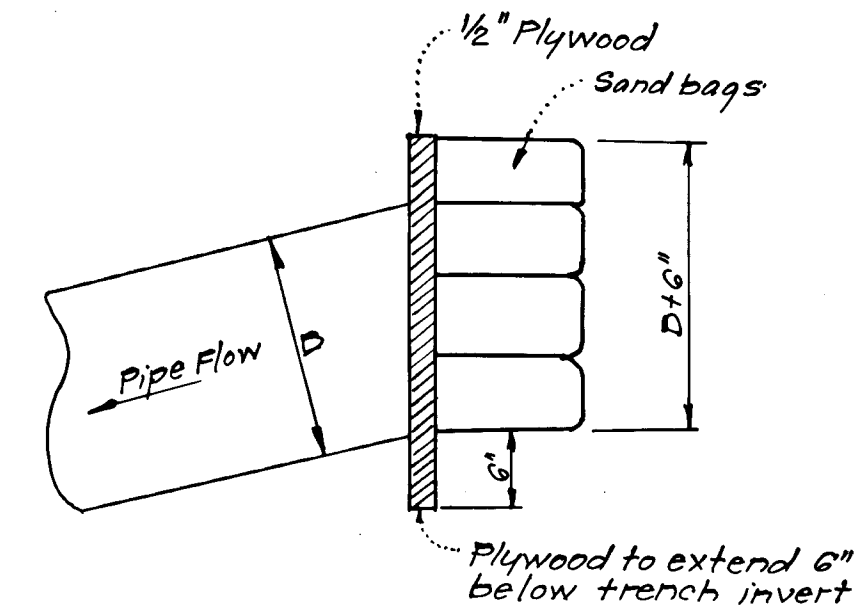


**TYPICAL CROSS SECTION**

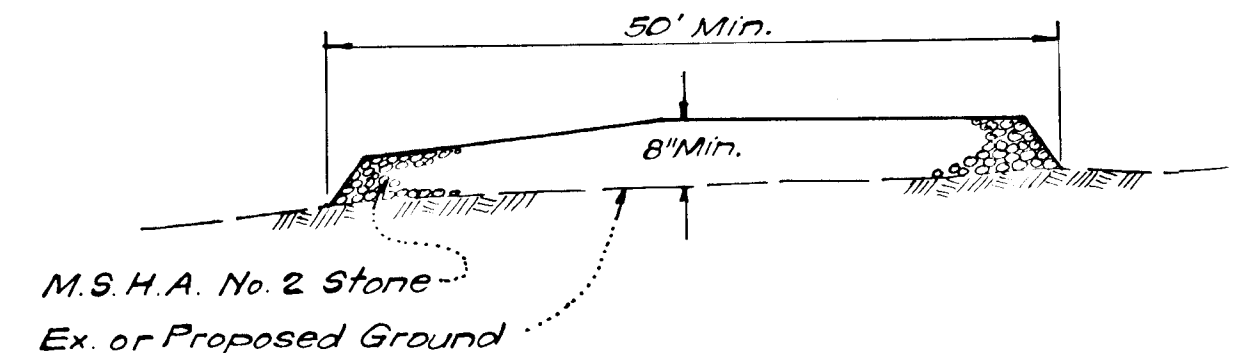
**STONE FILTER OUTLET NOTES:**

- Sediment Trap to be cleaned out when sediment reaches 1 ft. below the Crest of Stone Outlet.
- Bottom of Sediment Trap to be level and constructed to the dimensions shown on plan.
- Stone Outlet to be constructed through diversion dike adjacent to excavated portion of Sediment Trap.

**DETAILS OF STONE FILTER OUTLET**  
 (FOR STONE OUTLET SEDIMENT TRAP)  
 No Scale



**PIPE BLOCKING DETAIL**  
 No Scale



**SECTION VIEW**  
**STABILIZED CONSTRUCTION ENTRANCE**  
 No Scale

NOTE: See Plan View for Limits

Reviewed for **HOWARD** S.C.D.  
 Name  
 and meets Technical Requirements  
 Signature **L. Wayne Ray** Date **4-19-78**  
 U.S. Soil Conservation Service

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

**Wes FARR** Approved Date **4-19-78**

**DEVELOPER'S CERTIFICATE**

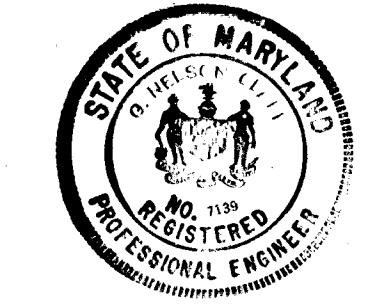
I certify that all development and/or construction will be done according to this plan of development and plan for Erosion and Sediment Control, and I authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents as are deemed necessary. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.

