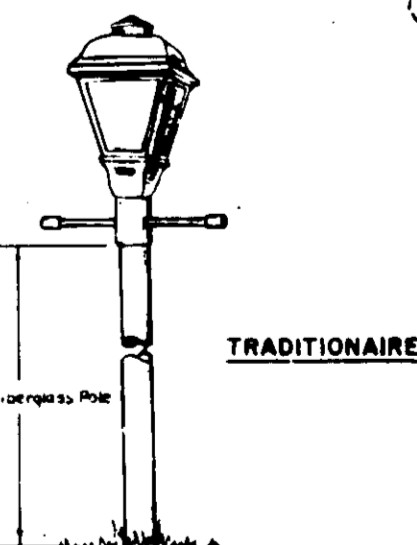
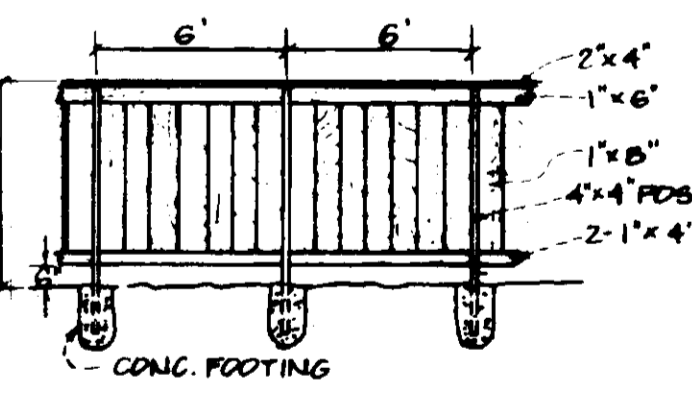
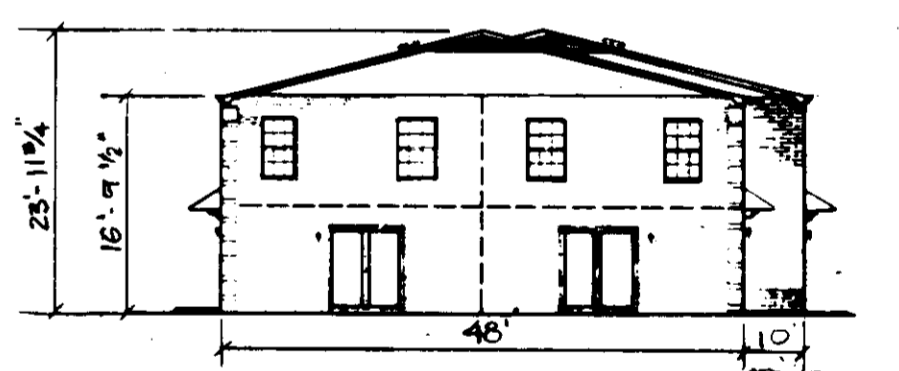
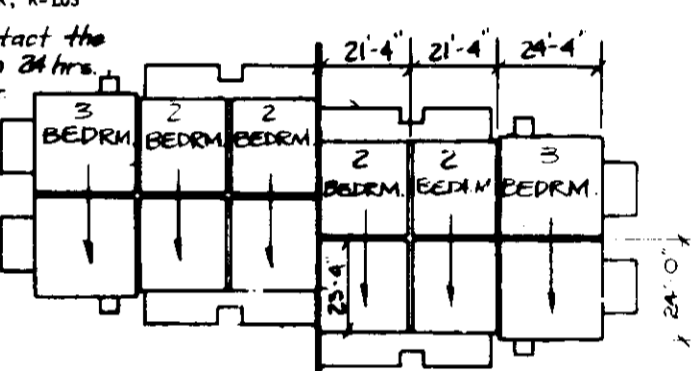


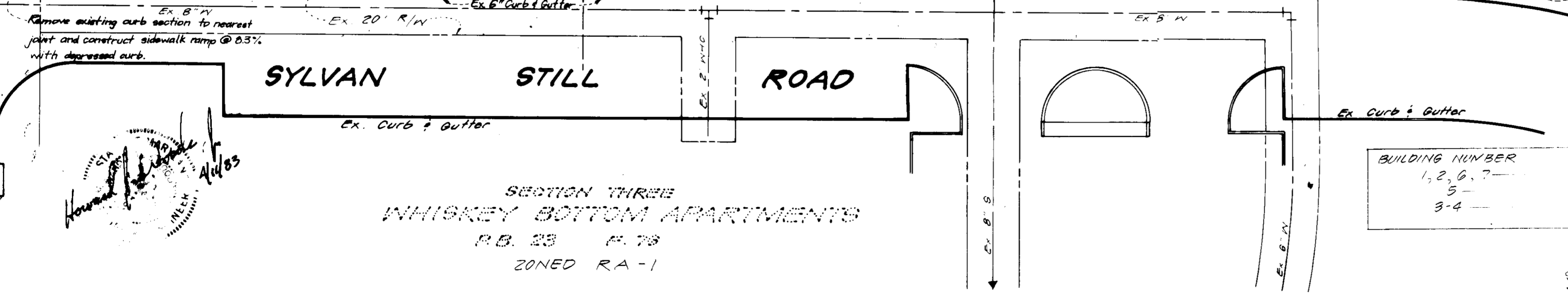
- GENERAL NOTES:
- SUBJECT PROPERTY ZONED PER 10/03/77 COMPREHENSIVE ZONING PLAN
 - PLAT SUBJECT TO VP 81-96 RECORD PLAT MAP NO. 5005
 - PROPERTY REZONED RA-1 PER ZB CASE NO. 763
 - TAX MAP AND ZONING MAP NO. 47
 - PARCEL AREA: 6,000 ACRES
 - NUMBER OF D.U.'S ALLOWED: 15 D.U.'S/AC x 6 AC = 90 D.U.'S
 - NUMBER OF D.U.'S SHOWN: 90 D.U.'S
 - TWO BEDROOM UNITS - 62 1400.0 SQ. FT./UNIT
THREE BEDROOM UNITS - 28 1551.8 SQ. FT./UNIT
 - PARKING: REQUIRED: 149 PROVIDED: 149
 - STRUCTURAL COVERAGE 18%
 - OPEN SPACE 5% EXCLUDING BUILDING AND PARKING

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 9-11-81
J. W. W.

- THE FOLLOWING ARE IN ACCORDANCE WITH THE HOWARD COUNTY STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION AND WILL BE USED IN THIS DEVELOPMENT:
- CONCRETE SIDEWALK R-3.05 (UNLESS OTHERWISE SHOWN)
 - SIDEWALK RAMP (Modified Type D @ 0.3% depressed curb)
 - STANDARD 7" GRANULAR CURB AND GUTTER R-3.04
 - PAVING SECTION P-2 GRANULAR BASE ALTERNATE
 - NORTH LAUREL ROAD APARTMENT ENTRANCE-CONCRETE APPROX. 4'-6" W
 - ROAD SECTION: NORTH LAUREL RD. - MINOR COLLECTOR, P-103
 - The contractor or developer shall contact the construction inspection/survey division 24 hrs. in advance of work at 992-2417 or 992-2418.

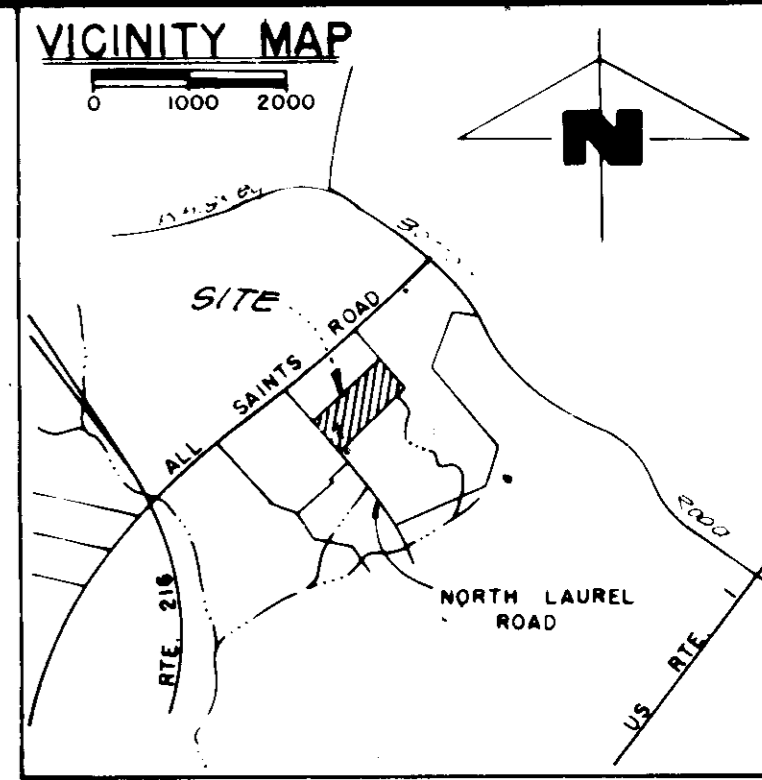


TYPICAL EXTERIOR LIGHTING (NO SCALE)
MCGRAW-EDISON COMPANY - 175 WATT MERCURY VAPOR LAMP
(Shown Thus On Plan)

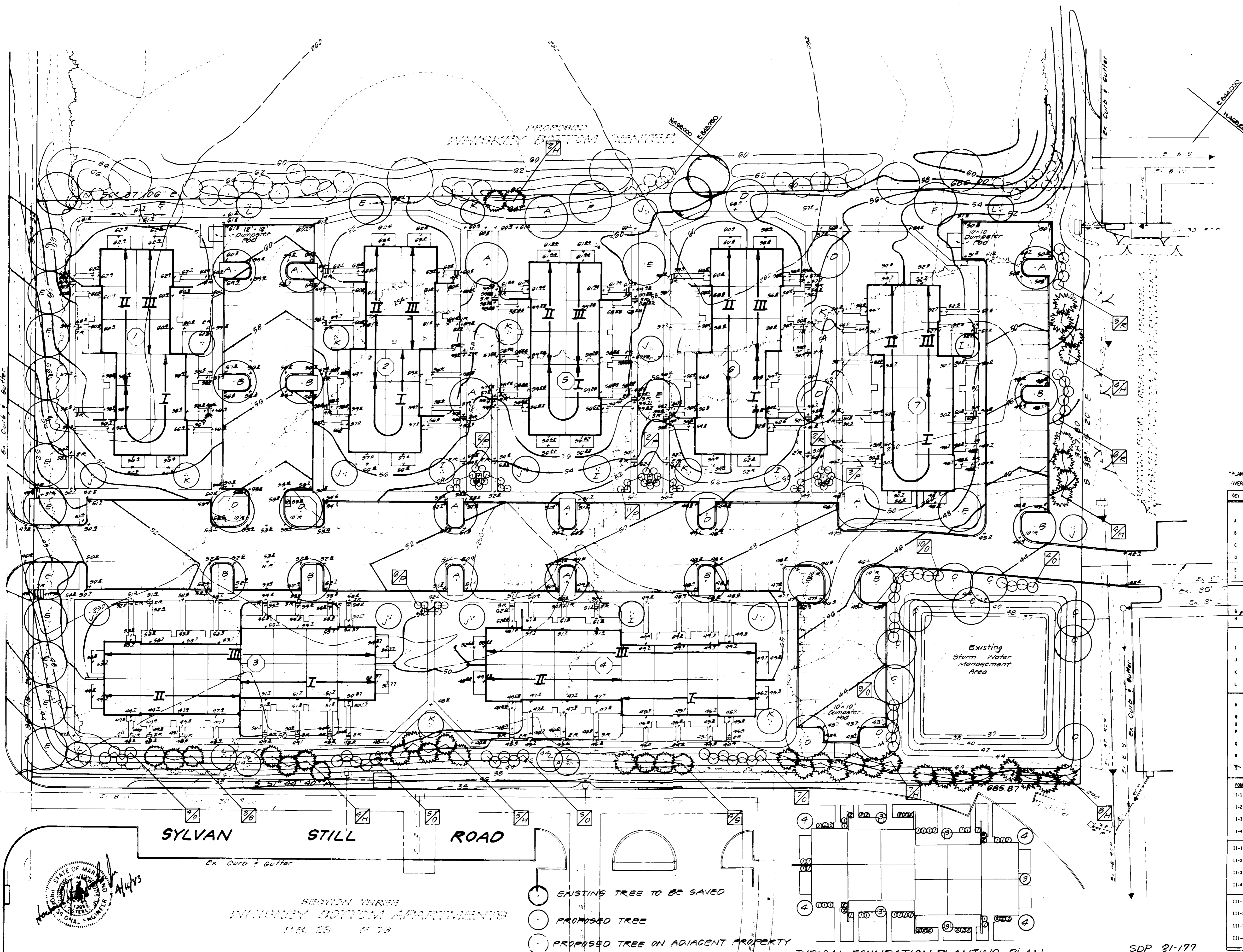


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|----------------------------------------------------------------------------------|----|---------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| APPROVED FOR PUBLIC WATER & SEWERAGE SYSTEMS, HOWARD CO. HEALTH DEPT. | | APPROVED HOWARD CO. OFFICE OF PLANNING AND ZONING. | | APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE AND ROADS HOWARD CO. DEPT. OF PUBLIC WORKS. | | Johnson, Mirmiran & Thompson, P. A. ENGINEERS - PLANNERS - SURVEYORS - LANDSCAPE ARCHITECTS 1781 ELTON ROAD - SILVER SPRING, MARYLAND 20903-1134/1034 7030 VIENNA, VA • BALTIMORE, MD | | SITE DEVELOPMENT PLAN PARCEL A P-81/135 RECORD PLAT MAP NO. 5005 WHISKEY BOTTOM SQUARE APARTMENTS GUILFORD (6TH) ELECTION DISTRICT HOWARD COUNTY, MARYLAND | | OWNER: "I-95 Enterprises A Limited Partnership c/o Holiday Corporation 1720 Wisconsin Avenue Washington, D. C. 20007" DESIGN: RJA/ADC SHEET 1 OF 8 DRAFT: Larry DATE: 9/21/81 JOB NO.: 10-249-21.1 APPROVED: RJA SCALE: 1" = 20' FILE NO.: 10-249-22 B | |
| NO | BY | DATE | REVISIONS | NO | BY | DATE | REVISIONS | NO | BY | DATE | REVISIONS |

