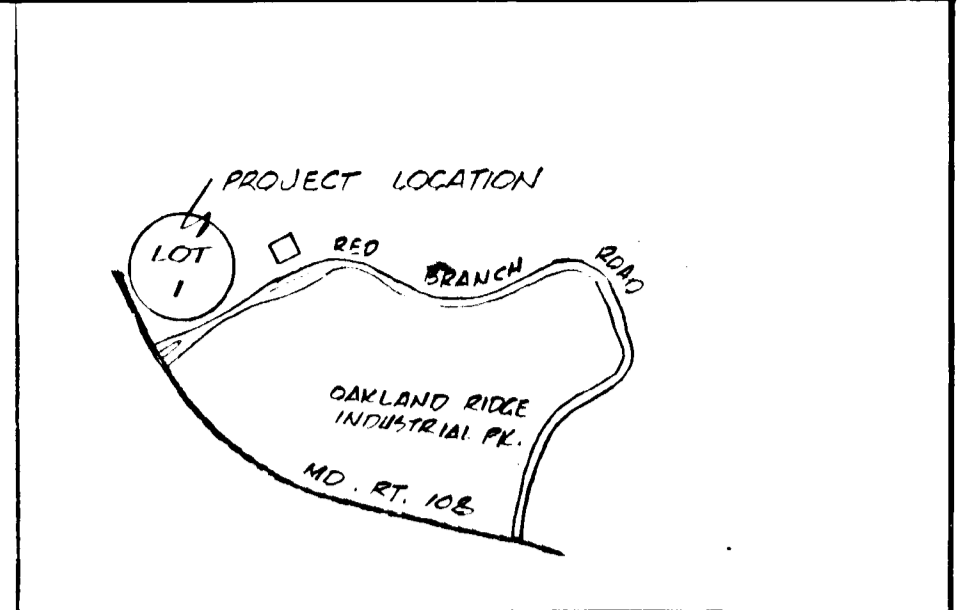


STORM DRAIN STRUCTURE SCHEDULE

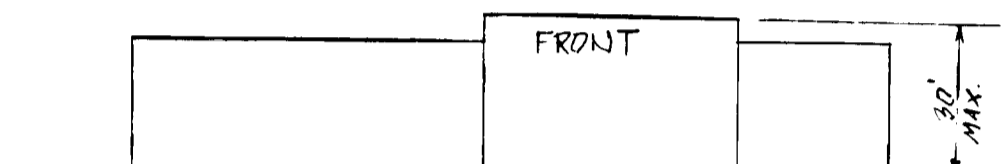
		INV. IN	INV. OUT	T.C.P.
-1	Std. type B ent-wall	-----	405.53	-----
1	Std. manhole 4R	408.73 I-1 410.00 I-5	408.53	415.80
-2	Std. manhole 4R	414.10	413.90	420.60
-1	Std. Dbl. S grate	411.43	411.18	417.00
-2	Std. single S grate	413.52 MH-2 413.77 I-3	412.80	418.50
-3	Std. K inlet with grate	-----	416.22	418.50
-4	Std. K inlet with grate	-----	414.32	418.50
-5	Std. single S grate	-----	412.86	417.00



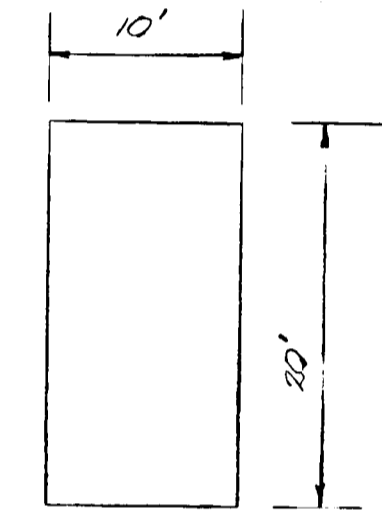
VICINITY MAP
SCALE: 1"=1000'

GENERAL NOTES

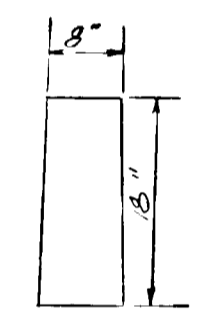
1. PRESENT ZONING - NT (EMPLOYMT CENTER-IND)
2. PROPOSED USE - DISTRIBUTION CENTER
3. COVERAGE - MAX. BUILDING COVERAGE - 18%
4. HEIGHT RESTRICTION - 50' MAX.
5. PARKING REQUIRED - 75
6. PARKING PROVIDED - 75 SPACES (10'x20')
7. TOTAL NO. EMPLOYEES - 50
8. TOTAL AREA OF SITE - 6.768 Ac.
9. FINAL DEVELOPMENT PLAN PHASE 3 - OAKLAND RIDGE INDUSTRIAL PARK SECTION 1 - PLATBOOK 11 FOLIO 89-G1
10. FINAL SUBDIVISION PLAN - OAKLAND RIDGE INDUSTRIAL PARK - PLATBOOK 12 FOLIO 66
11. PUBLIC WATER & SEWER TO BE UTILIZED
12. ALL ON SITE PAVING TO BE ACCORDING TO COUNTY STANDARDS
13. ENTRANCE TO RED BRANCH ROAD TO BE ACCORDING TO COUNTY STANDARDS
14. ON SITE CURBING TO BE 18" BARRIER TYPE CURB