Signature **Joseph H. Nash** Date **3-14-78**

**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.

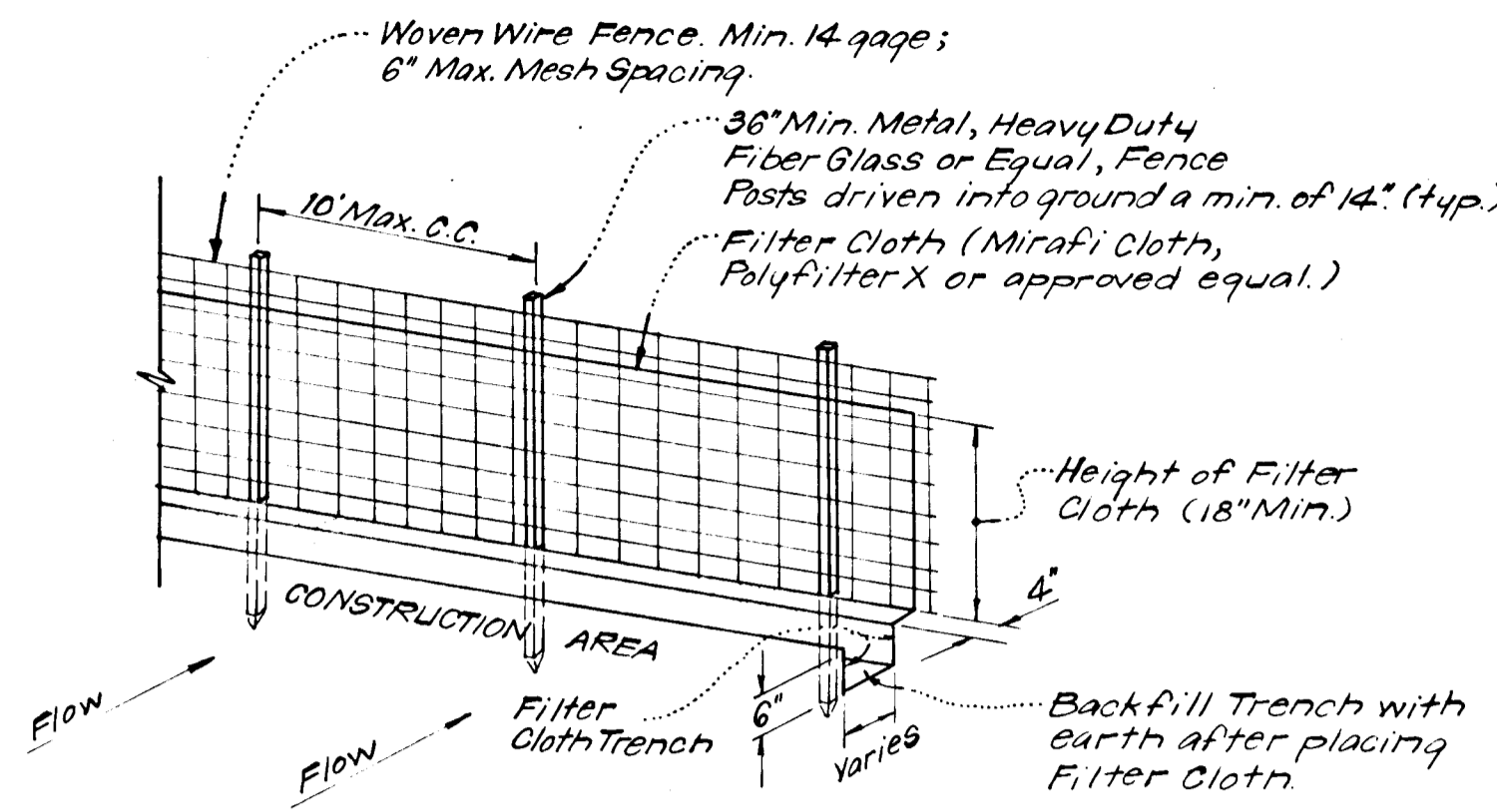
Signature **G. Nelson Clark** Date **3-9-78**



