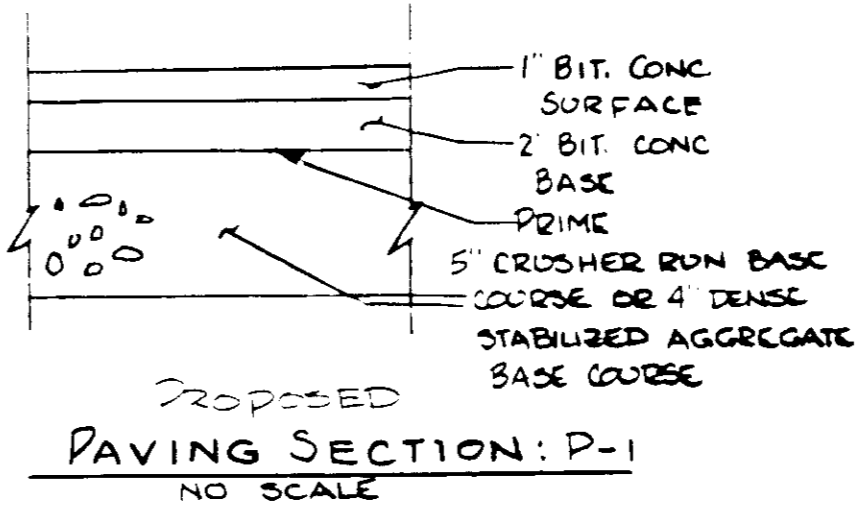


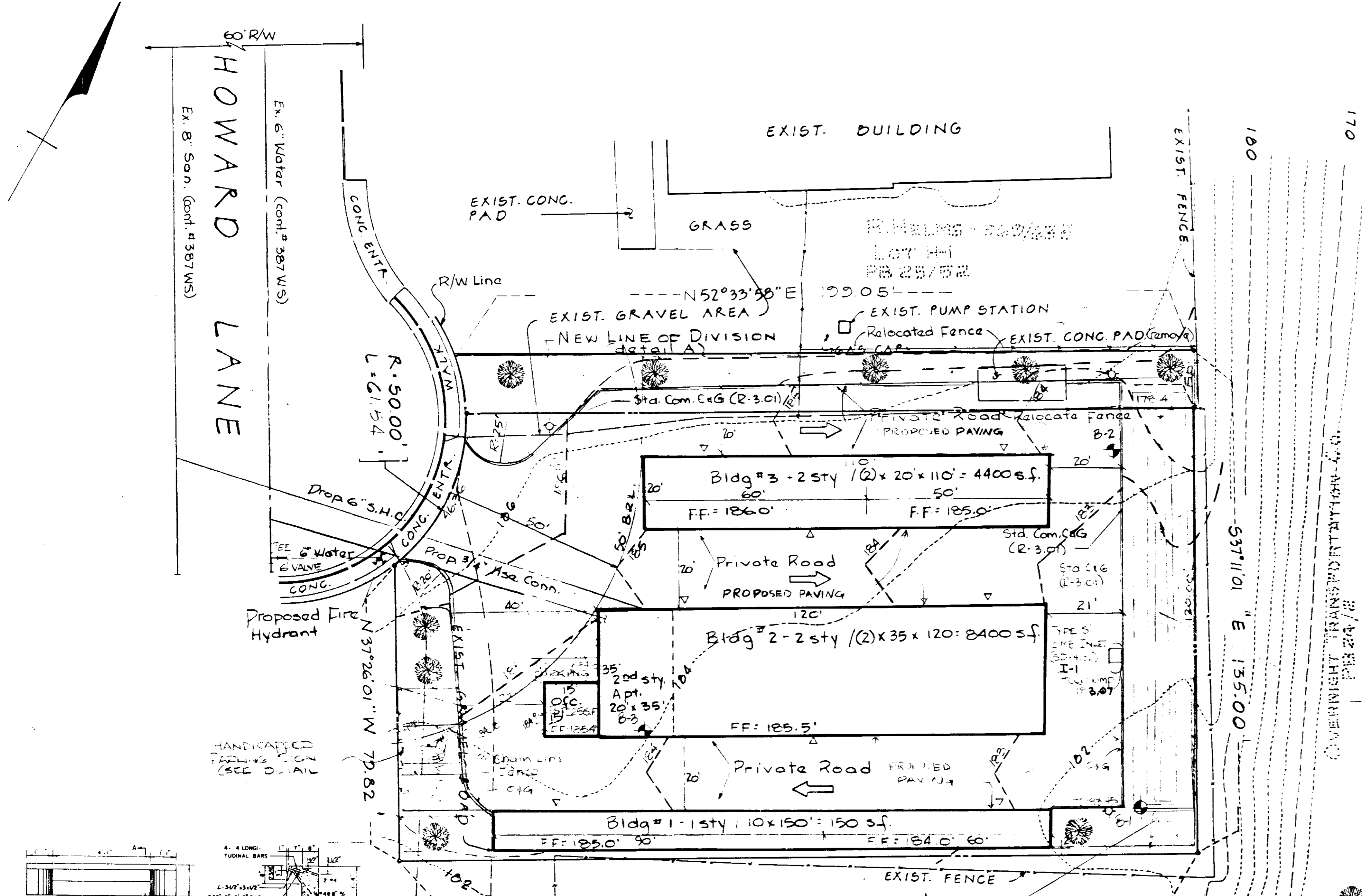
DETAIL A
Outline of Property
Scale: 1" = 100 ft.



GENERAL NOTES

1. AREA OF PARCEL: 28.3 (± 84 FT) 0.65 ACRES
2. ZONING: M-2
3. OPEN SPACE REQUIRED: 20% OF 28.3 ACRES = 5.66 ACRES
OPEN SPACE PROVIDED: 5664 S.F. = 20.070
4. FLOOR SPACE BY BUILDING LEVEL

Bldg. No.	TYPE	FLOOR SPACE	USE
1	1STY	1500 S.F.	DEAD STORAGE
2	2STY	(3) 4200 S.F. (3) 225 S.F. (2) 3500 S.F.	DEAD STORAGE OFFICE DEAD STORAGE
3	2STY	(1ST) 700 S.F. (2ND) 2200 S.F.	MANAGER APT. DEAD STORAGE DEAD STORAGE
5. FLOOR SPACE DESIGNATED "DEAD STORAGE" WILL BE USED FOR THAT PURPOSE ONLY. OFFICES OR OTHER USES WILL NOT BE PERMITTED WITHIN THESE AREAS WITHOUT APPROVAL OF OFFICE OF PLANNING AND ZONING
6. AREA LIGHTING SHOWN THUS:
 - A 100 WATT H.P.S. WALL PACKS - BLDG MOUNTED DIR DOWNWARD
 - 250 WATT H.P.S. POLE LIGHTS - DIRECTED INTO SITE & DOWNWARD
7. ALL CURB TO BE HOWARD COUNTY STD BITUMINOUS (R-3.03)
8. SITE PAVING SHALL BE P-1 (R-2.01)
9. PARKING CALCULATIONS:
 - 10FC AT 225 S.F. AT 1 SPACE / 500 S.F. = 1 SPACE
 - 1MGRAPT. AT 1 SPACE / APT = 1 SPACE
 - TOTAL PARKING REQ'D = 2 SPACES
 - TOTAL PARKING PROVIDED: 2 SPACES (1 HANDICAPPED SPACE)
 - NOTE: ARRANGEMENTS FOR ADDITIONAL PARKING HAVE BEEN MADE WITH THE OWNER OF THE ADJOINING LOT.
10. WATER AND SEWER APARTMENT CONNECTION ON BUILDING PLANS BY OTHERS.
11. TOPOGRAPHIC FIELD SURVEY RUN MARCH 1985.
BM: HOWARD COUNTY #2546002 ELEV: 174.090
12. NO EXISTING ON-SITE PAVING

