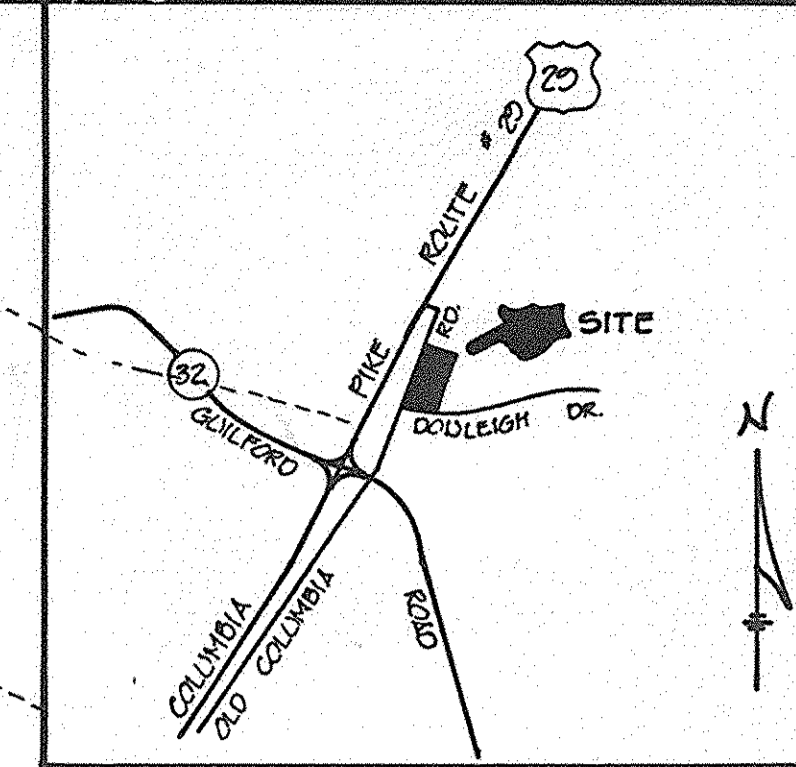


**TEST PIT NOTE:**  
 PRIOR TO PAVING IN R/W OF OLD COLUMBIA PIKE AND DONLEIGH DRIVE THE CONTRACTOR SHALL TEST PIT (1'x1') EX. SHOULDERS TO DETERMINE THE THICKNESS OF EX. PAVT.   
 DENOTES TEST PIT - RESURFACING SHALL BE APPROVED BY MD. SHA AND HOW. CO. DRW. PRIOR TO BEGINNING WORK.

**\* NOTE:**  
 For SEDIMENT TRAP DATA See Sheet 5.

6" Reinf. Conc. Pad for Relocated Ice Machines See detail Sheet

TIMBER RETAINING WALL SEE DETAIL SHEET 3



VICINITY MAP  
 SCALE: 1" = 2000'

**LIST OF DRAWINGS**

DESCRIPTION	NO.
SITE PLAN	1 OF 5
PARKING & LANDSCAPING	2 OF 5
DETAILS	3 OF 5
PROFILES & DETAILS	4 OF 5
SEWAGE CONTROL	5 OF 5
DETAILS	5 OF 5

**NOTE:**  
 BOUNDARY AND TOPOGRAPHY SHOWN HEREON PREPARED BY TYDINGS OHEIM ASSOCIATES, ELLICOTT CITY, MD.

**SITE ANALYSIS: (Totals Parcels 336 & 65)**

- Present Zoning B-1 i U.T. Emp. Center Commercial per FDP-157
- Area Site (0.994 + 1.211) = 2.207 ac. or 96,136.9 sq. ft.
- Lot Coverage:
  - Existing Conditions = 9,950 sq. ft. or 10.34%
  - Post Development = 19,672 sq. ft. or 20.46%
- Impervious Area:
  - Existing Conditions = 62,130 sq. ft. or 64.62%
  - Post Development = 76,760 sq. ft. or 79.9%
- Open Space:
  - Existing Conditions = 34,000 sq. ft. or 35.38%
  - Post Development = 19,375 sq. ft. or 20.10%
- Parking Tabulation (See Sheet No. 2)

AREA OF PROPOSED PARKING LOT = 24,022 sq. ft.  
 AREA OF PROPOSED LANDSCAPING WITHIN PARKING = 3,344 sq. ft. or 12%

**SITE ANALYSIS: CONTINUED**  
 DISTURBED AREA = 1.661 AC  
 IMPERVIOUS SURFACE = 1.205 AC  
 AREA TO BE REVEGETATED = 0.866 AC

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
*Denise L. Hinkle* 7-15-83  
 PLANNING DIRECTOR DATE

APPROVED: Louis Feliciano 7-15-83  
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
*James P. Johnson* 7-14-83  
 COUNTY HEALTH OFFICER DATE

APPROVED  
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE 9-9-82  
*M. J. F. D.*

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."  
*William L. Hinkle*  
*Evelyn V. Hinkle* 6-21-83  
*William L. Hinkle* 6-22-83  
 Date

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*James P. Johnson* 7-14-83  
 DIRECTOR DATE

*William L. Hinkle* 7-13-83  
 CHIEF, BUREAU OF ENGINEERING DATE

DATE	NO.	REVISION DESCRIPTION
8-27-82	2	REVISED PER HOW. CO. COMMENTS
7-14-82	1	REVISED PER HOWARD CO. COMMENTS

By the Engineer:  
 "I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District."  
*Charles R. Crocken* 6-21-83  
 Charles R. Crocken, P.E. Date

DEVELOPER: WILBUR L. HINKLE & EVELYN V. HINKLE  
 and OWNER: P.O. BOX 104 SIMPSONVILLE, MD. 21150

PROJECT: ADDITION TO ATHOLTON SHOPPING CENTER

AREA: SIXTH ELECTION DISTRICT HOWARD COUNTY, MD.

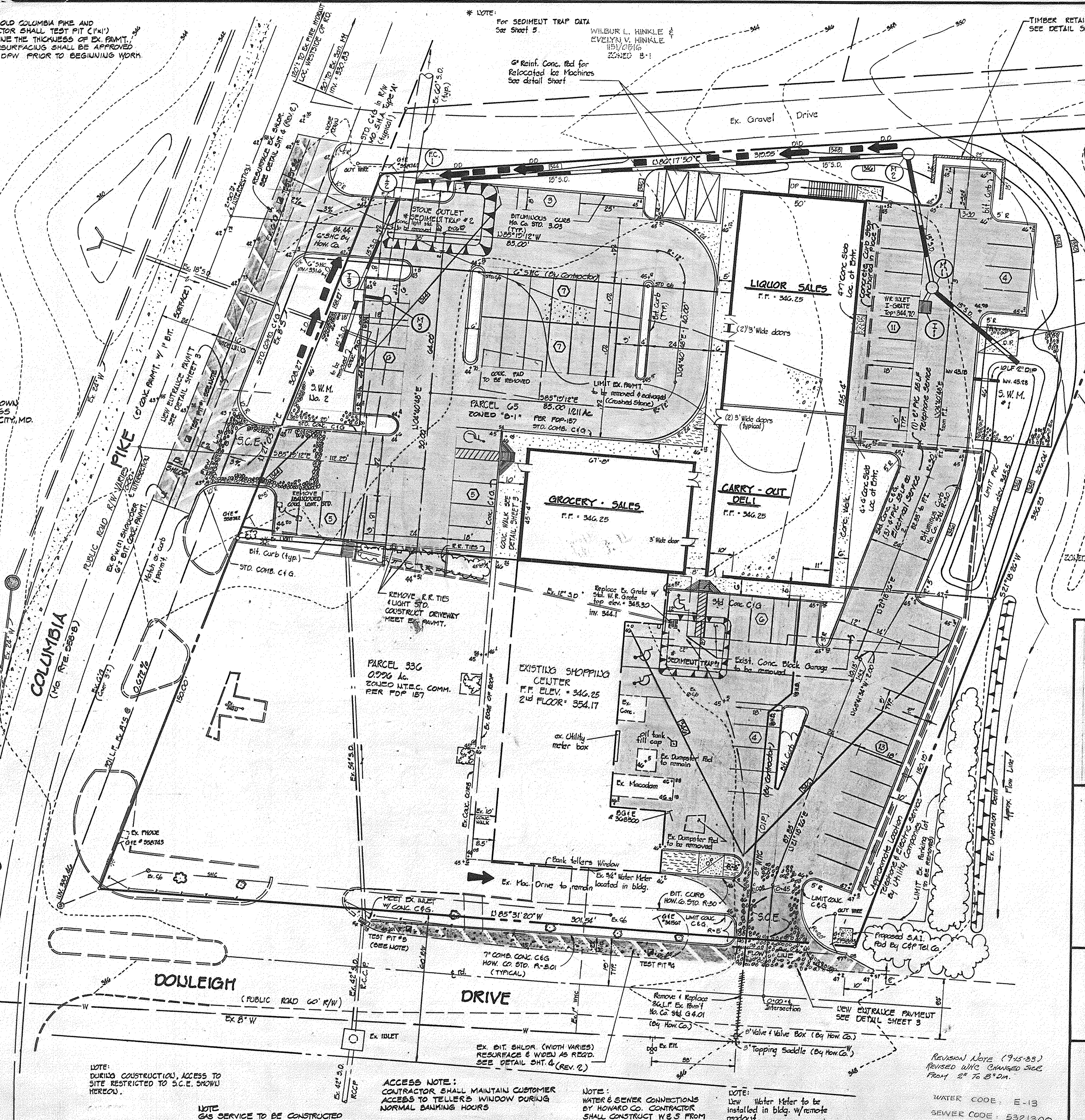
TITLE: SITE DEVELOPMENT PLAN

Reviewed for Howard S.C.D. Name and meets Technical Requirements.  
*Charles R. Crocken* 7-18-83  
 S.E. Soil Conservation Service Date

CHARLES R. CROCKEN AND ASSOCIATES INC.  
 CIVIL ENGINEERING AND LAND PLANNING  
 3607 PARK AVENUE ELLICOTT CITY, MD. 21043 465-3995

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
*Charles R. Crocken* 7-11-83  
 Howard S.C.D. Date

6-21-83 DATE  
 DESIGNED BY: C.R.C.  
 DRAWN BY: T.A.P.  
 PROJECT NO: 887  
 DATE: APRIL, 1982  
 SCALE: 1" = 20'  
 DRAWING NO. 1. OF 5



**NOTE:**  
 DURING CONSTRUCTION, ACCESS TO SITE RESTRICTED TO S.C.E. SHOW HEREON.

**NOTE:**  
 GAS SERVICE TO BE CONSTRUCTED BY D.G. & E. CO. EXACT SIZE & LOCATION UNKNOWN.

**ACCESS NOTE:**  
 CONTRACTOR SHALL MAINTAIN CUSTOMER ACCESS TO TELLERS WINDOW DURING NORMAL BANKING HOURS

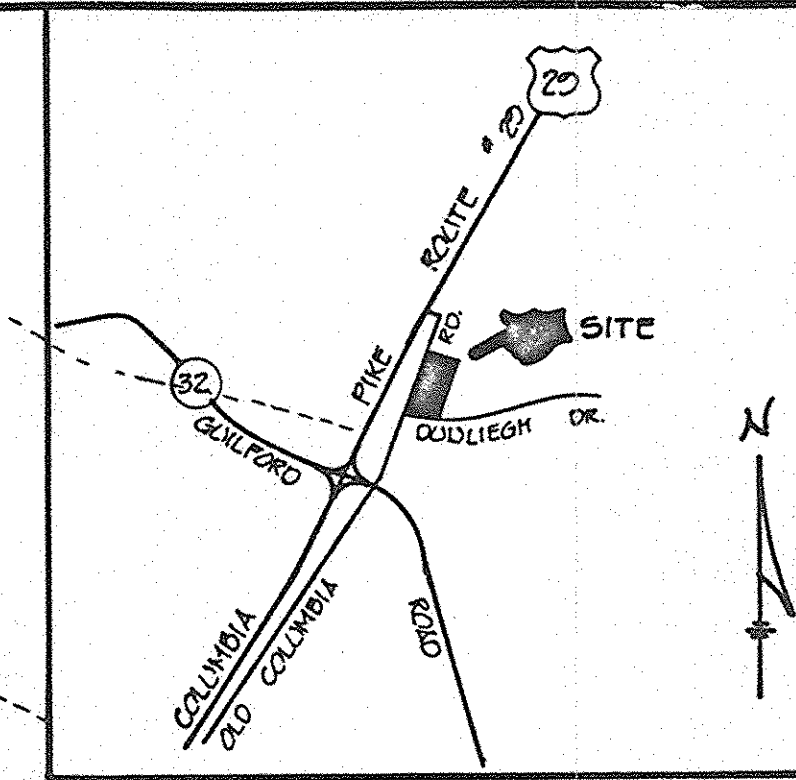
**NOTE:**  
 WATER & SEWER CONNECTIONS BY HOWARD CO. CONTRACTOR SHALL CONSTRUCT WE'S FROM R/W TO POINT 5 FT FROM BLDG.

**NOTE:**  
 New Water Meter to be installed in bldg. w/remote readout.

Revision Note (7-15-83)  
 REVISED W/PC CHANGED SEE FROM 2" TO 8" DIA.

WATER CODE: E-13  
 SEWER CODE: 5321300

NOTE: INSTALLATION OF TRAFFIC CONTROL DEVICES, MARKING AND SIGNING SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (1971 ED.)



APPROVED  
DIVISION OF LAND DEVELOPMENT &  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 9-9-82  
M/LTD.

PLANTING SCHEDULE

KEY	QUANTITY	NAME	SPECIFICATIONS CAL. ROOT	HEIGHT
☼	57	PINUS STROBUS	B-B	4'-5"
⊙	17	FORSYTHIA INTERMEDIA	B-B	3'
⊖	16	JUNIPER PFITZER HETZI	B-B	18'-24"
⊗	7	DOGWOOD	B-B	5'-6"

PARKING TABULATION

SPACES REQUIRED:

EXISTING BUILDING

1st Floor (Gross Area = 6250 s.f.)  
Retail & Office Space = 522 sq ft / 1000 sq ft / sp = 52 Spaces

2nd Floor (Gross Area = 9145 s.f.)  
Office Space = 2400 sq ft / 1000 sq ft / sp = 12 Spaces

Spaces Existing Building = 64

NEW ADDITION

1st Floor (Gross Area = 10,785 s.f.)  
Retail & Office Space = 8250 / 200 s.f. per space = 41

2nd Floor (Gross Area = 6000 s.f.)  
Office Space = 5400 sq ft / 1000 sq ft / sp = 54

Spaces New Building = 95

Total Spaces Required = 159

SPACES PROVIDED:

Existing Shopping Center

Front Lot = 35  
Rear Lot (Re-paved) = 25  
Total Existing Space = 60

New Addition

Front Lot = 33  
Rear Lot = 15  
Total New Spaces = 48  
Total Spaces = 108  
(Includes 8 Spaces for Handicapped)

GENERAL NOTES:

- Tax Map 36, Parcel 336 & 65
- Deed Reference: 1151/051C (APRIL 4, 1980)
- All site work shall be performed in accordance with the Howard County Road Construction Code and Standard Specifications and Details.
- All water and sewer work and materials shall be in accordance with the Howard County Plumbing Code and Health Department Regulations.
- The contractor is to notify the following utilities at least 72 hours before starting work shown on these drawings.  
C & P Telephone 725-9976  
Baltimore Gas & Electric Co. 539-8000 ext. 691  
Howard County - Bureau of Utilities 992-2366
- The contractor or developer shall contact the construction inspection/survey division five (5) days prior to commencement of work at 992-2417 or 992-2418.
- The contractor shall be responsible for the coordination of the relocation of all public and/or private utilities as may be required to complete the work.
- The contractor shall be responsible for obtaining all necessary permits prior to commencing work.
- The location of existing utilities shown hereon is not guaranteed. The contractor shall take all necessary precautions to protect the existing utilities and maintain uninterrupted service. The existence of utilities other than those shown hereon is not known. The contractor shall immediately notify the appropriate utility company if other utilities are encountered. Any damages will be repaired at the contractor's expense and under the direction of the utility company.
- All elevations shown hereon are based on Howard County Bench Mark.
- All fill under pavement and structures shall be compacted to a minimum of 95% optimum compaction per A.A.S.H.T.O.
- All excess excavation to be placed on site. All disturbed areas shall receive 2" topsoil, seed and mulch.
- See Electrical Dwg's for Lighting Pole Specifications and Luminaires shall be furnished and installed by Electrical Contractor.

