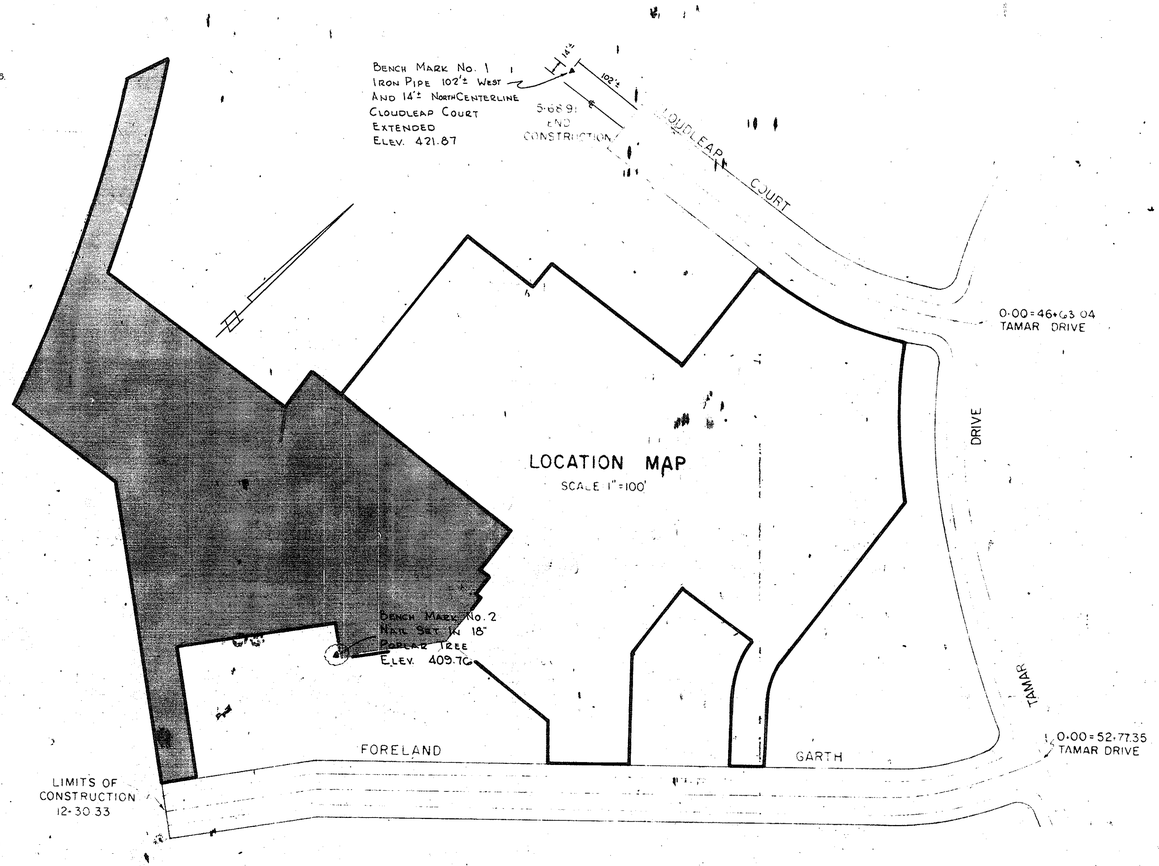
COLUMBIA

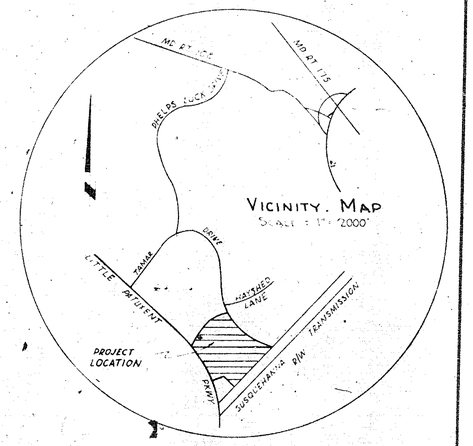
HOWARD COUNTY, MARYLAND
6th ELECTION DISTRICT