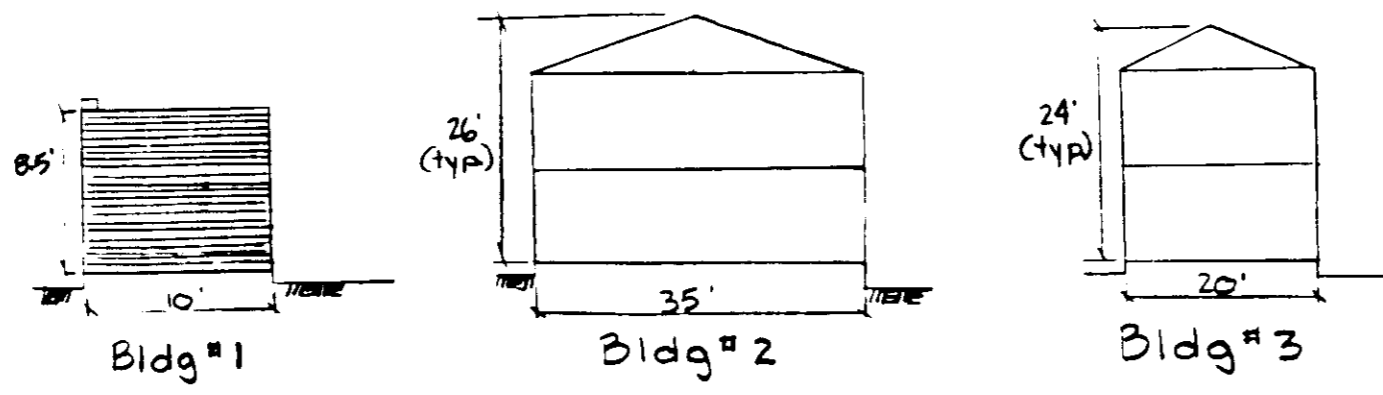
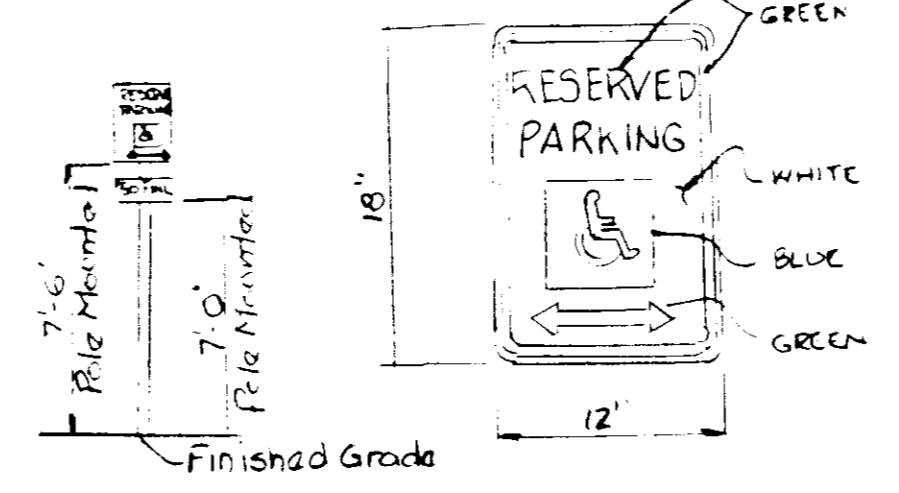
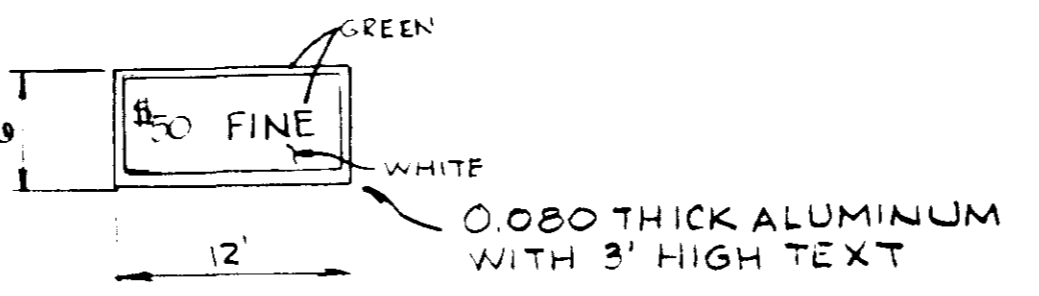
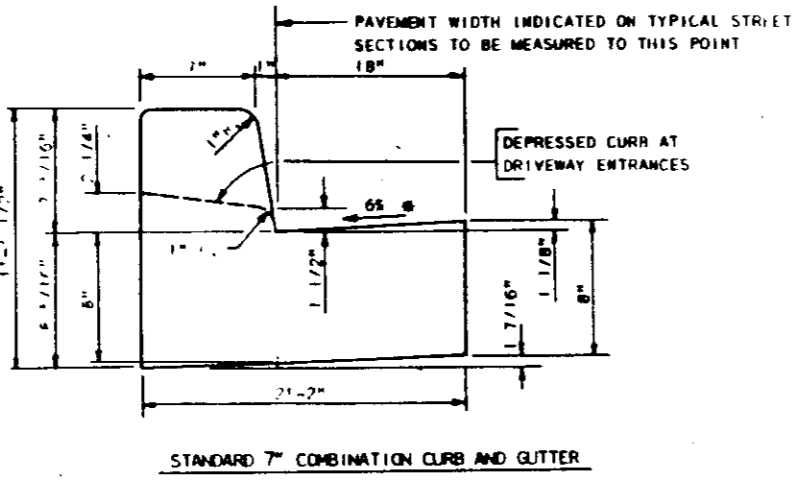
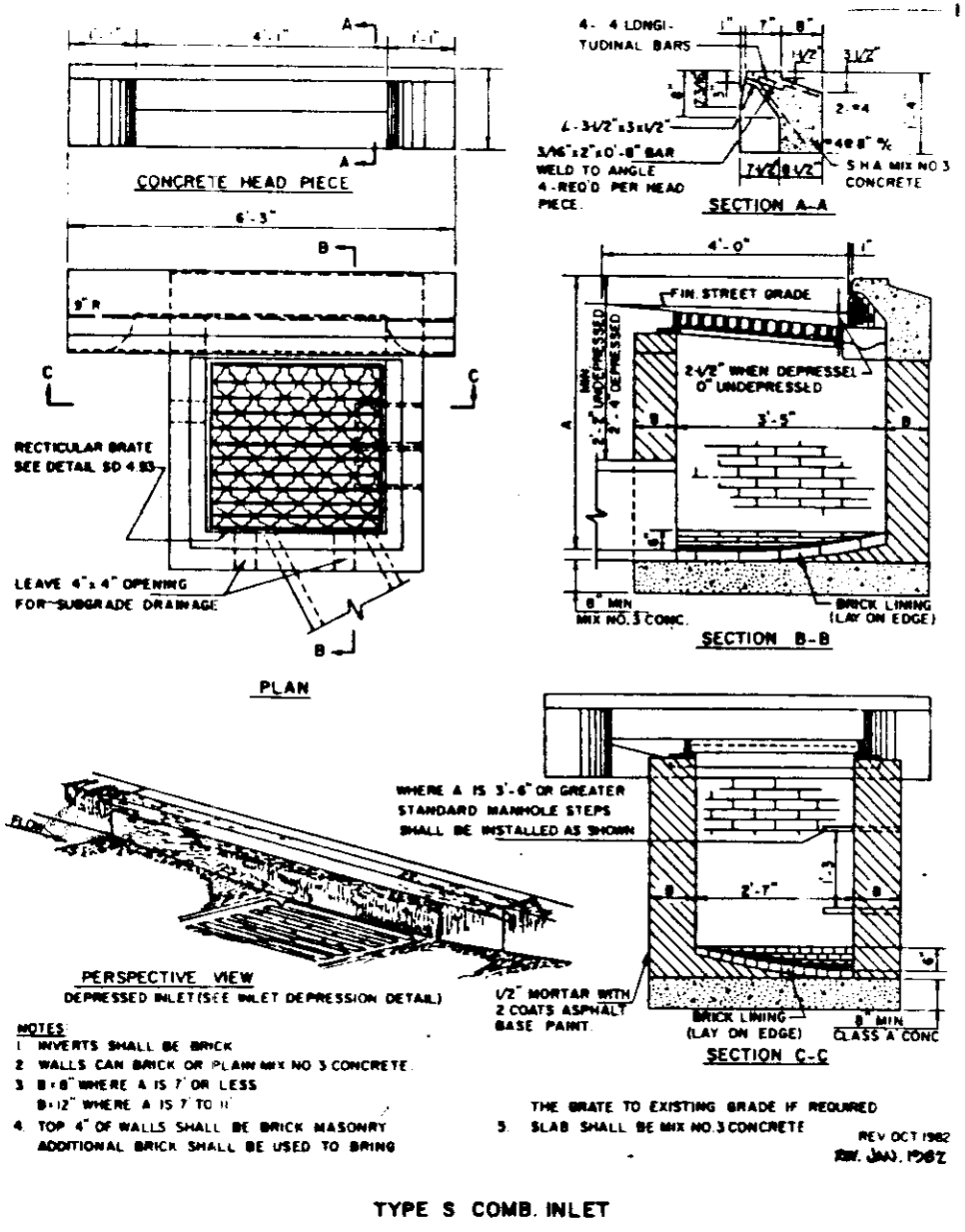


STORM WATER MANAGEMENT AND
LANDSCAPE STRUCTURE
(SEE DETAILS SURFACE P-3)

