

HANDICAPPED PARKING SIGN SPECIFICATIONS

I. Fine Sign:

Pursuant to Howard County Council Bill #58-84, which established a \$50.00 fine for violating provisions for handicapped parking and provided for posting notifications of that fine, this specification describes the sign authorized for posting and the associated mounting details.

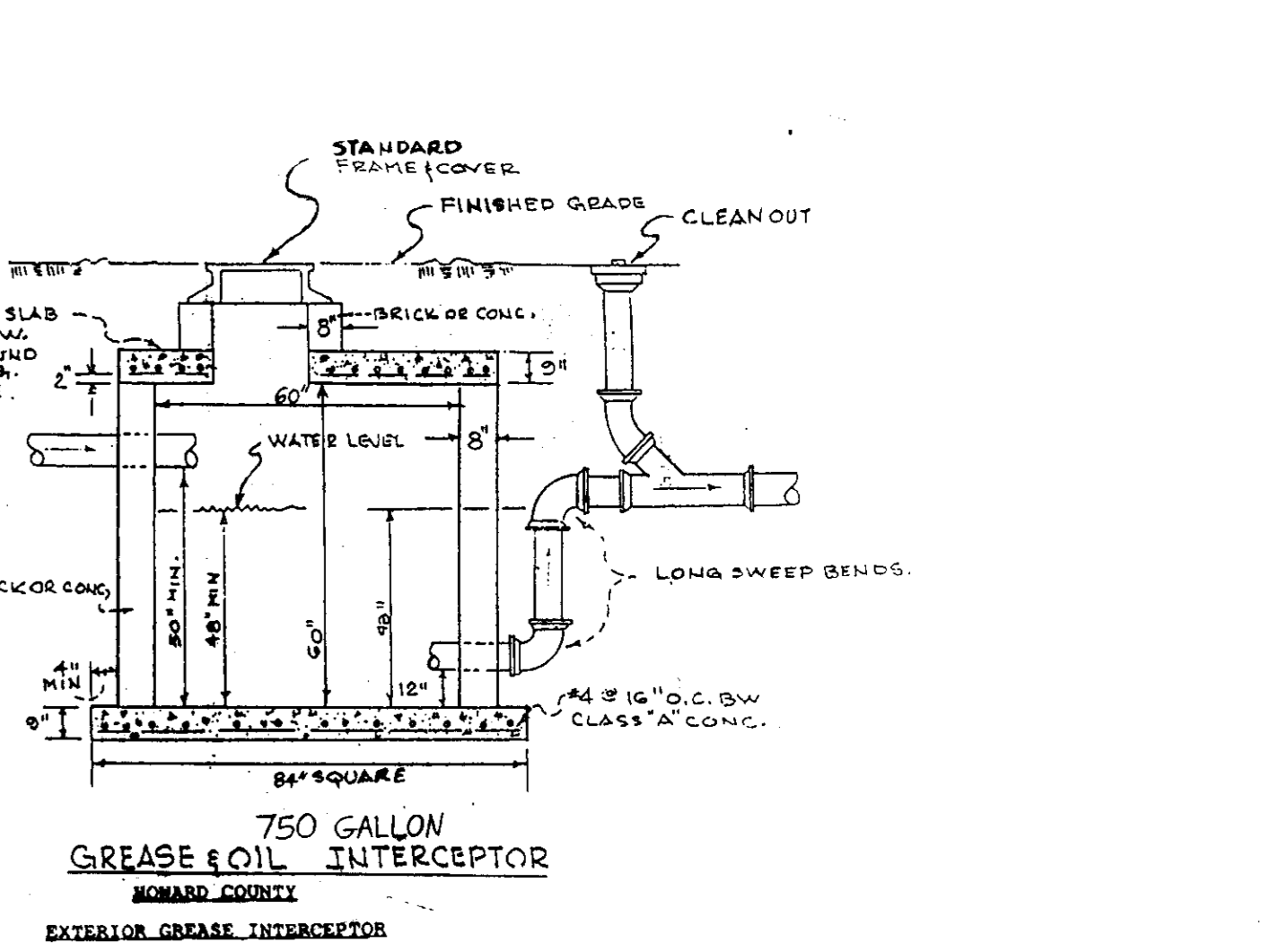
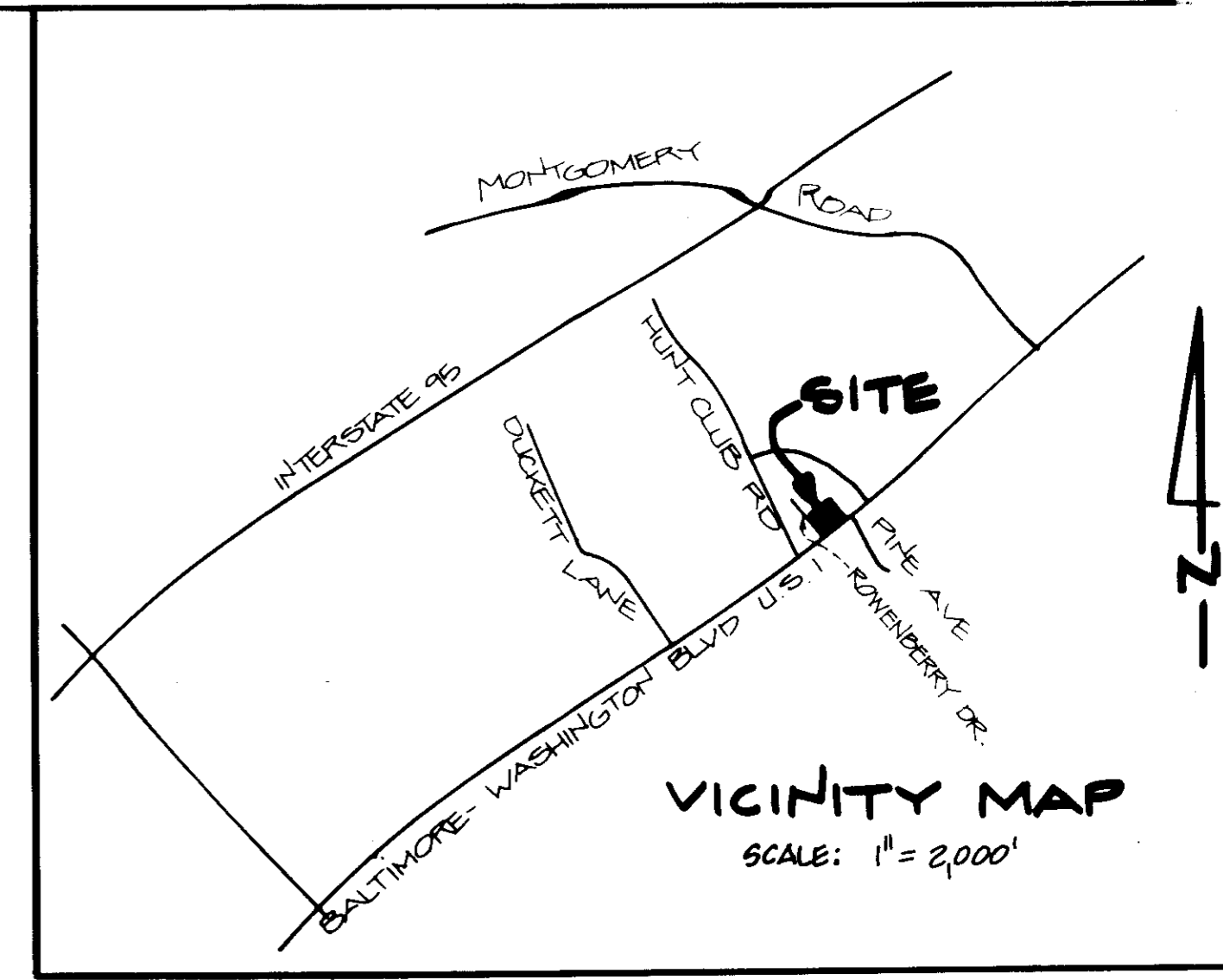
\$50 FINE

Sign to utilize an aluminum blank 6" x 12" x 0.080 inch thick with two (2) single post mounting holes. The text and border shall be standard green to match the R7-8 reserved parking sign and the background shall be reflective white. The text shall be 3" characters.

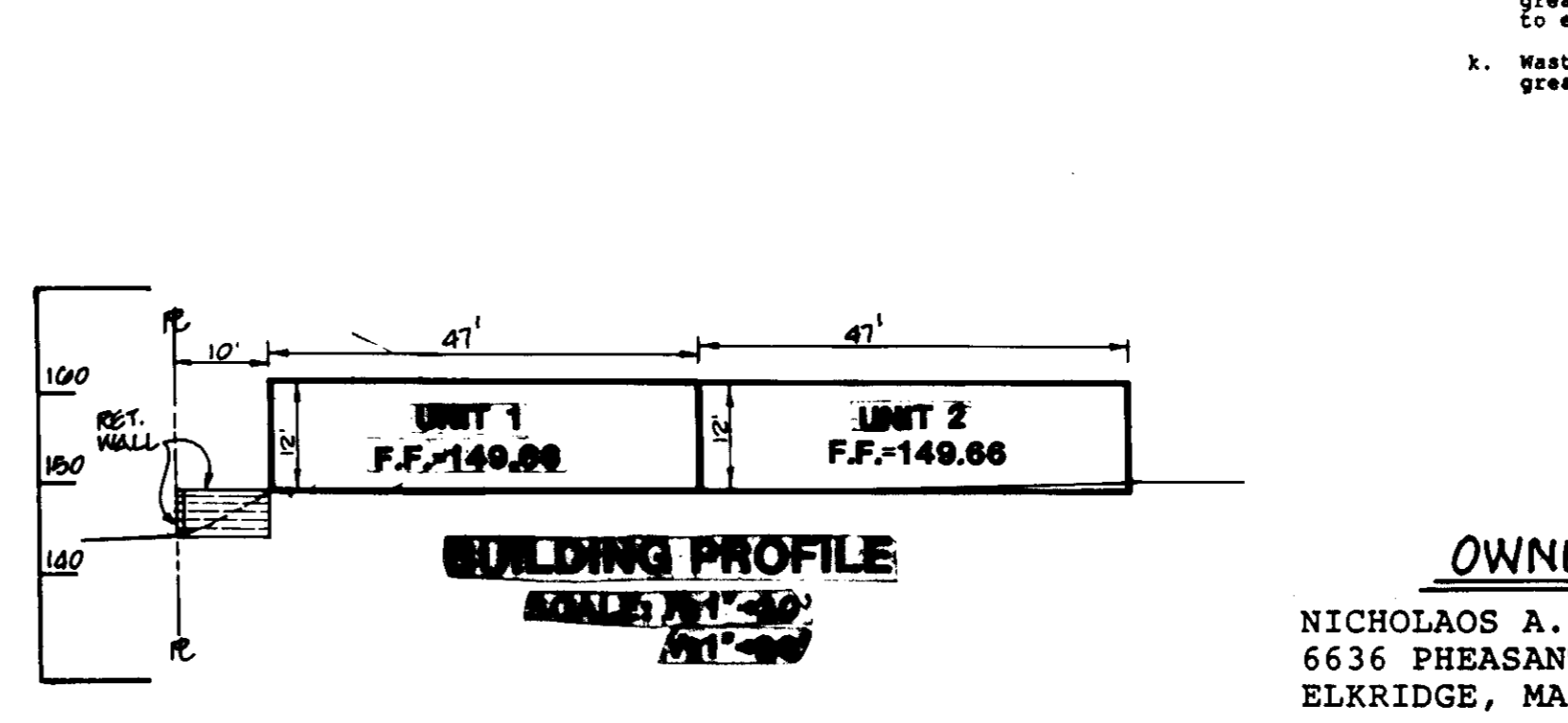
II. Mounting:

The above fine sign shall be mounted underneath the below R7-8 reserved parking sign. The bottom edge shall be no less than 7 feet above ground. If the sign is placed against a building, structure or other location where vehicle or pedestrian traffic is not obstructed, the bottom edge of the sign shall be at least 6 feet, but no more than 10 feet above ground. Because this is in addition to existing sign installations, some adjustment in height will be necessary.

3430 Courthouse Drive • Ellicott City, Maryland 21043



- The grease interceptor shall be designed and sized for the efficient removal of grease at the maximum anticipated flow. The minimum grease interceptor size shall be 750 gallons.
- Grease interceptor location shall be outside the building and accessible for cleaning.
- Venting shall be required so as to conform with the Howard County Plumbing Code.
- Clean-outs shall be provided on the inlet and outlet for unplugging sewer lines and "dip pipes" of the interceptor.
- The inlet port shall be approximately 3" to 6" above the outlet port.
- The inlet pipe shall extend 6" below the liquid level.
- The outlet pipe shall extend 18" below the liquid level or 12" from the intercept of floor.
- Access shall be provided for cleaning and inspection.
- Access covers shall be gas-tight and constructed to withstand expected traffic weight.
- All drains containing concentrations of fats, oils and greases shall discharge to the grease interceptor prior to entering the sanitary sewer system.
- Waste from garbage grinders and restrooms shall bypass the grease interceptor.



| ADDRESS CHART | |
|---------------|----------------------|
| BLDG. | ADDRESS |
| N/A | 6400 WASHINGTON BLVD |

| OWNER | | | |
|--------------------------|--|--|--|
| NICHOLAOS A. PAPAVALIS | | | |
| 6636 PHEASANT DRIVE | | | |
| ELKRIDGE, MARYLAND 21227 | | | |
| (410) 790-8648 | | | |

| KCI TECHNOLOGIES, INC. | | | |
|----------------------------------|--|----------|--|
| ENGINEERS - PLANNERS - SURVEYORS | | | |
| 8308 PATUXENT RANGE ROAD | | | |
| JESSUP, MARYLAND 20794-9609 | | | |
| PHONE: (301) 953-1821 (WASH.) | | | |
| (410) 782-0080 (BALT.) | | | |
| PAPAVALIS PROPERTY | | | |
| SITE DEVELOPMENT PLAN | | | |
| 04-06-92 | | AS SHOWN | |

| APPROVED HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING | | | |
|---|---|---|----------|
| Director: <i>[Signature]</i> 3/11/93 DATE | | | |
| Chief, Division of Community Planning and Land Development: <i>[Signature]</i> 3/11/93 DATE | | | |
| SPH | 1 | Address: Ho. Co. Comments | 7/28/92 |
| GDH | 2 | " | 10/15/92 |
| BLJ | - | REVISED PER MARK-UPS / Ho. Co. COMMENTS | 9/31/93 |
| REVISION DATE | | | |

| APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS | | | |
|---|--|--|--|
| Director: <i>[Signature]</i> 3/10/93 DATE | | | |
| Chief, Bureau of Engineering: <i>[Signature]</i> 3-10-93 DATE | | | |
| Approved for Public Water and Public Sewerage Systems: <i>[Signature]</i> 3/11/93 DATE | | | |
| County Health Officer: <i>[Signature]</i> 3/11/93 DATE | | | |

| ENGINEERS CERTIFICATE | | | |
|---|--|------|--|
| I CERTIFY THAT THIS PLAN FOR EROSION & SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT. | | | |
| U.S. Soil Conservation Service | | Date | |
| These plans for erosion and sediment control meet the requirements of the Howard Soil Conservation District. | | | |
| Howard Soil Conservation District | | Date | |

