

- GENERAL NOTES:**
- TOTAL AREA OF PARCEL: 5.176 AC. ±
 - LIMIT OF SUBMISSION: 0.90 AC. ±
 - PRESENT ZONING: NEW TOWN - OPEN SPACE
 - PROPERTY IS RECORDED IN PLAT BOOK 27, FOLIO 45.
 - FINAL DEVELOPMENT PLAN PHASE 127 A-IV AND RECORDED IN PLAT BOOK MDR 3054A PP 1220-1227
 - PROPERTY IS SHOWN ON TAX MAP 36, PART OF PARCEL 383.
 - PARKING DATA:
 - EXISTING USE: NEIGHBORHOOD CENTER
 - SCOPE OF WORK: BUILDING ADDITION AND PARKING LOT EXPANSION
 - TOTAL AREA OF BUILDING: 19,810 SF (6% COVERAGE)
 - EXISTING BUILDING: 4000 SF
 - EX. POOL: 7050 SF
 - PROPOSED ADDITION: 19810 SF
 - TOTAL NUMBER OF PARKING SPACES REQUIRED (PER FDP CRITERIA): NONE
 - TOTAL NUMBER OF PARKING SPACES PROVIDED: 46 SPACES
 - EXISTING SPACES: 17 TOTAL (0.261 AC. ±)
 - REGULAR SPACES: 25
 - HANDICAPPED SPACES: 1
 - SPACES LOST TO PARKING LOT EXPANSION: 9
 - PROPOSED SPACES: 29 TOTAL (0.100 AC. ±)
 - REGULAR SPACES (9'x18'): 27
 - HANDICAPPED SPACES (13'x18'): 2
 - TOTAL NUMBER OF SPACES PROVIDED:
 - REGULAR (9'x18'): 44
 - HANDICAPPED (13'x18'): 2
 - THE CONTRACTOR SHALL NOTIFY THE HOWARD COUNTY CONSTRUCTION INSPECTION/SURVEY DIVISION 24 HOURS PRIOR TO COMMENCEMENT OF WORK AT 792-2722.
 - HANDICAPPED FACILITIES TO BE CONSTRUCTED IN ACCORDANCE WITH THE "DESIGN OF BARRIER FREE FACILITIES" AND THE "MARYLAND BUILDING CODE FOR THE HANDICAPPED AND AGED".
 - ALL PAVING AND STORM DRAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
 - EXISTING UTILITIES SHOWN HEREON HAVE BEEN LOCATED FROM FIELD AND OFFICE INFORMATION. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF EXISTING UTILITIES TO HIS OWN SATISFACTION BEFORE MAKING ANY CONNECTION THERETO OR EXCAVATING IN THE AREA THEREOF.
 - THE CONTRACTOR SHALL NOTIFY MISS UTILITY 559-0100 A MINIMUM OF THREE DAYS PRIOR TO BEGINNING ANY CONSTRUCTION SHOWN HEREON.
 - SEE ARCHITECTURAL DRAWINGS FOR BUILDING DIMENSIONS.

PERGOLA BLOW-UP
SCALE: 1"=10'

PERGOLA SECTION

BUILDING PROFILE
NOT TO SCALE

LOT NO.	STREET ADDRESS
G4	6000 CRADLEROCK WAY

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE: 11-26-86
M/JMM

STATE OF MARYLAND
NOTARY PUBLIC
Charles W. Fisch
10/7/2018
FOR REV. #9 ONLY

NO.	DESCRIPTION	DATE
9	FSH ADDED 2 SHADE STRUCTURES.	12/7/18
8	PLH Added Spa	1/8/90
7	RJW Added 809F Outside Storage Room	1-27-03
6	RJW Added 288F Conc. Pad w/ Talls and Pergola	9-27-11
5	RJW Relocated Patio and Pergola	6-28-12
4	RJW Revised Patio & Pergola sizes 450 SF	4-9-13
3	LD BY REVISION	DATE
2	LD BY BITUMINOUS CURBS & GUTTER	10/1/89
1	DAN ENCLOSE EX. CONC. PATIO	2/11/87

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERS & LAND SURVEYORS
8388 COURT AVENUE
ELLICOTT CITY, MARYLAND 21043
(301) 461-2855

ENGINEER'S CERTIFICATE
I HEREBY 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: *Charles W. Fisch*
DATE: 10/1/86

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Signature: *Jacqueline A. Dewey*
DATE: 9-30-86

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

Signature: *James M. Hinkle* 12-23-86
U.S. SOIL CONSERVATION SERVICE DATE

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

Signature: *Stephen P. Hahn* 12/23/86
DISTRICT HOWARD SOIL CONSERVATION DISTRICT DATE

APPROVED: OFFICE OF PLANNING AND ZONING

Signature: *John W. Muschman* 1-9-87
PLANNING DIRECTOR DATE

Signature: *John W. Muschman* 1-8-87
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

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

Signature: *Joyce Boyd* 1-7-87
HEALTH OFFICER DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.

Signature: *William J. Ryan* 11-23-86
DIRECTOR, PUBLIC WORKS DATE

Signature: *William J. Ryan* 11-23-86
CHIEF, BUREAU OF ENGINEERING DATE

SUBDIVISION	SECTION/AREA	LOT
VILLAGE OF OWEN BROWN	SECTION 1/7C	G4

PLAT NO.	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
FBCT #25	210	NT08	2G	G	0001.03

WATER CODE: 1-E10 SEWER CODE: 5410500

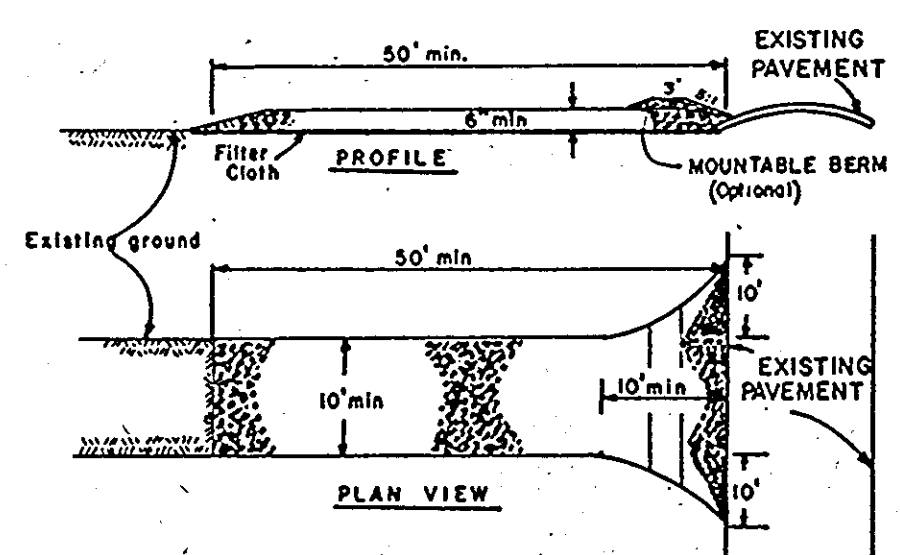
SITE DEVELOPMENT PLAN
Building & Parking Additions to S.D.P. 74-72c COLUMBIA

VILLAGE OF OWEN BROWN
SECTION ONE AREA TWO

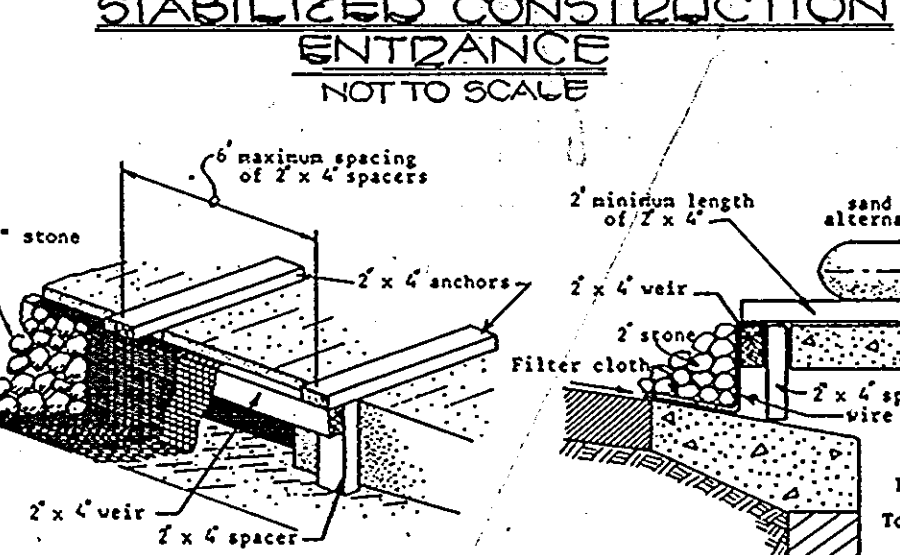
LOT G4

WASHER GREEN NEIGHBORHOOD CENTER
NEW BUILDING ADDITION AND PARKING LOT EXPANSION

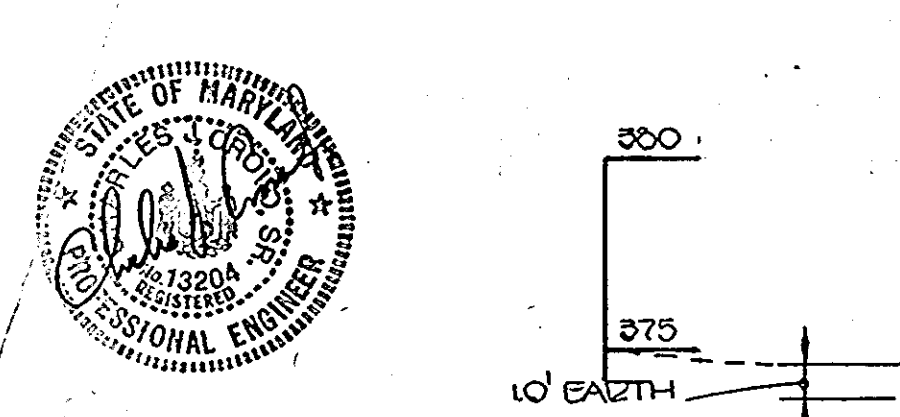
TAX MAP 36 HOWARD CO. MD
SCALE AS SHOWN SEPTEMBER 28, 2006
SHEET 1 OF 3