|   |                  |                 |
|---|------------------|-----------------|
| APPROVED: DEPARTMENT OF PUBLIC WORKS                              |                  |                 |
| <b>W. O. Salter</b>   |                  | <b>4-21-78</b>  |
| CHIEF, BUREAU OF ENGINEERING                                      |                  | DATE            |
| APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING               |                  |                 |
| <b>William Marshall</b>   |                  | <b>4-21-78</b>  |
| CHIEF, DIVISION OF LAND DEVELOPMENT                               |                  | DATE            |
| <b>CLARK • FINEFROCK &amp; SACKETT</b>                            |                  |                 |
| ENGINEERS • PLANNERS • SURVEYORS                                  |                  |                 |
| 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593 3400 |                  |                 |
| DESIGNED  | <b>D.A.B.</b>    | SCALE           |
| DRAWN   | <b>K.I.W.</b>    | <b>As Shown</b> |
| CHECKED   | <b>R.J.S.</b>    | DRAWING         |
| DATE  | <b>Mar, 1978</b> | <b>5 of 5</b>   |
| ROAD CONSTRUCTION PLANS   |                  | JOB NO.         |
| SEDIMENT & EROSION CONTROL PLAN                                   |                  | FILE NO.        |
| DETAILS   |                  | <b>1230-D</b>   |
| PARCEL D-3  |                  |                 |
| <b>COLUMBIA</b>   |                  |                 |
| VILLAGE OF OWEN BROWN   |                  |                 |
| SECTION 1 AREA 1  |                  |                 |
| 6th ELECTION DISTRICT   |                  |                 |
| HOWARD COUNTY, MARYLAND   |                  |                 |
| FOR HOWARD RESEARCH & DEVELOPMENT CORP                            |                  |                 |
| The Rouse Company Bldg.   |                  |                 |
| Columbia, Md 21044  |                  |                 |

