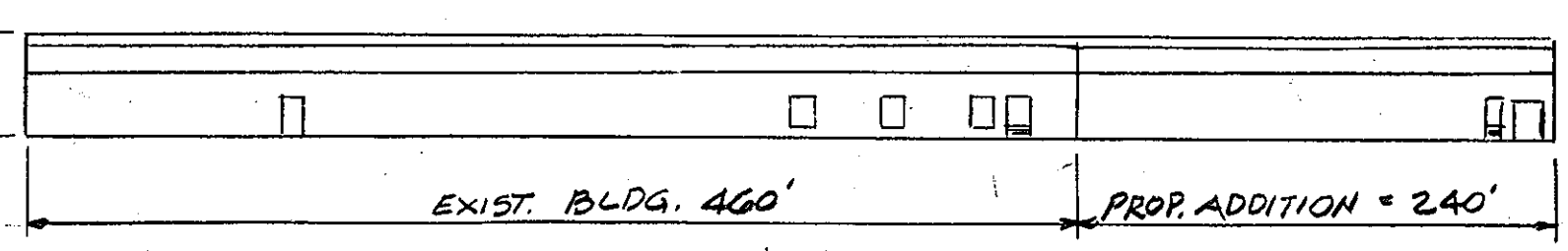
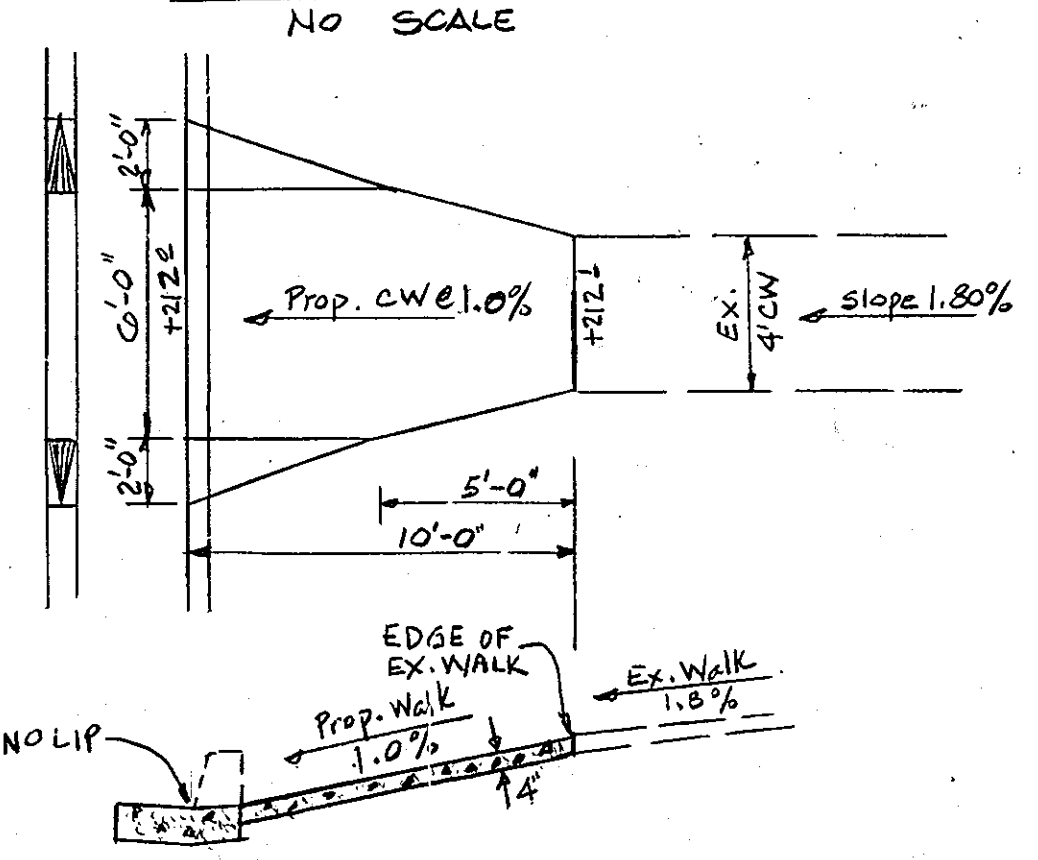


**SITE ANALYSIS**

- AREA OF SITE: 18.0 AC.±
- EXISTING ZONING: M-2 (HEAVY INDUSTRIAL)
- FLOOR SPACE: EXIST. 73,600 SF (OFFICE 8,680 SF, WAREHOUSE 64,920 SF)  
PROP. 60,000 SF (WAREHOUSE)  
TOTAL 133,600 SF
- OPEN SPACE: 18.0 AC.± x 0.20 = 3.6 AC. (20% OF TOTAL)
- GREEN AREA: 3.6 AC. (20%)
- NUMBER OF EMPLOYEES: 20 OFFICE & 75 WAREHOUSE
- PARKING REQUIREMENT: 20 OFFICE @ 7 P.S./10 PERSONS = 14 P.S.  
(TWO SHIFTS) 75 WAREHOUSE @ 1 P.S./EMPLOYEE = 75 P.S.  
TOTAL PARKING SPACES PROVIDED: 80 (INCL. 4 H.C.) 52 P.S. REQ'D.
- BUILDING COVERAGE OF SITE: 135,040 SF AND 17%
- PARKING LOT AREA = 18,432
- LANDSCAPED ISLAND AREA = 972 SF (5% OF TOTAL)
- LANDSCAPING TO BE IN ACCORDANCE TO HOWARD COUNTY REGULATIONS, SEE LANDSCAPE PLAN SHT. G06G.
- F-89-65, P.N. 8615
- SWM HAS BEEN ADDRESSED UNDER REDEVELOPMENT CRITERIA AND A NON-ROOFTOP DISCONNECTION CREDIT.



**SOUTH ELEVATION**



**CONSTRUCTION NOTES**

- MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES TO HIS OWN SATISFACTION BEFORE STARTING CONSTRUCTION.
- THE CONTRACTOR SHALL NOTIFY THE C&P TELEPHONE COMPANY AND THE GAS & ELECTRIC COMPANY FIVE DAYS PRIOR TO STARTING WORK SHOWN ON THESE PLANS BY CALLING "MISS UTILITY", CALL COLLECT 1-559-0100.
- THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF 3'-5" COVER OVER ALL PROPOSED WATER LINES.
- THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF 1'-0" CLEARANCE AT ALL WATER, SEWER AND STORM DRAIN CROSSINGS.
- THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION / SURVEY DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT 992-2417 OR 992-2418.
- ALL REINFORCED CONCRETE PIPE SHALL BE CLASS II.
- MANHOLE SHALL BE PRECAST IN ACCORDANCE WITH HOWARD COUNTY STANDARD G-511.
- HANDICAPPED PARKING SIGN SHALL CONFORM TO STATE OF MARYLAND HIGHWAY SIGNS BOOKLET, DETAIL RT-8. BOTTOM EDGE OF SIGN MOUNTED 7'-6" MIN. ABOVE GRADE. ADDITIONAL SIGN DISPLAYING AMOUNT OF FINE SHALL BE MOUNTED NO LOWER THAN 7'-0" ABOVE GRADE (HOWARD COUNTY COUNCIL BILL 58-84).
- SHADED AREA DENOTES NEW PAVEMENT.
- THE FIRE DEPARTMENT SIAMISE SUPPLYING THE SPRINKLER SYSTEM FOR THE EXISTING BUILDING AND THE PROPOSED ADDITION SHALL BE INTERCONNECTED.
- SLUDGE TANK COLLECTS NON-TOXIC FLOOR CLEANING EFFLUENT FOR DISPOSAL.

ADDRESS CHART	
LOT NO.	STREET ADDRESS
PARCEL 1/161	8441 DORSEY RUN RD.

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

James J. ... DIRECTOR 12/16/88 DATE

... CHIEF BUREAU OF ENGINEERING 12-6-88 DATE

APPROVED FOR PUBLIC WATER SYSTEMS AND PRIVATE SEWER SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT

... COUNTY HEALTH OFFICER 12-8-88 DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING

... PLANNING DIRECTOR 12/28/88 DATE

... CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT 12-23-88 DATE

FINAL PLAT REFERENCE 77-13  
BUILDING ADDITION TO SDP77-07  
WILKINS - ROGERS BUILDING

**PROFESSIONAL CERTIFICATION**

I hereby certify that these documents were prepared or approved by me, and that I am a duly Licensed Professional Engineer under the laws of the State of Maryland

License number: 6519 Expiration date: 8/23/2013

DATE	REVISIONS
10/10/11	ADDED HC RAMP, ADJUST PARKING COUNT
7-28-88	ENLARGED PARKING AREA S. SIDE EX. BLDG.
8-31-94	ADDED STORAGE SHED (14'x50')
1-31-95	ADDED STORAGE SHED (24'x60')
8-08-11	RAISED EX. GUARD HOUSE & BLOCK SHED, ADDED 7 P.S.

**ENGINEER**  
PAUL LEE ENGINEERING, INC.  
504 W. PENNSYLVANIA AVENUE  
TOWSON, MD. 21284 TEL. 821-5941

**OWNER:**  
FRANK A. SERIO and SONS, INC.  
8441 DORSEY RUN ROAD  
JESSUP, MARYLAND 20794

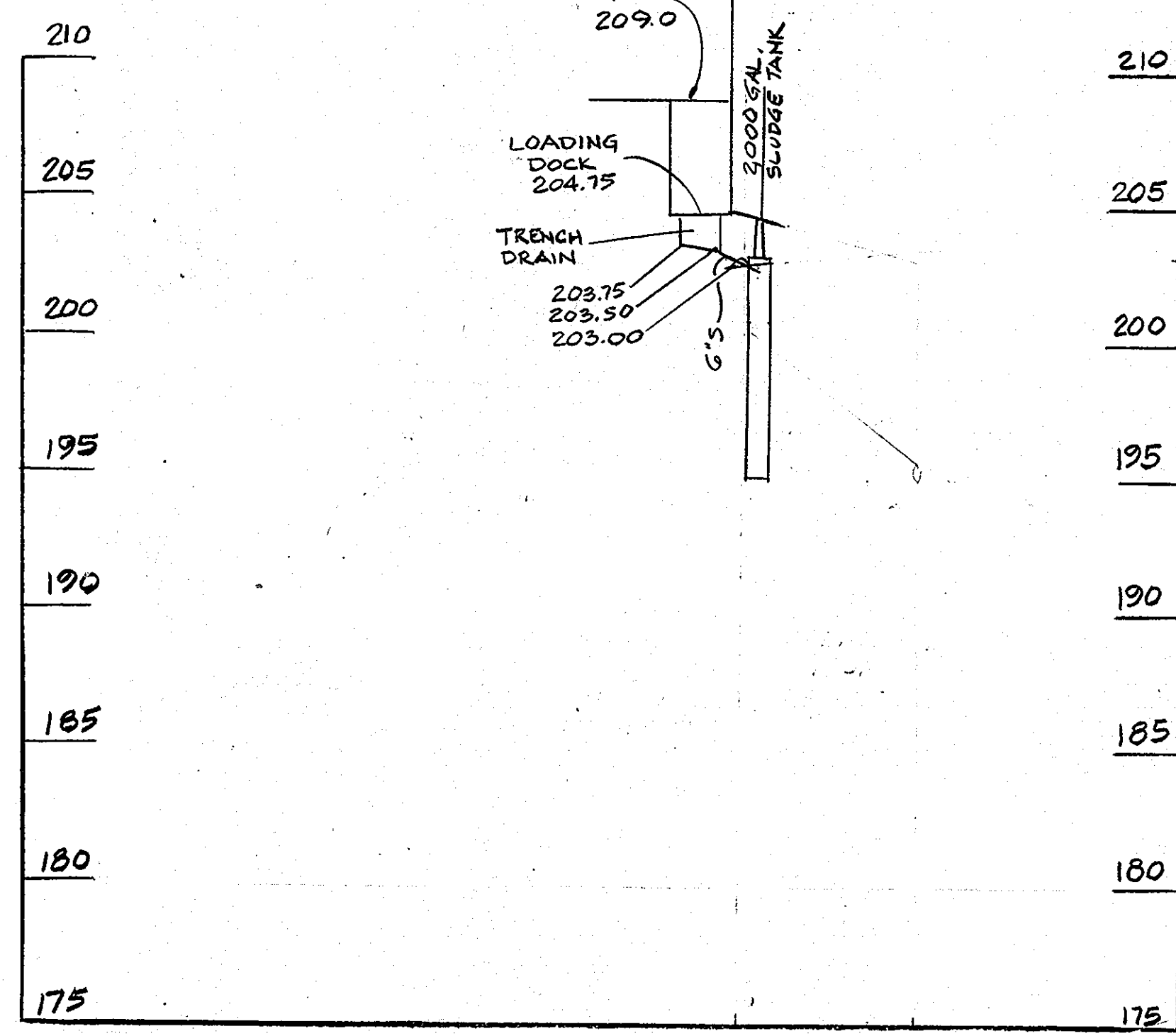
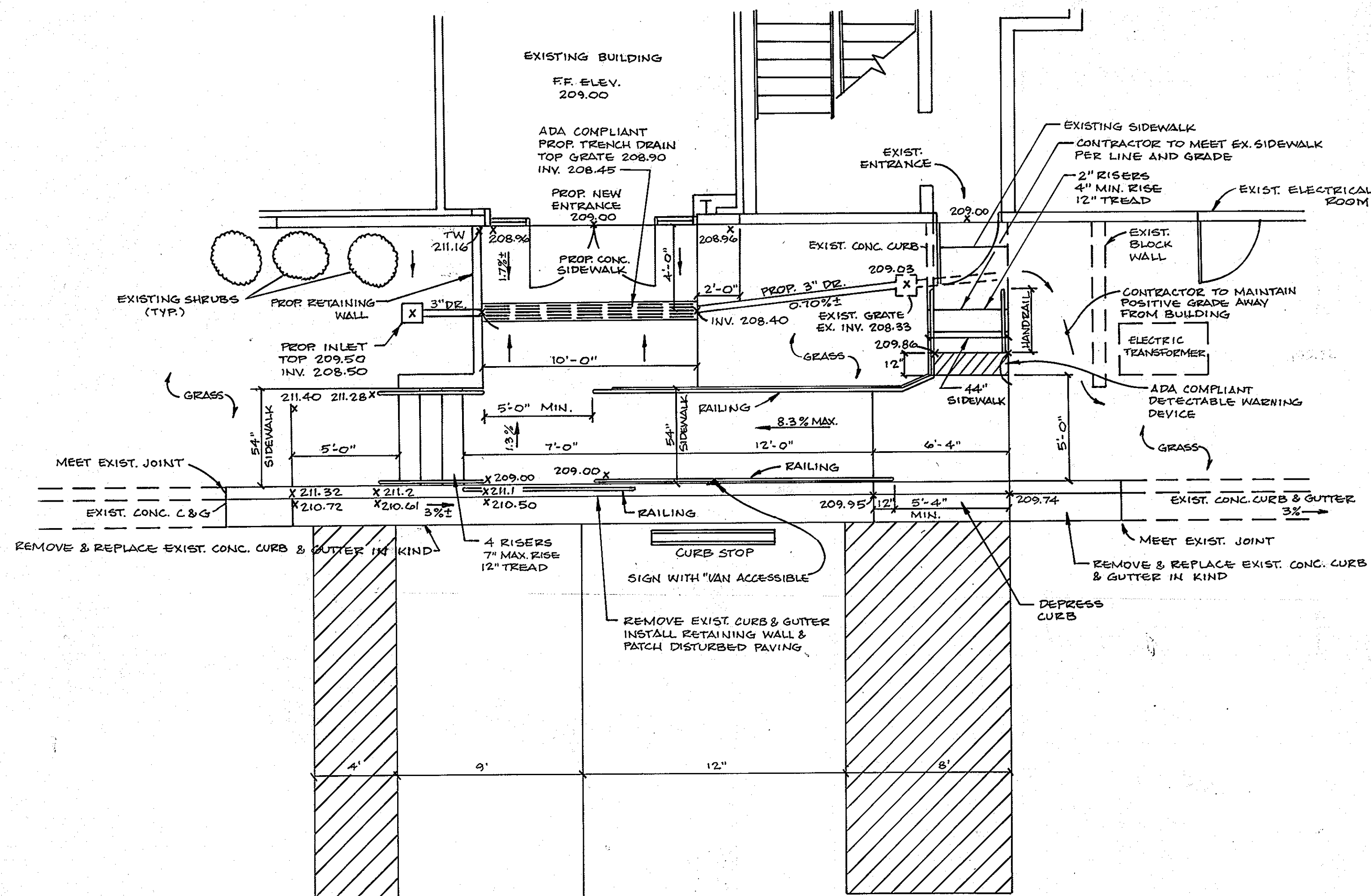
SUBDIVISION NAME HAMILTON TRACT SUBDIV.	SECT./AREA 40	LOT / PARCEL # 6064
PLAT OR L.F. 3561	ZONE M2	TAX / ZONE MAP ELECT. DIST. / CONS. TR. 6064
WATER CODE B02	SEWER CODE	

**SITE PLAN**  
HAMILTON TRACT SUBDIVISION, PARCELS I-1 AND I-2  
DORSEY RUN ROAD  
GTH. ELECTION DISTRICT HOWARD COUNTY, MD.

