LEGEND

1. EXIST. CONTOURS SHOWN THUS 407 -(1' INTERVALS)
2. PROPOSED CONTOURS SHOWN THUS 407 -(1' INTERVALS)
3. SPOT ELEVATION SHOWN THUS X 409.3

APPROVED: FOR PUBLIC WATER & PUBLIC SEWAGE SYSTEMS
HOWARD CO. HEALTH DEPT.
DIRECTOR — DATE

VILLAGE OF LONGREACH
SECTION 1 AREA 1
SHEET 21 OF 23

TAMAR DRIVE

EX. 8" S.
EX. 18" D
EX. CURB
EX. 3" T.P.
EX. 24" D.
EX. CURB
EX. WALK
N20°20'39"E 119.23'
EX. 8" S.
EX. 15" D.
EX. MANHOLE
CONN. TO EX. STD. HOWARD CO. TYPE 'E' ENDWALL @ END
EX. 15" D. SLOPE TO CONDUIT
INVERT IN = 392.52
INVERT OUT = 392.10
PINE TREE
(WOODLN)
PROP. 1 STORY CHILD DAY CARE CENTER FF. ELEV. 408.50
DOWNSPOUT LOCATIONS
408
4' HIGH FENCE
ACCESS GATE
PLAY AREA
4' HIGH FENCE
S77°02'19"W 23.06'
S28°03'41"W 47.69'
LOT 569
OPEN SPACE
LOT 571
OPEN SPACE
COLUMBIA PARKS & RECREATION ASSOCIATION
BELL TOWER
31'
ROOF
10'
EX. 1 STY. FRAME
EX. WALK
PROP. 6' WIDE CONC. WALK
PROP. 24' WIDE ENTRANCE
EX. DRIVE
EX. CURB
EX. 8" S.
EX. 12" W.
STOP SIGN
EX. CURB
LANE
SCHEMATIC REAR PROFILE
NO SCALE

SCHEDULE	SIZE
	8'-10'
	8'-10'
	6'-8'

NOTE: THE LOCATION OF STRUCTURES (BUILDING, FENCES, ETC.,) WITHIN 50' OF TAMAR DRIVE HAS BEEN APPROVED BY PLANNING BOARD CASE "05

DEVELOPER:
CHILD CARE PROPERTIES, INC.
1626 NEWBRIDGE CT.
RESTON, VA. 22091

HUDKINS ASSOCIATES, INC.
101 SHELL BUILDING
200 E. JOPPA ROAD
TOWSON, MARYLAND 21204

OWNER:
HOWARD RESEARCH & DEVELOPMENT CORP.
COLUMBIA, MARYLAND 21044
TITLE REF. 463-106
TAX MAP

GRADING SITE ANALYSIS

1. TOTAL AREA OF SITE 0.64Ac± (INCL. OFFSITE PAVING & GRADING)
2. TOTAL AREA TO BE GRADED 0.56 Ac±
3. TOTAL AREA TO BE PAVED & ROOFED 0.37Ac±
4. TOTAL AREA UNDISTURBED .... 0.08Ac.±

PHASE OF CONSTRUCTION

1. INSTALL SEDIMENT CONTROL DEVICES
2. ROUGH GRADE SITE
3. PROCEED WITH BUILDING & UTILITY CONSTRUCTION
4. REPAIR DEVICES AS REQUIRED
5. FINE GRADE SITE & PROCEED WITH PAVING
6. STABILIZE ACCORDING TO SED CONTROL MAN.
7. REMOVE DEVICES AFTER OBTAINING HOWARD CO. APPROVAL.

ENGINEER

I CERTIFY THAT THE PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PROFESSIONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Howard J. Kolodziej — 10/29/75
SIGNATURE — DATE

STATE OF MARYLAND — No. 4017 — HOWARD J. KOLODZIEJ — PROFESSIONAL ENGINEER

DEVELOPER

I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND I AUTHORIZE PERIODIC ON SITE INSPECTION BY THE HOWARD COUNTY SOIL CONSERVATION DIST. OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

SIGNATURE — 10/29/75 DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

DIRECTOR — DATE 7-14-76

DIVISION OF LAND DEVELOPMENT — DATE 7/14/76

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE & STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR — DATE 7-2-76

