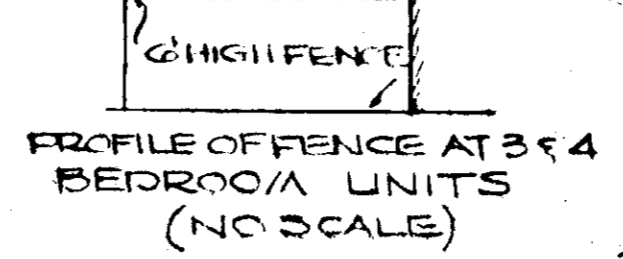
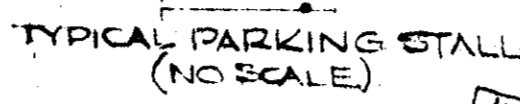
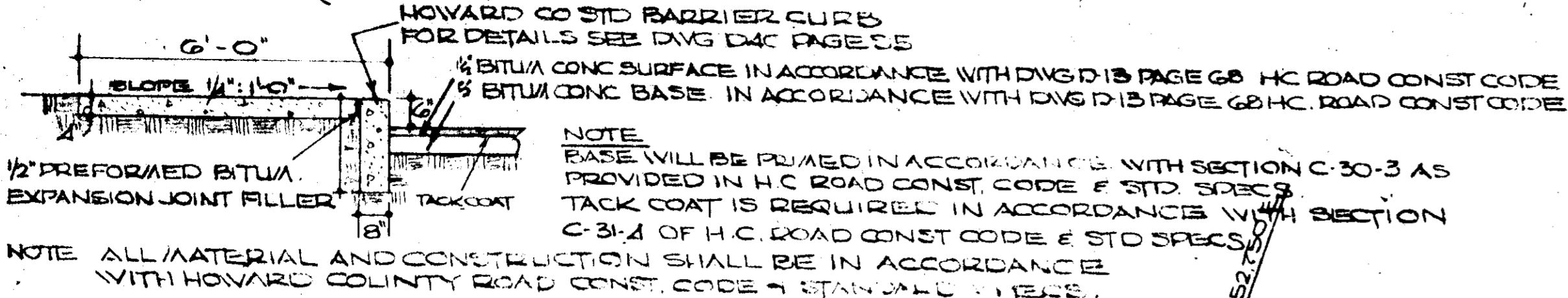
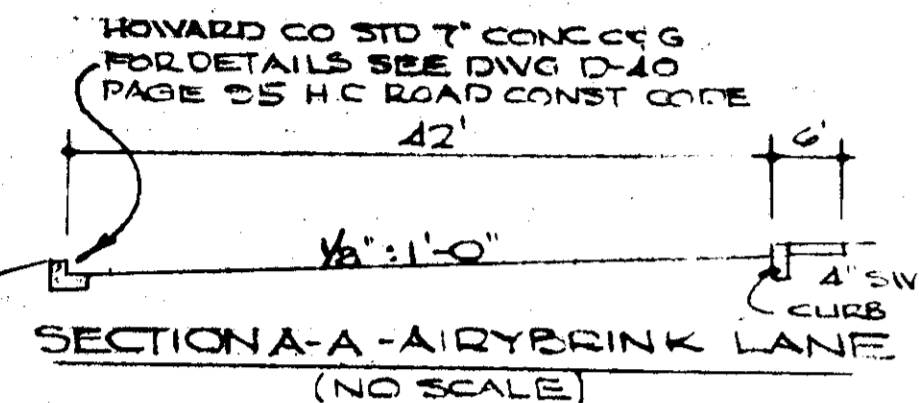
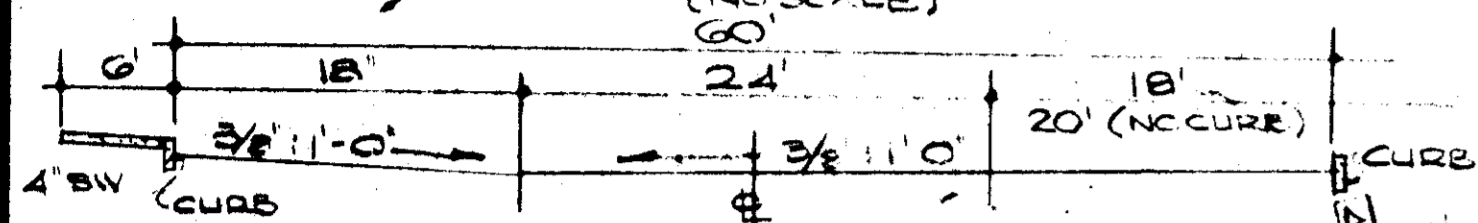


