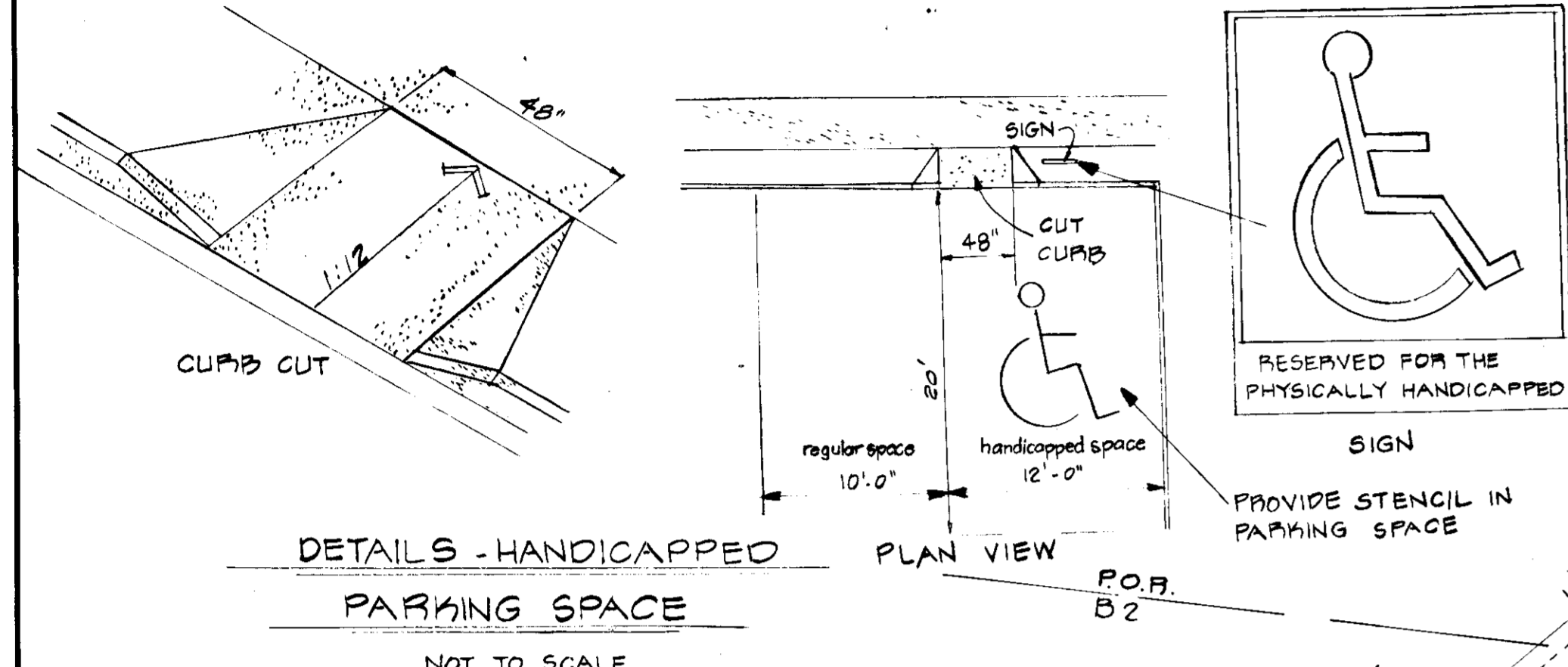
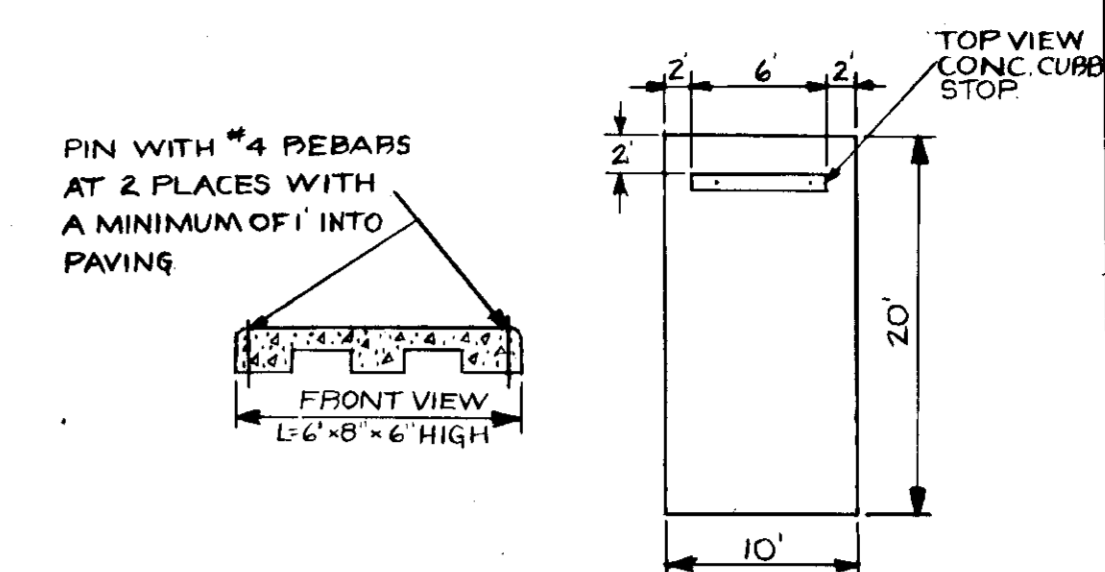


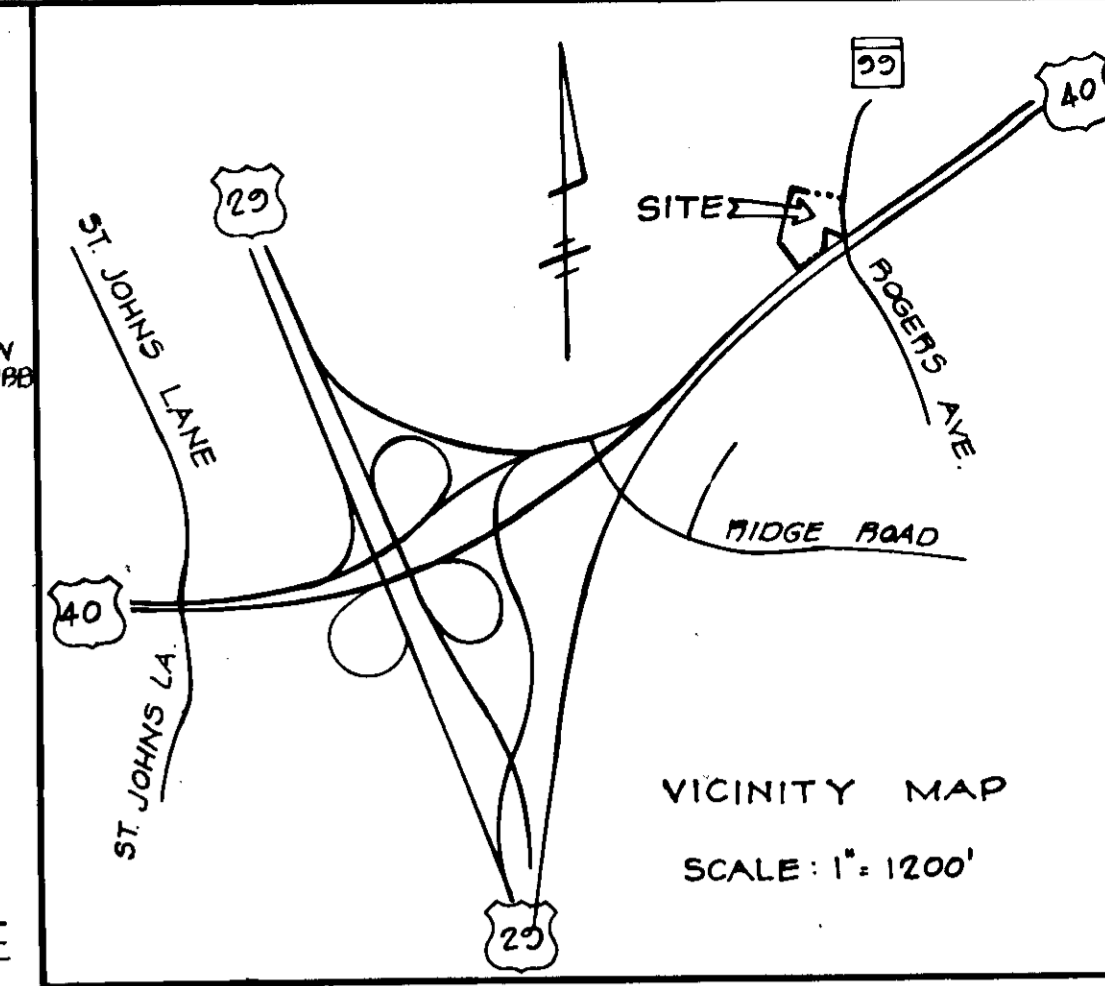
BUILDING SCHEMATICS



PRIVATE DRAIN NOTES  
 ALL PRIVATE DRAINS SHALL BE GOVERNED BY THE HOWARD COUNTY PLUMBING CODE. THE CONTRACTOR SHALL BE ALLOWED TO USE ANY APPROVED MATERIAL UNLESS OTHERWISE SPECIFIED. PRIVATE DRAINS ARE DENOTED P.D.



TYPICAL PARKING SPACE WITH INSTALLATION OF CURB STOP



NOTE: LIGHTING TO BE MERCURY VAPOR, M.H. OR EQUIVALENT, WALL MOUNTED UP-DOWN DIRECTIONAL LIGHTING. LIGHTING SHALL BE DIRECTED/REFLECTED AWAY FROM RESIDENTIAL PROPERTY AND PUBLIC R/W.

ZONING COMPLIANCE:

- BUILDING COVERAGE -  
 SHOWROOM: 3,600 SQ. FT.  
 SERVICE/PARTS: 1,750 SQ. FT.  
 ADMINISTRATION: 1,150 SQ. FT.  
 TOTAL: 6,500 SQ. FT. (10.9% OF SITE)
- OPEN SPACE: INCLUDING LANDSCAPED AREAS = 20% 28,140 SQ. FT.  
 PARKING LOT LANDSCAPED AREAS = 2,540 SQ. FT. (5% OF PARKING AREAS)

GENERAL NOTES

- TAX MAP: 24, BLOCK G, PARCEL B1
- DEED REFERENCE: PARCEL 'A' 226-406, PARCEL 'B' 219-027, PARCEL 'C' 246-447
- EXISTING ZONING: B-2
- HORIZONTAL CONTROL: IS BASED ON MARYLAND STATE GRID SYSTEM.
- VERTICAL CONTROL IS BASED ON HOWARD COUNTY B.M. ELEVATION CONTROL.
- PROPOSED SITE USE: AUTO SALES, REPAIR AND SERVICE OF MOTOR VEHICLES.
- TOTAL AREA SITE = 3,226 ACRES.
- PARKING REQUIREMENT: 1 SPACE PER 500 SQUARE FEET OF FLOOR AREA, 19,350 SQ. FT. = 31 SPACES REQUIRED. NUMBER OF PARKING SPACES PROVIDED: 44 SPACES (INCLUDING 2 HANDICAPPED SPACES)
- TOPOGRAPHY, FIELD RUN BY BOENNER ASSOC. INC. APRIL 1979
- U.S. ROUTE 40 AND MD. STATE ROUTE NO. 99 ARE PUBLIC ROADS.
- PUBLIC WATER TO BE USED (CONTR. D-W)
- A COMPLETE OIL INTERCEPTION SHALL BE PROVIDED WITHIN THE MECHANICAL PLANS OF THE BUILDING.

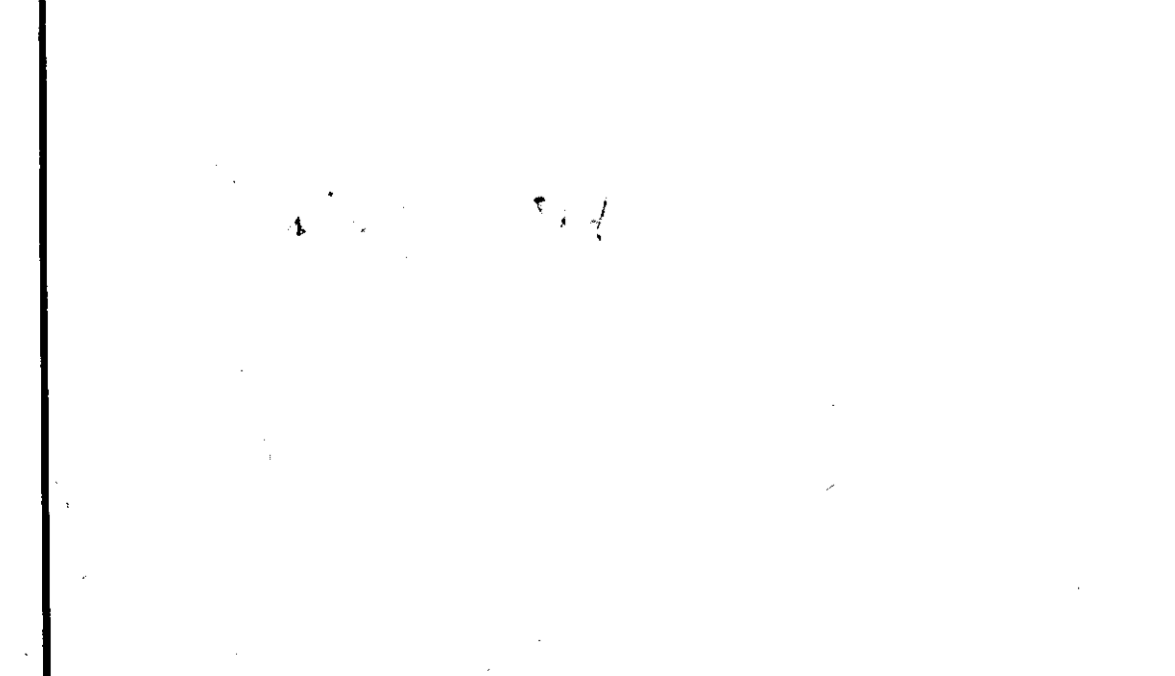
APPROVED: FOR PUBLIC WATER AND PRIVATE SEWERAGE SYSTEMS  
 HOWARD COUNTY HEALTH DEPARTMENT.  
 APPROVED: FOR PUBLIC WATER AND PRIVATE SEWERAGE SYSTEMS  
 HOWARD COUNTY OFFICE OF PLANNING AND ZONING.  
 APPROVED: FOR PUBLIC WATER, SYSTEMS AND PUBLIC ROADS.