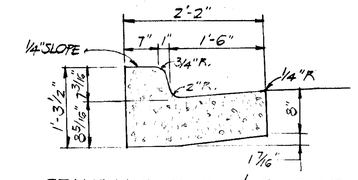
CHIEF, BUREAU OF HIGHWAYS — DATE 7/2/76

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

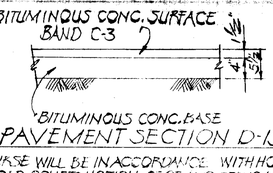
HOWARD S.C.D. — DATE 6/30/76

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS

SIGNATURE — DATE 6/30/76
U.S. SOIL CONSERVATION SERVICE



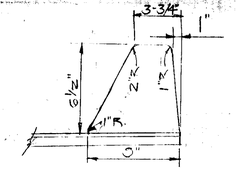
STANDARD CURB & GUTTER
NO SCALE



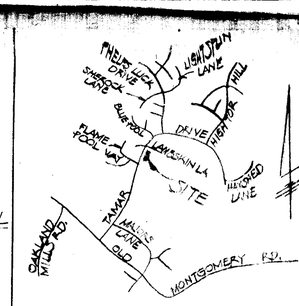
PAVEMENT SECTION D-13

BASE COURSE WILL BE IN ACCORDANCE WITH HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECS. SEE C-30-3. TACK COAT SHALL BE APPLIED BY THE HO. CO. ROAD CODE AND STD. SPECS. C-31-4 ROAD CODE 1 & 4

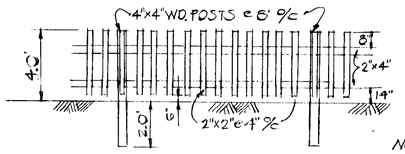
CLEARING & GRADING	ARTICLE C-1
SUBGRADE	ARTICLE C-2
BASE COURSE	ARTICLE C-31 OR C-33
SURFACE COURSE	ARTICLE C-31



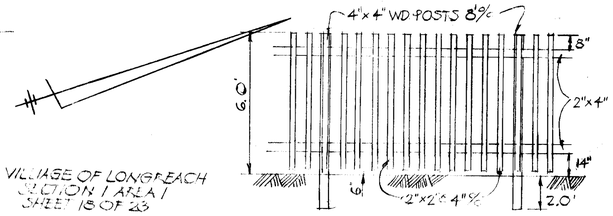
MACADAM BERM DETAIL



LOCATION PLAN
SCALE 1" = 2000'

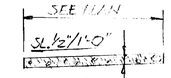


NOTE: TOP OF FENCE TO REMAIN LEVEL. GRADE CHANGES TO BE ACCOMPLISHED BY STEPPING FENCE RAILS VERTICALLY



VILLAGE OF LONGREACH
SECTION 1 AREA 1
SHEET 18 OF 23

FENCE DETAILS
NO SCALE



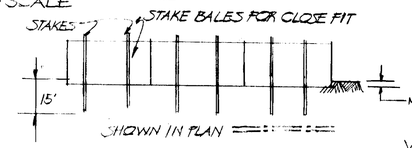
1/2" PREFORMED BITUM. EXPANSION JOINT FILLER TO BE PLACED @ INTERVALS OF 20' (TRANSVERSE)

SIDEWALK DETAIL
@ ENTRANCE

SOUDING NOTES:

A. APPLY 50 LBS./1000 S.F. OF LIMESTONE
B. APPLY FERTILIZER @ RATE OF 25 LBS. OF 10×10×10 PER 1000 SF DEPENDING ON THE SOIL TEST.
C. HARROW OR DISC FERTILIZER & LIMESTONE INTO SOIL TO DEPTH OF 3 IN.
D. LAY SOD CAREFULLY, INSURING THAT ALL JOINTS ARE BUTTED TIGHT.
E. SOD TO BE WATERED IMMEDIATELY AFTER INSTALLATION
F. ROLL SOD AS IT IS COMPLETED IN ANY SECTION.

