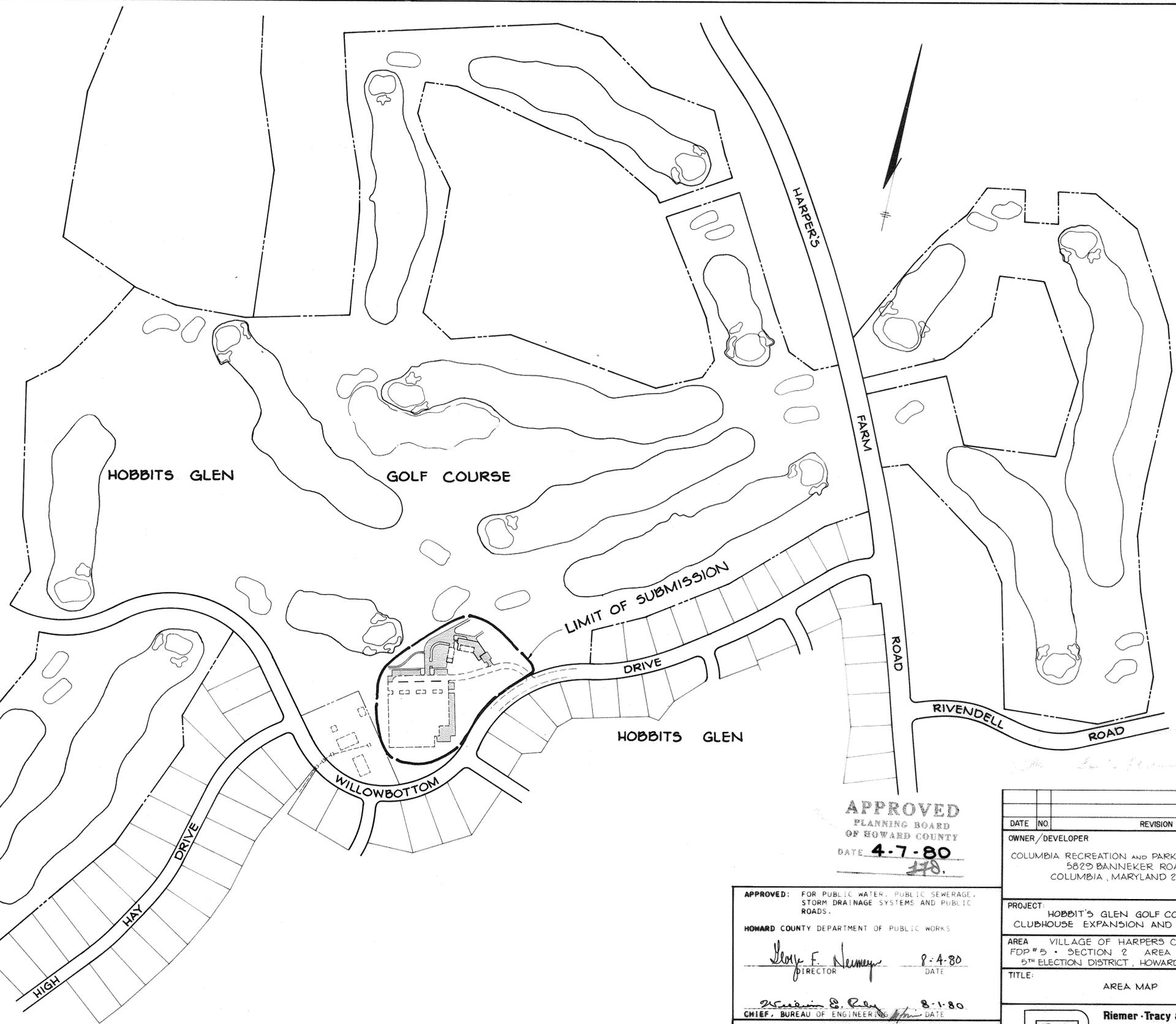


**VICINITY MAP**  
Scale 1"=2000



**APPROVED**  
PLANNING BOARD  
OF HOWARD COUNTY  
DATE **4-7-80**  
*178*

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

*Steve F. Newmyer* 8-4-80  
DIRECTOR DATE

*William S. Ray* 8-1-80  
CHIEF, BUREAU OF ENGINEERING DATE

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

*John W. Zydor* 8-5-80  
COUNTY HEALTH OFFICER DATE

**APPROVED:** HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

*John M. Mumman* 8-7-80  
PLANNING DIRECTOR DATE

*Chris P. Davis* 8-7-80  
ACTING CHIEF, DIVISION OF LAND DEVELOPMENT DATE

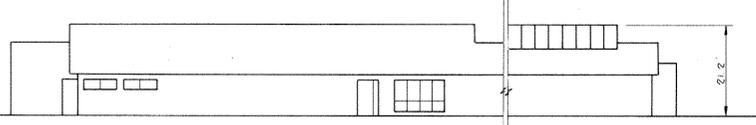
DATE	NO.	REVISION
OWNER/DEVELOPER		
COLUMBIA RECREATION AND PARKS ASSOCIATION 5829 BANNEKER ROAD COLUMBIA, MARYLAND 21044		
PROJECT:		
HOBBIT'S GLEN GOLF COURSE CLUBHOUSE EXPANSION AND RENOVATION		
AREA		
VILLAGE OF HARPERS CHOICE FDP # 5 - SECTION 2 AREA 1 - PARCEL 135 5TH ELECTION DISTRICT, HOWARD COUNTY MD		
TITLE:		
AREA MAP		
<b>Riemer-Tracy &amp; Associates, Inc.</b> <small>8559 Baltimore National Pike Ellicott City, Maryland 21043 (301) 461-2690 Land Planning, Design &amp; Civil Engineering</small>		
DATE: 11-28-79		
TAX MAP 25 4G3/19G		
DESIGNED BY: M.G.R.		
DRAWN BY: R.J.W.		
PROJECT NO: 2679		
DATE: JANUARY 15, 1980		
SCALE: 1"=200'		
DRAWING NO. 1 OF 5		

