

- NOTES
1. No. of lots by this tract 36
 2. Min. lot area 40000 sq. ft.
 3. Water & sewerage by individual wells & septic tanks
 4. All utility lines shall be 2' wide off lot lines
 5. The lots shall be minimum 20' wide minimum 100' deep, width & 2' lot area as required by the Maryland State Health Department.
 6. Roundup Drive, Penelope Court & Hooper Rd. to be 24' Bitum. Conc. with mountable curbs.
 7. Av. lot size 41,000 sq. ft.
 8. Total Area 150,000 sq. ft.
 9. Total Area 4.2 Ac.
 10. Local Pop. 110,000, Est. 1977

NOTE: LOTS TO BE DIVIDED BY LOT TO BE SHOWN TO BE PRACTICAL NECESSARY AS SHOWN IN AREA 4

Sheet 1 of 15
DRAINAGE AREA MAP
PRELIMINARY PLAN
SECTION 4 Area 2
BEAUFORT PARK
5th DISTRICT
HOWARD COUNTY, MD.
SCALE 1"=10' JUNE, 1973

OWNER & DEVELOPER: Anne K. Gray & Susie Roundup
Beaufort Park, Fulton, Md.
Tel. 932-2007

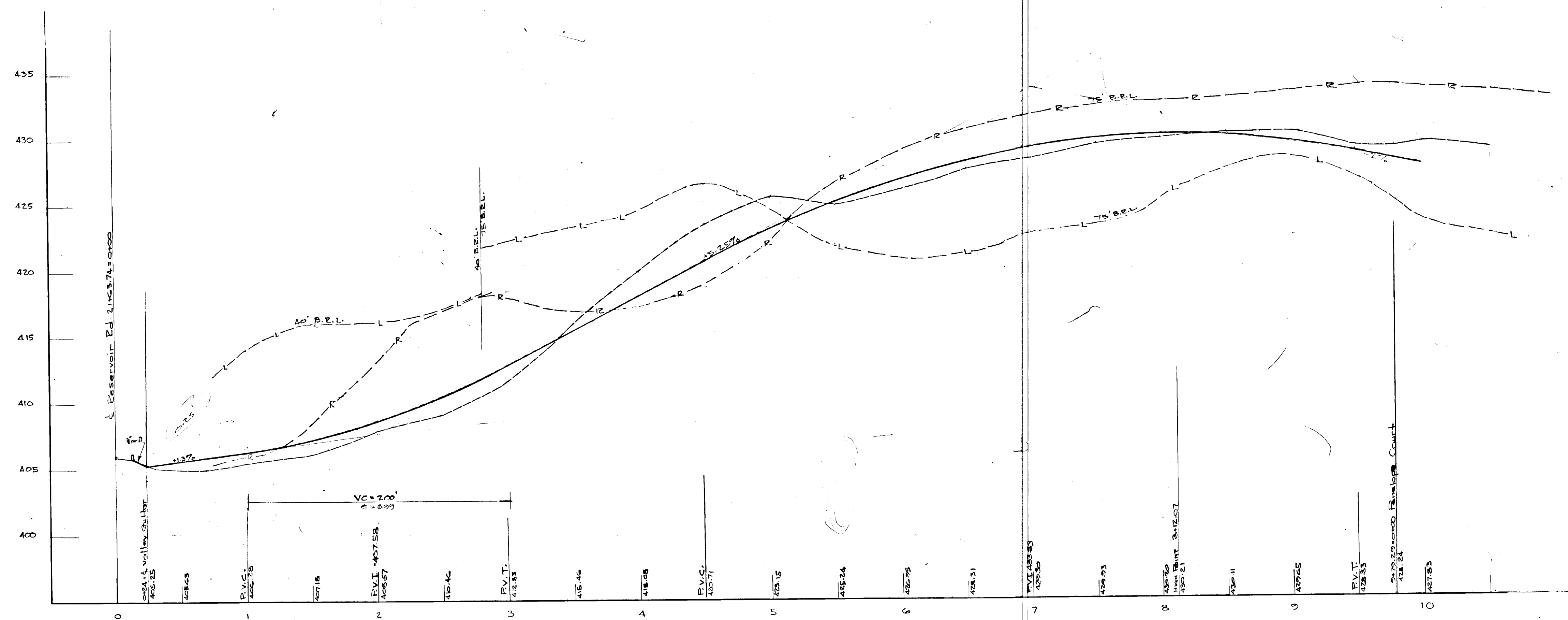
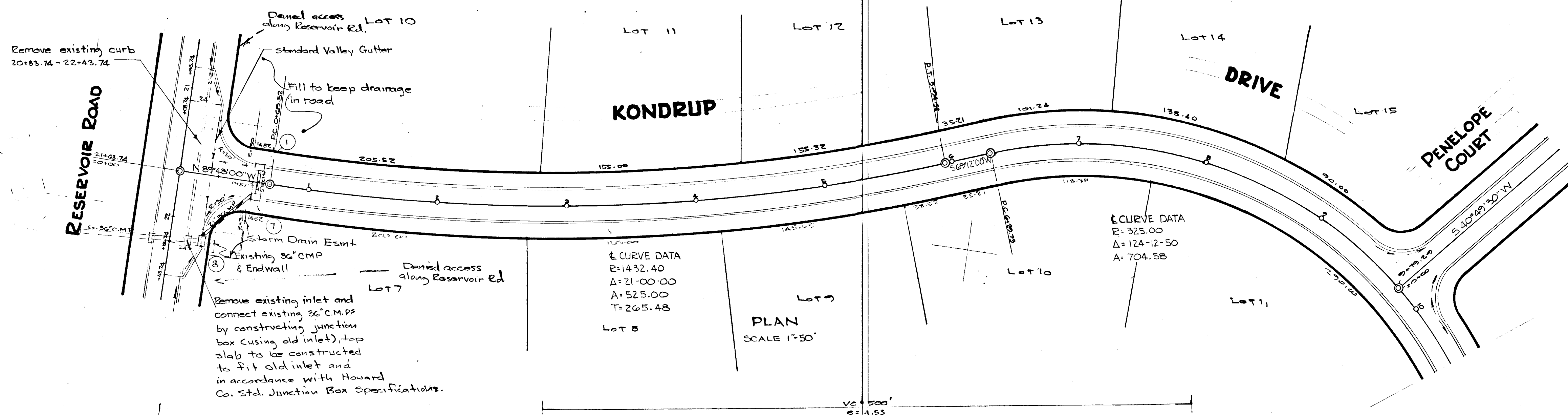
Engineer:

Revisions:
1-20-73 Revised lots to conform to Parc. Texts and revised Penelope Court to miss 60" Poplar Tree

Walter W. Williams P.E. 44565
Walter W. Williams

DEPARTMENT OF PUBLIC WORKS	
<i>S. N. Meadows</i>	2/27/73
CHIEF, BUREAU OF HIGHWAYS	PAIS
OFFICE OF PLANNING AND ZONING	
<i>J. A. Courton</i>	<i>12/1/72</i>
CHIEF	DIVISION OF LAND DEVELOPMENT DATE

#124



- LEGEND -**
- PROPOSED E
 - - - - - EXISTING E
 - - - - - BUILDING R.L. LEFT
 - - - - - BUILDING R.L. RIGHT

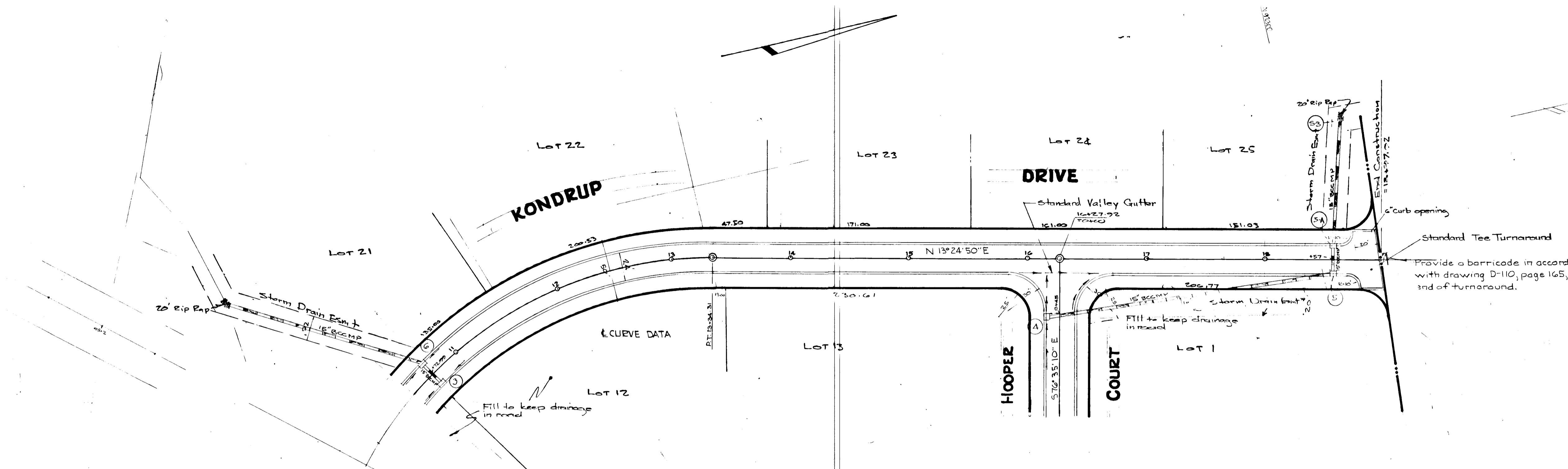
DEPARTMENT OF PUBLIC WORKS
S. N. Wickland 10/15/73
 CHIEF, BUREAU OF HIGHWAYS DATE

OFFICE OF PLANNING AND ZONING
J. P. Clowson 10/11/73
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

