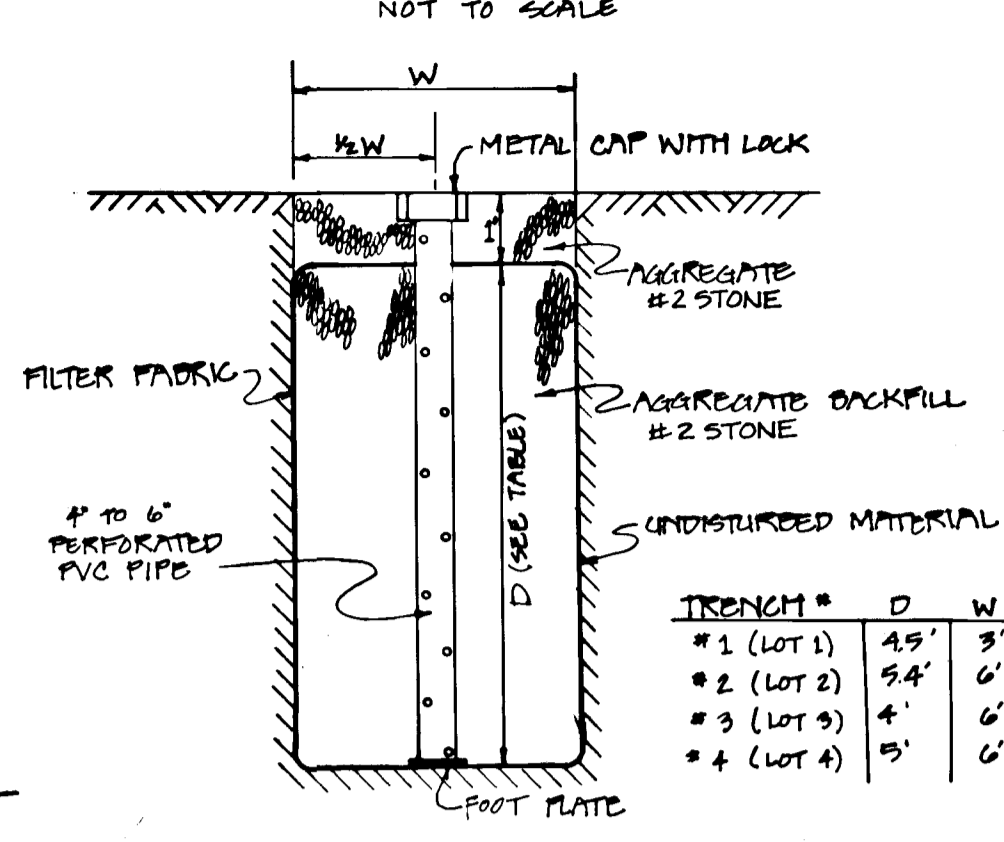
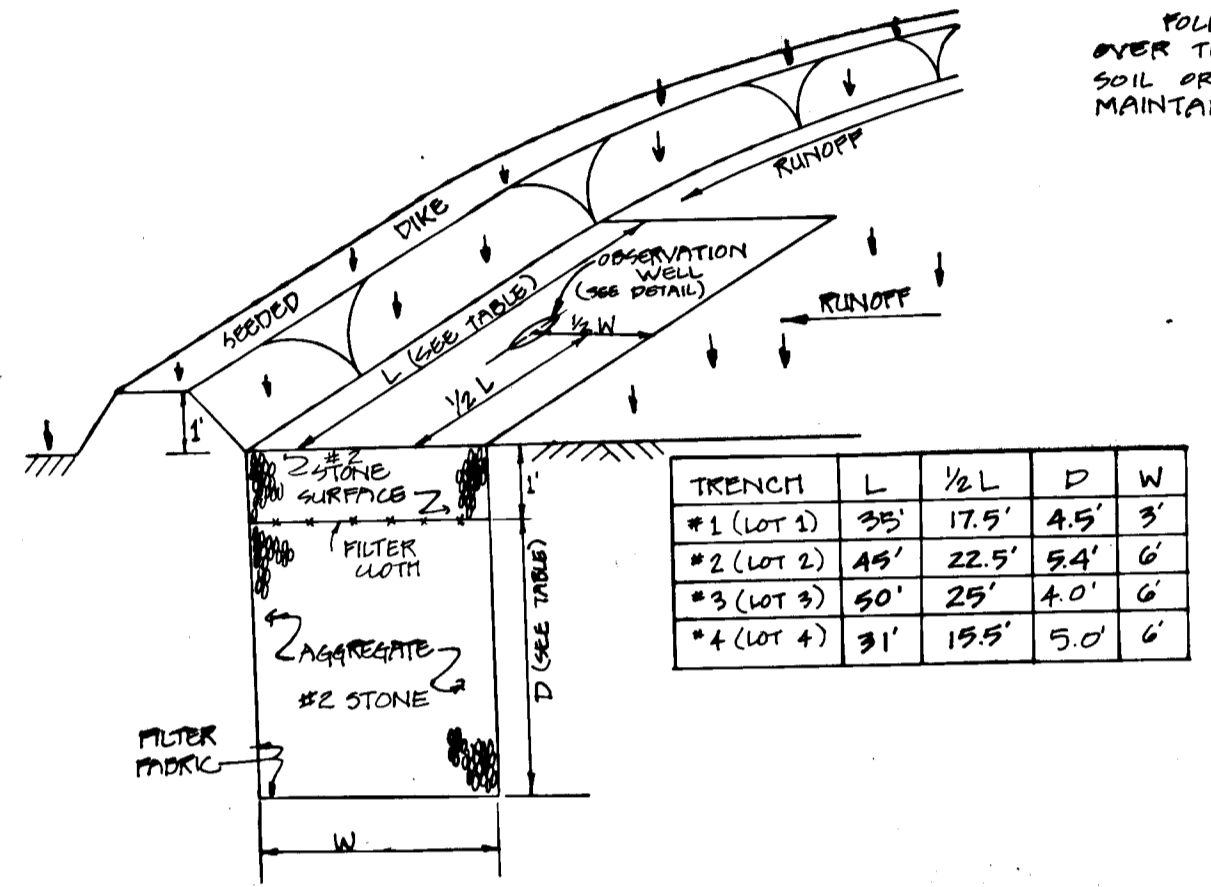


PLAN VIEW
SCALE: 1" = 30'

OBSERVATION WELL DETAIL
NOT TO SCALE



TYPICAL SECTION INFILTRATION TRENCHES
NO SCALE



3.3.6. CONSTRUCTION SPECIFICATIONS

3.3.6.1. TIMING
AN INFILTRATION TRENCH SHALL NOT BE CONSTRUCTED OR PLACED IN SERVICE UNTIL ALL OF THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED AND APPROVED BY THE RESPONSIBLE INSPECTOR.

