

VICINITY MAP
SCALE: 1" = 1200'

VILLAGE OF HICKORY RIDGE
SECTION I AREA I
PLAT NO. 3567
ZONED NT/5/MD
A-9

NOTE:
BOUNDARY SURVEY SHOWN
PROVIDED BY VITTI, POBEL
& ASSOCIATES - DEC 22, 1987

- GENERAL NOTES:**
- TOTAL AREA OF PROPERTY: 4.06 AC. ±
 - PRESENT ZONING OF PROPERTY: RSC (PLANNED OFFICE RESEARCH)
 - SEE REFERENCE: LINES 374/375/376
 - PUBLIC WATER AND PUBLIC SEWERAGE IS AVAILABLE FOR THE PROPERTY. PROPERTY IS LOCATED ON THE MAP 35, PARCELS 43.
 - THIS SITE DEVELOPMENT PLAN IS SUBJECT TO PREVIOUS SUBMISSIONS 3-84-87. PLANNING BOARD CASE NO. 191-ALSO SUBJECT TO UP-TO-DATE SITE ANALYSIS:
 - TOTAL AREA OF DEVELOPER: OFFICE AND RETAIL SALES
 - INTERESTED USE OF STRUCTURES: OFFICE AND RETAIL SALES
 - TOTAL AREA OF DEVELOPER: 25,444 S.F. OR 0.582 (14% COVERAGE)
 - TOTAL FLOOR AREA: 50,888 S.F.
 - BUILDING NO. 11
 - TOTAL FLOOR AREA: 50,888 S.F.
 - MAIN FLOOR AREA: 15,444 S.F.
 - TOTAL RETAIL SALES FLOOR AREA (25% OF MAIN FLOOR): 15,444 S.F. ± 364 S.F.
 - TOTAL OFFICE FLOOR AREA: 35,444 S.F.
 - BUILDING NO. 12
 - TOTAL FLOOR AREA: 28,200 S.F.
 - MAIN FLOOR AREA: 10,000 S.F.
 - TOTAL RETAIL SALES FLOOR AREA (25% OF MAIN FLOOR): 10,000 S.F. ± 250 S.F.
 - TOTAL OFFICE FLOOR AREA: 18,200 S.F.
 - TOTAL NUMBER OF SPACES REQUIRED: 165 SPACES
 - OFFICE (17 SPACES) (OFFICE) 17 SPACES
 - TOTAL NUMBER OF EMPLOYEES 110 (10-HOUR) (77)
 - RETAIL SALES (13 SPACES) (S.F. FLOOR AREA) 32 SPACES (361 S.F. ± 200 ± 32)
 - TOTAL NUMBER OF SPACES PROVIDED: 174 SPACES
 - STANDARD: 174
 - HANDICAPPED:
 - OPEN SPACE (GREEN AREA):
 - OPEN SPACE REQUIRED (20% MIN.): 0.81 AC. ±
 - OPEN SPACE PROVIDED: 1.23 AC. ± (30%)
 - LANDSCAPED ISLANDS:
 - TOTAL AREA OF PARKING LOT: 2.23 AC. ±
 - LANDSCAPED ISLANDS REQUIRED (15% MIN.): 4900 S.F.
 - LANDSCAPED ISLANDS PROVIDED: 15000 S.F. ± (15,381)
 - TEMPORARY STORMWATER MANAGEMENT IS PROVIDED FOR THIS SITE UNDER 02-87-60.
 - WETLANDS ANALYSIS OF THIS SITE WAS PROVIDED UNDER 07-87-60. NO WETLANDS OR WETLANDS PERMITS ARE REQUIRED.
 - THE CONTRACTOR SHALL NOTIFY THE HOWARD COUNTY CONSTRUCTION INSPECTION/SURVEY DIVISION 24 HOURS PRIOR TO COMMENCEMENT OF WORK AT 992-2437.
 - 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 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 THEREBY OR EXCAVATING IN THE AREA THEREOF.
 - THE CONTRACTOR SHALL NOTIFY WES UTILITIES 559-9100 A MINIMUM OF THREE DAYS PRIOR TO BEGINNING ANY CONSTRUCTION SHOWN HEREON.
 - SEE ARCHITECTURAL DRAWINGS FOR BUILDING DIMENSIONS.

OWNER/DEVELOPER
HICKORY PLAZA ASSOCIATES
TIBER PLACE
8807 MAIN STREET
BELLICOTT CITY, MARYLAND 21043
(801) 465-5855

SITE DEVELOPMENT PLAN
HICKORY PLAZA
TAX MAP 25 PARCEL 45
5TH. ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 30'
SHEET 1 OF 7
SDP 87-248

3-2-88
AKS

Dewberry & Davis
ARCHITECTS-ENGINEERS-PLANNERS-SURVEYORS
8800 N. RIDGE ROAD
BELLICOTT CITY MD. 21048
TEL. (301) 461-7470

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.

5/16/88
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 ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

6/10/87
DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

U.S. SOIL CONSERVATION SERVICE
DATE: 5/13/88

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

APPROVED:
DATE: 5/26-88

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

DIRECTOR, PUBLIC WORKS
DATE: 5-17-88

CHIEF, BUREAU OF ENGINEERING
DATE: 5-17-88

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

HEALTH OFFICER
DATE: 5-26-88

APPROVED: OFFICE OF PLANNING AND ZONING

PLANNING DIRECTOR
DATE: 5-24-88

CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT
DATE: 5/23/88

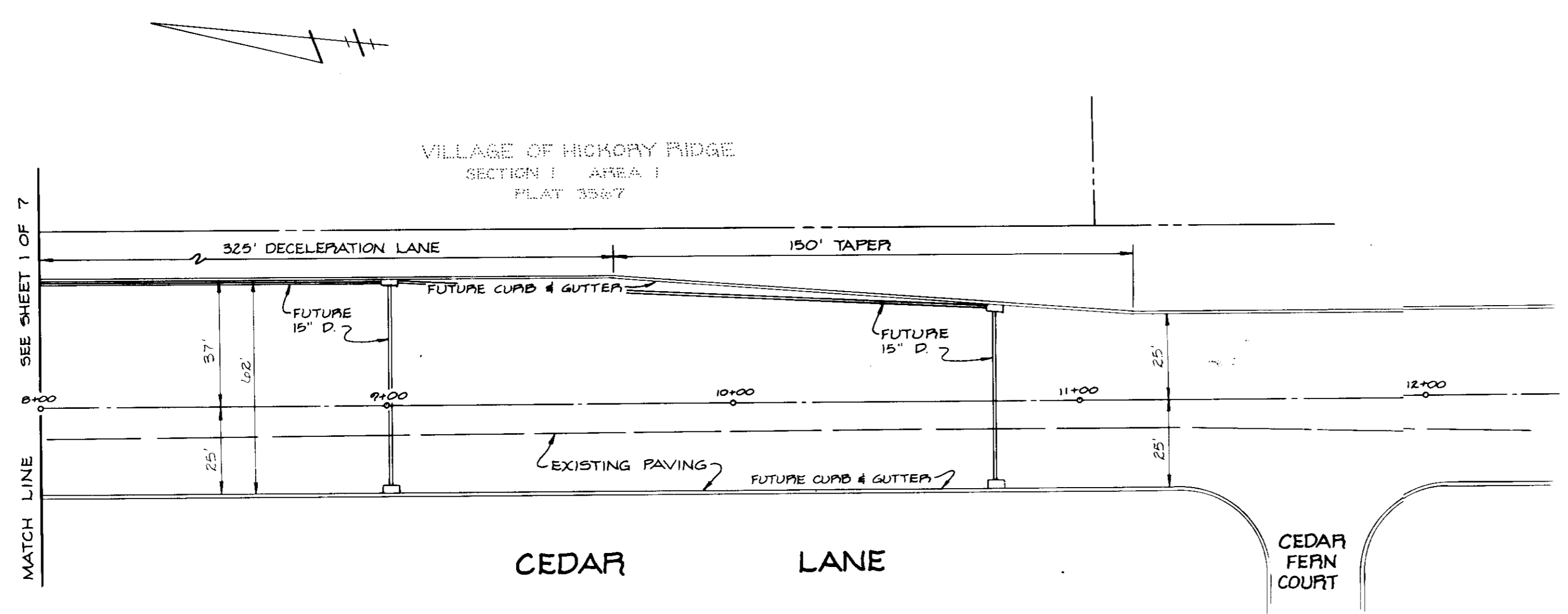
PROPERTY NAME: HICKORY PLAZA
SECTION/AREA: 5
WATER CODE: 107
SEWER CODE: 5327500

ADDRESS CHART

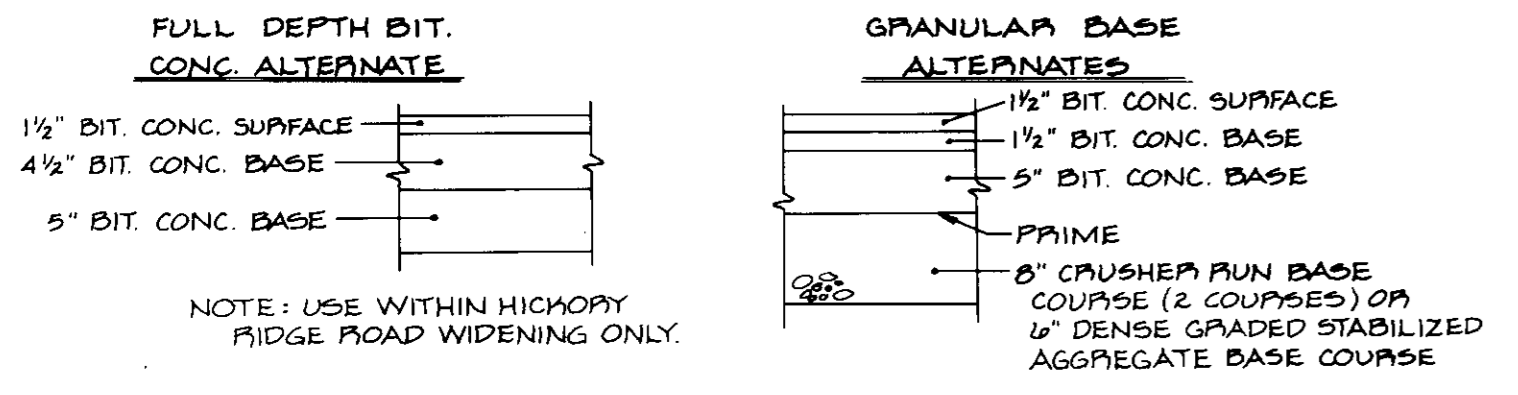
BUILDING NO.	STREET ADDRESS
BLDG 1	10805 HICKORY RIDGE ROAD
BLDG 2	10801 HICKORY RIDGE ROAD

REVISIONS

BY	DATE	REVISION
DMP	4/7/88	ADD ROOF DRAIN LOCATIONS

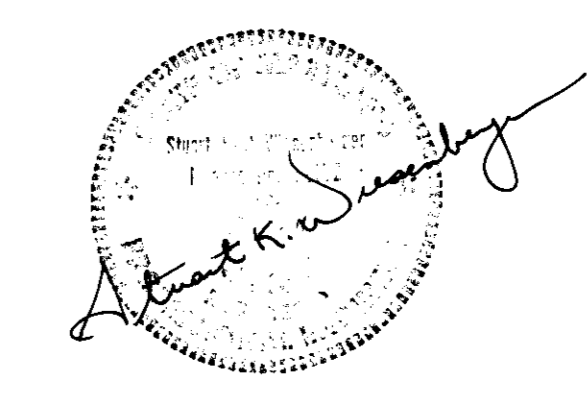


PLAN
SCALE: 1" = 30'



P-5 PAVING SECTION
NOT TO SCALE

3-2-88
LKS



OWNER/DEVELOPER
HICKORY PLAZA ASSOCIATES
TIBER PLACE
8807 MAIN STREET
ELLCOTT, CITY, MARYLAND 21043
(301) 465-5855

Dewberry & Davis ARCHITECTS ENGINEERS PLANNERS SURVEYORS 3300 N. Ridge Road Suite 100 Ellicott City, Maryland 21043 (301) 461-7478 BALTIMORE (301) 621-4970 WASHINGTON	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 REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT. SIGNATURE OF ENGINEER: <i>Albert K. W...</i> DATE: 5/10/88	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 AS 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 OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY." SIGNATURE OF DEVELOPER: <i>Paul D. Reid</i> DATE: 1/11/88	REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS. SIGNATURE: <i>James M. H...</i> DATE: 5/12/88 U.S. SOIL CONSERVATION SERVICE	APPROVED: OFFICE OF PLANNING AND ZONING SIGNATURE: <i>U...</i> DATE: 5-14-88 PLANNING DIRECTOR	APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS. SIGNATURE: <i>...</i> DATE: 5-17-88 DIRECTOR, PUBLIC WORKS	CEDAR LANE WIDENING HICKORY PLAZA TAX MAP 55 PARCEL 45 5 TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND JAN. 6, 1985 SHEET 2 OF 7 SCALE: AS SHOWN S.D.P. - 87-248
	APPROVED: DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT SIGNATURE: <i>...</i> DATE: 5-23-88	APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS. SIGNATURE: <i>Joyce M. ...</i> DATE: 5-20-88 HEALTH OFFICER	CHIEF, BUREAU OF ENGINEERING SIGNATURE: <i>...</i> DATE: 5-17-88	APPROVED: SIGNATURE: <i>...</i> DATE: 5-11-88 HOWARD SOIL CONSERVATION DISTRICT	APPROVED: SIGNATURE: <i>...</i> DATE: 5-20-88 HEALTH OFFICER	SUBDIVISION NAME: HICKORY PLAZA SECTION/AREA: PARCEL NUMBER: 45 PLAT NO.: 278/153 BLOCK NO.: 5 ZONE: POP. TAX/ZONE: 35 ELEC. DIST.: 5 TH CENSUS TR.: 4025.02 WATER CODE: 107 SEWER CODE: 5327300

