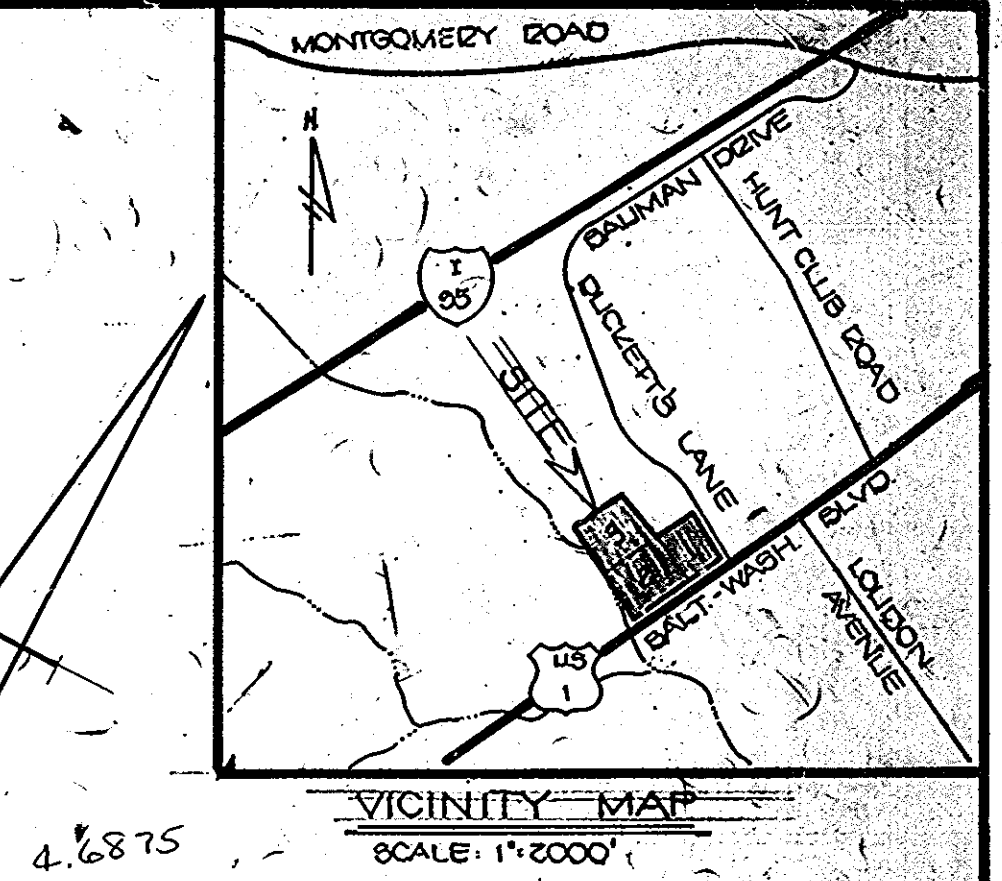
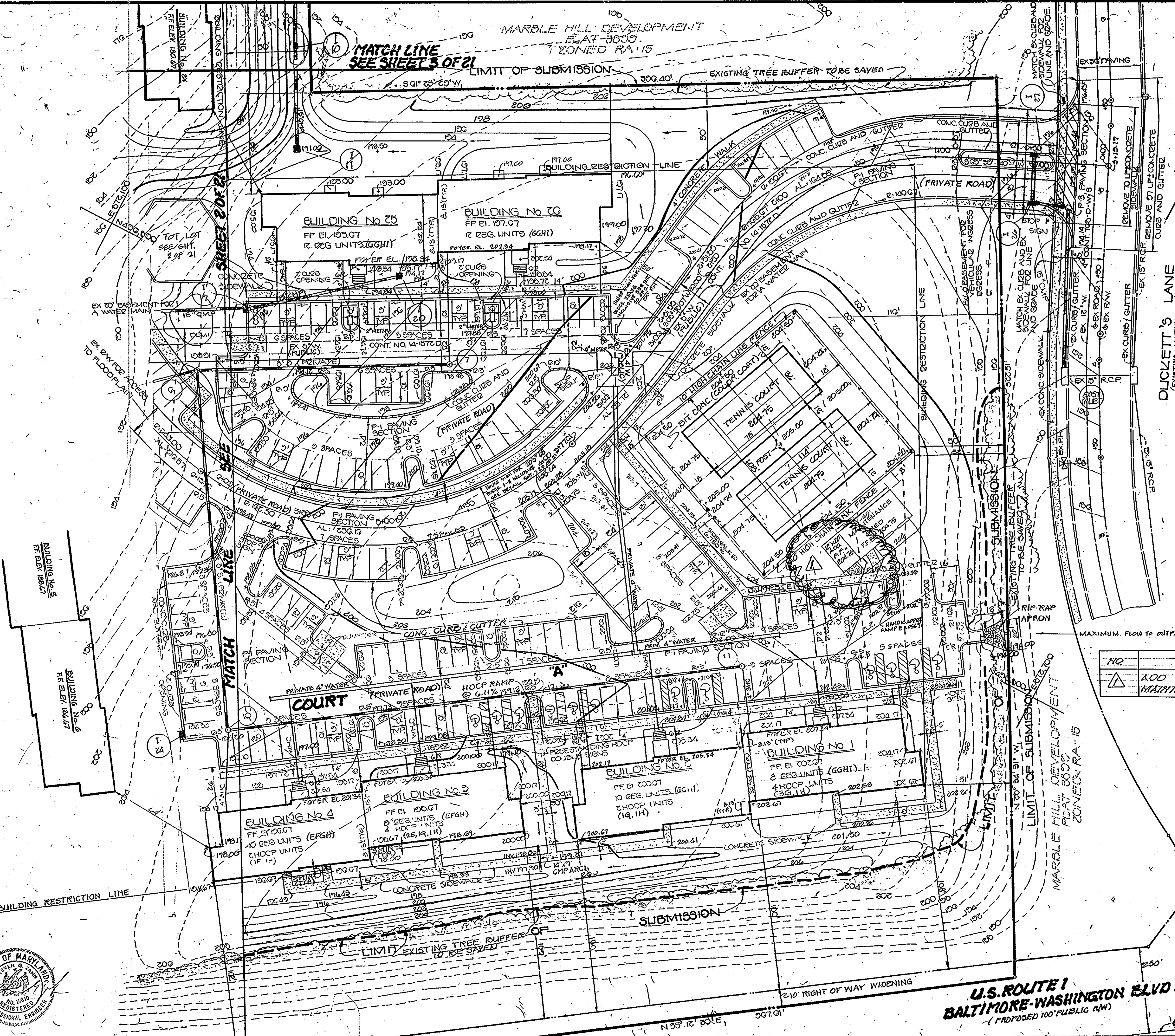


INDEX OF SHEETS	
PAGE NO.	DESCRIPTION
1.	SITE DEVELOPMENT PLAN
2.	SITE DEVELOPMENT PLAN
3.	SITE DEVELOPMENT PLAN
4.	SEDIMENT CONTROL, LANDSCAPE PLAN & DRAINAGE AREA MAP
5.	SEDIMENT CONTROL, LANDSCAPE PLAN & DRAINAGE AREA MAP
6.	SEDIMENT CONTROL, LANDSCAPE PLAN & DRAINAGE AREA MAP
7.	ROAD PLAN & PROFILE
8.	ROAD PLAN & PROFILE
9.	ROAD PLAN & PROFILE
10.	STORM DRAIN PROFILES
11.	STORM DRAIN PROFILES
12.	STORM DRAIN PROFILES
13.	PRIVATE SANITARY SEWER PROFILE
14.	PRIVATE SANITARY SEWER PROFILE
15.	PRIVATE SEWER HOUSE CONNECTIONS AND DETAILS
16.	DRAINAGE AREA MAP
17.	PRIVATE SEWER AND WATER HOUSE CONNECTIONS
18.	PRIVATE WATER HOUSE CONNECTIONS
19.	GABION WALL PLAN & PROFILE
20.	GABION WALL NOTES & DETAILS
21.	NOTES AND DETAILS

ADDRESS CHART	
BUILDING NO.	STREET ADDRESS
1	7130 DUCKETT'S LANE
2	7134 " "
3	7130 " "
4	7128 " "
5	7124 " "
6	7122 " "
7	7118 " "
8	7116 " "
9	7112 " "
10	7110 " "
11	7106 " "
12	7104 " "
13	7098 " "
14	7086 " "
15	7082 " "
16	7080 " "
17	7076 " "
18	7074 " "
19	7070 " "
20	7068 " "
21	7064 " "
22	7062 " "
23	7058 " "
24	7056 " "
25	7052 " "
26	7050 " "
COMMUNITY CENTER	7100 " "
MAINTENANCE SHED	7100 DUCKETT'S LANE



- GENERAL NOTES:**
- TOTAL AREA OF PARCEL: 23.59 AC.
 - LIMIT OF SUBMISSION: AS SHOWN.
 - PRESENT ZONING: RA-15 (RESIDENTIAL - APARTMENTS)
 - PLAT REFERENCE: PLAT NO. 37, PARCEL 37D
 - PROPERTY IS SHOW OF THE MAP 37, PARCEL 37D
 - PARKING DATA:
 - INTENDED USE OF STRUCTURES: GARDEN APARTMENTS
 - TOTAL NUMBER OF ALLOCATED UNITS: 112
 - TOTAL NUMBER OF UNITS SHOWN: 312
 - ONE BEDROOM (UNIT B-636 GSP) 36 UNITS
 - ONE BEDROOM W/DEN (UNIT E-726 GSP) 24 UNITS
 - TWO BEDROOM (UNIT C-726 GSP) 120 UNITS
 - TWO BEDROOM W/DEN (UNIT H-592 GSP) 78 UNITS
 - TWO BEDROOM (UNIT I-924 GSP) 54 UNITS
 - TOTAL NUMBER OF HANDICAPPED UNITS REQUIRED (42), 12.5
 - TOTAL NUMBER OF HANDICAPPED UNITS PROVIDED: 13 (47.9%)
 - TOTAL AREA OF BUILDINGS (INCLUDING COMMON AREAS): 147,472 S.F. (107 BUILDING COVERAGE)
 - TOTAL NUMBER OF PARKING SPACES REQUIRED (SEC. 12740.05, ZONING REG.): 588 SPACES
 - 1.5 SPACES/ONE OR TWO BEDROOM UNITS: 72 UNITS X 1.5 SPACES = 108 SPACES
 - 2.0 SPACES/UNIT LARGER THAN 800 SQ. FT.: 240 UNITS X 2.0 SPACES = 480 SPACES
 - HANDICAPPED PARKING (2% OF TOTAL): 588 SPACES X .02 = 12 SPACES
 - TOTAL NUMBER OF PARKING SPACES PROVIDED:
 - STANDARD SPACES (9' X 18'): 578 SPACES
 - HANDICAPPED SPACES (8' X 18'): 10 SPACES
 - OPEN SPACE (GREEN AREA): 0 SPACES
 - OPEN SPACE REQUIRED (20%): 4.72 AC.
 - OPEN SPACE PROVIDED: 14.4 AC. (61%)
 - THE CONTRACTOR SHALL NOTIFY THE HOWARD COUNTY CONSTRUCTION/INSPECTION SURVEY DIVISION 24 HOURS PRIOR TO COMMENCEMENT OF WORK AS 592-247.
 - HANDICAPPED FACILITIES TO BE CONSTRUCTED IN ACCORDANCE WITH THE "DESIGN OF BARRIER-FREE FACILITIES" AND THE "HANDICAPPED BUILDING CODE FOR THE HANDICAPPED AND AGED".
 - ALL PAVING AND STORM DRAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS. EXISTING UTILITIES SHOWN HEREON HAVE BEEN LOCATED FROM FIELD AND OFFICE INFORMATION. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION FROM FIELD AND OFFICE INFORMATION. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF EXISTING UTILITIES TO HIS/HER OWN SATISFACTION BEFORE MAKING ANY CONNECTION THEREOF OR EXCAVATING IN THE AREA THEREOF.
 - THE CONTRACTOR SHALL NOTIFY THE UTILITY 559-6104 A MINIMUM OF THREE DAYS PRIOR TO BEGINNING ANY CONSTRUCTION WORK THEREON.
 - SEE ARCHITECTURAL DRAWINGS FOR BUILDING DIMENSIONS.
 - ALL INTERIOR ROADS WILL BE PRIVATELY OWNED AND MAINTAINED.
 - STORM WATER MANAGEMENT REQUIREMENTS FOR THIS SITE HAS BEEN OBTAINED (S-84-94)
 - BUILDING LENGTH OF 200'-0" PERMITTED BY L.A.B. 18, GRANTED JULY 29, 1986.
 - RELATIONS SHALL MEET THE REQUIREMENTS OF HOWARD COUNTY CONC. CHAP. 1, ARTICLE 1.

NO.	REVISION	DATE	BY
1	ADD 12' X 20' ADDITION TO CHST. MAINTENANCE SHED	JUNE 87	E.R.O.