12-22-80 DATE  
 12-21-80 DATE  
 12-21-80 DATE  
 12-31-80 DATE  
 12-31-80 DATE

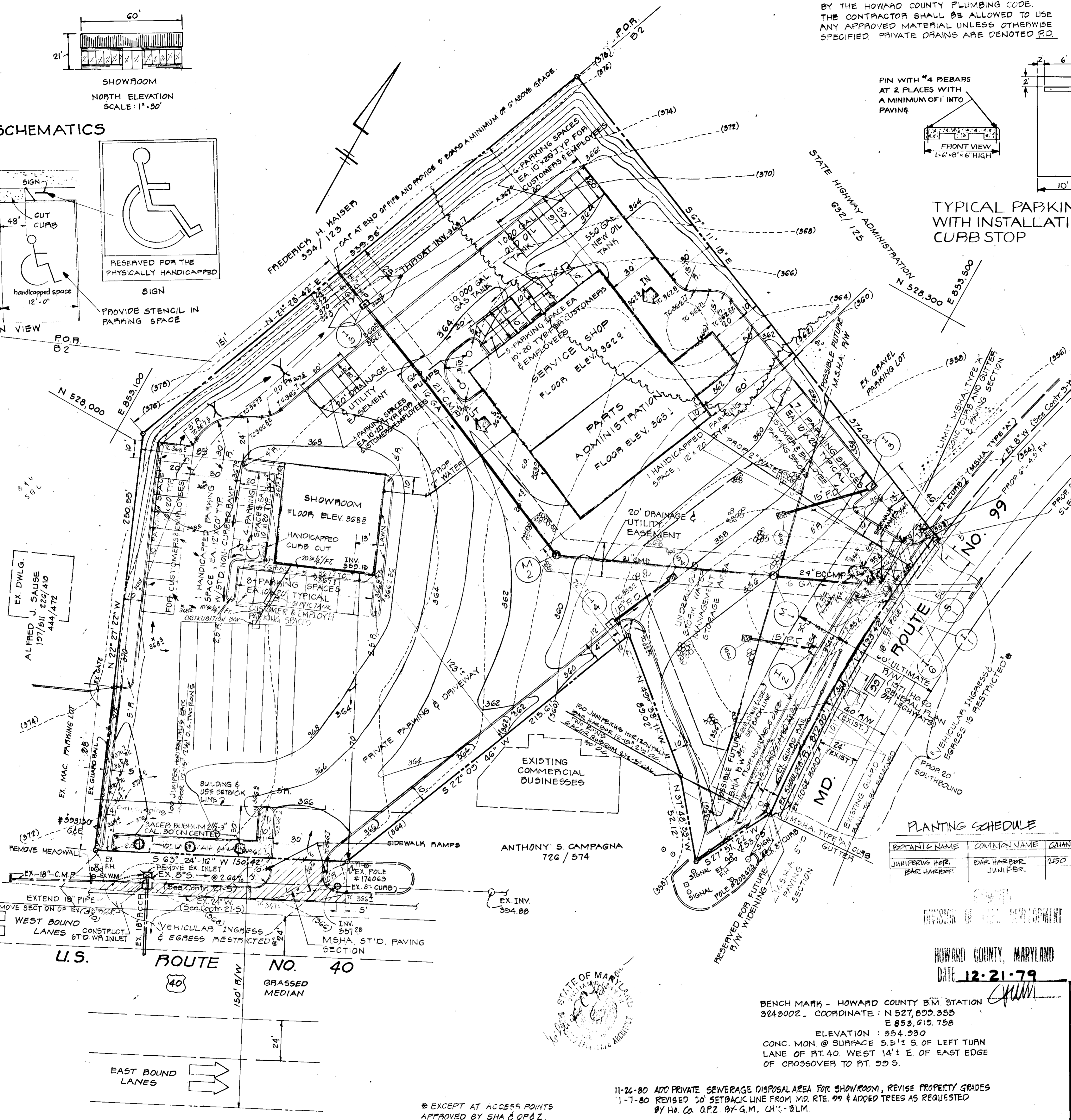
SEPTIC SYSTEM NOTES

FF BLDG. - 368.8  
 INV. OUT - 366.5  
 SEPTIC TANK  
 EX. GROUND - 368.0  
 PROP. GROUND - 368.2  
 INV. IN - 366.08  
 INV. OUT - 365.78  
 DISTRIBUTION BOX  
 EX. GROUND - 368.2  
 PROP. GRADE - 368.2  
 INV. OUT TO TRENCHES - 365.57  
 MAINTAIN 2 1/2' COVER OVER TRENCHES

NOTE:  
 PRIVATE SEWERAGE SYSTEM IS TO SERVICE THE SHOWROOM ONLY. SEWERAGE SERVICE TO SERVICE SHOP AND PARTS DEPARTMENT WILL REQUIRE HEALTH DEPARTMENT APPROVAL.



EXCEPT AT ACCESS POINTS APPROVED BY SHA & OP&Z.



PLANTING SCHEDULE

PLANT NAME	COMMON NAME	QUAN	SIZE
JUNIPERUS HOPR.	BAR HARBER	250	2-15" SPREAD
JUNIPER	JUNIPER		

OWNER & DEVELOPER  
 O'DONNELL PONTIAC, INC.  
 ROUTES 29 & 40  
 ELLICOTT CITY, MD. 21043  
 Signature: Robert May Jr.  
 5-24-79

HOWARD COUNTY, MARYLAND  
 DATE 12-21-79

BENCH MARK - HOWARD COUNTY B.M. STATION 3243002 - COORDINATE: N 527,809.355 E 853,619.758  
 ELEVATION: 354.930  
 CONC. MON @ SURFACE 5.5'± S. OF LEFT TURN LANE OF RT. 40 WEST 14'± E. OF EAST EDGE OF CROSSOVER TO RT. 29 S.

SITE PLAN			
PROJECT: O'DONNELL AUTO DEALERSHIP			
LOCATION: 2ND ELECTION DISTRICT		HOWARD COUNTY, MD.	
DATE: MAY, 1979	DESIGN BY: W.H.N.	DRAWN BY: W.H.N.	CHECKED BY: F.L.M.
SCALE: 1" = 30'	JOB NO.: 7927	DRAWING NO.: 1 OF 6	SDP-79-135
boenner associates SUITE 102-107 TOWN & COUNTRY PROFESSIONAL BUILDING ELLICOTT CITY, MARYLAND 21043 BALTIMORE 301-466-7777 SALISBURY 301-746-1286			engineers surveyors planners

APPROVED FOR PUBLIC WATER AND PRIVATE SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT.

*Joseph J. ...* 12-22-80  
COUNTY HEALTH OFFICER DATE

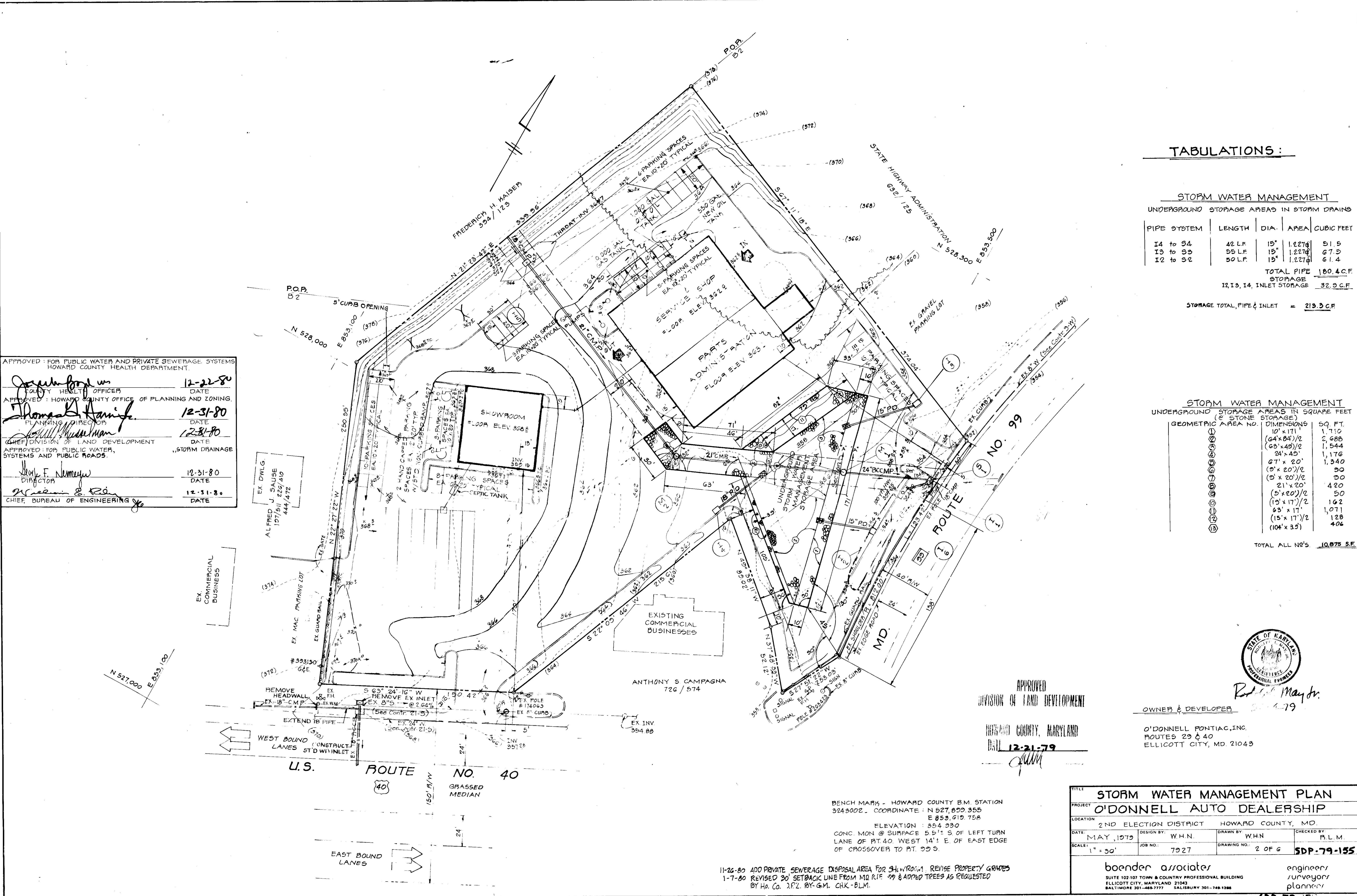
*Thomas A. ...* 12-31-80  
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.  
PLANNING DIRECTOR DATE

*William ...* 12-31-80  
CHIEF DIVISION OF LAND DEVELOPMENT DATE

APPROVED FOR PUBLIC WATER, STORM DRAINAGE  
SYSTEMS AND PUBLIC ROADS.

