SOIL CONSERVATION SERVICE MARYLAND CONSTRUCTION SPECIFICATIONS FOR PONDS ions are appropriate to ponds within the scope of the Standard for actice 378. I. SITE PREPARATION Areas under the borrow areas, embankment, and structural works shall be cleared, grubbed and the topsoil stripped to remove all. trees, vegetation, roots or other objectionable material. Channel banks and sharp breaks shall be sloped to no steeper than 1:1. Areas covered by the pond or reservoir will be cleared of all trees, brush, logs, fences, rubbish and other objectionable material unless otherwise designated on the plans. Trees, brush and stumps shall be cut approximately level with the ground surface. 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. II. EARTH FILL Material The fill material shall be taken from approved designated borrow area or areas. It shall be free of roots, stumps, wood, rubbish, oversize 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. Placement Areas on which fill is to be placed shall be scarified prior to placement of fill. Fill materials shall be placed in 8-inch maximum 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 downstream portions of the embankment. 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 BATH HOUSE obtained with the equipment used. SEPTIC SYSTEM Where specified, a cutoff trench shall be excavated along or parallel BATHHOUSE to the centerline of the embankment as shown on the plans. The SLAB : 677.0 bottom width of the trench shall be governed by the equipment used for excavation, with the minimum width being four feet. The depth INV. OUT : 674.2 shall be at least four feet or as shown on the plans. The side SEPTIC TANK slopes of the trench shall be 1 to 1 or flatter. The backfill EX. GR .: 679.0 material for the cutoff trench shall be the most impervious material FIN. GR.: 676.3 available and shall be compacted with equipment or rollers to assure INV. IN : G74.1 INV. OUT: 673.8 STRUCTURAL BACKFILL DISTRIBUTION BOX EX. GR.: 676.0 FIN. GR. : 676.0 INV. IN: 672.0 WELL EX. GR. : 681.0 FIN. GR.: 680.5

maximum density and minimum permeability. Backfill material shall be of the type and quality conforming to that specified for the adjoining 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 equipment be allowed to operate closer than four feet, measured horizontally, to any part of a structure. Under no circumstances

the pipe. At no time during the backfilling operation shall driven 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. (FOR IV PIPE CONDUITS - SEE SHEET 2 OF 3)

BUILDING ELEVATION

NOT TO SCALE

NEW Pool STEPS

WADING POOL REPLACEMENT

EXISTING TENNIS COURTS

NEW CONCRETE AREA

ADDITION OF 30'X36' ROOF OVER 4-11-89 REVISION APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS

HOWARD COUNTY HEALTH DEPARTMENT.

AND ZONING ADMINISTRATION

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

DIRECTOR LOKA 4-15-83

15 APRIL 1783

CALVARY EVANGELICAL LUTHERAN CHURCH

LOT 1 - CONNECTICUT ASPEN, INC. PROPERTY

10500 | 467

PLAT 4795

EX. ZONING : R

IS SIZED TO ACCOMODATE PHASE 2 PARKING

(54 PROVIDED)

ANDSCAPE SCREENING

LAND TENNIS COURTS

1. Materials

a. Cement - Normal Portland cement shall conform to the latest ASTM Specification 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. Limestone sand shall not be used.

d. Coarse 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.

2. Design Mix - The concrete shall be mixed in the following proportions, measured by weight. The water-cement ratio shall be 5-1/2 to 6 U. S. gallons of water per 94 pound bag of cement. The proportion of materials for the trial 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.

3. 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 one and one-half minutes after all the ingredients, except the full amount of water, are in the mixer. The minimum mixing time is predicted 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 mixercharging 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 specifications given here.

4. Forms - 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.

The inside of forms shall be oiled with a non-staining mineral oil or thoroughly wetted before concrete is placed.

Forms may be removed 24 hours after the placement of concrete. All wire ties and other devices used shall be recessed from the surface of the concrete.

5. 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.

6. Consolidating - Concrete shall be consolidated with internal type mechanical vibrators. Vibration shall be suplemented by spading and hand tamping as necessary to insure smooth and dense concrete along form surfaces, in corners, and around embedded items.

(CONTINUED - SEE NOTES 7.8 AND 9 BELOW)

VI. STABILIZATION

All borrow areas shall be graded to provide proper drainage and left in a sightly condition. All exposed surfaces of the embankment, spillway, spoil 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.