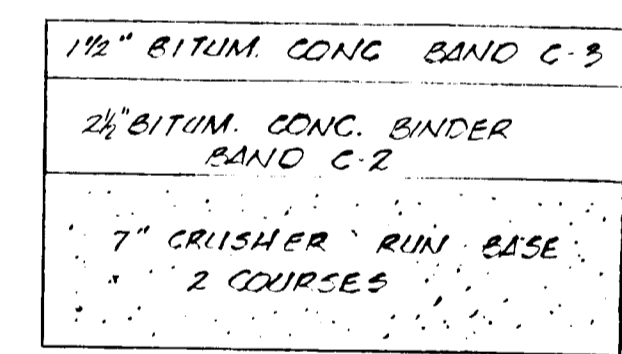
BUILDING PROFILE
NO SCALE



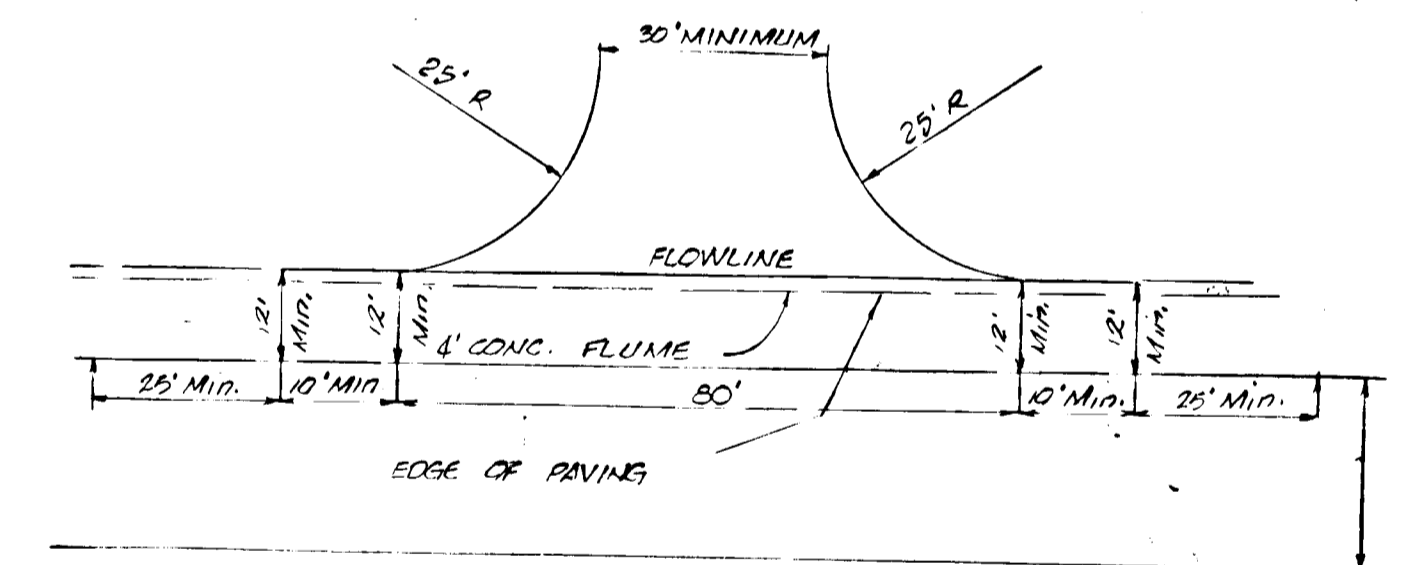
TYPICAL PARKING SPACE
NO SCALE



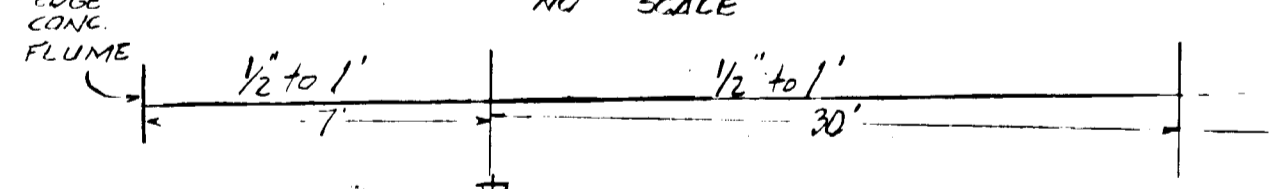
TYPICAL BARRIER CURB
NO SCALE



PAVING SPECIFICATIONS
NO SCALE



ENTRANCE DETAIL
NO SCALE



ENTRANCE PROFILE
NO SCALE

INDEX

1. SITE DEVELOPMENT PLAN
2. DRAINAGE AREA MAP
3. DRAINAGE PROFILES
4. SEDIMENT CONTROL PLAN
5. LANDSCAPE PLAN

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
Shepherd Jan 31 1972

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING
Thomas A. Smith 1-3-72

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
William A. Otto 1/3/72

APPROVED
P. M. Williams 12/20/71

APPROVED
DATE 12-15-71
Thomas A. Smith



Robert Malwood

OWNER & DEVELOPER
VOLVO, INCORPORATED
2233 WISCONSIN AVE N.W.
WASHINGTON, D.C. 20007
TELE: (202) 337-3131

BUILDER
NORTHERN CHESEPEAKE BUILDERS

SITE DEVELOPMENT PLAN
OAKLAND RIDGE INDUSTRIAL PARK
SECTION 1 LOT 1
2ND. ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

VOLVO, INC.

SCALE-1"=50'