VILLAGE OF LONGREACH SECT. 1 AREA 5

GENERAL NOTES

1. NO ONSIDE GRADING SHALL BE DONE UNTIL SEDIMENT BASINS PREVIOUSLY APPROVED BY THE SOIL CONSERVATION SERVICE ARE COMPLETED. SEE FILE F-71-68
2. EXCEPT WHERE OTHERWISE NOTED ALL CONSTRUCTION MATERIALS AND DETAILS SHALL BE IN ACCORDANCE WITH THE LATEST REVISIONS OF THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
3. PUBLIC WATER AND SANITARY SEWER FACILITIES ARE AVAILABLE AND ADEQUATE
4. PROPOSED GRADE CONTOURS REPRESENT FINISHED GRADES. CONTRACTOR SHALL MAKE REQUIRED ALLOWANCES TO SUBGRADE FOR TOPSOIL, PAVING AND OTHER SURFACE FINISHES AS REQUIRED
5. LOCATION OF EXISTING UTILITIES IS APPROXIMATE ONLY AND IS OBTAINED FROM RECORD DRAWINGS.
6. PARKING LOT CURBS TO BE HOWARD COUNTY STANDARDS D-40 PG 95
7. PARKING LOT PAVING SHALL CONSIST OF 4" BITUMINOUS CONCRETE BASE (BAND C-2 OR C-3) AND 1" BITUMINOUS CONCRETE SURFACE (BAND C-3)
8. ALL PARKING LOT RADII TO BE 4' EXCEPT WHERE OTHERWISE NOTED.
9. ALL PARKING SPACES 10'x 20'
10. CONTOURS EXISTING ..... 460 ..... 1' INTERVAL
    PROPOSED ——— 460 ——— 1' INTERVAL
11. CONTRACTOR SHALL NOTIFY FOLLOWING UTILITY COMPANIES PRIOR TO COMMENCING WORK
    BELL TELEPHONE SYSTEM 393 3649
    LONG DISTANCE CABLE DIV. 393 3553
    BALTO GAS AND ELECTRIC CO. 539 8000 EXT 691.
12. ALL AREAS DISTURBED BY GRADING OR CONTRACTORS OPERATIONS NOT BEING PAVED, SHALL BE TOPSOILED, SEEDED AND MULCHED IN ACCORDANCE WITH THE FOLLOWING.
    A. PLACE 6" LAYER OF TOPSOIL TO FINISHED GRADE
    B. SPREAD PULVERIZED DOLOMITIC LIMESTONE AT RATE OF ONE TON PER ACRE
    C. SPREAD 10-10-10 COMMERCIAL GRADE FERTILIZER @ RATE OF 600 LBS PER ACRE AND IMMEDIATELY DISC INTO TOPSOIL TO THE DEPTH OF 3"
    D. SEED PREPARED AREAS AT RATE OF 70 LBS PER ACRE USING KENTUCKY FESCUE 31
    E. MULCH ALL AREAS IMMEDIATELY AFTER SEEDING WITH UNWEATHERED SMALL GRAIN STRAW OR HAY AT RATE OF 1.5 TONS/ACRE. SPRAY MULCH WITH EMULSIFIED ASPHALT (PS-1 OR 2) AT RATE OF 0.24 GAL / SQ. YD.
13. GRADE AT ALL INLETS TO PROVIDE POSITIVE FLOW TO INLETS. ALL INLETS TO BE CAPPED PRIOR TO CONSTRUCTION. CAP SHALL BE 1/4" THICK METAL PLATE OR EQUIVALENT AND SHALL BE A SIZE TO EXTEND 6" BEYOND EACH SIDE OF INLET AND 6" INTO THE GROUND.
14. SEE SHEETS 3&4 FOR ROAD AND STORM DRAINAGE PROFILES AND OTHER STORM DRAINAGE INFORMATIONS AND OTHER DETAILS.
15. SEE ARCHITECTURAL DRAWINGS FOR BUILDING DIMENSIONS AND TIES TO PROPERTY LINE
16. FOR WATER, SANITARY SEWER AND DRAINAGE CONNECTIONS SEE MECHANICAL PLANS
17. PARKING REQUIREMENTS: 1 SPACE PER 4 SEATS
    PARKING REQUIRED: 200 SEATS ~ MAIN HALL — 50 SPACES
    100 SEATS ~ OCCUPANCY FOR OTHER USES — 25 SPACES
    TOTAL — 75 SPACES
    PARKING PROVIDED: 77(PHASE I) 57(PHASE II) TOTAL — 134 SPACES
18. FOR SEWER AND WATER PLANS SEE CONTRACTS 432-D-W & S.
19. NUMBER EMPLOYEES = 9
20. LOWER FLOOR = 11,794
    COURT LEVEL FLOOR = 12,438
    MEZZANINE FLOOR = 2,692
    TOTAL = 26,924
21. STORM SEWERS AND CURBS SHOWN AS EXISTING ARE AS SHOWN ON ROAD CONSTRUCTION PLANS FOR CLOUDLEAP COURT AND FORELAND GARTH FILED WITH HOWARD COUNTY, MARYLAND
22. VILLAGE OF LONGREACH SECTION 1 AREA 5 RECORDED PLAT BOOK 21 FOLIOS 81 TO 83.
23. A. SPREAD PULVERIZED DOLOMITE LIMESTONE AT RATE OF ONE TON PER ACRE
    B. SPREAD 500 LB 5-10-10 FERTILIZER PER ACRE
    C. SEED WITH ITALIAN RYEGRASS AT RATE OF 35 LBS. PER ACRE
    D. MULCH AT RATE OF ONE AND ONE HALF TONS PER ACRE
24. COVERAGE 5.2%
25. AREA OF PARCEL = 5.160 AC.
26. INSTALLATION OF ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" 1971 EDITION.
27. THE ARE NO SIGNS, WALLS OR FENCES ON THIS SITE PLAN.