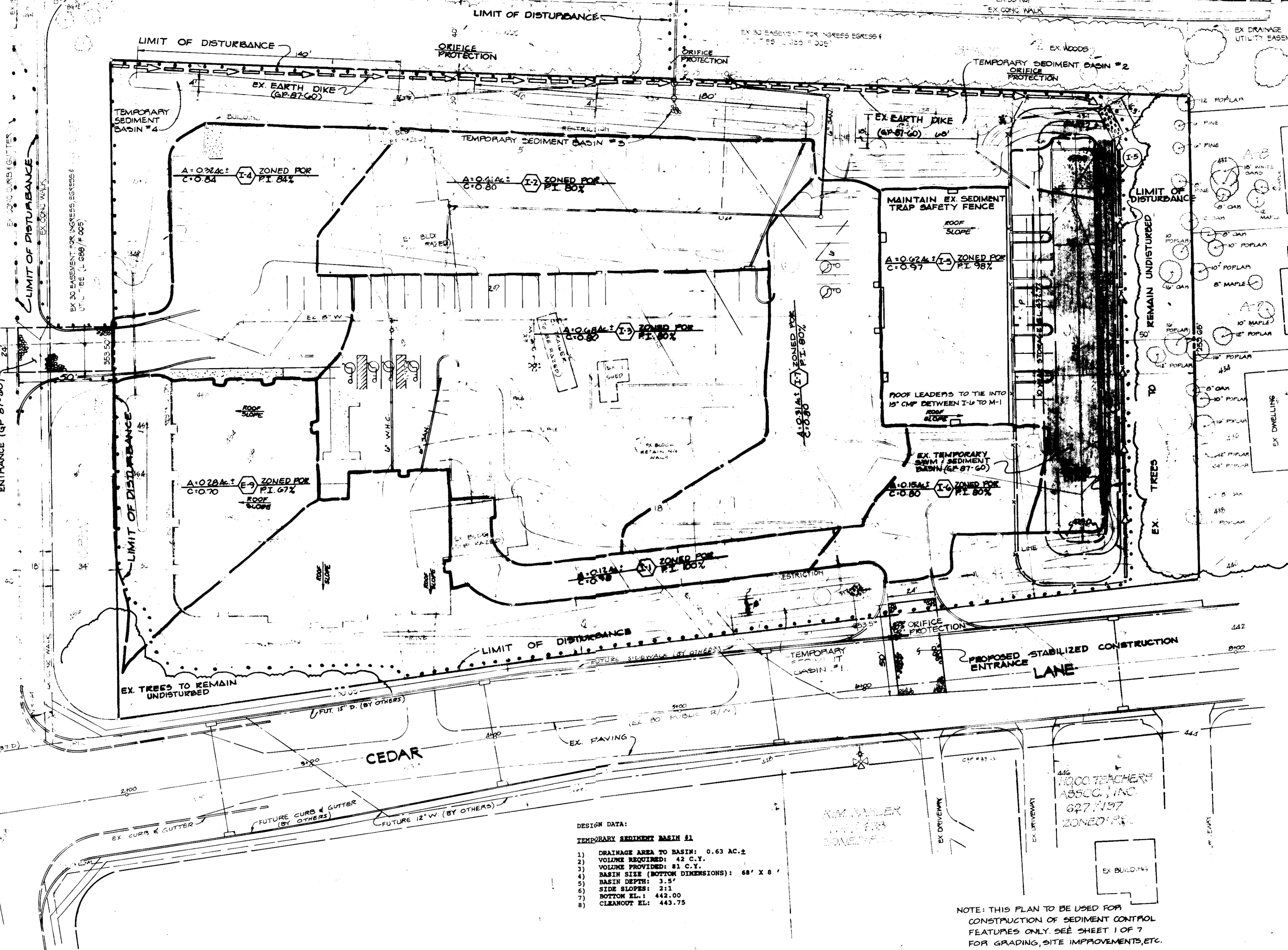
DESIGN DATA:
TEMPORARY SEDIMENT BASIN #4
 1) DRAINAGE AREA TO BASIN: 0.80 AC.±
 2) VOLUME REQUIRED: 54 C.Y.
 3) VOLUME PROVIDED: 121 C.Y.
 4) BASIN SIZE (BOTTOM DIMENSIONS): 140' X 4'
 5) BASIN DEPTH: 3.8'
 6) SIDE SLOPES: 2:1
 7) BOTTOM EL.: 438.00
 8) CLEANOUT EL.: 435.40

SUNNY

DESIGN DATA:
TEMPORARY SEDIMENT BASIN #1
 1) DRAINAGE AREA TO BASIN: 1.17 AC.±
 2) VOLUME REQUIRED: 78 C.Y.
 3) VOLUME PROVIDED: 181 C.Y.
 4) BASIN SIZE (BOTTOM DIMENSIONS): 180' X 4'
 5) BASIN DEPTH: 3.75'
 6) SIDE SLOPES: 2:1
 7) BOTTOM EL.: 434.00
 8) CLEANOUT EL.: 435.88

SPRING

DESIGN DATA:
TEMPORARY SEDIMENT BASIN #2
 1) DRAINAGE AREA TO BASIN: 1.18 AC.±
 2) VOLUME REQUIRED: 79 C.Y.
 3) VOLUME PROVIDED: 192 C.Y.
 4) BASIN SIZE (BOTTOM DIMENSIONS): 68' X 18'
 5) BASIN DEPTH: 3.5'
 6) SIDE SLOPES: 2:1
 7) BOTTOM EL.: 432.00
 8) CLEANOUT EL.: 433.75



DESIGN DATA:
TEMPORARY TRAP #1 (GP 87-60)
 1. DRAINAGE AREA TO TRAP: 0.06 AC.±
 2. TYPE OF TRAP: STORM OUTLET
 3. VOLUME OF STORAGE REQUIRED: 0.655 AC.FT.
 4. TRAP SIZE (BOTTOM DIMENSIONS): 20' X 12"
 5. TRAP DEPTH: 3.75'
 6. SIDE SLOPES: 2:1
 7. WELL LENGTH: 15'
 8. WELL CHEST EL.: 432.00
 9. TOP EMBANKMENT EL.: 438.00
 10. BOTTOM EL.: 438.00
 11. CLEANOUT EL.: 439.47
 12. OUTLET LENGTH: 17'
 13. 10-YEAR STORAGE EL.: 432.72

3-2-88
 LKS

DESIGN DATA:
TEMPORARY SEDIMENT BASIN #1
 1) DRAINAGE AREA TO BASIN: 0.63 AC.±
 2) VOLUME REQUIRED: 42 C.Y.
 3) VOLUME PROVIDED: 81 C.Y.
 4) BASIN SIZE (BOTTOM DIMENSIONS): 68' X 8'
 5) BASIN DEPTH: 3.5'
 6) SIDE SLOPES: 2:1
 7) BOTTOM EL.: 442.00
 8) CLEANOUT EL.: 443.75

NOTE: THIS PLAN TO BE USED FOR CONSTRUCTION OF SEDIMENT CONTROL FEATURES ONLY. SEE SHEET 1 OF 7 FOR GRADING, SITE IMPROVEMENTS, ETC.

- CONSTRUCTION SEQUENCE
- OBTAIN GRADING PERMIT.
 - IMPACT EXISTING SEDIMENT CONTROL FEATURES CONSTRUCTED UNDER GP-87-60. MAKE ANY NECESSARY REPAIRS TO EXISTING FEATURES AS NECESSARY.
 - CONSTRUCT PROPOSED STABILIZED CONSTRUCTION ENTRANCE AT CEDAR LANE ENTRANCE.
 - BEGIN CONSTRUCTION OF ON-SITE UTILITIES. BEGIN CONSTRUCTION OF SW FOUNDS. EXCAVATE ALL SW FOUNDS REQUIRED DIMENSIONS. INSTALL STORMWATER MANAGEMENT STRUCTURES AT ALL FOUNDS.
 - INSTALL OFFICE PROTECTION AT ALL SW FLOW PIPES. INSTALL RIPRAP APRONS AT E-1 AND E-2.
 - ONCE STORMWATER MANAGEMENT FOUNDS ARE IN PLACE WITH OFFICE PROTECTION, BEGIN PRELIMINARY EXISTING TEMPORARY STORMWATER MANAGEMENT FOUNDS AND SEDIMENT BASINS. (GP-87-60)
 - AFTER PERMITTING HAS BEEN REVIEWED BY THE SEDIMENT CONTROL INSPECTOR BACKFILL PERMITTING SHEDS AND REINFORCE WITH PERMANENT SEDIMENT MIXTURE AND STRAP BELLS.
 - BEGIN BUILDING CONSTRUCTION. CONSTRUCT CURBS AND GUTTERS, AND INSTALL BASE COURSE. FINE GRASS LANDSCAPE AREAS.
 - SEDIMENT MIXTURE BE REMOVED FROM THE SEDIMENT BASINS WHEN THE CLEANOUT ELEVATION HAS BEEN REACHED.
 - THE CONTRACTOR SHALL IMPROVE AND PROVIDE NECESSARY MAINTENANCE AFTER EACH RAINFALL AND ON A DAILY BASIS.
 - THE SEDIMENT BASINS SHALL BE OPERATED BY PUMPING. THE SEDIMENT FROM THE BASINS SHALL BE PLACED UP-GRADE FROM THE SEDIMENT OPERATIONS ON OTHER AREAS-DISTURBED FROM THE SEDIMENT BASINS. REMOVE SEDIMENT FROM ROADWAYS AND DRAIN STONE CONSTRUCTION ENTRANCES AS REQUIRED.
 - REMOVE STABILIZED CONSTRUCTION ENTRANCES.
 - PAVE ALL PARKING AREAS AND STABILIZE ALL GRADED AREAS WITH PERMANENT SEEDING MIXTURE AND STRAP BELLS.
 - REMOVE OFFICE PROTECTION FROM ALL SW FOUNDS. STABILIZE ANY DISTURBED AREAS WITH PERMANENT SEEDING MIXTURE AND STRAP BELLS. ALL DISTURBED AREAS DUE TO REMOVAL OF SEDIMENT CONTROL MEASURES SHALL BE GRADED AND STABILIZED WITH PERMANENT SEEDING MIXTURE.

Dewberry & Davis
 ARCHITECTS-ENGINEERS-PLANNERS-SURVEYORS
 8300 N. RIDGE ROAD
 ELLICOTT CITY MD. 21048
 TELE (301) 461-7478

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

James M. Hahn 5/10/88
Mark B. Reed 9/10/87

James M. Hahn 5/13/88
Mark B. Reed 9/10/87

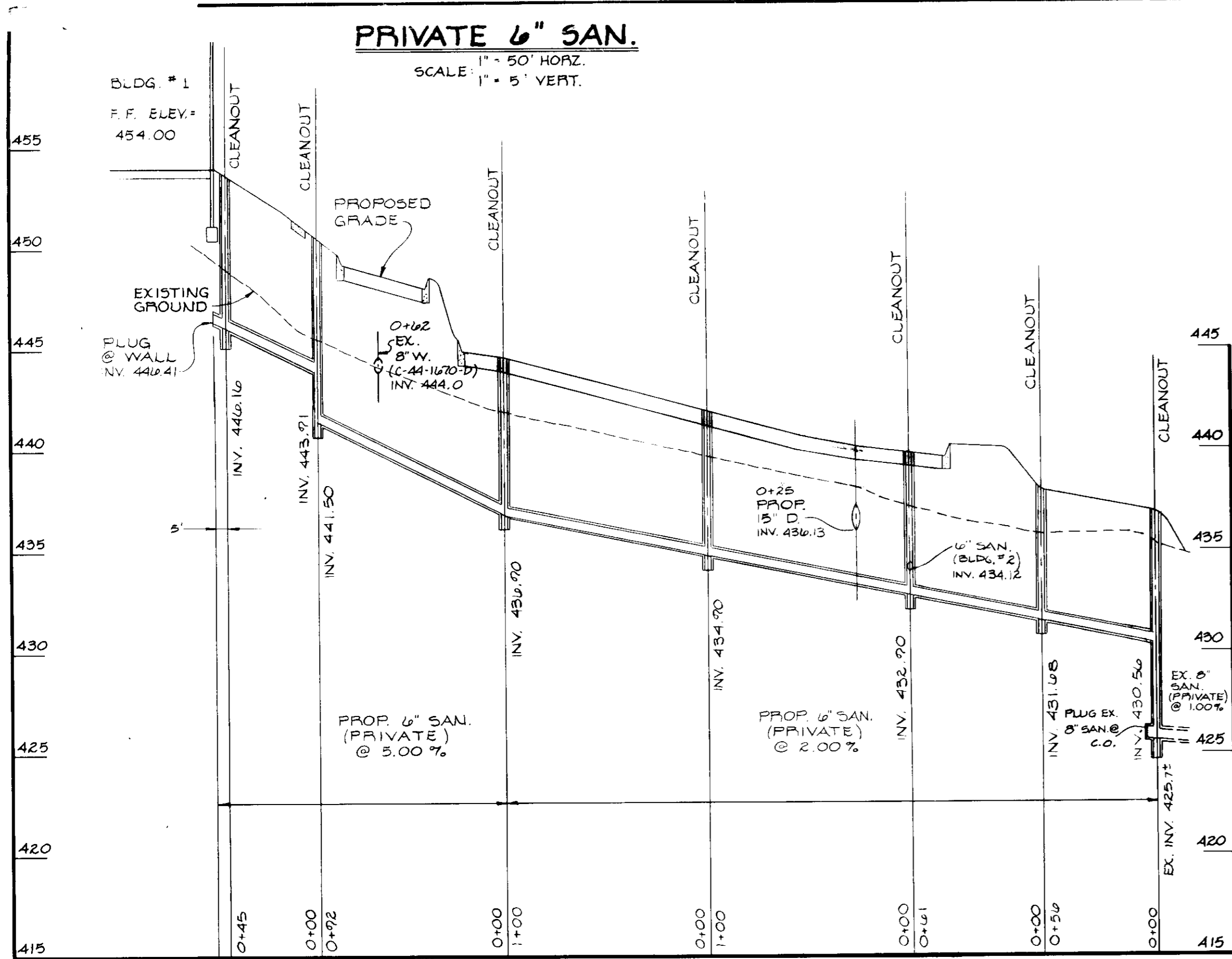
James M. Hahn 5/17/88
Mark B. Reed 9/10/87

James M. Hahn 5/24/88
Mark B. Reed 9/10/87

OWNER DEVELOPER
 AGRY. PLAZA ASSOCIATE
 TIERER PLACE
 1107 MAIN STREET
 ELLICOTT CITY, MARYLAND 21041
 (301) 461-8882

SEDIMENT CONTROL PLAN
 HICKORY PLAZA
 MAP 80 PARCEL 19
 ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 40'
 SHEET 5 OF 7 REV. JAN. 16, 1988