SDP-81-177



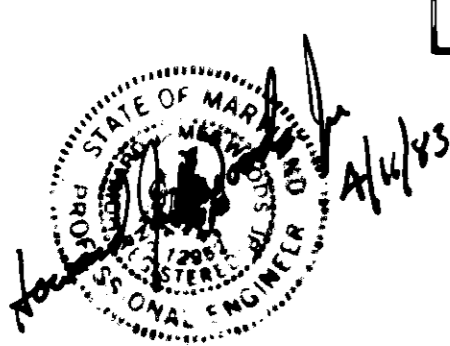
APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 9-11-91



*PLANT SCHEDULE
OVERALL PLAN

| KEY | BOTANICAL NAME | COMMON NAME | SIZE | METHOD | SPACING | QUANTITY |
|--------------------------------|------------------------------------|-------------------------|------------------|--------|---------|----------|
| MAJOR TREES: DECIDUOUS | | | | | | |
| A | Liquidambar styraciflua | Sweet Gum | 2 1/2' cal. | B x B | | 12 |
| B | Acer glabrum | Summerside Norway Maple | 2 1/2' cal. | B x B | | 15 |
| C | Salix babylonica | Babylon Weeping Willow | 10'-12' | B x B | | 10 |
| D | Tilia cordata | Greenspire Linden | 2 1/2' cal. | B x B | | 9 |
| E | Acer saccharum | Sugar Maple | 2 1/2' cal. | B x B | | 43 |
| F | Quercus pelustris | Pin Oak | 2 1/2' cal. | B x B | | 8 |
| MAJOR TREES: CONIFEROUS | | | | | | |
| G | Pinus nigra | Austrian Pine | 5'-6' | B x B | 12 O.C. | 7 |
| H | Pinus strobus | White Pine | 6'-8' | B x B | 12 O.C. | 70 |
| MIDR TREES: DECIDUOUS | | | | | | |
| I | Acer palmatum atropurpureum | Stonleaf Japanese Maple | 5'-6' | B x B | | 7 |
| J | Cornus florida | White Flowering Dogwood | 7'-8' | B x B | | 10 |
| K | Cornus florida rubra | Pink Flowering Dogwood | 7'-8' | B x B | | 6 |
| L | Prunus serrulata | Hanford Japanese Cherry | 7'-8' | B x B | | 11 |
| SHRUBS: | | | | | | |
| M | Berberis julianae | Wintergreen Barberry | 24"-30" | B x B | 4' O.C. | 8 |
| N | Eunymus alatus | Winged Euonymus | 24"-30" | B x B | 6' O.C. | 6 |
| O | Forsythia suspensa | Weeping Forsythia | 3'-4' | B x B | 7' O.C. | 62 |
| P | Ilex cornuta compacta | Compact Japanese Holly | 18"-24" | B x B | 4' O.C. | 99 |
| Q | Juniperus chinensis glauca | Metz Juniper | 30"-36" | B x B | 7' O.C. | 9 |
| R | Prostrata coccinea | Land Scarlet Firethorn | 2'-3' | B x B | 6' O.C. | 19 |
| S | Juniperus pfitzeriana compacta | Compact Pfitzer Juniper | 18"-24" | B x B | 4' O.C. | 54 |
| FOUNDATION PLANTING: | | | | | | |
| I-1 | Azalea glaucifolia | Glacier Hyb. Azalea | 15"-18" or cont. | B x B | 3' O.C. | 48 |
| I-2 | Ilex cornuta halleri | Dwarf Japanese Holly | 15"-18" or cont. | B x B | 3' O.C. | 57 |
| I-3 | Gonolobus gulfifolia | Gulfcoast Dogwood | 24"-30" or cont. | B x B | | 14 |
| I-4 | Ilex cornuta burfordii | Burford Holly | 24"-30" or cont. | B x B | | 12 |
| II-1 | Azalea hindoojiri | Hindoojiri Hyb. Azalea | 15"-18" or cont. | B x B | 3' O.C. | 70 |
| II-2 | Ilex cornuta rotunda | Dwarf Chinese Holly | 15"-18" or cont. | B x B | 3' O.C. | 39 |
| II-3 | Ilex cornuta burfordii | Dwarf Burford Holly | 18"-24" or cont. | B x B | | 13 |
| II-4 | Prunus laurocerasus 'Schikanensis' | Schika Cherry (Laurel) | 24"-30" or cont. | B x B | | 7 |
| III-1 | Azalea 'Pink Pearl' | Pink Pearl Hyb. Azalea | 15"-18" or cont. | B x B | 3' O.C. | 58 |
| III-2 | Leucothoe fontanestiae (Catesbaei) | Drooping Leucothoe | 15"-18" or cont. | B x B | 3' O.C. | 45 |
| III-3 | Taxus media hastifolia | Hastifolia Upright Yew | 18"-24" or cont. | B x B | | 17 |
| III-4 | Rhododendron 'Sappho' | Sappho White Rhodo | 18"-24" or cont. | B x B | | 9 |

- EXISTING TREE TO BE SAVED
- PROPOSED TREE
- PROPOSED TREE ON ADJACENT PROPERTY

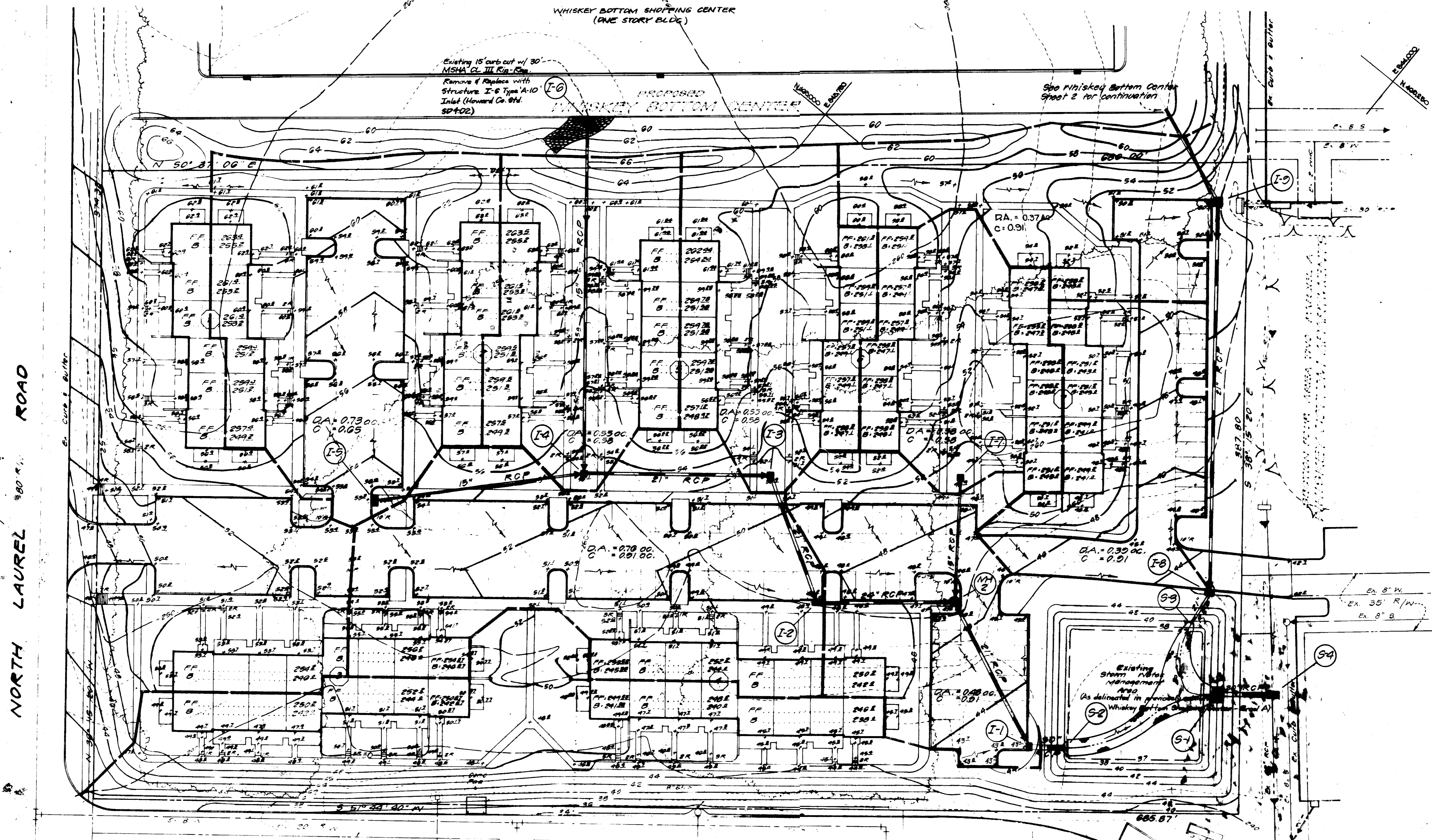
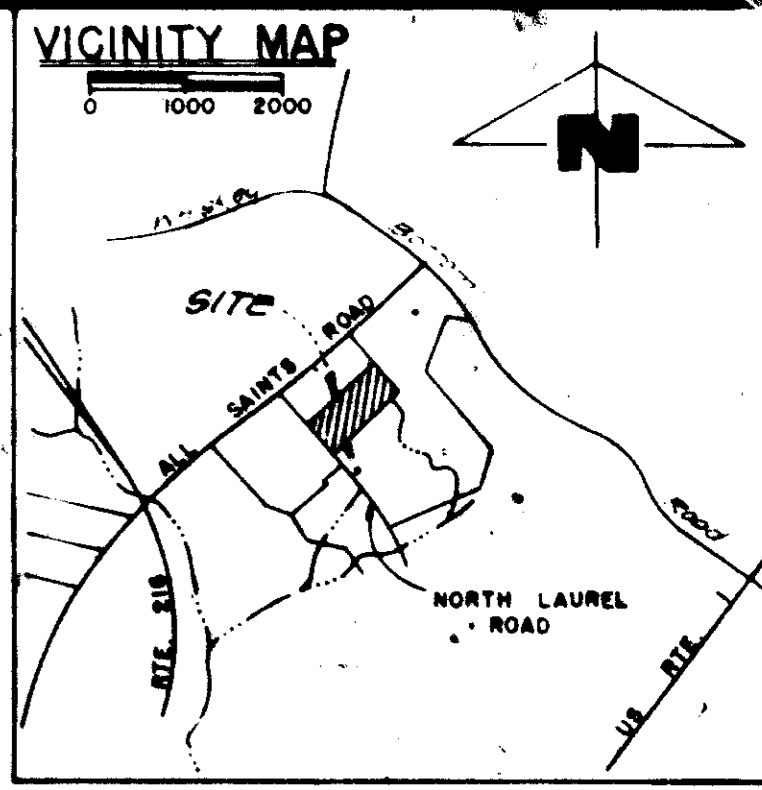


SECTION THREE
WHISKEY BOTTOM APARTMENTS
P.L. 88 11 78

TYPICAL FOUNDATION PLANTING PLAN

SDP 81-177
VP 83-19

| | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| APPROVED FOR PUBLIC WATER & SEWERAGE SYSTEMS, HOWARD CO. HEALTH DEPT. APPROVED HOWARD CO. OFFICE OF PLANNING AND ZONING APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE AND ROADS, HOWARD CO. DEPT. OF PUBLIC WORKS | 4-26-83 PLANNING DIRECTOR 4-26-83 CHIEF, DIV. OF LAND DEV. & ZONING ADMIN. | 4-25-83 DIRECTOR 4-22-83 CHIEF, BUREAU OF ENGINEERING | Johnson, Mirmiran & Thompson, P. A. LANDSCAPE ARCHITECTS 2701 E. TIM HEDDING ST. VUE H. SPINNEY, MARYLAND, 20688-4114 (USA) VIENNA, VA. BALTIMORE, MD. | LANDSCAPE PLAN (Scale: 1" = 10' (See Notes, Part 1, 2005)) WHISKEY BOTTOM SQUARE APARTMENTS GUILFORD (6TH) ELECTION DISTRICT HOWARD COUNTY, MARYLAND | OWNER: "I-95 Enterprises A Limited Partnership c/o Holiday Corporation 1720 Wisconsin Avenue Washington, D. C. 20007" DESIGN: RJA/ADD SHEET 2 OF 6 DRAWN: L.A. DATE: 8/27/88 JOB NO: 10-096-53 APPROVED: RJA DATE: 11-30-88 FILE NO: 10-096-238 |
| | 4-26-83 COUNTY HEALTH OFFICER, P.L.S. | 4-22-83 DATE | | | |

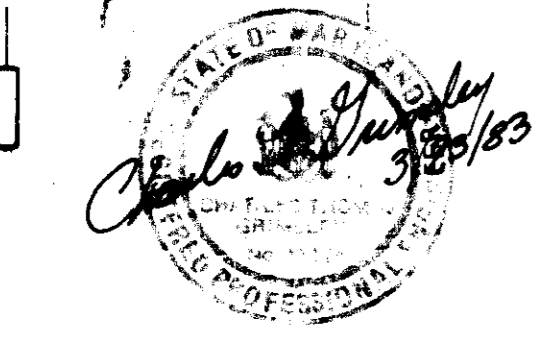



SYLVAN STILL ROAD

SECTION THREE
WHISKEY BOTTOM APARTMENTS
11/1/83

SDP 81-177
VP 83-19

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE: 9-11-81
[Signature]