SHEET INDEX

C-1 COVER SHEET
C-2 SITE PLAN
C-3 STORM DRAINAGE AREAS
C-4 PROFILES AND DETAILS

OWNER & DEVELOPER
COLUMBIA ASSOCIATION
COLUMBIA, MARYLAND

WALTER L. PHILLIPS
CERTIFIED CIVIL ENGINEER & LAND SURVEYOR
901 WEST BROAD STREET, FALLS CHURCH, VIRGINIA

PROFESSIONAL ENGINEER
I CERTIFY THAT THE PLAN OF DEVELOPMENT AND PLAN FOR CONTROL OF SILT AND EROSION MEETS THE REQUIREMENTS, STANDARDS AND SPECIFICATIONS OF THE HOWARD SOIL CONSERVATION DISTRICT
Walter Lee Phillips — SIGNATURE
9/3/71 — DATE
STATE OF MARYLAND — WALTER LEE PHILLIPS, JR. — NO. 7636 — REGISTERED PROFESSIONAL ENGINEER

DEVELOPER
I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THE PLAN OF DEVELOPMENT AND PLAN OF SILT AND SEDIMENT CONTROL.
John A. Boender — SIGNATURE AGENT
JUNE 22, 1972 — DATE

HOWARD SOIL CONSERVATION DISTRICT
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
REVIEWED — DISTRICT CONSERVATIONIST — 9-6-72 DATE
APPROVED — HOWARD SOIL CONSERVATION DISTRICT — 9-6-72 DATE

APPROVED
PLANNING BOARD OF HOWARD COUNTY
DATE 9/29/72

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD CTY. HEALTH DEPARTMENT.
COUNTY HEALTH OFFICER — 9-14-72 DATE

APPROVED: HOWARD CTY. OFFICE OF PLANNING AND ZONING
PLANNING DIRECTOR — 9-15-72 DATE
CHIEF, DIVISION OF LAND DEVELOPMENT & TRANSPORTATION PLANNING — 9/15/72 DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR — 9/11/72 DATE
CHIEF, BUREAU OF HIGHWAYS — 9/11/72 DATE

DRAWN	DATE	SCALE
REV.	9-13-71, 4-19-72	As Shown

KENT COOPER & ASSOCIATES
ARCHITECTS
3203 GRACE ST. N.W. WASHINGTON D.C.

WALTER L. PHILLIPS, INC.
CIVIL ENGINEERS
901 W. BROAD ST. FALLS CHURCH, VA.

