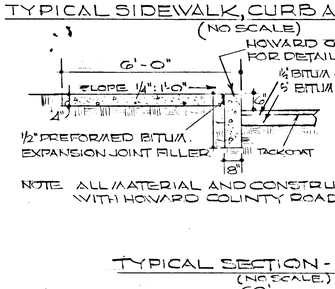
TYPICAL SIDEWALK, CURB AND PAVING SECTION
(NO SCALE)



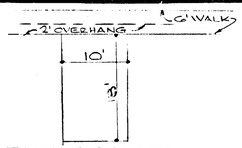
1½" BITUM. CONC SURFACE IN ACCORDANCE WITH DWG D-13 PAGE 69 H.C. ROAD CONST CODE
5" BITUM. CONC BASE IN ACCORDANCE WITH DWG D-13 PAGE 69 H.C. ROAD CONST CODE

NOTE
BASE WILL BE PRIMED IN ACCORDANCE WITH SECTION C-30-3 AS PROVIDED IN H.C. ROAD CONST. CODE & STD. SPECS.
TACK COAT IS REQUIRED IN ACCORDANCE WITH SECTION C-31-1 OF H.C. ROAD CONST CODE & STD SPECS.

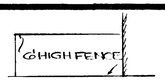
NOTE ALL MATERIAL AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH HOWARD COUNTY ROAD CONST. CODE & STANDARD SPECS.

TYPICAL SECTION - PARKING LOT
(NO SCALE)

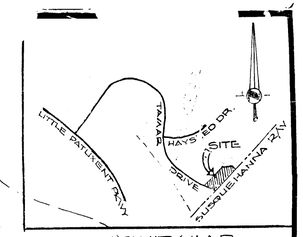
SECTION A-A - AIRY BRINK LANE
(NO SCALE)



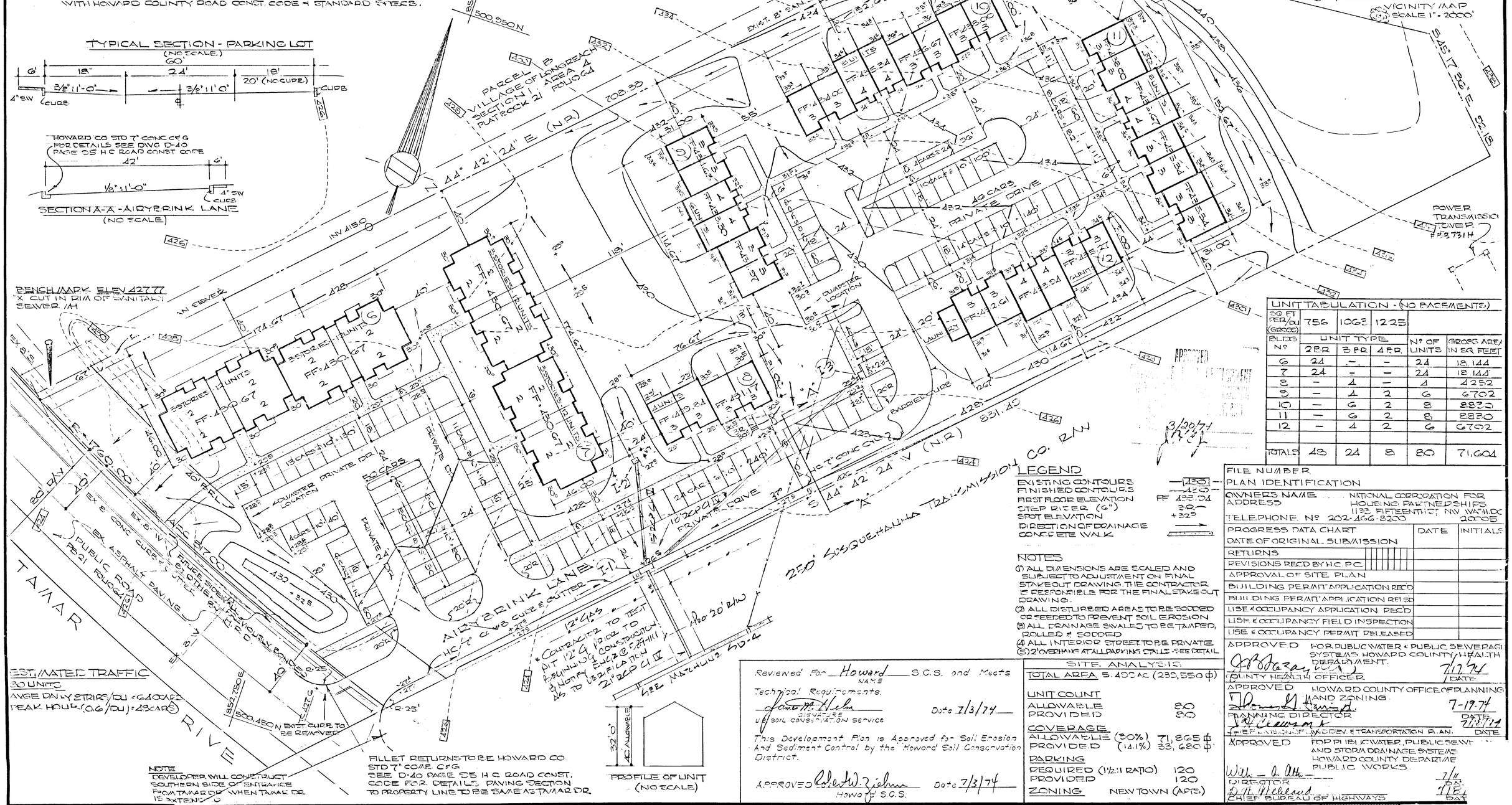
TYPICAL PARKING STALL
(NO SCALE)