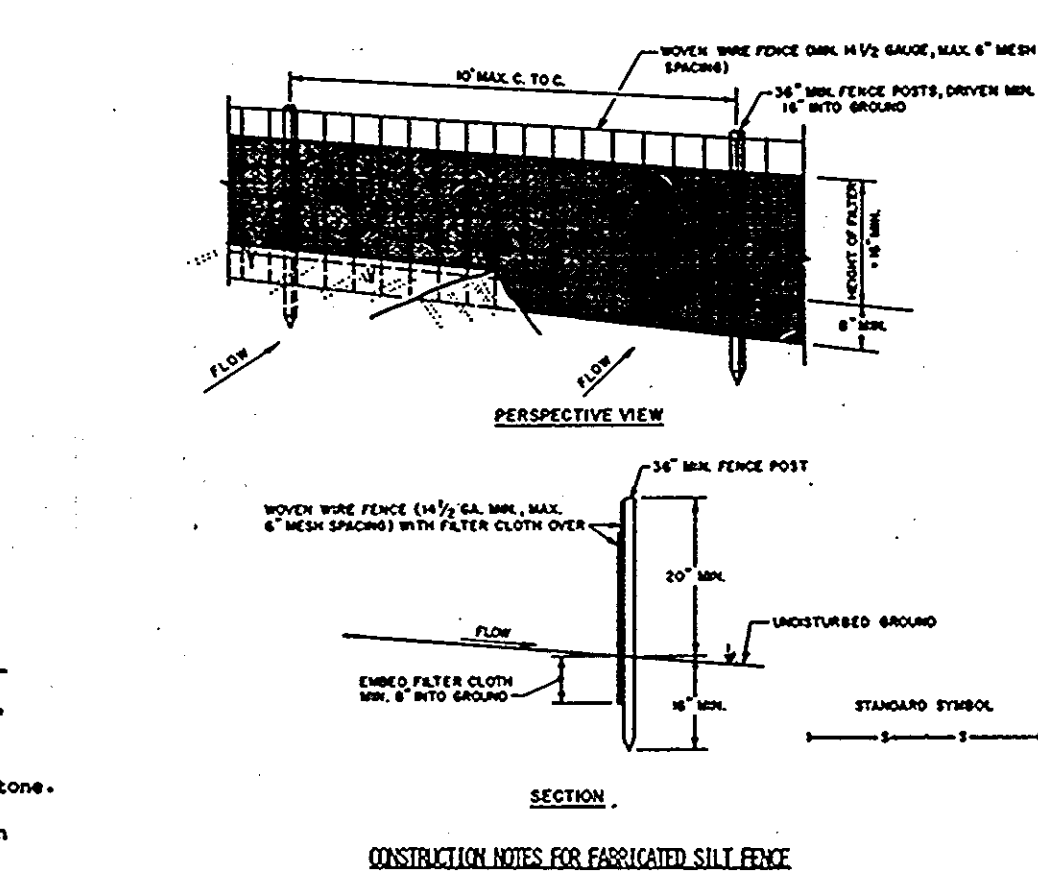
- CONSTRUCTION SPECIFICATIONS**
- Stone Size - Use 2" stone, or recycled or recycled concrete equivalent.
 - Length - As required, but not less than 50 feet except on a slope less than 10% where a 30 foot minimum length would apply.
 - Thickness - Not less than six (6) inches.
 - Width - Ten (10) feet 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 or flowing of sediment onto public right-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 applied, dropped, washed or tracked onto public right-of-way must be removed immediately.
 - Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public right-of-way. When washing is required, it shall be done on an area established with stone and which drains into an approved sediment trapping device.
 - Periodic inspection and needed maintenance shall be provided after each rain.



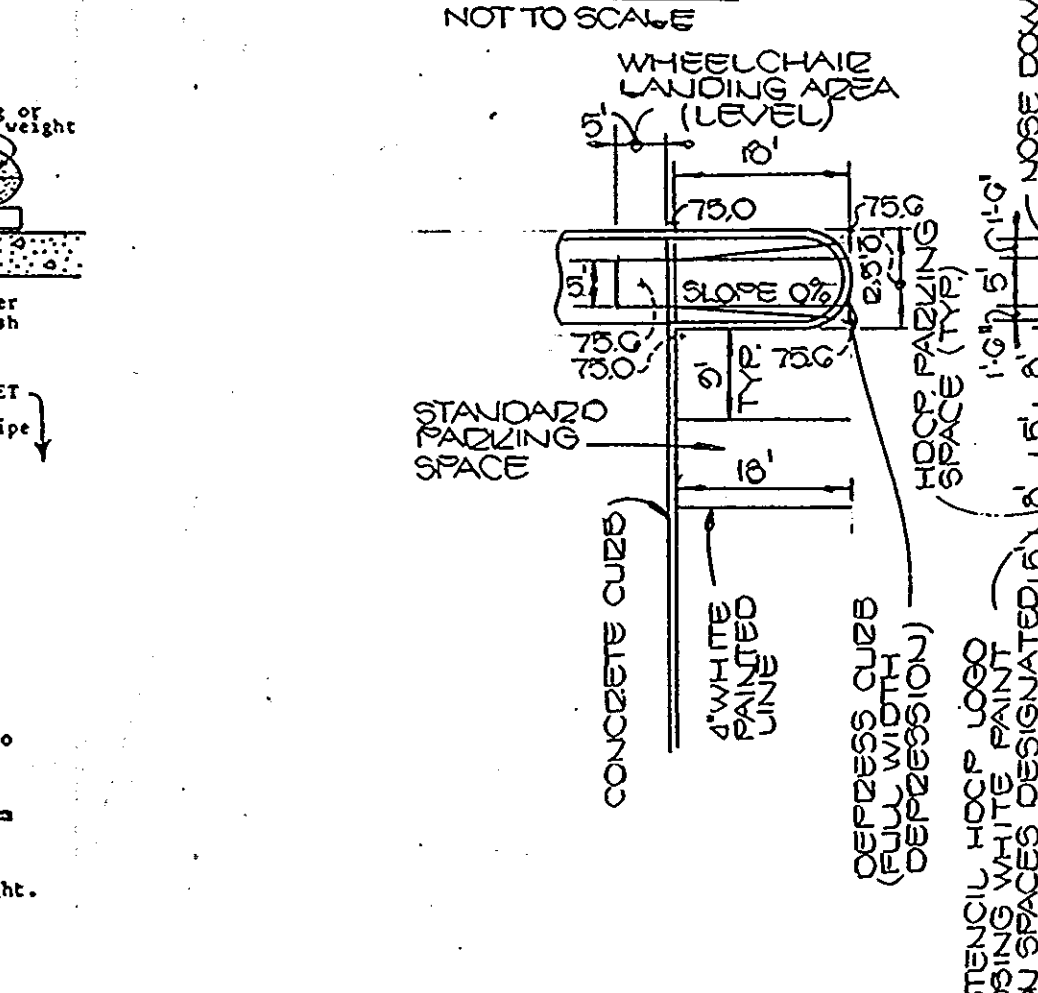
- STABILIZED CONSTRUCTION ENTRANCE**
NOT TO SCALE
- Attach a continuous piece of wire mesh (30" min. width by throat length plus 4") to the 2" x 4" weir (measuring throat length plus 4") as shown on the standard drawing.
 - Place a piece of approved filter cloth (40-55 sieve) of the same dimensions as the wire mesh over the wire mesh and securely attach to the 2" x 4" weir.
 - Securely nail the 2" x 4" weir to 9" long vertical spacers to be located between the weir and inlet face (max. 6' apart).
 - Place the assembly against the inlet throat and nail (minimum 2" lengths of 2" x 4" to the top of the weir at spacer locations. These 2" x 4" anchors shall extend across the inlet top and be held in place by sandbags or alternate weight.
 - The assembly shall be placed so that the end spacers are a minimum 1' beyond both ends of the throat opening.
 - Form the wire mesh and filter cloth to the concrete gutter and against the face of curb on both sides of the inlet. Place clean 2" stone over the wire mesh and filter fabric in such a manner as to prevent water from entering the inlet under or around the filter cloth.
 - This type of protection must be inspected frequently and the filter cloth and stone replaced when clogged with sediment.
 - Assure that storm flow does not bypass inlet by installing temporary earth or asphalt dikes directing flow into inlet.