DRAWN BY- JWR
CHECKED BY- JAB
DATE - NOV. 1, 1971

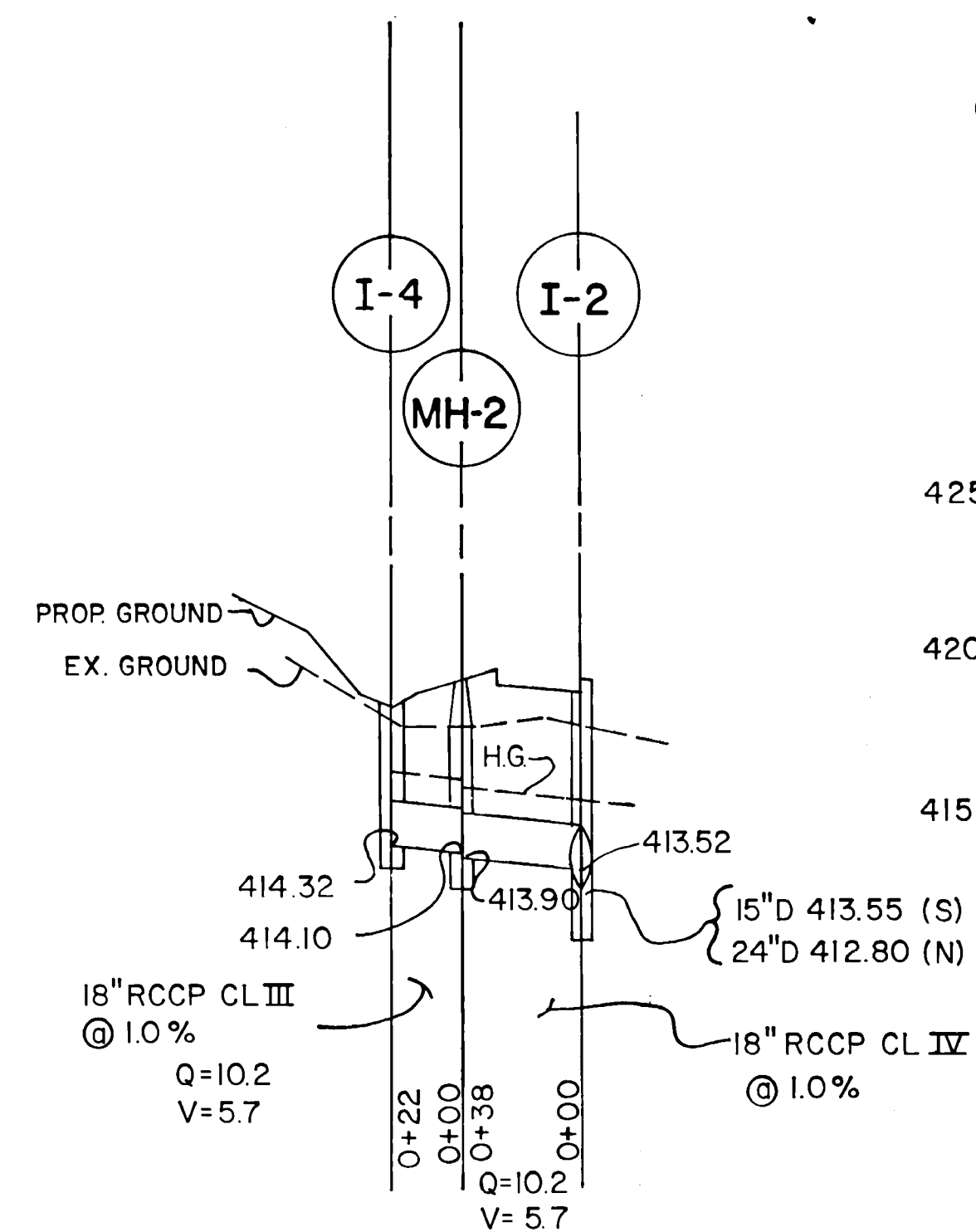
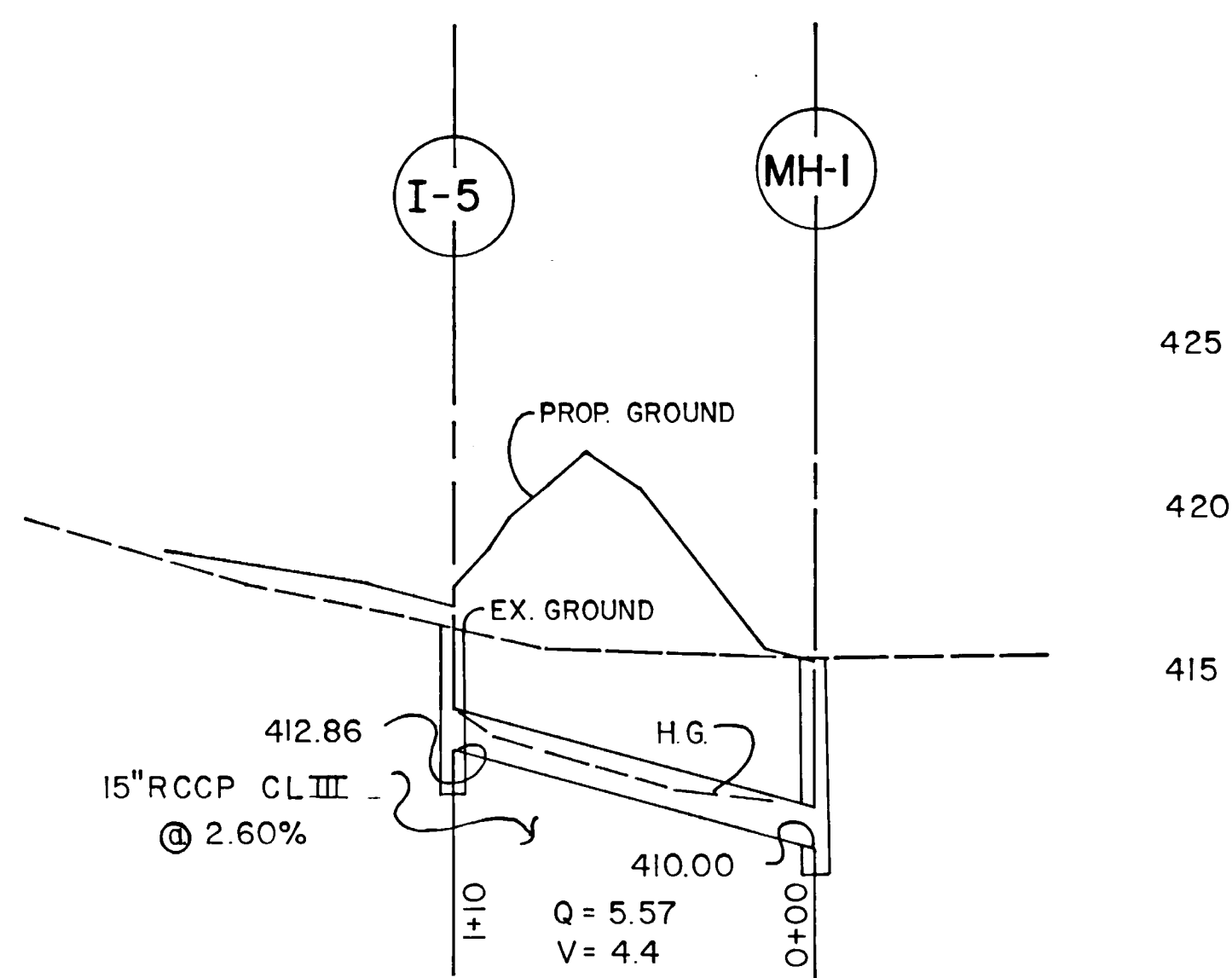
ENGINEERING
PLANNING
SURVEYING
BY
BOENDER
ASSOCIATES
BALTIMORE, MD.
COLUMBIA, MD.
301-796-4462