3.3.6.2. TRENCH PREPARATION
EXCAVATE THE TRENCH TO THE DESIGN DIMENSIONS. EXCAVATED MATERIALS SHALL BE PLACED AWAY FROM THE TRENCH SIDES TO ENHANCE WALL STABILITY. LARGE TREE ROOTS MUST BE TRIMMED FLUSH WITH THE TRENCH SIDES IN ORDER TO PREVENT ROOTING OR TEARING DURING SUBSEQUENT INSTALLATION PROCEDURES. THE SIDE WALLS OF THE TRENCH SHALL BE REINFORCED WHERE SHEARED AND SEALED BY HEAVY EQUIPMENT.

3.3.6.3. FABRIC LAYDOWN
THE FILTER FABRIC ROLL MUST BE CUT TO THE PROPER WIDTH PRIOR TO INSTALLATION. THE CUT WIDTH MUST INCLUDE SUFFICIENT MATERIAL TO CONFORM TO TRENCH IRREGULARITIES AND FOR A 6-INCH MINIMUM TOP OVERLAP. PLACE THE FABRIC ROLL OVER THE TRENCH AND UNROLL A SUFFICIENT LENGTH TO ALLOW PLACEMENT OF THE FABRIC DOWN INTO THE TRENCH. STONES OR OTHER ANCHORING OBJECTS SHOULD BE PLACED ON THE FABRIC AT THE EDGE OF THE TRENCH TO KEEP THE LINED TRENCH OPEN DURING WINDY PERIODS. WHEN OVERLAPS ARE REQUIRED BETWEEN ROLLS THE UPSTREAM ROLL SHOULD LAP A MINIMUM OF TWO FEET OVER THE DOWNSTREAM ROLL IN ORDER TO PROVIDE A SHINGLED EFFECT. THE OVERLAP ENSURES FABRIC CONTINUITY OR TO ENSURE THAT THE FABRIC CONFORMS TO THE EXCAVATION SURFACE DURING AGGREGATE PLACEMENT AND COMPACTION.

3.3.6.4. STONE AGGREGATE PLACEMENT AND COMPACTION
THE STONE AGGREGATE SHOULD BE PLACED IN LIFTS AND COMPACTED USING PLATE COMPACTORS. AS A RULE OF THUMB, A MAXIMUM LOOSE THICKNESS OF 12 INCHES IS RECOMMENDED. THE COMPACTION PROCESS ENSURES FABRIC CONFORMITY TO THE EXCAVATION SIDES, THEREBY REDUCING THE POTENTIAL FOR SOIL PILING, FABRIC CLOGGING, AND SETTLEMENT PROBLEMS.

3.3.6.5. OVERLAPPING AND COVERING
FOLLOWING THE STONE AGGREGATE PLACEMENT, THE FILTER FABRIC SHALL BE FOLDED OVER THE STONE AGGREGATE TO FORM A 6" MINIMUM LONGITUDINAL LAP. THE DESIRED FILL SOIL OR STONE AGGREGATE SHALL BE PLACED OVER THE LAP AT SUFFICIENT INTERVALS TO MAINTAIN THE LAP DURING SUBSEQUENT BACKFILLING.

3.3.6.6. CONTAMINATION
CARE SHALL BE EXERCISED TO PREVENT NATURAL OR FILL SOILS FROM INTERMIXING WITH THE STONE AGGREGATE. ALL CONTAMINATED STONE AGGREGATE SHALL BE REMOVED WITH UNCONTAMINATED STONE AGGREGATE.

3.3.6.7. VOIDS BEHIND FABRIC
VOIDS CAN BE CREATED BETWEEN THE FABRIC AND EXCAVATION SIDES AND SHALL BE AVOIDED. REMOVING BOULDER OR OTHER OBSTACLES FROM THE TRENCH WALLS IS ONE SOURCE OF SUCH VOIDS. NATURAL SOILS SHOULD BE PLACED IN THESE VOIDS AT THE MOST CONVENIENT TIME DURING CONSTRUCTION TO ENSURE FABRIC CONFORMITY TO THE EXCAVATION SIDES. SOIL PILING, FABRIC CLOGGING, AND POSSIBLE SURFACE SUBSIDENCE WILL BE AVOIDED BY THIS REMEDIAL PROCESS.

3.3.6.8. UNSTABLE EXCAVATION SIDES
VERTICALLY EXCAVATED WALLS MAY BE DIFFICULT TO MAINTAIN IN AREAS WHERE THE SOIL MOISTURE IS HIGH OR WHERE SOFT COHESIVE OR COHESIONLESS SOILS PREDOMINATE. THESE CONDITIONS MAY REQUIRE LAYING BACK OF THE SIDES SLOOPS TO MAINTAIN STABILITY; TRAPEZOIDAL RATHER THAN RECTANGULAR CROSS SECTIONS MAY RESULT.

3.3.6.9. VEGETATIVE BUFFER
THE VEGETATIVE BUFFER OF AT LEAST 20 FEET (WIDER, IF POSSIBLE) SHALL BE USED TO INTERCEPT SURFACE RUNOFF FROM ALL IMPERVIOUS AREAS.

