

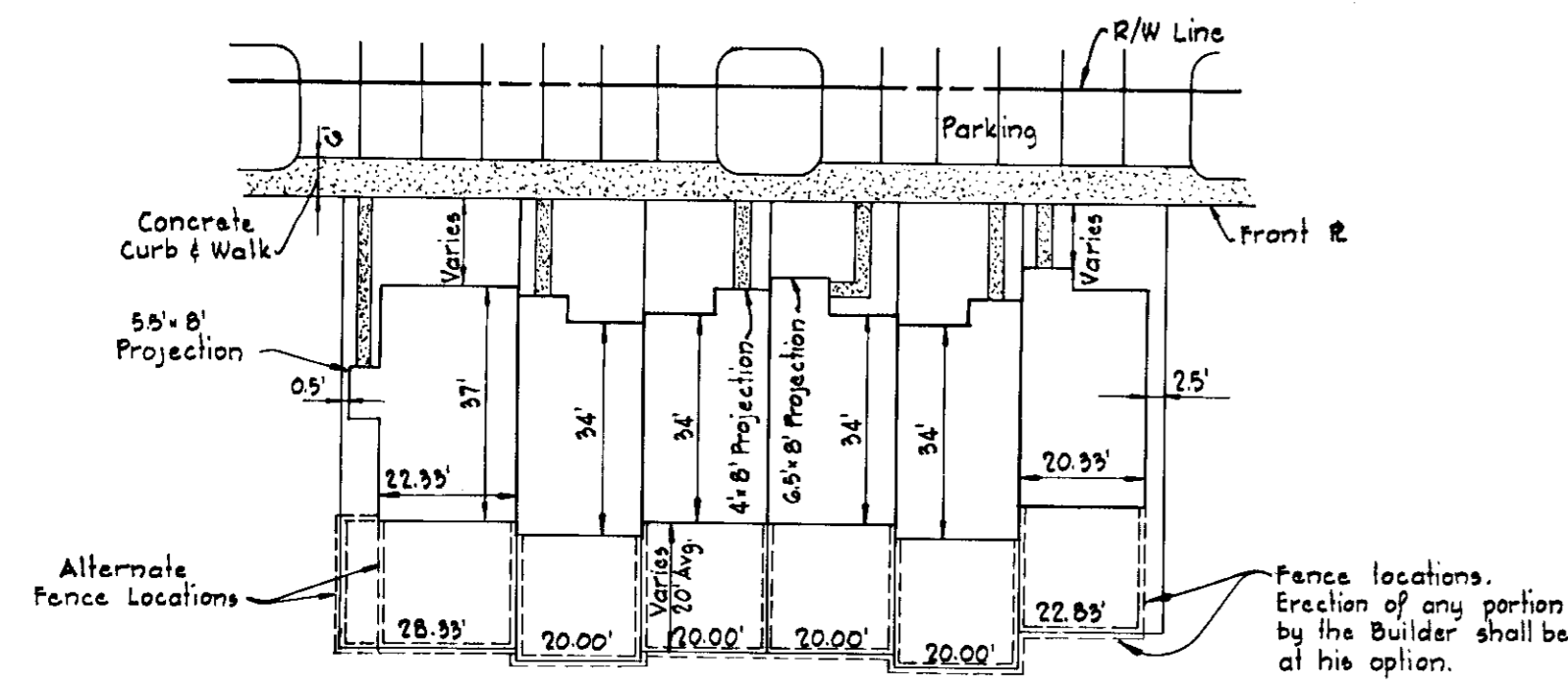
GENERAL NOTES

1. Topography taken from aerial topo prepared by Maps Incorporated and verified by field-run survey.
2. Recording reference for Lots D-2 thru D-82 is Plat # 5547, 48
3. Water and sewer facilities are to be provided. (Publicly Owned)
4. Community Owned lots which include parking spaces and sidewalks shall be owned and maintained by a home owners association. Only the 29' travelled way portion of the 50' right-of-way shall be publicly maintained.
5. The minimum gross floor area of each unit excluding basement shall be 1,080 square feet.
6. All entrance walks to dwellings shall be 3' wide.
7. All other sidewalks shall be 4' wide concrete unless otherwise noted.
8. Curb return radii for roadways shall be 25' unless otherwise specified.
9. Dwellings shown hereon are 3 bedroom 2 story group dwellings with basements.
10. Minimum setback from all public streets shall be 30' unless otherwise approved by Howard County Planning Board.
11. Any damage to public right-of-way or paving must be corrected at the developers expense.
12. Grades have been established to insure positive drainage.
13. Check walls shall be provided with any flight of steps containing more than 3risers.

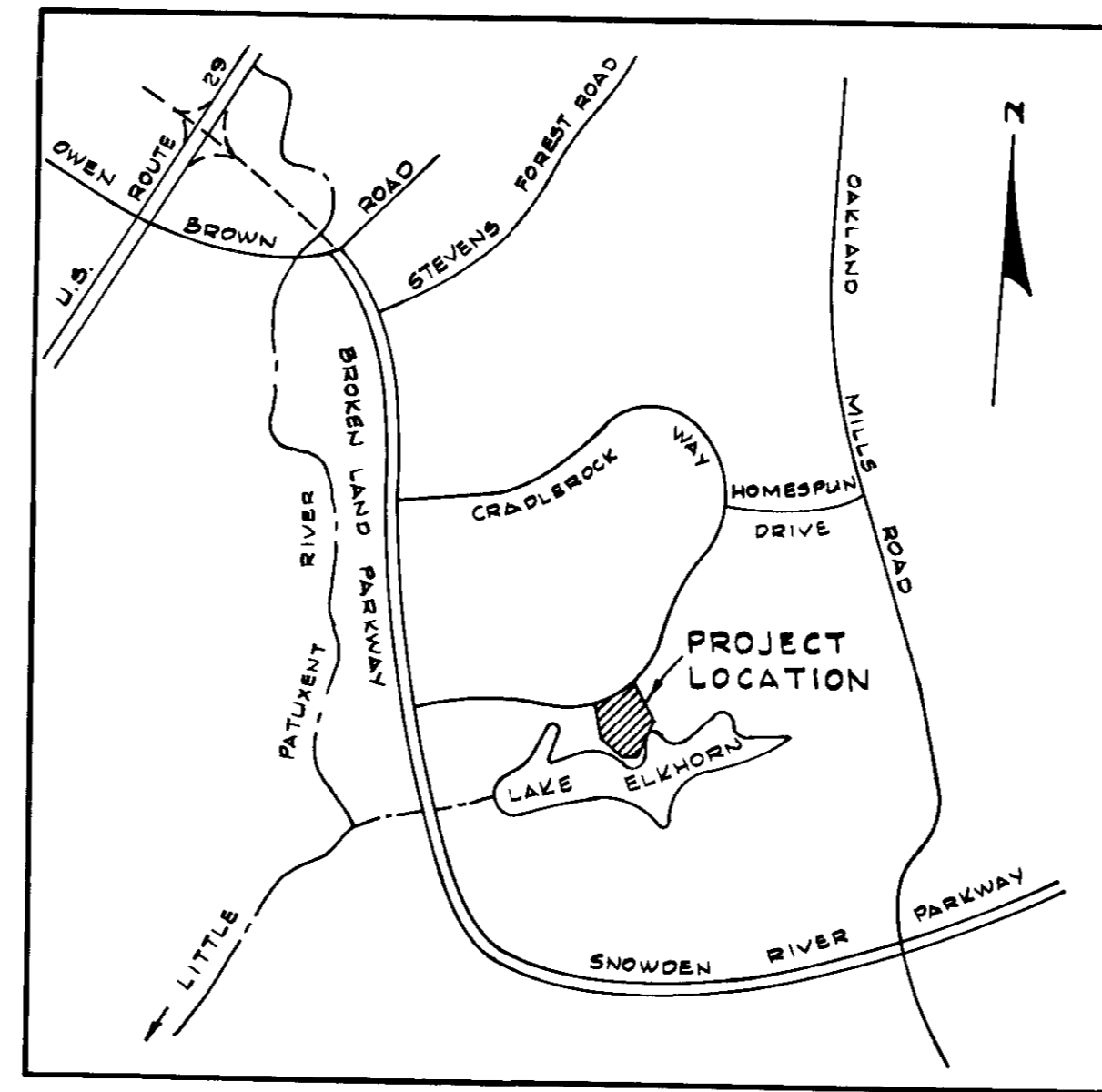
SPECIAL NOTES

This development plan includes all applicable information outlined in Data Sheet 150 Neighborhood Standards, F.H.A. Land Planning Bulletin No. 3 V.A. Pamphlet 4 A B and conforms with lot improvements and detail lot grading of Chapter XII F.H.A. Minimum Property Requirements dated May 1963, and to all applicable ordinances and regulations.

Drainage structures have been designed in accordance with sound engineering practice using recognized formulae and rainfall data currently prescribed by local authorities. These exhibits comply with the F.H.A. objectives, Minimum Property Standards, local acceptable standards and neighborhood requirements conform to all applicable local government ordinances and regulations and represent the best professional judgement of the designer.



OPEN SPACE
(Community Owned)
TYPICAL DWELLING
No Scale



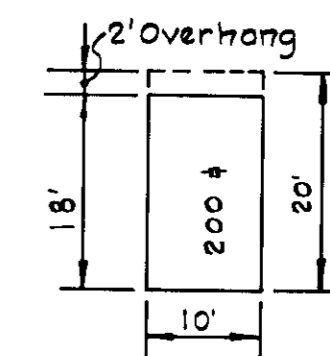
VICINITY MAP
Scale: 1" = 2000'

SHEET INDEX	
NO.	DESCRIPTION
1	TITLE SHEET
2	GRADING PLAN
3	GRADING PLAN
4	SEDIMENT CONTROL PLAN
5	SEDIMENT CONTROL PLAN
6	SEDIMENT CONTROL PLAN
7	LANDSCAPE PLAN
8	LANDSCAPE PLAN

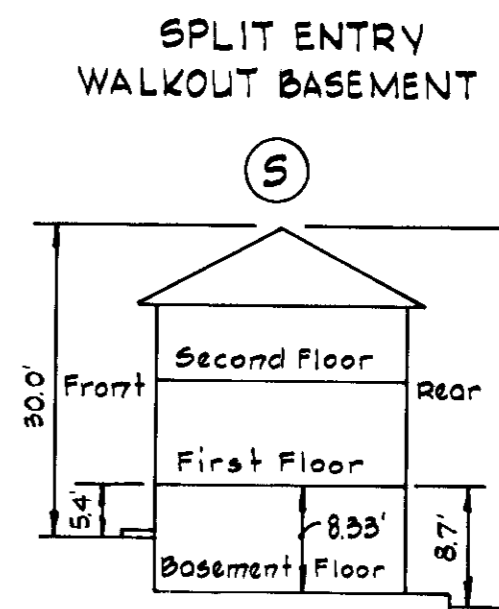
SITE ANALYSIS

Existing Zoning - Apartments (Single Family Attached)
Final Development Plan - Phase I 127-A-III Plot Book 3054-CC thru 3054-FF

Area of this portion of Parcel "D-1"	7.709 Ac.	Total Lots in this portion of Parcel "D-1"	81
Area of SFA Lots	2.990 Ac.	SFA Lots	77
Area of Road R/W	1.154 Ac.	Community Owned Lots	4
Area of Community Owned Lots	3.565 Ac.		
Dwelling Units Permissible @ 10 Units/Ac.			77
Dwelling Units Proposed			77
Parking Spaces Required (77.2)			154
Parking Spaces Proposed			154



TYPICAL PARKING SPACE
No Scale



TYPICAL DWELLING ELEVATION
No Scale

APPROVED
DIVISION OF LAND DEVELOPMENT
RBC
HOWARD COUNTY, MARYLAND
DATE 10-4-76
Thomas D. Hanig

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
Spencer Bondhus 11-4-76
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
Thomas D. Hanig 11-5-76
PLANNING DIRECTOR DATE