1 OF 5

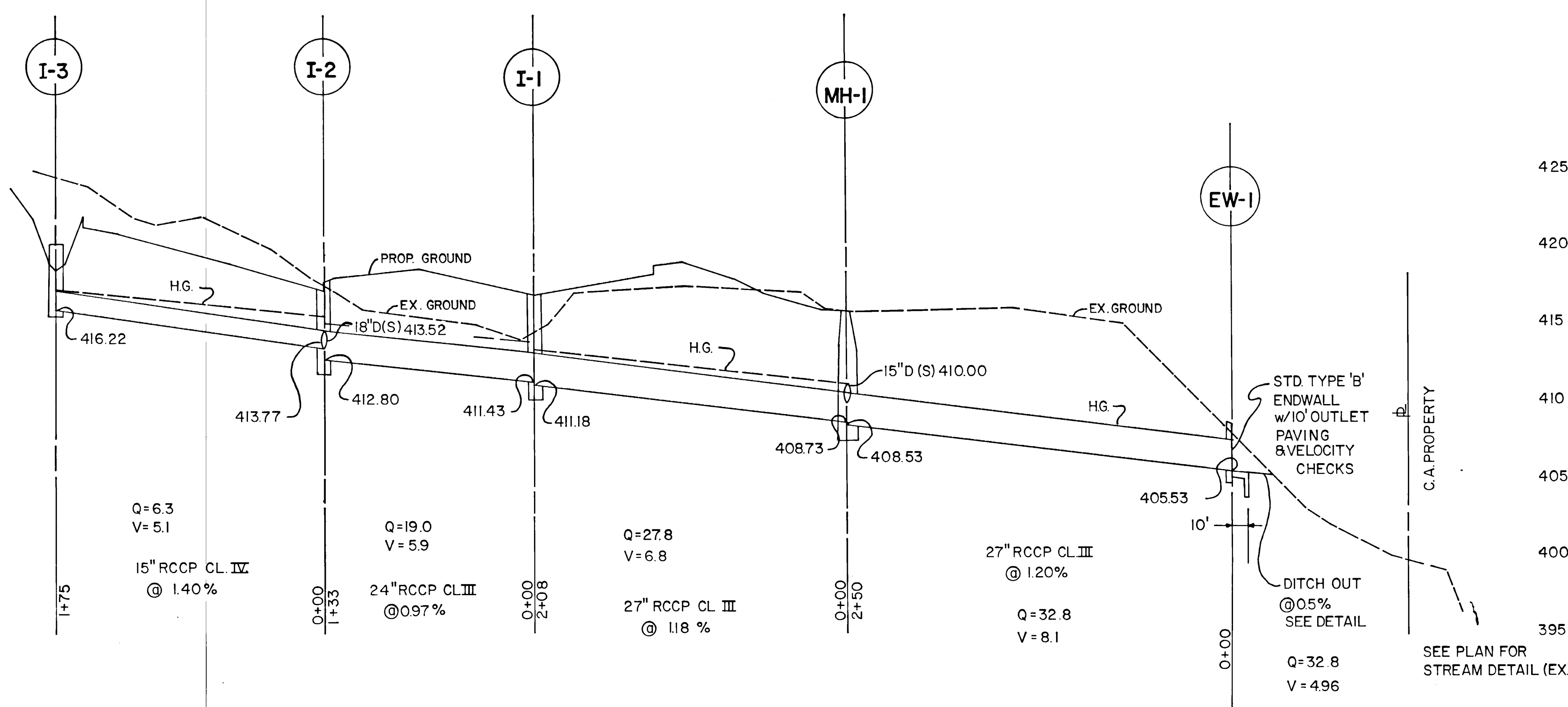
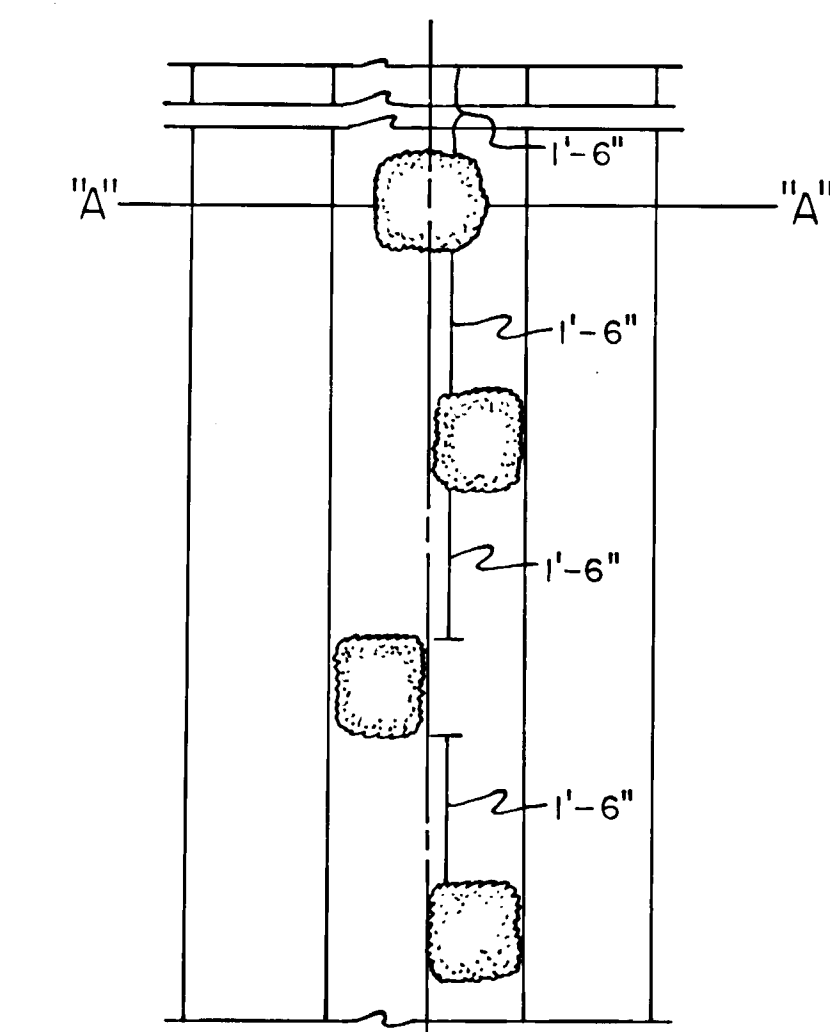
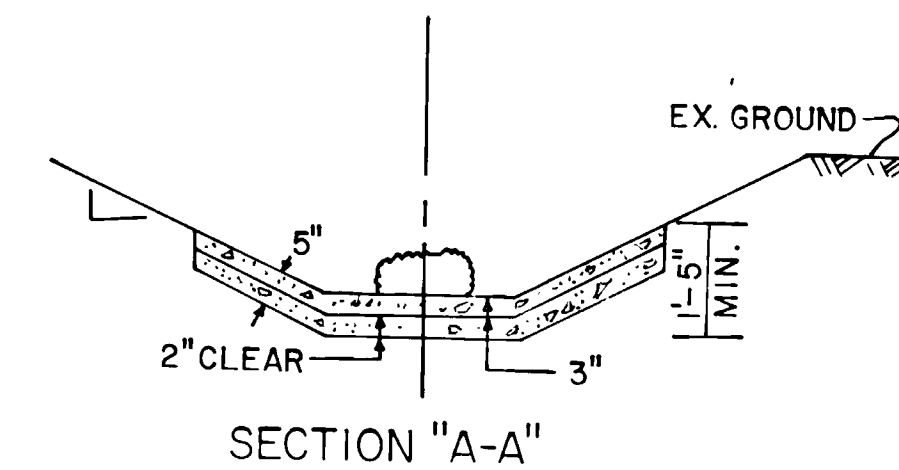
INLET SCHEDULE			
NO.	TYPE	INV. OUT	TOP EL.
1	DBL-S-GRATE	411.18	417.00
2	'S' GRATE	412.80	418.50
* 3	K'INLET GRATE	416.	418.50
* 4	K'INLET GRATE	414.32	418.50
5	'S' GRATE	412.86	417.00
EW-1	STD TYPE 'B' ENDWALL	405.53	—

