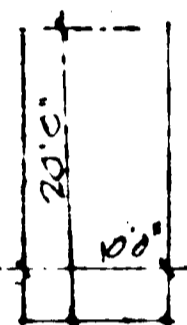
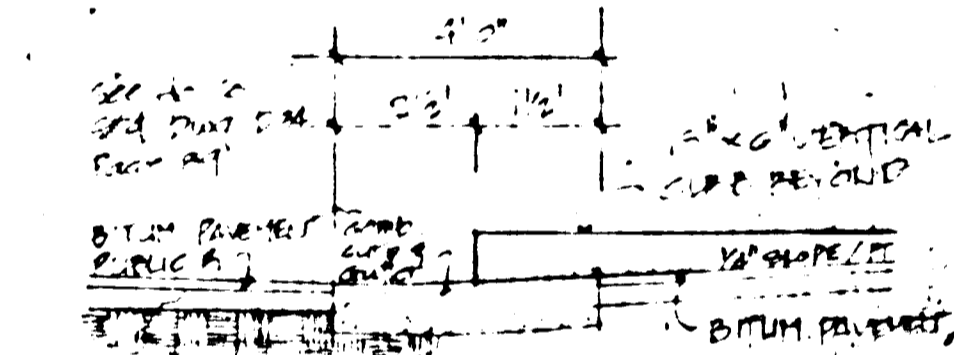


VICINITY MAP



TYPICAL PARKING SPACE



FRONT VIEW DETAIL

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

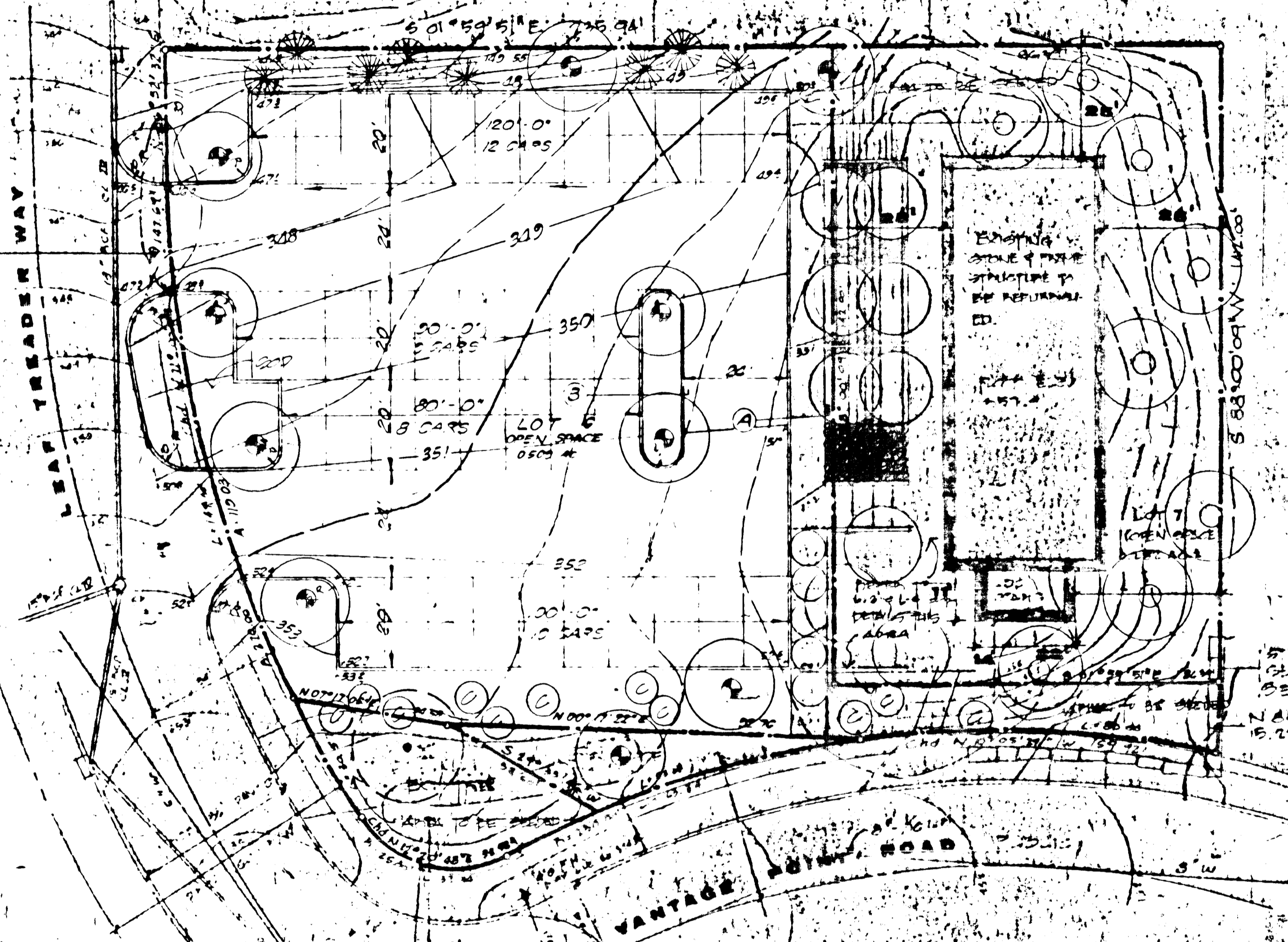
APPROVED: [Signature] 8/14/73
COUNTY HEALTH OFFICER DATE

APPROVED: [Signature] 8/16/73
PLANNING DIRECTOR DATE
DIVISION OF LAND DEVELOPMENT & TRANSPORTATION PLANNING

APPROVED: [Signature] 8/16/73
PUBLIC WORKS AND STORM DRAINAGE SYSTEMS AND ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

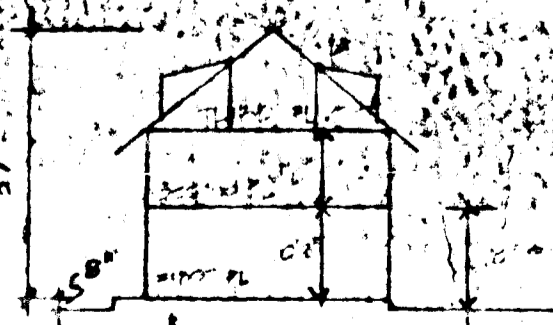
REVISIONS BY HOWARD G.D.
2 SHEETS TO BE PRINTED PER ELEMENT
Check 2 Mulls 6/11/73
NO SITE CONSERVATION DISTRICT
SEE L2 FOR TABULAR INFORMATION

NOTE: BARN & OTHER EXISTING STRUCTURES TO BE RECONSTRUCTED TO MEET ALL REQUIREMENTS OF THIS PLAN.