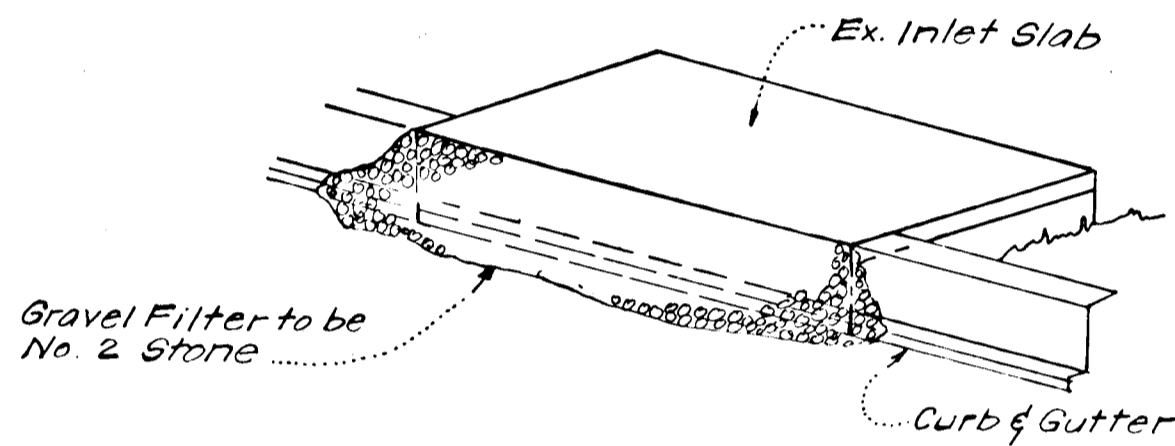
**GENERAL NOTES**

- 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 #5 for stabilization except that the seed mixture will be annual rye applied at a rate of 1.4 lbs/1000 s.f. starting any work.
- Notify the Bureau of Inspections and Permits at least 24 hours 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.
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  - Fertilizer - 10-10-10 applied at the rate of 23 lbs/1000 sq. ft. Ground Agricultural Lime or Volcanic Lime applied at the rate of 46 lbs/1000 s.f.
  - Mulch - Weed free grain straw applied at the rate of 70 lbs/1000 s.f. Mulch shall be secured to the ground by any approved method i.e. asphalt tacks, chemical binder, wood chips, etc.
- 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 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.
- Protection of stabilized area from sediment runoff shall be provided by the use of an approved Sediment Control Device, i.e. straw bale, diversion dike, etc.
- The Contractor shall keep all public roads free of sediment deposits left from traffic leaving construction site.
- Upstream ends of all storm drain pipes shall be blocked at the end of each working day. See detail this sheet.
- SITE ANALYSIS:**
  - Total Area: 25.9 Acres
  - Area to be Paved: 1.6 Acres
  - Area to be Seeded: 1.7 Acres
  - Area Undisturbed: 22.6 Acres
- A Complete site grading plan must be developed and approved before building permits can be issued.
- CONSTRUCTION SEQUENCE:**
  - Grading Permits shall be obtained prior to any installation of Sediment Control or Grading.
  - Install all Sediment & Erosion Controls.
  - Grade Streets & Parking Areas as necessary to properly install storm drainage. Install Storm Drainage & block inlets with S.F.I.P.s.
  - Construct Paving.
  - Stabilize all disturbed areas in accordance with general note #5.
  - Sediment Control devices to be removed only after areas draining to these devices have been stabilized.

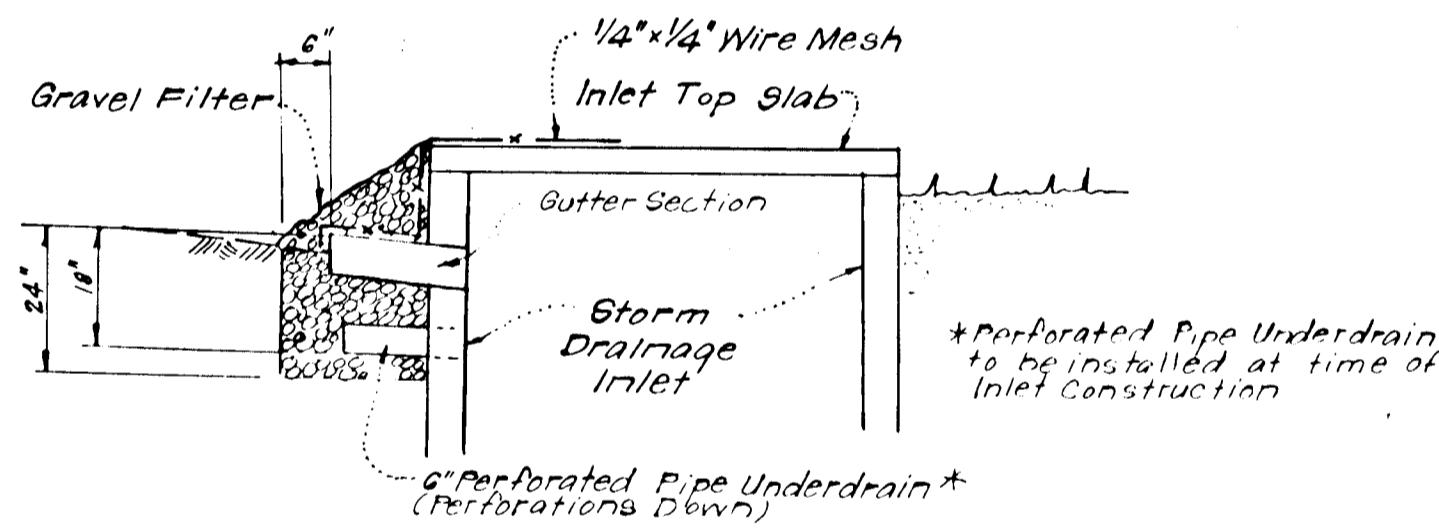


**NOTES:**  
 1. Woven Wire Fence to be fastened securely to fence posts by use of wire ties.  
 2. Filter Cloth to be fastened securely to woven wire fence by use of wire ties spaced every 24" x 24".