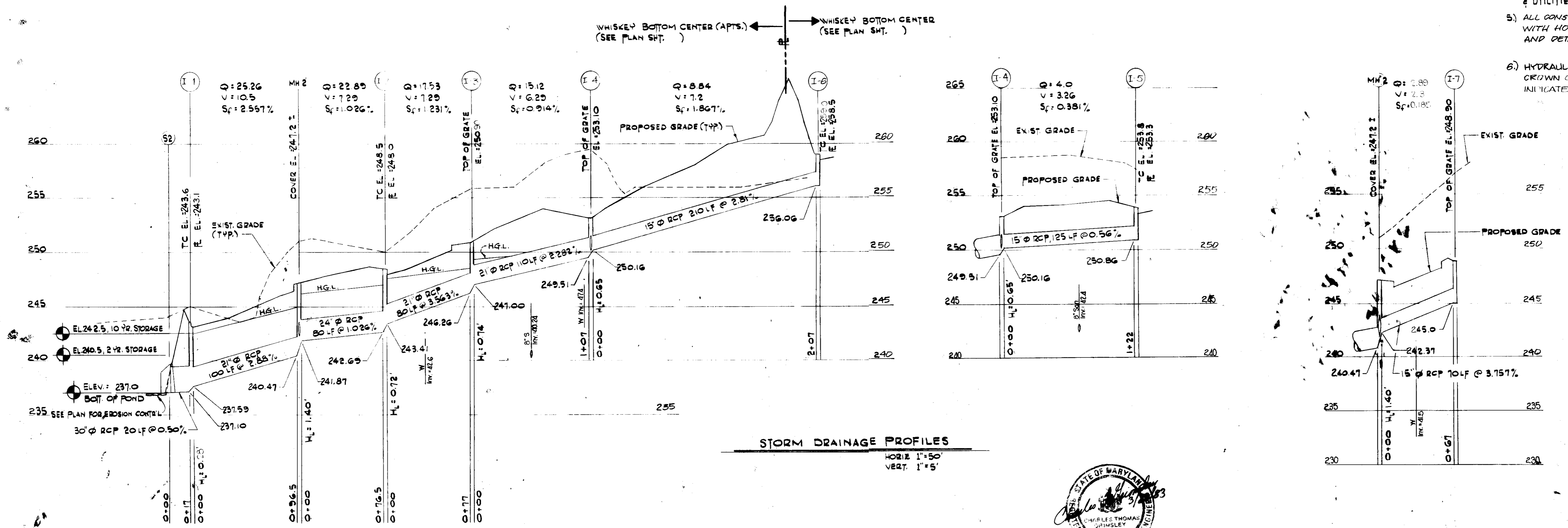


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|--|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | APPROVED FOR PUBLIC WATER & SEWERAGE SYSTEMS, HOWARD CO HEALTH DEPT. <i>[Signature]</i> 4-26-83 DATE | APPROVED HOWARD CO OFFICE OF PLANNING AND ZONING <i>[Signature]</i> 4-26-83 DATE | APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE AND ROADS HOWARD CO. DEPT. OF PUBLIC WORKS <i>[Signature]</i> 4-26-83 DATE |  Johnson, Mirmiran & Thompson, P. A. <small>ENGINEERS - PLANNERS - SURVEYORS - LANDSCAPE ARCHITECTS 1701 ELLTON ROAD - BELLEVUE SPRING, MARYLAND 20823 - (301) 434-7000 VIRGINIA VA - (801) 434-7000</small> | STORM DRAINAGE & DRAINAGE DIVIDES PARCEL A F-61-135 RECORD PLAT NR 5000- WHISKEY BOTTOM SQUARE APARTMENTS GUILFORD (6TH) ELECTION DISTRICT HOWARD COUNTY, MARYLAND | OWNER: I-95 Enterprises A Limited Partnership C/O Holiday Corporation 1720 Wisconsin Avenue Washington, D.C. 20007 DESIGN: RJA/ACC DRAWN: LK/RY APPROVED: RJA SHEET 3 OF 8 DATE: 8/20/81 SCALE: 1" = 30' FILE NO: 10-298-40 FILE NO: 10-298-223 |
|--|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

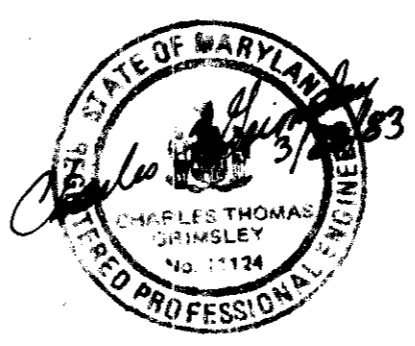
SDP-81-177

| STRUCTURE SCHEDULE | | | | |
|----------------------------------------------------|------|-----------|---------------------------------------------|-----------|
| NO. | TYPE | W | REMARKS | H.C. STD. |
| 13 | S | 2'-7 1/2" | HOWARD CO. STD. W/BIKE GRATE | 4.22 |
| 12 | S | 2'-7 1/2" | | 4.22 |
| 11 | S | 2'-0" | | 4.22 |
| 10 | S | 2'-0" | | 4.22 |
| 9 | A-5 | 2'-6" | HOWARD CO. STD. W/ LIGHT DUTY FRAME & COVER | 4.01 |
| 8 | A-5 | 2'-6" | SAME AS NO. 9 | 4.01 |
| 7 | S | 2'-7 1/2" | HOWARD CO. STD. W/BIKE GRATE | 4.22 |
| 6 | A-10 | 2'-6" | HOWARD CO. STD. W/ LIGHT DUTY FRAME & COVER | 4.02 |
| 5 | A-5 | 2'-6" | HOWARD CO. STD. W/ LIGHT DUTY FRAME & COVER | 4.01 |
| 4 | S | 2'-7 1/2" | SAME AS NO. 7 | 4.22 |
| 3 | S | 3'-0" | SAME AS NO. 7 | 4.22 |
| 2 | A-5 | 3'-0" | SAME AS NO. 5 | 4.01 |
| 1 | A-5 | 3'-6" | SAME AS NO. 5 | 4.01 |
| M#1 | A-3 | 4'-0" | PRECAST CONC. MANHOLE | 3.02 |
| M#2 | A-3 | 4'-0" | PRECAST CONC. MANHOLE | 3.02 |
| S-1 (SEE NOTE 5) | | | | |
| S-2 TYPE "A" HEADWALL | | | | |
| S-3 TYPE "A" HEADWALL | | | | |
| S-4 MODIFIED TO ACCOMMODATE DATE 4-2-83 20' R.O.P. | | | | |
| GRATE (SEE NOTE 5) | | | | |

- NOTES:
- 1) ALL CONC. PIPE SHALL BE CLASS III UNLESS OTHERWISE SPECIFIED.
 - 2) ALL CONC. STRUCTURES SHALL BE CLASS "A" CONC.
 - 3) FOR CLARITY THE PREFIX "2" HAS BEEN OMITTED FROM ELEVATIONS.
 - 4) MIN. 12" CLEARANCE BETWEEN STORM DRAINS & UTILITIES.
 - 5) ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH HOWARD COUNTY STANDARD SPECIFICATIONS AND DETAILS.
 - 6) HYDRAULIC GRADIENT (H.G.L.) IS AT THE CROWN OF THE PIPE, UNLESS OTHERWISE INDICATED.



STORM DRAINAGE PROFILES
 HORIZ. 1"=50'
 VERT. 1"=5'



STATE OF MARYLAND
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 9-11-81
 SDP 81-177
 VP 83-19

| | | | | | | | | | | | |
|-----------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| APPROVED FOR PUBLIC WATER & SEWERAGE SYSTEMS, HOWARD CO. HEALTH DEPT. [Signature] 4-26-83 COUNTY HEALTH OFFICER | | APPROVED HOWARD CO. OFFICE OF PLANNING AND ZONING. [Signature] 4-28-83 PLANNING MANAGER | | APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE AND ROADS HOWARD CO. DEPT. OF PUBLIC WORKS. [Signature] 4-25-83 DIRECTOR | | Johnson, Mirmiran & Thompson, P.A. ENGINEERS • PLANNERS • SURVEYORS • LANDSCAPE ARCHITECTS 3751 ELTON RD. • SILVER SPRING, MD 20903 • (301) 434-7000 | | STORM DRAINAGE PROFILES PARCEL A F-8-136 RECORD PLAT NO. 5008 WHISKEY BOTTOM SQUARE APARTMENTS GUILFORD (6TH) ELECTION DISTRICT HOWARD COUNTY, MARYLAND | | OWNER: T-95 Enterprises A Limited Partnership c/o Holiday Corporation 1720 Wisconsin Avenue Washington, D.C. 20007 DESIGN: BC SHEET 4 of 8 DRAFT: BC DATE: 10/11/80 JOB NO: 10-090-40 APPROVED: JK III SCALE: AS SHOWN FILE NO: 10-090-228 SDP-81-177 | |
|-----------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

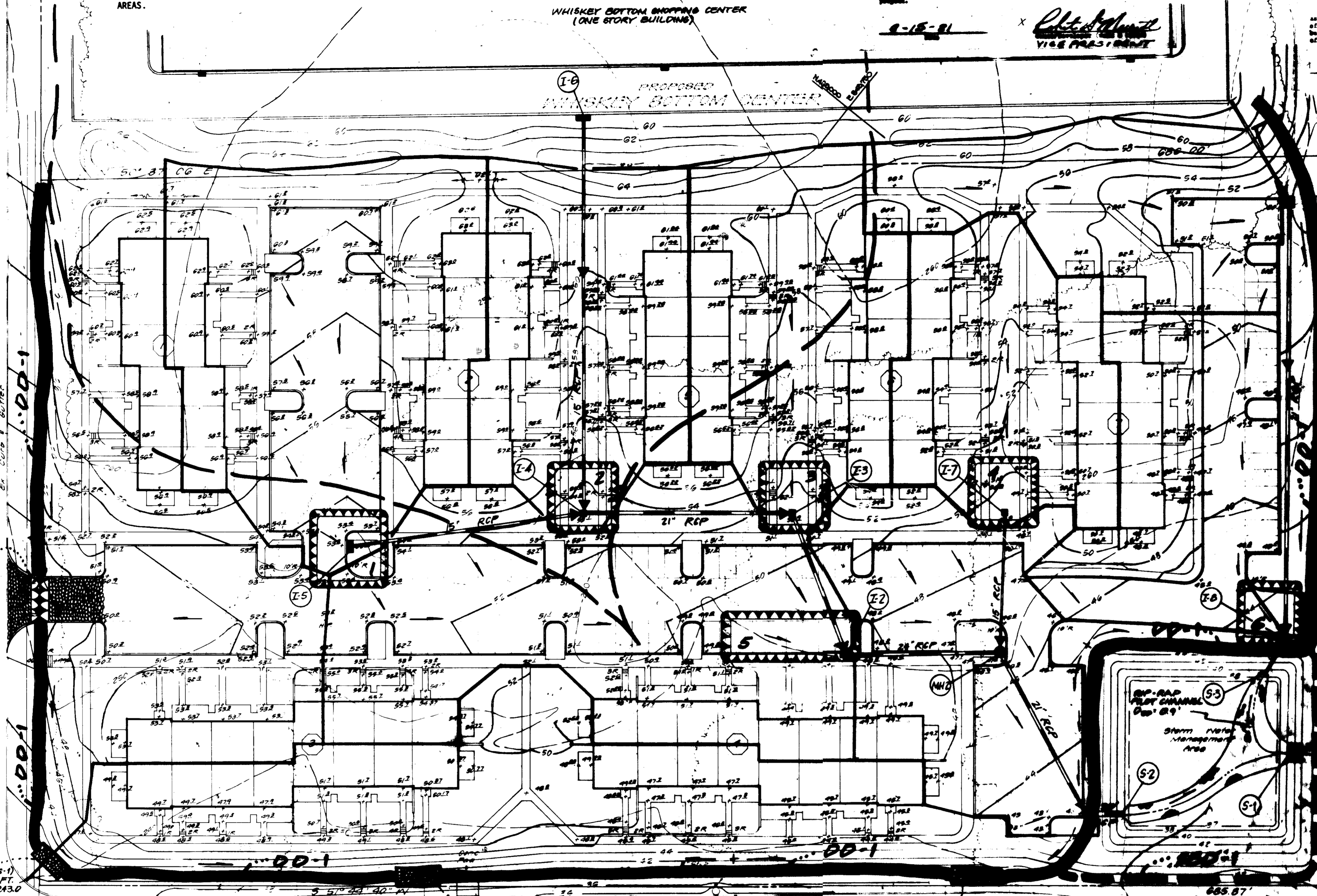
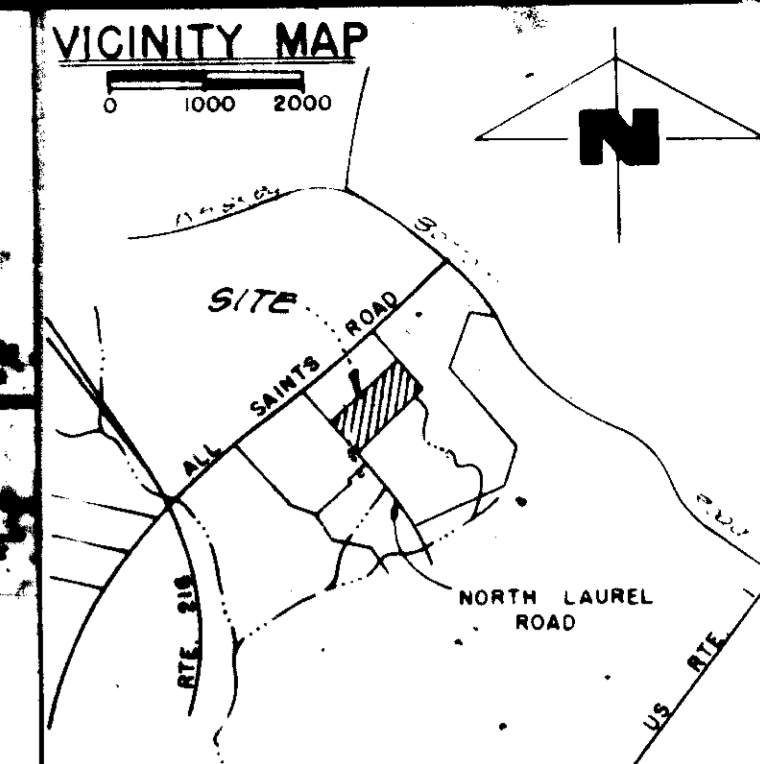
SEDIMENT CONTROL - INTENT & PURPOSE

IT IS THE INTENTION OF THIS PLAN THAT THE PERIMETER SEDIMENT CONTROL SYSTEMS BE INSTALLED AS A FIRST-LINE OF SEDIMENT CONTROLS DURING THE INITIAL PHASES OF SITE DEVELOPMENT. ONCE THAT PURPOSE IS SERVED AND THE INSPECTOR IS IN AGREEMENT, THESE PERIMETER CONTROLS MAY BE REMOVED AND THE AREAS STABILIZED AS PER SECTION 51 OF THE STANDARDS & SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS.