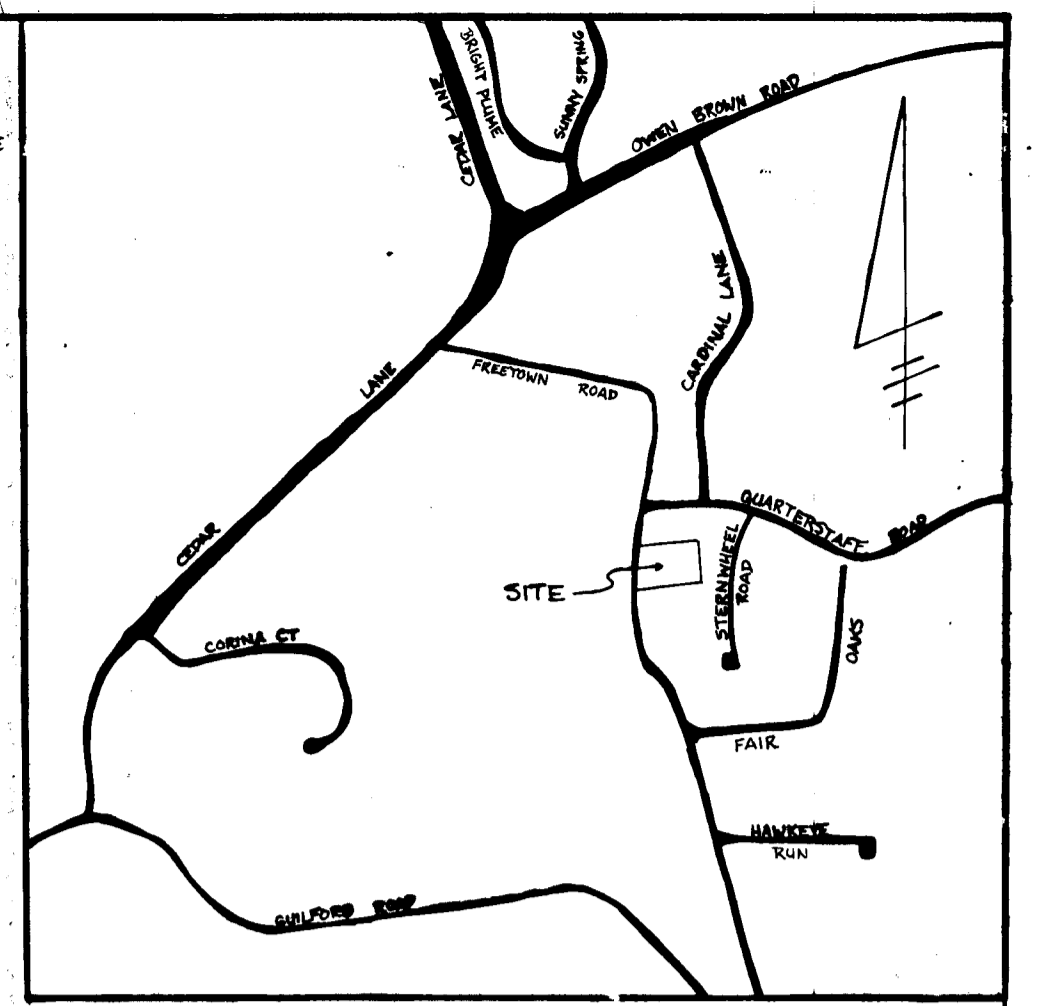
3.3.6.10. TRAFFIC CONTROL
HEAVY EQUIPMENT AND TRAFFIC SHALL BE RESTRICTED FROM TRAVELLING OVER THE INFILTRATION AREAS TO MINIMIZE COMPACTION OF THE SOIL.

3.3.6.11. OBSERVATION WELL
AN OBSERVATION WELL, AS DESCRIBED IN SUBSECTION 3.3.4.8. AND FIGURE 3-5 SHALL BE PROVIDED. THE DEPTH OF THE WELL AT THE TIME OF INSTALLATION WILL BE CLEARLY MARKED ON THE WELL CAP.

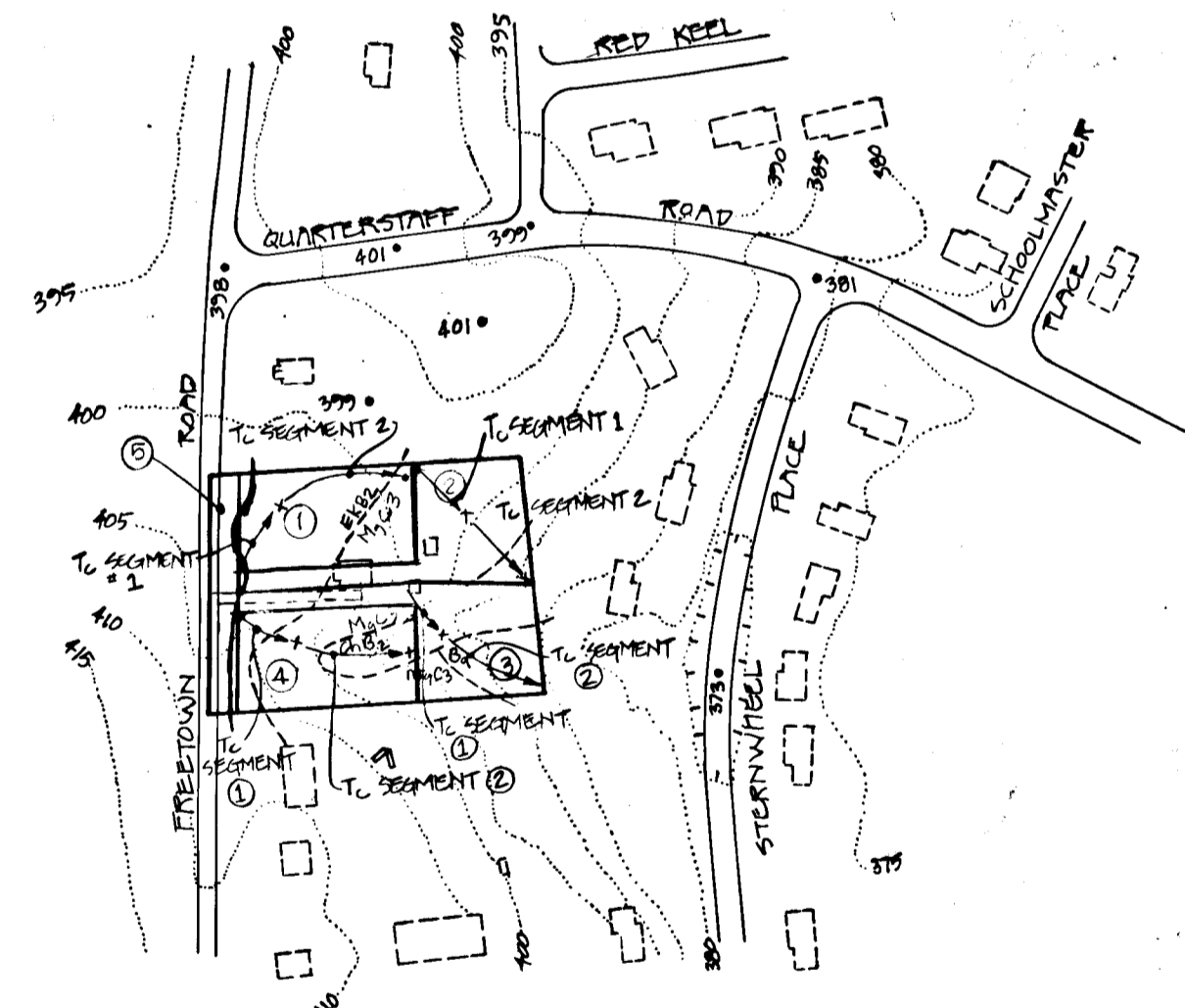
3.3.7. MAINTENANCE
INFILTRATION TRENCHES SHALL BE DESIGNED TO MINIMIZE MAINTENANCE. HOWEVER, IT IS RECOGNIZED THAT ALL INFILTRATION FACILITIES ARE SUBJECT TO CLOGGING BY SEDIMENT, OIL, GREASE, GRIT, AND OTHER DEBRIS. IN ADDITION, THE PERFORMANCE AND LONGEVITY OF THESE STRUCTURES IS NOT WELL DOCUMENTED. CONSEQUENTLY, A MONITORING OBSERVATION WELL IS REQUIRED FOR ALL INFILTRATION STRUCTURES.