SITE DATA

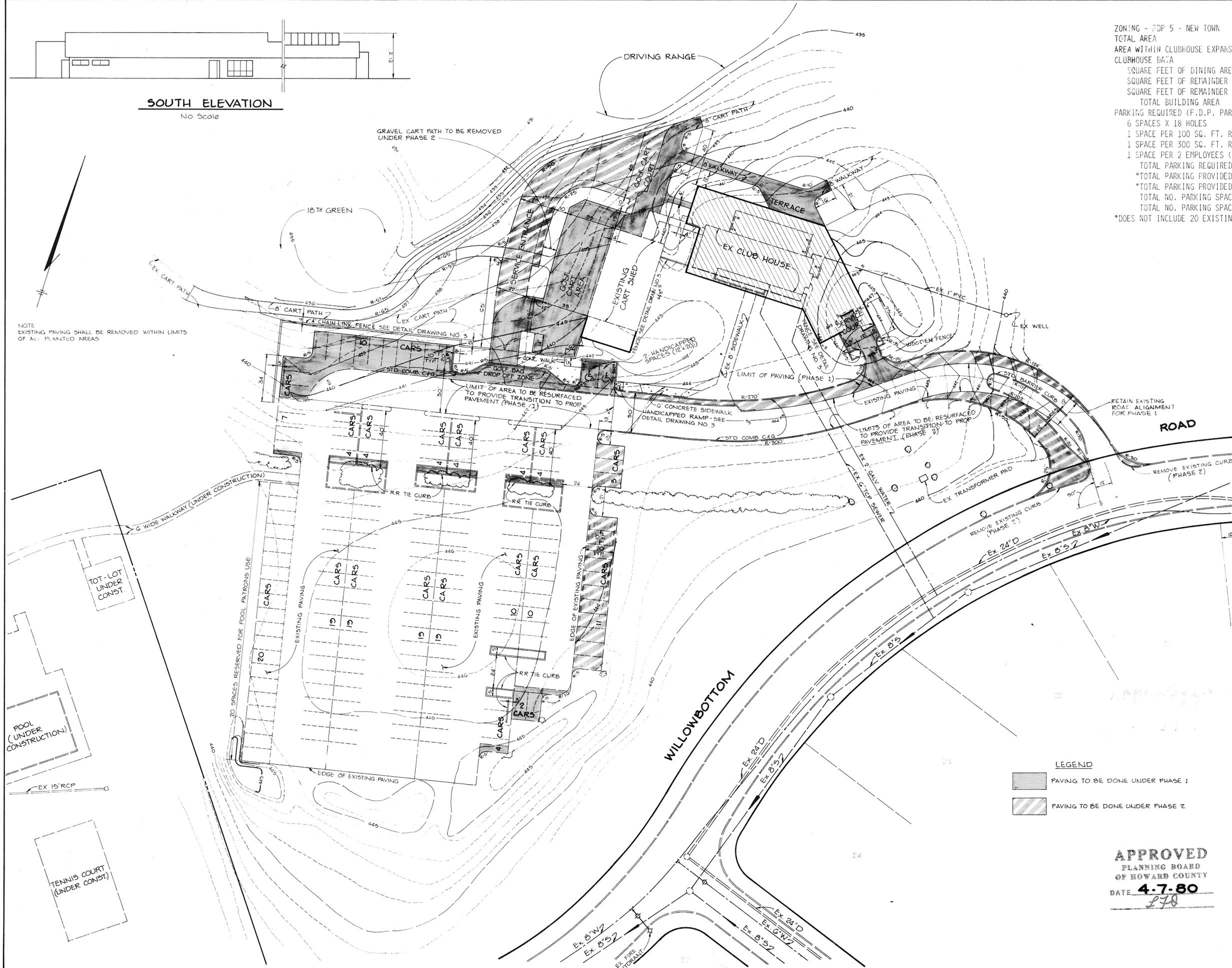
ZONING - FDP 5 - NEW TOWN	OPEN SPACE
TOTAL AREA	181.5 AC.
AREA WITHIN CLUBHOUSE EXPANSION	5.50 AC.±
CLUBHOUSE DATA	
SQUARE FEET OF DINING AREA	1670 SQ. FT.
SQUARE FEET OF REMAINDER OF BUILDING (PHASE 1) 5000 SQ. FT.	7190 SQ. FT.
SQUARE FEET OF REMAINDER OF BUILDING (PHASE 2) 2190 SQ. FT.	8360 SQ. FT.
TOTAL BUILDING AREA	
PARKING REQUIRED (F.D.P. PAR 9):	
6 SPACES X 18 HOLES	108 SPACES
1 SPACE PER 100 SQ. FT. RESTAURANT	17 SPACES
1 SPACE PER 300 SQ. FT. REMAINDER OF BUILDING	10 SPACES
1 SPACE PER 2 EMPLOYEES (8 EMPLOYEES)	4 SPACES
TOTAL PARKING REQUIRED	159 SPACES
*TOTAL PARKING PROVIDED (PHASE 1) 145 SPACES	159 SPACES
*TOTAL PARKING PROVIDED (PHASE 2) 14 SPACES	
TOTAL NO. PARKING SPACES EXISTING	130 SPACES
TOTAL NO. PARKING SPACES ADDED	29 SPACES
*DOES NOT INCLUDE 20 EXISTING PARKING SPACES FOR POOL USE.	

