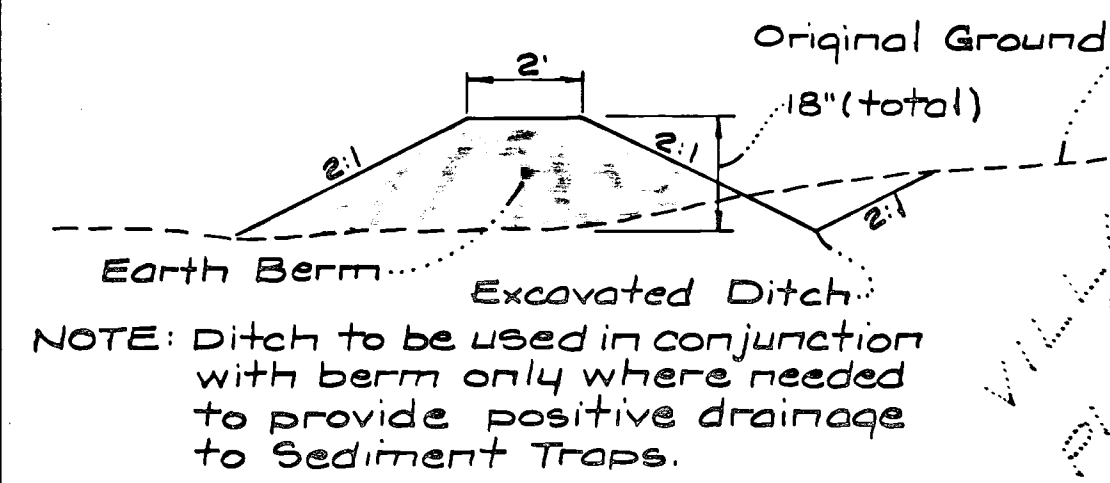
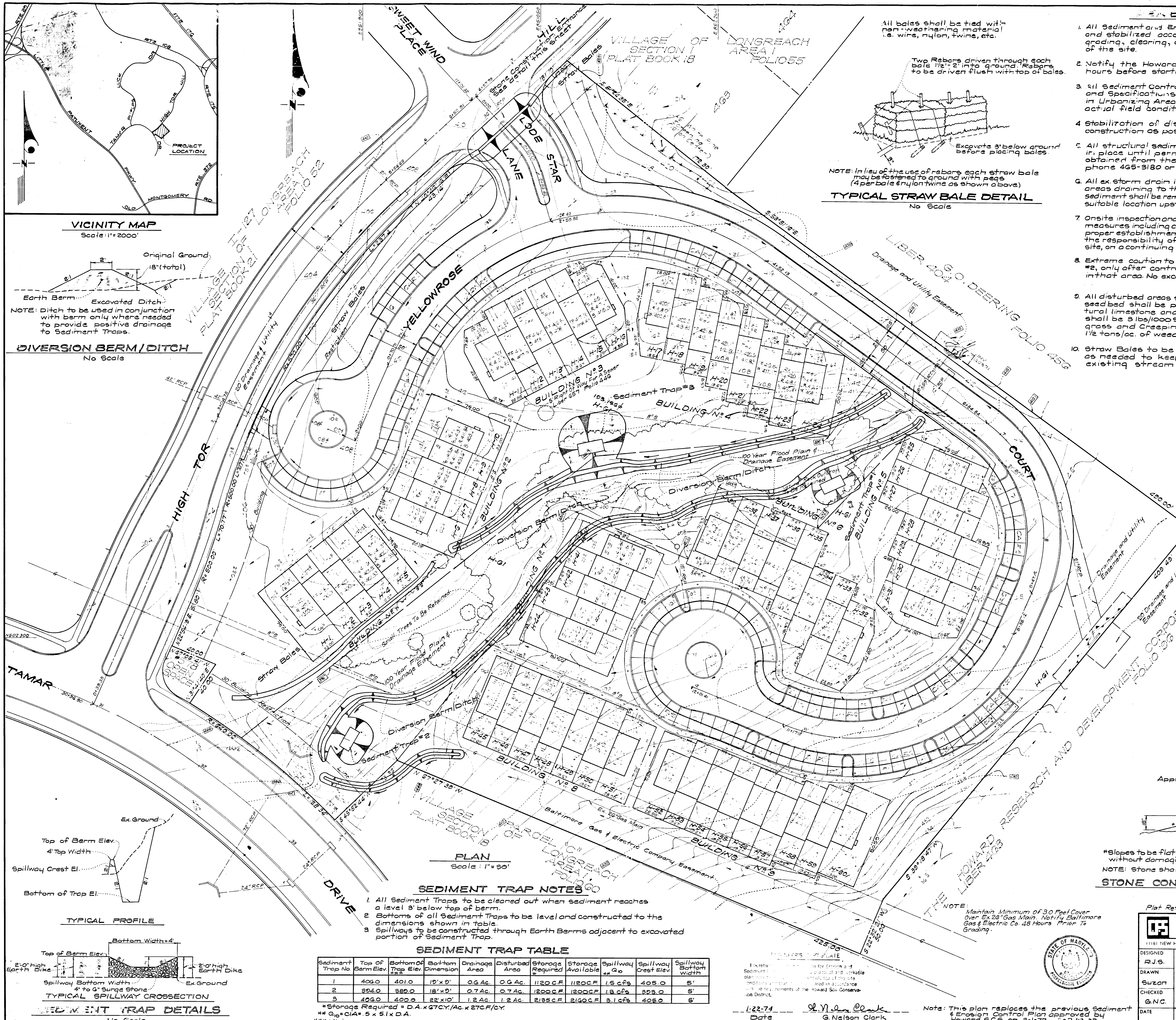


VICINITY MAP
Scale: 1" = 2000'



DIVERSION BERM/DITCH
No Scale



PLAN
Scale: 1" = 50'

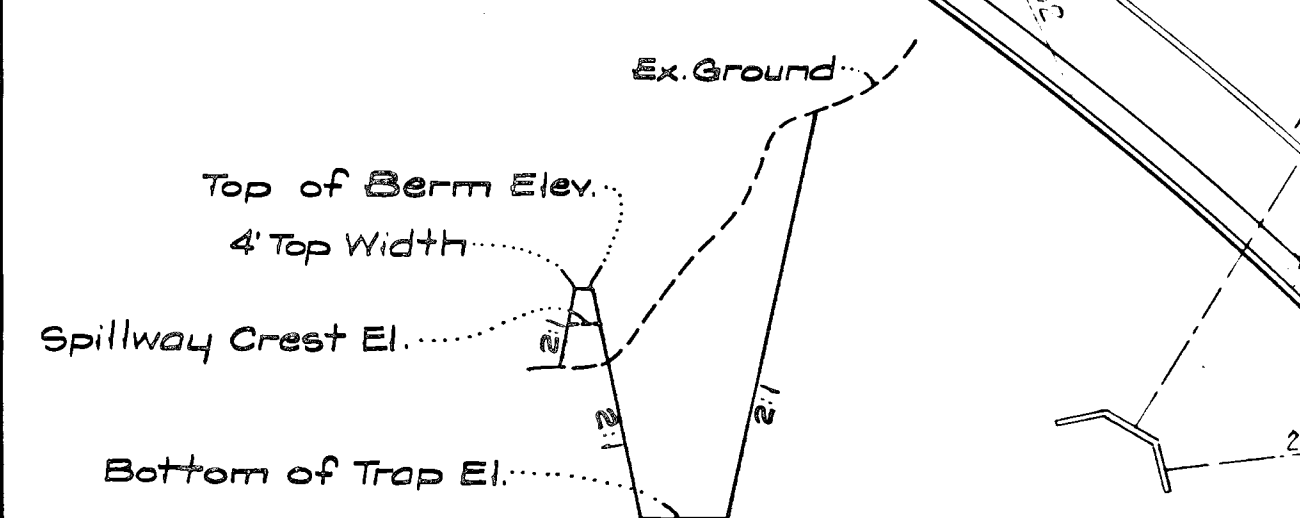
SEDIMENT TRAP NOTES

- All Sediment Traps to be cleaned out when sediment reaches a level 3' below top of berm.
- Bottoms of all Sediment Traps to be level and constructed to the dimensions shown in table.
- Spillways to be constructed through Earth Berms adjacent to excavated portion of Sediment Trap.