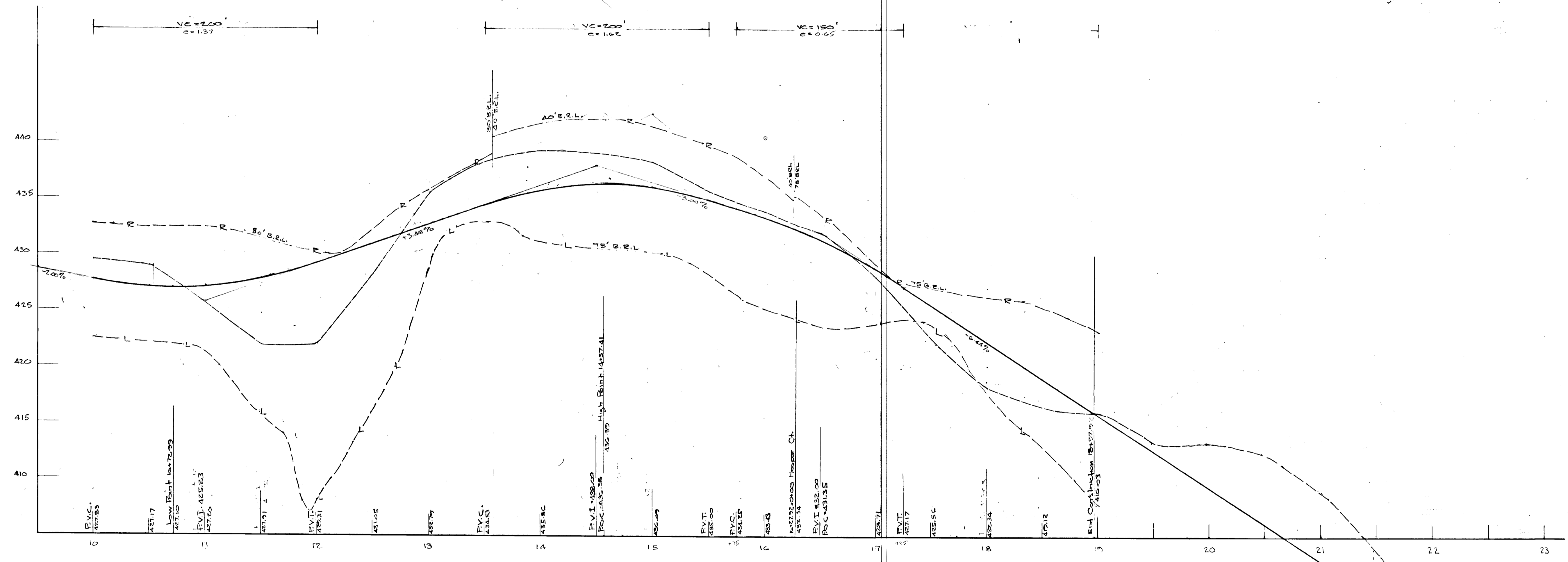
APPROVED BY
 DIVISION OF LAND DEVELOPMENT
 AND TRANSPORTATION PLANNING
 HOWARD COUNTY, MARYLAND
 DATE OCT 5 1973
JACK

Sheet 2 of 5
"BEAUFORT PARK"
 (SECT 4 Area 2)
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE - As Shown APRIL 1973
OWNER - DEVELOPER
 ANNE F. GRAY
 BEAUFORT PARK
 FULTON, MD.
ENGINEER

HUGH W. WILKESON & ASSOCIATES
 ENGINEERS AND SURVEYORS
 FT. 1, BOX 311, LOTHIAN, MD. 20820
 427-3072 741-9413



PLAN
SCALE 1"=50'



PROFILE - KONDRUP DRIVE
SCALE HOR. 1"=50'
VERT. 1"=5'

APPROVED
DIVISION OF LAND DEVELOPMENT
AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE OCT 15 1973
J.H.G.

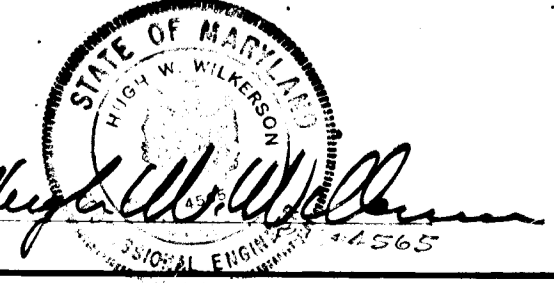
- LEGEND -
- PROPOSED E
 - - - EXISTING E
 - - - BUILDING R.L. LEFT
 - - - BUILDING R.L. RIGHT

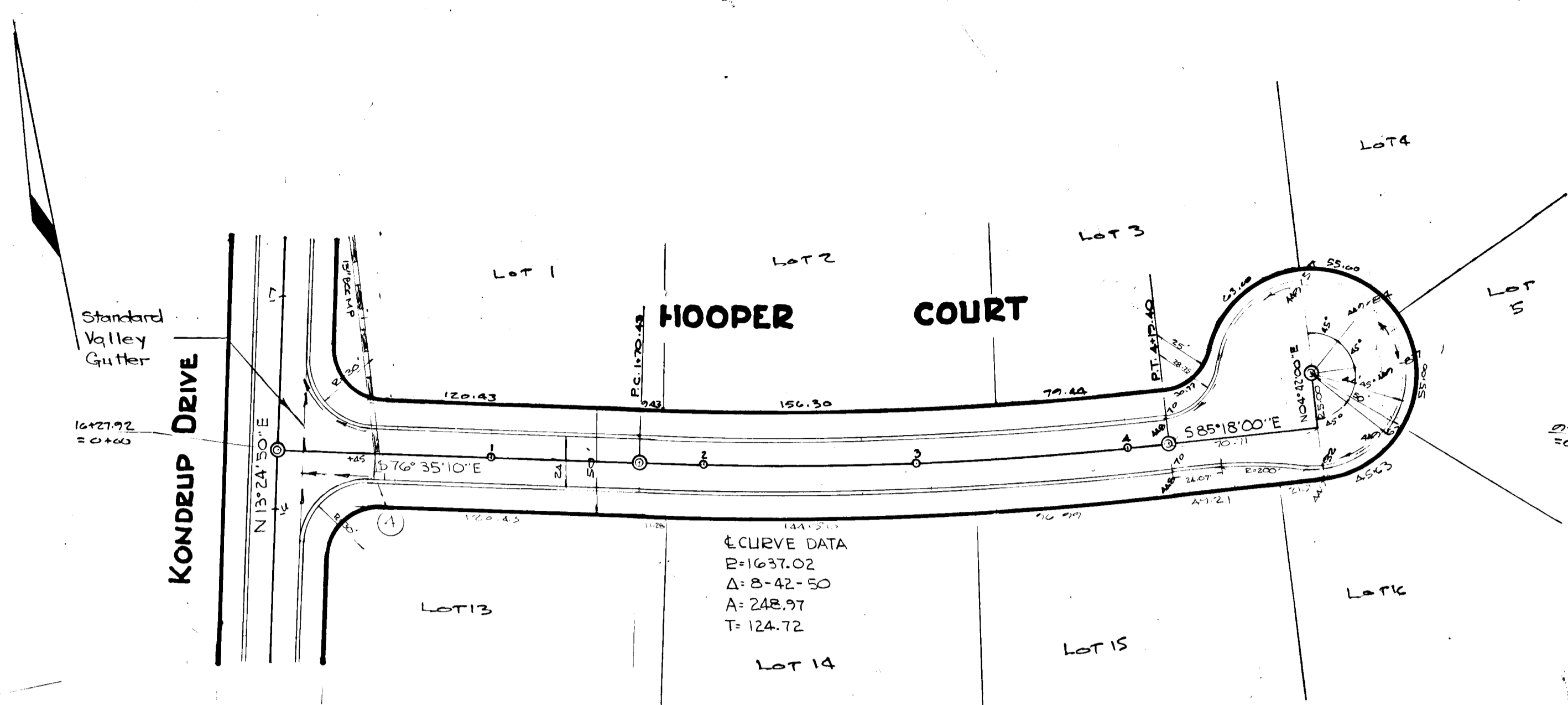
DEPARTMENT OF PUBLIC WORKS
J. P. McLeand 10/15/73
CHIEF BUREAU OF HIGHWAYS DATE

OFFICE OF PLANNING AND ZONING
J. H. Clawson 10/15/73
CHIEF DIVISION OF LAND DEVELOPMENT DATE

Sheet 2 of 5
"BEAUFORT PARK"
(SECT. 4 AREA 2)
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE - As Shown APRIL 1973
OWNER-DEVELOPER
ANNE F. GRAY
BEAUFORT PARK
FULTON, MD.
ENGINEER