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

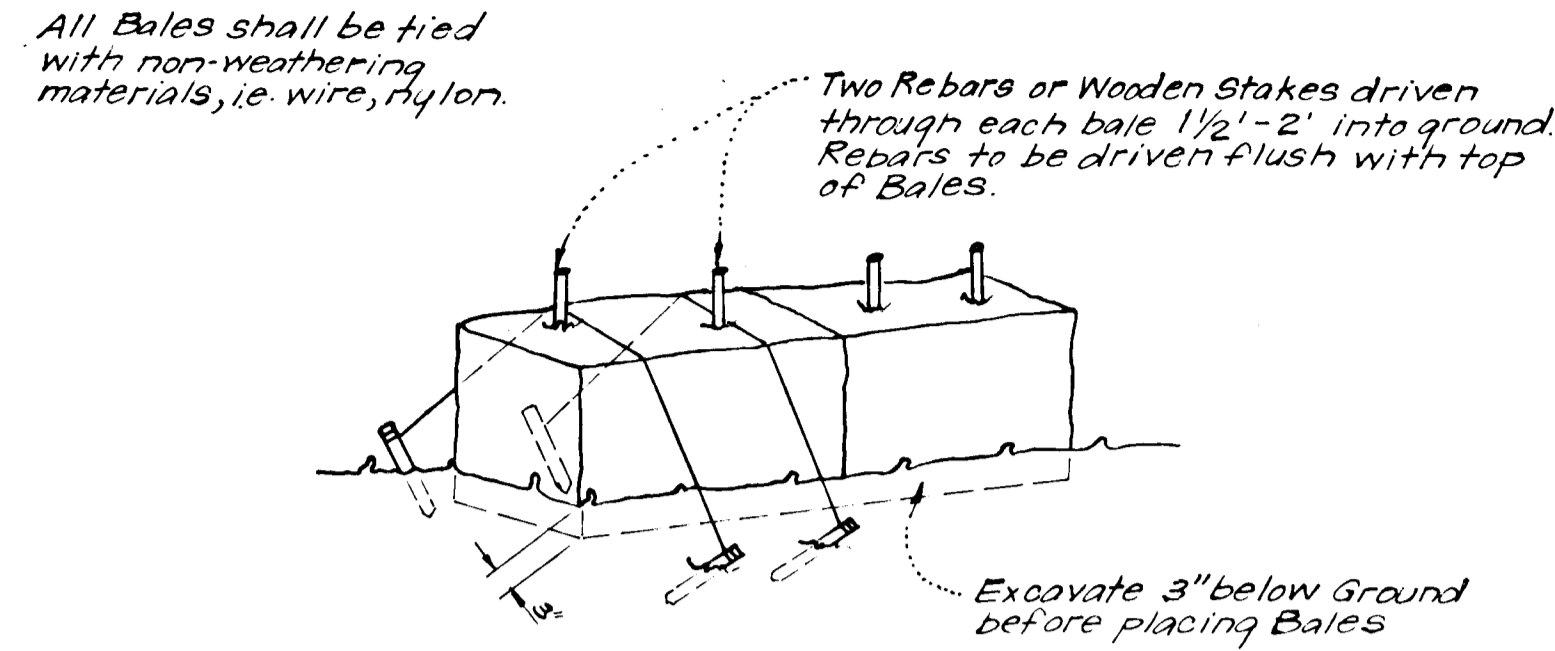


**ISOMETRIC VIEW**



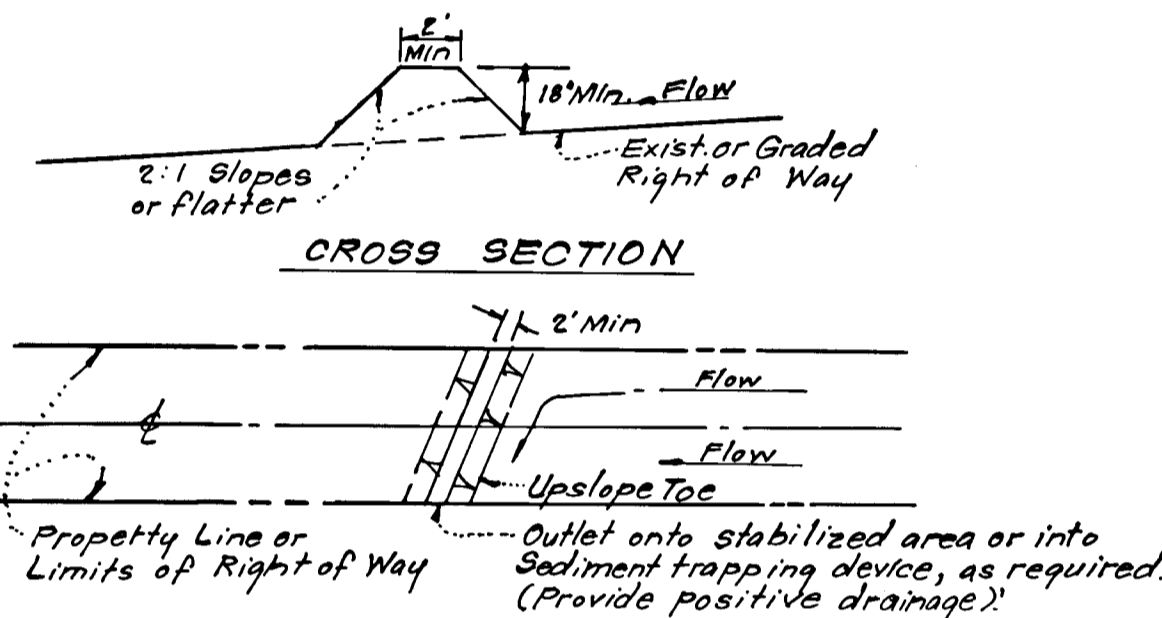
**SECTION VIEW**

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

