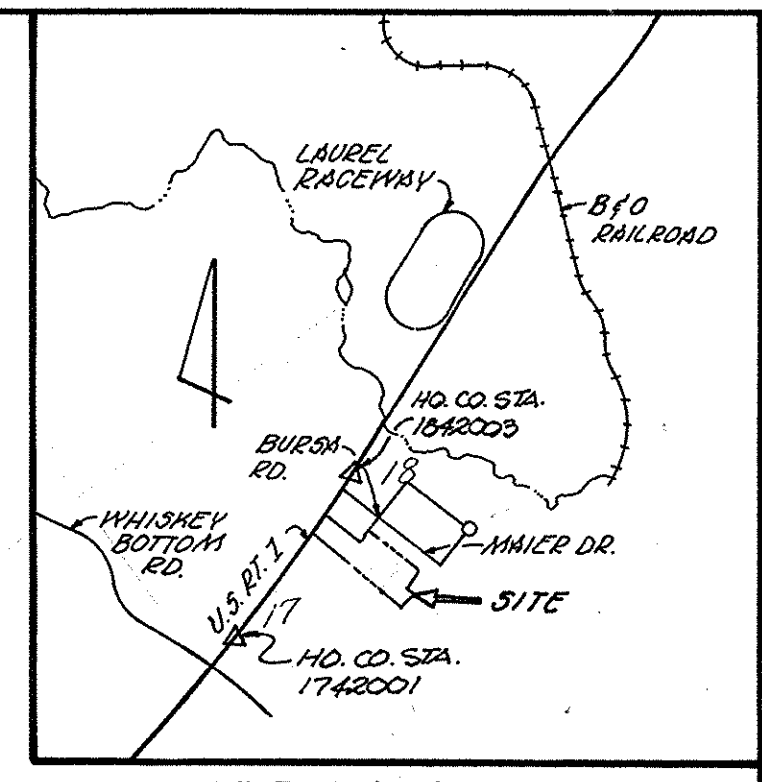


DATE	REVISION	BY
5-20-89	ADJUSTMENTS - D.P.F. 2, PUBLIC	JCO
5-23-89	S.C.S. COMMENTS - 7/29/89	JCO
5-27-89	S.H.G. ADJUSTMENT TANK	JCO
5-27-89	LOCATIONS, GAS LINE LOCATION	JCO
1-14-91	ADJUST H.C. SPACES	JCO
5-28-91	REUSE S.D. (AG-BUILT)	JCO
3-11-07	REDLINE REVISION #1 MINOR ROAD ADJUSTMENT	
6-8-15	REDLINE REVISION #2 REMOVED TANKS & ISLAND	FSH

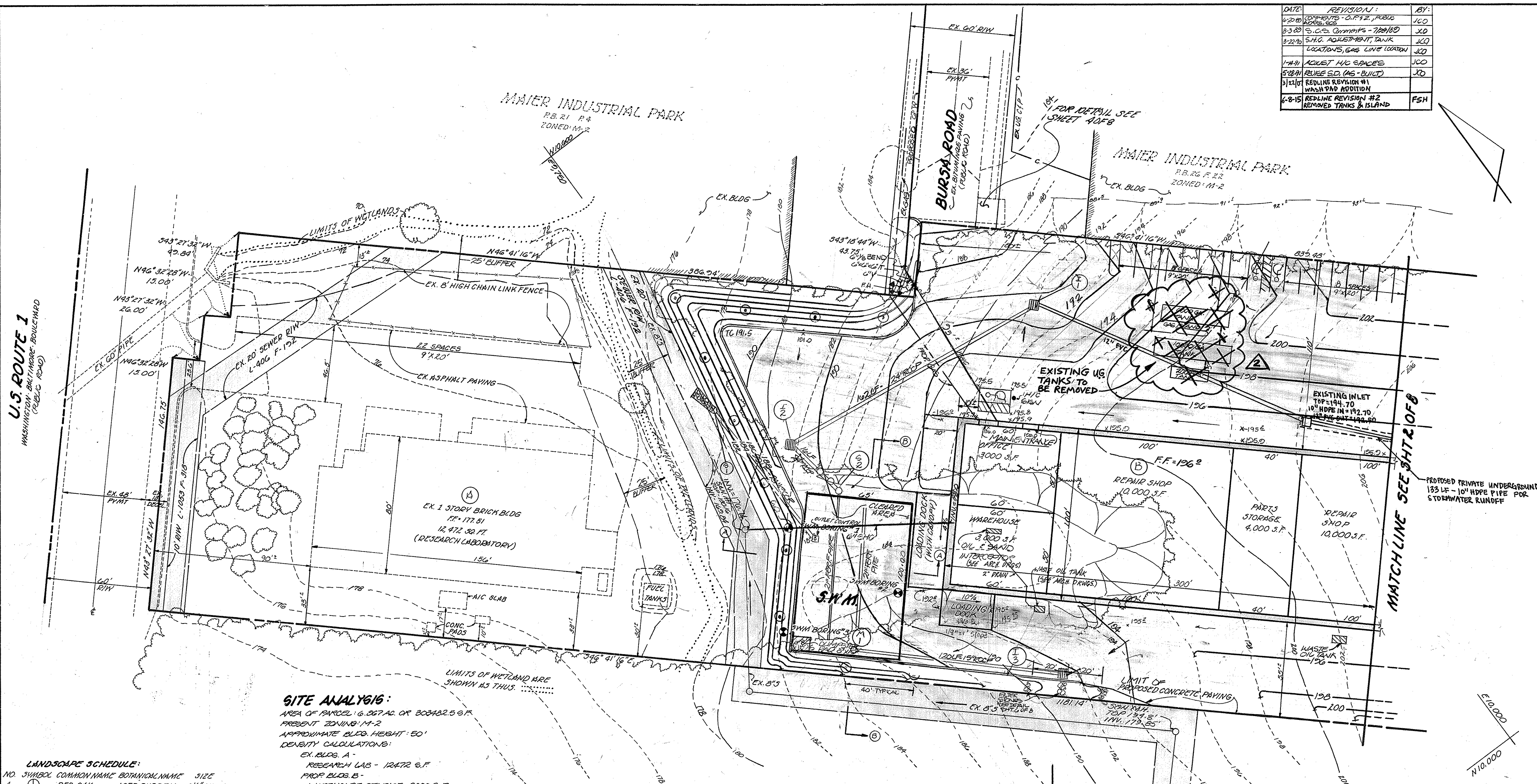


VICINITY MAP SCALE: 1"=2000'

**GENERAL NOTES**

- TAX MAP: 47 PARCEL: 542
- SUBJECT PROPERTY IS TIED TO THE MARYLAND STATE PLANE COORDINATE SYSTEM. RAHW AD. 1742.001 & 1742.003.
- PUBLIC WATER/PUBLIC SEWERAGE SYSTEMS ARE TO BE UTILIZED FOR THIS SITE. (SEE NOTE 16)
- BOUNDARY SHOWN HEREON IS BASED ON A PLAT PREPARED BY JAMES M. FOWLER ASSOC. AND SUPPLIED BY OWNER.
- TOPOGRAPHIC SURVEY SHOWN HEREON IS BASED ON A PLAT PREPARED BY JAMES M. FOWLER ASSOC. AND SUPPLIED BY OWNER.
- PROPOSED SITE USE (COMMERCIAL)
- CONTRACTOR TO VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING WORK.
- CONTRACTOR TO NOTIFY MISS UTILITY AT 1-800-437-7177, 48 HOURS PRIOR TO ANY CONSTRUCTION.
- THE CONTRACTOR OR DEVELOPER SHALL CONTRACT THE CONSTRUCTION INSPECTION DIVISION OF HOWARD CO. AT 792-7272 AT LEAST 24 HOURS PRIOR TO BEGINNING CONSTRUCTION.
- DCED REFERENCE: 455/0667
- PROPOSED STORMWATER MANAGEMENT FACILITY WILL BE PRIVATELY OWNED AND MANAGED BY OWNER/DEVELOPER
- TOTAL AREA OF SITE: 6.267 AC.
- EXISTING ZONING: M-2
- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL AND HOWARD COUNTY STANDARD SPECIFICATIONS.
- BUILDING WILL BE PROTECTED WITH AN APPROVED SPRINKLER SYSTEM.
- COMMERCIAL USE OF THE SITE WILL BE PERMITTED AND REPAIR OF EQUIPMENT.
- THERE WILL BE NO FUNCTIONAL RELATIONSHIP BETWEEN EXISTING BUILDING 'B' AND PROPOSED BUILDING 'A'.
- GENERAL AREA WILL BE USED FOR RENTAL EQUIPMENT AND VEHICLE STORAGE.
- EXTENSIVE GRADING IS NEEDED FOR MANEUVERING TO DOCK.

U.S. ROUTE 1  
WASHINGTON, BRANTON, BOULCHARD  
(PUBLIC ROAD)



**SITE ANALYSIS:**

AREA OF PARCEL: 6.267 AC. OR 208482.5 S.F.  
PRESENT ZONING: M-2  
APPROXIMATE BLDG. HEIGHT: 50'  
DENSITY CALCULATIONS:  
EX. BLDG. A:  
RESEARCH LAB - 12472 S.F.  
PROP. BLDG. B:  
WAREHOUSE STORAGE - 3000 S.F.  
OFFICE - 3000 S.F.  
REPAIR SHOP - 2000 S.F.  
PARTS STORAGE - 4000 S.F.  
TOTAL - 4000 S.F.

TOTAL BLDG. COVERAGE: 42472 S.F.  
TOTAL AREA OF PARKING LOT: 4,000 S.F. OR 70.19% OF TOTAL SITE  
TOTAL AREA OF LANDSCAPED ISLANDS: 0.28 AC. OR 7.77% OF TOTAL SITE  
TOTAL AREA OF OPENSPACE: 1.30 AC. OR 20% OF TOTAL SITE

BLDG.	USE	AREA	NO. OF EMPLOYEES	SPACES REQ'D	SPACES PROVIDED
A	RESEARCH LAB	12472 S.F.	15	11	22
B	WAREHOUSE	3000 S.F.	6	3	3
	OFFICE	3000 S.F.	12	9	40
	REPAIR SHOP	2000 S.F.	10	4	8
	PARTS STORAGE	4000 S.F.	8	76	66 INCLUDING 3 1/2 C/S SPACES
	TOTAL BLDG. B		36		
	TOTAL SITE		61	67	88

**LANDSCAPE SCHEDULE:**

NO.	SYMBOL	COMMON NAME	BOTANICAL NAME	SIZE
4	⊕	RED OAK	QUERCUS RUBRA	1 1/2" MIN. DIA. 8'-10" HT.
24	⊙	WHITE PINE	PINUS STROBUS	2 1/2" MIN. DIA. 8'-10" HT.

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

DATE: 11-22-89  
SOIL CONSERVATION SERVICE  
THIS DEVELOPMENT IS APPROVED SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

DATE: 11/21/89  
SOIL CONSERVATION DISTRICT

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

DATE: 12/8/89  
COUNTY HEALTH OFFICE

APPROVED HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

DATE: 12/24/89  
DIRECTOR

DATE: 12/10/89  
CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

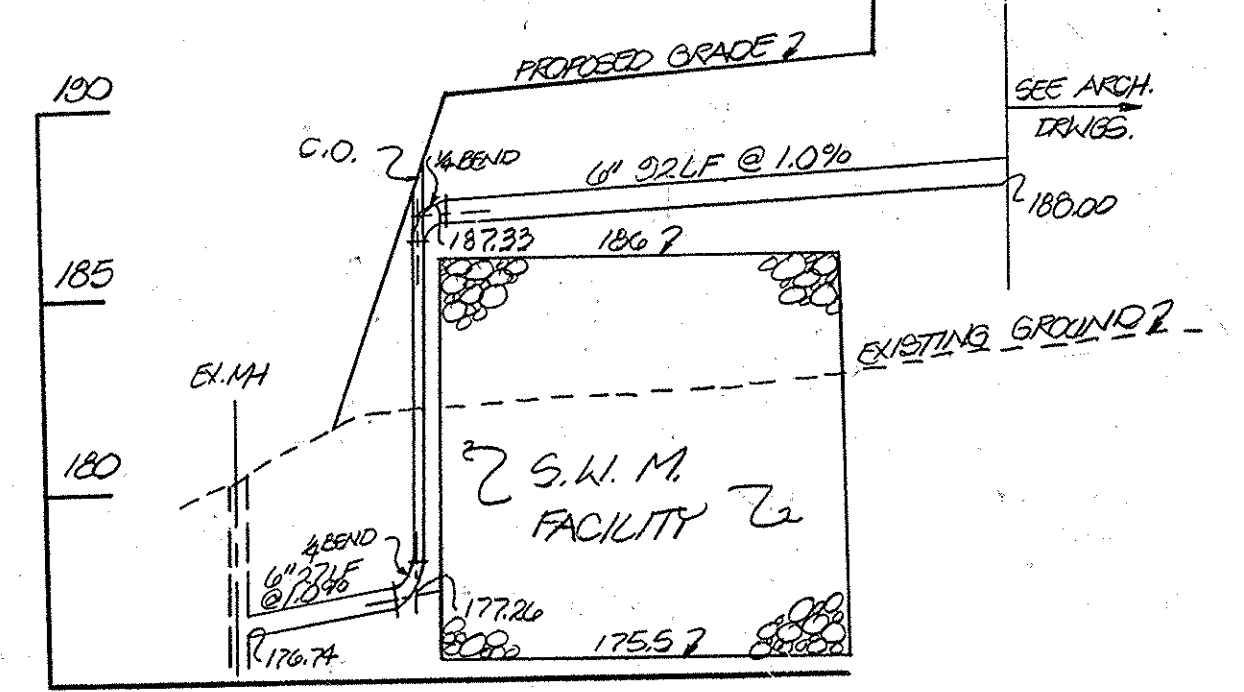
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DATE: 12/5/89  
DIRECTOR

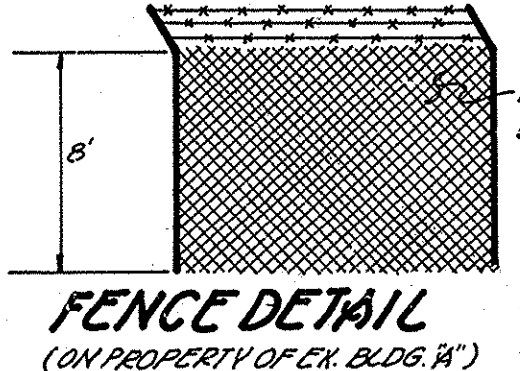
**APPROVED**  
DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT  
HOWARD COUNTY, MARYLAND

SECTION	PARCEL
MOLEAN RENTALS	542
ADDRESS: CHRYSLER	
LOT: 2108	9180 BURSA ROAD

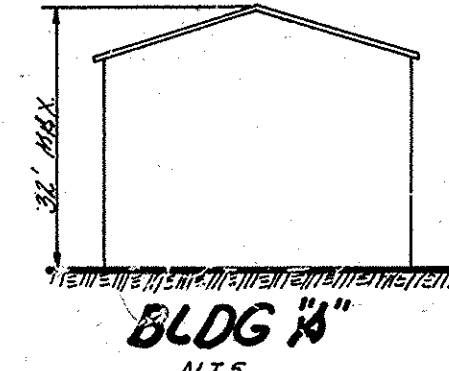
NOTE: GRADING, STRUCTURES OR THE REMOVAL OF VEGETATIVE COVER WILL NOT BE PERMITTED WITHIN THE BUFFER AREA.



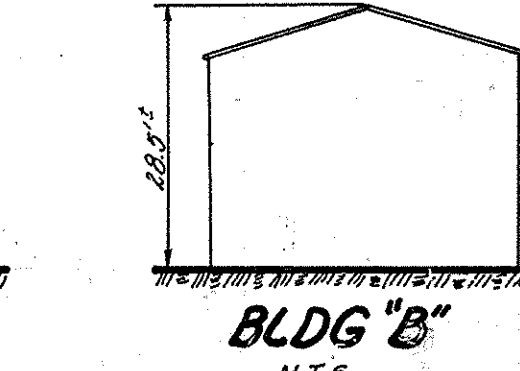
6" S.H.G. PROFILE SCALE: HORIZ: 1"=30' VERT: 1"=5'



FENCE DETAIL (ON PROPERTY OF EX. BLDG. A) N.T.S.

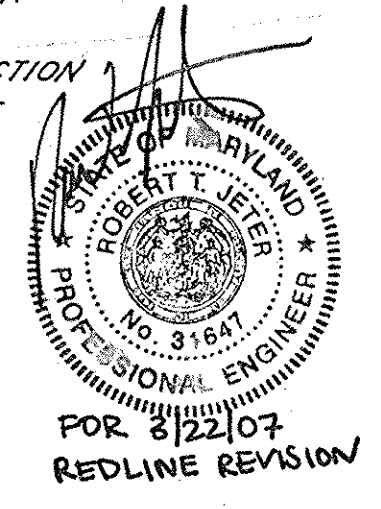
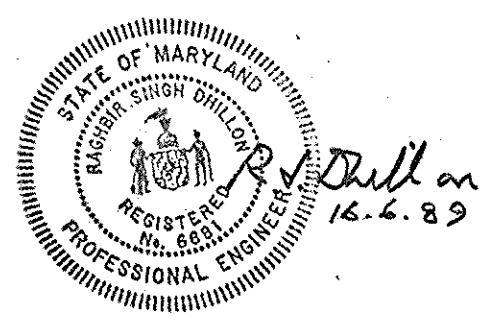


BLDG. A N.T.S.



BLDG. B N.T.S.

- SYMBOLS:**
- SOIL BORE LOCATIONS
  - STORMWATER RUNOFF DIRECTION
  - WETLANDS
  - SLOPE DIRECTION
  - RIDGE LINE

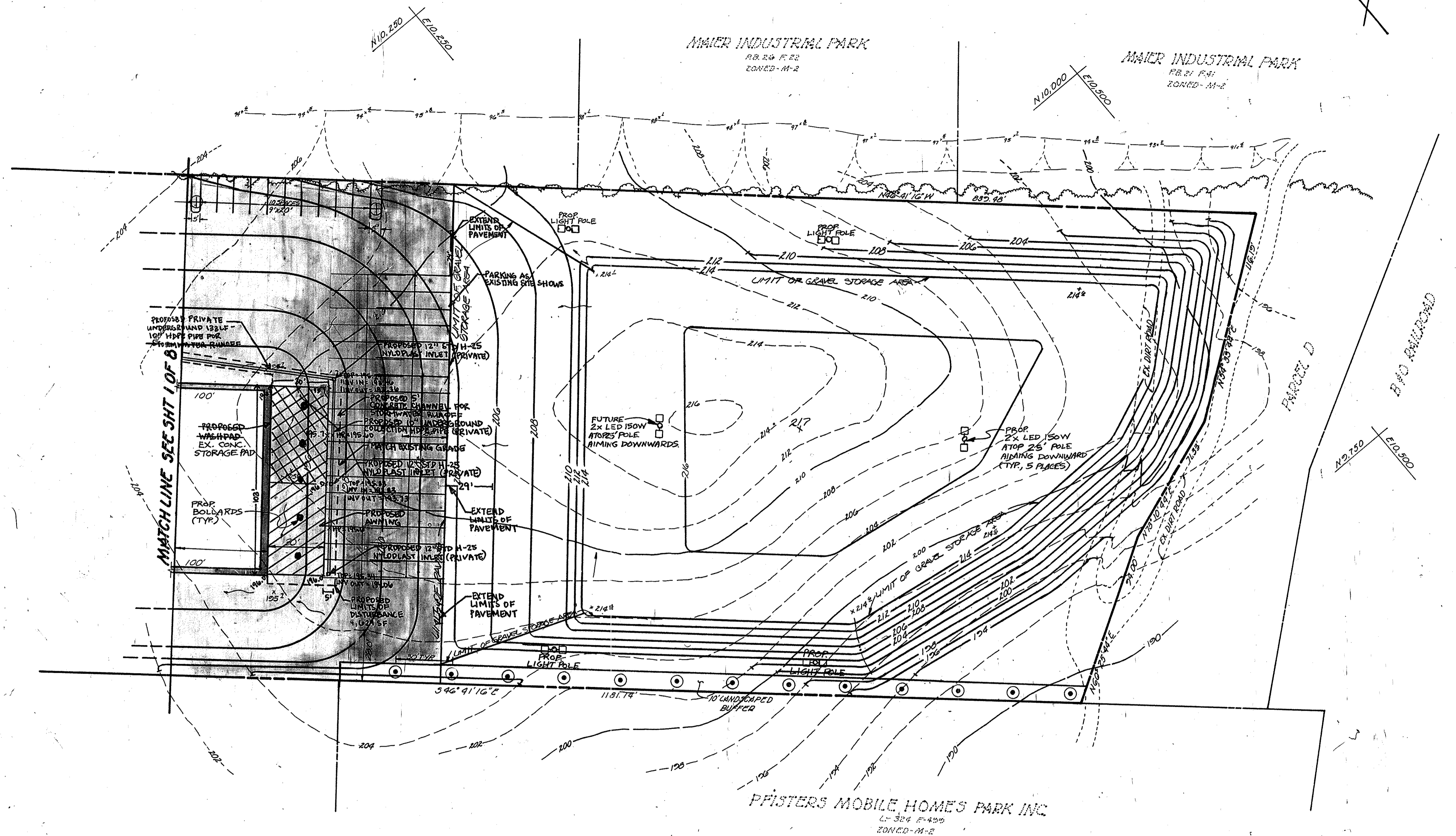


**OWNER/DEVELOPER:**  
TODD THEROS  
Mc CLEAN RENTALS INC.  
1532 SPRINGHILL ROAD  
Mc CLEAN VA. 22102  
(703) 530-8965



FOR REVISION #2  
6/25/15

<b>TITLE: SITE DEVELOPMENT PLAN</b>		<b>boender associates inc.</b>	
<b>PROJECT: McLEAN RENTALS INC.</b>		consulting engineers land surveyors land planners	
LOCATION: SDP 76-24, SDP 83-44, 1A 85-22, SDP 84-10, SDP 87-136 6 <sup>th</sup> ELECTION DISTRICT HOWARD CO., MD.			
SCALE: 1"=30'	DESIGNED BY: R.S.D.	DRAWN BY: G.WELSH	CHECKED BY: R.S.D. DATE: JUNE, 1989
FIELD BOOK:	PAGE NO.:	JOB NO.: 88134	DRAWING NO.: 1 OF 8



NOTE: FOR GENERAL NOTES AND VICINITY MAP SEE SHEET NO. 1 OF 8

**OUTSIDE LIGHTING NOTE:**  
 ALL OUTSIDE LIGHTING SHALL COMPLY WITH SECTION 134.0 OF THE ZONING REGULATION, WHICH REQUIRES LIGHTS TO BE INSTALLED TO DIRECT/REFLECT LIGHT DOWNWARDS AND INWARDS ON THE SITE AND AWAY FROM ALL ADJOINING PROPERTIES. LIGHT TRESPASS LIMITS SHALL NOT APPLY TO LAND WITHIN A PUBLIC STREET RIGHT-OF-WAY OR DEVELOPED FOR NON-RESIDENTIAL USES; HOWEVER LIGHT TRESPASS ONTO A PROPERTY ZONED FOR RESIDENTIAL PURPOSES SHALL BE LIMITED TO 0.5 FOOT CANDLES.

**OWNER/DEVELOPER:**  
 TODD THEROS  
 McCLEAN RENTALS INC.  
 1552 SPRINGHILL ROAD  
 McCLEAN VA 22102  
 (703) 550-8265

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.  
 HOWARD COUNTY HEALTH DEPARTMENT  
 Director: *James M. [Signature]* DATE: 12/18/89

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING  
 Director: *[Signature]* DATE: 12/21/89

CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT  
 Director: *[Signature]* DATE: 12/18/89

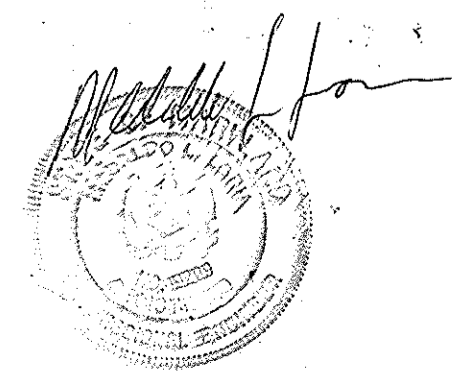
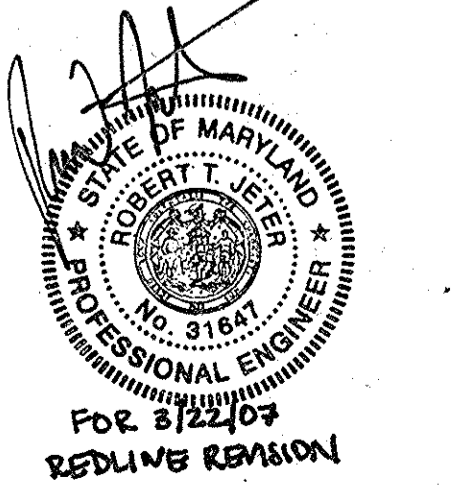
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE.  
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 Director: *[Signature]* DATE: 12-5-89

CHIEF BUREAU OF ENGINEERING

**APPROVED**  
 DIVISION OF  
 COMMUNITY PLANNING  
 & LAND DEVELOPMENT  
 HOWARD COUNTY,  
 MARYLAND  
 DATE: \_\_\_\_\_

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS.  
 Director: *[Signature]* DATE: 11-23-89  
 U.S. SOIL CONSERVATION SERVICE

THIS DEVELOPMENT IS APPROVED SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
 Director: *[Signature]* DATE: 11/21/89  
 SOIL CONSERVATION DISTRICT

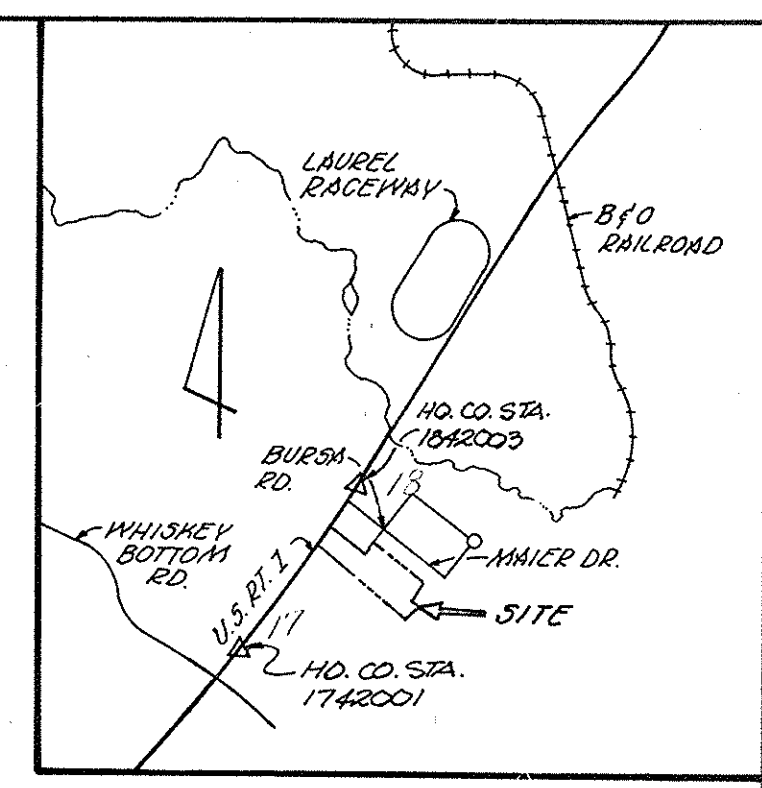


DATE	REVISION	BY
6-20-80	REVISED TO S.F.P. 2, P. 10	JCO
8-3-80	S.O.S. Comments - 7/24/80	JCO
3-22-01	REDLINE REVISION FOR WASHPAD ADDITION	
12-17-15	ADDED LIGHT POLES AND BOLLARDS	FSH

TITLE: <b>SITE DEVELOPMENT PLAN</b>			
PROJECT: <b>McCLEAN RENTALS INC.</b>			
LOCATION: SDP 76-94, SDP-25-44, VP 85-22 G. W. SDP 84-140, SDP 87-156 ELECTION DISTRICT HOWARD CO., MD.			
SCALE: 1"=30'	DESIGNED BY: R.S.D.	DRAWN BY: D. WELSH	CHECKED BY: R.S.D.
FIELD BOOK: -	PAGE NO.: -	JOB NO.: 88134	DATE: JUNE, 1989
			DRAWING NO.: 1 OF 8

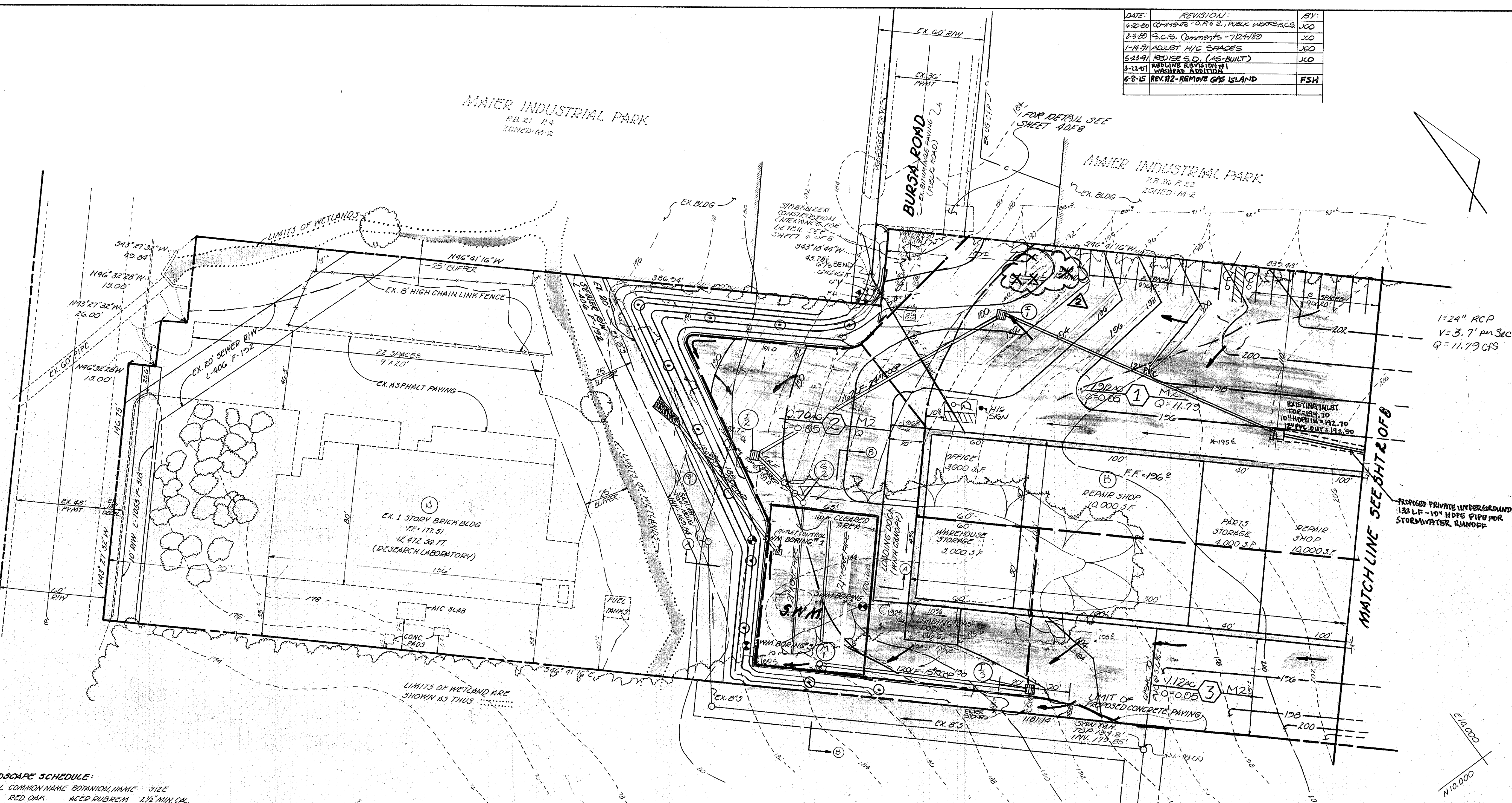
**boender associates**  
 inc.  
 consulting engineers  
 land surveyors  
 land planners  
 COURTHOUSE SQUARE  
 3565 ELLICOTT MILLS DRIVE  
 ELLICOTT CITY, MD. 21043  
 1801 465-7777

DATE	REVISION	BY
6-2-89	CONTRACT - O.P. & Z., PUBLIC WORKS	JCO
8-3-89	S.C.F. COMMENTS - 7/24/89	XO
1-4-91	ADJUST H/C SPACES	JCO
5-23-91	REVISE S.D. (AS-BUILT)	JCO
8-12-01	REDEFINE REVISION #1	
8-15	REV.#2 - REMOVE GAS ISLAND	FSH



U.S. ROUTE 1  
WASHINGTON, BROUGHTON, BOULEVARD  
(PUBLIC ROAD)

MAIER INDUSTRIAL PARK  
P.B. 21 P. 2  
ZONED M-2



1-24" RCP  
V=3.7' per Sec  
Q=11.79 CFS

**GENERAL NOTES**

- TAX MAP: 47 PARCEL: 542
- SUBJECT PROPERTY IS TIED TO THE MARYLAND STATE PLANE COORDINATE SYSTEM POINT NO. 1742001 & 1742003.
- PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS ARE TO BE UTILIZED FOR THIS SITE (SEE NOTE #16).
- BOUNDARY SHOWN HEREON IS BASED ON A PLAT PREPARED BY JAMES M. FOWLER ASSOC. AND SUPPLIED BY OWNER.
- TOPOGRAPHIC SURVEY SHOWN HEREON IS BASED ON A PLAT PREPARED BY JAMES M. FOWLER ASSOC. AND SUPPLIED BY OWNER.
- PROPOSED SITE USE (COMMERCIAL).
- CONTRACTOR TO VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING WORK.
- CONTRACTOR TO NOTIFY MISS UTILITY AT 1-800-257-7777, 48 HOURS PRIOR TO ANY CONSTRUCTION.
- THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION DIVISION OF HOWARD CO. AT 792-7272 AT LEAST 24 HOURS PRIOR TO BEGINNING CONSTRUCTION.
- DCED REFERENCE: 95510667
- PROPOSED STORMWATER MANAGEMENT FACILITY WILL BE PRIVATELY OWNED AND MANAGED BY OWNER/DEVELOPER.
- TOTAL AREA OF SITE: 6.267 AC.
- EXISTING ZONING: M-2
- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL AND HOWARD COUNTY STANDARD SPECIFICATIONS.
- BUILDINGS WILL BE PROTECTED WITH AN APPROVED SPRINKLER SYSTEM.
- COMMERCIAL USE OF THE SITE WILL BE REPAIR AND REPAIR OF EQUIPMENT.
- THERE WILL BE NO FUNCTIONAL RELATIONSHIP EXISTING BETWEEN BUILDING 'A' AND PROPOSED BUILDING 'B'.
- GRAVEL ASPHALT SHALL BE USED FOR RENTAL EQUIPMENT AND VEHICLE STORAGE.
- EXTENSIVE EROSION IS NEEDED FOR MANEUVERING TO DOCK.

**LANDSCAPE SCHEDULE:**

NO.	SYMBOL	COMMON NAME	BOTANICAL NAME	SIZE
4	⊕	RED OAK	QUERCUS RUBRA	2 1/4" MIN. CAL. 8'-10" HT.
25	⊙	WHITE PINE	PINUS STROBUS	2 1/2" MIN. CAL. 8'-10" HT.

TAM REALTY CORP.  
L-362 F-500  
ZONED M-2

NOTE: GRADING, STRUCTURES OR THE REMOVAL OF VEGETATIVE COVER WILL NOT BE PERMITTED WITHIN THE BUFFER AREA.

- SYMBOLS:**
- ⊙ SOIL BORE LOCATIONS
  - STORMWATER RUNOFF DIRECTION
  - ..... WETLANDS
  - SLOPE DIRECTION
  - RIDGE LINE

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS  
*James M. Stelman* 11-22-89  
U.S. SOIL CONSERVATION SERVICE  
DATE

THE DEVELOPMENT IS APPROVED SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT  
*John K. Fletcher* 4/21/89  
SOIL CONSERVATION DISTRICT  
DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT  
*James M. Bond* per *John* 12/18/89  
COUNTY HEALTH OFFICER  
DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING  
*James M. Bond* 12/21/89  
DIRECTOR  
DATE

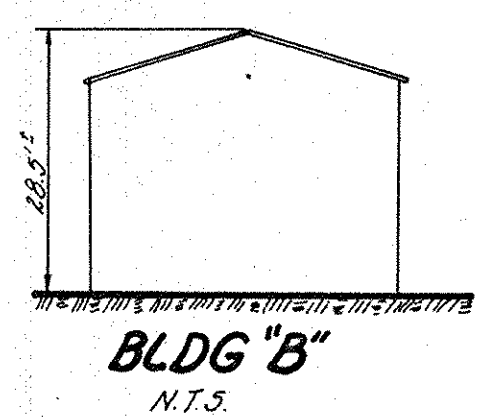
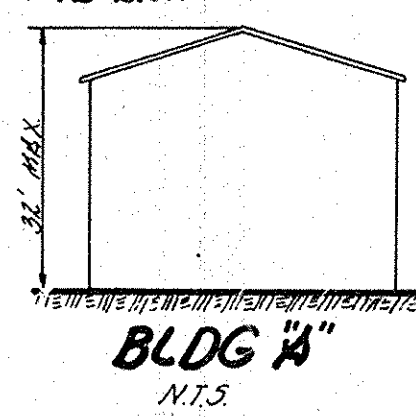
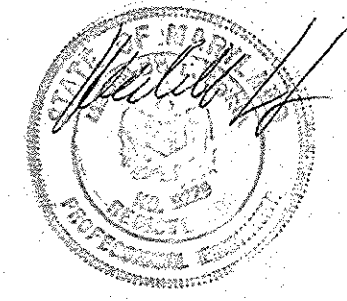
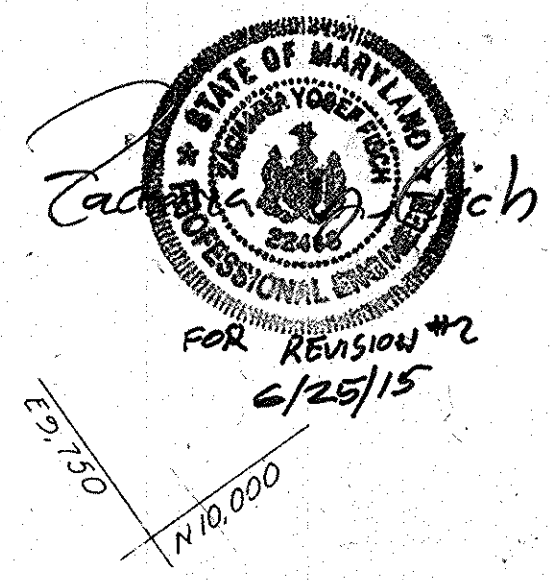
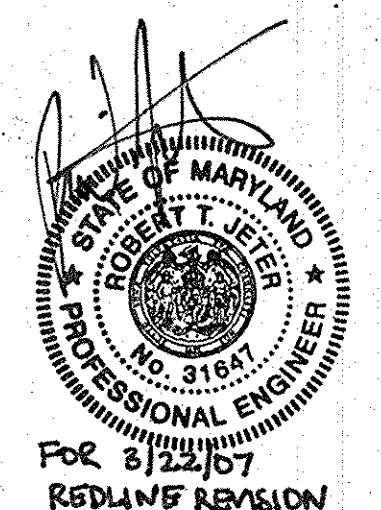
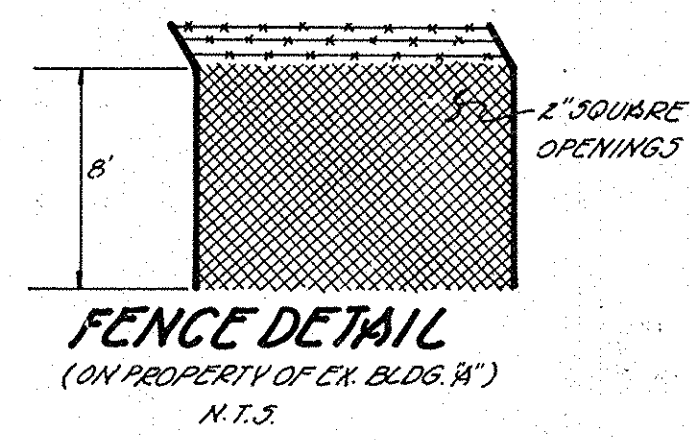
CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT  
*James M. Bond* 12/21/89  
DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*James M. Bond* 12/21/89  
DIRECTOR  
DATE

CHIEF-BUREAU OF ENGINEERING  
*James M. Bond* 12-2-89  
DATE

**APPROVED**  
DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT  
HOWARD COUNTY, MARYLAND  
DATE: \_\_\_\_\_

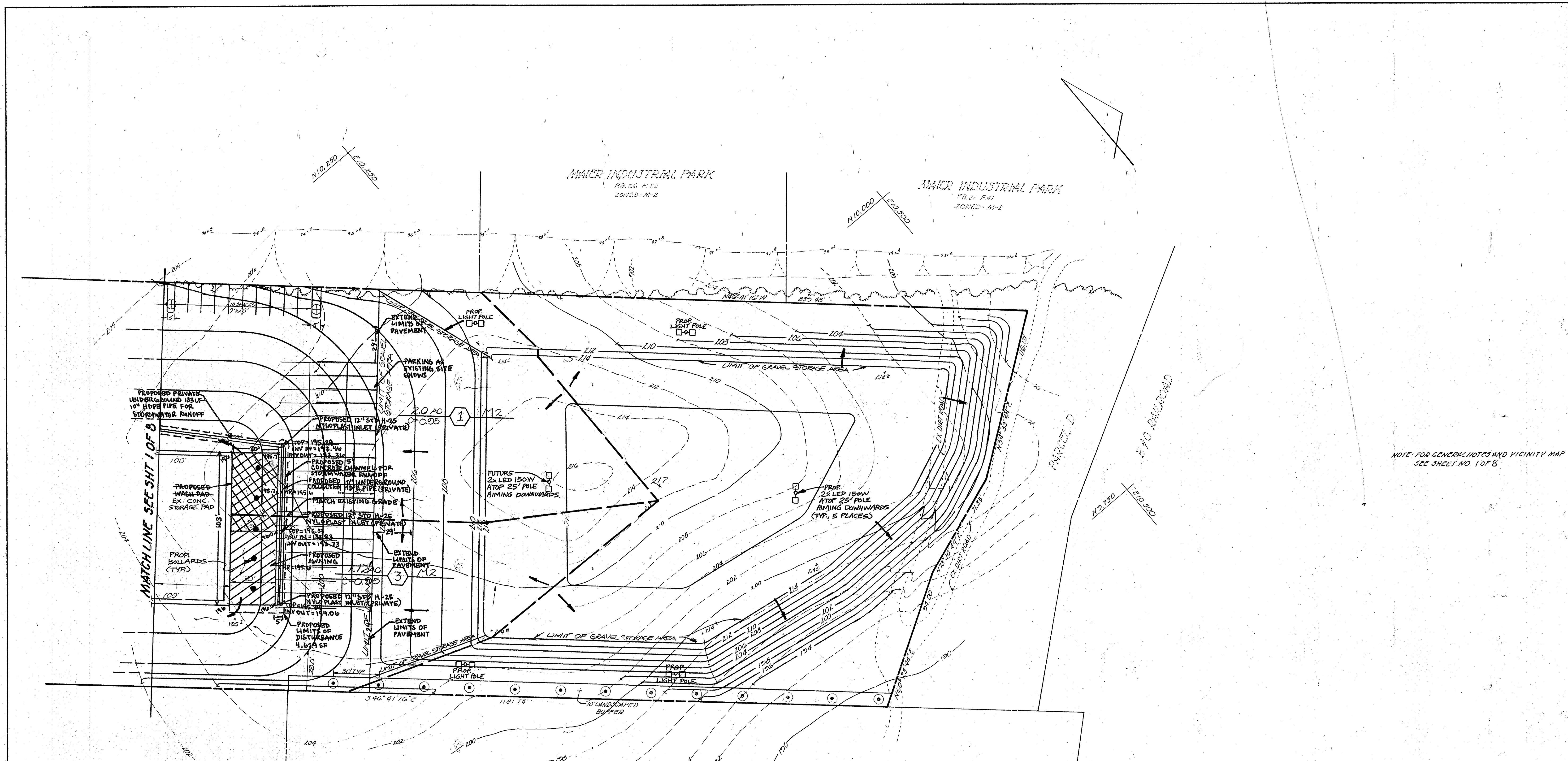
SUBDIVISION NAME	SECT./AREA	LOT/PARCEL #
McLEAN RENTALS		R542
PLAT # OR L/F BLOCK #	ZONE	TAX/ZONE MAP
23	M-2	47
WATER CODE	ELC. DIST.	CENSUS TR.
	6	6063
SEWER CODE		



**OWNER/DEVELOPER:**  
TODD THEODS  
Mc LEAN RENTALS INC.  
1532 SPRINGHILL ROAD  
MC CLEAN VA 22102  
(703) 550-8965

SUBDIVISION NAME	SECT./AREA	PARCEL NO.			
Mc LEAN RENTALS INC.		342			
PLAT NO. OR L/F	BLOCK NO.	ZONE	TAX/ZONE MAP	ELEC. DIST.	CENSUS TR.
92510667	23	M-2	47	6	6063
WATER CODE	SEWER CODE				
604	7100800				
TITLE	<b>DRAINAGE AREA MAP</b>				
PROJECT	<b>Mc LEAN RENTALS INC.</b>				
LOCATION	SDP-76-34 SDP-83-44 VA 25-22 SDP-84-145 SDP-87-136 ELECTION DISTRICT HOWARD CO., MD.				
SCALE	DESIGNED BY	DRAWN BY	CHECKED BY	DATE	
1"=30'	R.S.D.	D.WELSH	R.S.D.	JUNE, 1989	
FIELD BOOK	PAGE NO.	JOB NO.	DRAWING NO.		
		83134	3 OF 8		

AS-BUILT SDP-89-157



NOTE: FOR GENERAL NOTES AND VICINITY MAP SEE SHEET NO. 1 OF 8.

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS  
*James M. Helm* 11-22-89  
 SOIL CONSERVATION SERVICE DATE

THIS DEVELOPMENT IS APPROVED SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT  
*John H. Roberts* 11/21/89  
 SOIL CONSERVATION DISTRICT DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
*James M. Bond* 12/18/89  
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING  
*Howard Keith* 12/21/89  
 DIRECTOR DATE

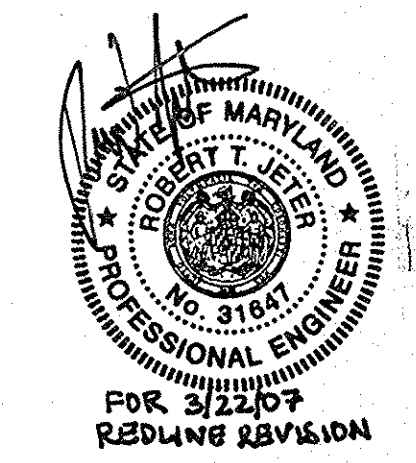
*Wash. J. S. Gray* 12/21/89  
 CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*James J. Lewis* 12/15/89  
 DIRECTOR DATE

*William S. Ray* 12-5-89  
 CHIEF BUREAU OF ENGINEERING DATE

**APPROVED**  
 DIVISION of  
 COMMUNITY PLANNING  
 & LAND DEVELOPMENT  
 HOWARD COUNTY,  
 MARYLAND  
 DATE \_\_\_\_\_

PFISTERS MOBILE HOMES PARK INC.  
 L-324 P-4100  
 ZONED-M-2



**OWNER/DEVELOPER:**  
 TODD THEROS  
 Mc LEAN RENTALS INC.  
 1352 SPRINGHILL ROAD  
 MCGLEAN VA. 22102  
 (703) 550-8965

**boender associates**  
 inc.  
 consulting engineers  
 land surveyors  
 land planners  
 COURTHOUSE SQUARE  
 3565 ELLICOTT MILLS DRIVE  
 ELLICOTT CITY, MD. 21043  
 (301) 485-7777

TITLE: <b>DRAINAGE AREA MAP</b>			
PROJECT: <b>McLEAN RENTALS INC.</b>			
LOCATION: <b>SHT. 76-7A, 71A-23-44, 11A-25-22</b>			
6 <sup>th</sup> ELECTION DISTRICT <b>HOWARD</b> CO., MD.			
SCALE: 1"=30'	DESIGNED BY: R.S.D.	DRAWN BY: D.WELSH	CHECKED BY: R.S.D.
FIELD BOOK:	PAGE NO.:	JOB NO.: 88134	DATE: JUNE, 1989
DRAWING NO.: 2 OF 3			

DATE	REVISION	BY
12-17-15	ADDED LIGHT POLES & BOLLARDS	FSH
3-22-07	REPLIN'S REVIEW	W.S.R.
8-3-89	S.C.S. COMMENTS	JCO
6-20-80	CONTRACTS - OPENED	JCO

**DEVELOPER'S CERTIFICATE**

I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

*William T. Thores*  
DEVELOPER

11/20/89  
DATE

**ENGINEER'S CERTIFICATE**

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

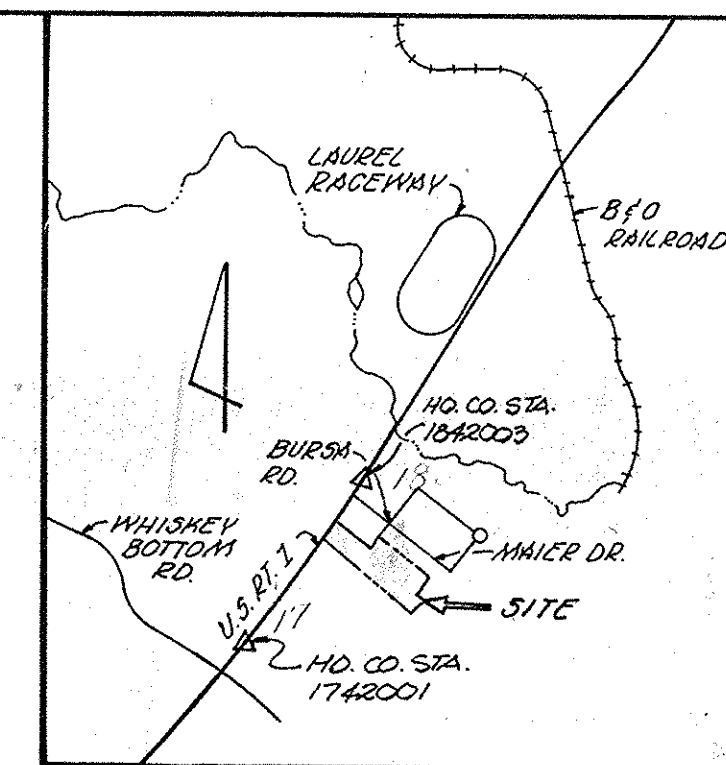
*William T. Thores*  
ENGINEER

11/20/89  
DATE

TRAP NO. 2  
STONE OUTLET  
DRAINAGE AREA: 3.87  
STORAGE REQUIRED: 6066 CU. FT.  
STORAGE PROVIDED: 7126 CU. FT.  
OUTLET ELEVATION: 177.0  
CLEAN OUT ELEVATION: 173.0  
BOTTOM ELEVATION: 173.0  
WEIR LENGTH: 16'  
TRAP DIMENSION: 35" x 60" x 6" x 6"

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

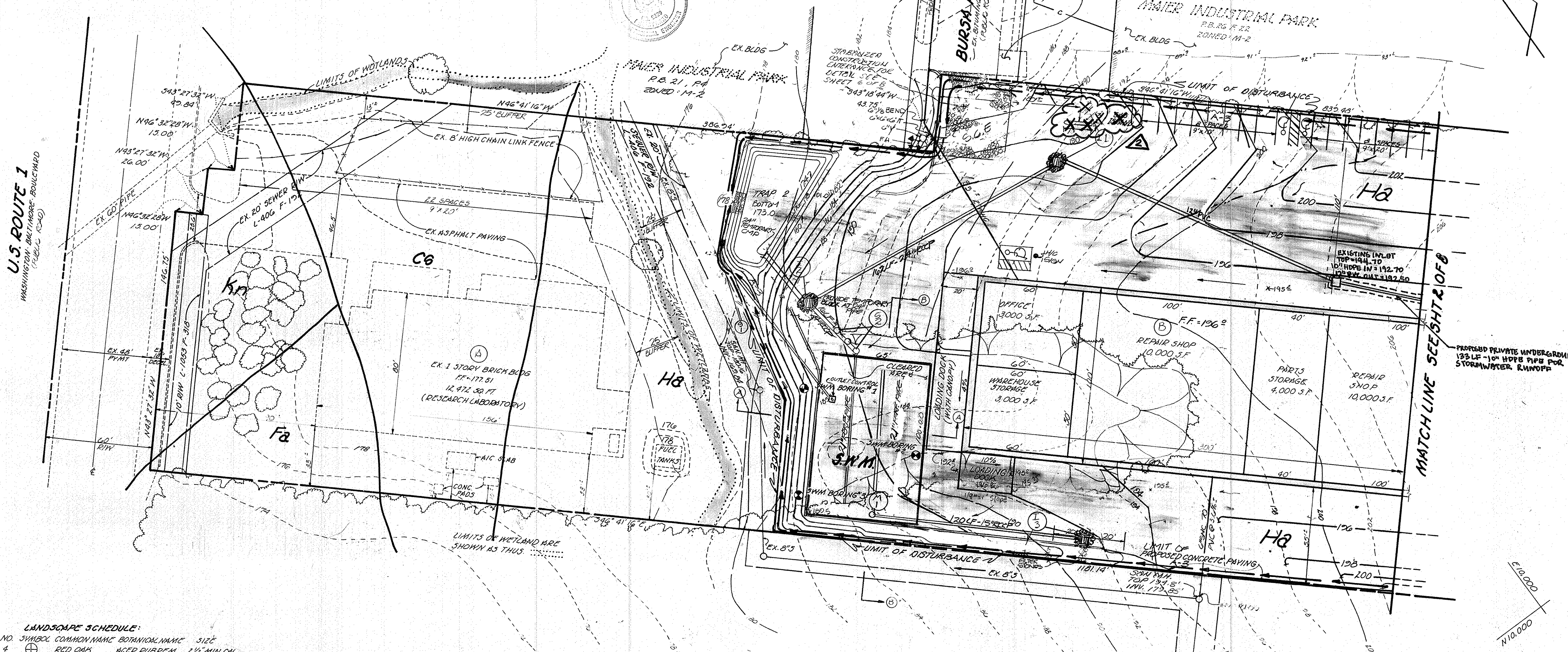
*James M. Thores* 11-22-89  
DATE  
*John F. Robertson* 11/21/89  
DATE



VICINITY MAP SCALE: 1"=200'

**GENERAL NOTES**

- TAXMAP: 47 PARCEL: 542
- SUBJECT PROPERTY IS TIED TO THE MARYLAND STATE PLANE COORDINATE SYSTEM. POINT NO. 1742001 & 1742003.
- PUBLIC WATER/PUBLIC SEWERAGE SYSTEMS ARE TO BE UTILIZED FOR THIS SITE (SEE NOT. 1&2).
- BOUNDARY SHOWN HEREON IS BASED ON A PLAT PREPARED BY JAMES M. FOWLER ASSOC. AND SUPPLIED BY OWNER.
- TOPOGRAPHIC SURVEY SHOWN HEREON IS BASED ON A PLAT PREPARED BY JAMES M. FOWLER ASSOC. AND SUPPLIED BY OWNER.
- PROPOSED SITE USE (COMMERCIAL).
- CONTRACTOR TO VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING WORK.
- CONTRACTOR TO NOTIFY MISS UTILITY AT 1-800-257-1771, 48 HOURS PRIOR TO ANY CONSTRUCTION.
- THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION DIVISION OF HOWARD CO. AT 702-7272 AT LEAST 24 HOURS PRIOR TO BEGINNING CONSTRUCTION.
- DEED REFERENCE: 495/0667
- PROPOSED STORMWATER MANAGEMENT FACILITY WILL BE PRIVATELY OWNED AND MANAGED BY OWNER/DEVELOPER.
- TOTAL AREA OF SITE: 6.267 AC.
- EXISTING ZONING: M-2
- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL AND HOWARD COUNTY STANDARD SPECIFICATIONS.
- BUILDING WILL BE PROTECTED WITH AN APPROVED SPRINKLER SYSTEM.
- COMMERCIAL USE OF THE SITE WILL BE REPAIR AND REPAIR OF EQUIPMENT.
- THERE WILL BE NO FUNCTIONAL RELATIONSHIP EXISTING BETWEEN BUILDING 'B' AND PROPOSED BUILDING 'B'.
- GRAVEL AREA WILL BE USED FOR RENTAL EQUIPMENT AND VEHICLE STORAGE.
- EXTENSIVE GRADING IS NEEDED FOR MANEUVERING TO DOCK.
- SOILS SHOWN HEREON ARE BASED ON HOWARD COUNTY SOILS SURVEY MAP NO. 34.
- ALL SOIL TYPES SHOWN HEREON ARE HYDRO CLASSIFICATION.



**LANDSCAPE SCHEDULE:**

NO.	SYMBOL	COMMON NAME	BOTANICAL NAME	SIZE
4	⊕	RED OAK	QUERCUS RUBRA	1 1/2" MIN. DIA. 8'-10" HT.
2	⊙	WHITE PINE	PINUS STROBUS	2 1/2" MIN. DIA. 8'-10" HT.

REV.	DATE	DESCRIPTION	BY
6-8-15	REV. #2 - REMOVE GAS ISLAND	FSH	
2-22-07	REDEFINE BOUNDARY #1 - WINDING ADDITION		
5-22-91	REMOVE S.D. (AS-BUILT)	JCO	
1-14-97	ADJUST 1/4" SPACES	JCO	
6-3-80	S.C.S. COMMENTS - 7/14/80	JCO	
1-20-80	SPACES TO 3/4" & 1/2"	JCO	
DATE	REVISION	BY	

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.  
HOWARD COUNTY HEALTH DEPARTMENT  
*James M. Thores* 12/2/89  
HEALTH OFFICER DATE

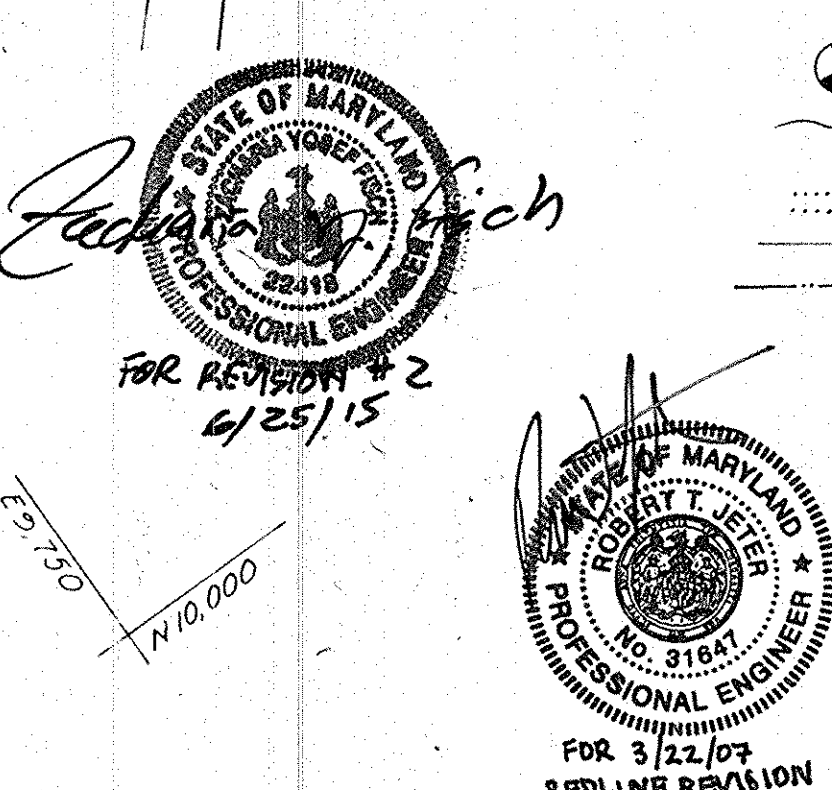
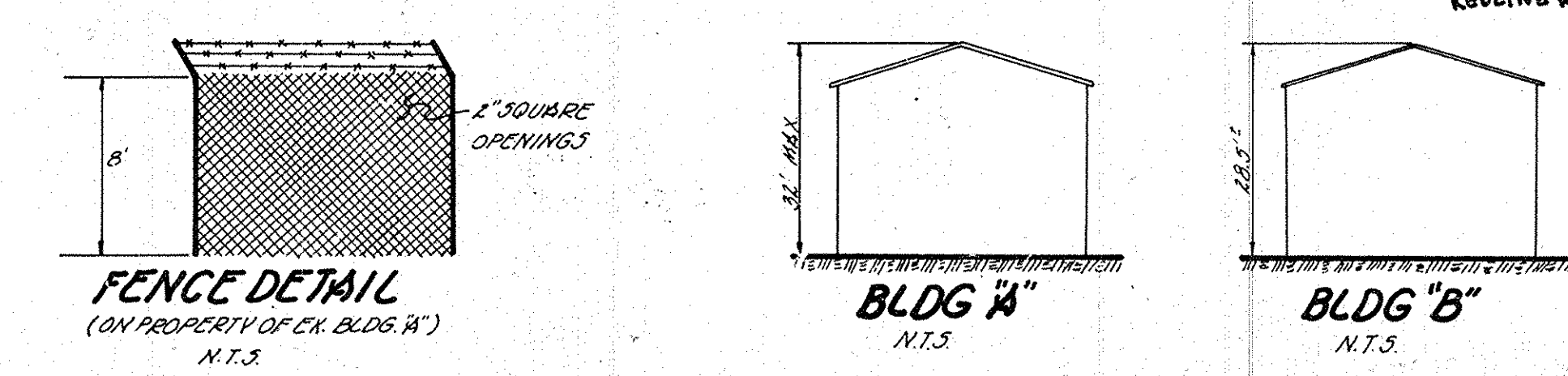
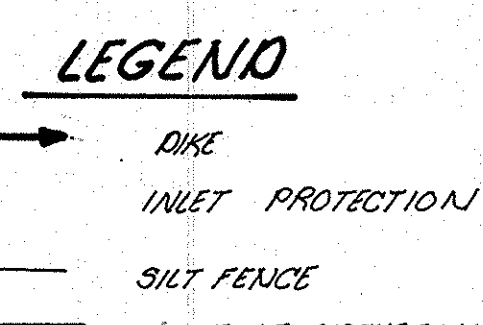
APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING  
*James M. Thores* 12/21/89  
DIRECTOR DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE.  
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*James M. Thores* 12/5/89  
DIRECTOR DATE

*William T. Thores* 12-5-89  
CHIEF BUREAU OF ENGINEERING DATE

**APPROVED**  
DIVISION OF  
COMMUNITY PLANNING  
& LAND DEVELOPMENT  
HOWARD COUNTY,  
MARYLAND  
DATE \_\_\_\_\_

SUBDIVISION NAME	SECT./AREA	LOT/PARCEL #
McLEAN RENTALS		12542
PLAT # OR LOT	BLOCK #	ZONE
23	10-2	47
TAX/SEC MAP	ELUC. DIST	CENSUS TR.
47	6	4063
WATER CODE	SEWER CODE	



**OWNER/DEVELOPER:**  
TODD THORES  
McLEAN RENTALS INC.  
1552 SPRINGHILL ROAD  
McLEAN VA. 22102  
(703) 550-8765

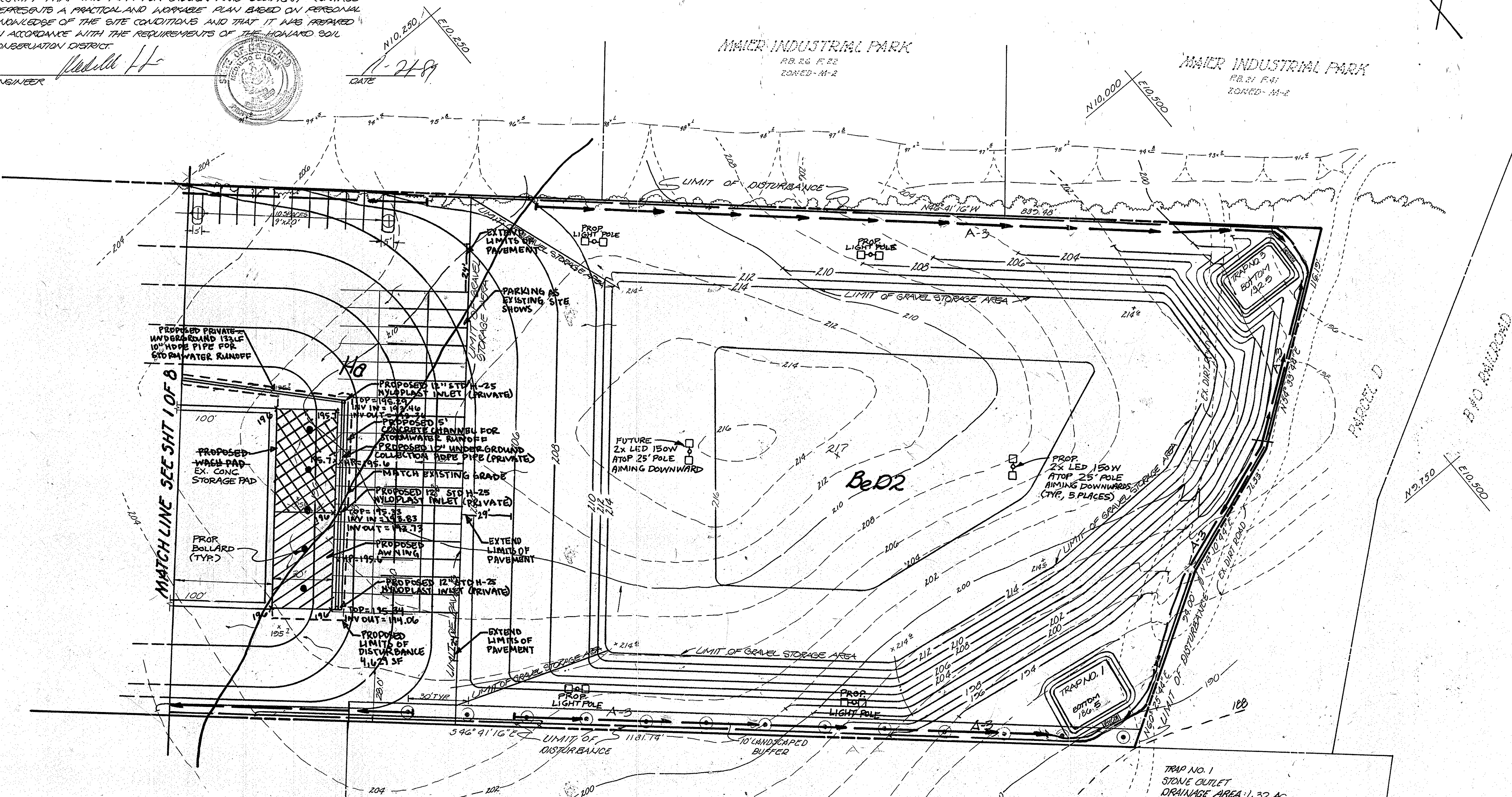
SUBDIVISION NAME	SECT./AREA	PARCEL NO.
McLEAN RENTALS INC.		542
PLAT NO. OR L.F.	BLOCK NO.	ZONE
495/0667	23	M-2
TAX/ZONE MAP	ELEC. DIST.	CENSUS TR.
47	6	4063
WATER CODE	SEWER CODE	
004	7100800	
TITLE	PROJECT	
SEDIMENT CONTROL PLAN AND SOILS MAP	McLEAN RENTALS INC.	
LOCATION	ELECTION DISTRICT	
SECT. 15-24, 31-12-34, 17-25-22, 31-1-34, 31-1-35, 31-1-36	HOWARD CO., MD.	
SCALE: 1"=30'	DESIGNED BY	CHECKED BY
	R.S.D.	R.S.D.
	D.W.K.S.H.	J.M.S.
	DATE	DATE
		JUN 1989
FIELD BOOK	PAGE NO.	JOB NO.
		00134
	DRAWING NO.	
	5 OF 8	

**DEVELOPERS CERTIFICATE**  
 I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

William T. Thross  
 DEVELOPER  
 DATE: 11/20/89

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

Michael H. ...  
 ENGINEER  
 DATE: 11-24-89



TRAP NO. 3  
 STONE OUTLET  
 DRAINAGE AREA = 0.23 AC.  
 STORAGE REQUIRED = 1764 CF  
 STORAGE PROVIDED = 1844 CF  
 OUTLET ELEVATION = 185  
 CLEANOUT ELEVATION = 184  
 WEIR LENGTH = 8'  
 TRAP BOTTOM DIMENSION = 20' x 30'  
 BOTTOM ELEVATION = 182.5  
 SLOPE = 1:1

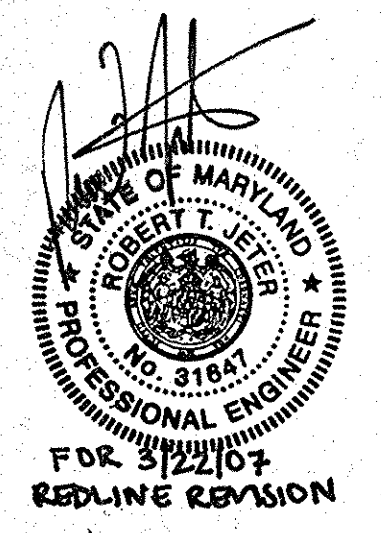
NOTE: FOR GENERAL NOTES AND VICINITY MAP SEE SHEET NO. 1 OF 8

TRAP NO. 1  
 STONE OUTLET  
 DRAINAGE AREA = 1.32 AC.  
 STORAGE REQUIRED = 2370 C.F.  
 STORAGE PROVIDED = 2594 C.F.  
 OUTLET ELEVATION = 180  
 CLEAN OUT ELEVATION = 185  
 WEIR LENGTH = 8'  
 TRAP BOTTOM DIMENSION = 25' x 35'  
 BOTTOM ELEVATION = 186.5  
 SLOPE = 1:1

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS.  
James M. ... 11-22-89  
 US SOIL CONSERVATION SERVICE DATE  
 THIS DEVELOPMENT IS APPROVED SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
John L. Roberton 11/21/89  
 SOIL CONSERVATION DISTRICT DATE  
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT  
James M. ... 12/8/89  
 COUNTY HEALTH OFFICER DATE  
 APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING  
Howard ... 12/21/89  
 DIRECTOR DATE  
 CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT  
James ... 12/5/89  
 DIRECTOR DATE  
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
James ... 12-5-89  
 CHIEF BUREAU OF ENGINEERING DATE

**APPROVED**  
 DIVISION OF  
 COMMUNITY PLANNING  
 & LAND DEVELOPMENT  
 HOWARD COUNTY,  
 MARYLAND  
 DATE: \_\_\_\_\_

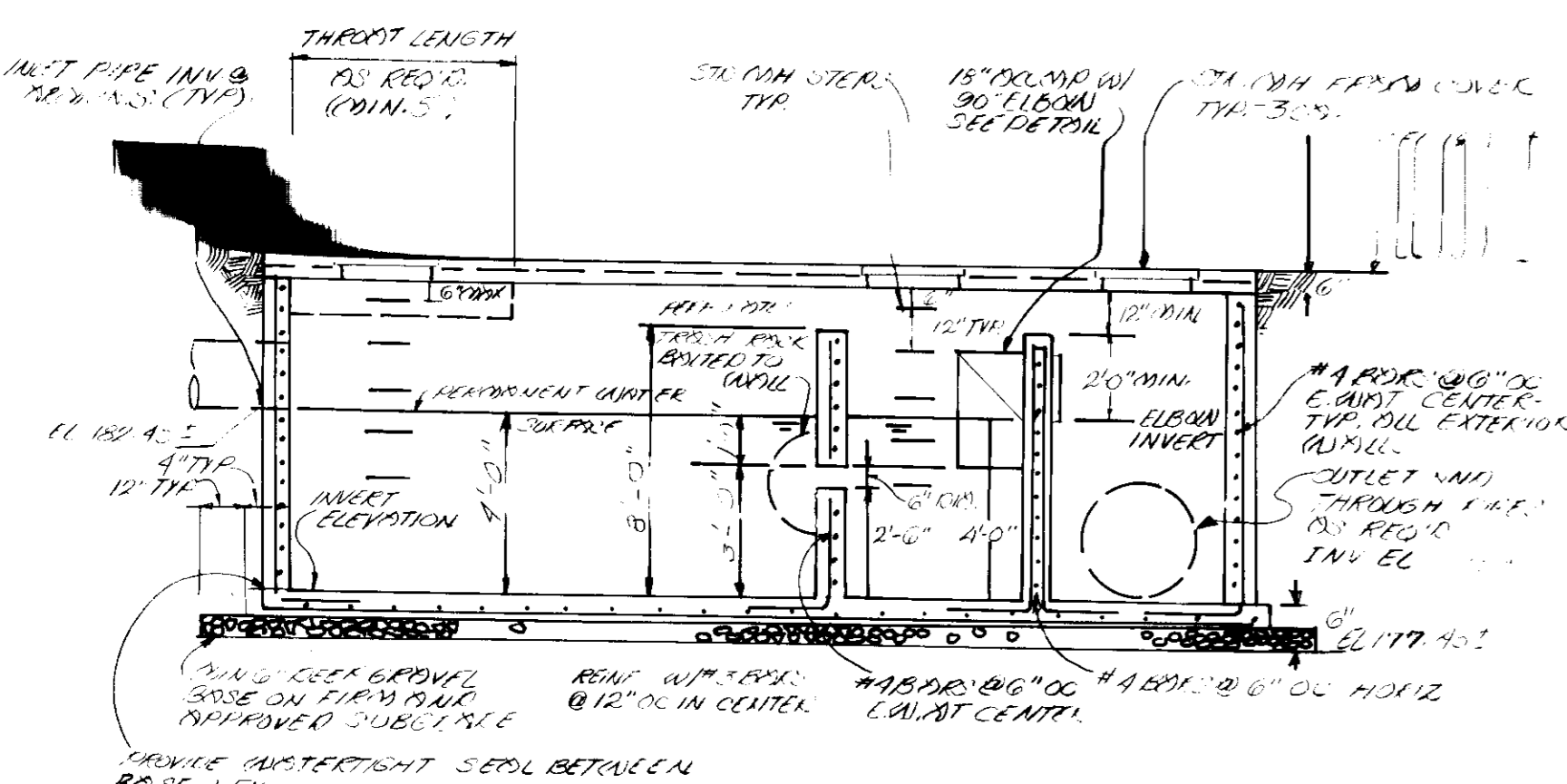
**LEGEND**  
 ——— DIME  
 [Symbol] INLET PROTECTION  
 — S SILT FENCE  
 - - - - - LIMIT OF DISTURBANCE



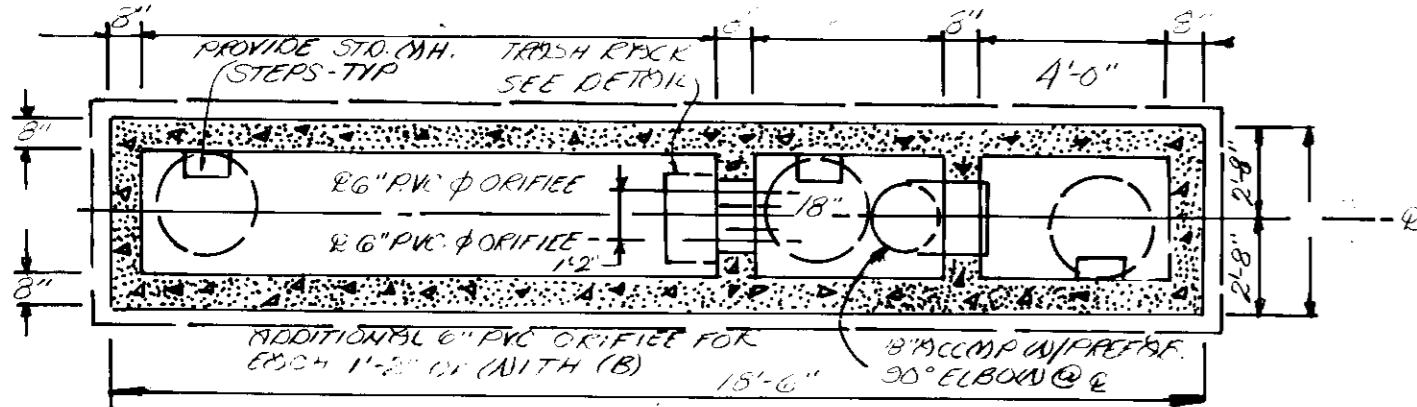
**OWNER/DEVELOPER:**  
 TODD THROSS  
 McLEAN RENTALS INC.  
 1352 SPRINGHILL ROAD  
 McLEAN VA. 22102  
 (703) 550-8965

**boender associates**  
 inc.  
 consulting engineers  
 land surveyors  
 land planners

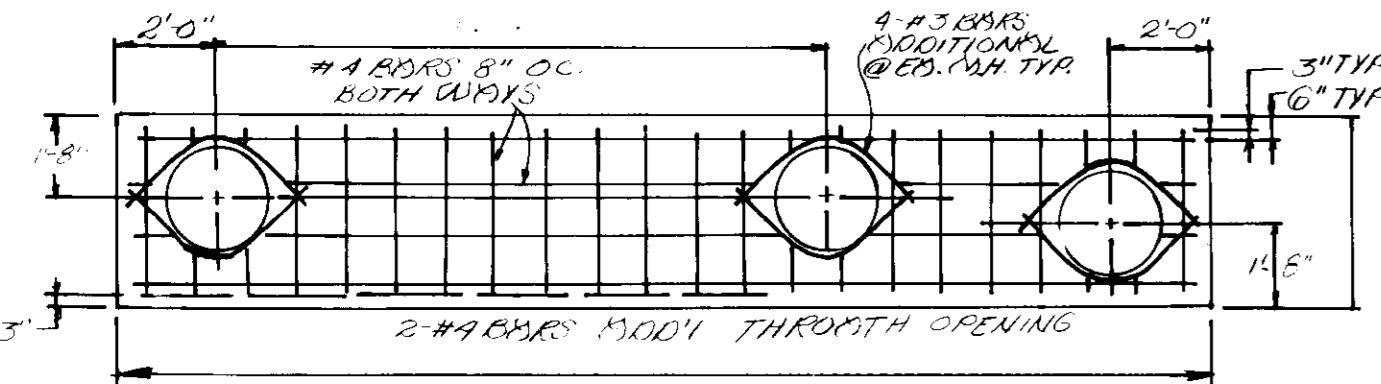
TITLE: SEDIMENT CONTROL PLAN AND SOILS MAP	
PROJECT: McLEAN RENTALS INC.	
LOCATION: SDP 89-157, SDP 89-158, SDP 89-159, SDP 89-160, SDP 89-161, SDP 89-162, SDP 89-163, SDP 89-164, SDP 89-165, SDP 89-166, SDP 89-167, SDP 89-168, SDP 89-169, SDP 89-170, SDP 89-171, SDP 89-172, SDP 89-173, SDP 89-174, SDP 89-175, SDP 89-176, SDP 89-177, SDP 89-178, SDP 89-179, SDP 89-180, SDP 89-181, SDP 89-182, SDP 89-183, SDP 89-184, SDP 89-185, SDP 89-186, SDP 89-187, SDP 89-188, SDP 89-189, SDP 89-190, SDP 89-191, SDP 89-192, SDP 89-193, SDP 89-194, SDP 89-195, SDP 89-196, SDP 89-197, SDP 89-198, SDP 89-199, SDP 89-200	
SCALE: 1"=30'	DESIGNED BY: R.S.D.
DRAWN BY: D.WELSH	CHECKED BY: R.S.D.
DATE: JUNE 1989	FIELD BOOK: _____
PAGE NO.: _____	JOB NO.: 88134
DATE: 6.01.89	DRAWING NO.: _____



SECTION



PLAN VIEW



PLAN VIEW OF TOP SLAB

**MURTER QUALITY CONTROL STRUCTURE**

SCALE: 25' = 1'-0"  
CATCHMENT AREA = 1.26 ACRES

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

*James M. Holm* 11-22-89  
U.S. SOIL CONSERVATION SERVICE DATE

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

*John K. Blunt* 11/21/89  
SOIL CONSERVATION DISTRICT DATE

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

*Joyce M. Bond and Peter G. Bond* 12/8/89  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

*James B. Ketter* 12/21/89  
DIRECTOR DATE

*Paul S. Z. Carls* 12/21/89  
CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

*James M. Holm* 12/15/89  
DIRECTOR DATE

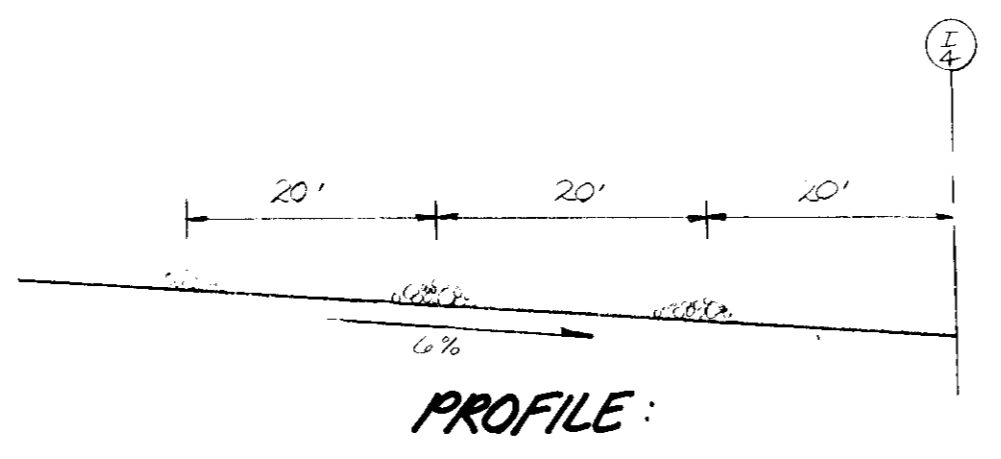
*William J. Kelly* 12-5-89  
CHIEF, BUREAU OF ENGINEERING DATE

**MAINTENANCE SCHEDULE FOR OIL & GRIT SEPARATOR**

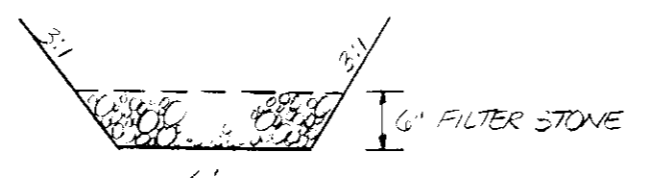
1. AT LEAST TWICE A YEAR, CLEAN OUT CHAMBER TO REMOVE ALL POLLUTANTS.
2. DISPOSE OF ANY SEDIMENT TO AN ACCEPTABLE DISPOSAL SYSTEM.

**MAINTENANCE SCHEDULE FOR DETENTION TRENCH**

1. MOW GRASS FILTER STRIP AT LEAST TWICE A YEAR.
2. RESEED OR SOO ANY BURDOUT AREA IN THE GRASS FILTER STRIP AT LEAST ONCE A YEAR.
3. ALL INLETS AND CONTROL STRUCTURE SHOULD BE CHECKED AT LEAST TWICE A YEAR AND SEDIMENT REMOVED.



PROFILE:



SECTION:

FILTER STRIP TO INLET I-4  
N.T.S.

NO.	REVISION	DATE	BY
5-2-89	REVISED (AS BUILT)	JCO	
6-3-89	S.C.S. COMMENTS 7/24/89	JCO	
6-2-89	COMMENTS 10/25/89	JCO	
6-2-89	COMMENTS 10/25/89	JCO	
	REVISION	BY	

NO.	REVISION	DATE	BY
E-1	REVISED	12/18/89	W.T.T.
E-2	"	12/21/89	W.T.T.
E-3	"	12/21/89	W.T.T.
M-1	"	12/21/89	W.T.T.
E-2	"	12/21/89	W.T.T.

**DEVELOPER'S CERTIFICATE**

I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF EROSION AND SEDIMENT BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

*William T. Thues*  
DEVELOPER

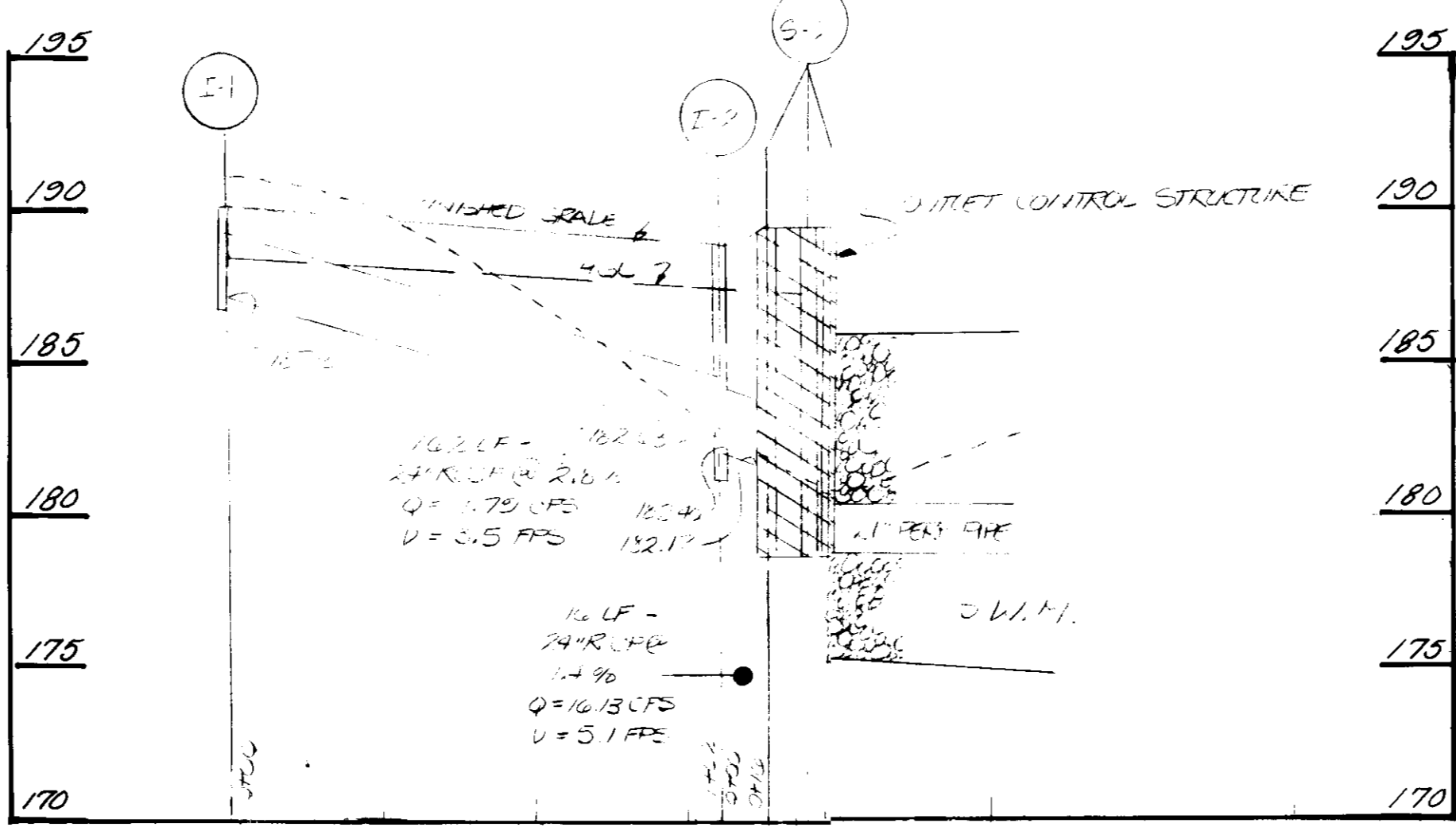
11/20/89  
DATE

**ENGINEER'S CERTIFICATE**

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

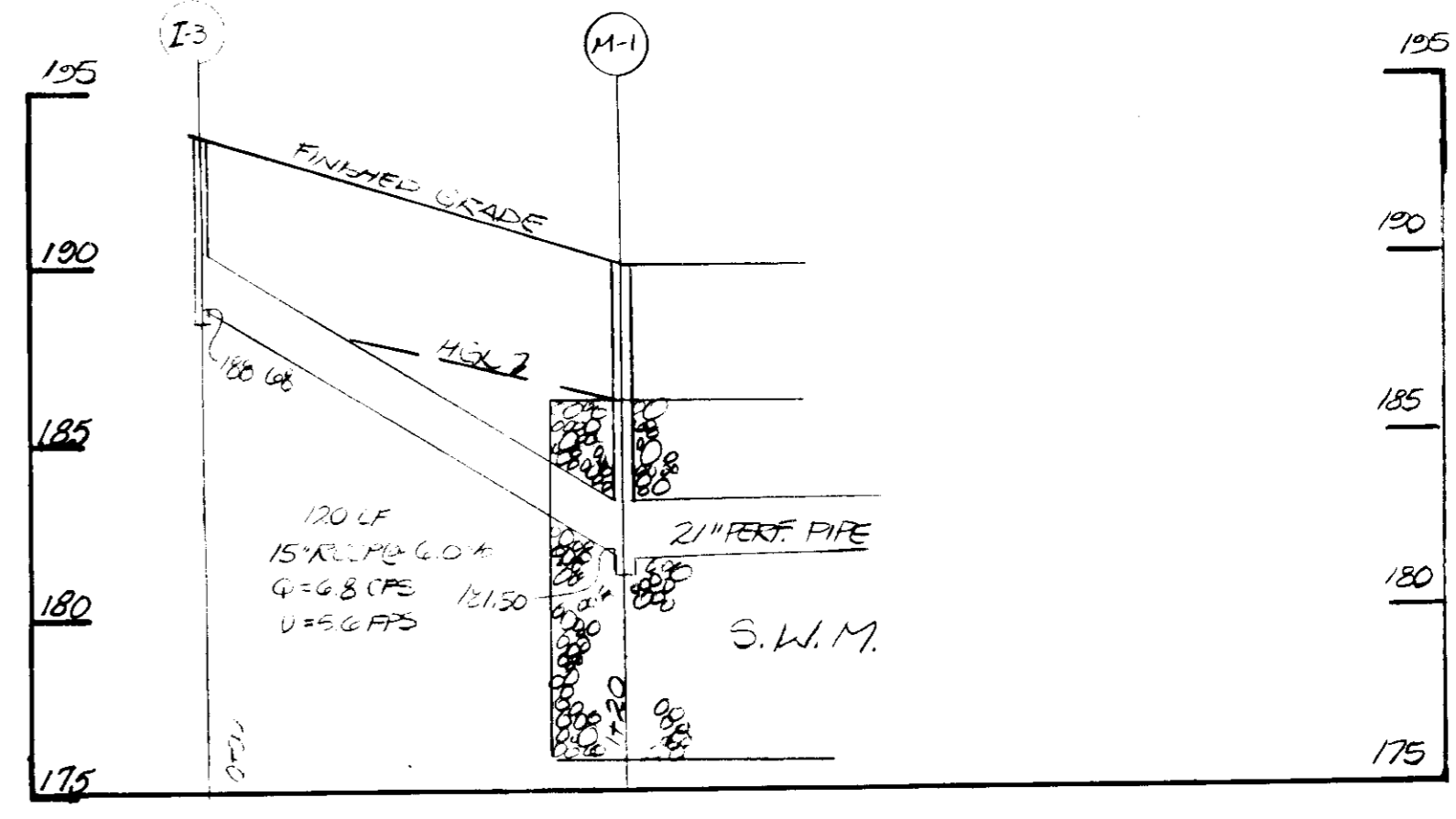
*R. J. Skilton*  
ENGINEER

11/20/89  
DATE



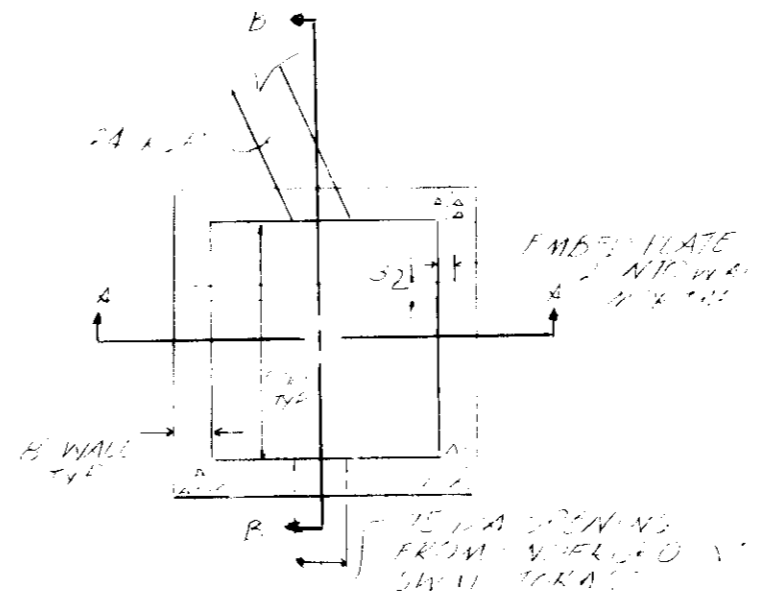
STORM DRAIN PROFILE

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

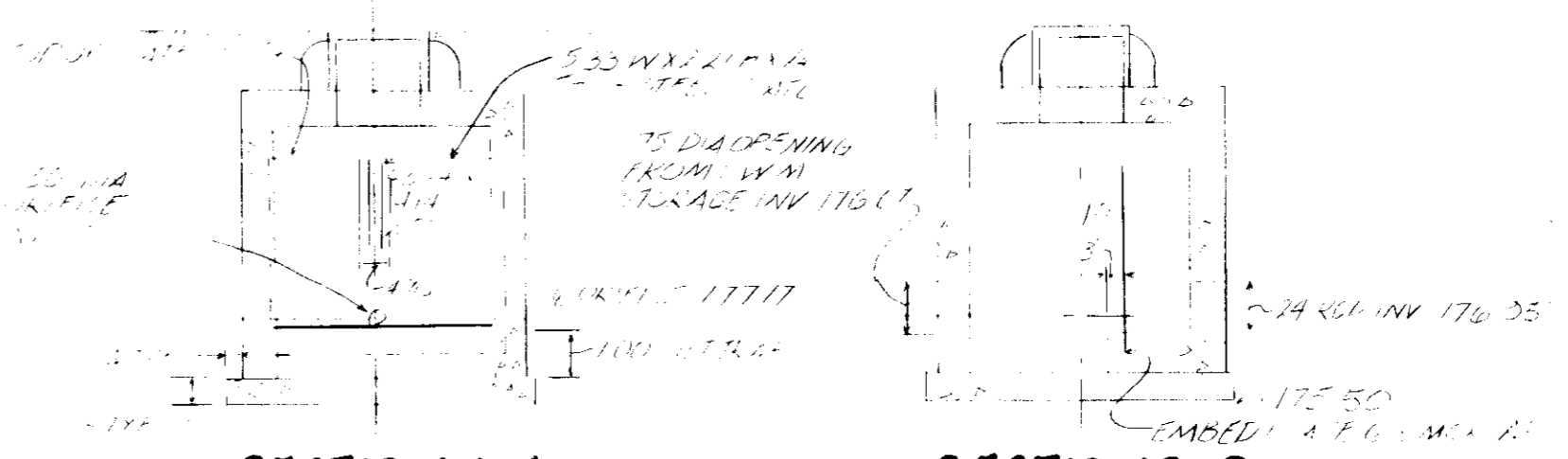


STORM DRAIN PROFILE

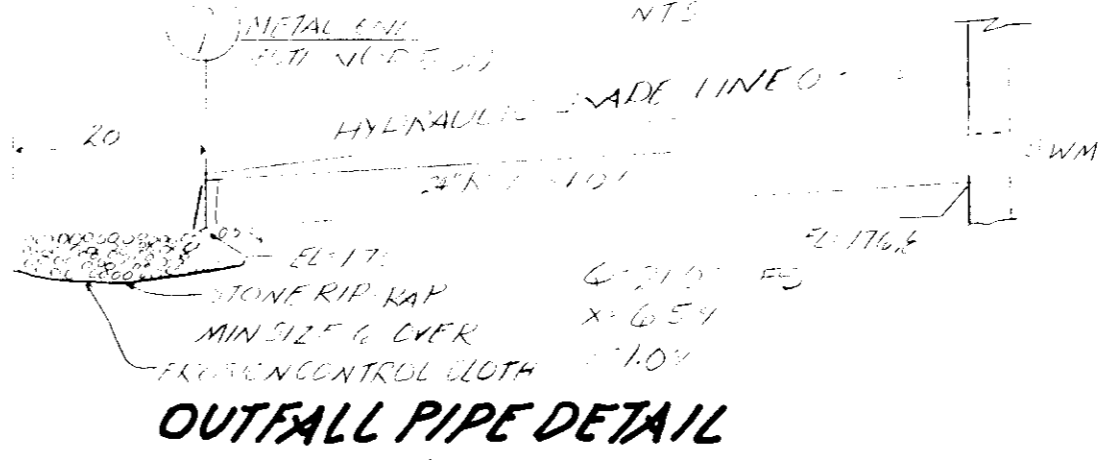
SCALE: 1" = 5' HORIZ.  
1" = 50' VERT.



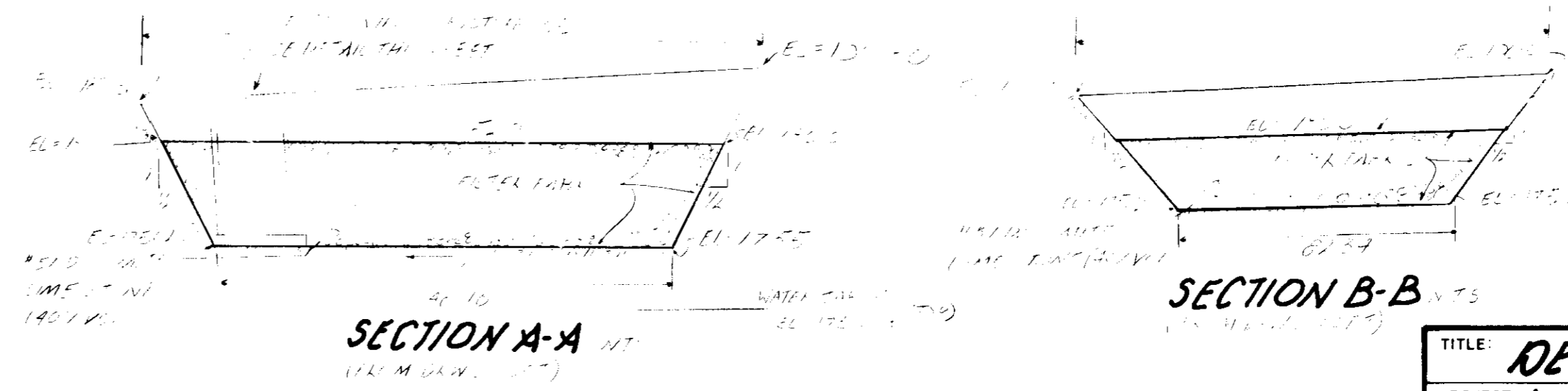
PLAN



SECTION A-A  
SECTION B-B  
OUTLET CONTROL STRUCTURE



OUTFALL PIPE DETAIL



SECTION A-A  
SECTION B-B

**OWNER/DEVELOPER:**  
7000 THEROS  
McLEAN RENTALS INC.  
1552 SPRING HILL ROAD  
McLEANS VA. 22102  
(703) 530-8965

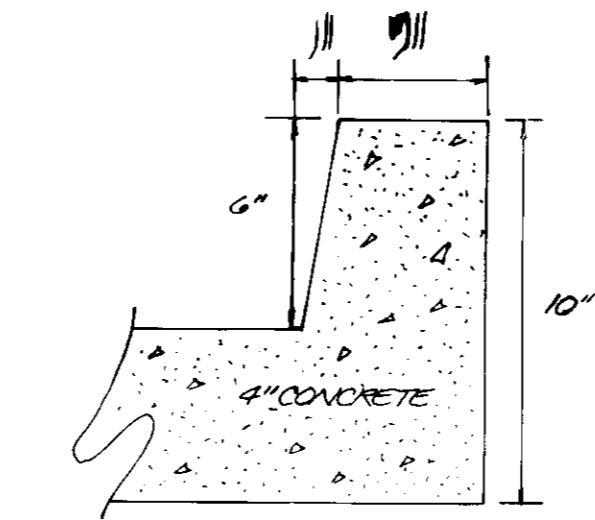
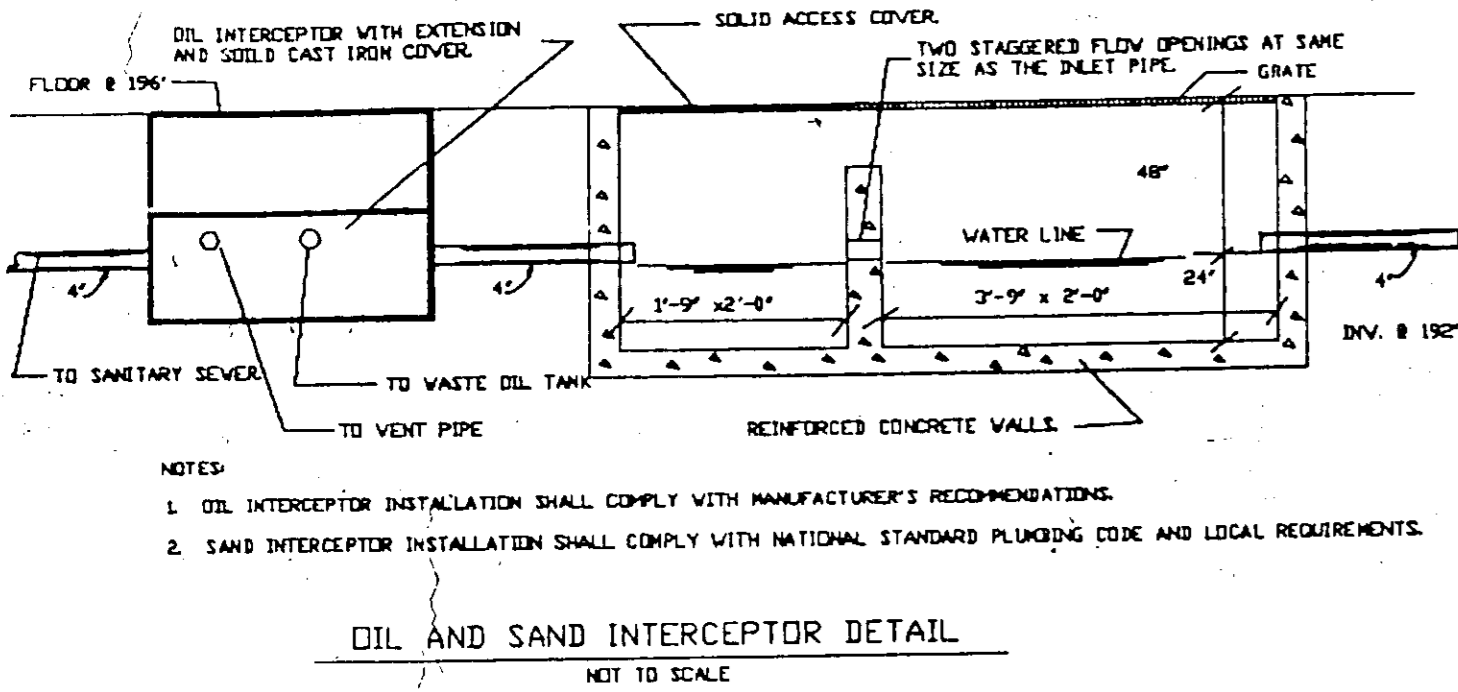
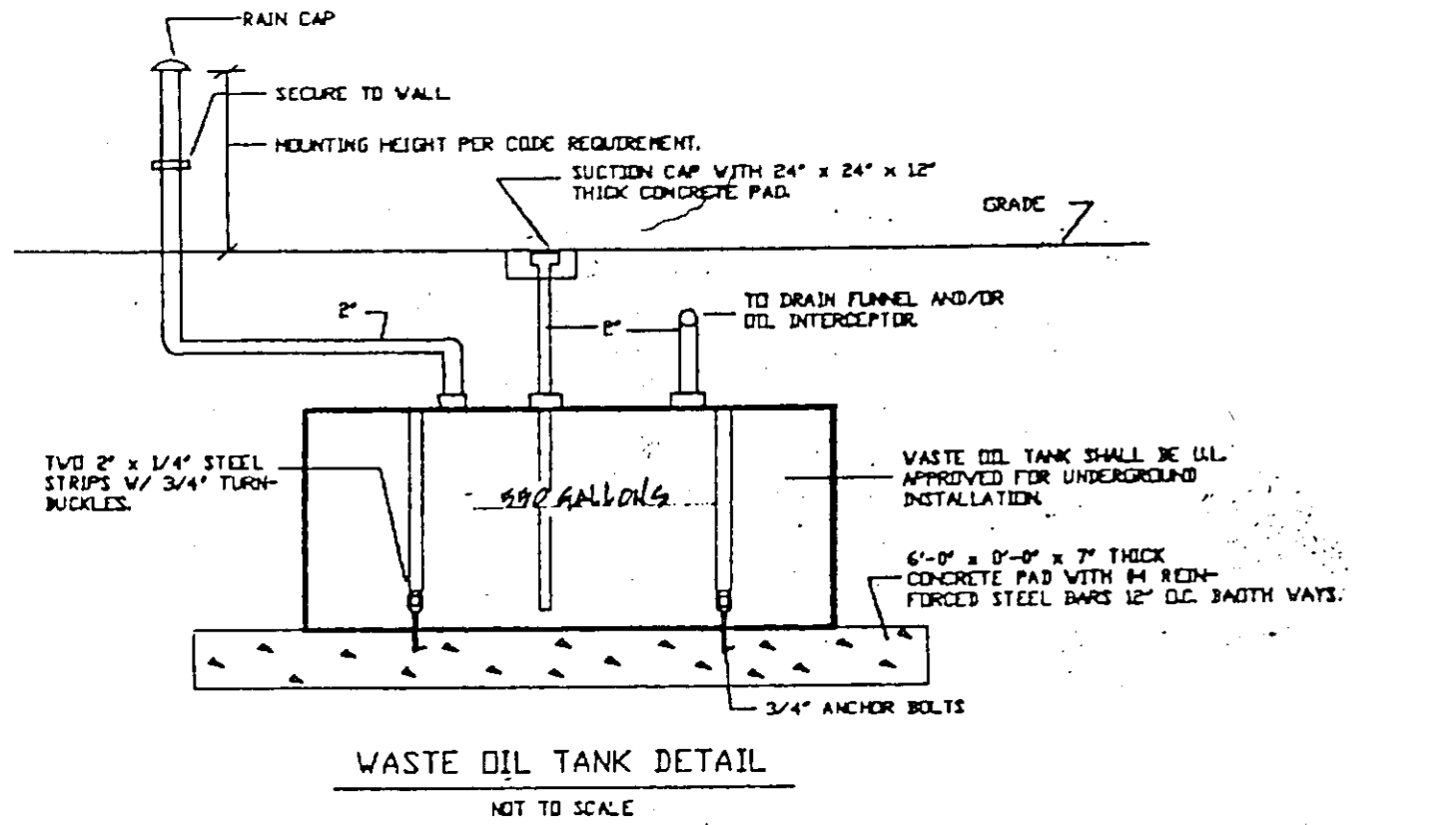
TITLE: <b>DETAIL SHEET</b>			
PROJECT: <b>McLEAN RENTALS INC.</b>			
LOCATION: SDP 89-157, SDP 88-49, SDP 85-22			
G.M. ELECTION DISTRICT: HOWARD CO., MD.			
SCALE: AS SHOWN	DESIGNED BY: J.P.G.	DRAWN BY: J.P.G.	CHECKED BY: J.P.G.
FIELD BOOK:	PAGE NO.:	JOB NO.: 88174	DRAWING NO.: 70-B

**boender associates inc.**  
consulting engineers  
land surveyors  
land planners

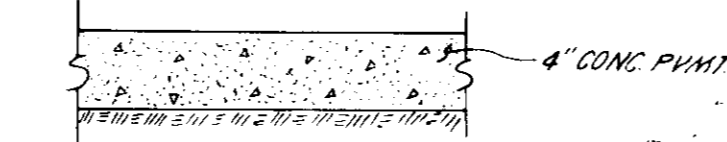
COURTHOUSE SQUARE  
3565 ELLICOTT MILLS DRIVE  
ELLICOTT CITY, MD. 21043  
(301) 465-7777

**SEQUENCE OF CONSTRUCTION:**

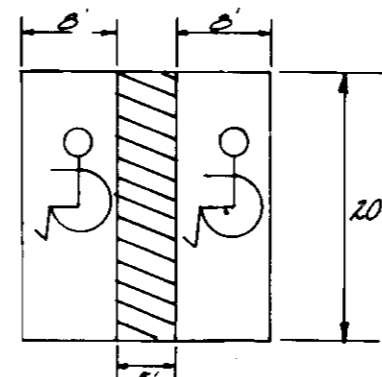
1. OBTAIN GRADING PERMIT
2. INSTALL SEDIMENT CONTROL DEVICES WITH SITE PLAN
3. GRADE PARKING LOT IN ACCORDANCE WITH SITE PLAN
4. CONSTRUCT PROPOSED BUILDING
5. INSTALL DETENTION TRENCH AND OIL & GRIT SEPARATOR
6. INSTALL STORM DRAINAGE STRUCTURES DO NOT CONNECT TO DETENTION TRENCH
7. CONSTRUCT PARKING LOT AND STABILIZE ALL DISTURBED AREAS
8. CONNECT DRAINAGE SYSTEM TO DETENTION TRENCH



**MONOLITHIC CURB**  
N.T.6  
DRAW. NO. R-307



**PAVING SECTION**  
N.T.3



**HANDICAP PARKING DETAIL**  
N.T.5

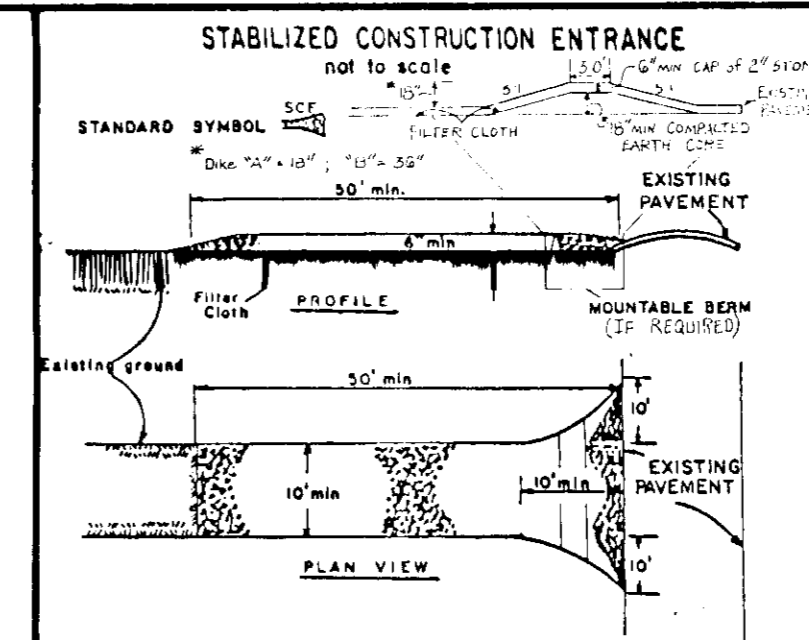


**HANDICAP PARKING SIGN**

NOTES GOVERNING \$50 FINE AS PER HO. CO. BILL NO. 58-84

1. SIGN TO UTILIZE AN ALUMINUM BLANK 6"x12" X 0.080" THICK WITH TWO (2) 3/16" DIA. T-MOUNTING HOLES
2. THE TEXT OF THE BORDER SHALL BE STANDARD GREEN TO MATCH THAT ON R-7-B, AND THE BACKGROUND SHALL BE REFLECTIVE WHITE. TEXT SHALL BE 3" HIGH
3. FINE SIGN TO BE HUNG AT A MINIMUM HEIGHT OF 7' AND A MAXIMUM HEIGHT OF 10'
4. NOT TO SCALE

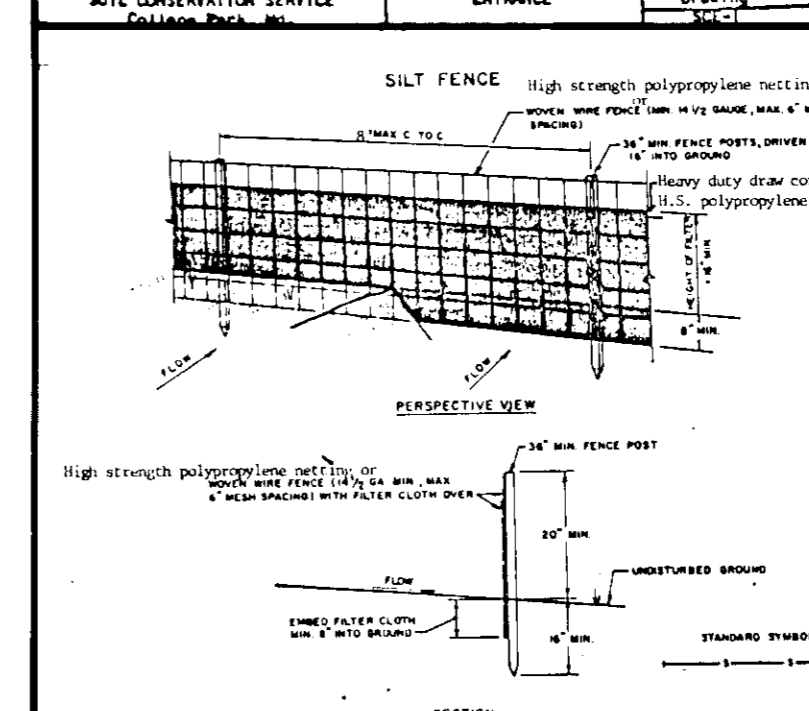
NOTE: PAVING SECTIONS ARE PER HOWARD COUNTY STANDARD R-2.01.



**STABILIZED CONSTRUCTION ENTRANCE**  
not to scale

CONSTRUCTION SPECIFICATIONS

1. Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
2. Length - As required, but not less than 30 ft. (except on a single vehicle lot where a 30 ft. minimum length would apply).
3. Thickness - Not less than six (6) inches.
4. Height - Ten (10) ft. minimum, but not less than the full width at points where ingress or egress occurs.
5. Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
6. Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a manhole with 1:1 slopes will be permitted.
7. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or tracking of sediment onto public right-of-way. This may require periodic top cleaning with additional stone as conditions demand and repair and/or cleanup of any measures used to trap sediment. All sediment applied, dropped, washed or tracked onto public right-of-way must be removed immediately.
8. Sealing - Seals will be cleaned to remove sediment prior to entrance and public right-of-way. When sealing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
9. Periodic inspection and needed maintenance shall be provided after each rain.



**CONSTRUCTION NOTES FOR ENHANCED SILT FENCE**

1. High strength polypropylene netting or fabric shall be used. Netting shall be secured to the ground with 1/2\"/>
- 2. Filter cloth to be fastened securely to the fabric posts with 1/2\"/>
- 3. Netting shall be secured to the ground with 1/2\"/>
- 4. Maintenance shall be provided after each rain. Netting shall be cleaned to remove sediment prior to entrance and public right-of-way. When sealing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.

DEPTH (FEET)	SOIL DESCRIPTION	MOISTURE (%)	PLASTICITY INDEX (PI)	UNSATURATED WATER RATIO (U)	LIQUID LIMIT (LL)	PLASTIC LIMIT (PL)	SHRINKAGE (%)	GROUP SYMBOL	REMARKS
0.0	Forest litter, organic matter	6	1.5						
0.3	Forest litter, organic matter	6	1.5						
2.0	White-yellowish light brown clayey silt with a trace of fine sand, damp, stiff (SILT CLAY)	6	1.5					M/C - 7.14	
4.0	White-yellowish light brown clayey silt with a trace of fine sand, damp, stiff (SILT CLAY)	6	1.5					M/C - 15.54	
11.0	White with orange-yellow veins, silty clay with a trace of fine to medium sand, moist, medium stiff (SILT CLAY LOAM)	13	5.5					M/C - 20.04	
16.0	White with orange-yellow veins, silty clay with a trace of fine to medium sand, moist, medium stiff (SILT CLAY LOAM)	13	5.5					M/C - 20.04	
20.0	White with orange-yellow veins, silty clay with a trace of fine to medium sand, moist, medium stiff (SILT CLAY LOAM)	13	5.5					M/C - 20.04	
20.0	BORING TERMINATED @ 20.0 FEET								Groundwater encountered at 14.0 feet following withdrawal of auger.

DEPTH (FEET)	SOIL DESCRIPTION	MOISTURE (%)	PLASTICITY INDEX (PI)	UNSATURATED WATER RATIO (U)	LIQUID LIMIT (LL)	PLASTIC LIMIT (PL)	SHRINKAGE (%)	GROUP SYMBOL	REMARKS
0.0	Forest litter, organic matter	6	1.5						
0.3	Forest litter, organic matter	6	1.5						
2.0	White-yellowish light brown clayey silt with a trace of fine sand, damp, stiff (SILT CLAY)	6	1.5					M/C - 7.14	
4.0	White-yellowish light brown clayey silt with a trace of fine sand, damp, stiff (SILT CLAY)	6	1.5					M/C - 15.54	
11.0	White with orange-yellow veins, silty clay with a trace of fine to medium sand, moist, medium stiff (SILT CLAY LOAM)	13	5.5					M/C - 20.04	
16.0	White with orange-yellow veins, silty clay with a trace of fine to medium sand, moist, medium stiff (SILT CLAY LOAM)	13	5.5					M/C - 20.04	
20.0	White with orange-yellow veins, silty clay with a trace of fine to medium sand, moist, medium stiff (SILT CLAY LOAM)	13	5.5					M/C - 20.04	
20.0	BORING TERMINATED @ 20.0 FEET								Groundwater encountered at 14.0 feet following withdrawal of auger.

DEPTH (FEET)	SOIL DESCRIPTION	MOISTURE (%)	PLASTICITY INDEX (PI)	UNSATURATED WATER RATIO (U)	LIQUID LIMIT (LL)	PLASTIC LIMIT (PL)	SHRINKAGE (%)	GROUP SYMBOL	REMARKS
0.0	Forest litter, organic matter	6	1.5						
0.3	Forest litter, organic matter	6	1.5						
2.0	White-yellowish light brown clayey silt with a trace of fine sand, damp, stiff (SILT CLAY)	6	1.5					M/C - 7.14	
4.0	White-yellowish light brown clayey silt with a trace of fine sand, damp, stiff (SILT CLAY)	6	1.5					M/C - 15.54	
11.0	White with orange-yellow veins, silty clay with a trace of fine to medium sand, moist, medium stiff (SILT CLAY LOAM)	13	5.5					M/C - 20.04	
16.0	White with orange-yellow veins, silty clay with a trace of fine to medium sand, moist, medium stiff (SILT CLAY LOAM)	13	5.5					M/C - 20.04	
20.0	White with orange-yellow veins, silty clay with a trace of fine to medium sand, moist, medium stiff (SILT CLAY LOAM)	13	5.5					M/C - 20.04	
20.0	BORING TERMINATED @ 20.0 FEET								Groundwater encountered at 14.0 feet following withdrawal of auger.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

SIGNATURE: *[Signature]* DATE: 11/21/89

**U.S. SOIL CONSERVATION SERVICE**

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

APPROVED: *[Signature]* DATE: 12/18/89

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

APPROVED: *[Signature]* DATE: 12/21/89

APPROVED: *[Signature]* DATE: 12/5/89

CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

APPROVED: *[Signature]* DATE: 12/5/89

CHIEF BUREAU OF ENGINEERING

NO.	DATE	DESCRIPTION	BY
1-1-89		H/O DETAILS AND MEASUREMENTS	LD
2-1-89		REVISED MEASUREMENTS	LD
3-1-89		REVISED MEASUREMENTS	LD
4-1-89		REVISED MEASUREMENTS	LD

**ENGINEER'S CERTIFICATE**

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

*[Signature]* DATE: 11/21/89

**ENGINEER**

**DEVELOPER'S CERTIFICATE**

I HEREBY CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT EROSION BEFORE BEGINNING OF THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AGENTS OR AGENTS AS DEEMED NECESSARY

*[Signature]* DATE: 11/21/89

**DEVELOPER**

**OWNER/DEVELOPER:**  
TODD THEPOS  
MCLEAN RENTALS INC.  
1352 SPRINGHILL ROAD  
MCLEAN VA 22102  
(703) 550-8965

**boender associate**  
consulting engineers  
land surveyors  
land planners

COURTHOUSE SQUARE  
3565 ELLICOTT MILLS DRIVE  
ELLICOTT CITY MD 21041  
(301) 465 7171

SCALE: NOTED  
DESIGNED BY: D.WELSH  
DRAWN BY: D.WELSH  
CHECKED BY: J.L.  
DATE: JUNE 1989

FIELD BOOK: 28-34  
PAGE NO: 3 OF 3  
JOB NO: SDP 89-157  
DRAWING NO: 3 OF 3

- SEDIMENT CONTROL GENERAL NOTES**
1. A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (992-2437).
  2. All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
  3. Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1; b) 15 days as to all other disturbed or graded areas on the project site.
  4. All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
  5. All disturbed areas must be stabilized within the time period specified above in accordance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings (Sec. 51) and (Sec. 54), temporary seeding (Sec. 50) and mulching (Sec. 52). Temporary stabilization with mulch alone can only be done when recommended seeding rates do not allow for proper germination and establishment of grasses.
  6. All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
  7. Site Analysis:
 

Total Area of Site	4,201 Acres
Area Disturbed	555 Acres
Area to be roofed or paved	536 Acres
Area to be vegetatively stabilized	20,035 Cu.Yds.
Total Cut	16,035 Cu.Yds.
Off-site waste/borrow area location	
  8. Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
  9. Additional sediment controls must be provided, if deemed necessary by the Howard County DPM sediment control inspector.
  10. On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.

- TEMPORARY SEEDING NOTES**
- Apply to graded or cleared areas likely to be redistributed where a short-term vegetative cover is needed.
- Seeded Preparation:** Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously loosened.
- Soil Amendments:** Apply 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft)
- Seeding:** For periods March 1 thru April 30 and from August 15 thru November 15, seed with 21 bushels per acre of annual rye (3.2 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 3 lbs. per acre of weeping lovegrass (0.7 lbs/1000 sq ft). For the period November 1 thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.
- Mulching:** Apply 1 1/2 to 2 tons per acre 670 to 90 lbs/1000 sq ft of unfrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gal per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes, 8 ft or higher, use 348 gal per acre (8 gal/1000 sq ft) for anchoring.
- Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

- PERMANENT SEEDING NOTES**
- Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.
- Seeded Preparation:** Loosen up three inches of soil by raking, discing or other acceptable means before seeding, if not previously loosened.
- Soil Amendments:** In lieu of soil test recommendations, use one of the following schedules:
- 1) Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq. ft.) before seeding. Harrow or disc into upper three inches of soil. At time of seeding, apply 600 lbs per acre 30-0-0 ureaform fertilizer (9 lbs/1000 sq. ft.)
  - 2) Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq. ft.) and 1000 lbs. per acre 10-10-10 fertilizer (23 lbs/1000 sq. ft.) before seeding. Harrow or disc into upper three inches of soil.
- Seeding -** For the periods March 1 thru April 30, and August 1 thru October 15, seed with 0 lbs per acre (1.4 lbs/1000 sq. ft.) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre (.05 lbs/1000 sq. ft.) of weeping lovegrass. During the period of October 1 thru February 28, protect site by Option (1) 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring. Option (2) Use sod. Option (3) Seed anchored straw.
- Mulching -** Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq. ft.) of unfrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq. ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq. ft.) for anchoring.
- Maintenance -** Inspect all seeded areas and make needed repairs, replacements and reseedings.

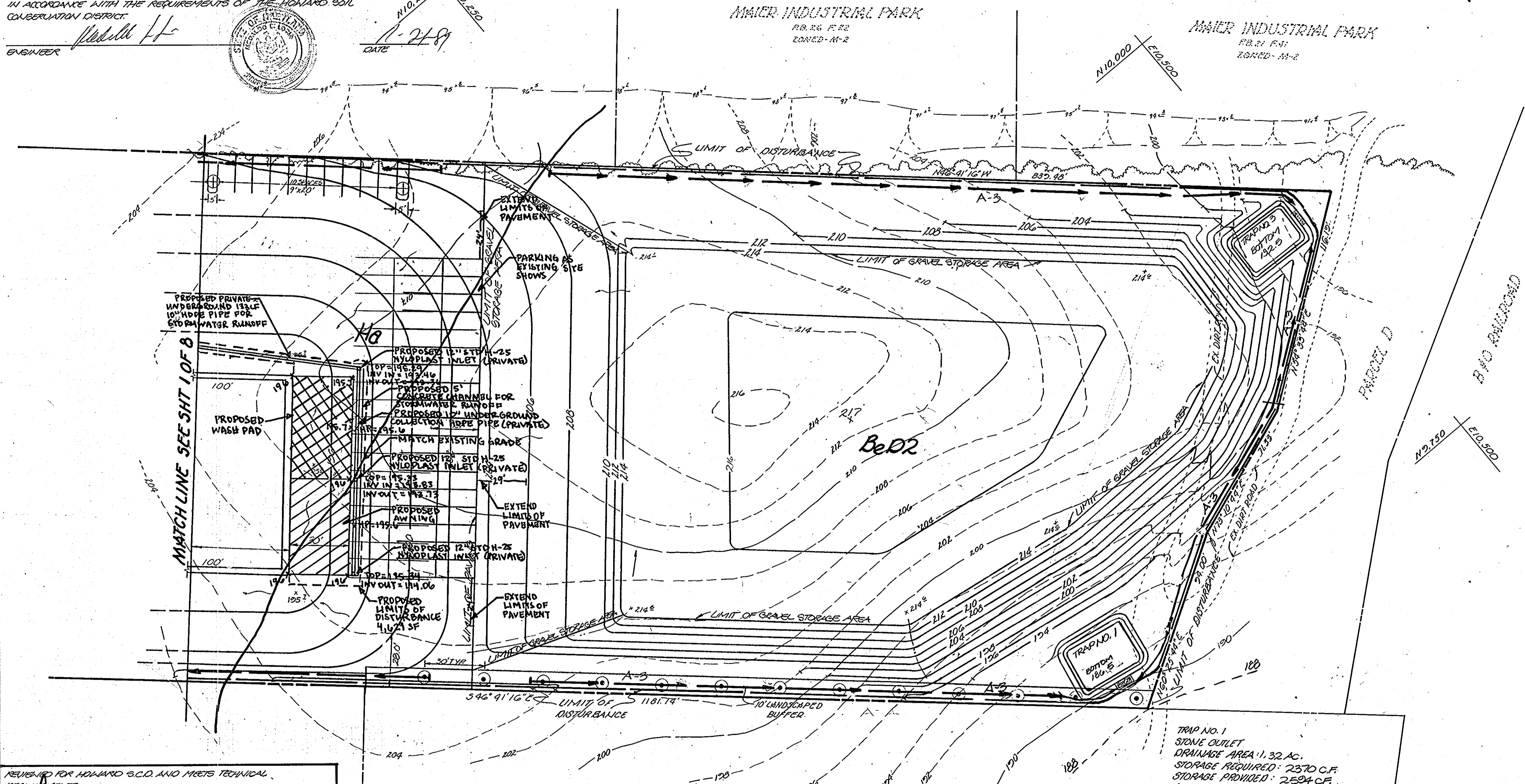


**DEVELOPERS CERTIFICATE**  
 I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF EROSION AND SEDIMENT BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

William T. Theros  
 DEVELOPER  
 11/20/89  
 DATE

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

Edell H.  
 ENGINEER  
 12-21-89  
 DATE



TRAP NO. 3  
 STONE OUTLET  
 DRAINAGE AREA = 0.93 AC.  
 STORAGE REQUIRED = 1764 CF  
 STORAGE PROVIDED = 1844 CF  
 OUTLET ELEVATION = 185  
 CLEANOUT ELEVATION = 184  
 INLET LENGTH = 8'  
 TRAP BOTTOM DIMENSION = 20' x 30'  
 BOTTOM ELEVATION = 182.5  
 SLOPE = 1:1

NOTE: FOR GENERAL NOTES AND VICINITY MAP SEE SHEET NO. 1 OF 8

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

James M. Hester  
 11-22-89  
 DATE

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

John L. Robertson  
 11/21/89  
 DATE

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

James M. Hester per J. S. Smith  
 12/8/89  
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

Howard Smith  
 12/21/89  
 DIRECTOR DATE

APPROVED: CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

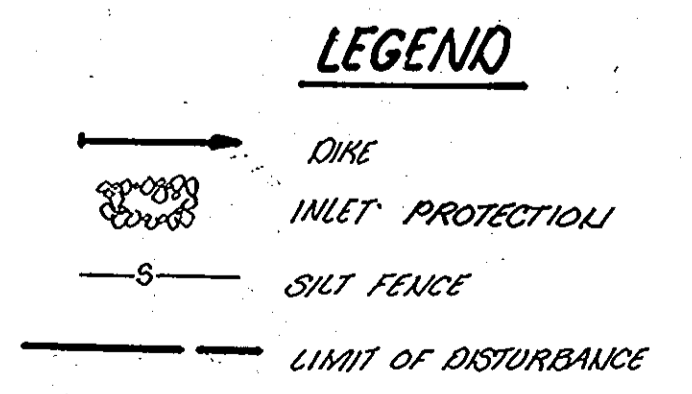
James J. Sawyer  
 12/21/89  
 DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

James J. Sawyer  
 12/5/89  
 DIRECTOR DATE

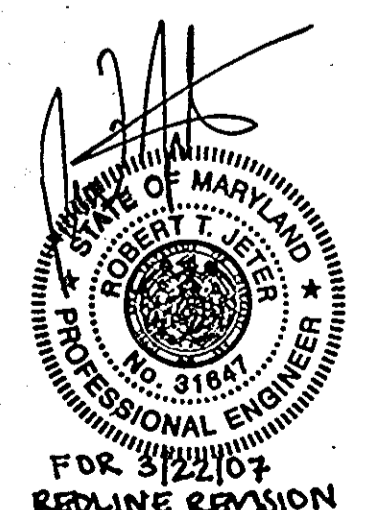
James J. Sawyer  
 12-5-89  
 CHIEF BUREAU OF ENGINEERING DATE

**APPROVED**  
 DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT  
 HOWARD COUNTY, MARYLAND  
 DATE \_\_\_\_\_



TRAP NO. 1  
 STONE OUTLET  
 DRAINAGE AREA = 1.32 AC.  
 STORAGE REQUIRED = 2570 CF  
 STORAGE PROVIDED = 2594 CF  
 OUTLET ELEVATION = 180  
 CLEAN OUT ELEVATION = 188  
 INLET LENGTH = 8'  
 TRAP BOTTOM DIMENSION = 25' x 35'  
 BOTTOM ELEVATION = 186.5  
 SLOPE = 1:1

**OWNER/DEVELOPER:**  
 TODD THEROS  
 McLEAN RENTALS INC.  
 1552 SPRINGHILL ROAD  
 McLEAN VA. 22102  
 (703) 350-8965



TITLE: <b>SEDIMENT CONTROL PLAN AND SOILS MAP</b>	PROJECT: <b>McLEAN RENTALS INC.</b>
LOCATION: SDP 78-79, 310-23-45, 110-85-22	ELECTION DISTRICT: <b>HOWARD</b> CO., MD.
SCALE: 1"=30'	DESIGNED BY: <b>R.S.D.</b>
FIELD BOOK: _____	PAGE NO.: _____
DATE: <b>JUNE 1989</b>	CHECKED BY: <b>R.S.D.</b>
JOB NO.: <b>88134</b>	DRAWING NO.: <b>6 OF 8</b>

**boender associates**  
 inc.  
 consulting engineers  
 land surveyors  
 land planners

COURTHOUSE SQUARE  
 3555 ELLCOTT MILLS DRIVE  
 ELLCOTT CITY, MD. 21043  
 (301) 465-7177

AS-BUILT SDP-89-157

**DEVELOPERS CERTIFICATE**

I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY.

William T. Theros  
DEVELOPER  
11/20/89  
DATE

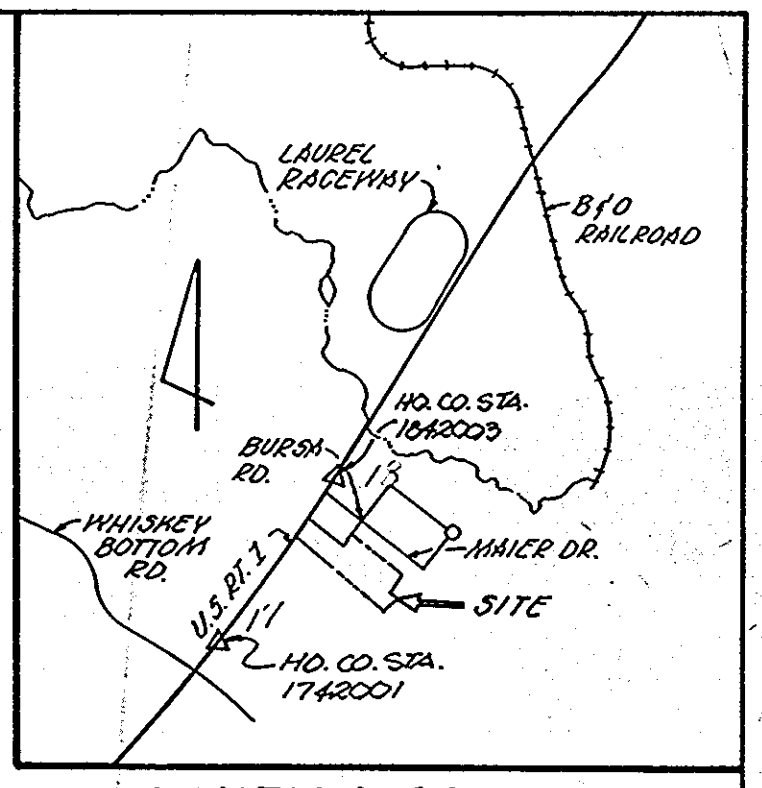
**ENGINEERS CERTIFICATE**

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

Michael J. ...  
ENGINEER  
12/21/89  
DATE

TRAP NO. 2  
STONE OUTLET  
DRAINAGE AREA: 3.87  
STORAGE REQUIRED: 6066 CU. FT.  
STORAGE PROVIDED: 7126 CU. FT.  
OUTLET ELEVATION: 176.0  
CLEAN OUT ELEVATION: 177.0  
BOTTOM ELEVATION: 173.0  
WEIR LENGTH: 16'  
TRAP DIMENSION: 35x40x16x16

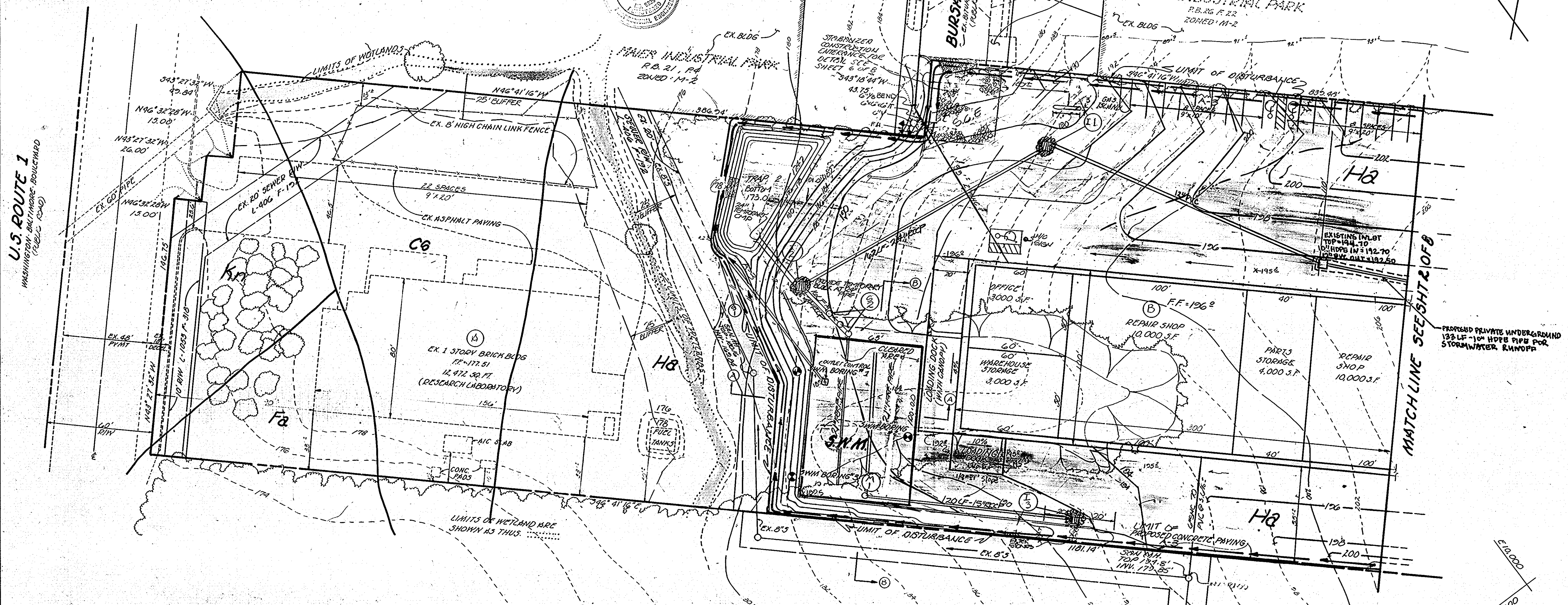
REVIEWED FOR HOWARD G.O. AND MEETS TECHNICAL REQUIREMENTS.  
James M. ...  
11-22-89  
DATE  
John D. ...  
11/21/89  
DATE



VICINITY MAP SCALE: 1"=2000'

**GENERAL NOTES**

- TAX MAP: 47 PARCEL: 542
- SUBJECT PROPERTY IS TIED TO THE MARYLAND STATE PLANE COORDINATE SYSTEM POINT NO. 1742.001 & 1842.003.
- PUBLIC UTILITY PUBLIC SEWERAGE SYSTEMS ARE TO BE UTILIZED FOR THIS SITE (SEE NOTE #14).
- BOUNDARY SHOWN HEREON IS BASED ON A PLAT PREPARED BY JAMES M. FOWLER ASSOC. AND SUPPLIED BY OWNER.
- TOPOGRAPHIC SURVEY SHOWN HEREON IS BASED ON A PLAT PREPARED BY JAMES M. FOWLER ASSOC. AND SUPPLIED BY OWNER.
- PROPOSED SITE USE (COMMERCIAL).
- CONTRACTOR TO VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING WORK.
- CONTRACTOR TO NOTIFY MISS UTILITY AT 1-800-237-7777, 48 HOURS PRIOR TO ANY CONSTRUCTION.
- THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION DIVISION OF HOWARD CO. AT 792-7272 AT LEAST 24 HOURS PRIOR TO BEGINNING CONSTRUCTION.
- DEED REFERENCE: 953/0667
- PROPOSED STORMWATER MANAGEMENT FACILITY WILL BE PRIVATELY OWNED AND MANAGED BY OWNER/DEVELOPER.
- TOTAL AREA OF SITE: 6.267 AC.
- EXISTING ZONING: M-2
- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL AND HOWARD COUNTY STANDARD SPECIFICATIONS.
- BUILDING WILL BE PROTECTED WITH AN APPROVED SPRINKLER SYSTEM.
- COMMERCIAL USE OF THE SITE WILL BE RETURN AND REPAIR OF EQUIPMENT.
- THERE WILL BE NO FUNCTIONAL RELATIONSHIP BETWEEN EXISTING BUILDING 'B' AND PROPOSED BUILDING 'B'.
- GRAVEL AREA SHALL BE USED FOR RENTAL EQUIPMENT AND VEHICLE STORAGE.
- EXTENSIVE GRADING IS NEEDED FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
- SOILS SHOWN HEREON ARE BASED ON HOWARD COUNTY SOILS SURVEY MAP NO. 34.
- ALL SOIL TYPES SHOWN HEREON ARE HYDRO CLASSIFICATION.



**LANDSCAPE SCHEDULE:**

NO.	SYMBOL	COMMON NAME	BOTANICAL NAME	SIZE
4	⊕	RED OAK	QUERCUS RUBRA	1 1/2" MIN. DIA. 8'-10' HT.
2 1/2	⊙	WHITE PINE	PINUS STROBUS	1 1/2" MIN. DIA. 8'-10' HT.

TAM REALTY CORP  
L-362 F-539  
ZONED M-2

NOTE: GRADING, STRUCTURES OR THE REMOVAL OF VEGETATIVE COVER WILL NOT BE PERMITTED WITHIN THE BUFFER AREA.

**LEGEND**

- DIKE
- INLET PROTECTION
- SILT FENCE
- LIMIT OF DISTURBANCE

- SYMBOLS:**
- SOIL BORE LOCATIONS
  - STORMWATER RUNOFF DIRECTION
  - WETLANDS
  - SLOPE DIRECTION
  - RIDGE LINE

DATE	REVISION	BY
5-22-87	REDLINE REVISION #1 - WAREHOUSE ADDITION	
5-28-87	REUSE S.D. (AS-BUILT)	JCO
1-14-89	ADJUSTIVE SPACES	JCO
8-3-89	S.C.S. COMMENTS - 7/14/89	JCO
12-20-89	REVISION #2 - 12/14/89, REUSE S.D.	JCO
		BY

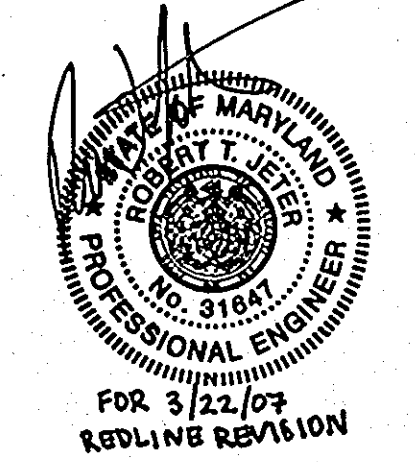
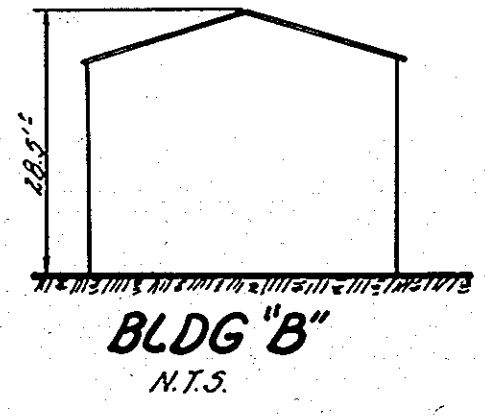
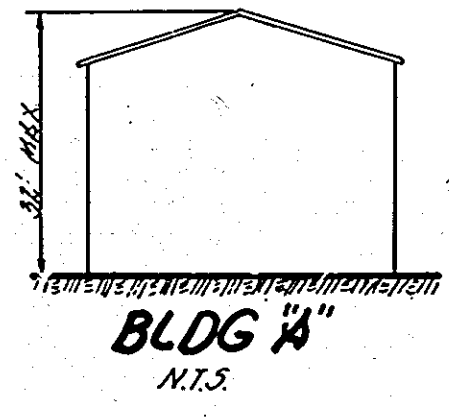
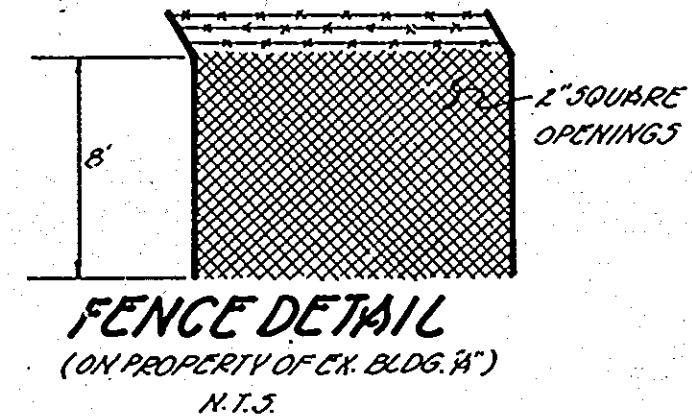
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.  
HOWARD COUNTY HEALTH DEPARTMENT  
James M. ...  
12/18/89  
DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING  
Director  
12/21/89  
DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
Director  
12/16/89  
DATE

**APPROVED**  
DIVISION OF  
COMMUNITY PLANNING  
& LAND DEVELOPMENT  
HOWARD COUNTY,  
MARYLAND  
DATE

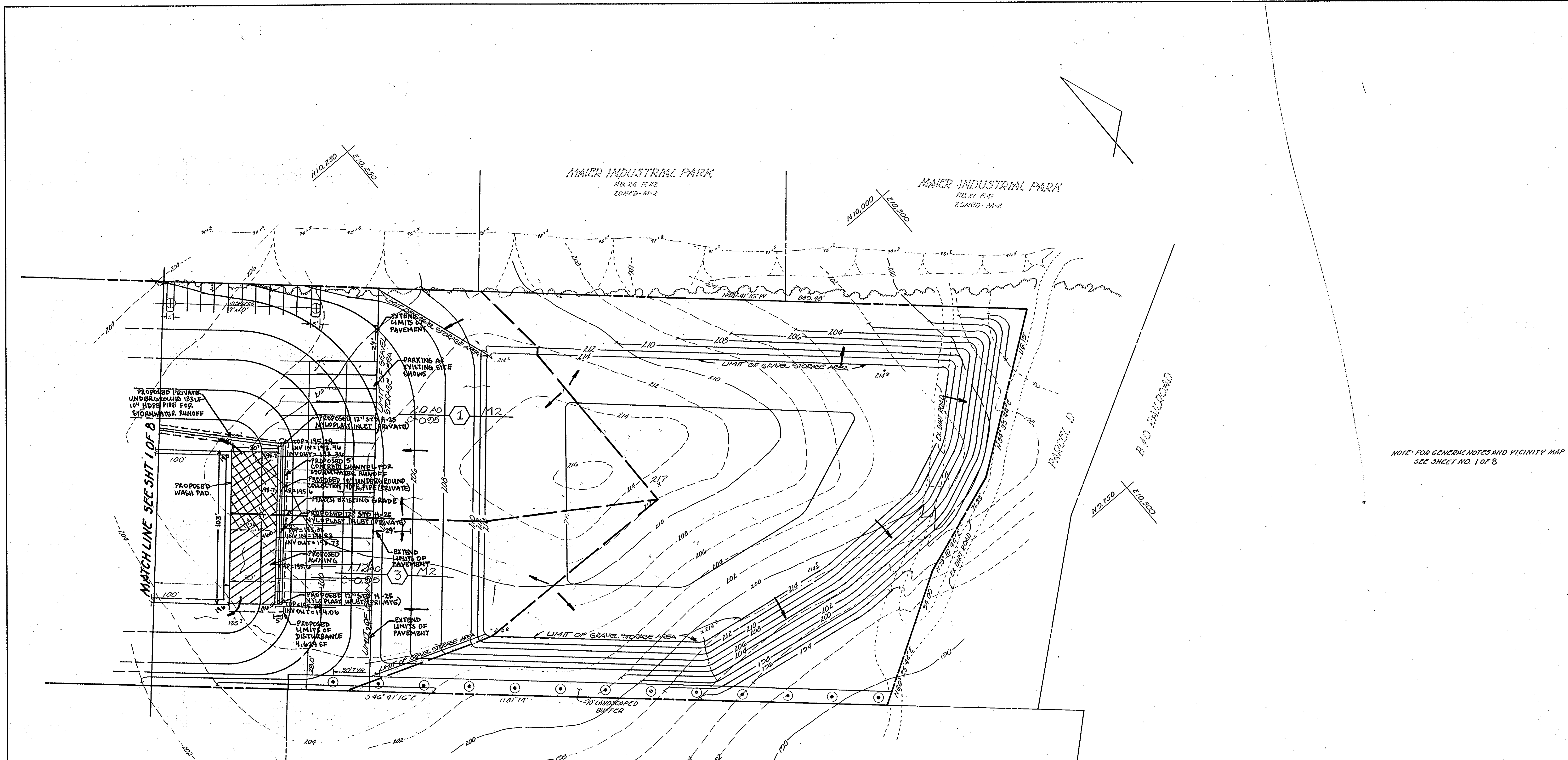
SUBDIVISION NAME	SECT./AREA	LOT/PARCEL #
McLEAN RENTALS		R542
PLAT / CR / L.P. / BLOCK	ZONE	TAX / USE / MAP
23	M-2	47
WATER CODE		ELEC. DIST.
		6
		CENSUS TR.
		8063
		SEWER CODE



**OWNER/DEVELOPER:**

TODD THEROS  
Mc LEAN RENTALS INC.  
1332 SPRINGHILL ROAD  
Mc LEAN VA. 22102  
(703) 550-8965

SUBDIVISION NAME	SECT./AREA	PARCEL NO.			
Mc LEAN RENTALS INC.		342			
PLAT NO. OR L.P.	BLOCK NO.	ZONE	TAX/ZONE MAP	ELEC. DIST.	CENSUS TR.
953/0667	23	M-2	47	6	6063
WATER CODE	SEWER CODE				
004	7100800				
TITLE	PROJECT				
SEDIMENT CONTROL PLAN AND SOILS MAP	McLEAN RENTALS INC.				
LOCATION	ELECTION DISTRICT				
SECT. 16-34 3176-83-44 14-83-24 6-22 501-84-10 501-84-13 6-22	HOMMED CO., MD.				
SCALE	DESIGNED BY	DRAWN BY	CHECKED BY	DATE	
1"=30'	R.S.D.	D.H.W.S.H.	R.S.D.	JUNE 1989	
FIELD BOOK	PAGE NO.	JOB NO.	DRAWING NO.		
		20134	5 of 8		



NOTE: FOR GENERAL NOTES AND VICINITY MAP SEE SHEET NO. 1 OF 8

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS  
*James M. T. Helm* 11-22-89  
 SOIL CONSERVATION SERVICE DATE

THE DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT  
*John H. Robertson* 11/21/89  
 SOIL CONSERVATION DISTRICT DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.  
 HOWARD COUNTY HEALTH DEPARTMENT  
*James M. Bond* 12/18/89  
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING  
*Howard Keith* 12/21/89  
 DIRECTOR DATE

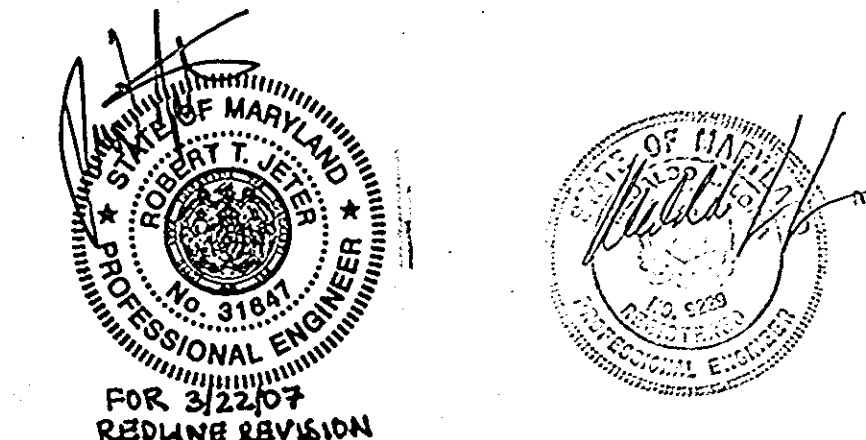
*Wash J. J. Gay Jr.* 12/24/89  
 CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*James J. Lewis* 12/15/89  
 DIRECTOR DATE

*William S. Ray* 12-2-89  
 CHIEF BUREAU OF ENGINEERING DATE

**APPROVED**  
 DIVISION OF  
 COMMUNITY PLANNING  
 & LAND DEVELOPMENT  
 HOWARD COUNTY,  
 MARYLAND  
 DATE \_\_\_\_\_

PFISTERS MOBILE HOME'S PARK INC  
 L-304 E-400  
 ZONED M-2



DATE	REVISION	BY
3-22-07	REVISIONS REVISION #1	
8-3-80	WASH JAC ADDITION	
6-20-80	S.C.S. COMMENTS #1 & #2	JCO
	REVISIONS #1 & #2	JCO

OWNER/DEVELOPER:  
 TODD THEROS  
 Mc LEAN RENTALS INC.  
 1552 SPRINGHILL ROAD  
 MCGLEAN VA. 22102  
 (703) 550-8965

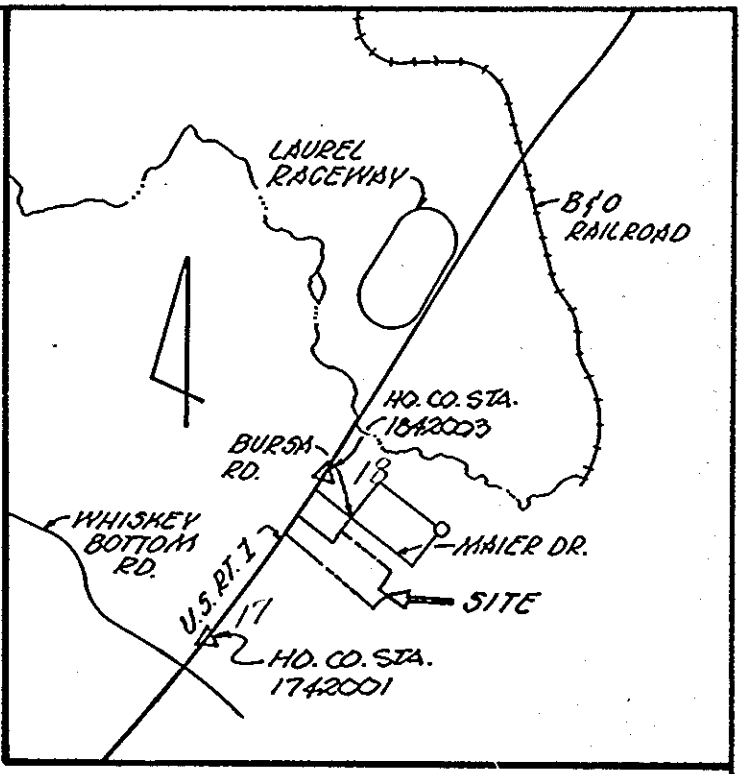
TITLE: **DRAINAGE AREA MAP**  
 PROJECT: **MCGLEAN RENTALS INC.**  
 LOCATION: SEC. 06-79A, 510-23-44, TP. 40-22  
 6 W. 41 84-143, 11P. 21-134  
 ELECTION DISTRICT: **HOWARD** CO., MD.

SCALE: 1"=30'  
 DESIGNED BY: R.S.D.  
 DRAWN BY: D. WELSH  
 CHECKED BY: R.S.D.  
 DATE: JUNE 1989

FIELD BOOK: \_\_\_\_\_ PAGE NO.: \_\_\_\_\_ JOB NO.: 88134  
 DRAWING NO.: 2 OF 3

**boender associates**  
 inc.  
 consulting engineers  
 land surveyors  
 land planners  
 COURTHOUSE SQUARE  
 3565 ELLICOTT MILLS DRIVE  
 ELLICOTT CITY, MD. 21043  
 (301) 465-1777

DATE	REVISION	BY
6-22-89	3-MINUTE TO R 2, PUBLIC UTILITIES	JCO
8-3-89	P.C.S. COMMENTS - 7/24/89	JCO
1-14-91	ADJUST H/C SPACES	JCO
5-23-91	REVISED S.D. (AS-BUILT)	JCO
8-11-91	REVISIONS FOR UTILITY	JCO
	ADDITIONAL	



VICINITY MAP SCALE: 1"=200'

**GENERAL NOTES**

1. TAX MAP: 47 PARCEL: 542
2. SUBJECT PROPERTY IS TIED TO THE MARYLAND STATE PLANE COORDINATE SYSTEM POINT NO. 1742001 & 1742003.
3. PUBLIC WATER/PUBLIC SEWERAGE SYSTEMS ARE TO BE UTILIZED FOR THIS SITE (SEE NOTE 16/9).
4. BOUNDARY SHOWN HEREON IS BASED ON A PLAT PREPARED BY JAMES M. FOWLER ASSOC. AND SUPPLIED BY OWNER.
5. TOPOGRAPHIC SURVEY SHOWN HEREON IS BASED ON A PLAT PREPARED BY JAMES M. FOWLER ASSOC. AND SUPPLIED BY OWNER.
6. PROPOSED SITE USE (COMMERCIAL).
7. CONTRACTOR TO VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING WORK.
8. CONTRACTOR TO NOTIFY MISS UTILITY AT 1-800-257-7777, 48 HOURS PRIOR TO ANY CONSTRUCTION.
9. THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION DIVISION OF HOWARD CO. AT 792-7872 AT LEAST 24 HOURS PRIOR TO BEGINNING CONSTRUCTION.
10. DEED REFERENCE: 425/0667
11. PROPOSED STORMWATER MANAGEMENT FACILITY WILL BE PRIVATELY OWNED AND MANAGED BY OWNER/DEVELOPER
12. TOTAL AREA OF SITE: 6.367 AC.
13. EXISTING ZONING: M-2
14. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL AND HOWARD COUNTY STANDARD SPECIFICATIONS.
15. BUILDING WILL BE PROTECTED WITH AN APPROVED SPRINKLER SYSTEM.
16. COMMERCIAL USE OF THE SITE WILL BE REPAIR AND REPAIR OF EQUIPMENT.
17. THERE SHALL BE NO FUNCTIONAL RELATIONSHIP BETWEEN EXISTING BUILDING 'B' AND PROPOSED BUILDING 'B'.
18. GRAVEL AREA SHALL BE USED FOR REPAIR EQUIPMENT AND VEHICLE STORAGE.
19. EXTENSIVE GRADING IS NEEDED FOR PARKING/STORAGE TO OCCUR.

1"=24" RCP  
V=3.7' per SEC  
Q=11.79 CFS

TRANSP. PRIVATE UNDERGROUND 12" L.F. - 10" HOPE PIPES FOR STORMWATER QUANTIFY

U.S. ROUTE 1  
WASHINGTON, BALTIMORE, BOULDER RD  
(PUBLIC ROAD)

**LANDSCAPE SCHEDULE:**

NO.	SYMBOL	COMMON NAME	BOTANICAL NAME	SIZE
4	⊕	RED OAK	ACER RUBRUM	1 1/2" MIN. DIA. 6'-10" HT.
24	⊙	WHITE PINE	PINUS STROBUS	2 1/2" MIN. DIA. 8'-10" HT.

REVIEWED FOR HOWARD S.D. AND MEETS TECHNICAL REQUIREMENTS  
*James M. Stelman* 11-22-89  
U.S. SOIL CONSERVATION SERVICE  
DATE

THIS DEVELOPMENT IS APPROVED SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT  
*John K. Pletcher* 4/21/89  
SOIL CONSERVATION DISTRICT  
DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.  
HOWARD COUNTY HEALTH DEPARTMENT  
*James M. Bond* per *John* 12/18/89  
COUNTY HEALTH OFFICER  
DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING  
*James M. Bond* 12/21/89  
DATE

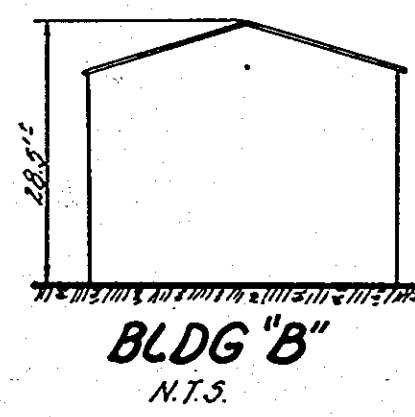
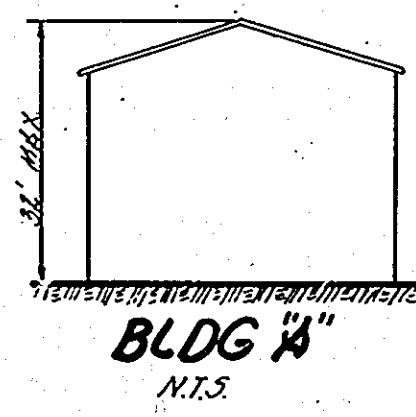
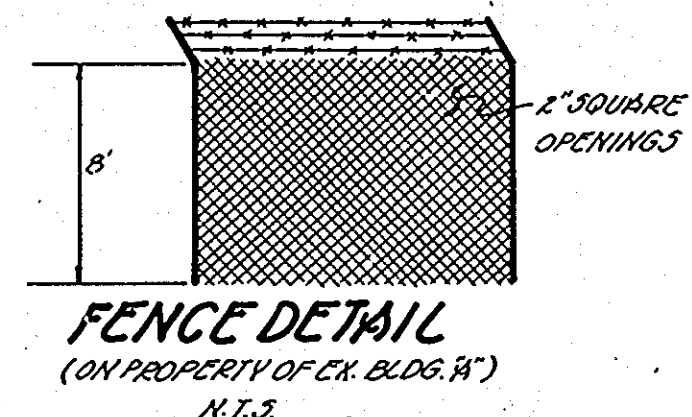
CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT  
*James M. Bond* 1/21/89  
DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*James M. Bond* 12/15/89  
DIRECTOR  
DATE

*James M. Bond* 12/5/89  
CHIEF BUREAU OF ENGINEERING  
DATE

**APPROVED**  
DIVISION OF  
COMMUNITY PLANNING  
& LAND DEVELOPMENT  
HOWARD COUNTY,  
MARYLAND  
DATE \_\_\_\_\_

SUBDIVISION NAME	SECT./AREA	LOT/PARCEL #
McLEAN RENTALS		R542
FLAT # OR L.P. BLOCK #	ZONE	TAX/USE MAP
23	M-2	47
ELEC. DIST.	GEN. TR.	
6	6063	
WATER CODE	SEWER CODE	



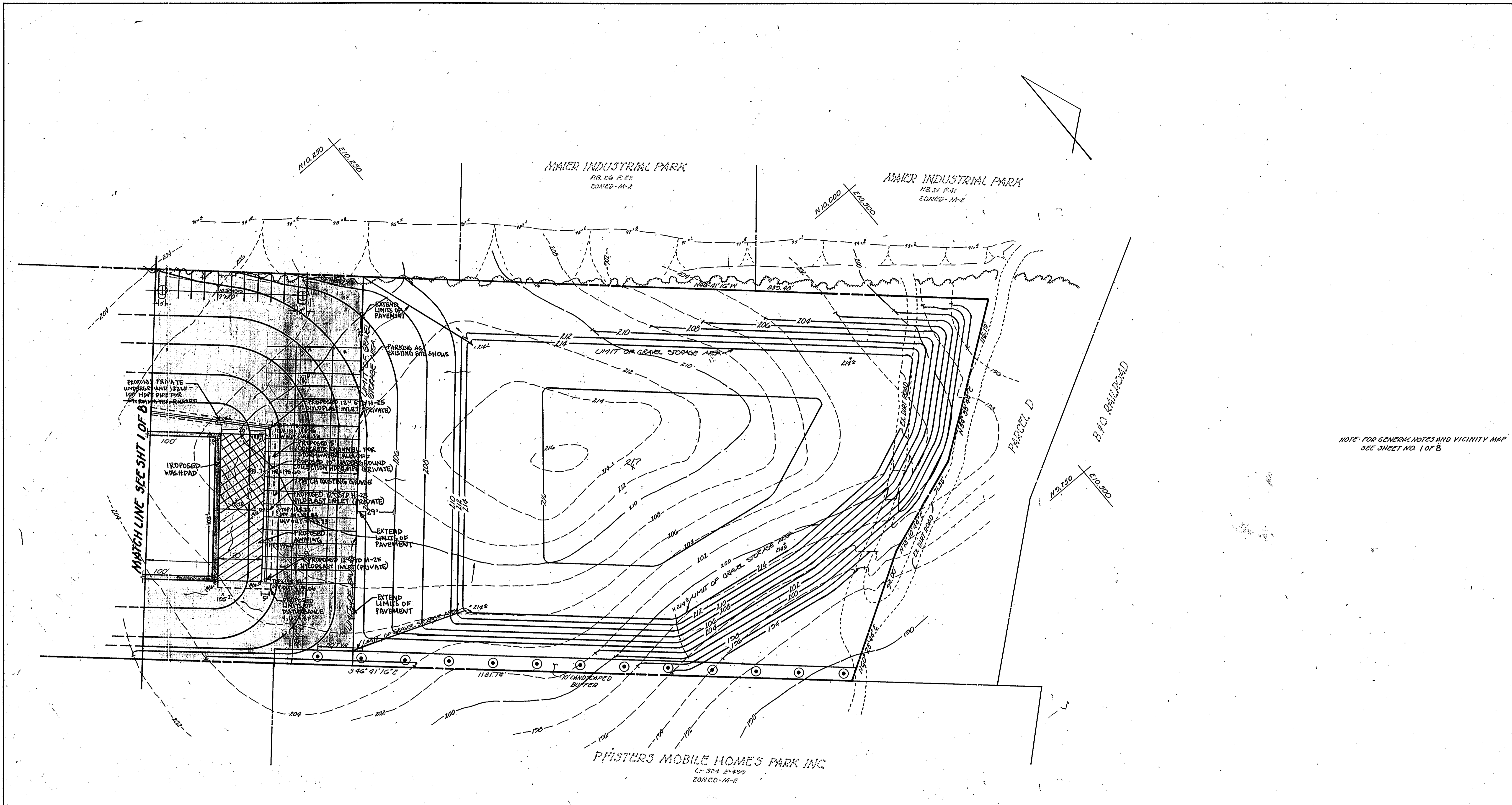
NOTE: GRADING, STRUCTURES OR THE REMOVAL OF VEGETATIVE COVER WILL NOT BE PERMITTED WITHIN THE BUFFER AREA.

- SYMBOLS:**
- SOIL BORE LOCATIONS
  - STORMWATER RUNOFF DIRECTION
  - WETLANDS
  - SLOPE DIRECTION
  - RIDGE LINE

**OWNER/DEVELOPER:**  
TODD THEROS  
Mc LEAN RENTALS INC.  
1552 SPRINGHILL ROAD  
Mc LEAN VA. 22102  
(703) 530-8965

SUBDIVISION NAME	SECT./AREA	PARCEL NO.			
Mc LEAN RENTALS INC.		542			
PLAT NO. OR L.P.	BLOCK NO.	ZONE	TAX/USE MAP	ELEC. DIST.	GEN. TR.
925/0667	23	M-2	47	6	6063
WATER CODE	SEWER CODE				
604	7100800				
TITLE	boender associates inc.				
DRAINAGE AREA MAP	consulting engineers land surveyors land planners				
PROJECT	McLEAN RENTALS INC.				
LOCATION: 3075 76-31, 3075 85-74, 174 25-22, 3075 84-140, 3075 87-136	COURTHOUSE SQUARE ELICOTT MILLS DRIVE ELICOTT CITY, MD. 21043 13011 465-7777				
6 W. ELECTION DISTRICT HOWARD CO. MD.					
SCALE:	DESIGNED BY:	CHECKED BY:	DATE:		
1"=30'	R.S.O.	R.S.O.	JUNE, 1989		
FIELD BOOK:	PAGE NO.:	JOB NO.:	DRAWING NO.:		
		89134	3 OF 8		

AS-BUILT SDP-89-157



NOTE: FOR GENERAL NOTES AND VICINITY MAP SEE SHEET NO. 1 OF 8

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.  
 HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER *[Signature]* 12/8/89  
 IN CHARGE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING  
 DIRECTOR *[Signature]* 12/21/89  
 IN CHARGE

CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT  
 DEPT. *[Signature]* 12/1/89  
 IN CHARGE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE.  
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIRECTOR *[Signature]* 12/5/89  
 IN CHARGE

APPROVED  
 DIVISION of  
 COMMUNITY PLANNING  
 & LAND DEVELOPMENT  
 HOWARD COUNTY,  
 MARYLAND  
 DATE \_\_\_\_\_

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS.  
 COUNTY HEALTH OFFICER *[Signature]* 11-22-89  
 IN CHARGE

THIS DEVELOPMENT IS APPROVED SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
 DISTRICT ENGINEER *[Signature]* 11/2/89  
 IN CHARGE



DATE	REVISION	BY
6-20-80	REVISED OFFICE PLAN	JCO
8-3-80	S.C.S. COMMENTS - 7/24/80	JCO
3-22-01	REVISIONS TO WASHPAD ADDITION	

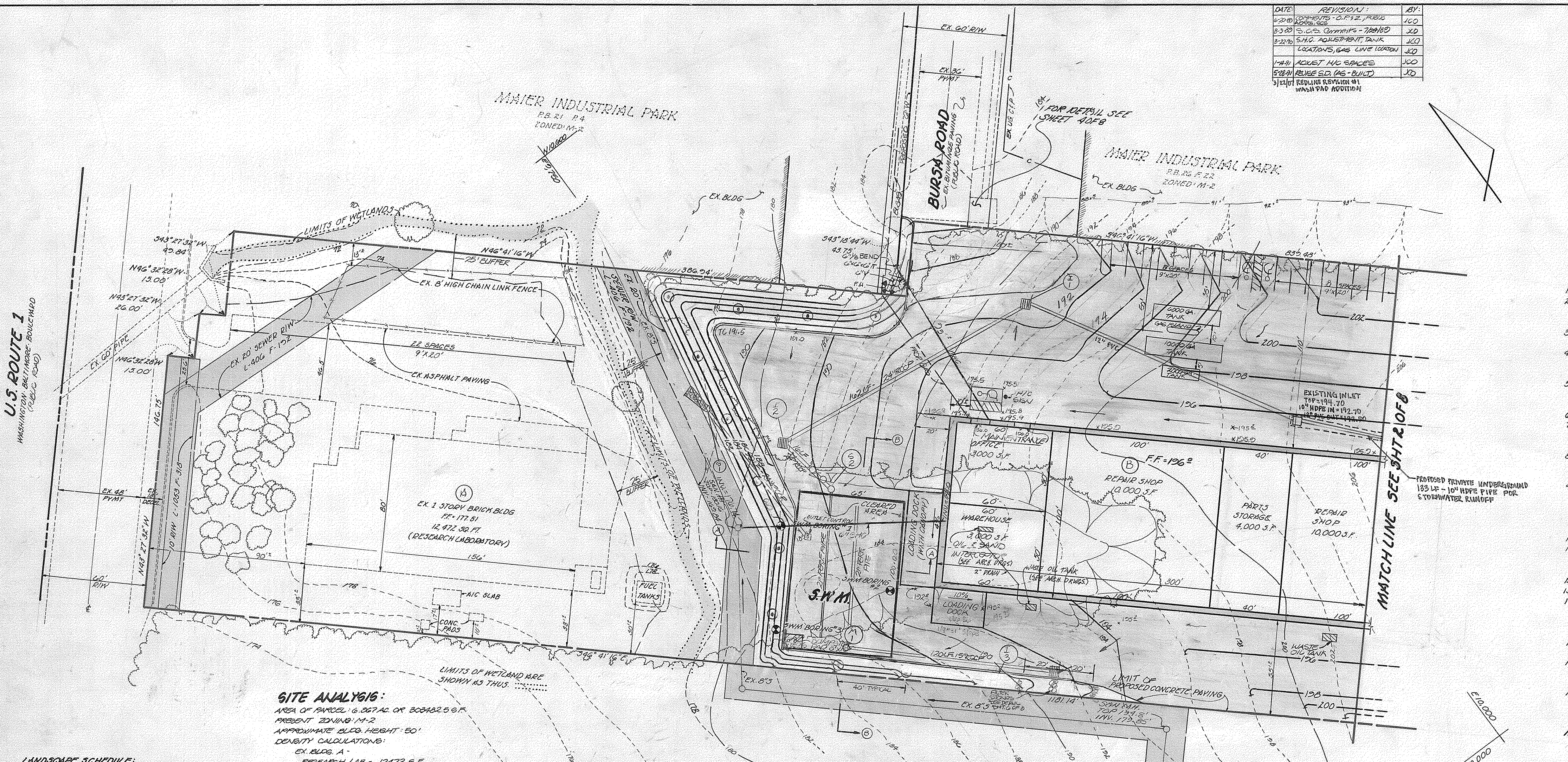
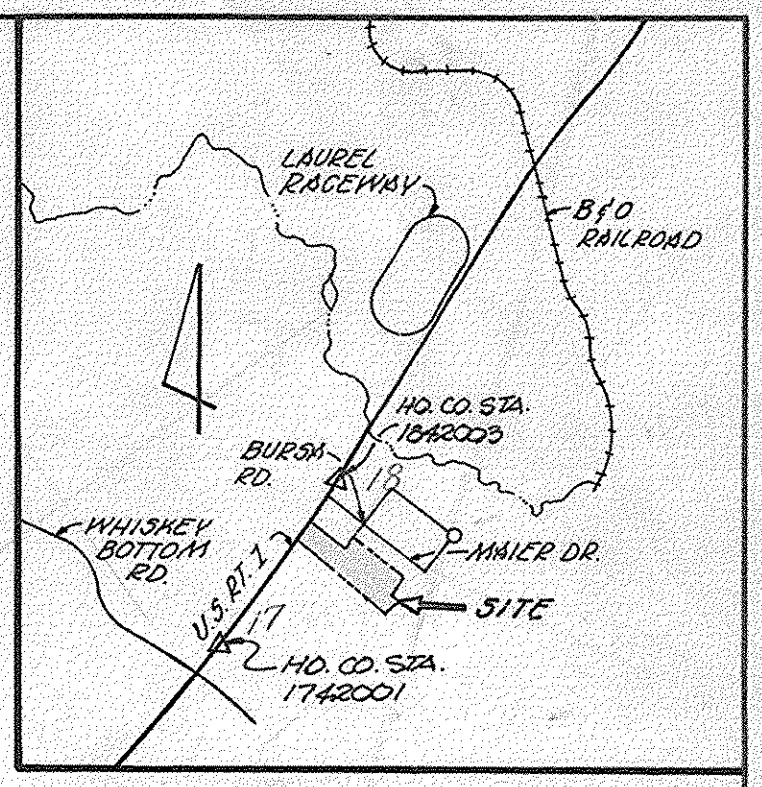
OWNER/DEVELOPER:  
 TODD THEROS  
 McLEAN RENTALS INC.  
 1552 SPRINGHILL ROAD  
 McLEAN VA. 22102  
 (703) 550-8965

boender associates  
 inc.  
 consulting engineers  
 land surveyors  
 land planners  
 COURTHOUSE SQUARE  
 3565 ELLICOTT MILLS DRIVE  
 ELLICOTT CITY, MD. 21043  
 (301) 465-7777

TITLE: SITE DEVELOPMENT PLAN			
PROJECT: McLEAN RENTALS INC.			
LOCATION: SDP 76-94, SDP 85-44, VD 85-22 G by SDP 84-140, SDP 87-36 HOWARD CO., MD.			
SCALE: 1"=30'	DESIGNED BY: R.S.D.	DRAWN BY: D. WELSH	CHECKED BY: R.S.D.
FIELD BOOK: -	PAGE NO.: -	JOB NO.: 88134	DATE: JUNE, 1989
DRAWING NO.: 1 OF 8			

AS-BUILT SDP 89-157

DATE	REVISION	BY
12-21-89	COMMENTS - D.F. 12, PUBLIC	JCO
12-21-89	COMMENTS - 7/24/89	JCO
12-21-89	S.H.G. ADJUSTMENT, BANK	JCO
12-21-89	LOCATIONS, GAS LINE (WASH)	JCO
12-21-89	ADJUST. NO. SPACES	JCO
12-21-89	REUSE S.D. (AS-BUILT)	JCO
12-21-89	REDLINE REVISION #11	JCO
12-21-89	WASH PAD ADJUST	JCO



**GENERAL NOTES**

- TAX MAP: 47 PARCEL: 342
- SUBJECT PROPERTY IS TIED TO THE MARYLAND STATE PLANE COORDINATE SYSTEM POINT NO. 1742 DD 1 1042003.
- PUBLIC UTILITY PUBLIC SEWERAGE SYSTEMS ARE TO BE UTILIZED FOR THIS SITE (SEE NOTE 16).
- BOUNDARY SHOWN HEREON IS BASED ON A PLAT PREPARED BY JAMES M. FOWLER ASSOC. AND SUPPLIED BY OWNER.
- TOPOGRAPHIC SURVEY SHOWN HEREON IS BASED ON A PLAT PREPARED BY JAMES M. FOWLER ASSOC. AND SUPPLIED BY OWNER.
- PROPOSED SITE USE (COMMERCIAL)
- CONTRACTOR TO VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING WORK.
- CONTRACTOR TO NOTIFY MISS UTILITY AT 1-800-257-7777, 48 HOURS PRIOR TO ANY CONSTRUCTION.
- THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION DIVISION OF HOWARD CO. AT 792-7272 AT LEAST 24 HOURS PRIOR TO BEGINNING CONSTRUCTION.
- DEED REFERENCE: 925/0667
- PROPOSED STORMWATER MANAGEMENT FACILITY WILL BE PRIVATELY OWNED AND MANAGED BY OWNER/DEVELOPER.
- TOTAL AREA OF SITE: 6.267 AC.
- EXISTING ZONING: M-2
- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL AND HOWARD COUNTY STANDARD SPECIFICATIONS.
- BUILDING WILL BE PROTECTED WITH AN APPROVED SPRINKLER SYSTEM.
- COMMERCIAL USE OF THE SITE WILL BE RENTAL AND REPAIR OF EQUIPMENT.
- THERE WILL BE NO FUNCTIONAL RELATIONSHIP BETWEEN EXISTING BUILDING 'A' AND PROPOSED BUILDING 'B'.
- GRAVEL AREA SHALL BE USED FOR RENTAL EQUIPMENT AND VEHICLE STORAGE.
- EXTENSIVE GRADING IS NEEDED FOR PARKING AREAS TO OCCUR.

**SITE ANALYSIS:**

AREA OF PARCEL: 6.267 AC. OR 300425.6 SF  
 PRESENT ZONING: M-2  
 APPROXIMATE BLDG. HEIGHT: 50'  
 DENSITY CALCULATIONS:

EX. BLDG. A - RESEARCH LAB - 12472 S.F.  
 PROP. BLDG. B - WAREHOUSE STORAGE - 3000 S.F.  
 OFFICE - 3000 S.F.  
 REPAIR SHOP - 2000 S.F.  
 PARTS STORAGE - 4000 S.F.  
 TOTAL - 4000 S.F.

TOTAL BLDG. COVERAGE: 42472 S.F.  
 TOTAL AREA OF PARKING LOT: 4.89 AC. OR 70.19% OF TOTAL SITE  
 TOTAL AREA OF LANDSCAPED ISLANDS: 0.38 AC. OR 7.77% OF TOTAL SITE  
 TOTAL AREA OF OPEN SPACE: 1.35 AC. OR 20% OF TOTAL SITE

BLDG.	USE	AREA	NO. OF EMPLOYEES	SPACES REQ'D	SPACES PROVIDED
A	RESEARCH LAB	12472 S.F.	15	11	22
B	WAREHOUSE	3000 S.F.	6	3	9
	OFFICE	3000 S.F.	12	9	12
	REPAIR SHOP	2000 S.F.	10	40	4
	PARTS STORAGE	4000 S.F.	8	36	66 INCLUDING 3 H/C SPACES
	TOTAL BLDG. B	30	36	88	
	TOTAL SITE	61	67	88	

**LANDSCAPE SCHEDULE:**  
 NO. SYMBOL COMMON NAME BOTANICAL NAME SIZE  
 + ⊕ RED OAK QUERCUS RUBRA 2 1/2" MIN. O.K. 5'-10' HT.  
 24. ⊙ WHITE PINE PINUS STROBUS 2 1/2" MIN. O.K. 8'-10' HT.

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS  
 11-22-89  
 SOIL CONSERVATION SERVICE  
 THIS DEVELOPMENT IS APPROVED SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
 11/21/89  
 SOIL CONSERVATION DISTRICT

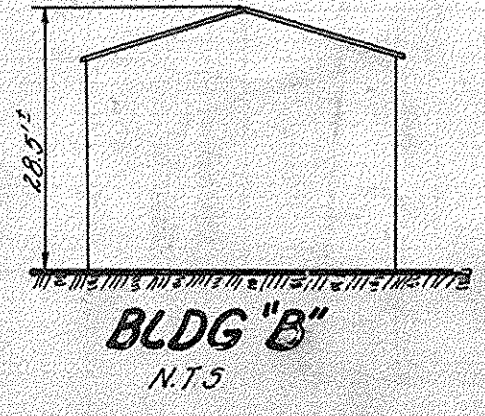
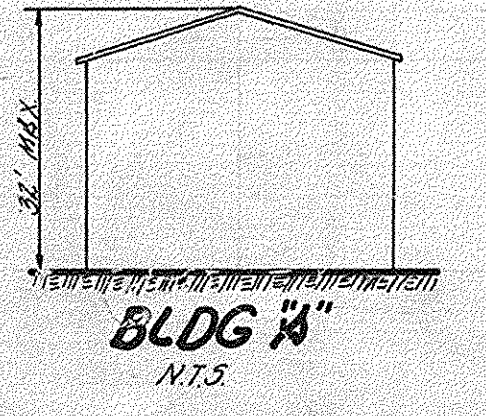
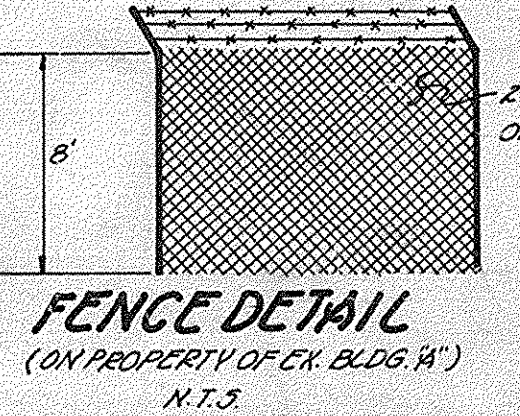
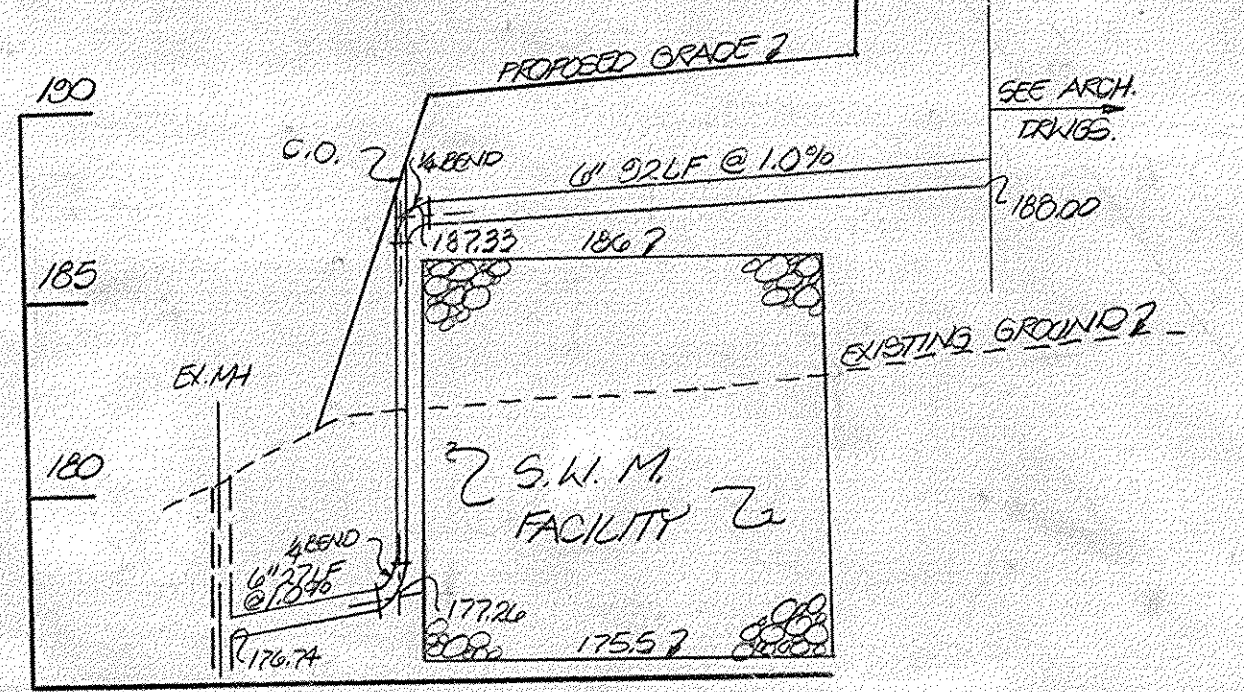
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS  
 HOWARD COUNTY HEALTH DEPARTMENT  
 12/8/89  
 APPROVED HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
 12/20/89  
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 12/15/89  
 CHIEF BUREAU OF ENGINEERING

**APPROVED**  
 DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT  
 HOWARD COUNTY, MARYLAND  
 DATE: \_\_\_\_\_

REVISION	DATE	BY	DESCRIPTION
1	12/21/89	JCO	ISSUED

ADDRESS CHART  
 LOT: 205 B  
 STREET ADDRESS: 9180 BURSA ROAD

NOTE: GRADING, STRUCTURES OR THE REMOVAL OF VEGETATIVE COVER WILL NOT BE PERMITTED WITHIN THE BUFFER AREA.



**SYMBOLS:**  
 ● SOIL BORE LOCATIONS  
 → STORMWATER RUNOFF DIRECTION  
 ..... WETLANDS  
 - - - SLOPE DIRECTION  
 ——— RIDGE LINE

Professional Engineer Seal for J. D. Hill, No. 16447, State of Maryland.

Professional Engineer Seal for J. D. Hill, No. 16447, State of Maryland.

**OWNER/DEVELOPER:**  
 TODD THORNS  
 McLEAN RENTALS INC.  
 1532 SPRINGHILL ROAD  
 McLEAN VA 22102  
 (703) 530-8965

TITLE: <b>SITE DEVELOPMENT PLAN</b>		PROJECT: <b>McLEAN RENTALS INC.</b>		boender associates inc.	
LOCATION: SDP-89-15A SDP-89-15B YV-85-22		DESIGNED BY: R.S.D.		consulting engineers	
SCALE: 1"=30'		DRAWN BY: J. HILL		land surveyors	
FIELD BOOK: _____		CHECKED BY: R.S.D.		land planners	
PAGE NO.: _____		DATE: JUNE, 1989		COURTNEY SQUARE 3565 ELLICOTT MILLS DRIVE ELLICOTT CITY, MD 21043 1301 465-7777	
JOB NO.: 89/34		DRAWING NO.: 1 OF 8		AS-BUILT 12-20-91 SDP-89-157	