RICH W. WILKINSON & ASSOCIATES
ENGINEERS AND SURVEYORS
RT. 1 BOX 311 LOTHIAN, MD. 20820
827-3072 741-9413



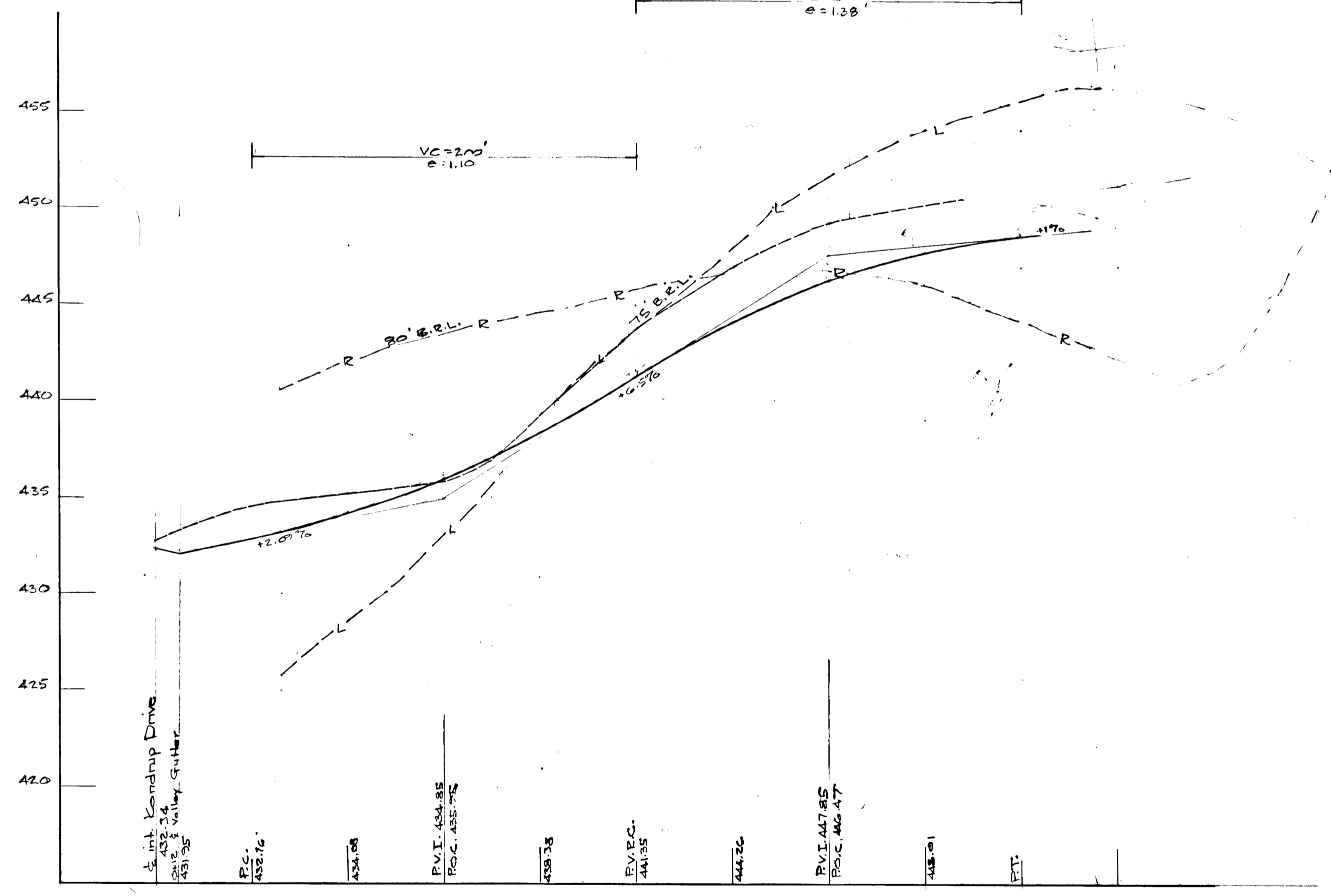


Curve Data

E	1637.02
B	42.50
A	248.97
T	124.72

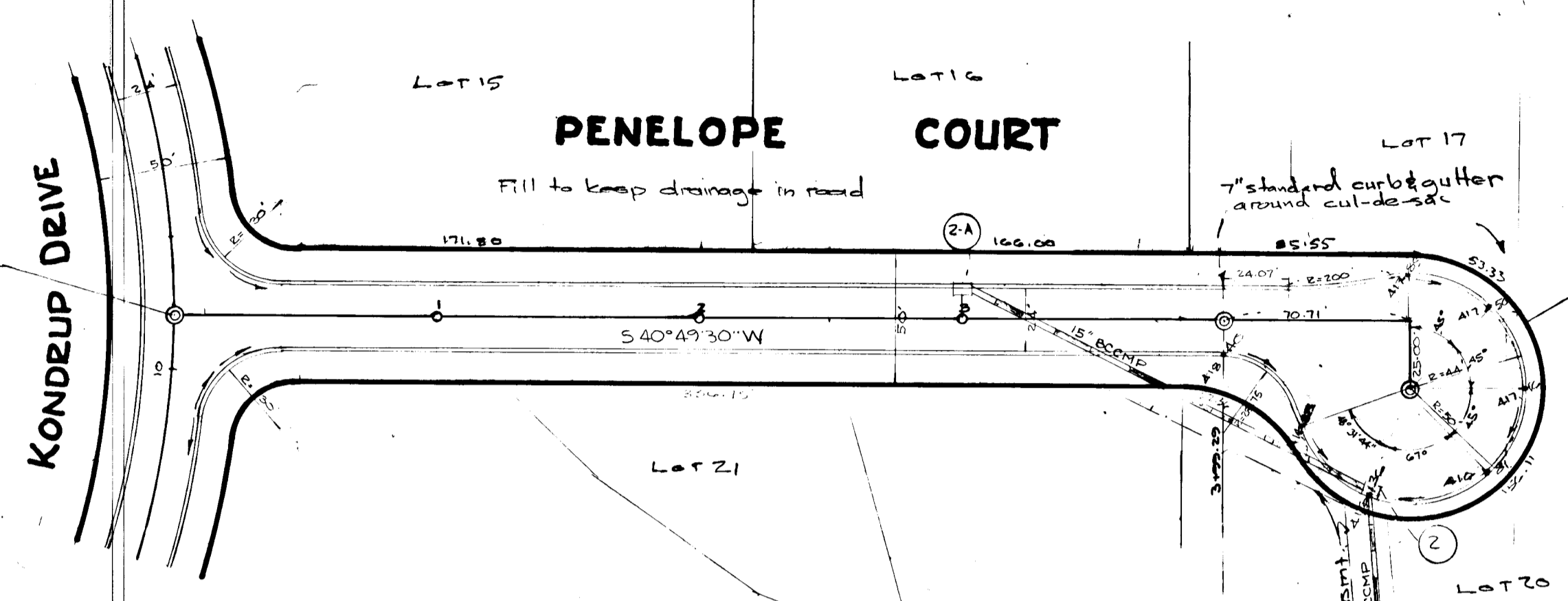
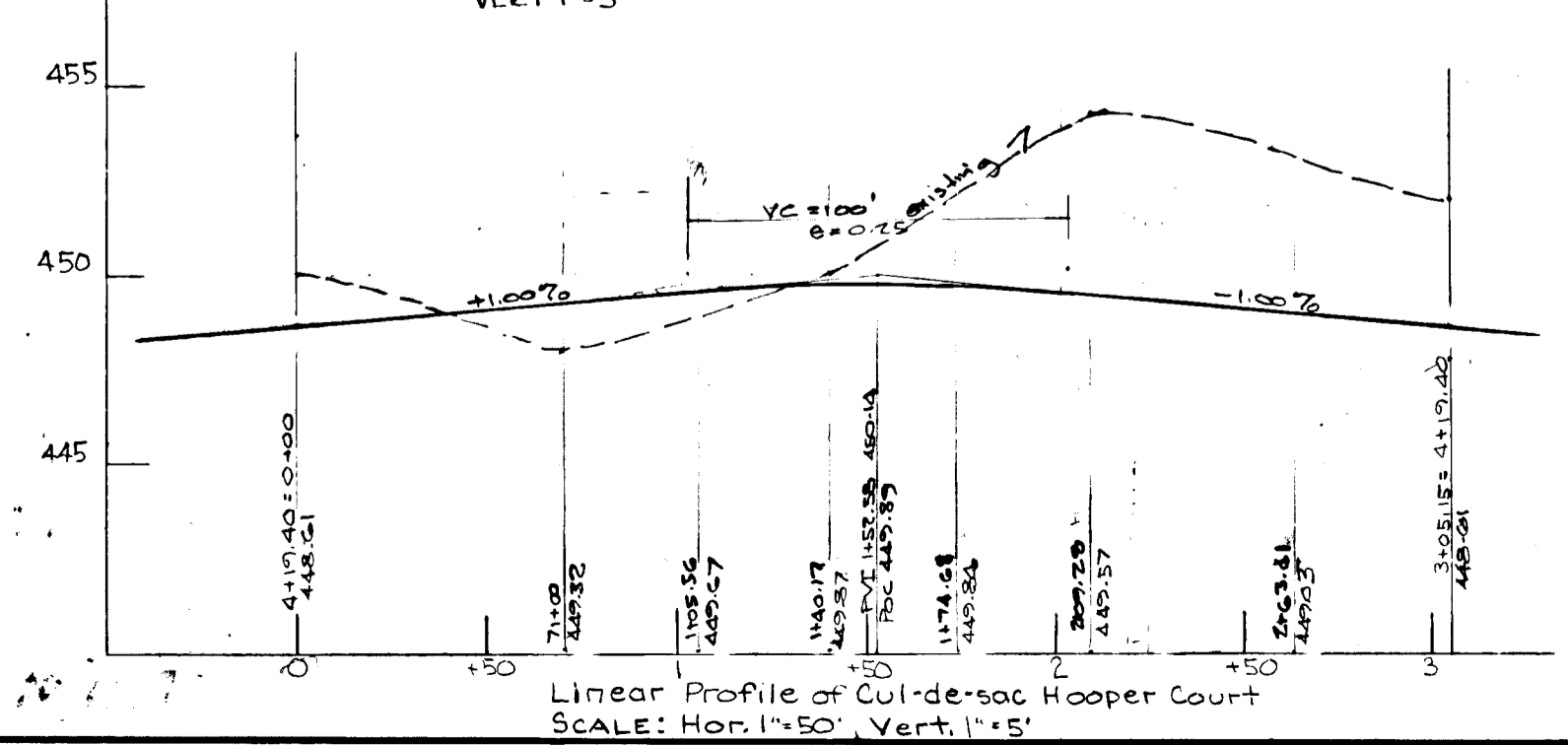
PLAN SCALE 1"=50'