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

*[Signature]*  
PLANNING DIRECTOR DATE 7-15-82

*[Signature]*  
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

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

*[Signature]*  
COUNTY HEALTH OFFICER DATE 7-14-82

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

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

*[Signature]*  
DIRECTOR DATE 7/10/82

*[Signature]*  
CHIEF, BUREAU OF ENGINEERING DATE 7-13-82

DATE	NO.	REVISION DESCRIPTION
8-27-82	2	REV ENTR PER COMMENTS
7-14-82	1	REVISED PER HOWARD CO. COMMENTS

OWNER: SAME AS DEVELOPER

DEVELOPER: WILBUR L. HINKLE & EVELYN V. HINKLE  
P.O. BOX 124  
SIMPSONVILLE, MD. 21150

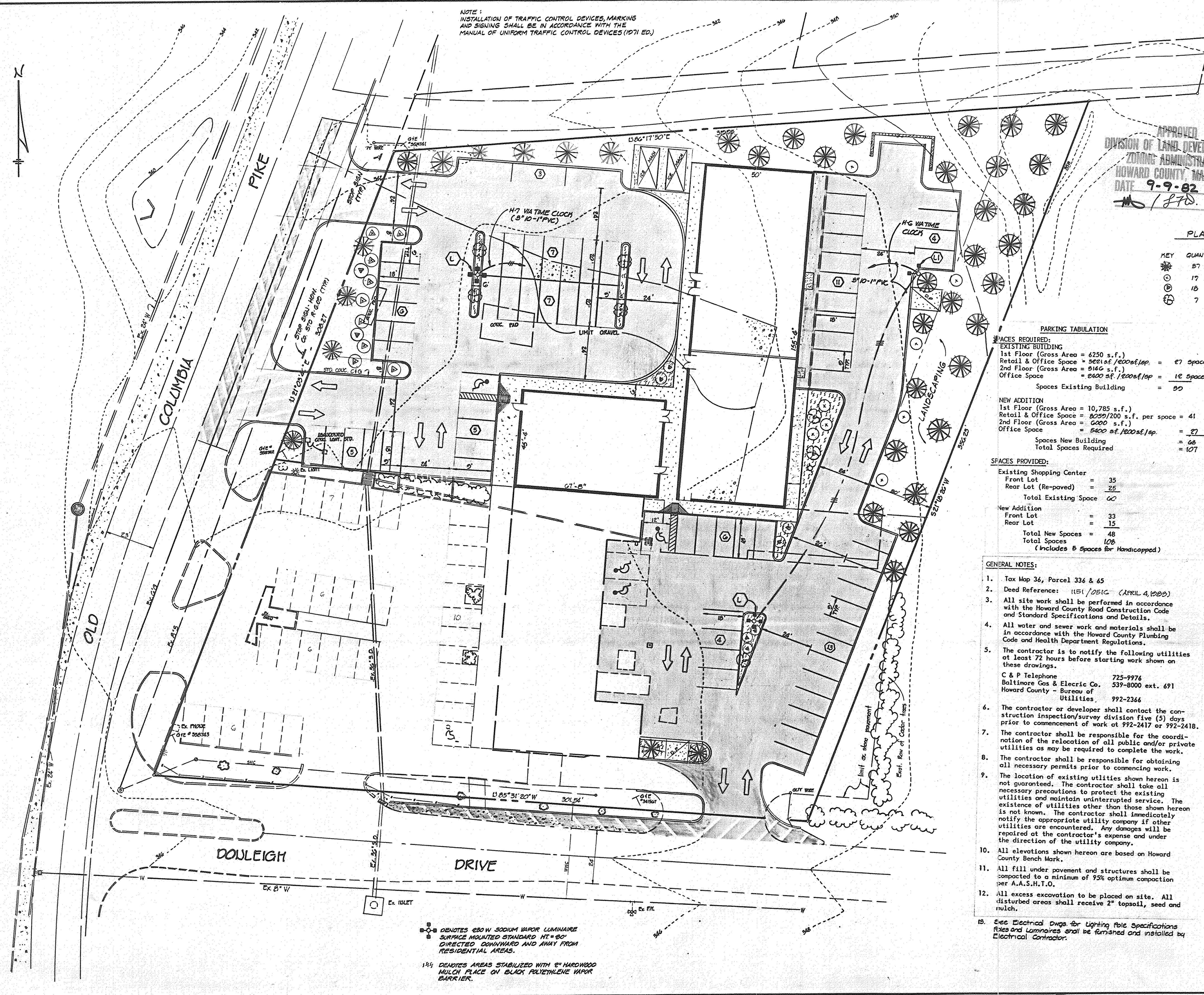
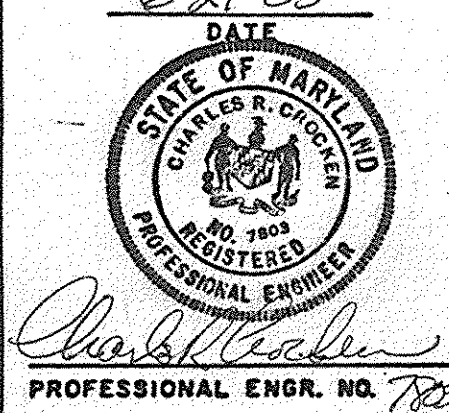
PROJECT: ADDITION TO  
ATHOLTON SHOPPING CENTER

AREA: SIXTH ELECTION DISTRICT  
HOWARD COUNTY, MD.