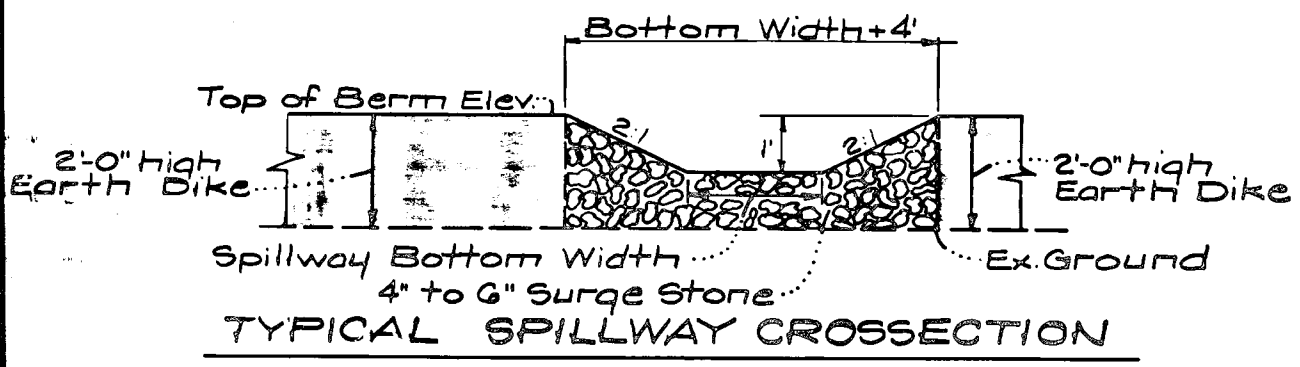
SEDIMENT TRAP TABLE

Sediment Trap No.	Top of Berm Elev.	Bottom of Trap Elev.	Bottom Dimension	Drainage Area	Disturbed Area	Storage Required	Storage Available	Spillway Crest Elev.	Spillway Bottom Width
1	406.0	401.0	19' x 9'	0.6 Ac.	0.6 Ac.	1120 CF	1120 CF	405.0	5'
2	394.0	389.0	18' x 9'	0.7 Ac.	0.7 Ac.	1200 CF	1200 CF	393.0	5'
3	409.0	400.9	22' x 10'	1.2 Ac.	1.2 Ac.	2195 CF	2195 CF	405.0	5'

*Storage Required = D.A. x 70 CY/Ac x 270 F./CY.
 ** G₁₀ = 0.14' x 5' x 5' x D.A.
 *** Minimum

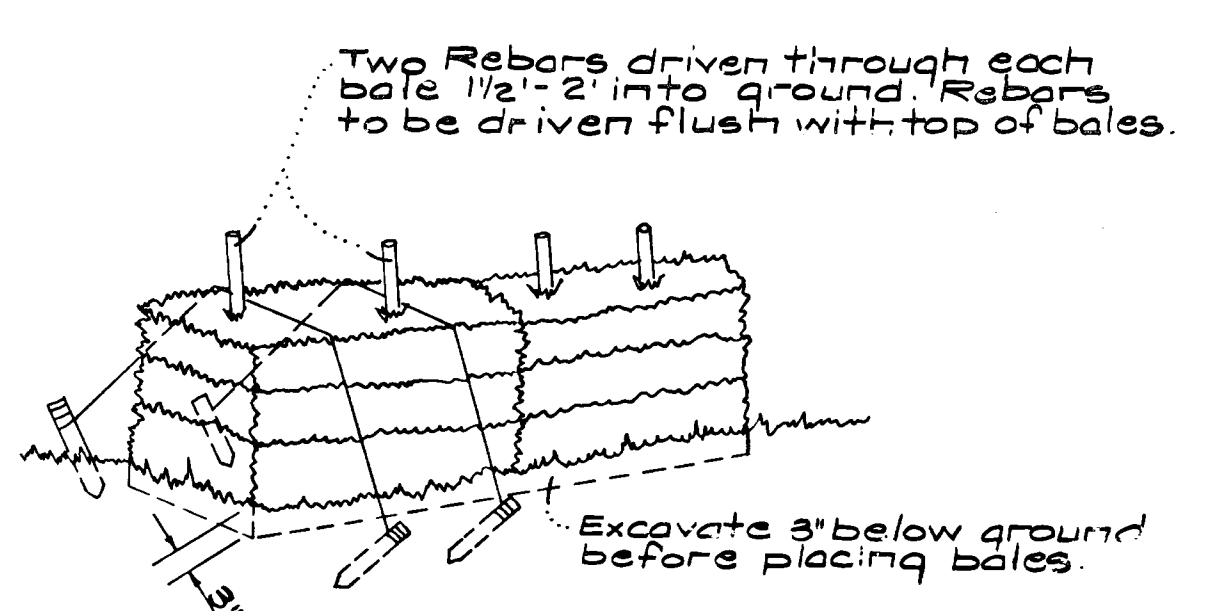


TYPICAL PROFILE



TYPICAL SPILLWAY CROSSSECTION
SEDIMENT TRAP DETAILS
No Scale

All bales shall be tied with non-weathering material i.e. wire, nylon, twine, etc.



NOTE: In lieu of the use of rebar, each straw bale may be fastened to ground with pegs (4 per bale & nylon twine as shown above)
TYPICAL STRAW BALE DETAIL
No Scale

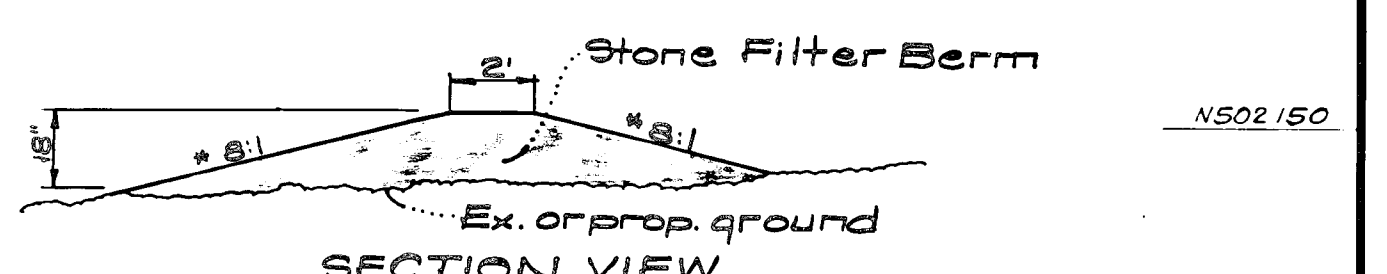
- All Sediment and Erosion Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing, or disturbance of the existing surface of the site.
- Notify the Howard Soil Conservation District at least 24 hours before starting any work.
- All Sediment Control Practices to conform to the Standards and Specifications for Soil Erosion and Sediment Control in Urbanizing Areas and shall be adjusted to meet actual field conditions.
- Stabilization of disturbed ground to be done as soon after construction as possible.
- All structural sediment control measures are to remain in place until permission for their removal has been obtained from the Howard Soil Conservation District, phone 465-3180 or 465-5000, ext. 323.
- All ex-storm drain inlets to be sandbagged shut until all areas draining to the inlets are stabilized. All trapped sediment shall be removed from paved areas and placed in a suitable location upstream of Sediment Control Facilities.
- Onsite inspection and maintenance of all sediment control measures including cleanup of sediment traps and berms, and proper establishment of all planned vegetative measures will be the responsibility of the Developer or his representative on the site, on a continuing day to day basis.
- Extreme caution to be taken in excavating for Sediment Trap #2, only after contractor has found exact location of gas main in that area. No excavation to be done within 5' of centerline.
- All disturbed areas shall be finish graded to a slope of 3:1 or less, seedbed shall be prepared with 1 ton/ac. of ground agricultural limestone and 1/2 ton/ac. of 10-10-10 fertilizer, seeding shall be 3 lbs/1000 S.F. of 50-50 mixture of Kentucky Bluegrass and Creeping Red Fescue, and mulching shall be 1/2 tons/ac. of weed free straw.
- Straw Bales to be placed on stream banks (below berms) as needed to keep sediment from entering the existing stream channel.

REVISED
 APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 DATE 10-17-73

DEVELOPER'S CERTIFICATE
 I hereby certify that the construction will be in accordance with the approved plan and that the developer will be responsible for the maintenance of the sediment control measures until they are removed and the site is stabilized.
 Date 1/21/74
 Signature *Felton Caplan*

Reviewed by Howard S.C.D.
 Name *James M. Nelson* 1-25-74
 U.S. Soil Conservation Service

Approved *Robert W. Ziehm* Date 1-25-74



STONE CONSTRUCTION ENTRANCE DETAIL
No Scale

Plot Reference: Plat Book 24 Folios 88 and 89

CLARK • FINEPROCK & SACKETT
 ENGINEERS • PLANNERS • SURVEYORS
 11161 TIEW HAMPSHIRE AVENUE • SILVER SPRING, MARYLAND 20904 • (301) 593-1400

DESIGNED R.J.S.
 DRAWN Suzan
 CHECKED G.N.C.
 DATE Jan., 1974

SEDIMENT & EROSION CONTROL PLAN
COLUMBIA
 VILLAGE OF LONGREACH
 SECTION I AREA I
 LOTS H-1 THRU H-61 PARCEL "H"
 6TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

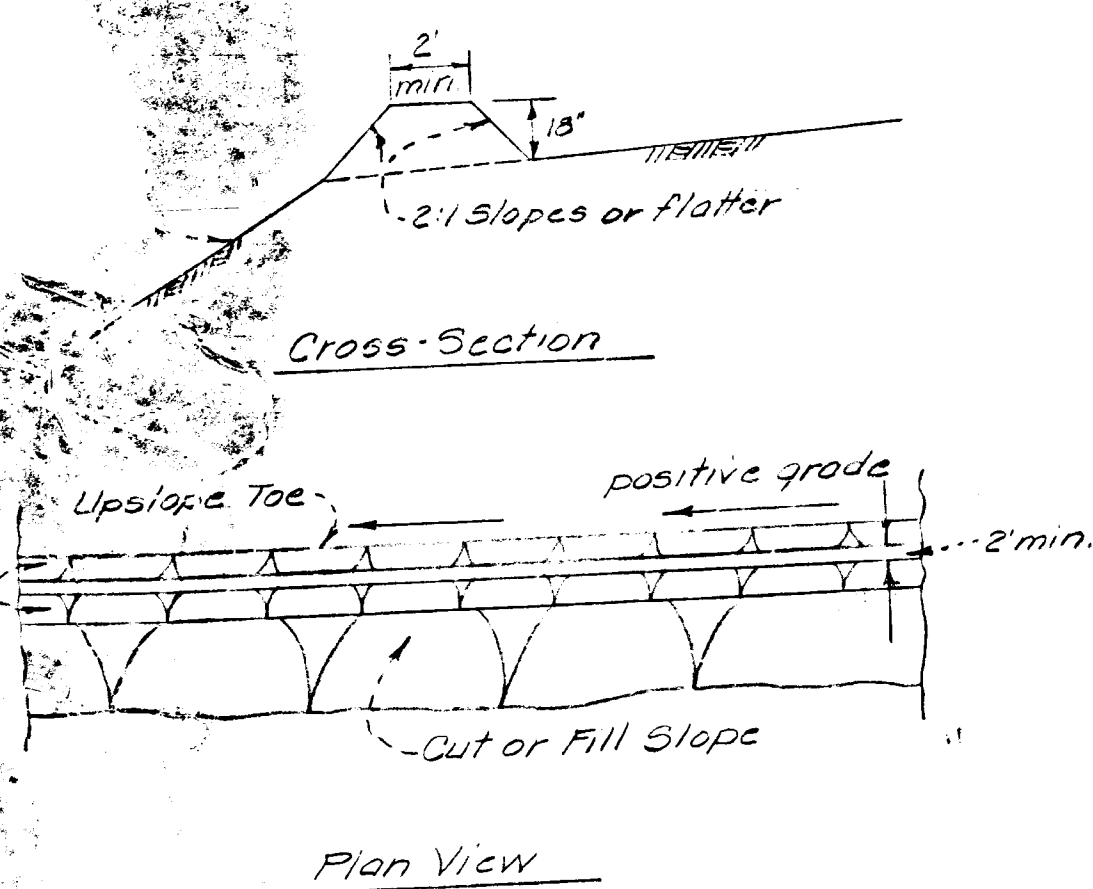
SCALE As Shown
 DRAWING 10F1
 JOB NO. TD-39G
 FILE NO. 1007-D