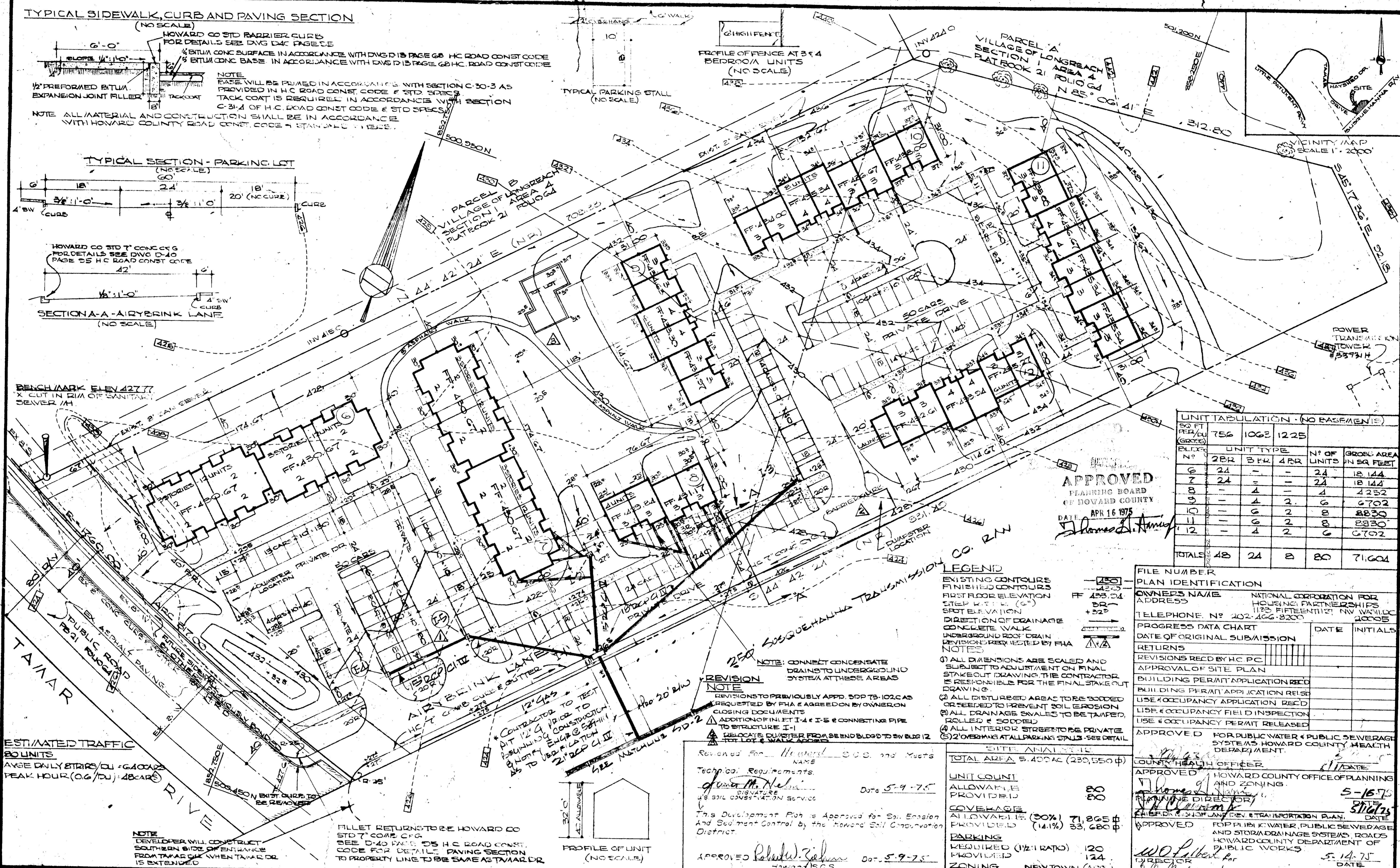
TYPICAL SIDEWALK, CURB AND PAVING SECTION
(NO SCALE)



TYPICAL SECTION - PARKING LOT
(NO SCALE)



BENCHMARK ELEV 427.77
X CUT IN DIA OF SANITARY SEWER 1/4"



UNIT TABULATION - (NO BASEMENTS)

BLDG. NO.	UNIT TYPE	Nº OF UNITS	GROSS AREA IN SQ FEET	
6	2BR	24	18,144	
7	2 1/2	24	18,144	
8	4	4	4,252	
9	4	2	6,702	
10	6	2	8,830	
11	6	2	8,830	
12	4	2	6,702	
TOTALS	48	24	80	71,604

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE APR 16 1975
James D. Amey

LEGEND

- EXISTING CONTOURS
- FINISHED CONTOURS
- FIRST FLOOR ELEVATION
- STEP ELEVATION (6")
- SPOT ELEVATION
- DIRECTION OF DRAINAGE
- CONCRETE WALK
- UNDERGROUND ROOF DRAIN
- REVISIONS REQUESTED BY FHA
- NOTES

- ALL DIMENSIONS ARE SCALED AND SUBJECT TO ADJUSTMENT ON FINAL STAKEOUT DRAWING. THE CONTRACTOR IS RESPONSIBLE FOR THE FINAL STAKEOUT DRAWING.
- ALL DISTURBED AREAS TO BE SOODED OR SEEDED TO PREVENT SOIL EROSION.
- ALL DRAINAGE SWALES TO BE TAMPED, ROLLED & SOODED.
- ALL INTERIOR STREETS TO BE PRIVATE.
- 2' OVERHANGS AT ALL PARKING SPACES - SEE DETAIL.

REVISION NOTE

REVISIONS TO PREVIOUSLY APPROV. SDP 75-102C AS REQUESTED BY FHA & AGREED ON BY OWNER'S CLOSING DOCUMENTS
ADDITION OF INLET I-4 & I-5 & CONNECTING PIPE TO STRUCTURE I-1
RELOCATE DUMPSTER FROM SE END BLDG TO SW END BLDG 12 FOR LOT & WALK ACCESS

Reviewed for Howard Co. Ord. and Meets Technical Requirements
Quinn M. Nelson Date 5-9-75
SIGNATURE
U.S. SOIL CONSERVATION SERVICE

This Development Plan is Approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District.
APPROVED *Robert J. ...* Date 5-9-75
HOWARD CO. S.C.S.

SITE ANALYSIS

TOTAL AREA	8,400 AC (280,850 ft ²)
UNIT COUNT	80
ALLOWABLE PROVIDED	80
COVERAGE	
ALLOWABLE (30%)	71,865 ft ²
PROVIDED (14.1%)	33,680 ft ²
PARKING REQUIRED (1/2:1 RATIO)	120
PROVIDED	124
ZONING	NEW TOWN (A1C)

FILE NUMBER
PLAN IDENTIFICATION

OWNERS NAME NATIONAL CORPORATION FOR HOUSING PARTNERSHIPS
ADDRESS 1125 FIFTEENTH ST. NW WASHINGTON DC 20005
TELEPHONE NO. 202-466-8200

DATE	INITIALS
DATE OF ORIGINAL SUBMISSION	
REVISIONS REC'D BY H.C. PC	
APPROVAL OF SITE PLAN	
BUILDING PERMIT APPLICATION REC'D	
BUILDING PERMIT APPLICATION REISSUED	
USE & OCCUPANCY APPLICATION REC'D	
USE & OCCUPANCY FIELD INSPECTION	
USE & OCCUPANCY PERMIT RELEASED	

APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT.