**SOUTH ELEVATION**

No Scale



NOTE  
EXISTING PAVING SHALL BE REMOVED WITHIN LIMITS  
OF ALL PLANTED AREAS



APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

*George F. Neunig* 8-4-80  
DIRECTOR DATE

*Norman S. Kelly* 8-1-80  
CHIEF, BUREAU OF ENGINEERING DATE

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

*Joseph A. Adams* 8-5-80  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

*John W. Murchison* 8-7-80  
PLANNING DIRECTOR DATE

*James F. Jones* 8-7-80  
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

4-17-80 Δ REVISED AS PER C.A. AND HC AGENCY COMMENTS

DATE	NO.	REVISION

OWNER/DEVELOPER  
COLUMBIA RECREATION AND PARKS ASSOCIATION  
5829 BANNER ROAD  
COLUMBIA, MARYLAND 21044

PROJECT: HOBBIT'S GLEN GOLF COURSE CLUBHOUSE EXPANSION AND RENOVATION

AREA: VILLAGE OF HARPERS CHOICE FDP# B - SECTION 2 AREA 1 - PARCEL 135 5TH ELECTION DISTRICT, HOWARD COUNTY MD

TITLE: SITE DEVELOPMENT PLAN

**TR** **Riemer Tracy & Associates, Inc.**  
8659 Baltimore National Pike  
Ellicott City, Maryland 21043  
(301) 461-2690  
Land Planning, Design & Civil Engineering

11-28-79  
TAX MAP 25 4G3/15G

DESIGNED BY: M.G.R.

DRAWN BY: R.J.W.

PROJECT NO: 2679

DATE: JANUARY 15, 1980

SCALE: 1"=30'

DRAWING NO. 2 OF 5

*Donald H. Tracy*  
PROFESSIONAL ENGR. NO. 9566

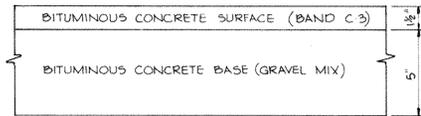
APPROVED  
PLANNING BOARD  
OF HOWARD COUNTY  
DATE **4-7-80**  
*278*

**LEGEND**

☐ PAVING TO BE DONE UNDER PHASE 1

▨ PAVING TO BE DONE UNDER PHASE 2

MANTLAND BLUEPRINT CO. INC.

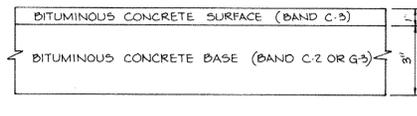


(HOWARD COUNTY STANDARD (DRAWING D-5, PAGE 60))

CLEARING AND GRADING ARTICLE C-1  
 SUBGRADE ARTICLE C-2  
 BASE COURSE ARTICLE C-3  
 SURFACE COURSE ARTICLE C-3

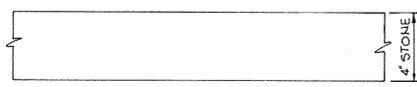
**DRIVEWAY PAVING**

- NOTES
1. A TACK COAT IS REQUIRED IN ACCORDANCE WITH SECTION C-31.4 OF THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND SPECIFICATIONS.
  2. BASE WILL BE PRIMED IN ACCORDANCE WITH SECTION C-30.3 OF THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND SPECIFICATIONS.
  3. TO BE CONSTRUCTED IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND SPECIFICATIONS.



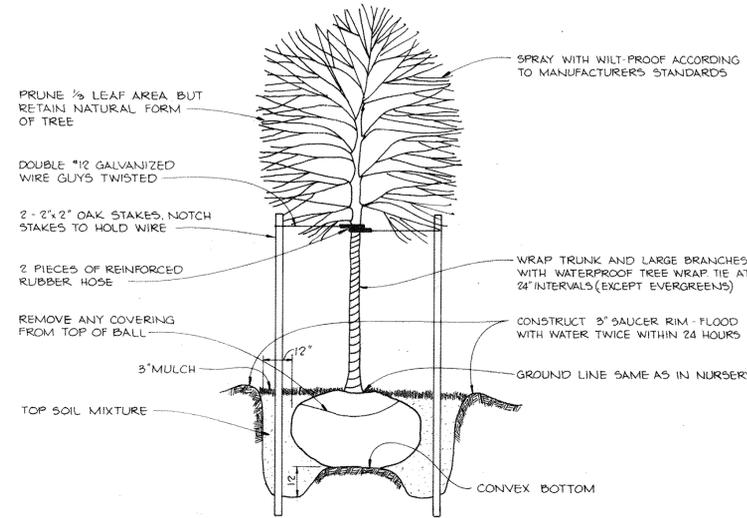
CLEARING AND GRADING ARTICLE C-1  
 SUBGRADE ARTICLE C-2  
 BASE COURSE ARTICLE C-3 OR C-33  
 SURFACE COURSE ARTICLE C-31