THE OBSERVATION WELL SHALL BE MONITORED PERIODICALLY. FOR THE FIRST YEAR AFTER COMPLETION OF CONSTRUCTION, THE WELL SHOULD BE MONITORED ON A QUARTERLY BASIS AND AFTER EVERY LARGE STORM. IT IS RECOMMENDED THAT A BOOK BE MAINTAINED INDICATING THE RATE AT WHICH THE FACILITY DRAINS AFTER LARGE STORMS AND THE DEPTH OF THE WELL FOR EACH OBSERVATION. ONCE THE PERFORMANCE CHARACTERISTICS OF THE STRUCTURE HAVE BEEN VERIFIED, THE MONITORING SCHEDULE CAN BE REDUCED TO AN ANNUAL BASIS, UNLESS THE PERFORMANCE DATA INDICATE THAT A MORE FREQUENT SCHEDULE IS REQUIRED.

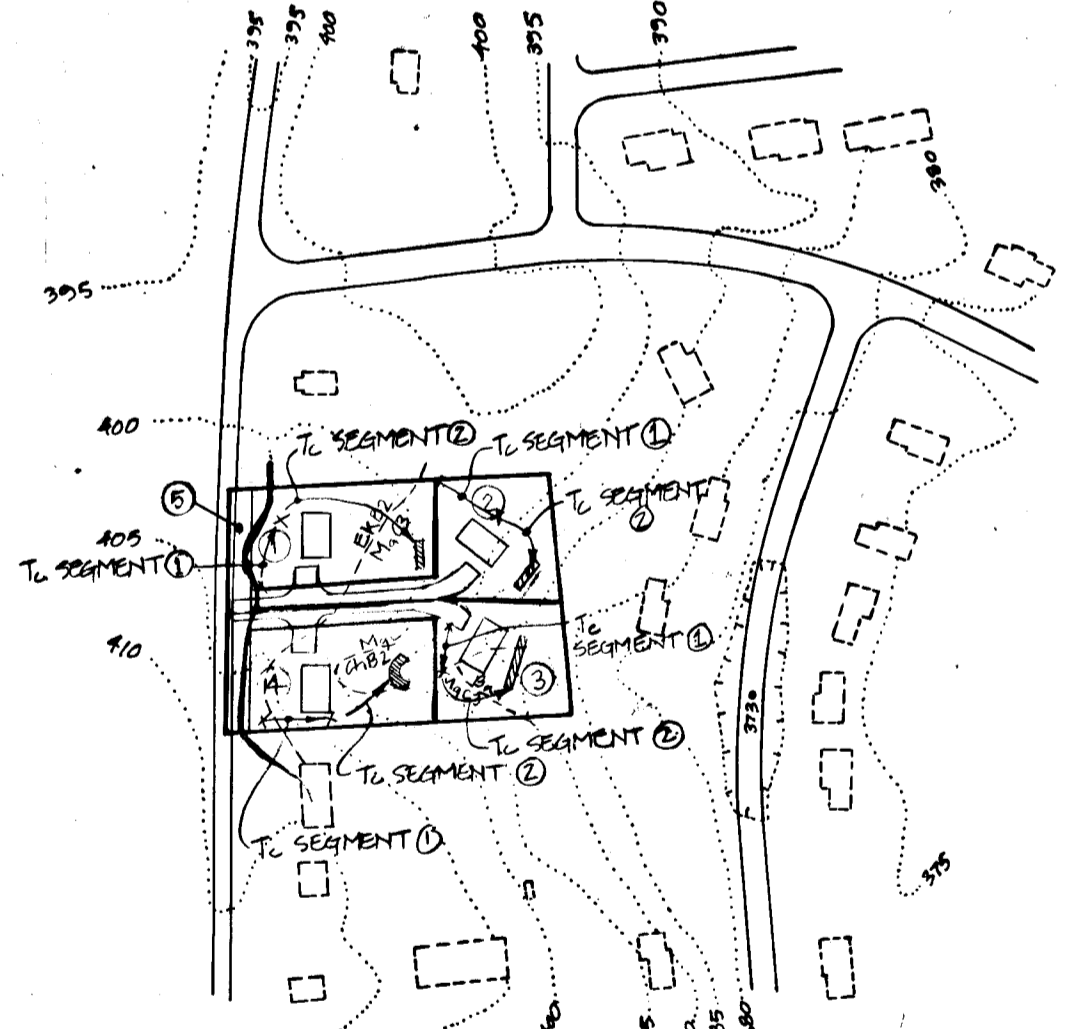
SEDIMENT BUILD-UP IN THE TOP FOOT OF STONE AGGREGATE OR THE SURFACE INLET SHOULD BE MONITORED ON THE SAME SCHEDULE AS THE OBSERVATION WELL. A MONITORING WELL IN THE TOP FOOT OF STONE AGGREGATE WILL BE REQUIRED WHEN THE TRENCH HAS A STONE SURFACE. SEDIMENT DEPOSITED SHALL NOT BE ALLOWED TO BUILD UP TO THE POINT WHERE IT WILL REDUCE THE RATE OF INFILTRATION INTO THE TRENCH.