ENGINEERS CERTIFICATE

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

[Signature] 12/10/92 DATE

ENGINEERS SIGNATURE

DEVELOPERS CERTIFICATE

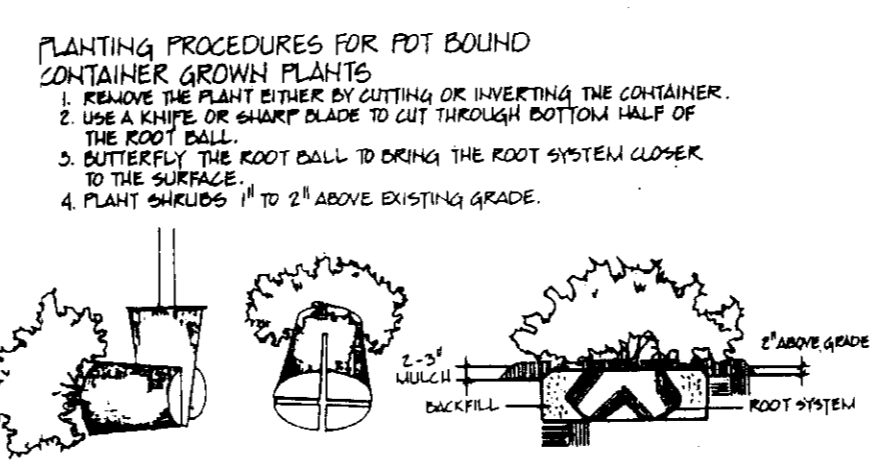
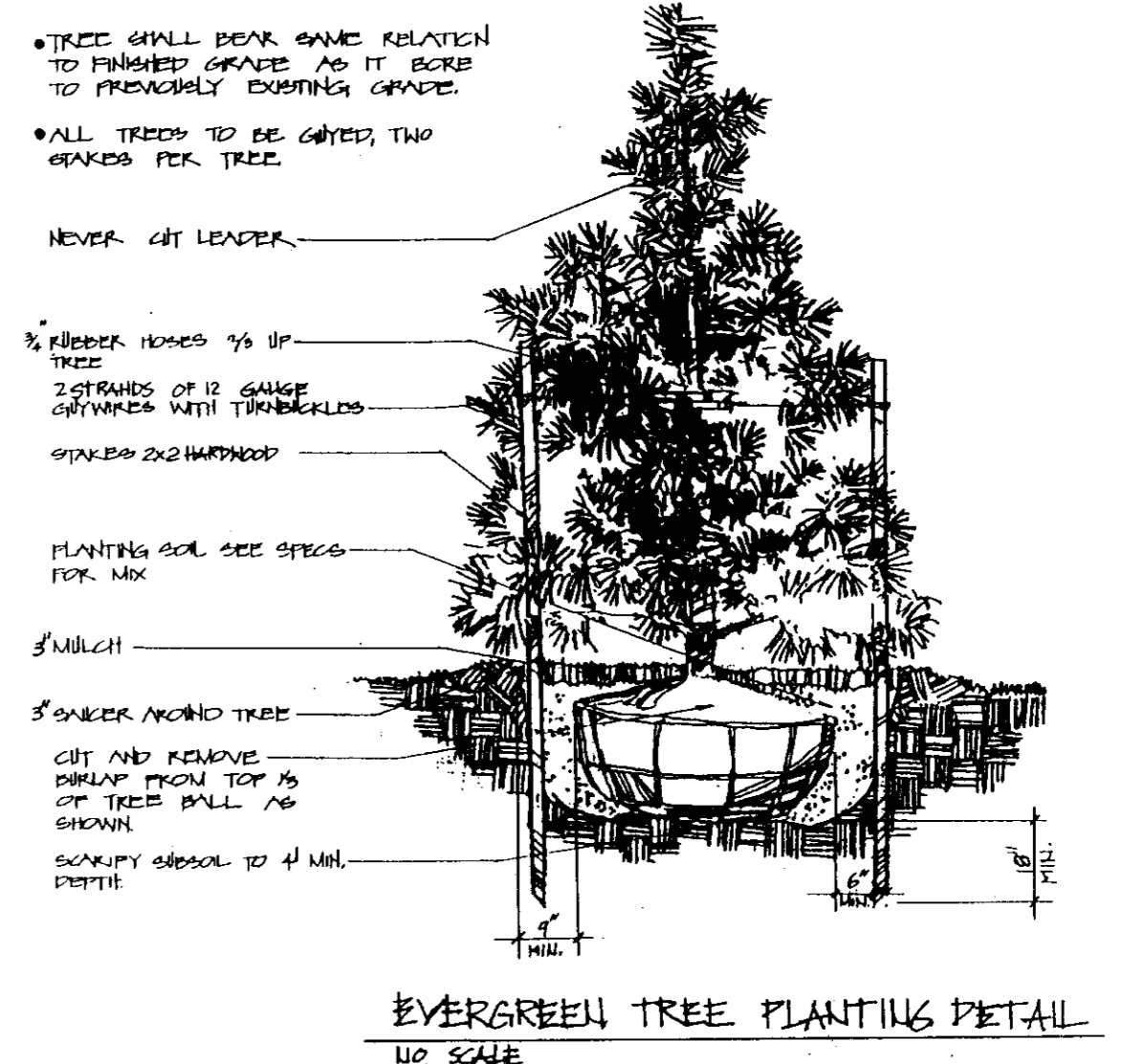
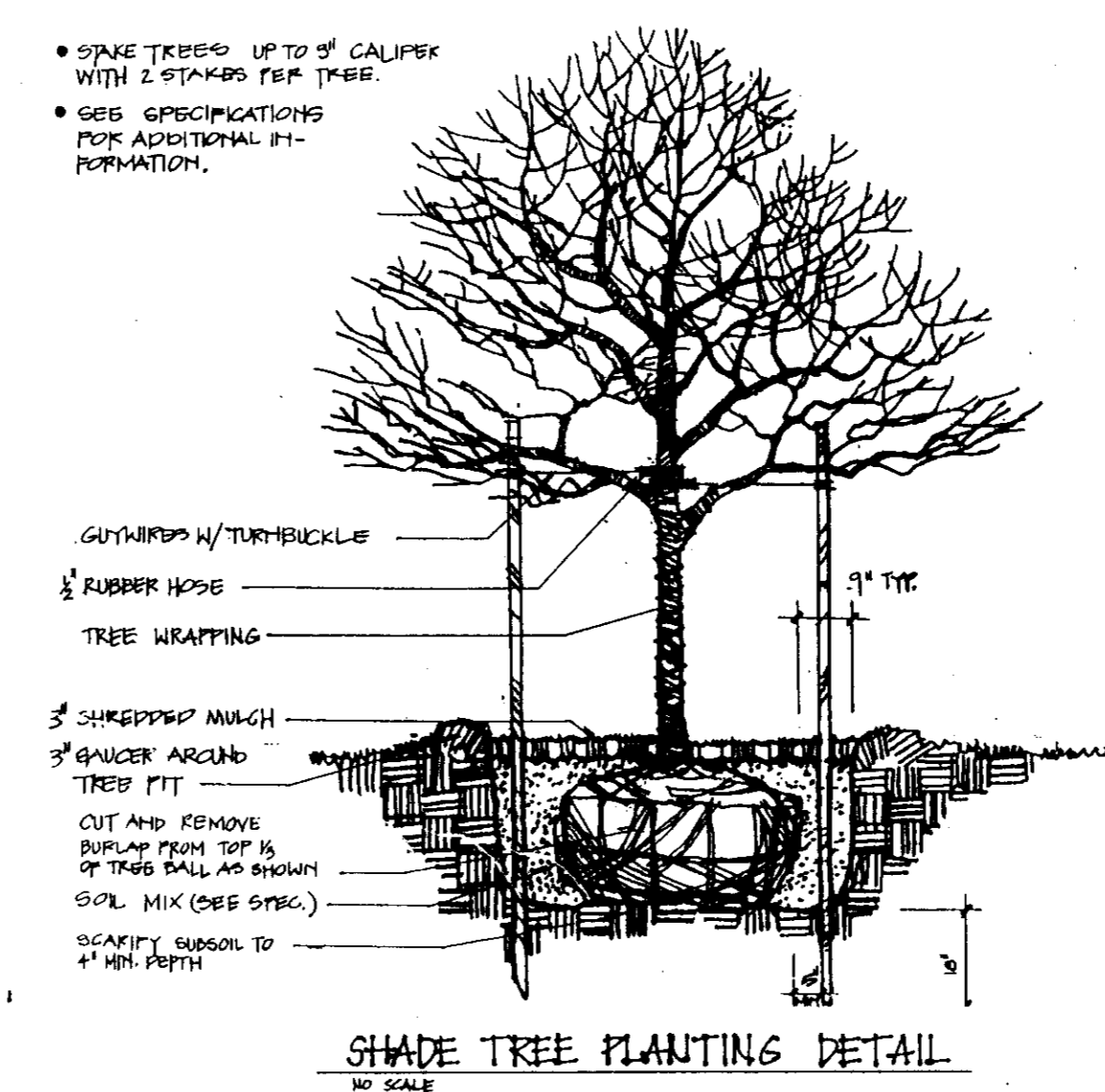
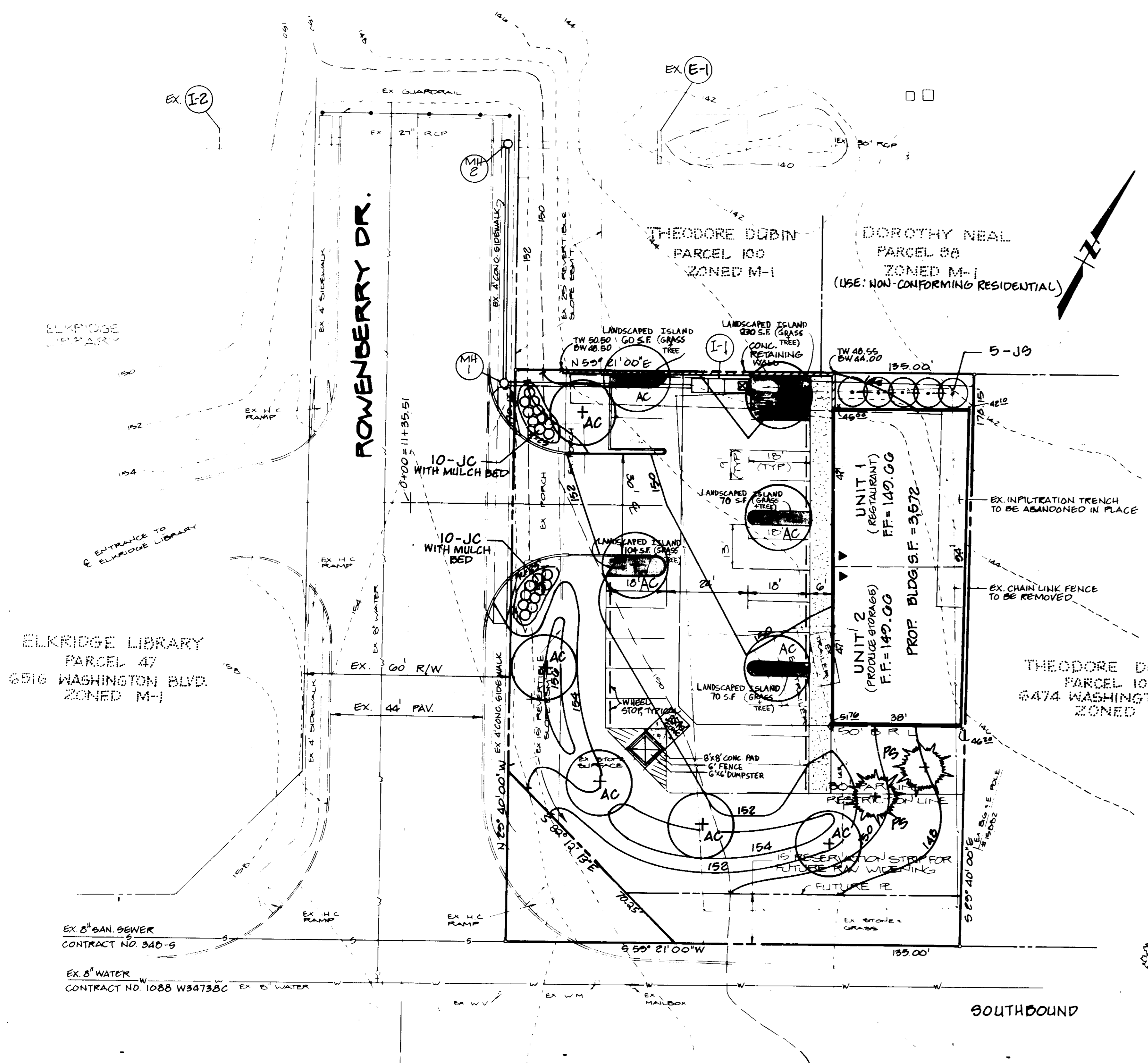
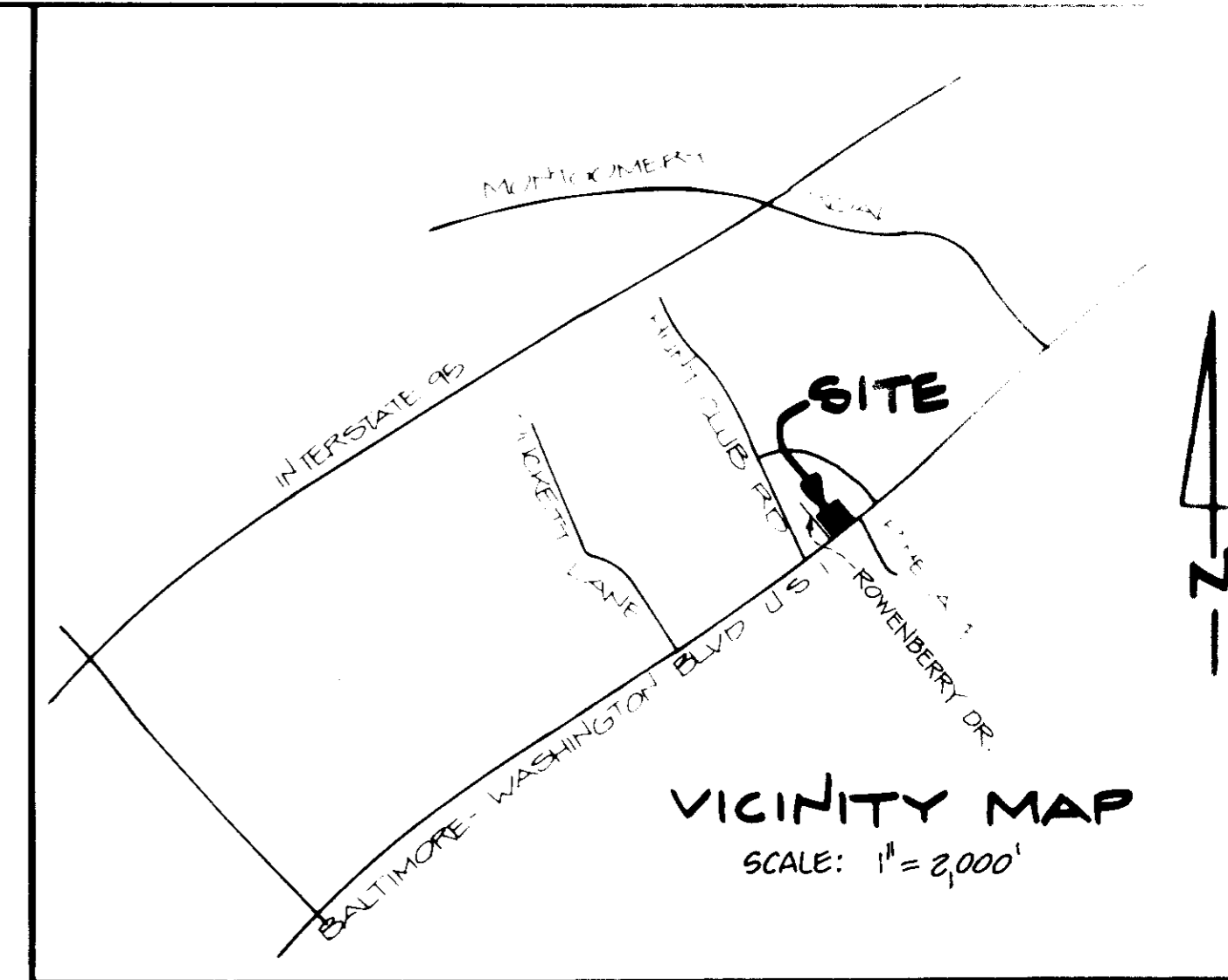
I/WE CERTIFY THAT ALL DEVELOPMENT & CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT & EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.

[Signature] 12/10/92 DATE

DEVELOPERS SIGNATURE

GENERAL LANDSCAPE NOTES

1. Plant names shall conform to the nomenclature of Standardized Plant Names. Substitutions shall not be made without approval of landscape architect. All plants shall be properly identified by name and size on legible labels securely attached to plants.
2. All plants shall (1) be true to type and name, (2) typical of their species or variety, (3) have a normal well-developed branch structure with a vigorous root system.
3. For a period of twelve months from the date that the work under this contract is certified as complete, the contractor shall: (1) guarantee all plants under this contract; (2) remove and replace, during the guarantee period, plants which die or are in a badly impaired condition; (3) replant with stock of same size and quality as originally specified; (4) guy as specified, at no additional cost.
4. Plants shall be staked out as indicated on plan.
5. Topsoil shall not be placed when ground is excessively wet, or in a condition that the soil cannot be worked easily and dressed smooth.
6. Provide 2" mulch at all plant beds, including tree and shrub pits. After completing mulching operations, water all newly planted areas until soaked to a minimum depth of 2".



PLANTING PROCEDURES FOR POT BOUND CONTAINER GROWN PLANTS
NO SCALE

PLANT LIST

| KEY | QUANTITY | BOTANICAL NAME / COMMON NAME | SIZE | ROOT | REMARKS |
|-----|----------|--|------------------|-------|----------------------|
| AC | 10 | ACER SACCHARUM / SUGAR MAPLE | 2 1/2' - 3' CAL. | B&B | FULL / SPECIMEN |
| PS | 2 | PINUS STROBUS / EASTERN WHITE PINE | 6' - 8' HT. | B&B | FULL / 10' O.C. MIN. |
| JC | 20 | JUNIPER CHINENSIS 'SARGENTII' / SPREADING JUNIPERS | 10' HT. | CONT. | 30" SPACING |
| J0 | 5 | JUNIPER CHINENSIS 'SPARTAN' / SPARTAN JUNIPER (PYRAMID SHAPED) | 3' - 4' HT. | B&B | FULL / 8' O.C. |

NOTE:
TOTAL AREA OF PARKING LOT: 7,278 S.F.
INTERIOR LANDSCAPING AREA REQUIRED AT 5%: 364 S.F.
INTERIOR LANDSCAPING AREA PROVIDED: 534 S.F.

OWNER
NICHOLAOS A. PAPAVALIS
6636 PHEASANT DRIVE
ELKRIDGE, MARYLAND 21227
(410) 796-8648

ADDRESS CHART

| | |
|-------|----------------------|
| BLDG. | ADDRESS |
| N/A | 6490 WASHINGTON BLVD |

PROPOSED NAME (OWNER'S NAME)

| | | |
|------------------------|-----|----------|
| NICHOLAOS A. PAPAVALIS | N/A | # 99 |
| 1004-689 | 7 | M-1 |
| 30 | 161 | 6011 |
| DATE | DOG | 21150532 |

NOTE: THIS PLAN FOR LANDSCAPING USE ONLY

APPROVED BY HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Frank W. Taylor 2/11/93 DATE

William J. Holcomb 3/11/93 DATE

COMMUNITY PLANNING AND DEVELOPMENT

Address: He Co. Comments: 7/20/92

10/15/92

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

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

James P. Lee 3/10/93 DATE

James M. Boyd and Paul J. Sire 3/11/93 DATE

HEALTH DEPARTMENT

These plans have been reviewed for the Howard Soil Conservation District and meet the technical requirements for erosion and sediment control.

James M. Hilly 2/11/93 DATE

Soil Conservation Service

These plans for erosion and sediment control meet the requirements of the Howard Soil Conservation District.

Paul J. Sire 2/11/93 DATE

Howard Soil Conservation District

ENGINEERS CERTIFICATE

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

Robert W. H... .. 12/10/92 DATE

ENGINEER'S SIGNATURE

DEVELOPERS CERTIFICATE

I WE CERTIFY THAT ALL DEVELOPMENT & CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT & EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT

Nicholaos H. Papavasilis 12/10/92 DATE

DEVELOPERS SIGNATURE

KCI TECHNOLOGIES, INC.

ENGINEERS - PLANNERS - SURVEYORS

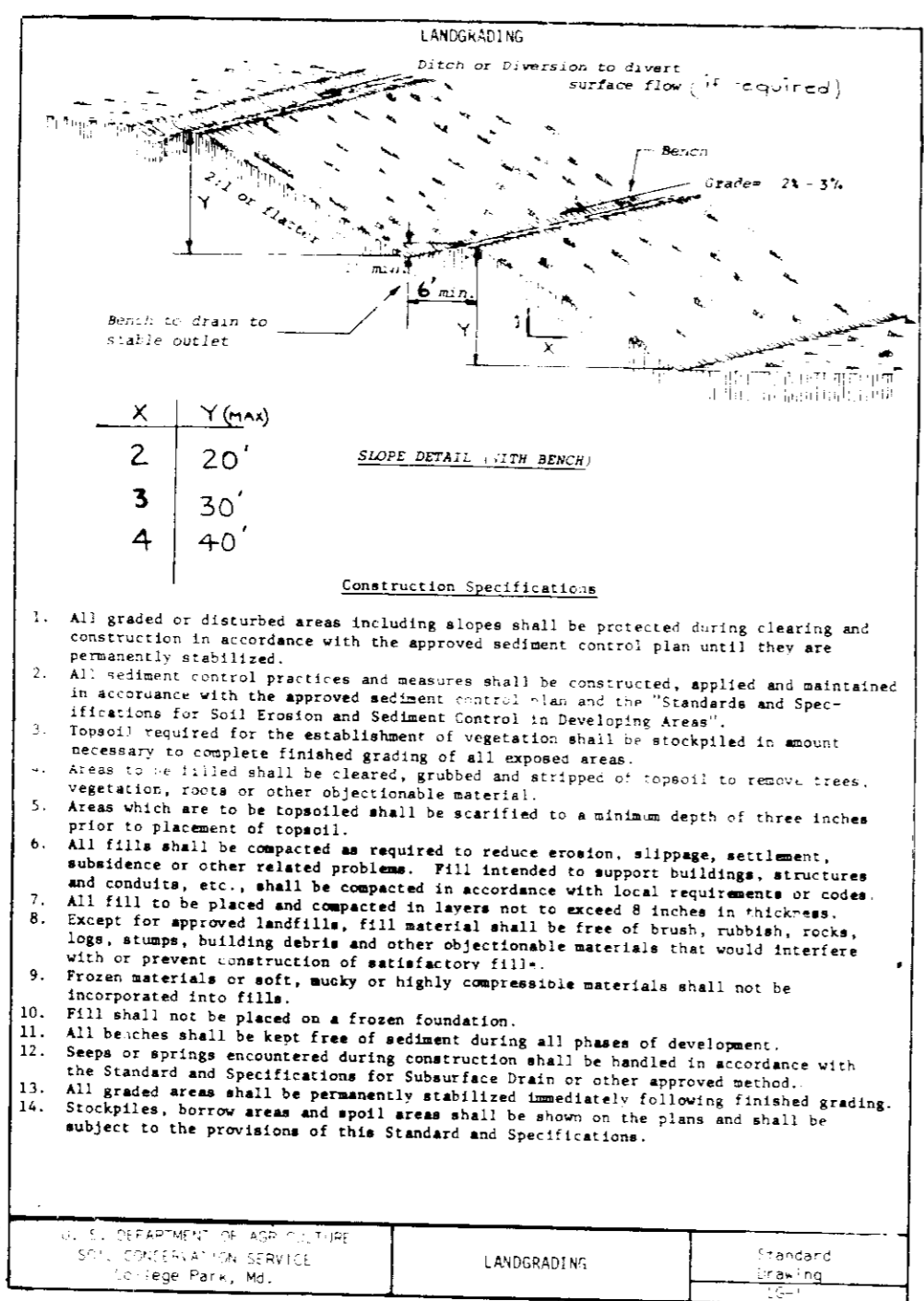
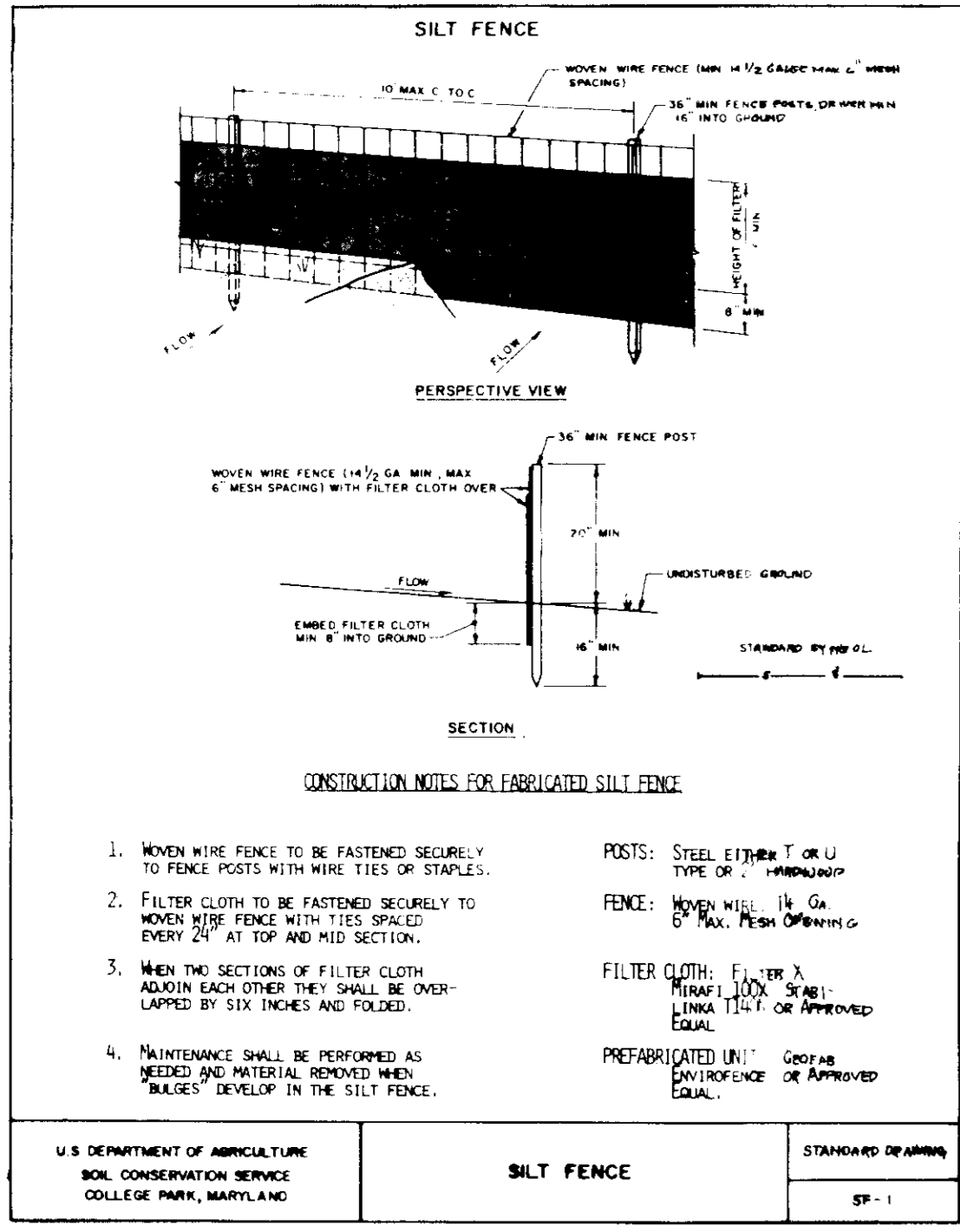
8306 PATUXENT RANGE ROAD
JESSUP, MARYLAND 20794-8609
PHONE: (301) 953-1821 (WASH.)
(410) 782-6066 (BALT.)

PAPAVALIS PROPERTY

LANDSCAPING PLAN

04-06-92 AG 6HOWN

Draw No. 4 of 7



PERMANENT SEEDING NOTES

Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.

Seedbed Preparation: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding. If not previously loosened.

Soil Amendments: In lieu of soil test recommendations, use one of the following schedules:

- Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 400 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding. Narrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 urea fertilizer (6 lbs/1000 sq ft).
- Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 3000 lbs per acre 10-10-10 fertilizer (23 lbs/1000 sq ft) before seeding. Narrow or disc into upper three inches of soil.

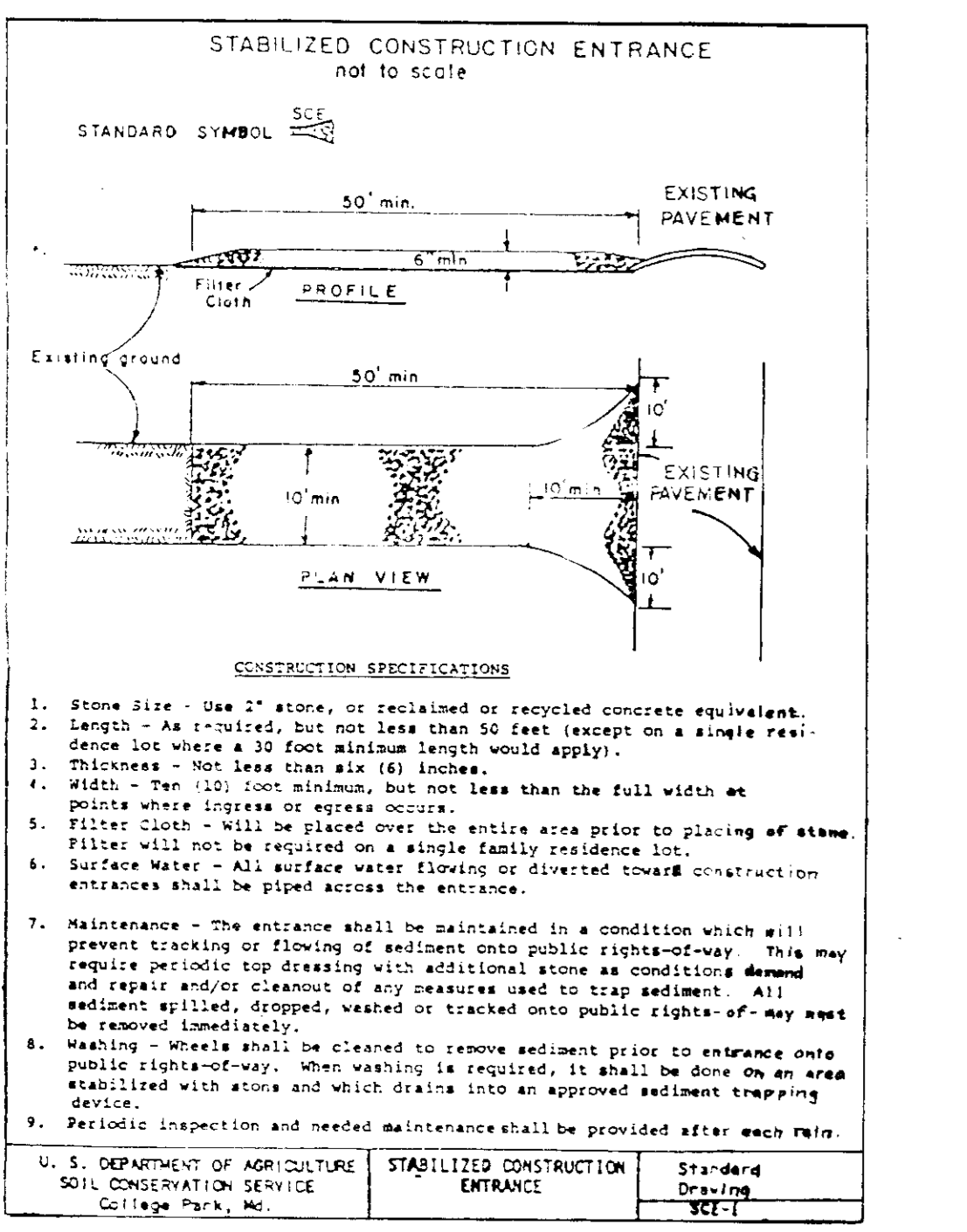
Seeding: For the periods March 1 thru April 30, and August 1 thru October 15, seed with 50 lbs per acre (14 lbs/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre (5.00 lbs/1000 sq ft) of seeding legume. During the period of October 16 thru February 28, protect site by: Option (1) 2 tons per acre of well anchored straw mulch and seed acre Kentucky 31 Tall Fescue and mulch with 2 tons acre well anchored straw. Option (2) 1/2" seed. Option (3) Seed with 50 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 lb/1000 sq ft) of untreated small grain straw immediately after seeding. Anchor mulch immediately after application using on flat areas. On slopes 8 feet or higher, use 1/2" gal/1000 sq ft of emulsified asphalt for anchoring.

Maintenance: Inspect all seeded areas and make needed repairs, replacements and reseedings.

SEDIMENT CONTROL NOTES

- 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.
- 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.
- 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.
- 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.
- 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. 31) and sod (Sec. 34), temporary seedings (Sec. 30) and mulching (Sec. 31). Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
- 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.
- Site Analysis:**
Total Area of Site: 0.4986 Acres
Area Disturbed: 0.3882 Acres
Area to be roofed or paved: 0.30 Acres
Area to be vegetatively stabilized: 0.1086 Acres
Total Cut: 0.00 Cu. yds
Total Fill: 12.82 Cu. yds
Offsite waste/borrow area location: BORROW LOCATION UNDETERMINED
- Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- Additional sediment controls must be provided, if deemed necessary by the Howard County DW sediment control inspector.



TEMPORARY SEEDING NOTES

Apply to graded or cleared areas likely to be redisturbed where a short-term vegetative cover is needed.

Seedbed Preparation: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding. If not previously loosened.

Soil Amendments: Apply 400 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 24 lbs per acre of annual ryegrass (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 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 (70 to 90 lb/1000 sq ft) of untreated small grain straw immediately after seeding. Anchor mulch immediately after application using on flat areas. On slopes 8 feet or higher, use 1/2" gal/1000 sq ft of emulsified asphalt for anchoring.

Maintenance: Inspect all seeded areas and make needed repairs, replacements and reseedings.

Site Preparation

Fertilizer and lime application rates shall be determined by soil tests. Under unusual circumstances where there is insufficient time for a complete soil test, fertilizer and lime materials may be applied in amounts shown under B, below.

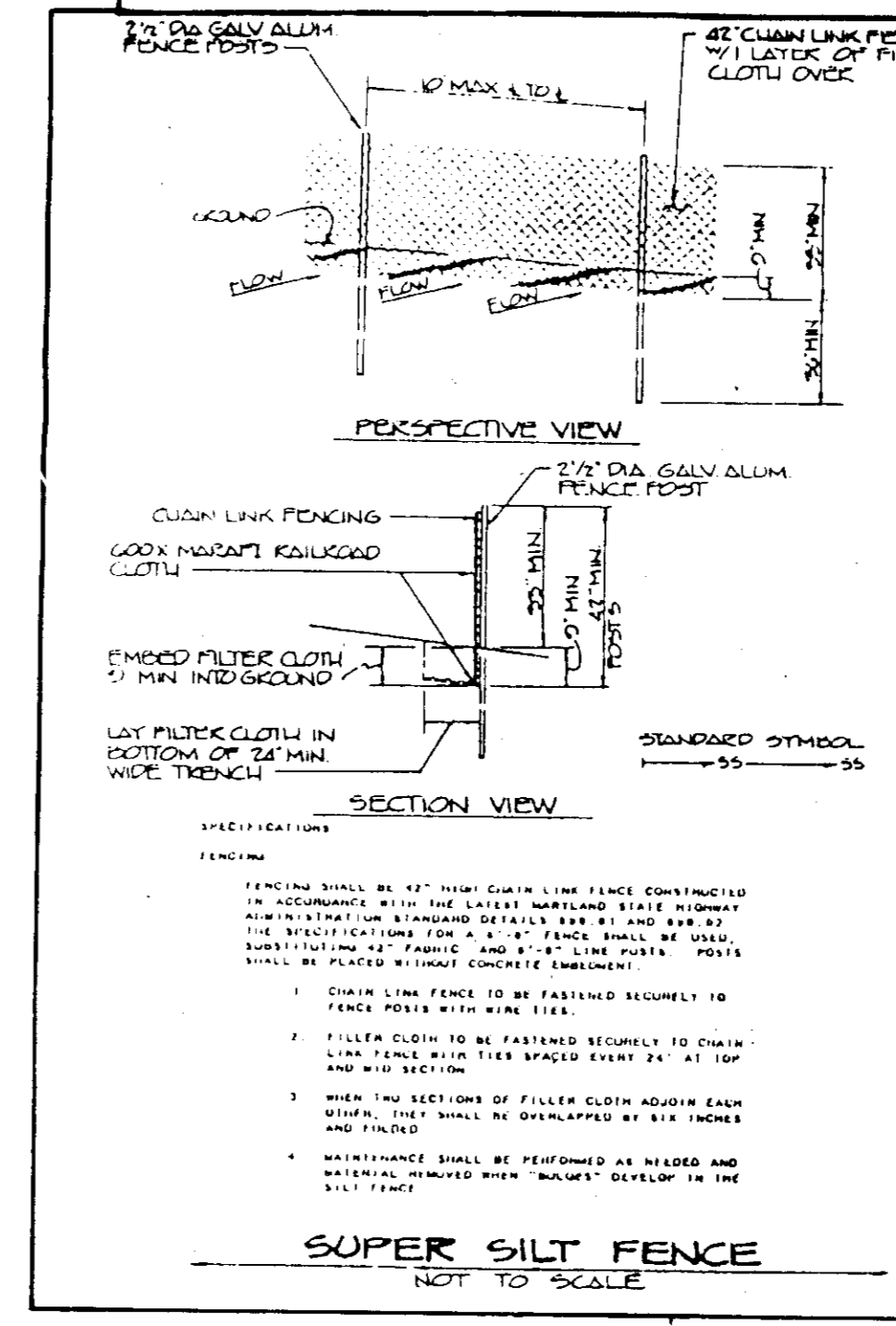
- Prior to sodding, the surface shall be cleared of all trash, debris, and of all roots, brush, wire, grade stakes and other objects that would interfere with planting, fertilizing or maintenance operations.
- Where the soil is acid or composed of heavy clays, ground limestone shall be spread at the rate of 2 tons/acre or 100 pounds per 1,000 square feet. In all soils 1,000 pounds per acre or 25 pounds per 1,000 square feet of 10-10-10 fertilizer or equivalent shall be uniformly applied and mixed into the top 3 inches of soil with the required lime.
- All areas receiving sod shall be uniformly lime placed. Hard-packed earth shall be scarified prior to placement of sod.

Sod Installation

- During periods of excessively high temperature the soil shall be lightly irrigated immediately prior to laying the sod.
- The first row of sod shall be laid in a straight line with subsequent rows placed parallel to and slightly wedged against each other. Lateral joints shall be staggered to promote more uniform growth and strength. Insure that sod is not stretched or collapsed and that all joints are butted tight in order to prevent voids which would cause air drying of the roots.
- On sloping areas where erosion may be a problem, sod shall be laid with the long edges parallel to the contour and with staggered joints. Secure the sod by tamping and pegging or other approved methods.
- As sodding is completed in any one section, the entire area shall be rolled or tamped to insure solid contact of roots with the soil surface. Sod shall be watered immediately after rolling or tamping until the underside of the new sod pad and soil surface below the sod are thoroughly wet. The operations of laying, tamping and irrigating for any piece of sod shall be completed within eight hours.

Sod Maintenance

- In the absence of adequate rainfall, watering shall be performed daily or as often as necessary during the first week and in sufficient quantities to maintain moist soil to a depth of 4 inches. Watering should be done during the heat of the day to prevent wilting.
- After the first week, sod shall be watered as necessary to maintain adequate moisture and insure establishment.
- First mowing should not be attempted until sod is firmly rooted. No more than 1/3 of the grass leaf shall be removed by the initial cutting or subsequent cuttings. Grass height shall be maintained between 2 and 3 inches unless otherwise specified.
- Maintenance of established sod should follow specifications outlined in table 34-1.

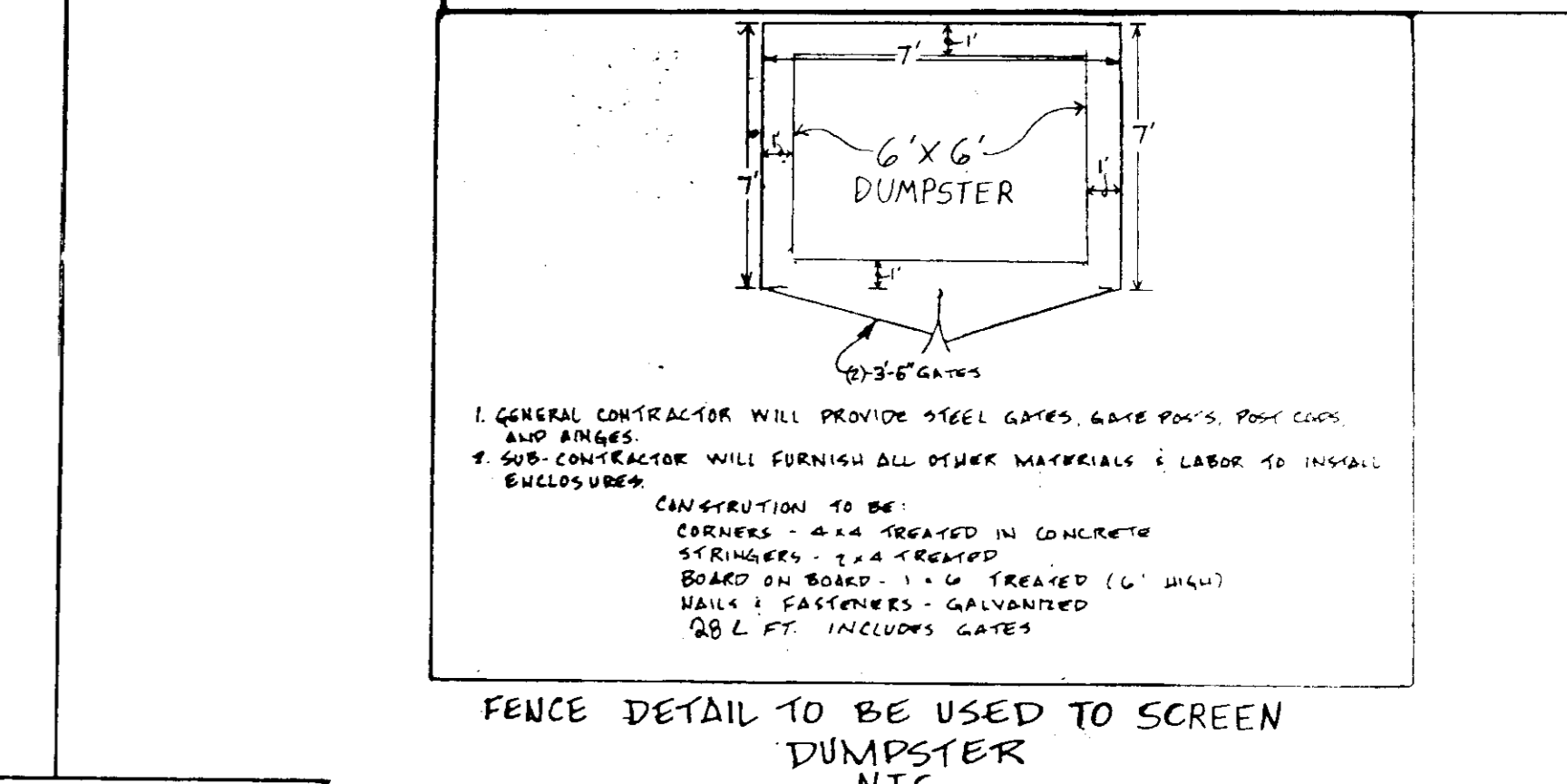


SEDIMENT CONTROL NOTES

- 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.
- 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.
- 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.
- 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.
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Area to be vegetatively stabilized: 0.1086 Acres
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Total Fill: 12.82 Cu. yds
Offsite waste/borrow area location: BORROW LOCATION UNDETERMINED
- Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- Additional sediment controls must be provided, if deemed necessary by the Howard County DW sediment control inspector.

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.

NOTE: FOR SEQUENCE OF CONSTRUCTIONS, SEE SHEET 5 OF 7



| ADDRESS CHART | | |
|---------------|----------------------|--|
| BLDG | ADDRESS | |
| N/A | 6490 WASHINGTON BLVD | |

| HOWARD COUNTY, MARYLAND | | | |
|---------------------------------|------------|-----------|----------------------------------|
| SUBDIVISION NAME (OWNER'S NAME) | SECT./AREA | PARCEL NO | |
| NICHOLAOS A. PAPAVALIS | N/A | 99 | |
| PLAT NO OR L/F | BLOCK NO | ZONE | TAX/ZONE MAP/ELEC DIST CENSUS TR |
| 1064-689 | 7 | M-1 | 30 121 6011 |
| WATER CODE | SEWER CODE | | |
| 009 | 210032 | | |

KCI TECHNOLOGIES, INC.

ENGINEERS - PLANNERS - SURVEYORS
1308 PATUXENT RANGE ROAD
JESSUP, MARYLAND 20794-8605
PHONE: (301) 953-1821 (WASH.)
(410) 792-8088 (BALT.)

PAPAVASILIS PROPERTY
SEDIMENT CONTROL DETAILS

04-00-92

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

DATE: 3/11/93

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS

DATE: 3/16/93

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS

DATE: 3/11/93

REVISION CHART

| DATE | REVISION | BY |
|---------|----------------|-----|
| 3/11/93 | Initial Design | SDH |
| 3/11/93 | Final Design | SEH |

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

DATE: 3/16/93

U.S. SOIL CONSERVATION SERVICE

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

DATE: 3/16/93

OWNER

NICHOLAOS A. PAPAVALIS
6636 PHEASANT DRIVE
ELKRIDGE, MARYLAND 21227
(410) 796-8643

ENGINEER'S CERTIFICATE

"I hereby certify that all development and construction will be done in accordance with this plan, and that any responsible personnel involved in the construction project will have a certificate of apprenticeship at a department of the environment approved training program for the control of sediment and erosion before beginning the project. I also authorize periodic on-site inspection by the HOWARD SOIL CONSERVATION DISTRICT."

Signature: Nicholas H. Papavasilis
Name: NICHOLAOS A. PAPAVALIS
Title: ENGINEER
Complete Address: 6490 WASHINGTON DRIVE
ELKRIDGE, MD 21217

Date: 3/16/92

Signature: [Signature]
Name: [Name]
Title: [Title]
Complete Address: [Address]