* LEAVE ALL SIDES OPEN

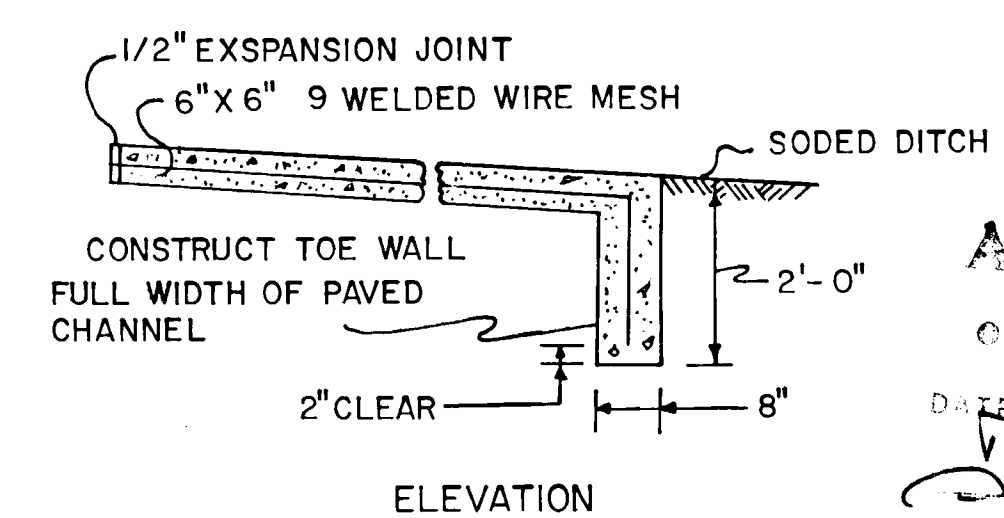
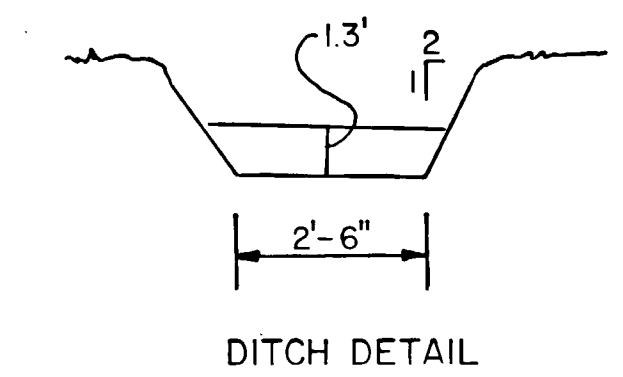
MANHOLE SCHEDULE			
NO.	TYPE	INV. OUT	TOP EL.
1	STD-48"	408.53	415.80
2	STD-48"	413.90	420.60



6" x 6" - #9 WELDED WIRE MESH

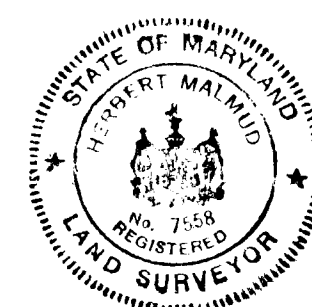


OUTFALL DITCH HYDRAULICS
 DESIGN Q = 32.8
 n = 0.025
 w = 2.5'
 DEPTH = 1.3'
 SLOPE = 0.5 %
 VELOCITY = 4.96
 CAPACITY Q = 32.88



APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 DATE 12-15-71
Thomas J. Harris, Jr.

- NOTES
1. STONES SHALL BE TWO MAN STONE, NORMAL SIZE SHALL BE 12" X 12" X 8"
 2. FIRST STONE SHALL BE PLACED 1'-6" MIN. FROM END OF HEADWALL @ 1/4 OF APRON.
 3. NO STONES ARE TO BE LOCATED WITHIN THREE FEET FROM END OF TOE WALL.