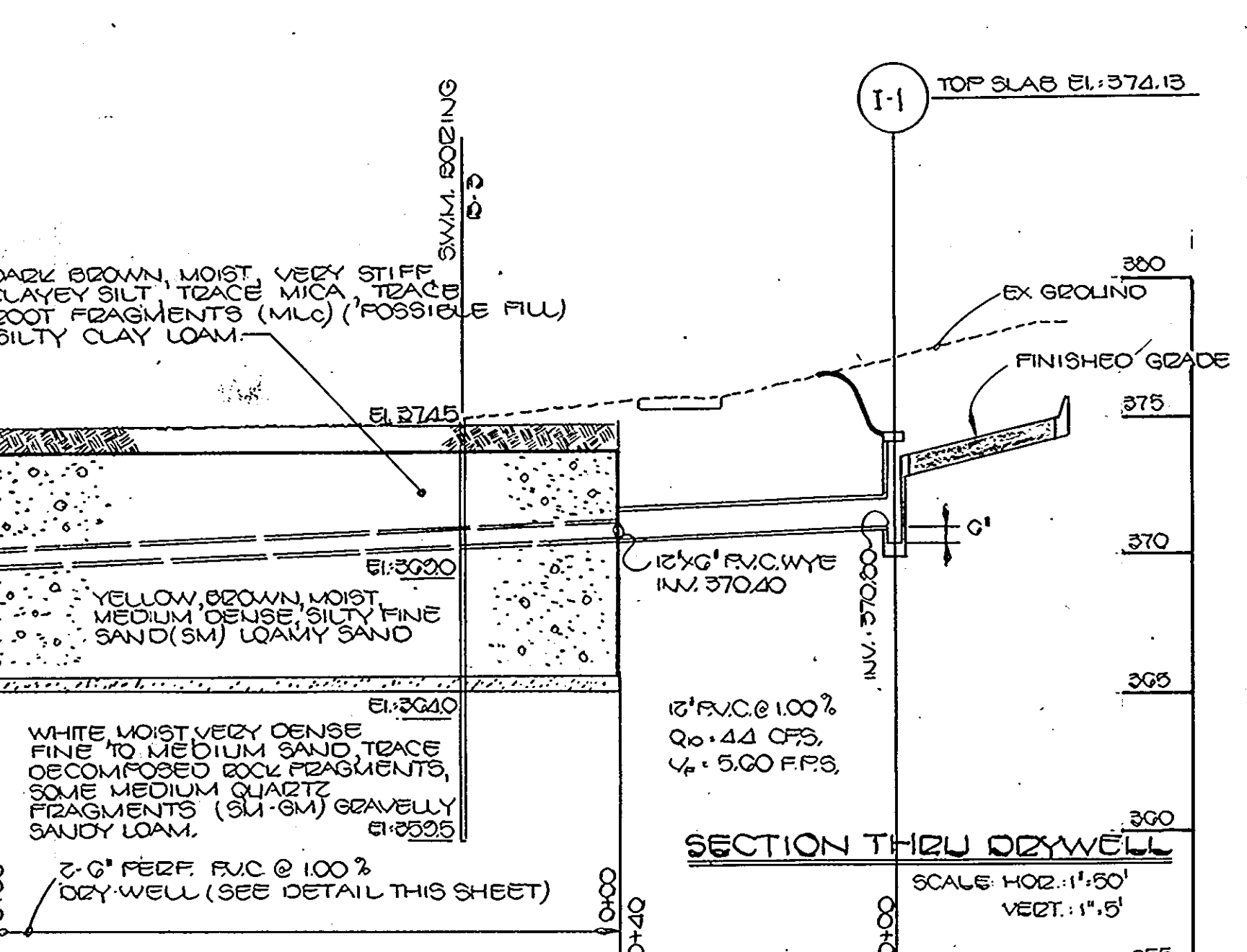
APPROVED PLANNING BOARD OF HOWARD COUNTY
DATE 11-26-86
J.A.H.



- CONSTRUCTION NOTES FOR FABRICATED SILT FENCE**
- WOODEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
 - FILTER CLOTH TO BE FASTENED SECURELY TO WOODEN WIRE FENCE WITH TIES SPACED EVERY 4' AT TOP AND MID SECTION.
 - WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
 - MAINTENANCE SHALL BE PERFORMED AS NEEDED AND INITIAL REMOVAL WHEN BALE DEVELOP IN THE SILT FENCE.

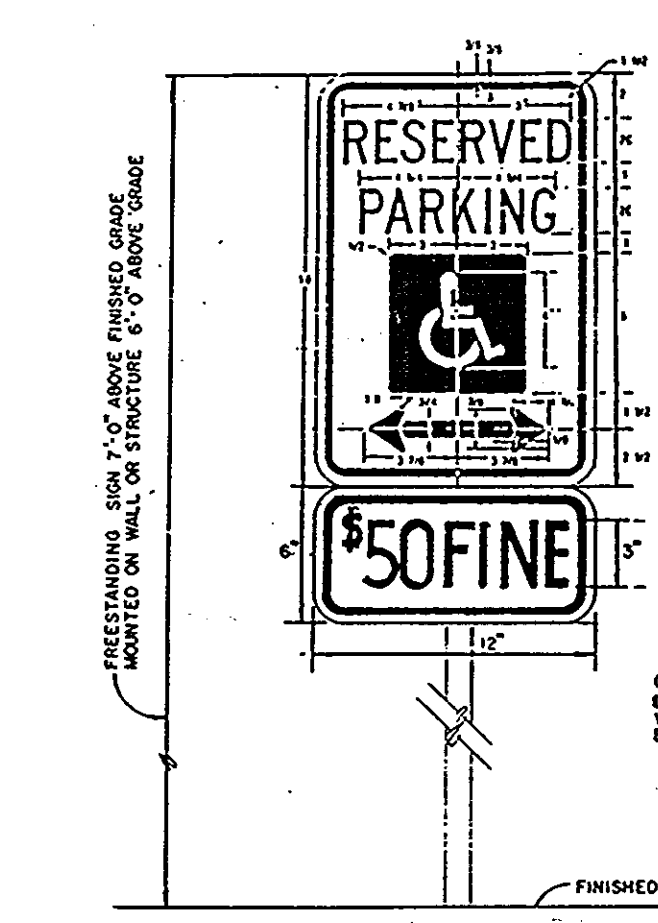


TYPICAL PARKING SPACE AND HANDICAPPED SPACE
NOT TO SCALE

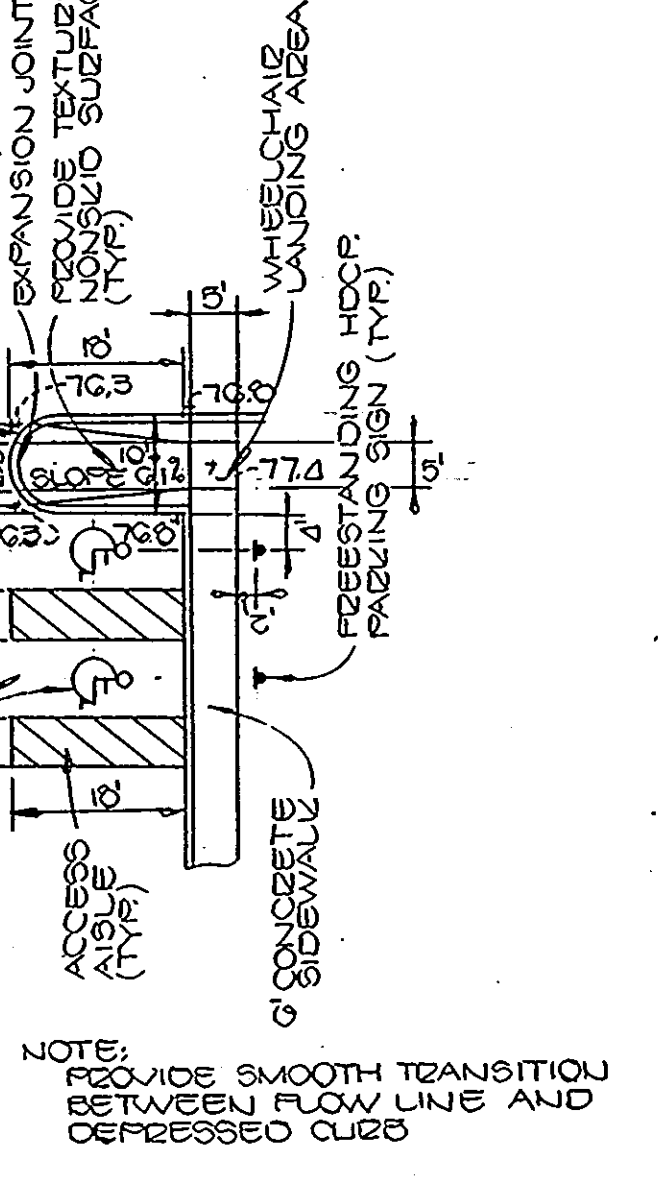


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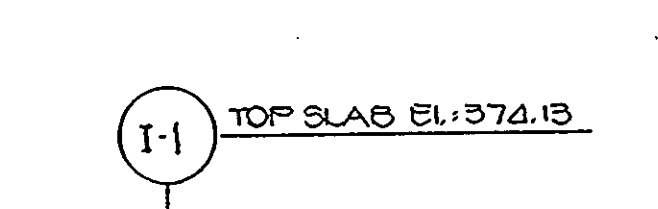
James A. Fisher
10/11/86
SIGNATURE OF ENGINEER DATE



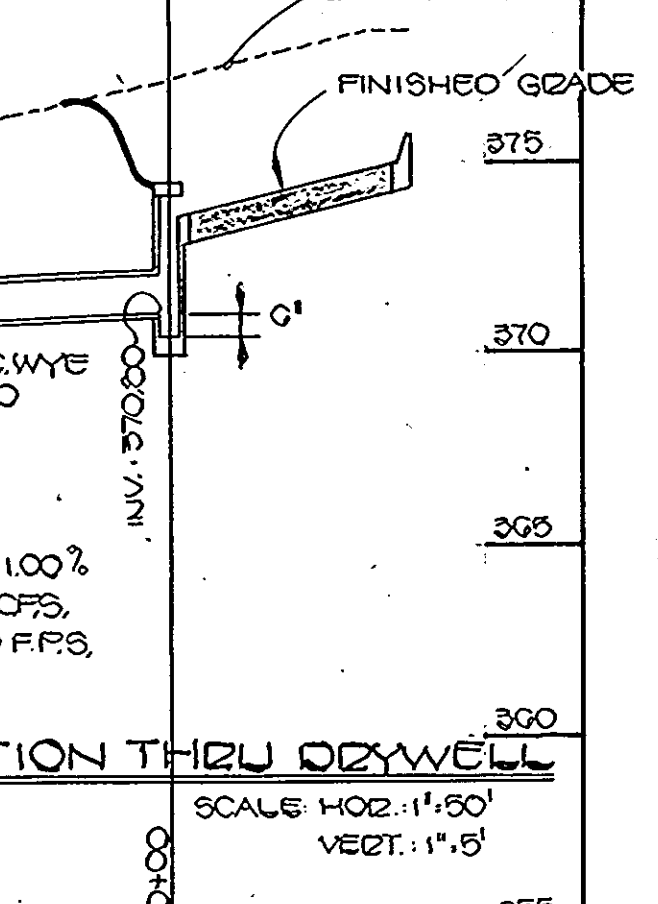
PARKING SIGN FOR HANDICAPPED SPACES
NOT TO SCALE