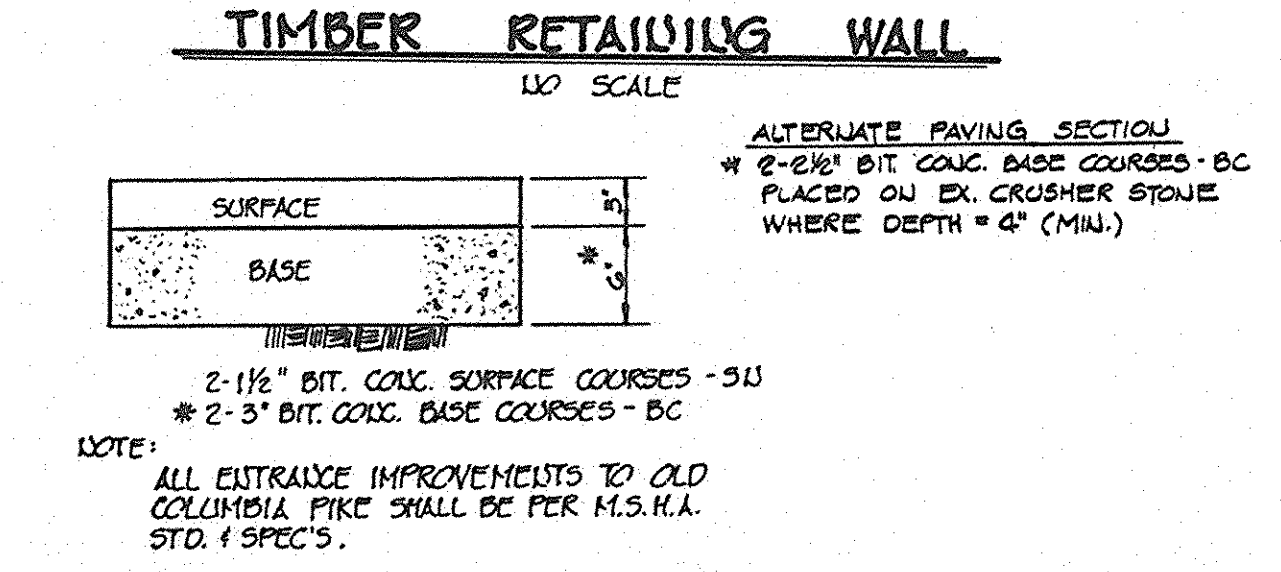
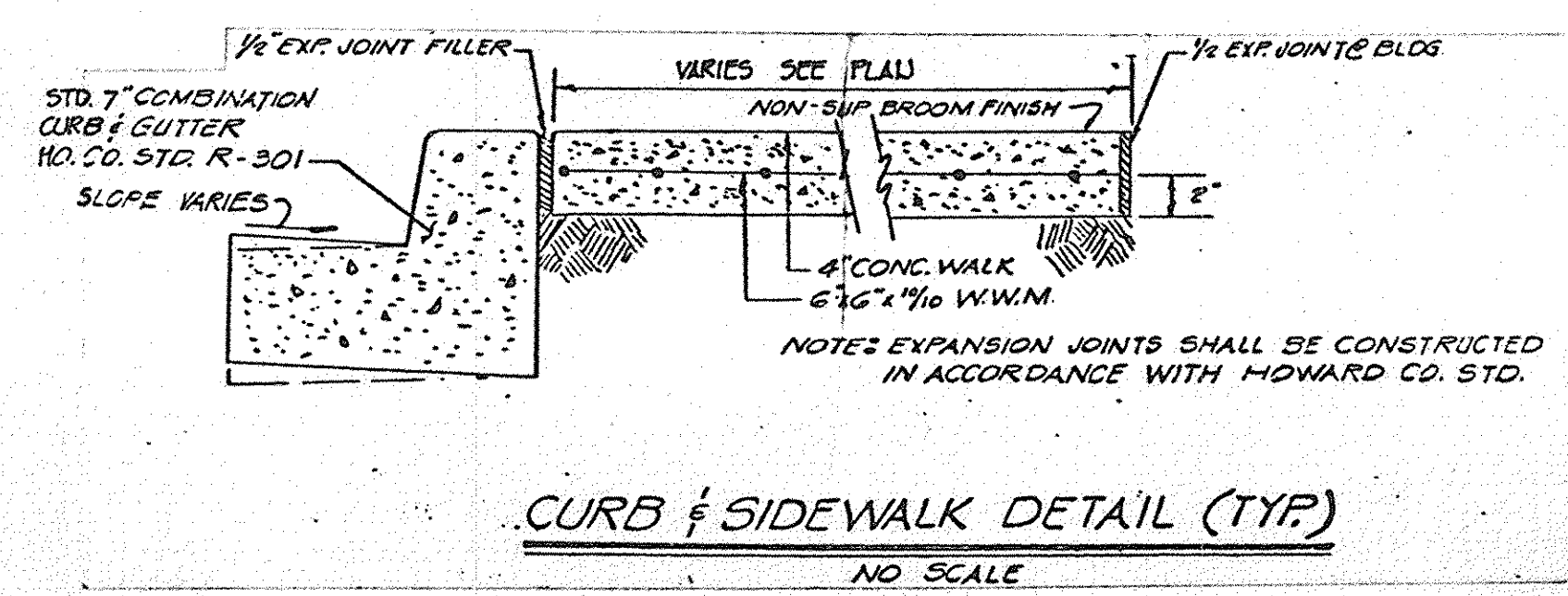
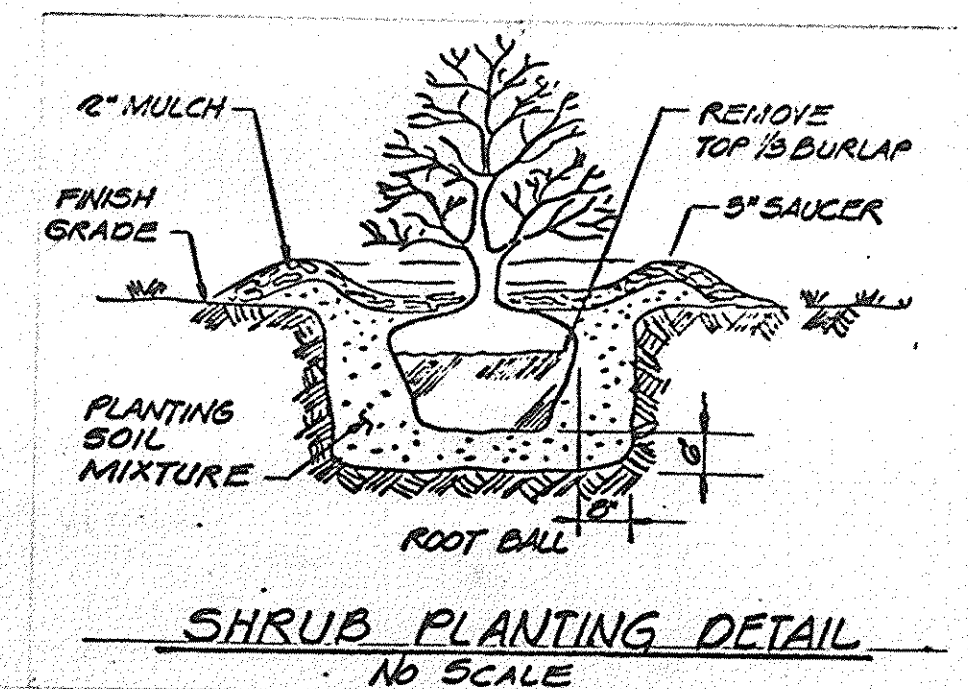
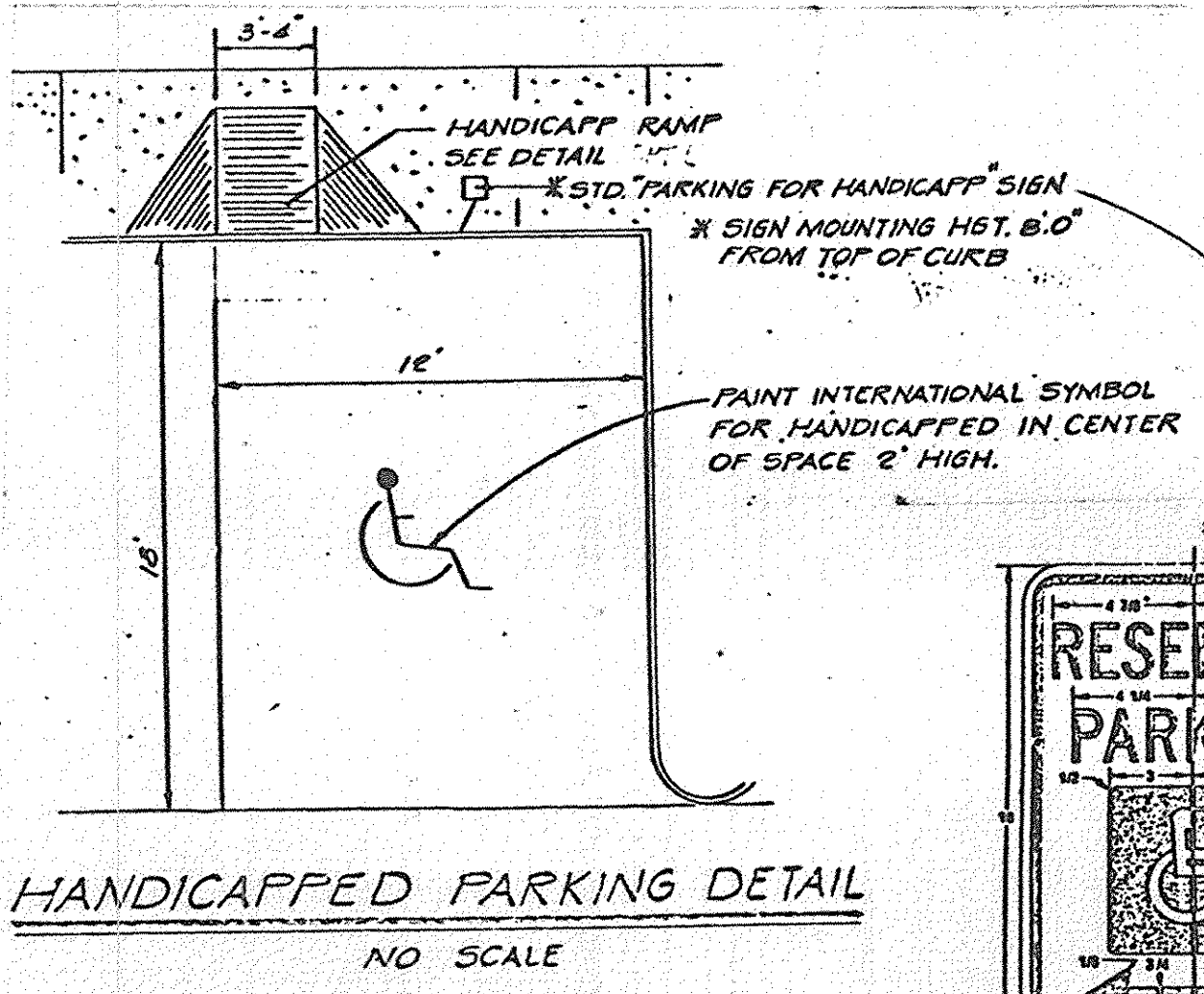
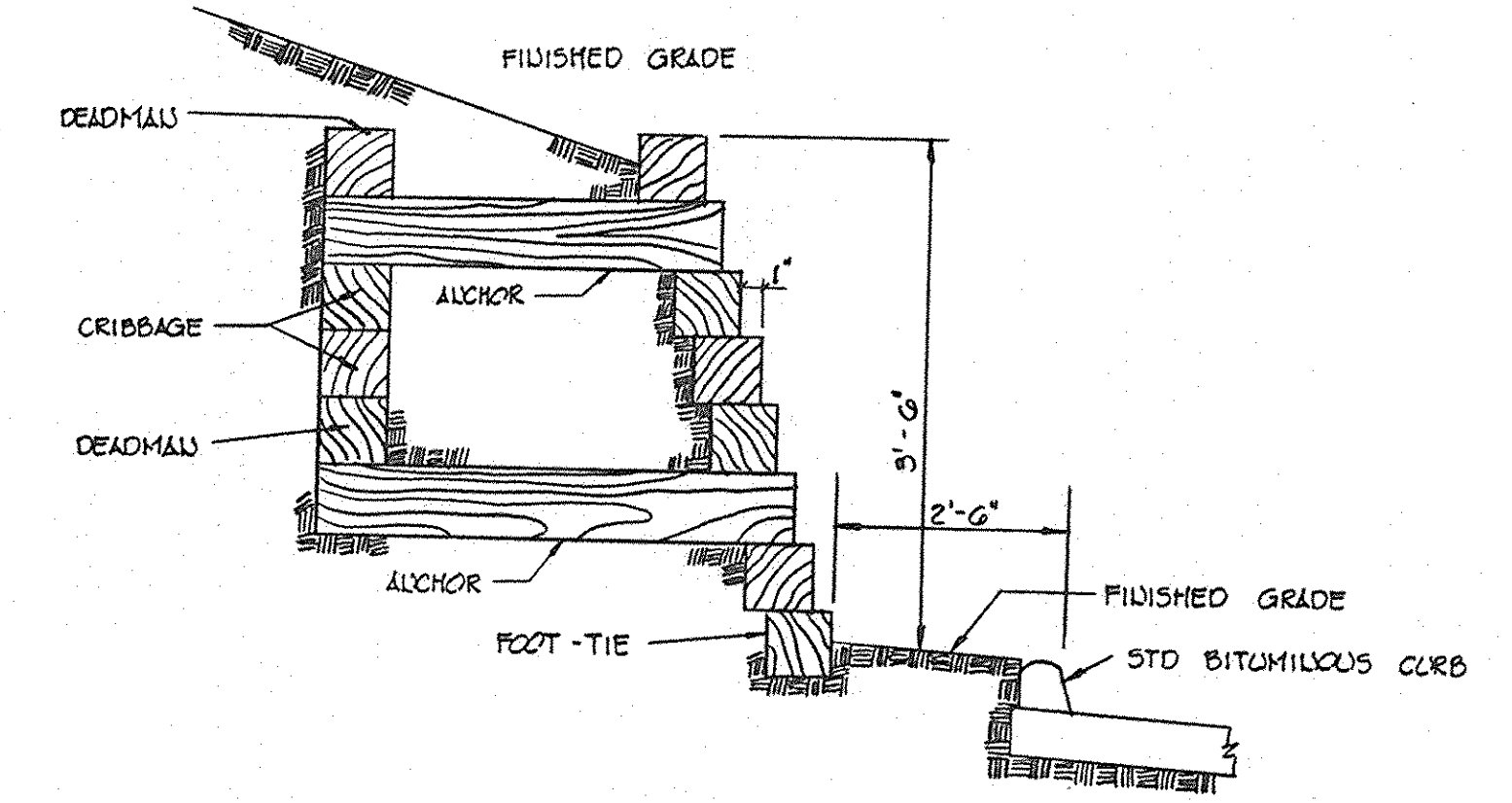
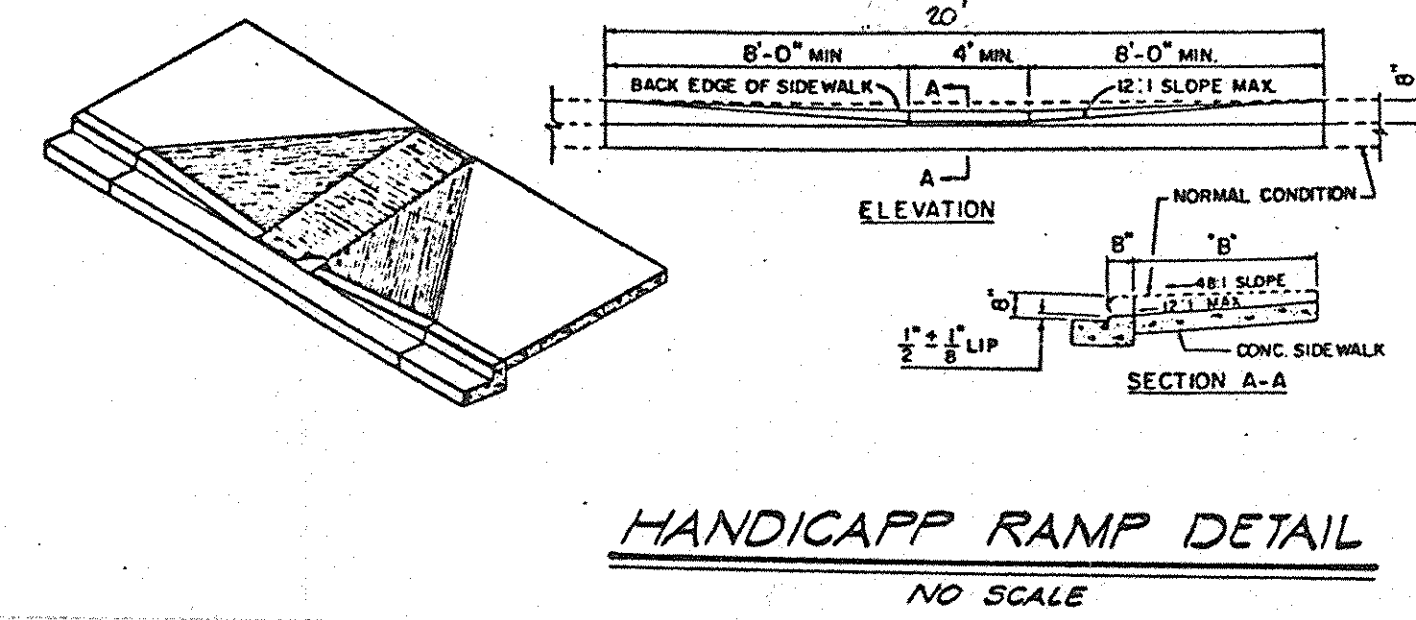
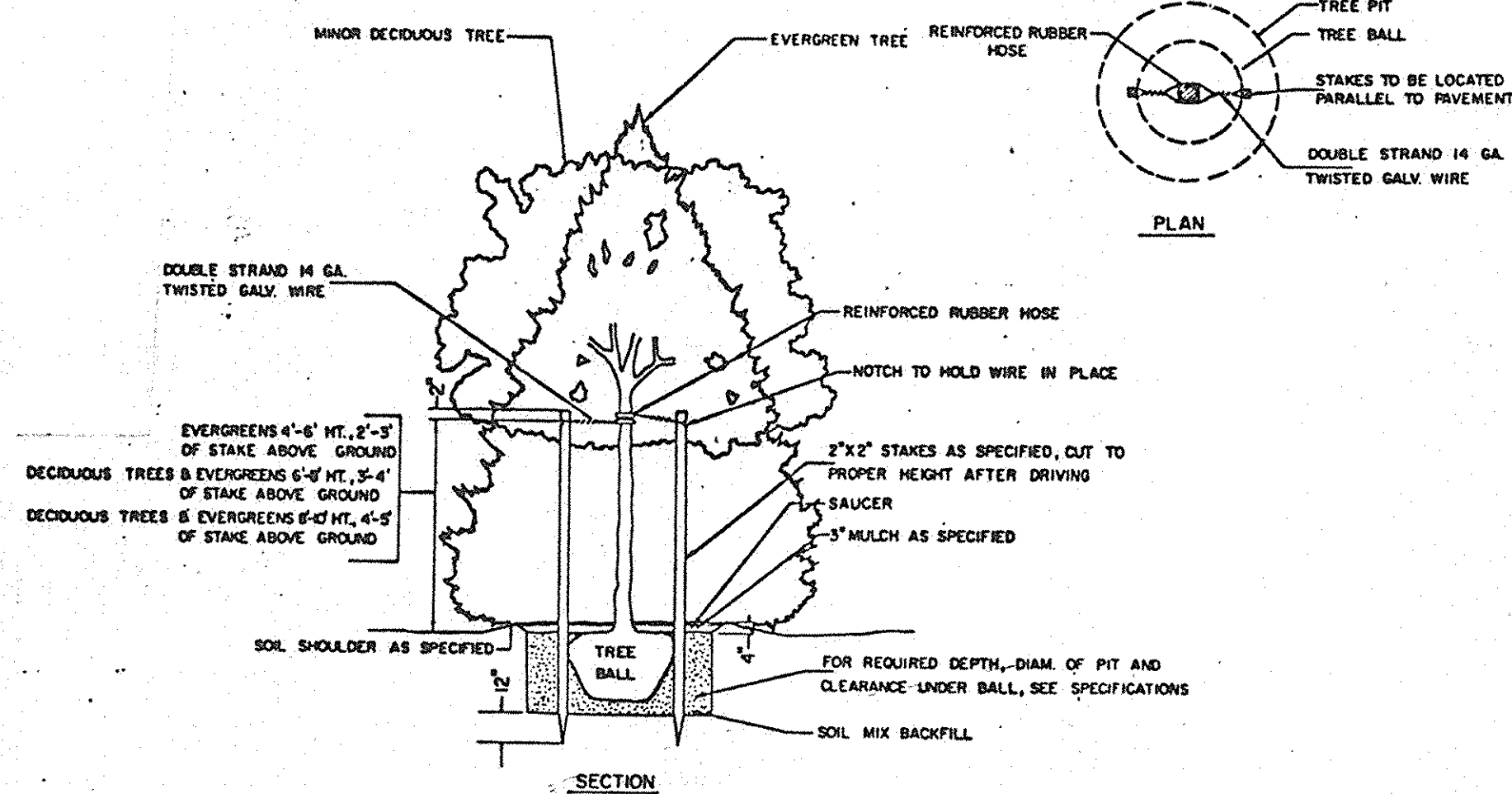
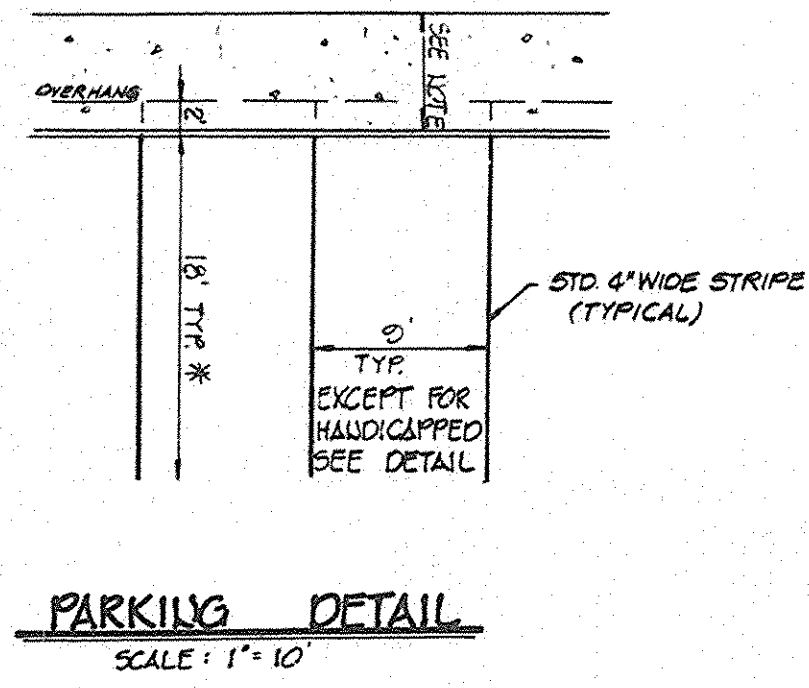
TITLE: PLAN OF  
PARKING AND LANDSCAPING

CHARLES R. CROCKEN  
AND ASSOCIATES INC.  
CIVIL ENGINEERING AND LAND PLANNING  
3697 PARK AVENUE ELLICOTT CITY MD. 21043 465-5555

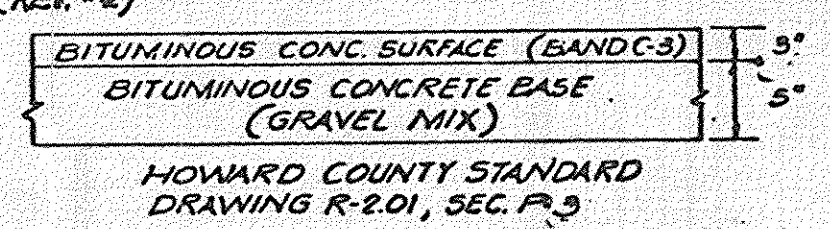
6-21-83 DATE  
TAX MAP 36-42 PARCELS 336 & 65  
DESIGNED BY: C.R.C.  
DRAWN BY: T.A.P.  
PROJECT NO: 887  
DATE:  
SCALE: 1"=20'  
DRAWING NO. 2 OF 5



\*SPACES WITHOUT 2' OVERHANG SHALL BE 20" IN DEPTH.