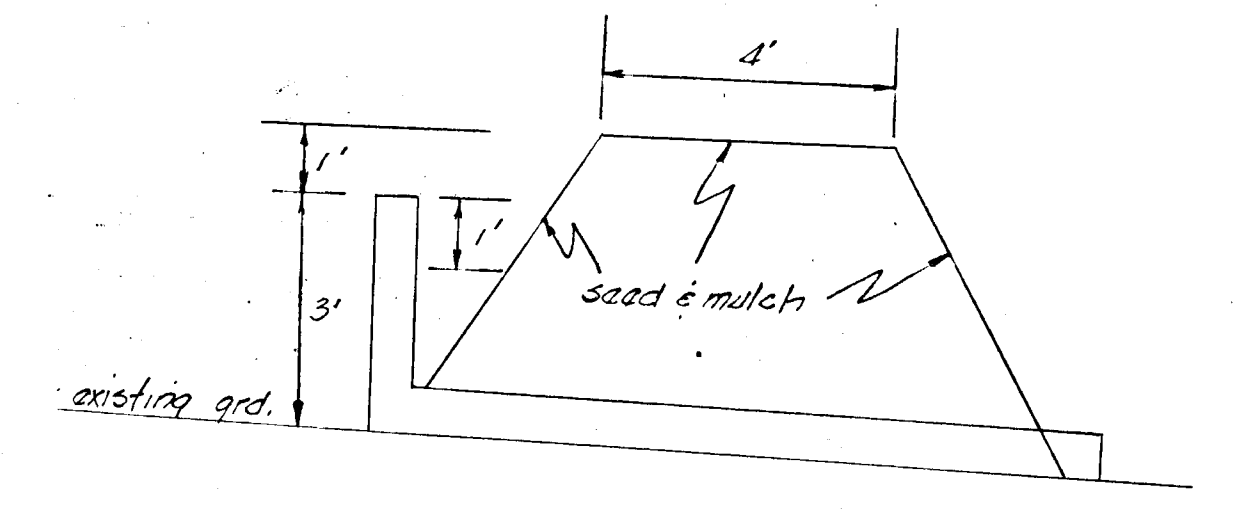
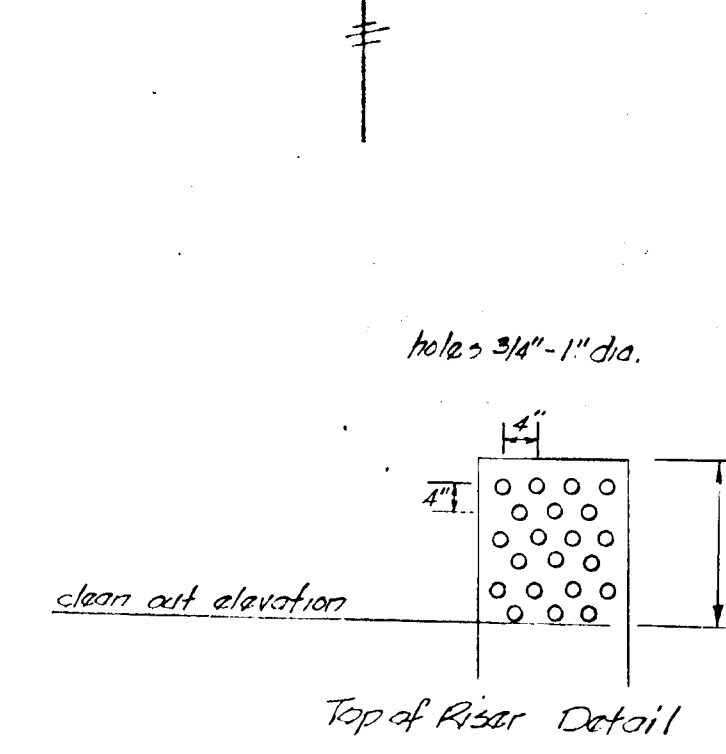
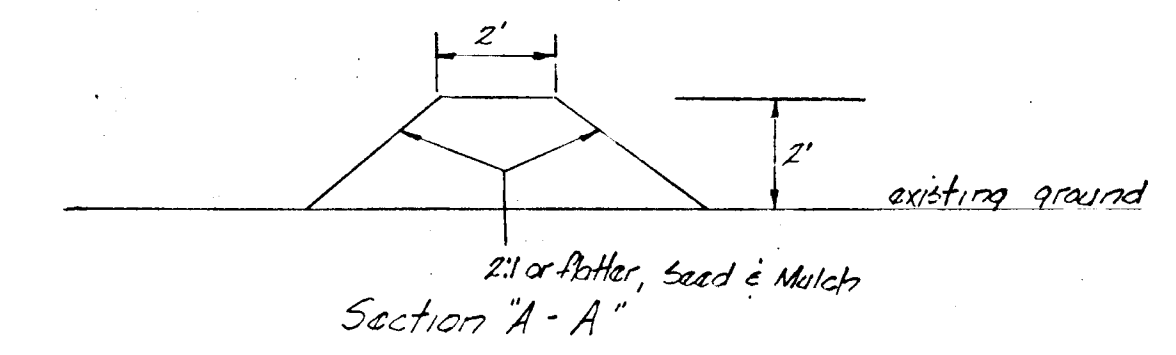
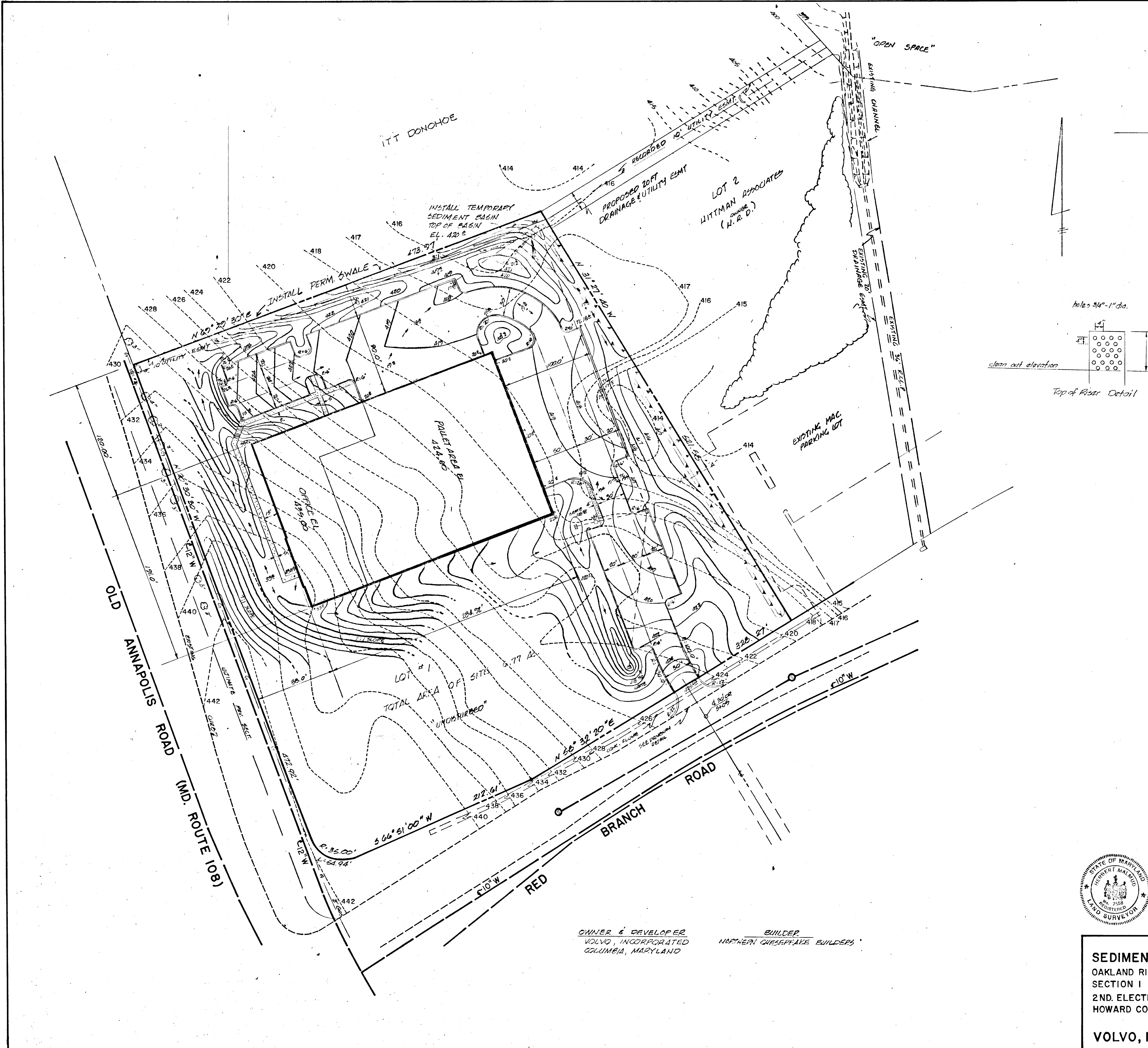
Robert M. Leonard

DRAINAGE PROFILES
 OAKLAND RIDGE INDUSTRIAL PARK
 SECTION I LOT I
 2ND. ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
VOLVO, INC.

DRAWN BY - JWR
 CHECKED BY - JAB
 DATE - NOV. 6, 1971

ENGINEERING
 PLANNING
 SURVEYING
 BY
 BOENDER
 ASSOCIATES
 BALTIMORE, MD.
 COLUMBIA, MD.
 301-796-4462

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



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

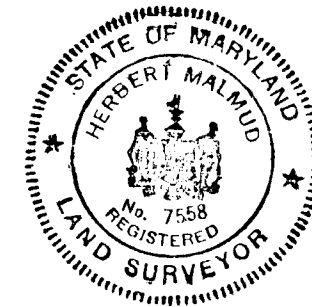
REVIEWED J. HELM, DISTRICT CONSERVATIONIST DATE

APPROVED P.B. CAMPBELL, U.S.C.D. DATE

CERTIFICATION BY THE DEVELOPER: I CERTIFY THAT ALL THE DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT & ALL SOIL EROSION & SEDIMENT CONTROL MEASURES WILL BE ACCORDANCE WITH NOTE #10 & 11

John R. Nivins 23 Nov. 71
DATE

- CONSTRUCTION NOTES:
- AS SOON AS GRADING IS COMPLETED, PAVED AREA WILL BE STABILIZED WITH ERASE MATERIAL.
 - ALL CUT & FILL SLOPES WILL BE MIN. 3:1
 - THE AREA OF THE SEDIMENT CONTROL MEASURES WILL BE THE LAST AREA TO BE GRADED & STABILIZED
 - ELEVATIONS MARKED WITH (X) ARE FINISHED GRADE.
 - IN THE EVENT OF AN EXCESS OF MATERIAL THE WASTE AREA WILL BE CLEARED, AND STRIPPED MATERIAL WILL BE DEPOSITED SO AS TO ALLOW MINIMUM EROSION. REPLACE TOP MATERIAL AND STABILIZE IN ACCORDANCE WITH NOTE #10 & 11
 - THE U.S.C.D. WILL BE GIVEN 24 HOURS NOTICE PRIOR TO ANY GRADINGS.
 - STANDARD INTERCEPTOR DIKE TO BE INSTALLED ADJACENT TO NORTH & EAST R. PRIOR TO CONSTRUCTION PERIOD. (SEC 2.101)
 - ALL INLETS TO BE CAPPED TO PREVENT FUNCTIONING.
 - SEDIMENT CONTROL MEASURES WILL NOT BE REMOVED UNTIL APPROVAL IS OBTAINED FROM THE HOWARD SOIL CONSERVATION DISTRICT.
 - TEMPORARY SEEDING & MULCHING OF THE BERM & BASIN IS AS FOLLOWS:
SEED
BARLEY 2.76 lbs./1000 sq. ft.
WHEAT 3.45 lbs./1000 sq. ft.
RYE 3.22 lbs./1000 sq. ft.
MULCH 70 lbs./1000 sq. ft. SMALL GRAIN STRAW
 - PERMANENT STABILIZATION (ALL AREAS NOT PAVED)
APPLY: 2000 lbs./ACRE OF PULVERIZED DOLOMITIC LIMESTONE
100 lbs./ACRE OF 0-20-0 SUPER PHOSPHATE
1000 lbs./ACRE OF 10-10-10 FERTILIZER
SEED: 25 lbs./ACRE OF KENTUCKY 31 TALL FESCUE
40 lbs./ACRE OF KENTUCKY BLUE GRASS
25 lbs./ACRE OF ANNUAL RYE GRASS
* SEEDING TO BE ACCOMPLISHED BETWEEN MARCH 1ST - MAY 1ST OR AUGUST 1ST - OCTOBER 1ST ONLY
MULCH: 2 TONS/ACRE OF UNWEATHERED WHEAT STRAW, THE MULCH DOWN WITH 200 sq. YARD OF LIQUID ASPHALT.

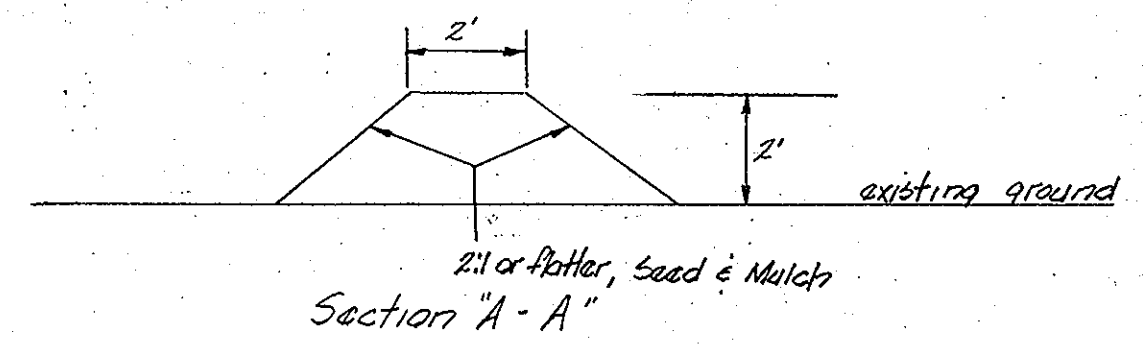
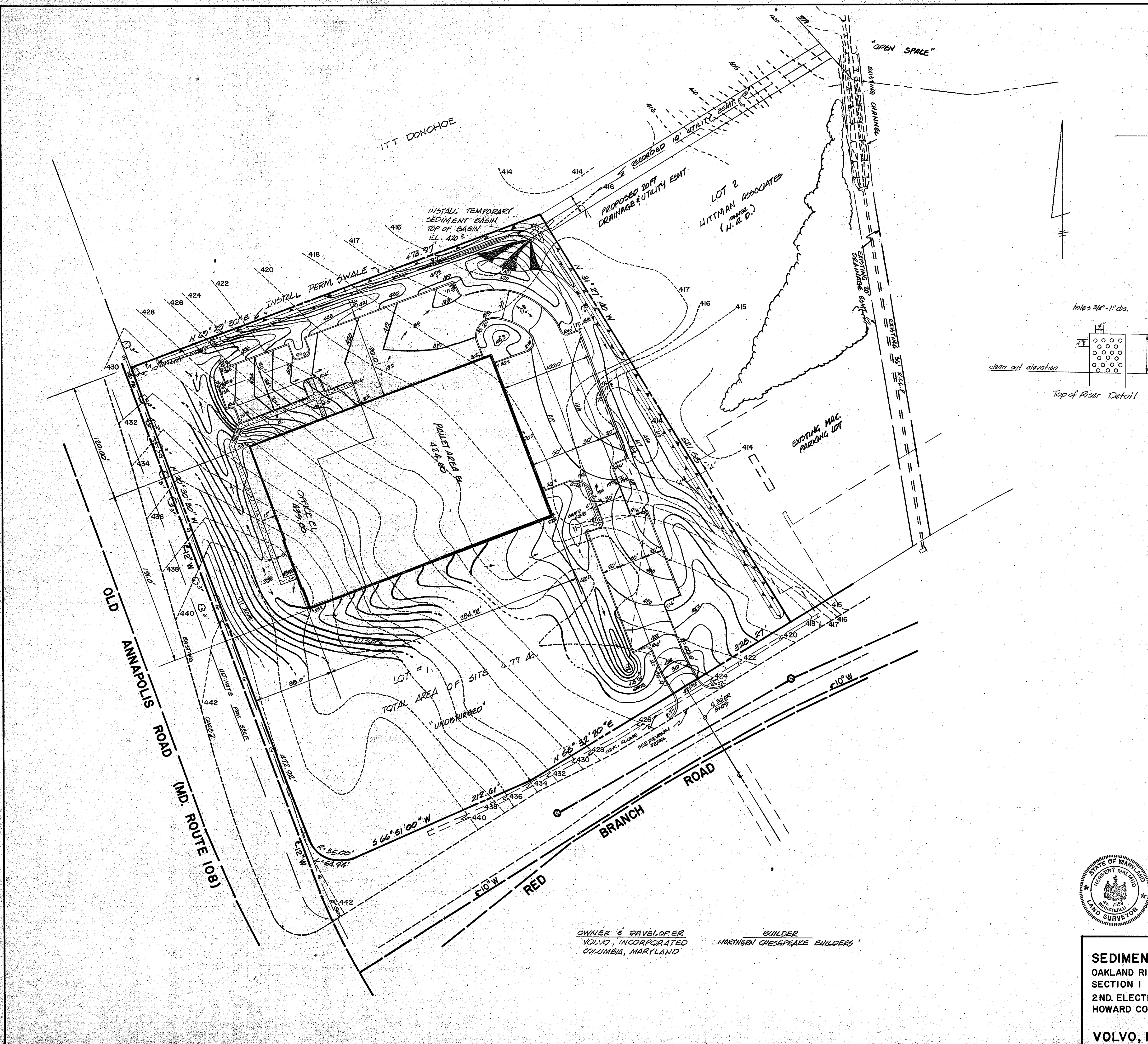