COUNTY HEALTH OFFICER
APPROVED *James D. Amey* DATE 5-16-75
HOWARD COUNTY OFFICE OF PLANNING AND ZONING

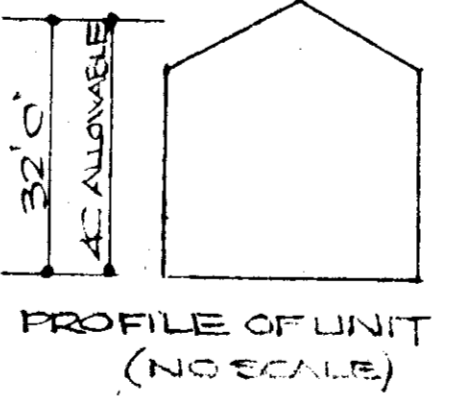
PLANNING DIRECTOR
APPROVED *James D. Amey* DATE 5-14-75
FOR PUBLIC WATER (PUBLIC SEWERAGE AND STORAGE DRAINAGE SYSTEMS), ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR
APPROVED *W. O. ...* DATE 5-14-75
CHIEF BUREAU OF HIGHWAYS

ESTIMATED TRAFFIC
80 UNITS
AVG DAILY STRIPS/OU - 6400 CARS
PEAK HOUR (O.G./DU) - 48 CARS

NOTE: DEVELOPER WILL CONDUCT SOUTHERN SIDE OF ENHANCEMENT FROM TAMAR DR. WHEN TAMAR DR. IS EXTENDED

FILLET RETURNS TO BE HOWARD CO. STD 7" CONC. OF G. SEE D-40 PAGE 05 H.C. ROAD CONST. CODE FOR DETAILS. PAVING SECTION TO PROPERTY LINE TO BE SAME AS TAMAR DR.



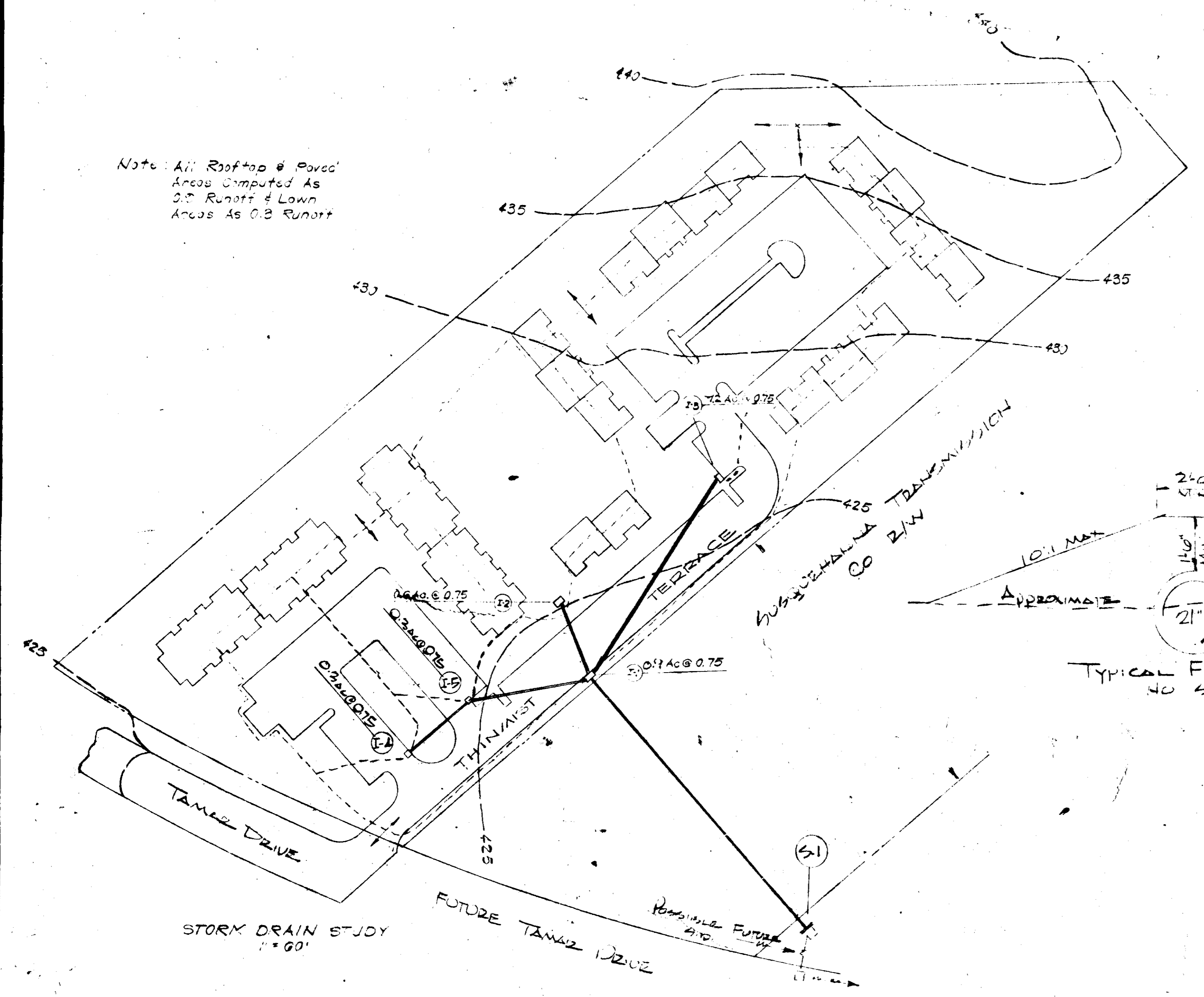
SEYBOLT, GORE, NEWQUIST & BERLINSKY
CIVIL ENGINEERS & LAND SURVEYORS
1111 BONIFANT STREET
SILVER SPRING, MARYLAND
589-1111

COLLINS & KRONSTADT code: 301
LEAHY · HOGAN · COLLINS 587-8642
architects · planners · engineers
1111 spring street · silver spring, maryland

REVISIONS APPROVED SDP 75-102C
SITE GRADING & STORM DRAINAGE PLAN PHASE II
VILLAGE OF LONGREACH 6TH ELECTION DISTRICT
PARCEL C SECTION 1 AREA 4 PLAT BOOK 21 FOLIO 64
FINAL DEVELOPMENT PLAN PHASE I O3 PR 21 POLCS 42-44 COLLINS & IA MD.