*Walter F. ...* 12-31-80  
DIRECTOR DATE

*William E. ...* 12-31-80  
CHIEF BUREAU OF ENGINEERING DATE



**TABULATIONS:**

**STORM WATER MANAGEMENT**  
UNDERGROUND STORAGE AREAS IN STORM DRAINS

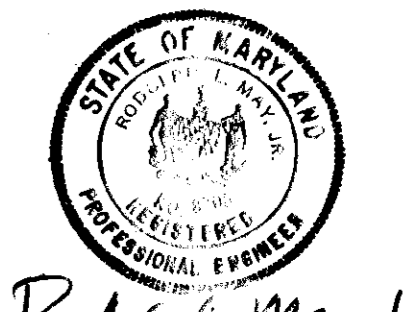
PIPE SYSTEM	LENGTH	DIA.	AREA	CUBIC FEET
I4 to 34	42 L.F.	15"	1,227.6	51.5
I3 to 33	55 L.F.	15"	1,227.6	67.9
I2 to 32	50 L.F.	15"	1,227.6	61.4
<b>TOTAL PIPE STORAGE</b>				<b>180.4 C.F.</b>
<b>I2, I3, I4, INLET STORAGE</b>				<b>32.9 C.F.</b>
<b>STORAGE TOTAL, PIPE &amp; INLET</b>				<b>= 213.3 C.F.</b>

**STORM WATER MANAGEMENT**  
UNDERGROUND STORAGE AREAS IN SQUARE FEET  
(STONE STORAGE)

GEOMETRIC AREA NO.	DIMENSIONS	SQ. FT.
1	10' x 171'	1,710
2	(64' x 84')/2	2,688
3	(68' x 49')/2	1,544
4	24' x 45'	1,176
5	67' x 20'	1,340
6	(9' x 20')/2	90
7	(9' x 20')/2	90
8	21' x 20'	420
9	(5' x 20')/2	50
10	(15' x 17')/2	162
11	(15' x 17')/2	128
12	(104' x 33')	406
<b>TOTAL ALL NO'S</b>		<b>10,875 S.F.</b>

APPROVED  
DIVISION OF LAND DEVELOPMENT

HOWARD COUNTY, MARYLAND  
DATE 12-21-79



OWNER & DEVELOPER  
O'DONNELL PONTIAC, INC.  
ROUTES 29 & 40  
ELLICOTT CITY, MD. 21043

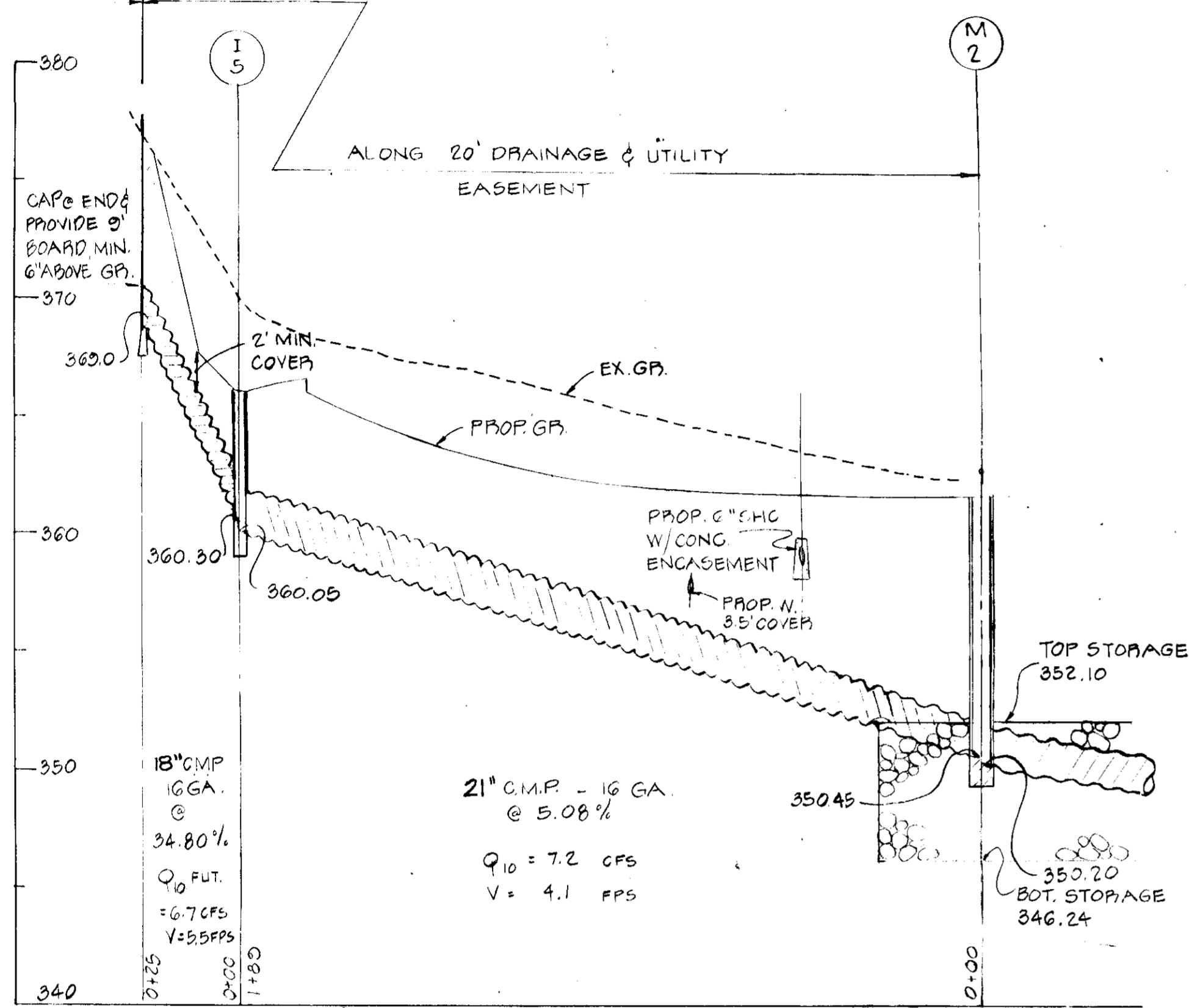
BENCH MARK - HOWARD COUNTY B.M. STATION  
3243002. COORDINATE: N 527,622.355  
E 853,619.758  
ELEVATION: 354.990  
CONC. MON @ SURFACE 5.5' S OF LEFT TURN  
LANE OF RT. 40 WEST 14' E OF EAST EDGE  
OF CROSSOVER TO RT. 29 S.

11-26-80 ADD PRIVATE SEWERAGE DISPOSAL AREA FOR SHOWROOM. REVISE PROPERTY GRADES  
1-7-80 REVISED 20' SETBACK LINE FROM MD. RTE 99 & ADDED TREES AS REQUESTED  
BY HO. CO. J.F.Z. BY-G.M. CHK-B.L.M.

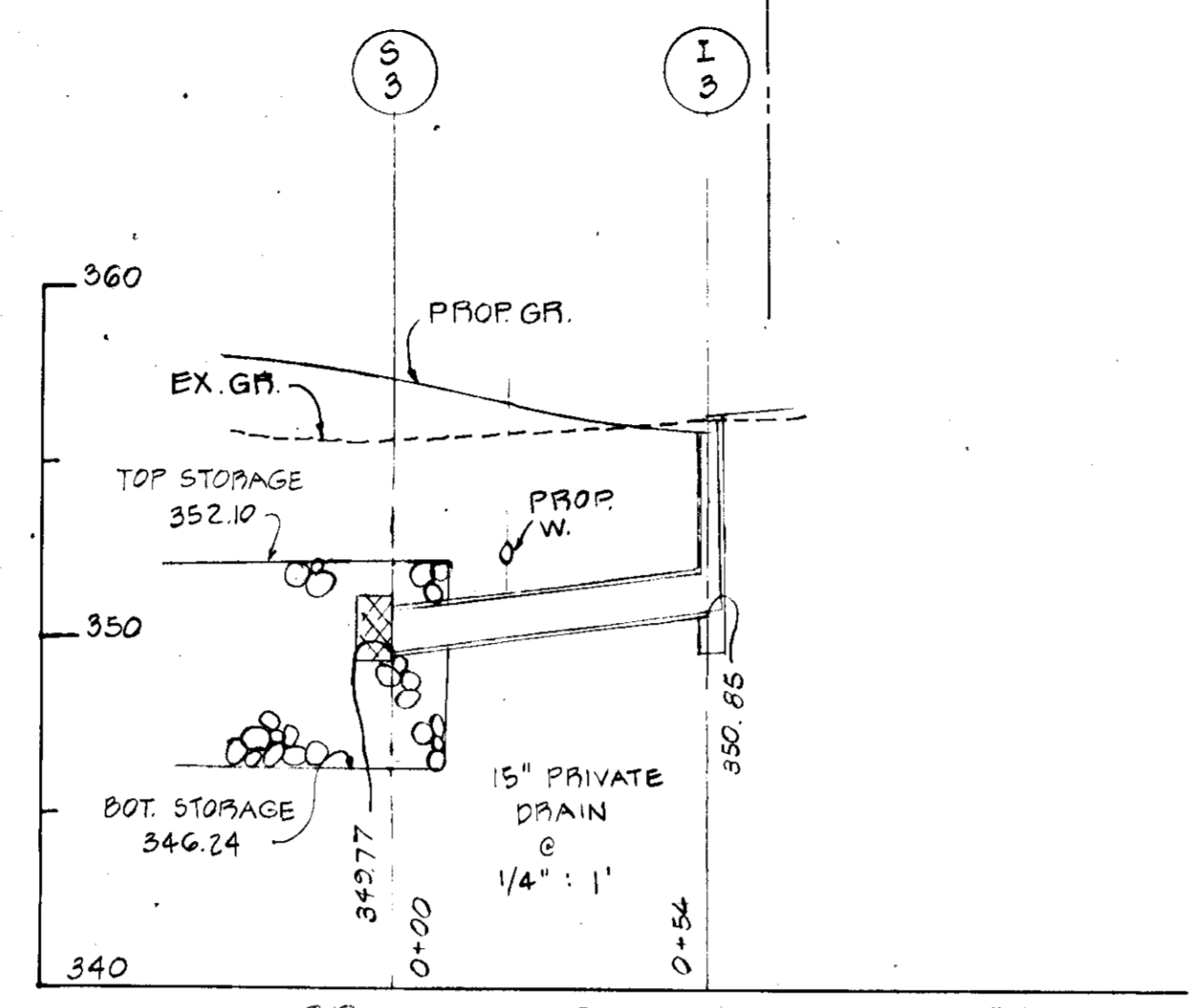
**TITLE** STORM WATER MANAGEMENT PLAN  
**PROJECT** O'DONNELL AUTO DEALERSHIP  
**LOCATION** 2ND ELECTION DISTRICT HOWARD COUNTY, MD.  
**DATE** MAY, 1979 **DESIGN BY:** W.H.N. **DRAWN BY:** W.H.N. **CHECKED BY:** P.L.M.  
**SCALE:** 1" = 50' **JOB NO.:** 7927 **DRAWING NO.:** 2 OF 6 **SDP-79-155**

**boender associates** engineers/surveyors/planners  
SUITE 102 107 TOWN & COUNTRY PROFESSIONAL BUILDING  
ELLICOTT CITY, MARYLAND 21043  
BALTIMORE 301-468-7777 SALISBURY 301-748-1288