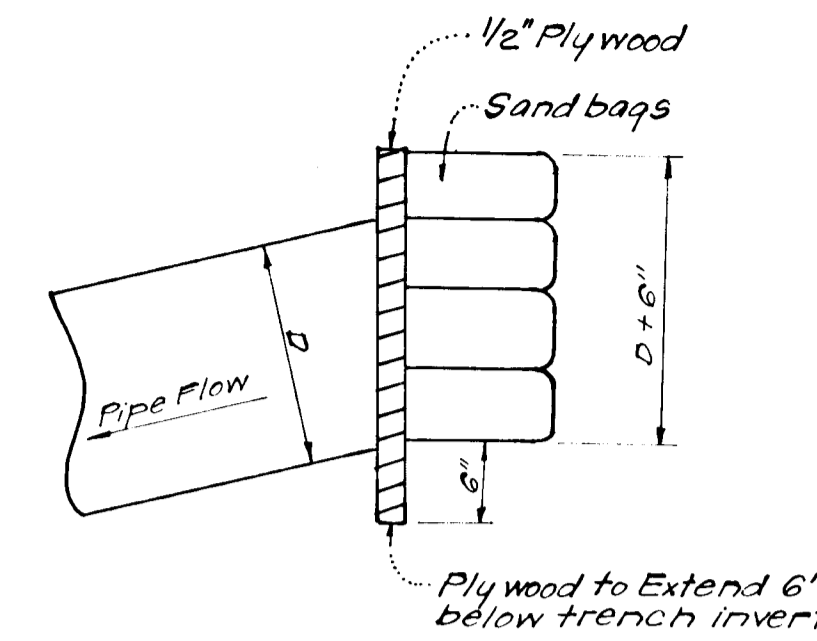


**NOTE:**  
 1. In lieu of the use of rebar each Straw Bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above).

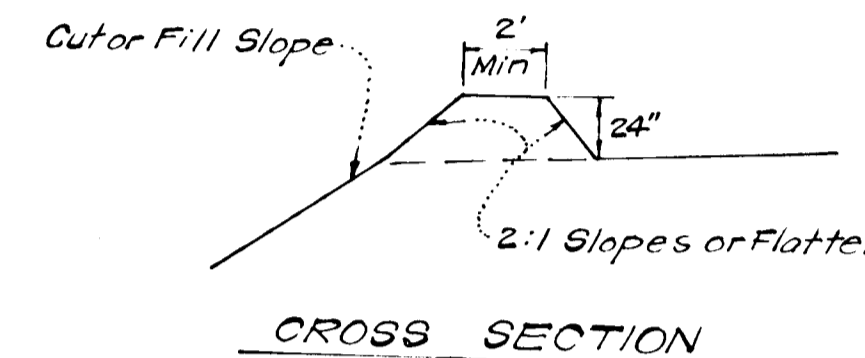
**TYPICAL STRAW BALE DETAIL (S.B.D.)**  
 No Scale