OBSERVATION WELL DETAIL
NOT TO SCALE

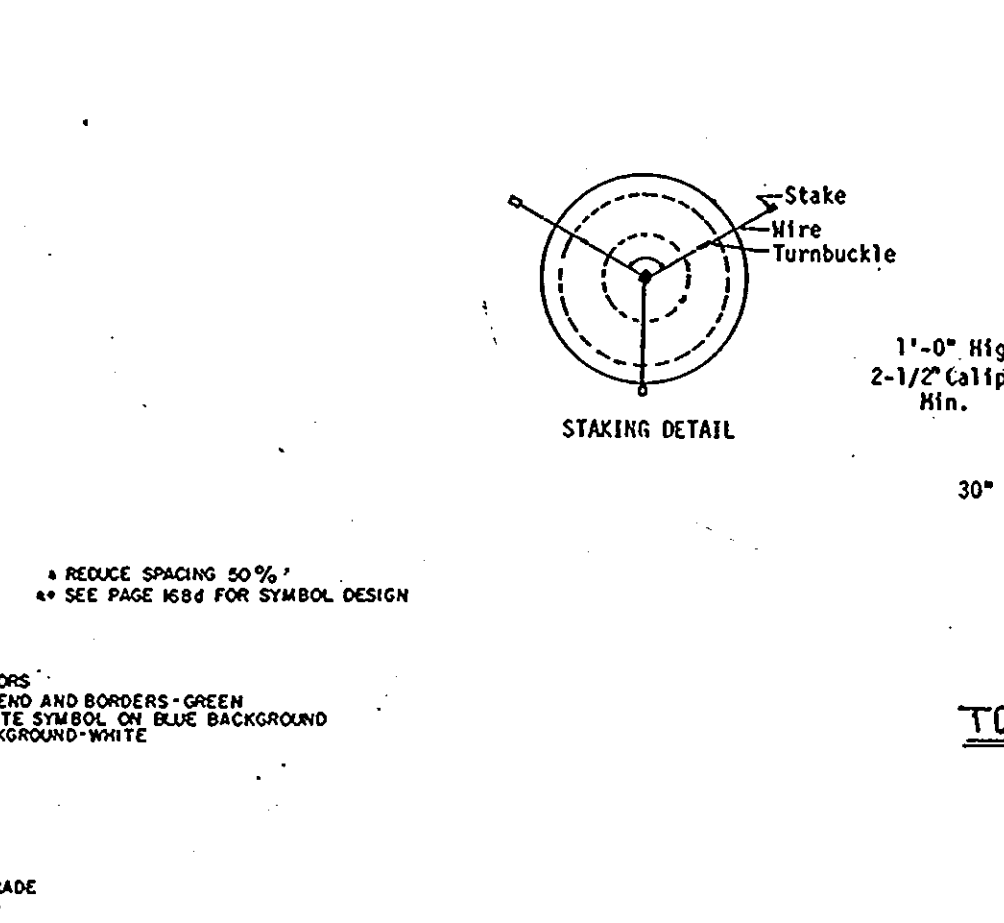


SECTION THRU OZYWELL
NOT TO SCALE



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Jacqueline A. Dewey
9-30-86
SIGNATURE OF DEVELOPER DATE



TREE PLANTING
NOT TO SCALE

CONSTRUCTION SPECIFICATION - OZYWELL

Timing
A dry well shall not be constructed or placed in service until all of the contributing drainage area has been stabilized and approved by the responsible inspector.

Dry Well Preparation
Excavate the dry well to the design dimensions. Excavated materials shall be placed away from the excavated sides to enhance wall stability. Large tree roots shall be trimmed flush with the sides in order to prevent fabric puncturing or tearing during subsequent installation procedures. The side walls of the dry well shall be roughened where sheared and sealed by heavy equipment.

Fabric Laydown
The filter fabric roll shall be cut to the proper width prior to installation. The cut width must include sufficient material to conform to well perimeter irregularities and for a 6-inch minimum top overlap. Place the fabric roll over the well and unroll a sufficient length to allow placement of the fabric down into the well. Stones or other anchoring objects should be placed on the fabric at the edge of the well to keep the lined well open during windy periods. When overlaps are required between rolls, the upstream roll shall lap a minimum of 2 feet over the downstream roll in order to provide a shingled effect. The overlap ensures fabric continuity of the fabric conforms to the excavation surface during aggregate placement and compaction.

Aggregate Placement and Compaction
Drainage aggregate shall be placed in lifts and compacted using plate compactors. As a rule of thumb, a maximum loose lift thickness of 12 inches is recommended. The compaction process ensures fabric conformity to the excavation sides, thereby reducing the potential for soil piping and fabric clogging.

Overlapping and Covering
Following aggregate placement, the fabric previously weighted by stones should be folded over the aggregate to form a 6" minimum longitudinal lap. The desired fill soil should be placed over the lap at sufficient intervals to maintain the lap during subsequent backfilling.

Contamination
Care shall be exercised to prevent natural or fill soils from intermixing with the drainage aggregate. All contaminated aggregate shall be removed and replaced with uncontaminated aggregate.

Voids Behind Fabric
Voids can be created between the fabric and excavation sides and should be avoided. Removing boulders 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 piping, fabric clogging, and possible surface subsidence will be avoided by this remedial process.

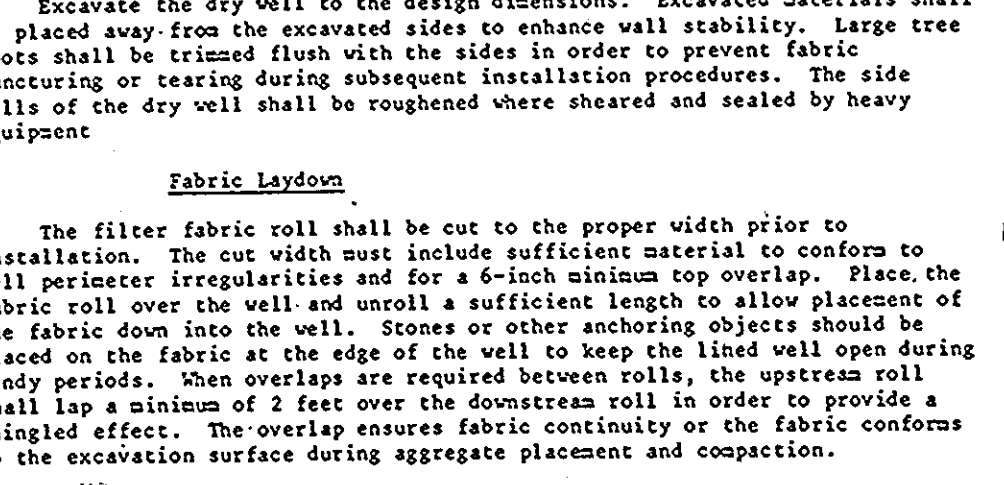
Vertical Excavation Sides
Vertically excavated trench walls may be difficult to maintain in areas where the soil moisture is high or where soft cohesive or cohesionless soils predominate. These conditions may require laying back of the side slopes to maintain stability; trapezoidal rather than rectangular cross sections may result.

Foundation Protection
Dry wells 3 or more feet deep shall be located at least 10 feet down gradient from foundation walls.

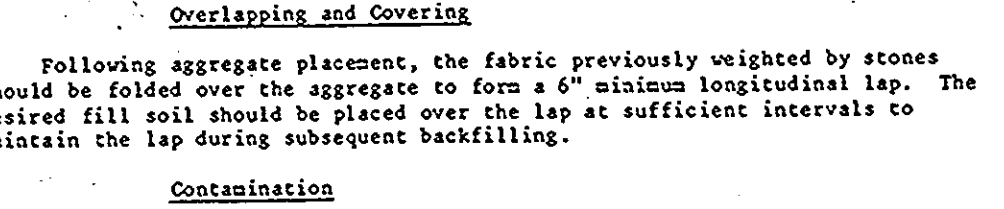
Observation Well
An observation well will be provided. The depth of the well, at the time of installation, will be clearly marked on the well cap.

Maintenance
Dry wells 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.

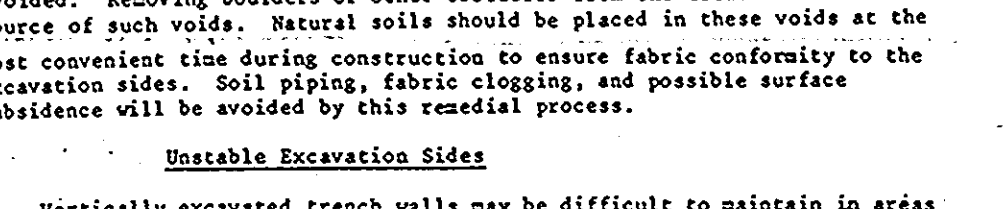
The observation well should be monitored periodically. For the first year after completion of construction, the well should be monitored on a quarterly basis and after every large storm. It is recommended that a log book be maintained indicating the rate at which the facility dewaters after large storms 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.