1-22-74 Date
G. Nelson Clark
 G. Nelson Clark

Note: This plan replaces the previous Sediment & Erosion Control Plan approved by Howard S.C.S. on 3-1-72. 50P 73-17 P-12-11

REVISED SDP 73-PC

DIVERSION BERM

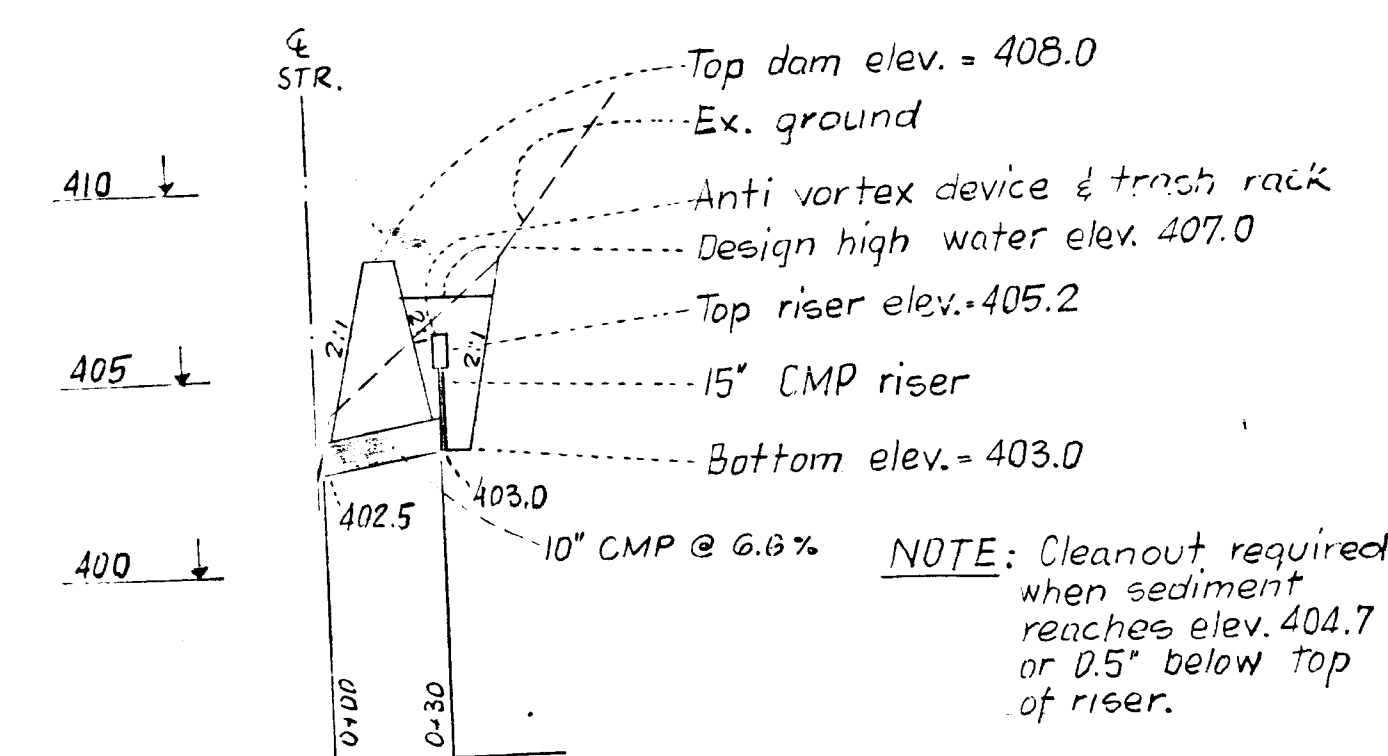


SEDIMENT CONTROL NOTES:

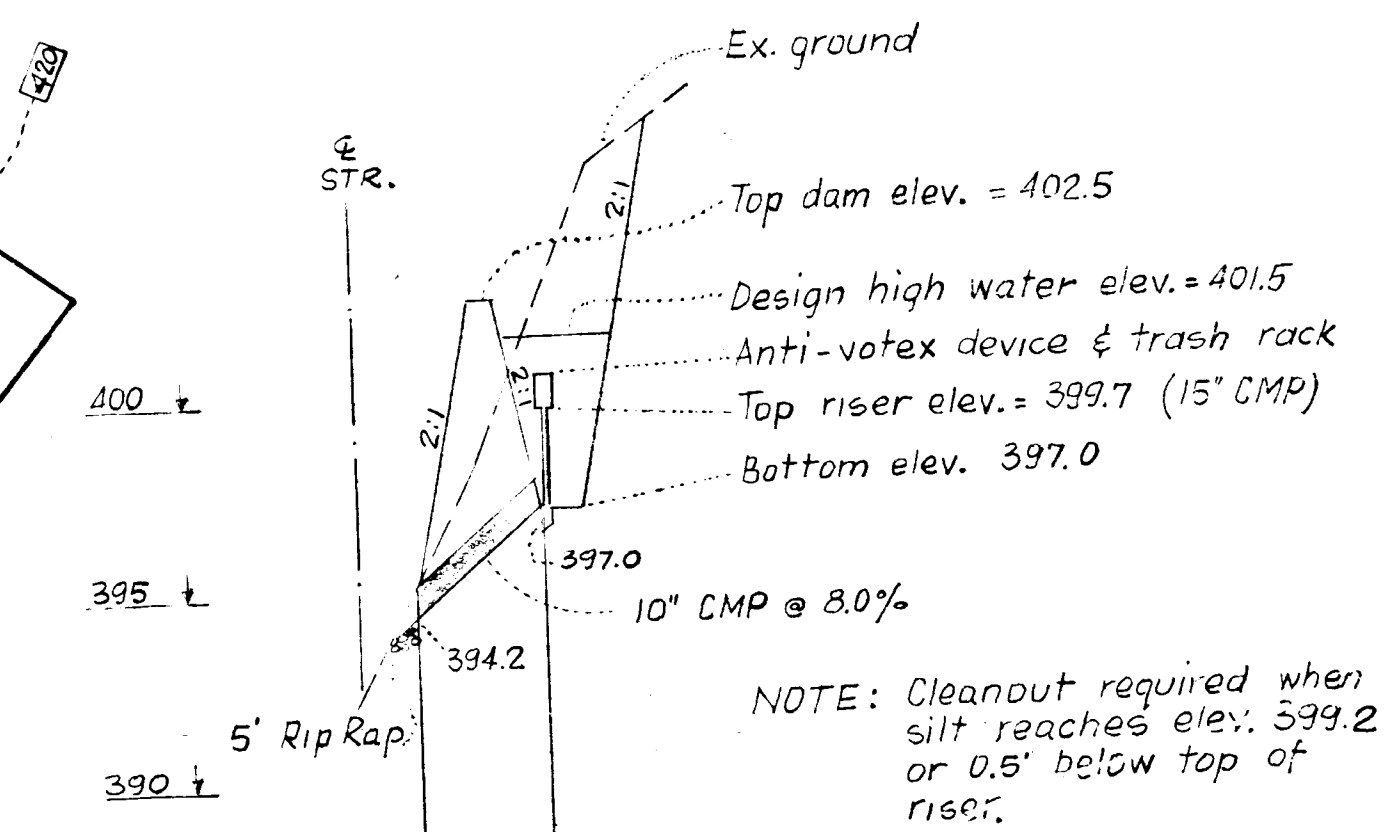
1. Prior to any construction or grading, sediment control practices will be installed.
2. All sediment control practices to conform to the "Erosion & Sediment Control Technical Handbook" as published by the Howard Soil Conservation District. For details and dimensions not shown on this plan refer to this handbook.
3. Stabilization of disturbed ground to be done as soon after construction as is possible.
4. Diversion Berms & Sediment Basins to be removed only after written approval from the Howard Soil Conservation District has been obtained.
5. All Diversion Berms will be temporarily seeded with rye grass.
6. Extreme caution to be taken in excavating for Sediment Basin #1, only after contractor has found exact location of gas main in that area. No excavation to be done within 5' of centerline of gas main.
7. All disturbed areas shall be finish graded to a slope of 3:1 or less; seedbed shall be prepared with 1 ton/ac. of ground agricultural limestone and 1/2 ton/ac. of 10-10-10 fertilizer; seeding shall be 5 lbs./1000 sq. ft. of 50:50 mixture of Kentucky Bluegrass and Crabgrass Red Fescue, and mulching shall be 1 1/2 tons/ac. of weed free grain straw.