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 7-1-87
[Signature]



Owner
IMG/PINE RIDGE ASSOCIATES
5457 TWIN KNOLLS ROAD
COLUMBIA, MARYLAND 21045
TEL: (301) 995-0760

DEVELOPER
PINE RIDGE ASSOCIATION
NORTHERN VIRGINIA DIVISION
SUITE 200
210 GREENSBORO DRIVE
MELBURN, VIRGINIA 22110
TEL: (703) 734-1030

Dewberry & Davis
ARCHITECTS ENGINEERS PLANNERS SURVEYORS
3300 N. Ridge Road
Suite 100
Ellicott City, Maryland
21043
(301) 461-7478 BALTIMORE
(301) 621-4970 WASHINGTON

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 REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
[Signature] 8/10/87
SIGNATURE OF ENGINEER DATE

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 NATURAL RESOURCES 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 OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."
[Signature] 2/19/87
SIGNATURE OF DEVELOPER DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
[Signature] 9-10-87
U.S. SOIL CONSERVATION SERVICE DATE
THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
APPROVED: *[Signature]* 9/10/87
DISTRICT HEALTH OFFICER DATE
HOWARD SOIL CONSERVATION DISTRICT

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.
[Signature] 9/14/87
DIRECTOR, PUBLIC WORKS DATE
[Signature] 9-14-87
CHIEF, BUREAU OF ENGINEERING DATE
APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS.
[Signature] 9/16/87
HEALTH OFFICER DATE

APPROVED: OFFICE OF PLANNING AND ZONING
[Signature] 9-18-87
PLANNING DIRECTOR DATE
[Signature] 9-17-87
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE
SUBDIVISION NAME: PINE RIDGE
SECTION/AREA: NA
PARCEL NUMBER: 0.870
PLAT NO.: 7201-7305
BLOCK NO.: 15
ZONE: RA-15
TAX ZONE: 57-30
CENSUS TRACT: 19
WATER CODE: 902
SEWER CODE: 2152200

SITE DEVELOPMENT PLAN
PINE RIDGE
TAX MAP 37 PARCEL A, B, C
1ST. ELECTION DISTRICT HOWARD CO. MD.
SCALE: 1" = 30'
FEBRUARY 20, 1987
SHEET 1 OF 21
S.D.P. 87-166

REVISIONS	
DATE	DESCRIPTION
7-12-88	REVISE SAC'S BUILDINGS 11&12



APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
 DATE 7-1-87

DEVELOPER:
 PULTE HOME CORPORATION
 NORTHERN VIRGINIA DIVISION
 SUITE 201
 8200 GREENSBORO DRIVE
 MCLEAN, VIRGINIA 22102
 TEL: (703) 734-1030

LAGAINE RIDGE ASSOCIATES
 8487 TWIN KNOLLS ROAD
 COLUMBIA, MARYLAND 21045
 TEL: (301) 995-0760



Dewberry & Davis
 ARCHITECTS ENGINEERS PLANNERS SURVEYORS

3300 N. Ridge Road
 Suite 100
 Ellicott City, Maryland 21043

(301) 461-7478 BALTIMORE
 (301) 621-4970 WASHINGTON

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 REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

[Signature]
 SIGNATURE OF ENGINEER

8/13/87
 DATE

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 NATURAL RESOURCES 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 OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

[Signature]
 SIGNATURE OF DEVELOPER

2/17/87
 DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

[Signature]
 U.S. SOIL CONSERVATION SERVICE

9-10-87
 DATE

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

APPROVED:
[Signature]
 HOWARD SOIL CONSERVATION DISTRICT

9/10/87
 DATE

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

[Signature]
 DIRECTOR, PUBLIC WORKS

9/14/87
 DATE

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

[Signature]
 HEALTH OFFICER

9-16-87
 DATE

APPROVED: OFFICE OF PLANNING AND ZONING

[Signature]
 PLANNING DIRECTOR

9-18-87
 DATE

[Signature]
 CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

9-17-87
 DATE

SUBDIVISION NAME: PINE RIDGE
 SECTION/AREA: N.A.
 PARCEL NUMBER: 7301-1005
 TAX MAP NO.: 15+13 2A+3
 ZONE: 57+38
 ELEC. DIST.: 1ST
 CENSUS TR.: 0012
 WATER CODE: A02
 SEWER CODE: 2162200

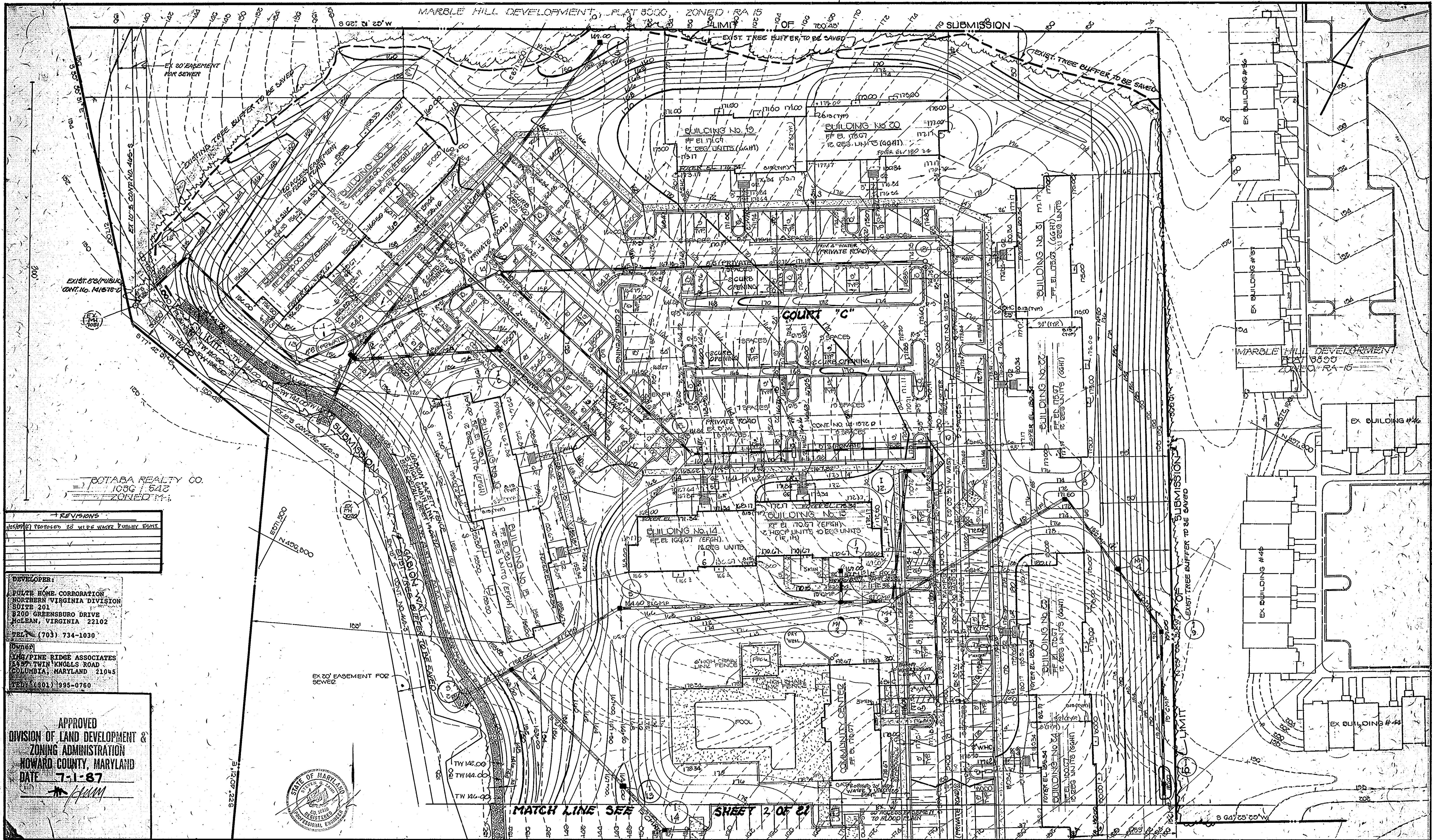
SITE DEVELOPMENT PLAN
PINE RIDGE
 TAX MAP 37- PARCEL A, B, C
 1ST. ELECTION DISTRICT HOWARD CO. MD.

SCALE 1"=30'

FEBRUARY 20, 1987

SHEET 2 OF 21

S.D.P. 87-166



BOTABA REALTY CO.
 1036 / 542
 ZONED RA-15

REVISIONS

1/15/87	2) Revision to water & sewer E&M.
---------	-----------------------------------

DEVELOPER:
 PULTE HOME CORPORATION
 NORTHERN VIRGINIA DIVISION
 SUITE 201
 2200 GREENSBORO DRIVE
 McLEAN, VIRGINIA 22102
 TEL: (703) 734-1030

OWNER:
 PINE RIDGE ASSOCIATES
 1577 TWIN KNOLLS ROAD
 COLUMBIA, MARYLAND 21045
 TEL: (301) 995-0760

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 7-1-87



Dewberry & Davis
 ARCHITECTS, ENGINEERS, PLANNERS, SURVEYORS
 3300 N. Ridge Road
 Suite 100
 Ellicott City, Maryland
 21043
 (301) 461-7478 BALTIMORE
 (301) 621-4970 WASHINGTON

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 REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 SIGNATURE OF ENGINEER: *Steven G. Hines*
 DATE: 9/13/87

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 NATURAL RESOURCES 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 OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."
 SIGNATURE OF DEVELOPER: *Robert E. Morgan*
 DATE: 4/19/87

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
 SIGNATURE: *James McVey*
 DATE: 7-6-87
 U.S. SOIL CONSERVATION SERVICE
 THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 APPROVED: *Stephen L. Fisher*
 DATE: 9/16/87
 DISTRICT: HOWARD SOIL CONSERVATION DISTRICT

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.
 SIGNATURE: *James H. Shaw*
 DATE: 9/16/87
 DIRECTOR, PUBLIC WORKS
 APPROVED: *William J. Reilly*
 DATE: 9-16-87
 CHIEF, BUREAU OF ENGINEERING
 APPROVED: *Gregory J. ...*
 DATE: 9-16-87
 HEALTH OFFICER

APPROVED: OFFICE OF PLANNING AND ZONING
 SIGNATURE: *...*
 DATE: 7-18-87
 PLANNING DIRECTOR
 SIGNATURE: *...*
 DATE: 9-17-87
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
 SUBDIVISION NAME: PINE RIDGE
 SECTION/AREA: NA
 PARCEL NUMBER: 8010
 PLAT NO.: 5000
 BLOCK/ZONE: 10-13 RA-15
 TAX/ZONE: 37-30
 CENSUS TR. ELEC. DIST.: 6012
 WATER CODE: 902
 SEWER CODE: 2152200

SITE DEVELOPMENT PLAN
PINE RIDGE
 TAX MAP 37 PARCEL A,B,C
 1ST. ELECTION DISTRICT HOWARD CO. MD.
 SCALE: 1" = 30'
 FEBRUARY 20, 1987
 SHEET 3 OF 21

SEE SHEET OF 21 FOR ADDITIONAL DRAINAGE AREA

TREE#	SCHOOL	BIOLOGICAL NAME	DATE
A.		ACER RUBRUM	OCTOBER RED MAPLE 8-10
B.		FIRUS STROBUS	WHITE PINE 8-9
C.		QUERCUS PRINCEPS	WHITE OAK 8-10
D.		QUERCUS ALLENIANA	WHITE OAK 8-10
E.		FRAXINUS BENTHAMIANA	BRADPORE PEAR 8-10
F.		QUERCUS PRINCEPS	WHITE OAK 8-10
G.		QUERCUS PRINCEPS	WHITE OAK 8-10
H.		QUERCUS PRINCEPS	WHITE OAK 8-10
I.		QUERCUS PRINCEPS	WHITE OAK 8-10
J.		QUERCUS PRINCEPS	WHITE OAK 8-10

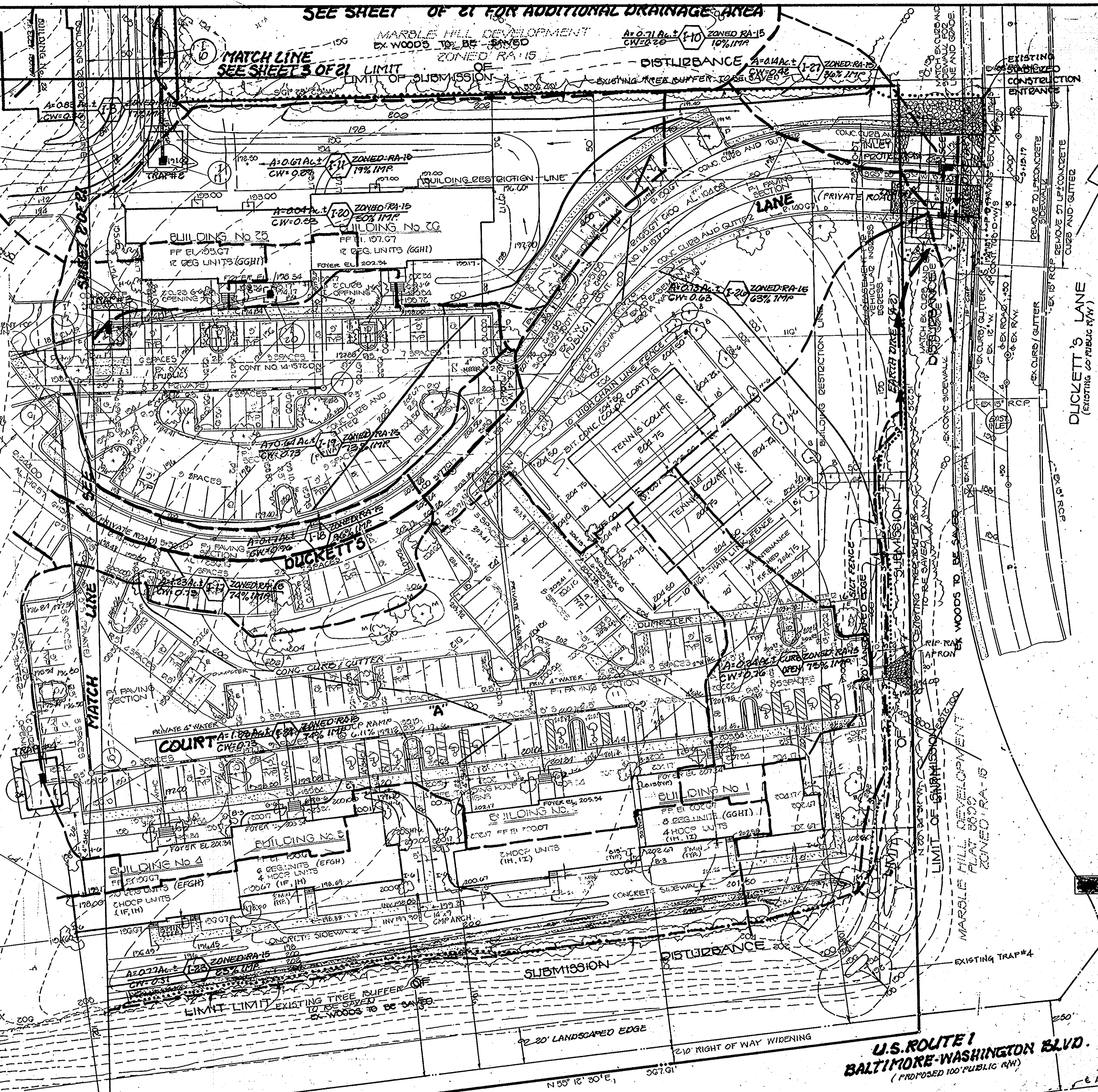
DESIGN DATA TRAP NO. 2
 DRAINAGE AREA: 0.67 AC.
 STORM INLET SEDIMENT TRAP
 VOLUME REQUIRED: 1206 CU. FT.
 VOLUME PROVIDED: 1265 CU. FT.
 BOTTOM DIMENSIONS: 20' X 20'
 TRAP DEPTH: 2.5'
 SIDE SLOPES: 1:1
 BOTTOM EL: 188.5
 CLEANOUT EL: 189.75

DESIGN DATA TRAP #3
 DRAINAGE AREA: 0.804 AC.
 STORM INLET SEDIMENT TRAP
 VOLUME REQUIRED: 1145 C.F.
 VOLUME PROVIDED: 1470 C.F.
 BOTTOM DIMENSIONS: 17' X 17'
 TRAP DEPTH: 3.5'
 SIDE SLOPES: 1:1
 BOTTOM EL: 187.50
 CLEANOUT EL: 189.25

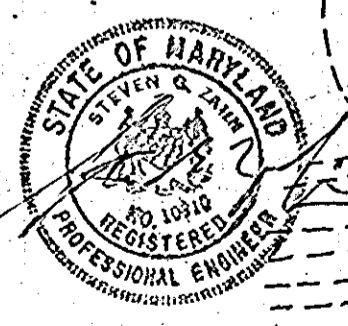
DESIGN DATA TRAP NO. 1
 DRAINAGE AREA: 0.644 AC.
 STORM INLET SEDIMENT TRAP
 VOLUME REQUIRED: 1159 CU. FT.
 VOLUME PROVIDED: 1200 CU. FT.
 BOTTOM DIMENSIONS: 17' X 17'
 TRAP DEPTH: 3.0'
 SIDE SLOPES: 1:1
 BOTTOM EL:
 CLEANOUT EL:

- CONSTRUCTION SEQUENCE**
- OBTAIN GRADING TERMS.
 - CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE AS SHOWN ON PLAN.
 - EXCAVATE TEMPORARY SEDIMENT TRAPS TO REQUIRED DIMENSIONS AS SHOWN ON PLAN. USE EXCAVATED MATERIAL TO CONSTRUCT EARTH DIKES, STABILIZE WITH TEMPORARY SEEDING MIXTURE AND STRAW MULCH.
 - CONSTRUCT EARTH DIKE & TEMPORARY SHALE ALONG NORTHWEST PROPERTY LINE. STABILIZE EARTH DIKE & TEMPORARY SHALE AND CUT SLOPE ABOVE WITH TEMPORARY SEEDING MIXTURE AND STRAW MULCH.
 - CLEAR AND GRUB SITE AND BEGIN GRADING. PLACE EXCESS TOPSOIL IN STOCKPILE AREA.
 - AS MASS GRADING OF SITE CONTINUES, BEGIN CONSTRUCTION OF GABION WALL. ESTABLISH CONSTRUCTION SETBACK LINE APPROXIMATELY 60' MINIMUM FROM REAR FACE OF GABION WALL TO ENSURE STRUCTURAL INTEGRITY. ALSO ESTABLISH A 10' MINIMUM CONSTRUCTION OPERATOR ZONE DIRECTLY BEHIND THE GABION WALL WITH A 2:1 (MAXIMUM) SLOPE TO THE 60' CONSTRUCTION SETBACK LINE. INSTALL SILT FENCE AT TOP OF GABION WALL.
 - THE GABION WALL IS TO BE PLACED ALLOWING A 15 FOOT WIDE MINIMUM OPENING AT THE OUTLET AREAS FOR EXISTING TRAPS #1 & #2.
 - PROPER DEWATERING AND CONTROLLED FILLING OF TRAPS 1 AND 2 MAY BE DONE AS DIRECTED BY THE SEDIMENT CONTROL INSPECTOR.
 - ONES AND OPENING ALONG THE WALL MUST HAVE OBJECT RUNOFF TO THE TRAPS.
 - AS CONSTRUCTION OF THE GABION WALL AND MASS GRADING CONTINUES, THE TRAP WILL BE RAISED IN ELEVATION AS WALL IS CONSTRUCTED TO MAINTAIN PROPER 10' SETBACK AND EROSION CONTROL. THE CONTRACTOR SHOULD MAINTAIN AS EXCAVATED AREA THE EXACT DIMENSIONS OF SEDIMENT TRAPS 1 AND 2 BEHIND THE GABION WALL AS GRADING BUILDS UP BEHIND THE WALL.
 - SEDIMENT SHALL BE REMOVED FROM THE SEDIMENT TRAPS WHEN THE CLEANOUT ELEVATION HAS BEEN REACHED.
 - THE CONTRACTOR SHALL INSPECT AND REMOVE NECESSARY MAINTENANCE ON THE SEDIMENT AND GABION CONTROL STRUCTURES SHOWN HEREON, AFTER EACH RAINFALL AND ON A DAILY BASIS.
 - THE SEDIMENT TRAPS SHALL BE DEWATERED BY PLACING THE SEDIMENT FROM THE TRAPS SHALL BE PLACED UP-GRADE FROM THE SEDIMENT TRAPS IN SUCH A MANNER AS NOT TO INTERFERE WITH CONSTRUCTION OPERATIONS OR CAUSE EROSION DOWNGRAD FROM THE SEDIMENT TRAPS.
 - REMOVE SEDIMENT FROM ROADWAYS AND DRESS STONE CONSTRUCTION ENTRANCE AS REQUIRED.
 - UPON COMPLETION OF GABION WALL CONSTRUCTION AND MASS GRADING OPERATION STABILIZE ALL DISTURBED AREAS WITH PERMANENT SEEDING MIXTURE AND STRAW MULCH.
 - AFTER PERMISSION HAS BEEN GIVEN BY THE SEDIMENT CONTROL INSPECTOR, REMOVE ALL SEDIMENT CONTROL FEATURES.
 - ALL DISTURBED AREAS DUE TO REMOVAL OF SEDIMENT CONTROL MEASURES SHALL BE GRADED AND STABILIZED WITH PERMANENT SEEDING MIXTURE.
 - CONSTRUCTION OF STRUCTURE 5-1 THROUGH 5-3 MAY ONLY BEGIN WHEN THE TRAP IS BROUGHT UP AND THE STORM DRAIN CONSTRUCTION WILL NOT REDUCE STORAGE WITH THE TRAP.

DESIGN DATA TRAP #4
 DRAINAGE AREA: 1.466 AC.
 STORM INLET SEDIMENT TRAP
 VOLUME REQUIRED: 2500 C.F.
 VOLUME PROVIDED: 2990 C.F.
 BOTTOM DIMENSIONS: 20' X 20'
 TRAP DEPTH: 3.5'
 SIDE SLOPES: 1:1
 BOTTOM EL: 191.34
 CLEANOUT EL: 193.09



APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE: 7-1-87
 [Signature]



CRITICAL AREA STABILIZATION ON 2:1 SLOPE
 CROWN/VEGETATION (MULCH) OR APPROX. EQUAL

Owner:
 ING/PINE RIDGE ASSOCIATES
 5457 TWIN KNOLLS ROAD
 COLUMBIA, MARYLAND 21045
 TEL: (301) 995-0760

DEVELOPER:
 PULTE HOME CORPORATION
 NORTHERN VIRGINIA DIVISION
 SUITE 201
 8200 GREENSBORO DRIVE
 MCLEAN, VIRGINIA 22102
 TEL: (703) 734-1030

Dewberry & Davis
 ARCHITECTS ENGINEERS PLANNERS SURVEYORS
 3300 N. Ridge Road
 Suite 100
 Ellicott City, Maryland
 21043
 (301) 461-7478 BALTIMORE
 (301) 471-4970 WASHINGTON

DEVELOPER'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 REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 [Signature] DATE: 7/1/87

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 NATURAL RESOURCES 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 OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.
 [Signature] DATE: 7/1/87

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
 [Signature] DATE: 9-10-87
 [Signature] DATE: 9/10/87
 [Signature] DATE: 9/10/87

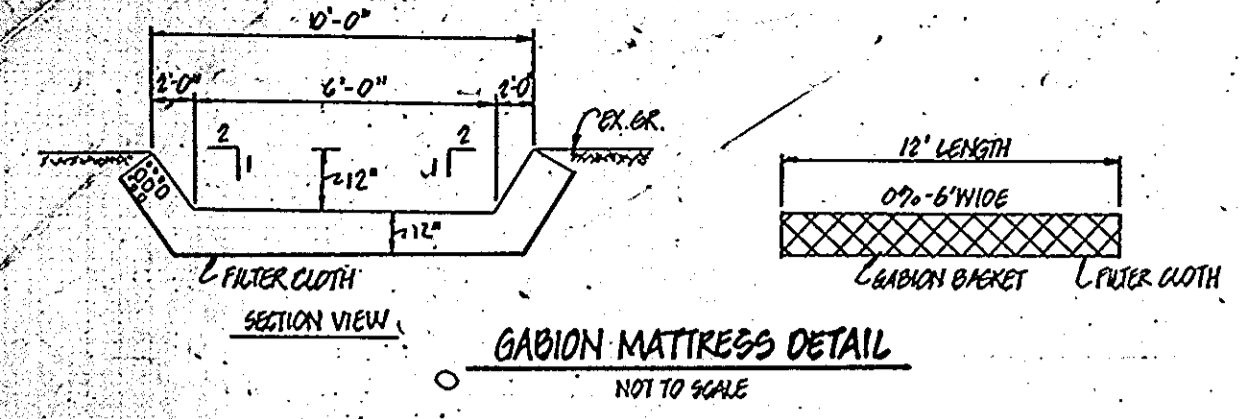
APPROVED: DEPARTMENT OF PUBLIC WORKS
 FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.
 [Signature] DATE: 9/10/87
 [Signature] DATE: 9/10/87

APPROVED: OFFICE OF PLANNING AND ZONING
 PLANNING DIRECTOR [Signature] DATE: 9-18-87
 CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION [Signature] DATE: 9-17-87

SEDIMENT CONTROL LANDSCAPE PLAN & DRAINAGE AREA MAP
PINE RIDGE
 TAX MAP 37 PARCEL A, B, C
 1ST. ELECTION DISTRICT HOWARD CO. MD.
 SCALE: 1" = 30'
 SHEET 4 OF 2
 FEBRUARY 20, 1997

SDP 87-100

- DESIGN DATA
SEDIMENT TRAP #5
1. DRAINAGE AREA TO TRAP: 3,999 AC.
 2. TYPE OF TRAP: STORM INLET SEDIMENT TRAP
 3. VOLUME OF STORAGE REQUIRED: 3600 CU. FT.
 4. VOLUME OF STORAGE PROVIDED: 3600 CU. FT.
 5. TRAP SIZE (BOTTOM DIMENSIONS): 27' X 3'
 6. TRAP DEPTH: 7'0"
 7. SIDE SLOPE: 1:1
 8. BOTTOM ELEVATION: 163.20
 9. CLEANOUT ELE.: 168.50

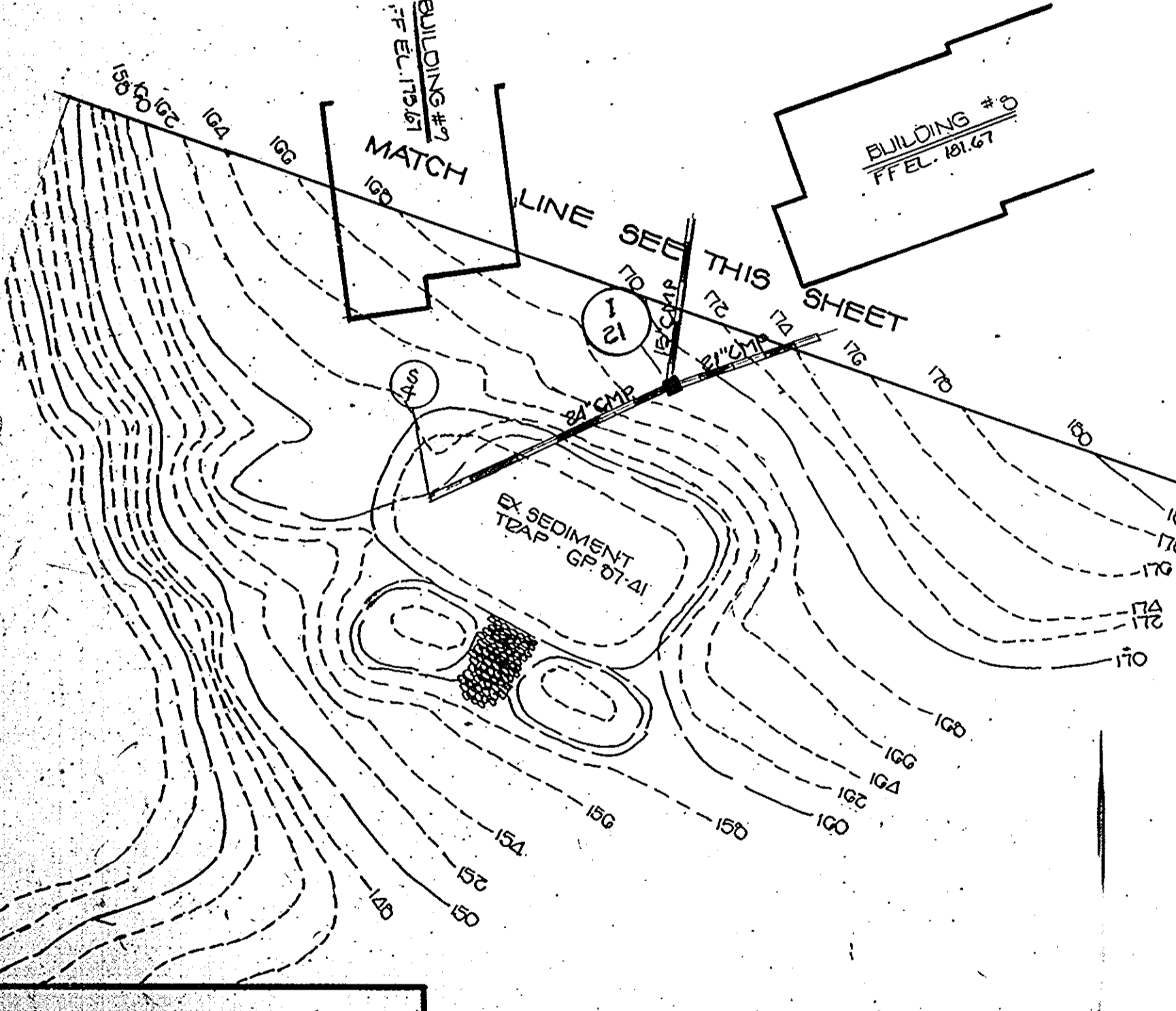


GABIONS GABIONS SHALL BE MADE OF HEXAGONAL TRIPLE TWIST MESH WITH HEAVILY GALVANIZED STEEL WIRE. THE MAXIMUM LINEAR DIMENSION OF THE MESH OPENING SHALL NOT EXCEED 4 1/2 INCHES AND THE AREA OF THE MESH OPENING SHALL NOT EXCEED 10 SQUARE INCHES.

GABIONS SHALL BE FABRICATED IN SUCH A MANNER THAT THE SIDES, ENDS, AND JOINTS CAN BE ASSEMBLED AT THE CONSTRUCTION SITE INTO A RECTANGULAR BASKET OF THE REQUIRED SIZE. GABIONS SHALL BE OF SINGLE UNIT CONSTRUCTION AND SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

THE AREA ON WHICH THE GABION IS TO BE INSTALLED SHALL BE GRADED AS SHOWN ON THE DRAWINGS. FOUNDATION CONDITIONS SHALL BE THE SAME AS FOR PLACING ROAD AND RIPRAP AND FILTER CLOTH SHALL BE PLACED UNDER ALL GABIONS, WHERE REQUIRED, AKEY MAY BE NEEDED TO PREVENT UNDERMINING OF THE MAIN GABION STRUCTURE.

BOTANICAL REALTY
1936 / 544
ZONING P-4



APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 7-1-87

DEVELOPER:
PULTE HOME CORPORATION
NORTHERN VIRGINIA DIVISION
SUITE 201
8200 GREENSBORO DRIVE
MCLEAN, VIRGINIA 22102

TEL: (703) 734-1030
Owner:

INC/PINE RIDGE ASSOCIATES
5457 TWIN KNOLLS ROAD
COLUMBIA, MARYLAND 21045
TEL: (301) 995-0760



Dewberry & Davis
ARCHITECTS ENGINEERS PLANNERS SURVEYORS

3300 N. Ridge Road
Suite 100
Ellicott City, Maryland
21043

(301) 461-7478 BALTIMORE
(301) 621-4970 WASHINGTON

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 SOIL CONSERVATION DISTRICT.

STEVEN C. SMITH
PROFESSIONAL ENGINEER
STATE OF MARYLAND
LICENSE NO. 10100

SIGNATURE OF ENGINEER DATE 8/18/87

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 NATURAL RESOURCES 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 OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

CHRISTOPHER MORGAN
SIGNATURE OF DEVELOPER DATE 7/19/87

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

JAMES M. DEW
U.S. SOIL CONSERVATION SERVICE DATE 7-10-87

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

APPROVED: STEVEN C. SMITH
DATE 8/18/87
DISTRICT HOWARD SOIL CONSERVATION DISTRICT

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

JAMES M. DEW
DIRECTOR, PUBLIC WORKS DATE 8/18/87

WILLIAM S. DEW
CHIEF, BUREAU OF ENGINEERING DATE 8/14/87

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

JORGAN BOYD
HEALTH OFFICER DATE 9-16-87

APPROVED: OFFICE OF PLANNING AND ZONING

John W. Woodman
PLANNING DIRECTOR DATE 9-8-87

John W. Woodman
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE 9-17-87

SUBDIVISION NAME: PINE RIDGE
SECTION/AREA: N.A.
PLAT No.: 7301-7305
TAX/ZONING ELEC. DIST.: 10-15, 2A-C
SEWER CODE: 2152200
FEDERAL ELEC. DIST.: 51-33
CENSUS TR.: 6012

SEDIMENT CONTROL, LANDSCAPE PLAN & DRAINAGE AREA MAP

PINE RIDGE

TAX MAP 87, PARCELS A, B, C
1ST. ELECTION DISTRICT, WYOMING 82 RD

SCALE 1" = 30'

FEBRUARY 20, 1987

SHEET 5 OF 21

SDP-87-166



DESIGN DATA TRAP # 9
 DRAINAGE AREA: 2.62 AC.
 STORM INLET SEDIMENT TRAP
 VOLUME REQUIRED: 2750 Cu.Ft.
 VOLUME PROVIDED: 2750 Cu.Ft.
 BOTTOM DIMENSIONS: 20' X 36'
 TRAP DEPTH: 1.4'
 SIDE SLOPES: 1:1
 W/IR SLOPES: 1:1
 HIGH CREST ELEV: 1141.0'
 TOP EMBANKMENT ELEV: 1142.0'
 BOTTOM ELEV: 1070.0'
 CLEAROUT ELEV: 1090.0'

DESIGN DATA TRAP # 10
 DRAINAGE AREA: 0.81 AC.
 STORM INLET SEDIMENT TRAP
 VOLUME REQUIRED: 1450 Cu.Ft.
 VOLUME PROVIDED: 1450 Cu.Ft.
 BOTTOM DIMENSIONS: 20' X 20'
 TRAP DEPTH: 2.5'
 SIDE SLOPES: 1:1
 BOTTOM ELEV: 150.25'
 CLEAROUT ELEV: 152.00'

DESIGN DATA TRAP # 11
 DRAINAGE AREA: 1.04 AC.
 STORM INLET SEDIMENT TRAP
 VOLUME REQUIRED: 2290 Cu.Ft.
 VOLUME PROVIDED: 4110 Cu.Ft.
 BOTTOM DIMENSIONS: 20' X 20'
 TRAP DEPTH: 3.0'
 SIDE SLOPES: 1:1
 BOTTOM ELEV: 152.73'
 CLEAROUT ELEV: 154.25'

DESIGN DATA TRAP # 12
 DRAINAGE AREA: 1.68 AC.
 STORM INLET SEDIMENT TRAP
 VOLUME REQUIRED: 3004 Cu.Ft.
 VOLUME PROVIDED: 3360 Cu.Ft.
 BOTTOM DIMENSIONS: 20' X 20'
 TRAP DEPTH: 3.0'
 SIDE SLOPES: 1:1
 BOTTOM ELEV: 149.65'
 CLEAROUT ELEV: 151.17'

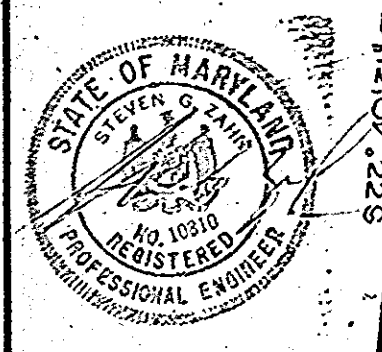
NOTE: TRAP #6 WILL BE DEWATERED BY A PUMP.

DESIGN DATA TRAP NO. 6
 DRAINAGE AREA: 0.70 AC.
 STORM INLET SEDIMENT TRAP
 VOLUME REQUIRED: 1260 Cu.Ft.
 VOLUME PROVIDED: 1260 Cu.Ft.
 BOTTOM DIMENSIONS: 17' X 18'
 TRAP DEPTH: 3.0'
 SIDE SLOPES: 1:1
 BOTTOM ELEV: 148.0'
 CLEAROUT ELEV: 149.5'

DESIGN DATA TRAP NO. 8
 DRAINAGE AREA: 0.75 AC.
 STORM INLET SEDIMENT TRAP
 VOLUME REQUIRED: 1674 Cu.Ft.
 VOLUME PROVIDED: 1720 Cu.Ft.
 BOTTOM DIMENSIONS: 21' X 21'
 TRAP DEPTH: 3.0'
 SIDE SLOPES: 1:1
 BOTTOM ELEV: 162.0'
 CLEAROUT ELEV: 167.5'

DESIGN DATA TRAP NO. 7
 DRAINAGE AREA: 0.71 AC.
 STORM INLET SEDIMENT TRAP
 VOLUME REQUIRED: 1278 Cu.Ft.
 VOLUME PROVIDED: 1293 Cu.Ft.
 BOTTOM DIMENSIONS: 20' X 20.5'
 TRAP DEPTH: 2.5'
 SIDE SLOPES: 1:1
 BOTTOM ELEV: 186.5'
 CLEAROUT ELEV: 187.75'

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 7-1-87
 [Signature]



Dewberry & Davis
 ARCHITECTS ENGINEERS PLANNERS SURVEYORS
 3300 N. Ridge Road
 Suite 100
 Ellicott City, Maryland
 21043
 (301) 461-7478 BALTIMORE
 (301) 621-4970 WASHINGTON

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 REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 [Signature]
 SIGNATURE OF ENGINEER
 DATE 8/13/87

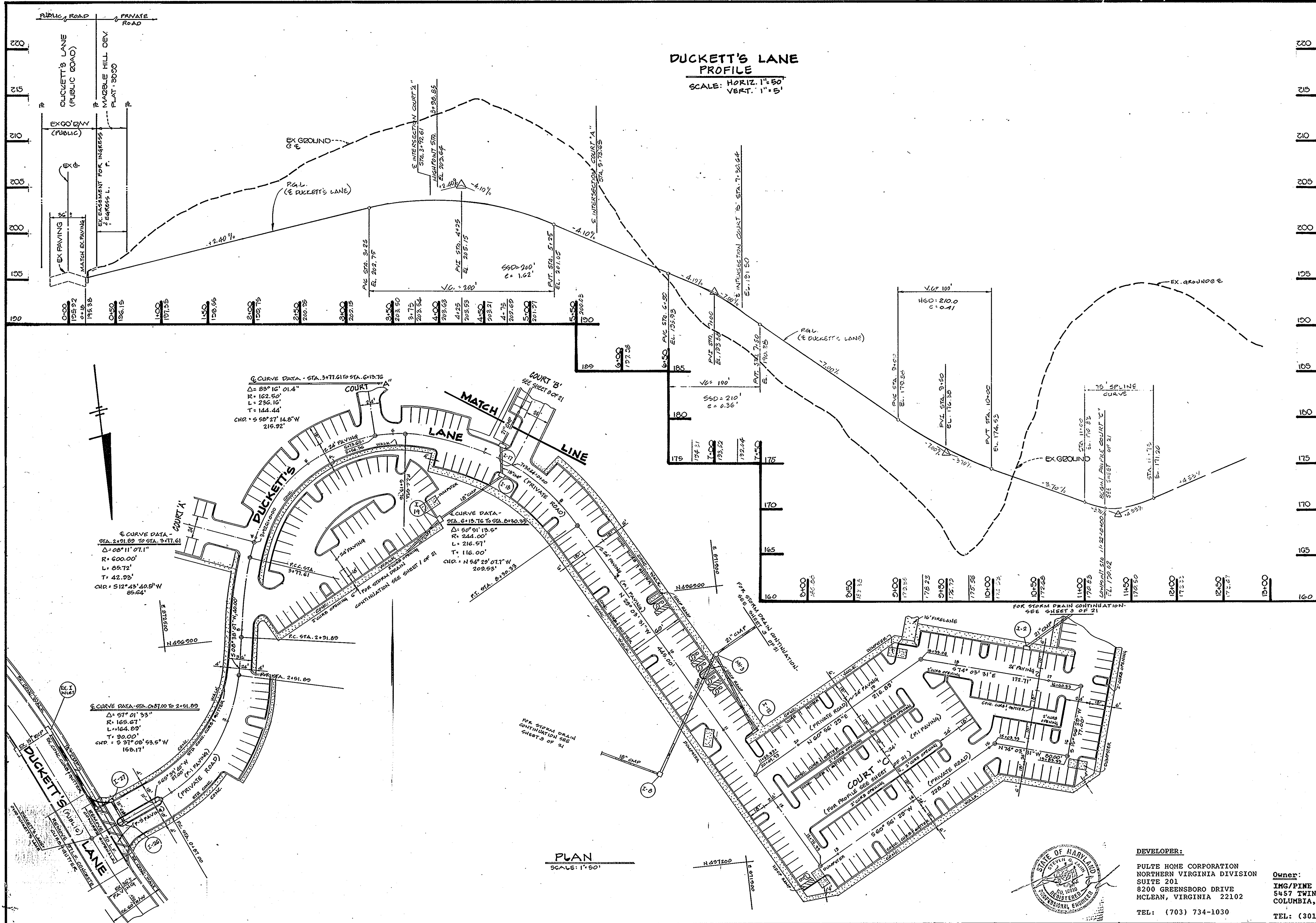
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 [Signature]
 SIGNATURE OF DEVELOPER
 DATE 2/19/87

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
 [Signature]
 SOIL CONSERVATION SERVICE
 DATE 9-10-87
 THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 [Signature]
 DISTRICT
 HOWARD SOIL CONSERVATION DISTRICT
 DATE 9/10/87

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.
 [Signature]
 DIRECTOR, PUBLIC WORKS
 DATE 9/16/87
 APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS.
 [Signature]
 HEALTH OFFICER
 DATE 9/16/87

APPROVED: OFFICE OF PLANNING AND ZONING
 [Signature]
 PLANNING DIRECTOR
 DATE 9-11-87
 [Signature]
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
 DATE 9-17-87
 SUBDIVISION NAME: PINE RIDGE
 SECTION/AREA: NA
 PARCEL NUMBER: 0,080
 TAX MAP NO.: 37
 BLOCK NO.: 7285
 ZONE: 1013
 TAX/ZONE CENSUS TR. ELEC. DIST.: 37-26 6012
 WATER CODE: 002
 SEWER CODE: 2152200

SEDIMENT CONTROL, LANDSCAPE PLAN & DRAINAGE AREA MAP
PINE RIDGE
 TAX MAP 37 PARCEL A,B,C
 1ST. ELECTION DISTRICT HOWARD
 SCALE: 1" = 30'
 FEBRUARY 20, 1987
 SHEET 6 OF 21
 S.D.P. 87-100



APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 7-1-87

DEVELOPER:
 PULTE HOME CORPORATION
 NORTHERN VIRGINIA DIVISION
 SUITE 201
 8200 GREENSBORO DRIVE
 MCLEAN, VIRGINIA 22102
 TEL: (703) 734-1030

Owner:
 IMG/PINE RIDGE ASSOCIATES
 5457 TWIN KNOLLS ROAD
 COLUMBIA, MARYLAND 21045
 TEL: (301) 995-0760



Dewberry & Davis
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 Ellicott City, Maryland
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 (301) 621-4970 WASHINGTON

ENGINEER'S CERTIFICATE

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Signature of Engineer: *[Signature]* DATE: 8/18/87

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 NATURAL RESOURCES 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 OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