NOTE ALL REFERENCES TO HOWARD CO. ROAD CONSTRUCTION CODE AND SPECIFICATIONS SHALL BE CONSTRUED TO REFER TO APPLICABLE SECTIONS OF HOWARD CO. STD. SPECIFICATIONS AND DETAILS FOR CONSTRUCTIONS (REV. 78)

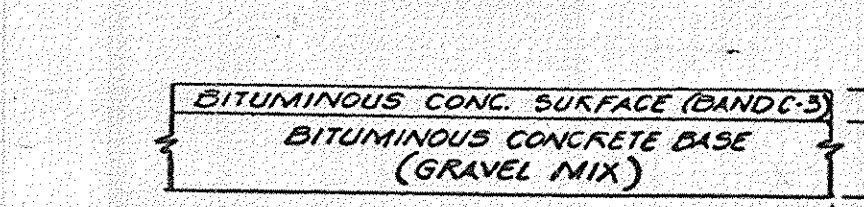


CLEARING & GRADING SUBGRADE BASE COURSE SURFACE COURSE

8" PAVEMENT (REV. 82)

NOTES:  
1. A TACK COAT IS REQUIRED IN ACCORDANCE WITH SECTION C-31-4 OF THE HOWARD CO. ROAD CONSTRUCTION CODE AND SPECIFICATIONS.  
2. BASE WILL BE PRIMED IN ACCORDANCE WITH SECTION C-30-3 OF THE HOWARD CO. ROAD CONSTRUCTION CODE AND SPECIFICATIONS.  
3. TO BE CONSTRUCTED IN ACCORDANCE WITH THE HOWARD CO. ROAD CONSTRUCTION CODE AND SPECIFICATIONS.

ENTRANCE PAVING SECTION NO SCALE

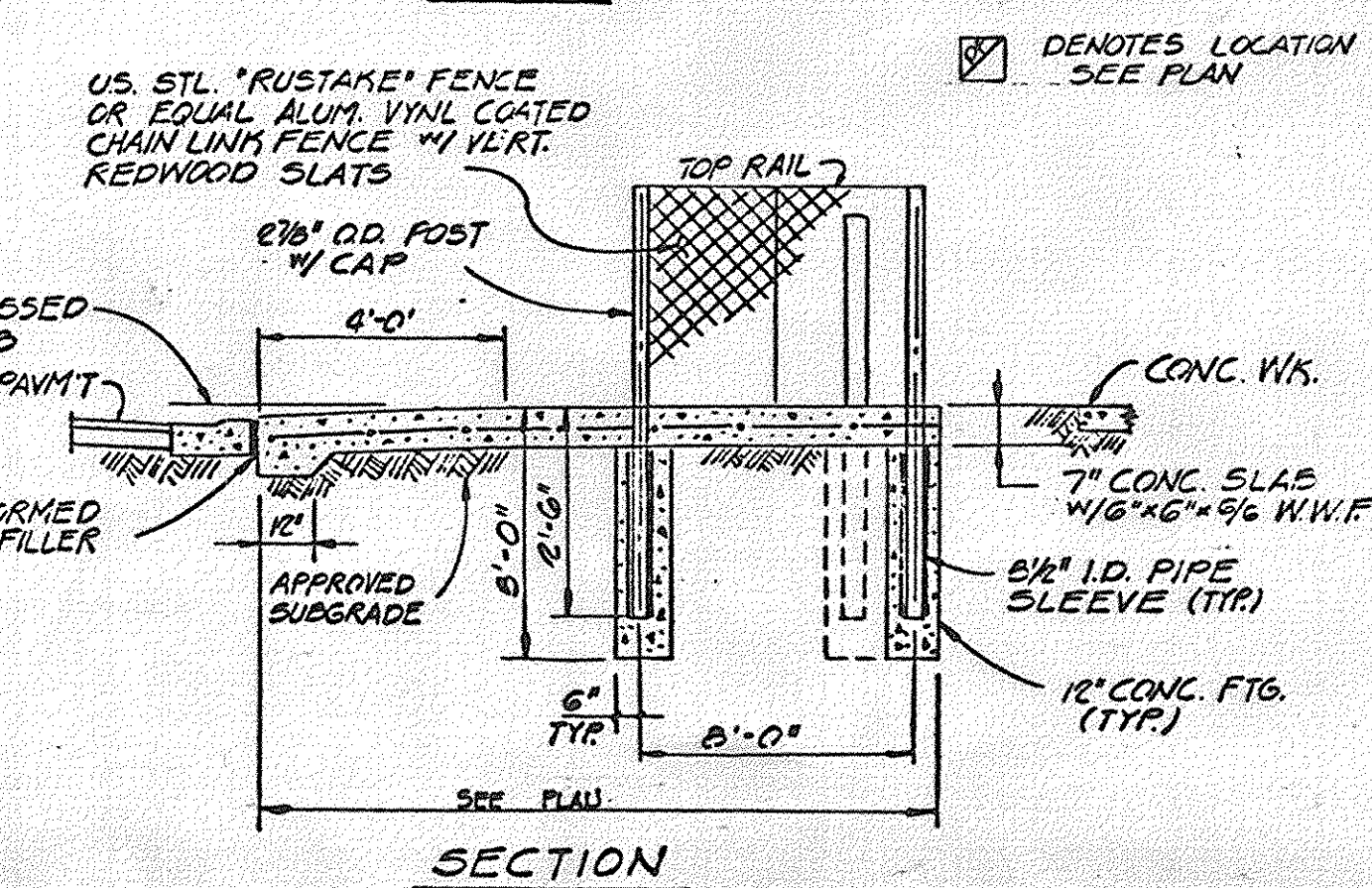
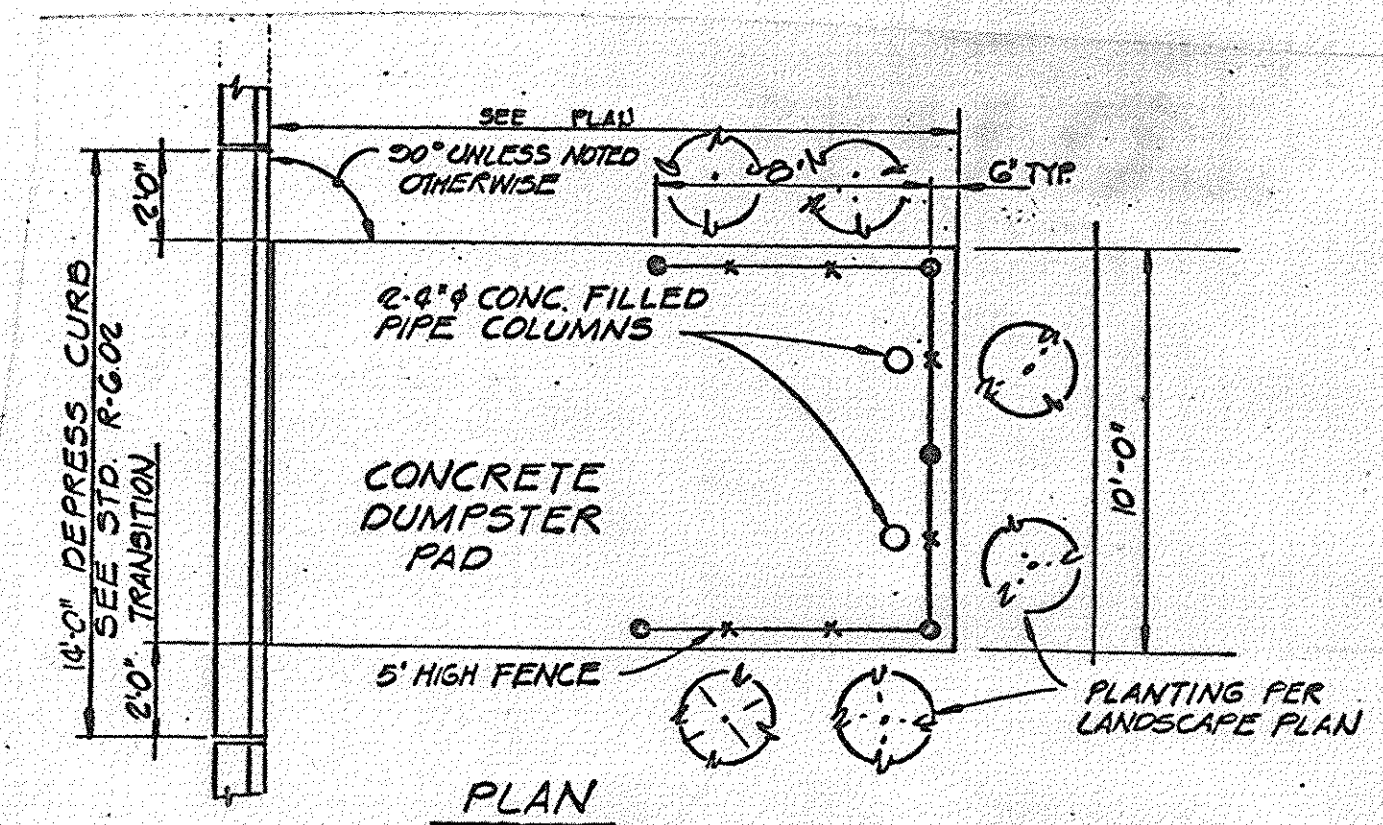
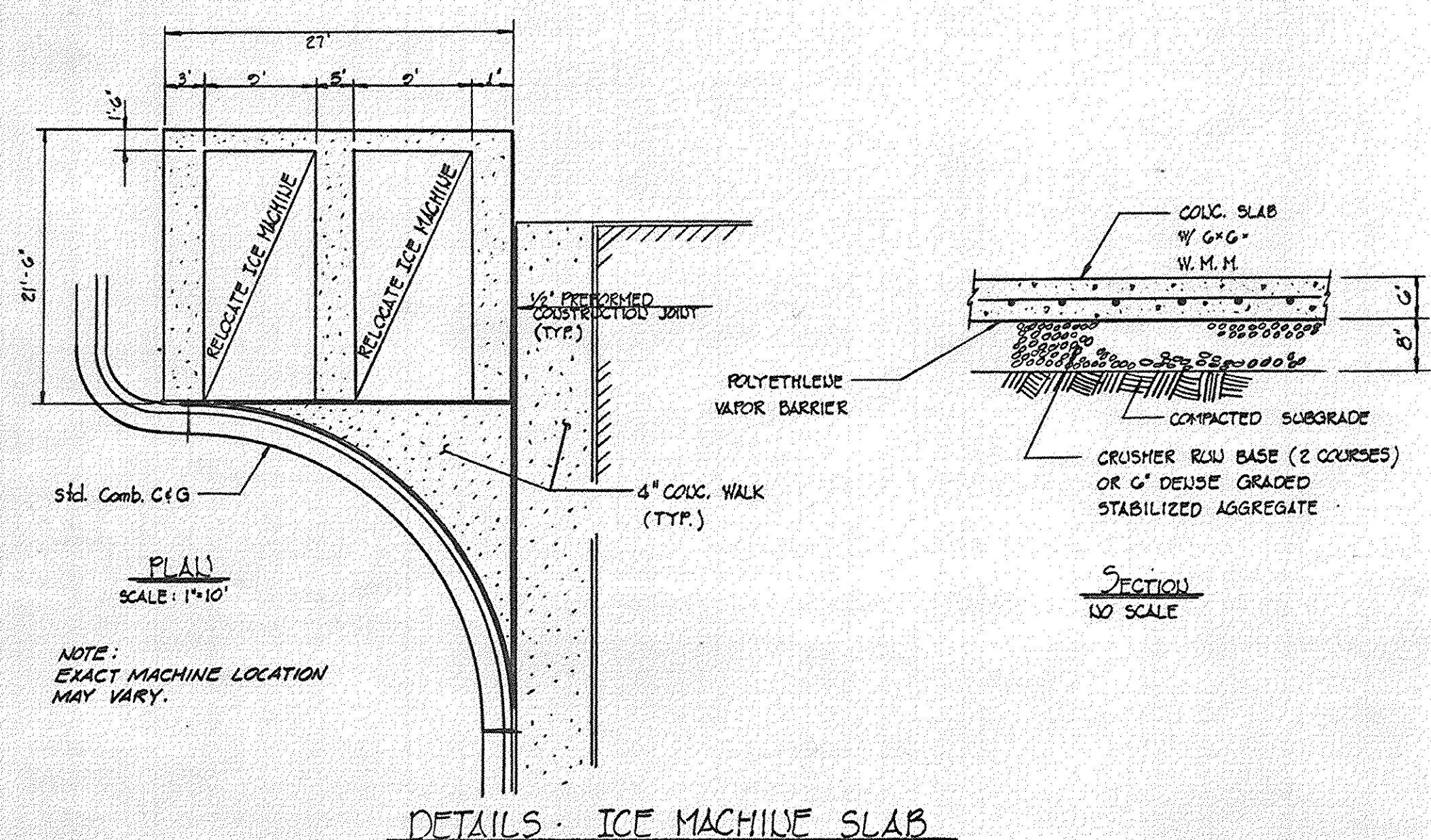
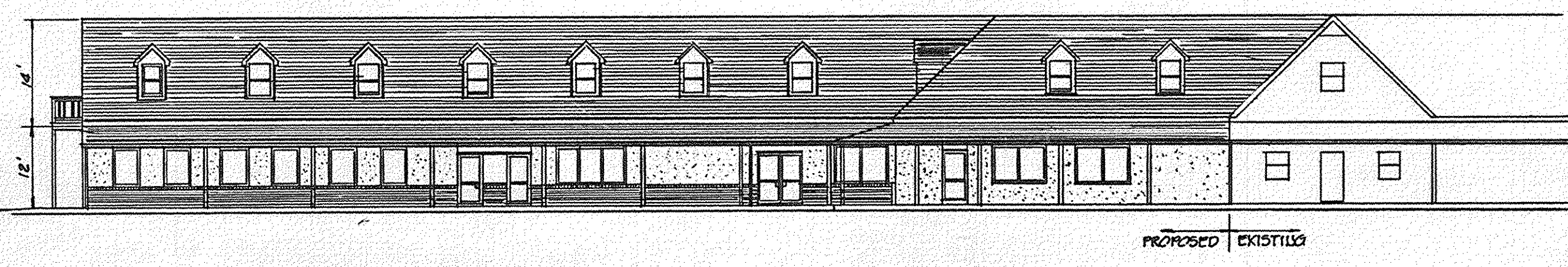


CLEARING & GRADING SUBGRADE BASE COURSE SURFACE COURSE

5" PAVEMENT

NOTES:  
1. A TACK COAT IS REQUIRED IN ACCORDANCE WITH SECTION C-31-4 OF THE HOWARD CO. ROAD CONSTRUCTION CODE AND SPECIFICATIONS.  
2. BASE WILL BE PRIMED IN ACCORDANCE WITH SECTION C-31-4 OF THE HOWARD CO. ROAD CONSTRUCTION CODE AND SPECIFICATIONS.  
3. TO BE CONSTRUCTED IN ACCORDANCE WITH THE HOWARD CO. ROAD CONSTRUCTION CODE AND SPECIFICATIONS.