VC=200'
e=1.28



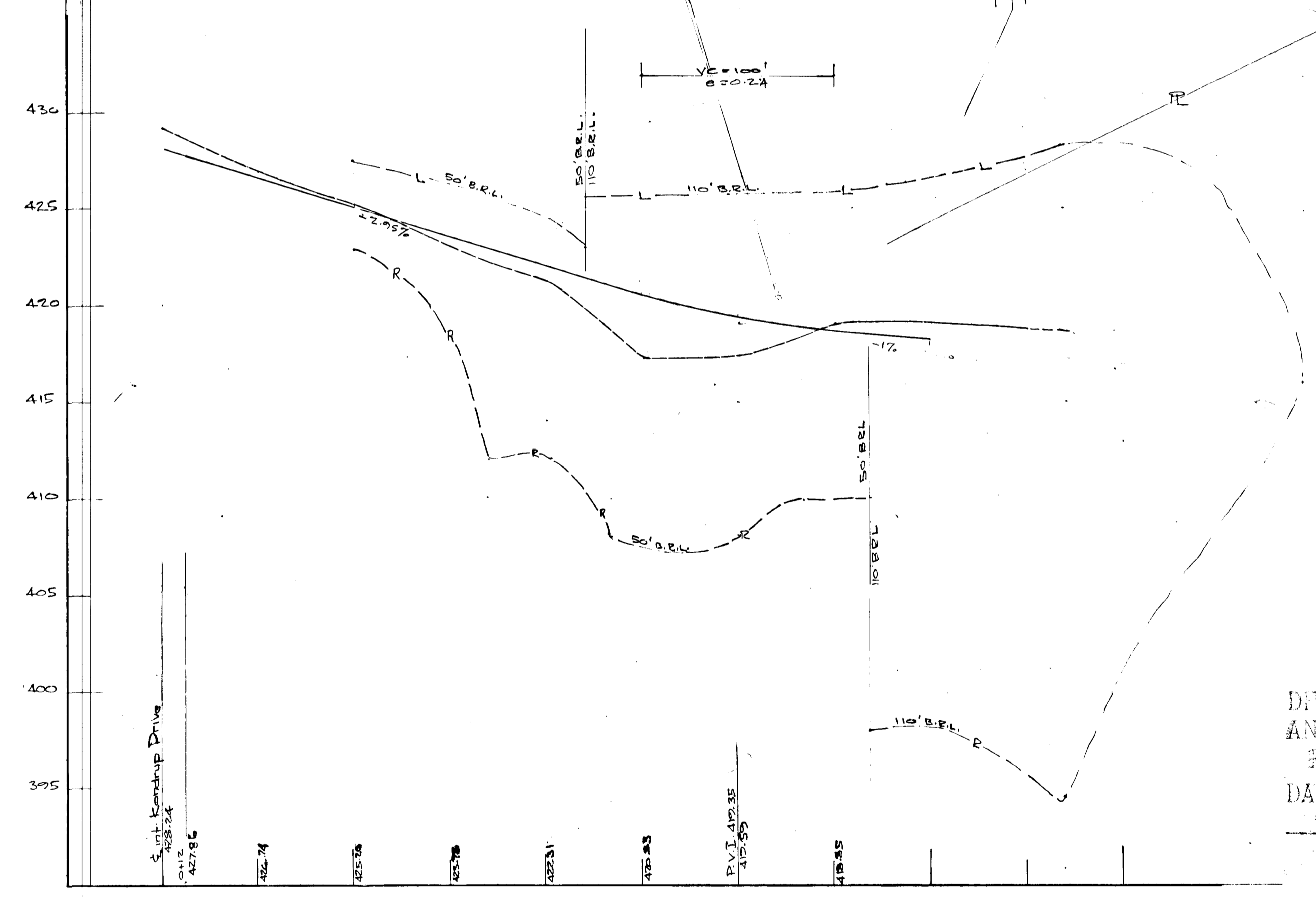
PROFILE HOOPER COURT
SCALE Hor 1"=50'
Vert 1"=5'

- LEGEND
- Proposed E
 - Existing E
 - Building R.L. Left
 - Building R.L. Right

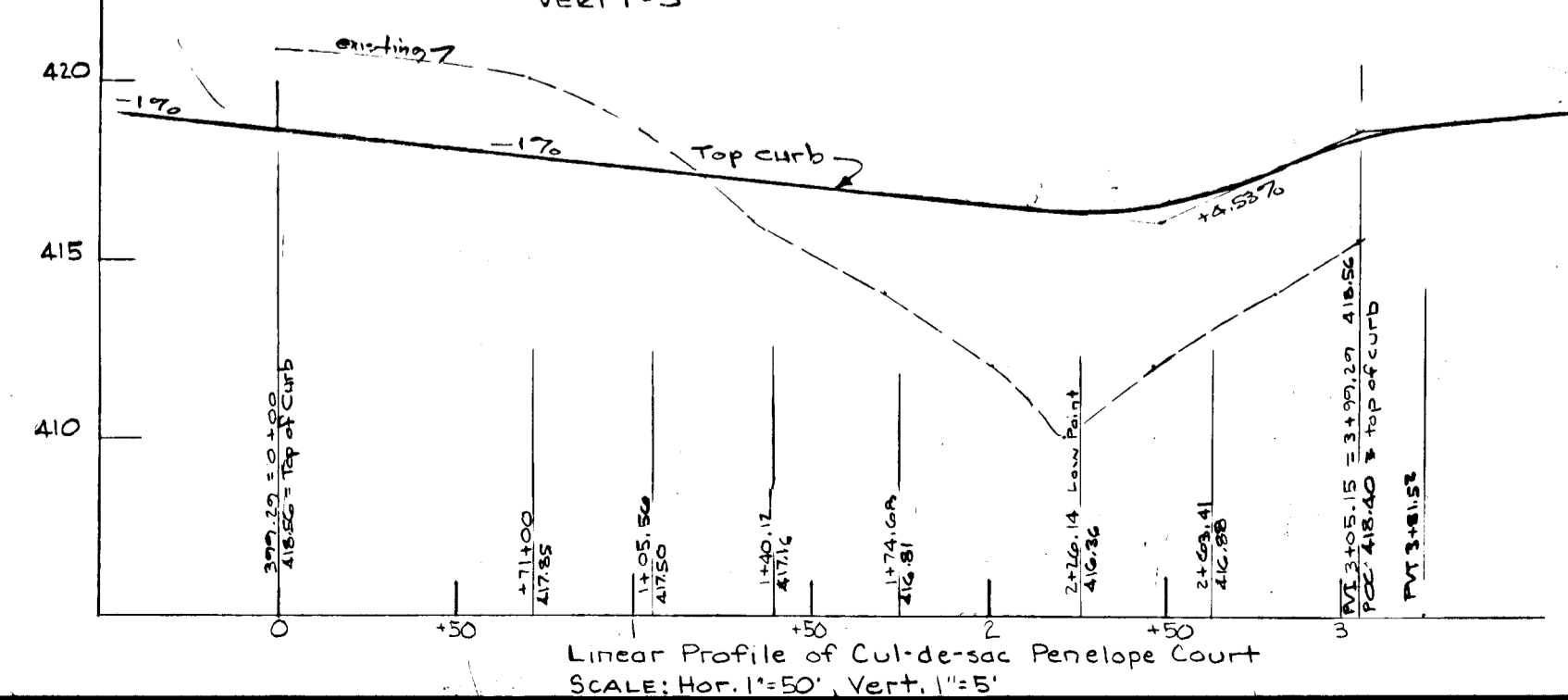


PLAN SCALE 1"=50'

VC=100'
e=0.24



PROFILE PENELOPE COURT
SCALE Hor 1"=50'
Vert 1"=5'



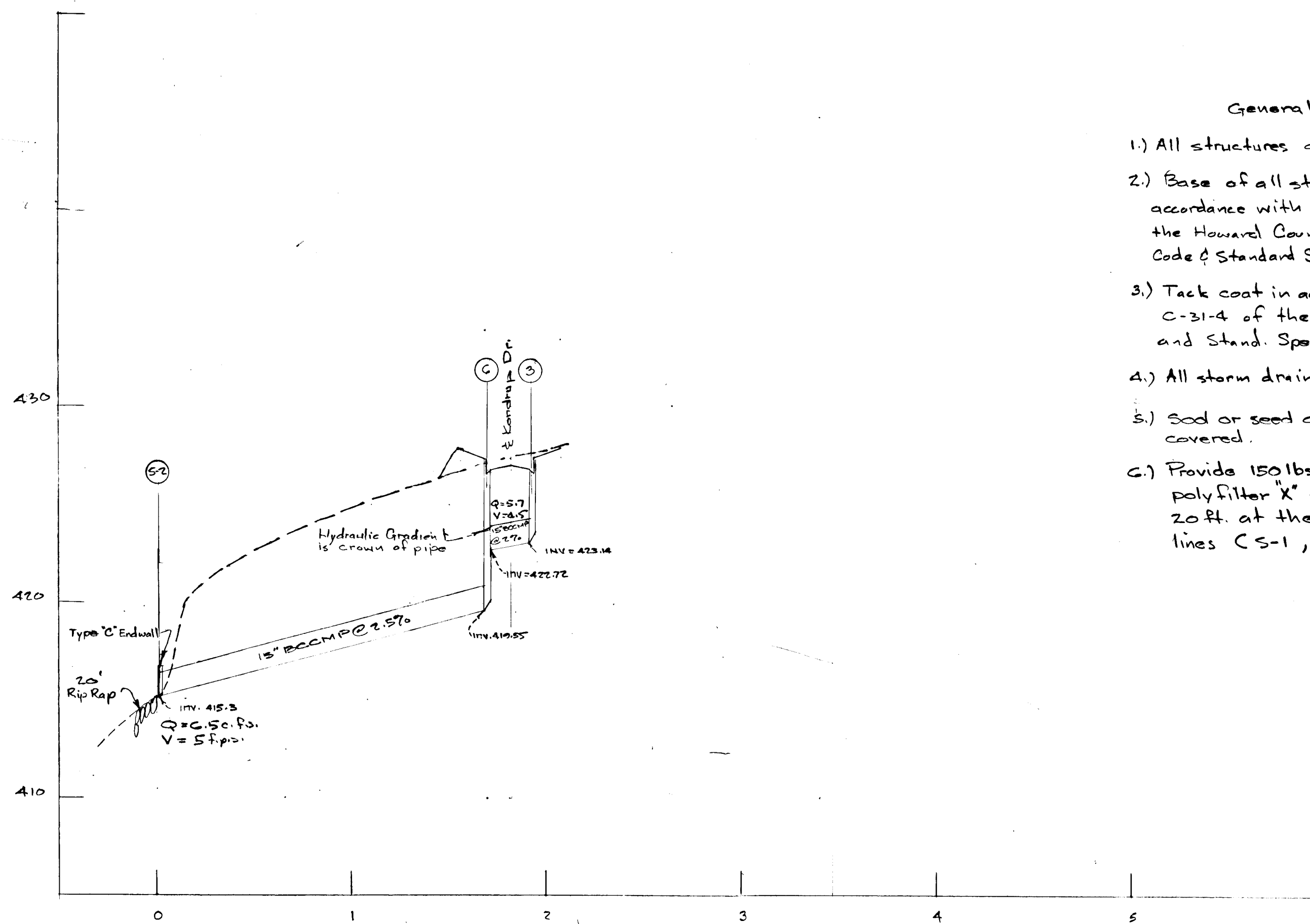
APPROVED
DIVISION OF LAND DEVELOPMENT
AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE 10/15/73