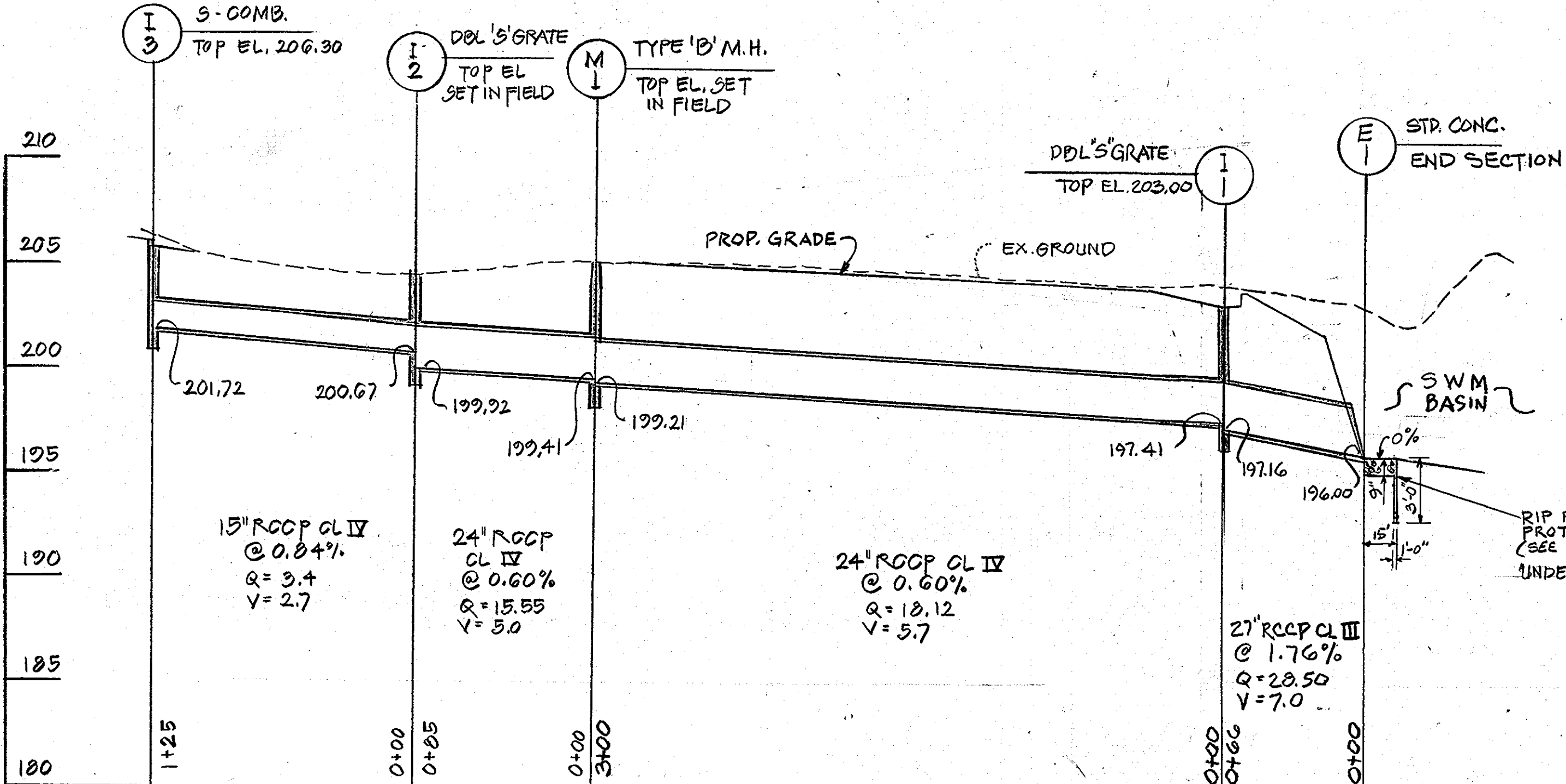
SHEET 1 OF 6	DATE MAR. 11 1988	JOB NUMBER 87017
SCALE 1" = 50'		

△ 6A CONSTRUCTION PLAN

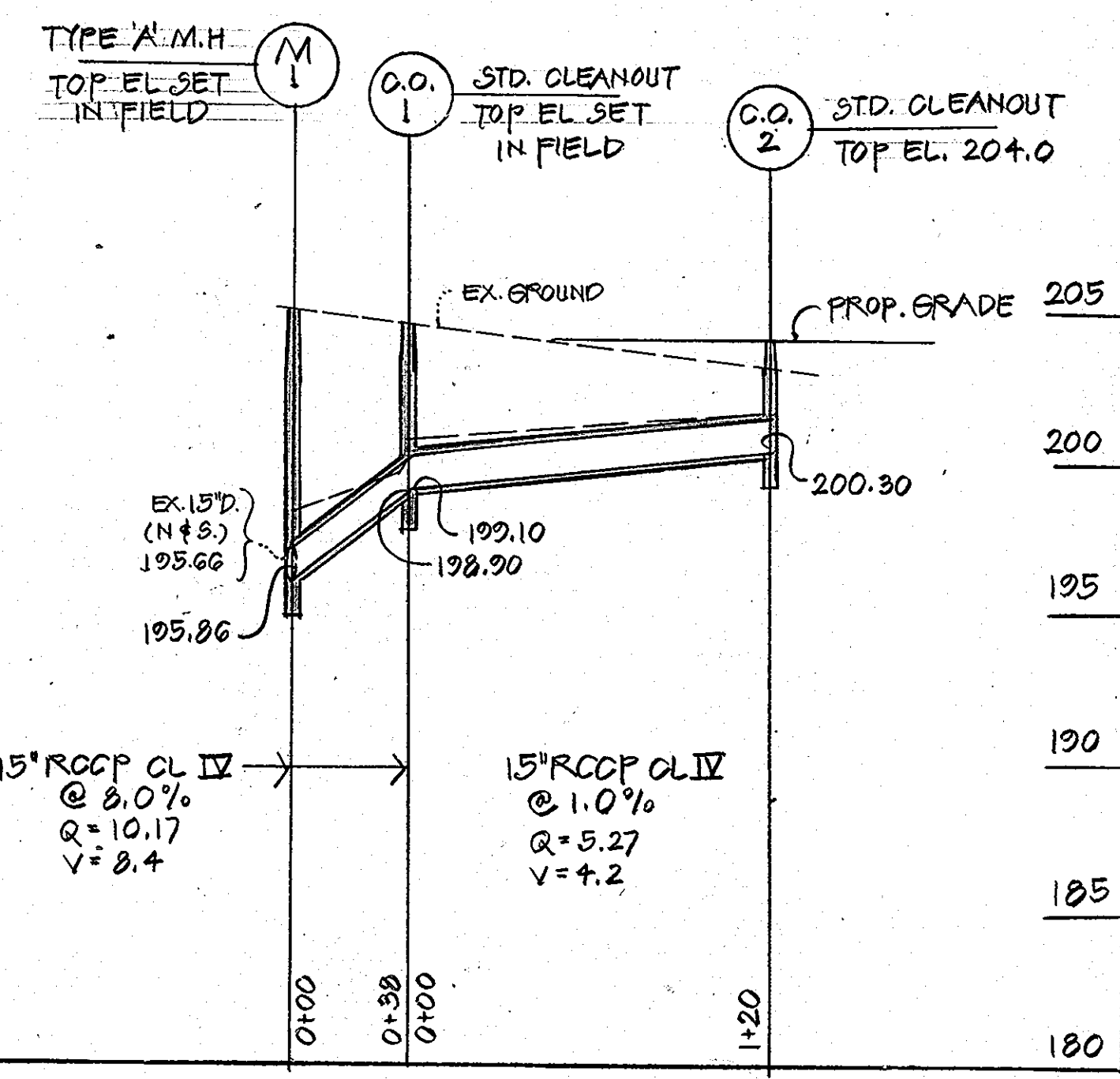
1" = 4'



PROFILE  
SCALE = 1" = 50' HORZ.  
1" = 5' VERT.



PROFILE  
SCALE = 1" = 50' HORZ.  
1" = 5' VERT.



APPROVED  
DIVISION OF LAND DEVELOPMENT &  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 9-27-88

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

*James R. ...* 12/6/88  
DIRECTOR DATE

*William S. ...* 12-6-88  
CHIEF BUREAU OF ENGINEERING DATE

*Joseph ...* 12-8-88  
COUNTY HEALTH OFFICER DATE

*Joseph ...* 12/28/88  
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING DATE

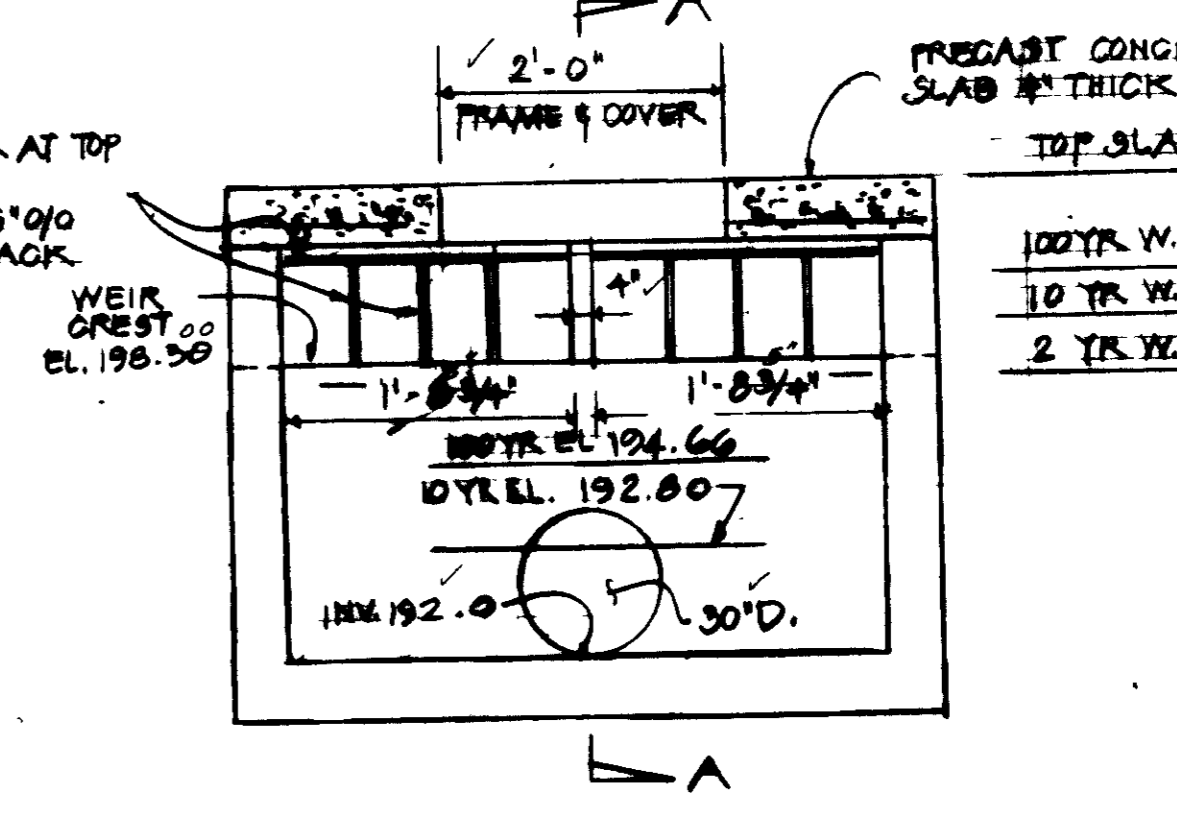
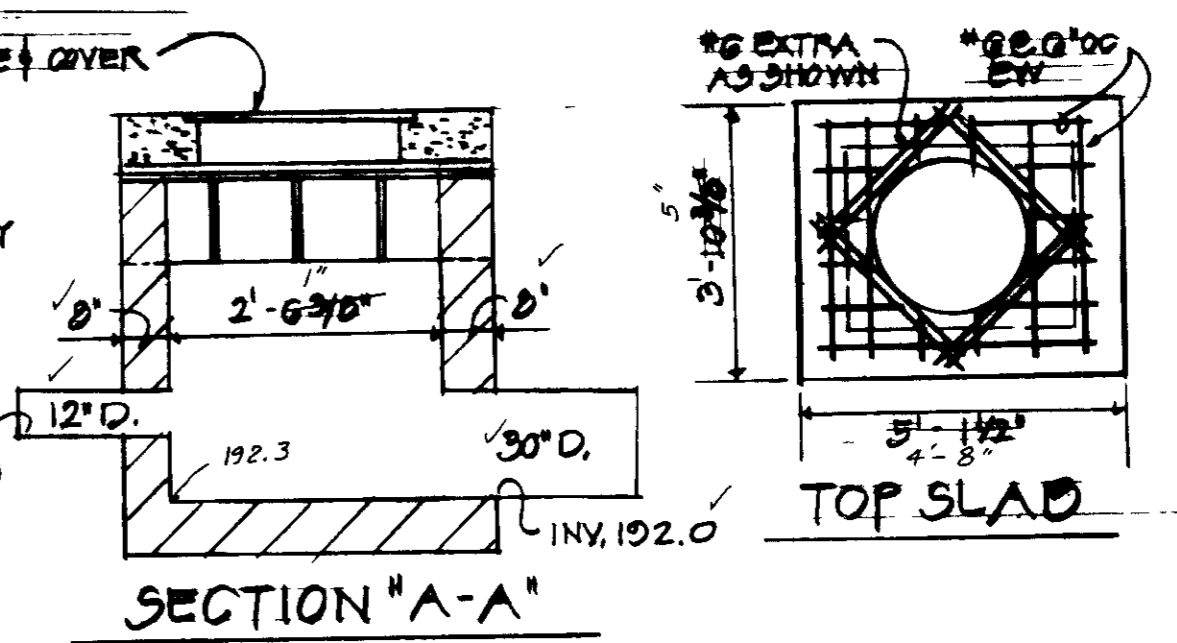
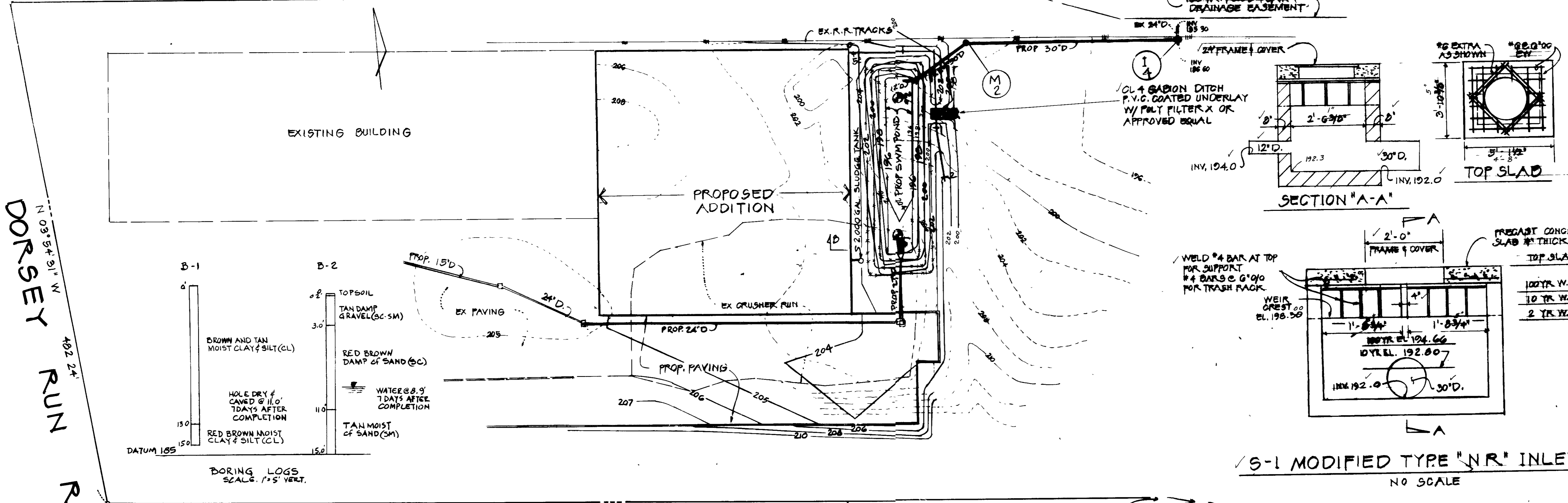
*Frank J. ...* 12-27-88  
CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