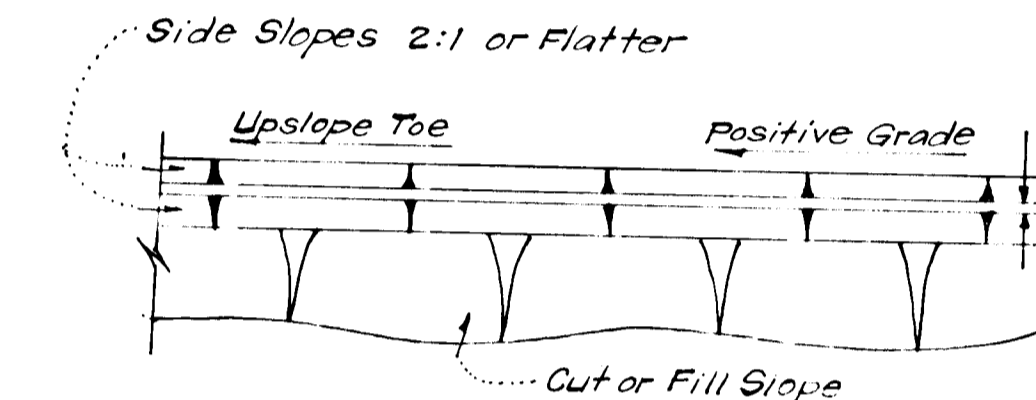
**INTERCEPTOR DIKE (I.D.)**  
 No Scale



**PIPE BLOCKING DETAIL**  
 No Scale



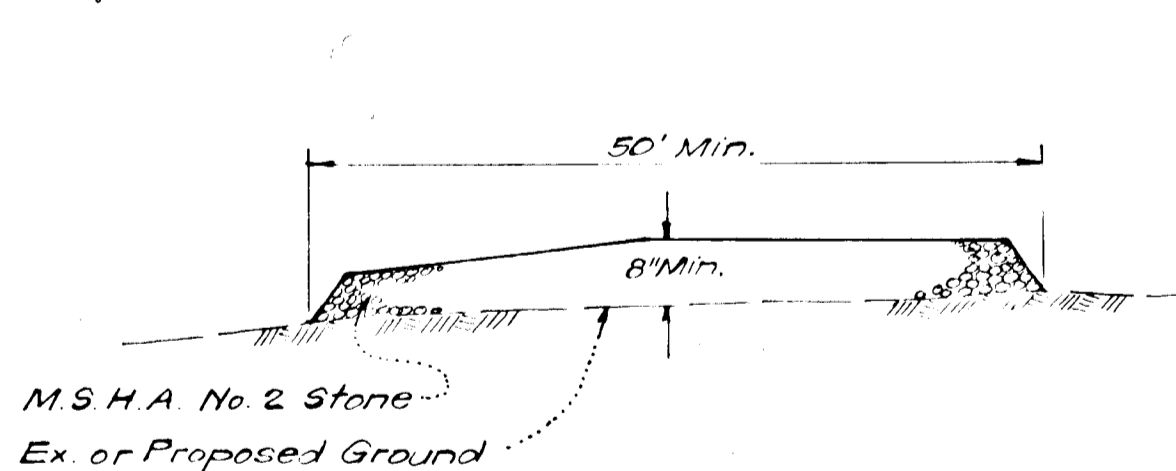
**CROSS SECTION**



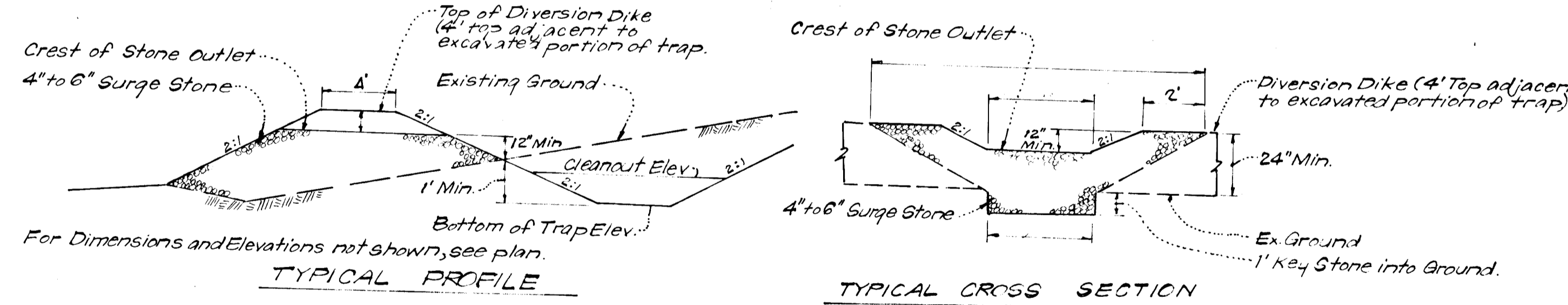
**PLAN VIEW**

**DIVERSION DIKE (D.D.)**  
 No Scale

| TRAP NO. | L   | W   | D    | BOTTOM ELEV. | D.A. ACRES | REQUIRED VOLUME | PROVIDED VOLUME | TOP ELEV. | SPILLWAY CREST EL. |
|----------|-----|-----|------|--------------|------------|-----------------|-----------------|-----------|--------------------|
| 1        | 40' | 10' | 3.0' | 305.00       | 0.9        | 1628            | 2200            | 310.00    | 309.00             |
| 2        | 24' | 20' | 3.0' | 316.00       | 1.3        | 2340            | 2340            | 321.00    | 320.00             |



**SECTION VIEW**  
**STABILIZED CONSTRUCTION ENTRANCE**  
 No Scale



**TYPICAL PROFILE**  
**DETAILS OF STONE FILTER OUTLET (FOR STONE OUTLET SEDIMENT TRAP)**  
 No Scale

**STONE FILTER OUTLET NOTES:**  
 1. Sediment Trap to be cleaned out when sediment reaches a level of 2 ft. below the Crest of Stone Outlet.  
 2. Bottom of Sediment Trap to be level and constructed to the dimensions shown on plan.  
 3. Stone Outlet to be constructed through diversion dike adjacent to excavated portion of Sediment Trap.

Reviewed for... **HOWARD** .....S.C.D.  
 Name  
 and meets Technical Requirements  
 Signature **Wayne Ray** 8-3-78  
 Date  
 U.S. Soil Conservation Service

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