I hereby certify that all clearing, grading, construction and/or development will be done pursuant to this plan and that any responsible person involved in the construction project will have a certificate of compliance or a Department of Natural Resources approved grading plan for the extent of erosion and sediment control before beginning the project.

I hereby certify that this plan has been prepared in accordance with the Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas, and Howard Soil Conservation District regulations.

I further certify that the local nature of vegetation and soil as shown on this plan have been compared to the color photo, description and soil type of the site and that they can be disturbed as shown on this plan and have been determined to be a minimum of 20% of the site area.



APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 9-11-81

- LEGEND**
- STRAWBALE DIKE (SOS-1)
 - OVERBANK DIKE (OD-1)
 - STONE OUTLET STRUCTURE (SOS-1) w/ STRAWBALE CORES
 - SEDIMENT TRAP
 - EXISTING DRAINAGE DIVIDE
 - STABILIZED CONSTRUCTION ENTRANCE (SCE-1)
 - ULTIMATE DRAINAGE DIVIDE
 - EXISTING TREE TO BE SAVED (SEE LANDSCAPE PLAN FOR TYPE)

- CONSTRUCTION SEQUENCE**
1. CLEARING FOR SEDIMENT CONTROLS ONLY.
 2. INSTALLATION OF DIKES, FILTERS, CONSTRUCTION ENTRANCE & STRAWBALES.
 3. HOUSE GRADING.
 4. INSTALLATION OF STORM DRAINAGE.
 5. INSTALLATION OF INLET TRAPS.
 6. STABILIZE SITE.
 7. INSTALLATION OF UTILITIES.
 8. BUILDING & SITE CONSTRUCTION.
 9. REMOVAL OF INLET TRAPS.
 10. REMOVAL OF DIKES & FILTERS AFTER STABILIZATION. (WITH APPROVAL OF HOWARD CO. INSPECTOR)

* STORM WATER MANAGEMENT POND, STORM DRAINAGE SYSTEM (S-3, I-5 ARM#1) & OUTLET STRUCTURES S-1 & S-4 WILL BE IN PLACE & FUNCTIONING PRIOR TO SITE CONSTRUCTION.

SEDIMENT TRAP SCHEDULE

| TRAP NUMBER | 1 | 2 | 3 | 4 | 5 | 6 |
|-----------------|---------|---------|---------|---------|---------|---------|
| BOTTOM ELEV. | 523 | 521 | 497 | 472 | 470 | 463 |
| DRAINAGE AREA | 278A | 278A | 278A | 278A | 278A | 278A |
| STORAGE CAP. | 1000 GF | 1000 GF | 1000 GF | 1000 GF | 1000 GF | 1000 GF |
| STORAGE PROVID. | 1000 GF | 1000 GF | 1000 GF | 1000 GF | 1000 GF | 1000 GF |
| DATE | 4-26-83 | 4-26-83 | 4-26-83 | 4-26-83 | 4-26-83 | 4-26-83 |

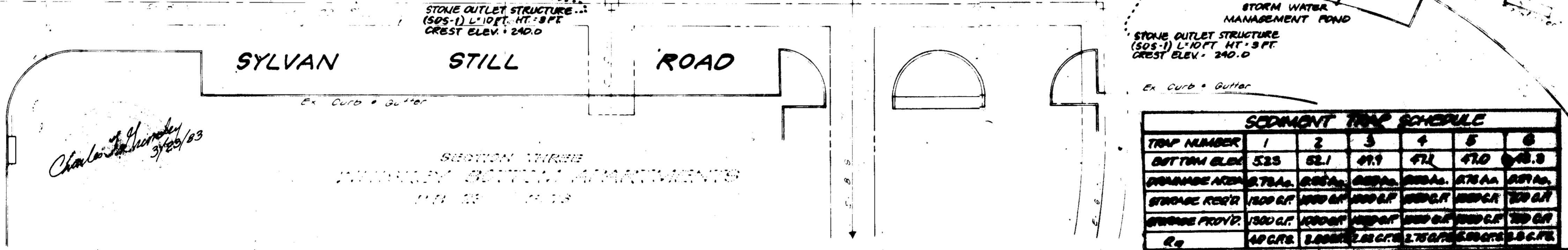
DESIGNED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

Joseph M. Johnson 4-15-83
DATE

V. & SOIL CONSERVATION SERVICE

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

APPROVED: *David S. ...* 4-15-83
DATE



APPROVED FOR PUBLIC WATER & SEWERAGE SYSTEMS, HOWARD CO. HEALTH DEPT.

APPROVED HOWARD CO. OFFICE OF PLANNING AND ZONING

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE AND ROADS HOWARD CO. DEPT. OF PUBLIC WORKS

James Brown 4-26-83
DATE

William M. Johnson 4-26-83
DATE

Joseph F. ... 4-25-82
DATE

David S. ... 4-23-83
DATE

Johnson, Mirmiran & Thompson, P. A.

ENGINEERS • PLANNERS • SURVEYORS • LANDSCAPE ARCHITECTS

SEDIMENT CONTROL PLAN

WHISKEY BOTTOM SQUARE APARTMENTS

GULFORD (8TH ELECTION DISTRICT)

HOWARD COUNTY, MARYLAND

OWNER: **W-95 Enterprises A Limited Partnership**
c/o Holladay Corporation
1720 Wisconsin Avenue
Washington, D. C. 20007

REVISIONS:

| | | | |
|-----|-----|------|-----------|
| NO. | BY | DATE | REVISIONS |
| 1 | ... | ... | ... |

SDP-81-177

SEDIMENT CONTROL NOTES

- 1. ALL SEDIMENT CONTROL MEASURES ARE TO BE ADJUSTED TO MEET FIELD CONDITIONS AT TIME OF CONSTRUCTION, UPON APPROVAL OF H.S.C.D.
2. ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE APPLICABLE PUBLISHED STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS.
3. ALL SEDIMENT AND EROSION CONTROL FACILITIES ARE TO BE CONSTRUCTED PRIOR TO GRADING AND THEY SHALL BE IN AN OPERATIONAL CONDITION BEFORE GRADING CONSTRUCTION BEGINS.
4. PERIODIC INSPECTION AND MAINTENANCE ARE TO BE PROVIDED TO INSURE EFFICIENCY OF ALL FACILITIES.
5. CONTRACTOR INSTALLING THE ABOVE SHALL OBTAIN AND FOLLOW THE STANDARD & SPECIFICATIONS FOR SOIL EROSION & SEDIMENT CONTROL AS DISTRIBUTED BY THE HOWARD SOIL CONSERVATION DISTRICT.
6. ALL STRUCTURES UTILIZING COMPACTED EARTH FILL ARE TO BE COMPOSED OF MATERIAL TAKEN FROM APPROVED BORROW AREAS AND SHALL BE FREE OF ROOTS, WOODY VEGETATION, ROCKS AND OTHER OBJECTIONABLE MATERIAL. A MINIMUM OF 10% SHALL BE ALLOWED FOR SETTLEMENT FILLS TO BE PLACED IN 6" LIFTS AND COMPACTED AS LAD.
7. ALL AREAS OF INGRESS-EGRESS ARE TO BE PROTECTED FROM TRACKING MUD ONTO PUBLIC RIGHTS OF WAY.
8. ALL SEDIMENT CONTROL STRUCTURES SHALL BE FUNCTIONAL AT THE END OF EACH DAY.
9. GRADING AND CONSTRUCTION MAY BEGIN UPON COMPLETION AND ACCEPTANCE OF ALL ITEMS SHOWN, REQUIRED OR SPECIFIED HEREON.
10. AREAS DISTURBED BY ONSITE GRADING THAT ARE NOT TO BE CONSTRUCTED ON WITHIN 30 DAYS ARE TO BE STABILIZED WITH A SEMI-PERMANENT TYPE SEEDING AND MULCHING. SEE PAGES 50.01 THRU 50.05 OF REFERENCED STDS. AND SPECS.
11. ALL SLOPES STEEPER THAN 3:1 SHALL BE STABILIZED IMMEDIATELY WITH SOD . SEE PAGES 54.01 THRU 54.03 OF REFERENCED STDS. AND SPECS.
12. ALL DISTURBED AREAS SHALL BE FINALLY STABILIZED WITH PERMANENT SEEDINGS UPON COMPLETION OF FINE GRADING. SEE PAGES 51.01 THRU 51.07 OF REFERENCED STDS. AND SPECS.
13. SEDIMENT TRAPS AND DIVERSION DIKES ARE TO RECEIVE TEMPORARY SEEDING IMMEDIATELY AFTER THEY ARE CONSTRUCTED. SEE PAGES 50.01 THRU 50.05 OF REFERENCED STDS. AND SPECS.
14. THE THROATS OF ALL STORM DRAINAGE INLETS SHALL BE PROTECTED AND KEPT FREE OF ANY DEPOSITS OF SEDIMENT, I.E. THROUGH USE OF SANDBAGS, GRAVEL OR OTHER APPLICABLE METHOD UNTIL THE UPHILL AREAS HAVE BEEN STABILIZED AND THE STREETS HAVE BEEN PAVED.
15. SILT TRAPS AND OTHER ITEMS MUST BE MAINTAINED FOR PERIODIC CLEANOUT ABOVE THE DESIGN CLEANOUT LEVELS SHALL BE PERFORMED BY THE DEVELOPER.
16. THE CONTRACTOR SHALL NOT INSTALL COMPLETE CURB AND GUTTER OR SIDEWALK IN THE AREAS INDICATED UNTIL THE UPHILL AREAS HAVE BEEN STABILIZED.

SODDING AND SEEDING NOTES

- 1. SEDIMENT TRAPS, DIVERSION DIKES AND INTERCEPTOR DIKES ARE TO BE TEMPORARY SEEDED WITH KENTUCKY 31 FESCUE 5-7 LBS. PER 1,000 SQ. FT. IMMEDIATELY AFTER THEY ARE CONSTRUCTED. THE EMERGENCY SILLWAY SHALL BE SODDED.
A. ALL TEMPORARY SEEDING AREAS SHALL BE MULCHED IMMEDIATELY AFTER SEEDING. MULCH MATERIALS SHOULD BE UNWEATHERED, UNCHOPPED, SMALL GRAIN STRAW SPREAD AT A RATE OF 1-1/2 TO 2 TONS PER ACRE. THE MULCH SHALL BE ANCHORED IMMEDIATELY AFTER PLACEMENT WITH ASPHALT, PEG AND TWINE, PLASTIC NETTINGS OR BY A MULCH ANCHORING TOOL.
B. LIME AND FERTILIZER SHALL BE REQUIRED FOR TEMPORARY SEEDINGS IN ACCORDANCE WITH THE FOLLOWING PROCEDURE:
(1) PULVERIZED DOLOMITIC LIMESTONE IS TO BE APPLIED AT THE RATE OF 46 LBS PER 1000 SQ.FT.
(2) FERTILIZER SHALL BE 10-10-10 OR EQUIVALENT AND APPLIED AT THE RATE OF 12 TO 18 LBS PER 1000 SQ. FT.
2. ALL DISTURBED AREAS SHALL BE FINALLY STABILIZED WITH SEED OR SOD IMMEDIATELY UPON COMPLETION OF FINE GRADING IN ACCORDANCE WITH THE FOLLOWING PROCEDURE.
A. TOPSOIL SHALL BE UNIFORMLY DISTRIBUTED ON THE DESIGNED AREAS AND SHALL BE A MINIMUM DEPTH OF 3-INCHES AFTER FIRING.
B. DOLOMITIC LIMESTONE IS TO BE APPLIED AT THE RATE OF 75 LBS PER 1,000 SQ. FT.
C. FERTILIZER SHALL BE 10-10-10 AND APPLIED AT THE RATE OF 23 LBS. PER 1,000 SQ. FT.
D. SOD IS TO BE APPROVED OR BETTER KENTUCKY 31 FESCUE.
E. LIME AND FERTILIZER SHALL BE UNIFORMLY MIXED INTO THE TOP 4-INCHES OF SOIL BY DISCING, HARROWING OR OTHER APPROVED METHODS.
F. SEED SHALL BE 0-20% KENTUCKY BLUEGRASS, 80-100% KENTUCKY 31 TALL FESCUE AT THE RATE OF 6 TO 8 LBS. PER 1,000 SQ. FT.
G. ALL DISTURBED AREAS NOT SODDED SHALL BE SEEDDED.
H. SOD SHALL BE PLACED ON ALL ONSITE WELL DEFINED SWALES.