PROFILE OF FENCE AT 3 & 4 BEDROOM UNITS
(NO SCALE)



VICINITY MAP
SCALE 1" = 2000'



UNIT TABULATION - (NO BASEMENTS)

BLDG Nº	UNIT TYPE 2BR	3BR	4BR	Nº OF UNITS	GROSS AREA IN SQ FEET
SQ FT PER DU (GROSS)	756	1063	1225		
6	24	–	–	24	18,144
7	24	–	–	24	18,144
8	–	4	–	4	4252
9	–	4	2	6	6702
10	–	6	2	8	8830
11	–	6	2	8	8830
12	–	4	2	6	6702
TOTALS	48	24	8	80	71,604

LEGEND

EXISTING CONTOURS	430
FINISHED CONTOURS	420
FIRST FLOOR ELEVATION	FF 432.04
STEP RISER (6")	3R
SPOT ELEVATION	+32.5
DIRECTION OF DRAINAGE	
CONCRETE WALK	

NOTES
(1) ALL DIMENSIONS ARE SCALED AND SUBJECT TO ADJUSTMENT ON FINAL STAKEOUT DRAWING. THE CONTRACTOR IS RESPONSIBLE FOR THE FINAL STAKEOUT DRAWING.
(2) ALL DISTURBED AREAS TO BE SODDED OR SEEDED TO PREVENT SOIL EROSION
(3) ALL DRAINAGE SWALES TO BE TAMPED, ROLLED & SODDED
(4) ALL INTERIOR STREETS TO BE PRIVATE
(5) 2' OVERHANG AT ALL PARKING STALLS - SEE DETAIL

ESTIMATED TRAFFIC
80 UNITS
AVGE DAILY STRIPS/DU = 640 CARS
PEAK HOUR (0.6/DU) = 48 CARS

NOTE
DEVELOPER WILL CONSTRUCT SOUTHERN SIDE OF ENTRANCE FROM TAMAR DR WHEN TAMAR DR IS EXTENDED

PROFILE OF UNIT
(NO SCALE)

Reviewed for Howard (NAME) S.C.S. and Meets Technical Requirements.
(SIGNATURE) Date 7/3/74
U.S. SOIL CONSERVATION SERVICE

This Development Plan is Approved for Soil Erosion And Sediment Control by the Howard Soil Conservation District.