Robert D. Oline 11-5-76
CHIEF DIVISION OF LAND DEVELOPMENT DATE

APPROVED FOR PUBLIC WATER, PUBLIC SEWER AND STORM DRAINAGE SYSTEMS AND ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
P. J. Regan 10-25-76
DIRECTOR DATE

Walter M. McKeand 10/29/76
BUREAU OF HIGHWAYS DATE

HOWARD HOMES DEVELOPMENT CORP.
DEVELOPER
P.O. BOX 802, COLUMBIA, MARYLAND

WHITMAN, REQUARDT & ASSOCIATES
ENGINEERS
1304 ST. PAUL STREET
BALTIMORE, MARYLAND 21202
Kenneth A. McCord
Kenneth A. McCord P.E. No. 1974

OWEN BROWN-TATSFIELD DEVELOPMENT CO.
OWNER
10275 LITTLE PATUXENT PARKWAY
COLUMBIA, MARYLAND

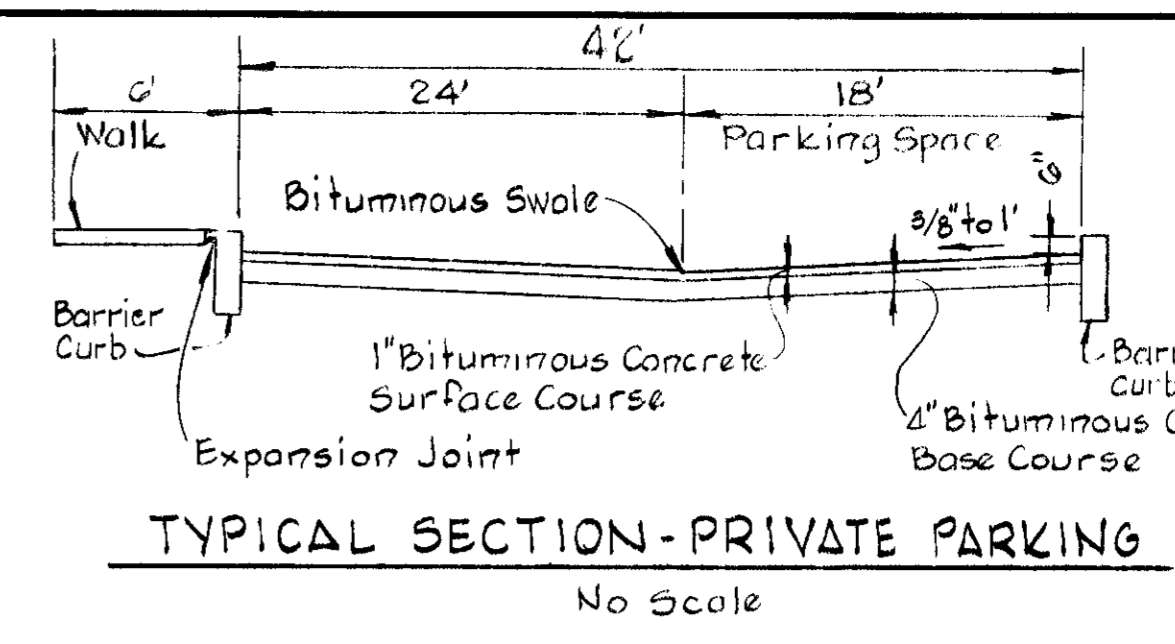
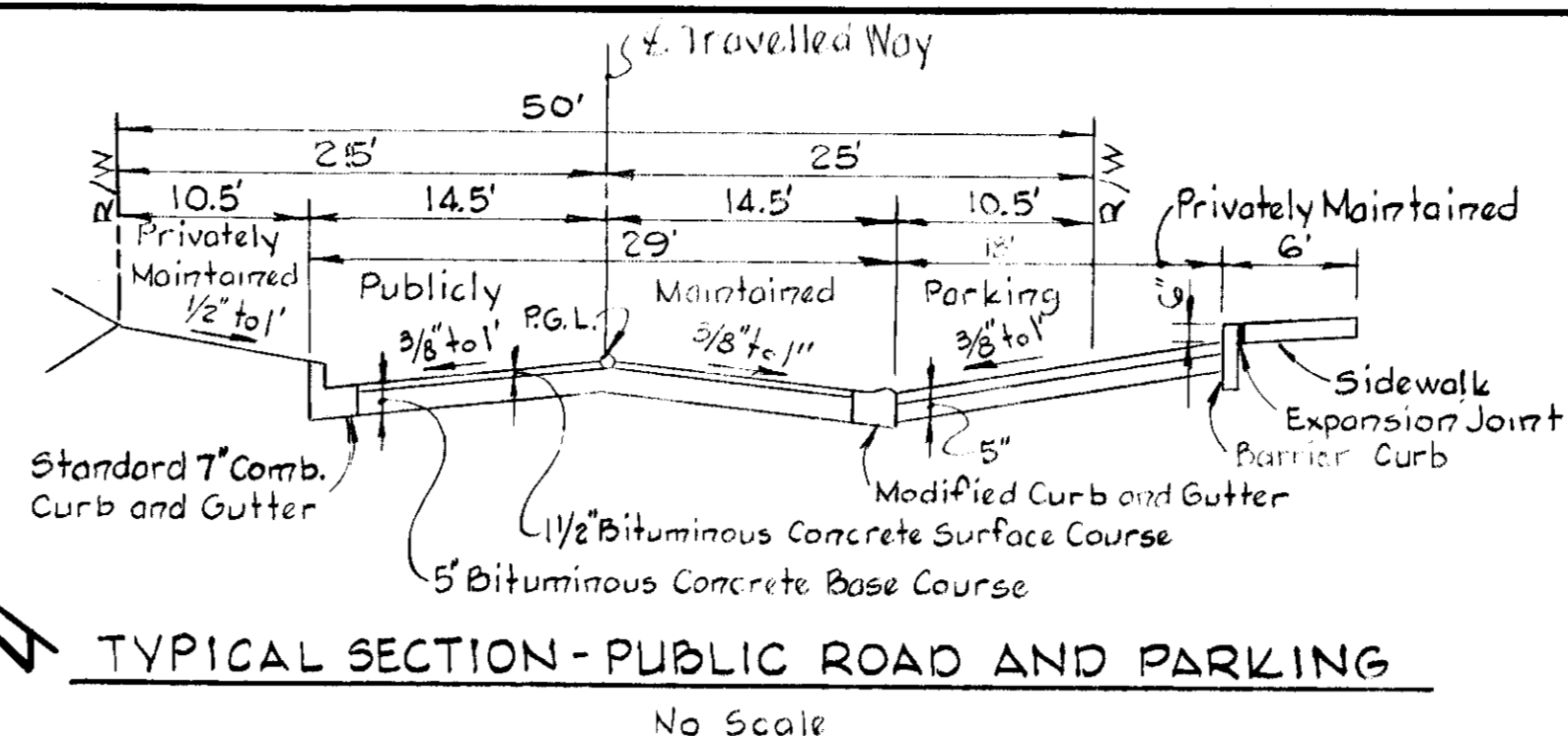
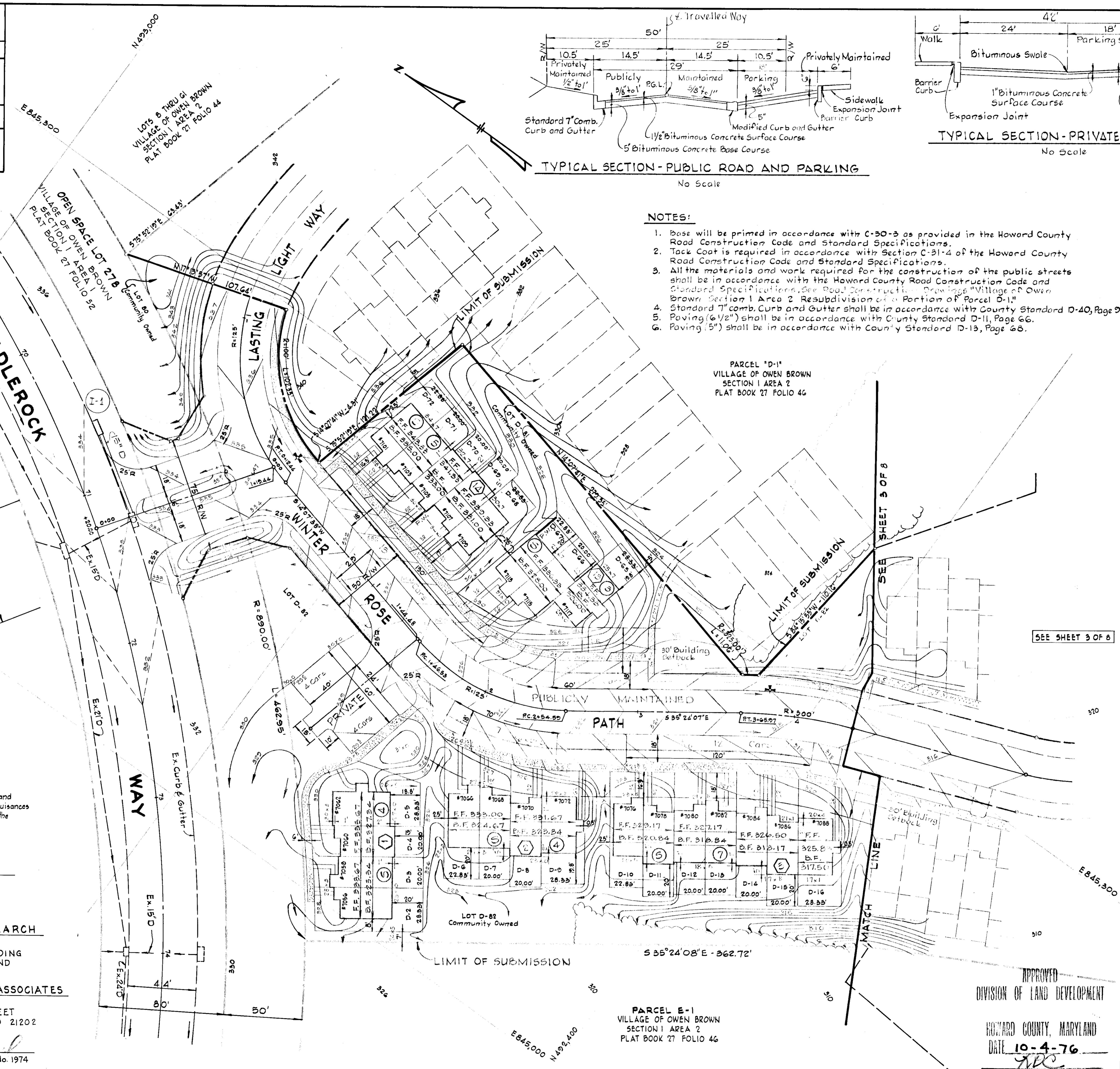
NO.	DATE	DESCRIPTION OF REVISIONS
COLUMBIA SITE PLANS		
FOR VILLAGE OF OWEN BROWN SECTION 1 AREA 2 LOTS D-2 THRU D-82 A RESUBDIVISION OF A PORTION OF PARCEL "D-1"		
TITLE SHEET SHEET 1 OF 8		
ELECTION DISTRICT NO. 6, HOWARD COUNTY, MARYLAND		
DATE: October, 18, 1976		SCALE: 1" = 30'

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER
 DATE 11-4-76

APPROVED FOR PLANNING AND ZONING
 PLANNING DIRECTOR
 DATE 11-5-76

APPROVED FOR PUBLIC WATER, PUBLIC SEWER AND STORM DRAINAGE SYSTEMS AND ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR
 DATE 10-29-76