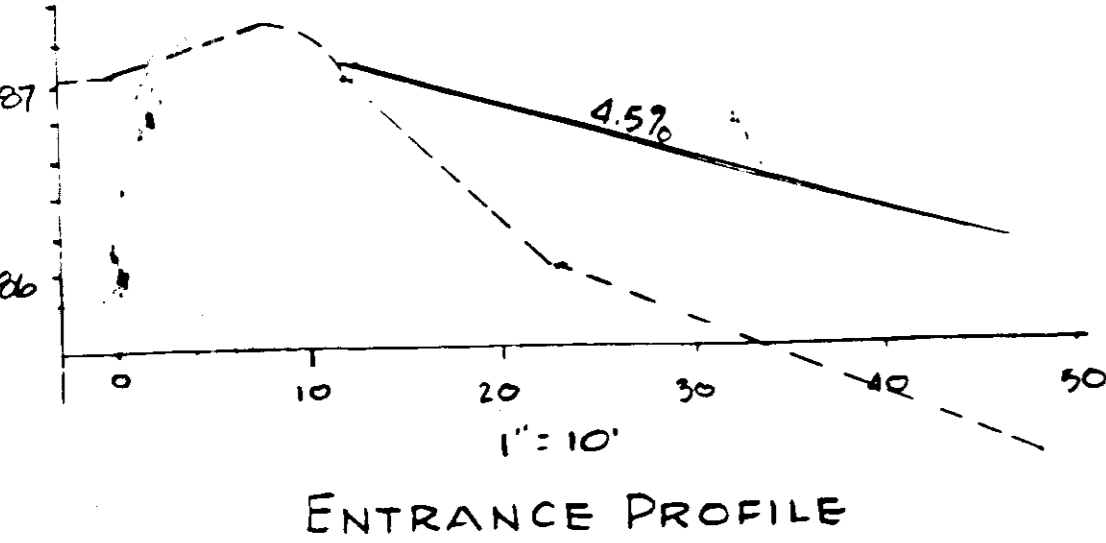
PLANT SCHEDULE

- 10 RED MAPLE ACER RUBUM 2-2 1/2" CAL 8' HT

6-14-85
MS/HAM



BUILDING PROFILES
(No Scale)



ENTRANCE PROFILE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

Joseph B. Jones 7-24-81
DATE

APPROVED FOR HOWARD COUNTY OFFICE OF PLANNING & ZONING

John M. ... 7-25-85
DATE

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

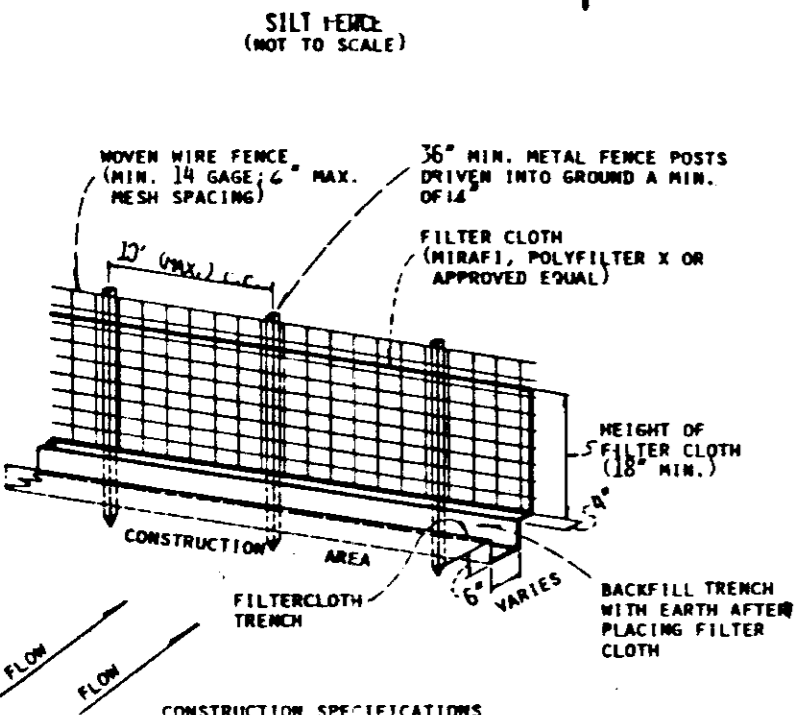
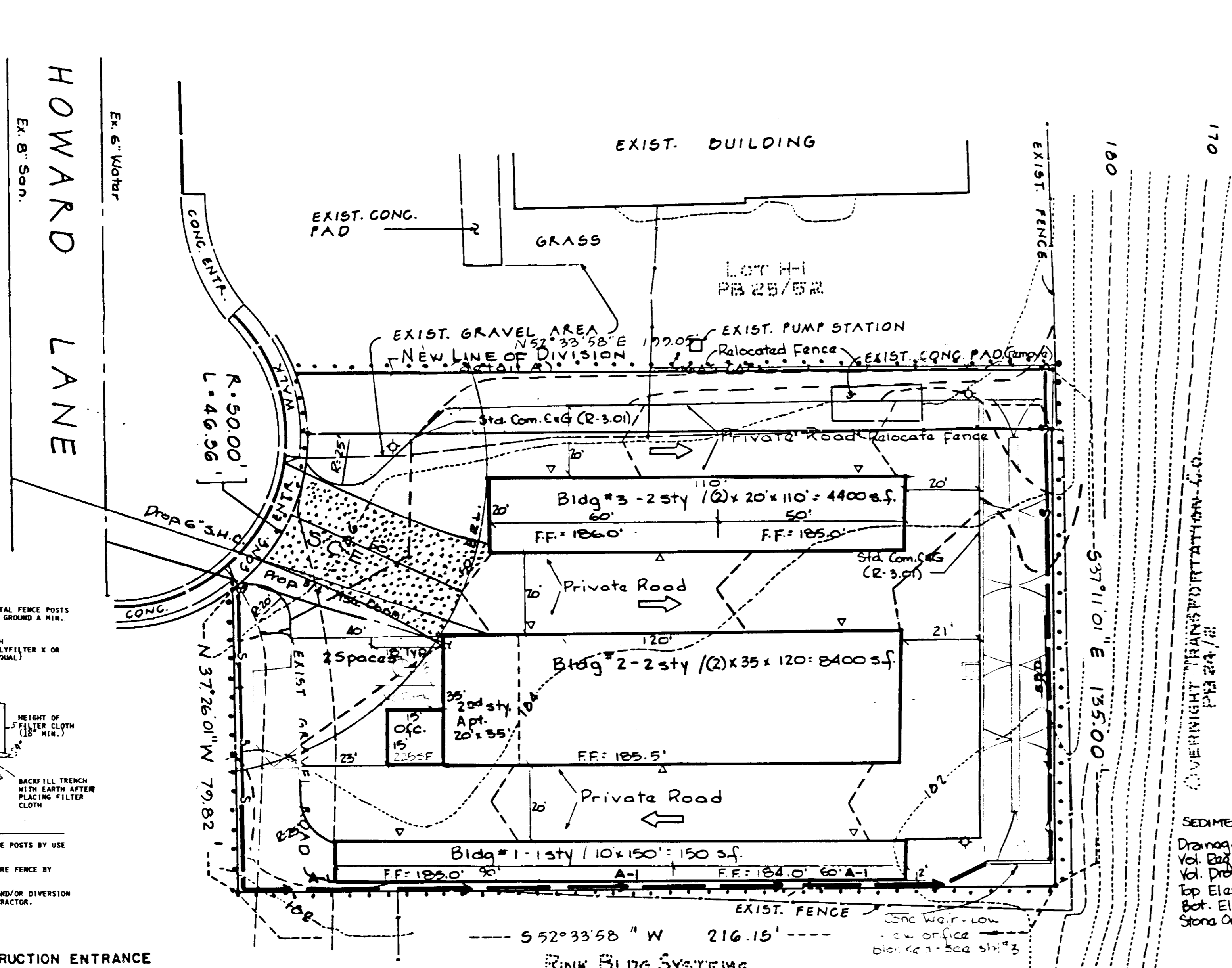
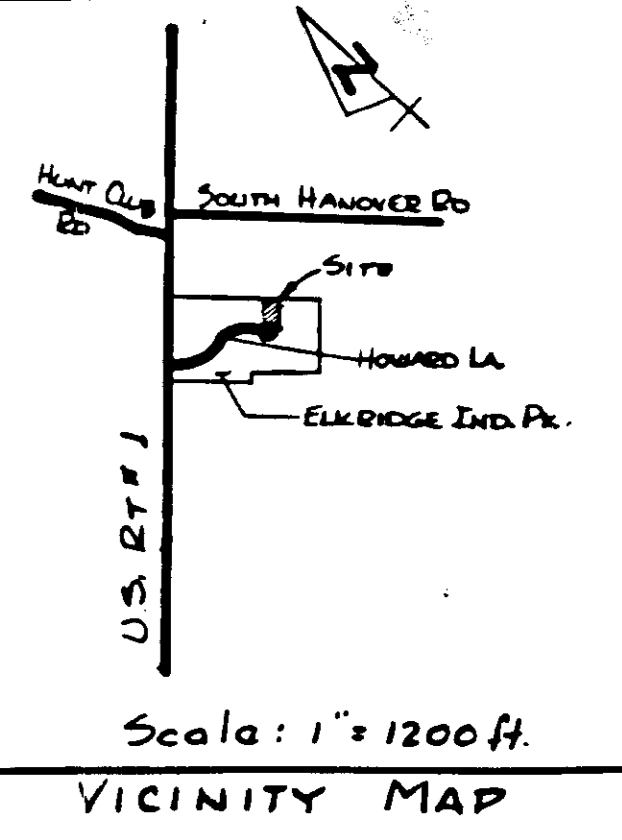
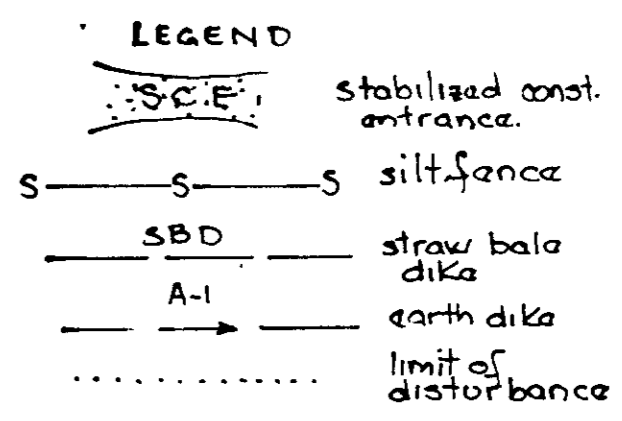
DATE