SITE PAVING SECTION



**TYP. DUMPSTER PAD - DETAIL**  
NO SCALE

APPROVED: DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE: 9-9-82

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
DATE: 7-18-83  
PLANNING DIRECTOR

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
DATE: 7-14-83  
COUNTY HEALTH OFFICER

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
DATE: 7-13-83  
CHIEF, BUREAU OF ENGINEERING

REVISIONS:  
7-14-82 REV. NO. 1 REVISED PER HOWARD CO. COMMENTS  
7-14-82 REV. NO. 2 REV. NO. PAY. PER HOW. CO. COMMENTS

DEVELOPER: WILBUR L. HINKLE & EVELYN V. HINKLE  
OWNER: P.O. BOX 124 SIMPSONVILLE, MD. 21150

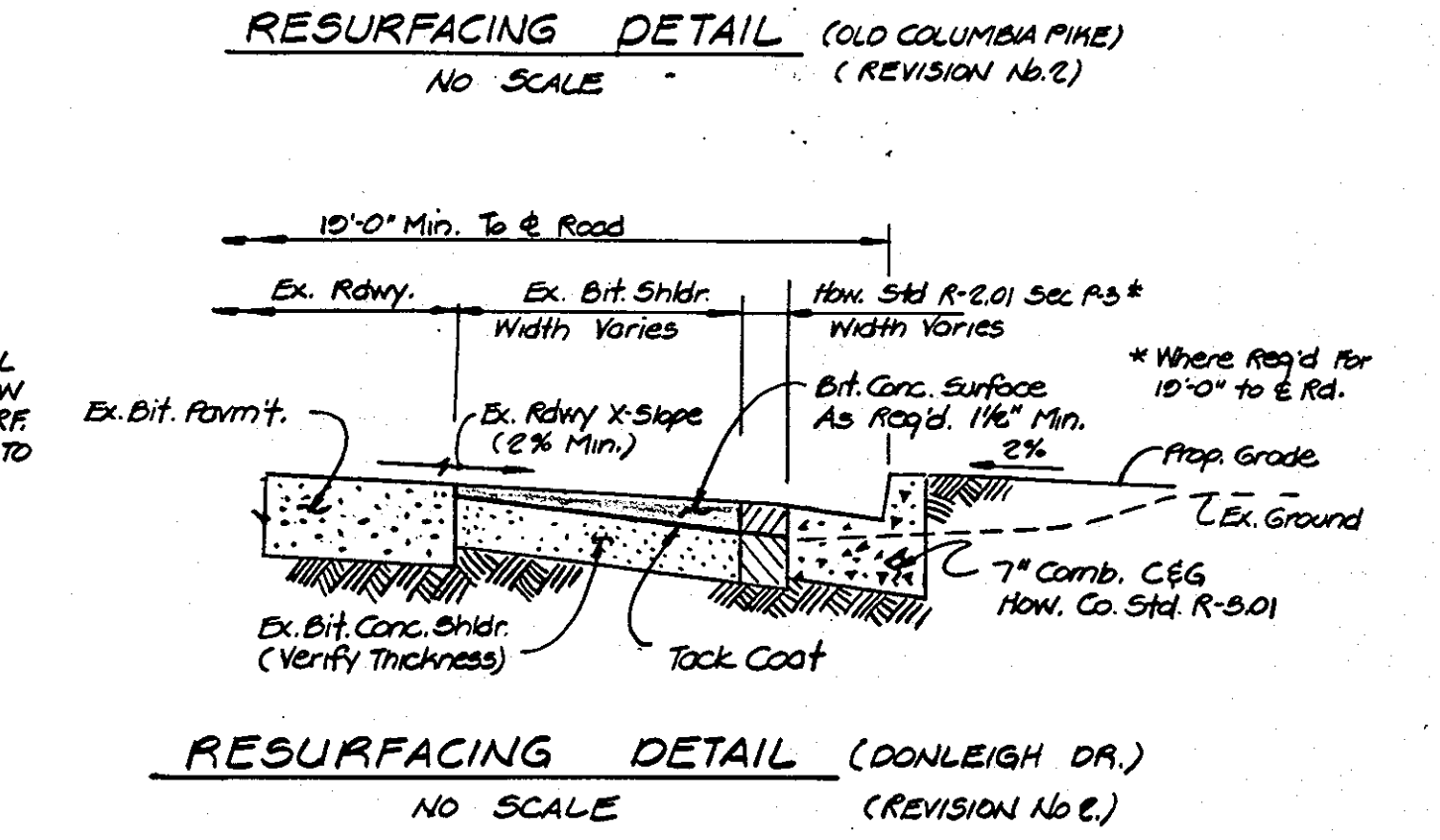
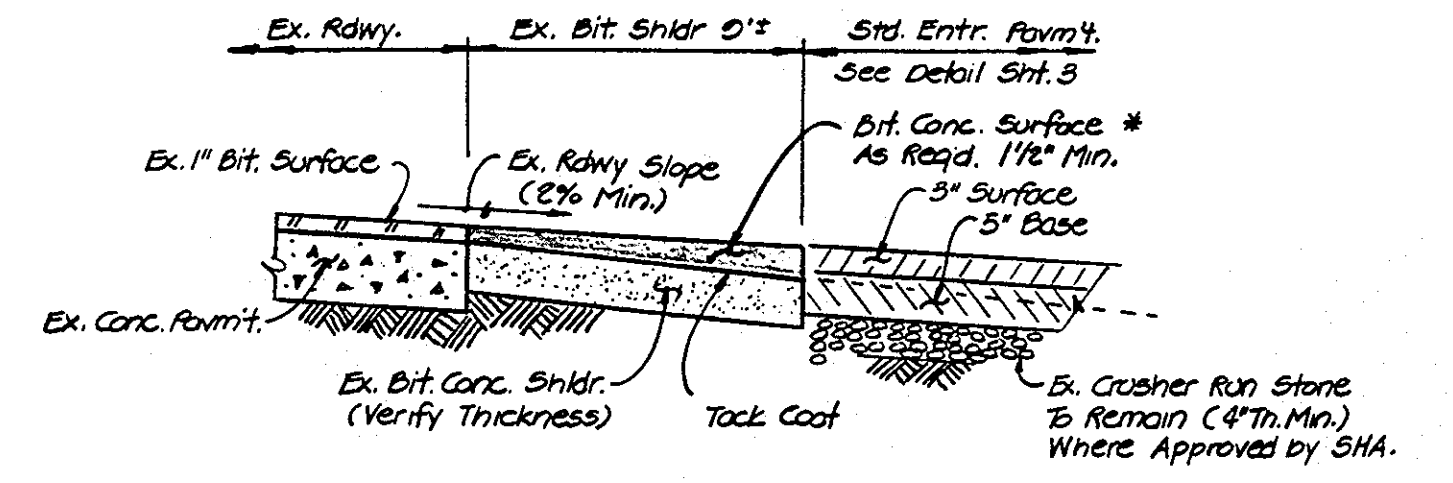
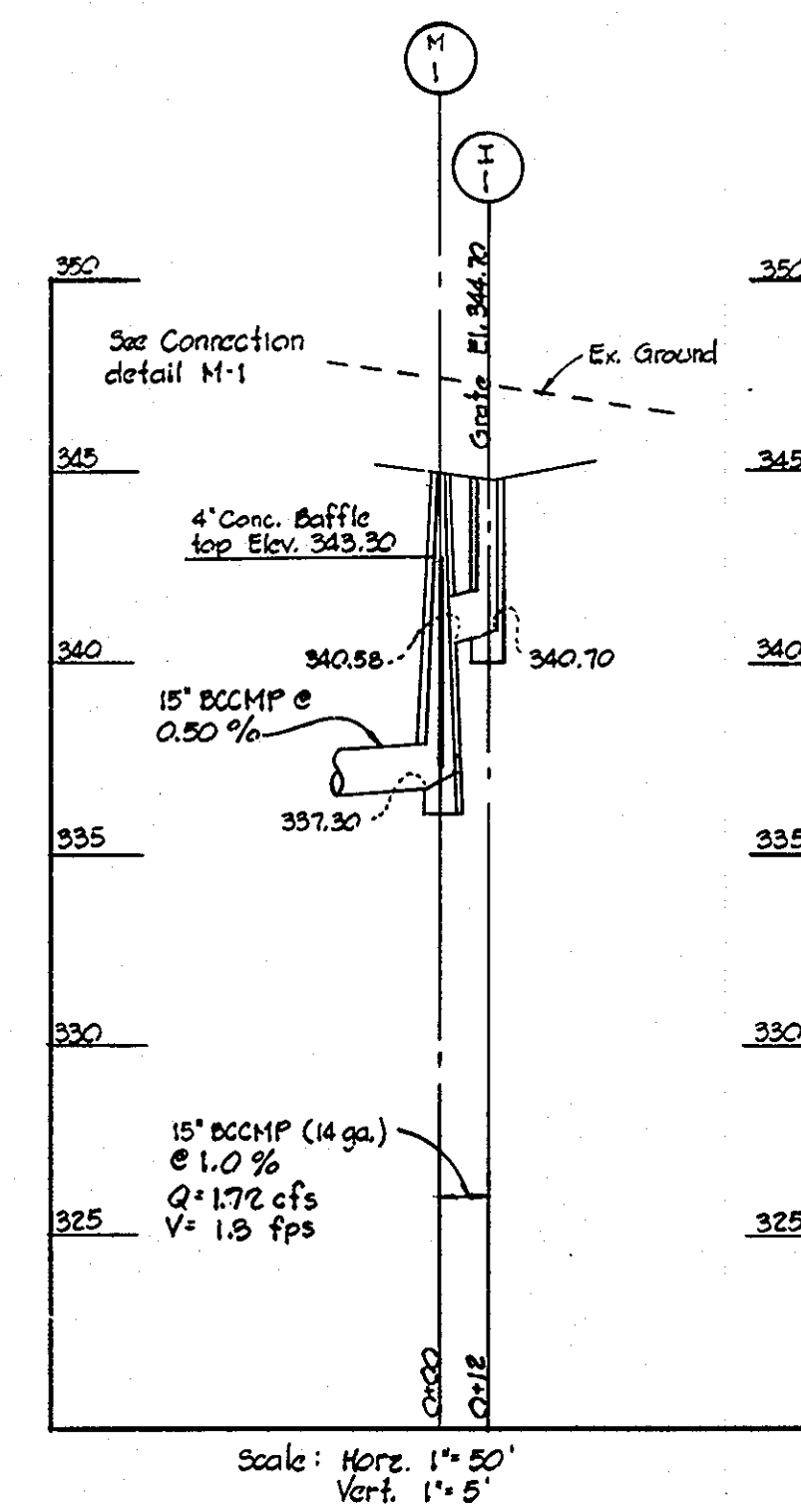
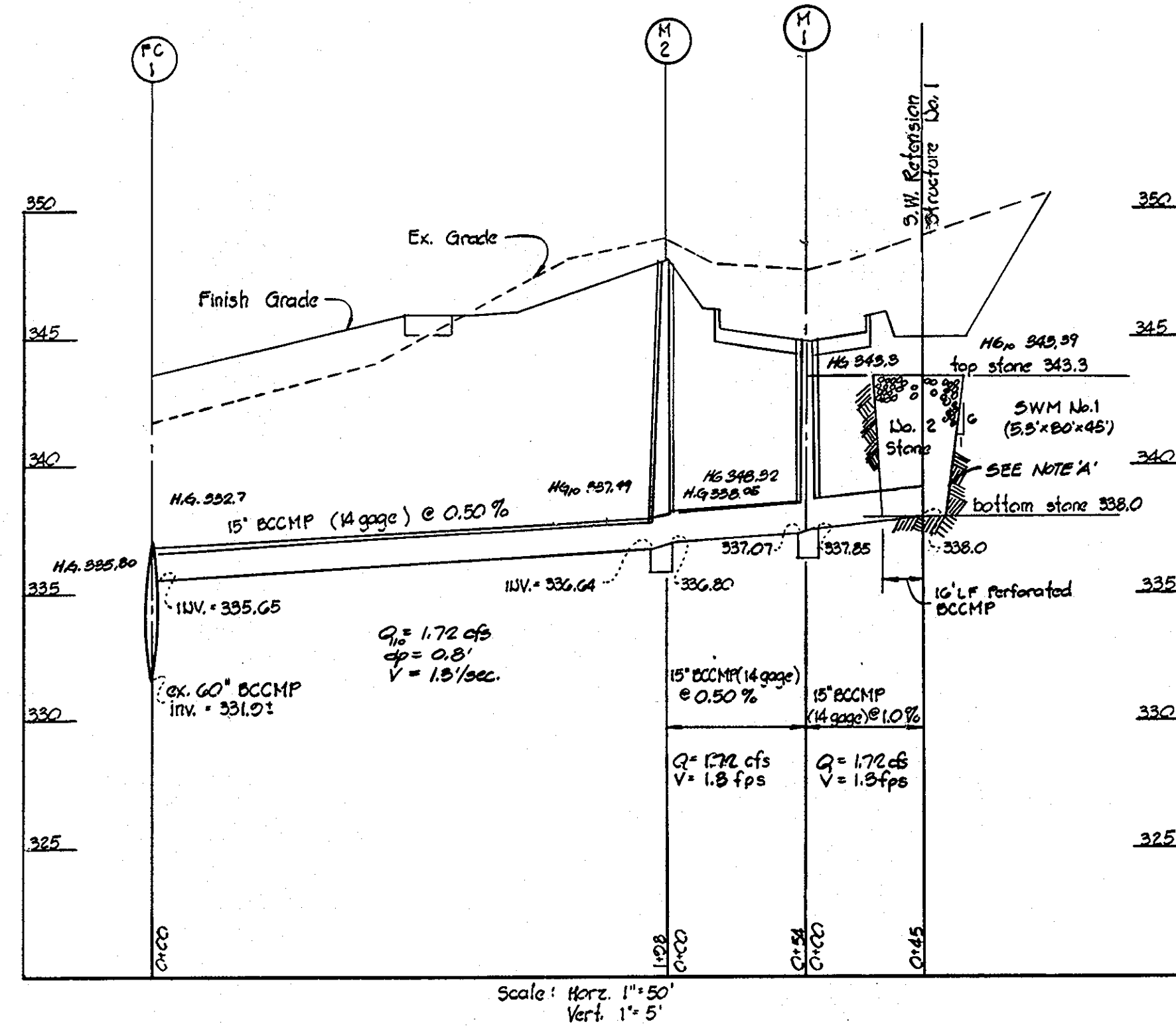
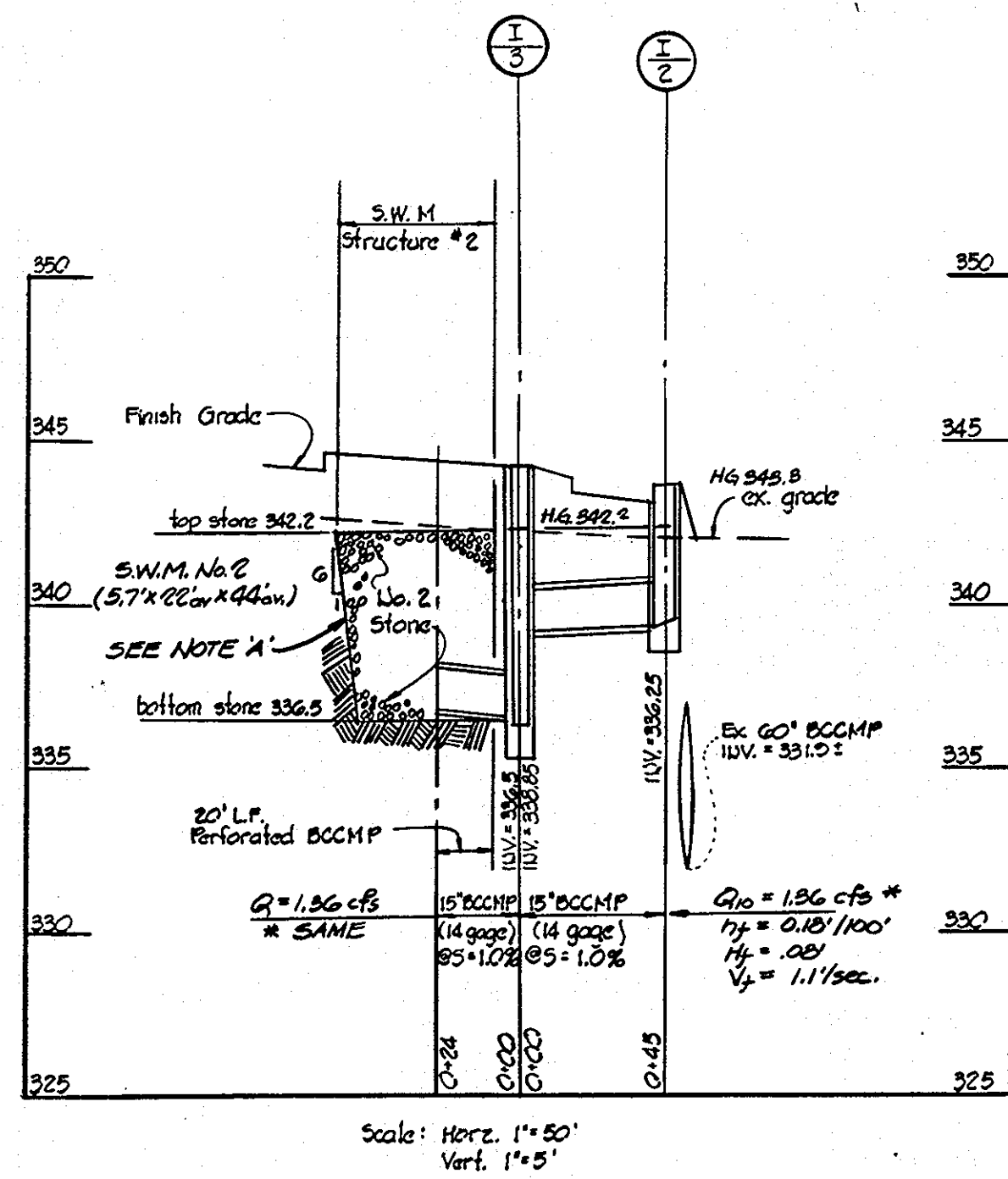
AREA: SIXTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