**PROFESSIONAL CERTIFICATION**

I hereby certify that these documents were prepared or approved by me, and that I am a duly Licensed Professional Engineer under the laws of the State of Maryland

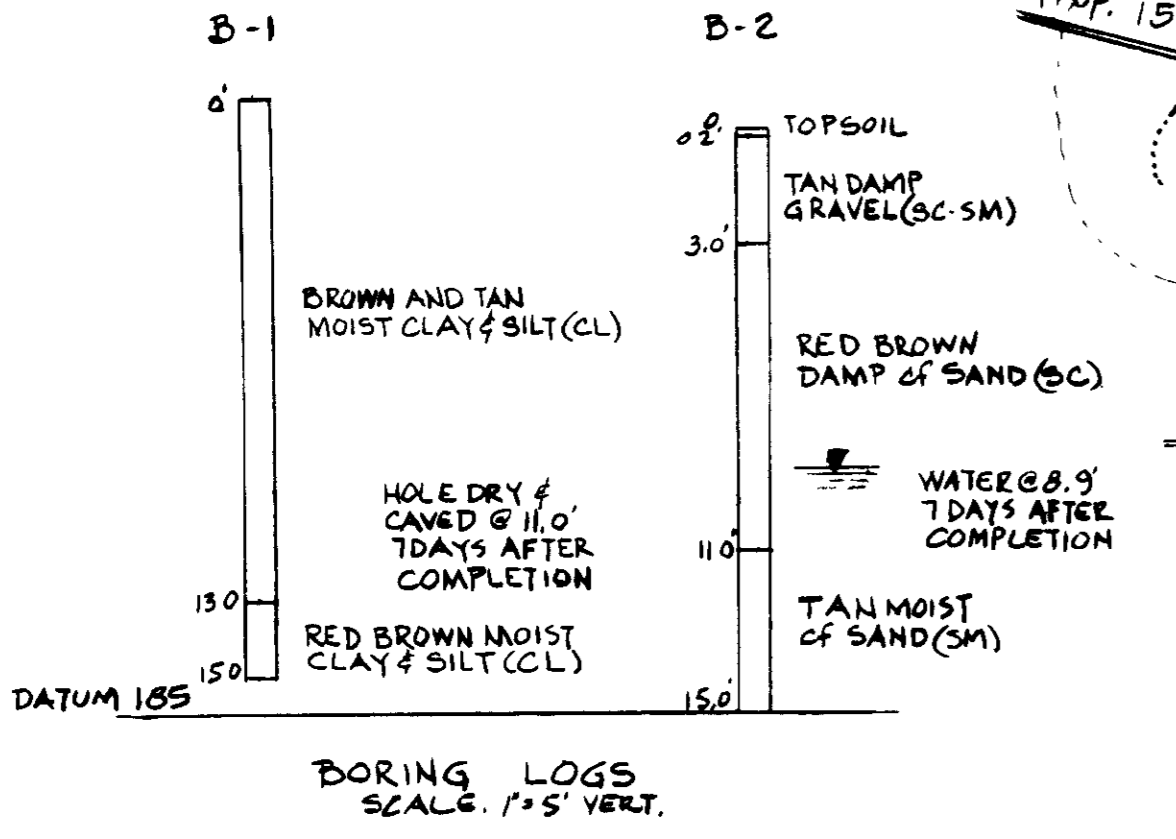
License number: 6519 Expiration date: 8/23/2013

Drafting: J.R.	DATE: 10/10/88	REVISIONS: APP'D HANDICAP ENTRANCE	ENGINEER: PAUL LEE ENGINEERING, INC. 304 W. PENNSYLVANIA AVENUE, TOWSON, MD. 21204 TEL 281-5934	OWNER: FRANK A. SERIO and SONS, INC. 8441 DORSEY RUN ROAD, JES SUP, MARYLAND 20794	PROFILES & DETAILS HAMILTON TRACT SUBDIVISION, PARCEL I - SERIO PROPERTY DORSEY RUN ROAD GTH ELECTION DISTRICT HOWARD COUNTY, MD.	SHEET: 2 OF 6	DATE: MAR, 1988 SCALE: AS SHOWN	JOB NUMBER: 82017
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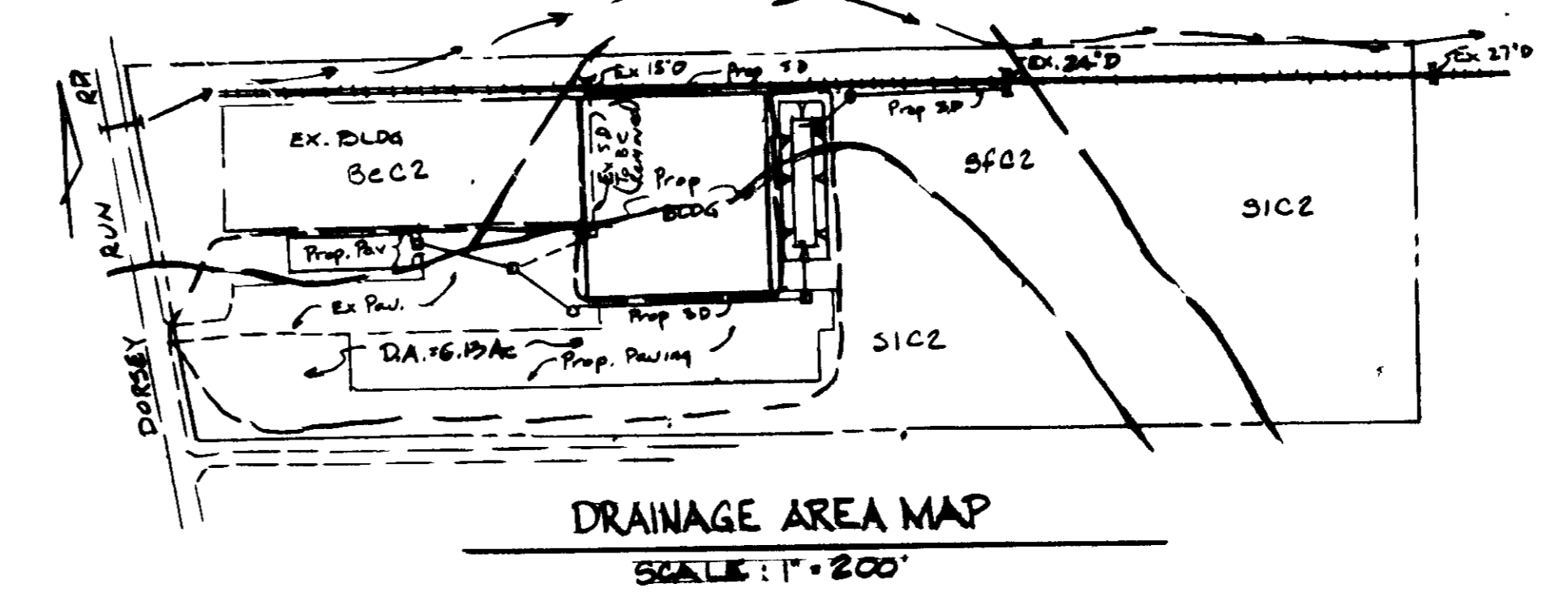
AS BUILT CERTIFICATION  
 I HEREBY CERTIFY THAT THE AS-BUILT IS ACCURATE AND COMPLETE AND THAT AS CONSTRUCTED MEETS THE REQUIREMENTS OF THE STANDARDS AND SPECIFICATIONS FOR ROADS  
 Signed George Lamberz PE # 6519 DATE 1-30-92

APPROVED  
 DIVISION OF LAND DEVELOPMENT &  
 ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE 9-27-83

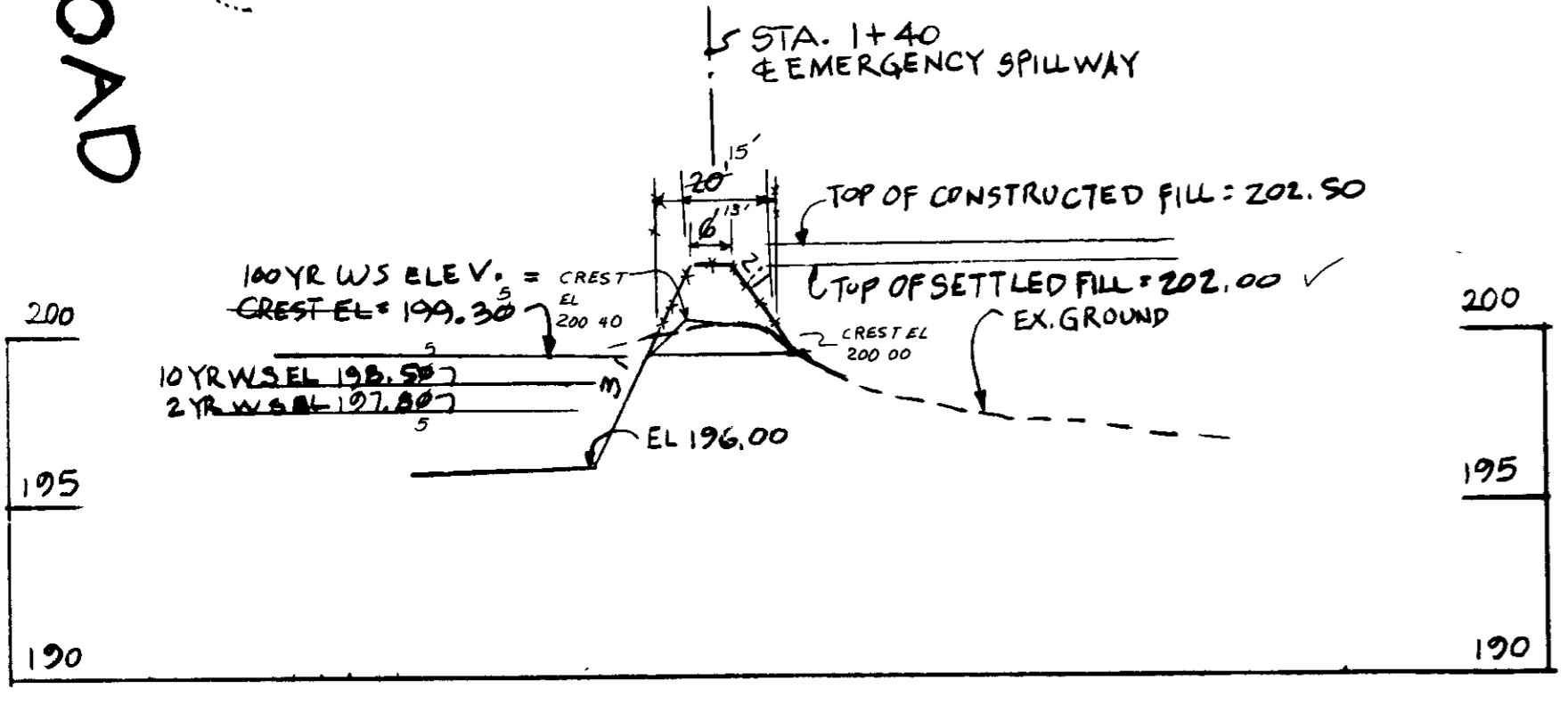


DORSEY RUN ROAD  
 N 03° 54' 31" W 402.24'