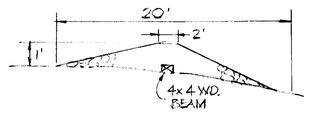
MACADAM WALK DETAIL



STRAWBALE DIKE DETAIL

NOTES:

1. TOTAL AREA OF PARCEL Q-1 = 0.472 AC.±
2. AREA WITHIN LIMITS OF SUBMISSION = 0.472Ac±
3. EX. USE - VACANT
4. PROP. USE - CHILD DAY CARE CENTER
5. MAX. NO. OF STUDENTS - 120
   NO OF TEACHERS - 10
6. 9 PARKING SPACES PROVIDED (ALL SPACES 10'×20')
   1 HANDICAPPED SPACE (12'×20')
7. FOR PHASE 77-A-1 DESIGNATES PARCEL 'Q-1' AS COMMERCIAL



GRAVEL ACCESS BERM

PROCEDURE PERMANENT SEEDING

A. APPLY 50 LBS/1000 SF OF LIMESTONE
B. APPLY FERTILIZER @ RATE OF 25 LBS. OF 10×10×10 PER 1000 SF DEPENDING ON THE SOIL TEST.
C. HARROW OR DISC FERTILIZER & LIME STONE INTO SOIL TO DEPTH OF 3 IN.
D. SEED WITH KY 31 TALL FESCUE @ RATE OF 5 LBS/1000 SF OR OTHER S.C.S. APPROVED SEEDING PLAN.
E. MULCH WITH SMALL GRAIN STRAW 1.5 TO 2 TONS PER ACRE (75#-90#/1000 SQ. FT.)
F. ANCHOR MULCH W/ SPRAYED ASPHALT @ 0.1 GAL/SQ. YD.

TEMPORARY SEEDING & SEEDING NOTES FOR BERMS

1. SEED IMMEDIATELY UPON CONSTRUCTION WITH UNHULLED BAHIA GRASS PER 1000 SF.
2. APPLY 46 LBS/1000 SF OF PULVERIZED DOLOMITIC LIMESTONE AND 11.5 LBS TO 16.4 LBS/1000 SF OF 10-20-10 OR EQUIVALENT FERTILIZER.
3. HARROW OR DISC LIME & FERTILIZER INTO THE SOIL TO A DEPTH OF AT LEAST 3 IN. CONTINUE TILLAGE UNTIL A REASONABLY UNIFORM, FINE, FIRM SEEDBED HAS BEEN PREPARED. ON SLOPING LAND THE FINAL HARROWING OR DISCING SHOULD BE ON THE CONTOUR.
4. MULCH WITH STRAW @ 75#/1000 SQ. FT.

VEGATIVE COVER OPTIONS

FEB 1 TO MAY 1	1. SOD 2. SEED & MULCH
MAY 1 TO AUG 15	1. SOD 2. MULCH, ANCHOR TOOL THEN SOD DURING NEXT SEED PERIOD.
AUG. 15 TO NOV. 1	1. SOD 2. SEED & MULCH
NOV. 1 TO FEB 1	1. SOD - DELAY UNTIL NEXT PERIOD IF GROUND IS FROZEN 2. MULCH, ANCHOR TOOL THEN SOD DURING NEXT SEED PERIOD.

SEDIMENT CONTROL NOTES

1. NOTIFY THE HOWARD CO. SOIL CONSERVATION DISTRICT AT LEAST 24 HOURS BEFORE STARTING ANY WORK. PHONE 465-0000 EXT. 308 OR 465-7180.
2. ALL SEDIMENT CONTROL DEVICES ARE TO REMAIN IN PLACE UNTIL PERMISSION FOR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD SOIL CONSERVATION DISTRICT.
3. STRUCTURAL MEASURES SUCH AS BERMS, DIKES, TRAPS, BASINS, ETC. WILL BE INSTALLED AND STABILIZED ACCORDING TO THE PLAN PRIOR TO ANY OTHER GRADING, CLEARING OR DISTURBANCE OF THE EXISTING SURFACE OF THE SITE.
4. ON SITE INSPECTION & MAINTENANCE OF ALL SEDIMENT CONTROL MEASURES INCLUDING CLEAN-OUT OF SEDIMENT TRAPS AND BERMS AND PROPER ESTABLISHMENT OF ALL PLANNED VEGATIVE MEASURES WILL BE THE RESPONSIBILITY OF THE DEVELOPER OR HIS REPRESENTATIVE ON THE SITE ON A CONTINUING DAY TO DAY BASIS.

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 5-26-76
Thomas E. Harris Jr.

SITE DEVELOPMENT PLAN
CHILD DAY CARE CENTER
PARCEL "Q-1"
VILLAGE OF LONGREACH
SECTION 1 AREA 1 SHEET 22 OF 23
ELECTION DISTRICT 6
HOWARD COUNTY, MARYLAND

SCALE 1" = 20' REV: FEB. 18, 1976
MAY 5, 1976; MAY 13, 1976
PLAT BOOK 3460
FINAL DEVEL. PLAN PHASE 77-A-1

SDP-76-41c