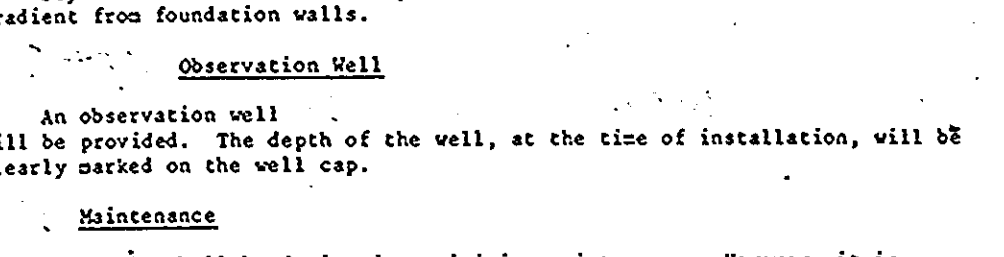
TYPICAL PAVING SECTION
NOT TO SCALE



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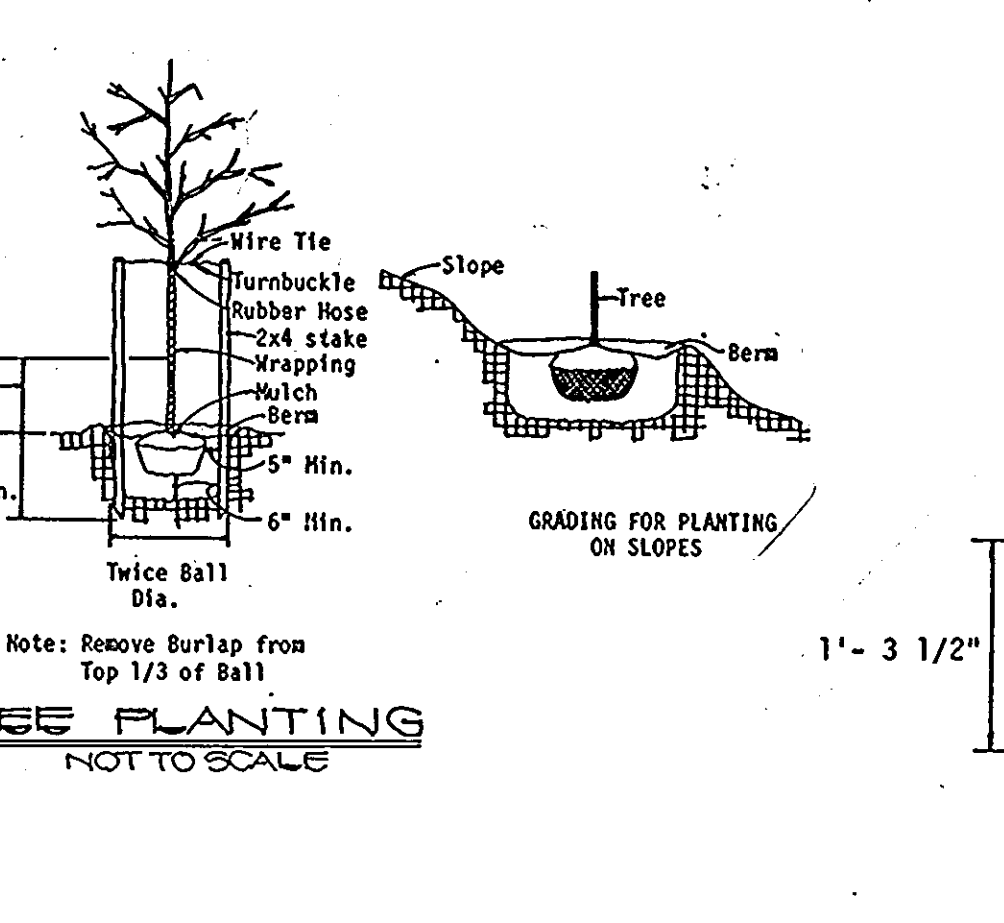


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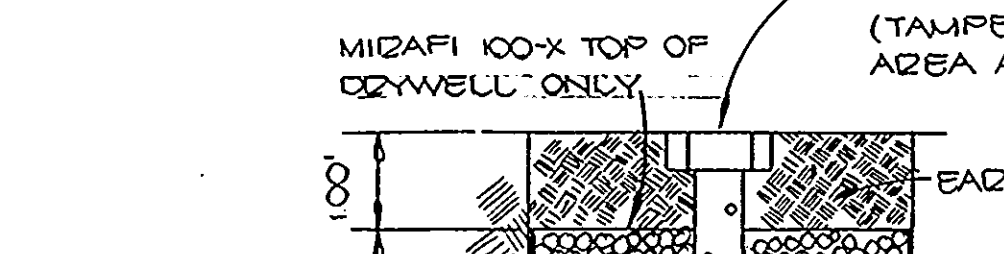


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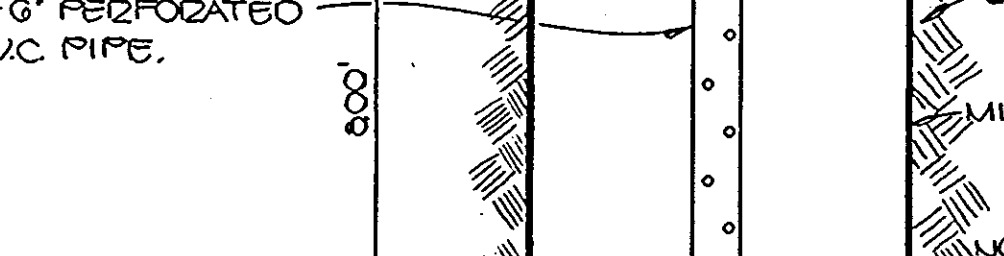
OWNER AND DEVELOPER
COLUMBIA ASSOCIATION
SUITED 400 ONE WOODLAWN NORTH
COLUMBIA, MD. 21045
(301) 730-2313



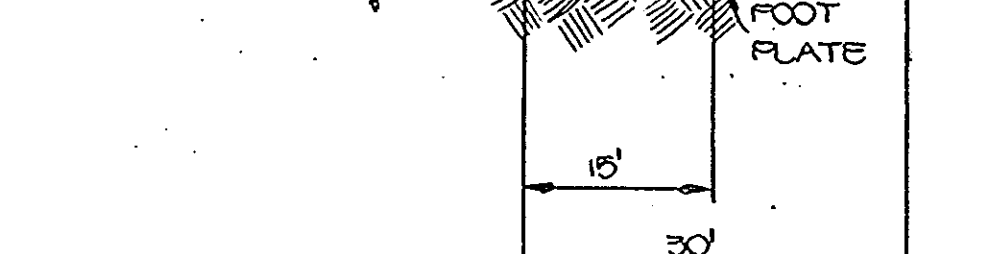
TYPICAL SIDEWALK
NOT TO SCALE



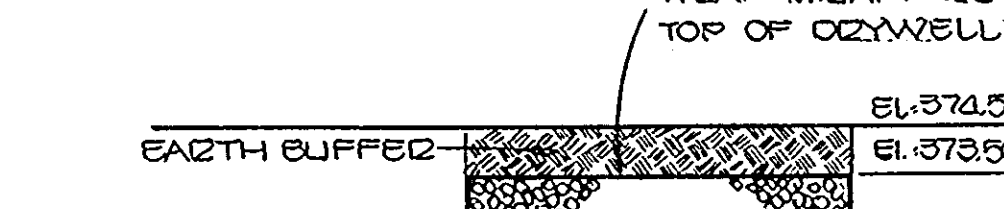
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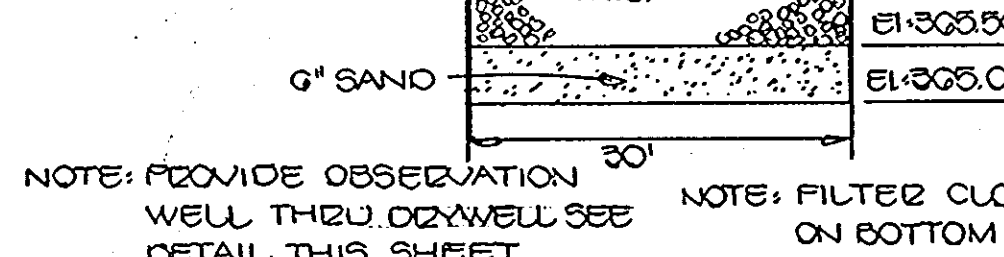
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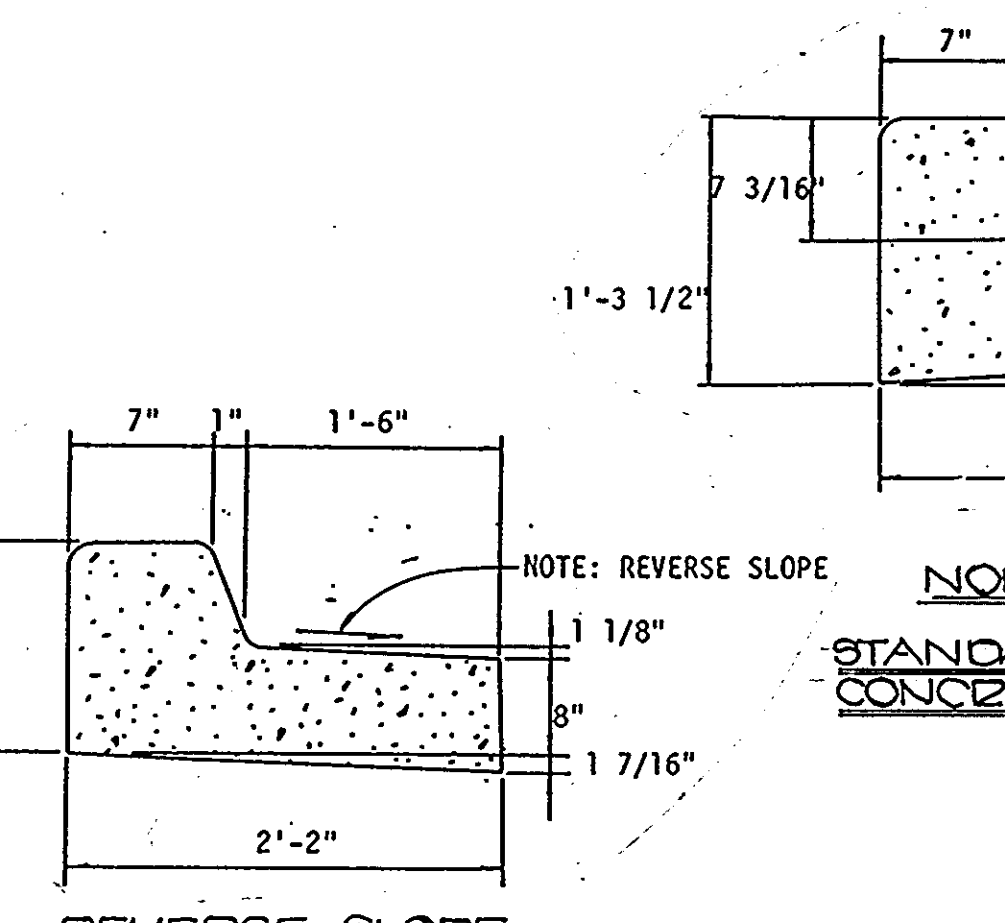