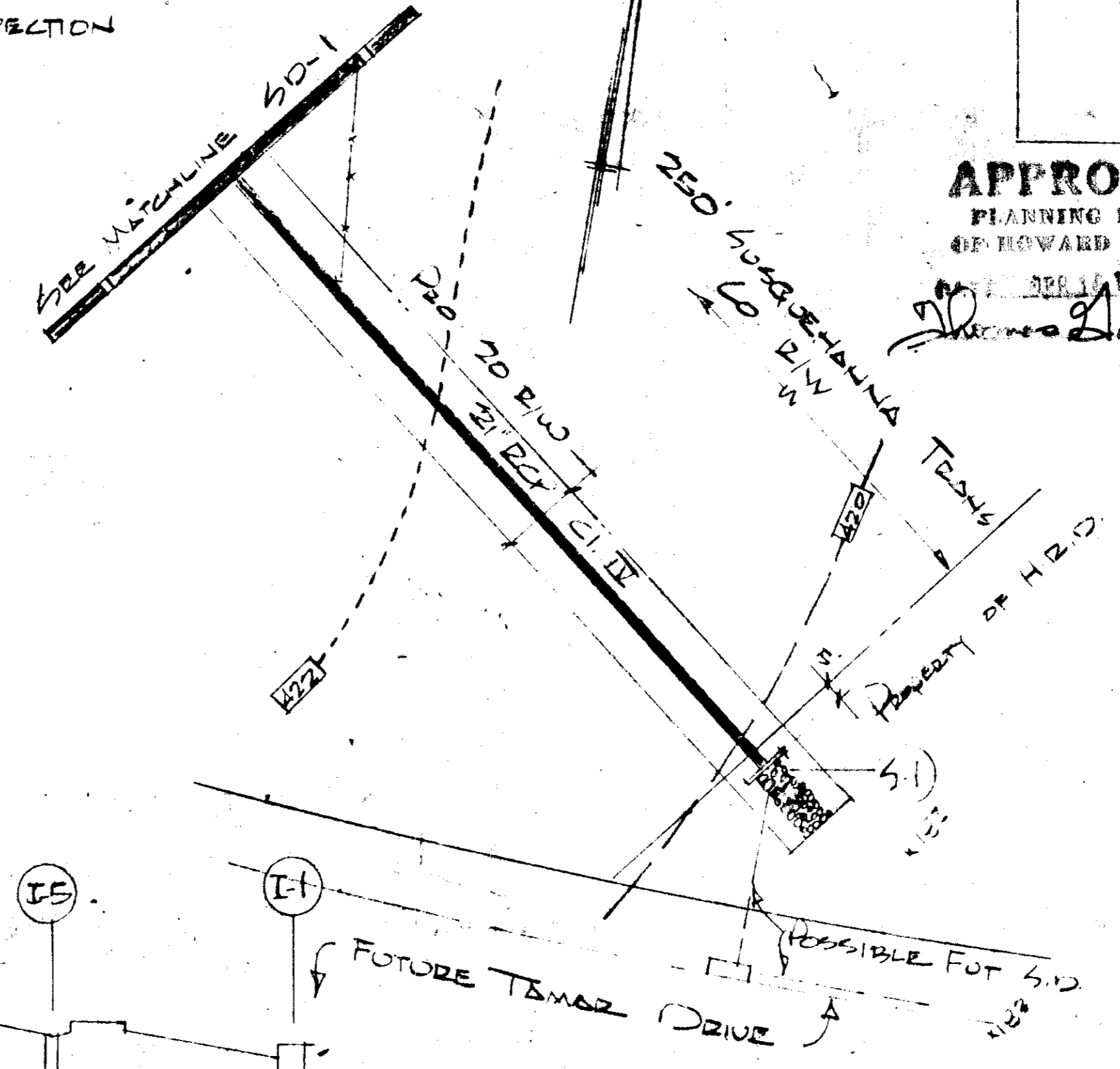
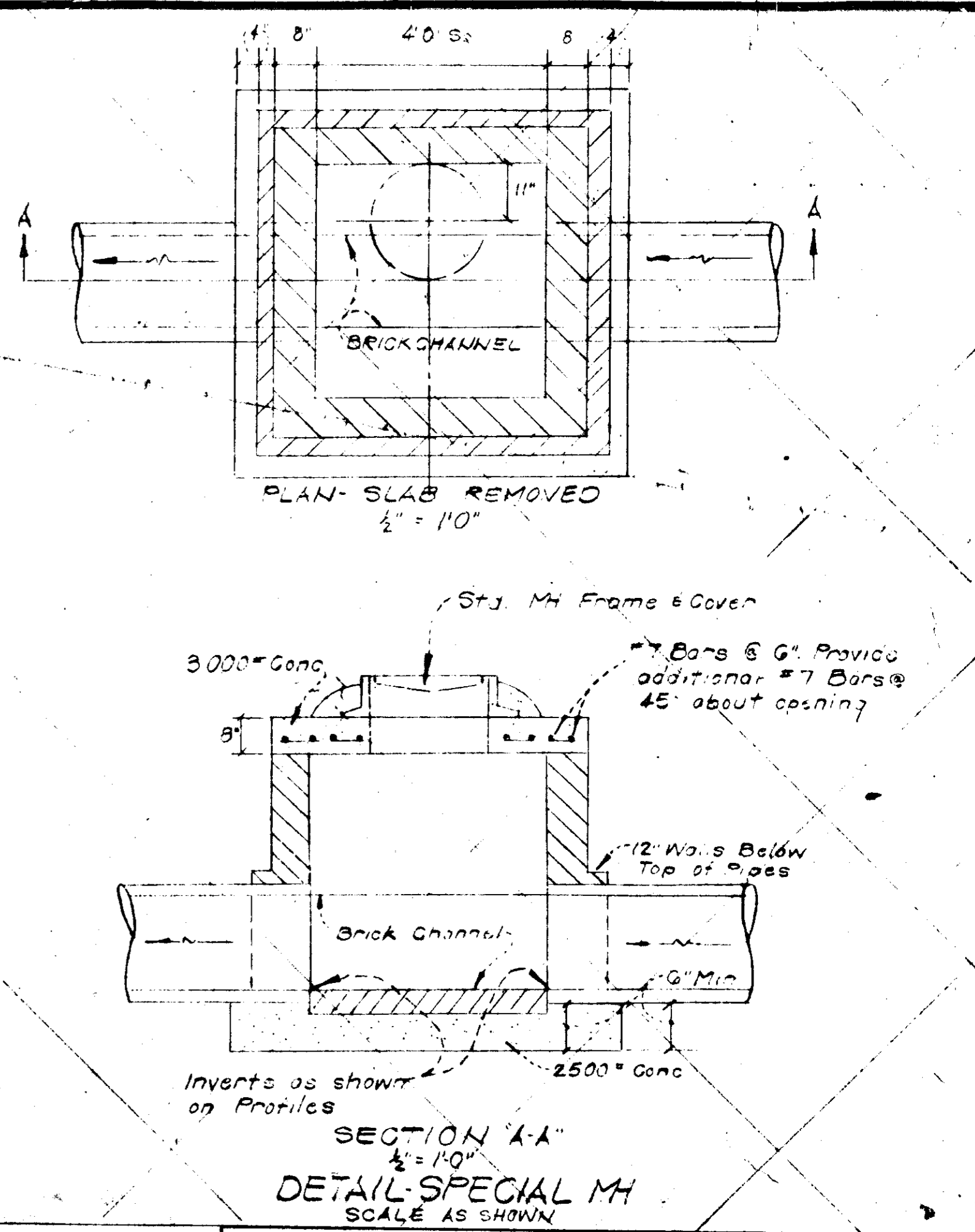
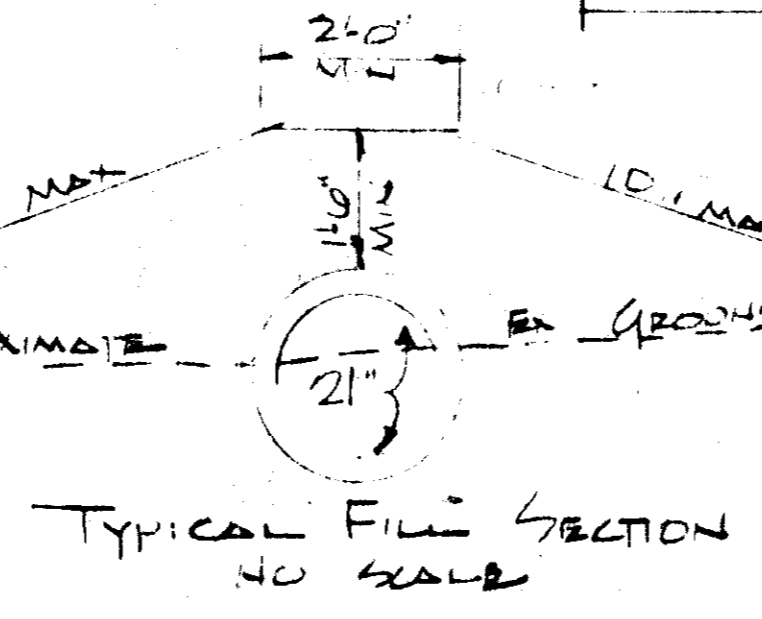
SD-1

Note: All Rooftop & Paved Areas Computed As 0.8 Runoff & Lawn Areas As 0.3 Runoff



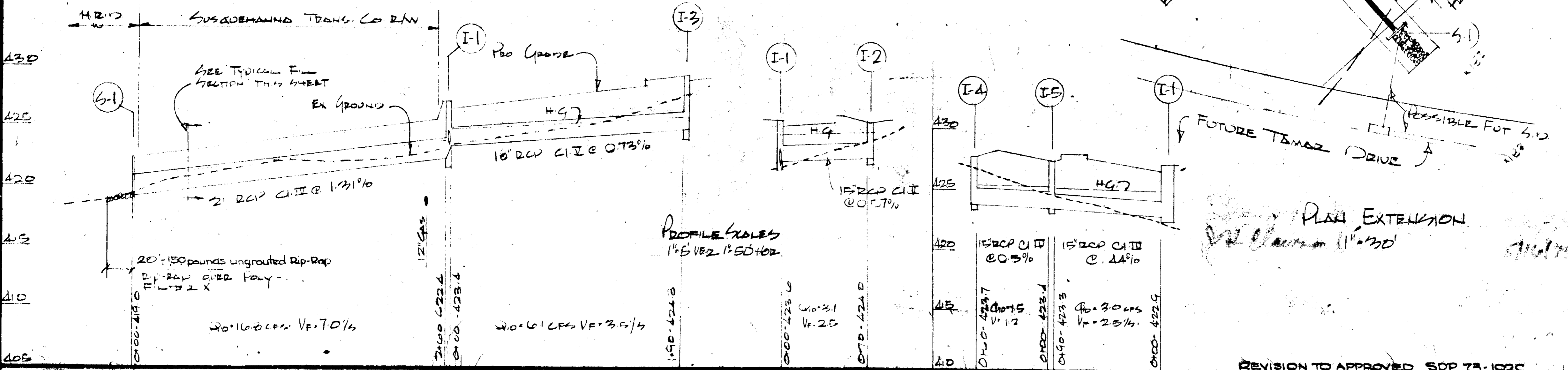
No.	TYPE	INV. IN	INV. OUT	TOP
I-1	Howard Co Std A10 Inlet Dwg 614 Page 110A	423.4	422.4	427.0
I-2	Mo. S.R.C. 'S' 11/8" - 379.01	-	424.0	427.0
I-3	Howard Co Std A10 Inlet Dwg 614 Page 110A	-	424.8	429.2
M-1	Special MH see detail section	425.8	424.5	428.6
S-1	Mo. S.R.C. 'C' No. (24) 354.01	419.0	-	-
I-4	" " " " " " 379.01	-	423.7	427.0
I-5	" " " " " " " "	423.4	423.3	427.3

SIZE	TYPE	LENGTH
15"	RCP C1 IV	48'
15"	RCP C1 II	77'
18"	RCP C1 II	100'
24"	RCP C1 IV	200'
15"	RCP C1 II	150'



APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 5-9-75
Signature: [Handwritten]

Reviewed For: Howard NAME SCS and Meets
Technical Requirements.
DATE 5-9-75
APPROVED [Signature] DATE 5-9-75
HOWARD SCS



File Number
Plan Identification
Applicant's Name
Address
Telephone No.
Progress Data Chart
Date of Original Submission
Returns
Revisions Received by H.C.P.C.
Approval of Site Plan
Building Permit Application Received
Building Permit Application Released
Use & Occupancy Application Received
Use & Occupancy Field Inspection
Use & Occupancy Permit Released

APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS
Howard County Health Department
COUNTY HEALTH OFFICER
DATE 5/13/75
APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
DATE 5-16-75
APPROVED [Signature] DATE 5/16/75
APPROVED FOR PUBLIC WATER PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
DIRECTOR DATE 5-14-75
CHIEF BUREAU OF HIGHWAYS DATE 5/13/75

	BEYBOLT GORE, NEWQUIST & BERLINSKY CIVIL ENGINEERS & LAND SURVEYORS 1111 BOJIFANT STREET SILVER SPRING, MARYLAND 589-1111	COLLINS & KRONSTADT LEAHY HOGAN COLLINS architects · planners · engineers 1111 spring street · silver spring, maryland	Code 301 587-8642	STORY DRAINAGE STUDY, PROFILES & SPECIAL DETAIL VILLAGE OF LANSREACH - 6TH ELECTION DISTRICT PARCELS SECTION 7 AREA 4 PLAT BOOK 21 FOLIO 64 FINAL DEVELOPMENT PLAN PHASE 103 P. 21 FOLIO 42-44 COL. MD.	7009 FEBRUARY 75 SHOWN	SD-2
	REVISED 5/13/75 ISSUED 5/13/75 FIRM COMMITTEE JAN 1975	FEA 25, 175	REVISION TO APPROVED SDP 75-102C	7009 FEBRUARY 75 SHOWN	7009 FEBRUARY 75 SHOWN	SDP-75-514

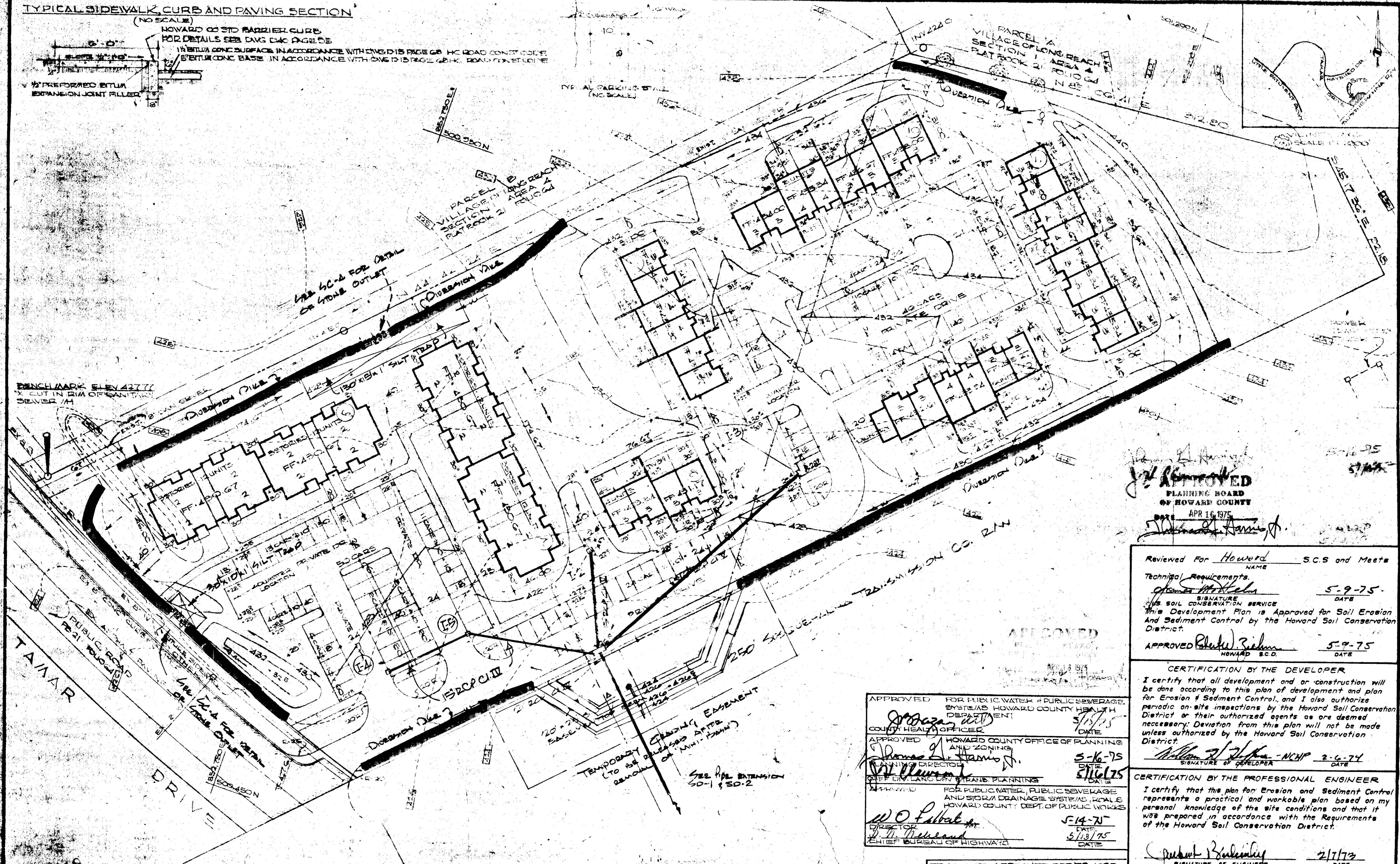
TYPICAL SIDEWALK CURB AND PAVING SECTION

(NO SCALE)

HOWARD CO STD BARRIER CURB
FOR DETAILS SEE DWG 040 PAGE 05
1" BITUM CONC SURFACE IN ACCORDANCE WITH ENG D 13 PAGE 04 HC ROAD CONSTRUCTION
2" BITUM CONC BASE IN ACCORDANCE WITH ENG D 13 PAGE 04 HC ROAD CONSTRUCTION

1/2" PREFORMED BITUM
EXPANSION JOINT FILLER

BENCHMARK ELEV 427.77
X CUT IN DIM OF SANITARY
SEWER 7/4



John A. Harris
APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE APR 16 1975
Thomas A. Harris

Reviewed For Howard NAME S.C.S and Meets
Technical Requirements
Thomas A. Harris DATE 5-9-75
This Development Plan is Approved for Soil Erosion
And Sediment Control by the Howard Soil Conservation
District.
APPROVED *Richard S. Helm* DATE 5-9-75
HOWARD S.C.D.

CERTIFICATION BY THE DEVELOPER
I certify that all development and or construction will
be done according to this plan of development and plan
for Erosion & Sediment Control, and I also authorize
periodic on-site inspections by the Howard Soil Conservation
District or their authorized agents as are deemed
necessary. Deviation from this plan will not be made
unless authorized by the Howard Soil Conservation
District.
William J. Harris - NCEP DATE 2-6-74
SIGNATURE OF DEVELOPER

APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE
SYSTEMS HOWARD COUNTY HEALTH
DEPARTMENT
John A. Harris DATE 5/18/75
COUNTY HEALTH OFFICER
APPROVED HOWARD COUNTY OFFICE OF PLANNING
AND ZONING
Thomas A. Harris DATE 5-16-75
PLANNING DIRECTOR
Ray Lawson DATE 5/16/75
CHIEF DIVISION OF STRATEGIC PLANNING
APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE
AND STORM DRAINAGE SYSTEMS, LOCAL
HOWARD COUNTY DEPT. OF PUBLIC WORKS
W. O. Palkov DATE 5-14-75
DIRECTOR
W. M. McLeod DATE 5/18/75
CHIEF BUREAU OF HIGHWAYS

CERTIFICATION BY THE PROFESSIONAL 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.
Robert B. Bales DATE 2/17/75
SIGNATURE OF ENGINEER

SEYBOLT, GORE, NENQUIST & BERLUSKY
CIVIL ENGINEERS & LAND SURVEYORS
501 EAST STREET
SILVER SPRING, MARYLAND
20910

COLLINS & KRONSTADT
LEAHY, HOGAN, COLLINS
architects · planners · engineers
1111 Spring Street Silver Spring, Maryland

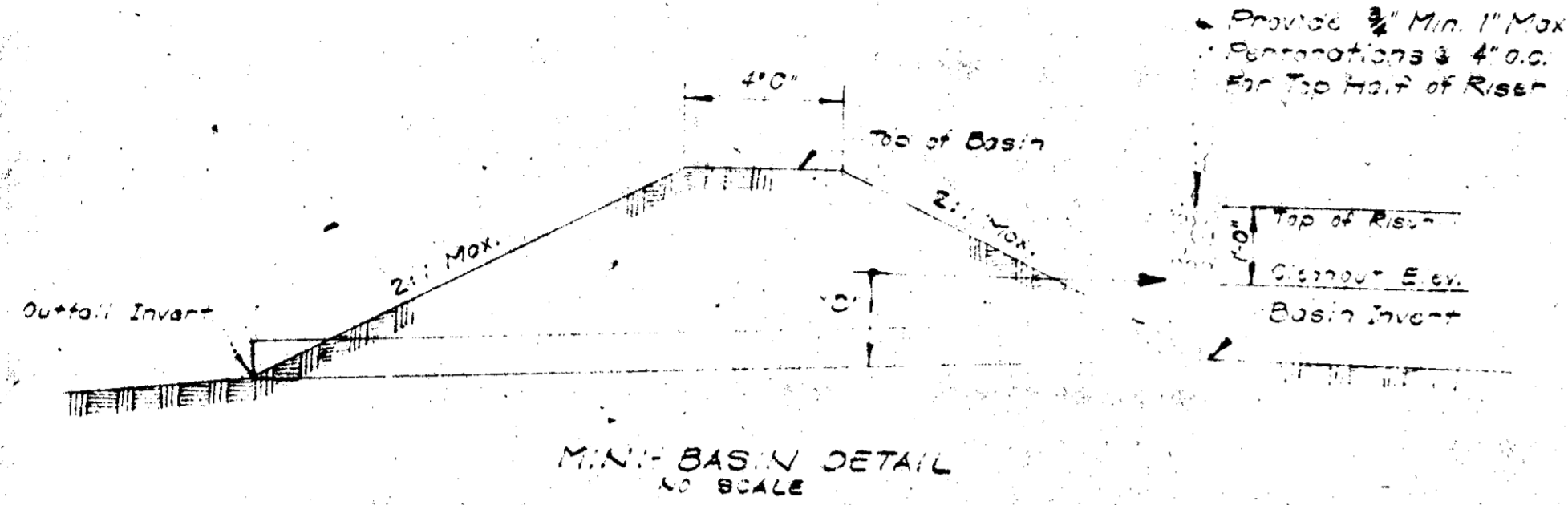
REVISION TO APPROVED SDP 73-102C
VILLAGE OF LONG REACH - 6th ELECTION DISTRICT
PARCEL C SECTION 1 AREA A PLAT BOOK 21 FOLIO 6A
FINAL DEVELOPMENT PLAN PHASE 1C3 PR. 21 FOLIOS 42-44 COLUMBIA MD
RAT 7365 A FEB 1975 1" = 30'

SID-3

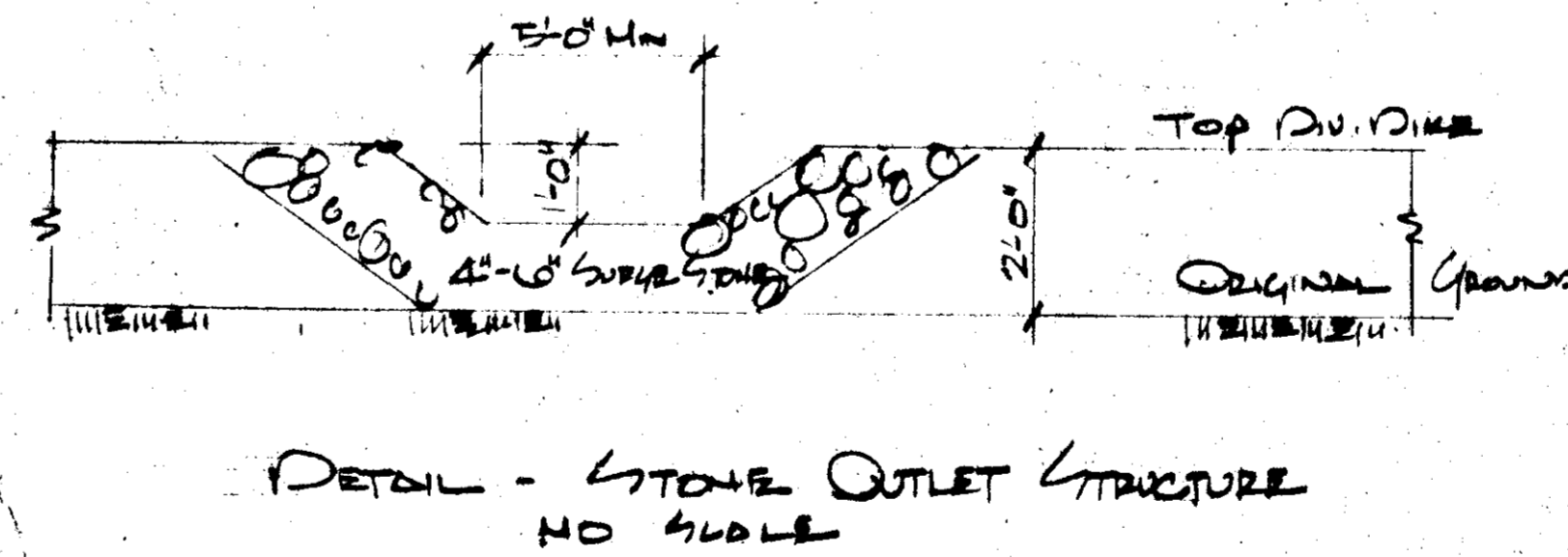
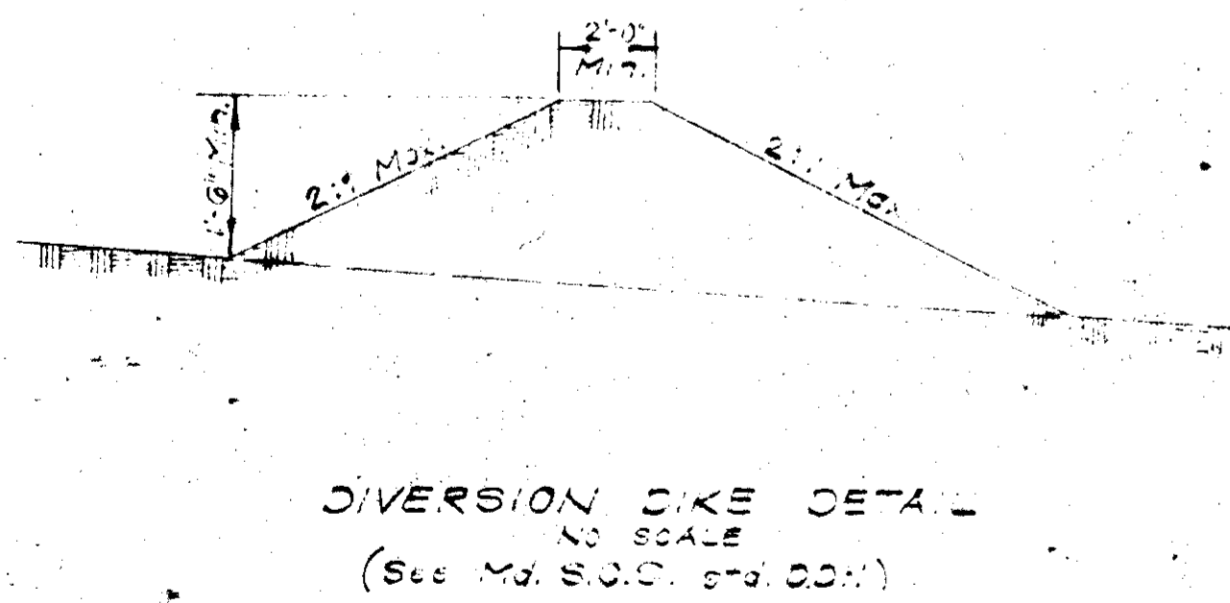
GENERAL NOTES