SEDIMENT BASIN PROFILES

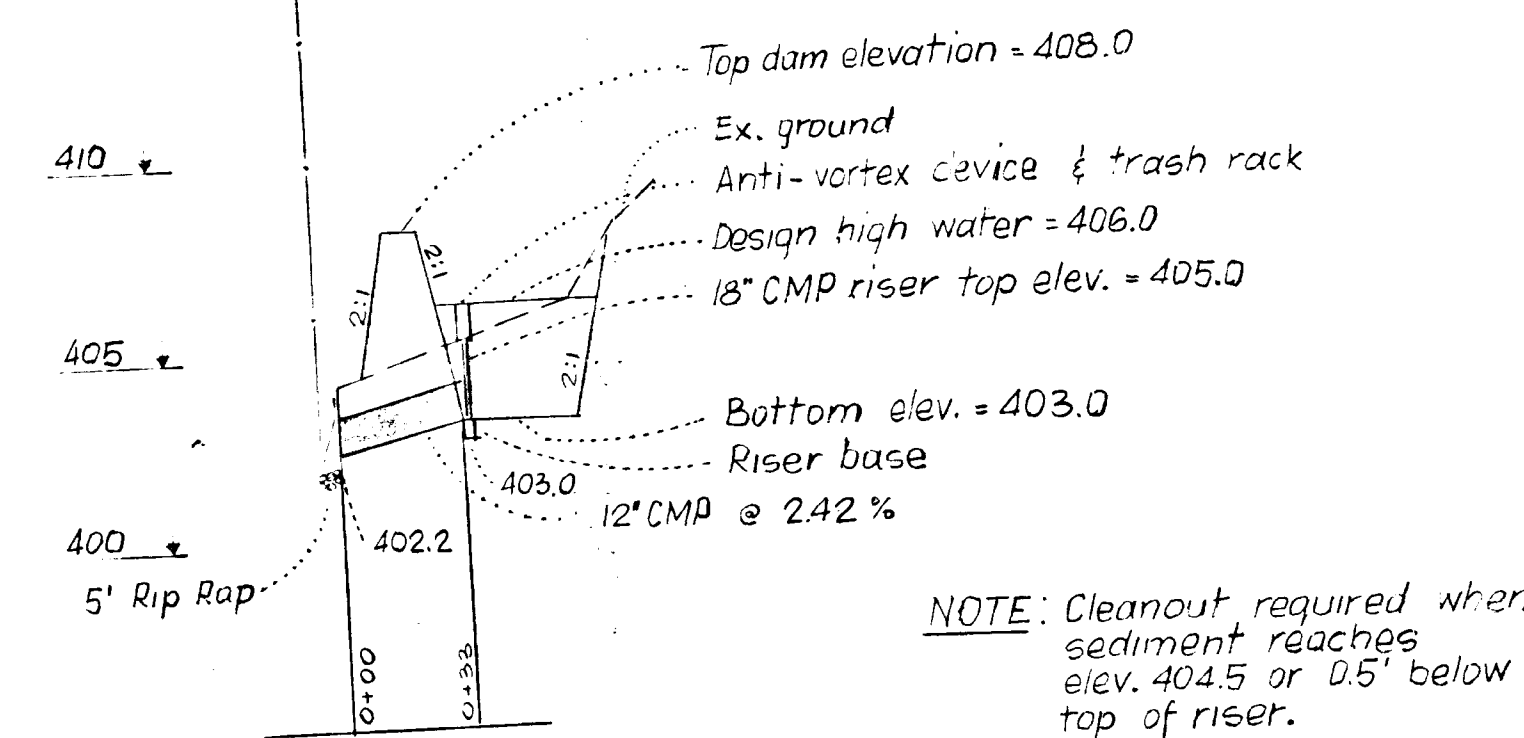
SCALE:
HOR. 1" = 50'
VERT. 1" = 5'



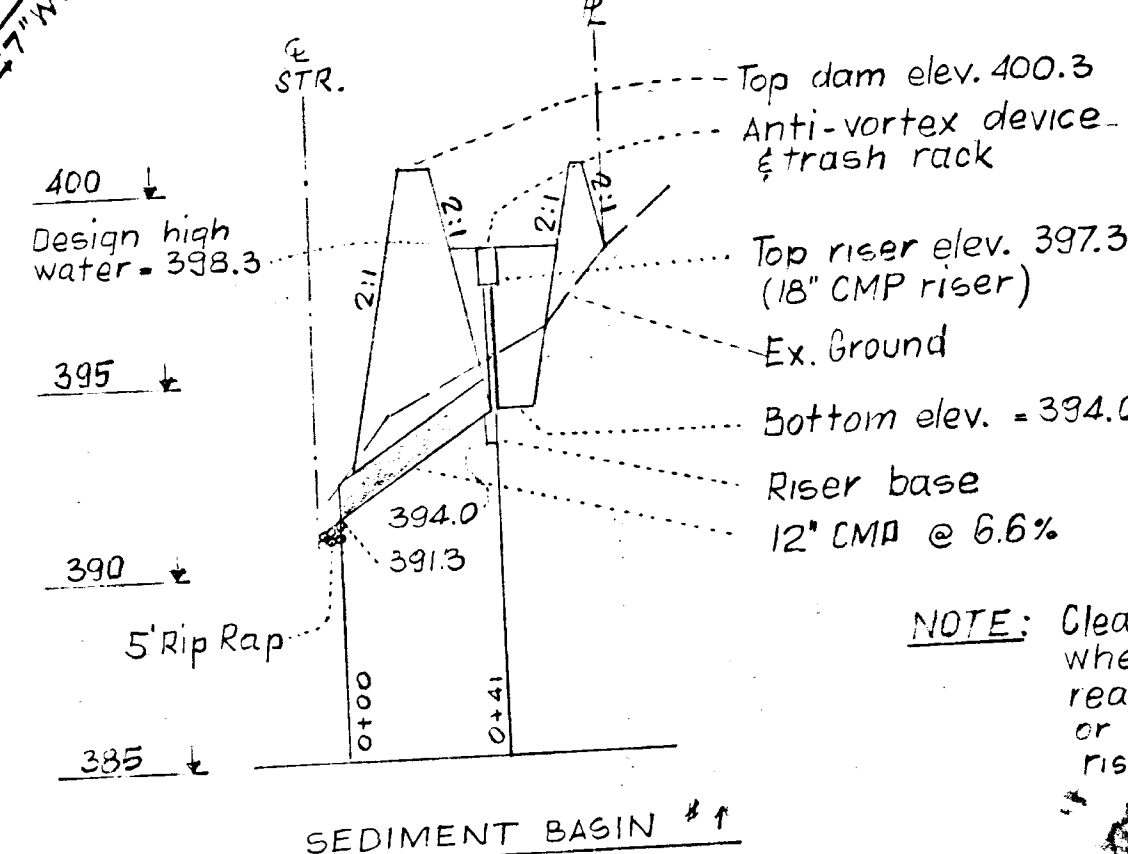
SEDIMENT BASIN #3



SEDIMENT BASIN #4



SEDIMENT BASIN #1



SEDIMENT BASIN #2

NOTE: Cleanout required when sediment reaches elev. 399.3 or 0.7' below top of riser.

NOTE: Approx. loc. of exist. 26" gas main. Contractor shall verify exact location of Sediment Basin #1. No excavation within 5' of gas main. Contractor shall notify Baltimore Gas & Electric Co. 24 hrs. in advance of construction near gas main.

ENGINEER'S CERTIFICATE
I hereby certify that the plan of the plan for control meet the requirements specifications of the Howard Soil Conservation District.
R.J.S. CLARK
DATE 2-24-72

DEVELOPER'S CERTIFICATE
I hereby certify that all development and/or construction will be done according to this plan of development and plan of silt & sediment control.
J. M. Clark
DATE 2/24/72

STATE OF MARYLAND
REGISTERED PROFESSIONAL ENGINEER
R.J.S. CLARK
2-24-72

SEDIMENT BASIN #2
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION & SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
REVIEWED: R.J.S. CLARK DATE 3-1-72
APPROVED: R.J.S. CLARK DATE 3-1-72
HOWARD SOIL CONSERVATION DISTRICT

CLARK • FINEROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
317 SILVER SPRING AVENUE • SILVER SPRING, MARYLAND 20910 (301) 589-3111

DESIGNED: R.J.S. CLARK
DRAWN: GABE
CHECKED: R.J.S. CLARK
DATE: JUNE 27, 1972

SCALE: 1" = 20'
DRAWING: 1011
SHEET: 75-335
PROJECT: 1007-11

SEDIMENT CONTROL PLAN
PARCEL #1
SECTION 1
VILLAGE OF LONGREACH
COLUMBIA
7TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
5520 WISCONSIN AVENUE
CLAY CITY, MD. 20705