OWNER/DEVELOPER
RONALD HELMS
DEE'S MINI-STORAGE, INC.
6339 HOWARD LANE
ELK RIDGE, MD 21227
(301) 796-1044

Date	No.	Revision Description
		ADDRESS CHART
		BLDG NUMBER STREET ADDRESS
		1 6333 HOWARD LANE
		2 6340 HOWARD LANE
		3 6345 HOWARD LANE
		5380 V. BLOOMINGDALE
		ELK RIDGE INDUSTRIAL PK 3
		PLAT ORLY BLK# 1301 1302 1303 1304 1305 1306 1307 1308 1309 1310 1311 1312 1313 1314 1315 1316 1317 1318 1319 1320 1321 1322 1323 1324 1325 1326 1327 1328 1329 1330 1331 1332 1333 1334 1335 1336 1337 1338 1339 1340 1341 1342 1343 1344 1345 1346 1347 1348 1349 1350 1351 1352 1353 1354 1355 1356 1357 1358 1359 1360 1361 1362 1363 1364 1365 1366 1367 1368 1369 1370 1371 1372 1373 1374 1375 1376 1377 1378 1379 1380 1381 1382 1383 1384 1385 1386 1387 1388 1389 1390 1391 1392 1393 1394 1395 1396 1397 1398 1399 1400 1401 1402 1403 1404 1405 1406 1407 1408 1409 1410 1411 1412 1413 1414 1415 1416 1417 1418 1419 1420 1421 1422 1423 1424 1425 1426 1427 1428 1429 1430 1431 1432 1433 1434 1435 1436 1437 1438 1439 1440 1441 1442 1443 1444 1445 1446 1447 1448 1449 1450 1451 1452 1453 1454 1455 1456 1457 1458 1459 1460 1461 1462 1463 1464 1465 1466 1467 1468 1469 1470 1471 1472 1473 1474 1475 1476 1477 1478 1479 1480 1481 1482 1483 1484 1485 1486 1487 1488 1489 1490 1491 1492 1493 1494 1495 1496 1497 1498 1499 1500
		WALL CODE 387 WS
		SEWER CODE 387 WS
		CASSELL ENGINEERING, INC. CONSULTING ENGINEERS PLANNERS COCKEYSVILLE, MARYLAND
		AREA PARCEL J-3 SECTION 3 ELK RIDGE INDUSTRIAL PARK PLAT 6251
		TITLE DEE'S MINI-STORAGE SITE DEVELOPMENT PLAN 1ST ELECTION DIST. HOWARD CO., MD.
		Des By RHC Scale 1" = 20' Proj No 121-001
		Drn By PC Date 3/27/85 1 of 3
		Chk By Approved

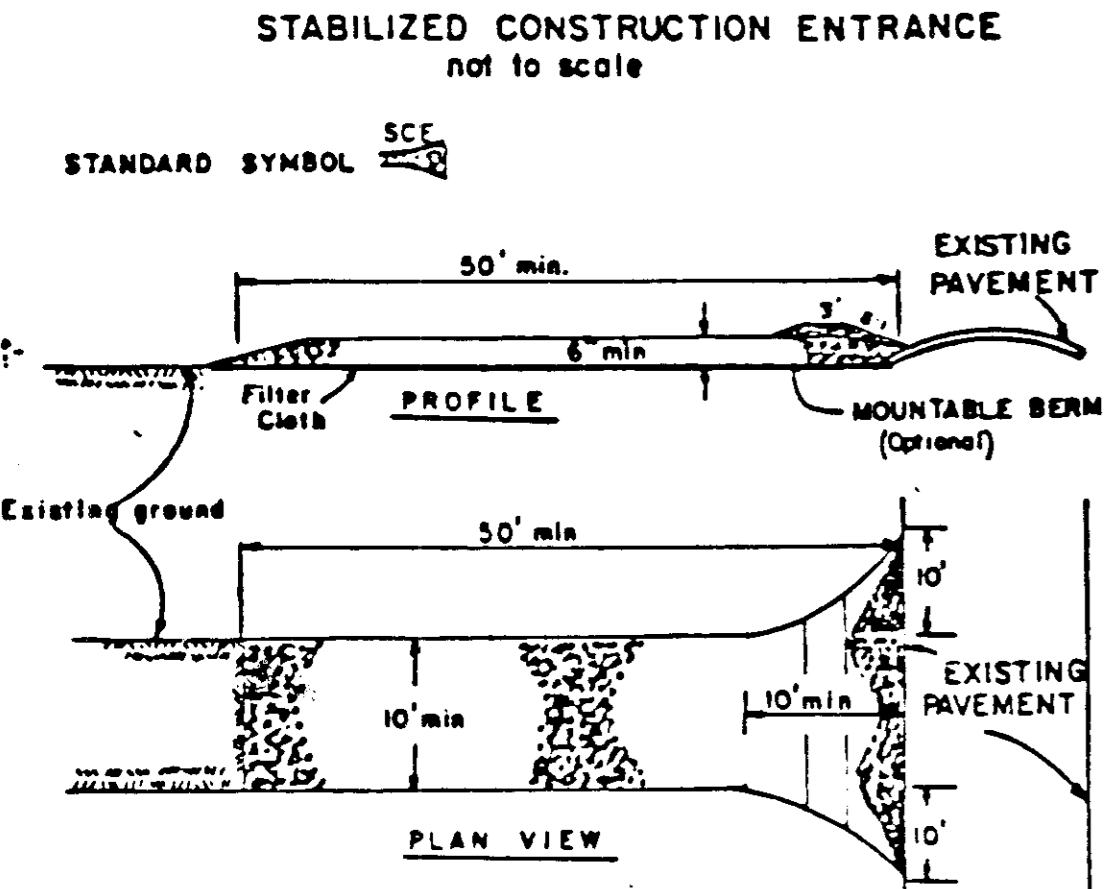
SEDIMENT AND EROSION CONTROL GENERAL NOTES

- All work must comply with "1983 Maryland Standards and Specifications for Soil Erosion and Sediment Control" distributed by the Howard County Soil Conservation District.
- The Contractor must filter run-off, and control sediment all within the site, and as noted. Control of sediment will require the use of "located" type sediment control devices shown on the plan (e.g. Stabilized Construction Entrances, Stone Outlet Sediment Traps, etc.) as well as "unlocated" type devices (e.g. Temporary Seeding areas, Temporary Stockpile Sediment Control, Borrow Pit Sediment Control, etc.) which may not be specifically located on the plan. All controls must be provided as required to filter sediment and control erosion. No disturbed areas are allowed to drain directly off-site.
- Tentative Plan and Schedule above have been approved. Contractor has an option to submit this plan, or its own plan and/or schedule for use as Final Approved Plan.
- The developer is responsible for the acquisition of any easement, rights-of-way, etc. required for any construction operation.
- Inspection by Howard County Department of Public Works, Construction Inspection/Survey Division (HCCI/SD). The contractor or developer shall contact HCCI/SD at least 24 hours in advance of commencement of work. (301) 992-7272.
- Before starting work give HCCI/SD Inspector a copy of Final Approved Plan and Schedule.
- Location adjustments shall be made as field conditions require. Provide temporary seeding and mulching immediately upon installation for all grading type sediment control measures (dikes, trap, etc.).
- The Contractor is responsible for ensuring that all sediment control devices are functional on a day to day basis.
- As work progresses cut and fill slopes shall be bermed, or tracked with a cleared bulldozer to create serrations, to minimize erosion.
- Temporary stockpiles must be surrounded by straw bales, except if stockpile is over 500 cu yd. get separate plan approval from HCCI/SD.
- Get written approval from HCCI/SD of waste and borrow areas. Either use areas having current valid sediment control approvals, or submit separate sediment control plan and get approval as required. Get approvals from HCCI/SD. Give copy of approval to HCCI/SD Inspector.
- Following initial soil disturbance or redisturbance, permanent or temporary stabilization shall be completed within:
 - 7 calendar days as to the surface of all perimeter controls, Dikes, Swales, Ditches, Perimeter slopes and all slopes greater than 3:1
 - 14 days as to all other disturbed or graded areas on the project site then followed by permanent seeding and mulching. At Contractor's option, much stabilization may be omitted; 15% topsoil and permanent seeding and mulching is substituted or temporary seeding and mulching followed by later permanent seeding is substituted.
- Complete final surfaces (pavements, lawns, turf, etc.). Get HCCI/SD Inspector's approval of grass growth. After approval of Inspector, remove temporary Sediment Control measures.
 - Place topsoil, disc, rake and fine grade.
 - Place lime, fertilizer and MSHA Seed Mix No. 1 at 110 to 130 lbs. per acre
 - Place mulch at 2 tons per acre and secure with sodalite or 2 1/2 tons per acre and secure with mulch according to 100.
 - Place mulch at 2 tons per acre and secure with peg and string or sodalite, 2 1/2 tons per acre and secure with mulch according to 100.
 - Replace with topsoil, permanent seed and mulch. (14 above)
- Temporary seeding and mulching: Place when ground is tamped
 - Disc soil to 3 inch depth, and fine grade
 - Place fertilizer and MSHA temporary seeding Mix No. 100 at 100 lbs. per acre
 - Place mulch at 2 tons per acre and secure with peg and string or sodalite, 2 1/2 tons per acre and secure with mulch according to 100.
 - Replace with topsoil, permanent seed and mulch. (14 above)
- Mulch Stabilization: Place at any time.
 - Place mulch at 2 tons per acre, secure with peg and string or sodalite, 2 1/2 tons per acre and secure with mulch anchor tool.
 - Replace with topsoil, permanent seed and mulch (14 above).
- Tentative Schedule:
 - 3 days
 - 1 day
 - 1 day