SITE PLAN
COVER SHEET
SECTION 1 ~ AREA 5 ~ LOT 3
LONG REACH VILLAGE CENTER
ASSEMBLY AND RECREATION BUILDING
COLUMBIA ASSOCIATION
COLUMBIA, HOWARD COUNTY, MARYLAND
6th ELECTION DISTRICT

C-1

SDP-72-26

VILLAGE OF LONGREACH
SECT 1-AREA 5 - LOT 2

VILLAGE OF LONGREACH
SECT. 1- AREA 5 - PCL B.
PLAT BOOK 21, FOLIOS 81 TO 83

VILLAGE OF LONGREACH
SECT. 1 - AREA 5 - PCL A
PLAT BOOK 21, FOLIOS 81 to 83

N 500,150
E 851,500

N 81°56'26" E 2100.84'
L = 311.14'
S 81°56'26" W 2035.84'
L = 477.78'

FUTURE LITTLE PATUXENT PARKWAY
(MD RTE 175 - ITS RELOCATED)
NOTE: VEHICULAR TO LITTLE PATUXENT PKWY.
PEDESTRIANS AND BICYCLES RESTRICTED

LOT 3
5.160± Ac
ZONED NEW TOWN

PROPOSED BUILDING

COLUMBIA ASSOCIATION
FF 401.33

BUILDING
FF 401.33

SEE ARCH PLAN FOR GRADING THIS AREA

SEE ARCH PLANS FOR EXACT BUILDING TIES TO R.

SEE ARCH PLANS FOR ACCESS RAMP TO PROPOSED BUILDING

SEE SITE PLAN FOR GRADING THIS AREA (PCL E)

VILLAGE OF LONGREACH
SECT 1- AREA 5- PCL D
PLAT BOOK 21, FOLIOS 81 TO 83

EX. 20' SAN. SEW. ESM'T

EX. 20' WATER ESM'T

THE HOWARD RESEARCH AND DEVELOPMENT CO. INC. 463/196

FORELAND GARTH
50' R/W
(PUBLIC ST.)
PLAT BOOK 21, FOLIOS 81 TO 83

SOUDERSMALE

THREE PARKING LOTS

RIP-RAP

SEE SITE PLAN FOR GRADING THIS AREA (PCL E)

LIMIT OF SEDIMENT CONTROL

LIMIT OF EARTH DISTURBANCE

USE: ASSEMBLY AND RECREATION BUILDING.

UPPER ROOF 449.00
MIDDLE ROOF 434.67
MEZZ. FL. & LOW ROOF 425.67
2ND. FL. 414.00
1ST. FL. 401.33
399.33
EAST BOUNDARE
413.5

SCHEMATIC BUILDING SECTION *
* SECTION CUT EAST-WEST @ 140' SOUTH OF COC PROPERTY LINE.
SCALE: 1" = 50'-0"

VICINITY MAP
SCALE 1" = 2000'

MD. RTE. 108
MD. RTE. 175
DAYLE
PAVERS LUCK
TAMAR
DRIVE
LITTLE PATUXENT PARKWAY
MARSHED LANE
SUSQUEHANNA TRANSMISSION R/W
PROJECT LOCATION

STORM DRAINAGE STRUCTURE SCHEDULE

NO.	TYPE	LOCATION	INV. IN.	INV. OUT	TOP ELEV.	REMARKS
I-30	S-A INLET W=2'-6"	SEE PLAN & PROFILE	396.82	395.89	400.80	HO. CO. STD. DWG. D-64A P-119A
I-31	10-A INLET W=5'-6" DOUBLE THROAT	SEE PLAN & PROFILE	395.17	395.17	399.70	HO. CO. STD. DWG. D-64A P. 119A
I-32	10 A INLET W=2'-6"	SEE PLAN & PROFILE	392.69	391.70	399.70	HO. CO. STD. DWG. D-64A P. 119A
I-33	10-A INLET W=2'-6"	SEE PLAN & PROFILE	387.00	386.50	392.60	HO. CO. STD. DWG. D-64A P. 119A
S-23	STD. END SUPPORT WALL	SEE PLAN & PROFILE	——	396.22	——	HO. CO. STD. DWG. D-46 P. 101
G-24	STD. S INLET GRATE	SEE PLAN & PROFILE	——	403.30	407.80	HO. CO. STD. DWG. D-98 P. 153

LEGEND

(I-21 / 414.0) = MANHOLE NUMBERS / TOP ELEVATION
417 = PROPOSED GRADE
420 = EXISTING GRADE
H.C. T C&G = HOWARD COUNTY T CURB & GUTTER D.40, P.95
H.C. BAR CURB = HOWARD COUNTY BARRIER CURB D.40, P.95
(20) = NUMBER OF PARKIN SPACES THAT ABLE.