**PARKING LOT PAVING**



NOTE: STONE SHALL BE SRC #7 AND SHALL BE IN FULL COMPLIANCE WITH THE REQUIREMENTS OF THE APPROPRIATE SECTION OF THE STATE OF MARYLAND STATE ROADS COMMISSION, "SPECIFICATIONS FOR MATERIALS, HIGHWAYS, BRIDGES AND INCIDENTAL STRUCTURES"

**CART PATH AND WALKWAY PAVING**



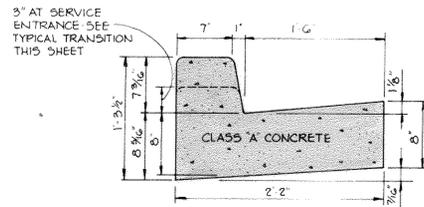
**TREE PLANTING DETAIL**

No Scale

NO PLANTING OR LANDSCAPING INCLUDED IN THIS CONTRACT

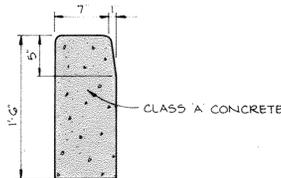
**PAVING DETAILS**

No Scale



HOWARD COUNTY STANDARD (DRAWING D-40 PAGE 35)

TYPICAL TRANSITION @ SERVICE ENTRANCE NO SCALE

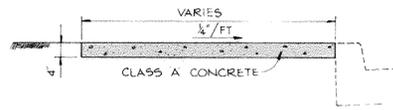


**STANDARD 7" COMBINATION CURB AND GUTTER**

No Scale

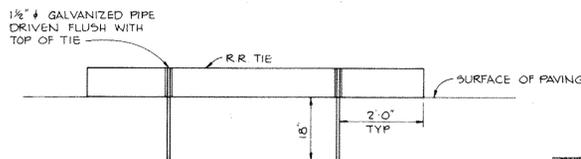
**STANDARD BARRIER CURB**

No Scale



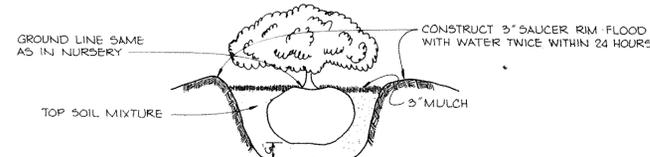
**SIDEWALK DETAIL**

No Scale



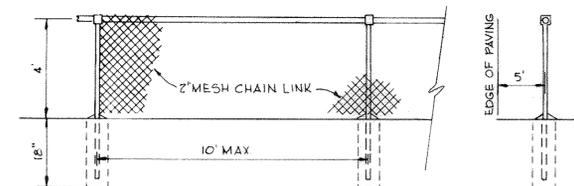
**R.R. TIE CURB DETAIL**

No Scale



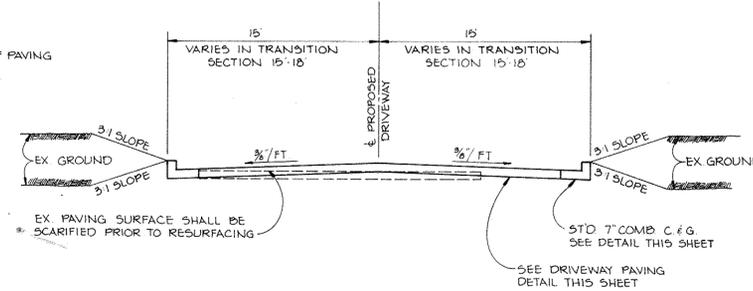
**SHRUB PLANTING DETAIL**

No Scale



**4' FENCE**

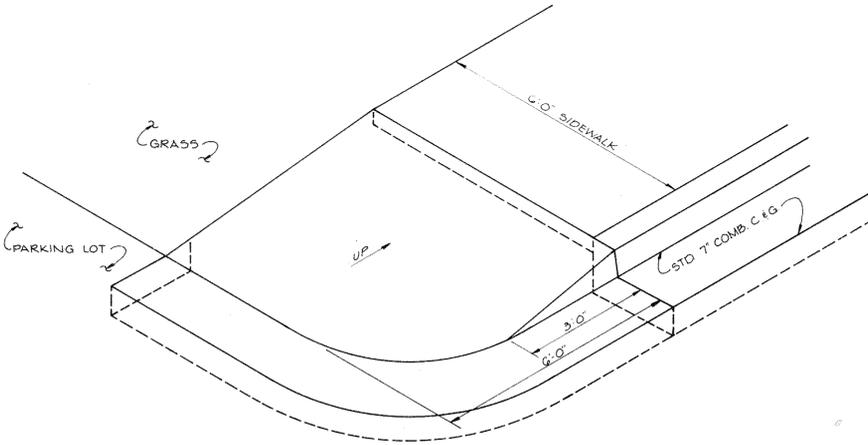
No Scale



**TYPICAL DRIVEWAY SECTION**

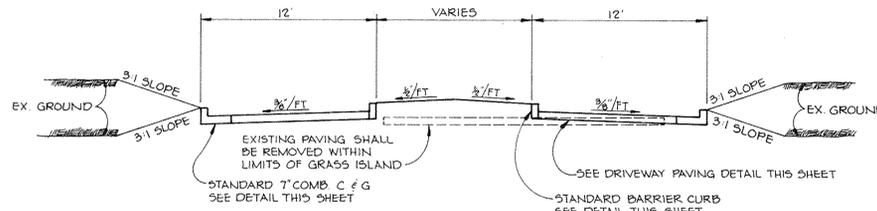
No Scale

APPROVED PLANNING BOARD OF HOWARD COUNTY DATE 4-7-80