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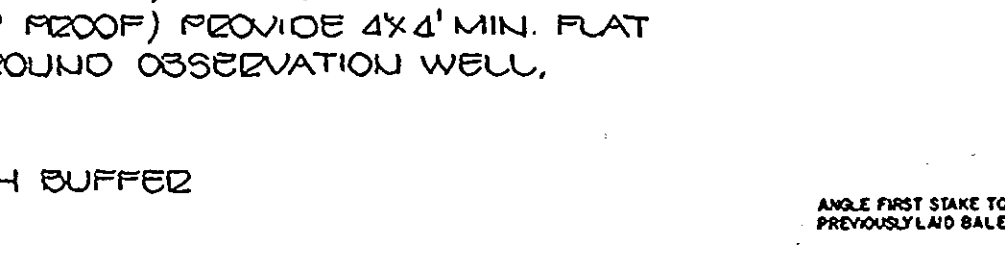


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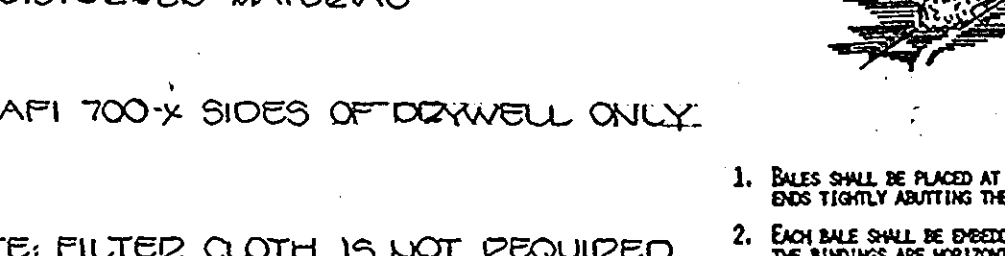
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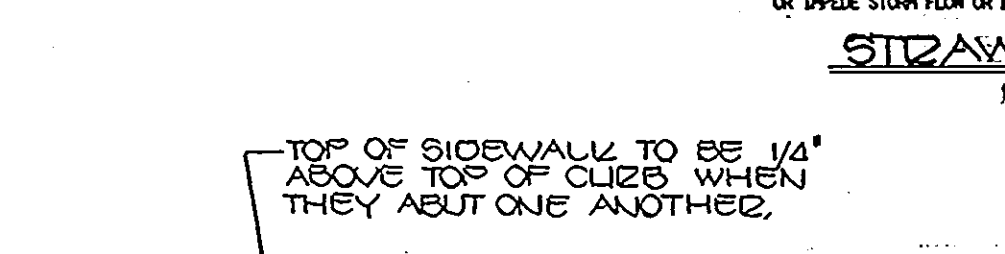
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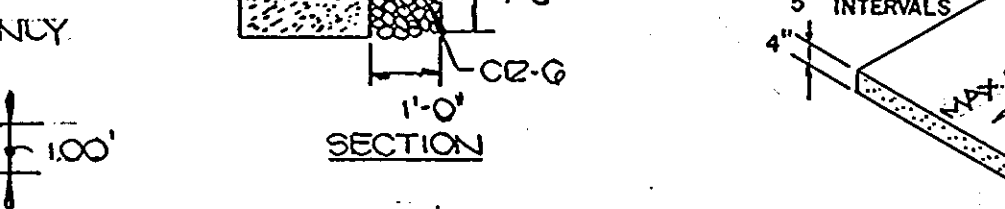
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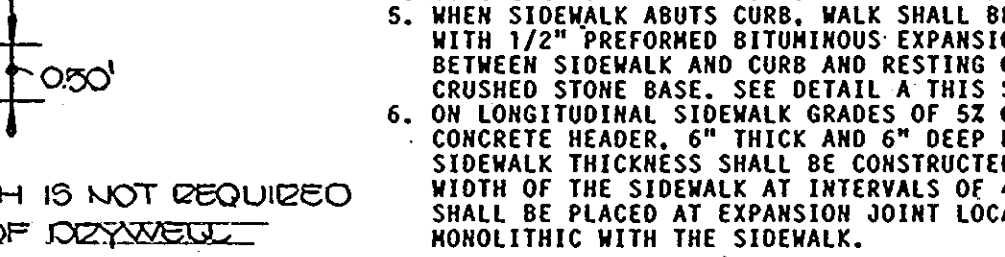
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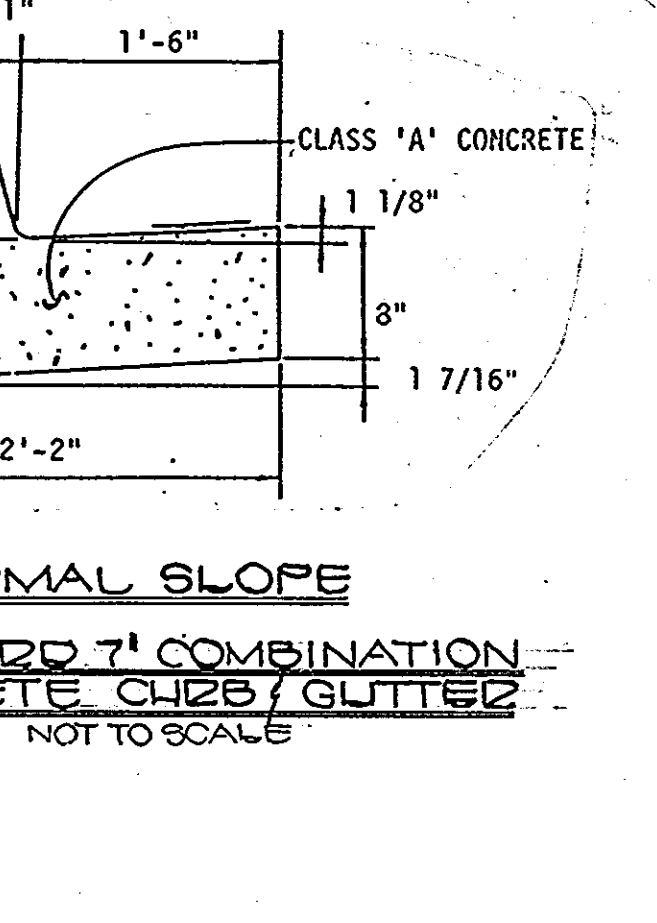


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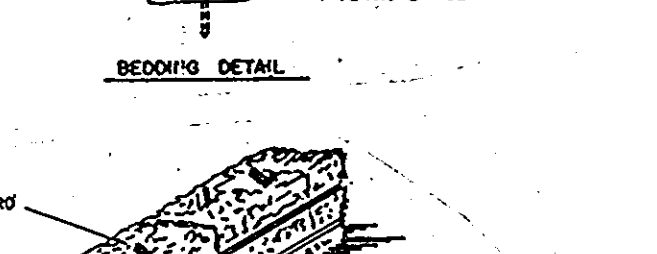


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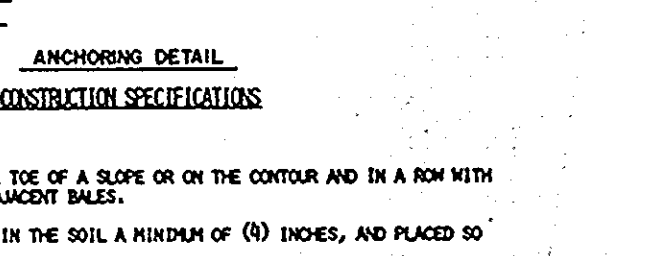
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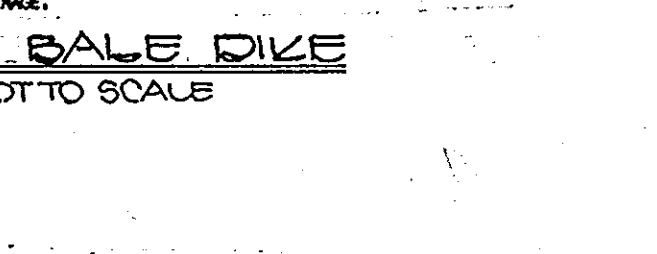
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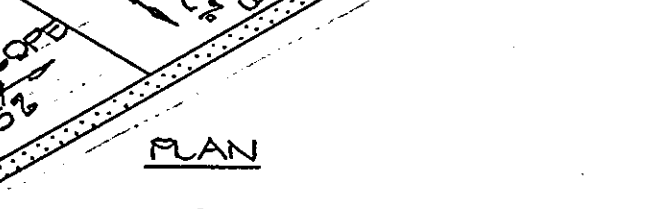
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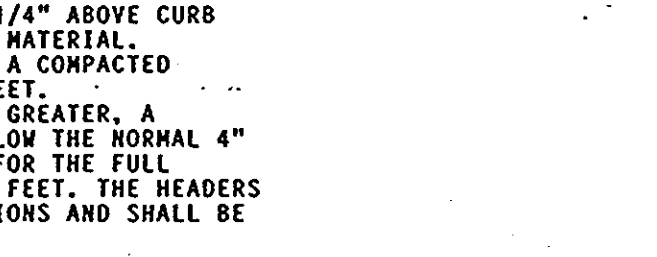
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James A. Fisher
10/11/86
SIGNATURE OF ENGINEER DATE