APPROVED Howard S.C.S. Date 7/3/74

SITE ANALYSIS

TOTAL AREA	5.400 AC (230,550 ☐)	
UNIT COUNT		
ALLOWABLE	80	
PROVIDED	80	
COVERAGE		
ALLOWABLE	(30%)	71,865 ☐
PROVIDED	(14.1%)	33,680 ☐
PARKING		
REQUIRED (1½:1 RATIO)	120	
PROVIDED	120	
ZONING	NEW TOWN (APTS)	

FILE NUMBER
PLAN IDENTIFICATION
OWNERS NAME NATIONAL CORPORATION FOR HOUSING PARTNERSHIPS
ADDRESS 1133 FIFTEENTH ST. NW WASH. DC 20005
TELEPHONE Nº 202-466-8200

PROGRESS DATA CHART	DATE	INITIALS
DATE OF ORIGINAL SUBMISSION		
RETURNS		
REVISIONS REC'D BY H.C.P.C.		
APPROVAL OF SITE PLAN		
BUILDING PERMIT APPLICATION REC'D		
BUILDING PERMIT APPLICATION REISD		
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 — DATE 7/17/74

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING
PLANNING DIRECTOR — DATE 7-19-74

CHIEF, DIVISION OF LAND DEV. & TRANSPORTATION PLAN. — DATE 7/22/74

APPROVED FOR PUBLIC WATER, PUBLIC SEWER AND STORM DRAINAGE SYSTEMS HOWARD COUNTY DEPARTMENT PUBLIC WORKS
DIRECTOR — DATE 7/11/74
CHIEF BUREAU OF HIGHWAYS — DATE 7/12/74

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

F.H.A. FIRM COMMITMENT JAN. 25 1974 ISSUED
SUBMITS DRAWING FOR CONSIDERATION ON THIS UNITS
F.H.A. FEB. 25, 1973 issued

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

SITE GRADING & STORM DRAINAGE PLAN
VILLAGE OF LONGREACH - 6TH ELECTION DISTRICT
PARCEL 'C' SECTION 1 AREA 1 PLAT BOOK 21 FOLIO 64
FINAL DEVELOPMENT PLAN PHASE 1C2 PB 21 FOLIOS 42-44 COLUMBIA MD

DRAWN	CHECKED	JOB NO	DATE	SCALE
R/MT		7069-A	FEB 1973	1" = 30'

SD-1

50P7

TYPICAL SIDEWALK, CURB AND PAVING SECTION

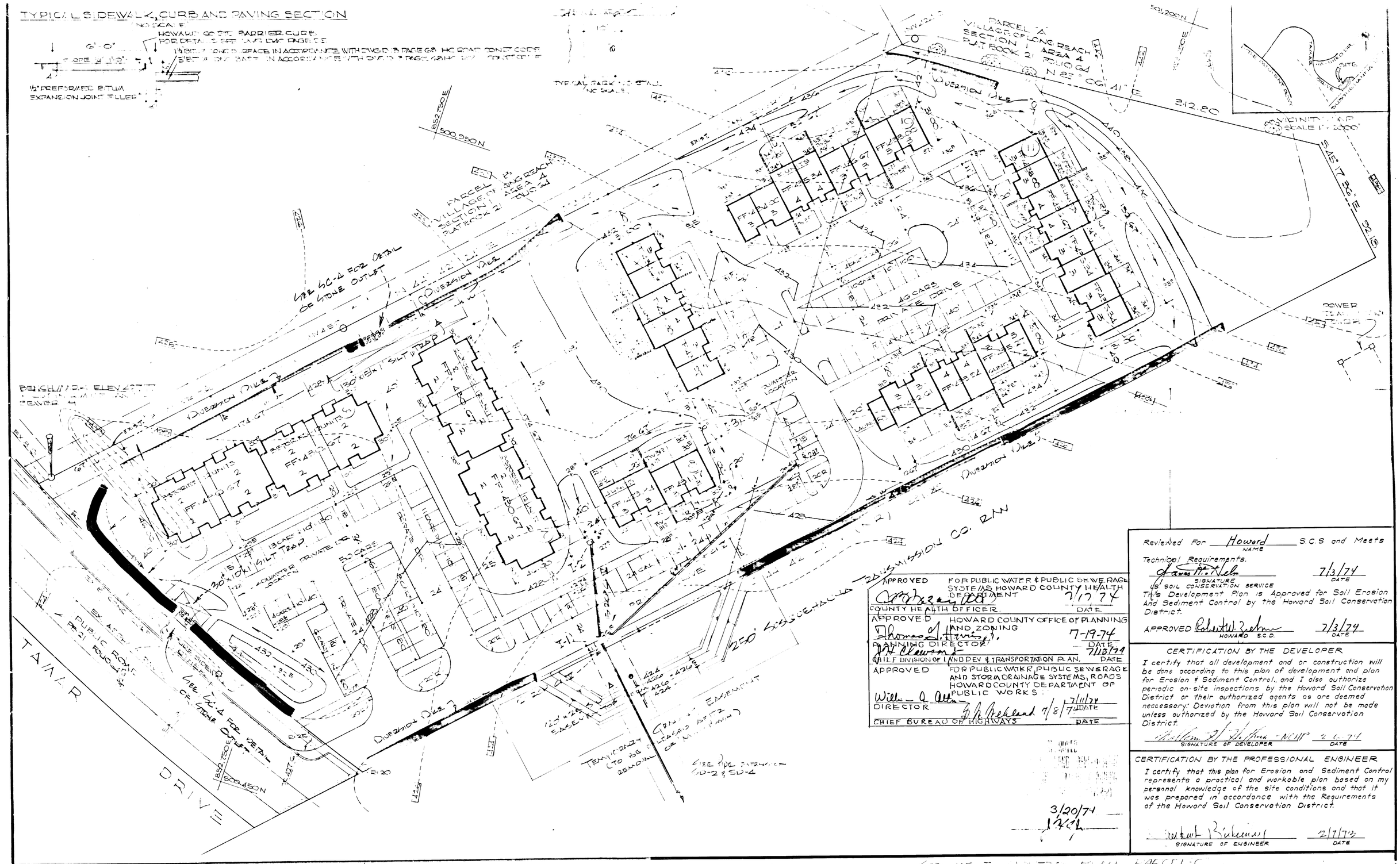
(NO SCALE)