SDP 73-71C

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER _____ DATE _____

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING _____ DATE _____

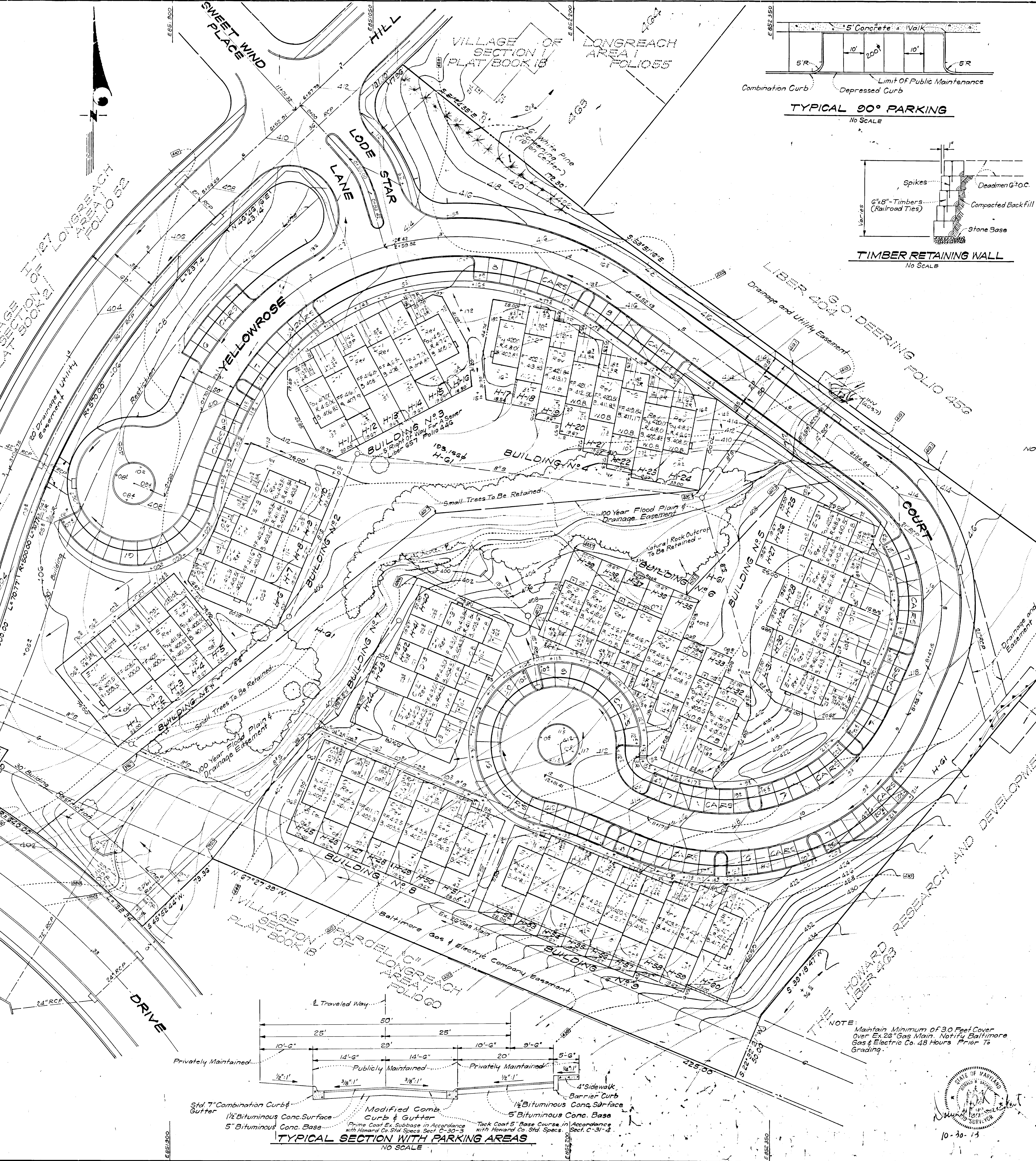
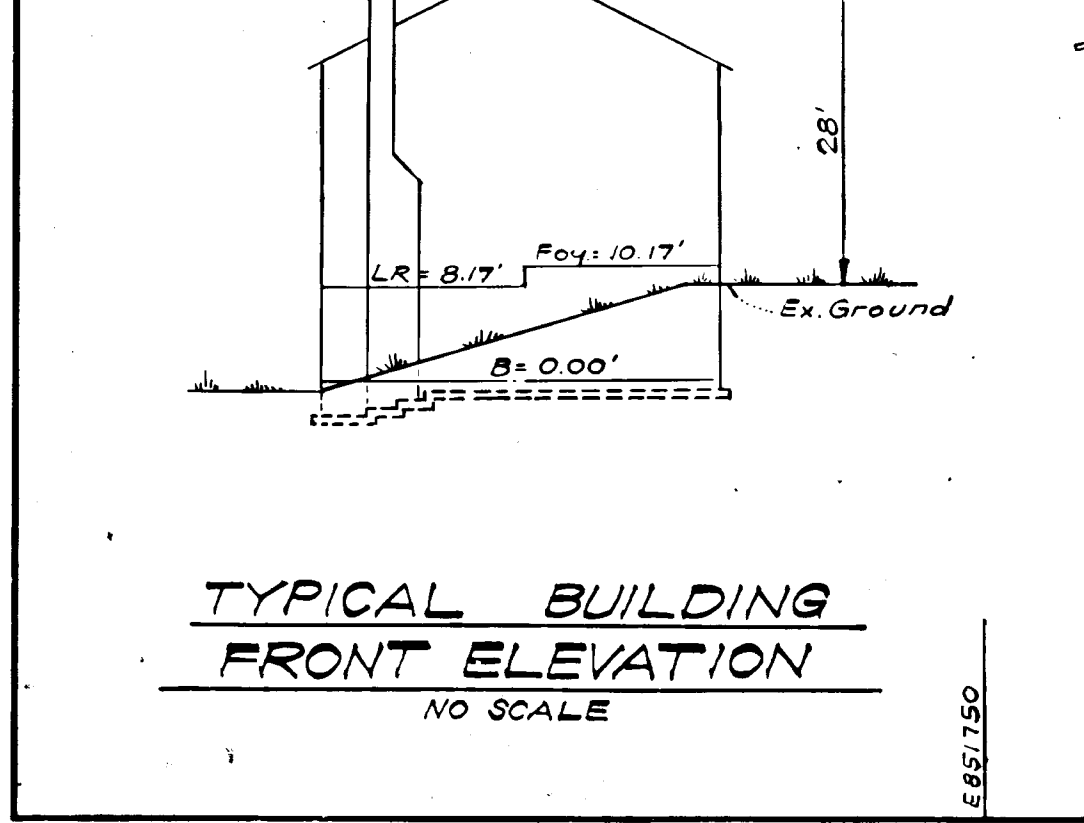