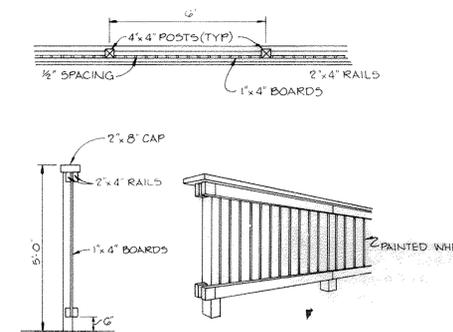
**HANDICAPPED RAMP DETAIL**

No Scale



**DIVIDED DRIVEWAY SECTION**

No Scale



**FENCE DETAIL AT SERVICE AREA**

No Scale

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 Director: *Joseph F. Nemej* DATE 8-4-80  
 Chief, Bureau of Engineering: *Michael S. Rea* DATE 8-1-80  
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.  
 County Health Officer: *John Dwyer* DATE 8-5-80  
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.  
 Planning Director: *John W. Muschman* DATE 8-7-80  
 Chief, Division of Land Development: *Louis F. Dineen* DATE 8-7-80

4-17-80 REVISED AS PER C.A. AND H.C. AGENCY COMMENTS.  
 DATE NO. REVISION  
 OWNER/DEVELOPER: COLUMBIA RECREATION AND PARKS ASSOCIATION, 5829 BANNER ROAD, COLUMBIA, MARYLAND 21044

PROJECT: HOBBIT'S GLEN GOLF COURSE CLUBHOUSE EXPANSION AND RENOVATION  
 AREA: VILLAGE OF HARPERS CHOICE FDP #5 - SECTION 2 AREA 1 - PARCEL 135 5TH ELECTION DISTRICT, HOWARD COUNTY MD  
 TITLE: DETAIL SHEET

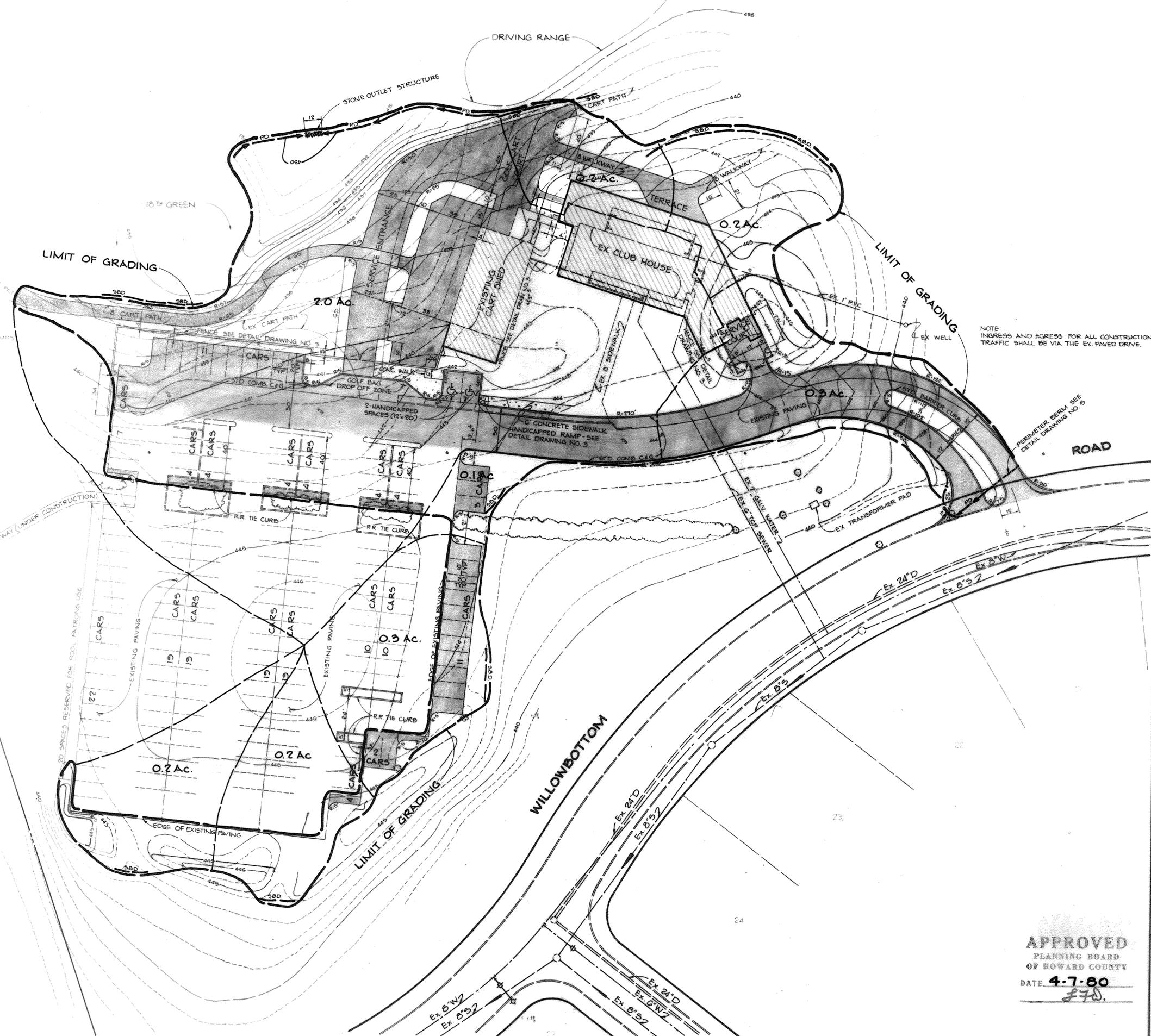
Riemer - Tracy & Associates, Inc. 8659 Baltimore National Pike, Ellicott City, Maryland 21043 (301) 461-2690 Land Planning, Design & Civil Engineering