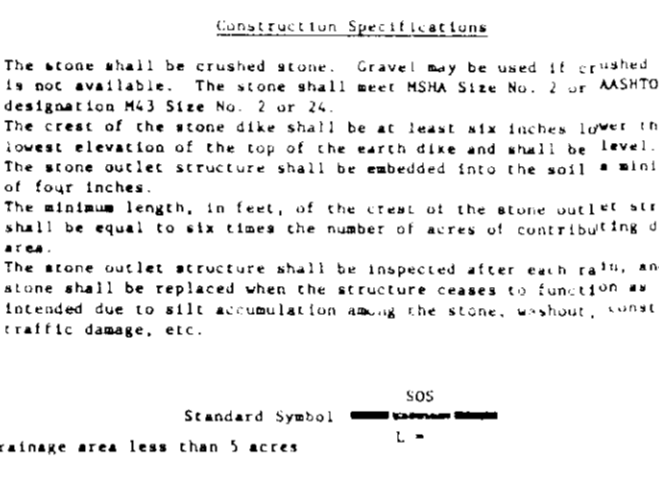
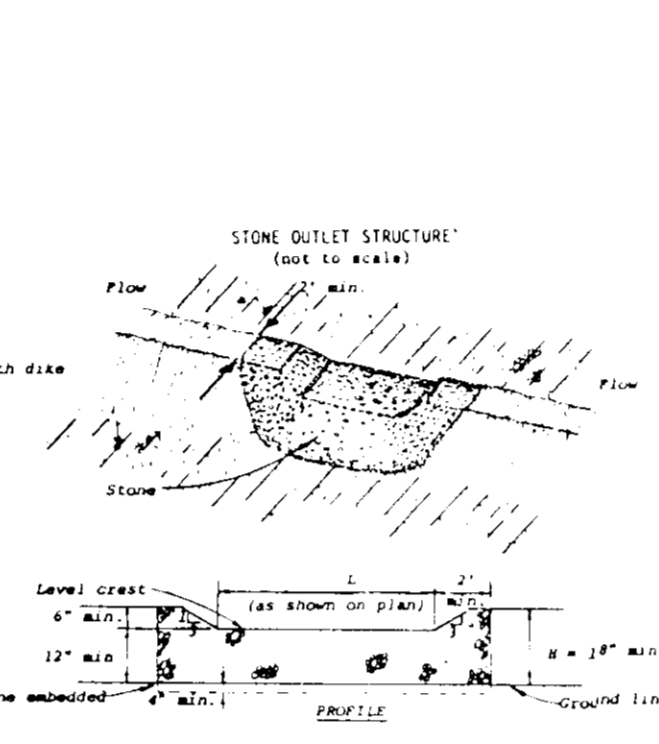
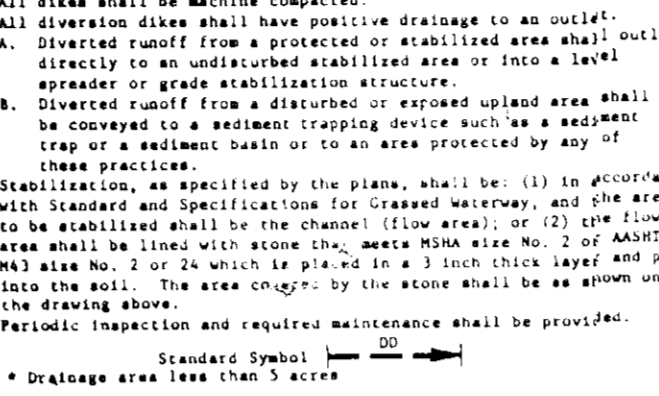
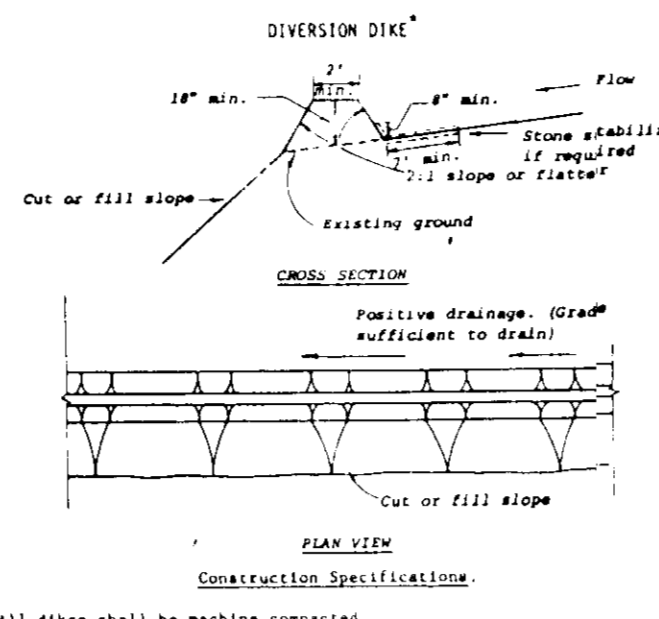
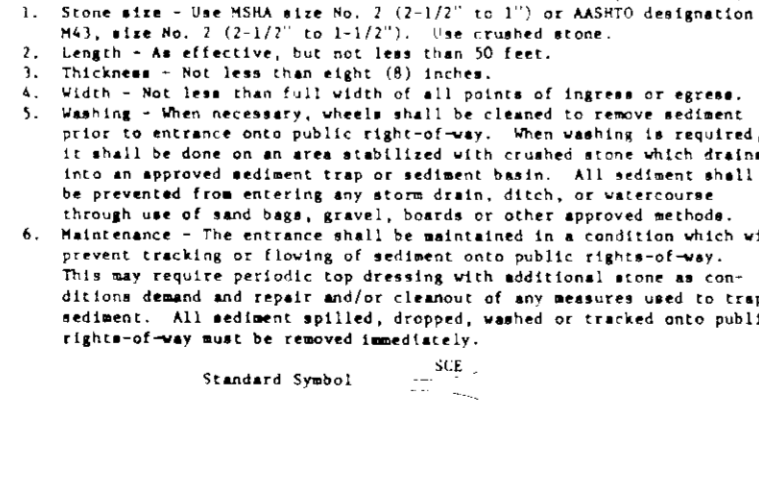
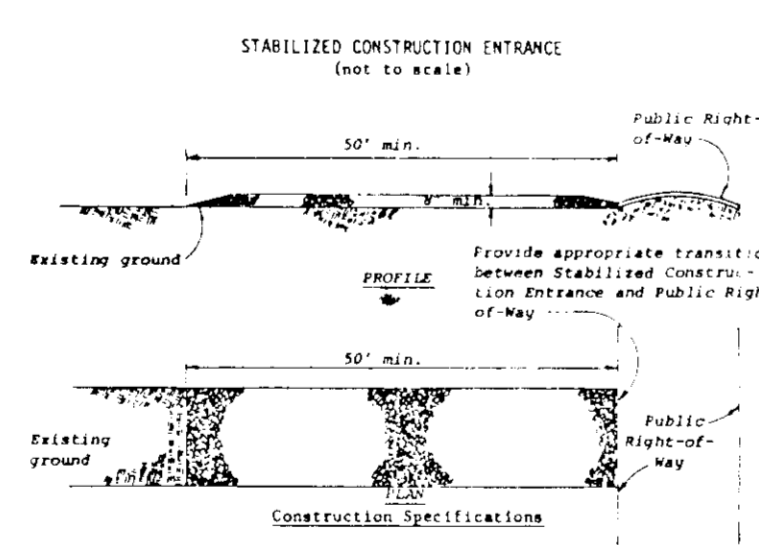
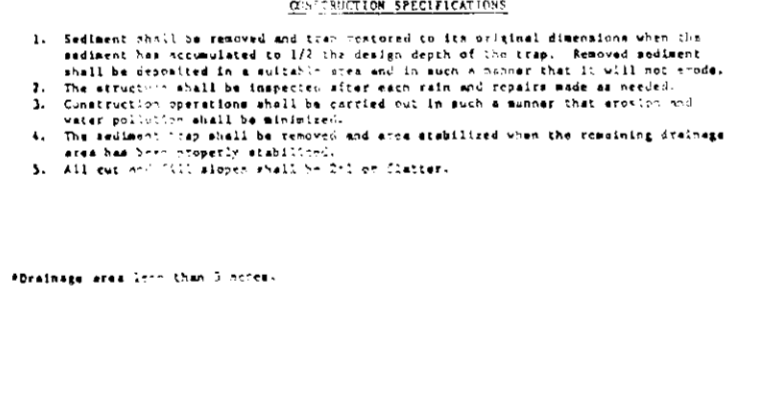
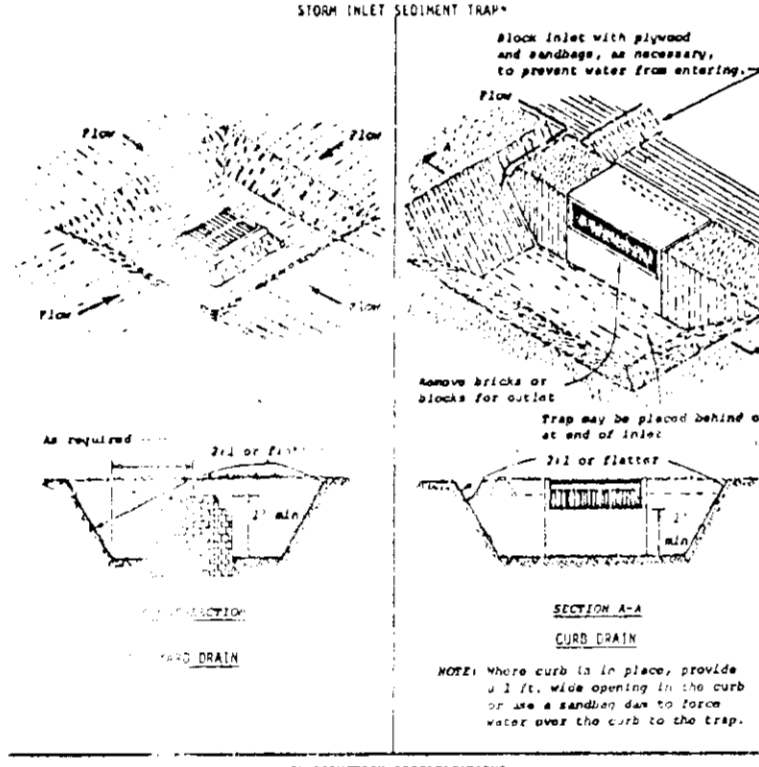
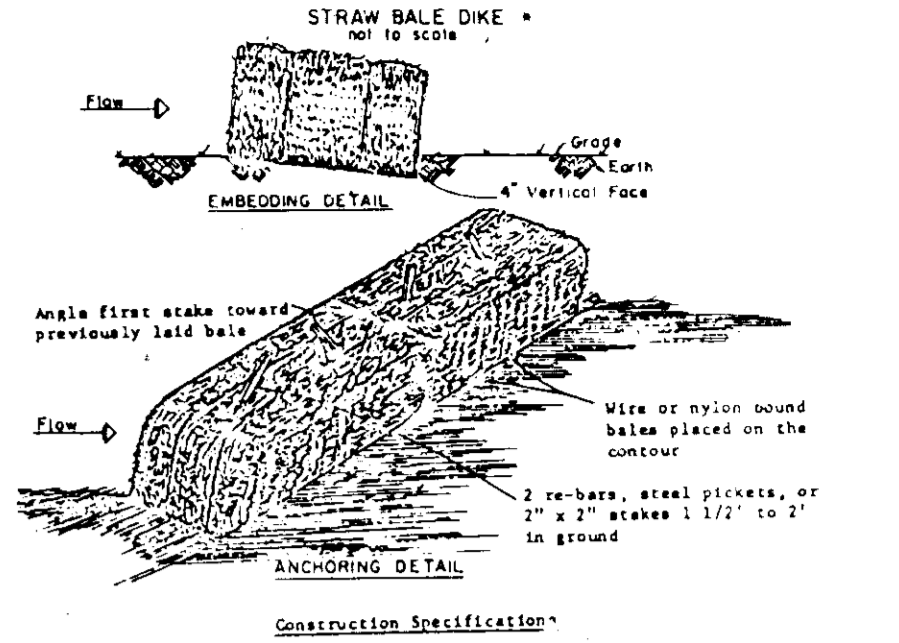
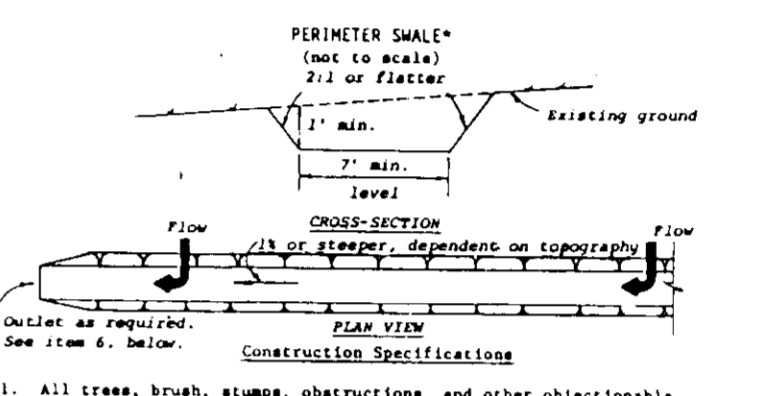


Table 50-1: Permanent Seedings and Seeding Dates. Lists species (Chloris, Fescue, Ryegrass, etc.), seeding rates, and dates for various construction phases.

Table 50-1: Temporary Seedings by Dates, Depths and Dates. Lists species (Chloris, Fescue, Ryegrass, etc.), seeding rates, and dates for various construction phases.



- 1. Bales shall be placed in a row with ends tightly abutting the adjacent bales.
2. Each bale shall be embedded in the soil a minimum of 4" on one side.
3. Bales shall be accurately secured in place by stakes or re-bar driven through the bales. The first stake in each hole shall be angled toward previously laid bales to force bales together.
4. Inspection shall be frequent and repair or replacement shall be made promptly as needed.
5. Bales shall be removed when they have served their usefulness so as not to block or impede storm flow or drainage.