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Jacqueline A. Dewey
9-30-86
SIGNATURE OF DEVELOPER DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
James M. Helms 10/23/86
U.S. SOIL CONSERVATION SERVICE DATE

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
APPROVED:
Stephan L. Jander 12/27/86
DISTRICT HOWARD SOIL CONSERVATION DISTRICT DATE

APPROVED: OFFICE OF PLANNING AND ZONING
John W. Muschman 1-8-87
PLANNING DIRECTOR DATE

John W. Muschman 1-8-87
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS
John W. Muschman 1-7-87
HEALTH OFFICER DATE

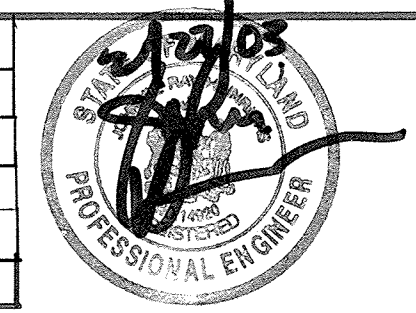
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James M. Helms 1/2/87
DIRECTOR, PUBLIC WORKS DATE

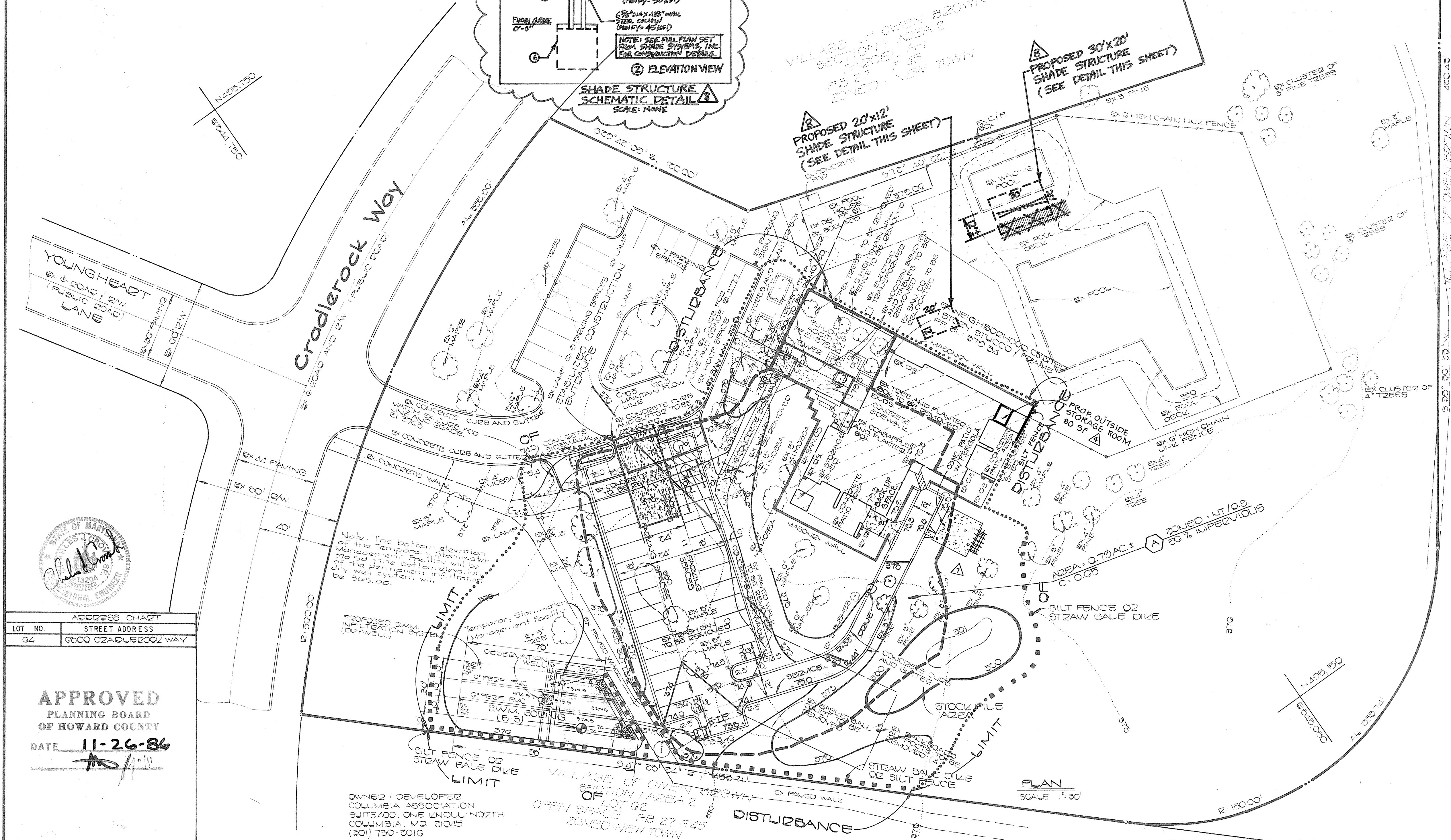
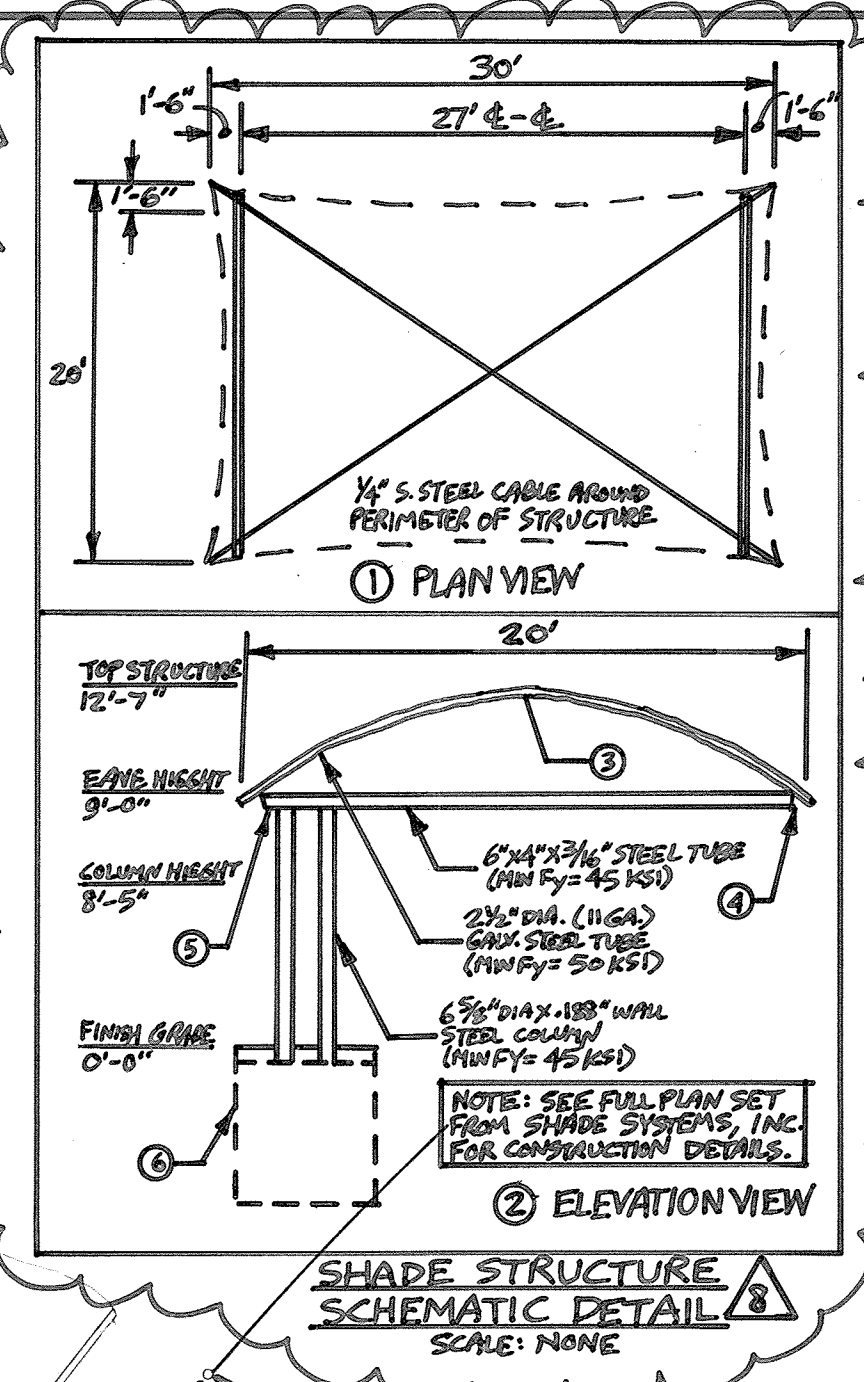
James M. Helms 12-23-86
CHIEF, BUREAU OF ENGINEERING DATE

SUBDIVISION SECTION/AREA LOT NO.
VILLAGE OF OWEN BROWN 1/2 G4
PLAT NO. BLOCK NO. ZONE TAX ZONE ELEC. DIST. CENSUS TR.
PEZT P.43 6110 NT/08 5G G 9001.00
WATER CODE 1-C10 SEWER CODE 540900

NOTES AND DETAIL
Building/Parking Additions to S.D.P. 74-77c COLUMBIA
VILLAGE OF OWEN BROWN
SECTION ONE AREA TWO
LOT G4
DASHER GREEN NEIGHBORHOOD CENTER NEW BUILDING ADDITION AND PARKING LOT EXPANSION.
TAX MAP 50 G4 ELEC. DISTRICT HOWARD COUNTY, MD. SCALE: AS SHOWN SEPTEMBER 23, 1986
SHEET 2 OF 3

NO	DATE	REVISION
1	1-27-09	ADDED 80 SF OUTSIDE STORAGE ROOM
2	9-27-11	ADDED 288 SF CONC. PAD w/6' TRENCHES AND PERGOLA
3	6-28-12	RELOCATED PATIO AND PERGOLA
4	4-8-13	REVISED PATIO AND PERGOLA SIZES 460 SF
5	12-7-18	ADDED 2 SHADE STRUCTURES AND SCHEMATIC DETAIL.