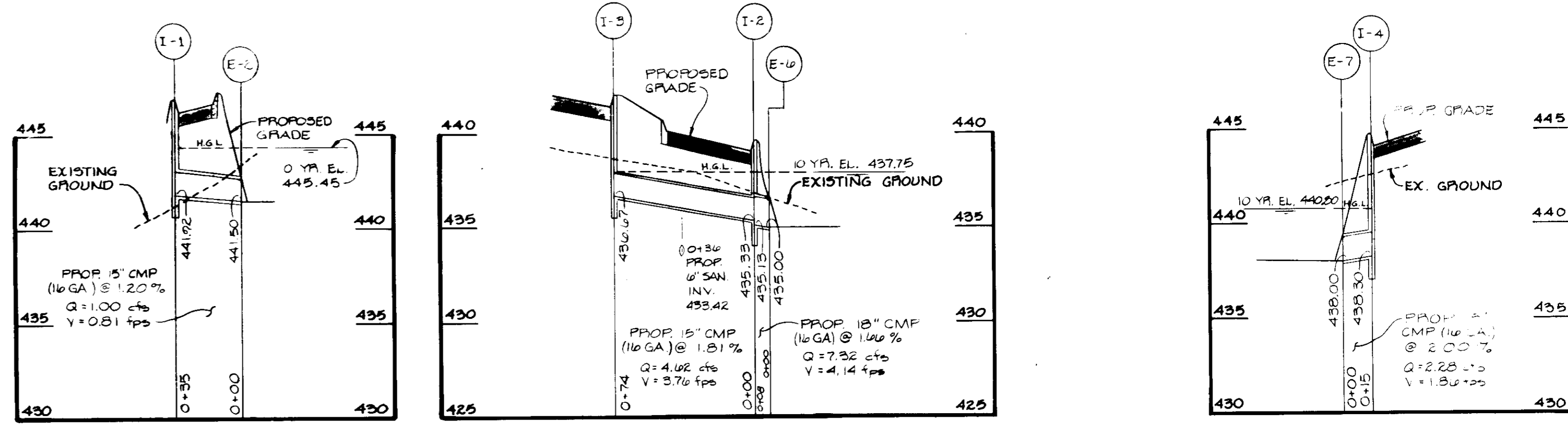
SDP 87-248



STRUCTURE SCHEDULE

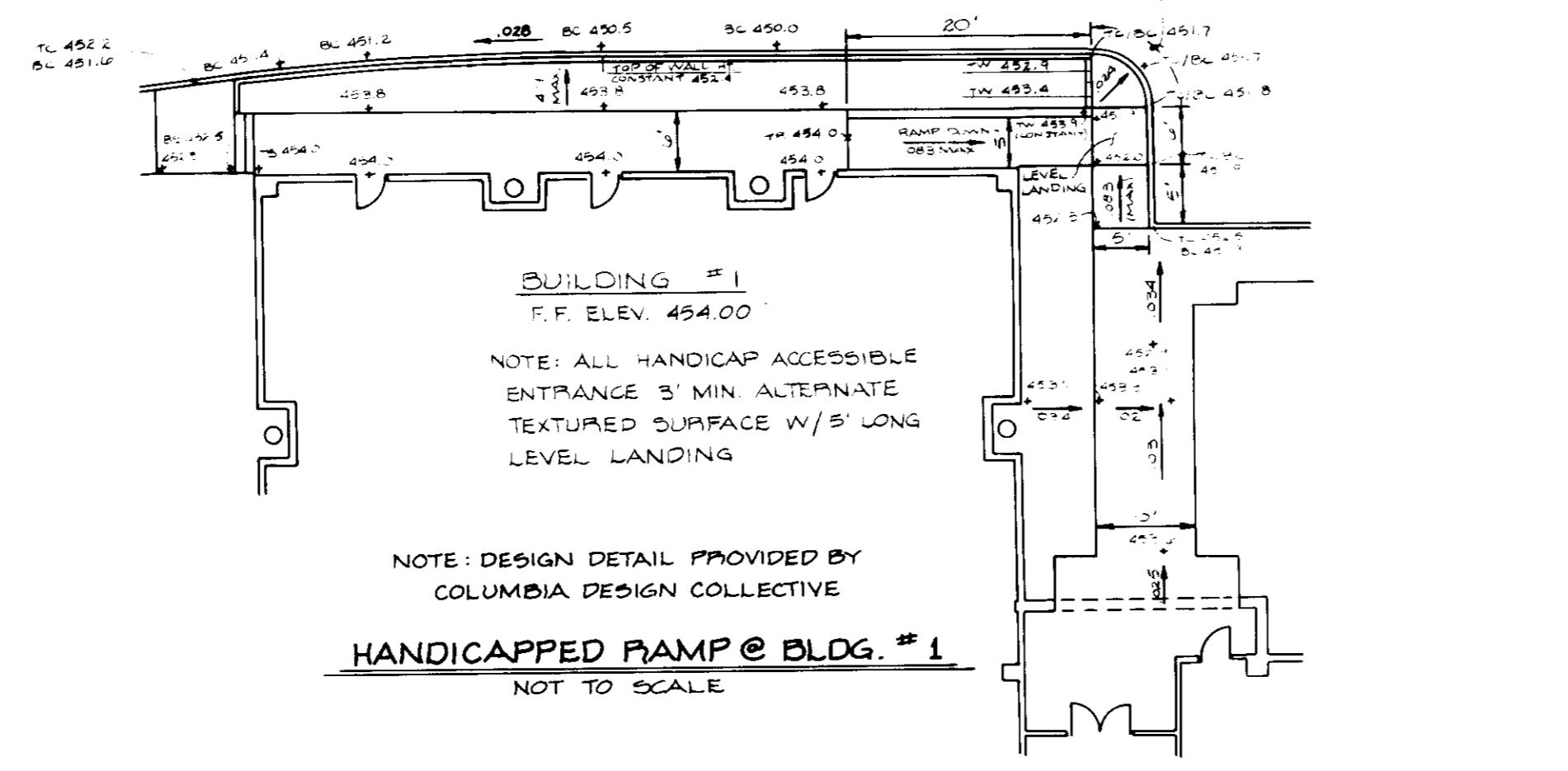
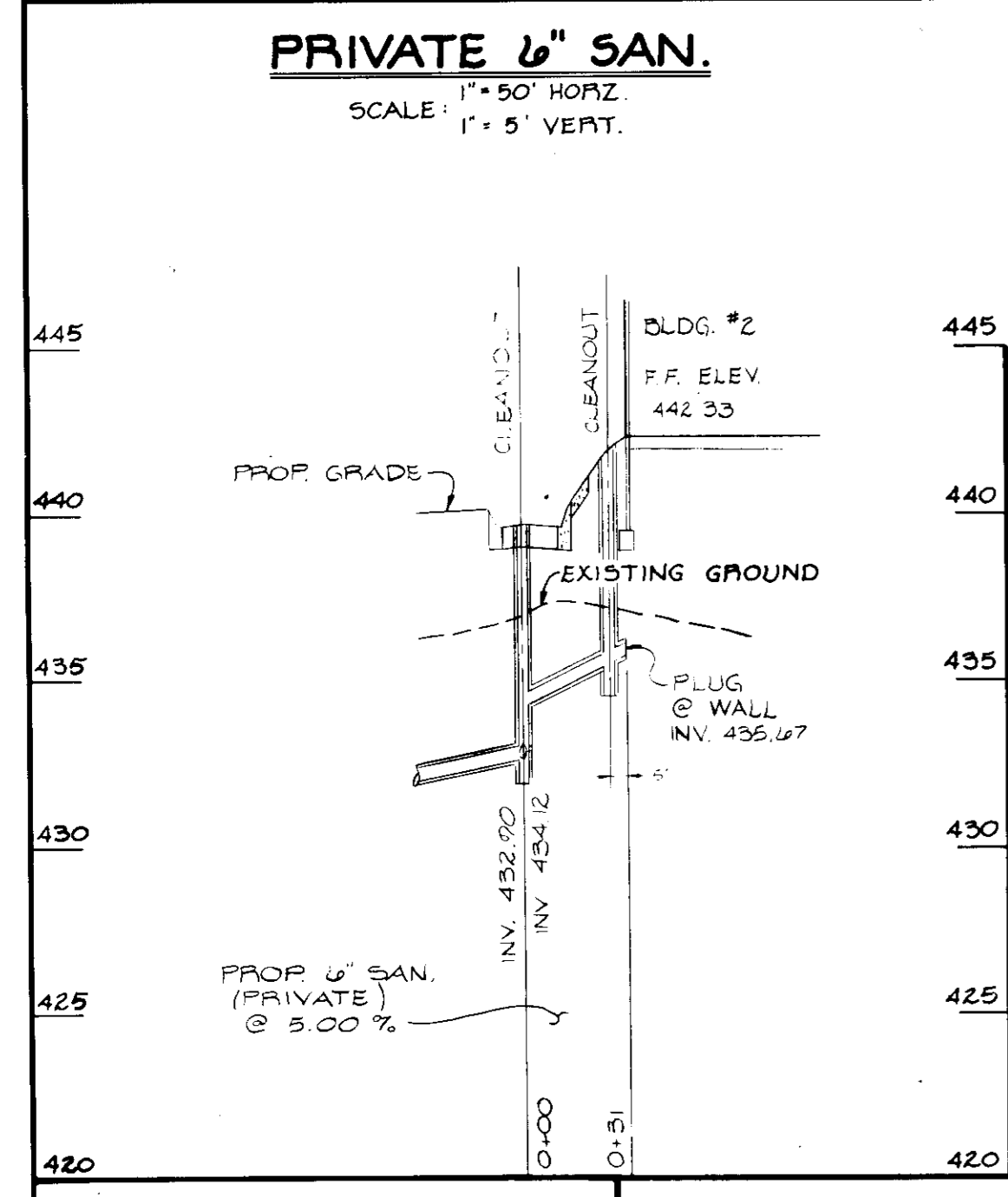
NO.	TYPE	TOP ELEV.	INV. IN.	INV. OUT.	REMARKS
I-1	A-5 WITH DEFLECTION	445.50	444.67	441.92	HO CO DETAIL 50-4.01
I-2	A-5	439.70	435.33	435.13	HO CO DETAIL 50-4.01
I-3	A-5	442.00	441.17	436.67	"
I-4	A-5 WITH DEFLECTION	444.80	443.97	438.30	HO CO DETAIL 50-4.01
I-5	A-5	440.10	439.27	438.02	HO CO DETAIL 50-4.01
I-6	A-5	441.60	440.77	435.80	"
I-7	A-5	440.00	439.17	432.38	"
M-1	4" BRICK	441.70	435.12	434.87	HO CO DETAIL G-5.01
E-1	METAL END	441.70	---	440.51	HO CO DETAIL 50-5.61
E-2	METAL END	442.75	---	441.50	"
E-3	METAL END	432.23	---	431.23	"
E-4	METAL END	433.50	---	432.00	"
E-5	METAL END	433.25	---	432.00	"
E-6	METAL END	438.50	---	435.00	"
E-7	METAL END	439.25	---	435.00	"
J-3	JUNCTION CHAMBER	432.50	430.27	429.17	HO CO DETAIL 50-1.12
M-2	4" BRICK	439.70	431.10	430.73	HO CO DETAIL G-5.01
E-8	METAL END	448.47	---	447.22	HO CO DETAIL 50-5.61
E-9	METAL END	447.75	---	448.50	"

NOTE: ALL DETAILS REFER TO HOWARD COUNTY DESIGN MANUAL VOL. II STANDARD SPECIFICATIONS AND DETAILS.



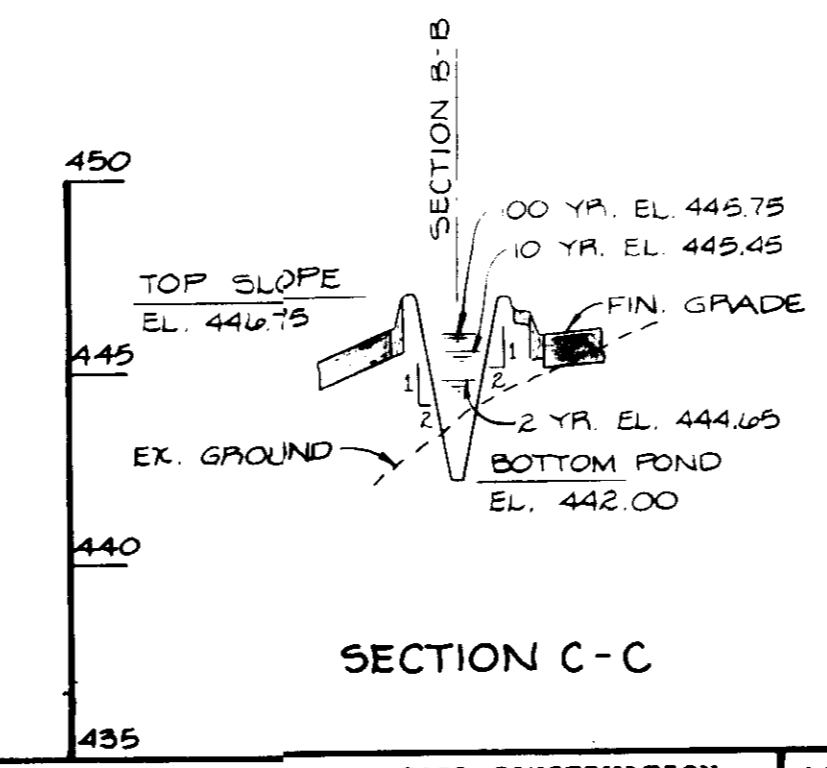
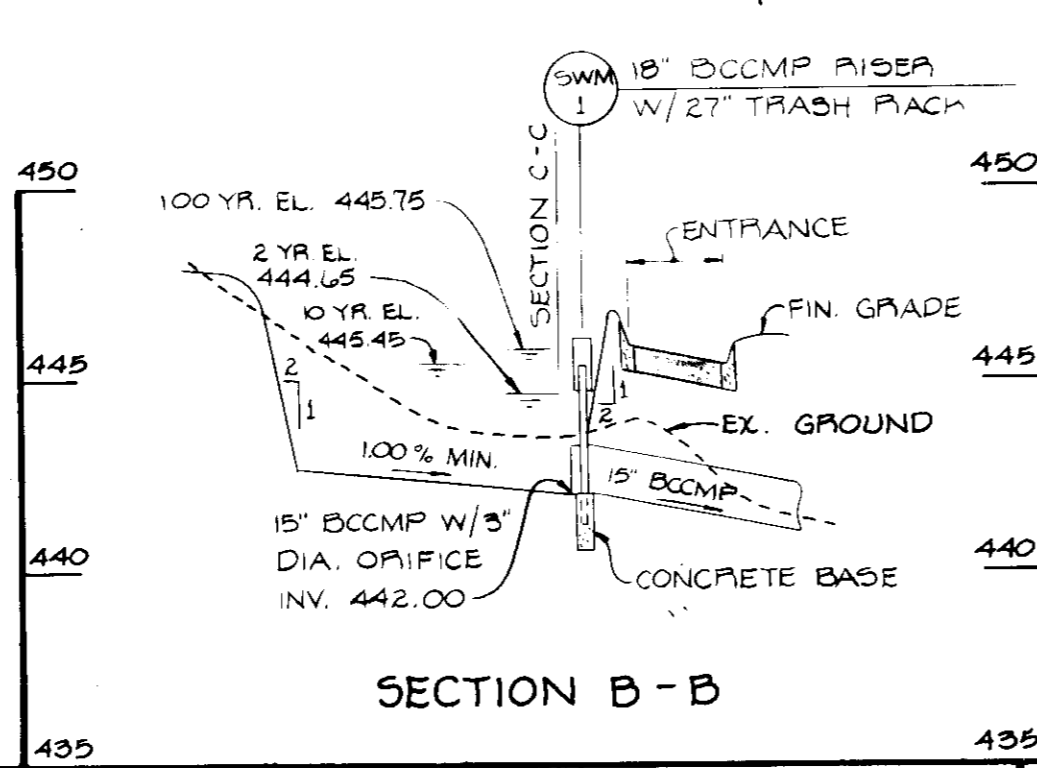
STORM DRAIN PROFILES

SCALE: 1" = 50' HORIZ.
1" = 5' VERT.



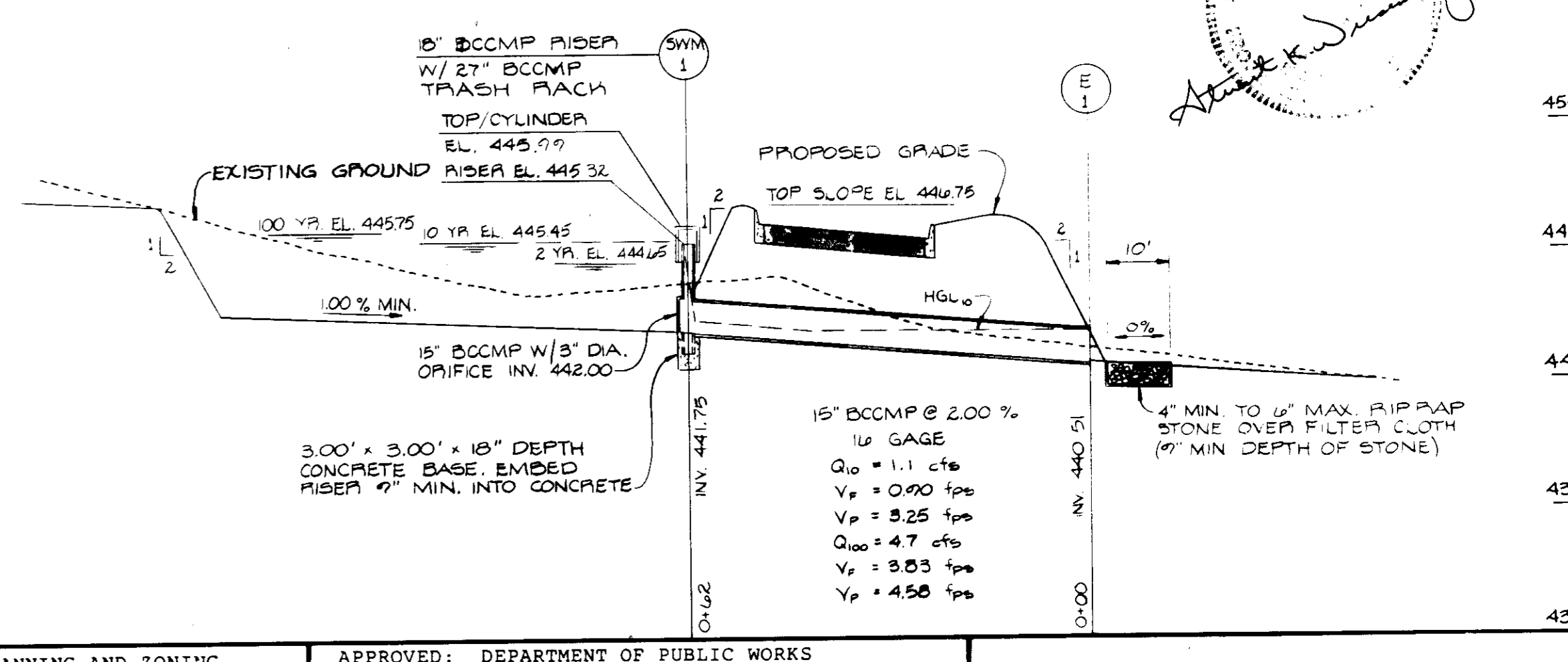
SECTIONS THRU STORM WATER MANAGEMENT POND #1

SCALE: 1" = 50' HORIZ.
1" = 5' VERT.