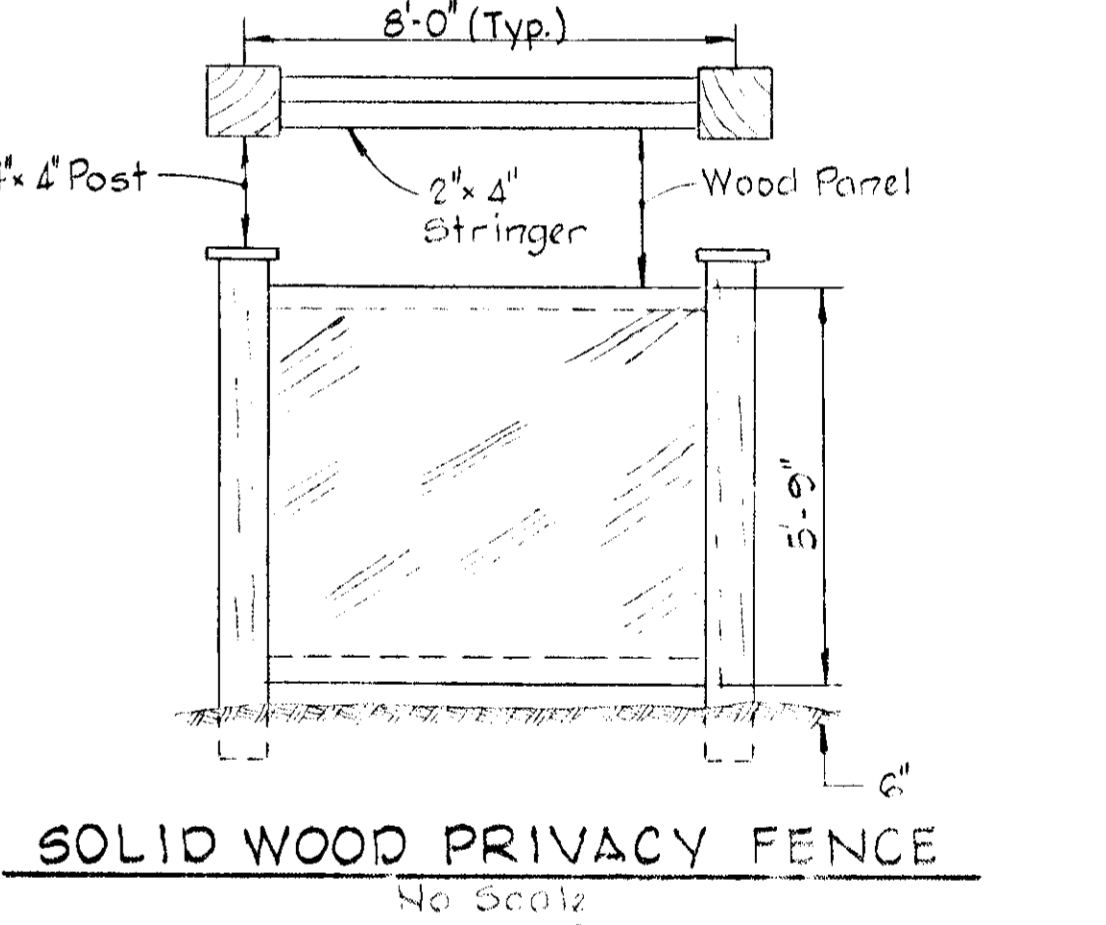
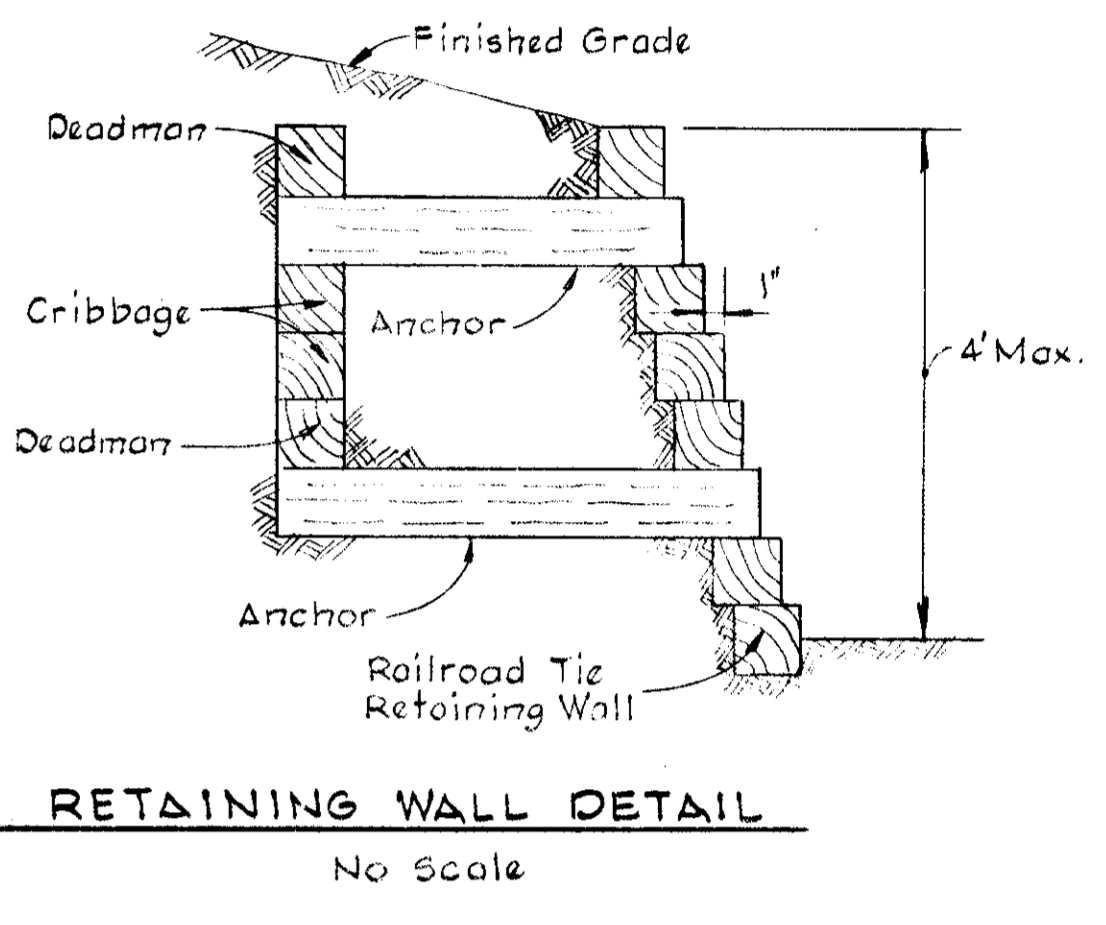
CHIEF, BUREAU OF HIGHWAYS
 DATE 10-29-76



LEGEND

- 400- Existing Contours (2' Interval)
- 400- Proposed Contours (2' Interval)
- (10) Building Group Number
- (17) Number of Buildings in Building Group
- (D-16) Lot Number
- (D-16) Proposed Final Floor Elevation
- (D-16) Proposed Final Elevation
- (E) Existing Elevation
- (10) Top of 1"
- (25) Traveled Way
- (10) Publicly Maintained Concrete Walk
- (10) Mandatory 2' Sidewalk
- (10) Building Types (See Cover Sheet)
- (10) Existing Street Location
- (10) Railroad Tie Retaining Wall
- (10) Fire Hydrant
- (10) Walk (By Others)

- NOTES:**
1. Base will be primed in accordance with C-30-3 as provided in the Howard County Road Construction Code and Standard Specifications.
 2. Tack Coat is required in accordance with Section C-31-4 of the Howard County Road Construction Code and Standard Specifications.
 3. All the materials and work required for the construction of the public streets shall be in accordance with the Howard County Road Construction Code and Standard Specifications. See Road Construction Drawings "Village of Owen Brown Section 1 Area 2 Resubdivision of a Portion of Parcel D-1."
 4. Standard 7" Comb. Curb and Gutter shall be in accordance with County Standard D-40, Page 95.
 5. Paving (6 1/2") shall be in accordance with County Standard D-11, Page 66.
 6. Paving (5") shall be in accordance with County Standard D-13, Page 68.



OWEN BROWN-TATSFIELD DEVELOPMENT CO.
 OWNER
 10275 LITTLE PATUXENT PARKWAY
 COLUMBIA, MARYLAND

HOWARD HOMES DEVELOPMENT CORP.
 DEVELOPER
 P.O. Box 802, COLUMBIA MARYLAND

No.	DATE	DESCRIPTION OF REVISIONS

COLUMBIA SITE PLANS
 FOR
VILLAGE OF OWEN BROWN
 SECTION 1 AREA 2
 LOTS D-2 THRU D-82
 A RESUBDIVISION OF A PORTION OF PARCEL "E"
GRADING PLAN
 SHEET 2 OF 8
 ELECTION DISTRICT NO. 6, HOWARD COUNTY, MARYLAND
 DATE: October 18, 1976

It is our intent to discharge all roof leaders and downspouts onto splash blocks. Where any nuisances are created, we shall rectify the situations to the satisfaction of the Howard County Plumbing Inspector.

See B. Paul
 Howard Homes Development Corp.

LAND DESIGN/RESEARCH
 PLANNER
 ONE MALL NORTH BUILDING
 COLUMBIA, MARYLAND

WHITMAN, REQUARDT & ASSOCIATES
 ENGINEERS
 1304 ST. PAUL STREET
 BALTIMORE, MARYLAND 21202

Kenneth A. McCord
 Kenneth A. McCord P.E. No. 1974

APPROVED
 DIVISION OF LAND DEVELOPMENT
 HOWARD COUNTY, MARYLAND
 DATE 10-4-76

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER DATE
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 PLANNING DIRECTOR DATE
 CHIEF DIVISION OF LAND DEVELOPMENT DATE
 APPROVED FOR PUBLIC WATER, PUBLIC SEWER AND STORM DRAINAGE SYSTEMS AND ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR DATE
 CHIEF, BUREAU OF HIGHWAYS DATE

SEQUENCE OF CONSTRUCTION

1. Provide stone at entrance from Cradlerock Way
2. Construct and stabilize the Sediment Basin as shown on the plans and as specified.
3. Construct the perimeter dikes and sediment traps and stabilize.
4. Clear and grub the areas required for construction.
5. Grade the site and stabilize all ditches and swales.
6. Construct the storm drain systems and cap all inlets.
7. Complete construction of utilities, houses, roadways, paving, areas, sidewalks, etc., and stabilize all lawn areas.
8. Clean the storm drain system from Inlet 1-2 to Inlet 1-5.
9. Remove the perimeter dikes and sediment traps and stabilize.
10. The sediment basin shall remain in place to serve the remaining portion of Parcel D-1. The sediment basin shall be removed prior to construction of building Group No. 15.

SEDIMENT CONTROL NOTES

1. All sediment control measures must be constructed and stabilized prior to any other grading on the site. See notes 3 and 4 for stabilization.
2. No temporary sediment control structure may be removed or destroyed without approval of the Howard County Soil Conservation District.
3. TEMPORARY SEEDING - All areas to be seeded shall receive Italian rye grass at the rate of 40#/acre. Sow with mechanical spreader, rake minimum of two (2) passes with "York Rake", cover and compact with cultipacker. Surface preparation to include ground limestone over topsoil surface area at the rate of One Ton/Acre, (50#/1000⁺) commercial fertilizer (10-10-10) at the rate of 3/4 Ton/Acre (35#/1000⁺).
4. Mulch areas with straw at the rate of 50#/1000 or One Ton/Acre. Anchor with asphalt at the rate of 480 Gallons/Acre. Drainage swales with slopes greater than 2% will be mulched as stated but the mulch in the center of the channel will be anchored with plastic netting 1/2" according to manufacturers recommendations.
5. Prior to starting grading the contractor shall give 24 hrs. notice to the Howard Soil Conservation District and the Howard County Bureau of Licenses, Inspections and Permits.
6. All earthwork stockpiles that will not be disturbed for 4 months or longer, shall immediately after piling shall be fertilized, limed & seeded with annual Rye grass at the rate of 1#/1000⁺, and mulched according to note 4.
7. All Dikes, Basins and Drainage Swales shall be stabilized immediately after construction of same according to notes 3 & 4.