LAYOUT & GRADING PLAN

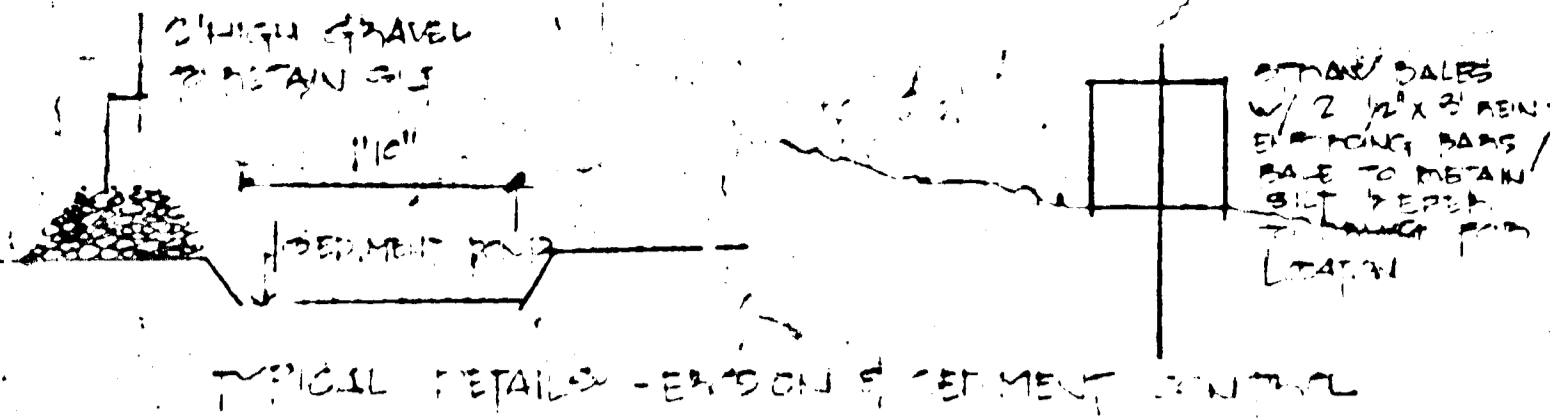
APPROVED: THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION & SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
[Signature] 8/14/73
HOWARD G.D. DATE



TYPICAL ROOF ELEVATION

PROPOSED FINAL PLAN
RECORDED IN PLAT BOOK 28 FOLIOS 68 TO 66

PARKING REQUIRED: 28 CARS
PARKING PROVIDED: 30 CARS



TYPICAL DETAIL - EROSION & SEDIMENT CONTROL

Seeding Notes

- All disturbed areas steeper than or equal to 3:1 shall be temporarily stabilized with protective mulch immediately upon completion of rough grading in accordance with the following procedure:
 - Use 1-1/2 to 2 tons of clean, unweathered small grain straw per acre (wheat preferred).
 - Anchor mulch with asphalt, peg and twine, plastic nets or by a mulch anchoring tool.
- All areas disturbed by onsite grading that will not be constructed upon within 6 months are to be stabilized with a temporary seeding and mulching in accordance with the following procedure:
 - Lime is to be applied at the rate of 46 lbs. per 1,000 sq. ft.
 - Fertilizer shall be 10-10-10 and applied at the rate of from 11.5 to 18.4 lbs. per 1,000 sq. ft.
 - Seed shall be spring oats applied at the rate of 2-1/2 bu./ac.
 - Mulch materials should be unweathered, unchopped, small grain straw (preferably wheat) at the rate of 1-1/2 to 2 tons per acre.
- All areas disturbed by onsite grading that will not be constructed upon within 12 months are to be stabilized with a semi-permanent type seeding and mulching in accordance with the following procedure:
 - Lime is to be applied at the rate of 46 lbs. per 1,000 sq. ft.
 - Superphosphate shall be 0-20-0 and applied at the rate of from 11.5 to 23 lbs. per 1,000 sq. ft.
 - Fertilizer shall be 10-10-10 and applied at the rate of 23 lbs per 1,000 sq. ft.
 - Seed shall be Kentucky 31 Tall Fescue applied at the rate of 60 lbs./acre.
 - Immediately after seeding, uniformly mulch these areas with unweathered small grain straw (preferably wheat) at the rate of 1-1/2 to 2 tons per acre.
- All areas disturbed by onsite grading on which permanent or semi-permanent seeding (after October 15) or temporary seeding (after November 15) cannot be made, will be treated by mulching in accordance with the following procedure:
 - Mulch materials should be unweathered, unchopped, small grain straw. Spread at the rate of 1-1/2 to 2 tons per acre.
 - Anchor mulch with asphalt, peg and twine, plastic nettings, or by a mulch anchoring tool.
- All disturbed areas to be stabilized by sodding will be treated in accordance with the following procedure:
 - Fertilizer materials which supply 2-1/2 lbs. actual n per 1,000 sq. ft., 2-1/2 lbs actual P205 per 1,000 sq. ft., and 2-1/2 lbs. actual K20 per 1,000 sq. ft. can be applied.
 - Lime shall be applied at the rate of 50 lbs. per 1,000 sq. ft. and distributed uniformly over the entire areas to be sodded.
 - Sod shall be applied in conformance with the "Standards and Specifications for critical area stabilization with Sod" (Page 3,400) of the "Standards and Specifications for Soil Erosion and Sediment Control in Urbanizing areas."

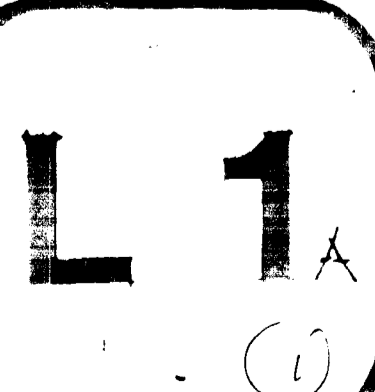
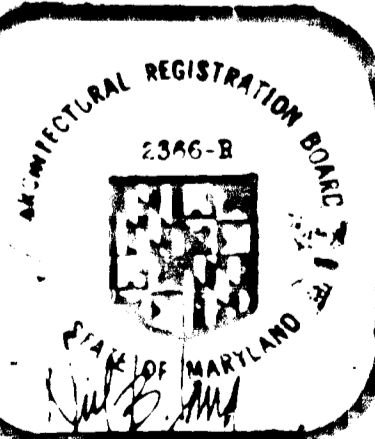
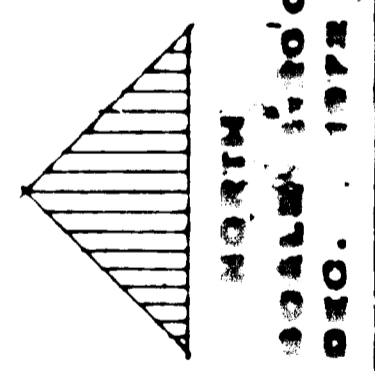
NOTE:

Parking Lot Revision Made By
"JOHNSON-McCORDIC-THOMPSON" 1-24-73

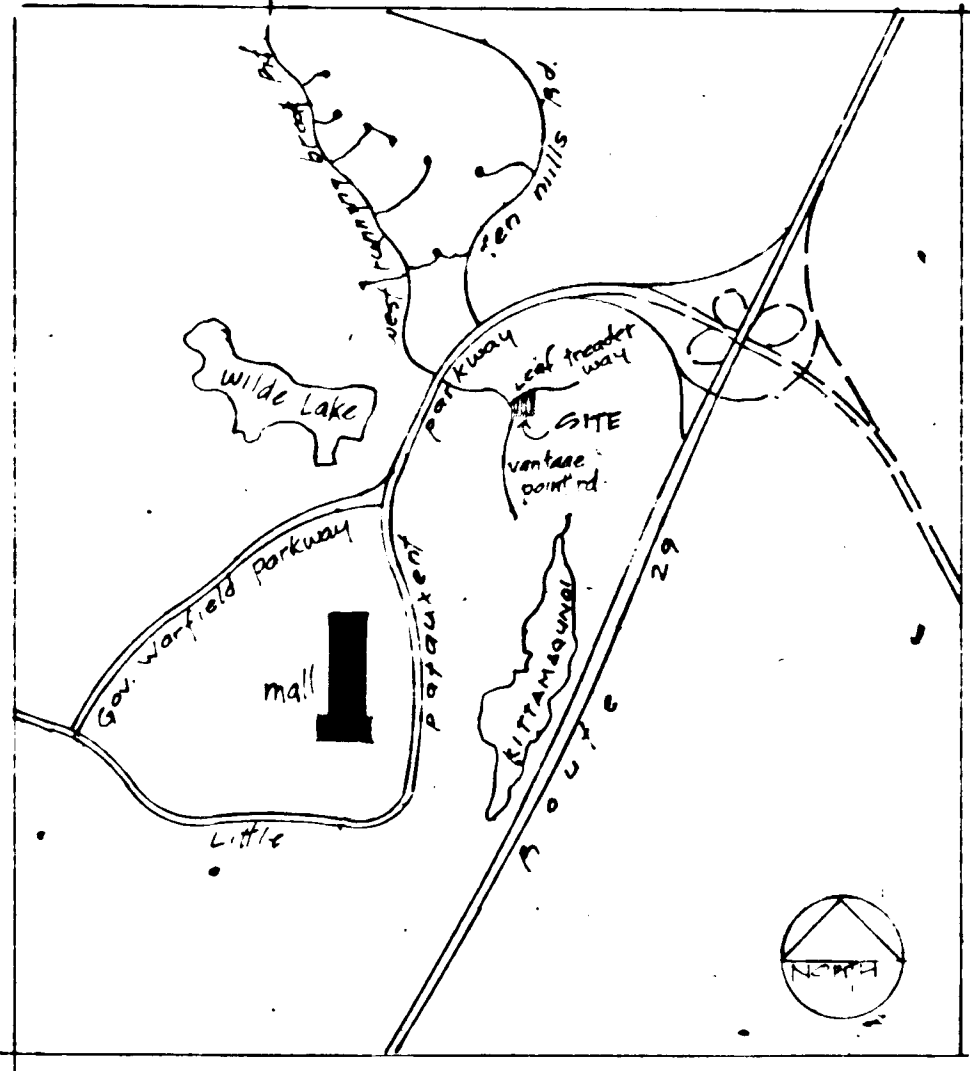
SYM.	QTY	PLANT NAME	SEE
⊙	11	MALVA ROSEA	
⊙	2	PURSH PURSH	
⊙	10	PLATANUS AFRICA	
⊙	2	QUERCUS BICOLOR	

NOTE: SOIL PLAN SUBMITTED TO MEET ALL STANDARDS. ALL PLANT MATERIAL & SEED/SOD TO BE PURCHASED ACCORDING TO COLUMBIA CO. STD. I AM CERTIFYING THAT ALL DEVELOPMENT & CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT & PLAN FOR EROSION & SEDIMENT CONTROL. 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 HOWARD SOIL CONSERVATION DISTRICT.

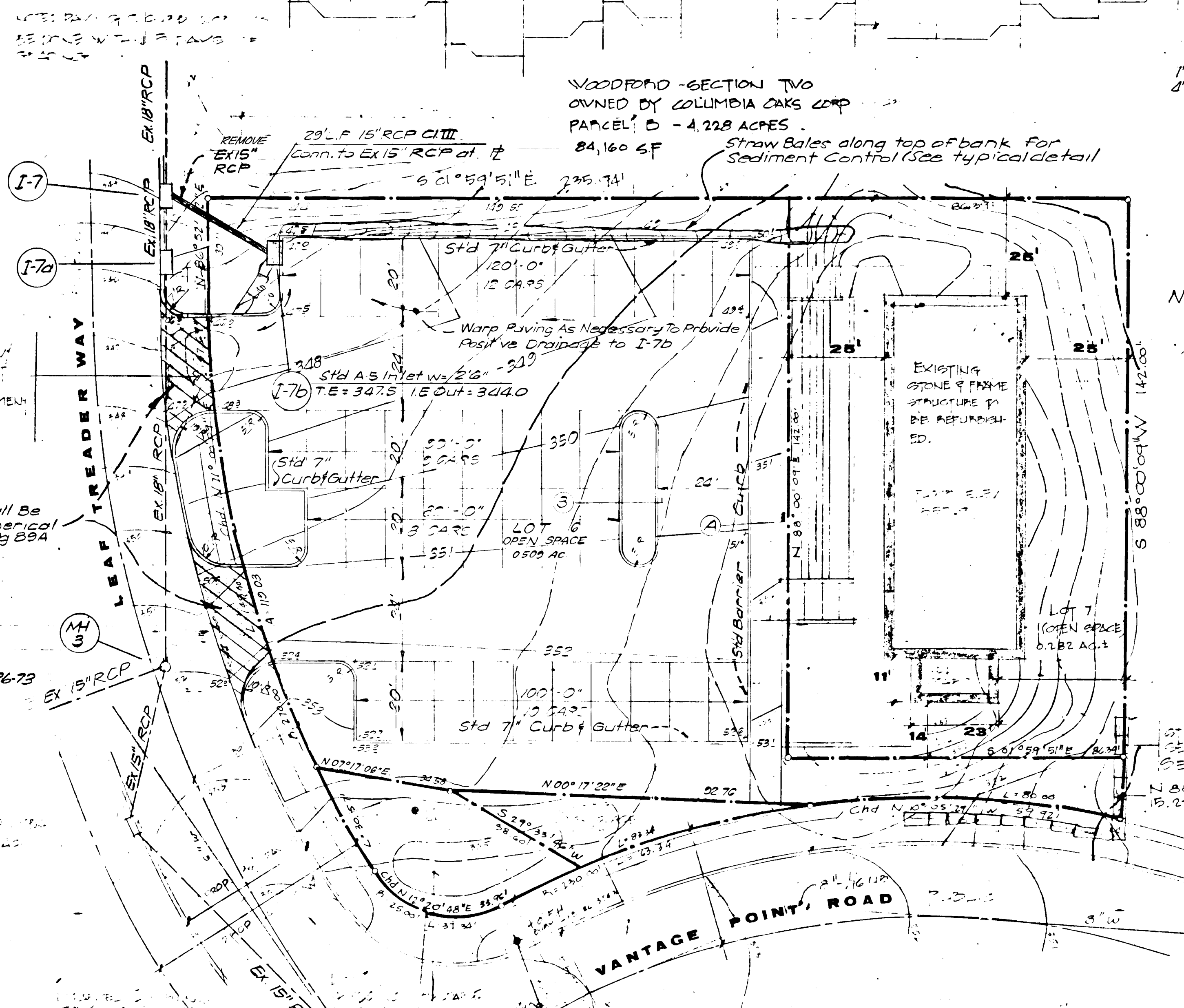
THE BARN IN COLUMBIA
KITTAMAQUONDI COMMUNITY INC.
TOWN CENTER COLUMBIA, MARYLAND
SECTION 7 ELECTION DIST. NO. 5
AREA 2 FILE NO. P-PR-1973 LOTS 67, 68, 69