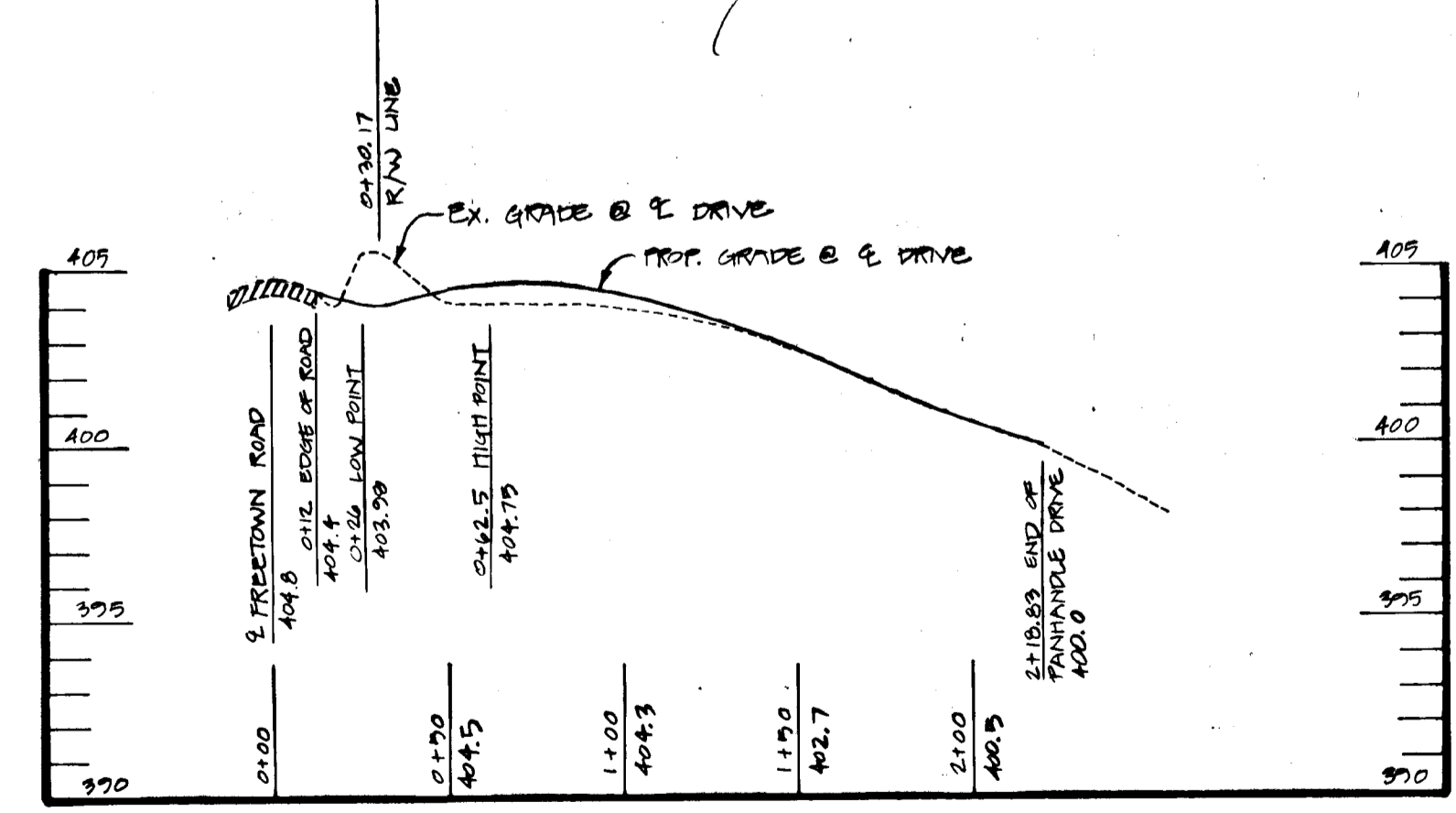
VICINITY MAP
SCALE: 1" = 1200'



PRE-DEVELOPMENT DRAINAGE AREA MAP
SCALE: 1" = 200'



POST-DEVELOPMENT DRAINAGE AREA MAP
SCALE: 1" = 200'



PANHANDLE DRIVE PROFILE
SCALE: HORIZ. 1" = 50'
VERT. 1" = 5'

DEVELOPER'S CERTIFICATE
"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 ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."

APPROVED: DEPT. OF PUBLIC WORKS. *Paul J. Sporn* 12/5/88
APPROVED: DEPT. OF PUBLIC WORKS. *Rawville W. Heiland* 12/14/88
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING. *Mark J. D'Angelo* 12-9-88
APPROVED: DEPARTMENT OF PUBLIC WORKS. *James R. Ryan* 12-9-88