LEGEND

- - - - - Existing Contours (2' Interval)
- - - - - Proposed Contours (2' Interval)
- () Building Group Number
- () Number of Dwellings in Building Group
- D-16 Lot 16-16
- FF. 485.00 Proposed First Floor Elevation
- 512x0 Proposed Foot Elevation
- Existing Top Line
- Top Soil
- 2" Travelled Walkways to be Publicly Maintained
- Concrete Walk
- Macadam Walk
- Building Taper (See Conn. Sheet)
- Existing Trees to remain
- Railroad Tie Retaining Wall
- Fire Hydrant (See Utility)
- Walk (By Other)

PERMANENT SEEDING

Lime: 1 Ton/Acre agricultural ground limestone
 Fertilizer: 1000 lbs/Acre (0-10-10)
 Seeding: 100 lbs/Acre of the following:
 20% Kentucky Blue Grass
 20% Merian Blue Grass
 55% Creeping Red Fescue
 5% Redtop
 Mulch as stated under note 4 above
 Stabilization of slopes steeper than 3:1 shall be planted with crownvetch, inoculated 15#/Acre (0.34#/1000⁺) Kentucky 31 tall fescue 40#/Acre (1#/1000⁺).

All sediment control structures as shown are temporary.

* SOIL CONSERVATION SITE ANALYSIS

1. Total area of site : 15.25 Ac.
2. Total area to be disturbed : 15.85 Ac.
3. Total area to be roofed and paved : 6.25 Ac.
4. Total area to be vegetated : 7.60 Ac.

* Site analysis covers all of Parcel D-1

CERTIFICATION BY THE 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 are deemed necessary. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District."

Signature of Developer: *Kenneth A. McCord* Date: 7-30-76

CERTIFICATION BY THE 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."

Signature of Engineer: *Kenneth A. McCord* Date: 7-30-76
 Kenneth A. McCord - P.E. 1974

THIS PLAN HAS BEEN REVIEWED BY THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.

Signature: *Eric H. Horvath* Date: 10/28/76
 U.S. SOIL CONSERVATION DISTRICT - Science

THIS PLAN FOR SOIL EROSION AND SEDIMENT CONTROL MEETS THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

APPROVED: *R. Williams* 10/28/76
 HOWARD S.C.D.
 PLAN NUMBER SDP-77-09

OWEN BROWN-TATSFIELD DEVELOPMENT CO.
 OWNER
 10275 LITTLE PATUXENT PARKWAY
 COLUMBIA, MARYLAND

HOWARD HOMES DEVELOPMENT CORP.
 DEVELOPER
 P.O. Box 802, COLUMBIA MARYLAND

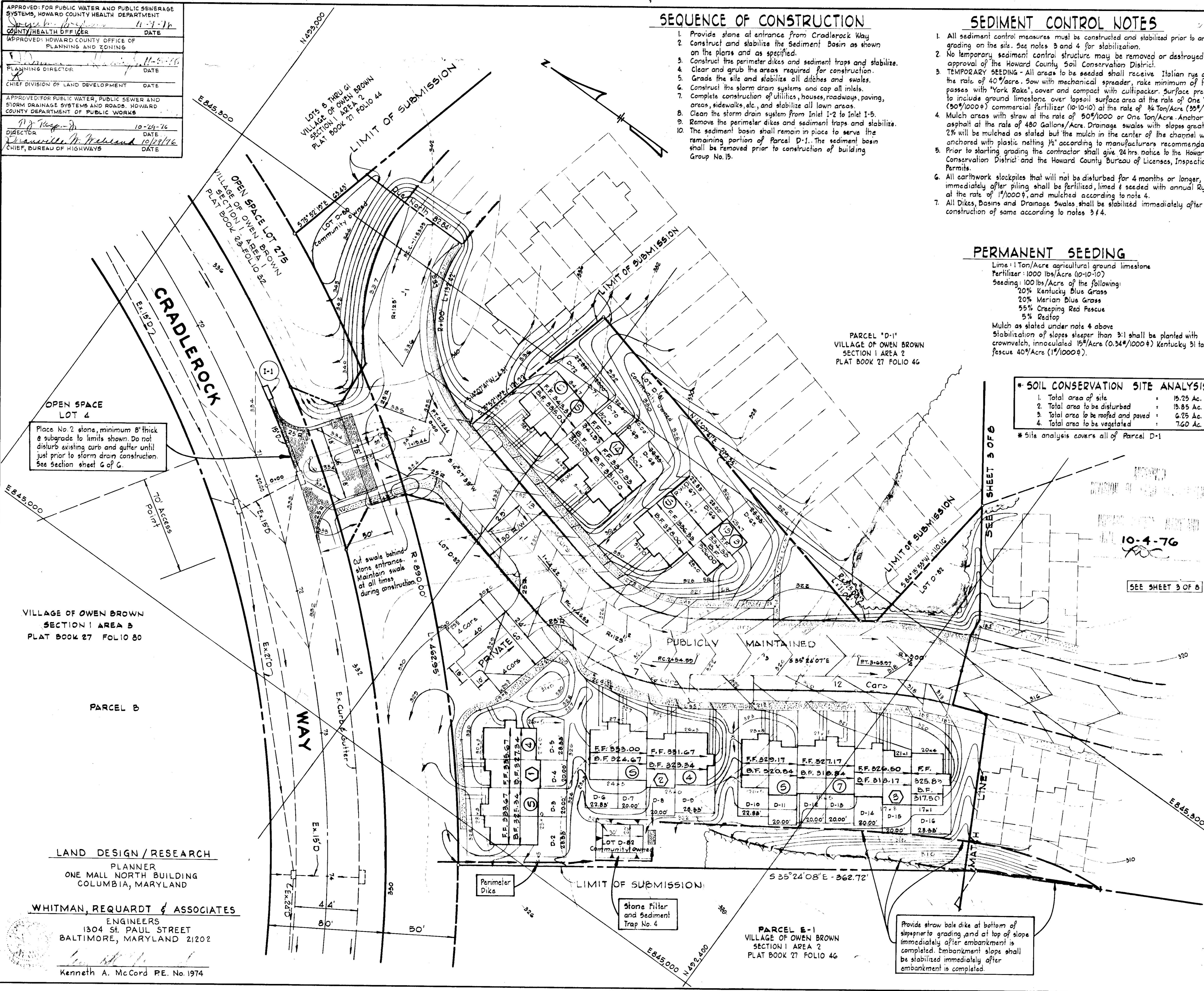
No.	DATE	DESCRIPTION OF REVISIONS

COLUMBIA SITE PLANS

FOR
 VILLAGE OF OWEN BROWN
 SECTION 1 AREA 2
 LOTS D-2 THRU D-82
 A RESUBDIVISION OF A PORTION OF PARCEL D-1
SEDIMENT CONTROL PLAN
 SHEET 4 OF 8

ELECTION DISTRICT NO. 6, HOWARD COUNTY, MARYLAND
 DATE: September 10, 1976
 SCALE: 1" = 30'

SDP-77-09c



OPEN SPACE LOT 4
 Place No. 2 stone, minimum 8" thick & subgrade to limits shown. Do not disturb existing curb and gutter until just prior to storm drain construction. See Section sheet G of G.

PARCEL "D-1"
 VILLAGE OF OWEN BROWN
 SECTION 1 AREA 2
 PLAT BOOK 27 FOLIO 46

* SOIL CONSERVATION SITE ANALYSIS
 1. Total area of site : 15.25 Ac.
 2. Total area to be disturbed : 15.85 Ac.
 3. Total area to be roofed and paved : 6.25 Ac.
 4. Total area to be vegetated : 7.60 Ac.
 * Site analysis covers all of Parcel D-1

10-4-76
 SEE SHEET 3 OF 8

Provide straw bale dike at bottom of slope prior to grading and at top of slope immediately after embankment is completed. Embankment slope shall be stabilized immediately after embankment is completed.

PARCEL E-1
 VILLAGE OF OWEN BROWN
 SECTION 1 AREA 2
 PLAT BOOK 27 FOLIO 46

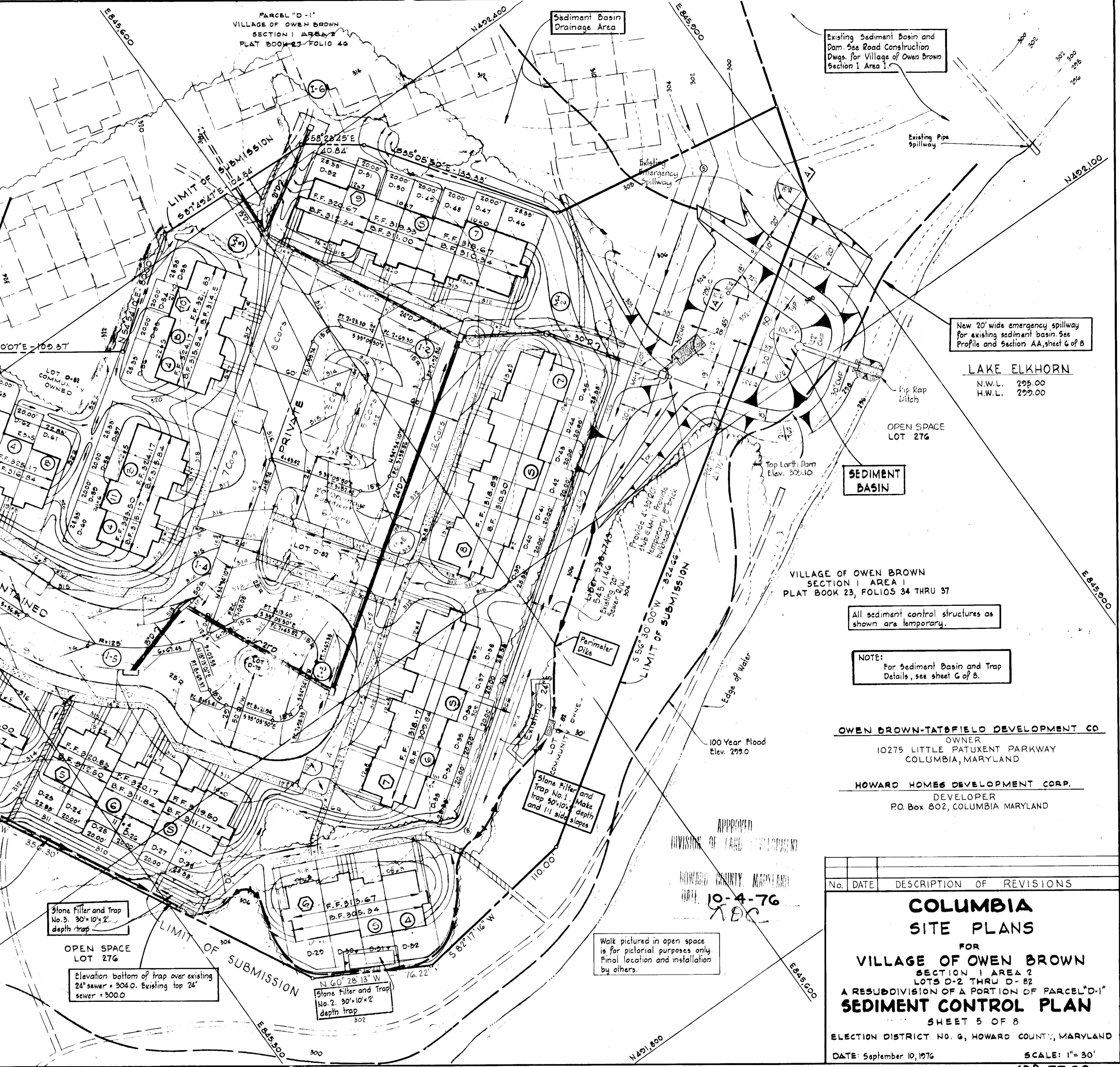
LAND DESIGN / RESEARCH
 PLANNER
 ONE MALL NORTH BUILDING
 COLUMBIA, MARYLAND

WHITMAN, REQUARDT & ASSOCIATES
 ENGINEERS
 1304 ST. PAUL STREET
 BALTIMORE, MARYLAND 21202
 Kenneth A. McCord P.E. No. 1974