**DEVELOPER'S CERTIFICATE**

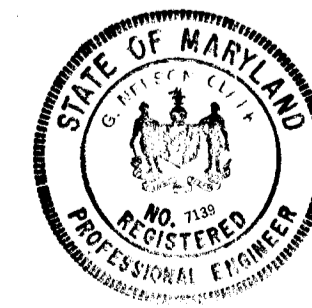
I certify that all development and/or construction will be done according to this plan of development and plan for Erosion and Sediment Control, and I als authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents as are deemed necessary. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.

**Natley M. Stefanowicz** 4/12/78  
 Signature Date

**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.

**St. Nelson Clark** 4-17-78  
 Signature Date



**Wes EARP** Approved 8-3-78 Date

APPROVED: DEPARTMENT OF PUBLIC WORKS  
**W. O. Perkins** 8-14-78  
 CHIEF, BUREAU OF HIGHWAYS DATE

APPROVED: HOWARD COUNTY OF PLANNING & ZONING  
**John R. Moore** 8-17-78  
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

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

|                     |  |                    |
|---------------------|--|--------------------|
| DESIGNED<br>R.J.S.  | <b>ROAD CONSTRUCTION PLANS<br/>                 SEDIMENT &amp; EROSION CONTROL DETAILS<br/>                 A RESUBDIVISION OF PARCEL 'B'<br/>                 COLUMBIA<br/>                 VILLAGE OF OWEN BROWN<br/>                 SECTION AREA 1<br/>                 6TH ELECTION DISTRICT<br/>                 HOWARD COUNTY, MARYLAND</b> | SCALE<br>As Shown  |
| DRAWN<br>K.I.W.     |  | DRAWING<br>6047    |
| CHECKED<br>D.A.B.   |  | JOB NO.            |
| DATE<br>April, 1978 |  | FILE NO.<br>1231-D |

FOR: HOWARD RESEARCH & DEVELOPMENT CORP.  
 The Rouse Company Building  
 Columbia, Maryland 21044