SHANABERGER + LANE
8726 TOWN & COUNTRY BLVD.
SUITE 203
ELICOTT CITY, MARYLAND 21043
(301) 461-9763

DESIGNED	DRAWN	CHECKED	DATE	BY	NO.	REVISION	DATE
4/88	SLM	ELS					

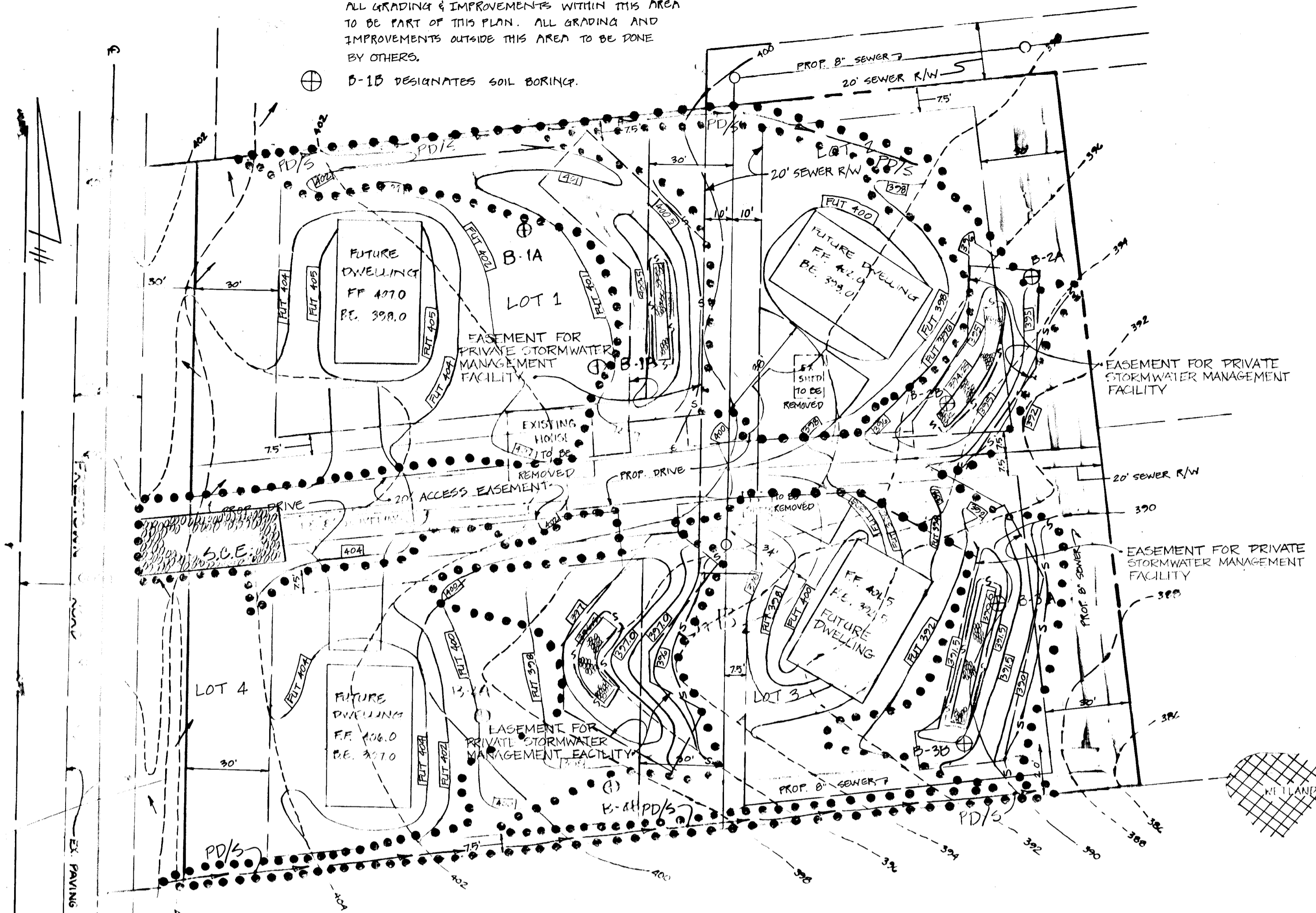
OWNERS:
CALVIN & GENEVIEVE KELLY
4257 FREETOWN ROAD
COLUMBIA, MD 21044

DEVELOPER:
STORMWATER MANAGEMENT PLAN
KELLY PROPERTY
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
TAX MAP 35, PARCEL 136

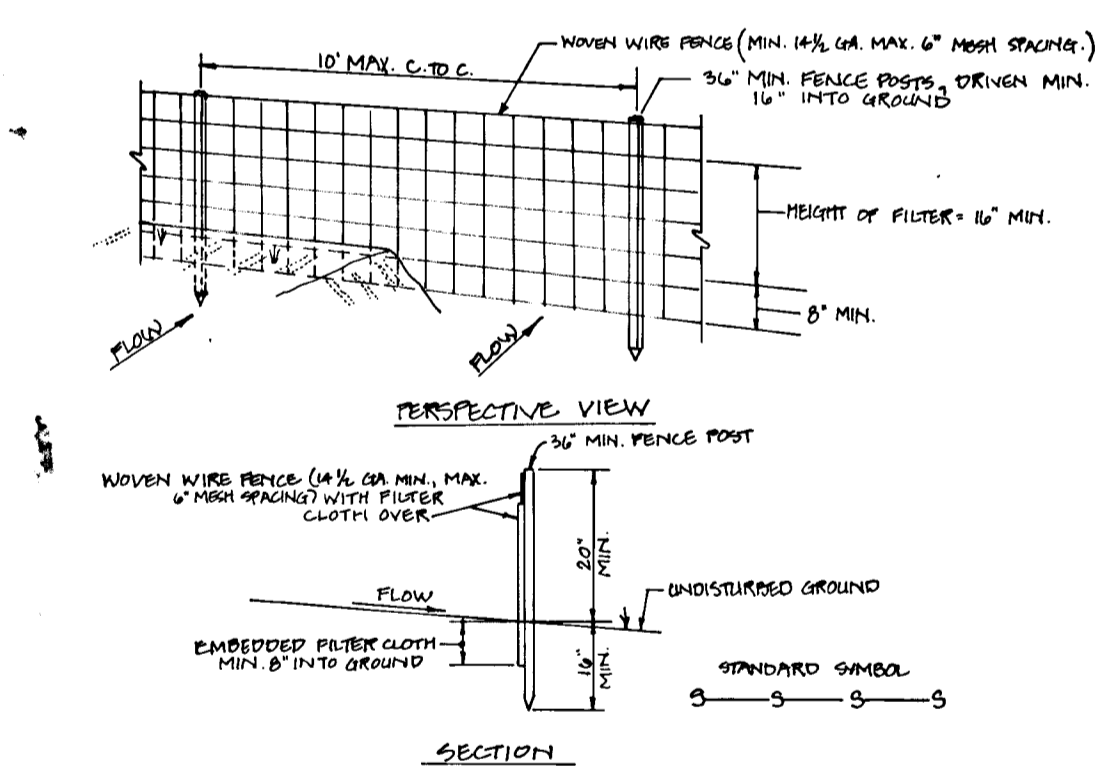
SCALE: AS SHOWN
SHEET 1 OF 2
F-88-249

597

●●● DESIGNATES LIMIT OF DISTURBANCE.
ALL GRADING & IMPROVEMENTS WITHIN THIS AREA TO BE PART OF THIS PLAN. ALL GRADING AND IMPROVEMENTS OUTSIDE THIS AREA TO BE DONE BY OTHERS.
B-15 DESIGNATES SOIL BORING.