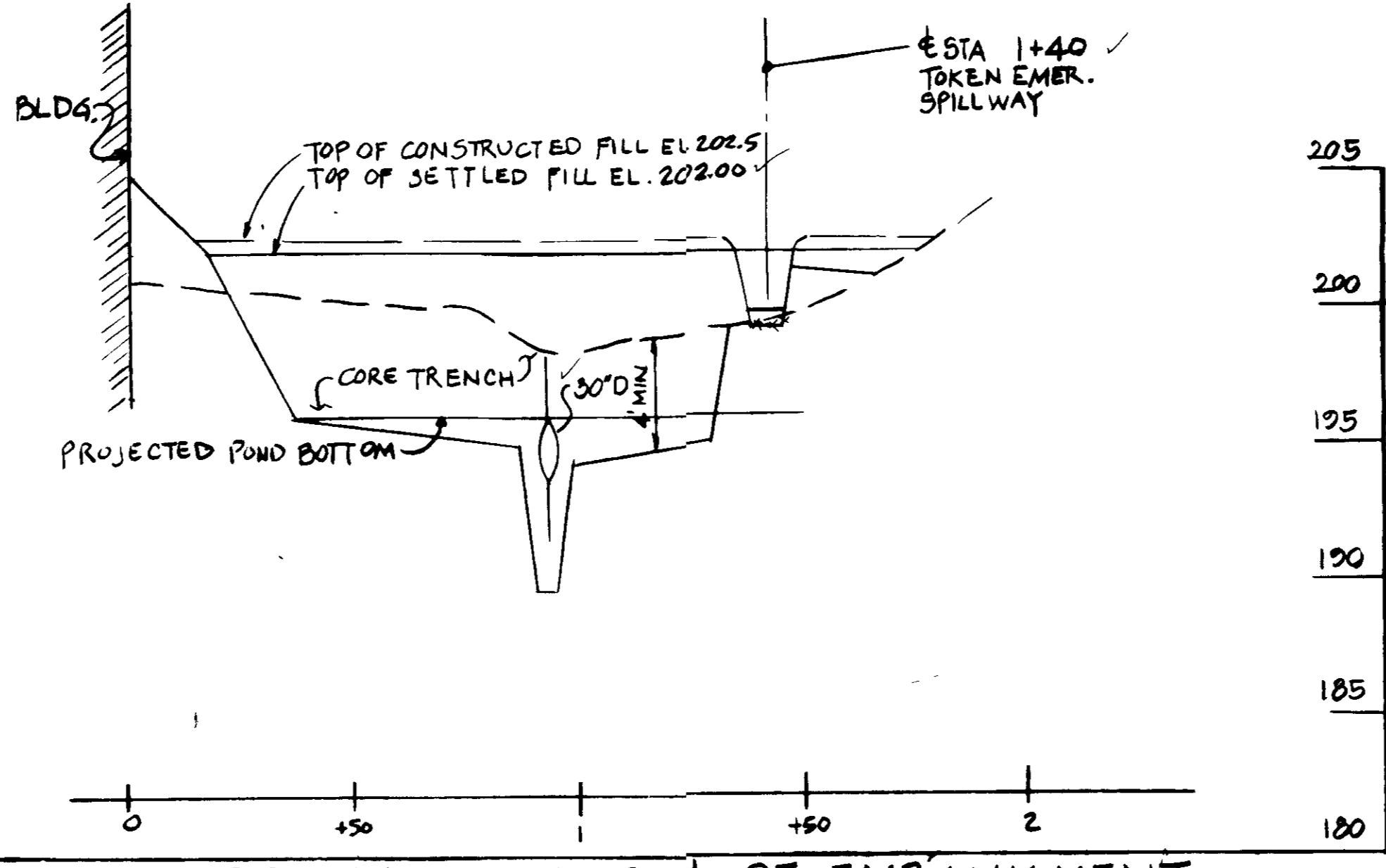
PLAN  
 SCALE: 1" = 50'



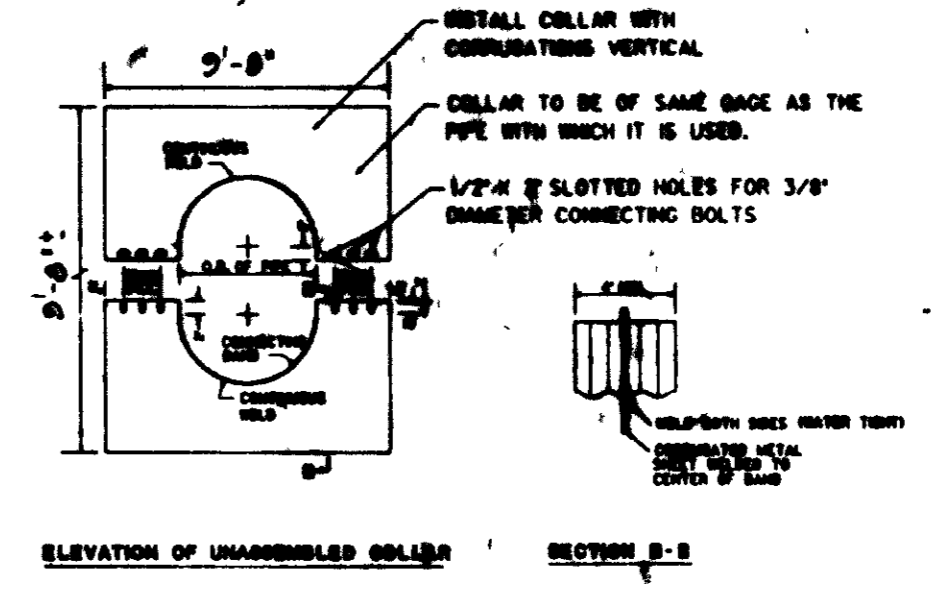
STORM WATER MANAGEMENT DATA  
 Drainage Area: 6.51 A.C.  
 RCN (existing):  
 RCN (after development):  
 Allowable Release = Proposed Release  
 Storage Provided to SWM: 192.88 24,153  
 Surface Area: 6.51 A.C.  
 Structure Classification:  
 Structure Class:  
 Storage X Height Product: 2.88 A.C.H.  
 S.A. Served:  
 Normal Surface Area:  
 Structure Classification: 100%  
 HYDROLOGIC CRITERIA  
 2.16 Year Time Management Provided  
 AFTER SITE IS STABILIZE VACUATE FACILITY  
 1' INT TO ELEV 194.00



EMERGENCY SPILLWAY SECTION B-B  
 SCALE: 1" = 30' HORZ., 1" = 5' VERT.



PROFILE ALONG C OF EMBANKMENT  
 SCALE: 1" = 30' HORZ., 1" = 5' VERT.



NOTES FOR COLLARS:  
 1. ALL MATERIALS TO BE IN ACCORDANCE WITH CONSTRUCTION AND CONSTRUCTION MATERIAL SPECIFICATIONS.  
 2. WHEN SPECIFIED ON THE PLANS, COATING OF COLLARS SHALL BE IN ACCORDANCE WITH CONSTRUCTION AND CONSTRUCTION MATERIAL SPECIFICATIONS.  
 3. UNASSEMBLED COLLARS SHALL BE LAPPED BY PAINTING OR TAGGING TO IDENTIFY MATCHING PARTS.  
 4. THE LAP BETWEEN THE TWO HALF SECTIONS AND BETWEEN THE PIPE AND CONNECTING SHAP SHALL BE CALLED WITH ASPHALT MASTIC AT THE TIME OF INSTALLATION.  
 5. EACH COLLAR SHALL BE FURNISHED WITH TWO 1/2" DIAMETER RODS WITH STANDARD TANG LUGS FOR CONNECTING COLLARS TO PIPE.

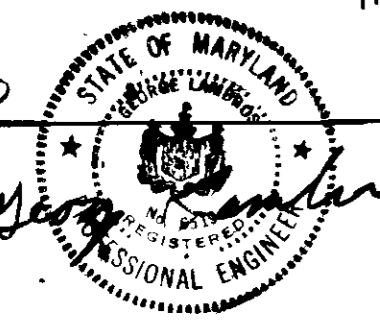
CORRUGATED-METAL  
 ANTI-SEEP COLLAR DETAIL  
 NO SCALE

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

APPROVED FOR PUBLIC WATER SYSTEMS AND PRIVATE SEWER SYSTEMS  
 HOWARD COUNTY HEALTH DEPARTMENT

APPROVED - HOWARD COUNTY OFFICE OF PLANNING AND ZONING

CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT



DATE	REVISIONS

ENGINEER  
**PAUL LEE ENGINEERING, INC.**  
 304 W. PENNSYLVANIA AVENUE  
 TOWSON, MD 21286 + TEL 821-5941

OWNER:  
**FRANK A. SERIO and SONS, INC**  
 8441 DORSEY RUN ROAD  
 JES SUP, MARYLAND 20794

SUBDIVISION NAME	LOT / PARCEL #
HAMILTON TRACT SUBDIV.	PARCEL 1
FLAT OR L.F.	
BLK #	
ZONE	
TYP. ZONING MAP	
SECTION	
OR SUBTR.	
WATER CODE	
SEWER CODE	

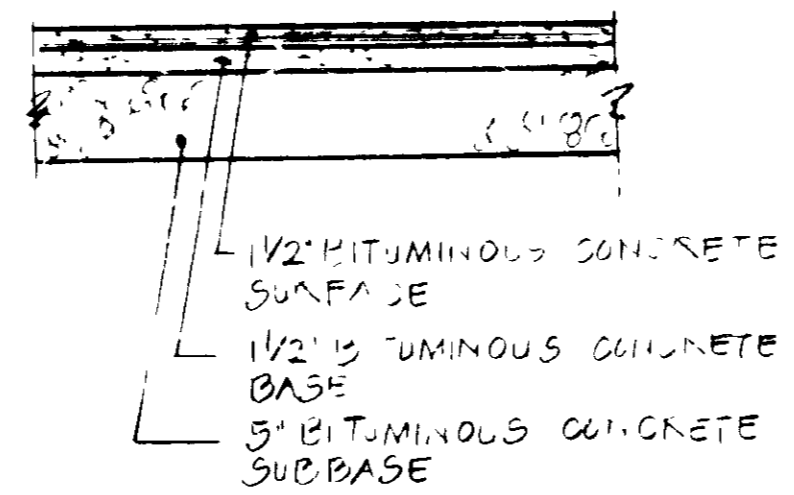
AS BUILT SWM  
 STORMWATER MANAGEMENT PLAN  
 HAMILTON TRACT SUBDIVISION, PARCEL 1 - SERJO PROPERTY  
 DORSEY RUN ROAD  
 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SHEET	DATE	JOB NUMBER
3 OF 6	MAR, 1988	
	SCALE	
	AS SHOWN	

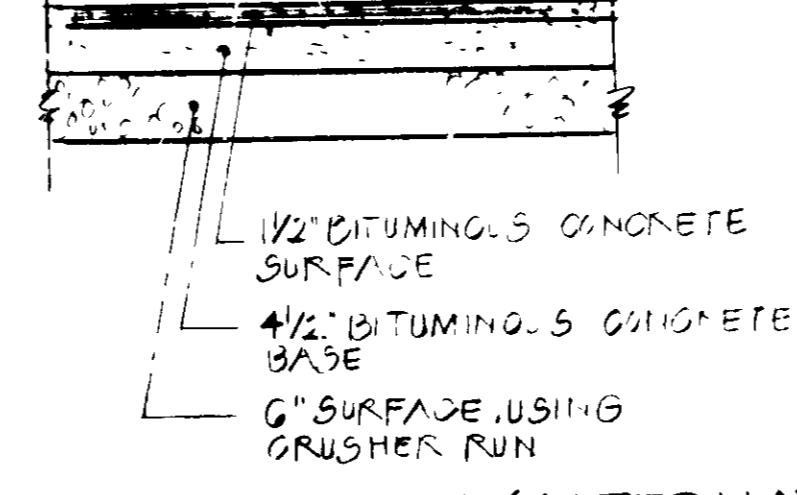
TOTAL DISTURBED AREA = 3.84 AC<sup>2</sup> = 167,475 SF ±

**LEGEND**

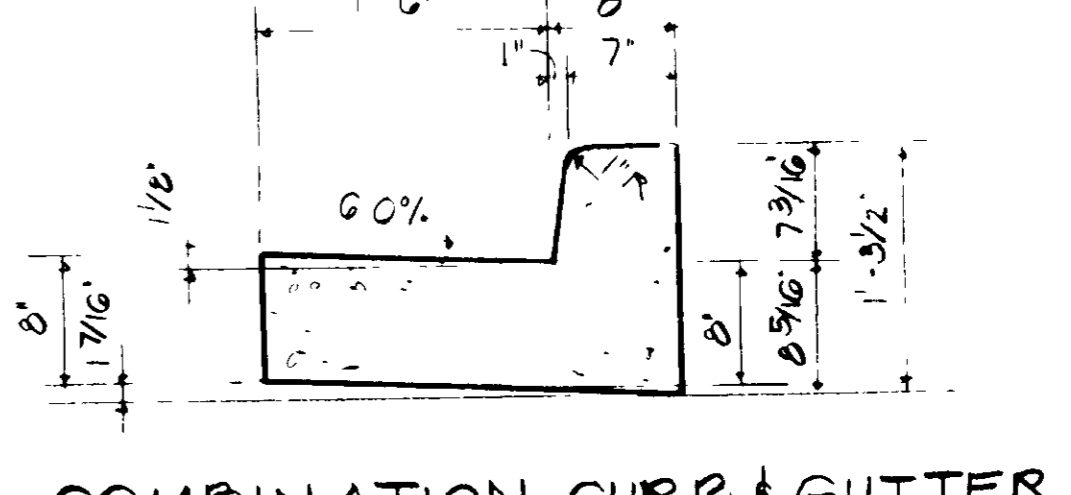
- 200- EX. GROUND
- 200 PROP GRADE
- EARTH DIKE
- STABILIZED CONSTR. ENTR.
- LIMIT OF DISTURBANCE
- SILT FENCE
- INLET PROTECTION