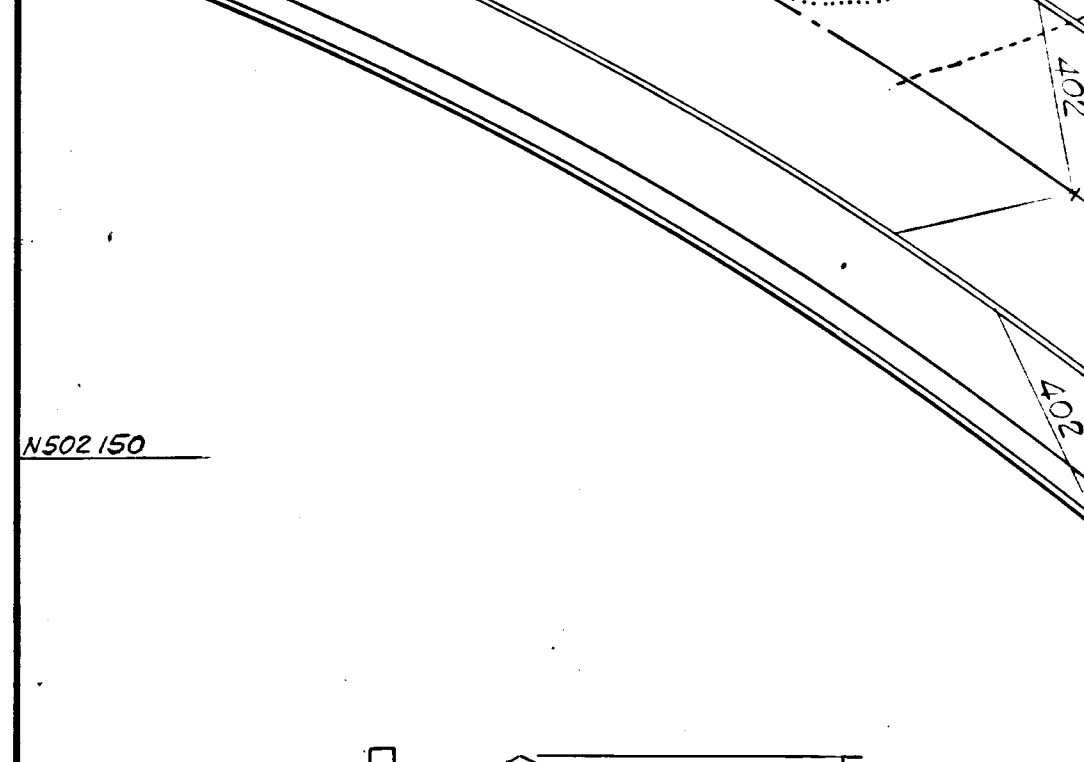
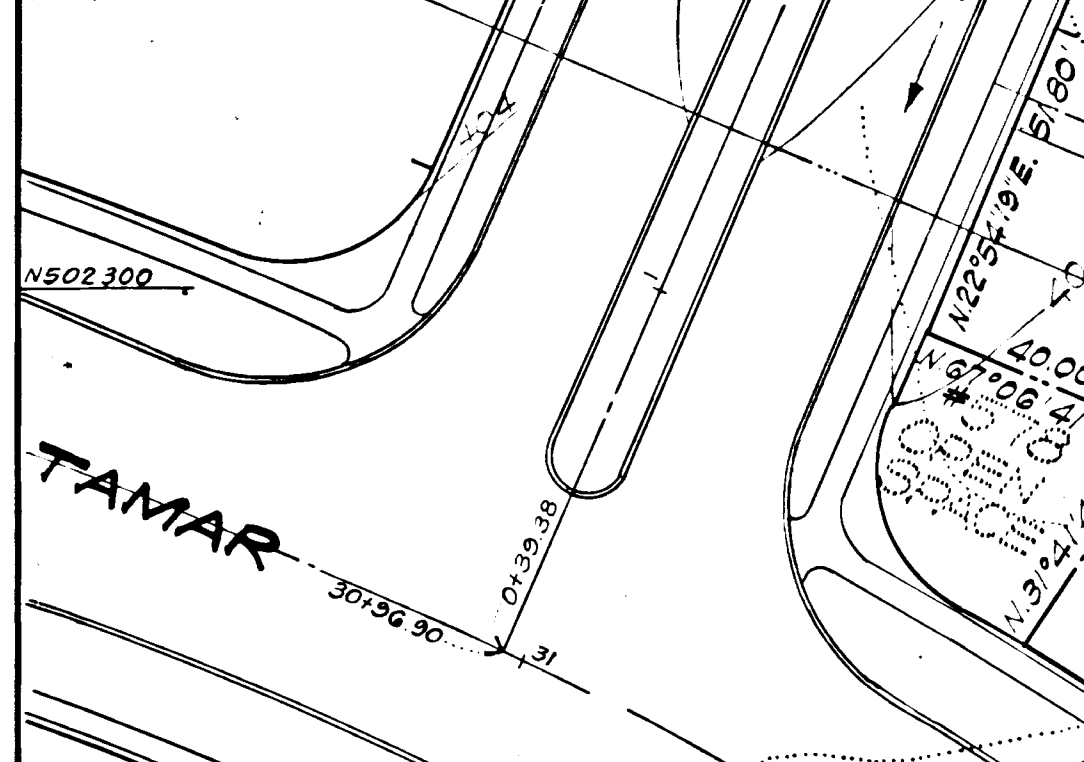
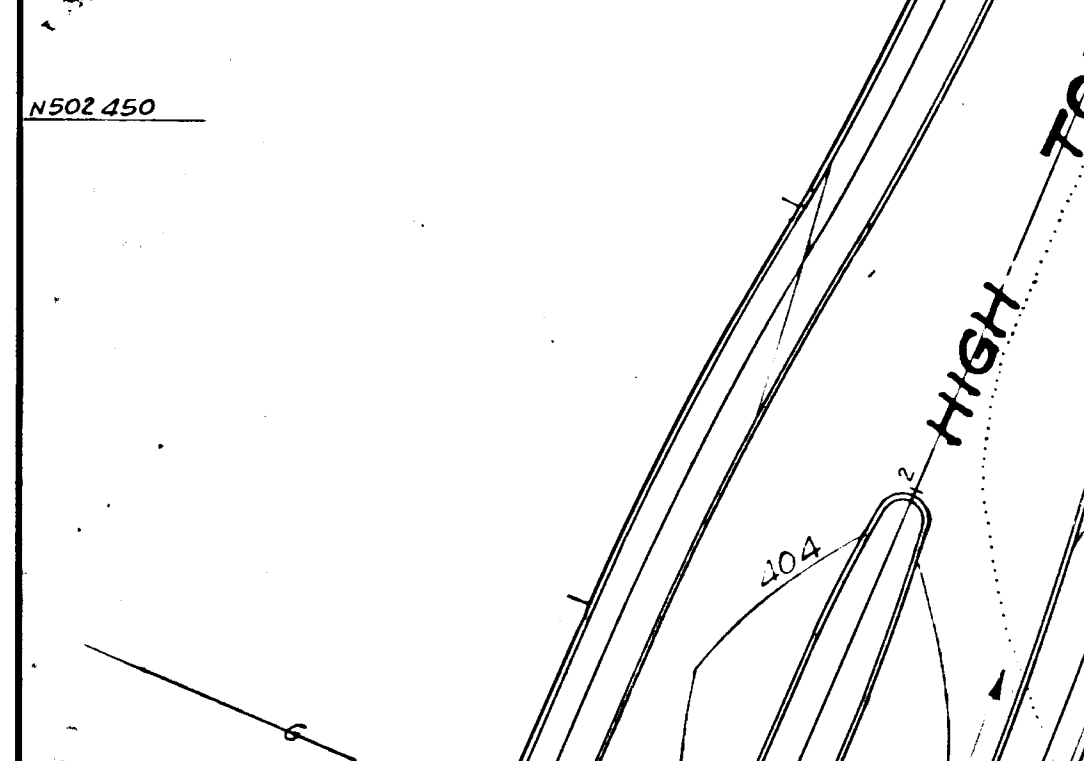
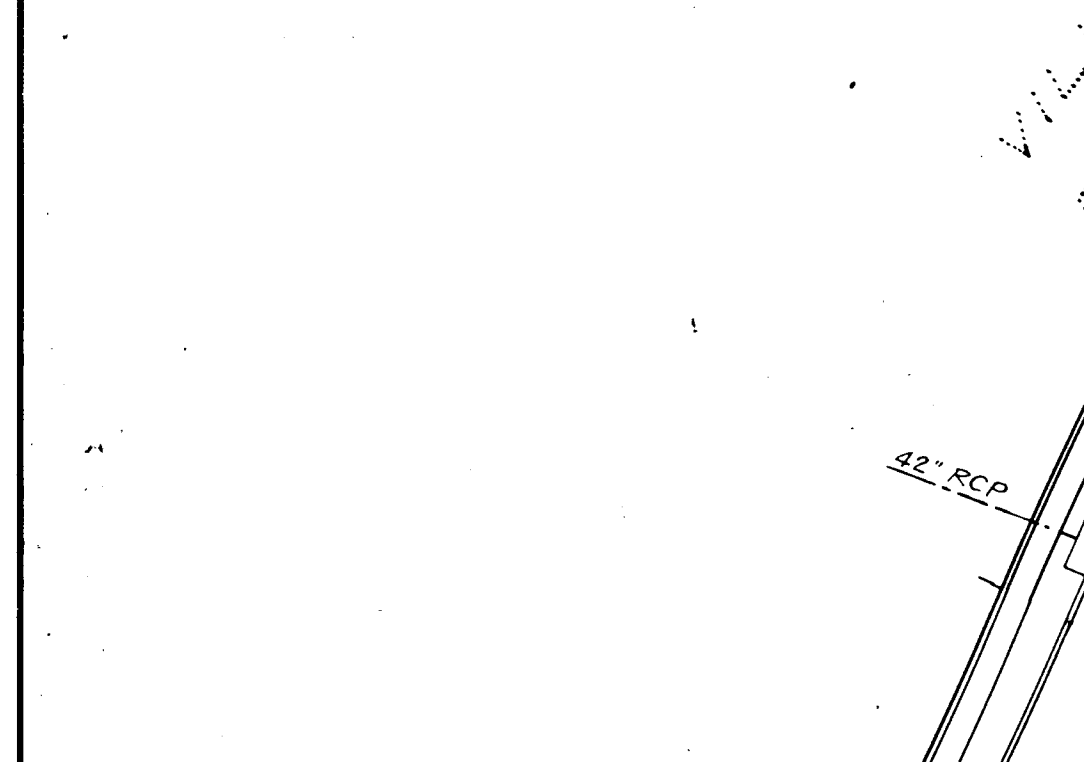
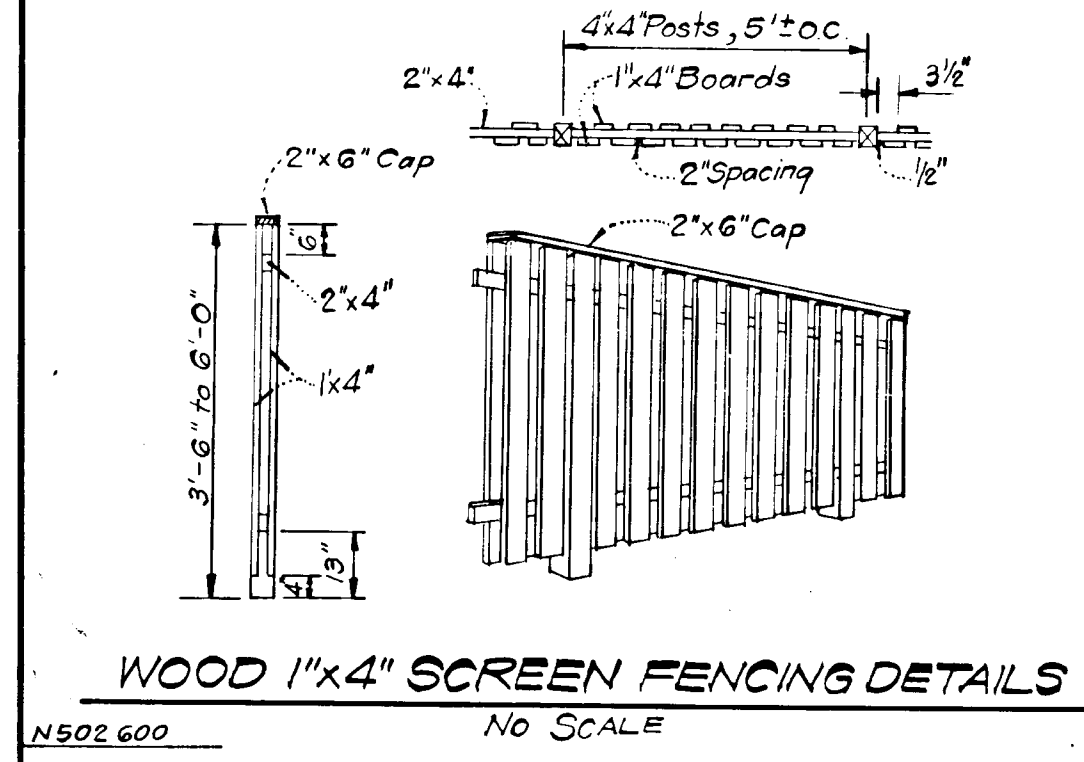
PLANNING DIRECTOR _____ DATE _____