HO. CO. STA. # 3931005-VICINITY MAP SCALE: 1" =1200'

GENERAL NOTES

1. TAX MAP: 7 PART OF PARCEL: 84

2. PLAT REFERENCE: 5383 3. EX. ZONING: RE-DEO

4. SITE USE: PRIVATE RECREATIONAL FACILITY - SWIM CLUB.

5. TOTAL AREA OF SITE: 5.000 AC.

G. LOT COVERAGE - STRUCTURES: 8445 SQ. PT. OR 3.9% 7. OPEN SPACE PROVIDED: 3.7 AC.

8. PRIVATE WATER AND PRIVATE SEWERAGE ARE TO BE UTILIZED 9. HORIZONTAL AND VERTICAL DATAM BASED ON HOWARD COUNTY

CONTROL STATIONS. 3031004 AND 3031005. 10. OLD FREDERICK ROAD IS AN EXISTING, PUBLIC ROAD. PROPOSED

PARKING AND DRIVEWAYS ARE TO BE PRIVATE. 11. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL, VOL. IV.

12. TOPO SHOWN HEREON WAS FIELD RUN BY BOENDER ASSOCIATES. 13. SUBJECT TO B.A. CASE NO. 82-37E; B.A. Case No. 87-50 & 14 PARKING TABULATIONS:

REQ'D: 79 SPACES (SEE B.A. CASE NO. 82-37E DECISION AND ORDER AND EXHIBIT NO. 2)

PROVIDED: 79 SPACES

15. SECURITY LIGHTS WILL BE 100 WATT, SODIUM VAPOR TYPE, MOUNTED ON 15' HIGH POLES. LIGHT TO BE DIRECTED / REFLECTED DOWNWARD AND AWAY FROM PUBLIC R/W AND SURROUNDING PROPERTIES. TWO LIGHTS TO BE PROVIDED. FOR ADDITIONAL DATA, CONSULT WITH THE ARCHITECT LISTED BELOW.



I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS BUILT" PLAN OF THE POND WITHIN THIRTY DAYS OF COMPLETION

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 COUNTY SOIL CONSERVATION DISTRICT. I HAVE NOTIFIED THE DEVELOPER THAT HE MUST PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS BUILT" PLAN OF THE POND WITHIN THIRTY DAYS OF COMPLETION

1/19/83

ARCHITECT

MICHAEL E. BOLINGER, AIA 800 N. CHARLES ST.

OWNER & DEVELOPER WEST HOWARD SWIM CLUB, INC. % ROBERT PARRISH PRESIDENT 15890 UNION CHAPEL RD.

SITE DEVELOPMENT PLAN

LOT 2 - CONNECTICUT-ASPEN, INC. PROP-

J. J. B. J.J.B. 1"= 50'

surveyors

& EMERGENCY SPILLWAY CURVE DATA

CONSTRUCTION (SEE DETAIL, SHT. 2

OF 3) AND USE AS SEDIMENT TRAP

R = 25.00' △ = 90°00°00° L- 30.27'

& DAM CURVE DATA

R= G4.00'

L = 72.60'

D = 65°00'00'

7. Finishing - Defective concrete, honeycombed areas, voids left by the removal of tie 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.

8. Protection and Curing - Exposed surfaces of concrete shall be protected from the direct rays of the sum for at least the first three (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

9. Placing Temperature - Concrete may not be placed at temperatures below 37° F with the temperature falling, or 34° with the temperature rising.

301-465-7777

SDP-83-89

IMPROVEMENTS TO EXISTING POOL AREA 2-26-209

CHIEF BUREAU OF ENGINEERING

HOWARD SOIL CONSERVATION DISTRICT

SEPTIC TANKS-

PROVIDE 2-2,000

GAL TAIJKS JOINED

DISTRIBUTION - BOX -

G-100' WNG, 2' WIDE TRENCHES,

10' DEEP WITH G' STONE

39.27 L.F. LEVEL SECTION,

WOODS LINE

CONNECTICUT ASPEN, INC.

477 | 150

EX. ZONING : R

UNDEVELOPED

12' WIDE, ELEVI = 668.95 -

NOTE:
P-3 PAVING TO BE USED IN OLD FREDERICK RD. R/W
O-3 PAVING TO BE USED FOR ALL PAVING

P-3 PAVING TO BE USED IN OLD FREDERICK RD.