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICE DATE 11-4-76
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 PLANNING DIRECTOR DATE
 CHIEF DIVISION OF LAND DEVELOPMENT DATE
 APPROVED FOR PUBLIC WATER, PUBLIC SEWER AND STORM DRAINAGE SYSTEMS AND ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR DATE 10-24-76
 CHIEF, BUREAU OF HIGHWAYS DATE

THIS PLAN HAS BEEN REVIEWED BY THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.
 U.S. SOIL CONSERVATION DISTRICT - SERVICE DATE
 PLAN NUMBER SDP-77-09

THIS PLAN FOR SOIL EROSION AND SEDIMENT CONTROL MEETS THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 HOWARD S.C.D. DATE
 PLAN NUMBER SDP-77-09



- LEGEND**
- 400 Existing contours (2' Interval)
 - 400 Proposed contours (1' Interval)
 - Building Group Number
 - Number of Dwellings in Building Group
 - Proposed First Floor Elevation
 - Proposed Foot Elevation
 - Existing Tree Line
 - Top of Walk
 - 20' Travelled Walkway to the Publicly Maintained Concrete Walk
 - Maximum Walk
 - Planting Types (See Cover Sheet)
 - Existing Trees to remain
 - Railroad Tie Retaining Wall
 - Fire Hydrant (By Others)
 - Walk (By Others)

Existing Sediment Basin and Dam See Road Construction Dwg. for Village of Owen Brown Section I Area 1.

New 20' wide emergency spillway for existing sediment basin. See Profile and Section AA, sheet G of B.

LAKE ELKHORN
 N.W.L. 295.00
 H.W.L. 299.00

SEDIMENT BASIN

VILLAGE OF OWEN BROWN
 SECTION I AREA 1
 PLAT BOOK 23, FOLIOS 34 THRU 37

All sediment control structures as shown are temporary.

NOTE:
 For Sediment Basin and Trap Details, see sheet G of B.

OWEN BROWN-TATSFIELD DEVELOPMENT CO.
 OWNER
 10275 LITTLE PATUXENT PARKWAY
 COLUMBIA, MARYLAND

HOWARD HOMES DEVELOPMENT CORP.
 DEVELOPER
 P.O. Box 802, COLUMBIA MARYLAND

APPROVED
 DIVISION OF LAND DEVELOPMENT
 HOWARD COUNTY, MARYLAND
 DATE 10-4-76
 XDC

No.	DATE	DESCRIPTION OF REVISIONS

COLUMBIA SITE PLANS
 FOR
VILLAGE OF OWEN BROWN
 SECTION I AREA 1
 LOTS D-2 THRU D-82
 A RESUBDIVISION OF A PORTION OF PARCEL "D-1"
SEDIMENT CONTROL PLAN
 SHEET 5 OF 8
 ELECTION DISTRICT NO. 6, HOWARD COUNTY, MARYLAND
 DATE: September 10, 1976 SCALE: 1" = 30'
 SDP-77-09c

CERTIFICATION BY THE 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 are deemed necessary. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District."
 Signature of Developer Date 7-30-76

CERTIFICATION BY THE ENGINEER
 "I certify that this plan for Erosion and Sediment Control represents a practice 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 of Engineer Date 7-30-76
 Kenneth A. Mc Cord - P.E. 1974

SEE SHEET 2 OF 8

Parimeter Dike

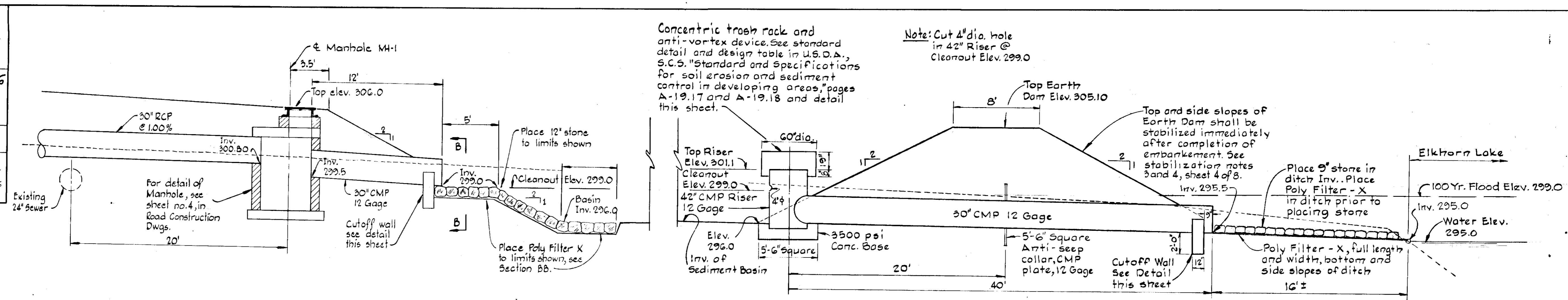
Stone Filter and Trap No. 3. 30'x10'x2' depth trap

OPEN SPACE LOT 276
 Elevation bottom of trap over existing 24" sewer = 304.0. Existing top 24" sewer = 300.0

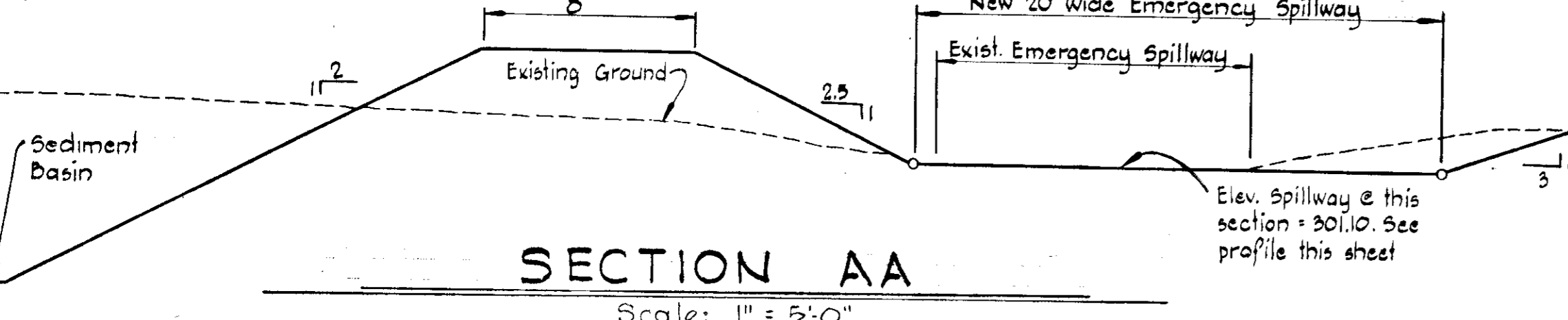
Stone Filter and Trap No. 2. 30'x10'x2' depth trap

Walk pictured in open space is for pictorial purposes only. Final location and installation by others.