STORM WATER MANAGEMENT POND #1 PROFILE ALONG PRINCIPAL SPILLWAY

SCALE: 1" = 20' HORIZ.
1" = 5' VERT.



Dewberry & Davis
ARCHITECTS ENGINEERS PLANNERS SURVEYORS
3300 Ridge Road
Suite 100
Ellicott City, Maryland
21043
(301) 461-7478 BALTIMORE
(301) 621-4970 WASHINGTON

OWNER/DEVELOPER
HICKORY PLAZA ASSOCIATES
TIBBER PLACE
8807 MAIN STREET
ELLICOTT, CITY, MARYLAND 21043
(301) 465-5855

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 REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Attract K. W. [Signature]
SIGNATURE OF ENGINEER
5/10/88
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 ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

Paul D. Reid [Signature]
SIGNATURE OF DEVELOPER
6/10/87
DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

[Signature]
HOWARD SOIL CONSERVATION SERVICE
5/13/88
DATE

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

[Signature]
HOWARD SOIL CONSERVATION DISTRICT
5/13/88
DATE

APPROVED: OFFICE OF PLANNING AND ZONING

[Signature]
PLANNING DIRECTOR
5-23-88
DATE

APPROVED: DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

[Signature]
5/23/88
DATE

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

[Signature]
HEALTH OFFICER
5-20-88
DATE

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

[Signature]
DIRECTOR, PUBLIC WORKS
5-11-88
DATE

CHIEF, BUREAU OF ENGINEERING

PROPERTY NAME	SECTION/AREA	PARCEL NUMBER
HICKORY PLAZA		45
LIEBOWITZ	BLOCK NO.	TAX/ZONE
278/153	5	3B
	POP.	ELEC. DIST.
		5TH
		CENSUS TR.
		6023.02
WATER CODE	107	SEWER CODE
		5327300

UTILITY PROFILES

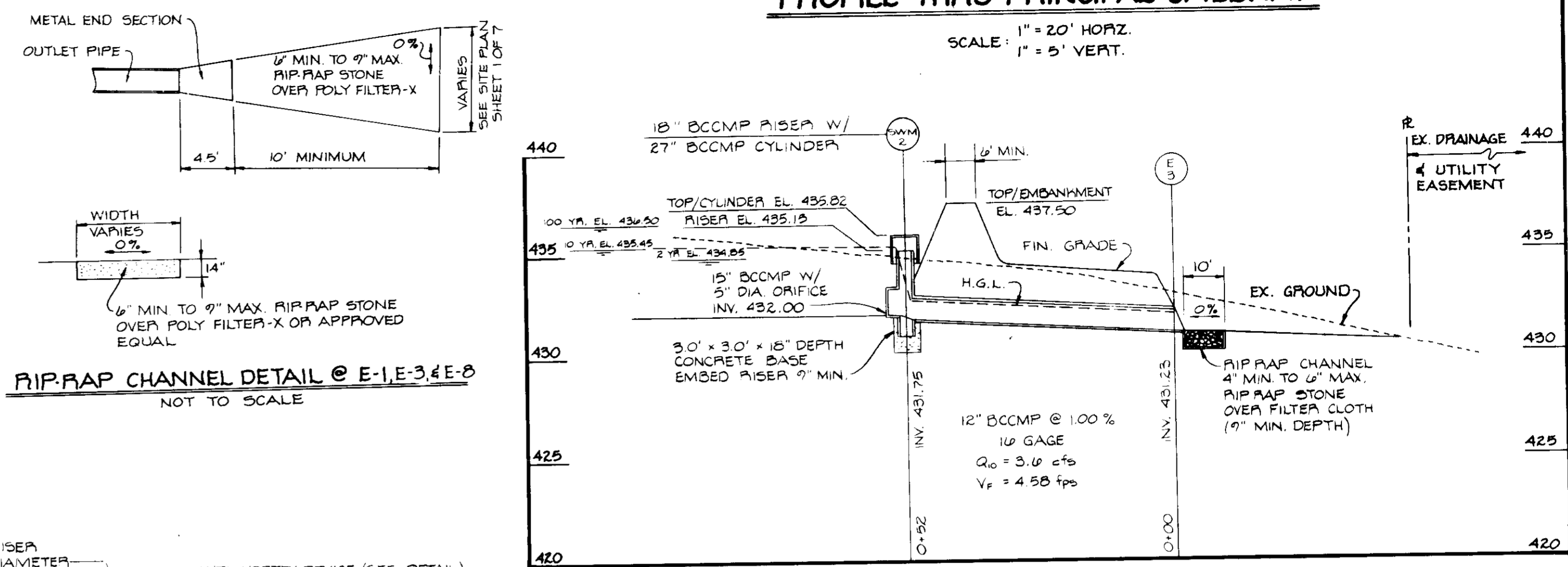
HICKORY PLAZA

TAX MAP 35 PARCEL 45

5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
REV. JAN. 10, 1985
JUNE 11, 1987
SHEET 4 OF 7
SCALE: AS SHOWN

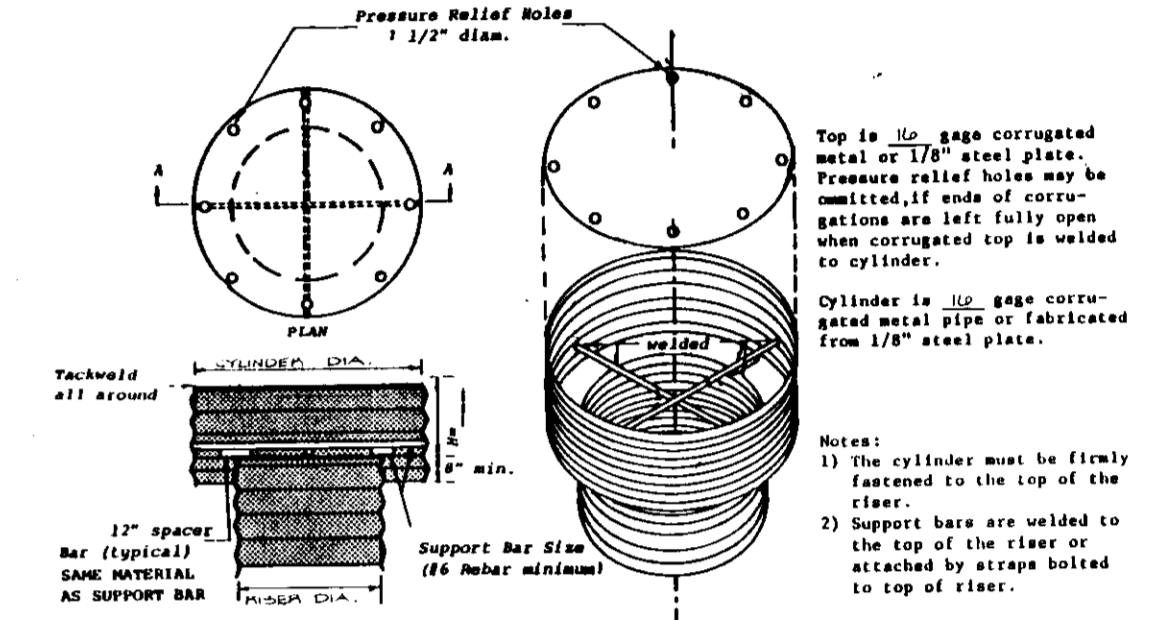
**SWM #2 -
PROFILE THRU PRINCIPAL SPILLWAY**

SCALE: 1" = 20' HORIZ.
1" = 5' VERT.



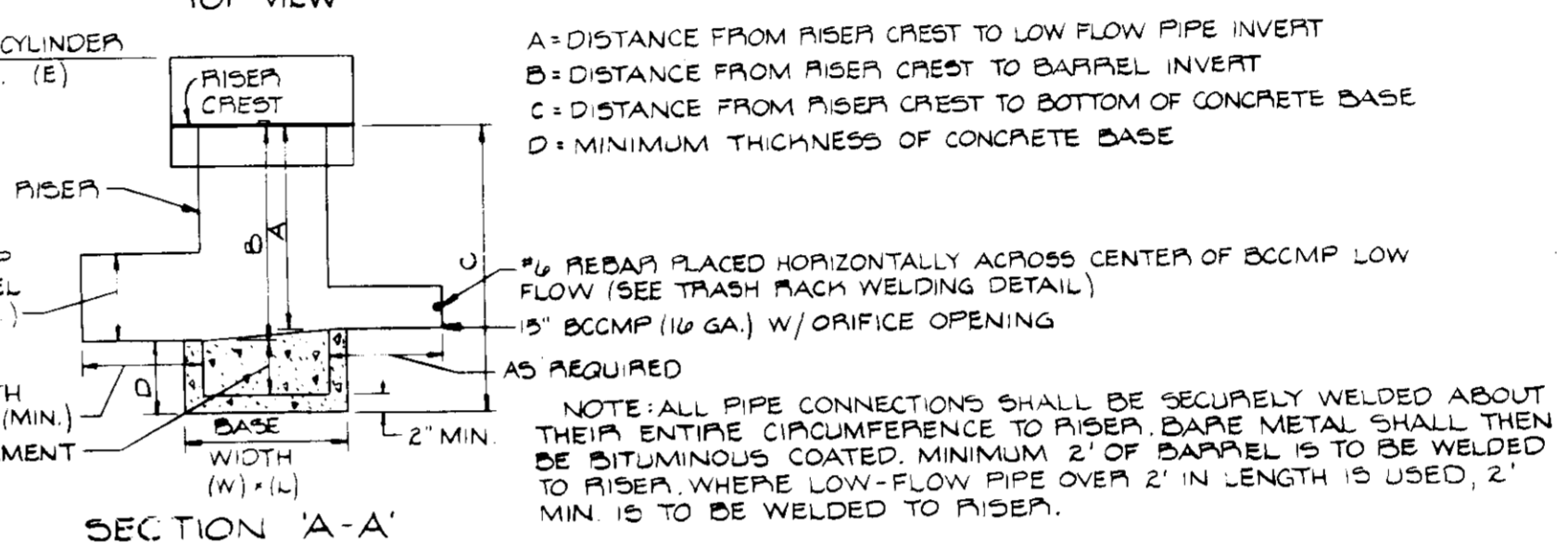
RIP RAP CHANNEL DETAIL @ E-1, E-3, E-8
NOT TO SCALE

RISER DATA						
LOCATION	RISER CREST	A	B	C	D	E
SWM 1	445.32	3.32'	3.37'	5.07'	18"	3.0' x 3.0'
SWM 2	435.15	3.15'	3.40'	4.20'	18"	3.0' x 3.0'
SWM 3	437.52	3.52'	5.97'	7.77'	24"	3.0' x 3.0'
SWM 4	440.02	2.02'	7.98'	9.98'	24"	3.0' x 3.0'

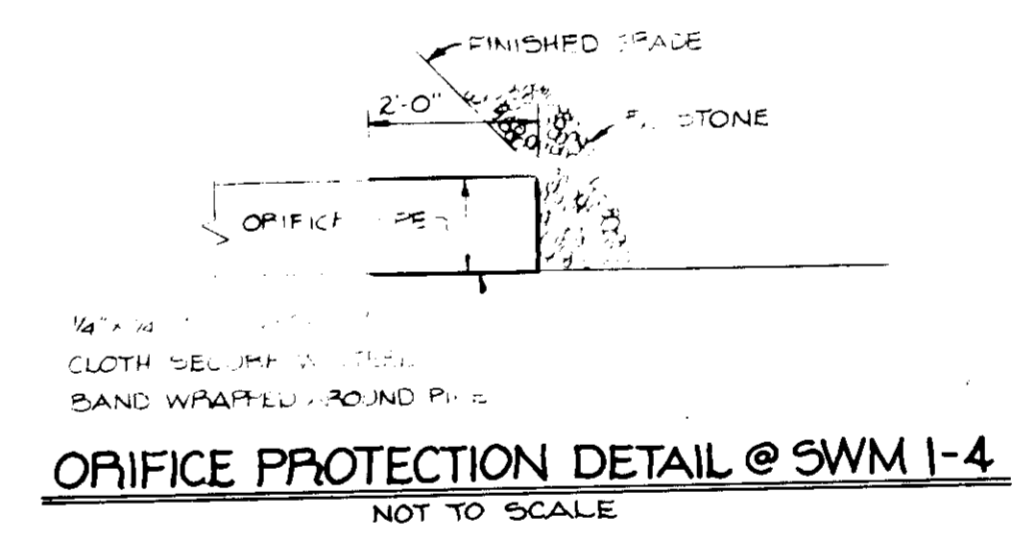


RISER DATA				
LOCATION	RISER DIA.	BARREL DIA.	CYL. DIA.	H
SWM 1	18"	15"	27"	8'
SWM 2	15"	12"	27"	8'
SWM 3	21"	10"	30"	11'
SWM 4	18"	10"	27"	8'

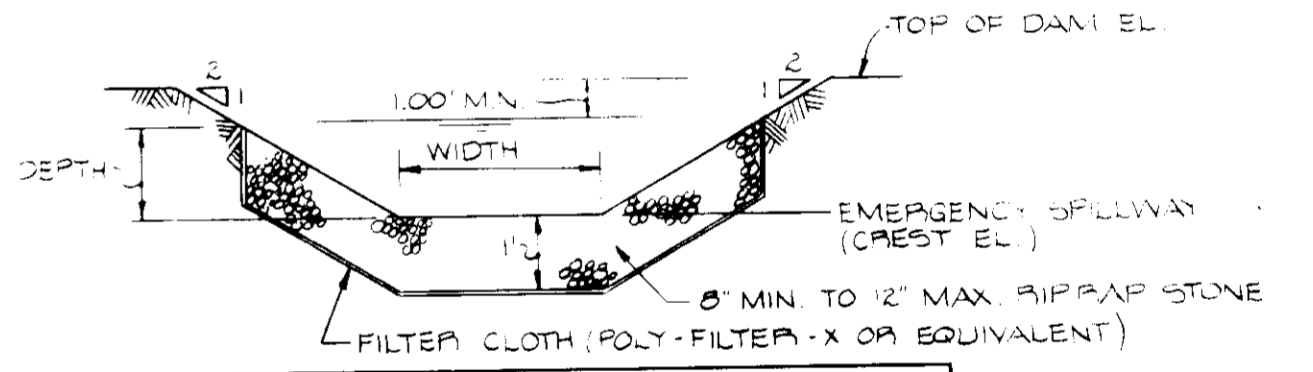
CONCENTRIC TRASH RACK AND ANTI-VORTEX DEVICE
NOT TO SCALE