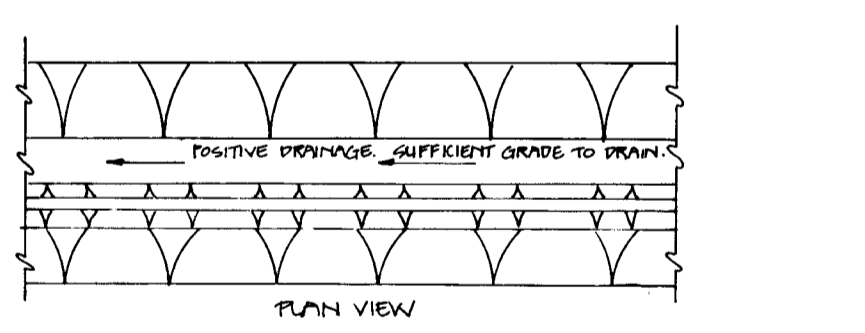
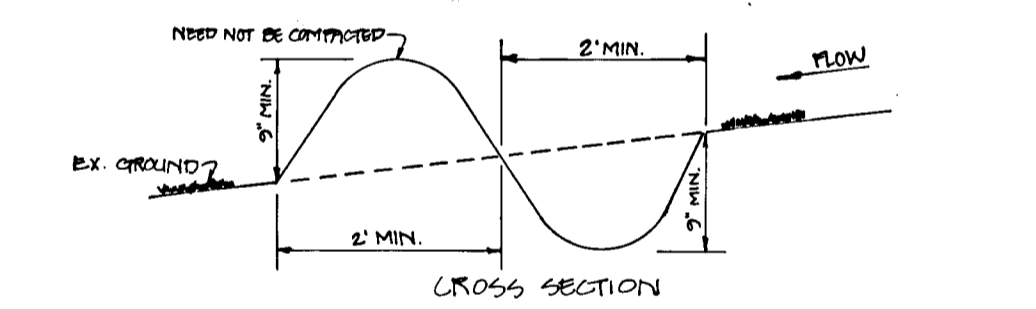


PLAN VIEW
SCALE: 1" = 30'



CONSTRUCTION NOTES FOR PAD SILT FENCE

1. WOVEN WIRE FENCE TO BE SPANNED SQUARELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE SPANNED SQUARELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 48\"/>



CONSTRUCTION SPECIFICATIONS

1. STONE STEP - USE 2\"/>

PERIMETER DIKE/SWALE
NOT TO SCALE

STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE

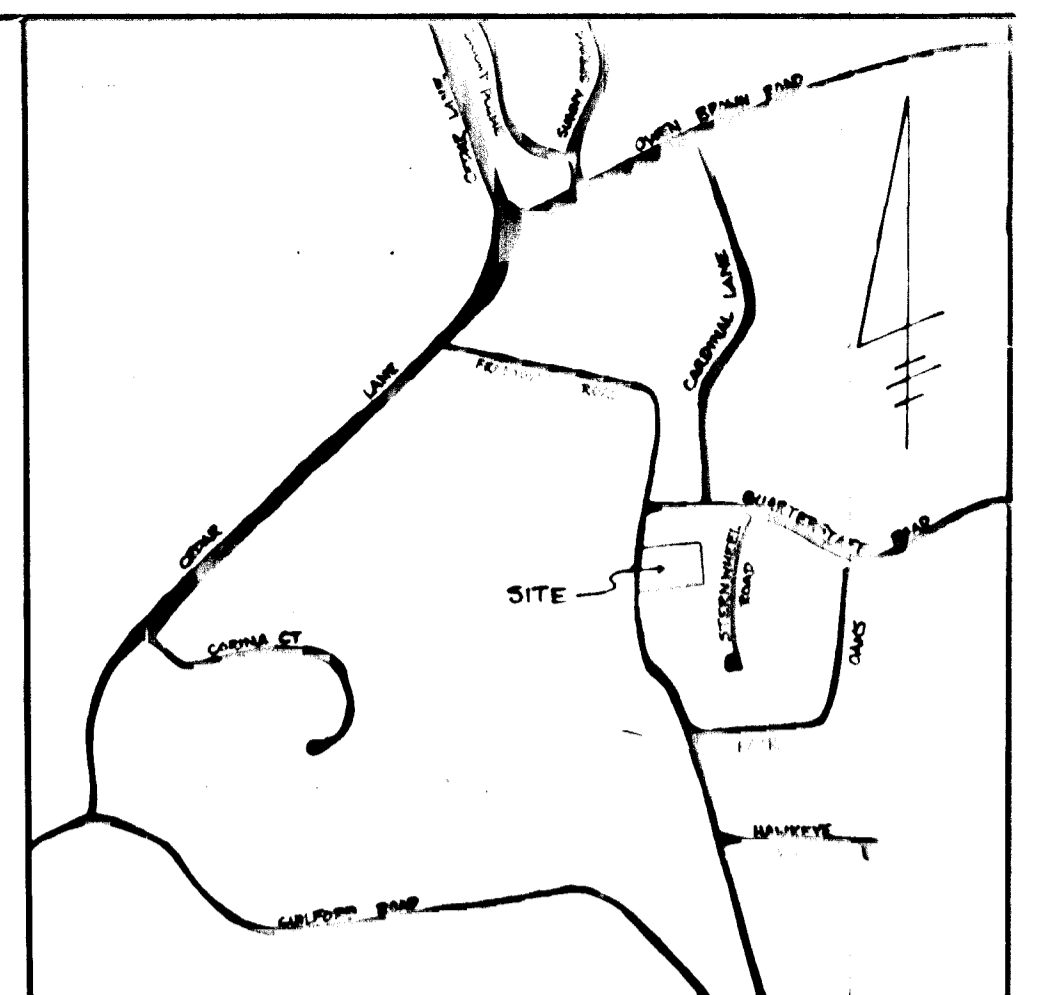
PERMANENT SEEDING NOTES

SEEDBED PREPARATION: LOOSEN UPPER 3 INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.
SOIL AMENDMENTS: USE ONE OF THE FOLLOWING SCHEDULES:
1) PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LB./1000 SQ. FT.) AND 400 LB. PER ACRE 10-10-10 FERTILIZER (14 LB./1000 SQ. FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LB. PER ACRE 30-0-0 UREA-FORM FERTILIZER (51 LB./1000 SQ. FT.).
2) ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LB./1000 SQ. FT.) AND 1000 LB. PER ACRE 10-10-10 FERTILIZER (23 LB./1000 SQ. FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL.
SEEDING: FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 10 LB. PER ACRE (1.4 LB./1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 10 LB. KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LB. PER ACRE (.05 LB./1000 SQ. FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 31, PROTECT SITE BY: OPTION (1) 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE 500 GALLON (3) SEED WITH 10 LB./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW.
MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LB./1000 SQ. FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL 210 GALLONS PER ACRE (9 GAL./1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 5 FT OR HIGHER, USE 340 GALLONS PER ACRE (8 GAL./1000 SQ. FT.) FOR ANCHORING.
MAINTENANCE: INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, DISCING OR OTHER RESEEDINGS.