Robert Malmed

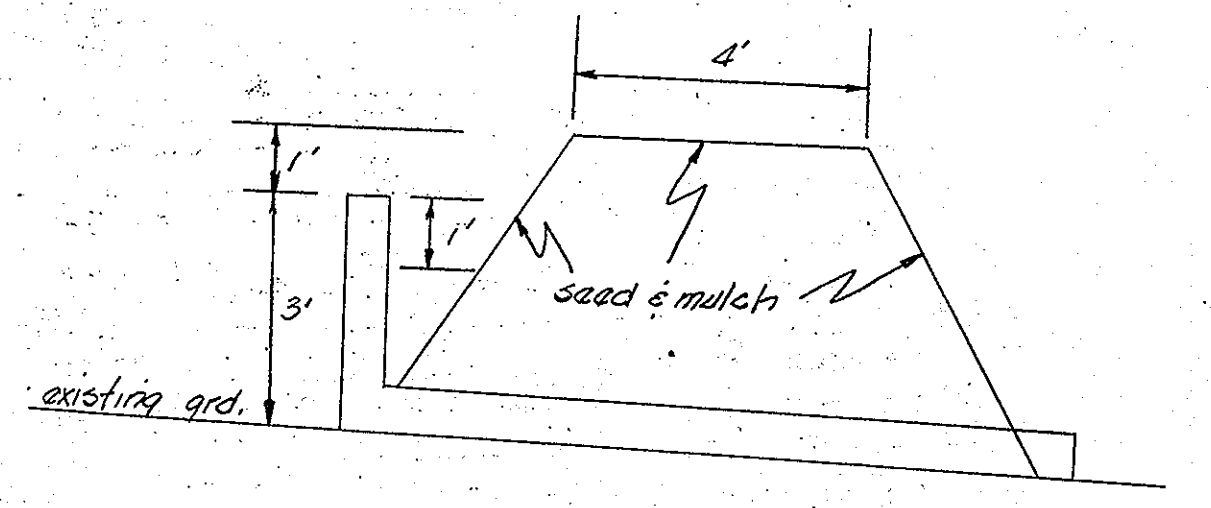
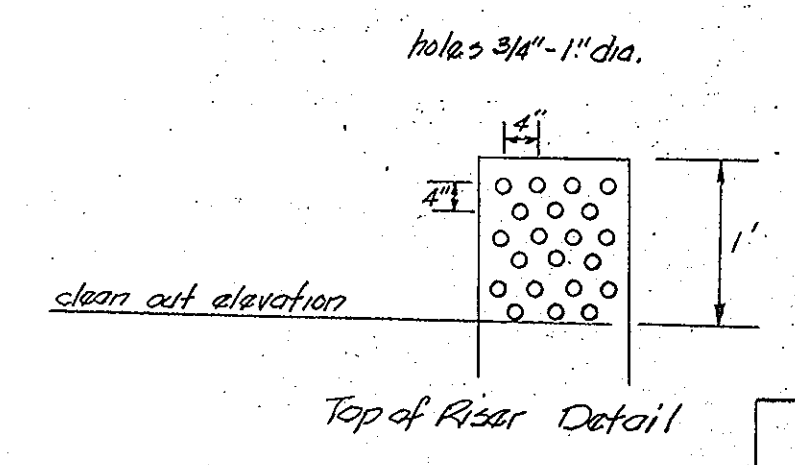
APPROVED
PLANNING BOARD
OF HOWARD COUNTY

DATE 12-15-71
Sharon A. Harnish

SEDIMENT CONTROL PLAN OAKLAND RIDGE INDUSTRIAL PARK SECTION I LOT 1 2ND. ELECTION DISTRICT HOWARD COUNTY, MARYLAND		ENGINEERING PLANNING SURVEYING BY BOENDER ASSOCIATES BALTIMORE, MD. COLUMBIA, MD. 301-796-4462
DRAWN BY - JWR CHECKED BY - JAB DATE - NOV. 1, 1971	VOLVO, INC.	SCALE - 1" = 50' 4 OF 5



Section A-A



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

REVIEWED J. HELM, DISTRICT CONSERVATIONIST DATE

APPROVED R.B. CAMPBELL, U.S.C.D. DATE

CERTIFICATION BY THE DEVELOPER: I CERTIFY THAT ALL THE DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT & PLAN OF EROSION & SEDIMENT CONTROL.

John H. ... 23 Nov. 71
DATE

CONSTRUCTION NOTES:

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- THE U.S.C.D. WILL BE GIVEN 24 HOURS NOTICE PRIOR TO ANY GRADING.
- STANDARD INTERCEPTOR CHUTE TO BE INSTALLED ADJACENT TO NORTH & EAST 1/2 PRIOR TO CONSTRUCTION PERIOD. (SEC 2.101)
- ALL INLETS TO BE CAPPED TO PREVENT FUNCTIONING.
- SEDIMENT CONTROL MEASURES WILL NOT BE REMOVED UNTIL APPROVAL IS OBTAINED FROM THE HOWARD SOIL CONSERVATION DISTRICT.
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WHEAT 3.45 lbs./1000 sq. ft.
RYE 3.76 lbs./1000 sq. ft.
MULCH 10 lbs./1000 sq. ft. SMALL GRAMSTRAW
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700 lbs./acre OF 0-20-0 SUPERPHOSPHATE
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* SEEDING TO BE ACCOMPLISHED BETWEEN MARCH 1ST - MAY 1ST OR AUGUST 1ST - OCTOBER 1ST ONLY
MULCH: 2 TONS/acre OF UNWEATHERED WHEATSTRAW, TIE MULCH DOWN WITH 400 sq. ft. ACRE OF LIQUID ASPHALT.



Herbert Marsh

APPROVED
PLANNING BOARD
OF HOWARD COUNTY

DATE 12-15-71
John H. ...

OWNER & DEVELOPER
VOLVO, INCORPORATED
COLUMBIA, MARYLAND

BUILDER
NORTHERN CHESEPEAKE BUILDERS

SEDIMENT CONTROL PLAN
OAKLAND RIDGE INDUSTRIAL PARK
SECTION I LOT 1
2ND. ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

VOLVO, INC.

SCALE-1"=50'

DRAWN BY- JWR
CHECKED BY- JAB
DATE- NOV. 1, 1971

ENGINEERING
PLANNING
SURVEYING
BY
BOENDER
ASSOCIATES
BALTIMORE, MD.
COLUMBIA, MD.
301-796-4462

4 OF 5