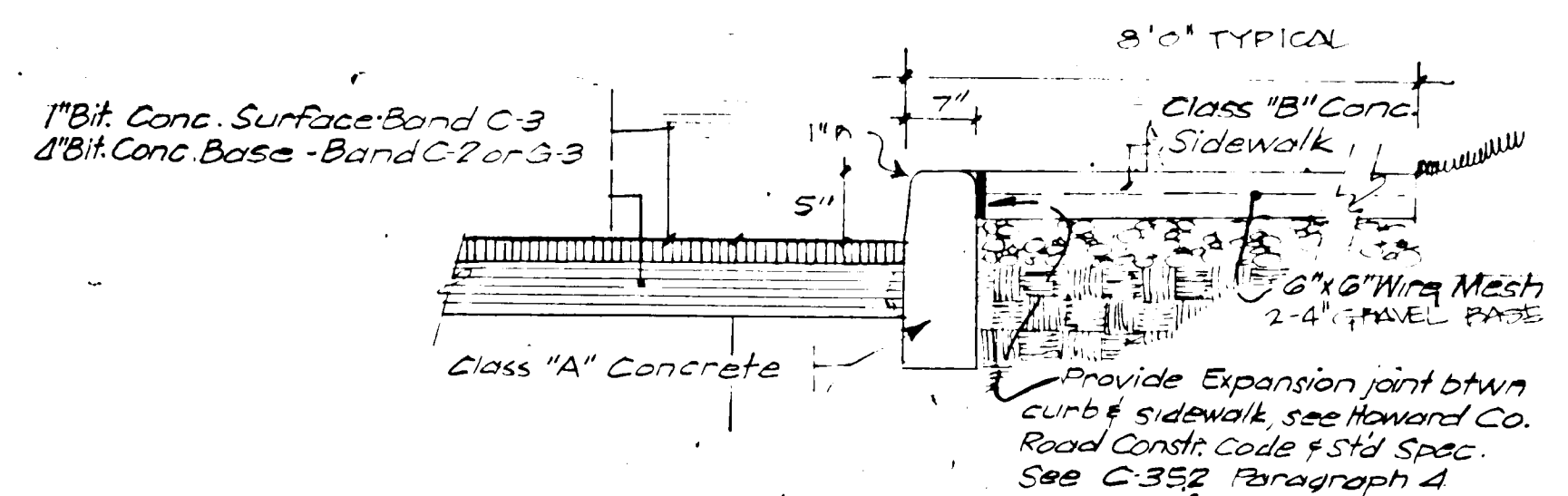
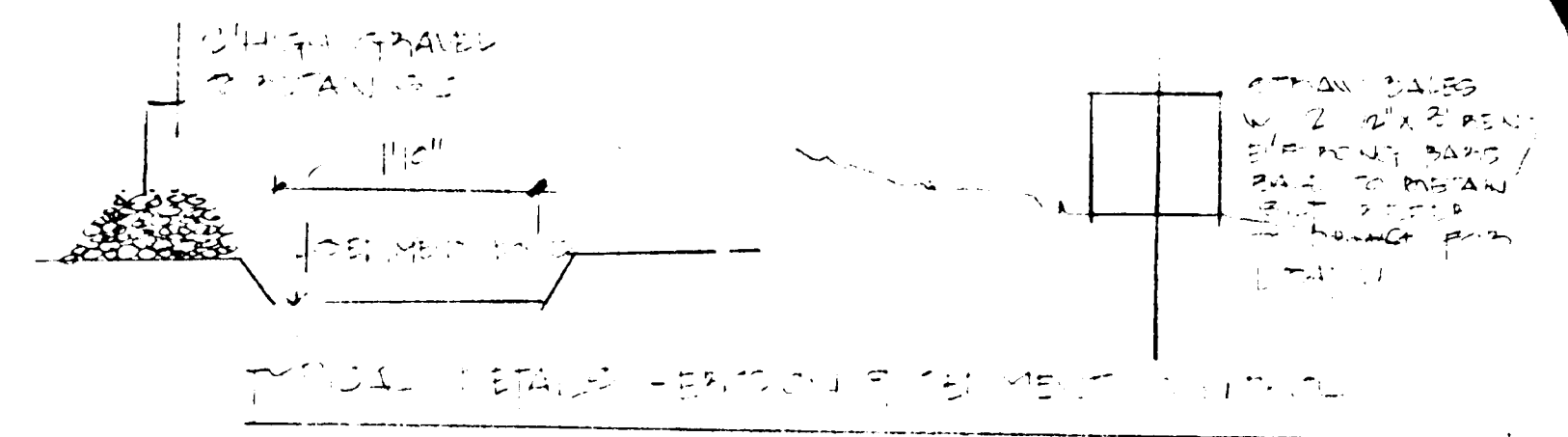
REVIEWED FOR HOWARD SOIC
 3 SHEETS TOTAL PER PERMIT
 Charles E. Null, Jr. 6/11/73
 SUPERVISOR OF EROSION CONTROL
 SEE L2 P. 1 TAB 10A-D-N-10C