CHIEF, DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING _____ DATE _____

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORAGE/DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS _____ DATE _____

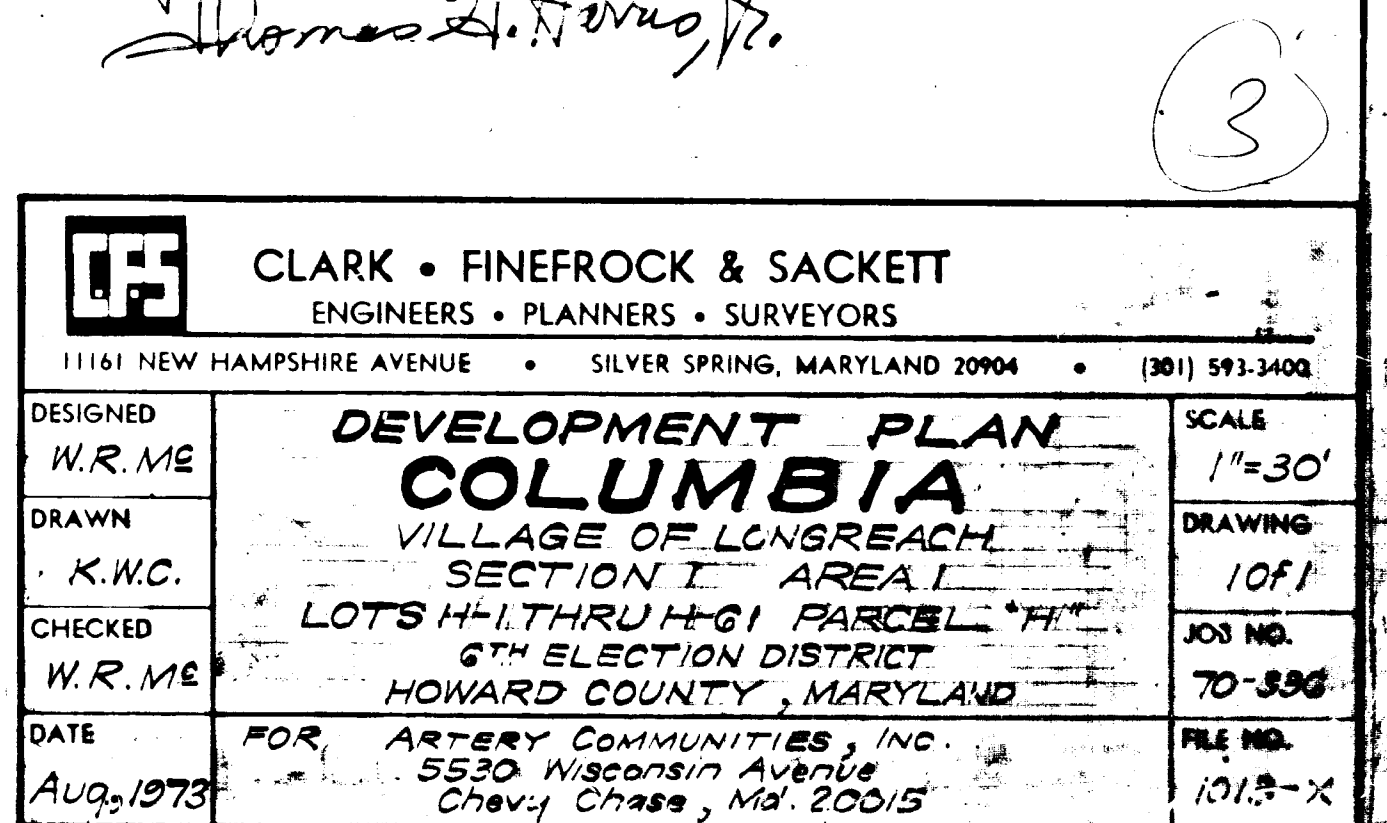
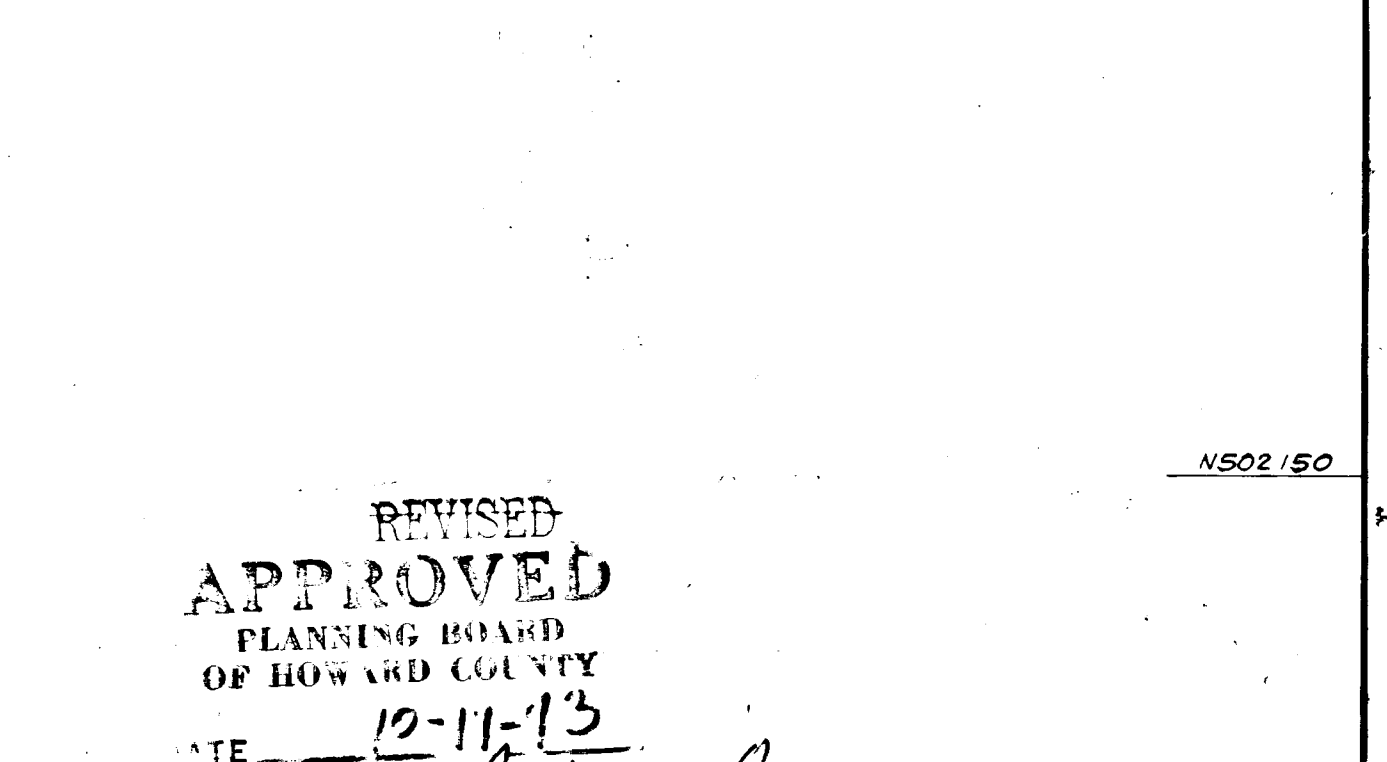
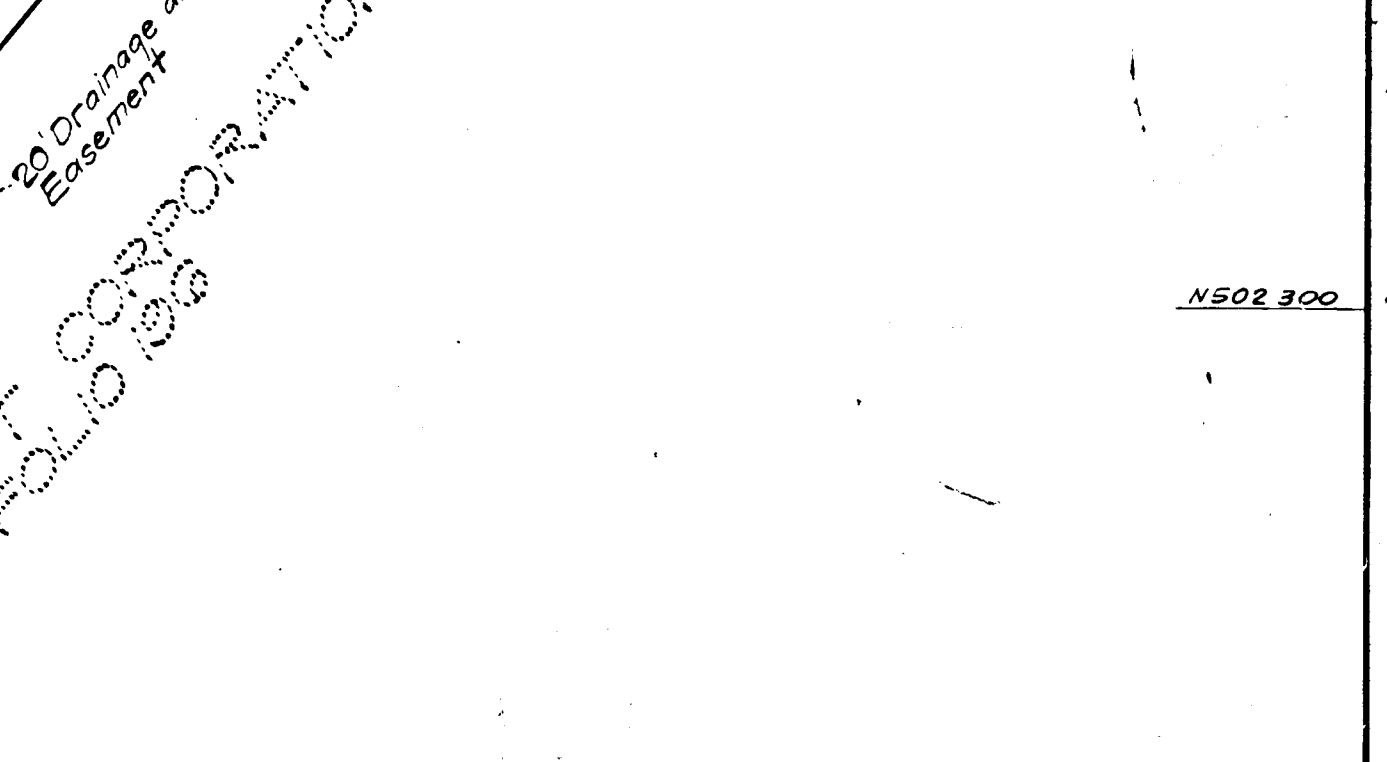
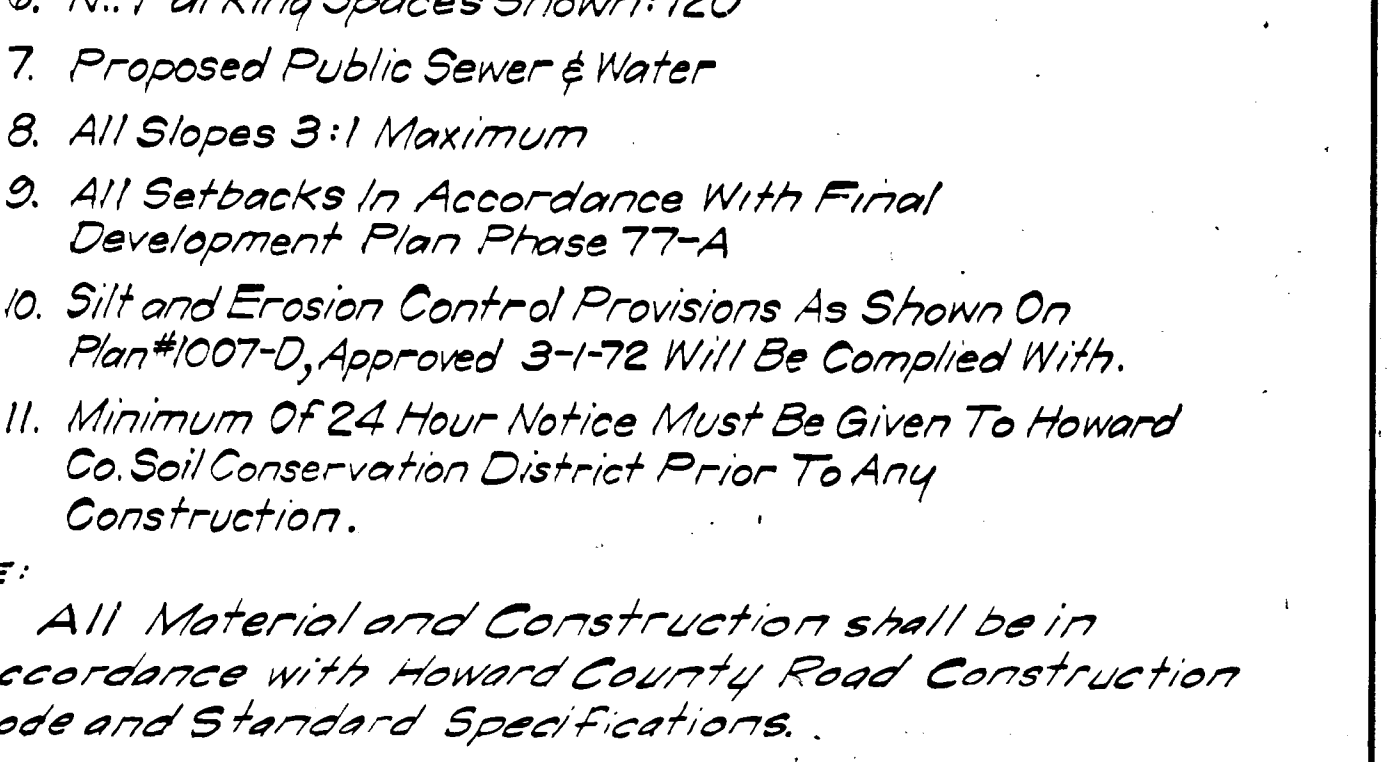
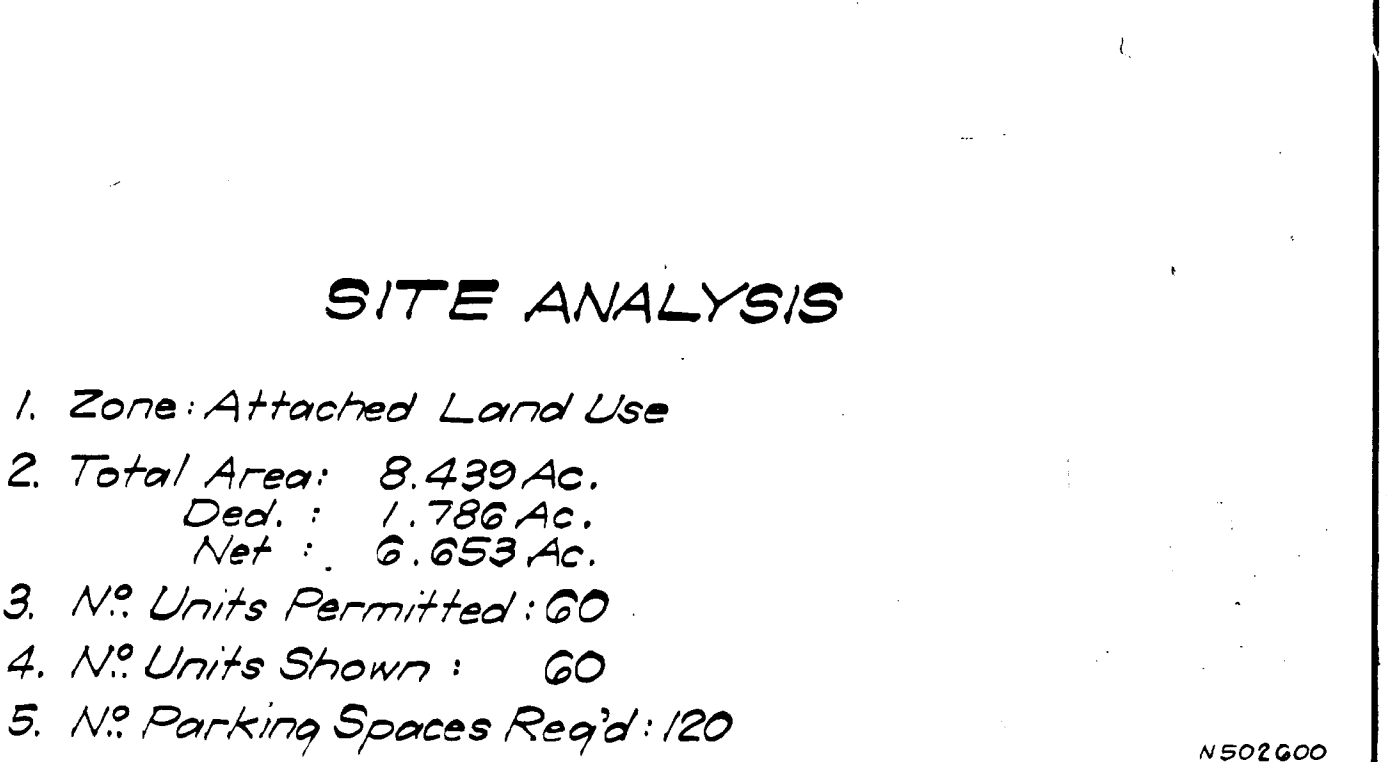
DIRECTOR _____ DATE _____

CHIEF, BUREAU OF HIGHWAYS _____ DATE _____



LEGEND

- Existing Contour
- Proposed Contour
- Proposed Spot Elevation
- Contour Interval
- Retaining Wall
- Direction of Flow
- Existing Trees To Be Retained
- Flood Plain Elevations
- Walk Out Basement



REVISOR APPROVED PLANNING BOARD OF HOWARD COUNTY

DATE 12-11-13

James S. ...

NOTE: Maintain Minimum of 30 Feet Cover Over Ex. 24" Gas Main. Notify Baltimore Gas & Electric Co. 48 Hours Prior To Grading.

CLARK • FINEROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
1181 NEW HAMPSHIRE AVENUE • SILVER SPRING, MARYLAND 20904 • (301) 591-3400

DESIGNED W.R.M.E. SCALE 1"=30'

DRAWN K.W.C. DRAWING 10F1

CHECKED W.R.M.E. JOB NO. 70-396

DATE FOR AUG 1975 FILE NO. 1013-X

DEVELOPMENT PLAN COLUMBIA
VILLAGE OF LONGREACH SECTION I AREA I
LOTS H-1 THRU H-81 PARCEL "H"
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND