

PERMANENT SEEDING NOTES:
 APPLY TO GRADED OR CLEARED AREA NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

SEEDING PREPARATION: LOOSEN UPPER THREE-INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED, SOIL AMENDMENTS: APPLY 500 LBS PER ACRE OF 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.)

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS. PER ACRE (1.4 LBS/1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 60 LBS. KENTUCKY 31 TALL FESCUE PER ACRE AND 7 LBS. PER ACRE (.06 LBS/1000 SQ. FT.) OF KEEPING LODGEPOSS; DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, PROTECT SITE BY: OPTION (1) 2 TONS PER ACRE OF WHEAT ANCHOR 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 1 TON/ACRE MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING; OPTION (4) APPLY 1 1/2 TO 2 TONS PER ACRE ANCHORED STRAW (1/4" DIA) OR UNROTTED SMALL BRAN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 275 GAL PER ACRE (8 GAL/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FEET OR GREATER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ. FT.) FOR ANCHORING. MAINTENANCE: INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

TEMPORARY SEEDING NOTES:
 APPLY TO GRADED OR CLEARED AREA SUBJECT TO BE RESTORED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDING PREPARATION: LOOSEN UPPER THREE-INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED, SOIL AMENDMENTS: APPLY 500 LBS PER ACRE OF 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.)

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30 AND AUGUST 1 THRU NOVEMBER 15, SEED WITH 1 1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ. FT.); FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF KEEPING LODGEPOSS (.07 LBS/1000 SQ. FT.); FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, AS SOON AS POSSIBLE IN THE SPRING, OR USE SOD. 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) SOD (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.

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 DISTURBANCE/DEMOLITION	0.07 ACRES
AREA DISTURBED	0.07 ACRES
AREA TO BE ROOFED OR PAVED	0.07 ACRES
AREA TO BE VEGETATIVELY STABILIZED	0.07 ACRES
TOTAL CUT	582 CU. YDS.
TOTAL FILL	582 CU. YDS.
OFFSITE WASTE/BORROW AREA LOCATION	582 CU. YDS.

1) A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTIONS AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (992-2437).

2) ALL VEGETATION REMOVAL 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 REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: (A) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DICES, PERIMETER SLOPES AND ALL GREATER THAN 21:1 BY 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

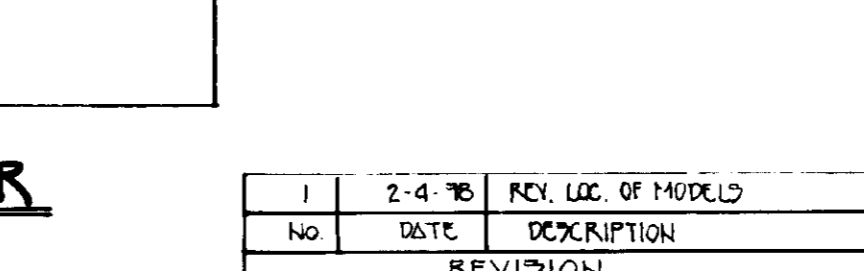
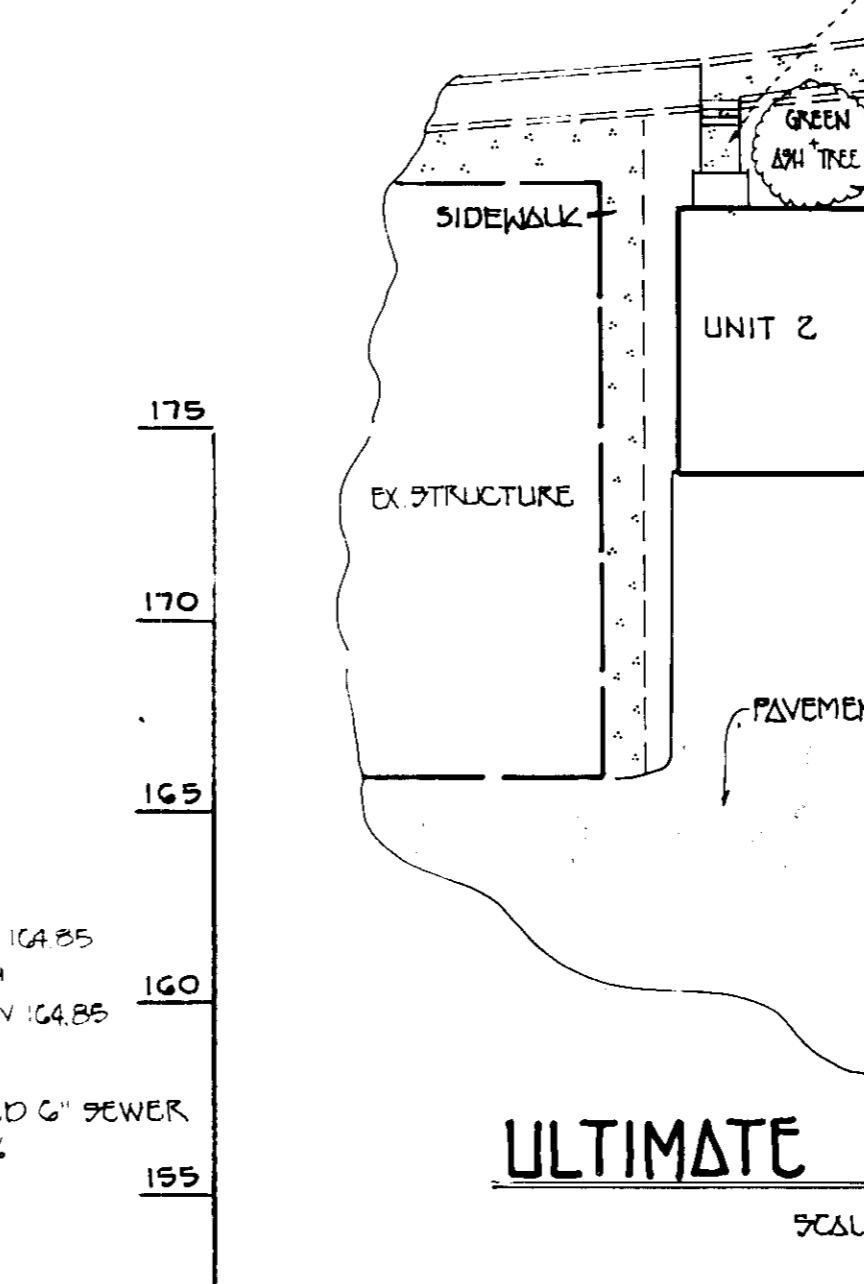
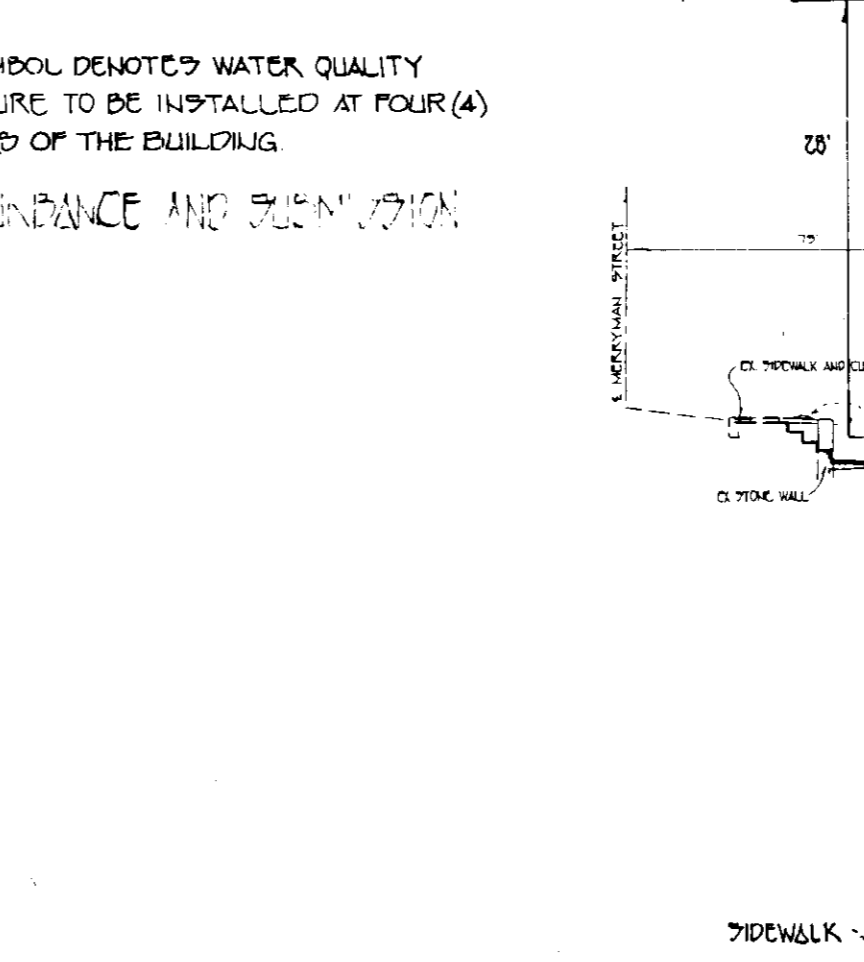
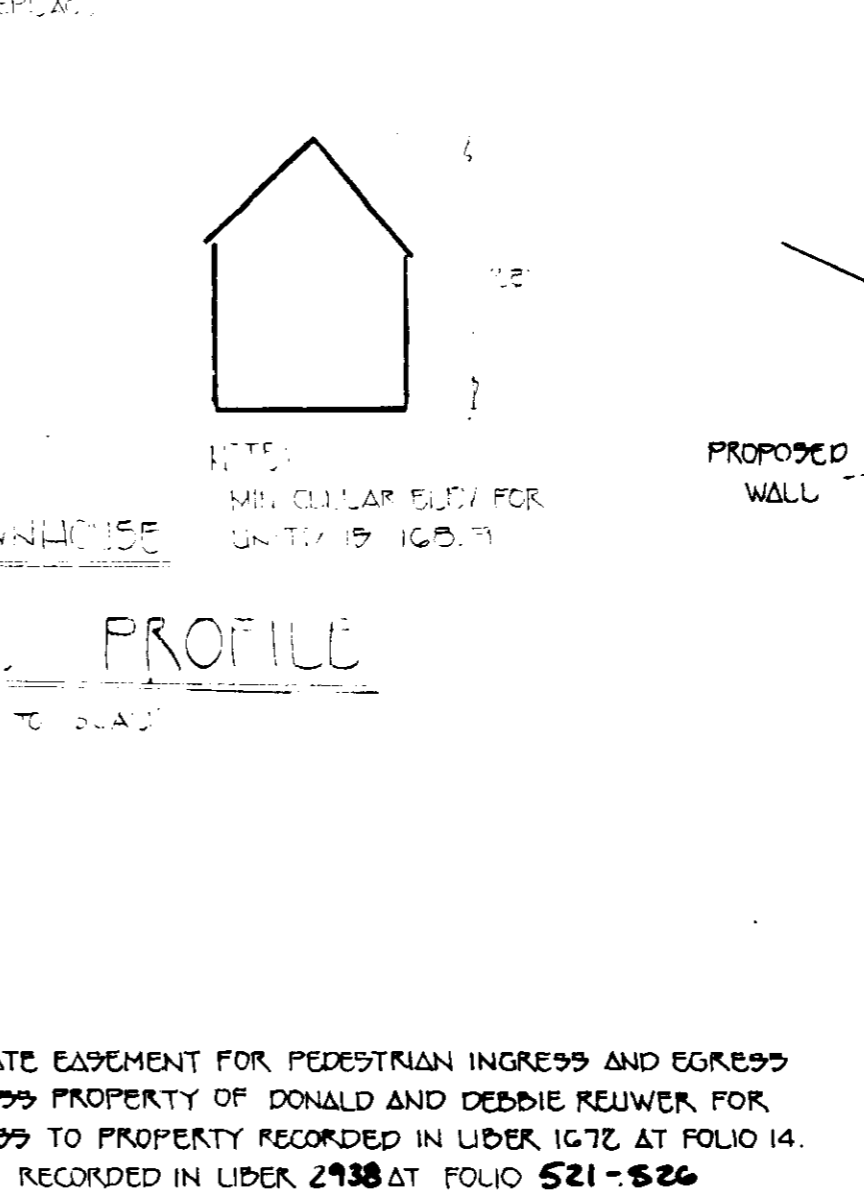
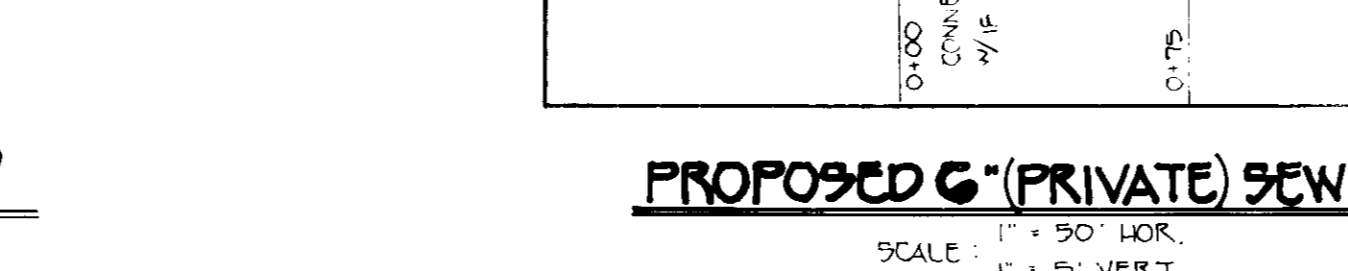
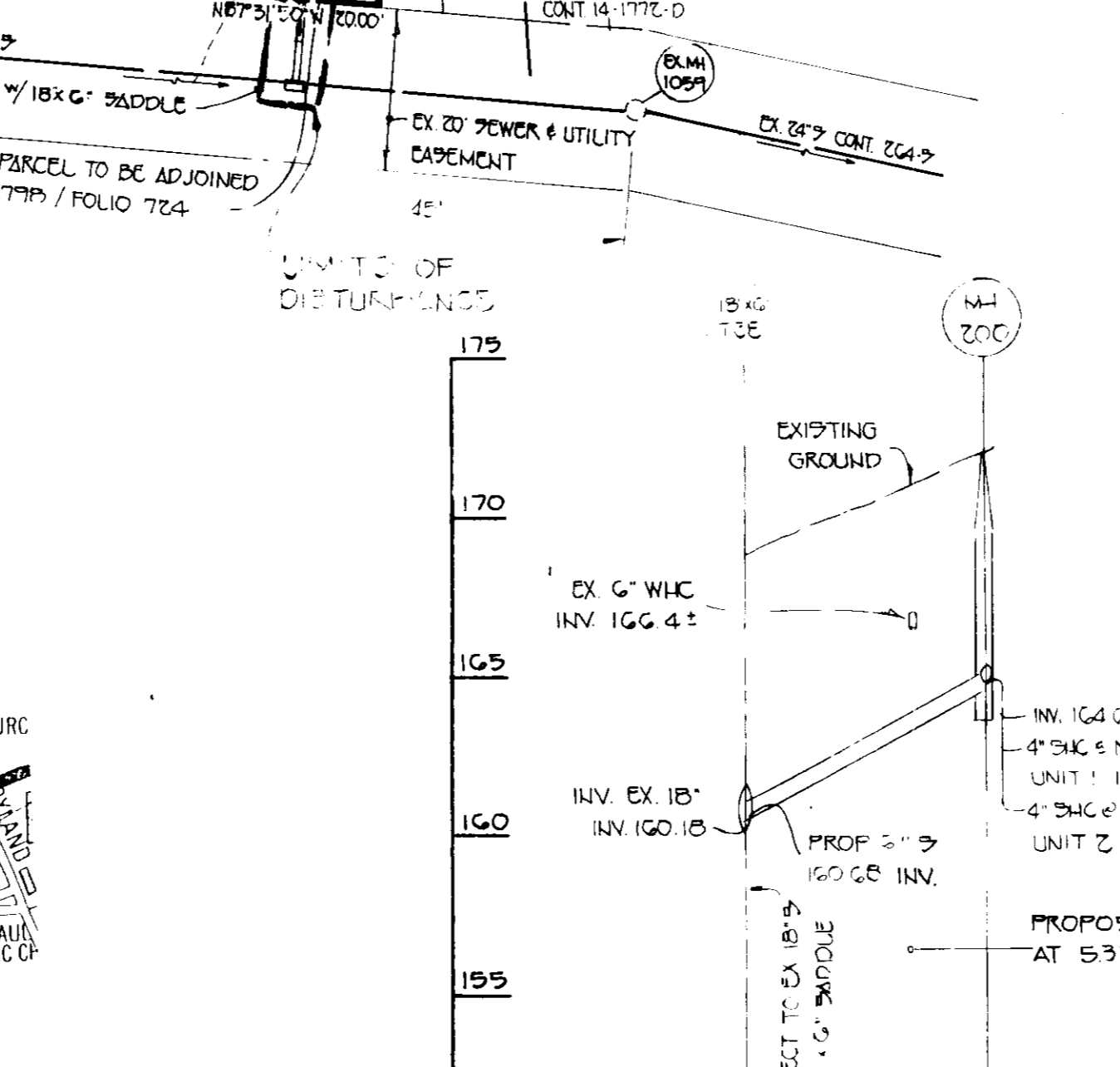
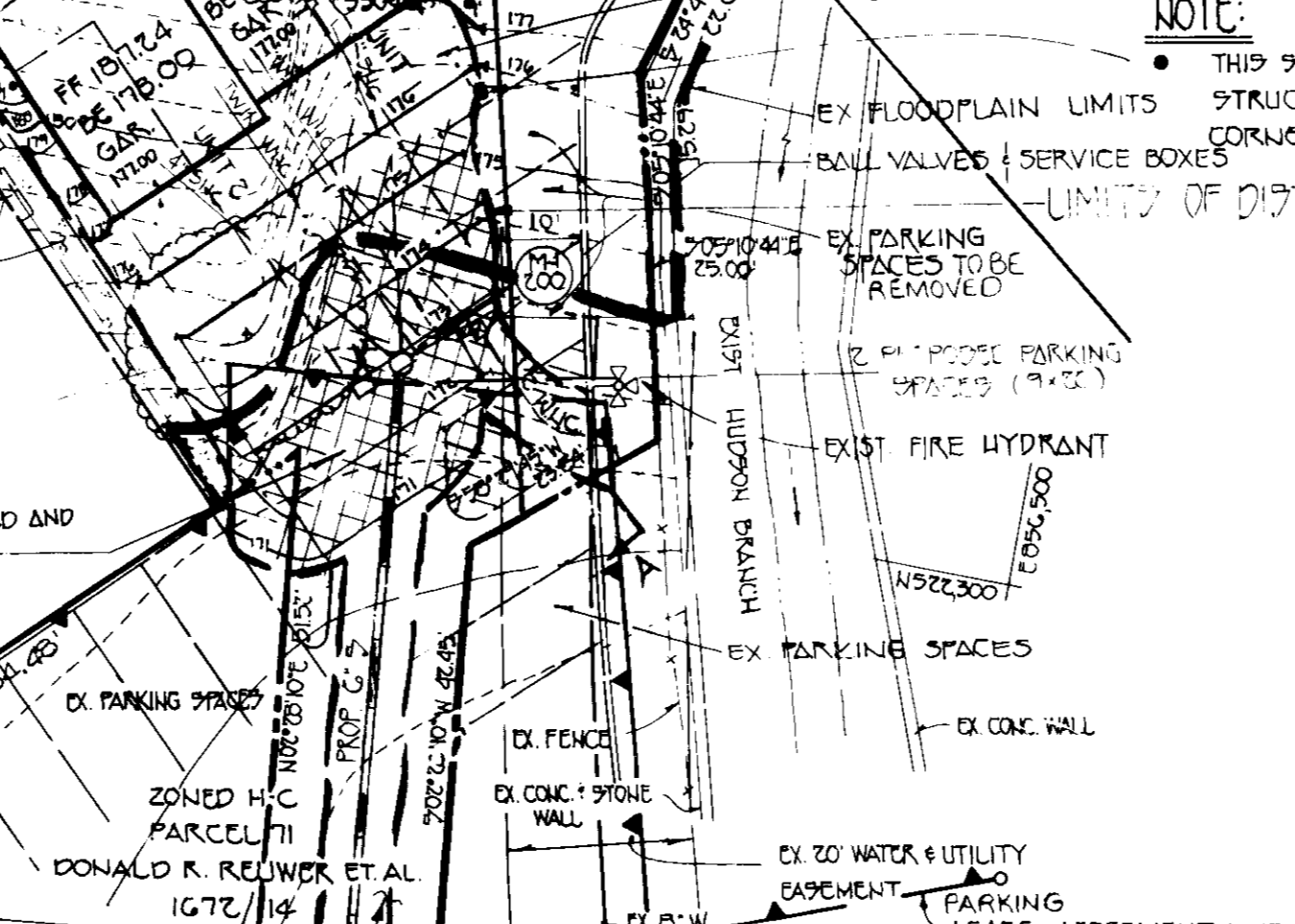
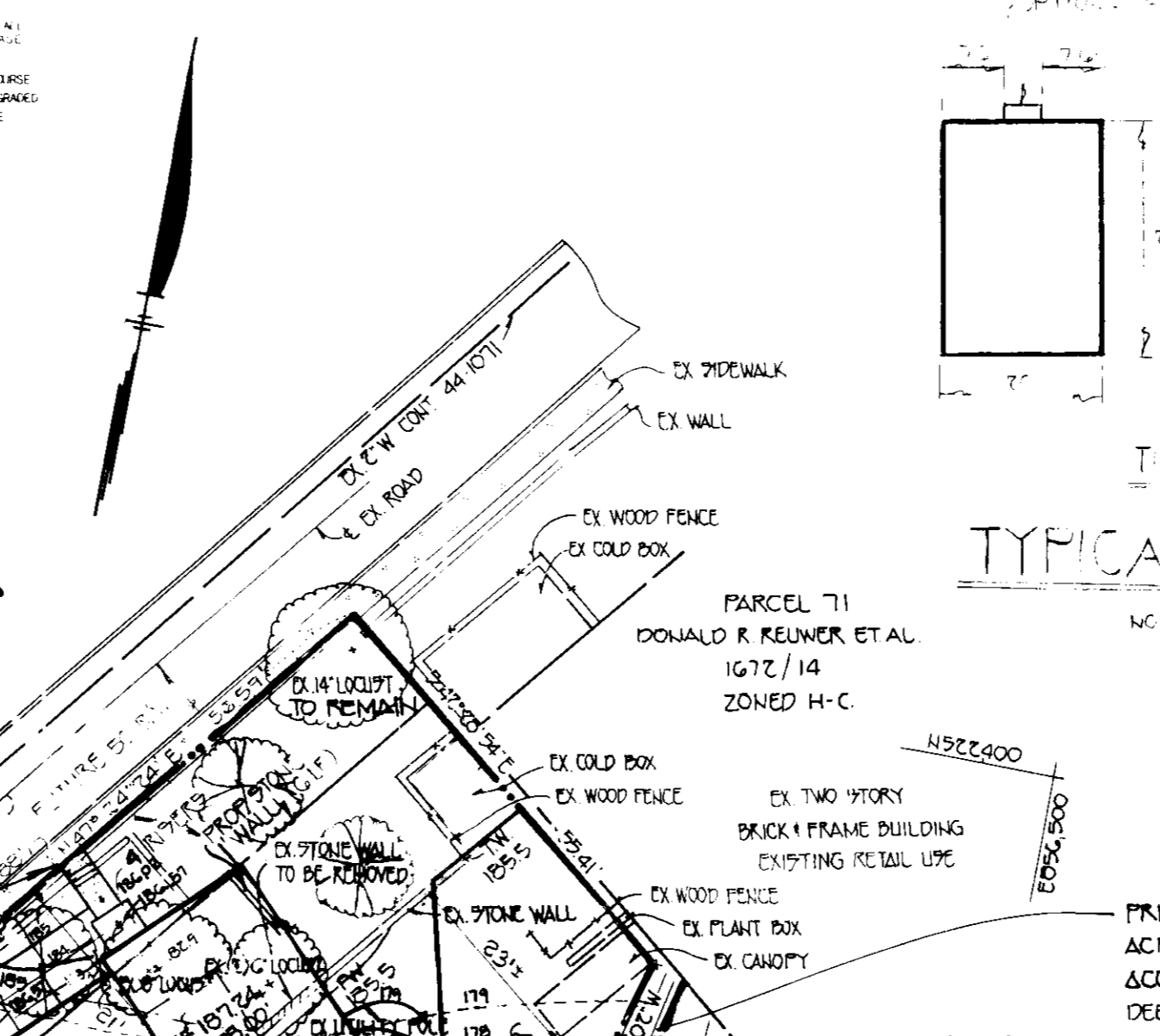
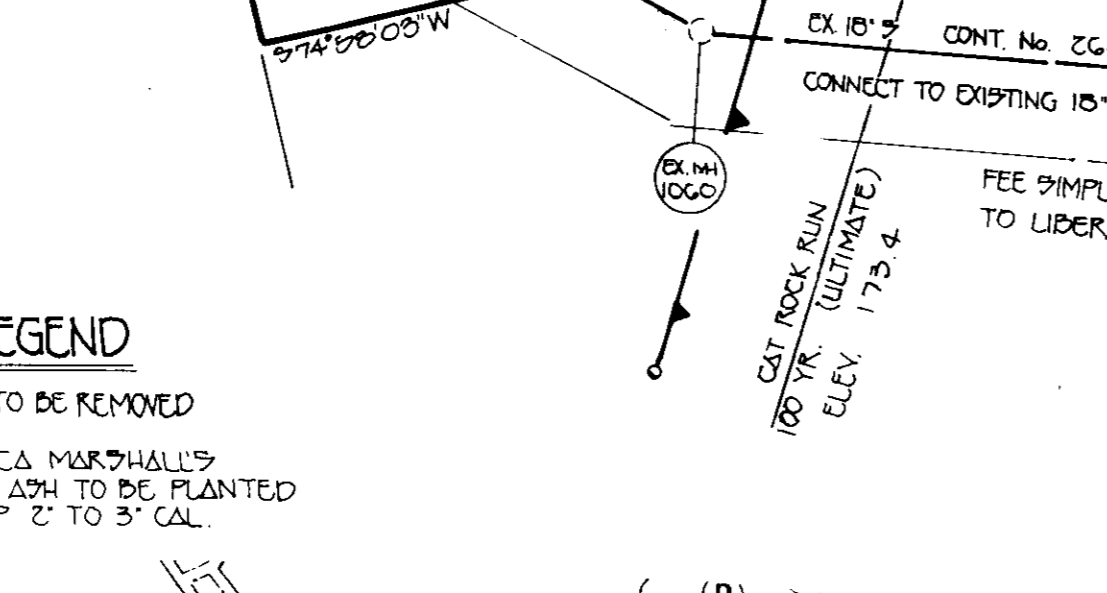
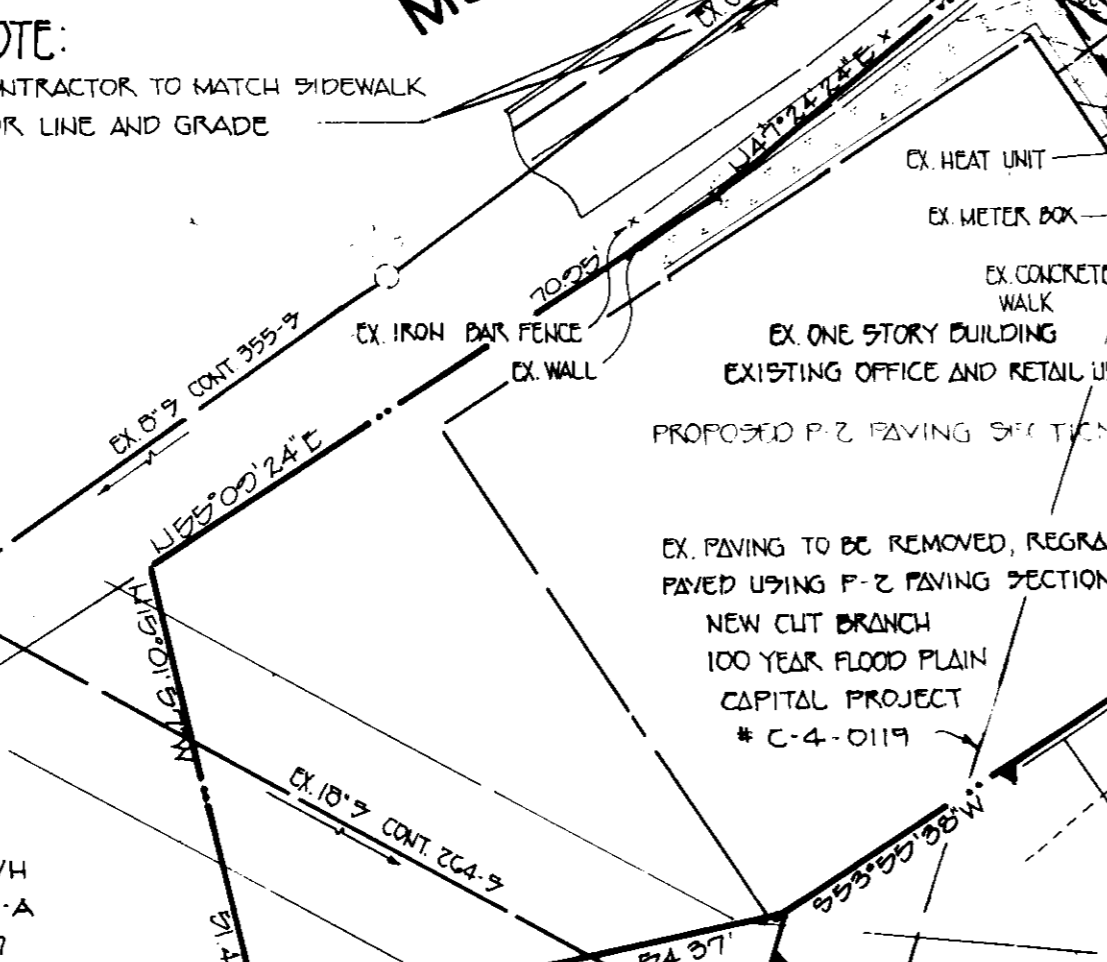
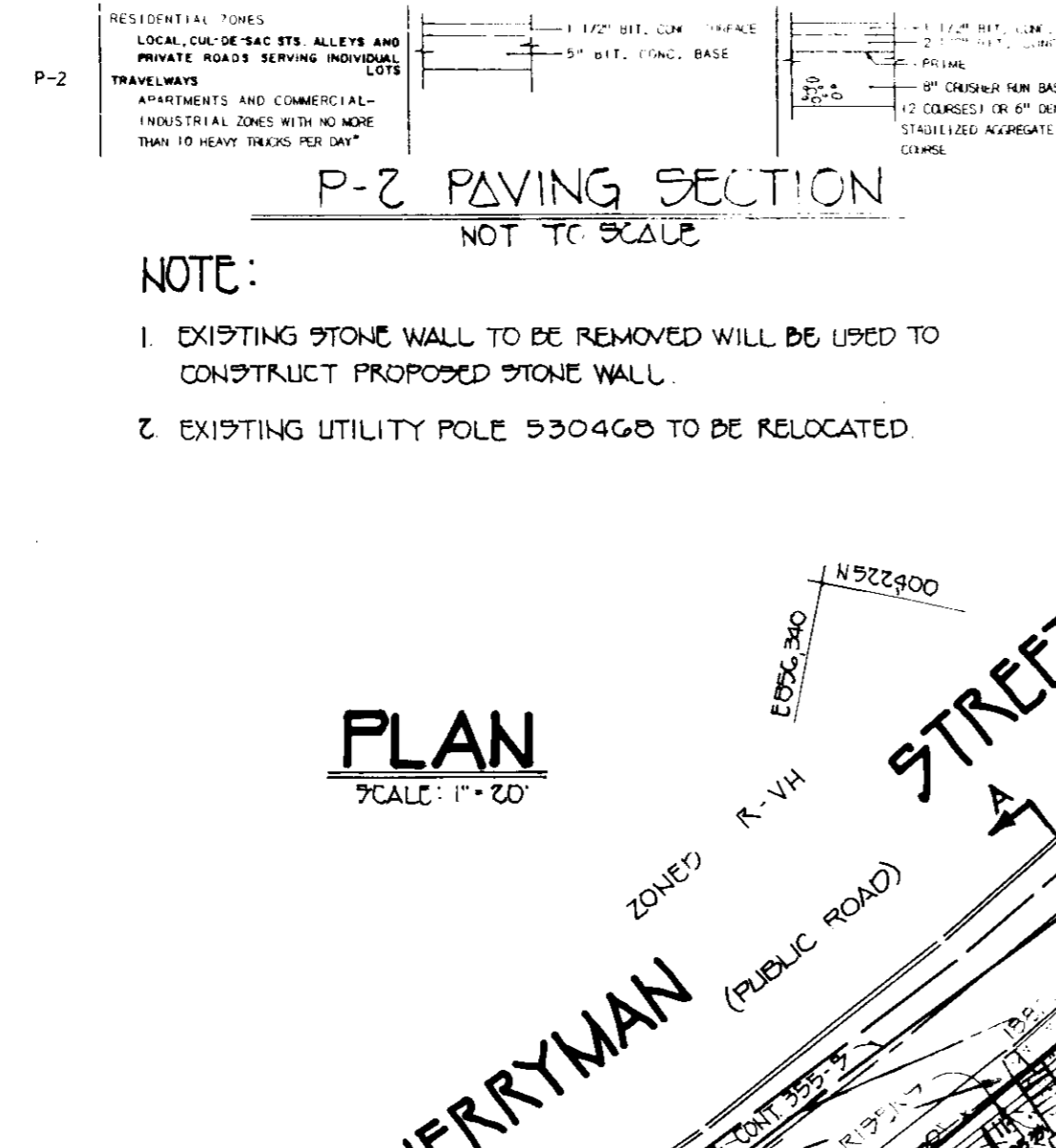
4) ALL SEDIMENT TRAPS/BASINS SHALL BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL - STORM DRAINAGE.

5) ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDINGS (SEC. 51) SOD (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) ANY ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY DPW SEDIMENT CONTROL INSPECTOR, ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES.

8) 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.



SEDIMENT CONTROL NOTES:
 1) A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTIONS AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (992-2437).

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LEGEND

- EXISTING CONTOUR 1" INTERVAL
- EXISTING CONTOUR 5" INTERVAL
- PROPOSED CONTOUR 1" INTERVAL
- PROPOSED CONTOUR 5" INTERVAL
- 175.4 SPOT ELEVATION
- FF FIRST FLOOR ELEVATION
- DC DRAINAGE ELEVATION
- Existing PAVING TO BE REMOVED AND PAVED WITH P-2 SECTION
- Existing Trees to be Removed
- 3 PENNSYLVANIA MARSHALL'S NEEDLE PINE GREEN ASPH TO BE PLANTED BALL AND DURLAP 2" TO 5" CAL

GENERAL NOTES

- THE CONTRACTOR SHALL NOTIFY "NEED UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
- SURVEY WAS PREPARED BY FISHER, COLLINS & CARTER, INC. ON OR ABOUT JUNE, 1988.
- HORIZONTAL AND VERTICAL CONTROL SHOWN HEREON IS BASED ON HOWARD COUNTY GEODETIC CONTROL STATIONS: 3143001 AND 3143002.
- ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
- EXISTING UTILITIES WERE LOCATED FROM EXISTING ROAD CONSTRUCTION DRAWINGS AND EXISTING WATER AND SEWER CONTRACT.
- TOTAL NUMBER OF PROPOSED UNITS: 2
- SUBMISSION AREA: 0.07 ACRES
- PROPOSED DWELLING UNITS WILL UTILIZE EXISTING PUBLIC WATER AND SEWER.
- THIS PARCEL IS ZONED: H-C (HISTORIC COMMERCIAL).
- TOTAL AREA OF PARCELS IS: 0.302 AC. (13,169 S.F.).
- THIS PROJECT TO CONFORM TO A.D.A. STANDARDS.
- THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK 311-1800
- WAYLIER FROM SECTION 113 OF DESIGN MANUAL VOL. 1 REMAINING TO GRADING IN THE FLOODPLAIN WAS GRANTED ON JUNE 30, 1993.
- EACH PROPOSED DWELLING UNIT TO BE SPRINKLERED.

SHEET INDEX

SHEET NUMBER	DESCRIPTION
1 OF 1	PLAN VIEW, NOTES AND DETAILS

OWNER/DEVELOPER
 LAND DESIGN AND DEVELOPMENT
 10805 HICKORY RIDGE ROAD
 COLUMBIA, MARYLAND 21044

TRAFFIC PATTERN MAP
 NOT TO SCALE

PROPOSED 6" (PRIVATE) SEWER
 SCALE: 1" = 5' HOR, 1" = 5' VERT.

ULTIMATE SITE CONDITIONS
 SCALE: 1" = 20'

WATER QUALITY STRUCTURE
 NOT TO SCALE

SEQUECE OF CONSTRUCTION

- OBTAIN GRADING PERMIT.
- EXCAVATE FOR FOUNDATIONS AND ROUGH GRADE.
- CONSTRUCT STRUCTURES, SIDEWALKS AND DRIVEWAYS.
- FIRM GRADE AND INSTALL PERMANENT SEEDING.
- REMOVE SEDIMENT AND EROSION CONTROL DEVICES AS PERMISSION IS GRANTED BY SEDIMENT CONTROL INSPECTOR.

TIBER PLACE
 ZONED HC
 SECOND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 TAX MAP 25-A PARCELS 0911
 SCALE: AS SHOWN DATE: NOVEMBER 30, 1992
 SHEET 1 OF 1

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 7171 BALTIMORE NATIONAL PIKE, SUITE 100
 ELLICOTT CITY, MARYLAND 21042
 TELEPHONE: (410) 461-0555
 FAX: (410) 750-3784

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

DEVELOPER'S CERTIFICATE
 "I" WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL, AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC INSPECTION BY THE HOWARD COUNTY CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

U.S. SOIL CONSERVATION SERVICE DATE

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

APPROVED: DEPT. OF PLANNING AND ZONING

James R. Smith 9/14/93
 PLANNING DIRECTOR DATE

Anna Sturman 9/13/93
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

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

James M. Brundage 8/30/93
 HEALTH OFFICER DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS

James P. Shaw 8/26/93
 DIRECTOR, PUBLIC WORKS DATE

Paul W. Brown 8/26/93
 CHIEF, BUREAU OF ENGINEERING DATE

PROPERTY/SUBDIVISION TIBER PLACE SECTION/AREA G911
 L.P. 154 BLOCK NO. 14 ZONE HC TAX/ZONE 25-A ELEC. DIST. C-10 CENSUS TR. 0028
 WATER CODE F04 SEWER CODE 1401000

SITE DEVELOPMENT PLAN
 ZONED HC
 SECOND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 TAX MAP 25-A PARCELS 0911
 SCALE: AS SHOWN DATE: NOVEMBER 30, 1992
 SHEET 1 OF 1