Sheet 4-55
"BEAUFORT PARK"
(Sub 4 Area 2)
5th ELECTION DISTRICT -
HOWARD COUNTY, MARYLAND
SCALE - As Shown APRIL 1973
OWNER - DEVELOPER
ANNE F. GRAY
BEAUFORT PARK
FULTON, MD.
ENGINEER

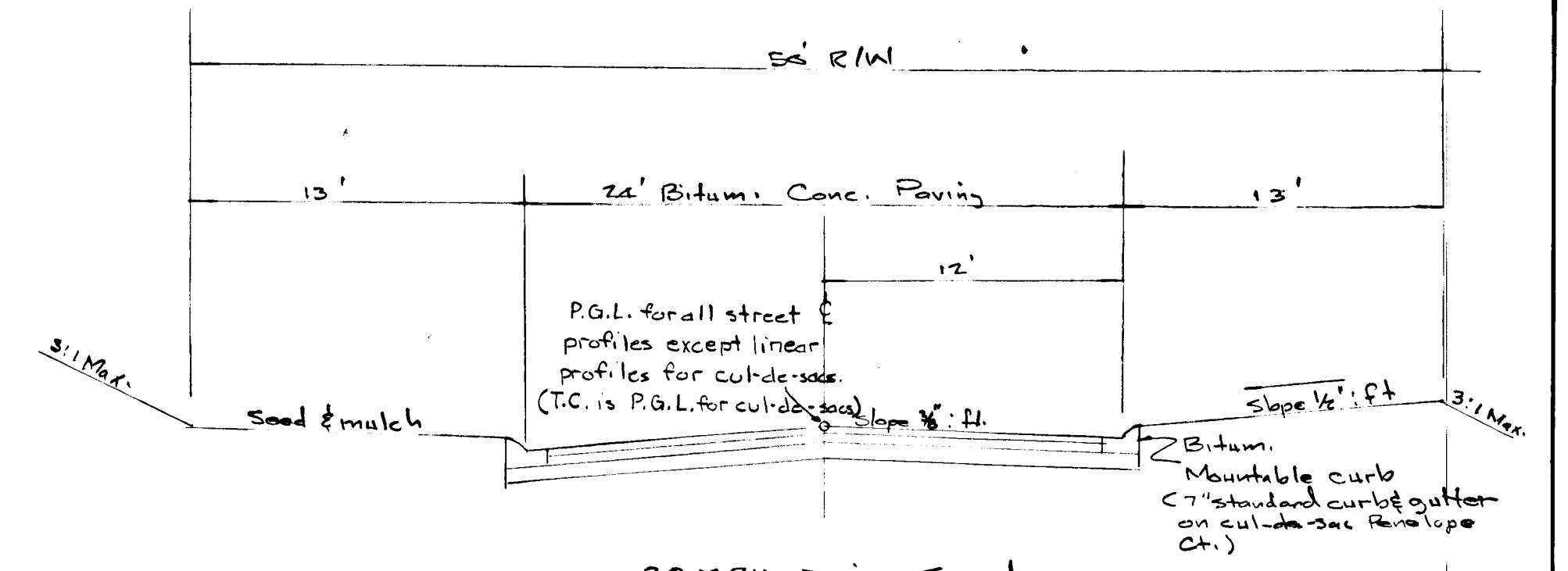
DEPARTMENT OF PUBLIC WORKS
S. M. McKeand
CHIEF, BUREAU OF HIGHWAYS
10/15/73
DATE

OFFICE OF PLANNING AND ZONING
C. H. Cameron
CHIEF, DIVISION OF LAND DEVELOPMENT
10/11/73
DATE

MUCH W. WILKINSON & ASSOCIATES
ENGINEERS AND SURVEYORS
RT. 1 BOX 311 LOTHAM, MD. 20820
827-3072 741-6413



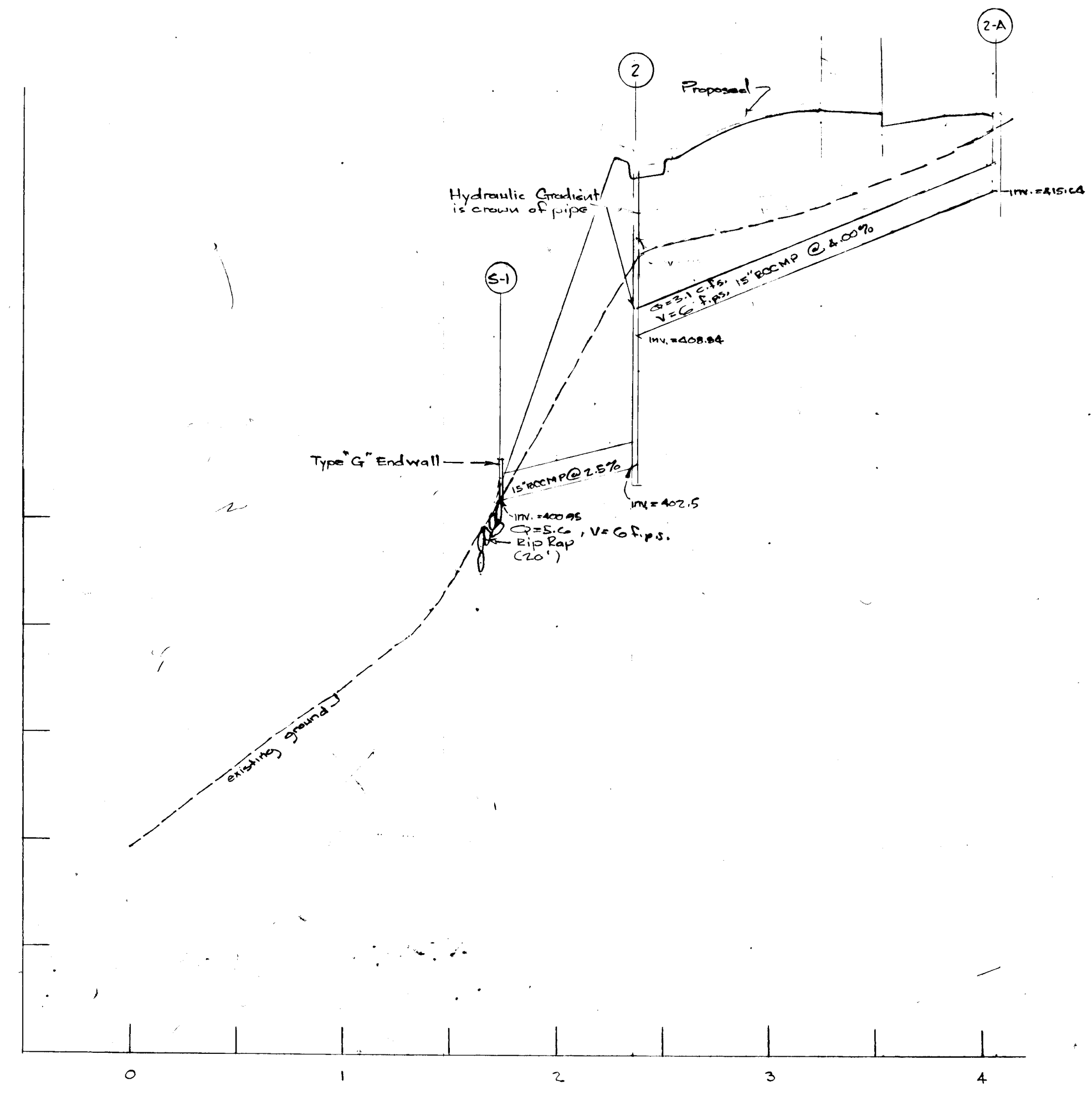
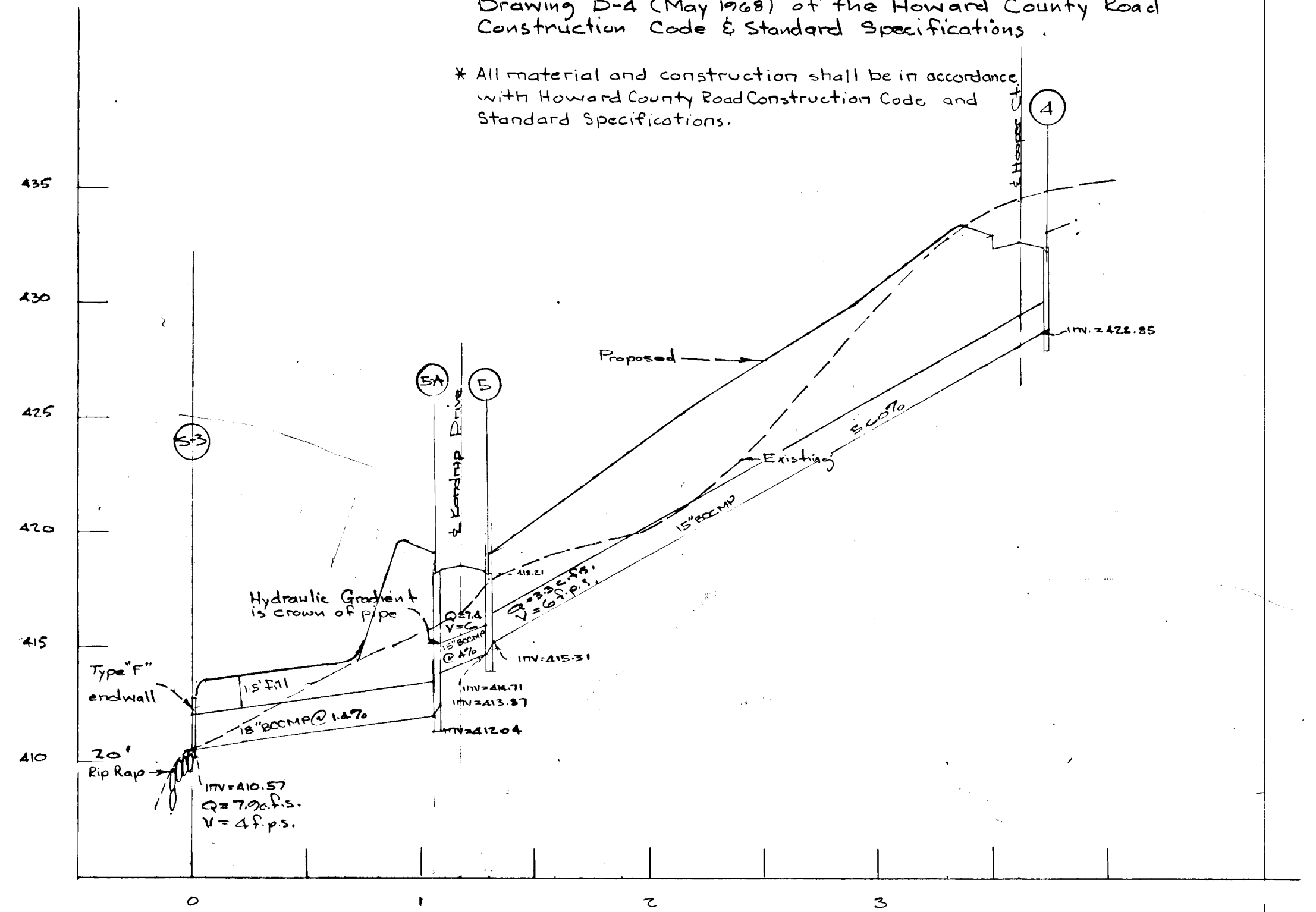
- General Notes:**
- 1) All structures are Howard County Std.
 - 2) Base of all streets will be primed in accordance with C-30-3 as provided in the Howard County Road Construction Code & Standard Specifications
 - 3) Tack coat in accordance with Section C-31-4 of the Howard Co. Road Const. and Stand. Spec.
 - 4) All storm drain pipes to have paved inverts.
 - 5) Sod or seed all disturbed areas not otherwise covered.
 - 6) Provide 150 lbs. stone ungrouted rip-rap on poly filter 'X' for a length of at least 20 ft. at the end of storm drain lines (S-1, S-2, S-3)