- 1. All trees, brush, stumps, obstructions, and other objectionable material shall be removed and disposed of so as not to interfere with the proper functioning of the swale.
2. The swale shall be excavated or shaped to line, grade, and cross section as required to meet the criteria specified herein and be free of bank projections or other irregularities which will impede normal flow.
3. Fills shall be compacted as needed to prevent unequal settlement that would cause damage in the completed area.
4. All earth removed and not needed to construction shall be spread or disposed of so that it will not interfere with the functioning of the swale.
5. Perimeter swales shall have a minimum grade of one percent and the bottom shall be level.
6. A diverted runoff from a protected or stabilized upland area shall outlet directly onto an undisturbed stabilized area, least spreader or into a grade stabilization structure.
7. Diverted runoff from a disturbed or graded upland area shall be conveyed to a sediment trapping device such as a sediment trap or a sediment basin or within an area protected by any of these practices.
8. Stabilization shall be: (1) in accordance with the Standard and Specifications for Graded Motorway; (2) by lining the flow area with stone that meets MSHA size No. 2 or AASHTO size No. 2 or 24 to a layer at least 3 inches in thickness and pressed into the soil. The lining shall extend across the bottom and up both sides of the channel a height of at least 8 inches vertically above the bottom.
9. Periodic inspection and required maintenance shall be provided.
* Drainage area less than 5 acres. Standard Symbol = 50.

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 9-11-81

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT.
U. S. SOIL CONSERVATION SERVICE
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

Table with columns for NO, BY, DATE, REVISIONS.

APPROVED FOR PUBLIC WATER & SEWERAGE SYSTEMS, HOWARD CO. HEALTH DEPT.

APPROVED HOWARD CO OFFICE OF PLANNING AND ZONING.

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE AND ROADS HOWARD CO. DEPT. OF PUBLIC WORKS.

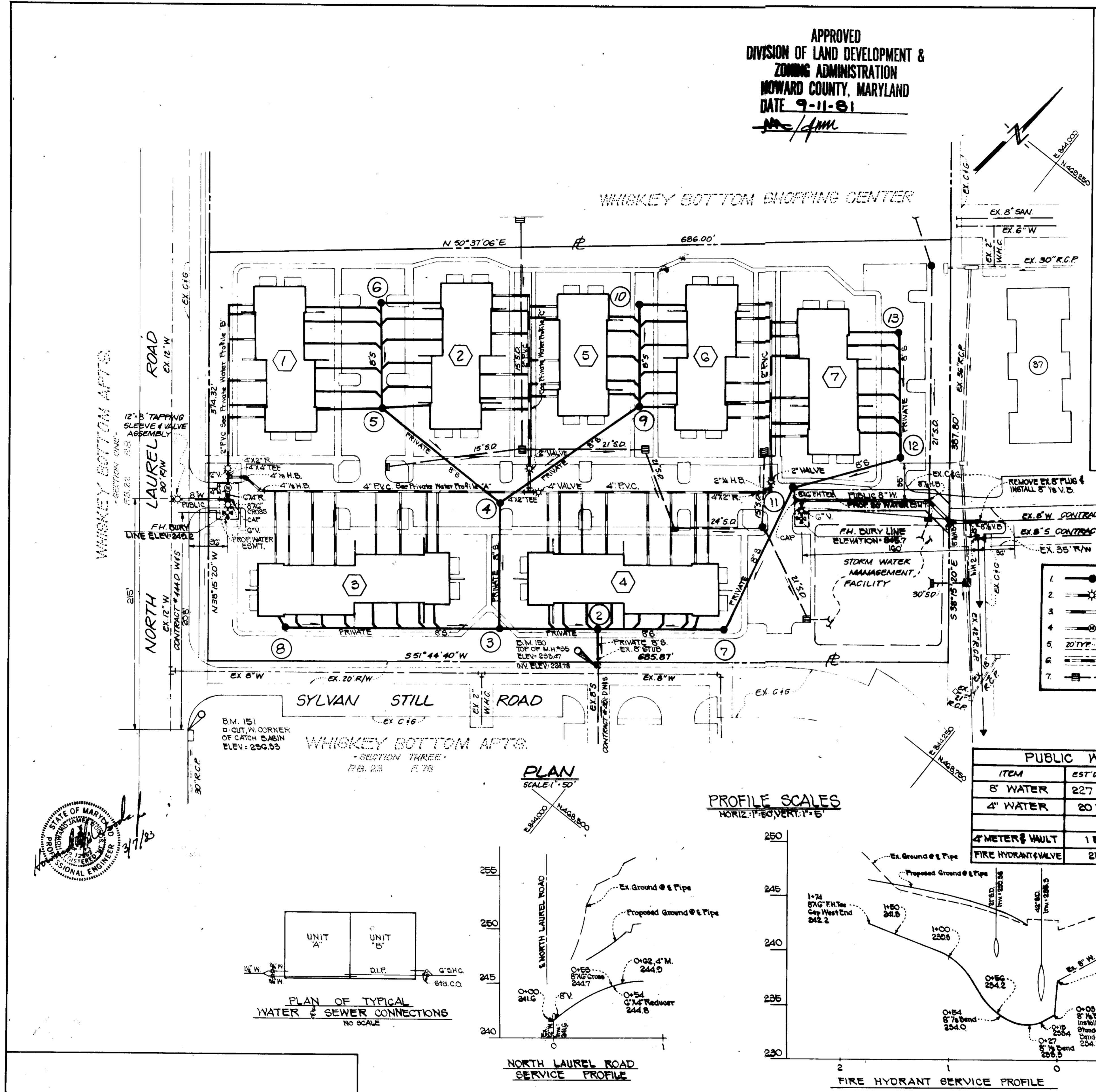
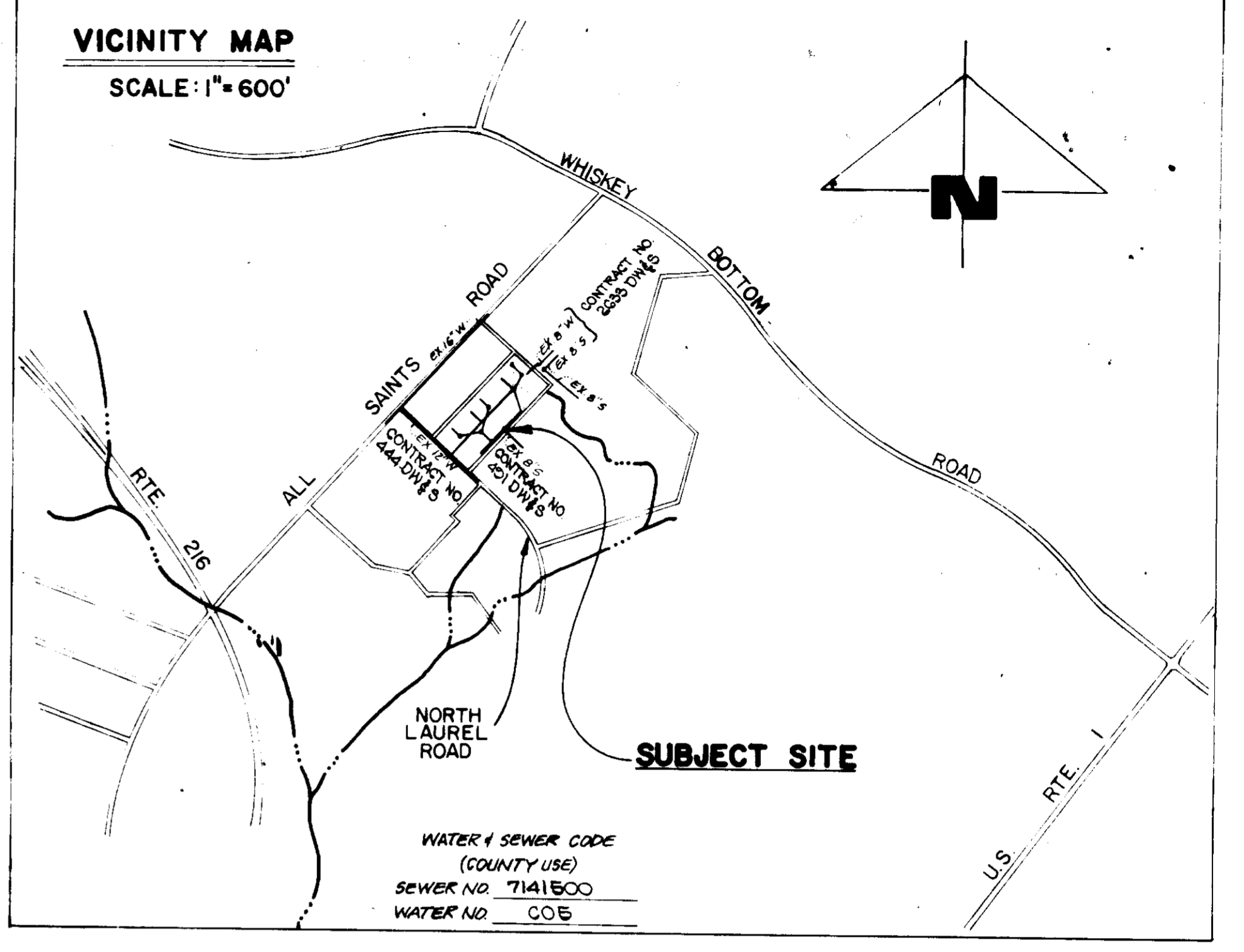
Johnson, Mirmiran & Thompson, P. A. ENGINEERS - PLANNERS - SURVEYORS - LANDSCAPE ARCHITECTS

SEDIMENT CONTROL DETAILS WHISKEY BOTTOM SQUARE APARTMENTS GUILFORD (6TH) ELECTION DISTRICT HOWARD COUNTY, MARYLAND

OWNER: "I-95 Enterprises A Limited Partnership c/o Holiday Corporation 1720 Wisconsin Avenue Washington, D. C. 20007" SHEET 6 OF 5

SDP-81-177

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 9-11-81
M/JMM



- GENERAL NOTES
- APPROXIMATE LOCATION OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EX. MAINS & SERVICES AND MAINTAIN UNINTERRUPTED SUPPLY. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE ENGINEER. AT THE CONTRACTOR'S EXPENSE.
 - ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
 - CLEAR ALL UTILITIES BY A MINIMUM OF 6". CLEAR ALL POLES BY 2' O.M.A. OR TUNNEL AS REQUIRED. ANY COST INCURRED TO THE CONTRACTOR FOR TUNNELING OR BRACING AT POLES SHALL BE INCLUDED IN UNIT PRICES BID FOR CONSTRUCTION OF THE MAIN.
 - FOR DETAILS NOT SHOWN ON THE DRAWINGS, USE HOWARD CO. STD. DETAILS.
 - FOR MATERIALS & CONSTRUCTION METHODS, USE HOWARD CO. STD. SPECIFICATIONS.
 - CONTRACTOR SHALL LOCATE EX. UTILITIES A MINIMUM OF 2 WKS. IN ADVANCE OF CONSTRUCTION OPERATIONS IN THE VICINITY OF PROPOSED UTILITIES AT HIS OWN EXPENSE.
 - CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES AT LEAST 5 WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:
 - BALTIMORE GAS & ELECTRIC CO. - UNDERGROUND ELECTRIC DISTRIBUTION - CUSTOMER SERVICE - 685-0123.
 - ENGINEERING - "DAMAGE CONTROL" - 23A-5821.
 - MISS UTILITY - 1-559-0100
 - CHESAPEAKE & POTOMAC (CIP) TELEPHONE CO. - 715-9976
 - BUREAU OF UTILITIES, HOWARD CO. - 942-2366
 - ALL WATER MAINS TO BE D.I.P. UNLESS OTHERWISE NOTED.
 - TOP OF ALL WATER MAINS TO HAVE A MIN. OF 3.5' COVER UNLESS OTHERWISE NOTED.
 - VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.
 - BLOCK ALL FITTINGS WITH CONCRETE.
 - BURY LINE ELEVATIONS ON FIRE HYDRANTS SHALL BE SET TO THE ELEVATIONS SHOWN ON THE DRAWINGS. ALL FIRE HYDRANTS SHALL BE STRAPPED & BUTTRESSED WITH CONCRETE IN ACCORDANCE WITH STD. DETAILS. SOIL AROUND THE FH TO BE COMPACTED IN ACCORDANCE WITH SECTION 9101 & 9106 OF THE STD. SPECIFICATIONS.
 - THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EX. SYSTEM.
 - ALL SEWER MAINS SHALL BE C.P.P., R.C.S.P., V.C.P.P., A.C.P. CLASS 2400 OR P.V.C. UNLESS NOTED.
 - THE CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS WITHIN 2'-0" OF EXTERIOR MANHOLE WALL.
 - ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER, UNLESS OTHERWISE NOTED.
 - WATER MAIN & WATER HOUSE CONN. MUST BE PLACED SO AS TO HAVE AT LEAST 1' SEPARATION FROM THE SANITARY SEWER AS THEY PASS ABOVE IT.
 - WATER & SEWER SERVICE TO THESE LOTS WILL BE GRANTED UNDER THE PROVISIONS OF SECTION 16.122B OF THE HOWARD CO. CODE.
 - ALL SANITARY SEWERS ARE 6" DIAMETER.
 - ALL SEWER HOUSE CONNECTIONS ARE 6" TO WITHIN 5' OF BUILDING.
 - ALL WATER TO BE 1 1/2" TO WITHIN 5' OF BUILDING.
 - ALL SANITARY SEWER AND WATER MAINS ARE PRIVATELY OWNED AND MAINTAINED EXCEPT AS SHOWN.
 - ALL HORIZONTAL CONTROLS ARE BASED ON MARYLAND STATE COORDINATES.
 - ALL VERTICAL CONTROLS ARE BASED ON U.S.G.S. DATUM.
 - PLACE REGULATION "MEN WORKING" AND WARNING SIGNS AS REQUIRED TO COMPLY WITH MARYLAND STATE HIGHWAY ADMINISTRATION MANUAL OF TRAFFIC CONTROL FOR HIGHWAY CONSTRUCTION AND MAINTENANCE OPERATIONS.
 - THE CONTRACTOR SHALL INSTALL 4" METER VAULT AS PER DETAIL SHOWN IN ARTICLE 4000 SPECIAL PROVISIONS AT 40.10

LEGEND

| | |
|---|-----------------------------------|
| 1 | PRIVATE SANITARY SEWER WITH VALVE |
| 2 | PRIVATE WATER LINE WITH VALVE |
| 3 | FIRE HYDRANT & VALVE |
| 4 | PUBLIC WATER METER & VAULT |
| 5 | WATER & SEWER R/W |
| 6 | PROPOSED PUBLIC WATER MAIN |
| 7 | STORM DRAIN |

PUBLIC WATER QUANTITIES

| ITEM | EST'D | AS-BUILT | SUPPLIER |
|----------------------|---------|----------|----------|
| 8" WATER | 227 LF. | | |
| 4" WATER | 20 LF. | | |
| 4" METER & VAULT | 1 EA. | | |
| FIRE HYDRANT & VALVE | 2 EA. | | |

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE AND ROADS HOWARD CO. DEPT. OF PUBLIC WORKS.