Signature of Developer: *[Signature]* DATE: 2/10/87

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

Signature: *[Signature]* DATE: 9-10-87

U.S. SOIL CONSERVATION SERVICE

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

Signature: *[Signature]* DATE: 9/16/87

HOWARD SOIL CONSERVATION DISTRICT

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

Signature: *[Signature]* DATE: 9/14/87

DIRECTOR, PUBLIC WORKS

Signature: *[Signature]* DATE: 9-14-87

CHIEF, BUREAU OF ENGINEERING

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

Signature: *[Signature]* DATE: 9-16-87

HEALTH OFFICER

APPROVED: OFFICE OF PLANNING AND ZONING

Signature: *[Signature]* DATE: 9-15-87

PLANNING DIRECTOR

Signature: *[Signature]* DATE: 9-17-87

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

SUBDIVISION NAME: PINE RIDGE
 SECTION/AREA: NA
 PARCEL NUMBER: A,B,C,C

PLAT NO.: 7901-7905
 BLOCK NO.: 18 & 19
 ZONE: PA-15
 TAX/ZONE: 31 & 50
 ELEC. DIST.: 1ST
 CENSUS TR.: 6002

WATER CODE: A02
 SEWER CODE: 2192200

**DUCKETT'S LANE
 PLAN & PROFILE**

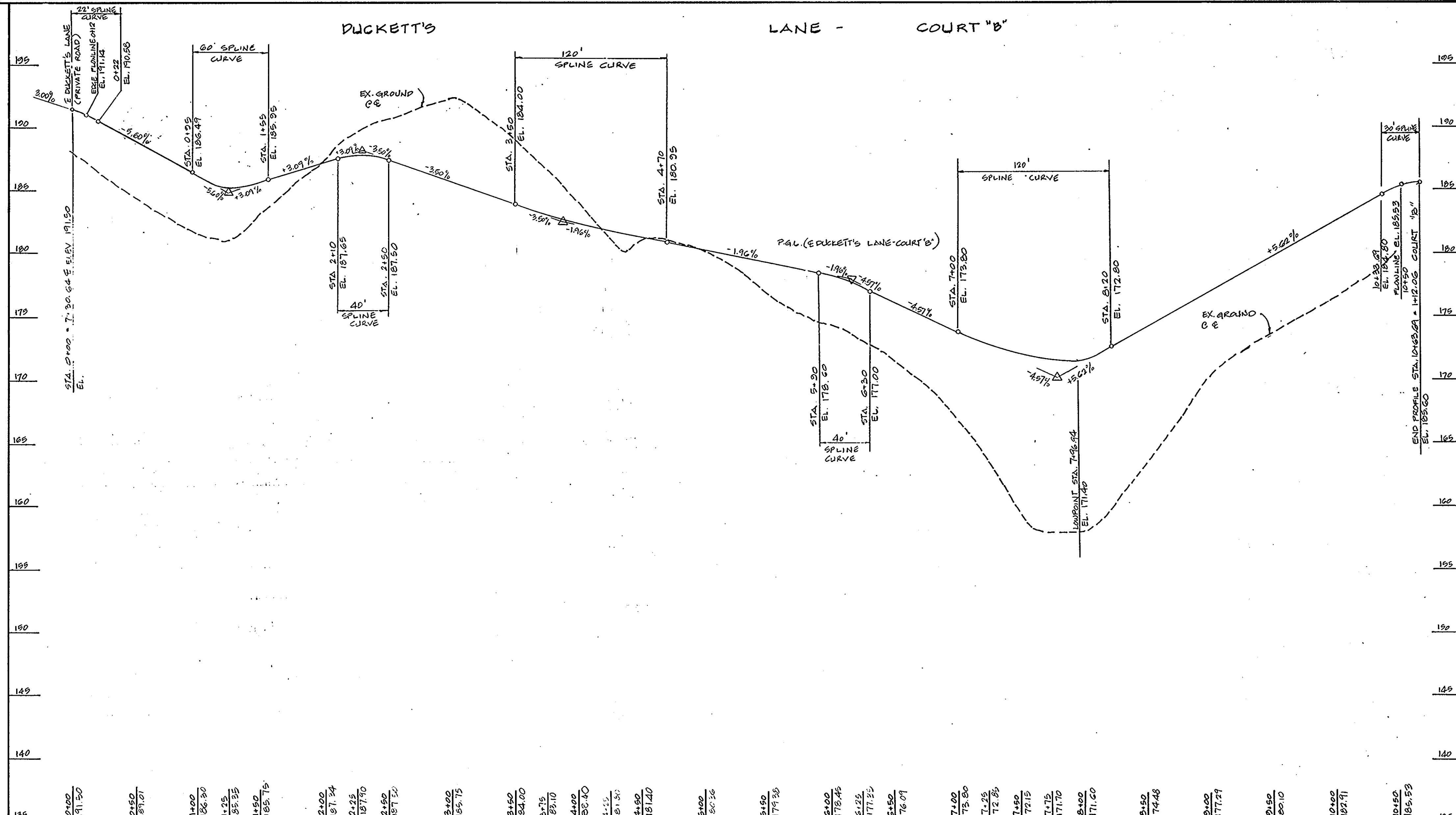
PINE RIDGE

TAX MAP 37 PARCEL A,B,C
 1ST. ELECTION DISTRICT HOWARD CO. MD.

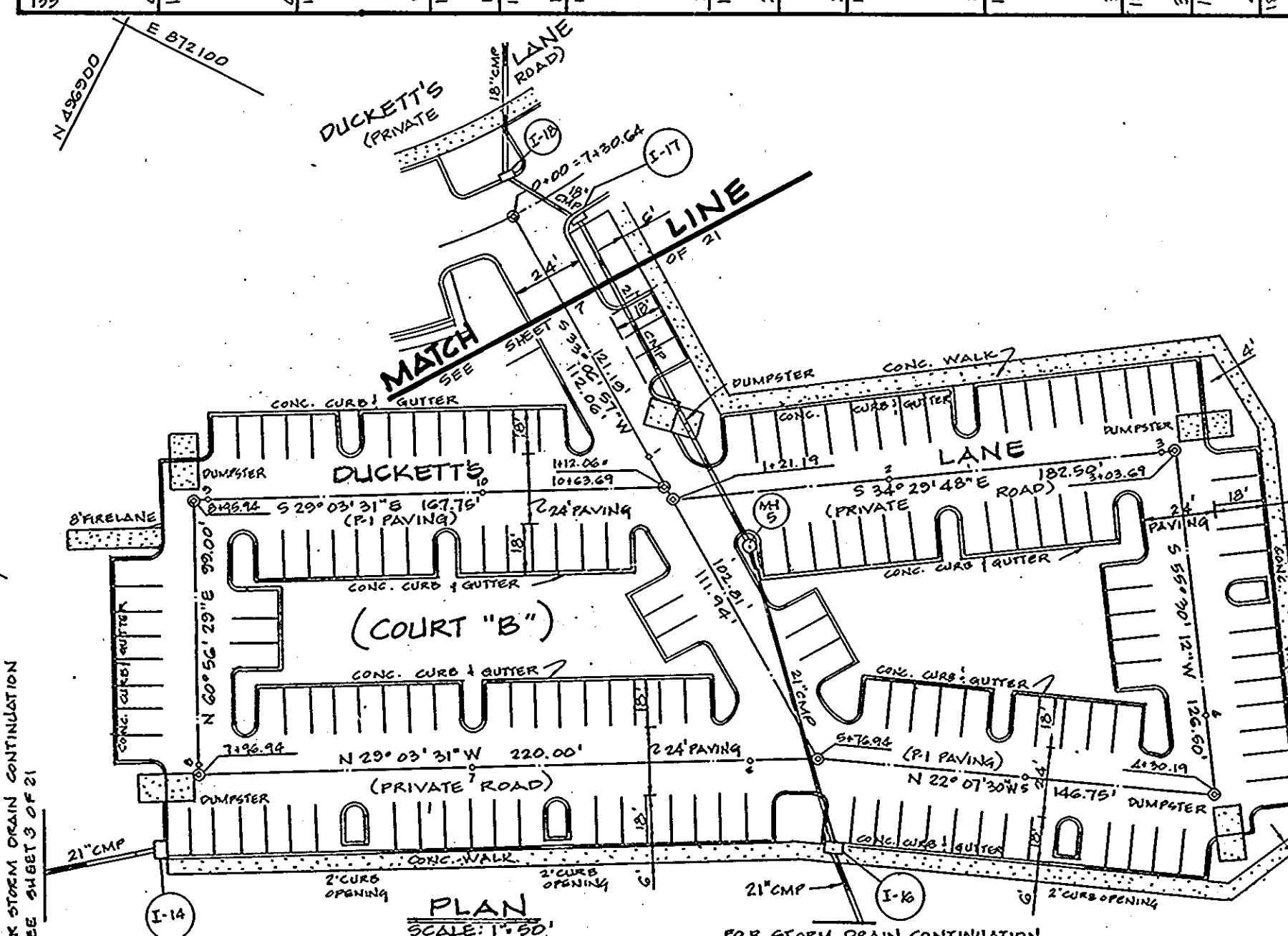
SCALE: AS SHOWN FEBRUARY 20, 1987

SHEET 7 OF 21

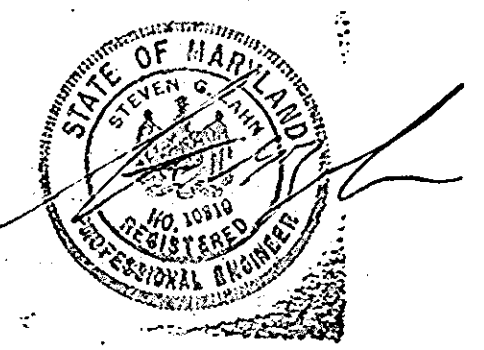
S.D.P. 87-166



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



APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE **7-1-87**



DEVELOPER:
PULTE HOME CORPORATION
NORTHERN VIRGINIA DIVISION
SUITE 201
8200 GREENSBORO DRIVE
MCLEAN, VIRGINIA 22102
TEL: (703) 734-1030

Owner:
IMG/PINE RIDGE ASSOCIATES
5457 TWIN KNOLLS ROAD
COLUMBIA, MARYLAND 21045
TEL: (301) 995-0760

Dewberry & Davis
ARCHITECTS ENGINEERS PLANNERS SURVEYORS
3300 N. Ridge Road
Suite 100
Ellicott City, Maryland
21043
(301) 461-7478 BALTIMORE
(301) 621-4970 WASHINGTON

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 REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

STATE OF MARYLAND
REGISTERED PROFESSIONAL ENGINEER
DATE: 2/10/87

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 NATURAL RESOURCES 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 OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

DATE: 2/10/87

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

DATE: 9-10-87

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

DATE: 9/10/87

APPROVED: OFFICE OF PLANNING AND ZONING
DATE: 9-18-87
PLANNING DIRECTOR

APPROVED: DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
DATE: 9-17-87
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS.
DATE: 9-16-87
HEALTH OFFICER

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.
DATE: 9/14/87
DIRECTOR, PUBLIC WORKS

CHIEF, BUREAU OF ENGINEERING

SUBDIVISION NAME PINE RIDGE	SECTION/AREA N.A.	PARCEL NUMBER A, B, & C
PLAT NO. 7201-1285	BLOCK NO. 18 & 19	ZONE RA-15
TAX/ZONE 31 & 30	ELEC. DIST. 2012	CENSUS TR.
WATER CODE A02	SEWER CODE 2192200	

DUCKETT'S LANE
PLAN & PROFILE

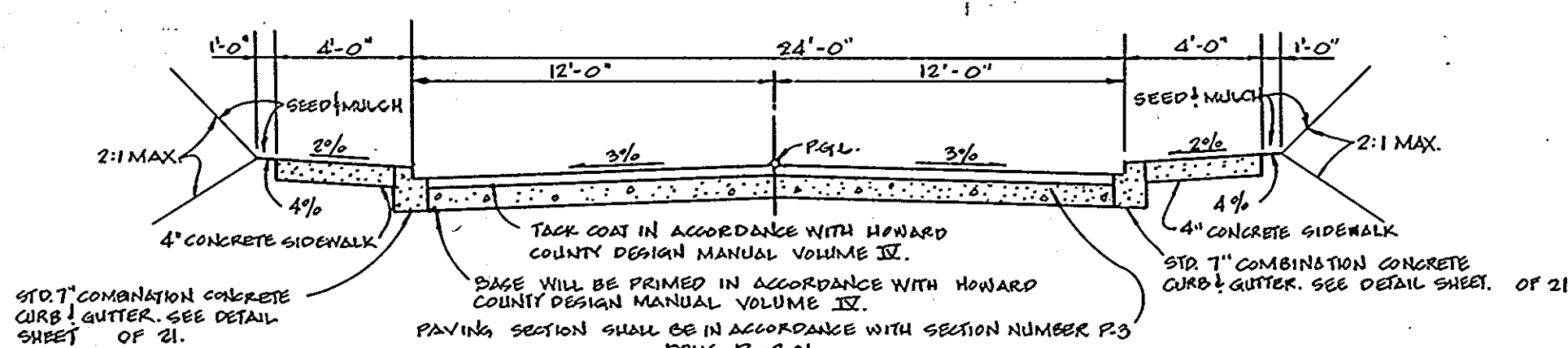
PINE RIDGE
TAX MAP 37 PARCEL A, B, C
1ST. ELECTION DISTRICT HOWARD CO. MD.

SCALE: AS SHOWN | FEBRUARY 20, 1987

SHEET 8 OF 21

DUCKETT'S LANE

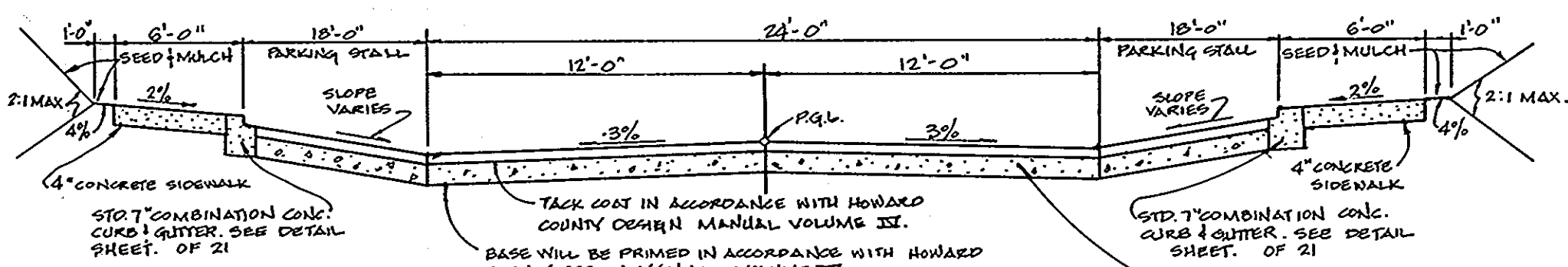
NOTE: ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH HOWARD COUNTY DESIGN MANUAL VOLUME III, STANDARD SPECIFICATION AND DETAILS FOR CONSTRUCTION.



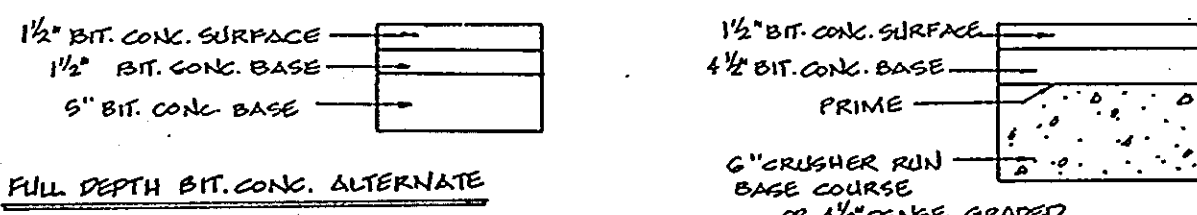
TYPICAL SECTION - STA. 0+13 TO 0+30
NOT TO SCALE

DUCKETT'S LANE

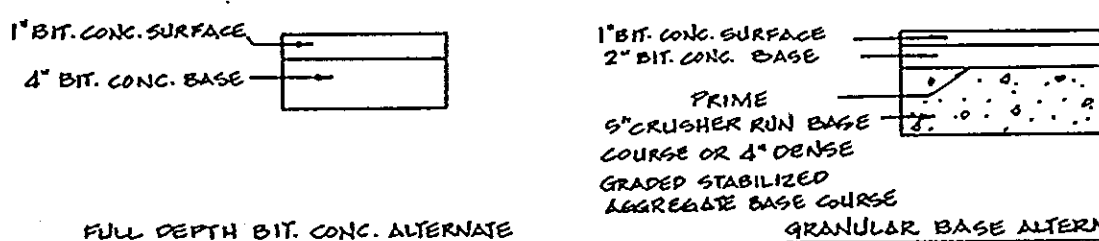
NOTE: ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH HOWARD COUNTY DESIGN MANUAL VOLUME III, STANDARD SPECIFICATION AND DETAILS FOR CONSTRUCTION.