P-1 PAVING TO BE USED FOR ALL ONSITE PAVING

P-1 PAVING TO BE USED FOR ALL ONSITE PAVING

DENOTES WHITE PINES, MIN 21/2 CAL., G'HIGH

DENOTES PHASE 2 PARKING (TO BE ADDED WHEN

MEMBERSHIP EXCEEDS 200) NOTE: SWM BASIN

be used.

752-1730

LOCATION 4TH ELECTION DISTRICT TAX MAP 7 HOWARD COUNTY MD.

boender associates 3525 COURTHOUSE SQUARE - SUITE A ELLICOTT CITY, MARYLAND 21043

2-24-19 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. IS SOIL CONSERVATION SERVICE

THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT,

2-26-10

2-26-19

Z-24-19

REV. 3-15-83 ADDED ACCEL. & DECEL. LANES SHOWED PHASE 2 PARKING - J. J. B.

AROUND TOTS POOL

GRASS

METAL END SECTION

- 33 LF. -15"BCCMP, 16 GA. @ 8.80%

- 20 L.F. 4"- C"STONES, MIN. 1'THICK, @0.00%

1 18"BCCMP RISER - BLOCK ORIFICE OPENING DURING

OVER EROSION CONTROL CLOTH

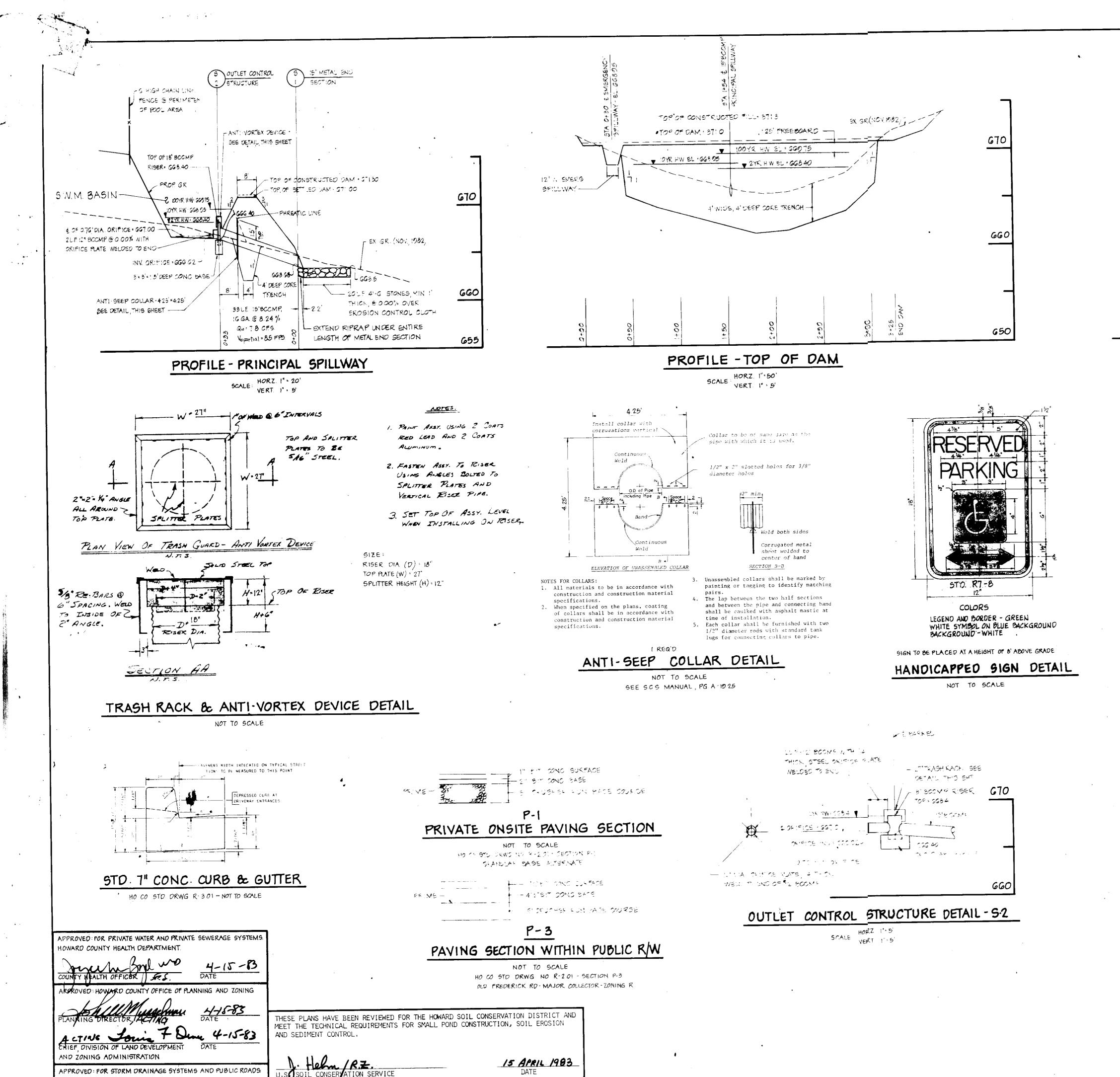
OUTLET CONTROL STRUCTURE

WOODBINE, MD. 21707 BALTIMORE, MD. 21201

DESIGN BY DRAWN BY CHECKED BY DRAWING NO. JOB NO. L.L.Y. 1 OF 3 engineers

planners

SEDIMENT CONTROL NOTES WOVEN WIRE FENCE, (MIN. 14 GAGE; 6" MESH SPACING) 6" MIN. METAL FENCE POSTS IVEN INTO GROUND A MIN. I ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH "STANDARDS AND FILTER CLOTH SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS." (MIRAFI, POLYFILTER X OR APPROVED EQUAL) PREPARED BY THE U.S.D.A. SOIL CONSERVATION SERVICE. 2. APPLY FOR GRADING PERMIT. 3. NOTIFY THE BUREAU OF LICENSE INSPECTIONS AND PERMITS 24 HRS. PRIOR TO GRADING OPERATIONS 4. CONSTRUCTION SHALL ADHERE TO THE CONSTRUCTION SEQUENCE. GEORGIA AVENUE PROPERTIES, INC. SITE-5. CUT AND FILL SLOPES SHALL BE 3:1 MAXIMUM 10. CO. STA. # 3931005-6. ELEVATIONS MARKED THUS (X) SHALL BE FINISHED GRADE. 7. ANY EXCESS MATERIAL SHALL BE STOCKPILED IN A CLEARED LOCATION ON SITE WHICH IS PROTECTED BY SEDIMENT CONTROL STRUCTURE(S), MAXIMUM FILL SLOPF EX ZONING ROAD WITH EARTH AFTER SHALL BE 3: 1. STOCKPILED MATERIAL SHALL BE STABILIZED ACCORDING TO SEEDING SPECIFICATIONS BELOW. 8. SEDIMENT CONTROL STRUCTURES SHALL BE REMOVED ONLY WITH PERMISSION OF THE BUREAU OF LICENSE, INSPECTIONS AND PERMITS. 1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS BY USE 9. STABILIZATION MEASURES 2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE BY USE OF WIRE TIES SPACED EVERY 24" x 24" TEMPORARY STABILIZATION: EXISTING, PUBLIC APPLY: 2000 LBS./AC. OR 46 LBS. OF PULVERIZED DOLOMIC LIMESTONE. 