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE AND ROADS HOWARD CO. DEPT. OF PUBLIC WORKS.

APPROVED FOR PUBLIC WATER & SEWERAGE SYSTEMS, HOWARD CO. HEALTH DEPT.

DATE 1-27-85
DATE 1-27-85
DATE 1-27-85

DIRECTOR
CHIEF, BUREAU OF ENGINEERING

DATE 1-27-85
DATE 1-27-85
DATE 1-27-85

DATE 1-27-85
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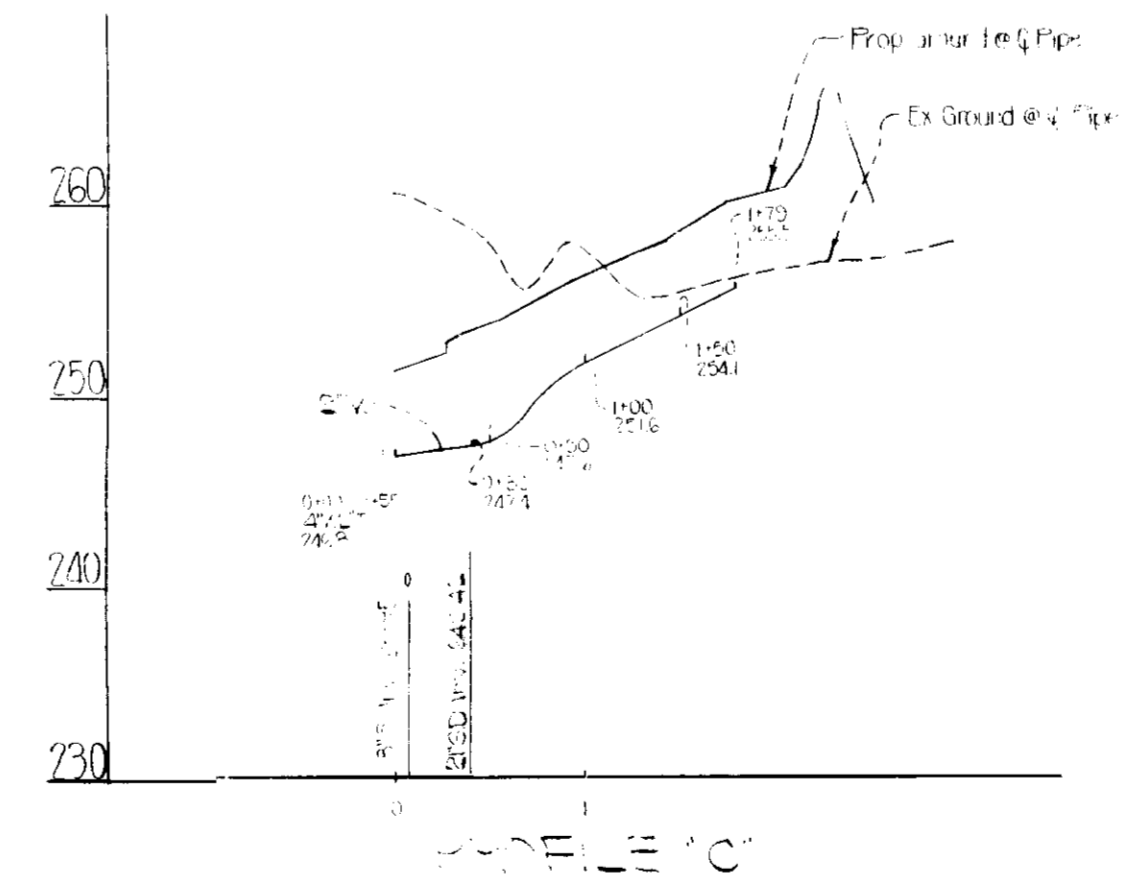
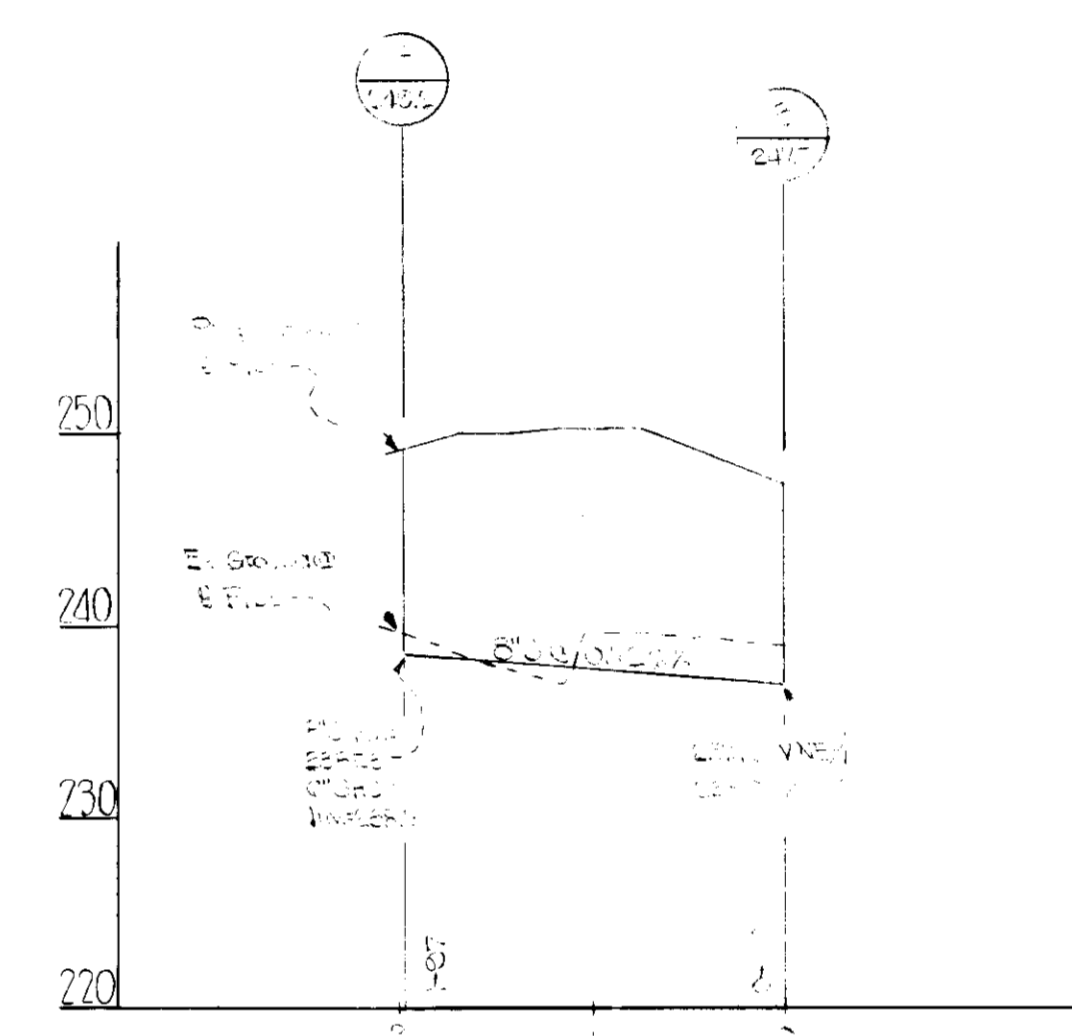
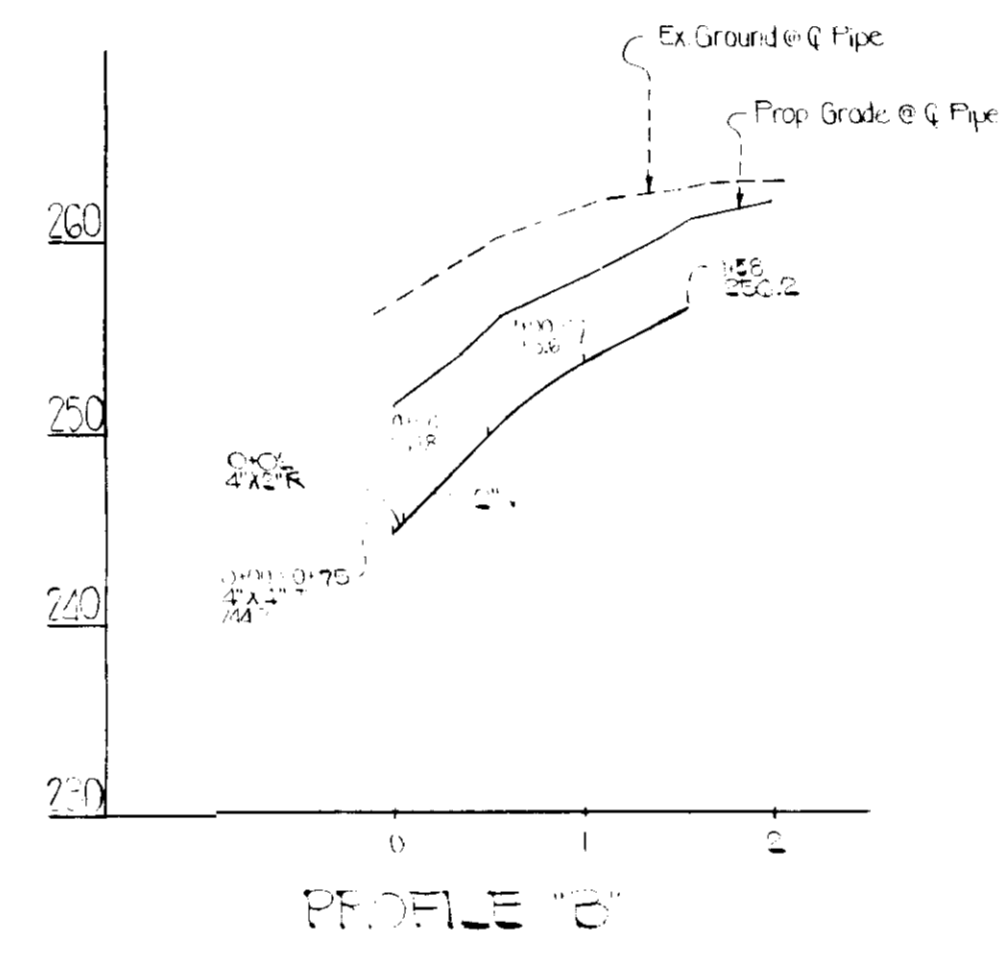
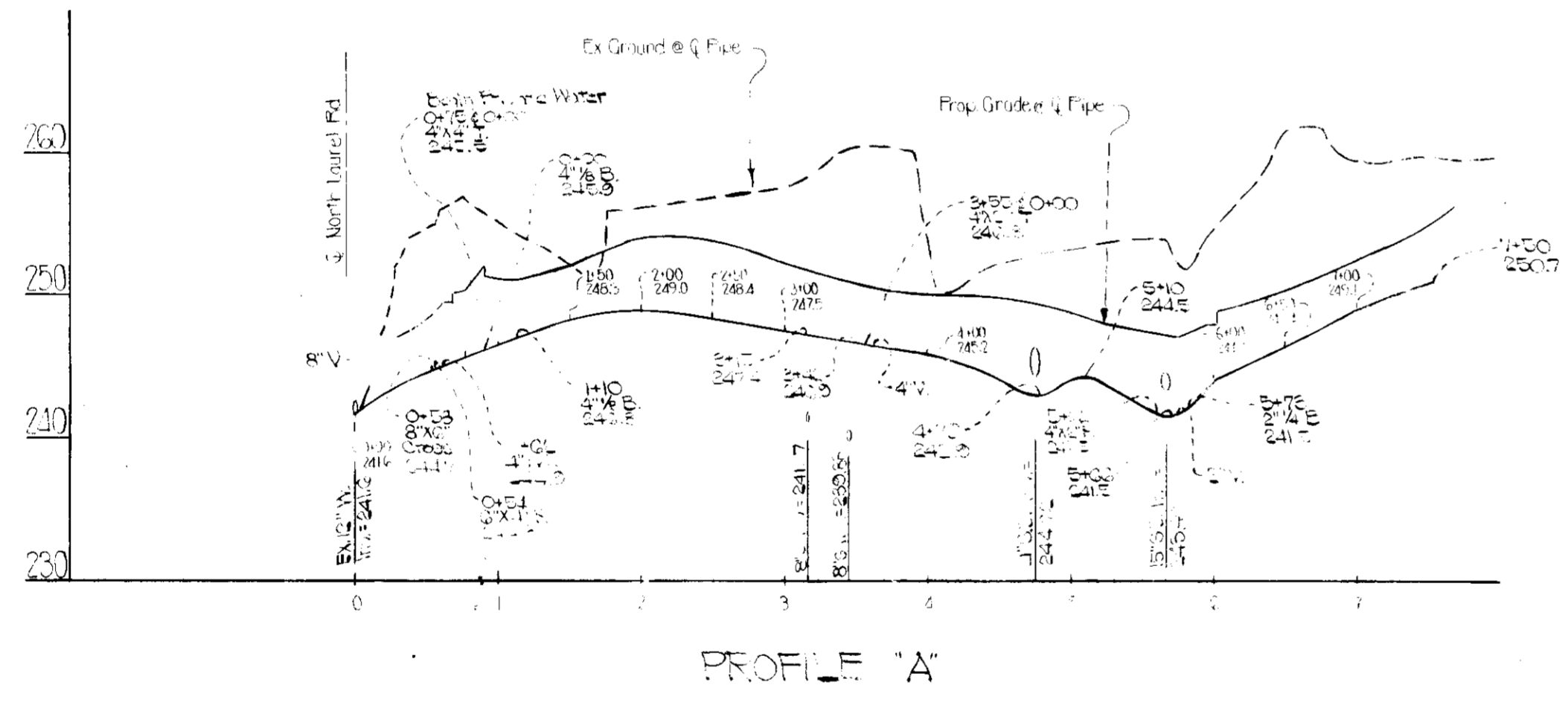
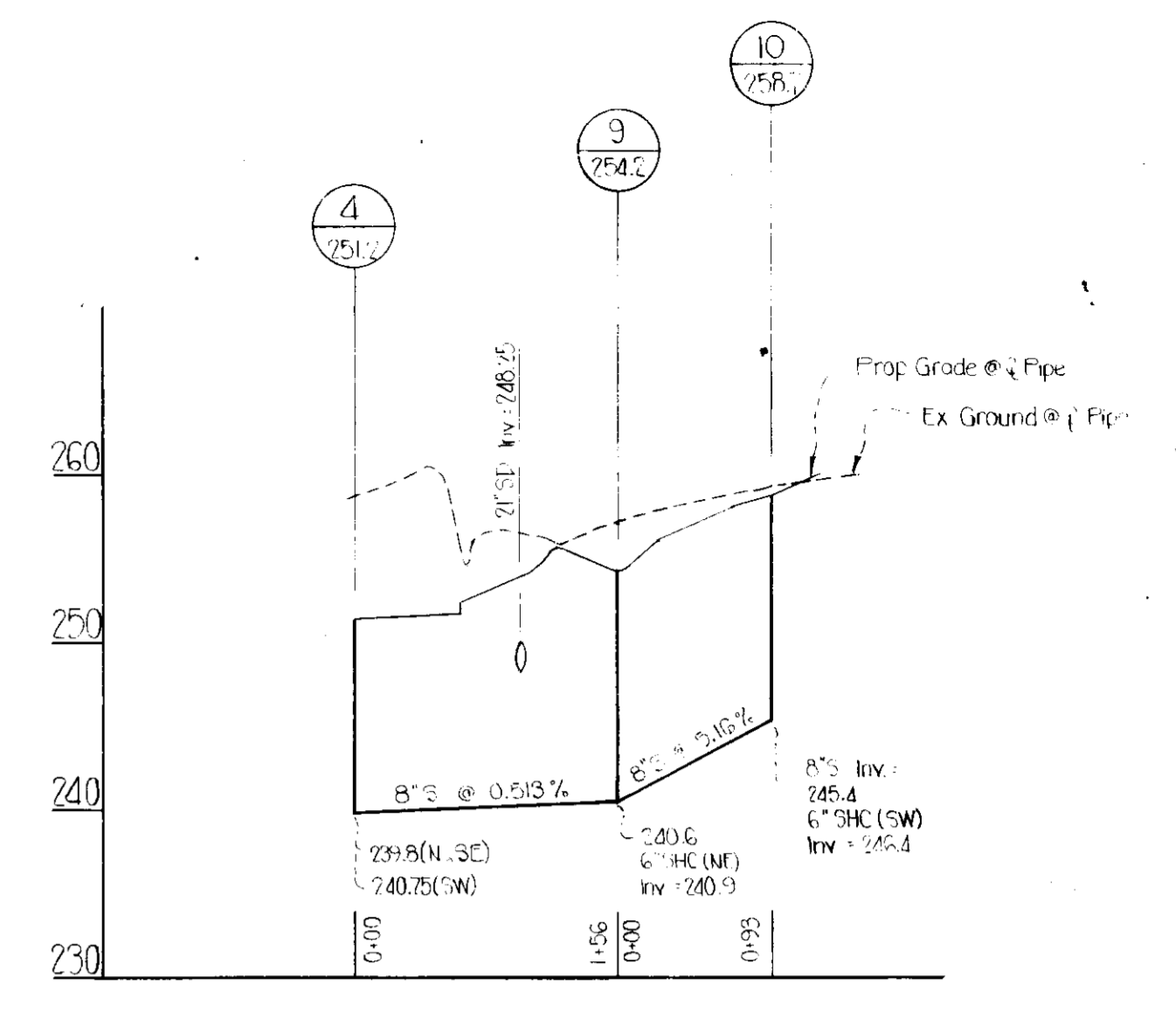
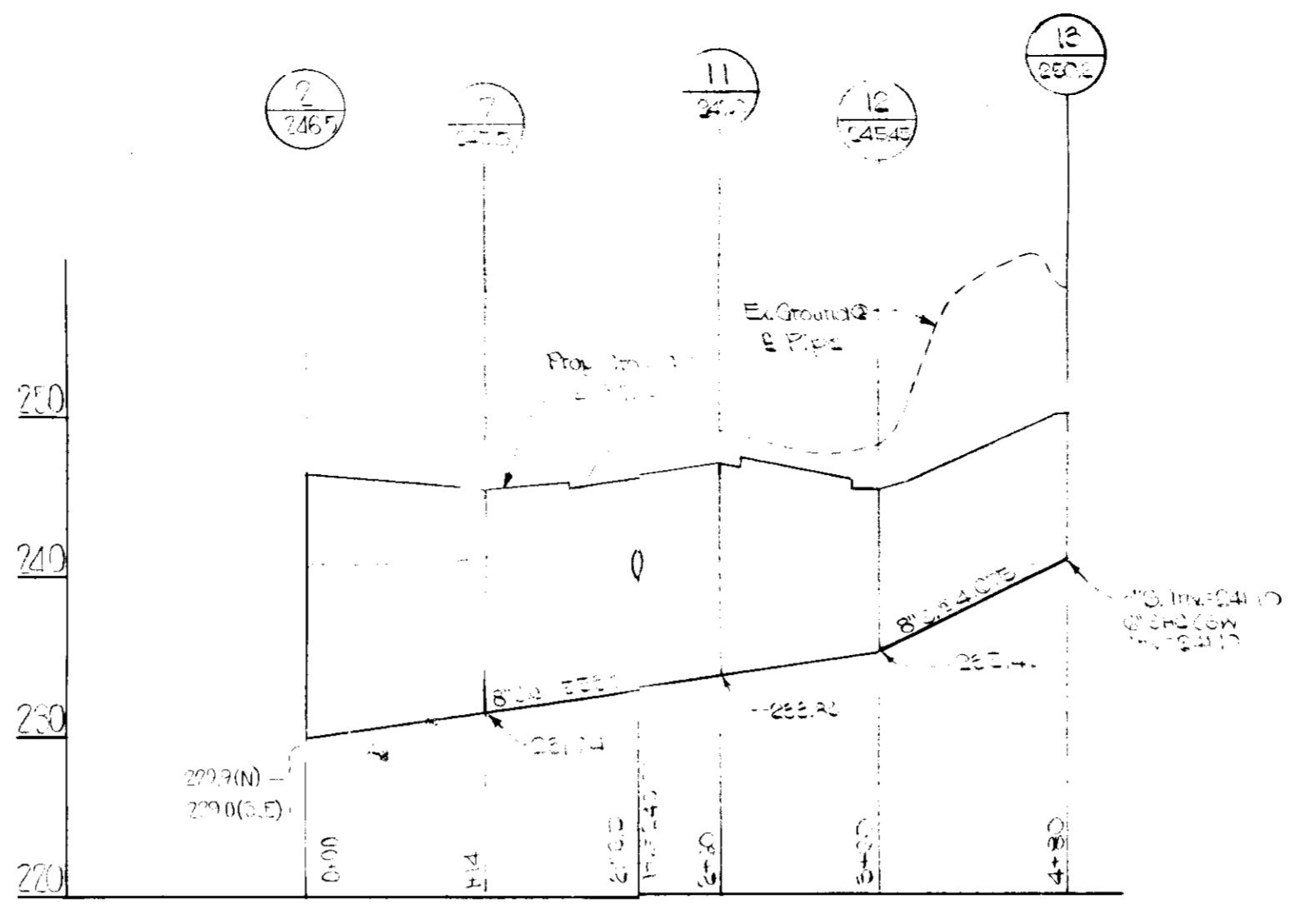
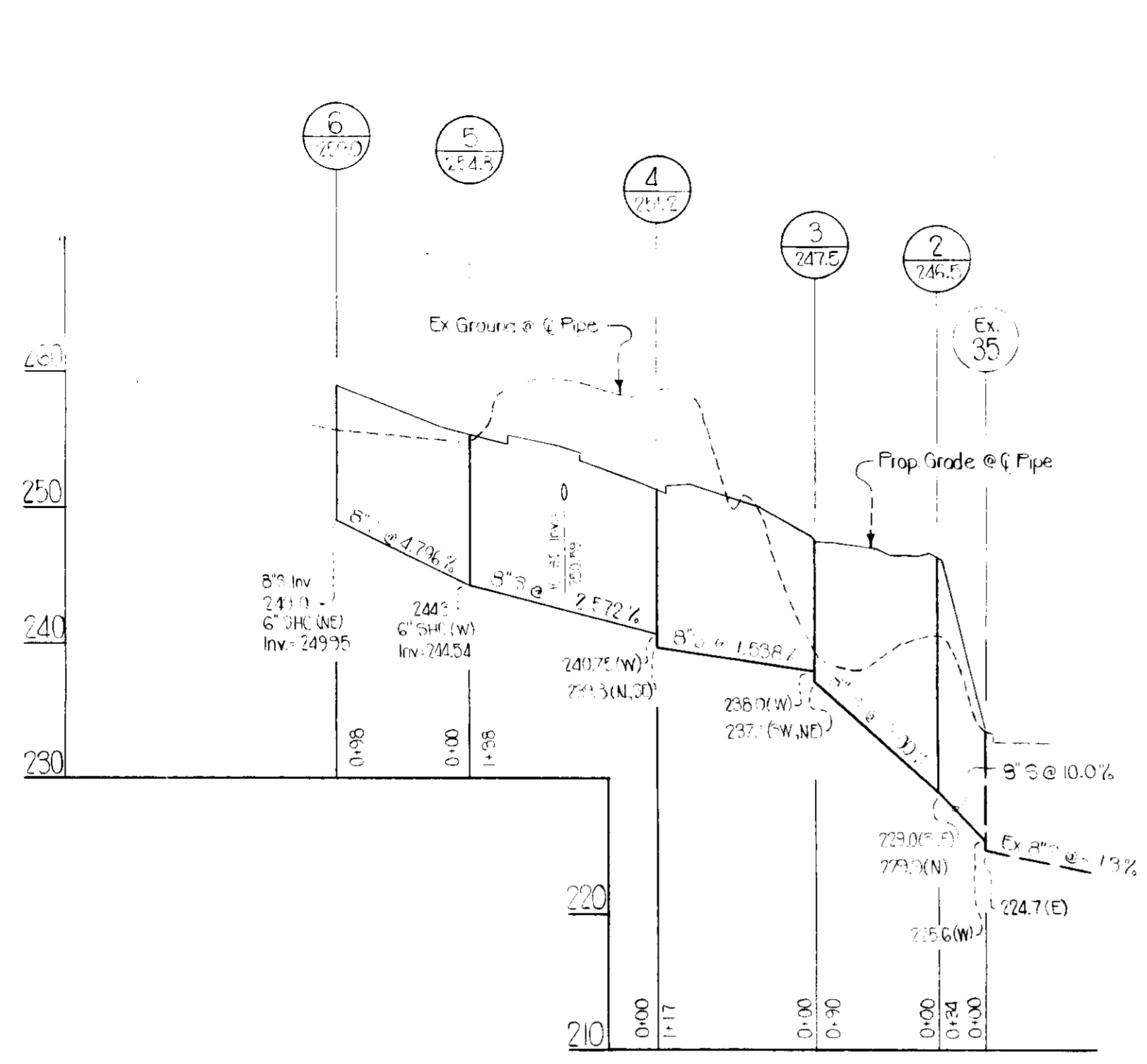