TYPICAL SECTION FROM STA. 0+30
NOT TO SCALE



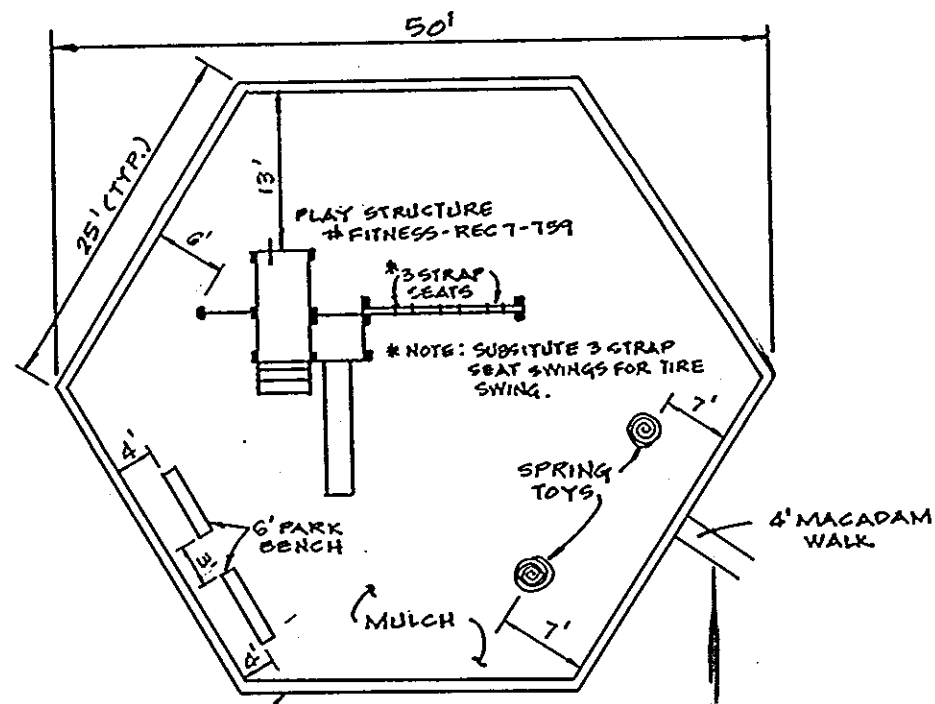
P.3 PAVING SECTION
TYPICAL PAVING SECTION STA. 0+30 TO 0+60
NOT TO SCALE



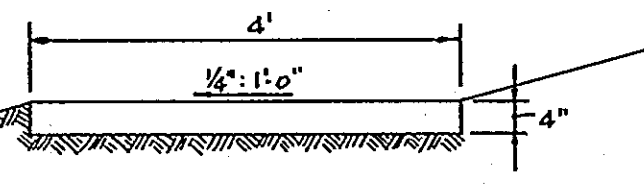
P.1 PAVING SECTION
TYPICAL PAVING SECTION FROM STA. 0+60
NOT TO SCALE

DEVELOPER:
PULTE HOME CORPORATION
NORTHERN VIRGINIA DIVISION
SUITE 201
8200 GREENSBORO DRIVE
MCLEAN, VIRGINIA 22102
TEL: (703) 734-1030

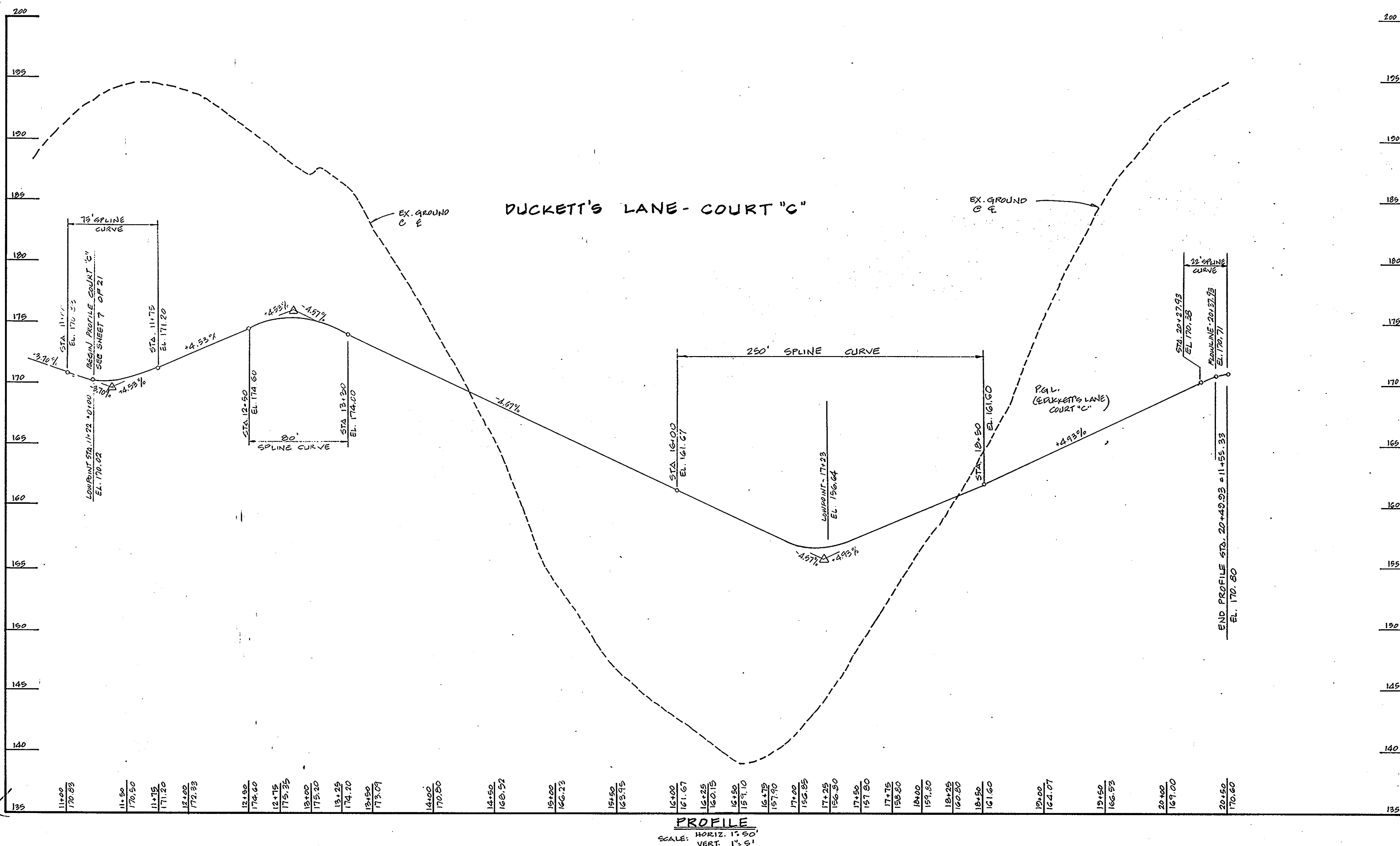
Owner:
IMG/PINE RIDGE ASSOCIATES
5457 TWIN KNOLLS ROAD
COLUMBIA, MARYLAND 21045
TEL: (301) 995-0760



- 6"x6" CCA-TREATED BORDER
- NOTE: IT IS MANDATORY THAT A FOOT RESISTANT SAFETY SURFACE TYPE MATERIAL BE PLACED UNDER BENCH OF PLAY STRUCTURE TO PREVENT ANY ACCIDENTAL FALL.
- AREA TO BE MULCHED TO 4" DEEP WITH WOOD CHIPS.
- ALL EQUIPMENT TO BE FOOTED 24" DEEP IN 18" DIAMETER CONCRETE.
- MANUFACTURER IS FITNESS-RECREATION A DIVISION OF MITCHELL INDUSTRIES INC.



TOT LOT WITH MACADAM WALKWAY
NOT TO SCALE



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

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 7-1-87

Dewberry & Davis
ARCHITECTS ENGINEERS PLANNERS SURVEYORS
3300 N. Ridge Road
Suite 100
Ellicott City, Maryland 21043
(301) 461-7478 BALTIMORE
(301) 621-4970 WASHINGTON

ENGINEER'S CERTIFICATE
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[Signature]
SIGNATURE OF ENGINEER
DATE 8/13/87

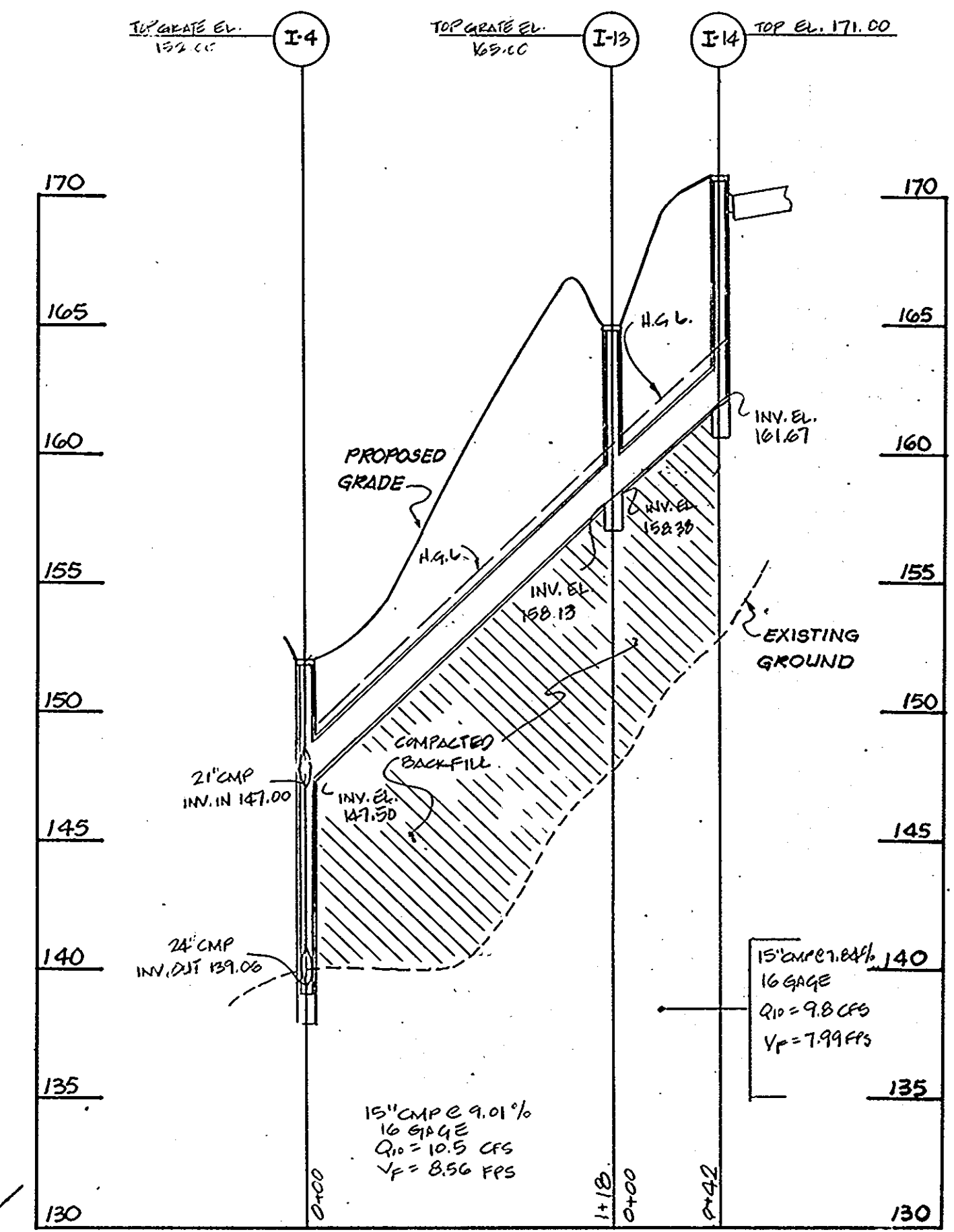
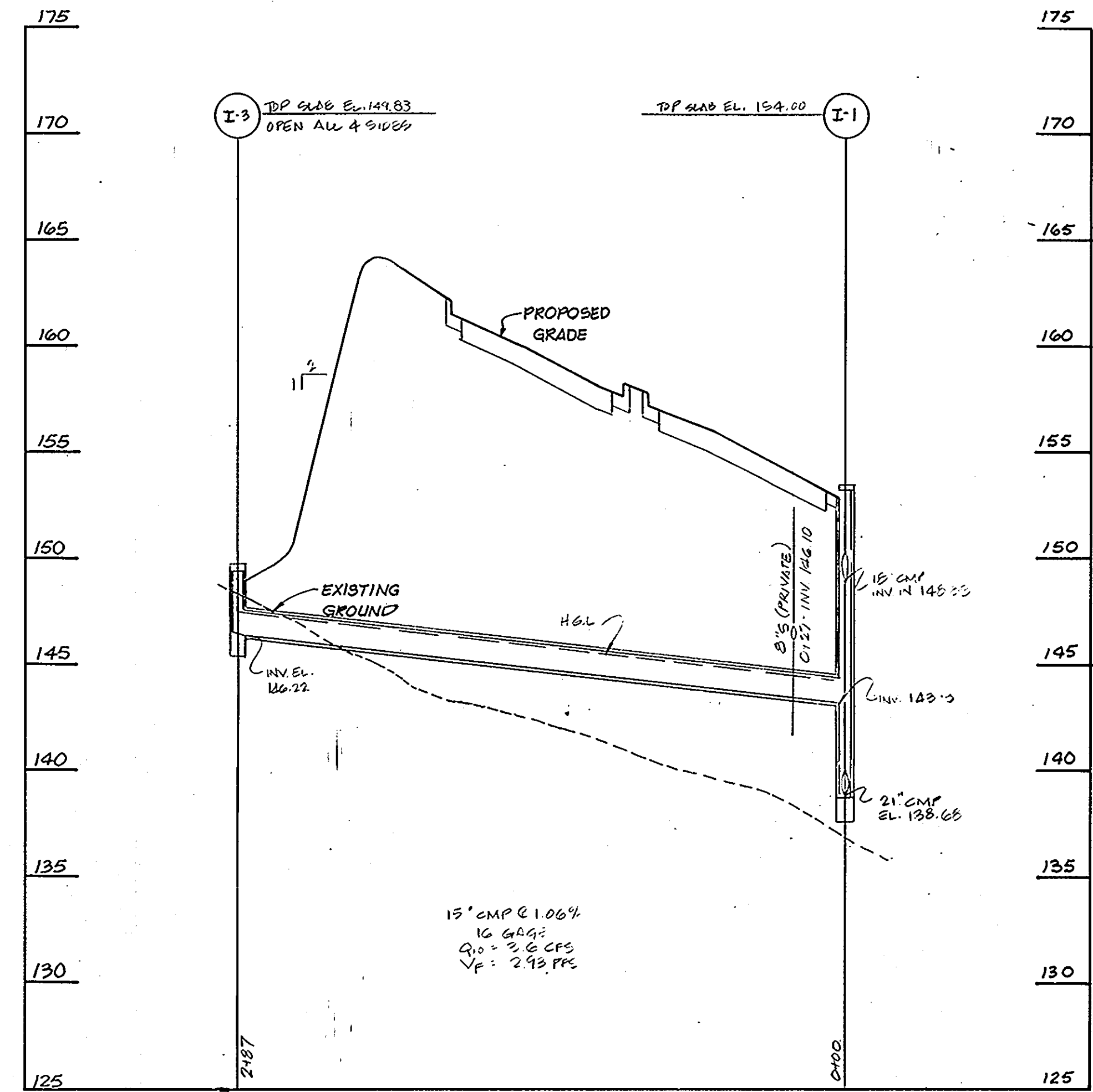
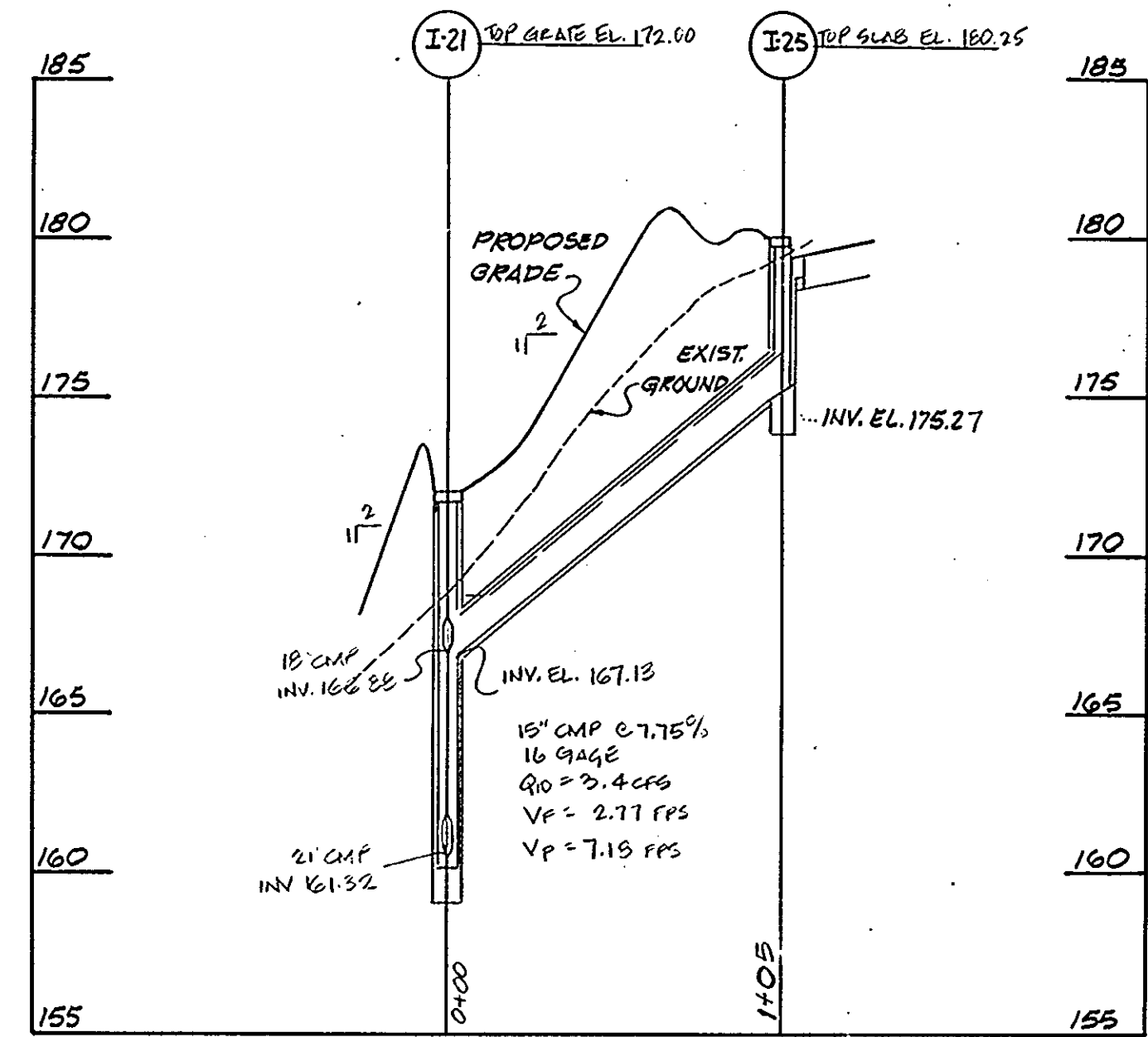
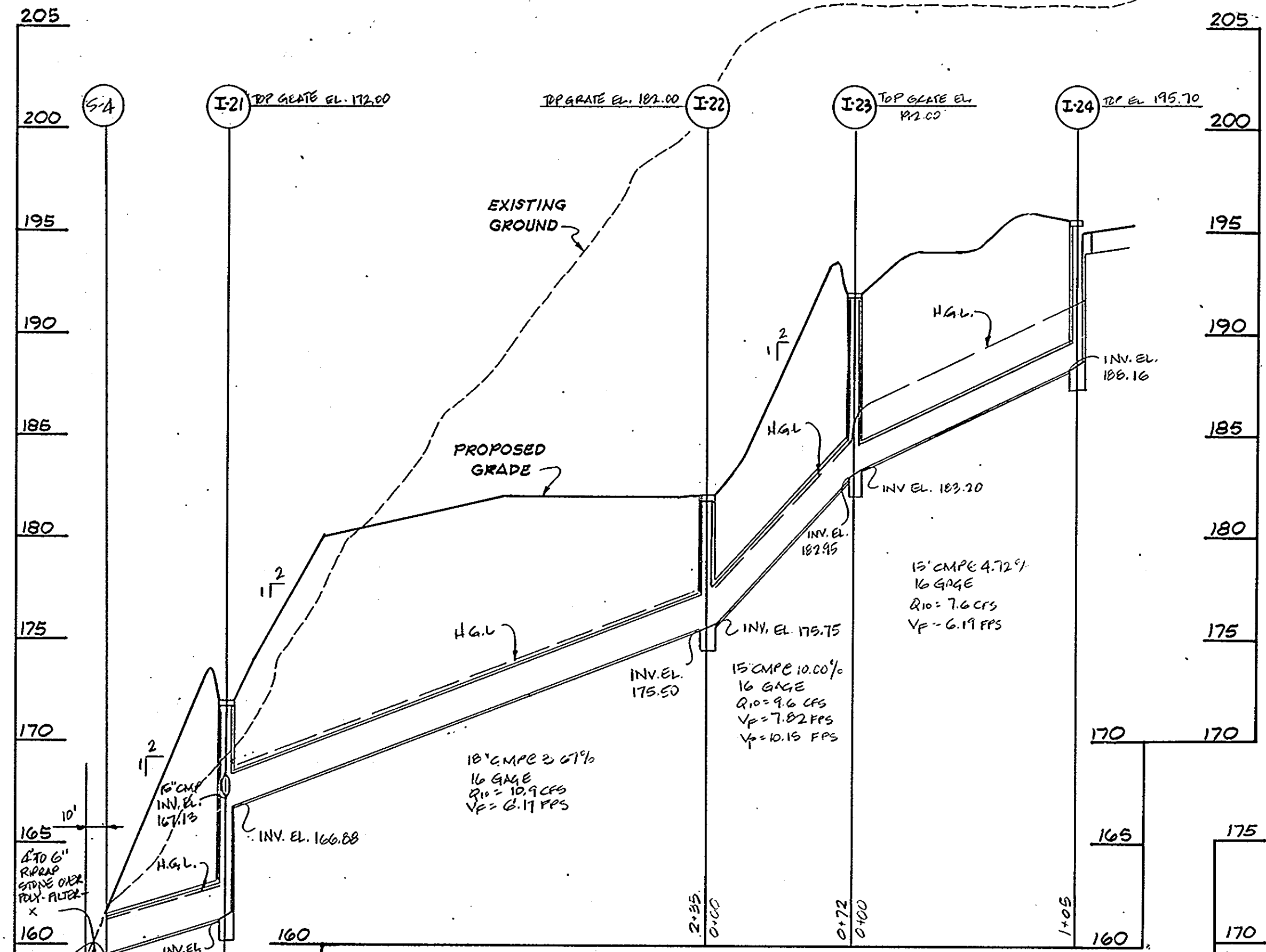
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[Signature]
SIGNATURE OF DEVELOPER
DATE 2/19/87

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
[Signature]
DATE 9-10-87
U.S. SOIL CONSERVATION SERVICE
THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
[Signature]
DATE 9/10/87
HOWARD SOIL CONSERVATION DISTRICT

APPROVED: OFFICE OF PLANNING AND ZONING
[Signature]
PLANNING DIRECTOR
DATE 9-11-87
[Signature]
DATE 9-17-87
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS.
[Signature]
DATE 9-16-87
HEALTH OFFICER

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.
[Signature]
DIRECTOR, PUBLIC WORKS
DATE 9/14/87
[Signature]
DATE 9-14-87
CHIEF, BUREAU OF ENGINEERING
SUBDIVISION NAME: PINE RIDGE
SECTION/AREA: N.A.
PARCEL NUMBER: A, B, C, C
PLAT NO.: 7301-7386
BLOCK NO.: 18 & 13
ZONE: RA-15
TAX/ZONE: 31 & 38
ELEC. DIST.: 1ST
CENSUS TR.: 6012
WATER CODE: A02
SEWER CODE: 2152100

DUCKETT'S LANE
PROFILE & DETAILS
PINE RIDGE
TAX MAP 37 PARCEL A, B, C
1ST. ELECTION DISTRICT HOWARD CO. MD.
SCALE: AS SHOWN
FEBRUARY 20, 1987
SHEET 9 OF 21



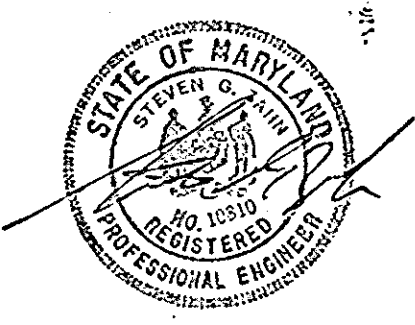
DEVELOPER:
 PULTE HOME CORPORATION
 NORTHERN VIRGINIA DIVISION
 SUITE 201
 8200 GREENSBORO DRIVE
 MCLEAN, VIRGINIA 22102
 TEL: (703) 734-1030

OWN:
 IMG/PINE RIDGE ASSOCIATES
 5457 TWIN KNOLLS ROAD
 COLUMBIA, MARYLAND 21045
 TEL: (301) 995-0760

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE **7-1-87**

NOTE: TRENCH COMPACTION DENSITY WITHIN ROAD RIGHT-OF-WAY SHALL BE 95% ACCORDING TO AASHTO T-180-A.

STORM DRAIN PROFILES
 SCALE: HORIZ. 1"=50'
 VERT. 1"=5'



Dewberry & Davis
 ARCHITECTS ENGINEERS PLANNERS SURVEYORS

3300 N. Ridge Road
 Suite 100
 Ellicott City, Maryland
 21043

(301) 461-7478 BALTIMORE
 (301) 621-4970 WASHINGTON

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 REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

James P. Shuman
 REGISTERED PROFESSIONAL ENGINEER
 STATE OF MARYLAND
 NO. 10510
 DATE: 8/18/87

DEVELOPER'S CERTIFICATE

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

Robert E. Morgan
 DATE: 2/19/87

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

James M. DeWitt
 U.S. SOIL CONSERVATION SERVICE
 DATE: 9-10-87

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

Stephen L. Harker
 HOWARD SOIL CONSERVATION DISTRICT
 DATE: 9/10/87

APPROVED: OFFICE OF PLANNING AND ZONING

Unoffin
 PLANNING DIRECTOR
 DATE: 9-15-87

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

James P. Shuman
 DIRECTOR, PUBLIC WORKS
 DATE: 9-14-87

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

James Byrum
 HEALTH OFFICER
 DATE: 9-16-87

SUBDIVISION NAME PINE RIDGE		SECTION/AREA N.A.	PARCEL NUMBER A,B,C
PLAT NO. 1981-1985	BLOCK NO. 18 & 13	ZONE RA-15	TAX/ZONE 37 & 38
ELEG. DIST. 1ST		CENSUS TR. 6012	WATER CODE A02
SEWER CODE 2152200			