PROJECT: ADDITION TO ATHOLTON SHOPPING CENTER  
TITLE: DETAILS

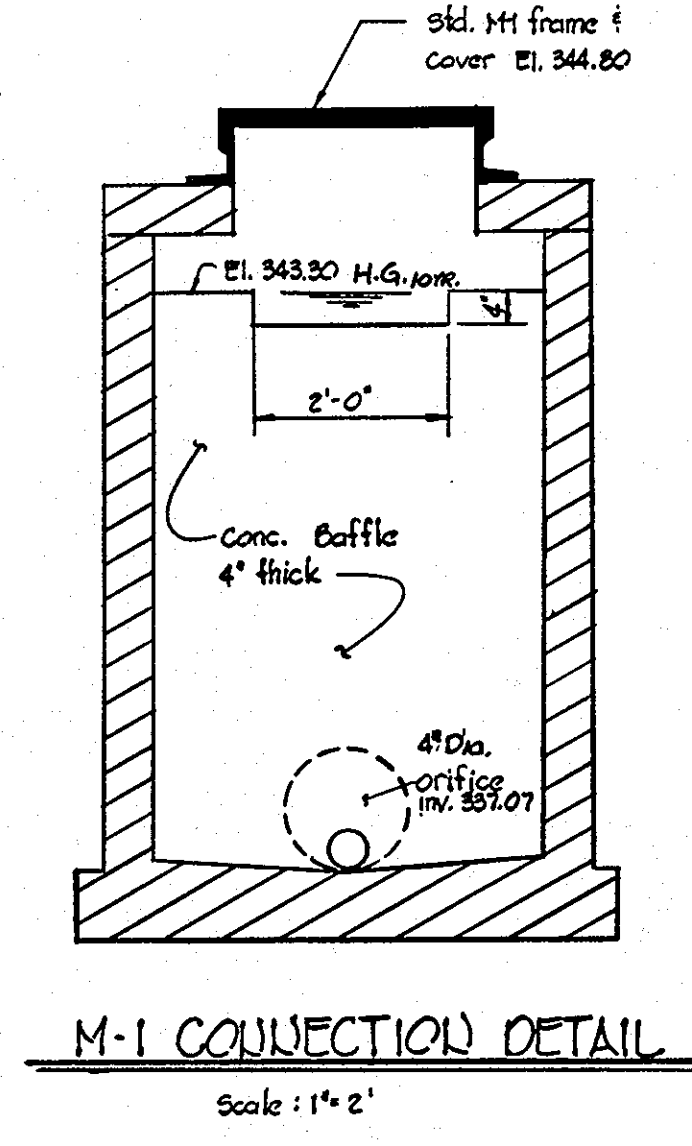
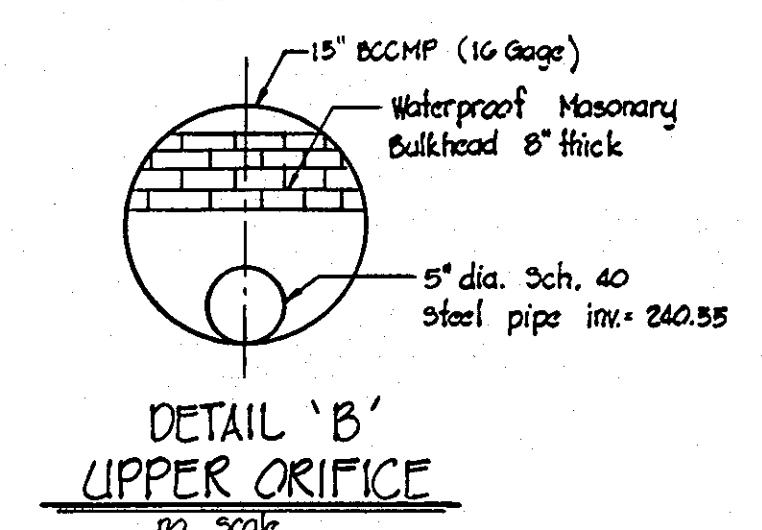
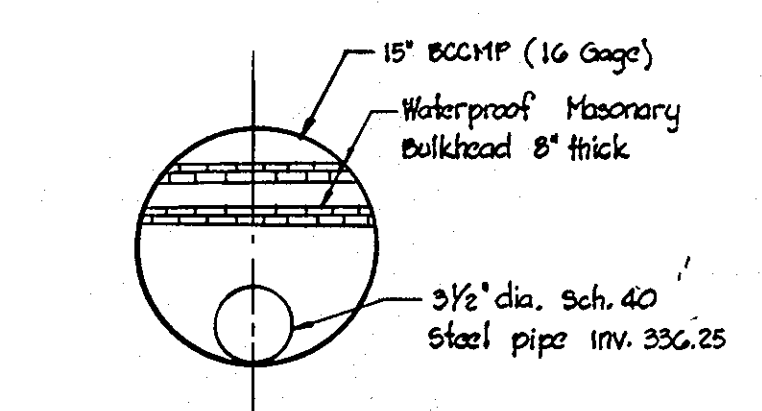
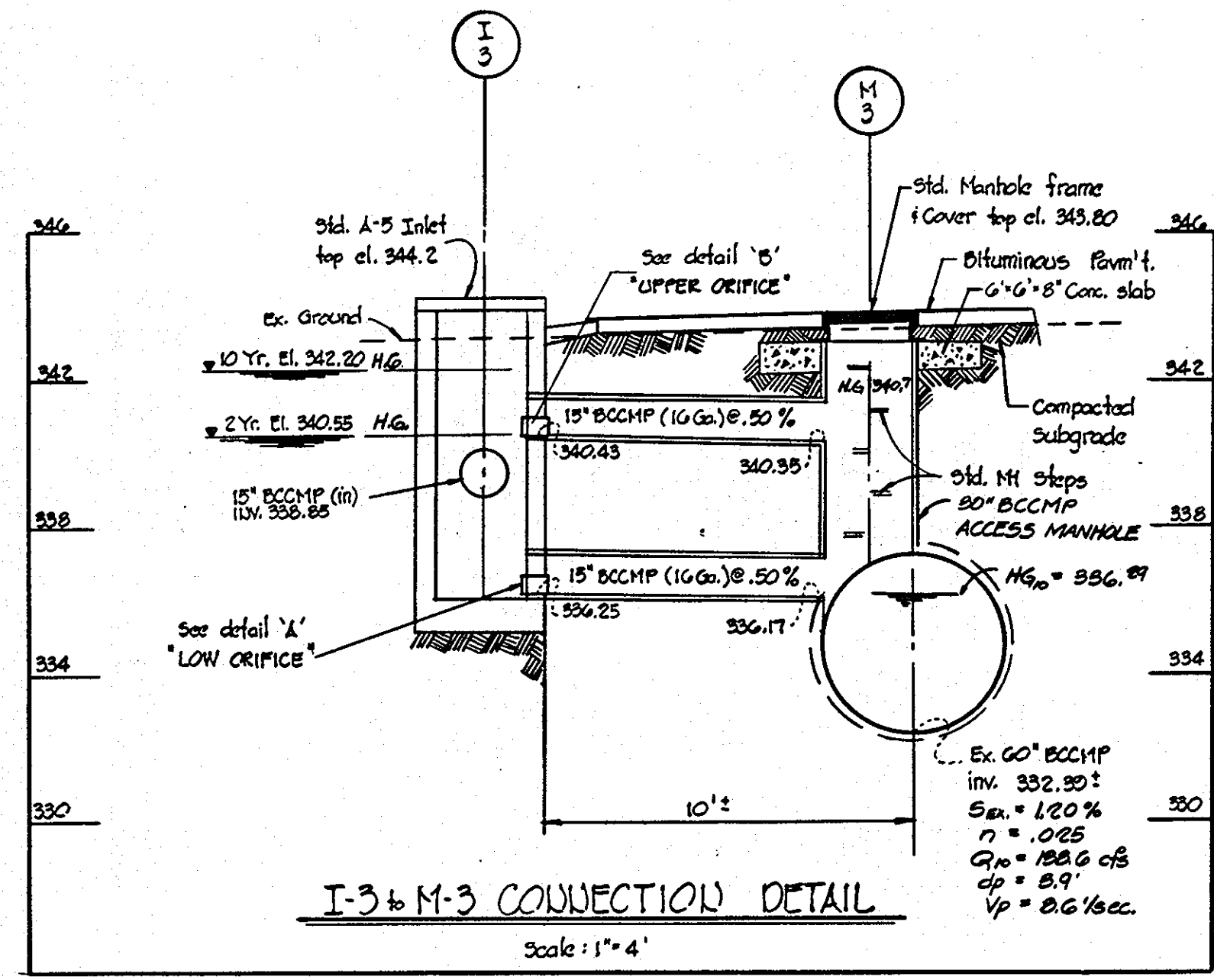
CHARLES R. CROCKEN AND ASSOCIATES INC.  
CIVIL ENGINEERING AND LAND PLANNING  
3971 PARK AVENUE ELICOTT CITY MD. 21043 465-9555

6-21-83 DATE  
TAX MAP 30142 PARCELS 336105  
DESIGNED BY: C.R.C. & T.L.P.  
DRAWN BY: T.A.P.  
PROJECT NO.: 0807  
DATE: APRIL, 1982  
SCALE: AS SHOWN  
DRAWING NO. 3 OF 5

NOTE A:  
EROSION CONTROL CLOTH POLY FILTER  
G.B. BY CARTRIDGE MILLS (OR APPROVED EQUAL)  
SHALL BE PLACED ON TOP & SIDES OF STONE.



NOTE  
CONTRACTOR SHALL  
OBTAIN HOW. CO. DFW  
APPROVAL TO RESURF  
EX. SHLDR PRIOR TO  
BEGINNING WORK.



APPROVED  
DIVISION OF LAND DEVELOPMENT &  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 9-9-82  
M.D. / J.F.D.

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
James M. Slum Director Date 7-13-83  
7-13-83  
Chief, Bureau of Engineering  
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT  
John Bayler County Health Officer Date 7-14-82  
7-14-82  
County Health Officer  
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
Planning Director Date 7-15-83  
7-15-83  
Chief, Division of Land Development and Zoning Administration

DATE	NO.	REVISION DESCRIPTION
8-27-82	1	REVISED PER HOW. CO. COMMENTS.
7-14-82	1	REVISED PER HOWARD CO. COMMENTS.

OWNER: SAME AS DEVELOPER

DEVELOPER: WILBUR L. HINKLE & EVELYN V. HINKLE  
OWNER: P.O. BOX 124 SIMPSONVILLE, MD. 21150

PROJECT: ADDITION TO  
ATHOLTON SHOPPING CENTER

AREA: SIXTH ELECTION DISTRICT  
HOWARD COUNTY, MD.

TITLE: STORM DRAIN PROFILES  
AND DETAILS

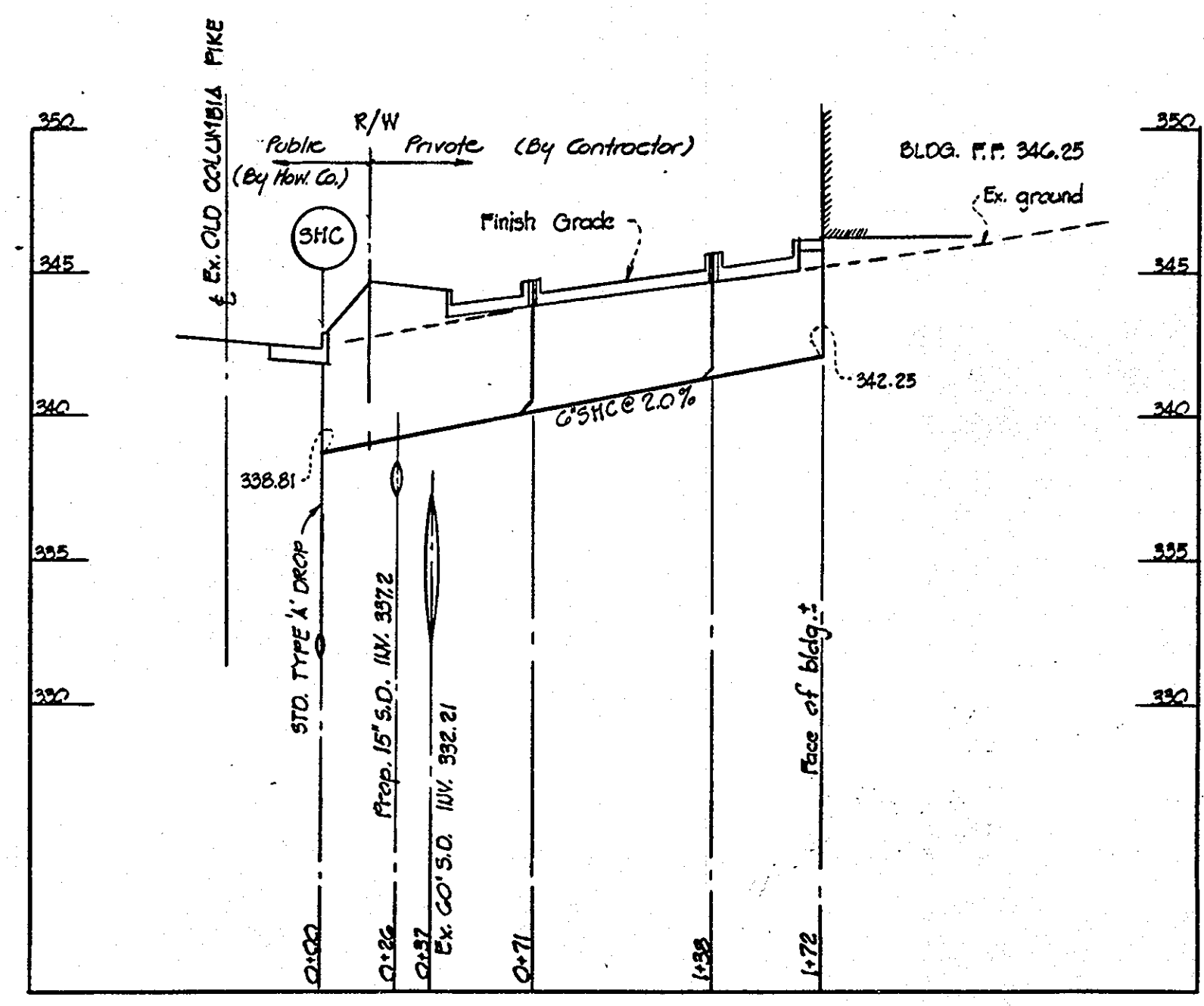
CHARLES R. CROCKEN  
AND ASSOCIATES INC.