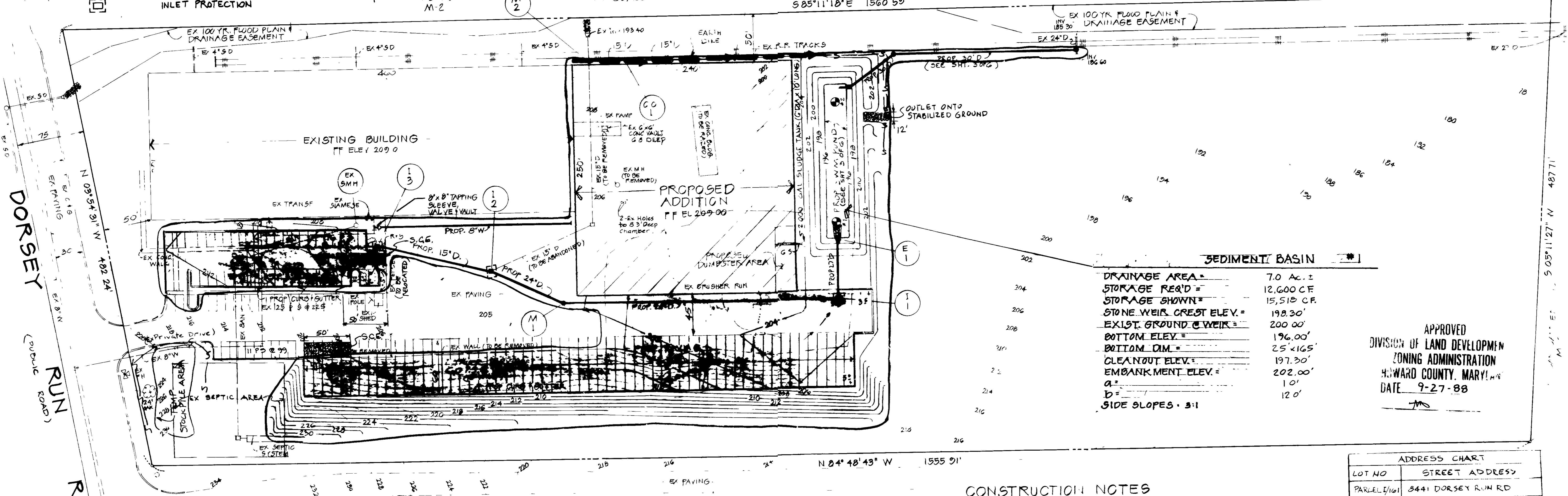
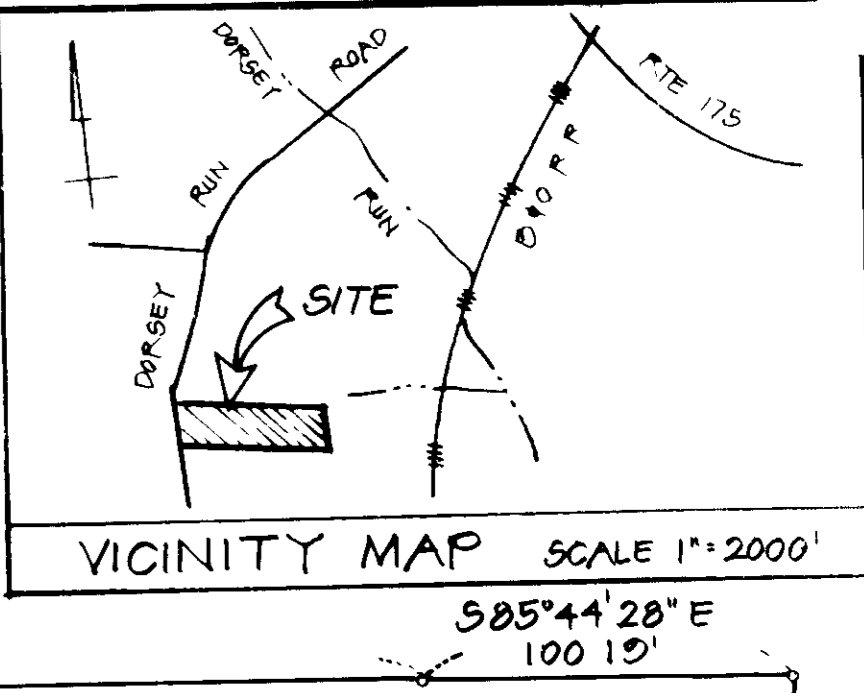
PAVEMENT SECTION  
NO SCALE



PAVEMENT SECTION (ALTERNATE)  
NO SCALE



COMBINATION CURB & GUTTER  
NO SCALE



**SEDIMENT BASIN**

DRAINAGE AREA =	7.0 AC. ±
STORAGE REQ'D =	12,600 CF
STORAGE SHOWN =	15,515 CF
STONE WEIR CREST ELEV. =	198.30'
EXIST. GROUND @ WEIR =	200.00'
BOTTOM ELEV. =	196.00'
BOTTOM DIM. =	25' x 165'
CLEANOUT ELEV. =	197.30'
EMBANKMENT ELEV. =	202.00'
A =	10'
B =	120'
SIDE SLOPES - 3:1	

APPROVED  
DIVISION OF LAND DEVELOPMENT  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 9-27-88

**ADDRESS CHART**

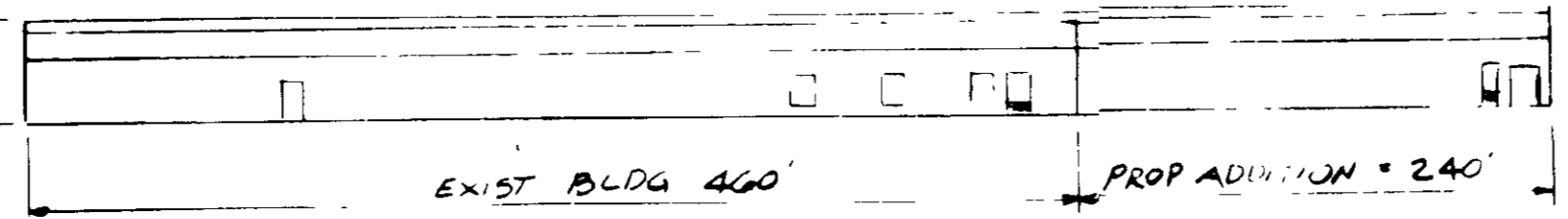
LOT NO	STREET ADDRESS
PARCEL 1/101	3441 DORSEY RUN RD

**CONSTRUCTION NOTES**

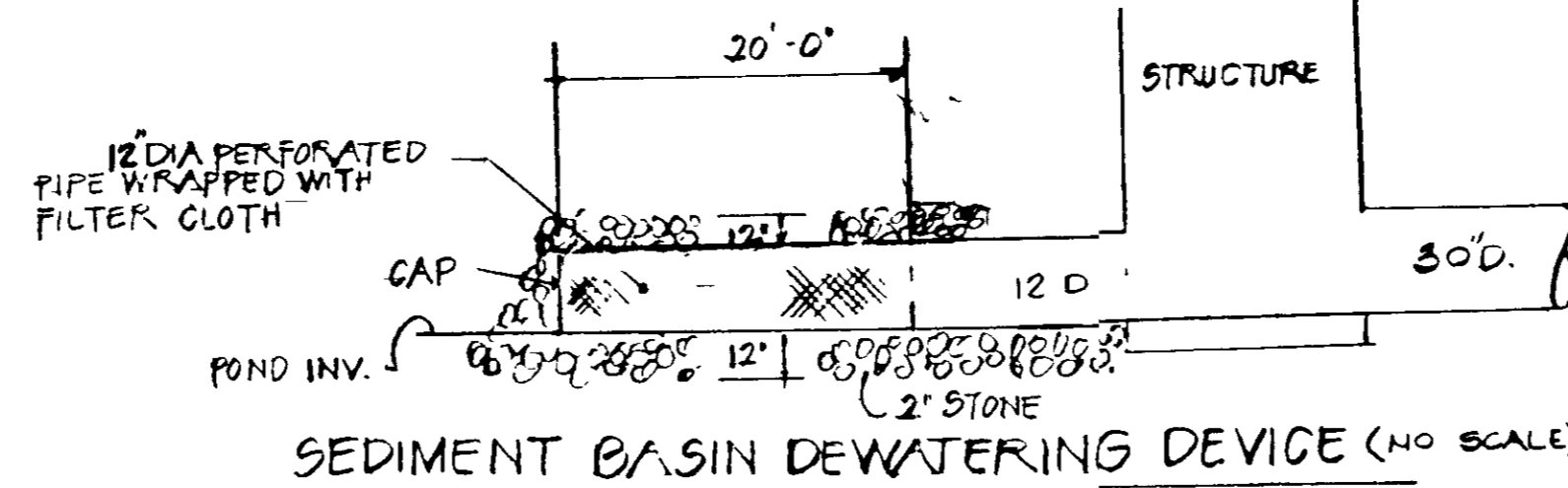
- MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES TO HIS OWN SATISFACTION BEFORE STARTING CONSTRUCTION.
- THE CONTRACTOR SHALL NOTIFY THE C&P TELEPHONE COMPANY AND THE GAS & ELECTRIC COMPANY FIVE DAYS PRIOR TO STARTING WORK SHOWN ON THESE PLANS BY CALLING "MISS UTILITY"; CALL COLLECT 1-559-0100.
- THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF 3.5' COVER OVER ALL PROPOSED WATER LINES.
- THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF 1.0' CLEARANCE AT ALL WATER, SEWER AND STORM DRAIN CROSSINGS.
- THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTOR, 150 WEST DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT 932-2417 OR 932-2418.
- ALL REINFORCED CONCRETE PIPE SHALL BE CLASS II.
- MANHOLE SHALL BE IN ACCORDANCE WITH HOWARD COUNTY STANDARD G-51.
- HAND CARRED LAKING SIGN SHALL CONFORM TO MARYLAND REGULATIONS FOR THE HAND CARRED SIGN CODE OF 3 ON MOUNTED 7 1/2 MIN. ANGLE 2 1/2" ELEVATION SIGN IN PLACING AS DURING THE WORK.
- SEE SITE PLAN FOR DETAILS.
- THE FIRE DEPARTMENT SIAMISE SUPPLYING THE SPRINKLER SYSTEM FOR THE EXISTING BUILDING AND THE PROPOSED ADDITION SHALL BE INTERCONNECTED.
- SLUDGE TANK COLLECTS NON-TOXIC FLOOR CLEANING EFFLUENT FOR DISPOSAL.

**SEQUENCE OF OPERATIONS**

- NOTIFY HOWARD CO. DEPT. OF PERMITS AND LICENSES SEDIMENT CONTROL DIVISION, AT LEAST 48 HOURS PRIOR TO BEGINNING WORK.
- CLEAR AND GRUB FOR SEDIMENT & EROSION CONTROL MEASURES OR DEVICES ONLY.
- INSTALL ALL SEDIMENT & EROSION CONTROL MEASURES AND DEVICES, INCL. SED. BASIN.
- NOTIFY HOWARD CO. DEPT. OF PERMITS AND LICENSES, SEDIMENT CONTROL DIVISION, UPON COMPLETION OF SAID INSTALLATION.
- WITH THE APPROVAL OF HOWARD CO. DEPT. OF PERMITS & LICENSES AND THE SEDIMENT CONTROL INSPECTOR, CLEAR AND GRUB REMAINDER OF SITE.
- ROUGH GRADE SITE.
- BUILDING CONSTRUCTION PHASE.
- FINE GRADE & STABILIZE ALL AREAS DISTURBED BY CONSTRUCTION.
- WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED BY PAVING BUILDINGS & WALK, OR BY METHODS PRESCRIBED IN "STANDARDS & SPECIFICATIONS FOR EROSION & SEDIMENT CONTROL IN DEVELOPING AREAS" ALL TEMPORARY SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITH PERMISSION OF SEDIMENT CONTROL INSPECTOR. STABILIZE ALL REMAINING AREAS AFTER SEDIMENT CONTROL MEASURES ARE REMOVED.
- CONVERT SEDIMENT BASIN TO SWM FACILITY AND STABILIZE ANY AREAS DISTURBED DURING THIS CONSTRUCTION.



SOUTH ELEVATION  
NO SCALE



SEDIMENT BASIN DEWATERING DEVICE (NO SCALE)