DESIGNED for public water and public sewerage
Howard County Health Department
Date 9-14-72

APPROVED: Howard County Office of Planning and Zoning
Planning Director — Date 9-15-72

Chief, Bureau of Engineering — Date 9/18/72

I certify that all storm drainage systems and roads Howard County Department of Public Works
Date 9/14/72

Registered Engineer — Date 9/11/72

8/3/72

DRAWN	DATE	SCALE
	9-13-71	1" = 50'
REVISED	12-19-72	

KENT COOPER & ASSOCIATES
ARCHITECTS
3203 GRACE ST. N.W. WASHINGTON D.C.

WALTER L. PHILLIPS, INC.
CIVIL ENGINEERS
901 W. BROAD ST. FALLS CHURCH, VA.

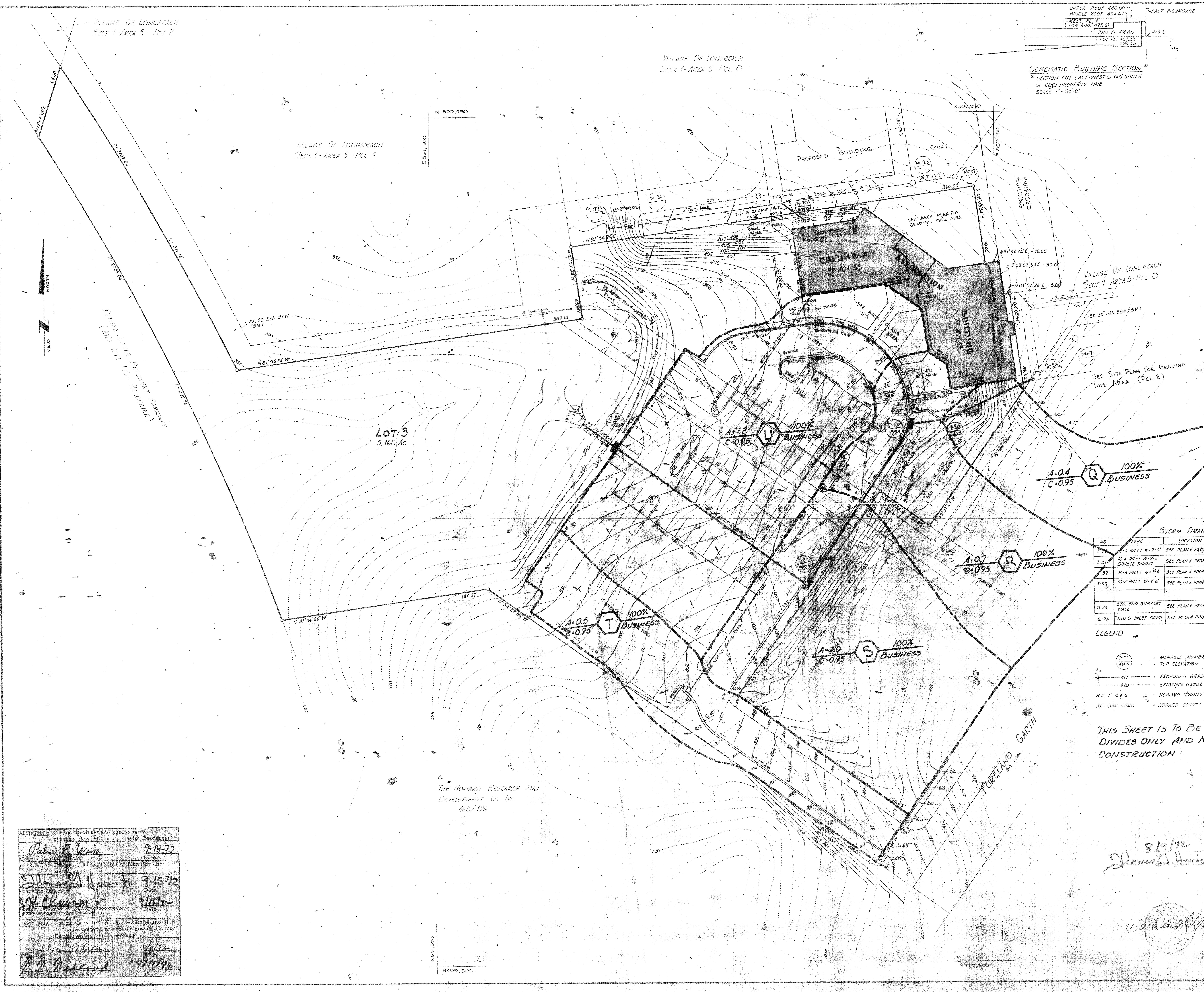
SITE PLAN

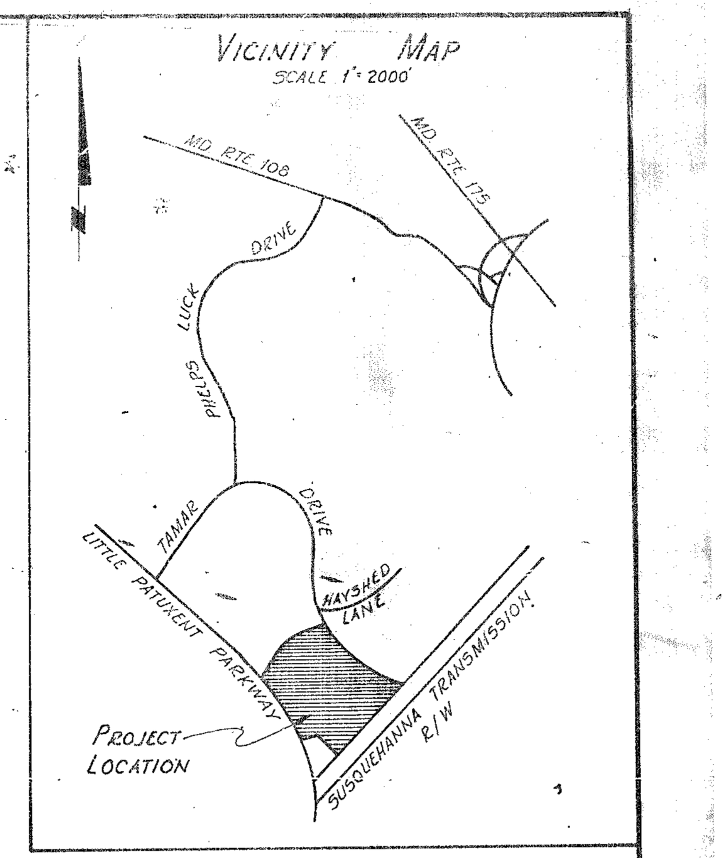
SECTION 1 — AREA 5 — LOT 3

LONG REACH
VILLAGE CENTER
ASSEMBLY AND RECREATION BUILDING
COLUMBIA ASSOCIATION
COLUMBIA, HOWARD COUNTY, MARYLAND
6th ELECTION DISTRICT

C-2

SDP-72-26C





STORM DRAINAGE STRUCTURE SCHEDULE

NO	TYPE	LOCATION	INV. IN.	INV. OUT	TOP ELEV.	REMARKS