30 MPH Design Speed
 TYPICAL ROADWAY SECTION FOR KONDUP DRIVE
 PENELOPE COURT & HOOPER COURT
 NO SCALE

* Surface course & base course will be in accordance with Drawing D-4 (May 1968) of the Howard County Road Construction Code & Standard Specifications.

* All material and construction shall be in accordance with Howard County Road Construction Code and Standard Specifications.



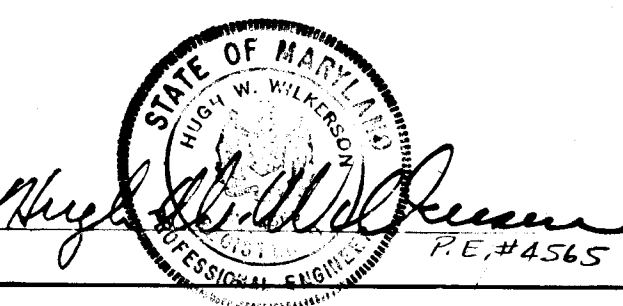
STRUCTURE SCHEDULE

No	TYPE	REMARKS	PAGE No.	INVERT IN	INVERT OUT	Top Curb elev. @ inlet
1	S Comb.	154	154	402.05	405.93	405.93
2	Class 'A' (B)	119-A	119-A	408.84	402.50	416.89
2A	S Comb.	154	154	415.64	419.77	419.77
3	Class 'A' (B)	119-A	119-A	423.14	427.27	427.27
4	S Comb.	154	154	428.84	437.88	437.88
5	S Comb.	154	154	415.31	414.71	418.84
5A	S Comb.	154	154	413.87	412.04	418.84
6	Class 'A' (B)	119-A	119-A	422.72	419.55	427.27
7	S Comb.	154	154	401.95	401.45	405.93
8	Class 'A' (B)	119-A	119-A	401.20	+	+
S1	G Endwall	116	116	400.95	—	—
S2	C Endwall	107	107	415.30	—	—
S3	F Endwall	111	111	410.57	—	—

† To be built to conform to existing conditions, cut into existing 36" pipe.
 * Refers to Howard County Road Construction Code and Standard Specifications.

DEPARTMENT OF PUBLIC WORKS
 Chief, Bureau of Highways
 DATE 10/15/73

OFFICE OF PLANNING AND ZONING
 Chief, Division of Land Development
 DATE 10/11/73



APPROVED
 DIVISION OF LAND DEVELOPMENT
 AND TRANSPORTATION PLANNING
 HOWARD COUNTY, MARYLAND
 DATE 10/13/73

"BEAUFORT PARK"

Sheet 5 of 5
 District 4 Area 2
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE - AS SHOWN JUNE 1973

OWNER-DEVELOPER

ANNE F. GRAY
 BEAUFORT PARK
 FULTON, MD.

ENGINEER

HUGH W. WILKERSON & ASSOCIATES
 ENGINEERS AND SURVEYORS
 RT. 1 BOX 311 LOTHIAN, MD. 20820
 627-3072 741-9413

EROSION & SEDIMENT CONTROL NOTES

- 1) Diverted runoff shall outlet onto an undisturbed stabilized area, a prepared level spreader, or onto a grade stabilization structure.
- 2) Structural sediment control measures, including their stabilization by seeding or sodding will be installed prior to any other grading on the site.
- 3) All areas disturbed by on-site grading, that will not be constructed upon, within 12 months, are to be stabilized with a semi-permanent type seeding and mulching as follows: Use Kentucky 31 Tall Fescue at rate of 60 lbs./acre, use clean straw for mulching at rate of 1 1/2 to 2 tons per acre, anchor with a mulch anchoring tool. Harrowing or discing shall be done on contour.
- 4) All areas disturbed by on-site grading, that will not be constructed on, within 6 months, are to be stabilized with a temporary seeding and mulching as follows: Use 2 1/2 bu./Ac. Eys (Rabit May 1 & Aug. 15 - Nov. 15) or 30 lbs./Ac Sudanensis (May 1 - Nov. 15), use clean straw for mulching at rate of 1 1/2 to 2 tons per acre, anchor with a mulch anchoring tool. Harrowing or discing shall be done on contour.
- 5) All other areas (that are not otherwise covered) disturbed by on-site grading are to be stabilized with a permanent seeding and mulching as follows: Use Kentucky 31 Tall Fescue at rate of 5 lb. per 1000 sq. ft, use clean straw for mulching at rate of 1 1/2 to 2 tons per acre and anchor with a mulch anchoring tool. Harrowing or discing shall be done on contour.

- 6) All areas disturbed by on-site grading on which permanent or semi-permanent seeding (after Oct. 15) or temporary seeding (after Nov. 15) cannot be made, will be treated by mulching as follows: 1 1/2 to 2 tons per acre of clean straw anchored with a mulch anchoring tool where tractor can operate safely, on other slopes bind mulch with liquid asphalt - rapid curing (RC-70, RC-250 or RC-800) or medium curing (MC-250 or MC-800) apply 1 gal./sq. yd., or use mulch nettings - staple light weight paper, jute, cotton or plastic nettings to the soil according to manufacturers' recommendations.

- 7) All areas to be seeded and mulched shall be prepared as follows:
Seedbed preparation - Apply 46 lb. per 1000 sq. ft of lime and 25 lb. per 1000 sq. ft of 10-10-10 fertilizer or equivalent. Thoroughly mix into soil to a min. depth of 3".

- 8) RipRap shall consist of Surge Stone having a dia. of approx. 7" and shall be laid dry on Polyfilter "X".

- 9) 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. 328.

- 10) Notify the Howard Soil Conservation District at least 24 hours before starting any work. Phone 465-3180 or 465-5000, ext. 328.

- 11) On-site inspection and maintenance of all sediment control measures, including clean-out of sediment traps or 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.