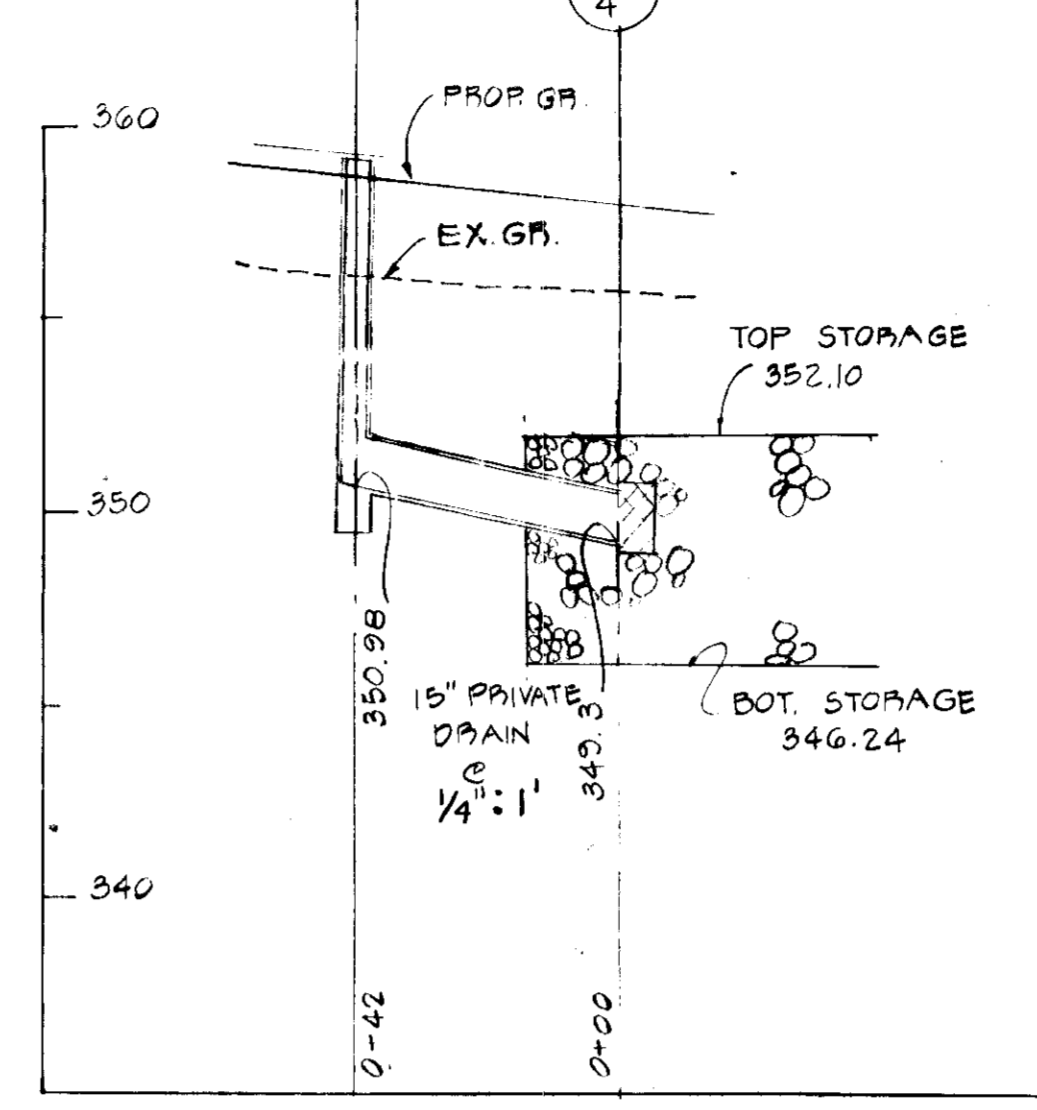
FREDERICK, H. KAISER PROPERTY



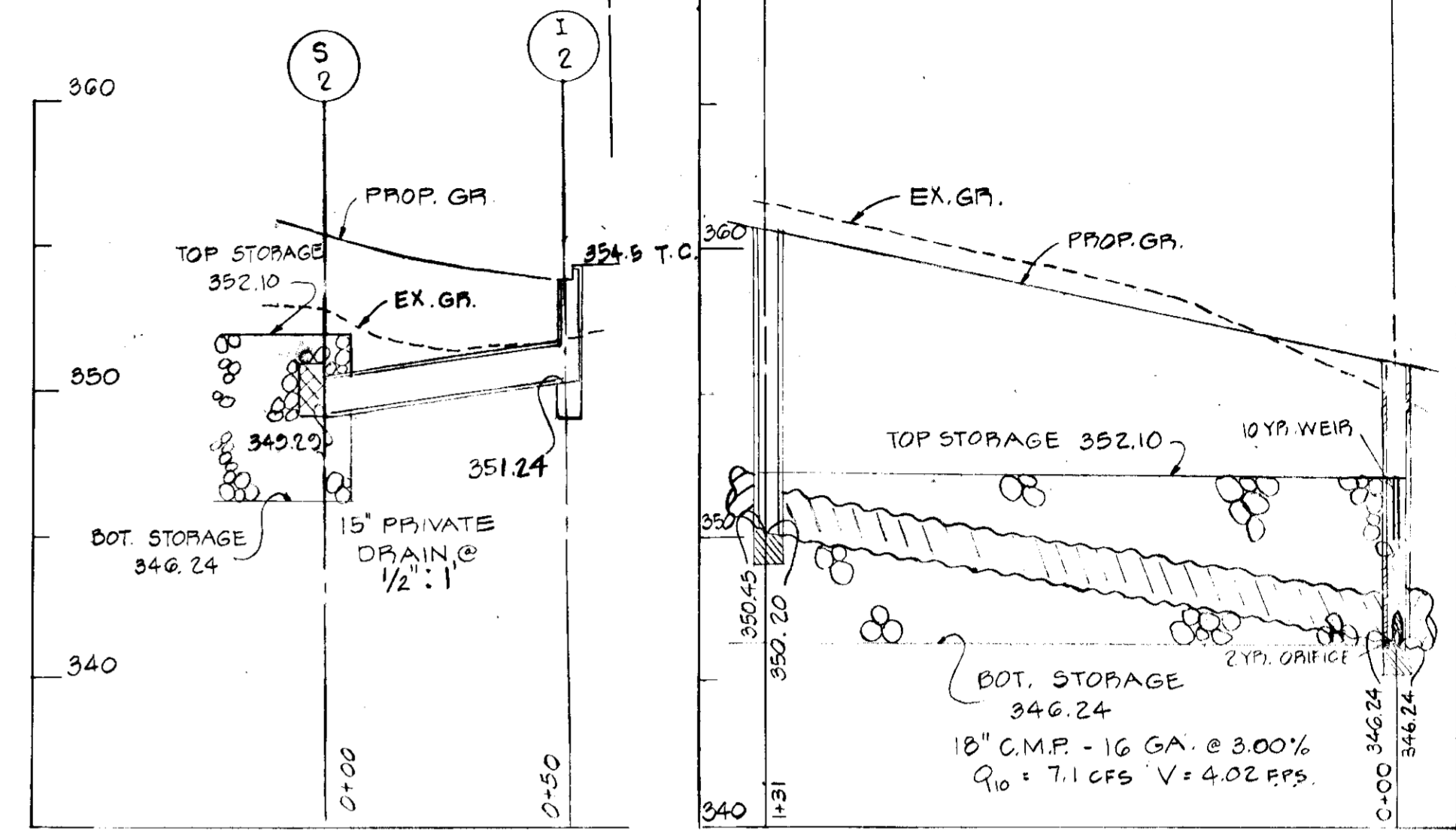
PROFILE - PUBLIC-HOWARD COUNTY STORM DRAINS  
SCALE: HOR: 1" = 30' VER: 1" = 5'



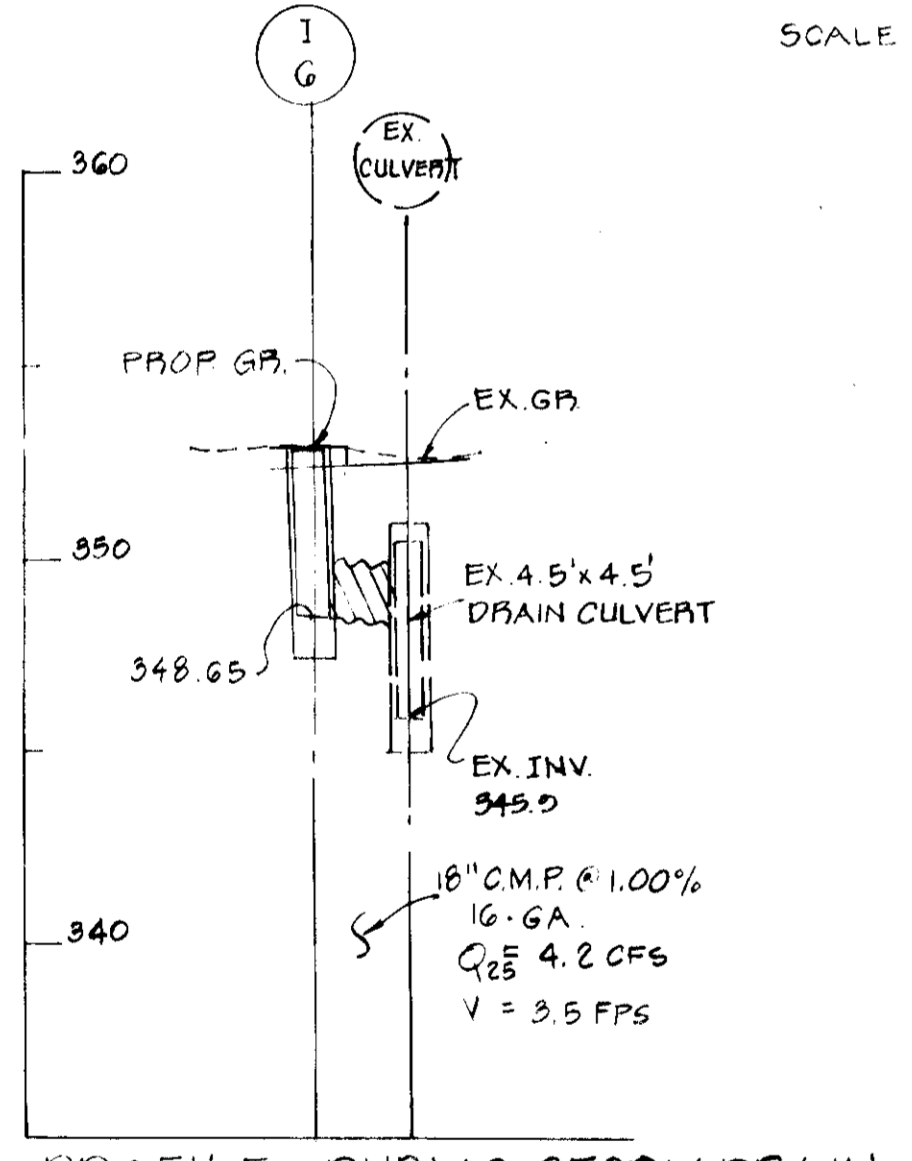
PROFILE - PRIVATE STORM DRAIN  
SCALE: HOR: 1" = 30' VER: 1" = 5'



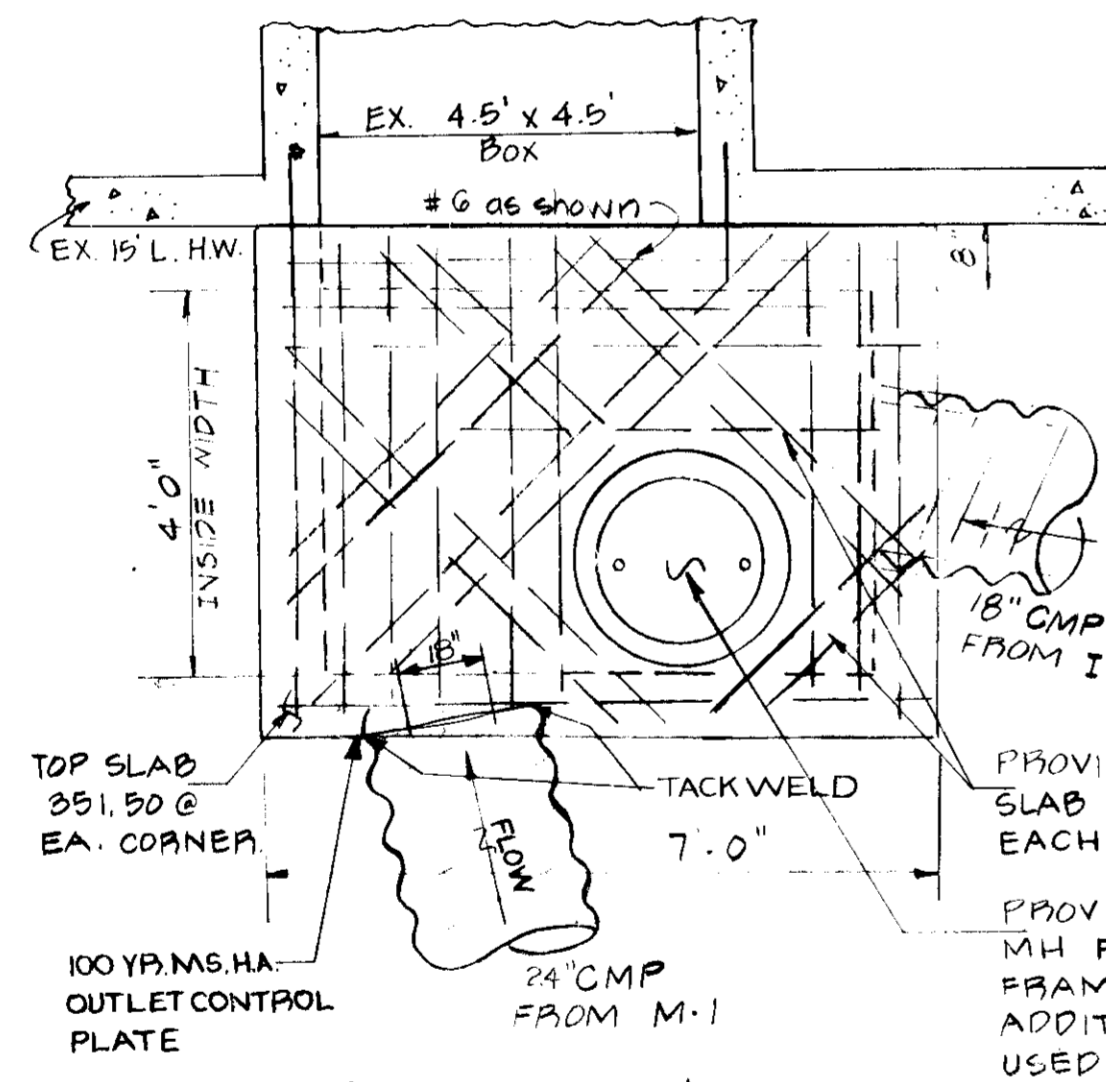
PROFILE - PRIVATE STORM DRAIN  
SCALE: HOR: 1" = 30' VER: 1" = 5'



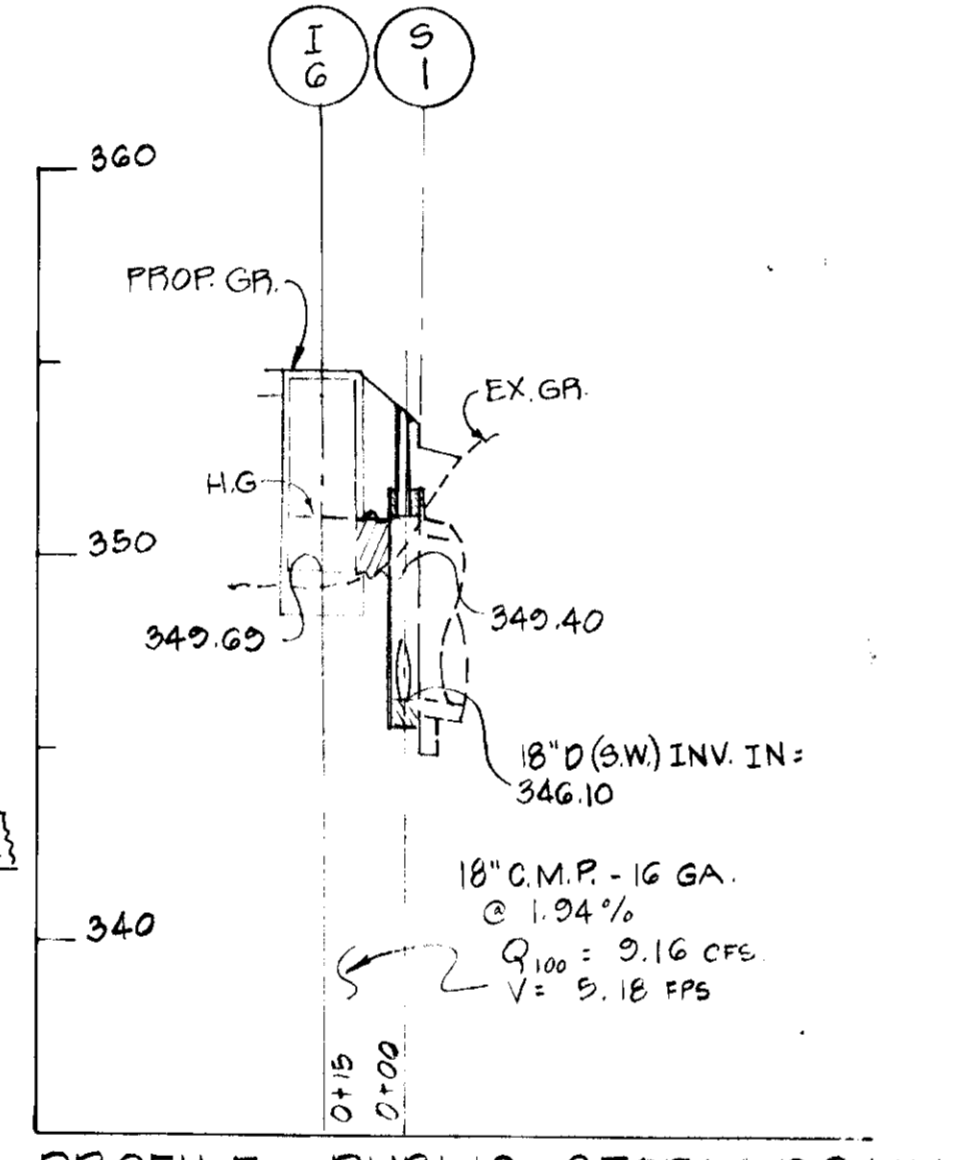
PROFILE - PRIVATE STORM DRAIN  
SCALE: HOR: 1" = 30' VER: 1" = 5'



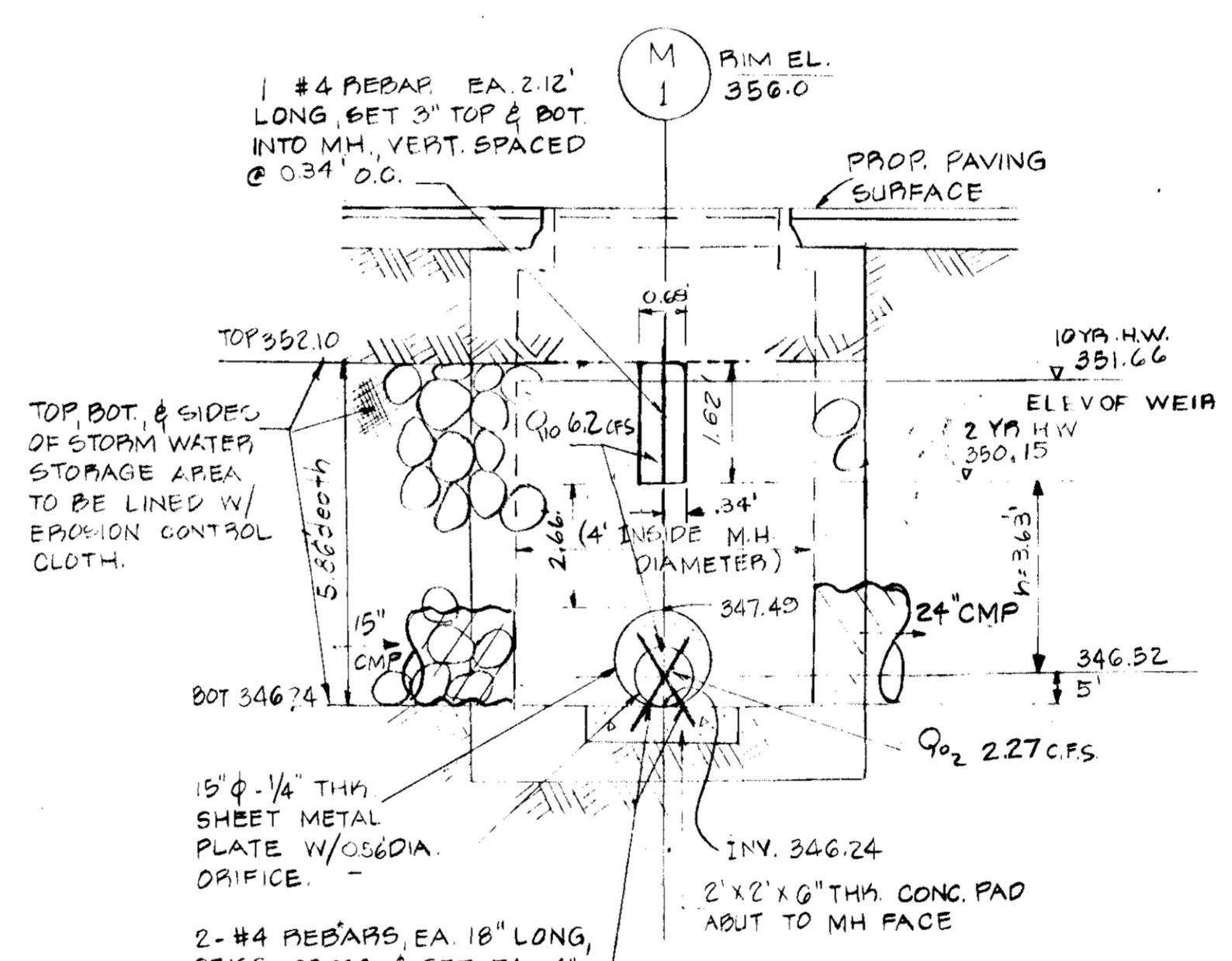
PROFILE - PUBLIC STORM DRAIN  
SCALE: HOR: 1" = 30' VER: 1" = 5'



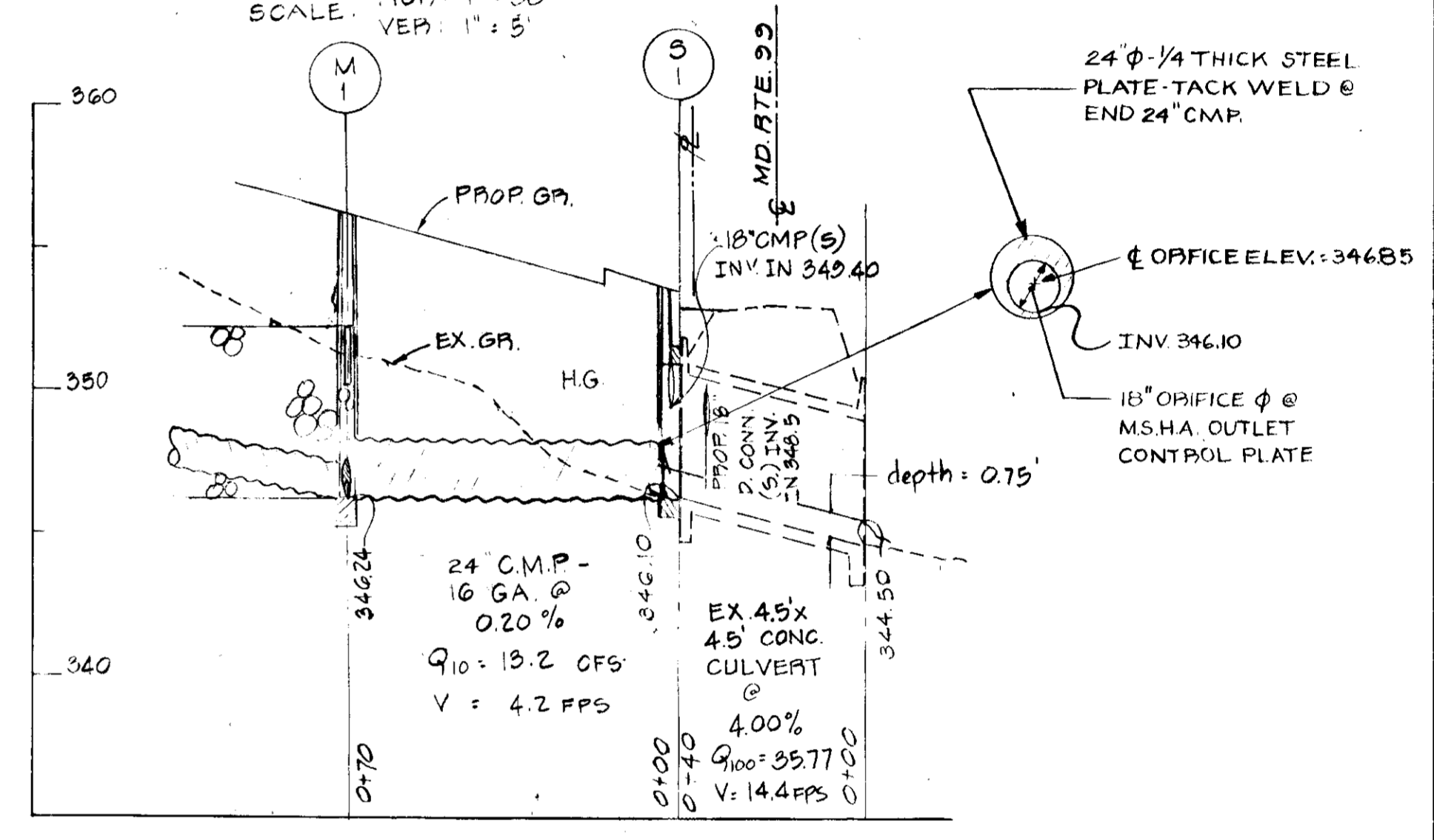
DETAIL S-1  
NOT TO SCALE



PROFILE - PUBLIC STORM DRAIN  
SCALE: HOR: 1" = 30' VER: 1" = 5'

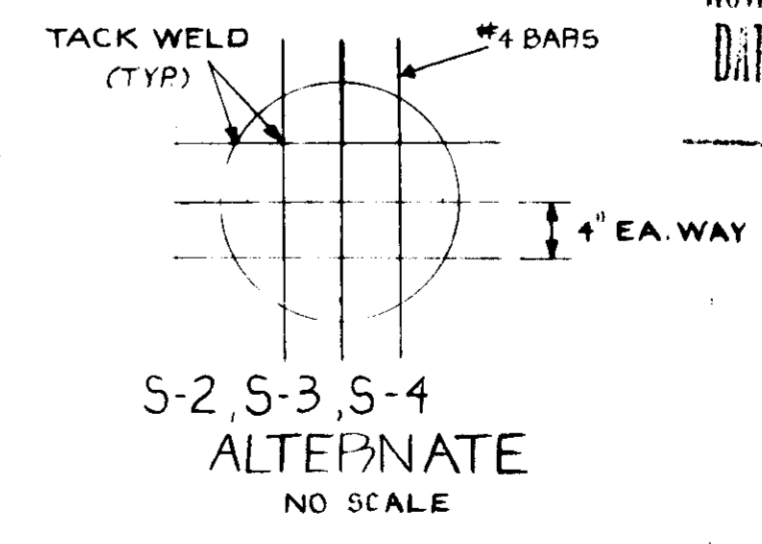


SECTION "A-A" - MANHOLE  
OUTLET CONTROL STRUCTURE AND S.W.M. STORAGE AREA DETAIL  
NOT TO SCALE



PROFILE - PUBLIC STORM DRAIN  
SCALE: HOR: 1" = 30' VER: 1" = 5'

PROPOSED STRUCTURE SCHEDULE					
NO.	TYPE	INV. IN	INV. OUT	TOP ELEV	REMARKS
1-1	MARYLAND WP COMB. DBL	-	352.40	352.40	SEE MD STATE INLET S.D. 374.04
1-2	HO. CO. DBL "5" COMB	-	351.24	351.24	SEE HO. CO. STD. DRAWG. D-99, PG. 154
1-3	HO. CO. DBL "5" COMB	-	350.85	350.80	" " " " " " " " " " " "
1-4	HO. CO. DBL "5" COMB	-	350.05	350.00	" " " " " " " " " " " "
1-5	HO. CO. "K" INLET	360.30	360.05	360.70	" " " " " " " " " " " "
1-6	HO. CO. "A-10" INLET	-	349.69	354.10	" " " " " " " " " " " "
M-1	HO. CO. STD. MH	346.24	346.24	350.00	" " " " " " " " " " " "
S-1	SPECIAL MH	349.40	346.10	358.60	SEE DETAIL THIS SHEET
S-2	GABION STONE CAGE	348.20	349.20	350.70	ALTERNATE - #4 BARS WELDED TO END OF PIPE
S-3	" " " "	349.77	349.77	351.27	4" CC EA. WAY
S-4	" " " "	349.30	349.30	351.80	" " " " " " " " " " " "
M-2	HO. CO. STD. MH	350.49	350.20	360.50	" " " " " " " " " " " "



APPROVED FOR PUBLIC WATER AND PRIVATE SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT.

12-22-80  
 COUNTY HEALTH OFFICER  
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
 12-31-80  
 PLANNING DIRECTOR  
 DATE  
 12-31-80  
 CHIEF DIVISION OF LAND DEVELOPMENT  
 APPROVED FOR PUBLIC WATER, SEWERAGE SYSTEMS AND PUBLIC ROADS.  
 12-31-80  
 DIRECTOR  
 DATE  
 12-31-80  
 CHIEF, BUREAU OF ENGINEERING

APPROVED  
 DIVISION OF LAND DEVELOPMENT  
 HOWARD COUNTY, MARYLAND  
 DATE 12-21-79  
 OWNER & DEVELOPER  
 O'DONNELL PONTIAC, INC.  
 ROUTES 29 & 40  
 ELLICOTT CITY, MD. 21043

Rodolph May Jr.  
 8-29-79

STORM WATER MANAGEMENT SECTIONS & DETAILS - STORM DRAIN PROFILES

PROJECT: O'DONNELL AUTO DEALERSHIP  
 LOCATION: 2ND ELECTION DISTRICT HOWARD COUNTY, MD.  
 DATE: AUGUST, 1979 DESIGN BY: W.H.N. DRAWN BY: G.M./W.N. CHECKED BY: B.L.M.  
 SCALE: AS SHOWN JOB NO.: 7027 DRAWING NO.: 30FG SDP-79-155

boender associates  
 SUITE 102 107 TOWN & COUNTRY PROFESSIONAL BUILDING  
 ELLICOTT CITY, MARYLAND 21043  
 BALTIMORE 301-468-7777 FALLSBURY 301-748-1288

engineers  
 surveyors  
 planners

SDP-79-155

**DEVELOPER'S CERTIFICATE**

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

*Thomas O'Donnell*  
DEVELOPER - MR. THOMAS O'DONNELL DATE

**ENGINEER'S CERTIFICATE**

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 BY THE HOWARD SOIL CONSERVATION DISTRICT.

*Rodolph May Jr.*  
ENGINEER DATE 5-24-79

**SITE ANALYSIS**

TOTAL AREA = 3.23 AC.  
AREA DISTURBED = 3.23 AC.  
AREA PAVED = 2.96 AC. (INCLUDING BLDG. AREAS)  
AREA VEGETATED = 0.08 AC. (23,620 SQ. FT.)  
AREA UNDISTURBED = NONE

**CONSTRUCTION SEQUENCE**

1. OBTAIN GRADING PERMIT.
2. NOTIFY HOWARD COUNTY BUREAU OF LICENSE, INSPECTIONS AND PERMITS 24 HRS. PRIOR TO GRADING OPERATIONS - PH. 992-2455
3. INSTALL TEMPORARY SEDIMENT CONTROL MEASURES - P.D., S.C.E. & SEDIMENT BASIN # 1 TO BE 0.5' DEEP FOR TEMPORARY SEDIMENT STORAGE. CLEANOUT AT ELEV. 352.00
4. BEGIN EARTHWORK MAINTAINING SEDIMENT CONTROL MEASURES
5. INSTALL WATER AND SEWER CONNECTIONS.
6. INSTALL DRAINS AND INLETS. BLOCK UPSTREAM END OF PIPE AT END OF WORK EACH DAY. BLOCK ALL INLETS
7. INSTALL UNDERGROUND STORM WATER MANAGEMENT.
8. STABILIZE PAVING AREA WITH BASE COURSE AND LANDSCAPE AREAS WITH TEMPORARY OR PERMANENT STABILIZATION MEASURES.
9. CONSTRUCT BLDG & PAVING. COMPLETE THE PERMANENT STABILIZATION MEASURES.
10. REMOVE TEMP. SEDIMENT CONTROL MEASURES WITH APPROVAL OF THE HOWARD COUNTY BUREAU OF LICENSE, INSPECTIONS AND PERMITS.

APPROVED FOR PUBLIC WATER AND PRIVATE SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT.

*Joseph Bondus* 12-22-80  
COUNTY HEALTH OFFICER DATE

*Donald Hamish* 12-31-80  
PLANNING DIRECTOR DATE

*Phillip Huseman* 12-31-80  
CHIEF DIVISION OF LAND DEVELOPMENT DATE

APPROVED FOR PUBLIC WATER, SEWERAGE AND PUBLIC ROADS.  
STORM DRAINAGE

*Deane F. Neumeys* 12-31-80  
DIRECTOR DATE

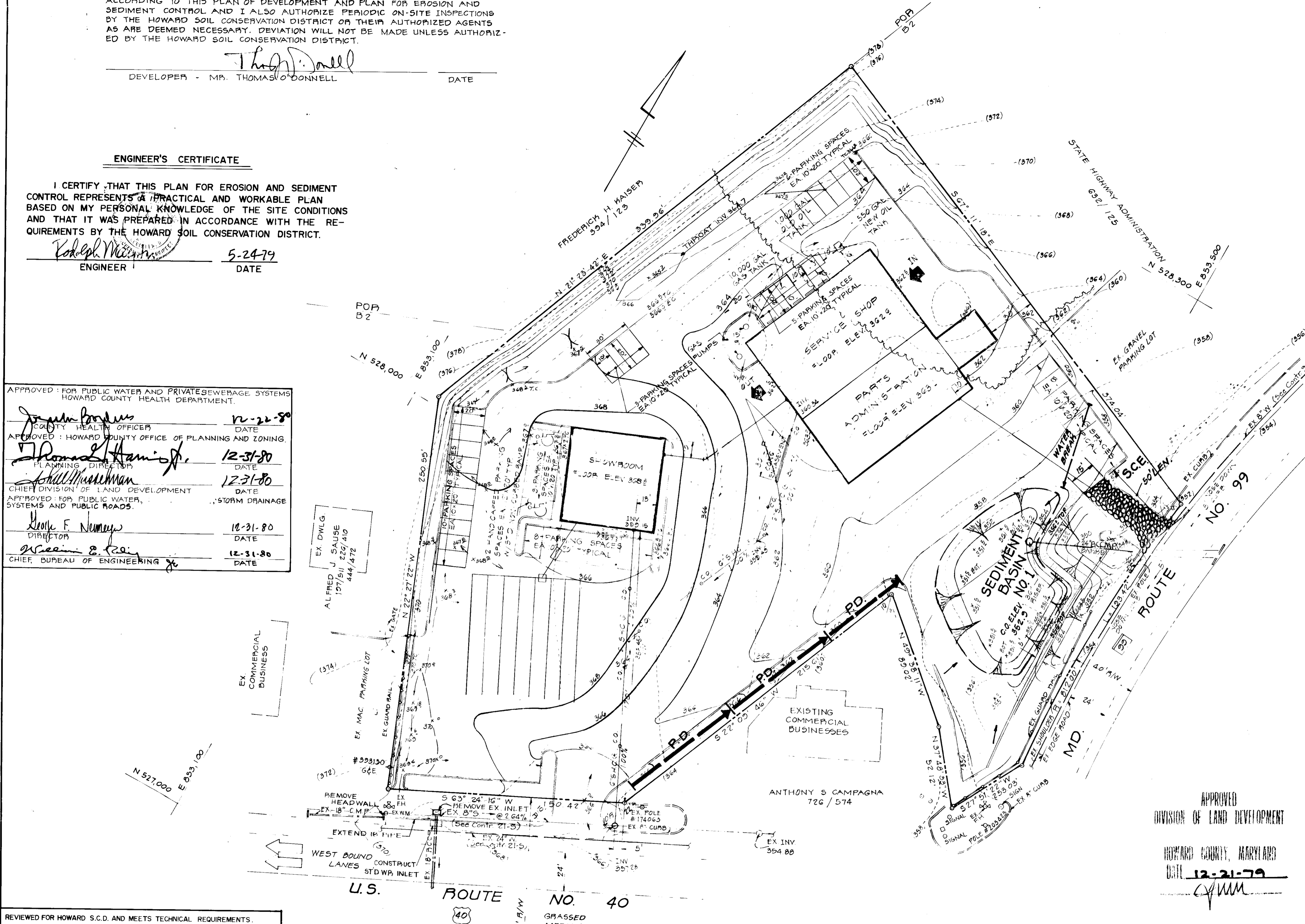
*William E. Co.* 12-31-80  
CHIEF, BUREAU OF ENGINEERING DATE

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

*James M. DeLoe* 1-10-80  
U.S. SOIL CONSERVATION SERVICE DATE

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

*William J. Rouse* 1-9-80  
HOWARD SOIL CONSERVATION DISTRICT DATE

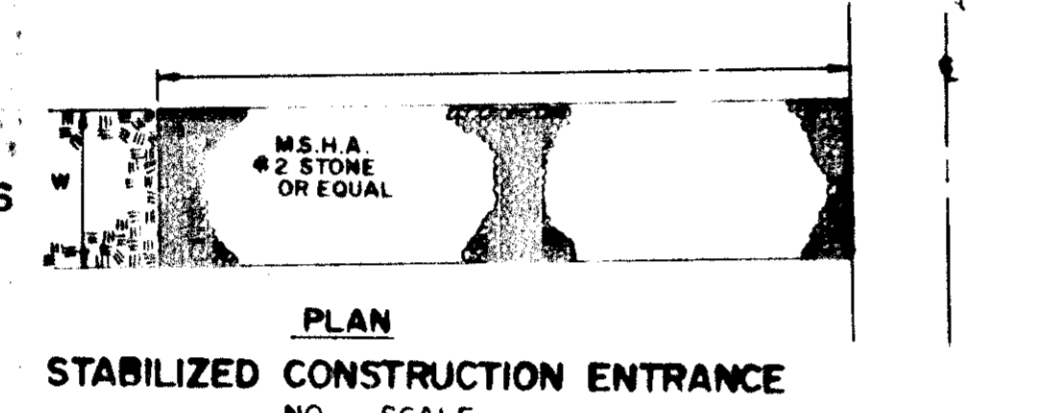
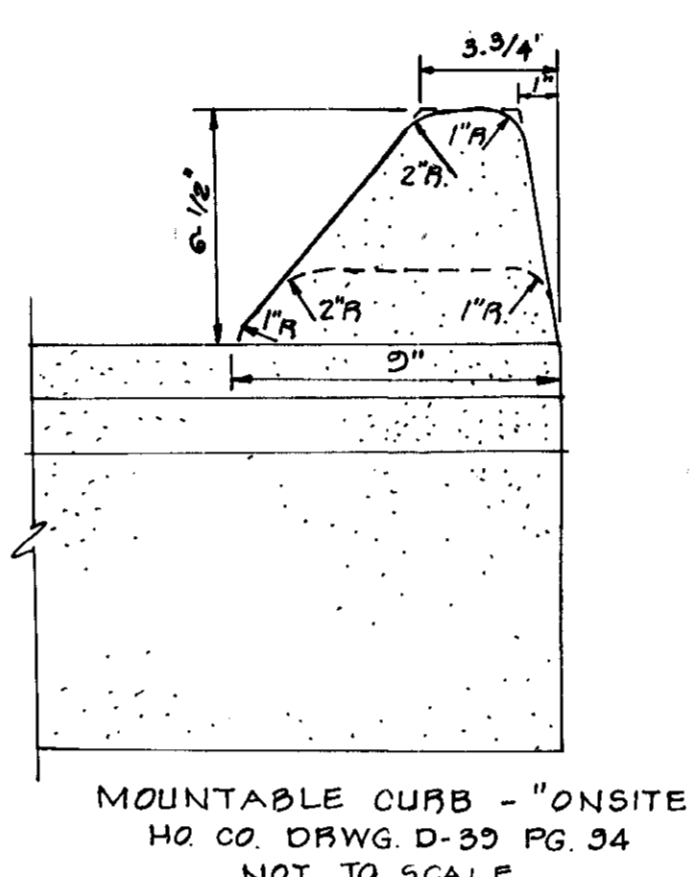
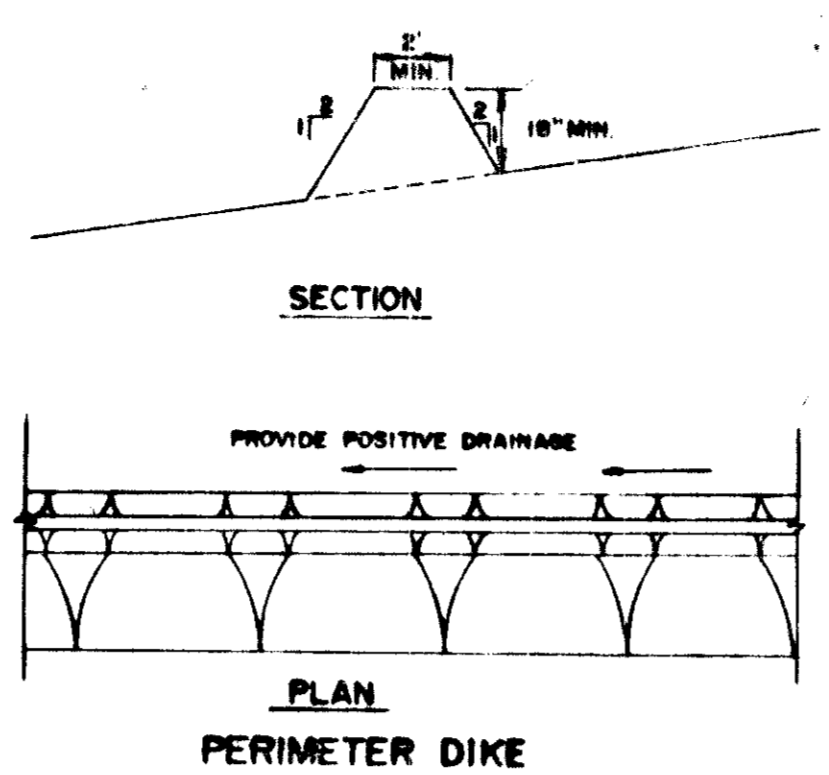
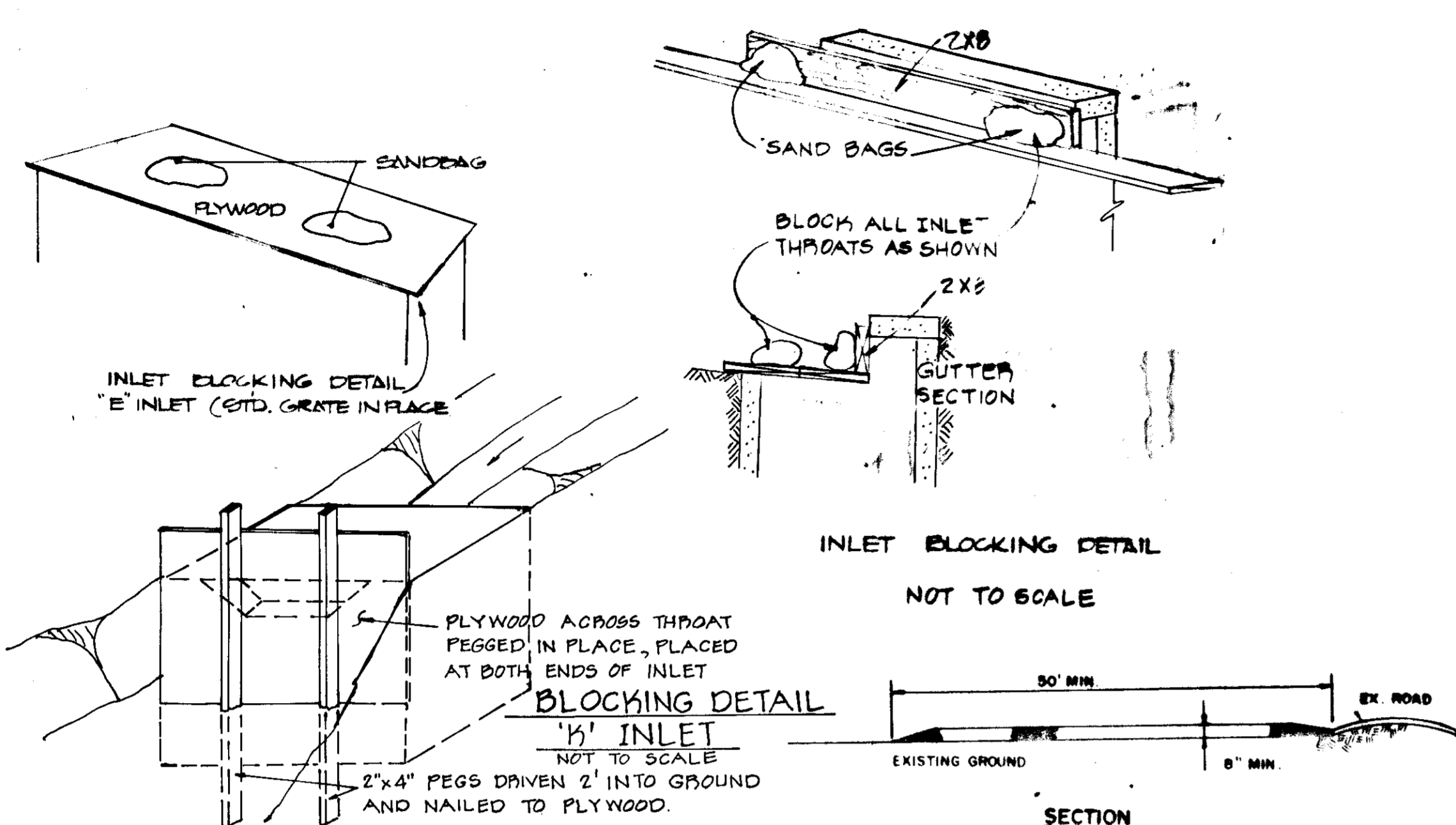


APPROVED  
DIVISION OF LAND DEVELOPMENT  
HOWARD COUNTY, MARYLAND  
DATE 12-21-79  
*JMM*

*Rodolph May Jr.*  
OWNER & DEVELOPER  
O'DONNELL PONTIAC, INC.  
ROUTES 29 & 40  
ELLCOTT CITY, MD. 21043

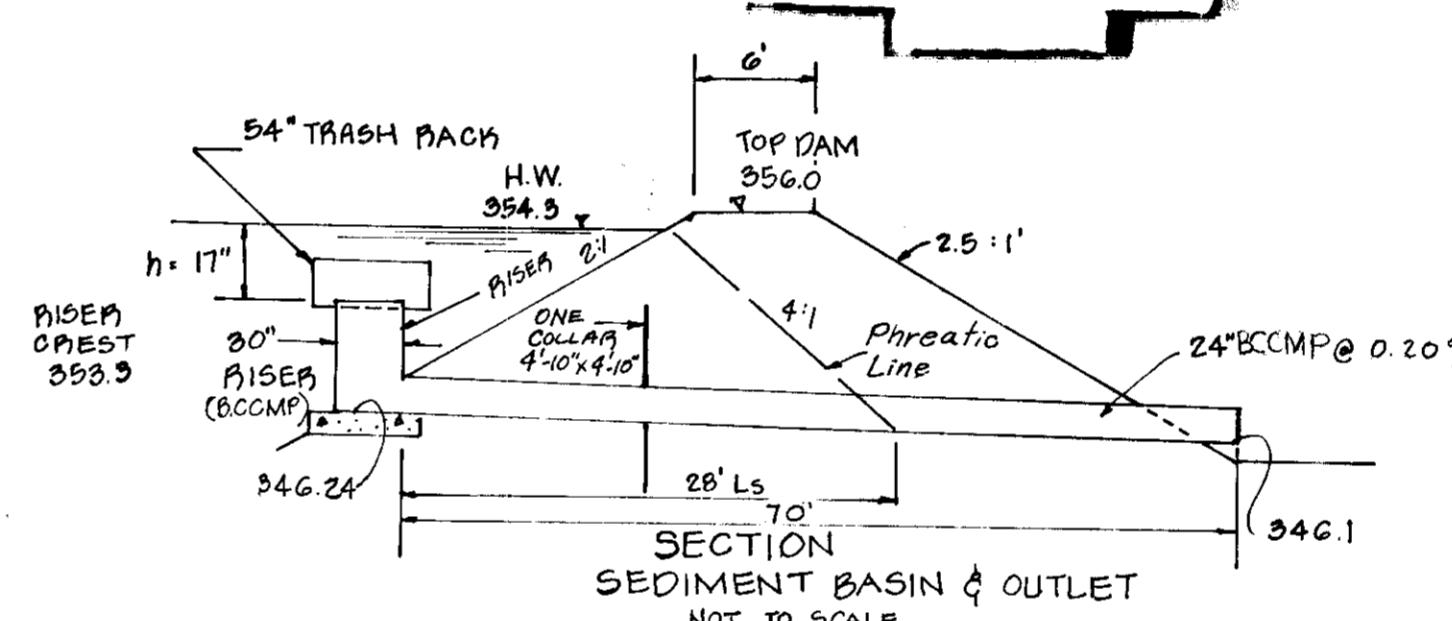
TITLE <b>SEDIMENT CONTROL PLAN</b>			
PROJECT <b>O'DONNELL AUTO DEALERSHIP</b>			
LOCATION 2ND ELECTION DISTRICT HOWARD COUNTY, MD.			
DATE APRIL, 1979	DESIGN BY W.H.N.	DRAWN BY W.H.N.	CHECKED BY P.L.M.
SCALE 1" = 30'	JOB NO. 7927	DRAWING NO. 4 OF 6	<b>SDP-79-155</b>
boender associates SUITE 102-107 TOWN & COUNTRY PROFESSIONAL BUILDING ELLCOTT CITY, MARYLAND 21043 BALTIMORE 301-468-7777 SALISBURY 301-748-1286			engineers surveyors planners

11-26-80 ADD PRIVATE SEWERAGE DISPOSAL AREA FOR SHOWROOM, REVISE PROPERTY GRADIES.  
1-7-80 REVISED 30' SETBACK LINE FROM MD. RTE. 79 & ADDED TREES AS REQUESTED  
BY HG CO. CRK. BY C.M. CHK. P.L.M.



**PAVING DETAIL**  
PRIVATE ROAD

HQ. CO. DRWG. D-4	PAGE 59
BITUMINOUS CONC. SURFACE	1" BAND C-3
BITUMINOUS CONC. BINDER	2 1/2" BAND C-2
CRUSHER RUN BASE	7"



**HOWARD COUNTY ROAD CONSTRUCTION DETAIL**

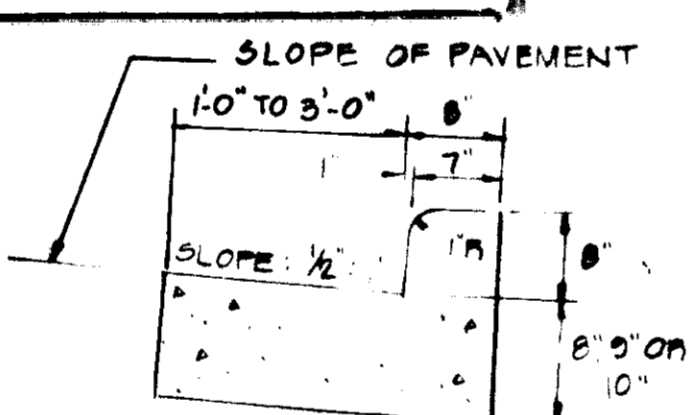
CLEARING AND GRADING: ARTICLE C1  
SUBGRADE: ARTICLE C2  
BASE COURSE: ARTICLE C2B  
BINDER COURSE: ARTICLE C31 OR C33  
SURFACE COURSE: ARTICLE C31  
TO BE CONSTRUCTED IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND SPECIFICATIONS PAVING SPECIFICATIONS.

1. BASE WILL BE FINISHED IN ACCORDANCE WITH SECTION C-30.3 AS PROVIDED IN THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.

2. TACK COAT IS IN ACCORDANCE WITH SECTION C-31-4 OF THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.

HO CO DRWG. D-4 PAGE 59

- STANDARD SYMBOLS**
- DIVERSION DIKE
  - INTERCEPTOR DIKE
  - PERIMETER DIKE
  - SILT FENCE
  - INTERCEPTOR SWALE
  - PERIMETER SWALE
  - STABILIZED CONSTRUCTION ENTRANCE
  - STONE OUTLET STRUCTURE
  - GRADE STABILIZATION STRUCTURE
  - CHUTE OR FLUME
  - RIGID PIPE SLOPE DRAIN
  - FLEXIBLE PIPE SLOPE DRAIN
  - DIVERSION
  - GRASSED WATERWAY
  - LEVEL SPREADER
  - SUBSURFACE DRAIN



**STATE OF MARYLAND STANDARD COMBINATION CURB & GUTTER**  
STANDARD NO. MD-620 02  
NO SCALE

BITUMINOUS CONC. SURFACE	3" MD SHA SPEC. B
BITUMINOUS CONC. BASE	6" MD SHA SPEC. B

BITUMINOUS CONC. SURFACE	1 1/2"	3 1/2" MD SHA SPEC. B
BITUMINOUS CONC. BASE	2"	
COMPACTED PLANT MIX STABILIZED STONE AGGREGATE	12"	

**MSHA TYPICAL PAVING SECTION**  
NO SCALE

BITUMINOUS CONCRETE BASE TO BE PLACED IN TWO 3" LIFTS

**MSHA TYPICAL PAVING SECTION**  
NO SCALE

**ENGINEER'S CERTIFICATE**

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 BY THE HOWARD SOIL CONSERVATION DISTRICT.

*Polignone May Jr.* 5-28-79  
ENGINEER DATE

**WATER BREAK**

- THE WATER BREAK IS INSTALLED 30'-40' DOWNSLOPE.
- THE OUTLET END IS OPEN & EXTENDS BEYOND THE SURFACE OF THE ROAD.
- THE DEPTH IS AT LEAST 12 INCHES BELOW THE ROAD SURFACE.
- THE INLET END EXTENDS INTO THE SIDE DITCH OR CUT SLOPE.

**DEVELOPER'S CERTIFICATE**

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

*Thomas O'Donnell*  
DEVELOPER - MR. THOMAS O'DONNELL DATE

**SEDIMENT CONTROL NOTES**

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS" PREPARED BY THE U.S.D.A. SOIL CONSERVATION SERVICE.
- APPLY FOR GRADING PERMIT.
- NOTIFY THE BUREAU OF LICENSE INSPECTIONS AND PERMITS 24 HRS. PRIOR TO GRADING OPERATIONS.
- CONSTRUCTION SHALL ADHERE TO THE CONSTRUCTION SEQUENCE.
- CUT AND FILL SLOPES SHALL BE 2:1 MAXIMUM.
- ELEVATIONS MARKED THUS (X) SHALL BE FINISHED GRADE.
- ANY EXCESS MATERIAL SHALL BE STOCKPILED IN A CLEARED LOCATION ON SITE WHICH IS PROTECTED BY SEDIMENT CONTROL STRUCTURE(S). MAXIMUM FILL SLOPE SHALL BE 3:1. STOCKPILED MATERIAL SHALL BE STABILIZED ACCORDING TO SEEDING SPECIFICATIONS BELOW.
- SEDIMENT CONTROL STRUCTURES SHALL BE REMOVED ONLY WITH PERMISSION OF THE BUREAU OF LICENSE, INSPECTIONS AND PERMITS.
- STABILIZATION MEASURES:
  - TEMPORARY STABILIZATION:
    - APPLY 2000 LBS./AC. OR 46 LBS. OF PULVERIZED DOLOMIC LIMESTONE, 500 LBS./AC. OR 115 LBS./1000 SQ. FT. OF 10-10-10 FERTILIZER. PLANT WITH RYEGRASS AT 40 LBS./AC. MULCH ALL DISTURBED AREAS IMMEDIATELY AFTER GRADING.
  - PERMANENT STABILIZATION:
    - APPLY 2000 LBS./AC. OF PULVERIZED DOLOMIC LIMESTONE, 800 LBS./AC. OF 10-10-10 FERTILIZER.
    - SEED: 85 LBS./AC. OF KENTUCKY 31 TALL FESCUE, 40 LBS./AC. OF KENTUCKY BLUE GRASS, 25 LBS./AC. OF ANNUAL RYEGRASS.
- NOTE: SEEDING MAY BE DONE BETWEEN MARCH 1 - MAY 1, OR AUG. 1 - OCT. 1 ONLY.
- MULCH: 2 TONS/AC. OF UNWEATHERED WHEATSTRAW. TIE MULCH DOWN WITH 400 GAL./AC. OF LIQUID ASPHALT.
- ON FILL SLOPES GREATER THAN 3:1 & NOTED - [Symbol] APPLY CUTTINGS OF COMMON PERIWINKLE @ 12" SPACING BETWEEN PLANTS. USE CENTER HOLE PLANTING MIX 10Z. OF 10-10-10 FERTILIZER WITH SOIL AT BOTTOM OF EACH PLANTING HOLE. ADD TO THE PLANTING HOLE ORGANIC MATERIAL. THE ENTIRE SLOPE SHALL BE SEEDED WITH 40#/AC. ANNUAL RYEGRASS AND COVERED WITH A PROTECTIVE MULCH. IF FRESH WOOD CHIPS, WOOD SHAVINGS OR SAWDUST IS USED AS MULCH, SUBSTITUTE SLOW RELEASE FERTILIZER 7-40-6 OR 38-0-0 FOR 10-10-10 SPECIFIED ABOVE.
- ON ALL OTHER FILL SLOPES GREATER THAN 3:1, SUBMIT THE FOLLOWING @ MIX APPLY 15 LBS./ACRE INNOCULATED CROWN VETCH FOR THE ABOVE.