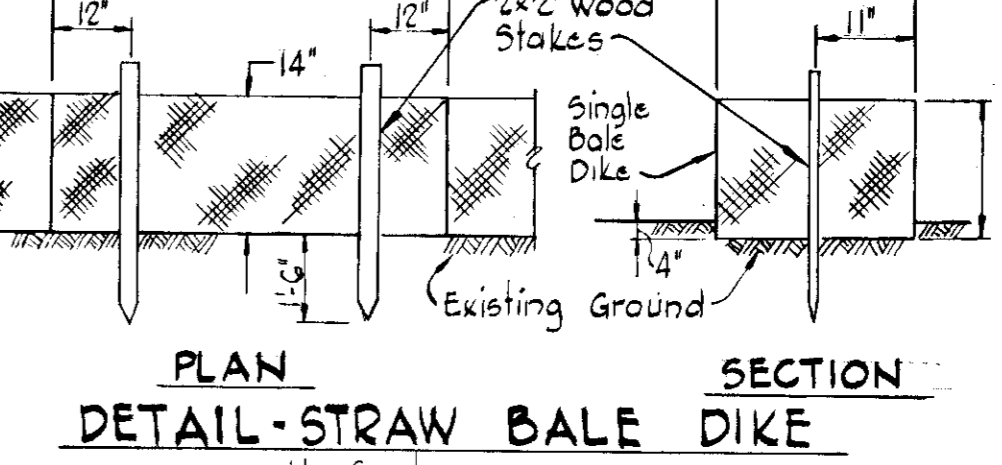
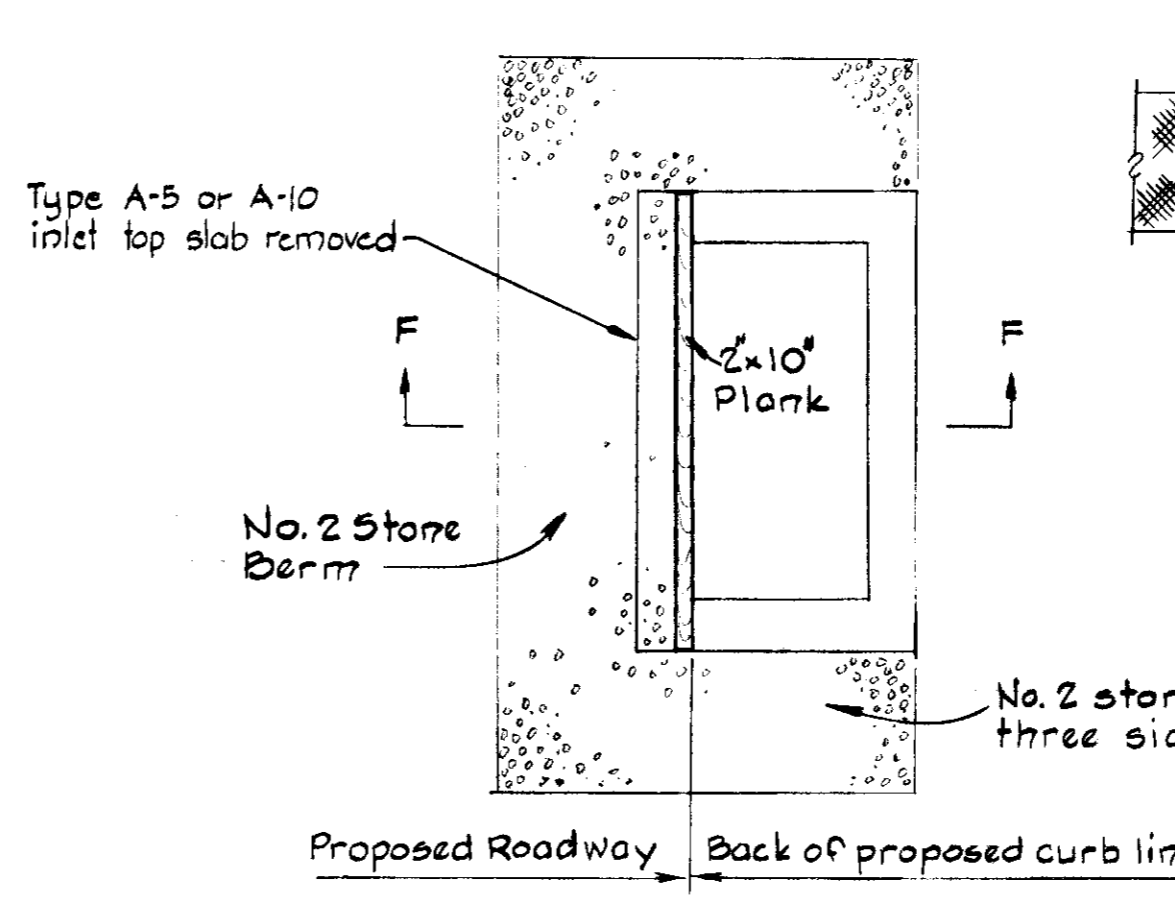
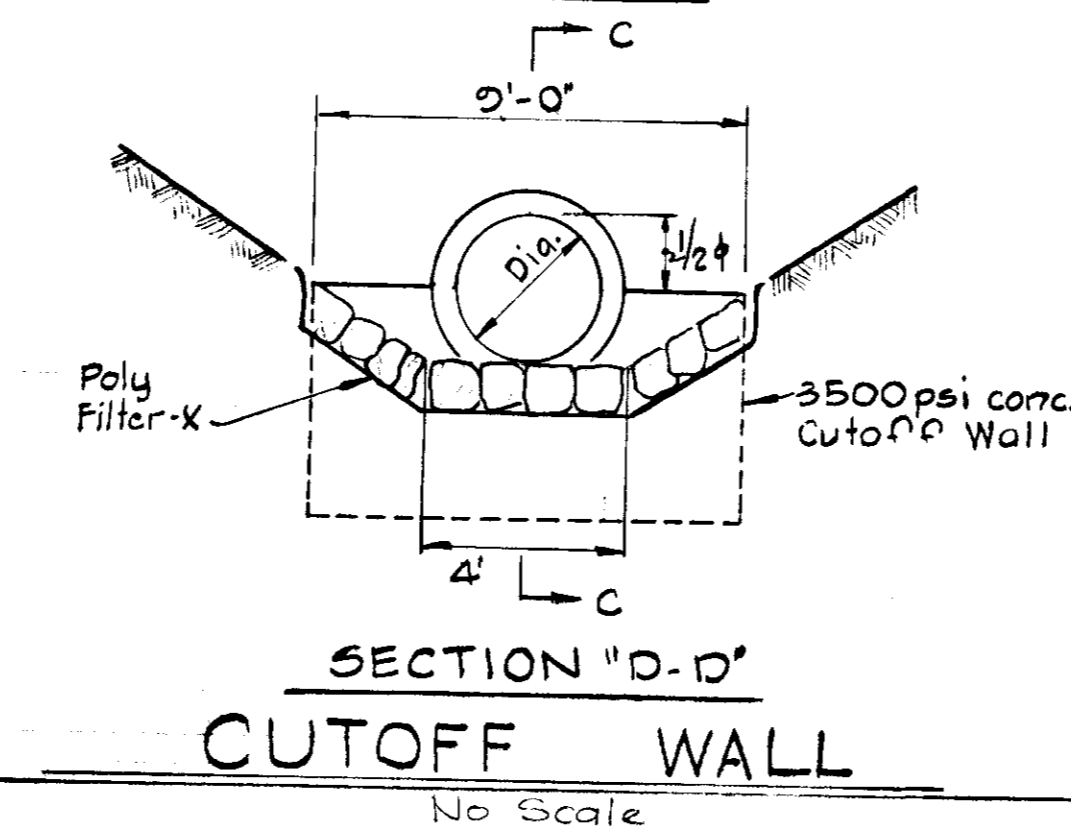
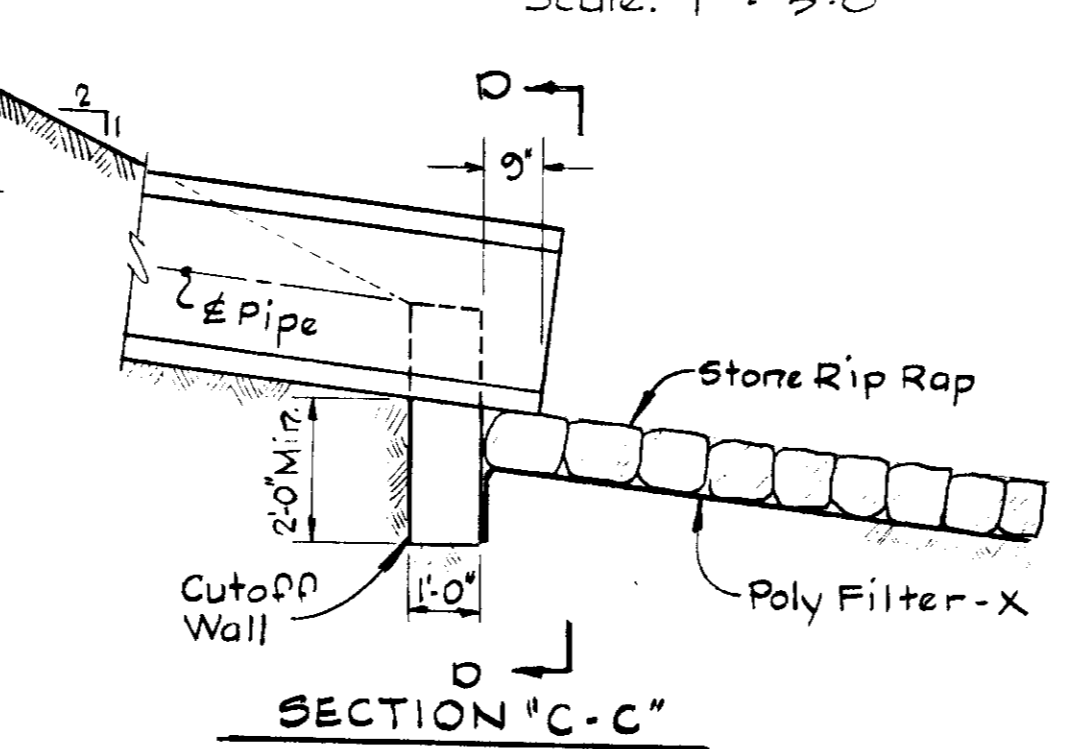
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER
 DATE 11-4-76
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 PLANNING DIRECTOR
 DATE 11-5-76
 CHIEF DIVISION OF LAND DEVELOPMENT
 APPROVED FOR PUBLIC WATER, PUBLIC SEWER AND STORM DRAINAGE SYSTEMS AND ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR
 DATE 10-29-76
 CHIEF, BUREAU OF HIGHWAYS



Top and side slopes of Earth Dam and new emergency spillway shall be stabilized.

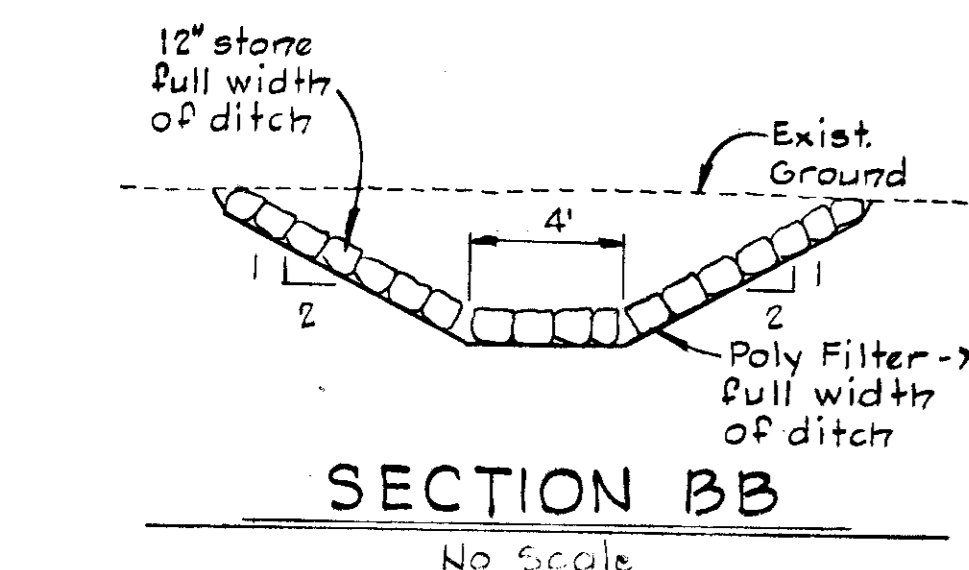


SECTION - SEDIMENT BASIN
 Scale: 1" = 5'-0"



CERTIFICATION BY THE 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 are deemed necessary. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District."
 Signature of Developer: *Eric V. Hennan* Date: 7-30-76

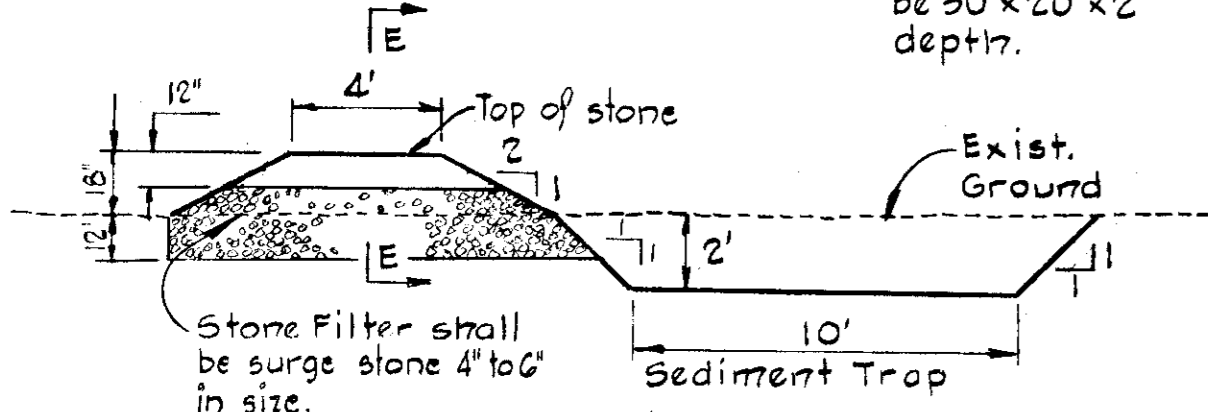
CERTIFICATION BY THE ENGINEER
 "I certify that this plan for Erosion and Sediment Control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District."
 Signature of Engineer: *Kenneth A. McCard* Date: 7-30-76



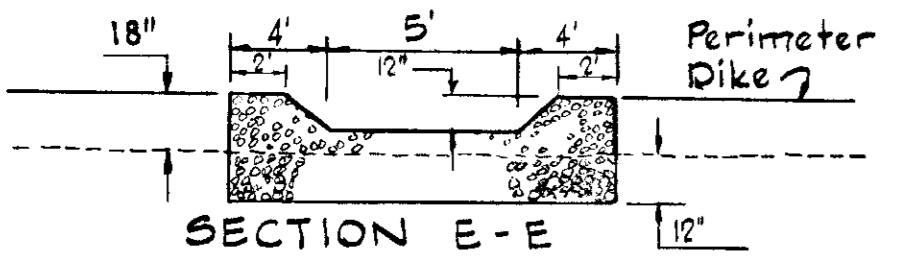
NOTE: Make Top of Perimeter Dike 4' wide to meet Stone Filter

NOTE: Dimensions for Trap No. 4 shall be 30' x 20' x 2' depth.