TYPICAL CMP RISER FABRICATION DETAIL
NOT TO SCALE



ORIFICE PROTECTION DETAIL @ SWM 1-4
NOT TO SCALE



EMERGENCY SPILLWAY DATA				
LOCATION	WIDTH	DEPTH	T/DAM	CREST
SWM 1	8'	0.35'	437.90	436.15
SWM 2	10'	0.38'	437.90	436.92
SWM 4	8'	0.35'	442.75	441.02

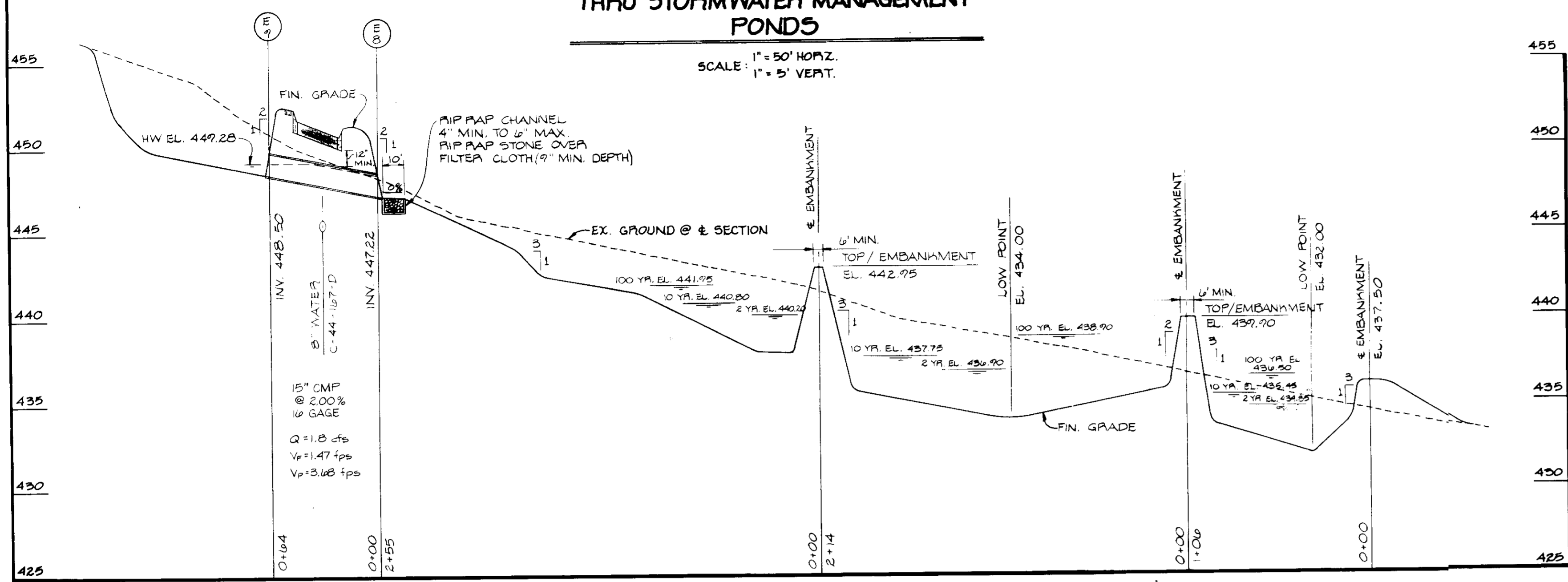
LINED EMERGENCY SPILLWAY (TYPICAL SECTION)
NOT TO SCALE

ORIFICE DATA		
LOCATION	D	ORIFICE
SWM 1	15"	5"
SWM 2	15"	5"
SWM 3	5"	6"
SWM 4	15"	5"

ORIFICE DETAIL
NOT TO SCALE

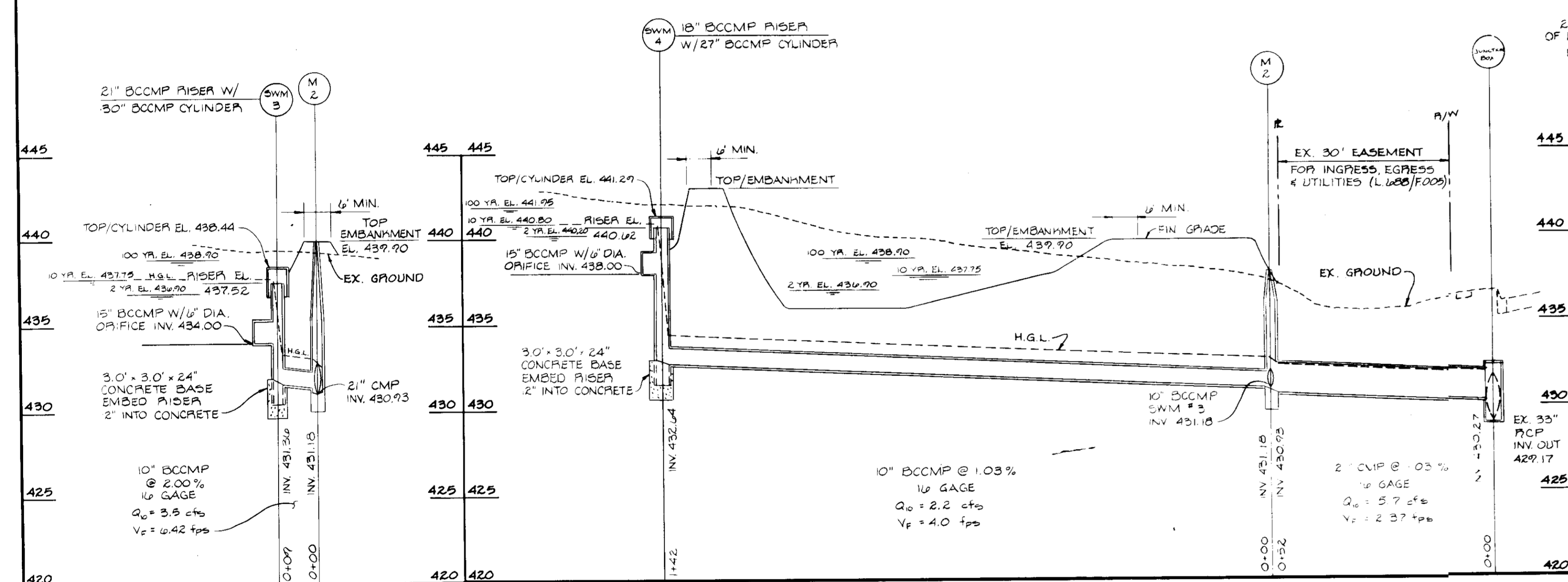
**SECTION A-A
THRU STORMWATER MANAGEMENT
PONDS**

SCALE: 1" = 50' HORIZ.
1" = 5' VERT.



**SWM #3 & #4 -
PROFILE THRU PRINCIPAL SPILLWAYS**

SCALE: 1" = 20' HORIZ.
1" = 5' VERT.



3-2-88
LKS

OWNER/DEVELOPER
HICKORY PLAZA ASSOCIATES
TIBER PLACE
8807 MAIN STREET
ELLCOTT, CITY, MARYLAND 21043
(301) 465-5855

TRASH RACK WELDING DETAIL
NOT TO SCALE

Dewberry & Davis
ARCHITECTS ENGINEERS PLANNERS SURVEYORS
3300 N. Ridge Road
Suite 100
Ellicott City, Maryland 21043
(301) 461-7478 BALTIMORE
(301) 621-4970 WASHINGTON

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 REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Albert K. Dewberry
SIGNATURE OF ENGINEER
5/1/88
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 ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

Paul S. Reed
SIGNATURE OF DEVELOPER
6/10/87
DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

James M. H. [Signature] 5/13/88
U.S. SOIL CONSERVATION SERVICE DATE

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

APPROVED: *[Signature]* 5/16/88
HOWARD SOIL CONSERVATION DISTRICT DATE

APPROVED: OFFICE OF PLANNING AND ZONING
[Signature] 5-24-88
PLANNING DIRECTOR DATE

APPROVED: DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT
[Signature] 5/23/88
DATE

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS.
[Signature] 5-20-88
HEALTH OFFICER DATE

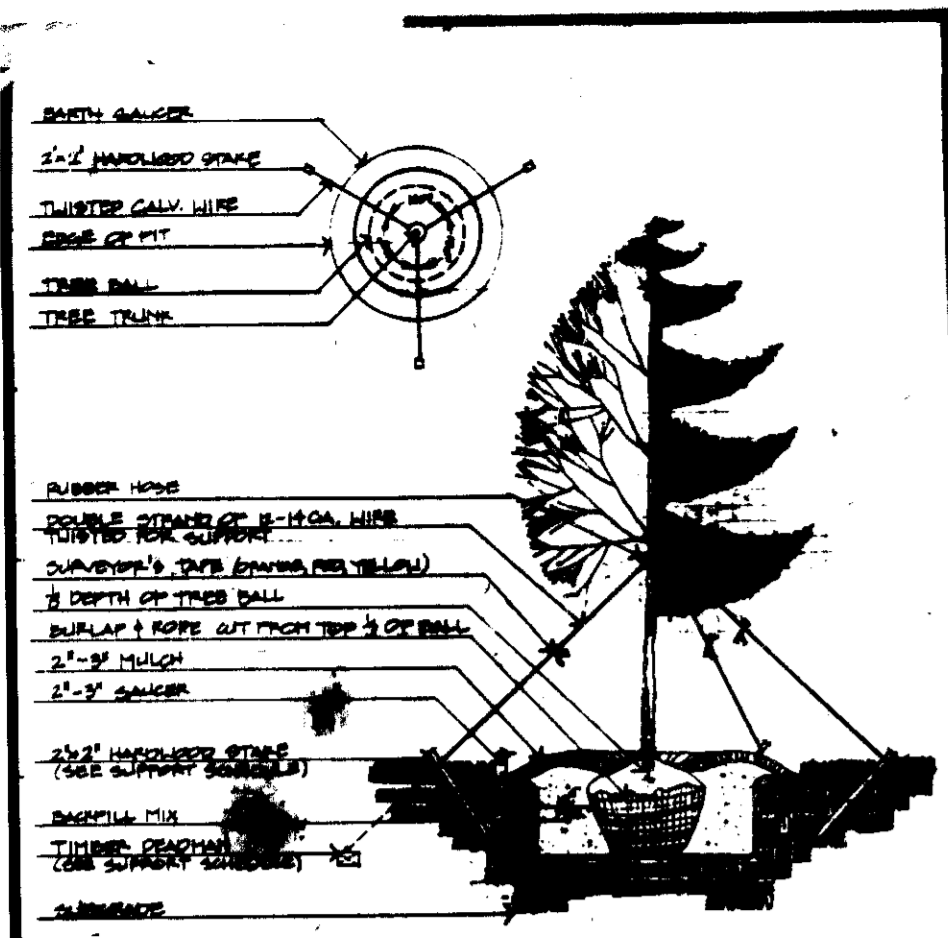
APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.
[Signature] 5-11-88
DIRECTOR, PUBLIC WORKS DATE

PROPERTY NAME: HICKORY PLAZA
SECTION/AREA: 45
PARCEL NUMBER: 45

LIEBER/ROLL: 278/123
BLOCK NO.: 3
TAX/ZONE: 35
ELEC. DIST.: 512
CENSUS TR.: 6053.02

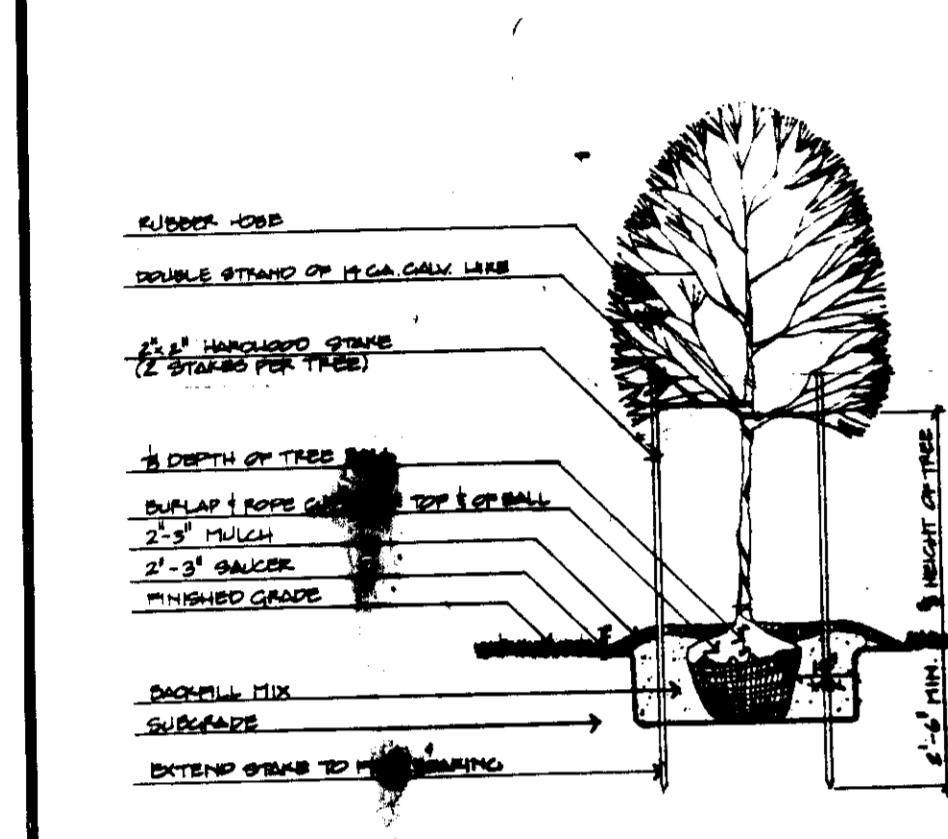
WATER CODE: 107
SEWER CODE: 5327300

UTILITY PROFILES & DETAILS
HICKORY PLAZA
TAX MAP 35 PARCEL 45
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
REV. JAN. 1, 1988
JUNE 11, 1987
SHEET 5 OF 7
SCALE: AS SHOWN

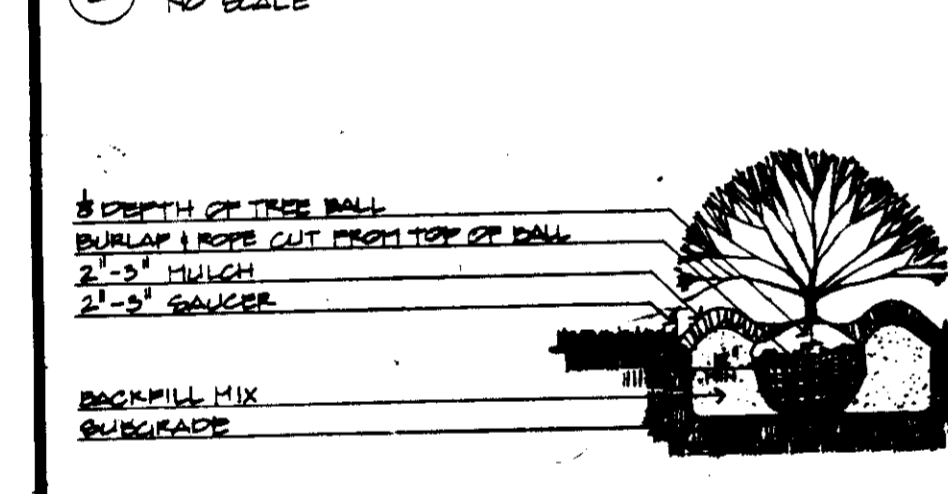


TREE SIZE	SUPPORT
2 1/2" CAL.	2" SPACED 5' PERIMETER, 18 GA. WIRE
3" CAL.	2" SPACED 5' PERIMETER, 18 GA. WIRE
4" CAL.	2" SPACED 5' PERIMETER, 18 GA. WIRE
6" CAL.	3" SPACED 5' PERIMETER, 18 GA. WIRE
8" CAL.	3" SPACED 5' PERIMETER, 18 GA. WIRE
10" CAL.	3" SPACED 5' PERIMETER, 18 GA. WIRE