VICINITY MAP

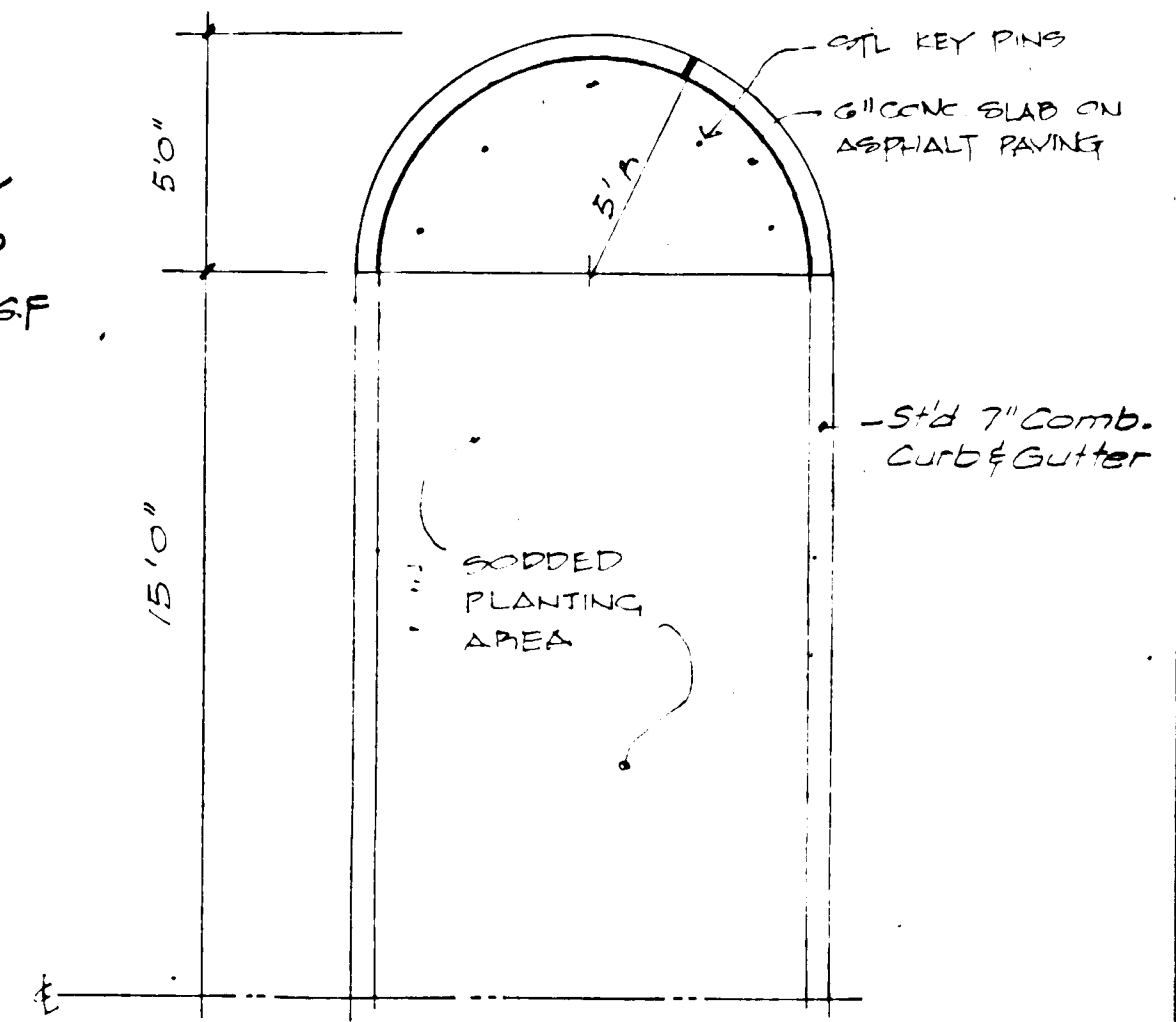


LAYOUT & GRADING PLAN
 1"=20'0"

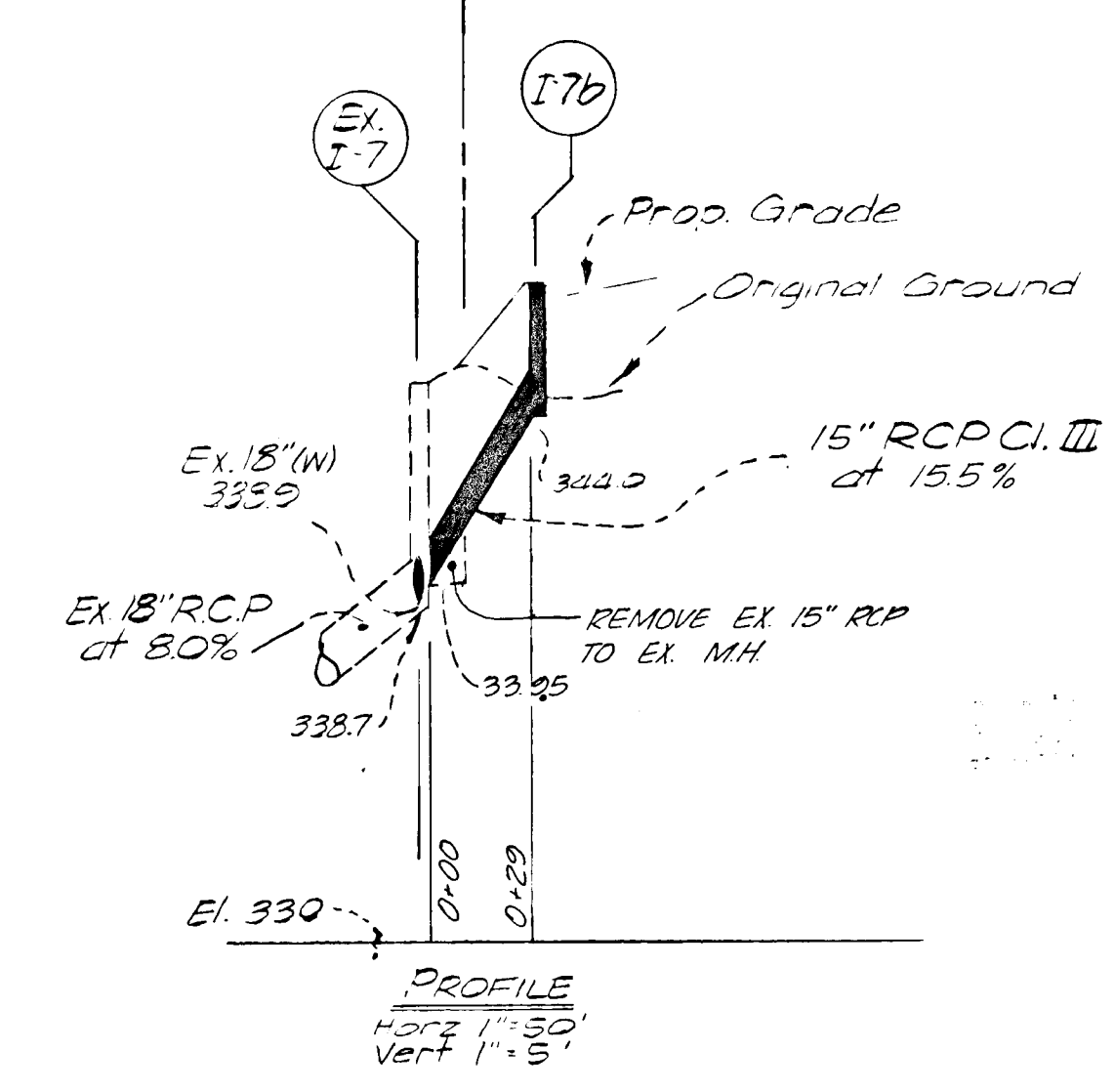


STANDARD BARRIER CURB, SIDEWALK and PAVING DETAIL
 SCALE 3/4"=1'-0"

NOTES: 1. To Be Constructed In Accordance With The Howard Co. Road Constr. Code & Spec.
 2. Placing Of Tack Coat Shall Be Installed Immediately In Advance Of The Placing Of The Bit. Conc. See Howard Co. Constr. Code & Spec. *C-31-A-M
 3. Base Will Be Primed In Accordance With C-30.3 As Provided In Howard Co. Road Constr. Code & Specs.



B PARKING LOT ISLAND DETAILS
 1/4"=1'-0"



PROFILE
 HORIZ 1"=50'
 VERT 1"=5'

I CERTIFY THAT ALL DEVELOPMENT & CONSTRUCTION WILL BE TRUE ACCORDING TO THIS PLAN OF DEVELOPMENT & PLAN FOR EROSION & SEDIMENT CONTROL, & 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 HOWARD SOIL CONSERVATION DISTRICT.

FILE # 3-35-2213

SOA 73-61C

STAKE FILE WITH EROSION CONTROL PLAN FOR SOIL EROSION & SEDIMENT CONTROL SEE ??