PERMANENT SEEDING

ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:
SEEDBED PREPARATION: LOOSEN UPPER 3 INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.
SOIL AMENDMENTS: APPLY 2 TONS/ACRE DOLOMITIC LIMESTONE AND 600 LB./ACRE 0-20-0 FERTILIZER. HARROW OR DISC MULCH AND FERTILIZER INTO UPPER THREE INCHES OF SOIL. AT THE TIME OF SEEDING, APPLY 400 LB./ACRE OF 30-0-0 UREA-FORM FERTILIZER AND 500 LB./ACRE OF 10-20-20 FERTILIZER.
TEMPORARY SEEDING NOTES

SEEDBED PREPARATION: LOOSEN UPPER 3 INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
SOIL AMENDMENTS: APPLY 600 LB. PER ACRE 10-10-10 FERTILIZER (14 LB./1000 SQ. FT.)
SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 15 THRU NOVEMBER 15, SEED WITH 2 1/2 BU. PER ACRE OF ANNUAL RYE (3.2 LB./1000 SQ. FT.). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 2 LB. PER ACRE OF WEEPING LOVEGRASS (.07 LB./1000 SQ. FT.). FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE 500.
MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LB./1000 SQ. FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 210 GAL PER ACRE (9 GAL./1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 5 FT OR HIGHER, USE 340 GAL. PER ACRE (8 GAL./1000 SQ. FT.) FOR ANCHORING.



VICINITY MAP
SCALE: 1\"/>

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. (202-2437)
2. ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
3. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: A) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1; B) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
4. ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
5. ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDINGS (SEC. 51) 500 (SEC. 54), TEMPORARY SEEDING (SEC. 50) AND MULCHING (SEC. 52). TEMPORARY STABILIZATION ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
6. 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.
7. SITE ANALYSIS:
 - TOTAL AREA OF SITE: 1.86 ACRES
 - AREA DISTURBED: 0.63 ACRES
 - AREA TO BE ROOFED OR PAVED: 0.12 ACRES
 - AREA TO BE VEGETATIVELY STABILIZED: 0.51 ACRES
 - TOTAL CUT: 210 CU. YARDS
 - TOTAL FILL: 210 CU. YARDS
 - OPPOSITE WASTE/BORROW AREA LOCATION: N/A
8. ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
2. ADDITIONAL SEDIMENT CONTROL MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY DPW SEDIMENT CONTROL INSPECTOR.
10. ON ALL SITES WITH DISTURBANCE AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER SEDIMENT AND SEDIMENT CONTROL, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.
11. IF HOUSES ARE TO BE CONSTRUCTED ON AN "AS-SOLD" BASIS, AT RANDOM, SINGLE LOT SEDIMENT CONTROL AS SHOWN BELOW SHALL BE IMPLEMENTED.
12. ALL PIPES TO BE BACKED AT THE END OF EACH DAY.
13. THE TOTAL AMOUNT OF STRAW BALE DIKES/SILT FENCE EQUALS 900 L.F.

SEQUENCE OF CONSTRUCTION

1. OBTAIN GRADING PERMIT.
2. NOTIFY HOWARD S.O.D. AT LEAST 48 HOURS BEFORE STARTING WORK. 202-2437
3. CLEAR SOIL SEDIMENT CONTROL MEASURES & INSTALL.
4. CLEAR REMAINING AREA WITHIN "LIMIT OF DISTURBANCE"
5. INSTALL TRENCHES. INSTALL SILT FENCE AROUND TRENCHES.
6. CONSTRUCT PANHANDLE DRIVE FOR LOTS 1 THRU 4.
7. STABILIZE ALL DISTURBED AREAS.
8. OBTAIN PERMISSION FROM SEDIMENT CONTROL INSPECTOR FOR REMOVAL OF SEDIMENT CONTROL DEVICES, AND REMOVE.
9. SEDIMENT CONTROL DURING HOUSE CONSTRUCTION TO BE PROVIDED ON AN INDIVIDUAL LOT BASIS.

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. 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.
Edwin J. Smith Nov 10, 1988

DEVELOPER'S CERTIFICATE
"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 ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."
William O. [Signature] 5/9/88

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL. <i>[Signature]</i> 11-29-88 SOIL CONSERVATION SERVICE DISTRICT	THESE PLANS FOR SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT. <i>[Signature]</i> 11/29/88 HOWARD SOIL CONSERVATION DISTRICT	APPROVED: DEPT. OF PUBLIC WORKS. <i>[Signature]</i> 12/18/88 CHIEF, BUREAU OF HIGHWAYS
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING. <i>[Signature]</i> 12-29-88 CHIEF, DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT	APPROVED: DEPARTMENT OF PUBLIC WORKS <i>[Signature]</i> 12-9-88 CHIEF, LAND DEVELOPMENT DIVISION	APPROVED: DEPT. OF PUBLIC WORKS. <i>[Signature]</i> 12/15/88 CHIEF, LAND DEVELOPMENT DIVISION

SHONBERGER & LANE
8726 TOWN COUNTRY BLVD.
SUITE 203
ELICOTT CITY, MARYLAND 21043
(301) 461-9563

DESIGNED BY: *[Signature]*
DRAWN BY: *[Signature]*
CHECKED BY: *[Signature]*
DATE: _____

OWNERS: CALVIN & GENEVIE KEDDY
6257 FRIETOWN ROAD
COLUMBIA, MD 21044

DEVELOPER: _____

GRADING, EROSION, SEDIMENT CONTROL NOTES AND DETAILS
KELLY PROPERTY
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
TAX MAP 35, PARCEL 136

SCALE: AS SHOWN
SHEET 2 OF 2