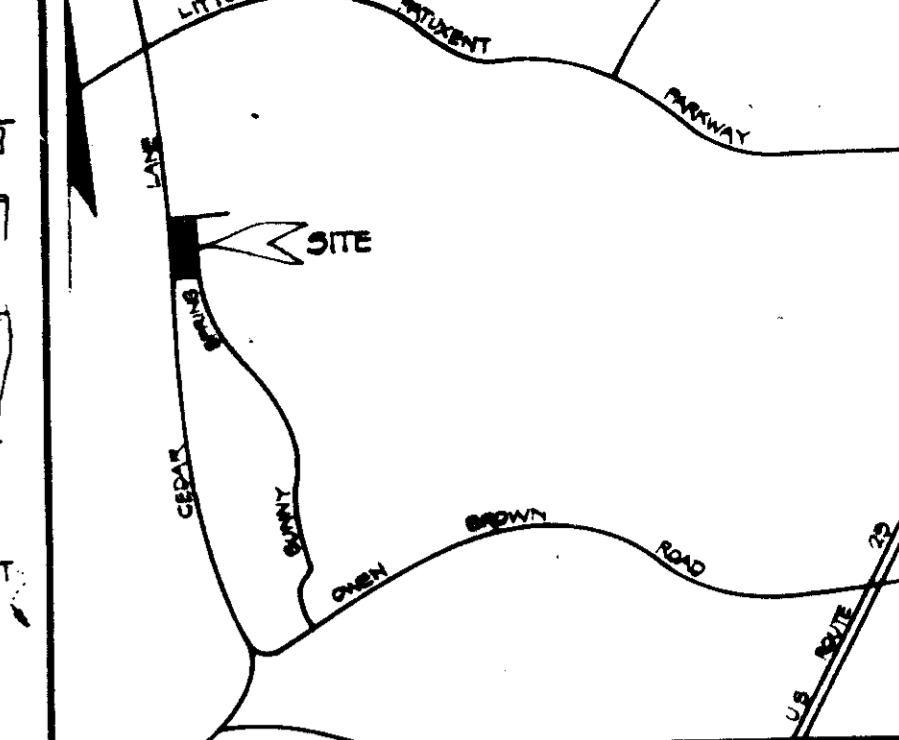
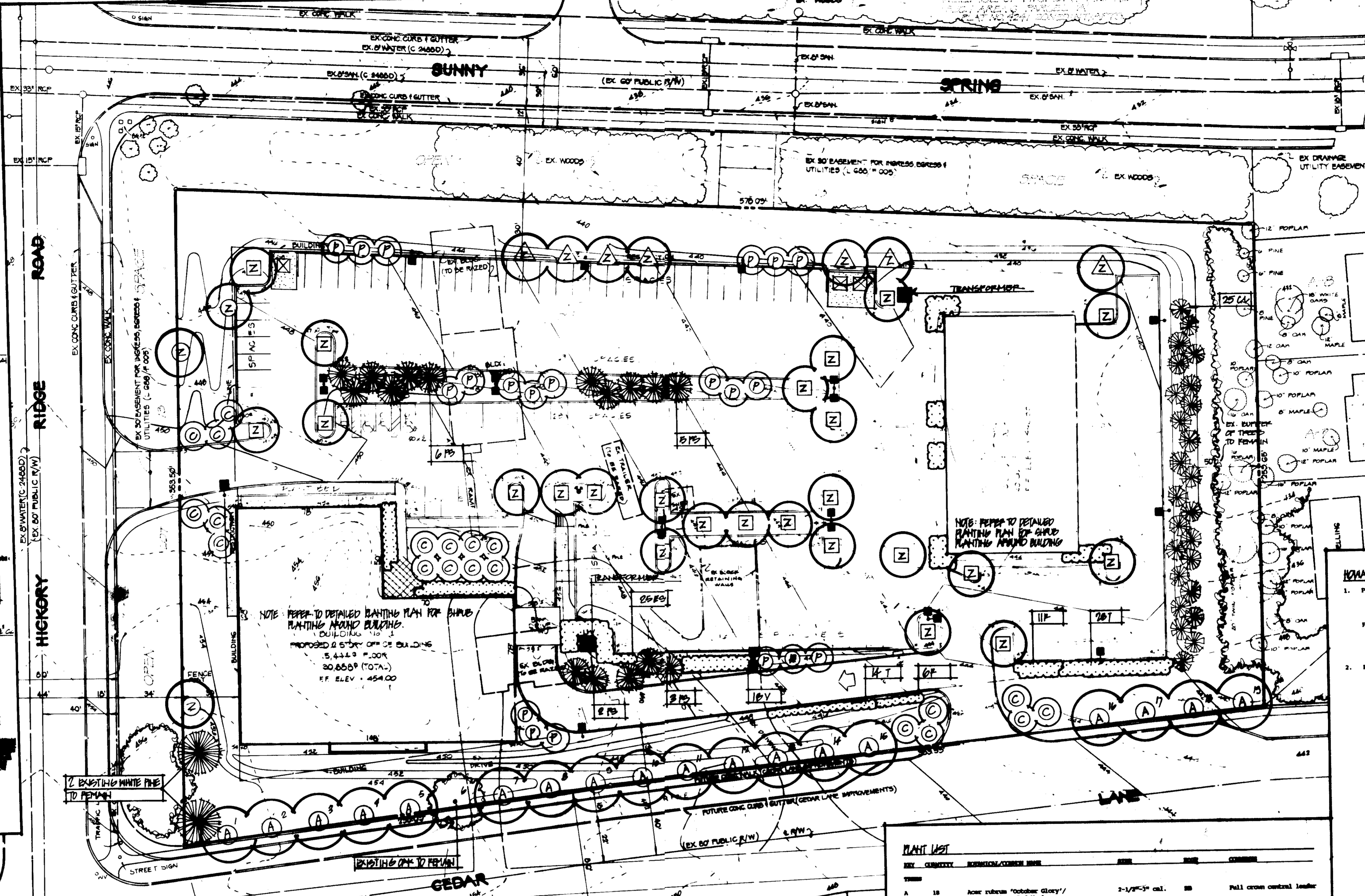
1 TREE PLANTING DETAIL - TREES OVER 2 1/2" CAL. + ALL EVERGREEN TREES - NO SCALE



2 TREE PLANTING DETAIL - TREES UNDER 2 1/2" CAL. - NO SCALE



3 SHRUB PLANTING DETAIL - NO SCALE



VICINITY MAP
SCALE: 1" = 200'

- LEGEND**
- (A) TREES REQUIRED ALONG R.O.W./CO. ZONING CODE
 - (Z) TREES REQUIRED IN PARKING AREA/CO. ZONING CODE
 - (P) TREES NOT REQUIRED BY ZONING CODE
 - (L) LIGHT FIXTURE (20' MOUNTING HEIGHT)

HOWARD COUNTY PLANTING REQUIREMENTS

- Planting Required:
 - Total area of the parking lot shall contain a minimum of five percent landscaped islands.
 - Planting Provided:
 - Total area of parking: 71,096 S.F.
 - Total area of landscaped islands: 12,885 S.F. (17% landscaped islands) with 24 trees.
 - Planting Required:
 - 30' wide minimum landscaped edge required along any residential district or external street right of way planted with 1 tree/30 LF and a 3' high landscaped base between parking and adjacent R.O.W. or residential district.
 - Planting Provided:
 - North Property Line (Hickory Ridge Road): 2 existing trees will remain, 6 flowering trees and 2 shade trees.
 - South Property Line: 50' buffer of existing trees will remain. Shrub planting along parking lot has been provided.
 - East Property Line (Burry Spring): 5 shade trees and 6 flowering trees.
 - West Property Line (Cedar Lane): 3 existing trees will remain. Additional shade trees will be provided if approved by Trees.
- Note: A 40' wide landscaped Open Space parcel (Lot 13) exists between the North and East property lines and Hickory Ridge Road and Burry Spring R.O.W. lines (respectively). Buffer plantings are not required.

PLANT LIST

SYM	QUANTITY	SPACING/CORNER	SIZE	REMARKS
A	18		2-1/2" - 3" cal.	Full crown central leader
C	20		1-1/2" - 2" cal.	Tree form, full crown, central leader, matched
CL	25		6" - 8" ht.	Tree form matched
FB	16		1-1/4" - 1-1/2" cal.	Matched
P	34		2" - 2-1/2" cal.	Full crown
SB	25		2-1/2" - 3" spec.	SH/CO
R	17		2-1/2" - 3" spec.	SH/CO
T	42		2-1/2" - 3" spec.	SH/CO
V	18		2-1/2" - 3" spec.	SH/CO

Note: REFER TO GCP GRADING PLAN FOR ACCURATE GRADING.

OWNER/DEVELOPER
HICKORY PLAZA ASSOCIATES
 SUITE 202
 10176 BALTIMORE NAT'L PK
 BELLICOTT CITY, MARYLAND 21043
 (301) 465-6865

CDC THE COLUMBIA DESIGN COLLECTIVE, INC. ARCHITECTS - PLANNERS - LANDSCAPE ARCHITECTS
 1807 THE WOODS ROAD, COLUMBIA, MARYLAND 21046

Dewberry & Davis
 ARCHITECTS-ENGINEERS-PLANNERS-SURVEYORS
 2200 N. RIDGE ROAD
 BELLICOTT CITY MD. 21048
 TEL: (301) 461-7478

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.

Stuart K. ...
 5/16/88
 SIGNATURE OF ENGINEER

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

Ned S. ...
 6/10/87
 SIGNATURE OF DEVELOPER

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

James M. ...
 5/13/88
 U.S. SOIL CONSERVATION SERVICE DATE

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

Stephen L. ...
 5/11/88
 DATE

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

James M. ...
 5/13/88
 DIRECTOR, PUBLIC WORKS DATE

James M. ...
 5-22-88
 CHIEF, BUREAU OF ENGINEERING DATE

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

James M. ...
 5-22-88
 DATE

APPROVED: OFFICE OF PLANNING AND ZONING

John ...
 5/24/88
 PLANNING DIRECTOR DATE

James M. ...
 5/23/88
 DATE

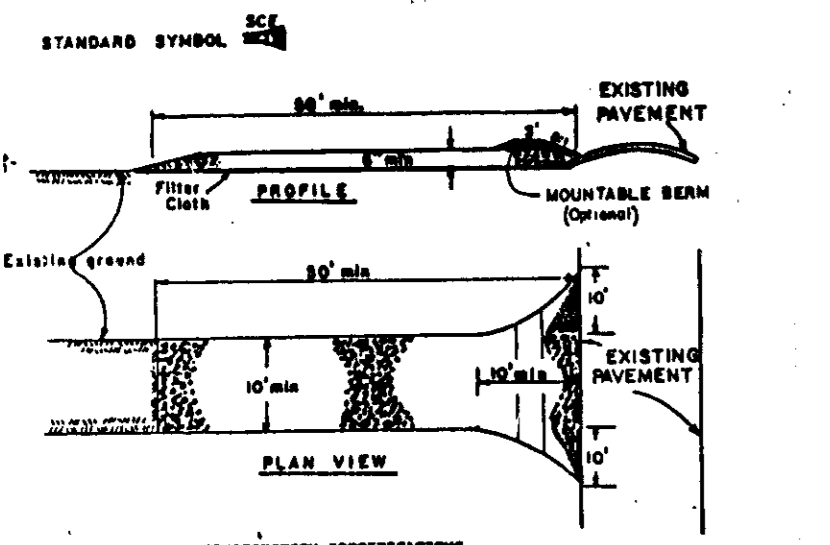
PROPERTY NAME: _____ SECTION/AREA: _____ PARCEL NO: _____

BLAT NO./L.F. BLDG NO. ZONE TAX/ZONE ELEC. DIST. CENSUS TR. _____

WATER CODE: 107 SEWER CODE: 5327900

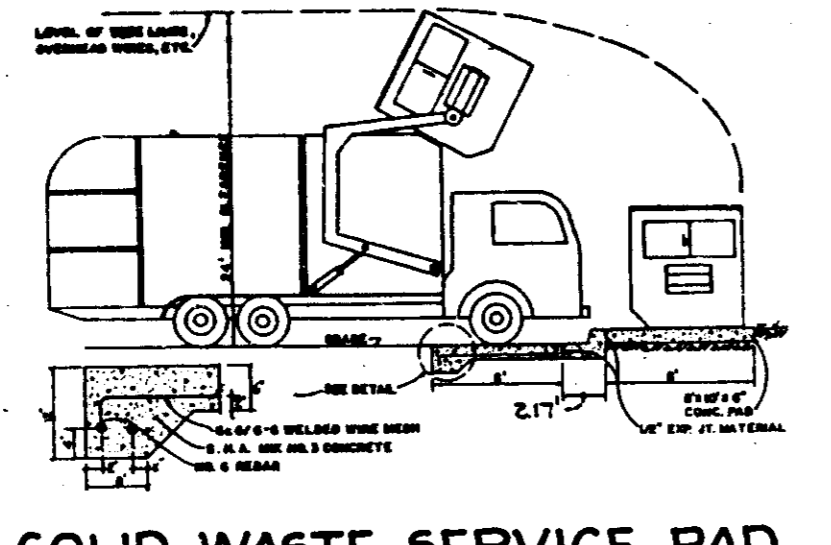
LANDSCAPE PLAN
HICKORY PLAZA
PLANTING PLAN
 TAX MAP 85 PARCEL 45
 SHEET 6 OF 7
 5TH. ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 30'
 DECEMBER 31, 1986

SDP-87-248

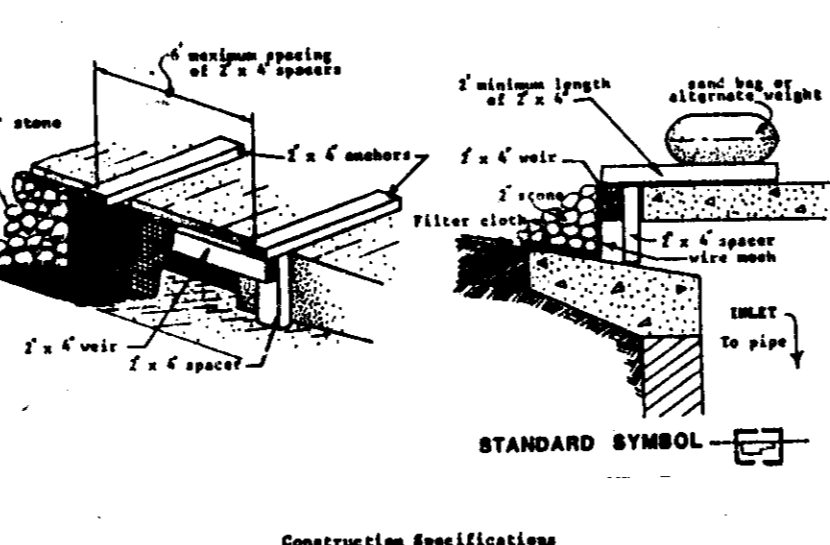


- CONSTRUCTION SPECIFICATIONS**
- Stone Size - Use 3" stone, or crushed concrete equivalent. Stone less than 3/8" (except on a single course) shall be removed.
 - Thickness - Not less than 4" (4" minimum).
 - Width - The (12" foot) minimum, but not less than the full width at points where increase or decrease occurs.
 - Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter cloth will be replaced on a single family residence lot.
 - Surface Water - Will be placed over the entire area prior to placing of stone. A minimum 1/2" of water will be provided.
 - Maintenance - The entrance shall be maintained in a condition which will prevent tracking or climbing of sediment onto public right-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or replacement of any material used to keep entrance.
 - Sealing - Sealing shall be cleaned to remove sediment prior to entrance into public right-of-way. When sealing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
 - Inspection - Periodic inspection and needed maintenance shall be provided after each rain.

STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE

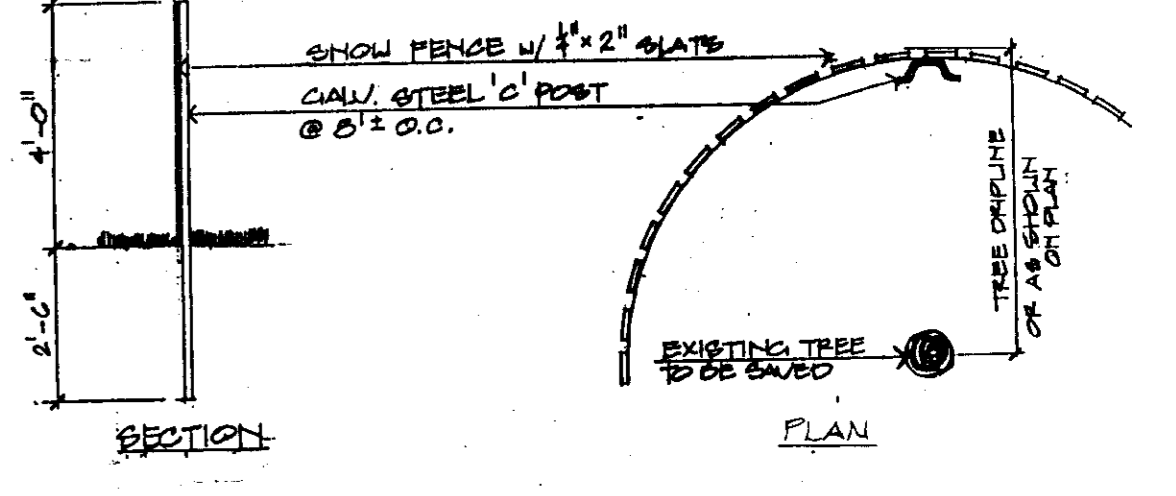


SOLID WASTE SERVICE PAD
NOT TO SCALE

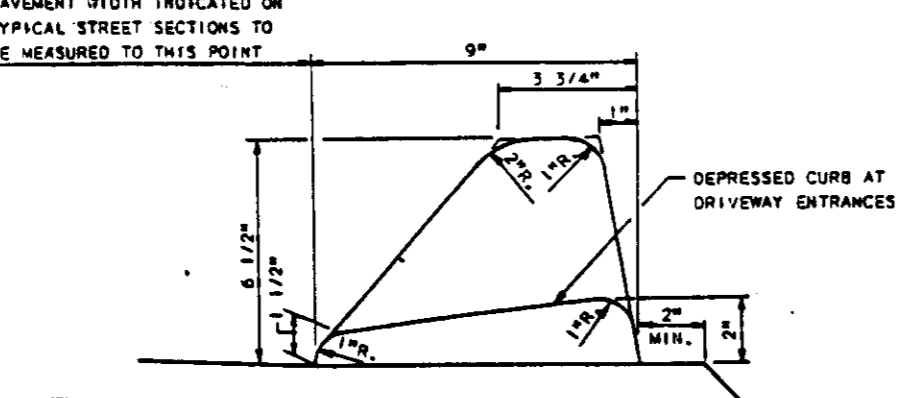


- CONSTRUCTION SPECIFICATIONS**
- Materials**
 - A. Wooden frame to be constructed of 2" x 4" construction grade lumber.
 - B. Wire mesh must be of sufficient strength to support filter fabric, and stone for each inlet, with water fully impounded against it.
 - C. Filter cloth must be of a type approved for this purpose, resistant to sunlight with stone also, 500, 40-85, to allow sufficient passage of water and removal of sediment.
 - D. Stone to be 2" in size and clean, since fines would clog the cloth.
 - Procedure**
 - A. A grade, elevation or yard inlet protection.
 - Excavate completely around inlet to a depth of 18" below notch elevation.
 - Drive 2 x 4 post 1' into ground at four corners of inlet. Place wall string between posts on side of inlet. Assemble top portion of 2 x 4 frame using overlap joint above. Top of frame (not) must be 6" below edge of roadway adjacent to inlet.

- Stretch wire mesh tightly around frame and fasten securely. Ends must meet at post.
- Stretch filter cloth tightly over wire mesh. The cloth must extend from top of frame to 18" below the top of the wire mesh. Fasten securely to frame. Ends must meet at post, be overlapped and folded, then fastened down.
- Backfill around inlet in compacted 6" layers until layer of earth is even with notch elevation on side and top direction on other.
- If the inlet is not in a low point, construct a compacted earth dike in the ditchline below it. The top of dike shall be at least 6" higher than the top of frame (not).
- This structure must be inspected frequently and the filter fabric replaced when clogged.
- Other Inlet Protection:**
 - Attach a continuous piece of wire mesh (50" min. width by 10' length plus 4" to the 2" x 4" wire (measuring sheet length plus 2") as shown on the standard drawing.
 - Place a piece of approved filter cloth (40-85 stone) of the same dimension as the wire mesh over the wire mesh and securely attach to the 2" x 4" wire.
 - Securely nail the 2" x 4" wire to 1" long vertical spacers to be located between the wire and inlet face (max. 6" apart).
 - Place the assembly against the inlet throat and nail (minimum 2" length of 2" x 4" to the top of the wire at space).
 - From the wire mesh and filter cloth to the concrete gutter and against the face of curb on both sides of the inlet. Place clean 3" stone over the wire mesh and filter fabric in 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 debris.
 - Assure that storm flow does not bypass inlet by installing temporary earth or asphalt dike directing flow into inlet.

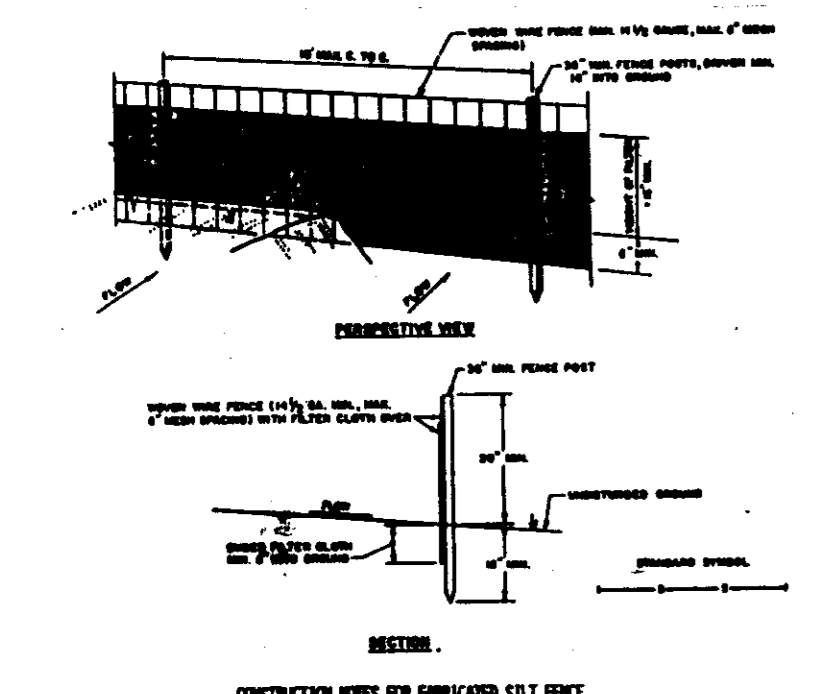


TREE PROTECTION FENCE
NOT TO SCALE



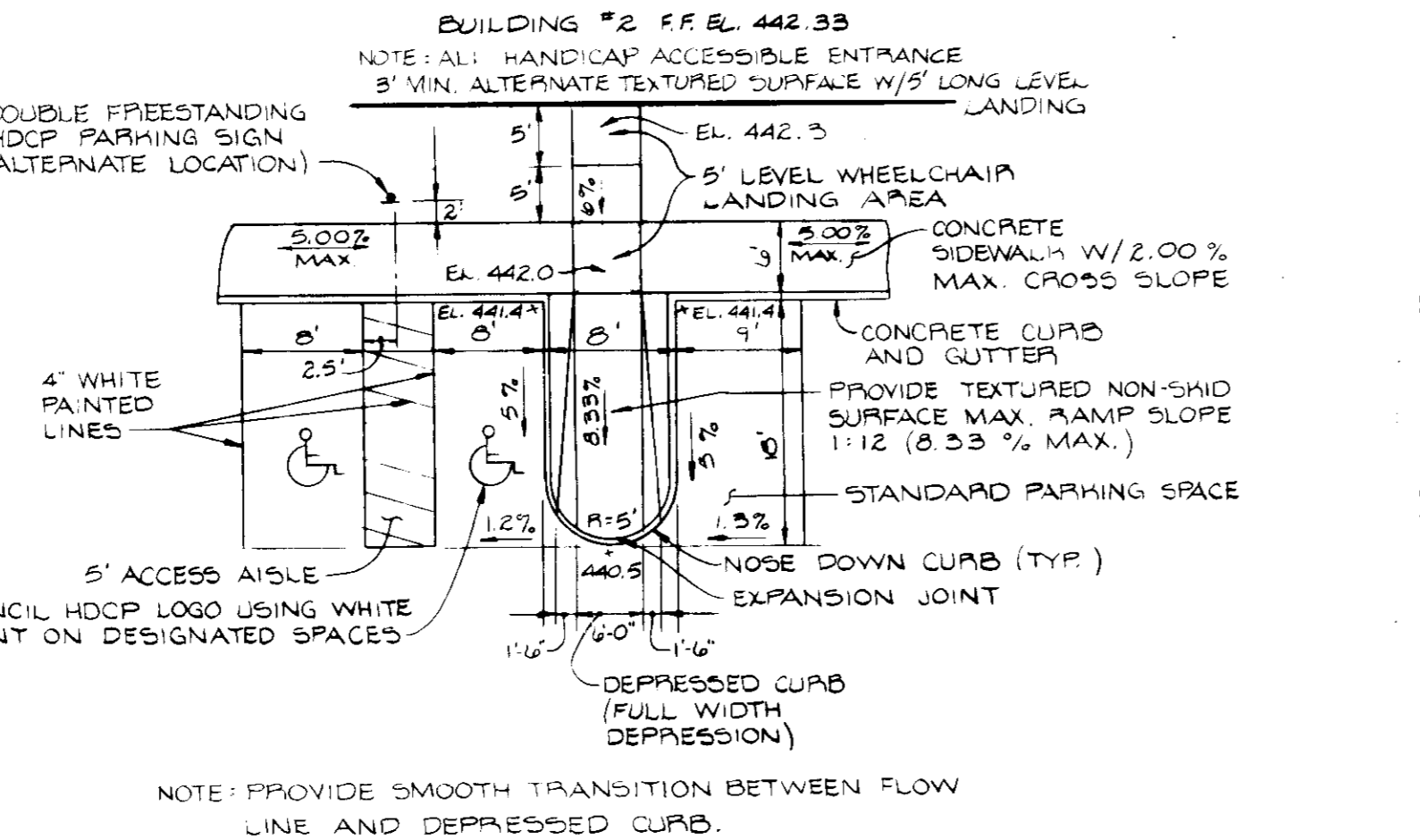
TEMPORARY BITUMINOUS CURB
NOT TO SCALE

INLET PROTECTION
NOT TO SCALE

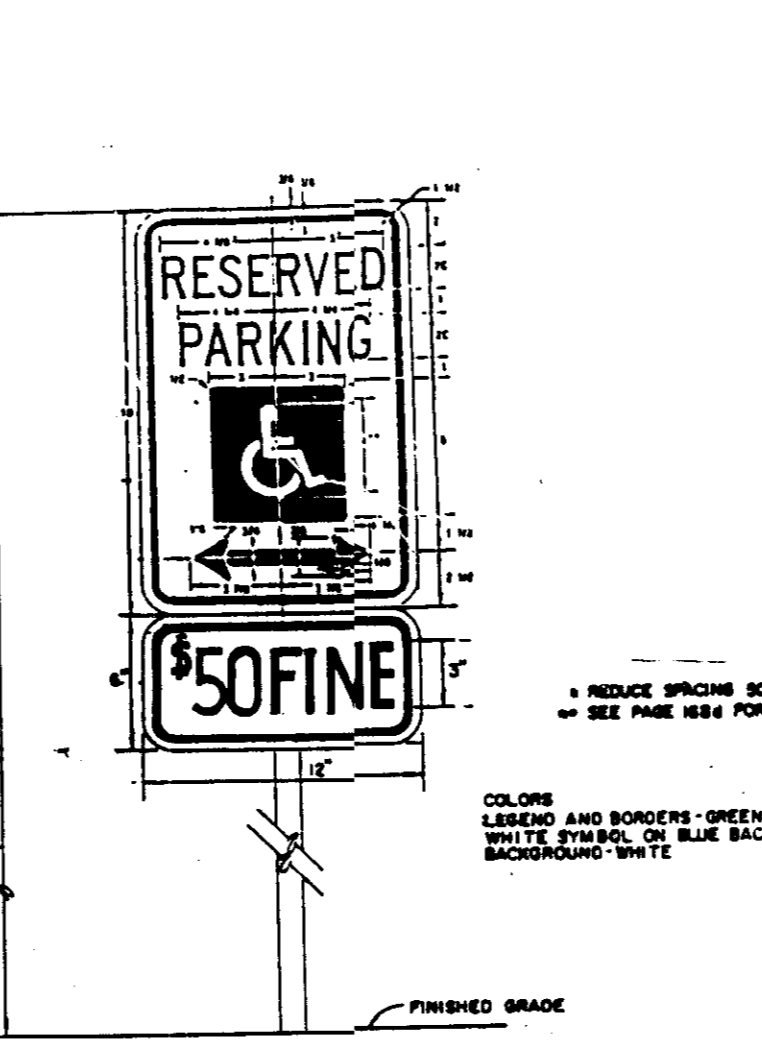


- When wire mesh is to be fastened securely to fence posts with wire ties or staples.
- Filter cloth to be fastened securely to wire mesh with staples.
- When no openings of filter cloth, clean each space shall be covered by the mesh and wire.
- Painted curb shall be removed as soon as possible after the curb is in place.