 3-27-11
 6-28-12
 4-8-13
 12/7/2018
 FOR REV. # 5 ONLY



- SEDIMENT CONTROL NOTES:**
- 1) A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTIONS AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (992-2437).
 - 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) SOD (SEC. 54) TEMPORARY SEEDING (SEC. 50) AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT 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	9.176	ACRES
AREA TO BE ROOFED OR PAVED	0.200	ACRES
AREA TO BE VEGETATIVELY STABILIZED	0.65	ACRES
TOTAL CUT	2,500	CU. YDS.
TOTAL FILL	100	CU. YDS.
 - 8) ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
 - 9) ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY DPM SEDIMENT CONTROL INSPECTOR.

- PERMANENT SEEDING NOTES:**
- APPLY TO GRADED OR CLEARED AREA NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.
- SEEDBED PREPARATION: LOOSEN UPPER THREE-INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
- SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:
- 1) PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQUARE FT) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE-INCHES OF SOIL. AT THE END OF SEEDING, APPLY 400 LBS. PER ACRE 30-3-0 UREAFORM FERTILIZER (9 LBS/1000 SQ. FT.)
 - 2) ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ. FT.) AND 1000 LBS PER ACRE 10-10-10 FERTILIZER (23 LBS/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 90 LBS PER ACRE (14 LBS/1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 80 LBS KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS PER ACRE (.05 LBS/1000 SQ. FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, OPTION (1) 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE SOO OPTION (3) SEED WITH 60 LBS/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 LBS/1000 SQ. FT.) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (3 GAL/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ. FT.) FOR ANCHORING.
- MAINTENANCE: INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.
- TEMPORARY SEEDING NOTES:**
- APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.
- SEEDBED PREPARATION: LOOSEN UPPER THREE-INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
- SOIL AMENDMENTS: APPLY 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.)
- SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 15, SEED WITH 21 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ. FT.). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEEPING LOVEGRASS (.07 LBS/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 SOO.
- MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ. FT.) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GAL PER ACRE (3 GAL/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES, 8 FT. OR HIGHER, USE 348 GAL PER ACRE (8 GAL/1000 SQ. FT.) FOR ANCHORING.
- REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

- CONSTRUCTION SEQUENCE:**
1. OBTAIN GRADING PERMIT.
 2. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE AS SHOWN ON PLAN.
 3. INSTALL STRAW BALE DIKE/SILT FENCE.
 4. CLEAR AND GRUB SITE AND GRADE TO SUBGRADE. REMOVE EXISTING CURB AND GUTTER, FENCES, TREES, ETC.
 5. CONSTRUCT ON-SITE UTILITIES. PROVIDE INLET PROTECTION @ I-1.
 6. BEGIN BUILDING CONSTRUCTION. CONSTRUCT CONCRETE CURB AND GUTTER AND INSTALL BASE COURSE.
 7. FINE GRADE PERIMETER AREAS AROUND PARKING LOT AND STABILIZE WITH PERMANENT SEEDING MIXTURE AND STABILIZE WITH STRAW MULCH. REMOVE STRAW BALE DIKE/SILT FENCE ONLY AFTER SLOPES HAVE BEEN STABILIZED AND PERMISSION HAS BEEN GIVEN BY THE SEDIMENT CONTROL INSPECTOR.
 8. CONSTRUCT DRYWELL (SEE CONSTRUCTION SPECIFICATIONS) AND CONNECT TO I-1.
 9. THE CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE ON THE SEDIMENT AND EROSION CONTROL STRUCTURES SHOWN HEREON AFTER EACH RAINFALL AND ON A DAILY BASIS.
 10. REMOVE SEDIMENT FROM ROADWAYS AND DRESS STONE CONSTRUCTION ENTRANCE AS REQUIRED.
 11. STABILIZE ALL REMAINING DISTURBED AREAS WITH PERMANENT SEEDING MIXTURE AND STRAW MULCH.
 12. AFTER PERMISSION HAS BEEN GIVEN BY SEDIMENT CONTROL INSPECTOR, STABILIZE REMAINING DISTURBED AREA WITH PERMANENT SEEDING MIXTURE AND STRAW MULCH.

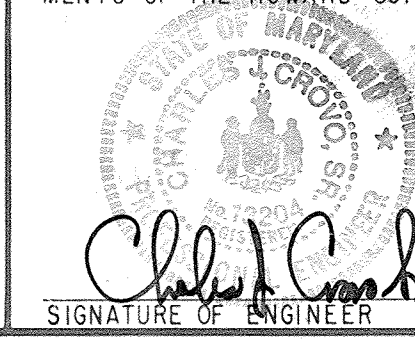
ADDRESS CHART

LOT NO.	STREET ADDRESS
G4	6000 CRADLEROCK WAY


APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 DATE 11-26-86



FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERS & LAND SURVEYORS
 8388 COURT AVENUE
 ELLICOTT CITY, MARYLAND 21043
 (301) 461-2855



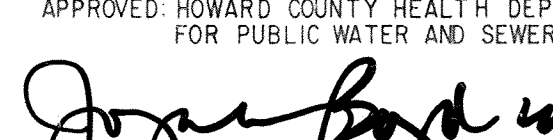
ENGINEER'S CERTIFICATE
 I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

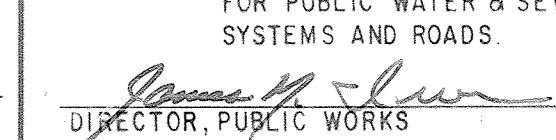
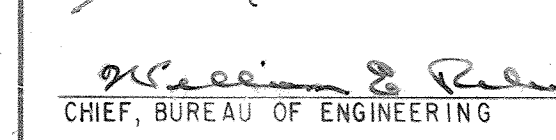

 SIGNATURE OF ENGINEER
 10/1/86 DATE

DEVELOPER'S CERTIFICATE
 I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL 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/WE AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.


 SIGNATURE OF DEVELOPER
 9-30-86 DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

 U.S. SOIL CONSERVATION SERVICE DATE 12/23/86
 THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 APPROVED:

 HOWARD SOIL CONSERVATION DISTRICT DATE 1/23/87

APPROVED: OFFICE OF PLANNING AND ZONING

 PLANNING DIRECTOR DATE 1-8-87

 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE 1-8-87
 APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS

 HEALTH OFFICER DATE 1-9-87

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS

 DIRECTOR, PUBLIC WORKS DATE 1/6/87

 CHIEF, BUREAU OF ENGINEERING DATE 12-23-86
 SUBDIVISION: VILLAGE OF OWEN BROWN SECTION/AREA: 1/2 LOT NO.: G4
 PLAT NO.: PG 07 F 45 BLOCK NO.: 1703 ZONE: BG TAX/ZONE: 5G ELEC. DIST.: TR CENSUS TR.: 000103 WATER CODE: 1-E10 SEWER CODE: 5A10500

Building & Planning Additions to S.D.F. 74-774
SEDIMENT CONTROL PLAN AND DRAINAGE AREA
 MAP
 COLUMBIA
VILLAGE OF OWEN BROWN
 SECTION ONE AREA TWO
LOT G4
 FISHER GREEN NEIGHBORHOOD CENTER NEW BUILDING ADDITION AND PARKING LOT EXPANSION
 TAX MAP 86 PG 07 F 45 PG 08 F 45 PG 09 F 45 PG 10 F 45 PG 11 F 45 PG 12 F 45 PG 13 F 45 PG 14 F 45 PG 15 F 45 PG 16 F 45 PG 17 F 45 PG 18 F 45 PG 19 F 45 PG 20 F 45 PG 21 F 45 PG 22 F 45 PG 23 F 45 PG 24 F 45 PG 25 F 45 PG 26 F 45 PG 27 F 45 PG 28 F 45 PG 29 F 45 PG 30 F 45 PG 31 F 45 PG 32 F 45 PG 33 F 45 PG 34 F 45 PG 35 F 45 PG 36 F 45 PG 37 F 45 PG 38 F 45 PG 39 F 45 PG 40 F 45 PG 41 F 45 PG 42 F 45 PG 43 F 45 PG 44 F 45 PG 45 F 45 PG 46 F 45 PG 47 F 45 PG 48 F 45 PG 49 F 45 PG 50 F 45 PG 51 F 45 PG 52 F 45 PG 53 F 45 PG 54 F 45 PG 55 F 45 PG 56 F 45 PG 57 F 45 PG 58 F 45 PG 59 F 45 PG 60 F 45 PG 61 F 45 PG 62 F 45 PG 63 F 45 PG 64 F 45 PG 65 F 45 PG 66 F 45 PG 67 F 45 PG 68 F 45 PG 69 F 45 PG 70 F 45 PG 71 F 45 PG 72 F 45 PG 73 F 45 PG 74 F 45 PG 75 F 45 PG 76 F 45 PG 77 F 45 PG 78 F 45 PG 79 F 45 PG 80 F 45 PG 81 F 45 PG 82 F 45 PG 83 F 45 PG 84 F 45 PG 85 F 45 PG 86 F 45 PG 87 F 45 PG 88 F 45 PG 89 F 45 PG 90 F 45 PG 91 F 45 PG 92 F 45 PG 93 F 45 PG 94 F 45 PG 95 F 45 PG 96 F 45 PG 97 F 45 PG 98 F 45 PG 99 F 45 PG 100 F 45
 SCALE AS SHOWN SEPTEMBER 29, 1986
 SHEET 5 OF 8