ENGINEER  
**PAUL LEE ENGINEERING, INC.**  
304 W. PENNSYLVANIA AVENUE  
TOWSON, MD 21284 TEL 821-3241

OWNER  
FRANK A. SERIO, JR. & SONS, INC.  
8441 DORSEY RUN ROAD  
JESSUP, MARYLAND 20794

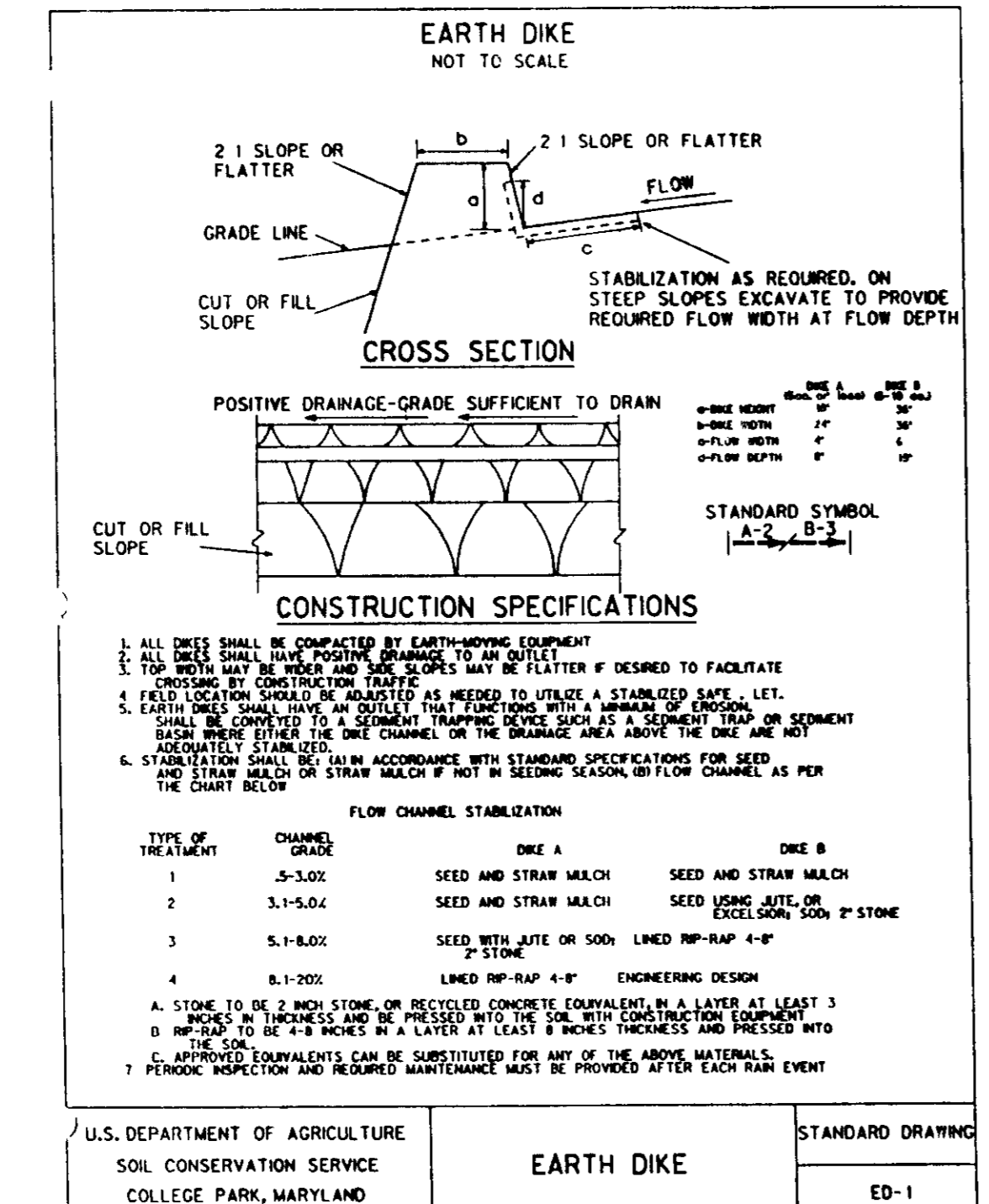
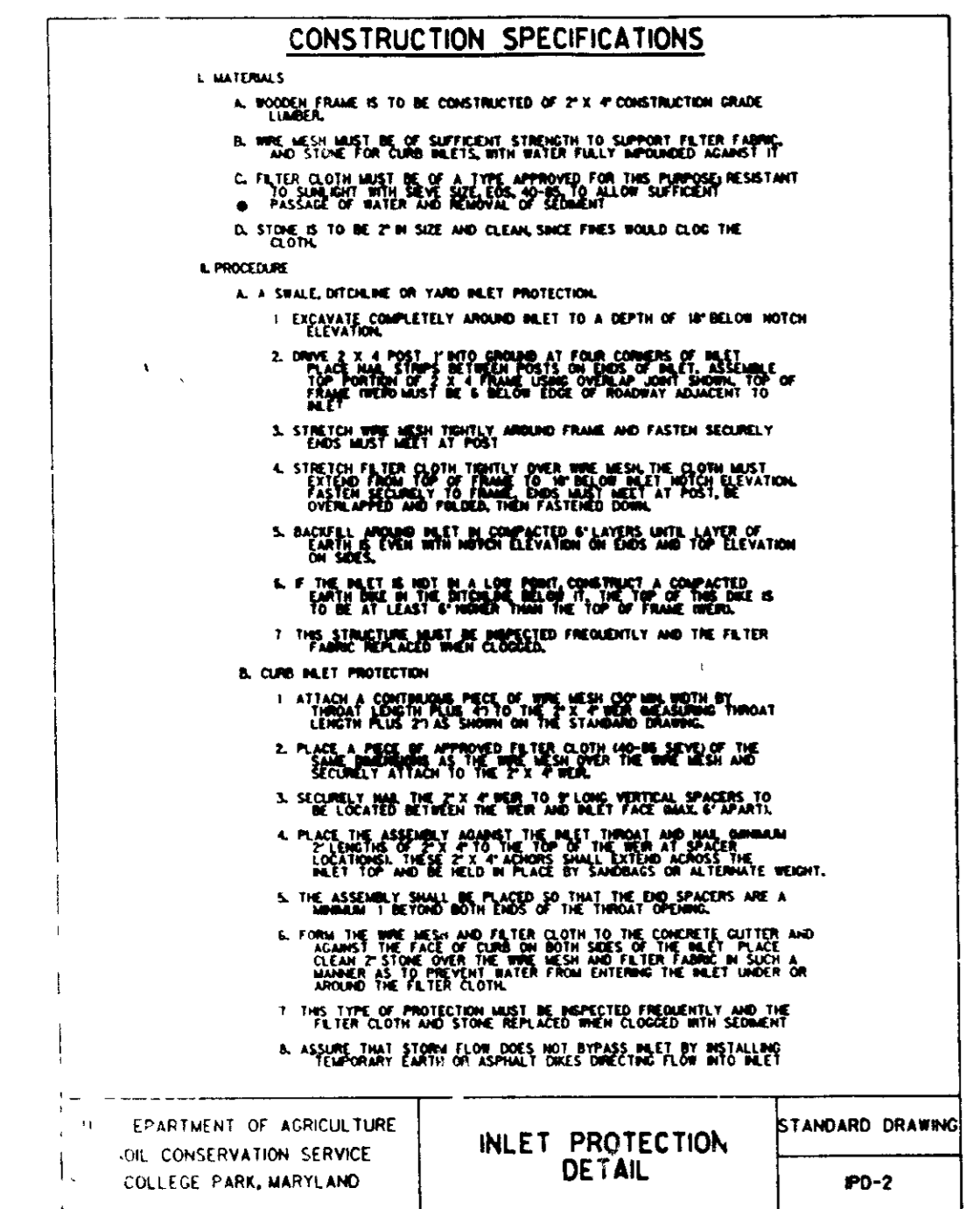
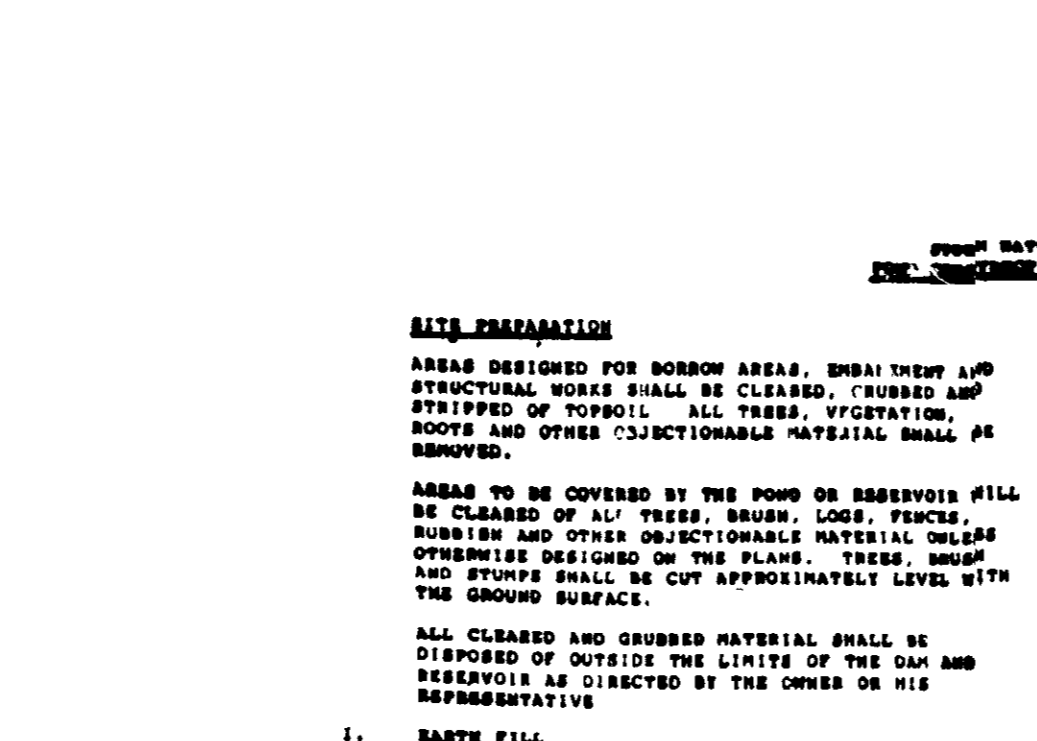
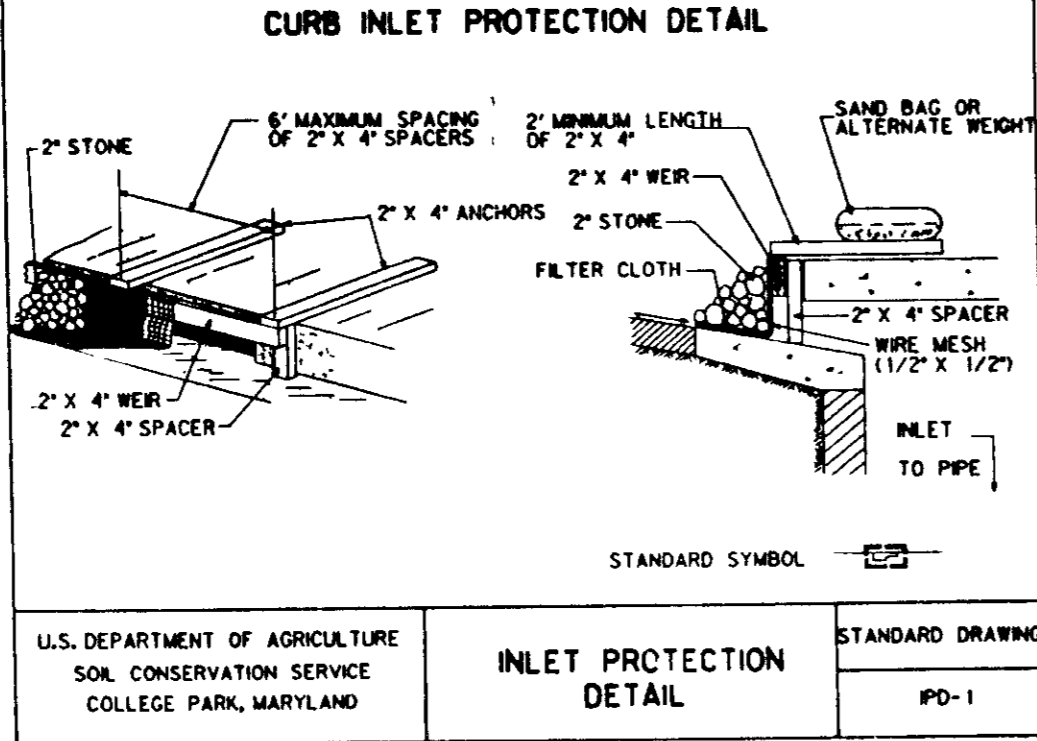
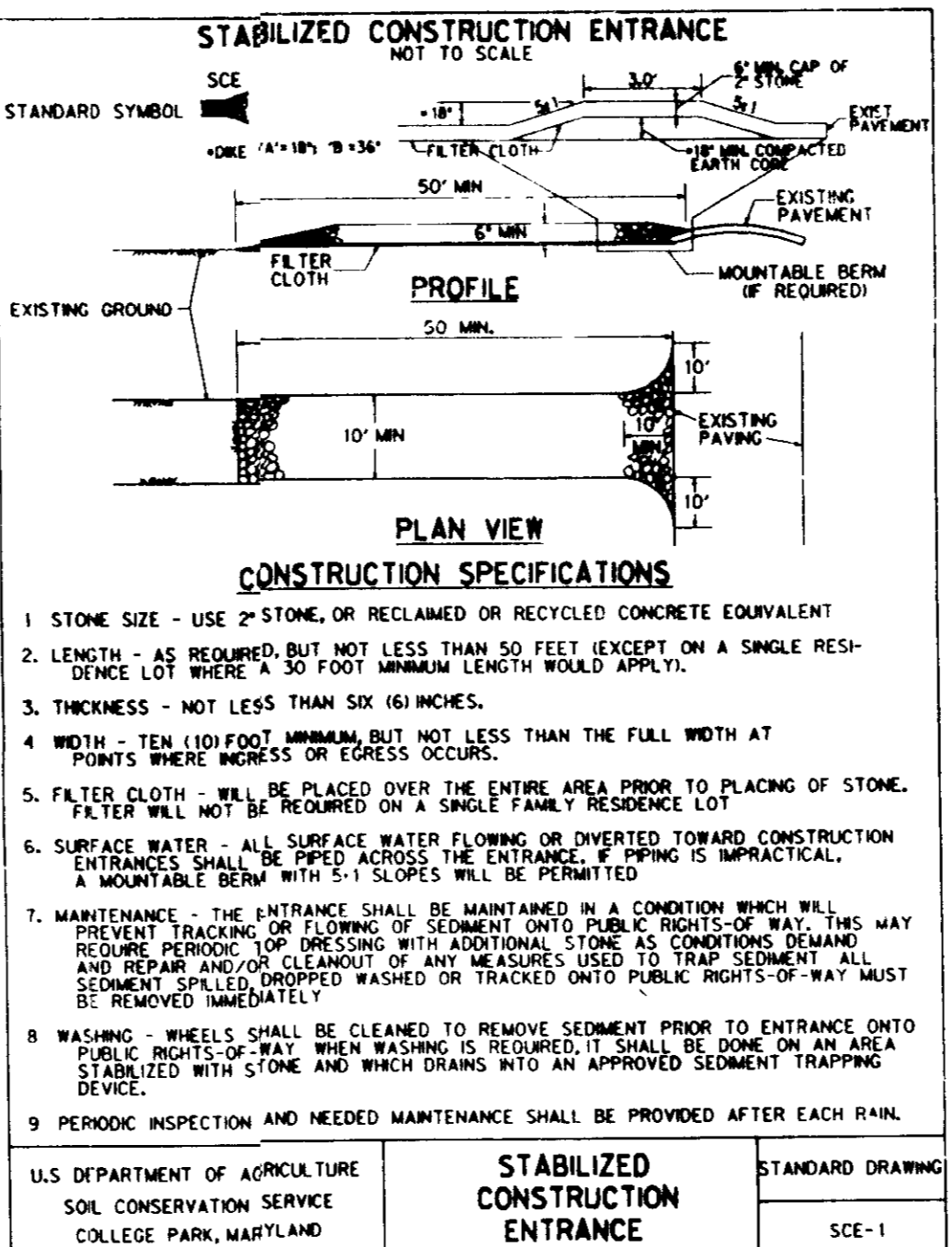
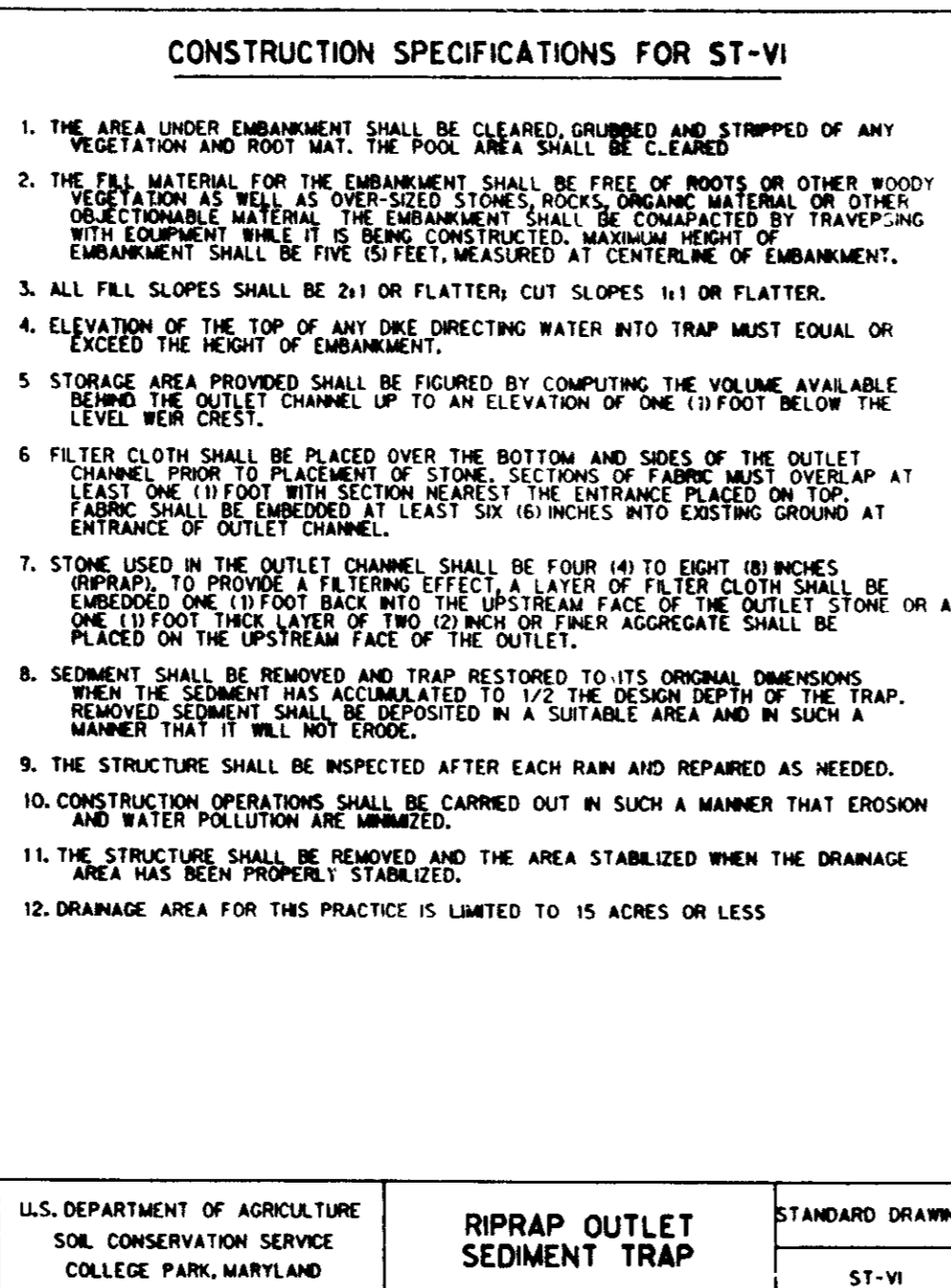
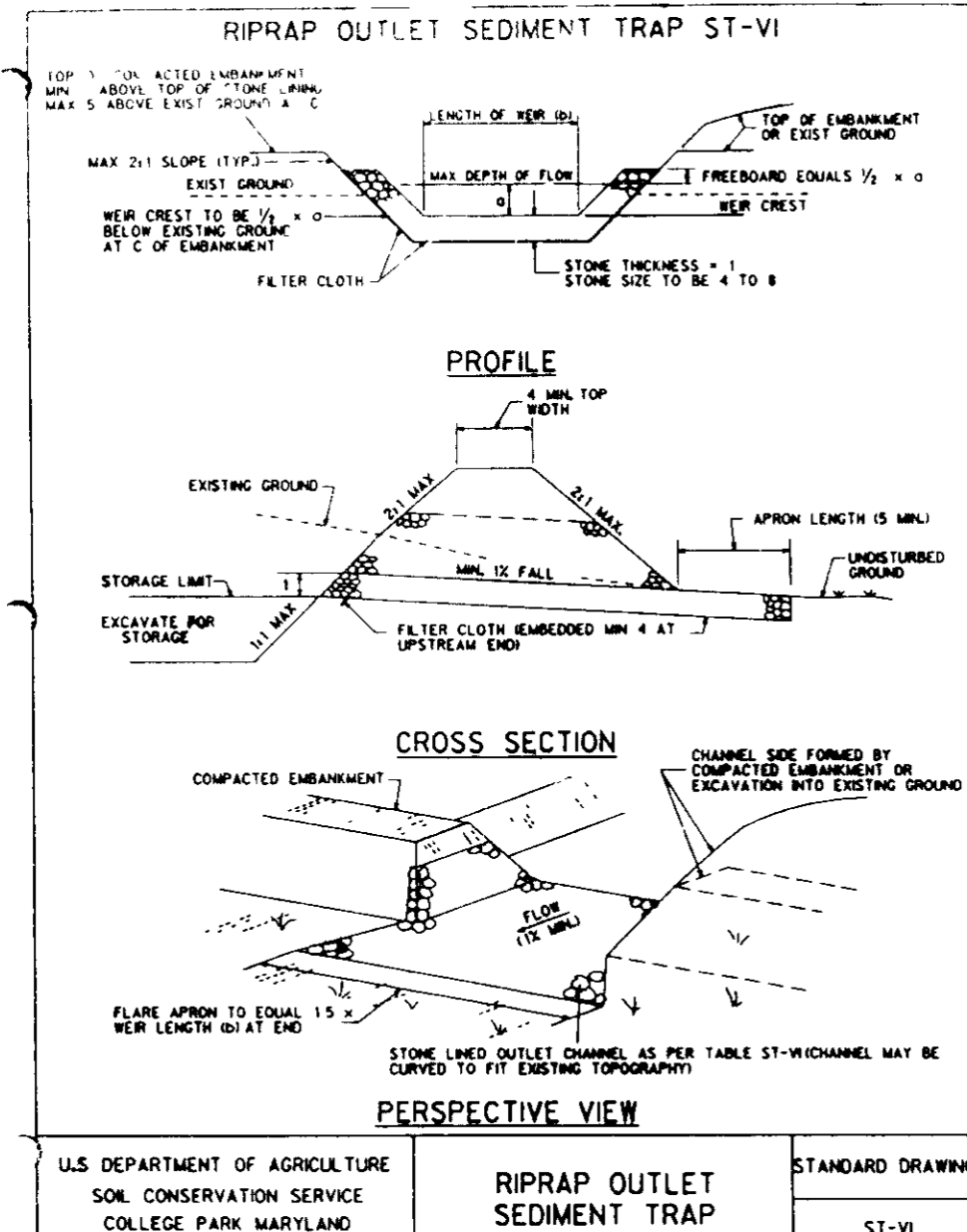
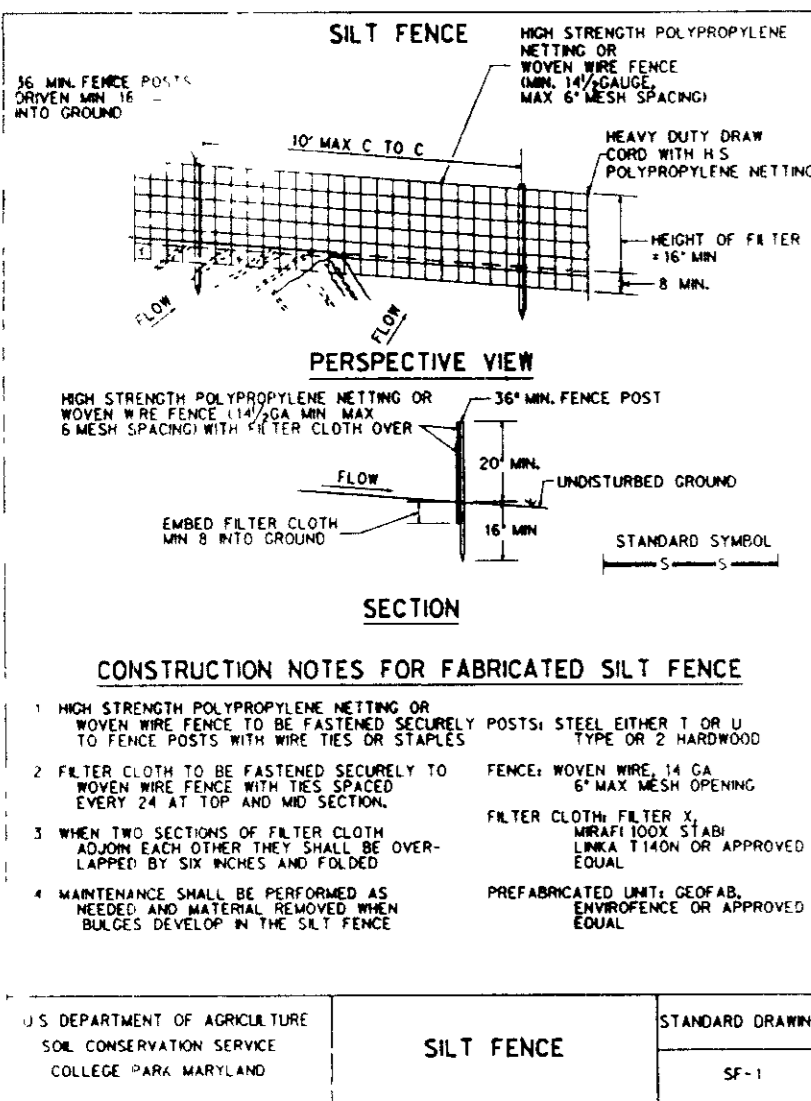
SUBDIVISION NAME: HAMILTON TRACT  
SUBDIV: SERIO PROPERTY  
PARCEL 1  
PLOT 1  
ZONING: M-2  
WATER CODE: 6  
SEWER CODE: 6