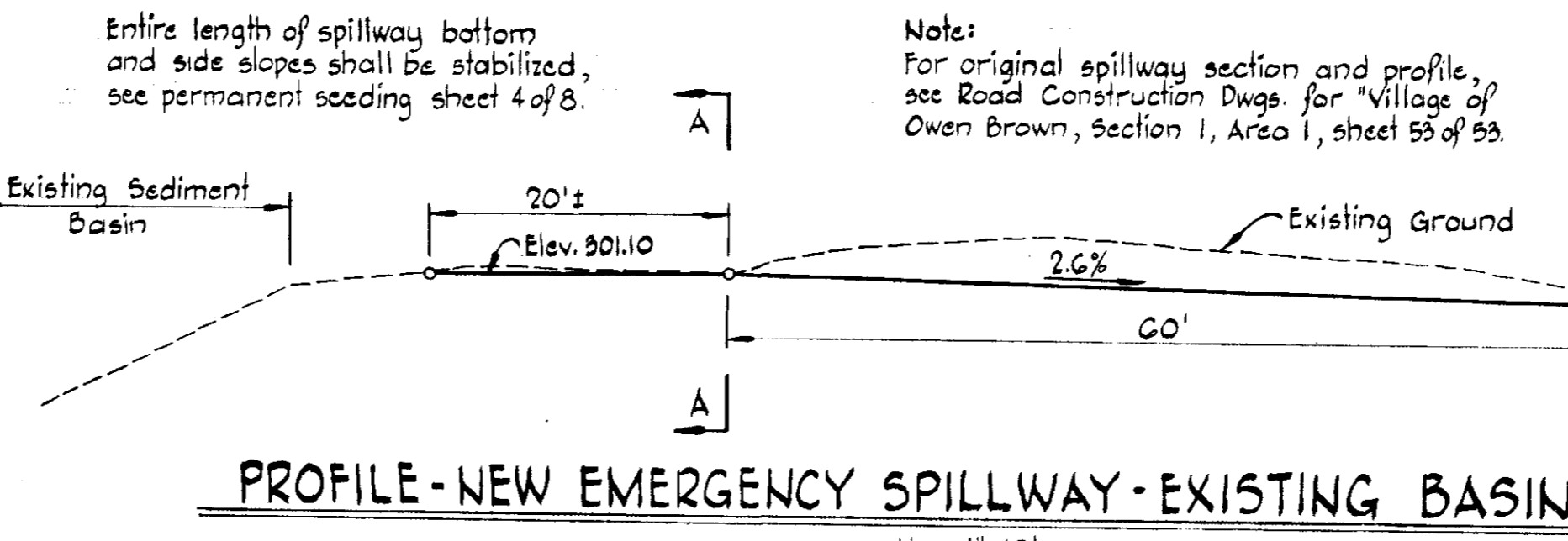
SEDIMENT TRAP NO. 1	
Drainage Area	= 0.50 Acres
Sediment Vol. Req'd.	= 34 c.y.
Sediment Vol. Avail.	= 34 c.y.
Disturbed Area	= 0.50 Acres
SEDIMENT TRAP NO. 2	
Drainage Area	= 0.28 Acres
Sediment Vol. Req'd.	= 19 c.y.
Sediment Vol. Avail.	= 22 c.y.
Disturbed Area	= 0.28 Acres
SEDIMENT TRAP NO. 3	
Drainage Area	= 0.28 Acres
Sediment Vol. Req'd.	= 19 c.y.
Sediment Vol. Avail.	= 22 c.y.
Disturbed Area	= 0.28 Acres
SEDIMENT TRAP NO. 4	
Drainage Area	= 0.60 Acres
Sediment Vol. Req'd.	= 40 c.y.
Sediment Vol. Avail.	= 44 c.y.
Disturbed Area	= 0.60 Acres



Note: All traps shall be cleaned out when approx. one-half of trap volume is attained.

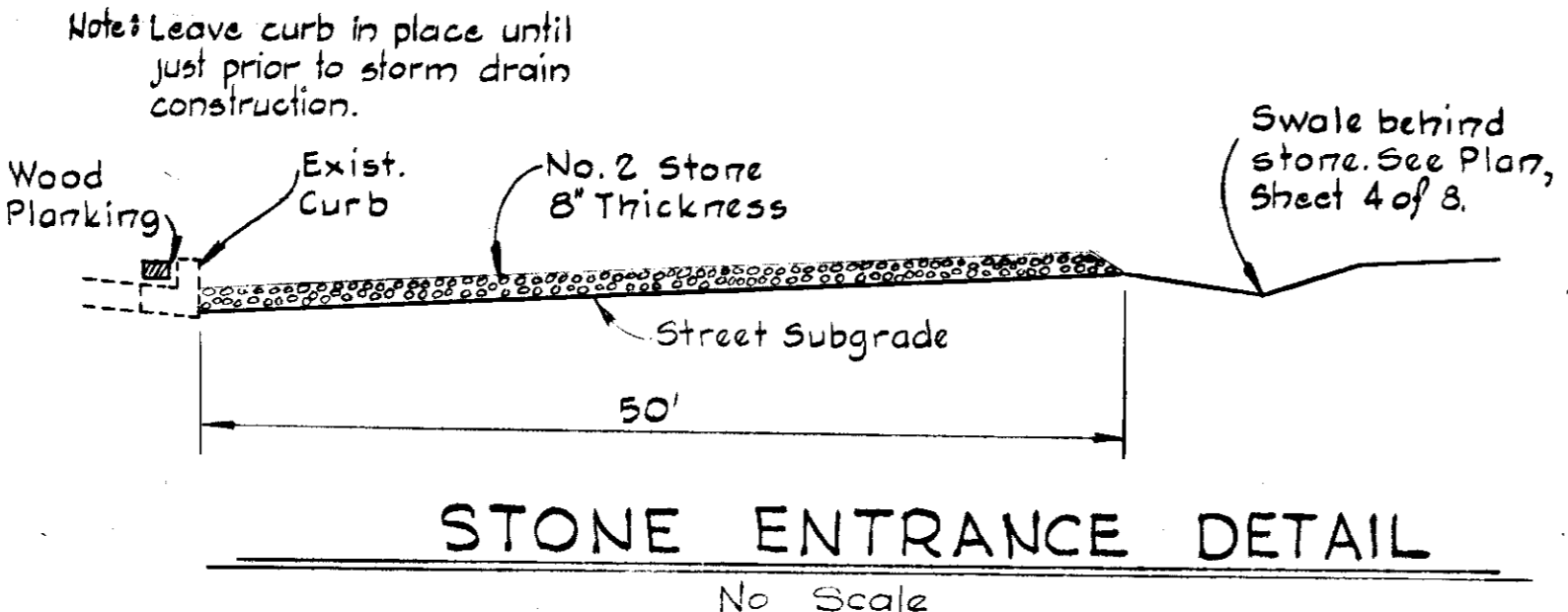


DETAIL - TRAP NO. 1, 2, 3 & 4
 No Scale:



Entire length of spillway bottom and side slopes shall be stabilized, see permanent seeding sheet 4 of 8.

Notes: For original spillway section and profile, see Road Construction Dwg. for "Village of Owen Brown, Section 1, Area 1, sheet 53 of 53."



Note: Leave curb in place until just prior to storm drain construction.

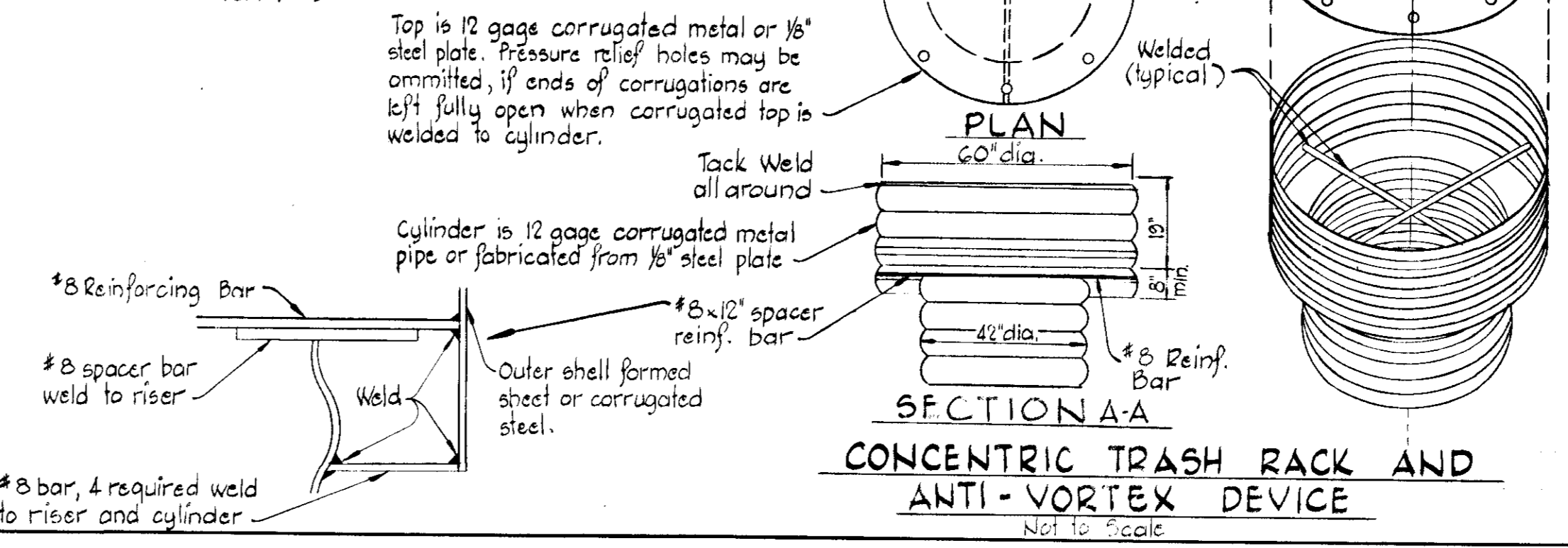
Swale behind stone. See Plan, Sheet 4 of 8.

STONE ENTRANCE DETAIL
 No Scale

SECTION F-F
 ROADWAY INLET



Secure 2x10 plank across opening of inlet to prevent silting of inlet.
 Provide 4x8 opening in three sides of inlet covered with wire mesh. Opening in wire mesh not to exceed 1/2" square.



Top is 12 gage corrugated metal or 1/8" steel plate. Pressure relief holes may be omitted, if ends of corrugations are left fully open when corrugated top is welded to cylinder.

Cylinder is 12 gage corrugated metal pipe or fabricated from 1/8" steel plate.

CONCENTRIC TRASH RACK AND ANTI-VORTEX DEVICE
 Not to Scale

APPROVED
 DIVISION OF LAND DEVELOPMENT
 HOWARD COUNTY, MARYLAND
 DATE 10-4-76
KDC

THIS PLAN HAS BEEN REVIEWED BY THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.
 Signature: *Eric V. Hennan* Date: 10/28/76
 U.S. SOIL CONSERVATION DISTRICT SERVICE