500 LBS./AC. VICINITY MAP OR 11.5 LBS. / 1000SQ. FT. OF 10-10-10 FERTILIZER. PLANT WITH RYEGRASS AT SILT FENCE - S.F. 40LBS. AC. MULCH ALL DISTURBED AREAS IMMEDIATELY AFTER GRADING SCALE : 1" - 1200' NOT TO SCALE PERMANENT STABILIZATION 2000 LBS. /AC. OF PULVERIZED DOLOMIC LIMESTONE 500 LBS:/AC. OF 10-10-10 FERTILIZER. SEED: 85 LBS. /AC. OF KENTUCKY 31 TALL FESCUE 40 LBS /AC. OF KENTUCKY BLUE GRASS. 25 LBS./AC. OF ANNUAL RYEGRASS NOTE: SEEDING MAY BE DONE BETWEEN MARCH I - MAY I, OR AUG. I - OCT. - I ONLY MULCH ALL DISTURBED AREAS IMMEDIATELY AFTER GRADING. MULCH: 2 TONS/AC OF UNWEATHERED WHEATSTRAW TIE MULCH DOWN WITH 480 Place Stone Over Poly-Filter tion Entrance and Public Right GAL JAC OF LIQUID ASPHALT or Erosion Control Cloth CONSTRUCTION SEQUENCE 1. OBTAIN GRADING PERMIT. STABILIZED CONSTRUCTION ENTRANCE 2. NOTIFY THE HOWARD COUNTY BUREAU OF LICENSE, INSPECTIONS AND PERMITS AND THE SITE ANALYSIS NOTE - Drawings show straw bales used for core. Bales are anchored as per Standard and Specifications for Straw Bale Dike. Other materials (e.g., timber or concrete blomay also be used for core. Firmly anchor all core material to ground. CONSTRUCTION INSPECTION/SURVEYS DIVISION 24 HOURS PRIOR TO BEGINNING GRADING S. C. E. OPERATIONS AREA OF SITE : 5.0 AC. 3. INSTALL TEMPORARY SEDIMENT CONTROL MEASURES (S.C.E., D.D., S.F. AND TRAPNO. 2). AREA PAVED: 1.3 AC. SEE S.C.S. MANUAL PG. A-16.01 FOR SPECS. STONE OUTLET SEDIMENT TRAP 4. CONSTRUCT S.W.M. BASIN. BLOCK ORIFICE (SEE DETAIL THIS SHEET) AND USE FOR TRAP AREA DISTURBED: 3.8 AC. NOT TO SCALE NO. 1. AREA UNDISTURBED: 1.2 AC. SEE S.C.S. MANUAL, PG. A-20.07 FOR SPECS. 5. ROUGH GRADE SITE INSTALL SEPTIC SYSTEM, APPLY TEMPORARY STABILIZATION. AREA REVEGETATED: 2.5 AC. NOT TO SCALE APPLY BASE COURSE FOR AREAS TO BE PAVED. G. CONSTRUCT BATH HOUSE POOLS AND UTILITIES MAINTAIN ALL SEDIMENT CONTROL MEASURES. 7. PLACE FENCE AND FINE GRADE AND PAVE. APPLY PERMANENT STABILIZATION MEASURES. CONNECTICUT ASPEN, INC. 8. RESTORE S.W.M. BASIN TO ORIGINAL SIZE BY: 477/150 A PUMP STANDING WATER, IF ANY, THRU PRINCIPAL SPILLWAY EX ZONING R EROSION CONTROL B SHAPE BASIN TO ORIGINAL SIZE BY REMOVING EXCESS SEDIMENT AND STABILIZE UNDEVELOPED Stone stabilization FILTER CLOTH POND AREA. C. EXCESS SEDIMENT TO BE REMOVED FROM SITE AND DEPOSITED ON A SITE WITH EXISTING AND APPROVED EROSION CONTROL MEASURES. RIPRAP STONE -16"BCCMP RISER O REMOVE BLOCKING AT 6-2 AND OTHER TEMPORARY SEDIMENT CONTROL MEASURES (GC.E. S.F. D.D. AND SEDIMENT TRAP NO. 2) WITH APPROVAL OF THE HOWARD COUNTY BUREAU OF LICENSE CALVARY EVANGELICAL LUTHERAN CHURCH Positive drainage. (Grade INSPECTIONS AND PERMITS. sufficient to drain) 10500 467 SPILLWAY LOT 1 - CONNECTICUT ASPEN, INC PROPERTY IV. PIPE CONDUITS ORIFICE PLATE @ PLAT 4705 A. Corrugated Metal Pipe EX ZONING R END OF 12" BOOMP-1. Materials - (Steel Pipe) - This pipe and its appurtenances BLOCKING DETAIL AT 5-2 shall be galvanized and fully bituminous coated and shall conform to the requirements of AASHTO Specification M-190 DIVERSION DIKE - D.D. Type A with watertight coupling bands. Any bituminous NOT TO SCALE 3. Bedding - The pipe shall be firmly and uniformly bedded coating damaged or otherwise removed shall be replaced with throughout its entire length. Where rock or soft, spongy cold applied bituminous coating compound. SEE S.C.S. MANUAL, PG.A-10.01 FOR SPECS. or other unstable soil is encountered, all such material Materials - (Aluminum Pipe) - This pipe and its appurtshall be removed and replaced with suitable earth com-NOT TO SCALE enances shall conform to the requirements of AASHTO pacted to provide adequate support. Specification M-196 or M-211 with watertight coupling bands. Coupling bands, anti-seep collars, end sections, 4. Laying pipe - The pipe shall be placed with inside circum-ferential laps pointing downstream and with the longitudinal etc. must be composed of the same material as the pipe. CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE Metals must be insulated from dissimilar materials with METAL END SECTION ACCORDING TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL laps at the sides. use of rubber or plastic insulating materials at least INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING 24 mils in thickness. Aluminum surfaces that are to be 5. Backfilling shall conform to structural backfill as shown - 331F 45 BCCMP 16 64 @ 880% PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT in contact with concrete shall be painted with one coat of zinc chromate primer. Hot dip galvanized bolts may - 20 L F 4" G'STONES, WIN. I'THICK, @ 0 00% be used for connections. The pH of the surrounding soils 3-4-83 6. Other details (anti-seep collars, valves, etc.) shall be shall be less than 9 and greater than 4. OVER EROSION CONTROL CLOTH as shown on the drawines. (FOR I CONCRETE AND IT STABILIZATION - SEE SHT 1 OF 3) Helically 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 VIRGINIA A PARRISH - SECRETARY WEST HOWARD SWIM CLUB, INC neoprene bead. OUTLET CONTROL STRUCTURE CERTIFY THAT THIS PLAN FOR POND CONSTRUCTION, EROSION AND SEDIMENT CONTROL Connections - All connections with pipes must be com-- BLOCK ORIFICE - USE S.W.M. BASIN AS SEDIMENT TRAP NO. 1 REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE pletely watertight. The drain pipe or barrel connection SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS to the riser shall be welded all around when the pipe OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT. I HAVE NOTIFIED THE DEVELOPER and riser are metal. Watertight coupling bands shall THAT HE MUST PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS BUILT be used at all joints. Anti-seep collars shall be PLAN OF THE POND WITHIN THIRTY DAYS OF COMPLETION connected to the pipe in such a manner as to be completely watertight. & DAM CURVE DATA R = G4.00' THPROVEMENTS TO EXISTING POOL AREA 2-26-2019 A . 65 00'00" SEDIMENT APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS 1. WADING POOL REPLACEMENTS L = 72,60° 2-26-19 HOWARD COUNTY HEALTH DEPARTMENT TRAP NO. 2 -OWNER & DEVELOPER & EMERGENCY SPILLWAY SURVE DATA NEW POOL STEPS 12' WIDE, ELEVI- 668:95 -2.26.19 R · 25,00° WEST HOWARD SWIM CLUB, INC. EXISTING TENNIS COURTS 2.26.19 A = 90°00'00' % ROBERT PARRISH PRESIDENT NEW CONCRETE AREA L - 39 27 2.26.19 15890 UNION CHAPEL RD. WOODBINE, MD. 21707 THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND SEDIMENT TRAP SCHEDULE CONNECTICUT ASPEN, INC MEET THE TECHNICAL REQUIREMENTS FOR SMALL POND CONSTRUCTION, SOIL EROSION DRAINAGE AREA MAP & SEDIMENT CONTROL PLAN 477/150 AND SEDIMENT CONTROL. BOTTOM BOTTOM SPILLWAY C.O. STORAGE EX ZONING R TRAP D. A. REQ'D PROV'D SIZE ELEV ELEY. ELEV LOT 2 - CONNECTICUT - ASPEN, INC. PROP. UNDEVELOPED AND ZONING ADMINISTRATION 1 ** 4.3AC 1740CF 9.583CF 466.62 468.05 467.8 15 APRIL 1983 4TH ELECTION DISTRICT TAX MAP 7 HOWARD COUNTY MD APPROVED: FOR STORM ORAINAGE SYSTEMS AND PUBLIC ROADS 2* 0.6AC 1,080 CF 1,130 CF 15'x 25' 470.0 472.0 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS. DESIGN BY | DRAWN BY CHECKED BY DRAWING NO. 1 JOB NO. * SEE S.C.S. MANUAL, PG. 20.07 FOR DETAIL & CONSTRUCTION SPECS. 2 OF 3 82193 J.J.B. L.L.Y. HESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT ** SEE S.W.M. COMPS engineer/ boender associates JURVEYOR 3525 COURTHOUSE SQUARE SUITE A 4-15-83 planner ELLICOTT CITY, MARYLAND 21043 REV. 3-15-83 ADDED ACCEL & DECEL LANES - J.J.B. 301-465-7777 SDP-83-89



THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL

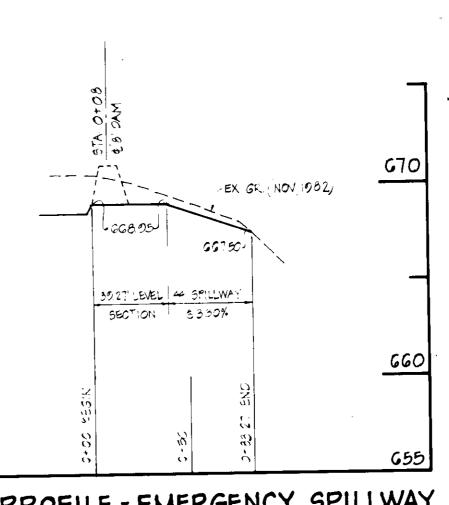
15 APRIL 1983

MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT,

HOWARD SOIL CONSERVATION DISTRIC

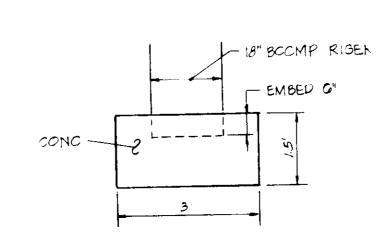
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

CHIEF, BUREAU OF ENGINEERING

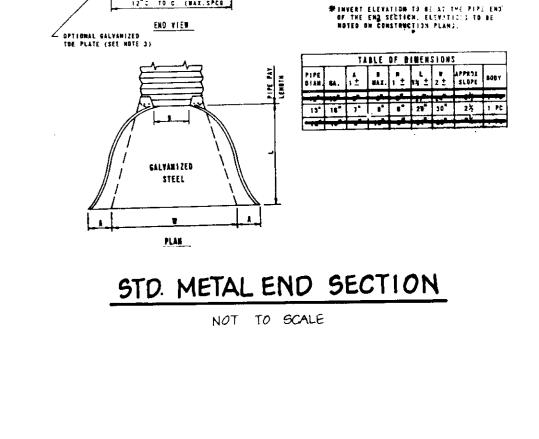


PROFILE - EMERGENCY SPILLWAY

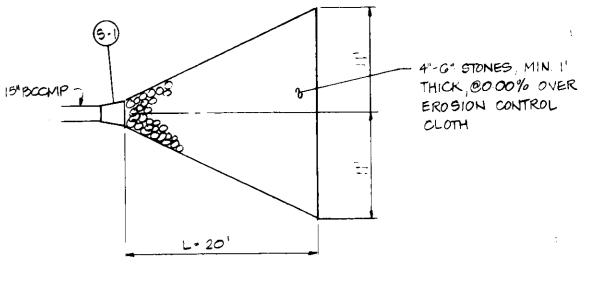
SCALE: HORZ. 1"+ 50"



RISER BASE DETAIL NOT TO SCALE



KOTTOSS JANTOUTTONOL



RIPRAP DETAIL AT S-1 NOT TO SCALE

APPROVED DIVISION OF LAND DEVELOPMENT & **ZONING ADMINISTRATION**

CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS BUILT" PLAN OF THE POND WITHIN THIRTY DAYS OF COMPLETION.

THAT THIS PLAN FOR POND CONSTRUCTION, EROSION AND SEDIMENT CONTROL EPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE ITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS F THE HOWARD COUNTY SOIL CONSERVATION DISTRICT. I HAVE NOTIFIED THE DEVELOPER THAT HE MUST PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS BUILT PLAN OF THE POND WITHIN THIRTY DAYS OF COMPLETION

1/26/83 DATE



OWNER & DEVELOPER

WEST HOWARD SWIM CLUB, INC. % ROBERT PARRISH, PRESIDENT 15890 UNION CHAPEL RD WOODBINE, MD 21797

S.W.M. PROFILES & MISCELLANEOUS DETAILS

LOT 2 - CONNECTICUT - ASPEN, INC. PROP. HOWARD COUNTY MO 4TH ELECTION DISTRICT TAX MAP 7

J J.B. JAN 1983 AS SHOWN

boender associates 3525 COURTHOUSE SQUARE SUITE A ELLICOTT CITY, MARYLAND 21043 301 465 7777

PESIGN BY | DRAWN BY

planners SDP-83-89

engineers

JULVGHOLY

DRAWING NO. JOB NC. 3 0F 3 82193

AND S.C.S SIGN BLOCKS(ALL SHITS)

REV 3-15-83 ONSITE PAVING SECT. TO P-1, CHANGED TRASH RACK, EXTENDED RIPRAP UNDER S-1: -JJB