Driveway Entrance Shall Be Howard Co. Std Commercial Driveway. See Std Det. Pg B9A

TYPICAL PARKING SPACE

NOTE: Parking Lot Rev. And Addition Of Inlet I-7b Made By: JOHNSON-MCCORDIC-THOMPSON:4-26-73



Charles E. Null, Jr. 4/27/73

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

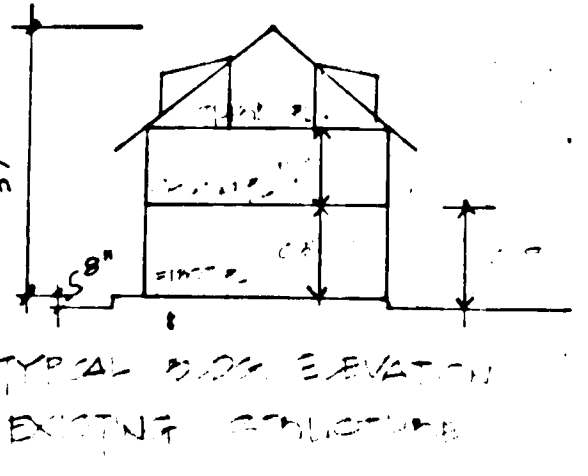
SIGNATURE: *Charles E. Null, Jr.* DATE: 8/16/73
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

Abrett Laza, M.D. 8/16/73
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
Thomas J. Harris 8-16-73
 PLANNING DIRECTOR DATE
W. Lawson 8/16/73
 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 G. Utter 8/13/73
 DIRECTOR DATE
W. P. Willard 8/10/73
 CHIEF BUREAU OF HIGHWAYS DATE

APPROVED: THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION & SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
Richard E. Rasmussen 8/17/73
 HOWARD S.C.D. DATE



TYPICAL DRAINAGE ELEVATION EXISTING CONSTRUCTION

SITE ANALYSIS

AREA OF PARCEL:	LOT #1 0.509 AC	OPEN SPACE
	LOT #2 0.282 AC	OPEN SPACE
	LOT #3 0.018 AC	OPEN SPACE
	LOT #4 0.021 AC	OPEN SPACE
	TOTAL 0.830 AC	OPEN SPACE

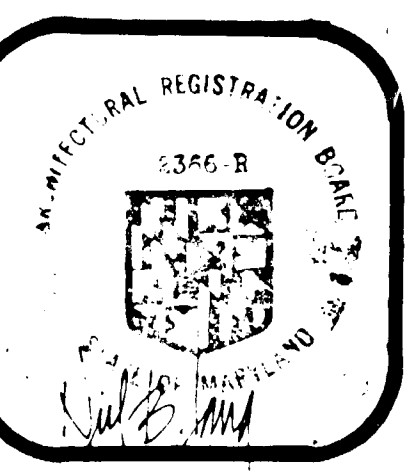
TOTAL NUMBER OF EMPLOYEES: 10
 TOTAL FLOOR SPACE AT EACH LEVEL:
 1 - 9,480 sq ft
 2 - 9,360 sq ft
 3 - 1,500 sq ft

SUBDIVISION PLAN - FINAL DEVELOPMENT PLAN PHASE 107-A
 RECORDED IN PLAT BOOK 20 FOLIOS 68 TO 66
 PARKING REQUIRED 28 SPACES
 PARKING PROVIDED 39 SPACES

APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 DATE 5/30/73
Thomas G. Herring

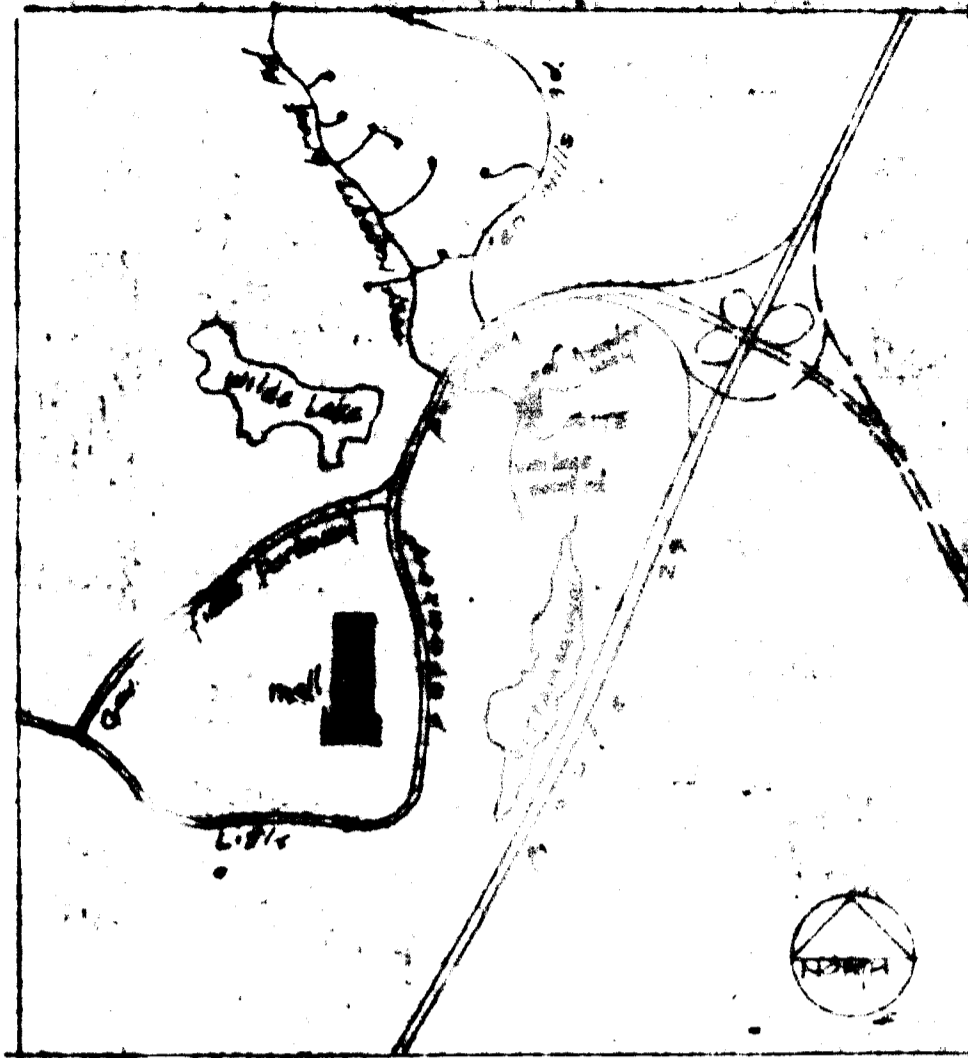
THE BARN IN COLUMBIA
 KITTAMAQUANDI COMMUNITY INC.
 TOWN CENTER COLUMBIA, MARYLAND
 SECTION 7 ELECTION DIST. NO. 8
 AREA FILE NO. P-72-08C
 LOTS 67, 68, 69

NORTH
 SCALE 1"=20'0"
 DEC. 1972



WILLIAM G. UTTER
 3366 B
 PROFESSIONAL ENGINEER
 STATE OF MARYLAND
 510 HARBOR COURT
 COLUMBIA, MD. 21045

L1B
 (2)