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

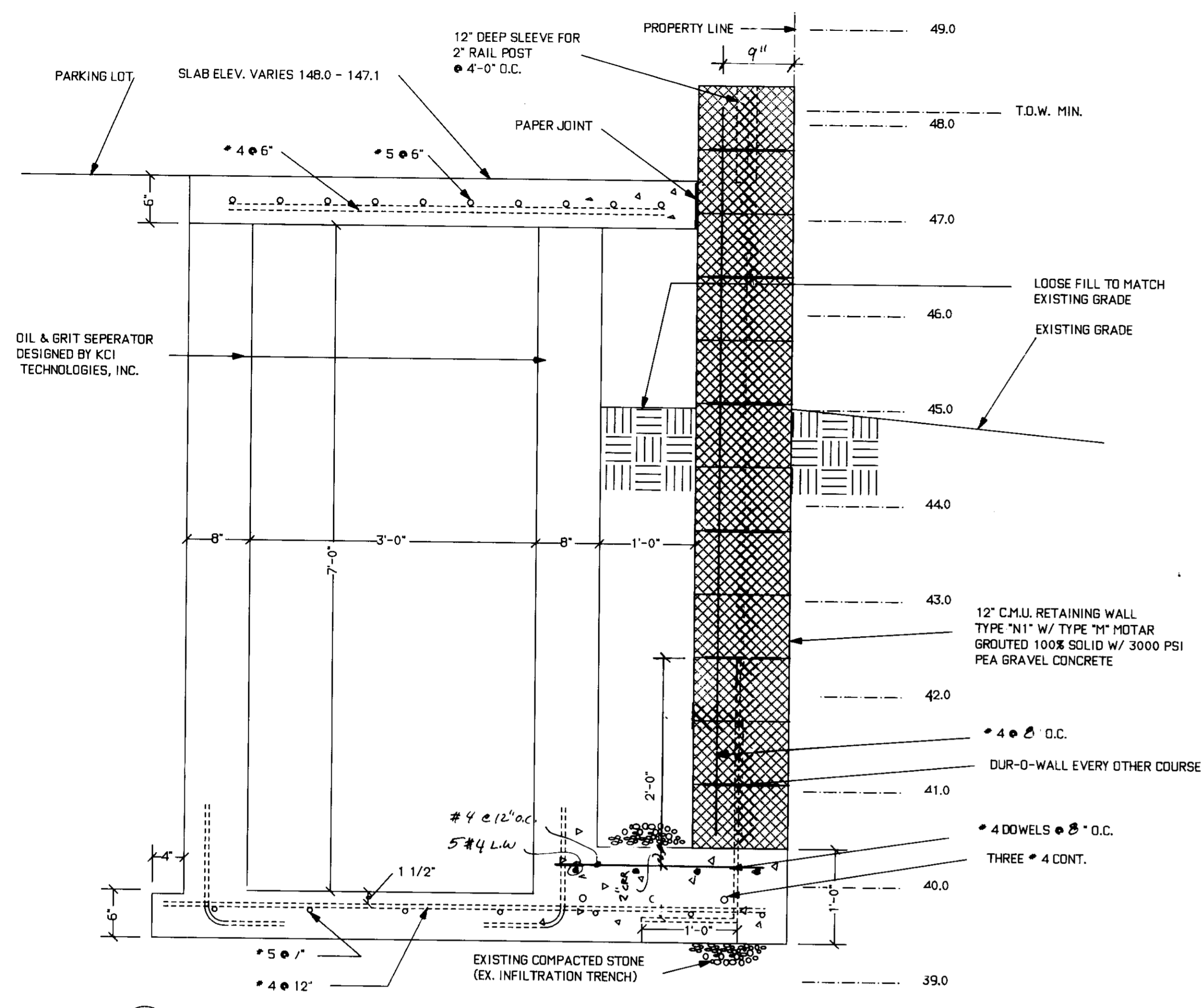
DATE: 3/11/93

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS

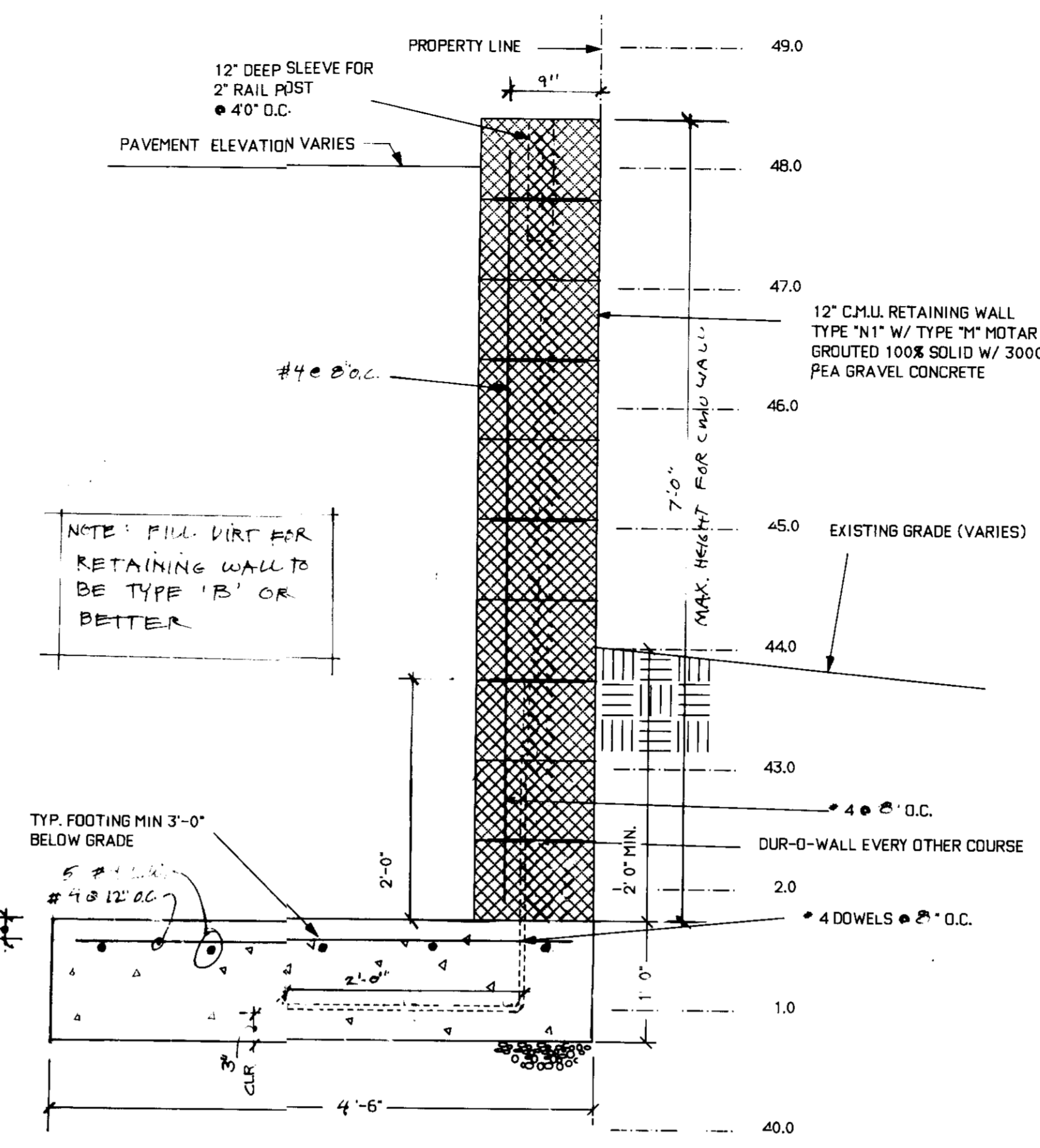
DATE: 3/16/93

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS

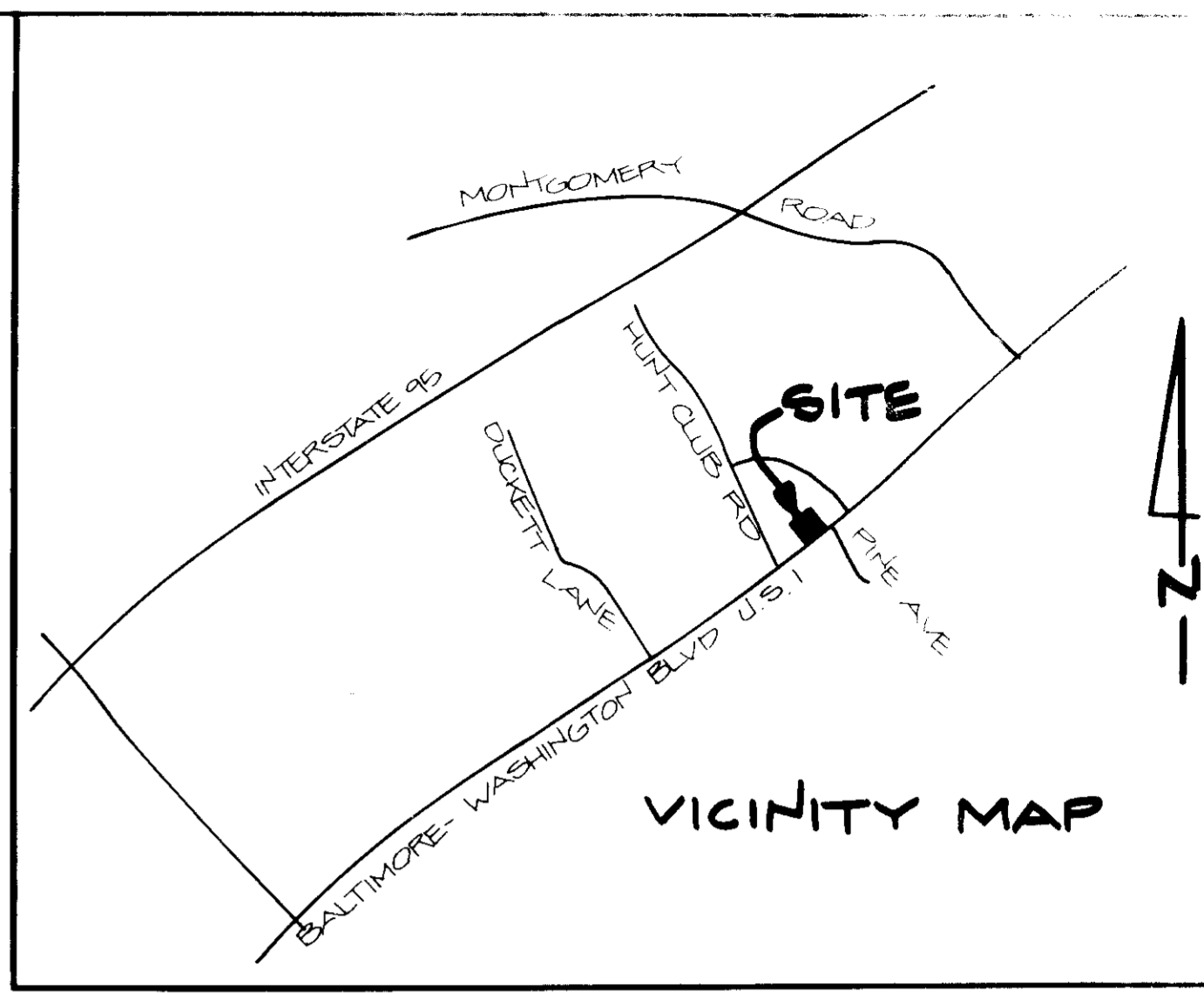
DATE: 3/11/93



1 RETAINING WALL AT OIL AND GRIT SEPARATOR
1" = 1'-0"



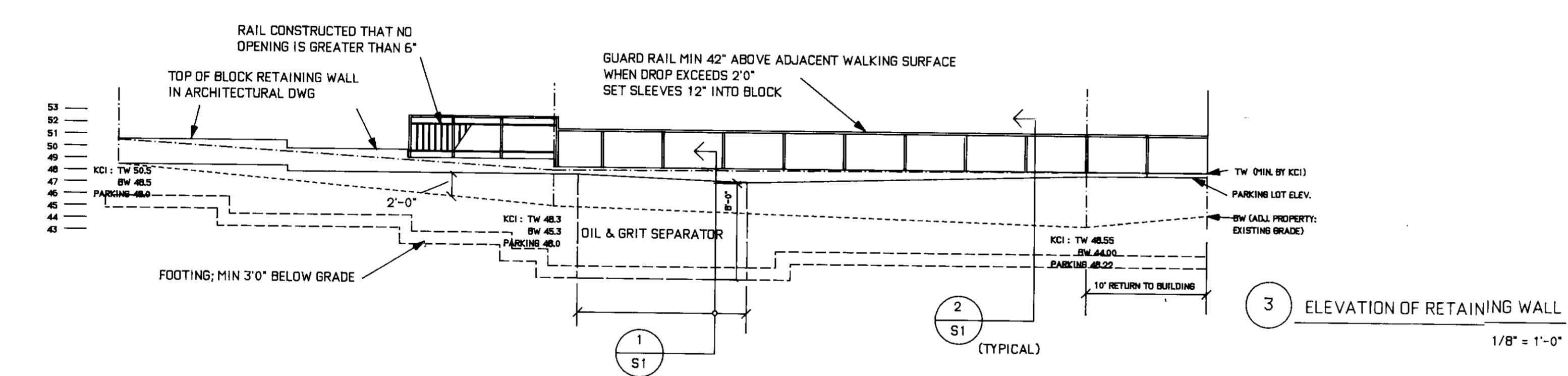
2 RETAINING WALL : TYPICAL SECTION
1" = 1'-0"



NOTE:
RETAINING WALL AT NORTH SIDE OF LOT IS OVER EXISTING INFILTRATION TRENCH WHICH HAS BEEN PREVIOUSLY EXCAVATED TO 9 FEET IN DEPTH AT THE PROPERTY LINE. THE EARTH WAS SUFFICIENTLY FIRM SUCH THAT THE WALLS OF THE TRENCH HAD NOT DETERIORATED FOR A PERIOD OF TIME. THE FOOTING FOR THE RETAINING WALL RESTS 3 TO 4 FEET BELOW GRADE TYPICALLY, EXCEPT AT THE OIL AND GRIT SEPARATOR WHERE IT DROPS TO APPROXIMATELY 5'8" AND ALSO WHERE TEMPORARY SHEETING OR SHORING MAY BE REQUIRED. IT SHOULD BE POSSIBLE TO CONSTRUCT THE RETAINING WALL WITHOUT AN EASEMENT INTO THE ADJACENT PROPERTY, IF THEY ARE BUILT SHORTLY AFTER EXCAVATION.
SIMILARLY, THE RETAINING /FOUNDATION WALL FOR THE BUILDING AT THE EAST SIDE OF THE LOT RESTS ON FOOTINGS ONLY 3 FEET BELOW GRADE. THIS WALL IS 6' FROM THE PROPERTY LINE AND COULD BE BUILT ENTIRELY FROM THE OWNER'S SIDE OF THE PROPERTY.

OWNER : NICHOLAOS A. PAPAVALIS
6636 PHEASANT DRIVE
ELK RIDGE, MD 21227
410 796-8643
ARCHITECT : ISAO OISHI 750-5565 & 823-4931
1405 WILTWYCK ROAD, BALTIMORE, MD 21209
ENGINEER : JYOTIN CHOKSEY P.E.

NOTE: THIS ENGINEER'S SEAL FOR THIS RETAINING WALL ONLY.



3 ELEVATION OF RETAINING WALL
1/8" = 1'-0"

| ADDRESS CHAR | |
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| BLDG. | ADDRESS |
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| OWNER'S NAME (OWNER'S NAME) | NICHOLAOS A. PAPAVALIS | PLANNING NO. | 1064-669 | REVISION | 7 | DATE | 1-1-93 | SCALE | 1" = 60' |
| PROJECT NO. | 7 | DATE | 1-1-93 | SCALE | 1" = 60' | | | | |
| WATER CODE | DO9 | | | | | | | | |

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| DATE | 3/11/93 |
| DATE | 3/11/93 |
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| DATE | 3/10/93 |
| DATE | 3-10-93 |
| DATE | 3/11/93 |

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| DATE | |
| DATE | |
| DATE | |

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

DEVELOPERS CERTIFICATE
WE CERTIFY THAT ALL DEVELOPMENT & CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, 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 THE PROJECT. I ALSO AUTHORIZE PERIODIC ON SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.

| DATE | REVISION | BY |
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PAPAVALIS PROPERTY
STRUCTURAL DETAILS
S1
DATE 12-7-92 SCALE AS SHOWN
Drwg No. 7 of 7