- 12) Protect all topsoil stockpiles with 2' high temporary berms around base of stockpile with minimum 25' long stone overflow berm at low point. Clean area back of berm as required to maintain an area for storage of sediment.

- 13) All stockpiles that are to be undisturbed for 3 weeks or longer, shall, immediately after piling, be fertilized, limed, and seeded with annual rye grass at rate of 1#/1000 s.f.

- 14) All fill material shall be mainly free of decomposable material.

- 15) Where existing ground levels are raised, drainage tiles will be placed at the old soil level and open into a well built around the base of all trees to remain in fill areas.

- 16) Trees damaged or jeopardized by excessive fill or root disturbance shall be removed.

- 17) Tree trunks and exposed roots damaged during equipment operations shall be painted immediately with a good grade of tree paint. All tree limbs damaged during building or land leveling, or removed for any other reason, will be sawed flush to tree trunks and painted with a tree paint.

DEVELOPER'S CERTIFICATION

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 also authorize periodic on-site inspection 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.

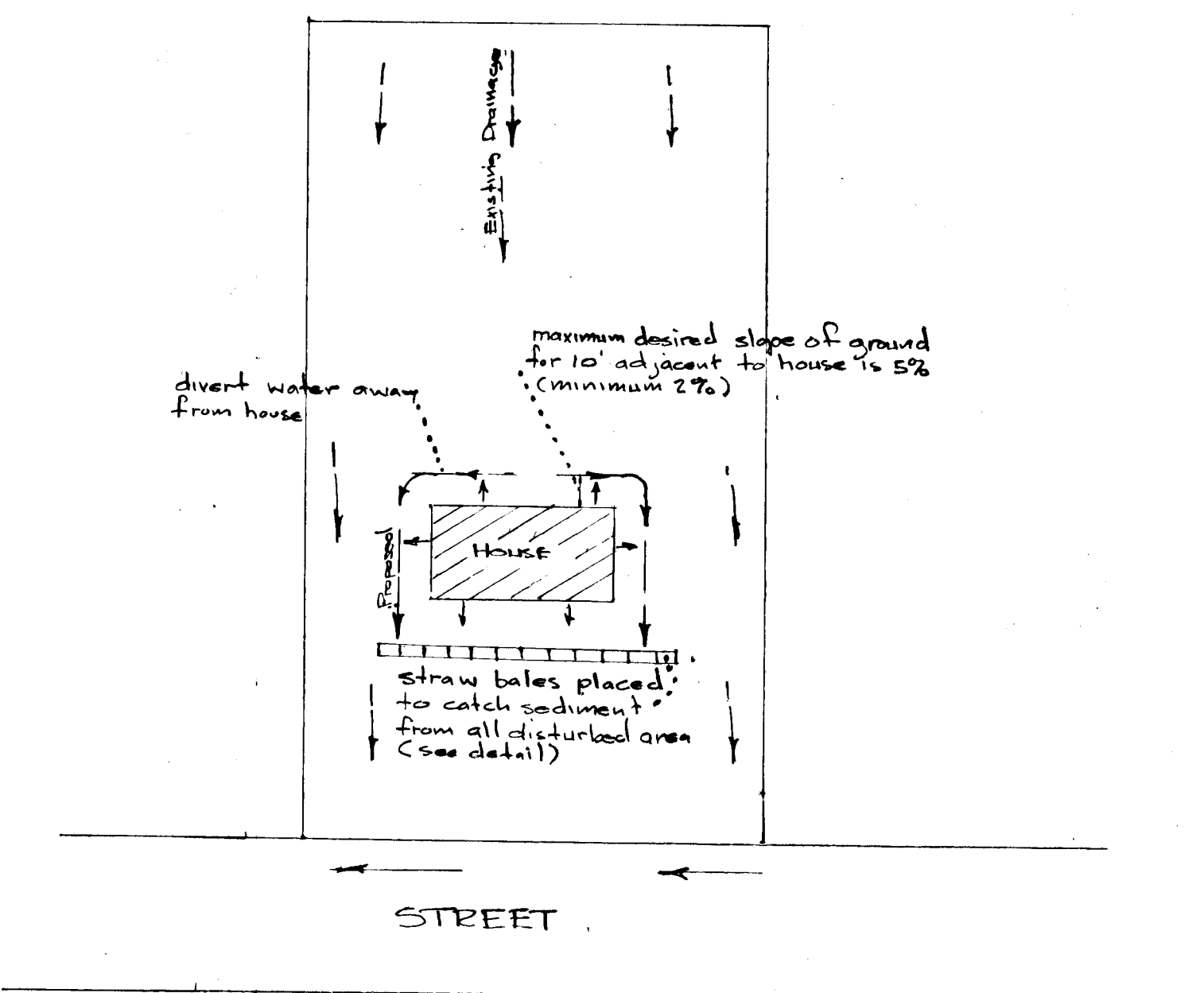
Anne K. Gray 9-7-73
* Anne K. Gray

Owner & Developer: Anne K. Gray
Beaufort Park
Fulton, Md.
Tel. 953-2807

* For streets & site grading shown on plan only

EROSION & SEDIMENT CONTROL NOTES

- 18) Boards will not be nailed to trees during building operations.
- 19) The use of heavy equipment on root systems of desirable trees should be avoided as much as possible to minimize soil compaction.
- 20) All storm drainage inlets, except as noted, are to be temporarily capped to prevent entry of sediment carrying runoff water until vegetative measures and/or paving is established as planned.



TYPICAL PLAN FOR CONSTRUCTING HOUSE ON LOT
No Scale

ENGINEER'S CERTIFICATION

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.

Hugh W. Wilkerson 7-6-73
Hugh W. Wilkerson, P.E. 4545

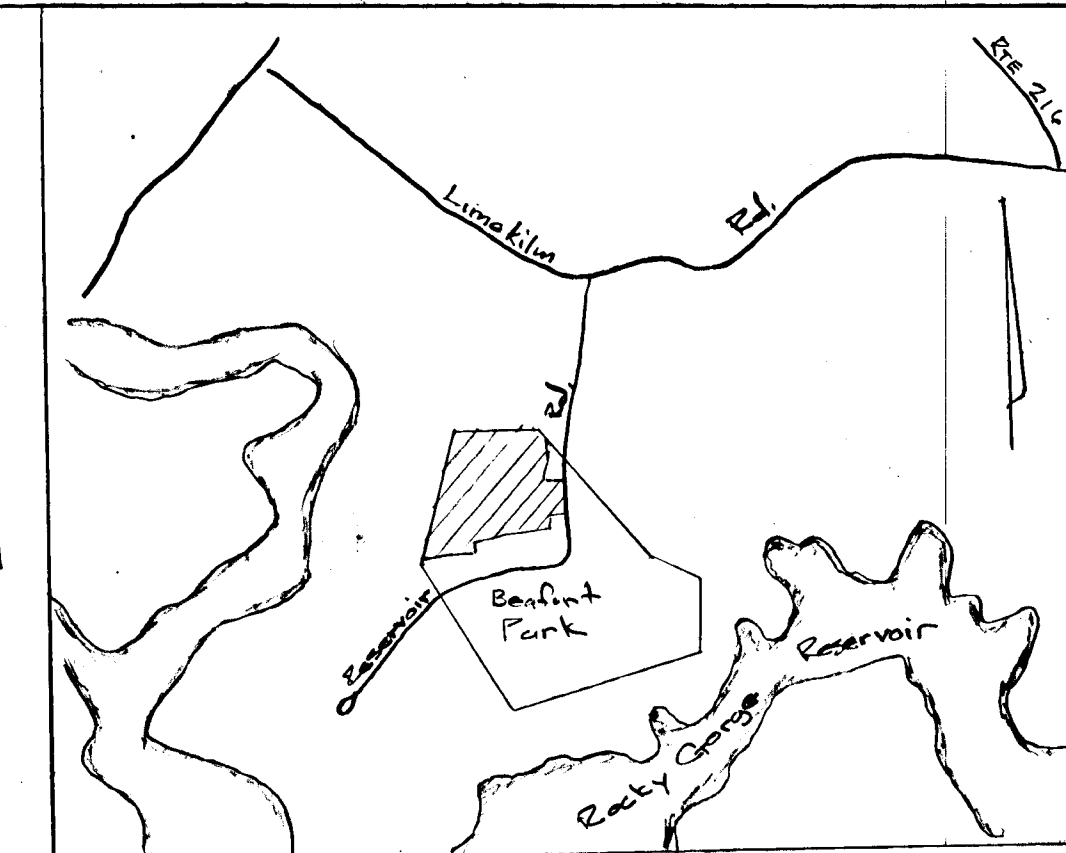


Total area to be paved = 1.9 Ac ±
Total area to be seeded = 8.5 Ac ±
Total disturbed area = 10.3 Ac ±

Reviewed for Howard S.C.D. and meets Technical Requirements of James M. Nalin Date 10-23-73 U.S. Soil Conservation Service

This development plan is approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District.
Approved: *Robert Ziehm* Date 10-23-73 Howard S.C.D.