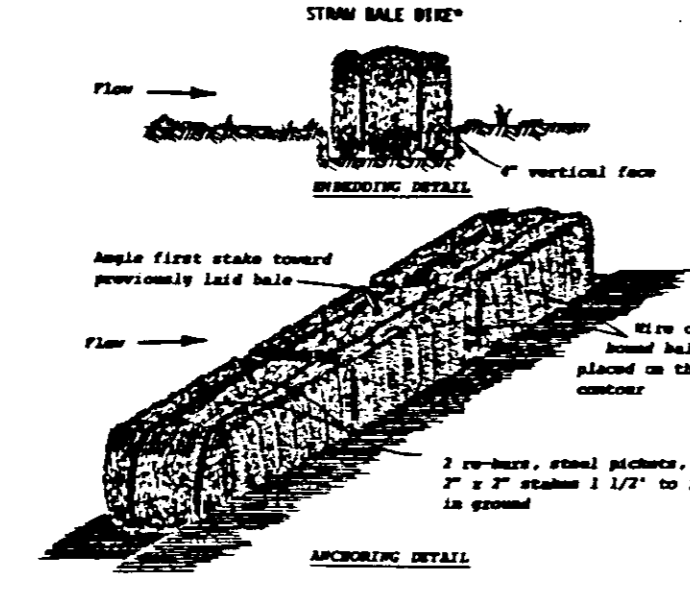


- MOVIE WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS BY USE OF WIRE TIES.
- FILTER CLOTH TO BE FASTENED SECURELY TO MOVIE WIRE FENCE BY USE OF WIRE TIES SPACED EVERY 24" x 24"
- SILT FENCE TO BE PLACED IN LIEU OF STRAW BALES AND/OR DIVERSION DICES AT THE OPTION OF THE DEVELOPER AND/OR CONTRACTOR.

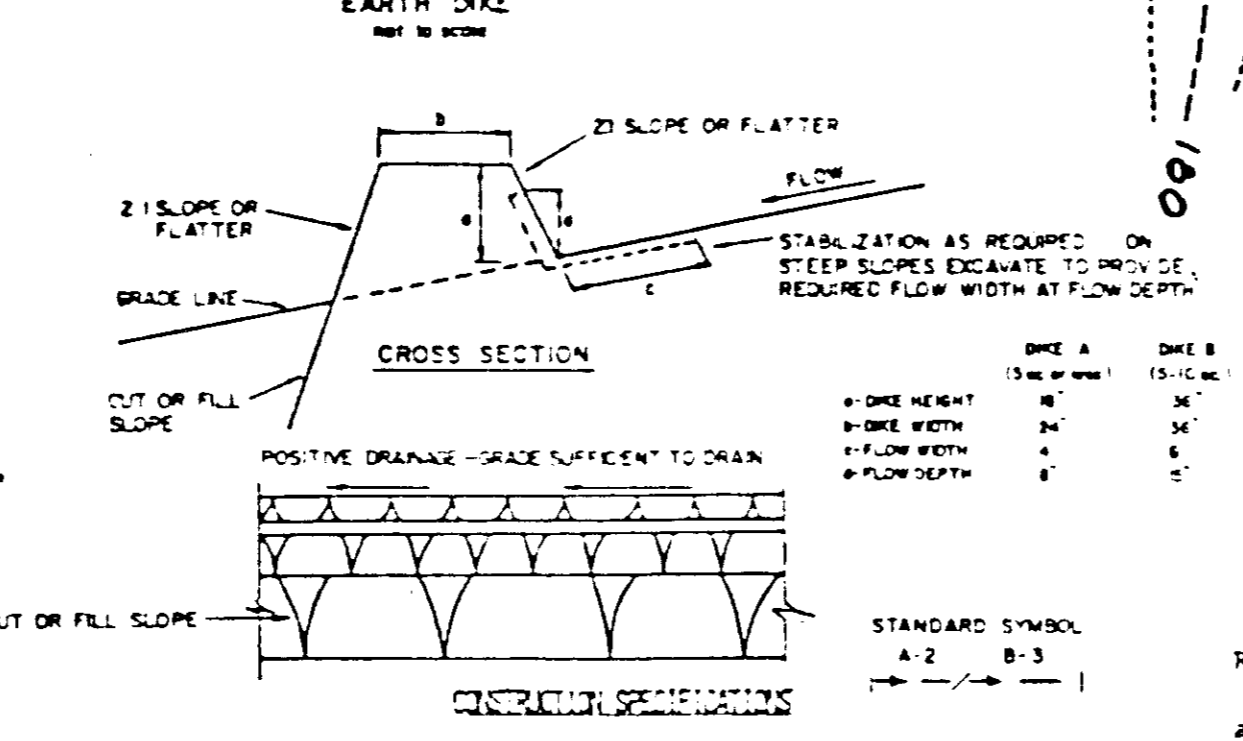
SEDIMENT TRAP
 Drainage Area: 0.65 ac
 Vol. Bldg: 104,97 cu yd
 Vol. Provided: 104,97 cu yd
 Top Elev.: 22.44
 Bot. Elev.: 17.24
 Stone Outlet: 1: soft



- Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
- Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
- Thickness - Not less than six (6) inches.
- Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
- Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
- Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 5:1 slopes will be permitted.
- Maintenance - The entrance shall be maintained in a condition which will prevent tracking of flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
- Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
- Periodic inspection and needed maintenance shall be provided after each rain.



- Bales shall be placed in a row with ends tightly abutting the adjacent bales.
- Bale holes shall be embedded in the soil a minimum of 4".
- Bales shall be securely anchored in place by stakes or rebar driven through the bales. The first stake in each bale shall be placed and secured previously laid bale or fence bales together.
- Inspection shall be frequent and repair or replacement shall be made promptly as needed.
- Bales shall be removed when they have served their usefulness or are set on block or impede stone flow or drainage.



- ALL DIKES SHALL BE COMPACTED BY EARTH-MOVING EQUIPMENT.
- ALL DIKES SHALL HAVE POSITIVE DRAINAGE TO AN OUTLET.
- TOP WIDTH MAY BE WIDER AND SIDE SLOPES MAY BE FLATTER IF DESIGNED TO FACILITATE CROSSING BY CONSTRUCTION TRAFFIC.
- FIELD LOCATION SHOULD BE ADJUSTED AS NEEDED TO UTILIZE A STABILIZED SAFE OUTLET.
- EARTH DIKES SHALL HAVE AN OUTLET THAT FUNCTIONS WITH A MINIMUM OF EROSION. OUTLET SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE SUCH AS A SEDIMENT TRAP OR SEDIMENT BASIN WHERE EITHER THE DIKE CHANNEL, OR THE DRAINAGE AREA ABOVE THE DIKE ARE NOT SEPARATELY STABILIZED.
- STABILIZATION SHALL BE: (A) IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR SEED AND STRAW MULCH OR STRAW MULCH IF NOT IN SEEDING SEASON, (B) FLOW CHANNEL, AS PER THE CHART BELOW.

TYPE OF TREATMENT	OWNER	DIKE A	DIKE B
1	5-3-02	SEED AND STRAW MULCH	SEED AND STRAW MULCH
2	3-1-5-02	SEED AND STRAW MULCH	SEED USING WIRE OF GALVANIZED STEEL 2" STONE
3	5-1-8-02	SEED WITH LIME, OR SOIL 2" STONE	LINED RIM-PAP 4-8"
4	8-1-2-02	LINED RIM-PAP 4-8"	ENGINEERING DESIGN

Reviewed for _____ S.C.D. Name and meets Technical Requirements.