GRADING & SEDIMENT CONTROL PLAN  
HAMILTON TRACT SUBDIVISION, PARCEL 1 - SERIO PROPERTY  
DORSEY RUN ROAD

BUILDING ADDITION TO EX. BLDG WITHIN ROUTE 175

SHEET	4	MAR 88
OF	6	

SDP-88-171



( ) By the Developer:

"I/we 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 and Erosion before beginning the project. I will provide the Howard Soil Conservation District with an "as-built" plan of the pond within 30 days of completion. I also authorize periodic on-site inspections by the Howard Soil Conservation District."

FRANK A SERIO 10/11/88  
Signature of Developer Date  
Print name below signature

( ) By the Engineer:

"I certify that this plan for pond construction, erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions. This plan was prepared in accordance with the requirements of the Howard Soil Conservation District. I have notified the developer that he must provide the Howard Soil Conservation District with an "as-built" plan of the pond within 30 days of completion."

GEORGE LAMBROS 10/11/88  
Signature of Engineer Date  
Print name below signature

( ) These plans have been reviewed for the Howard Soil Conservation District and meet the technical requirements for small pond construction, soil erosion and sediment control.

J. Helm 10/21/88  
U.S. Soil Conservation Service Date  
Howard Soil Conservation District

( ) These plans for small pond construction, soil erosion and sediment control meet the requirements of the Howard Soil Conservation District.

Robert J. Helm 10/21/88  
Howard Soil Conservation District Date

- 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) 14 days as to all other disturbed or graded areas on the project site.
- 4) All sediment traps/basins shown must be fenced and warning 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 dates 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 12.0 Acres ±  
Area Disturbed 5.99 Acres ±  
Area to be roofed or paved 2.7 Acres  
Area to be vegetatively stabilized 3.4 Acres  
Total Cut 10,000 Cu. yds  
Total Fill 10,000 Cu. yds  
Offsite waste/borrow area location NOT REQUIRED
- 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 DPW 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, i.e. 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.

**PERMANENT SEEDING NOTES**

ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS SEEDING PREPARATION:  
Loosen Upper 3 inches of Soil by Raking, Discing or other Acceptable Means before Seeding.

**SOIL AMENDMENTS**  
Apply 2 Tons Per Acre Dolomitic Limestone (92 lbs./1,000 sq. ft.) and 600 lbs. Per Acre 10-10-10 Fertilizer (14 lbs./1,000 sq. ft.) Harvest or Disk Line and Fertilizer into Upper Three Inches of Soil. At Time of Seeding, Apply 400 lbs. Per Acre (9.2 lbs./1,000 Sq. Ft.) of 30-0-0 Ureaform Fertilizer.

**SEEDING**  
For the Periods March 1 thru April 30, and August 1 thru October 15, Seed with 60 lbs. Per Acre (14,400 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 (0.05 lbs./1,000 Sq. Ft.) of Nearing Lovegrass. During the Period of October 16 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 with 60 lbs / Acre Kentucky 31 Tall Fescue and Mulch with 2 Tons/Acre Well Anchored Straw.

**MULCHING:**  
Apply 1 1/2 to 2 Tons Per Acre (70 to 90 lbs./1,000 Sq. Ft.) of Unrotted Small Grain Straw Immediately After Seeding. Anchor Mulch Immediately After Application Using Mulch Anchoring Tool or 218 Gal /Acre (5 Gal./1,000 Sq. Ft.) of Emulsified Asphalt on Flat Areas. On Slopes 8 feet or Higher, Use 348 Gallons Per Acre (8 Gallons/1,000 Sq. Ft.) for Anchoring.

**MAINTENANCE**  
Inspect All Seeded Areas and Make Needed Repairs, Replacements, and Reseedings.

**TEMPORARY SEEDING NOTES**

ALL DISTURBED AREAS SHALL BE GRADED TO PROVIDE PROPER DRAINAGE AND LEFT IN A SLOTTED CONDITION. ALL EXPOSED SURFACES OF THE EMBANKMENT, EPIPLANT, PERIL AND BURNING AREAS, AND BERM SHALL BE STABILIZED BY SEEDING, SPRINKLING, FERTILIZING AND MULCHING (IF REQUIRED) IN ACCORDANCE WITH THE VEGETATIVE TREATMENT SPECIFICATIONS OR AS SHOWN ON THE A COMPANY'S DRAWINGS.

**EROSION AND SEDIMENT CONTROL**

CONSTRUCTION OPERATIONS WILL BE CARRIED OUT IN SUCH A MANNER THAT EROSION WILL BE CONTROLLED AND WATER AND AIR POLLUTION MINIMIZED. STATE AND LOCAL LAWS CONCERNING POLLUTION ABATEMENT WILL BE FOLLOWED. CONSTRUCTION PLANS SHALL BE APPROVED BY THE HOWARD COUNTY DEPARTMENT OF NATURAL RESOURCES AND PERMITS BEFORE CONSTRUCTION BEGINS.

**SEDIMENT CONTROL**

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APPROVED  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
9-27-88

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

James J. Helm 10/21/88  
DIRECTOR DATE

Richard E. Ray 12-6-88  
CHIEF BUREAU OF ENGINEERING DATE

APPROVED FOR PUBLIC WATER SYSTEMS AND PRIVATE SEWER SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT

James J. Helm 12-8-88  
COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING

James J. Helm 12/28/88  
PLANNING DIRECTOR DATE

James J. Helm 12-23-88  
CHIEF DIVISION OF COMMUNITY PLANNING AND DEVELOPMENT DATE

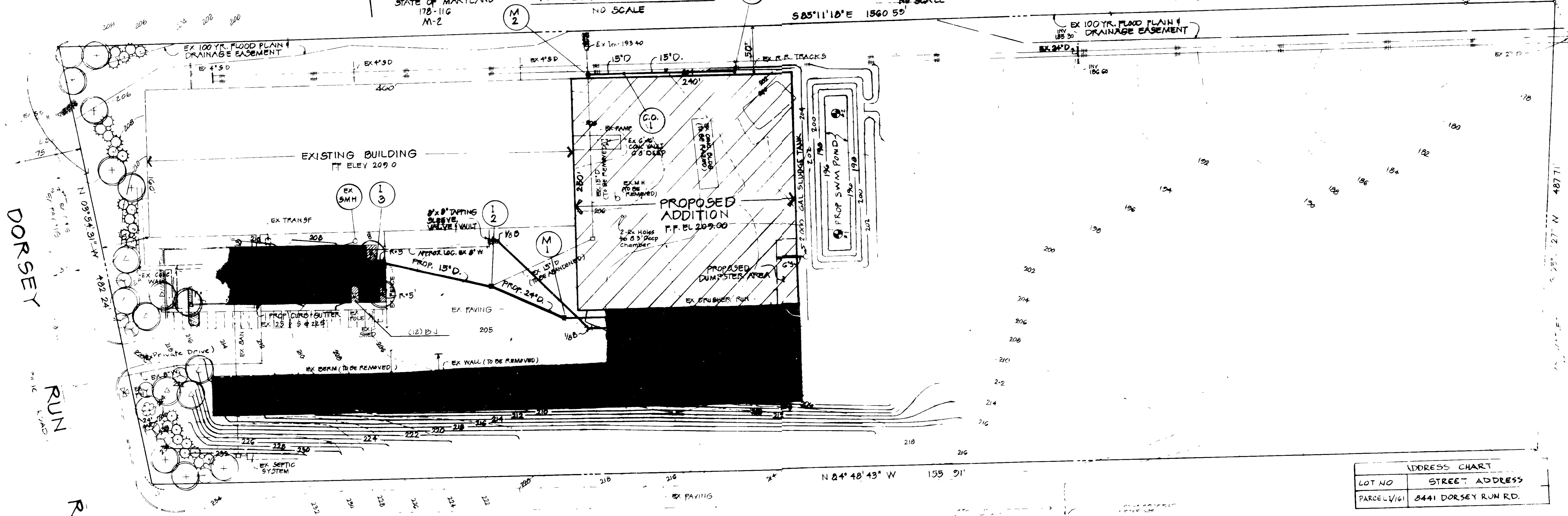
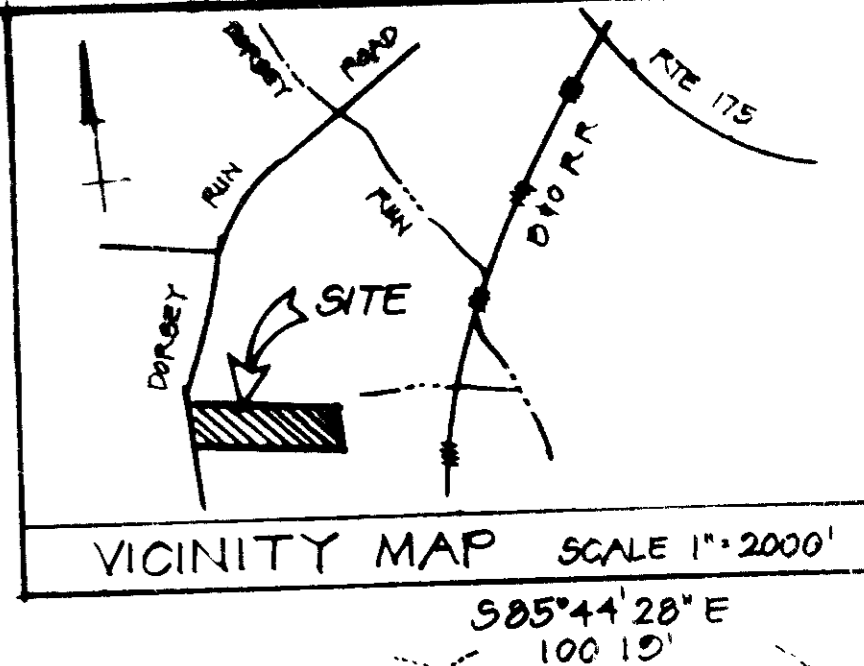
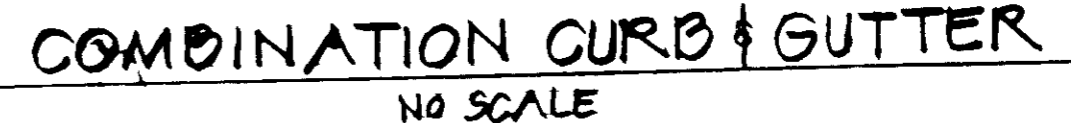
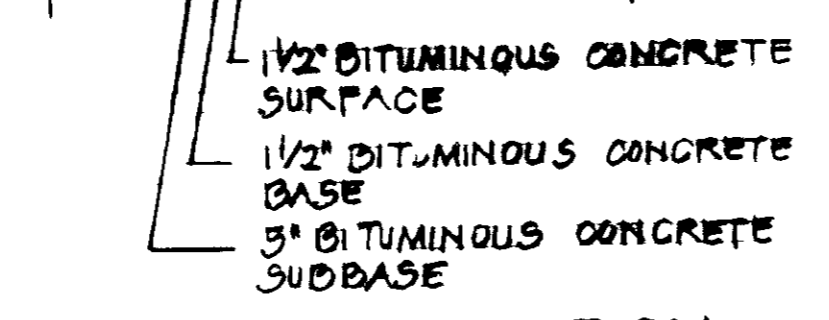
Drawing J.P.	DATE	REVISIONS
Checked P.L.		
Drawn P.L.		
Design P.L.		
Check P.L.		

**ENGINEER**  
PAUL LEE ENGINEERING, INC.  
304 W PENNSYLVANIA AVENUE  
TOWSON, MD 21284 TEL 821-9941

**OWNER**  
FRANK A SERIO and SONS, INC  
3441 DOLESEY RUN ROAD  
JESUP, MARYLAND 20794

SEDIMENT AND EROSION CONTROL DETAILS  
HAMILTON TRACT SUBDIVISION, PARCEL 1 - SERIO PROPERTY  
DOLESEY RUN ROAD  
6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

NOTE:  
1. BERM IN THIS AREA IS NOT POSSIBLE  
BECAUSE OF THE EXISTING SWALE.



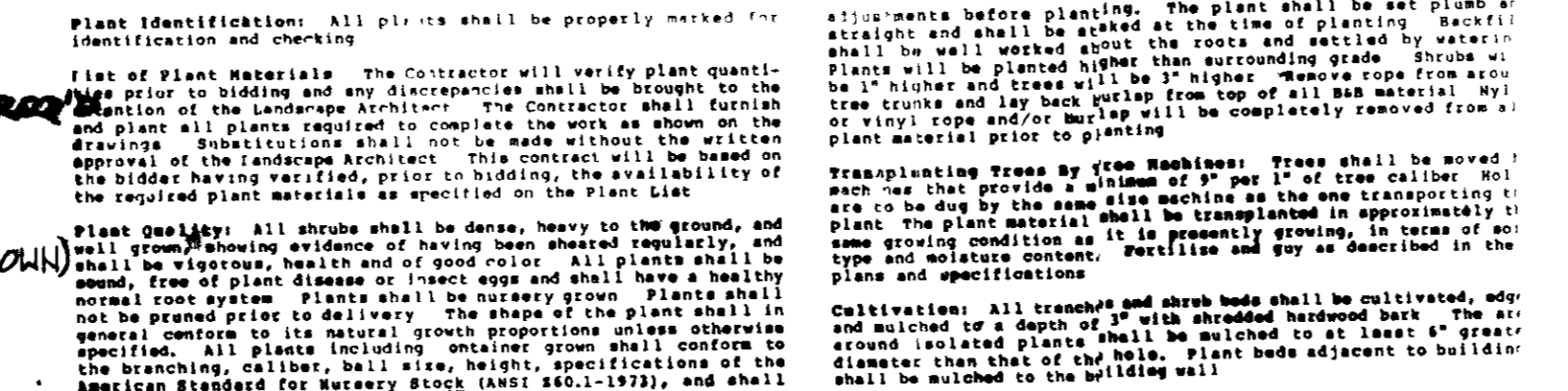
**SITE ANALYSIS**

1. AREA OF SITE: 18.0 Ac.±
2. EXISTING ZONING: M-2 (HEAVY INDUSTRIAL)
3. FLOOR SPACE: EXIST: 73,600 SF PROP: 60,000 SF  
TOTAL: 133,600 SF
4. OPEN SPACE: 18.0 Ac.± x 0.20 = 3.6 Ac.±
5. GREEN AREA: 3.6 Ac.±
6. NUMBER OF EMPLOYEES: 20 OFFICE + 75 WAREHOUSE
7. PARKING REQUIREMENTS: 20 OFFICE @ 7 P.S./10 PERSONS = 14 P.S.  
75 WAREHOUSE @ 1/2 P.S./EMPLOYEE = 38 P.S.  
TOTAL: 52 P.S. (INCL. 5 H.C.)
8. TOTAL PARKING SPACES PROVIDED: 50 (INCL. 5 H.C.)
9. BUILDING COVERAGE OF SITE: 133,600 SF AND 17%
10. PARKING LOT AREA = 15,300  
LANDSCAPED ISLAND AREA = 922 SF (5% OF T.A.)
11. LANDSCAPING TO BE IN ACCORDANCE TO HOWARD COUNTY REGULATIONS.

**PLANT LIST**

KEY	QUANT	BOTANICAL NAME / COMMON NAME	SIZE	CONDITION	REMARKS
(+)	1	ACER RUBRUM / RED SUNSET / RED MAPLE	2 1/2\"/>		
(O)	8	QUERCUS PALAISTRIS / PIN OAK	2 1/2\"/>		
(X)	3	PRUNUS YEDONENSIS / YOSHINO CHERRY	8\"/>		
(*)	20	PINUS STROBUS / WHITE PINE	6\"/>		
(.)	4	PYRUS CAL REDSPIRE / REDSPIRE PEAR	2 1/2\"/>		
(/)	12	JUNIPERUS S. BUFFALOES / BUFFALO JUNIPER	15\"/>		

**SOUTH ELEVATION**



**SPECIFICATION FOR PLANTING**

**Plant Identification:** All plants shall be properly marked for identification and checked. The Contractor shall verify plant quantities prior to bidding and any discrepancies shall be brought to the attention of the landscape architect. The Contractor shall furnish and plant all plants required to complete the work as shown on the drawings. Substitutions shall not be made without the written approval of the landscape architect. The contract will be based on the bidder having verified prior to bidding, the availability of the specified plant material as specified on the plant list.

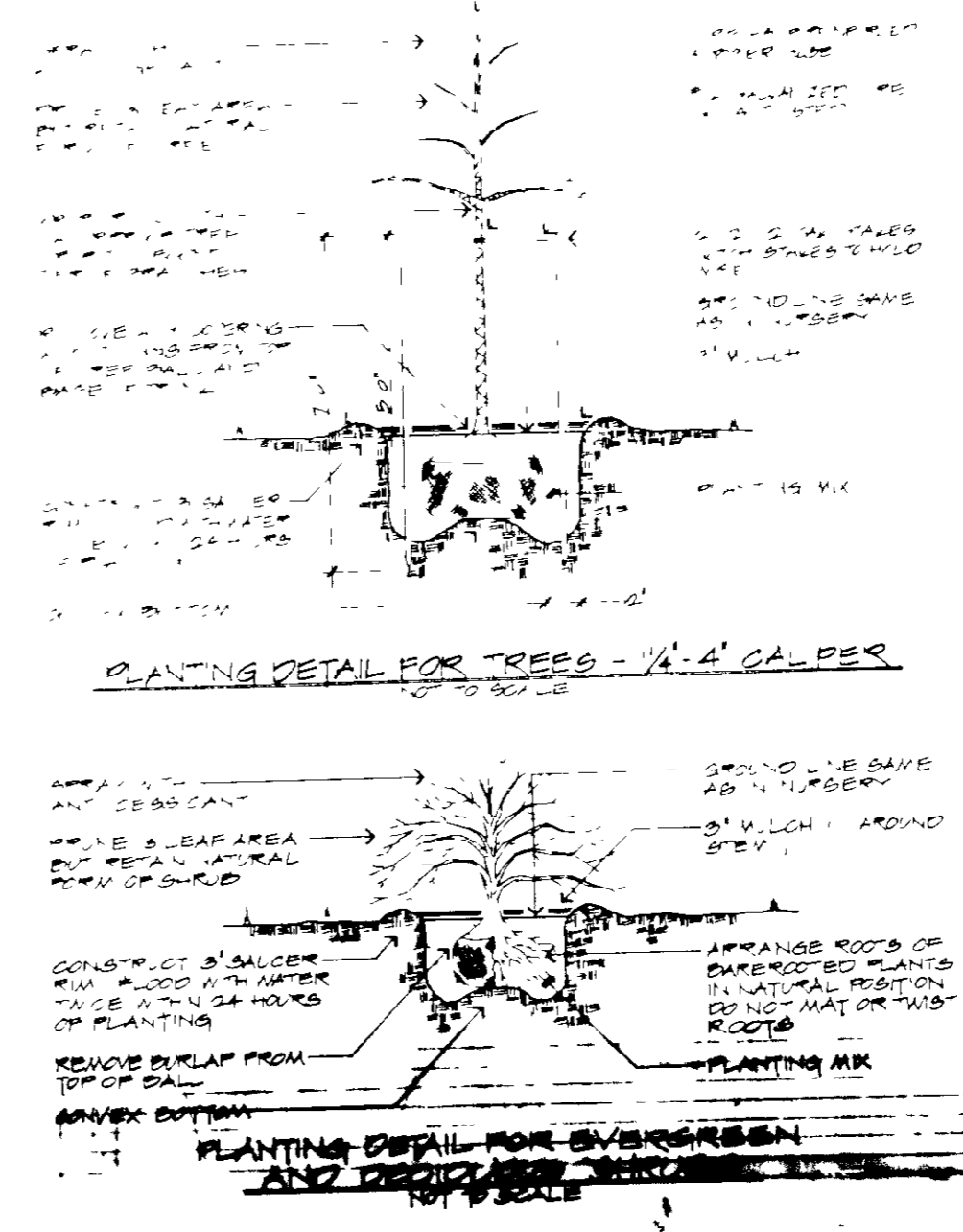
**Plant Quality:** All shrubs shall be dense, heavy to the ground, and well grown showing evidence of having been sheared regularly, and shall be vigorous, healthy and of good color. All plants shall be rooted, free of plant disease or insect eggs and shall have a healthy normal cone system. Plants shall be nursery grown. Plants shall not be graded prior to delivery. The shape of the plant shall conform to the general outline of the natural growth habit and the characteristics specified. All plants including shrubs shall conform to the American Standard for Nursery Stock (ANSI Z60.1-1973), and shall American Standard for Nursery Stock (ANSI Z60.1-1973), and shall be uniformly well-shaped. All plant sizes shall average at least the size of the range given in the plant list, and shall be the middle of the range given in the plant list.

**Plant Spacing:** Plant spacing to be as shown on plan or as shown on the plant list.

**Soil Mix:** Soil mix will be 2/3 existing soil, 1/3 loam soil or equal organic material, thoroughly mixed and homogenized.

**Ball Size:** The ball size shall conform to the American Association of Nurserymen's publication entitled American Standard For Nursery Stock, ANSI Z60.1-1973.

**Planting:** Holes for all plants shall be 18\"/>



**HUMAN & ROHDE, INC.**  
Landscape Architects  
710 E. Pennsylvania Avenue  
Towson, Maryland 21284  
(301) 825-3885

**ADDRESS CHART**

LOT NO	STREET ADDRESS
PARCEL 1/61	8441 DORSEY RUN RD.

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

James M. Lee  
DIRECTOR 12-16-88 DATE

William E. Relyea  
CHIEF BUREAU OF ENGINEERING 12-16-88 DATE

APPROVED FOR PUBLIC WATER SYSTEMS AND PRIVATE SEWER SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT

John J. ...  
COUNTY HEALTH OFFICER 12-8-88 DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

James ...  
PLANNING DIRECTOR 12-28-88 DATE

...  
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT 12-29-88 DATE

**NOTES:**  
1. CONTRACTOR SHALL NOTIFY 'MISS UTILITY' A MIN. OF 72 HOURS PRIOR TO DIGGING (1-800-251-7777)  
2. LOCATION OF ALL PLANT MATERIAL TO BE APPROVED IN THE FIELD BY THE LANDSCAPE ARCHITECT.  
3. THE LANDSCAPE ARCHITECT IS TO BE NOTIFIED 48 HRS BEFORE PLANTING BEGINS.

PLANTING PLAN 6-7-88, REVISED 8-18-88

**LANDSCAPE PLAN**  
HAMILTON TRACT SUBDIVISION PARCEL 1 - SITE PROPERTY

DATE: MAR 1989  
SCALE: 1"=50'  
JOB NUMBER: 27017

**REVISIONS**

DATE	REVISIONS
7-28-89	ENLARGED PARKING AREA 5.5' SIDE EX. BLDG

**ENGINEER**  
**PAUL LEE ENGINEERING, INC.**  
304 W. PENNSYLVANIA AVENUE  
TOWSON, MD 21284 TEL 881-3841

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