I-30	S-A INLET W=2'-6"	SEE PLAN & PROFILE	396.82	395.89	400.80	HO. CO. STD. DWG. D-64A P-119A
I-31	10-A INLET W=2'-6" DOUBLE THROAT	SEE PLAN & PROFILE	395.17	395.17	399.70	HO. CO. STD. DWG. D-64A P-119A
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I-33	10-A INLET W=2'-6"	SEE PLAN & PROFILE	387.00	386.50	392.60	HO. CO. STD. DWG. D-64A P-119A
S-23	STD. END SUPPORT WALL	SEE PLAN & PROFILE	—	386.22	—	HO. CO. STD. DWG. D-46 P-101
G-26	STD. S INLET GRATE	SEE PLAN & PROFILE	—	403.50	407.00	HO. CO. STD. DWG. D-98 P-153

LEGEND

(I-21 / 410.0) = MANHOLE NUMBERS = TOP ELEVATION

——417—— = PROPOSED GRADE

········420········ = EXISTING GRADE

H.C. 7" C & G = HOWARD COUNTY 7" CURB & GUTTER D40, P95

HC. BAR. CURB = HOWARD COUNTY BARRIER CURB D40, P95

THIS SHEET IS TO BE USED FOR DRAINAGE DIVIDES ONLY AND NOT TO BE USED FOR CONSTRUCTION

APPROVED: For public water and public sewerage systems Howard County Health Department