U.S. Soil Conservation Service Date

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

Howard S.C.D. Date

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

APPROVED FOR PLANNING AND ZONING DEPARTMENT OF PLANNING AND ZONING

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

APPROVED FOR PLANNING AND ZONING DEPARTMENT OF PLANNING AND ZONING

Professional Engr. No. 121-001

SDP-85-181

Developers Certification
 "I hereby certify that all development and construction will be done according to this plan, 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."
 Richard H. Cassell
 4/5/85 DATE

Engineers Certification
 "I certify that this plan has been prepared in accordance with the 1983 Maryland Standards and Specifications for Soil Erosion and Sediment Control, and the Howard County Storm Water Management Ordinance, Bill 28-84, as amended."
 Richard H. Cassell
 #12427
 4/5/85 DATE

ENGINEER'S CERTIFICATE
 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."
 Richard H. Cassell
 #12427
 4/5/85 DATE

Owner/Developer
 Ronald Home
 201 Min St. Unit 10
 281 Howard Lane
 Ellicott City, Md 21727
 (301) 796-2444
 ENGINEER
 Cassell Engineering Inc
 6572 Lee Rd. Bldg 20
 Hunt Valley, Md 21030
 (301) 622-9800

Date	No.	Revision Description
5/12/85	1	Revision per G. Comments dtd 5/6/85

OWNER / DEVELOPER
 DEE'S MINI-STORAGE, INC.
 6559 HOWARD LANE
 ELKBRIDGE, MARYLAND 21227
 (301) 796-1044

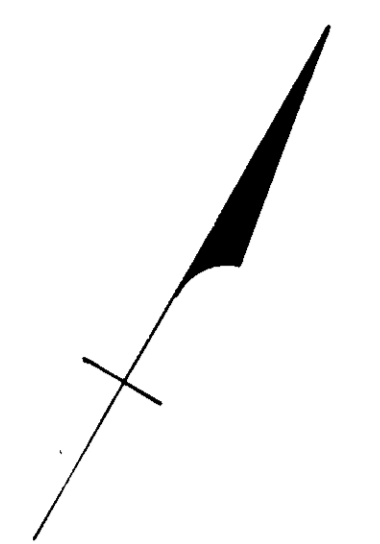
CASSELL ENGINEERING, INC.
 CONSULTING ENGINEERS PLANNERS
 COCKEYSVILLE, MARYLAND

AREA
 PARCEL J-3 SECTION 3
 ELKBRIDGE INDUSTRIAL PARK
 PLAT 6231

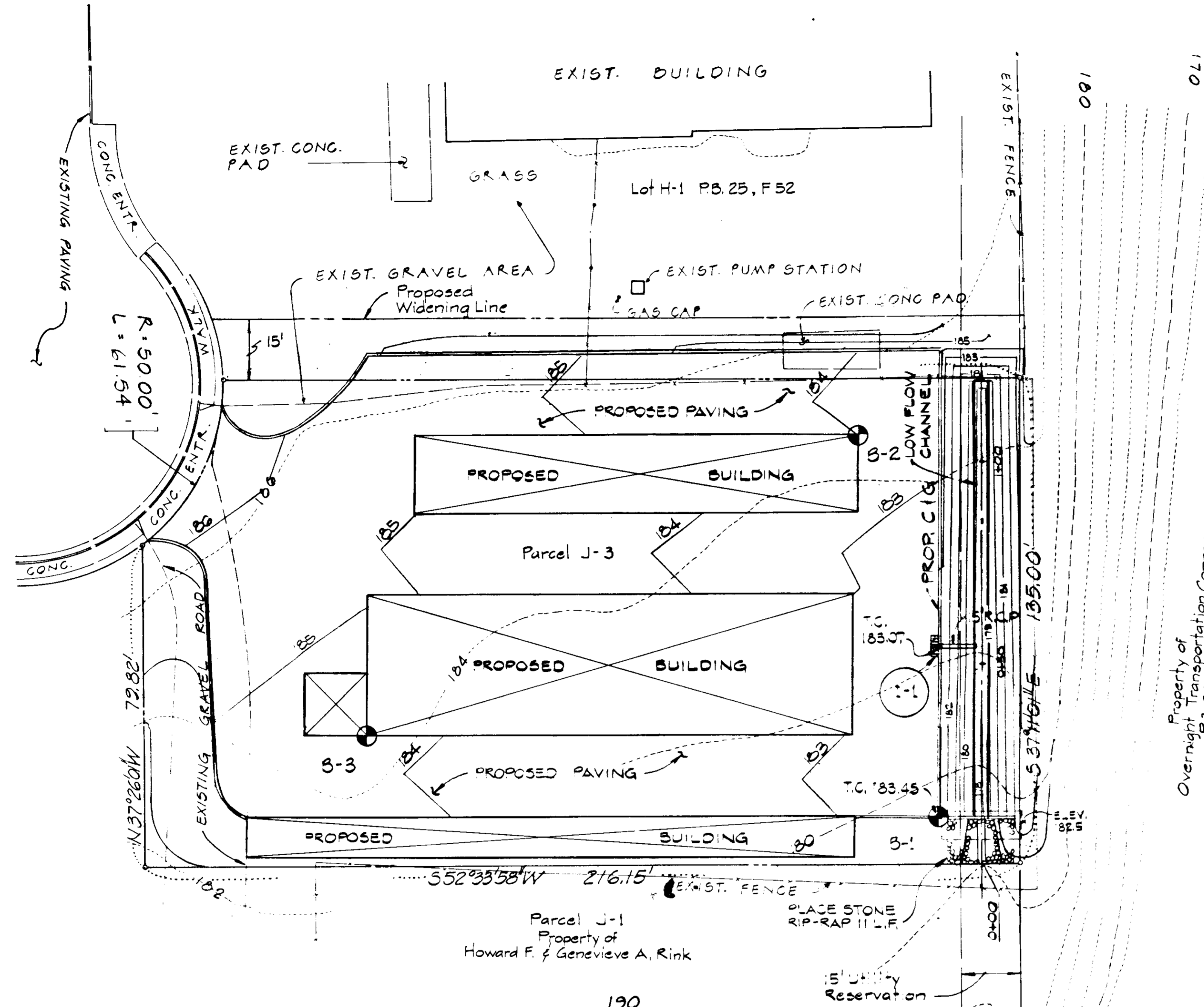
TITLE
 DEE'S MINI-STORAGE
 SEDIMENT CONTROL PLAN
 1ST ELECTION DIST. HOWARD CO. MD.

Des By EHC Scale 1" = 20'
 Dwn By PC Date 3/27/85
 Chk By [Signature] Approved Professional Engr. No. 121-001