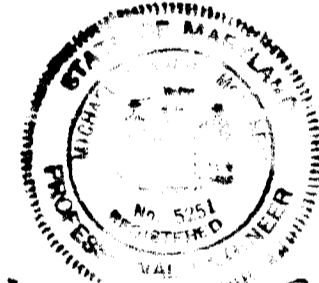


VISITORY MAP



TYPICAL PARKING SPACE

NOTE: Parking Lot Per. And Addition of Inlet I-7b Made By: JOHNSON-MCCORDIC-THOMPSON



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

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

[Signature] COUNTY HEALTH OFFICER DATE 8/14/73

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
[Signature] PLANNING DIRECTOR DATE 8-15-73
[Signature] CHIEF DIVISION OF LAND DEVELOPMENT & TRAFFIC CONTINUITY PLANNING DATE 8-16-73

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND FLOODS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] DIRECTOR DATE 8/13/73
[Signature] CHIEF DIVISION OF HIGHWAYS DATE 8/11/73

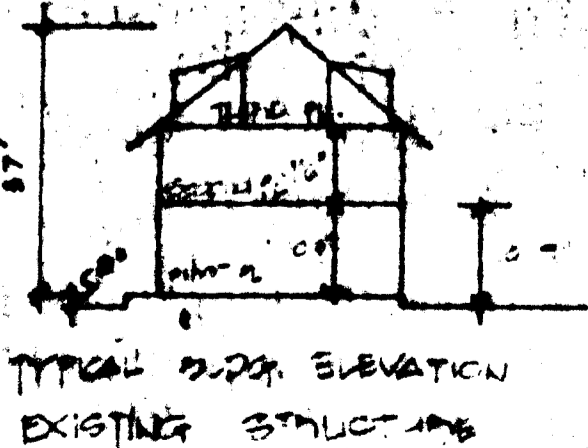
REMOVED FOR HOWARD G.D.P.
STREET TECHNICAL REQUIREMENTS
[Signature] 8/17/73
U.S. SOIL CONSERVATION SERVICE
SEE L2 P.A. STABILIZATION NOTES

NOTE: PARKING SPACE DIMENSIONS TO BE DONE WITHIN 10 DAYS OF APPROVAL

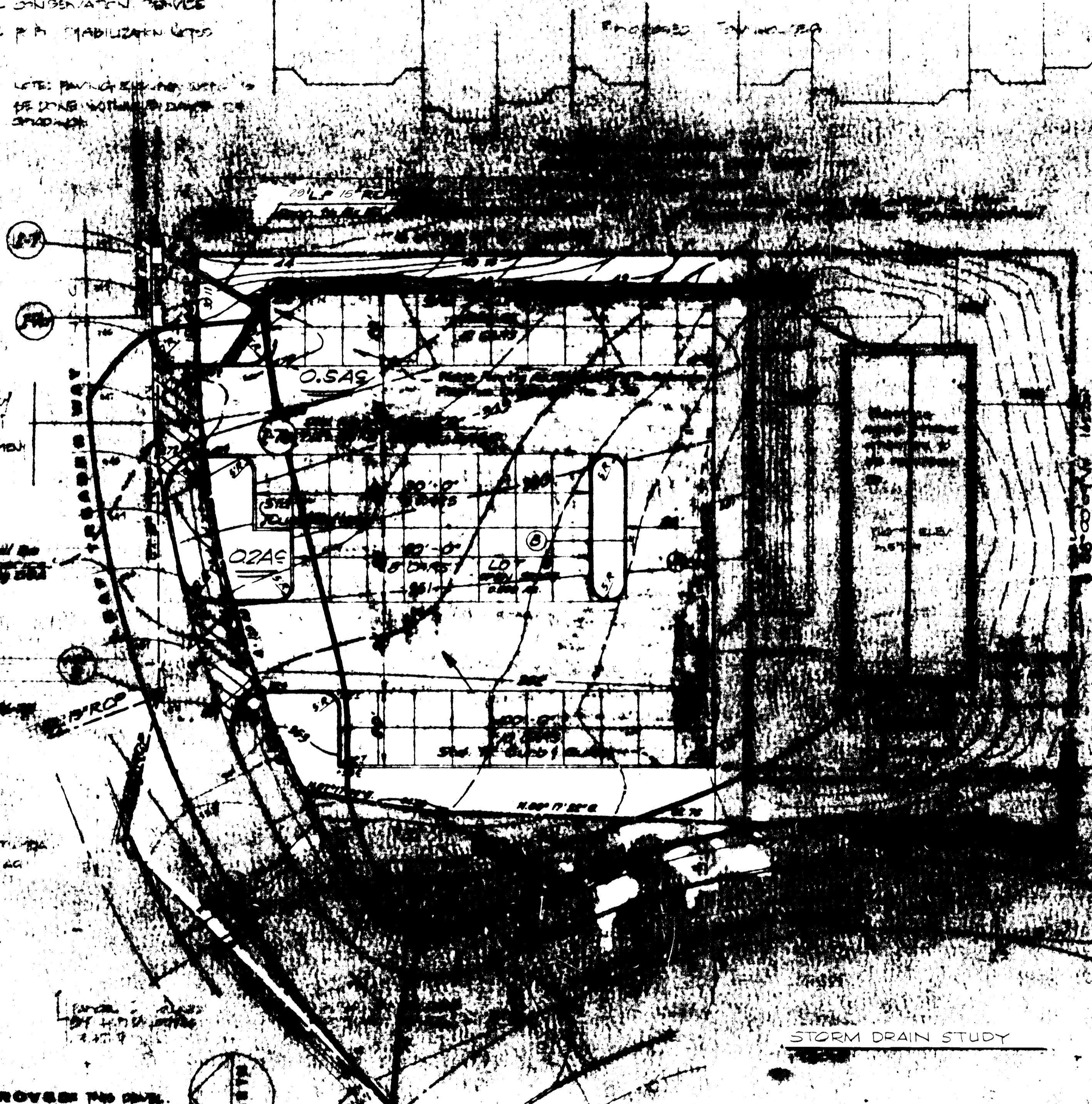
STONE PILE WALL FOOTING PERMITS BUILD UP ON SOIL EXPOSURE & GERMEN SEE TP

Driveway Entrance shall be Howard Co. Std. for Driveway Entrance See Std. Ord. No. 282

APPROVED FOR DATE: PLAN IS APPROVED FOR SOIL EROSION & SEDIMENT CONTROL BY THE HOWARD CO. SOIL CONSERVATION DISTRICT
[Signature] HOWARD G.D.P. DATE 6/17/73