Palmer F. Wine 9-14-72

County Health Officer — Date

APPROVED: Howard County Office of Planning and Zoning

Thomas G. Harris Jr. 9-15-72

Planning Director — Date

J. H. Clawson Jr. 9/15/72

Chief, Division of Land Development & Transportation Planning — Date

APPROVED: For public water, public sewerage and storm drainage systems and roads Howard County Department of Public Works

William O. Atten 9/11/72

Director — Date

[signature] 9/11/72

Chief, Bureau of Highways — Date

8/9/72 Thomas G. Harris Jr.

[signature]

DRAWN	DATE	SCALE
REVISED	9-13-71 4-12-72 4-19-72	1" = 30'

KENT COOPER & ASSOCIATES
ARCHITECTS
3203 GRACE ST. N.W. WASHINGTON D.C.

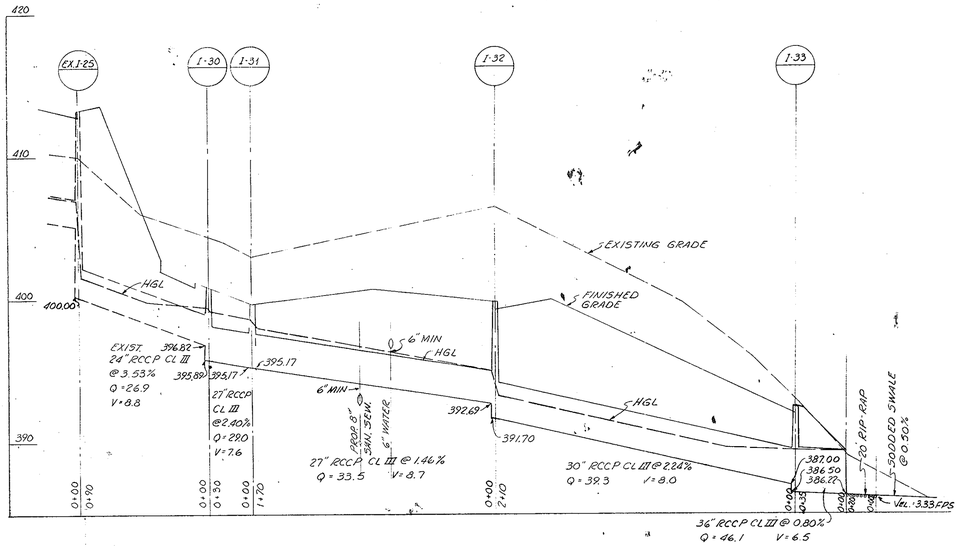
WALTER L. PHILLIPS, INC.
CIVIL ENGINEERS
901 W. BROAD ST. FALLS CHURCH, VA.

STORM DRAINAGE AREAS
SECTION 1 ~ AREA 5 ~ LOT 3

LONG REACH VILLAGE CENTER
ASSEMBLY AND RECREATION BUILDING
COLUMBIA ASSOCIATION
COLUMBIA, HOWARD COUNTY, MARYLAND
6th ELECTION DISTRICT