**APPROVED FOR PUBLIC WATER AND PRIVATE SEWERAGE SYSTEMS**  
HOWARD COUNTY HEALTH DEPARTMENT.

*James B. [Signature]* 12-31-80  
COUNTY HEALTH OFFICER DATE

*Thomas [Signature]* 12-31-80  
APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING DATE

*William [Signature]* 12-31-80  
PLANNING DIRECTOR DATE

*John F. Nemmy* 12-31-80  
CHIEF DIVISION OF LAND DEVELOPMENT DATE

*William [Signature]* 12-31-80  
APPROVED FOR PUBLIC WATER, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, DEPARTMENT OF PUBLIC WORKS DATE

*John F. Nemmy* 12-31-80  
DIRECTOR DATE

*William [Signature]* 12-31-80  
CHIEF BUREAU OF ENGINEERING DATE

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

*James [Signature]* 1-10-80  
US SOIL CONSERVATION SERVICE DATE

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

*William [Signature]* 1/9/80  
HOWARD SOIL CONSERVATION DISTRICT DATE

**BOENDER ASSOCIATES, INC.**  
SUITE 101-107  
TOWN & COUNTRY PROFESSIONAL BLDG.  
ELLCOTT CITY, MD. 21043

**PUBLIC ROAD CONSTRUCTION DETAILS**

OWNER & DEVELOPER: O'DONNELL PONTIAC, INC. ROUTES 29 & 40, ELLCOTT CITY, MD. 21043

**SEDIMENT CONTROL DETAILS**

PROJECT: O'DONNELL AUTO DEALERSHIP

LOCATION: 2ND ELECTION DISTRICT HOWARD COUNTY, MD.

DATE: MAY, 1979 DES. BY: W.N. DRAWN BY: G.M. CHECKED BY: R.L.M.

SCALE: AS SHOWN JOB NO. 7927 DRWG. NO. 5 OF 6

DATE: 5-28-79

**SDP-79-155**

ENGINEERING PLANNING SURVEYING BY **BOENDER ASSOCIATES, INC.**

*Polignone May Jr.* 5-28-79  
DATE

**SDP-79-155**

APPROVED FOR PUBLIC WATER AND PRIVATE SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT.

*James Bond* 12-22-80  
COUNTY HEALTH OFFICER DATE

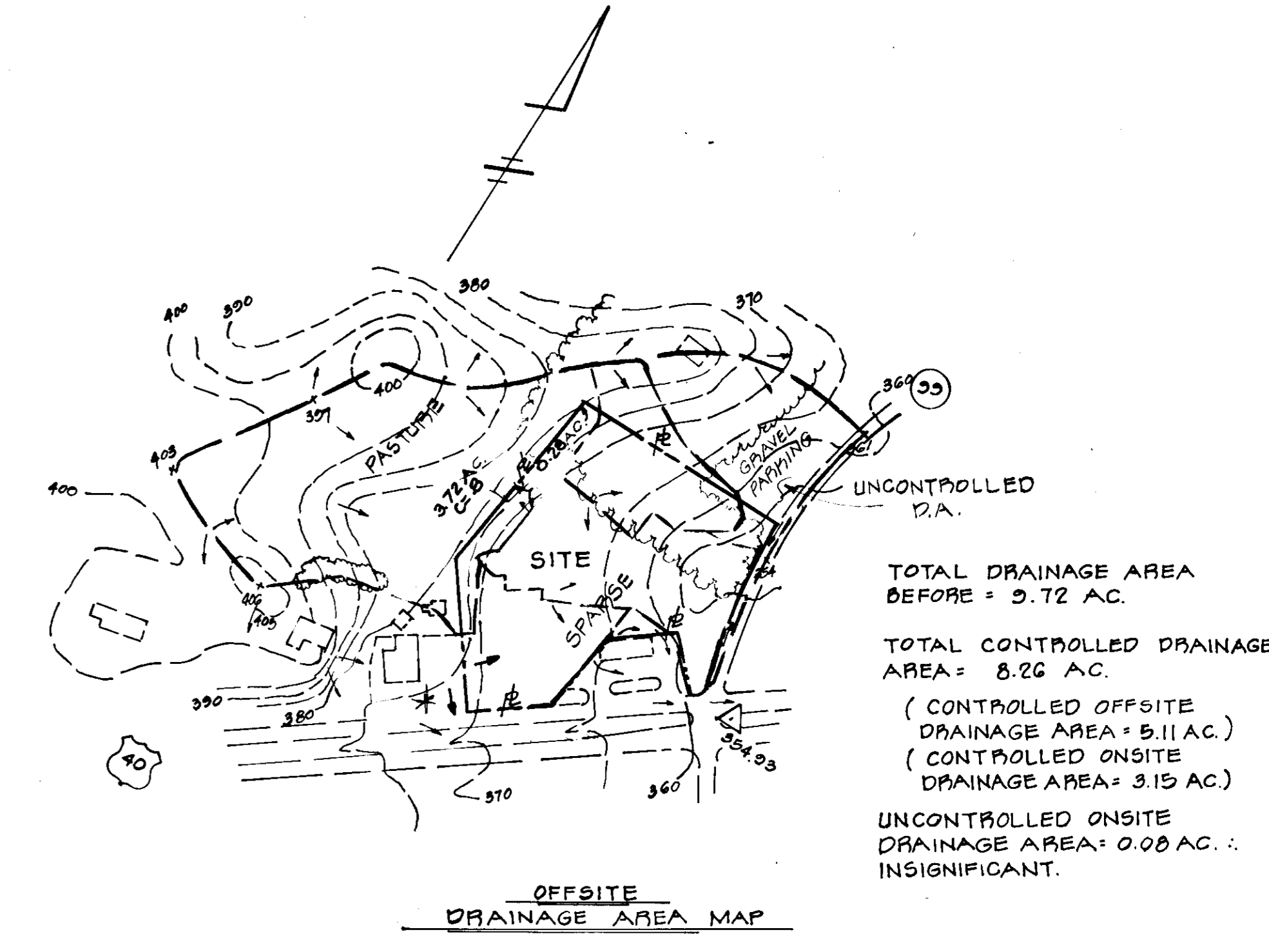
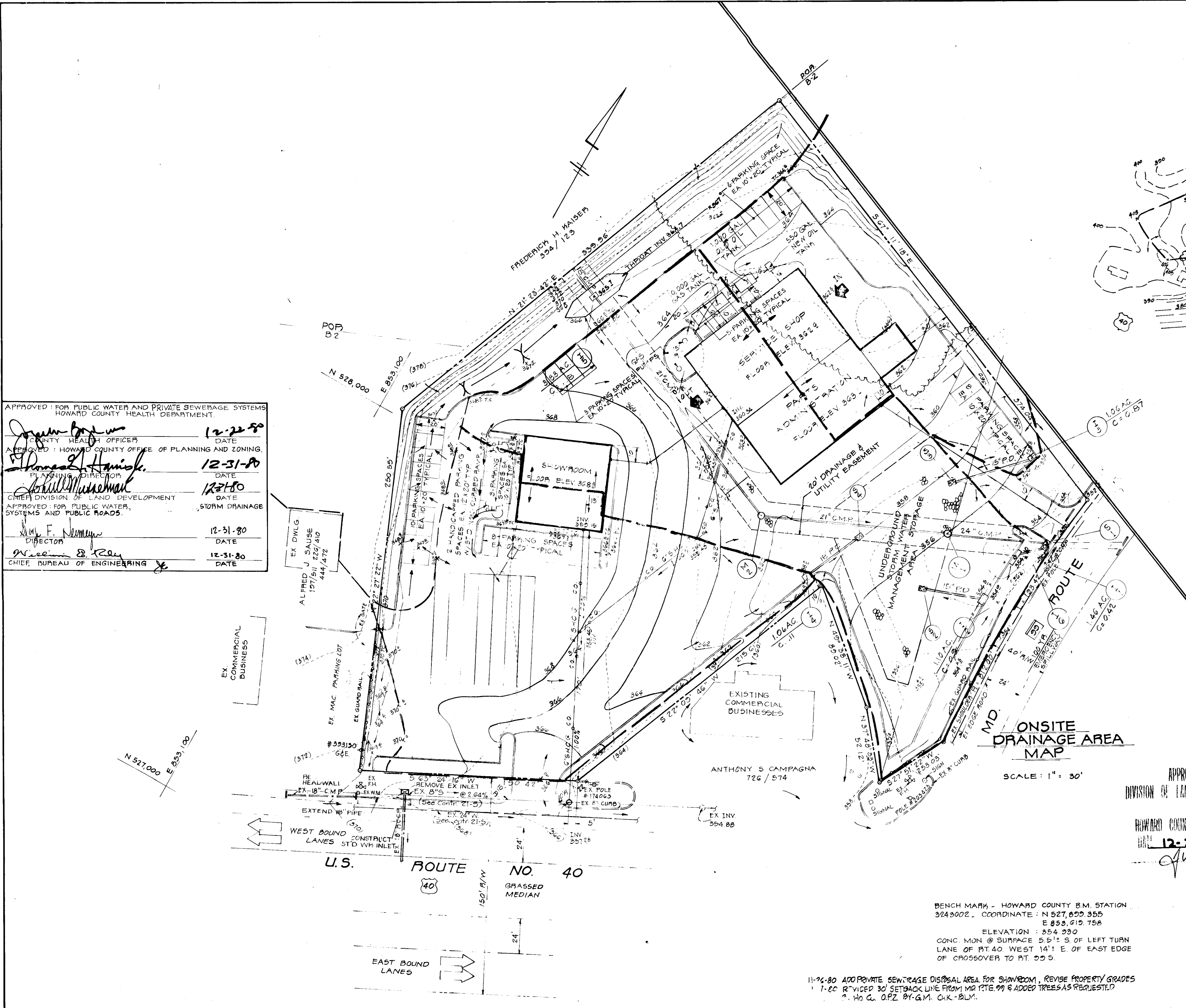
*Thomas L. Hamish* 12-31-80  
APPROVED FOR PLANNING AND ZONING  
PLANNING DIRECTOR DATE

*Donnell M. Muehlen* 12-31-80  
CHIEF DIVISION OF LAND DEVELOPMENT DATE

APPROVED FOR PUBLIC WATER,  
SYSTEMS AND PUBLIC ROADS. STORM DRAINAGE

*William F. Neuman* 12-31-80  
DIRECTOR DATE

*William E. Reay* 12-31-80  
CHIEF, BUREAU OF ENGINEERING DATE



TOTAL DRAINAGE AREA BEFORE = 5.72 AC.

TOTAL CONTROLLED DRAINAGE AREA = 8.26 AC.

(CONTROLLED OFFSITE DRAINAGE AREA = 5.11 AC.)

(CONTROLLED ONSITE DRAINAGE AREA = 3.15 AC.)

UNCONTROLLED ONSITE DRAINAGE AREA = 0.08 AC. INSIGNIFICANT.

SCALE: 1" = 200'

**ONSITE DRAINAGE AREA MAP**

SCALE: 1" = 30'

APPROVED  
DIVISION OF LAND DEVELOPMENT

HOWARD COUNTY, MARYLAND  
DATE: 12-21-79



*William E. Reay*  
OWNER & DEVELOPER 5-24-79

O'DONNELL PONTIAC, INC.  
ROUTES 29 & 40  
ELLCOTT CITY, MD. 21043

BENCH MARK - HOWARD COUNTY B.M. STATION  
3243002. COORDINATE: N 527,622.355  
E 853,612.758  
ELEVATION: 854.990  
CONC. MON @ SURFACE 5.5' S. OF LEFT TURN  
LANE OF RT. 40 WEST 14' E. OF EAST EDGE  
OF CROSSOVER TO RT. 29 S.

11-24-80 ADD PRIVATE SEWERAGE DISPOSAL AREA FOR SHOWROOM, REVISE PROPERTY GRADES  
1-60 R'VISED 30' SETBACK LINE FROM MD RTE 99 & ADDED TREES AS REQUESTED  
2. HO C. O.P.Z BY G.M. CHK. - B.L.M.

TITLE				
<b>DRAINAGE AREA MAPS</b>				
<b>PROJECT</b> O'DONNELL AUTO DEALERSHIP				
<b>LOCATION</b> 2ND ELECTION DISTRICT HOWARD COUNTY, MD.				
<b>DATE:</b> MAY 1979	<b>DESIGN BY:</b> W.H.N.	<b>DRAWN BY:</b> W.H.N.	<b>CHECKED BY:</b> P.L.M.	
<b>SCALE:</b> AS SHOWN	<b>JOB NO.:</b> 7927	<b>DRAWING NO.:</b> 6 OF 6	<b>SDP-79-155</b>	
<b>boender associates</b> SUITE 102-107 TOWN & COUNTRY PROFESSIONAL BUILDING ELLCOTT CITY, MARYLAND 21043 BALTIMORE 301-468-7377, SALISBURY 301-748-1288			engineers surveyors planners	

SDP-79-155