TYPICAL CURB ELEVATION EXISTING STRUCTURE



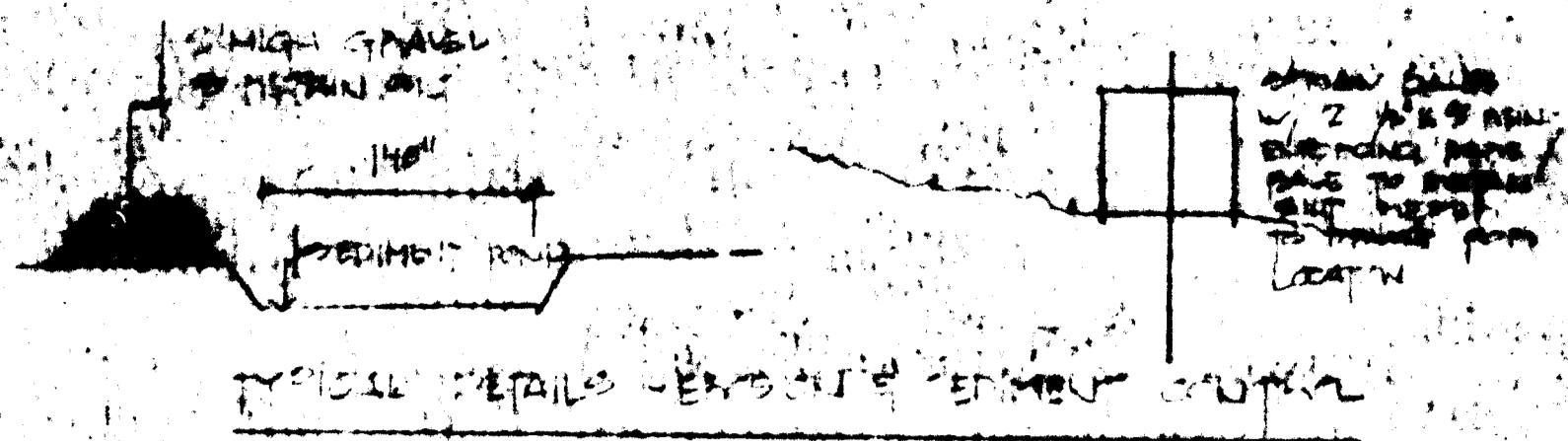
STORM DRAIN STUDY

SITE ANALYSIS

AREA OF PARCEL: LOT 8 2.804 AC	OPEN SPACE
LOT BY 0.282 AC	OPEN SPACE
LOT 7 0.818 AC	OPEN SPACE
LOT 11 1.001 AC	7-20' ALLEN-BUILDING
TOTAL 2.804 AC	

TOTAL EMPLOYMENT: ONE
TOTAL FLOOR SPACE AT EACH LEVEL:
1 - 4,180 sq ft
2 - 2,460 sq ft
3 - 1,460 sq ft

SUBDIVISION PLAN - FINAL DEVELOPMENT PLAN PHASE 107-A
RECORDED IN PLAT BOOK 20 POLI 08 68 TO 66
PARKING REQUIRED 28 CARS
PARKING PROVIDED 39 CARS

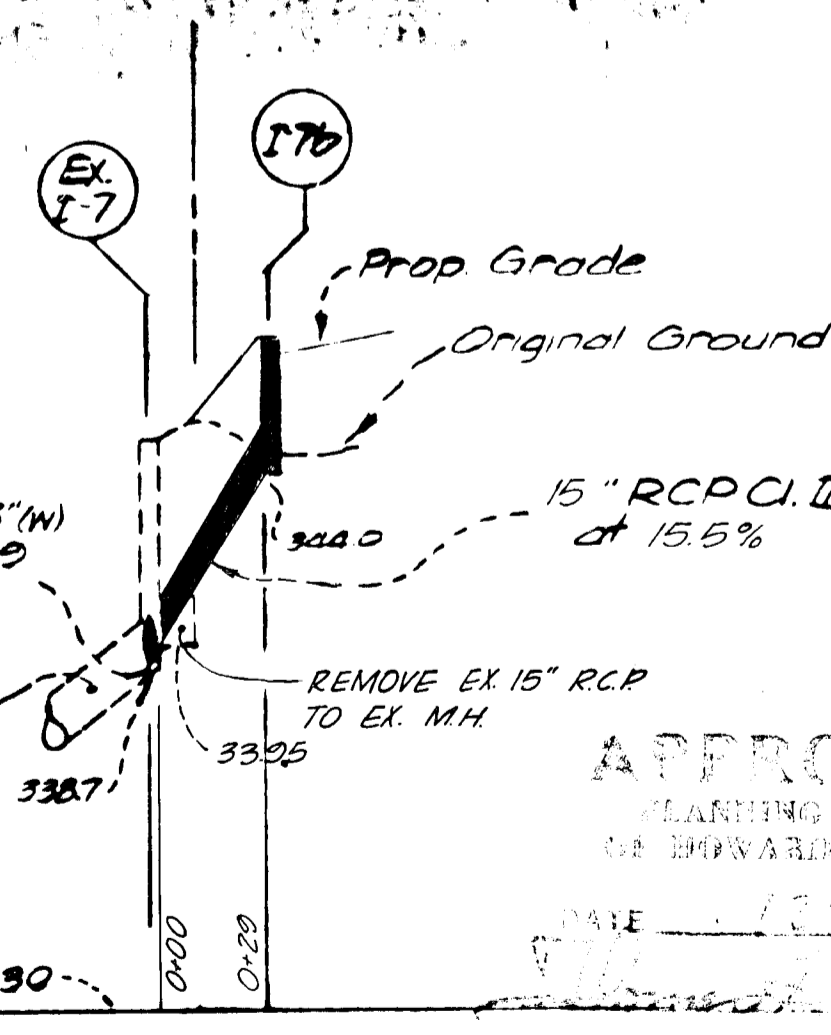


STANDARD BARRIER CURB, SIDEWALK and PAVING DETAIL

NOTES:
1. To be Constructed in Accordance With the Howard Co. Road Construction Code of Ordinances.
2. Finishing of Road and Shoulder Work shall be Completed Immediately in Advance of the Paving of the Bit. Course. See Howard Co. Ordinance Code of Ordinances, Sec. 21-4-11.
3. Storm 15" shall be Proposed in Accordance With C-509 as Provided in Howard Co. Road Construction Code of Ordinances.

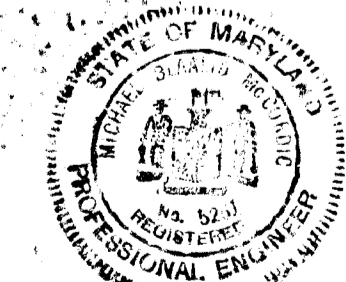
STORM DRAIN COMPUTATIONS

Inlet # 1-7b
ASAC Area 57.11 TC
0.15 C
32.00 = 0.15 (0.05) (71.3)
A-5 Net-Use
9 cfs = capacity of 15" inlet
PIPE = 15" x 15"
15" dia. Use
0.24 min. slope
15" dia. Area
57.11 TC
0.15 C
13.11 = 0.15 (0.05) (71.3)
0.05 = street slope
0.9 cfs = Capacity of A-5 Inlet # 1-7a @ 1.3 cfs
0.4 cfs = Capacity of Inlet # 1-7a @ 0.4 cfs



PROFILE
NOTE: 1" = 50' VERT
1" = 5'

STORM DRAIN STUDY
by
JOHNSON-MCCORDIC-THOMPSON
Engineers Planners, Surveyors
10750 Columbia Ave Silver Spring, Md 20901
593-2990



[Signature] 6/8/73

APPROVED
PLANNING DIRECTOR OF HOWARD COUNTY
DATE 8/15/73
[Signature]

VIADUCT IN COLUMBIA
 LOTS 67, 68, 69
 ANL
 SEC. 1
 2386-B
 STATE OF MARYLAND
 210 SENATORIAL COURT
 COLUMBIA, MD. 21045
L1
 3