* For street and site grading shown on Plan only



VICINITY SKETCH
SCALE 1"=200'

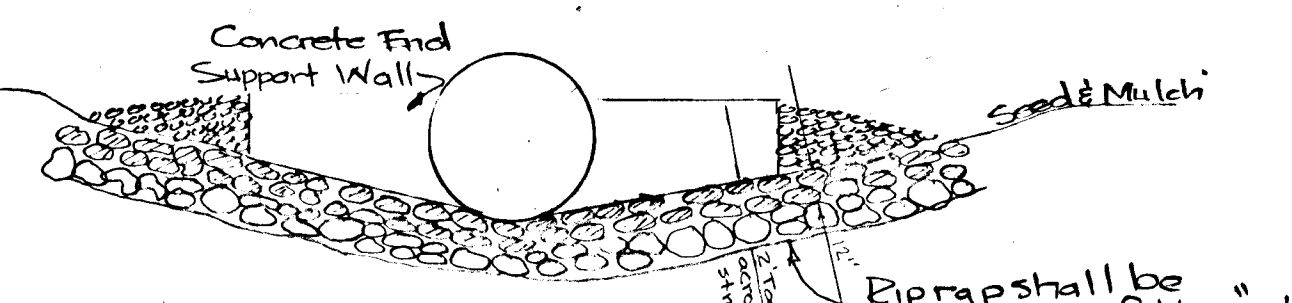
SEDIMENT TRAP TABLE

No.	Bottom Elevation	SIZE	Clearout Depth	Disturbed Area
1	201	20' x 20' x 2'	125' from top spillway	2 Ac
2	210	15' x 15' x 2'	125' "	3 Ac
3	304	05' x 20' x 2'	125' "	14 Ac
4	406	15' x 20' x 2'	125' "	3 Ac

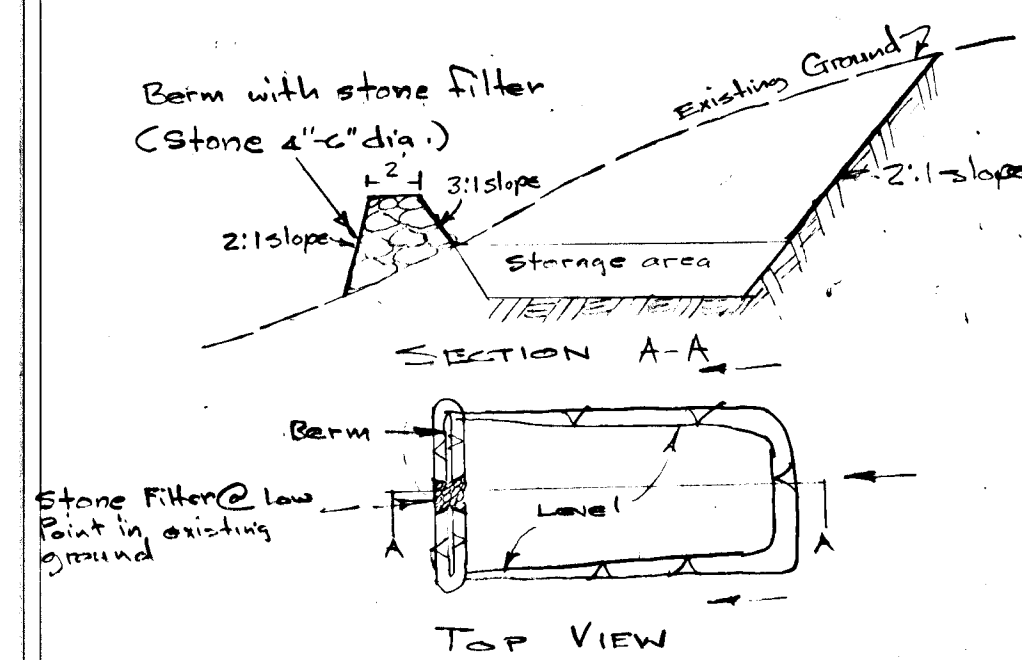
* Average size (may be varied) to miss objects such as large trees so long as capacity of trap is not reduced

SEQUENCE OF CONSTRUCTION

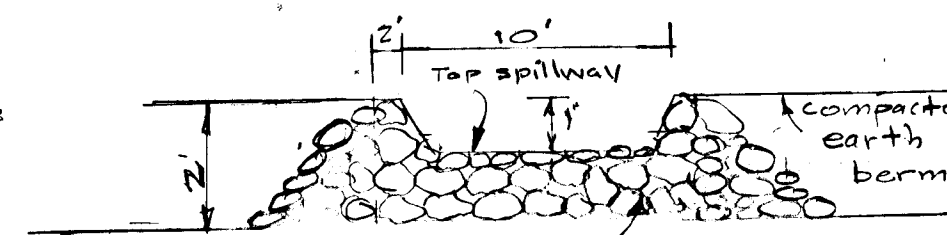
- 1) Construct all sediment traps.
- 2) Install storm drainage (leave protective fill over all pipes)
- 3) Rough grade Kondrup Drive and Hooper Court.
- 4) Start final grade on Kondrup Drive & Hooper Court, then start rough grade on Penelope Ct.
- 5) Seed & Mulch Kondrup Drive and Hooper Ct. and final grade Penelope Ct.
- 6) Seed & Mulch Penelope Ct. and apply base course of all roads
- 7) Apply paving & curb as soon as base course is in place of all roads (install sediment traps around inlets if any delay in paving).



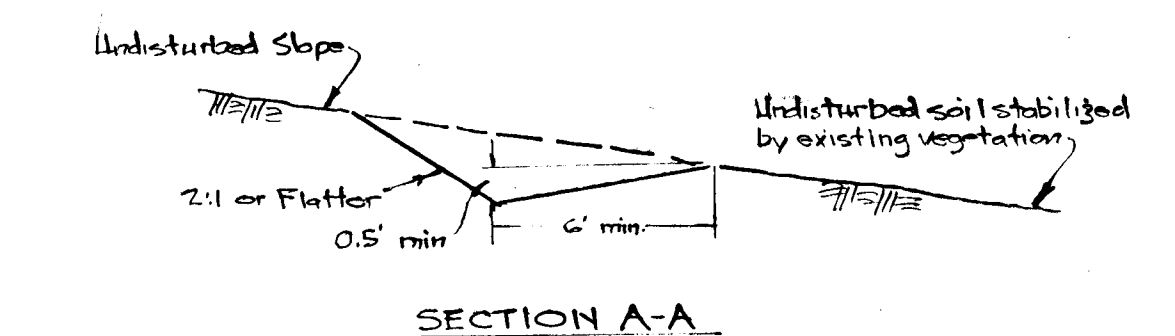
CROSS SECTION THRU RIP RAP @ S-1, S-2, S-3
No Scale



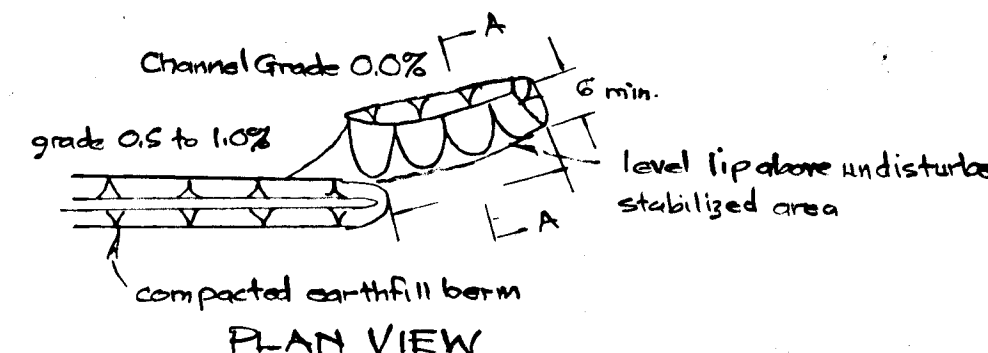
SEDIMENT TRAP
No Scale



SEDIMENT TRAP STONE FILTER
FRONT VIEW
No Scale



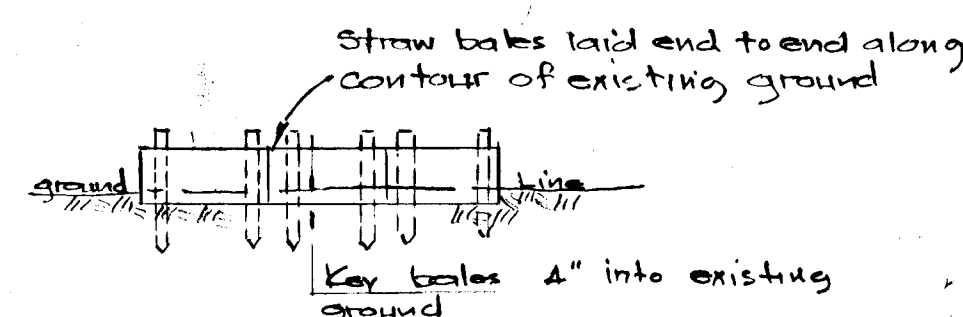
SECTION A-A



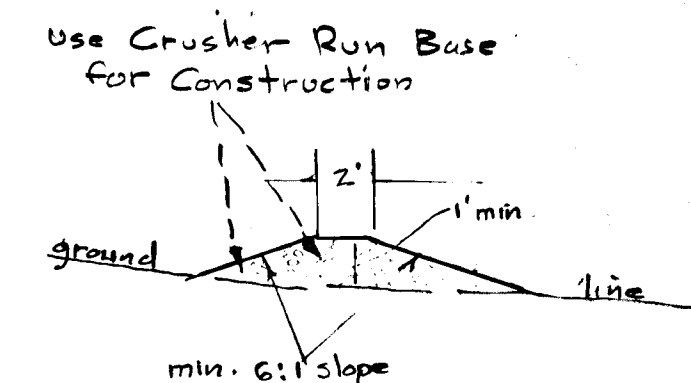
PLAN VIEW

LEVEL SPREADER

No Scale



DETAIL OF STRAW BALE PIKE
No Scale



TEMPORARY INTERCEPTING DIKE
ACROSS ROADWAY
No Scale

Sheet 2 of 2
- SOIL EROSION & SEDIMENT CONTROL PLAN
"BEAUFORT PARK"
SECTION 7, Area 2
5TH DISTRICT - HOWARD COUNTY, MARYLAND
SCALE - as shown JULY, 1973

HUGH W. WILKERSON & ASSOCIATES
ENGINEERS AND SURVEYORS
RT. 1 BOX 311 LOTHIAN, MD. 20820
427-3072 741-9413

F-74-01

as revised 8-28-73