HOWARD COUNTY BARRIER CURB

FOR DETAIL SEE LANDMAC ENGINEER

1½" PREFORMED BITUM. EXPANSION JOINT FILLER

TYPICAL PARKING STALL (NO SCALE)



APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT	7/7/74
COUNTY HEALTH OFFICER	DATE
APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING	7-19-74
PLANNING DIRECTOR	DATE
CHIEF DIVISION OF LAND DEV & TRANSPORTATION PLAN.	7/18/74 DATE
APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS, ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	
DIRECTOR	7/11/74 DATE
CHIEF BUREAU OF HIGHWAYS	7/8/74 DATE

Reviewed For Howard (NAME) S.C.S and Meets Technical Requirements.

James M. Nelson (SIGNATURE) US SOIL CONSERVATION SERVICE — 7/3/74 (DATE)

This Development Plan is Approved for Soil Erosion And Sediment Control by the Howard Soil Conservation District.

APPROVED Robert W. Zeiler (HOWARD S.C.D.) — 7/3/74 (DATE)

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 H. Hoffman - NCHP (SIGNATURE OF DEVELOPER) — 2-6-74 (DATE)

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 Bukowski (SIGNATURE OF ENGINEER) — 2/7/72 (DATE)

COLLINS & KRONSTADT
LEAHY · HOGAN · COLLINS
code 101
architects · planners · engineers
1111 spring street · silver spring maryland

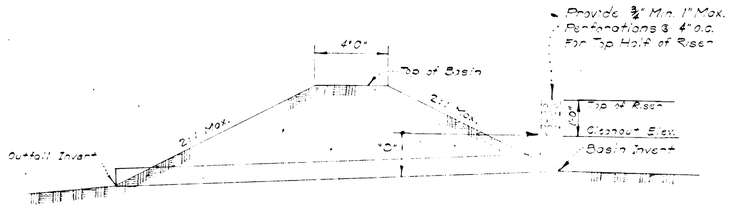
FINAL DEVELOPMENT PLAN

VILLAGE OF LONGREACH - SECTION 1 DISTRICT
AREA 4 PLAT BOOK 21 FOLIO 64

1" = 50'

SC-3

SDP73-102C



MINI-BASIN DETAIL
NO SCALE

MINI-BASIN TABULATION								
Basin #	Top Basin	Top Riser	Basin Inv.	Out Inv.	Drainage Area	C.O.	Volume Reqd.	Volume Provd.
1	426.5	425.0	422.0	421.8	3.66AC	127	240CY	240CY
2								
3								
4								

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. Control measures are to remain in place until permission for their removal has been obtained from the Howard Soil Conservation District (465-3180; 465-5000 x328)

4. Notify the Howard Soil Conservation District at the above numbers 24 hours in advance of starting work.

5. Storm Drainage may be constructed however all inlets are to be capped & remain inoperative until upgrade areas have been stabilized unless otherwise shown.

6. Diversion dikes shown thus [redacted]

7. The amount of excavation & fill as shown on these plans has been computed to be 2000 cubic yards of excavation & 13000 cubic yards of fill.

8. Approval of this plan is conditional upon the approval of a Sediment Control Plan for the disposal waste or borrow areas, prior to the import or any borrow or export of any waste to or from the site.

9. Lawn & Embankment areas shall be stabilized in accordance with Sections 3.00 - 3.04 of the above Specifications & as follows:

Seedbed Preparation
A. Apply 2000#/Ac. of ground agricultural lime
B. Apply 1000#/Ac. of 10-10-10 fertilizer

Seeding
70% Kentucky 31 Tall Fescue
20% " Bluegrass
10% Annual Rye Grass
} 200#/AC

MULCHING
MULCH W/ UNWEATHERED STRAW @ 1 1/2 - 2 TONS/AC
ANCHOR W/ LIQUID ASPHALT @ 480 GAL/AC

APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT	
COUNTY HEALTH OFFICER	DATE 7/17/74
APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING	
PLANNING DIRECTOR	DATE 7-19-74
CHIEF DIVISION OF LAND DEV & TRANSPORTATION PLAN	DATE 7/18/74
APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS, ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	
DIRECTOR	DATE 7/11/74
CHIEF BUREAU OF HIGHWAYS	DATE 7/8/74

Reviewed For Howard County S.C.S. and Meets Technical Requirements.

Signature 7/3/74 Date

U.S. Soil Conservation Service

The Development Plan is Approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District.

APPROVED Robert W. Zelm 7/3/74
Howard SCD Date

CERTIFICATION BY THE DEVELOPER

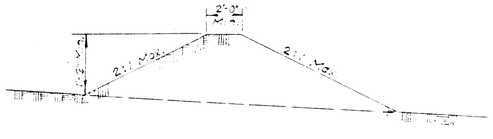
"I certify that all development and or construction will be done according to this plan of development and plan for Erosion & Sediment Control, and I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary. Deviation from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

William H. Fitzpatrick NWP 2-6-74
Signature of Developer Date

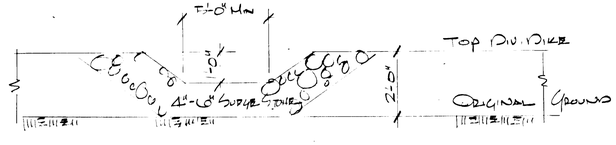
CERTIFICATION BY THE PROFESSIONAL ENGINEER

"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 L. Burkewitz 2/7/73
Signature of Engineer Date



DIVERSION DIKE DETAIL
NO SCALE
(See Howard S.C.S. std. 00-1)



DETAIL - STONE OUTLET STRUCTURE
NO SCALE

APPROVED
3/20/74

STATE OF MARYLAND — GORDON LEE BERLICKS — REGISTERED PROFESSIONAL ENGINEER

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

REVISED 4/10/74 — ISSUED 3/6/74 FOR FIRM COMMT.
REVISED TO FIT FOR FIRM COMMT. — EHA
FIRM COMMT. JAN 25 1974 — FHA
FINAL 23 1973 — FHA
issued

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

SEDIMENT CONTROL PLAN DETAILS

VILLAGE OF LONGREACH - 6TH ELECTION DISTRICT
PARCEL "C" SECTION 1 AREA 4 PLAT 4001-21 FOLIO 0-62
FINAL DEVELOPMENT PLAN PHASE 1C3, PLAT 21 FOLIOS 42-44 COL. MD.

DRAWN	CHECKED	JOB NO.	DATE	SCALE
G		7069-A	FEB 73	SHOWN

SC-4

SDP 73-102c