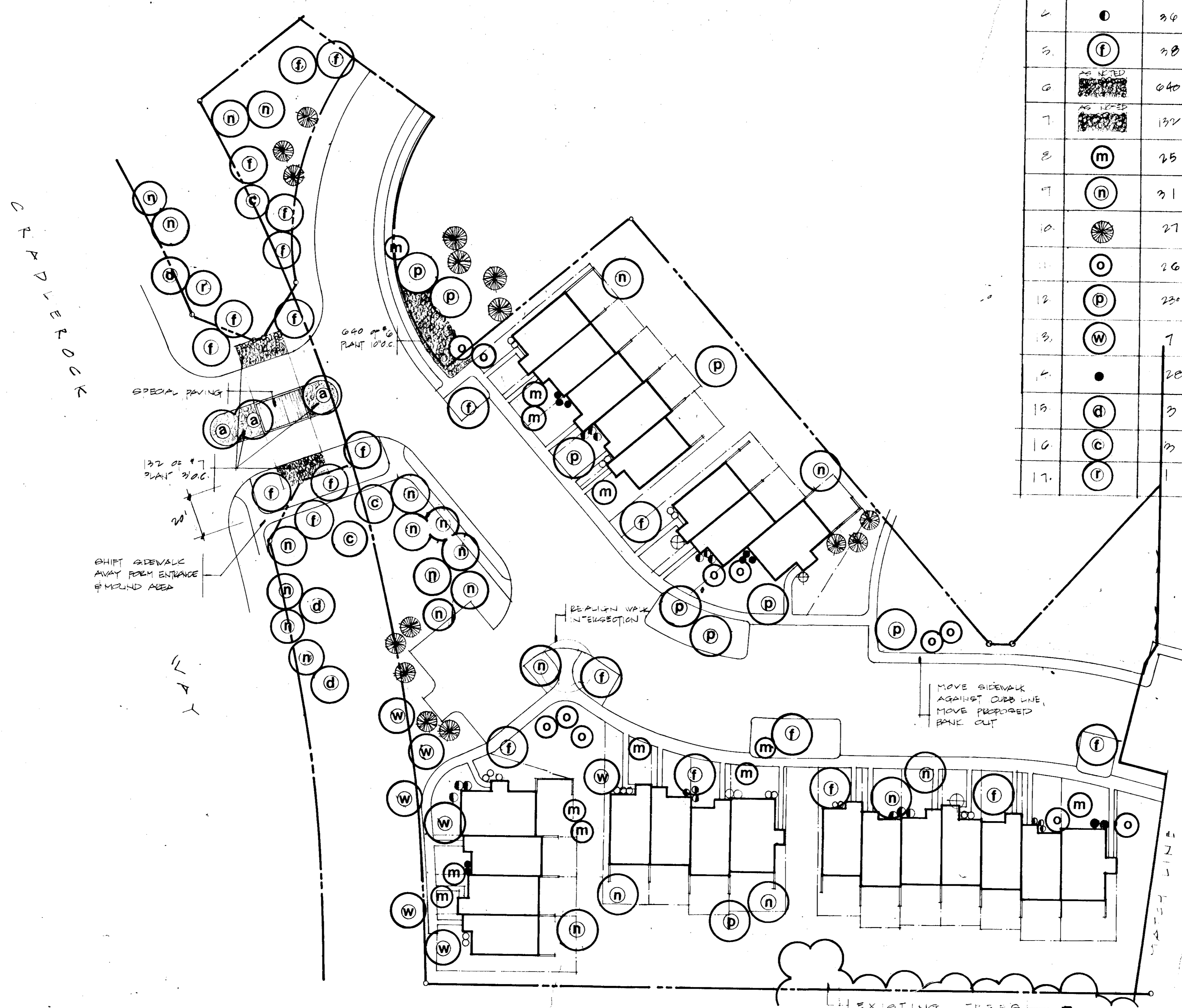
THIS PLAN FOR SOIL EROSION AND SEDIMENT CONTROL MEETS THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 APPROVED: *Robert J. Zehm* 10/28/76
 HOWARD S.C.D. Date: _____
 PLAN NUMBER

OWEN BROWN-TATSFIELD DEVELOPMENT CO.
 OWNER
 10275 LITTLE PATUXENT PARKWAY
 COLUMBIA, MARYLAND

HOWARD HOMES DEVELOPMENT CORP.
 DEVELOPER
 P.O. BOX 802, COLUMBIA, MARYLAND

NO.	DATE	DESCRIPTION OF REVISION

COLUMBIA SITE PLANS
 FOR
VILLAGE OF OWEN BROWN
 SECTION 1 AREA 2
 LOTS D-2 THRU D-82
A RESUBDIVISION OF A PORTION OF PARCEL "D-1"
SEDIMENT CONTROL PLAN
 SHEET 6 OF 8
 ELECTION DISTRICT NO. 6, HOWARD COUNTY, MARYLAND
 DATE: September 10, 1976
 SCALE: 1" = 30'



PLANT LIST - SHEET-L1 & L2

NO.	SYMBOL	QUAN.	SIZE	PLANT NAME	REMARKS
1.	(a)	3	2 1/2" CAL	ACER SACCHARUM SUGAR MAPLE	BFB
2.	(b)	13	2 1/4" CAL	EUONYMUS ALATA WINGED EUONYMUS	BFB
3.	(c)	54	24 3/4" CAL	EUONYMUS SIEBOLDIANUS SIEBOLDI EUONYMUS	BFB
4.	(d)	30	24 3/4" CAL	TAXUS BREVIFOLIA SPREADING YEW	BFB
5.	(f)	30	2 1/2" CAL	FRAXINUS LANCEOLATA MARSHALLS REDBUD GREEN ASH	BFB
6.	(g)	040	2 1/2" CAL	HEDELA HELIX ENGLISH IVY	PLTS
7.	(h)	137	15-18" SPD	JUNIPERUS PLUMBOA COMPACTA ANDORRA JUNIPER	CANS
8.	(m)	25	2 1/2" CAL	MALUS RADIANZ RADIANT CRABAPPLE	BFB
9.	(n)	31	2 1/2" CAL	NYSSA SYLVATICA TUPELO	BFB
10.	(o)	27	2 1/2" CAL	PINUS NIGRA AUSTRIAN PINE	BFB
11.	(p)	26	2 1/2" CAL	PRUNUS YEDDENIS YOSHINO CHERRY	BFB
12.	(q)	23	2 1/2" CAL	PLATANUS ACERIFOLIA LONDON PLANE TREE	BFB
13.	(w)	7	2 1/2" CAL	SALIX NIOBE WEeping WILLOW	BFB
14.	(r)	20	24 3/4" CAL	VIBURNUM BHTIDOPHYLLUM LEATHERLEAF VIBURNUM	BFB
15.	(s)	3	2 1/2" CAL	CORNUS FLORIDA DOGWOOD	BFB SPECIMEN
16.	(t)	3	2 1/2" CAL	CARYA ALBA SHAGBARK HICKORY	BFB
17.	(u)	1	2 1/2" CAL	QUEBUS VELUTINA BLACK OAK	BFB

APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: Robert D. Chinn DATE: 11-4-76
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 PLANNING DIRECTOR: Robert D. Chinn DATE: 11-5-76
 CHIEF, DIVISION OF LAND DEVELOPMENT: Thomas L. Haney DATE: 11-5-76
 APPROVED FOR PUBLIC WATER, PUBLIC SEWER AND STORM DRAINAGE SYSTEMS AND ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: John Pagan DATE: 10-29-76
 CHIEF BUREAU OF HIGHWAYS: James M. Wilstead DATE: 10-29-76

APPROVED
 DIVISION OF LAND DEVELOPMENT
 HOWARD COUNTY, MARYLAND
 DATE: 10-4-76
RDC



PLANTING PLAN LOTS D-2 THRU D-76

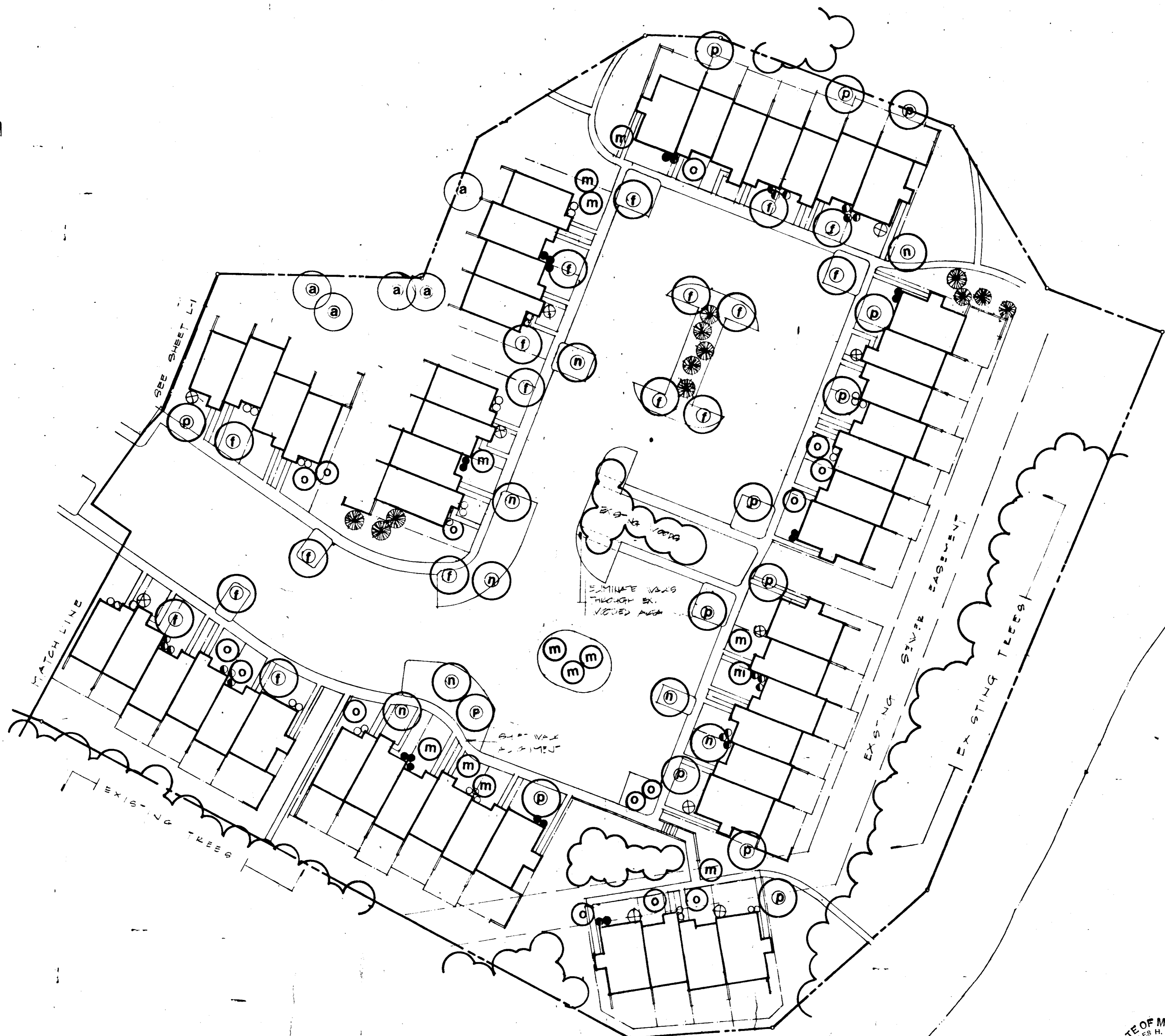


LD LAND DESIGN / RESEARCH, INC.
 ONE MALL NORTH SUITE 400
 COLUMBIA, MARYLAND

ELKHORN LANDING
 HOWARD HOMES DEVELOPMENT CORP.
 VILLAGE OF OVEN BROWN - SECT. 1, AREA 2
 LOTS D-2 THRU D-76 SHEET D-1

DATE	DEPT 11-76	REVISIONS: OCT 26, 1976 PJG
SCALE	1/8" = 1'-0"	
DRAWN	CS:701	
CHECKED		

7 OF 8 FILE



APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
Joseph M. Bond 11-4-76
 COUNTY HEALTH OFFICER DATE
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
Thomas A. Harris 11-5-76
 PLANNING DIRECTOR DATE
Robert D. Cline 11-5-76
 CHIEF DIVISION OF LAND DEVELOPMENT DATE
Thomas A. Harris 11-5-76
 APPROVED FOR PUBLIC WATER, PUBLIC SEWER AND STORM DRAINAGE SYSTEMS AND ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
T. J. Regan 10-29-76
 DIRECTOR DATE
Granville W. Belland 10/29/76
 CHIEF BUREAU OF HIGHWAYS DATE

LAKE ELKHORN
 APPROVED
 DIVISION OF LAND DEVELOPMENT
 HOWARD COUNTY, MARYLAND
 DATE 10-4-76
 TJC



PLANTING PLAN L1, D2 THRU D-76

LD LAND DESIGN / RESEARCH, INC.
 ONE MALL NORTH SUITE 600
 COLUMBIA, MARYLAND

ELKHORN LANDING
 HOWARD HOMES DEVELOPMENT CORP
 VILLAGE OF EVEN DRAWN - BEST P. AREA 2
 L1 D2 THRU D-76 PARCEL D1

DATE	APR. 14, 1976	REVISIONS	
SCALE	1" = 20' 0"	001 - 18, 1976 - CG	
DRAWN	CSB/PSJ	001 25, 1976 - RJB	
CHECKED			

8 of 8 FILE
 SDP-77-09c