SDP-85-181

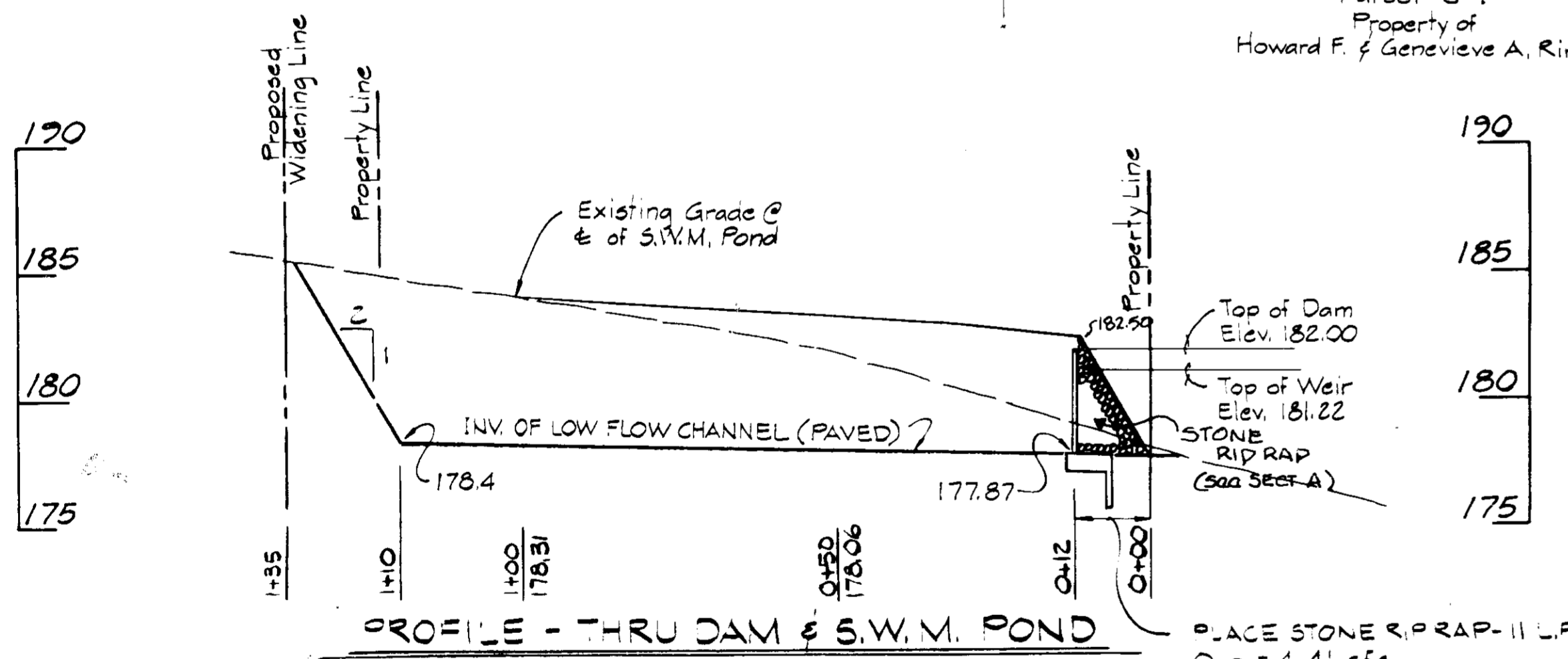


HOWARD LANE



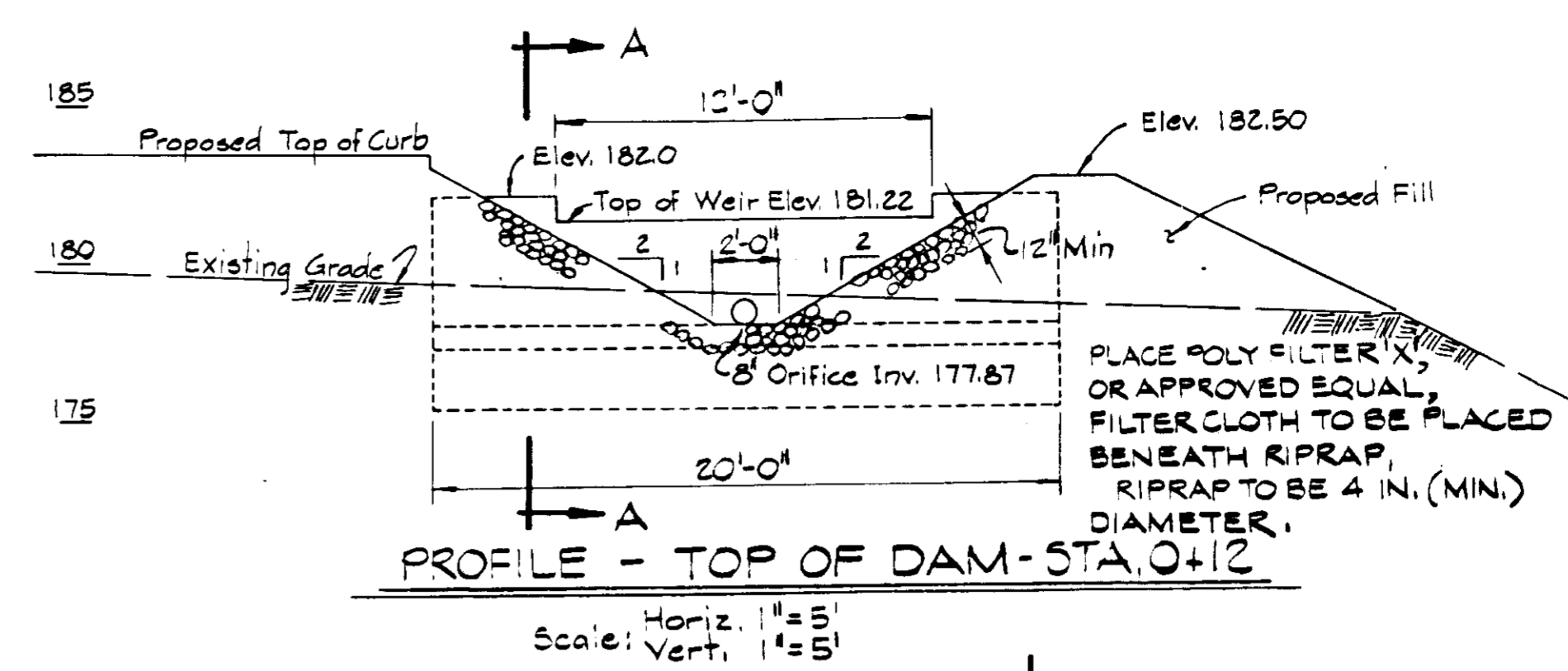
LEGEND

SOIL BORING LOCATION



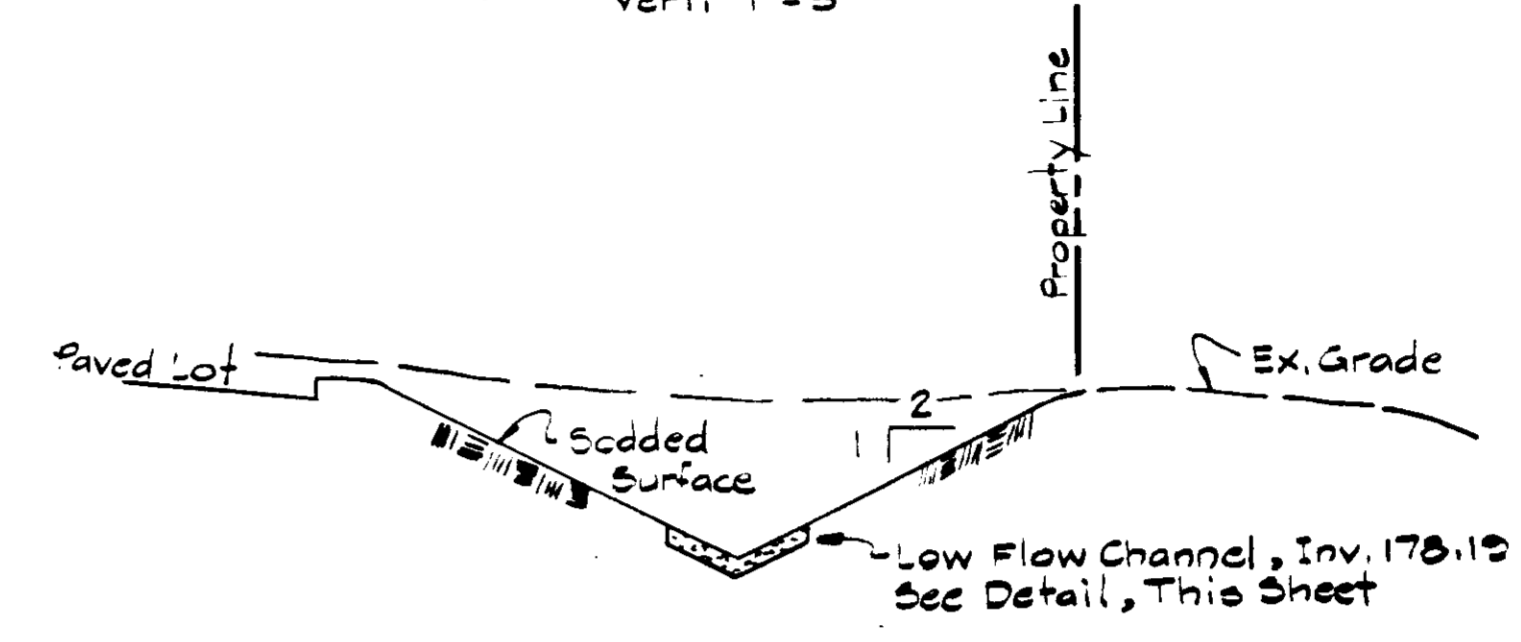
PROFILE - THRU DAM & S.W.M. POND

Scale: Horiz. 1"=20'
Vert. 1"=5'



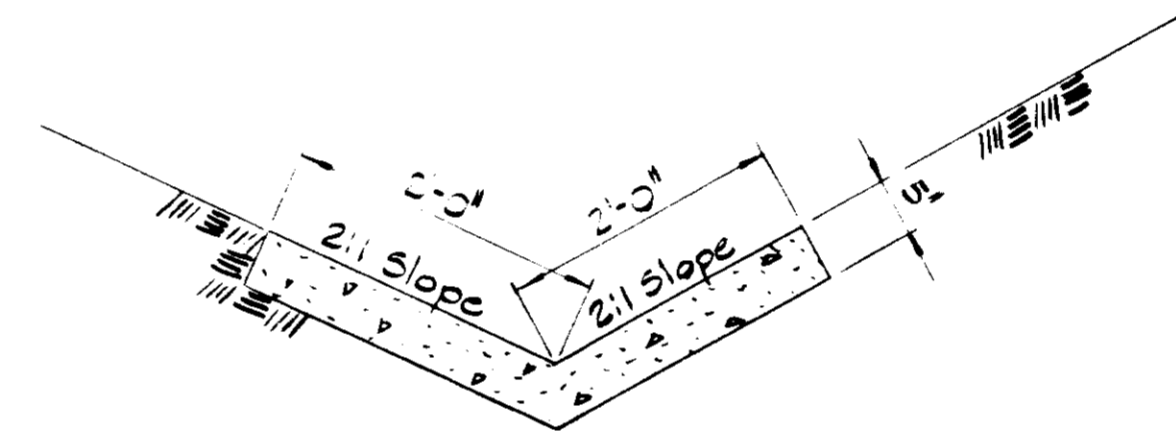
PROFILE - TOP OF DAM - STA. 0+12

Scale: Horiz. 1"=5'
Vert. 1"=5'