CIVIL ENGINEERING AND LAND PLANNING  
3627 PARK AVENUE ELLICOTT CITY MD. 21043 465-3685

DATE 6-21-83  
TAX MAP 50.42 PARCELS 336.65  
DESIGNED BY: C.R.C.  
DRAWN BY: T.A.P.  
PROJECT NO: #087  
DATE: APRIL, 1982  
SCALE: AS SHOWN  
DRAWING NO 4 OF 5

Sta.	TYPE	LOCATION	Inv. In	Inv. Out	Top Elev.	DESCRIPTION
I-1	W.R. Inlet - single grate	E. Rd. Sta. 2+00.00	10' LT.	-	340.70	How. Co. Std. S.D. 4.23
M-1	4'-0" Dia. MH	E. Rd. Sta. 2+08	8' LT.	336.80	337.0	G. 5.01 *
M-2	" "	E. Ter. Turn Ext. 9+53	25' LT.	336.80	336.64	G. 5.01 *
PC-1	Field Connection			335.65	-	S.D. 2.01
I-2	4'-10" Inlet	E. Rd. Sta. 2+25	12' RT.	-	338.50	S.D. 4.01
I-3	4'-5" Inlet	E. Rd. Sta. 1+80	30' LT.	336.80	336.25	S.D. 4.02
Ex	Existing Inlet	See Plan		-	344.10	345.20 rebuild as W.R. Inlet How. Co. Std. S.D. 4.23

\* NOTE: PRECAST MANHOLE STD. G-511 MAY BE USED IN LIEU OF BRICK MANHOLES.



SEDIMENT CONTROL CONSTRUCTION NOTES

GENERAL NOTES

1. A MINIMUM 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (922-2070)
2. ALL SEDIMENT CONTROL STRUCTURES WILL BE INSTALLED IN ACCORDANCE WITH "THE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS" AS PREPARED BY THE U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE.
3. SITE GRADINGS WILL BEGIN ONLY AFTER ALL PERIMETER SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED AND ARE IN A FUNCTIONING CONDITION.
4. ALL DISTURBED AREAS ARE TO BE DRESSED AND STABILIZED ACCORDING TO THE TEMPORARY OR PERMANENT SEEDING SCHEDULES AS SOON AS PROPER WEATHER CONDITIONS EXIST FOR THE ESTABLISHMENT OF A PERMANENT VEGETATIVE COVER.
5. SEDIMENT WILL BE REMOVED FROM TRAP WHEN THE DEPTH REACHES THE CLEAN OUT ELEVATION SHOWN ON THE PLANS.
6. FERTILIZER AND LIME RATES MAY BE CHANGED THROUGH AUTHORIZATION BY THE HOWARD SOIL CONSERVATION DISTRICT IF SOIL TESTS DETERMINE A REDUCTION IN THE SPECIFIED RATES IS JUSTIFIED.
7. ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
8. REFERENCES CALLED FOR ON THE SEDIMENT CONTROL CONSTRUCTION PLAN AND DETAILS ARE MADE TO "THE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS".

TEMPORARY SEEDING

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

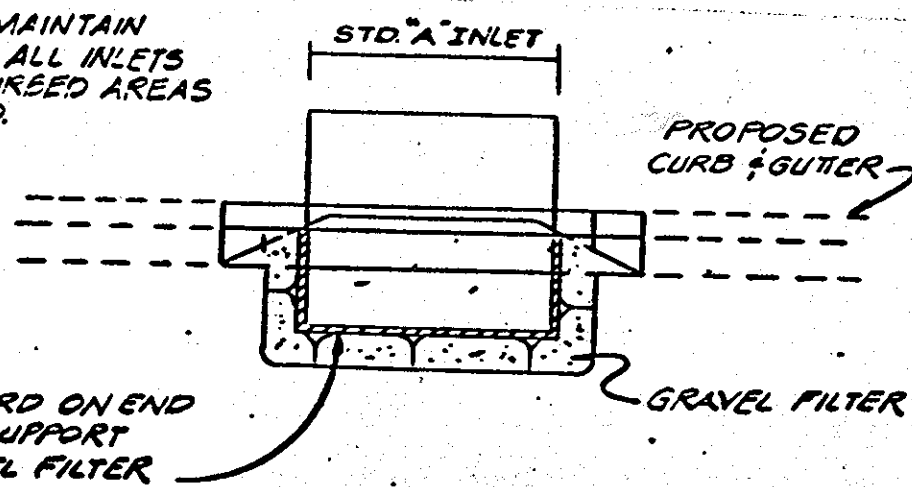
1. APPLY 10-20-10 FERTILIZER (OR EQUIVALENT) AT THE RATE OF 600 LBS. PER ACRE OR 15 LBS. PER 1000 SQ. FT.
2. WHERE SOIL IS KNOWN TO BE HIGHLY ACID, APPLY DOLOMITIC LIMESTONE AT THE RATE OF 1 TON PER ACRE.
3. WORK BOTH INTO SOIL AND SEED WITH CYCLONE SEEDER, DRILL, CULTIPAKER SEEDER OR HYDROSEEDER. SLURRY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

PERMANENT SEEDING

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

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

NOTE  
CONSTRUCT AND MAINTAIN  
INLET FILTER AT ALL INLETS  
UNTIL ALL DISTURBED AREAS  
ARE STABILIZED.



INLET FILTER DETAIL  
NO SCALE

SEDIMENT TRAP DATA

TRAP NO.	DISTURBED AREA	VOL. REQ'D	VOL. PROVIDED	DEPTH	ELEV. BOTTOM	CLEAN-OUT ELEV.
1	0.45 ac.	32 cu yd.	32.6 cu yd.	2'	343.2	344.2
2	1.211 ac.	81.1 cu yd.	84.4 cu yd.	5'	340.0	341.5

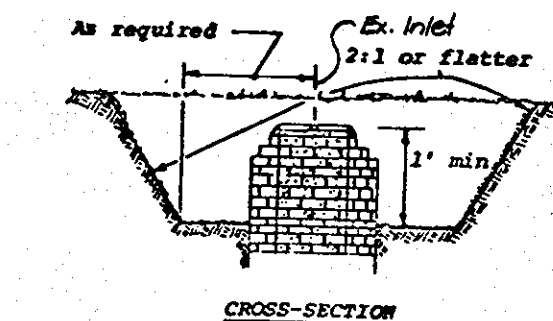
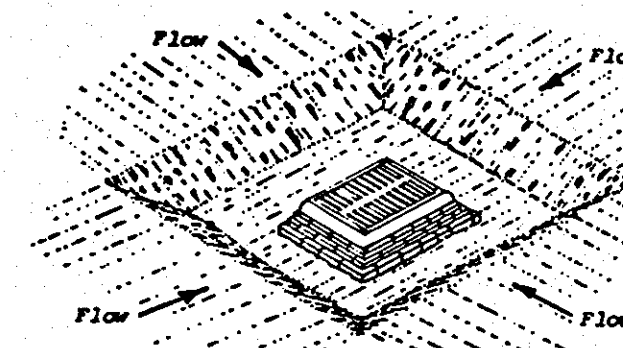
NOTE:  
CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE TO TRAPS AT ALL TIMES. WHEN ENTIRE SITE IS STABILIZED TEMPORARY TRAPS SHALL BE CLEARED OUT AND BACKFILLED & COMPACTED TO DESIGNED ELEVATIONS AND PAVED.