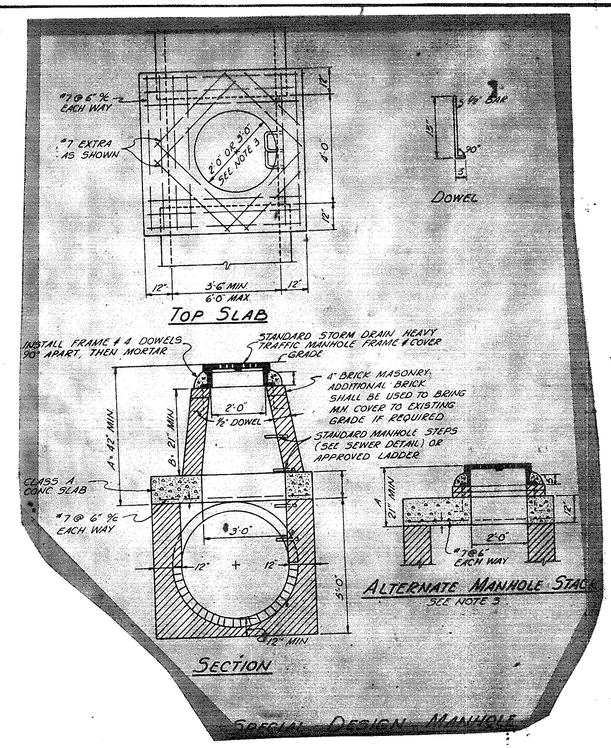
C-3

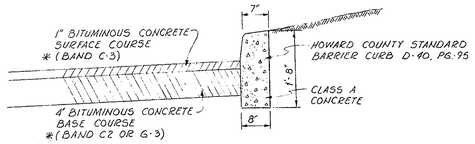
SDP-72-26C



NOTES:

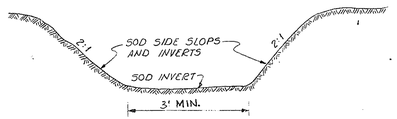
1. WALLS, BOTTOM SLAB AND INVERT SHALL BE BRICK OR PLAIN CLASS "A" CONCRETE POURED IN PLACE
2. FOR PIPES 36" AND SMALLER USE TYPE "A" OR TYPE "B" MANHOLE USE TYPE "B" WHERE A (COVER) IS LESS THEN 3'5"
3. WHERE "A" IS LESS THAN 3'6 USE ALTERNATE MANHOLE STACK





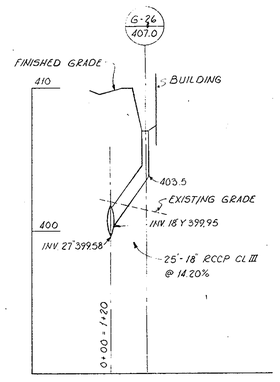
DETAIL CONCRETE BARRIER CURB AND PARKING LOT PAVING
NO SCALE

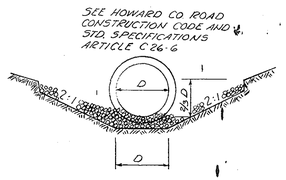
* ARTICLE C-31, BITUMINOUS CONCRETE SPECIFICATION "B" OF THE ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATION OF HOWARD COUNTY, MARYLAND



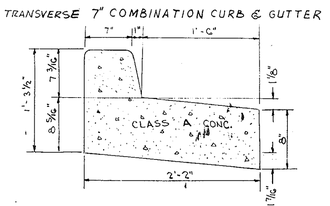
NOTE: EXISTING DITCH APPROACHING PROPOSED ENDWALL TO BE TRIMMED IN ACCORDANCE WITH ARTICLE C-4 OF THE HOWARD COUNTY CONSTRUCTION CODE AND STANDARD SPECIFICATION.

TYPICAL DRAINAGE DITCH
NO SCALE





TYPICAL RIP RAP CHANNEL
NO SCALE



DETAIL TRANSVERSE CURB & GUTTER
NO SCALE

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 9/9/72

APPROVED: For public water and public sewerage systems Howard County Health Department	
Palmer P. Wine County Health Officer	9-14-72 Date
APPROVED: Howard County, Office of Planning and Zoning	
Thomas H. Harrison Planning Director	9-15-72 Date
[illegible] CHIEF DIVISION OF LAND DEVELOPMENT & TRANSPOTATION PLANNING	9/15/72 Date
APPROVED: For public water, public sewerage and storm drainage systems and roads Howard County Department of Public Works.	
William O. Ottman Director	9/11/72 Date
D. D. Malmend Chief, Bureau of Highways	9/11/72 Date

DRAWN	DATE	SCALE
REVISED	9-13-71 3-12-72 4-19-72	1" = 5' VERT. 1" = 50' HORZ.

KENT COOPER & ASSOCIATES
ARCHITECTS
3203 GRACE ST. N.W. WASHINGTON D.C.

WALTER L. PHILLIPS, INC.
CIVIL ENGINEERS
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PROFILES & DETAILS

SECTION 1 ~ AREA 5 ~ LOT 3

LONG REACH VILLAGE CENTER

ASSEMBLY AND RECREATION BUILDING
COLUMBIA ASSOCIATION
COLUMBIA, HOWARD COUNTY, MARYLAND
6th ELECTION DISTRICT

C-4

SDP-72-26C