DATE 11-28-79  
 DESIGNED BY: M.G.R.  
 DRAWN BY: R.J.W.  
 PROJECT NO: 2073  
 DATE: JANUARY 15, 1980  
 SCALE: AS SHOWN  
 DRAWING NO. 3 OF 5

SDP 80-80C JULY 24, 1980

MARYLAND BLUEPRINT CO., INC.

STORAGE REQ'D 3600 CF	PROV 3600 CF	CREST ELEVATION 492.0	BOTTOM ELEVATION 430.0	CLEANOUT ELEV. 451.0	TRAP DIMENSIONS AT BOTTOM AT CREST 12" x 30" 12" x 30"
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NOTE:  
EXISTING PAVING SHALL BE REMOVED WITHIN LIMITS  
OF ALL PLANTED AREAS

NOTE:  
INGRESS AND EGRESS FOR ALL CONSTRUCTION  
TRAFFIC SHALL BE VIA THE EX. PAVED DRIVE.

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."  
*Paul M. Revelle* 11-28-79  
DEVELOPER, PAUL M. REVELLE DATE

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."  
*James K. Tracy* 11-28-79  
ENGINEER, JAMES K. TRACY DATE

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.

*James K. Tracy* 7-29-80  
U.S. SOIL CONSERVATION SERVICE DATE

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

APPROVED *William T. Rowe* 7-29-80  
HOWARD S.C.D. DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

*William W. Muschman* 8-7-80  
PLANNING DIRECTOR DATE

*Louis Thoma* 8-7-80  
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

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

*John M. Boyer* 8-7-80  
COUNTY HEALTH OFFICER DATE

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

*Henry F. Nummy* 8-4-80  
DIRECTOR DATE

*William S. Ray* 8-1-80  
CHIEF, BUREAU OF ENGINEERING DATE

DATE	NO.	REVISION

OWNER/DEVELOPER  
COLUMBIA RECREATION AND PARKS ASSOCIATION  
5829 BANNEKER ROAD  
COLUMBIA, MARYLAND 21044

PROJECT: HOBBIT'S GLEN GOLF COURSE CLUBHOUSE EXPANSION AND RENOVATION

AREA: VILLAGE OF HARPERS CHOICE  
FDP #5, SECTION 2, AREA 1, PARCEL 135  
5TH ELECTION DISTRICT, HOWARD COUNTY MD

TITLE: SEDIMENT CONTROL PLAN

**TR** **Riener, Tracy & Associates, Inc.**  
8659 Baltimore National Pike  
Ellicott City, Maryland 21043  
(301) 461-2890  
Land Planning, Design & Civil Engineering

11-28-79 DATE  
TAX MAP 23 403/130

DESIGNED BY: M.G.R.  
DRAWN BY: R.J.W.

PROJECT NO: 2079  
DATE: JANUARY 15, 1980  
SCALE: 1"=50'

DRAWING NO. 4 OF 5  
SDP 80-80C JULY 24, 1980

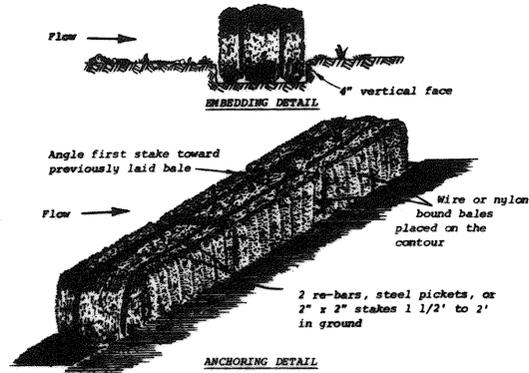
APPROVED  
PLANNING BOARD  
OF HOWARD COUNTY  
DATE 4-7-80  
F7D.