SEQUENCE OF CONSTRUCTION

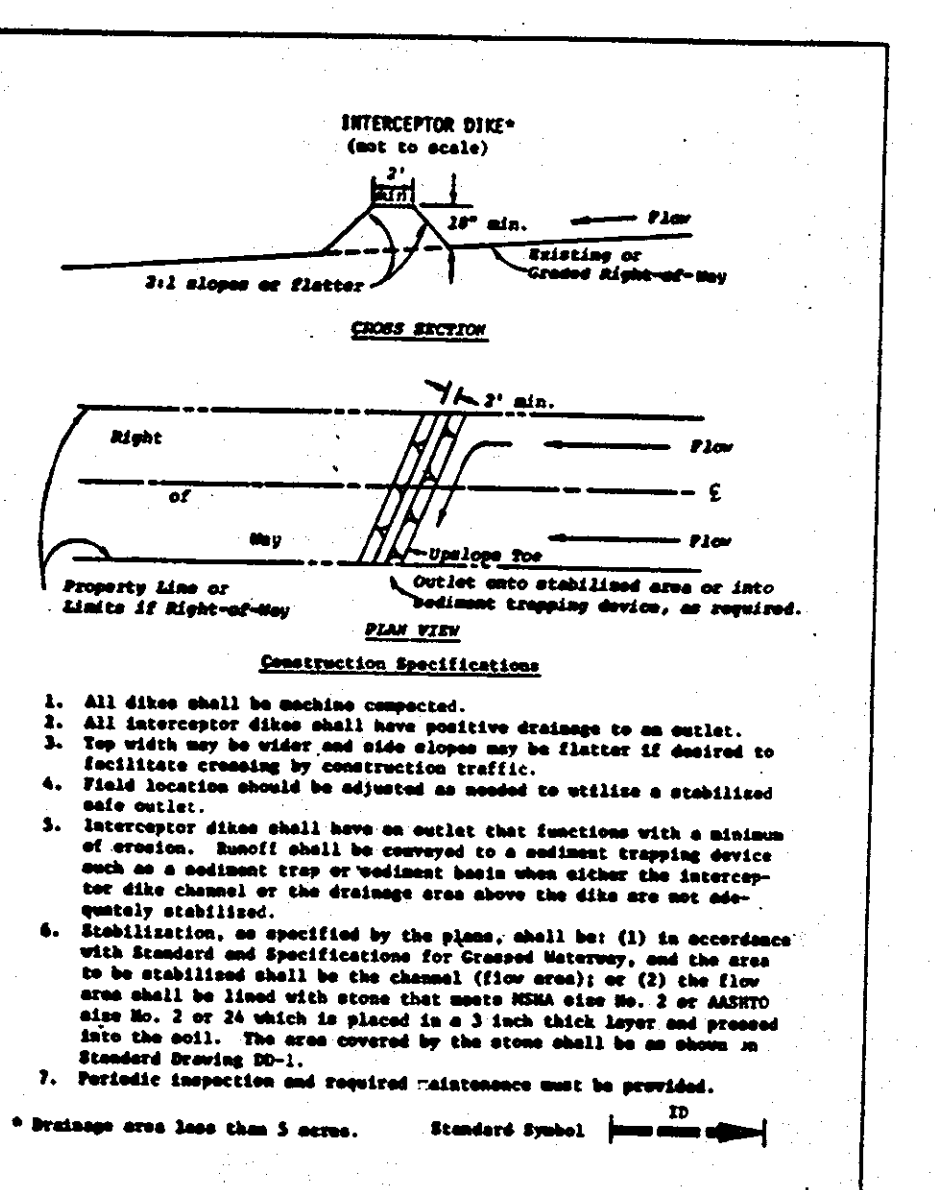
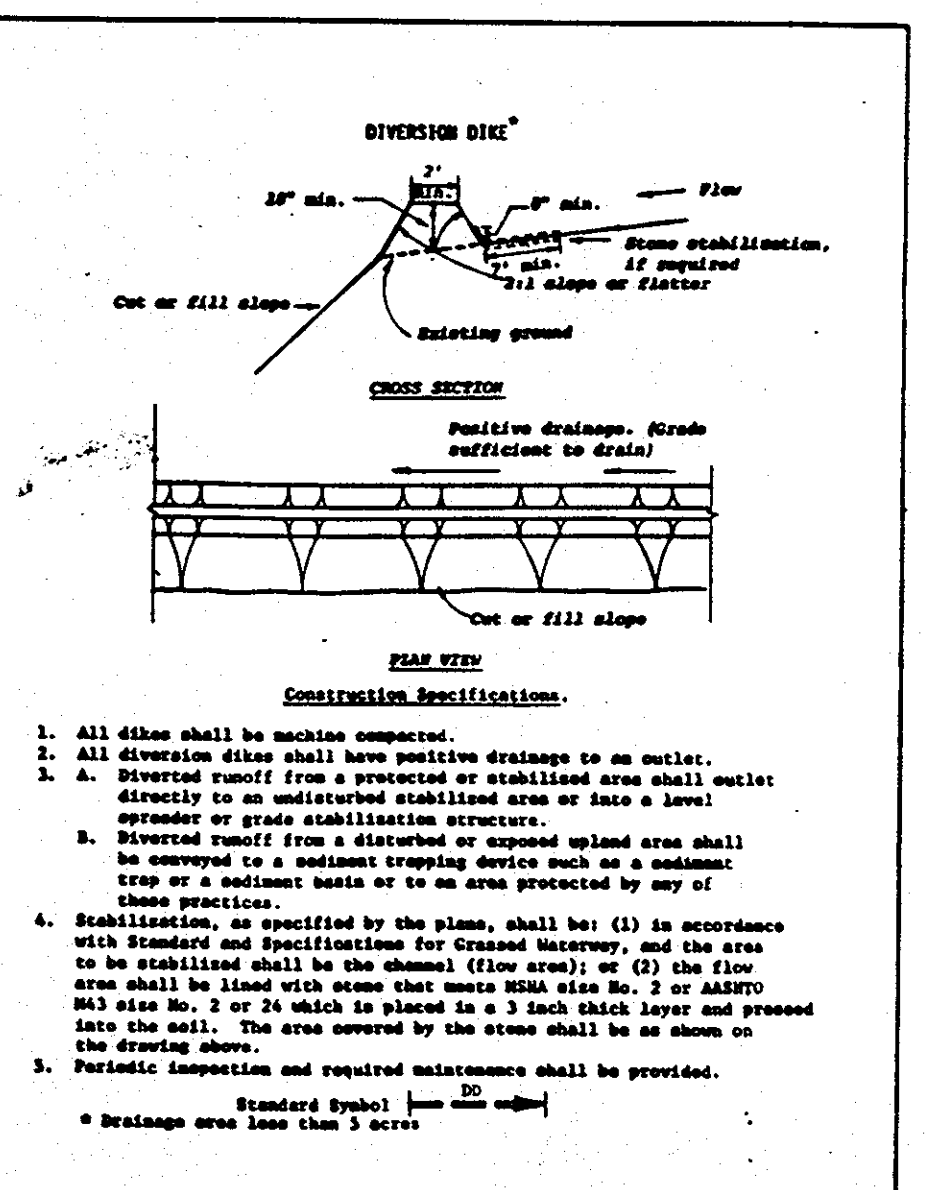
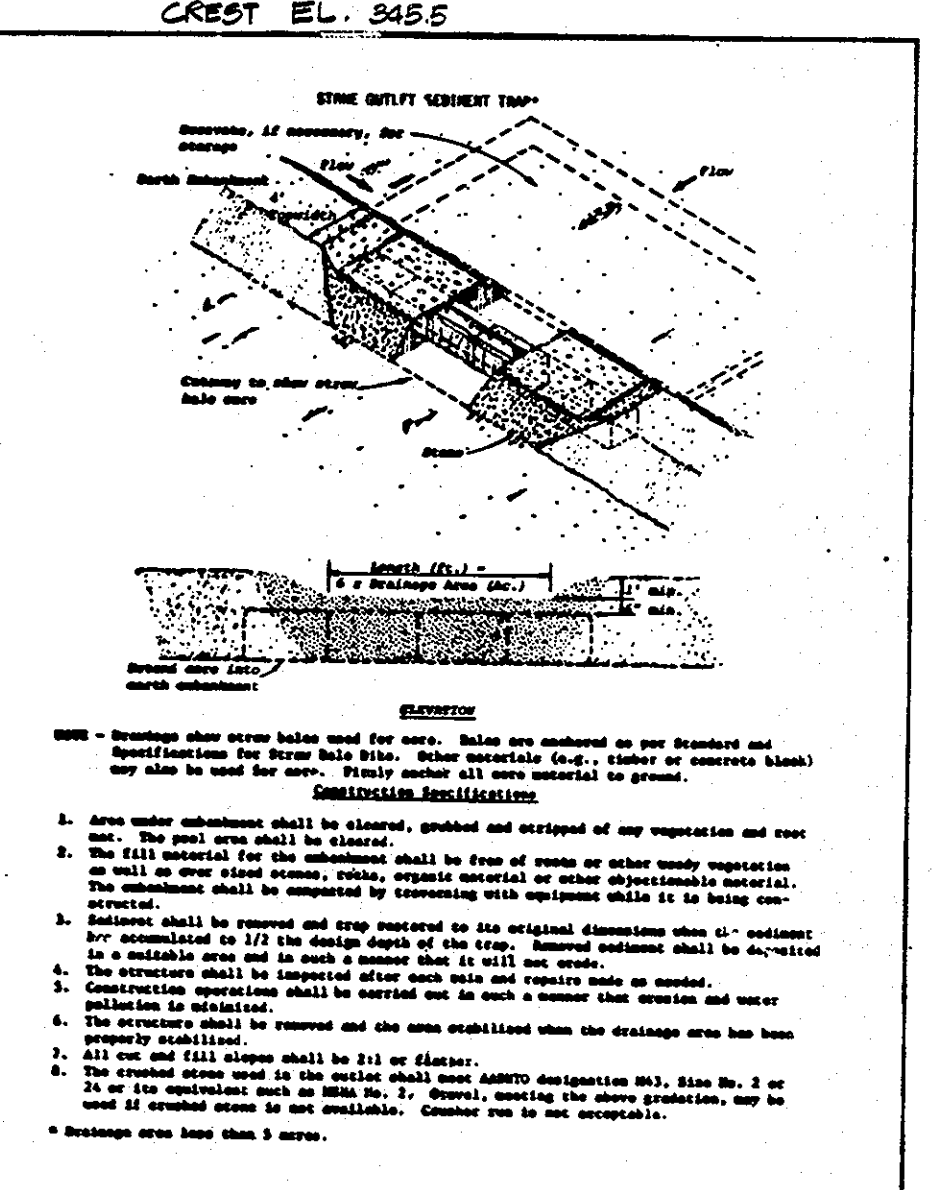
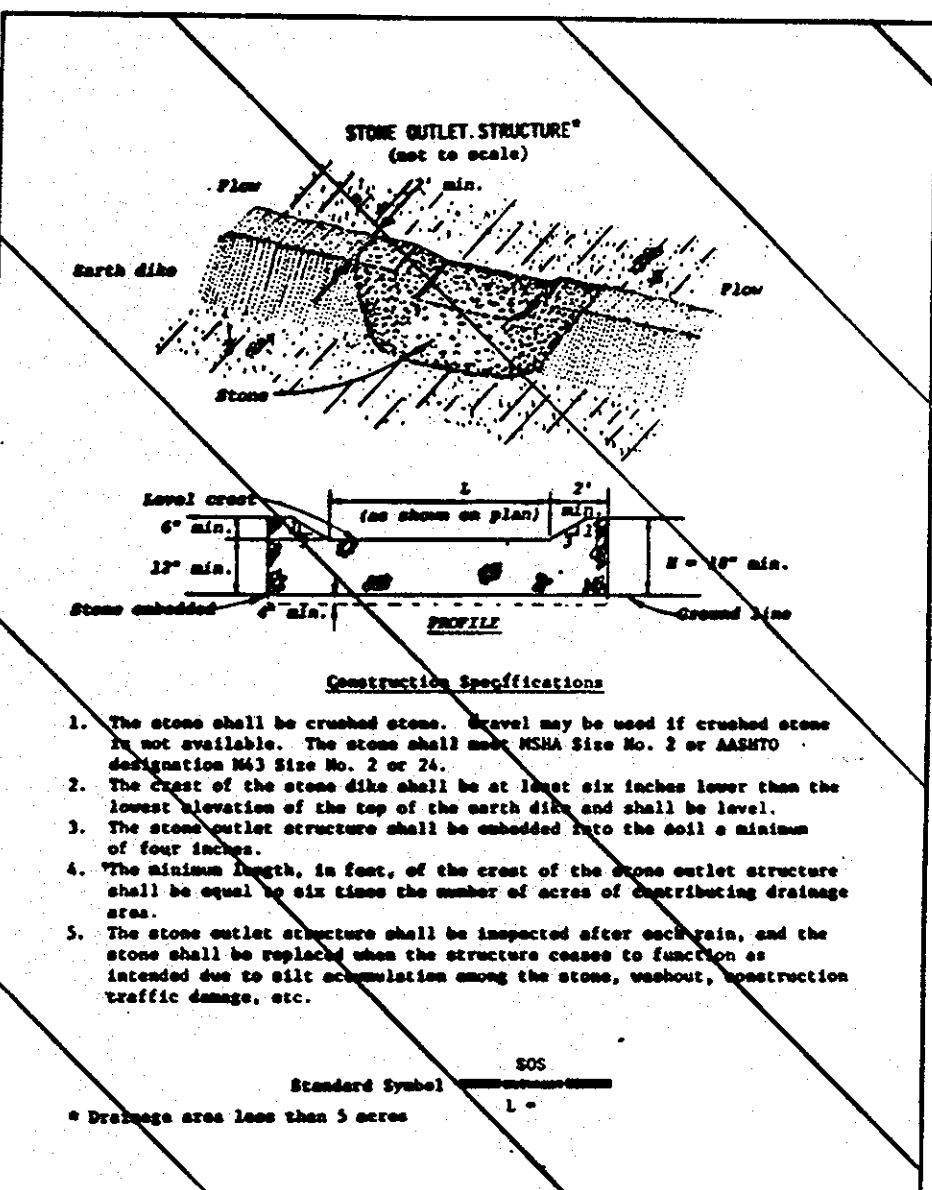
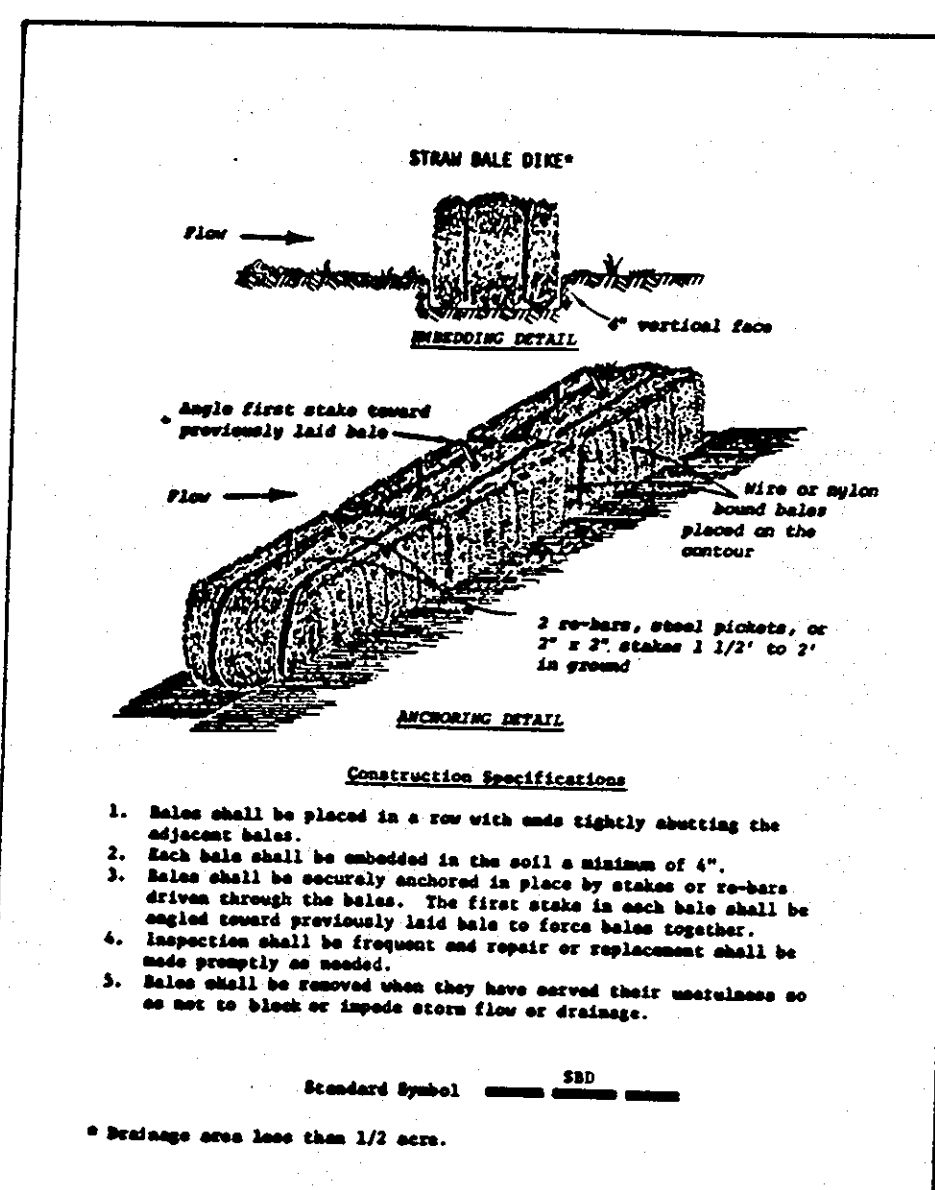
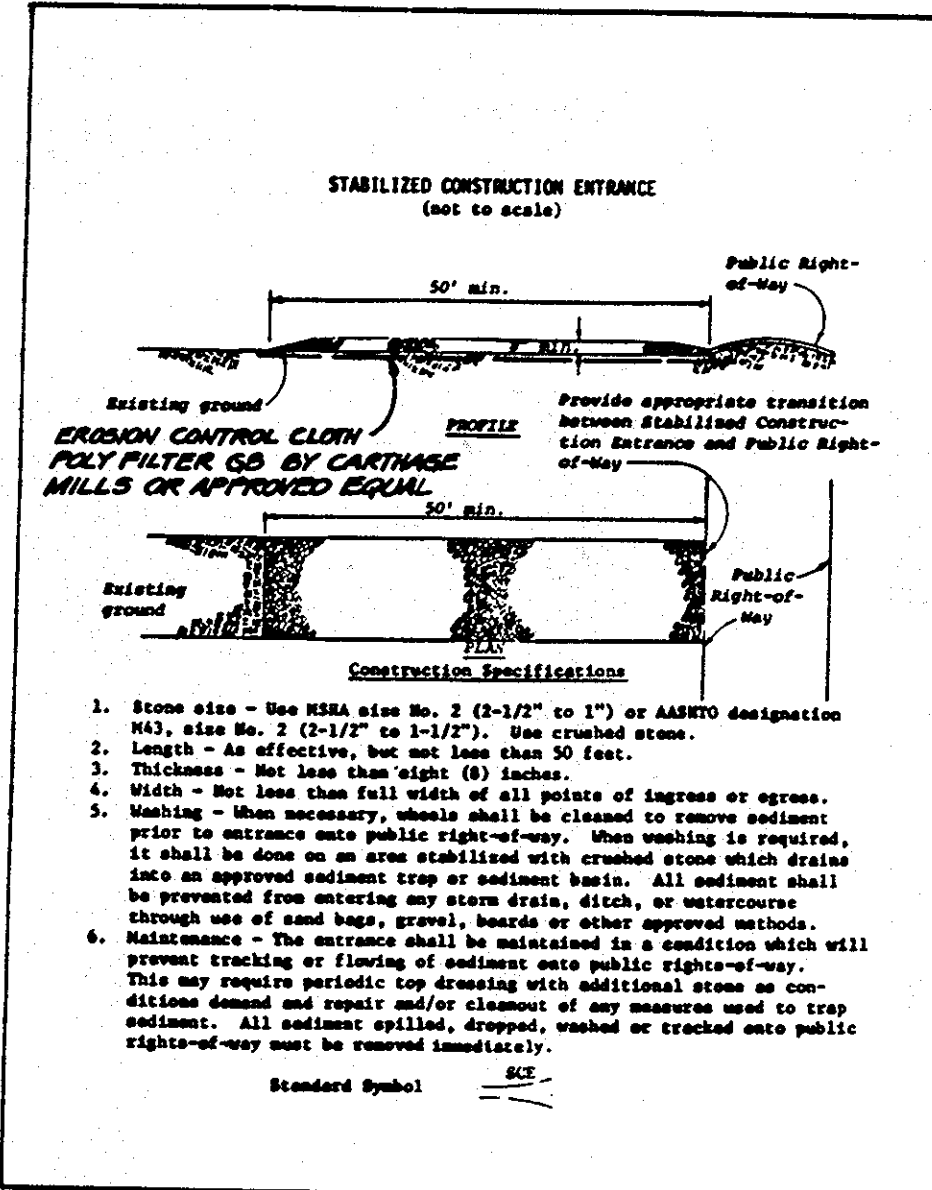
1. OBTAIN GRADING PERMIT
2. INSTALL STABILIZED CONSTRUCTION ENTRANCES
3. INSTALL SEDIMENT TRAP NO. 1 OF EXISTING INLET
4. INSTALL SEDIMENT TRAP WITH STONE OUTLET
5. INSTALL ALL PERIMETER DIKES AS SHOWN
6. PERFORM ROUGH GRADING OPERATION AND SEED PER TEMPORARY SEEDING NOTES WHERE REQUIRED
7. WHEN ENTIRE SITE IS STABILIZED REMOVE ALL TEMPORARY SEDIMENT CONTROL MEASURES INCLUDING TRAPS.
8. SEDIMENT TRAPS SHALL BE CLEARED OF ALL SILT AND BACKFILLED AND COMPACTED WITH APPROVED MATERIAL IN ACCORDANCE WITH CONSTRUCTION NOTES.

NOTE: NO STORM DRAINS SHALL BE INSTALLED UNDER THIS PERMIT. ALL SEDIMENT CONTROL DEVICES SHALL REMAIN IN PLACE AND BE MAINTAINED UNTIL SUCH TIME AS ALL GRADINGS AND STORM DRAIN CONSTRUCTION HAS BEEN COMPLETED.

STORM DRAINS AND INLETS INCL. INLET FILTERS SHALL BE INSTALLED AFTER ROUGH GRADING IS COMPLETE PRIOR TO TEMP. SEEDING.



YARD DRAIN  
SEDIMENT TRAP NO. 1



APPROVED  
DIVISION OF LAND DEVELOPMENT &  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 9-9-82  
M/S 1270

Reviewed for Howard S.C.D.  
Name  
and meets Technical Requirements.  
James M. Clark 7-12-83  
Date  
U.S. Soil Conservation Service  
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
Charles R. Crocken 7-12-83  
Date  
Howard S.C.D.

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."  
William L. Hinkle  
William L. Hinkle 4-22-82  
Charles R. Crocken 6-20-83

By the Engineer:  
"I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District."  
Charles R. Crocken 6-21-83  
Date  
Charles R. Crocken, P.E.

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
James M. Clark 7-13-83  
Director Date

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT  
James M. Clark 7-14-83  
County Health Officer Date

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
James M. Clark 7-15-83  
Planning Director Date  
Charles R. Crocken 7-15-83  
Chief, Division of Land Development and Zoning Administration Date

DATE	REV. NO.	REVISED PER	HOW. CO. COMMENTS
7-14-82	1	REVISED PER	HOWARD CO. COMMENTS

OWNER: SAME AS DEVELOPER

DEVELOPER: WILBOUR L. HINKLE & EVELYN V. HINKLE  
OWNER: P.O. BOX 124 SIMPSONVILLE, MD. 21150  
PROJECT: ADDITION TO ATHOLTON SHOPPING CENTER  
AREA: SIXTH ELECTION DISTRICT HOWARD COUNTY, MD.  
TITLE: SEDIMENT CONTROL DETAILS

CHARLES R. CROCKEN AND ASSOCIATES INC.  
CIVIL ENGINEERING AND LAND PLANNING  
2627 PARK AVENUE ELLICOTT CITY MD. 21043 465-2555  
DATE 6-21-83  
TAX MAP 30.42 PARCELS 336,05  
DESIGNED BY: C.R.C.  
DRAWN BY: T.A.P.  
PROJECT NO: '887  
DATE: APRIL, 1982  
SCALE: AS SHOWN  
DRAWING NO. 5 OF 5