Johnson, Mirmiran & Thompson, P.A.
1701 BROADWAY • SUITE 200 • ARLINGTON, VA 22202
3710 WILSON AVENUE • SUITE 200 • FALLS CHURCH, VA 22044
1300 YORK ROAD • SUITE 100 • ANNAPOLIS, MD 21403

OWNER:
IDS Enterprises, A Limited Partnership
96 Holladay Corporation
1780 Wisconsin Avenue
Washington, D.C. 20007

WHISKEY BOTTOM SQUARE APTS.
QUILFORD (631) ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

DRAWING NO. 7 OF 8 SCALE AS SHOWN



Howard F. W. ... 1/11/83

9-11-81

APPROVED FOR PUBLIC WATER & SEWERAGE SYSTEMS, HOWARD CO. HEALTH DEPT.
[Signature] 4-26-83
 COUNTY HEALTH OFFICER DATE

APPROVED HOWARD CO. OFFICE OF PLANNING AND ZONING.
[Signature] 4-27-83
 PLANNING DIRECTOR DATE

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE AND ROADS HOWARD CO. DEPT. OF PUBLIC WORKS.
[Signature] 4-28-83
 DIRECTOR DATE

Johnson, Mirmiran & Thompson, P.A.
 ENGINEERS • PLANNERS • SURVEYORS • LANDSCAPE ARCHITECTS
 1751 ELTON RD. • SILVER SPRING, MD 20903 • (301) 434-7000

PRIVATE WATER & SEWER PROFILES
WHISKEY BOTTOM APARTMENTS
 SR2
 GUILFORD (6th) ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

| | | |
|------------|--------------|----------|
| DESIGN R/C | SHEET 3 OF 3 | |
| DRAFT R/C | DATE | JOB NO. |
| APPROVED | SCALE | FILE NO. |
| | As shown | |