*James K. Tracy*  
PROFESSIONAL ENGR. NO. 9566

**SEDIMENT CONTROL CONSTRUCTION NOTES**  
**GENERAL NOTES**

1. A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (922-2070).
2. ALL SEDIMENT CONTROL STRUCTURES WILL BE INSTALLED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS AS PREPARED BY THE U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE.
3. SITE GRADING WILL BEGIN ONLY AFTER ALL PERIMETER SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED AND ARE IN A FUNCTIONING CONDITION.
4. ALL DISTURBED AREAS ARE TO BE DRESSED AND STABILIZED ACCORDING TO THE TEMPORARY OR PERMANENT SEEDING SCHEDULES AS SOON AS PROPER WEATHER CONDITIONS EXIST FOR THE ESTABLISHMENT OF A PERMANENT VEGETATIVE COVER.
5. SEDIMENT WILL BE REMOVED FROM TRAPS WHEN THE DEPTH REACHES THE CLEAN OUT ELEVATION SHOWN ON THE PLANS.
6. FERTILIZER AND LIME RATES MAY BE CHANGED THROUGH AUTHORIZATION BY THE HOWARD SOIL CONSERVATION DISTRICT IF SOIL TESTS DETERMINE A REDUCTION IN THE SPECIFIED RATES IS JUSTIFIED.
7. ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
8. REFERENCES CALLED FOR ON THE SEDIMENT CONTROL CONSTRUCTION PLAN AND DETAILS ARE MADE TO "THE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS".
9. NO STORM DRAINS SHALL BE INSTALLED UNDER THIS CONTRACT.
10. SEDIMENT CONTROL WILL BE INSTALLED BEFORE CLEARING AND GRUBBING REMAINDER OF SITE.



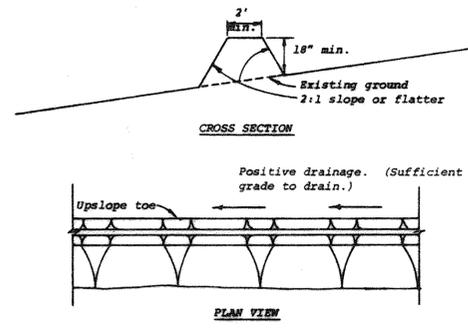
- Construction Specifications**
1. Bales shall be placed in a row with ends tightly abutting the adjacent bales.
  2. Each bale shall be embedded in the soil a minimum of 4".
  3. Bales shall be securely anchored in place by stakes or re-bars driven through the bales. The first stake in each bale shall be angled toward previously laid bale to force bales together.
  4. Inspection shall be frequent and repair or replacement shall be made promptly as needed.
  5. Bales shall be removed when they have served their usefulness so as not to block or impede storm flow or drainage.



Drainage area less than 1/2 acre.

**STRAW BALE DIKE**

No Scale



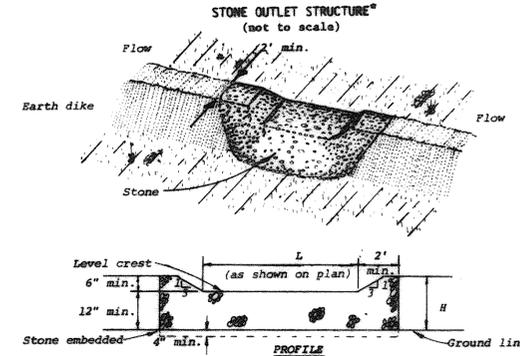
- Construction Specifications**
1. All dikes shall be machine compacted.
  2. All perimeter dikes shall have positive drainage to an outlet.
    - A. Diverted runoff from a protected or stabilized upland area shall outlet directly onto an undisturbed stabilized area or into a level spreader or grade stabilization structure.
    - B. Diverted runoff from a disturbed or exposed upland area shall be conveyed to a sediment trapping device such as sediment trap or a sediment basin or to an area protected by any of these practices.
  4. Stabilization, when required, shall be done in accordance with Standard and Specifications for Grassed Waterway. The minimum area to be stabilized shall be the channel flow area.
  5. Periodic inspection and required maintenance shall be provided.



\* Drainage area less than 5 acres

**PERIMETER DIKE**

No Scale



- Construction Specifications**
1. The stone shall be crushed stone. Gravel may be used if crushed stone is not available. The stone shall meet MSHA Size No. 2 or AASHTO designation M63 Size No. 2 or 24.
  2. The crest of the stone dike shall be at least six inches lower than the lowest elevation of the top of the earth dike and shall be level.
  3. The stone outlet structure shall be embedded into the soil a minimum of four inches.
  4. The minimum length, in feet, of the crest of the stone outlet structure shall be equal to six times the number of acres of contributing drainage area.
  5. The stone outlet structure shall be inspected after each rain, and the stone shall be replaced when the structure ceases to function as intended due to silt accumulation among the stone, washout, construction traffic damage, etc.

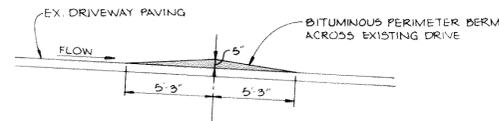
**STONE OUTLET STRUCTURE**

No Scale

**PERMANENT SEEDING**

FINAL STABILIZATION WILL TAKE PLACE AS SOON AS POSSIBLE AS WEATHER CONDITIONS PERMIT, AS FOLLOWS:

1. APPLY DOLOMITIC LIMESTONE AT THE RATE OF 2 TONS PER ACRE (ONE TON PER ACRE IF APPLICATION OF TON PER ACRE WAS MADE FOR TEMPORARY SEEDING).
2. APPLY 0-20-20 FERTILIZER AT THE RATE OF 600 LBS. PER ACRE HARROW OR DISC LIME AND 0-20-20 FERTILIZER INTO THE SOIL TO A MINIMUM DEPTH OF 3". LAWNS OR HIGH MAINTENANCE AREAS WILL BE DRAGGED AND LEVELED WITH A YORK RAKE. AT THE TIME OF SEEDING APPLY 400 POUNDS OF 38-0-0 UREAFORM FERTILIZER AND 500 LBS. OF 10-20-20 OR EQUIVALENT FERTILIZER PER ACRE.
3. SEED WITH A MIXTURE OF CERTIFIED "MERION" KENTUCKY BLUEGRASS - 40 LBS. PER ACRE; COMMON KENTUCKY BLUEGRASS @ 40 LBS. PER ACRE; RED FESCUE, PENNLAWN OR JAMESTOWN @ 20 LBS. PER ACRE.
4. MULCH WITH UNWEATHERED SMALL GRAIN STRAW AT THE RATE OF 1 1/2 TO 2 TONS PER ACRE AND ANCHOR WITH A CUTBACK ASPHALT OR EMULSIFIED ASPHALT AT THE RATE OF 5 GAL. PER 1000 SQ. FT.
5. SEED ALL SLOPES WITH A MIXTURE OF CERTIFIED KENTUCKY 31 TALL FESCUE @ 50 LBS. PER ACRE AND INOCULATED KOREAN LESPEDEZA @ 15 LBS. PER ACRE.



**PERIMETER BERM DETAIL**

No Scale

**SEQUENCE OF CONSTRUCTION**

1. OBTAIN A GRADING PERMIT.
2. INSTALL PERIMETER DIKES AND SWALES.
3. INSTALL STRAW BALE DIKES.
4. INSTALL SEDIMENT TRAP WITH STONE OUTLET STRUCTURE AND SEED PER TEMPORARY SEEDING NOTES.
5. GRADE SITE WITHIN LIMIT OF GRADING.
6. CONSTRUCT CLUBHOUSE AND CART SHED EXPANSIONS.
7. INSTALL PAVING.
8. STABILIZE ALL DISTURBED AREAS IN ACCORDANCE WITH PERMANENT SEEDING NOTES.
9. UPON APPROVAL BY THE SOIL CONSERVATION DISTRICT, REMOVE ALL SEDIMENT CONTROL FACILITIES.

**TEMPORARY SEEDING**

AREA TO BE SEEDDED SHALL BE RECENTLY LOOSENEDED. IF THE GROUND IS PACKED, CRUSTED OR HARD, THE TOP LAYER OF SOIL SHALL BE LOOSENEDED BY DISCING, RACKING OR OTHER ACCEPTABLE MEANS.

1. APPLY 10-20-10 FERTILIZER (OR EQUIVALENT) AT THE RATE OF 600 LBS. PER ACRE OR 15 LBS. PER 1000 SQ. FT.
2. WHERE SOIL IS KNOWN TO BE HIGHLY ACID, APPLY DOLOMITIC LIMESTONE AT THE RATE OF 1 TON PER ACRE.
3. WORK BOTH INTO SOIL AND SEED WITH CYCLONE SEEDER, DRILL, CULTIPAKER SEEDER OR HYDROSEEDER (SLURRY WILL INCLUDE SEED AND FERTILIZER) AT THE RATE OF 40 LBS. PER ACRE OF ITALIAN OR PERENNIAL RYEGRASS.
4. MULCH WITH UNWEATHERED SMALL GRAIN STRAW AT THE RATE OF 1 1/2 TO 2 TONS PER ACRE AND ANCHOR WITH A CUTBACK ASPHALT OR EMULSIFIED ASPHALT AT THE RATE OF 5 GAL. PER 1000 SQ. FT.

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."

*Paul M. Revelle* 11-28-79  
DEVELOPER - PAUL M. REVELLE DATE

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."

*James K. Tracy* 11-28-79  
ENGINEER - JAMES K. TRACY DATE

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.

*James K. Tracy* 7-29-80  
U.S. SOIL CONSERVATION SERVICE DATE

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

APPROVED *William T. Rome* 7-29-80  
HOWARD S.C.D. DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

*John W. Muschler* 8-7-80  
PLANNING DIRECTOR DATE

*Louis F. Danner* 8-9-80  
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

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

*Joseph Boyer* 8-5-80  
COUNTY HEALTH OFFICER DATE

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

*George F. Nemmy* 8-4-80  
DIRECTOR DATE

*George F. Nemmy* 8-1-80  
CHIEF, BUREAU OF ENGINEERING DATE

DATE NO. REVISION

OWNER/DEVELOPER  
COLUMBIA RECREATION AND PARKS ASSOCIATION  
5825 BANNEKER ROAD  
COLUMBIA, MARYLAND 21044

PROJECT: HOBBIT'S GLEN GOLF COURSE CLUBHOUSE EXPANSION AND RENOVATION

AREA: VILLAGE OF HARPERS CHOICE  
FDP #5 - SECTION 2 AREA 1 - PARCEL 135  
5TH ELECTION DISTRICT, HOWARD COUNTY MD

TITLE:  
SEDIMENT CONTROL NOTES AND DETAILS

**Riemer Tracy & Associates, Inc.**  
8659 Baltimore National Pike  
Ellicott City, Maryland 21043  
(301) 461-2690  
Land Planning, Design & Civil Engineering

APPROVED  
PLANNING BOARD  
OF HOWARD COUNTY  
DATE 4-7-80  
*J.A.*



PROFESSIONAL ENGR. NO. 9566

DESIGNED BY: J.K.T.  
DRAWN BY: R.J.W.  
PROJECT NO: 2679  
DATE: JANUARY 15, 1980  
SCALE: AS SHOWN  
DRAWING NO. 5 OF 5

SDP 80-80C JULY 24, 1980