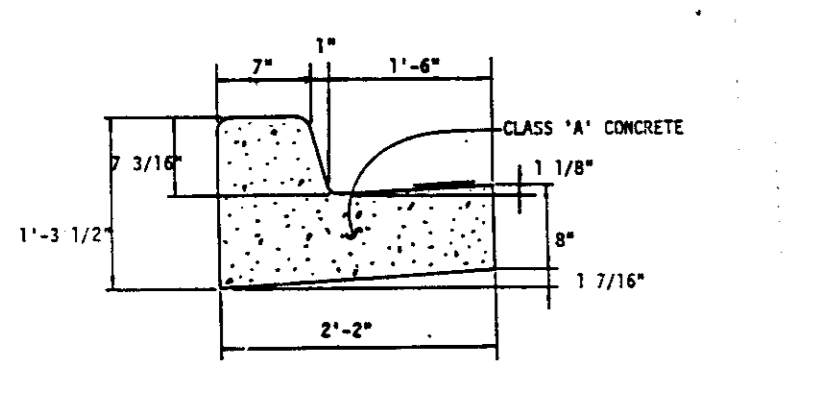
SILT FENCE
NOT TO SCALE



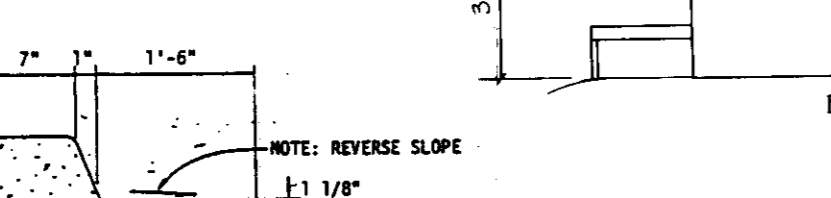
TYPICAL PARKING SPACE AND HDCP RAMP @ BLDG. #2
NOT TO SCALE



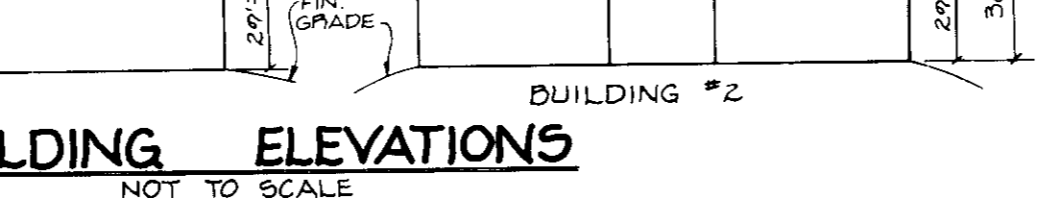
HANDICAPPED PARKING SIGN
NOT TO SCALE



CONCRETE CURB AND GUTTER
NOT TO SCALE

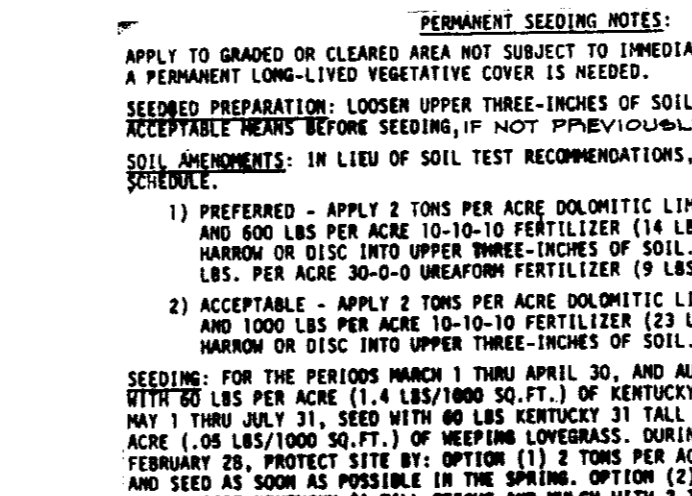


BUILDING ELEVATIONS
NOT TO SCALE

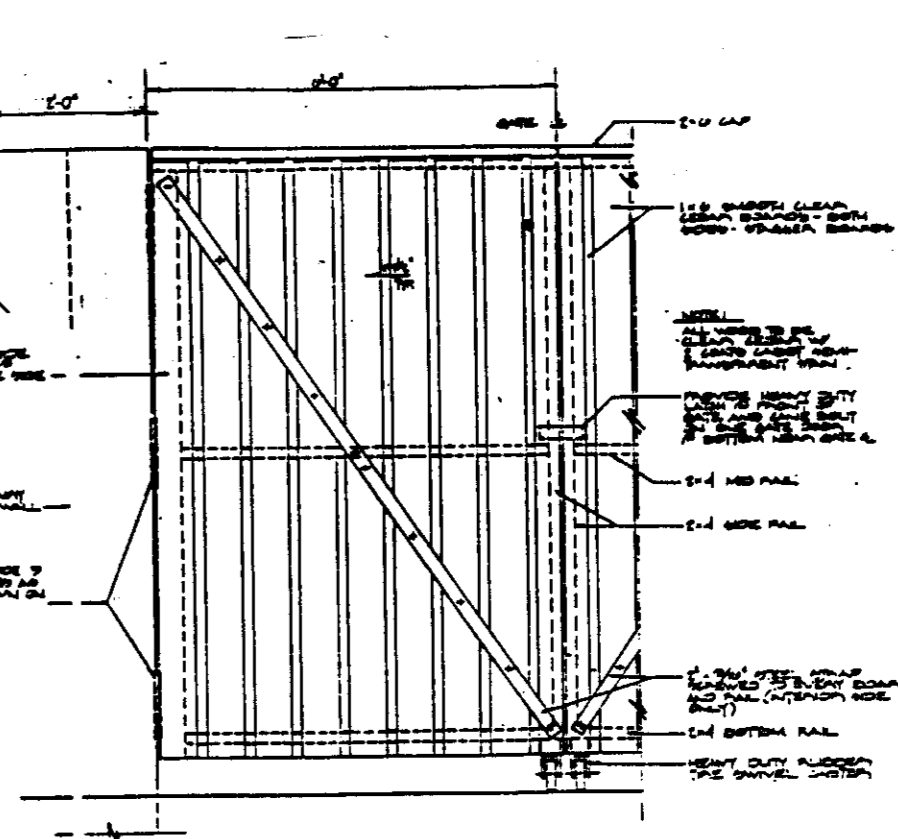


HANDICAPPED PARKING SIGN (DOUBLE)
NOT TO SCALE

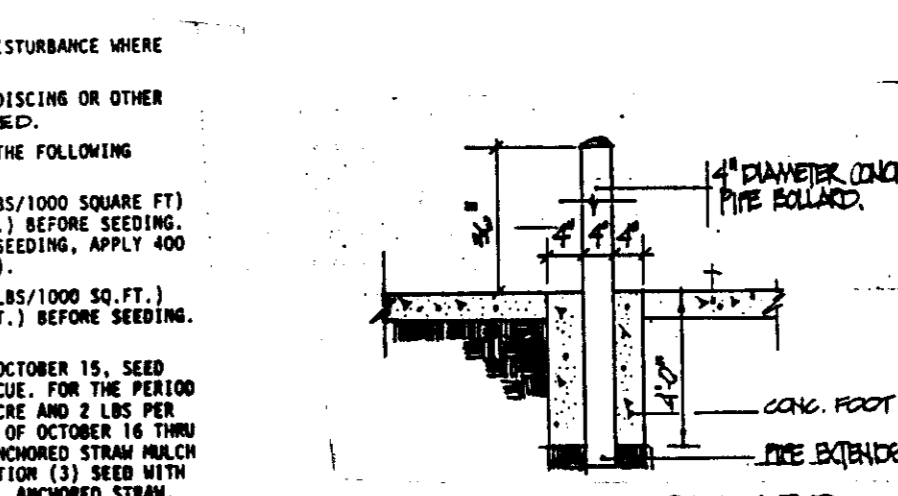
P-I PAVING SECTIONS
NOT TO SCALE



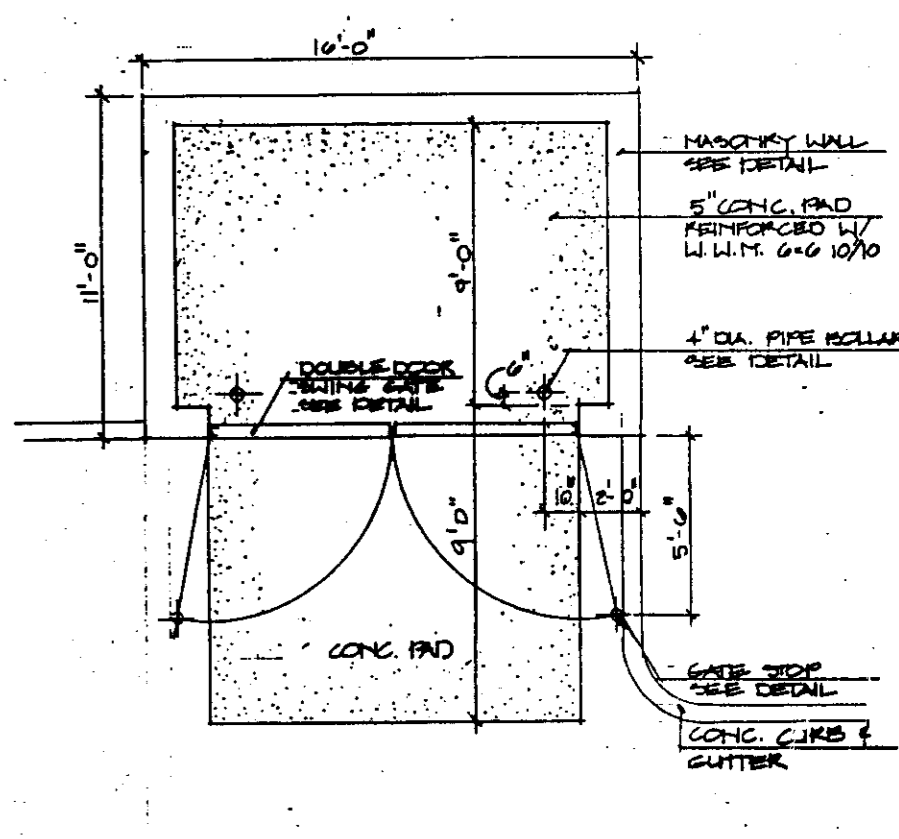
GATE STOP ELEVATION



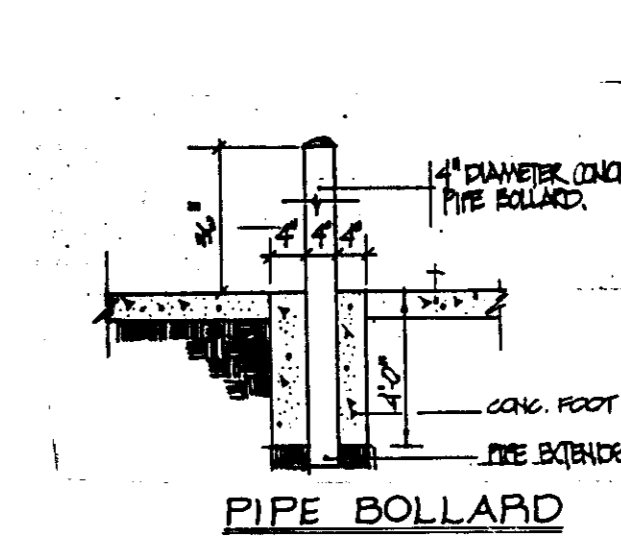
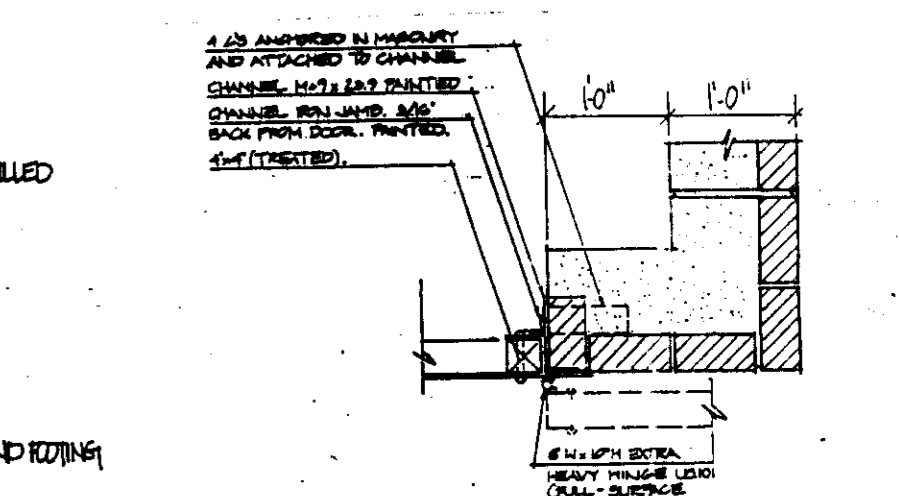
INTERIOR ELEVATION



WALL SECTION

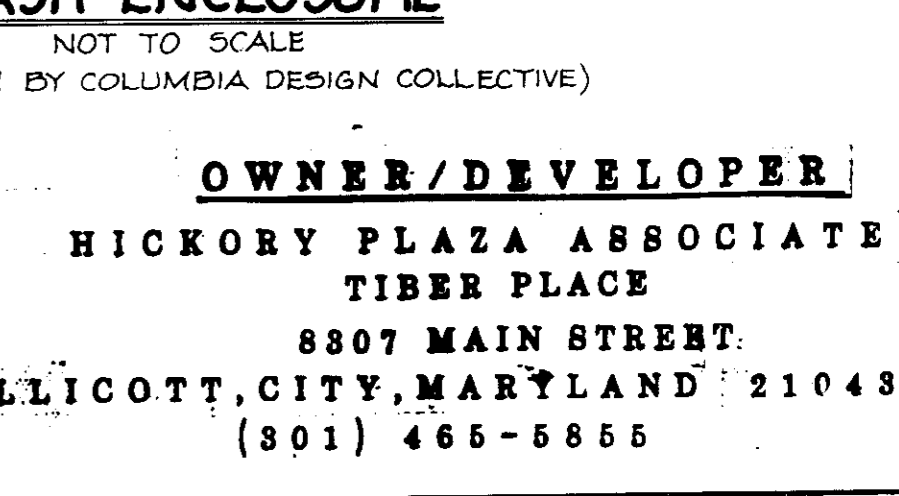


PLAN VIEW



PIPE BOLLARD

JAM DETAIL



Dewberry & Davis
ARCHITECTS ENGINEERS PLANNERS SURVEYORS
3300 N. Ridge Road
Suite 100
Ellicott City, Maryland 21043
(301) 461-7478 BALTIMORE
(301) 621-4970 WASHINGTON

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 REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Signature of Engineer
DATE: 5/10/88

DEVELOPER'S CERTIFICATE
I HEREBY CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AS 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 OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

Signature of Developer
DATE: 6/10/87

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

Signature of Reviewer
DATE: 5/13/88

U.S. SOIL CONSERVATION SERVICE

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

APPROVED: *Signature*
DATE: 5-20-88

APPROVED: OFFICE OF PLANNING AND ZONING

Signature
DATE: 5-23-88

PLANNING DIRECTOR

APPROVED: DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

Signature
DATE: 5-23-88

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

Signature
DATE: 5-20-88

HEALTH OFFICER

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

Signature
DATE: 5/12/88

DIRECTOR, PUBLIC WORKS

PROPERTY NAME: HICKORY PLAZA
SECTION/AREA: 45
PARCEL NUMBER: 45

LISEM/FOLIO: 278/153
BLOCK NO: 5
ZONE: POP
TAX/ZONE: 95
ELEC. DIST.: 5th
CENSUS TR: 4053.02

WATER CODE: 107
SEWER CODE: 5327300

NOTES & DETAILS

HICKORY PLAZA

TAX MAP 35
PARCEL 45

5th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

JUNE 11, 1987
SHEET 7 OF 7

REV. AUG. 31, 1987
SCALE: AS SHOWN

S.D.P. - 87-248