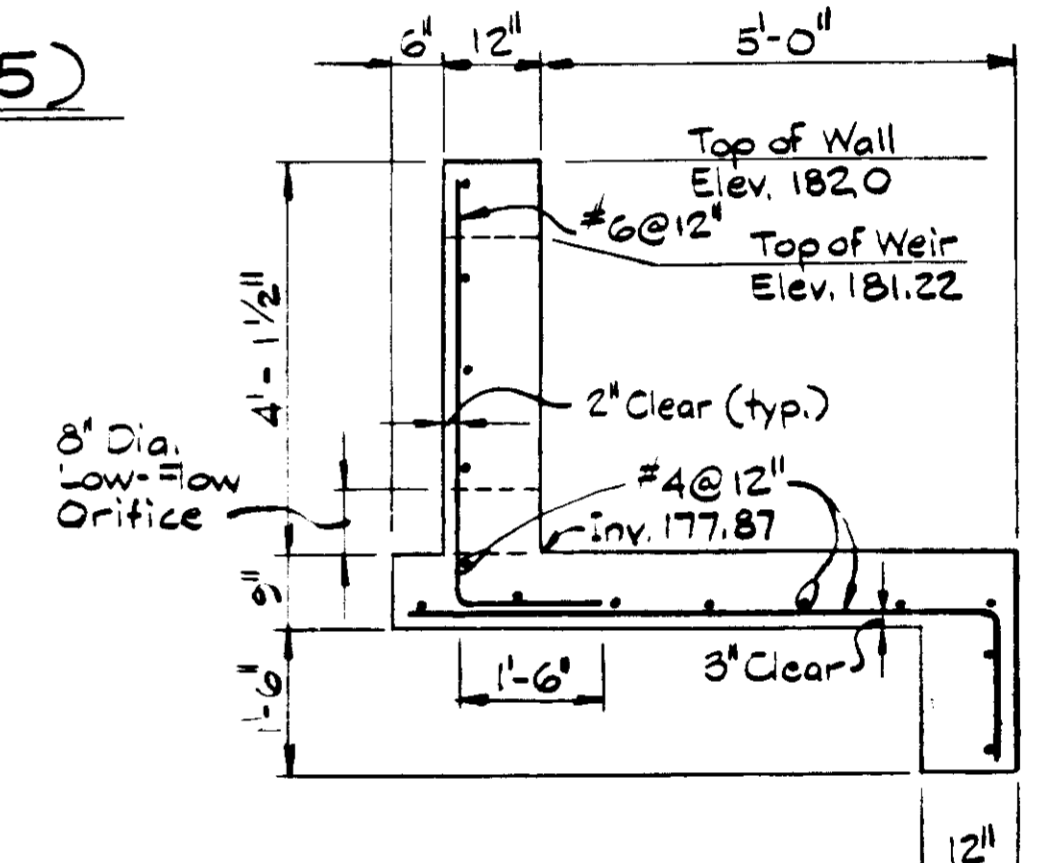
TYPICAL SECTION THRU STORM WATER MANAGEMENT POND (SECTION @ STATION 0+75)

Scale: Horiz. 1"=5'
Vert. 1"=5'



LOW-FLOW CHANNEL

NOT TO SCALE



SECTION 'A-A'

Scale 1/2"=1'-0"

WATER SURFACE ELEVATIONS:
1) 2yr storm - 178.58'
2) 10yr storm - 181.66'

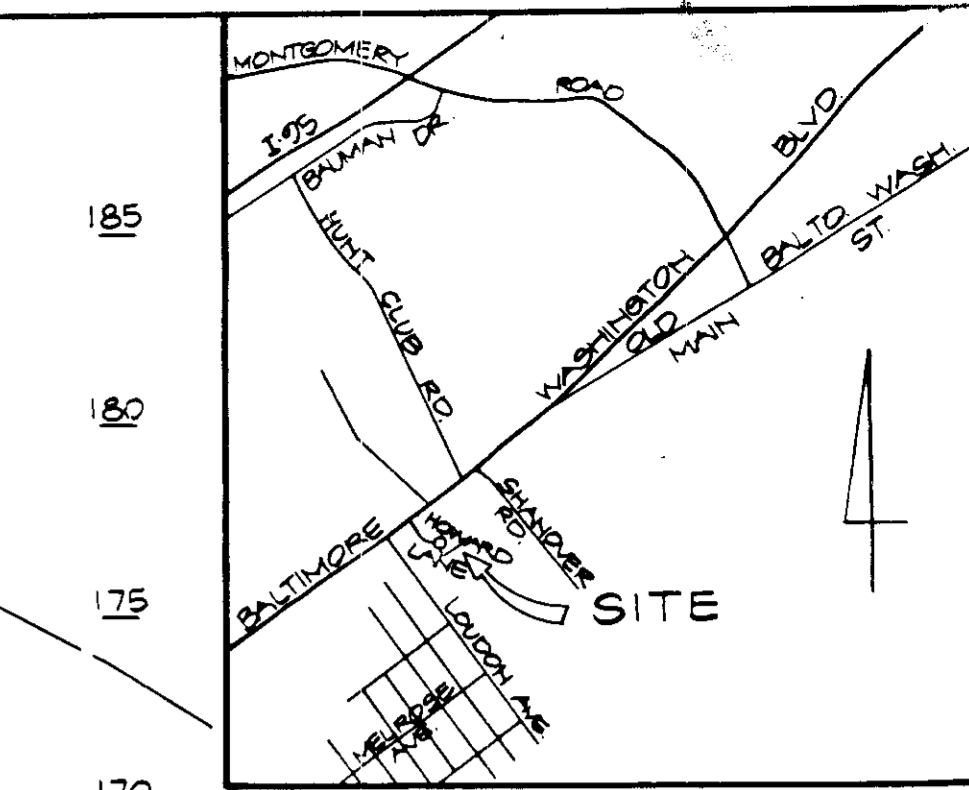
STRUCTURE SCHEDULE

No.	TYPE	Invert Elev.	Top ELEV	Upper	Lower
I-1	"S" Inlet	179.19'	179.1'	182.37'	182.27'

Ho. Co. STD 4.32

OWNER
RONALD ELYS
2339 HOWARD LANE
ELK RIDGE, MD 21227

ENGINEER
CASSELL ENGINEERING, INC.
1015 TRICKLING BROOK ROAD
COCKEYSVILLE, MD 21030
TELEPHONE (301) 628-1950



VICINITY MAP
SCALE 1"=2000'

Date	No.	Revision Description
		ADDRESS CHART
		STREET ADDRESS
	1	6353 HOWARD LANE
	2	6349 HOWARD LANE
	3	6345 HOWARD LANE

BLDG. NO.	STREET ADDRESS	SECTION	PARCEL NO.
1	6353 HOWARD LANE	3	J-3
2	6349 HOWARD LANE		
3	6345 HOWARD LANE		

PLAT NO. OR L/P	BLOCK NO.	ZONE	TAX/ZONE MAP	ELECT. DIST.	CENSUS TR.
G251	13	M-1	38	12	G012

WATER CODE 387 W&S SEWER CODE 387 W&S

CASSELL ENGINEERING, INC.
CONSULTING ENGINEERS PLANNERS
COCKEYSVILLE, MARYLAND

AREA ELKRIDGE INDUSTRIAL PARK
PARCEL J-3 SECTION 3
FIRST ELECTION DISTRICT, HOWARD COUNTY, MD.

TITLE **DEE'S MINI STORAGE STORM WATER MANAGEMENT PLAN**

Des By D.E.H. Scale 1"=20' Proj No
Dwn By T.A.W. SR. Date 4/4/85 3 of 3
Chk By D.E.H. Approved

By the Developer:
"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 30 days of completion."
4-5-85
DATE

By the Engineer:
"I certify that this plan for pond construction, erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions. This plan was prepared in accordance with the requirements of the Howard Soil Conservation District. I have notified the developer that he must provide the Howard Soil Conservation District with an "as built" plan of the pond within 30 days of completion."
4-15-85
DATE
DONALD E. HICKS, P.E.

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.
U.S. Soil Conservation Service Date
These plans for small pond construction, soil erosion and sediment control meet the requirements of the Howard Soil Conservation District.
Howard Soil Conservation District Date

APPROVED - HOWARD COUNTY OFFICE OF PLANNING AND ZONING
PLANNING DIRECTOR DATE
7-25-85
CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR DATE
CHIEF, BUREAU OF ENGINEERING DATE
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER DATE
7-24-85

6-14-85
T.A.W.