1. All construction shall be in accordance with the Standards & Specifications for Soil Erosion & Sediment Control in Urbanizing Areas.
2. Sediment Control measures shall be installed & stabilized according to this plan prior to any other grading, clearing, or disturbance of the existing surface of the site.
3. Channel measures are to remain in place until permission for their removal has been obtained from the Howard Soil Conservation District (468-8100, 465-5000, 4620).
4. Notify the Howard Soil Conservation District at the above numbers 24 hours in advance of starting work.
5. Storm Drains may be constructed provided all notes are to be observed & remain inoperative until upgrade areas have been stabilized unless otherwise shown.
6. Diversion dikes shown thus [Symbol]
7. The amount of excavating & fill to be shown on these plans to be completed to be 2000 cubic yards of excavating & 13000 cubic yards of fill.
8. Approval of this plan is conditional upon the approval of a Sediment Control Plan for the site by the Howard Soil Conservation District prior to the import of any borrow or export of any waste to or from the site.
9. Lawn & Embankment areas shall be stabilized in accordance with Sections 3.100 - 3.104 of the above Specifications & as follows:

Seeded Preparation
 A. Apply 2000 #/ac. of ground agricultural lime
 B. Apply 1000 #/ac. of 10-10-10 fertilizer
 Seeding
 70% Kentucky 31 Tall Fescue } 200 #/ac
 20% Bluegrass
 10% Annual Ryegrass
 MULCHING
 MULCH w/ UNWEATHERED STRAW @ 1/2 - 2 TONS/AC
 ANCHOR w/ LIQUID ASPHALT @ 480 GAL/AC



Basin #	Top Basin	Top Rise	Basin Inv.	Out. Inv.	Flow Rate	Depth	Volume	Area
1	426.5	425.0	422.0	421.8	3.6 GAL	12"	210 CY	210 CY
2								
3								
4								



APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER [Signature] DATE 4/17/75

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 PLANNING DIRECTOR [Signature] DATE 5-16-75

CHIEF DIVISION LAND DEVELOPMENT & TRANSPORTATION PLANNING [Signature] DATE 5-14-75

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS, ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR [Signature] DATE 5-14-75

CHIEF BUREAU OF HIGHWAYS [Signature] DATE 5-14-75

Reviewed for [Signature] S.C.S. and Meets Technical Requirements.
 [Signature] DATE 5-9-75

U.S.D.C. CONSERVATION SERVICE
 This Development Plan is Approved for Soil Erosion and Sediment Control by The Howard Soil Conservation District.
 APPROVED [Signature] DATE 5-9-75

CERTIFICATION BY THE DEVELOPER
 "I certify that all development and or construction will be done according to this plan of development and plan for Erosion & Sediment Control, and I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as and deemed necessary. Deviation from this will not be made unless authorized by the Howard Soil Conservation District."
 [Signature] DATE 2-6-74

CERTIFICATION BY THE PROFESSIONAL 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."
 [Signature] DATE 2/7/75

APPROVED PLANNING BOARD OF HOWARD COUNTY
 DATE APR. 16 1975
 [Signature]

SEYBOLT GORE, NEWQUIST & BERLINS
 CIVIL ENGINEERS & LAND SURVEYORS
 1111 BONIFANT STREET
 SILVER SPRING, MARYLAND
 589-1111

REVISED 6/72
 11/19/80 & 1/19/74
 FOR F.B.A. CONN.
 F.H.A.
 F.B.A. COMMIT.
 JAN 25 1974
 F.H.A.
 FEB 23 1975
 ISSUED

COLLINS & KRONSTADT code 301
 LEAHY · HOGAN · COLLINS 587-8642

architects · planners · engineers
 1111 spring street · silver spring, maryland

REVISIONS APPROVED SDP73-102C

SEDIMENT CONTROL PLAN DETAILS

VILLAGE OF LONGREACH - 6TH ELECTION DISTRICT
 PARCEL "C" SECTION 1 AREA 2 PLAT 1700L 21 FOLIO 60L
 FINAL DEVELOPMENT PLAN PHONE 103 P521 FOLIOS 42-44 COL. MD.

Q	7009-A	FEB 73	SHOWN
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514

DATE 2/7/75