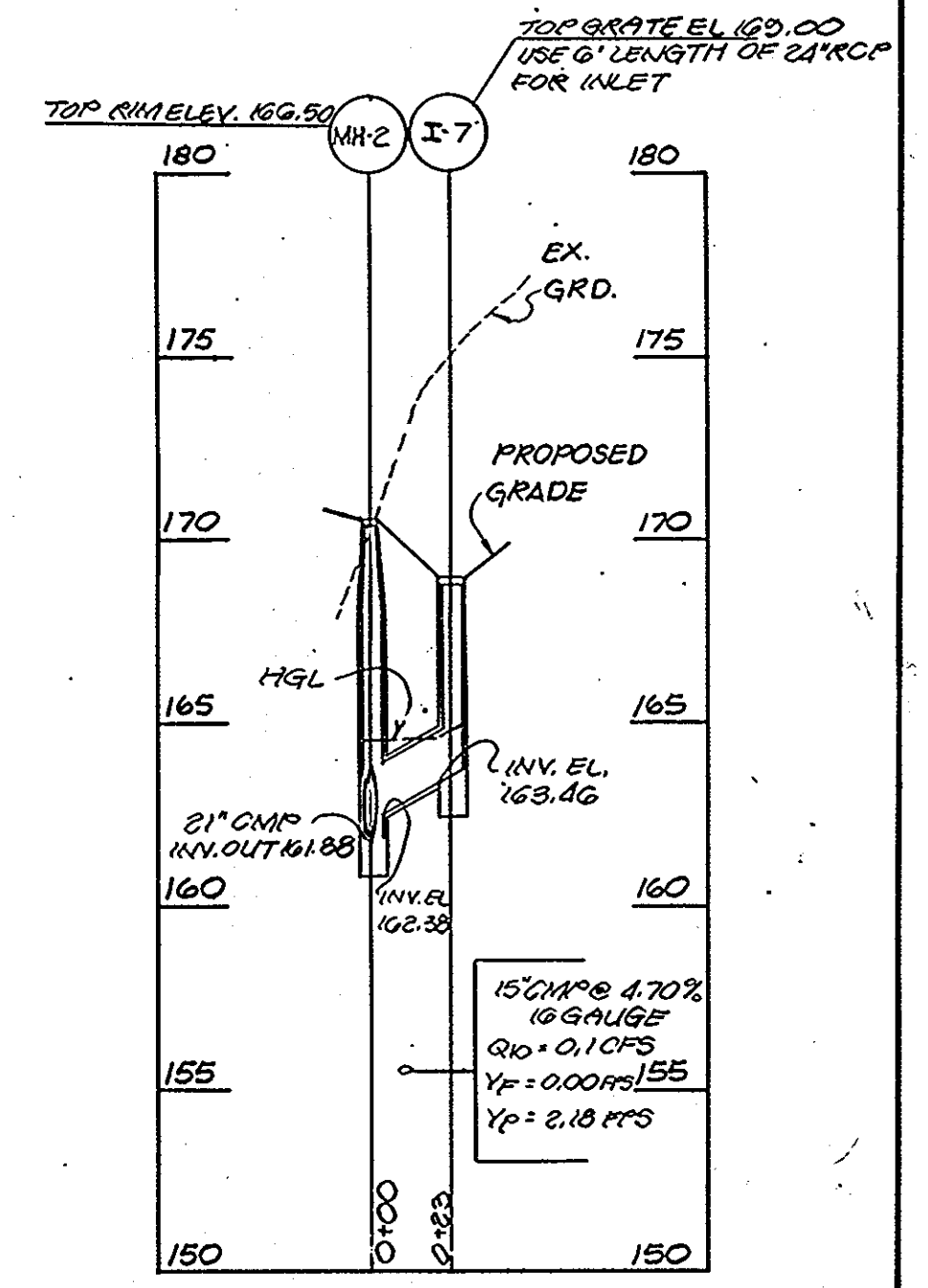
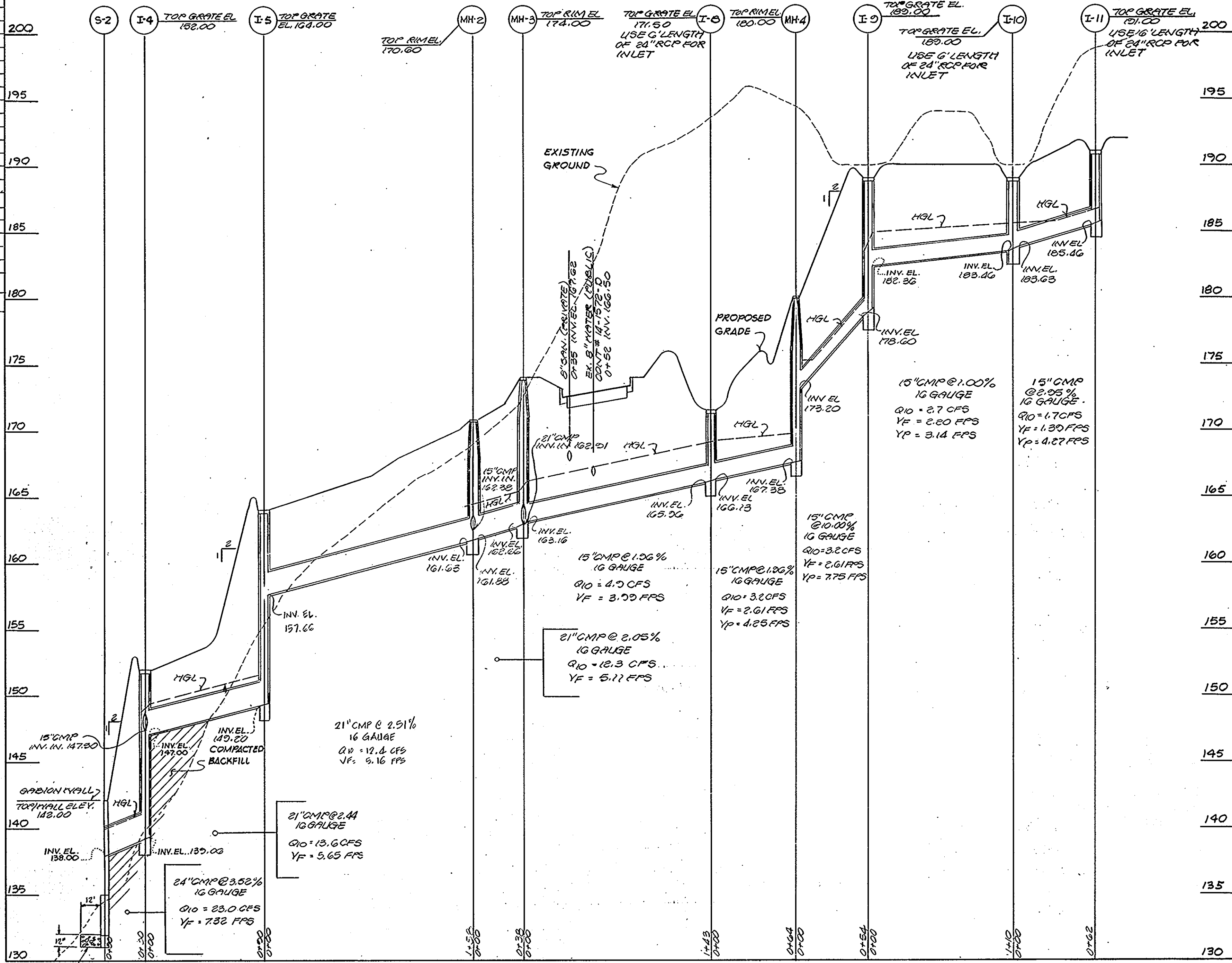
STORM DRAIN PROFILES

PINE RIDGE
 TAX MAP 37 PARCEL A,B,C
 1ST. ELECTION DISTRICT HOWARD CO. MD.

SCALE: AS SHOWN
 FEBRUARY 20, 1987

SHEET 10 OF 21

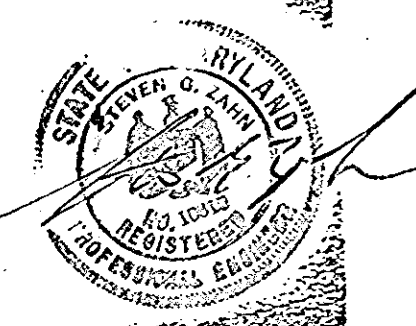
STRUCTURE SCHEDULE					
NO.	TYPE	INV. IN	INV. OUT	TOP ELEV.	REMARKS
I-1	A-5	123.18	128.68	154.00	DWG. S.D. 4.01
I-2	A-10	149.85	151.50	155.90	DWG. S.D. 4.02
I-3	D	—	146.22	149.83	DWG. S.D. 4.11
I-4	S	147.0	139.06	192.00	DWG. S.D. 4.22
I-5	S	157.66	149.20	164.00	"
I-6	YARD INLET	—	161.46	165.00	DWG. S.D. 4.14
I-7	YARD INLET	—	163.46	169.00	"
I-8	YARD INLET	166.15	165.96	171.50	"
I-9	S	182.36	178.60	189.00	DWG. S.D. 4.22
I-10	YARD INLET	183.63	183.46	189.00	DWG. S.D. 4.14
I-11	YARD INLET	—	185.46	191.00	"
I-12	A-10	—	164.03	170.40	DWG. S.D. 4.02
I-13	D	158.38	158.13	165.00	DWG. S.D. 4.11
I-14	A-10	—	161.47	171.00	DWG. S.D. 4.02
I-15	S	143.25	153.21	164.00	DWG. S.D. 4.22
I-16	A-5	172.00	166.05	178.50	DWG. S.D. 4.01
I-17	A-5	184.68	184.43	193.30	DWG. S.D. 4.01
I-18	A-5	185.25	185.00	192.4	"
I-19	A-5	186.35	186.10	192.50	DWG. S.D. 4.01
I-20	YARD INLET	—	181.99	194.17	DWG. S.D. 4.14
I-21	S	161.13	166.88	172.00	DWG. S.D. 4.22
I-22	S	175.75	175.50	182.00	"
I-23	S	183.20	182.95	192.00	"
I-24	A-10	—	186.16	195.70	DWG. S.D. 4.02
I-25	A-5	—	175.21	180.25	DWG. S.D. 4.01
I-26	A-5	190.24	190.04	196.33	"
I-27	A-5	—	191.47	196.83	"
MH-1	STD. MANHOLE	160.25	159.70	166.50	d. 5.01
MH-2	"	162.36	161.65	166.50	"
MH-3	"	163.71	162.66	174.00	"
MH-4	"	163.16	167.38	180.00	"
MH-5	"	173.00	176.40	185.75	"
MH-6	STD. MANHOLE	184.60	184.35	194.90	d. 5.01
G-1	—	138.00	139.75	148.00	RETAINING WALL
G-2	—	138.00	140.00	—	"
G-3	—	152.91	154.91	—	"
G-4	METAL END SECTION	—	191.50	161.25	DWG. S.D. 5.01



STORM DRAIN PROFILES
SCALE: HORIZ. 1" = 50'
VERT. 1" = 5'

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 7-1-87

NOTE: TRENCH COMPACTION DENSITY WITHIN ROAD RIGHT OF WAY SHALL BE 95% ACCORDING TO MASHO T-100A.



Dewberry & Davis
ARCHITECTS ENGINEERS PLANNERS SURVEYORS
3300 N. Ridge Road
Suite 100
Ellicott City, Maryland
21043
(301) 461-7478 BALTIMORE
(301) 621-4970 WASHINGTON

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 REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

STATE OF MARYLAND PROFESSIONAL ENGINEER
SIGNATURE OF ENGINEER: James M. Davis
DATE: 2/19/87

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 NATURAL RESOURCES 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 OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

STATE OF MARYLAND PROFESSIONAL ENGINEER
SIGNATURE OF DEVELOPER: Robert C. [unclear]
DATE: 2/19/87

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
DATE: 9-10-87
U.S. SOIL CONSERVATION SERVICE

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
DATE: 9/10/87
HOWARD SOIL CONSERVATION DISTRICT

APPROVED: OFFICE OF PLANNING AND ZONING
PLANNING DIRECTOR: [Signature]
DATE: 9-15-87

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
DATE: 9-17-87

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS.
HEALTH OFFICER: [Signature]
DATE: 9-16-87

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.
DIRECTOR, PUBLIC WORKS: [Signature]
DATE: 9/14/87

CHIEF BUREAU OF ENGINEERING: [Signature]
DATE: 9-14-87

SUBDIVISION NAME: PINE RIDGE
SECTION/AREA: N.A.
PARCEL NUMBER: A, B, & C

PLAT NO. 7301-7305, BLOCK NO. 1B & 1C, ZONE RA-15, TAX/ZONE 37 & 38, ELEC. DIST. 1 ST, CENSUS TR. 2012

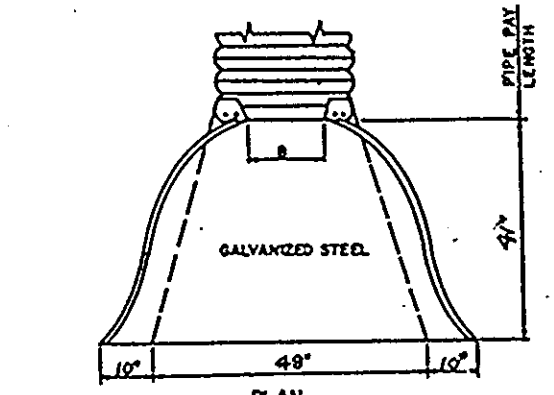
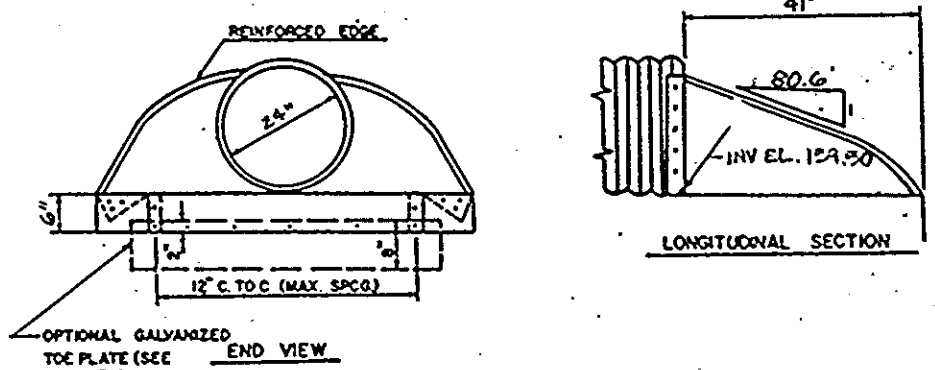
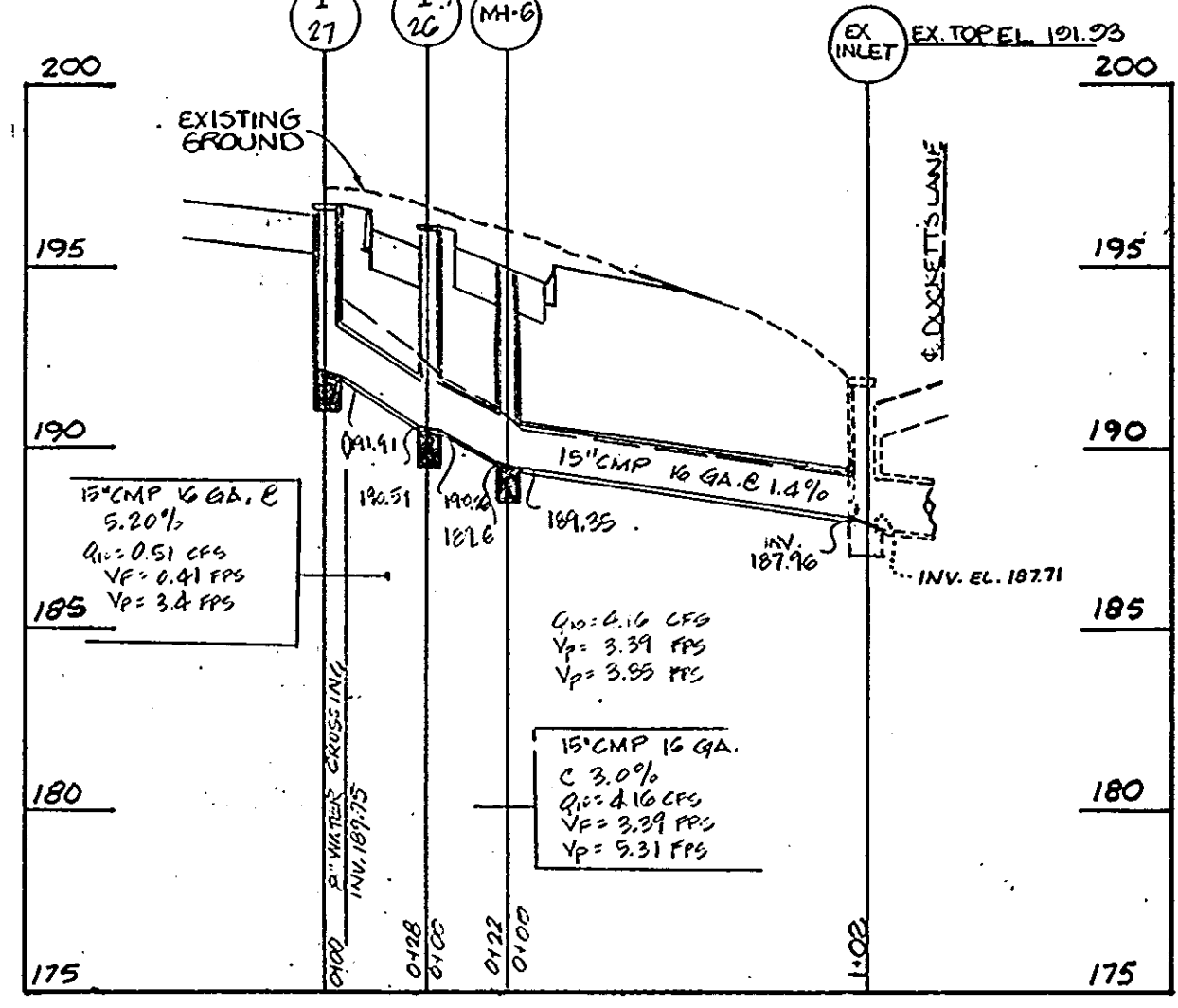
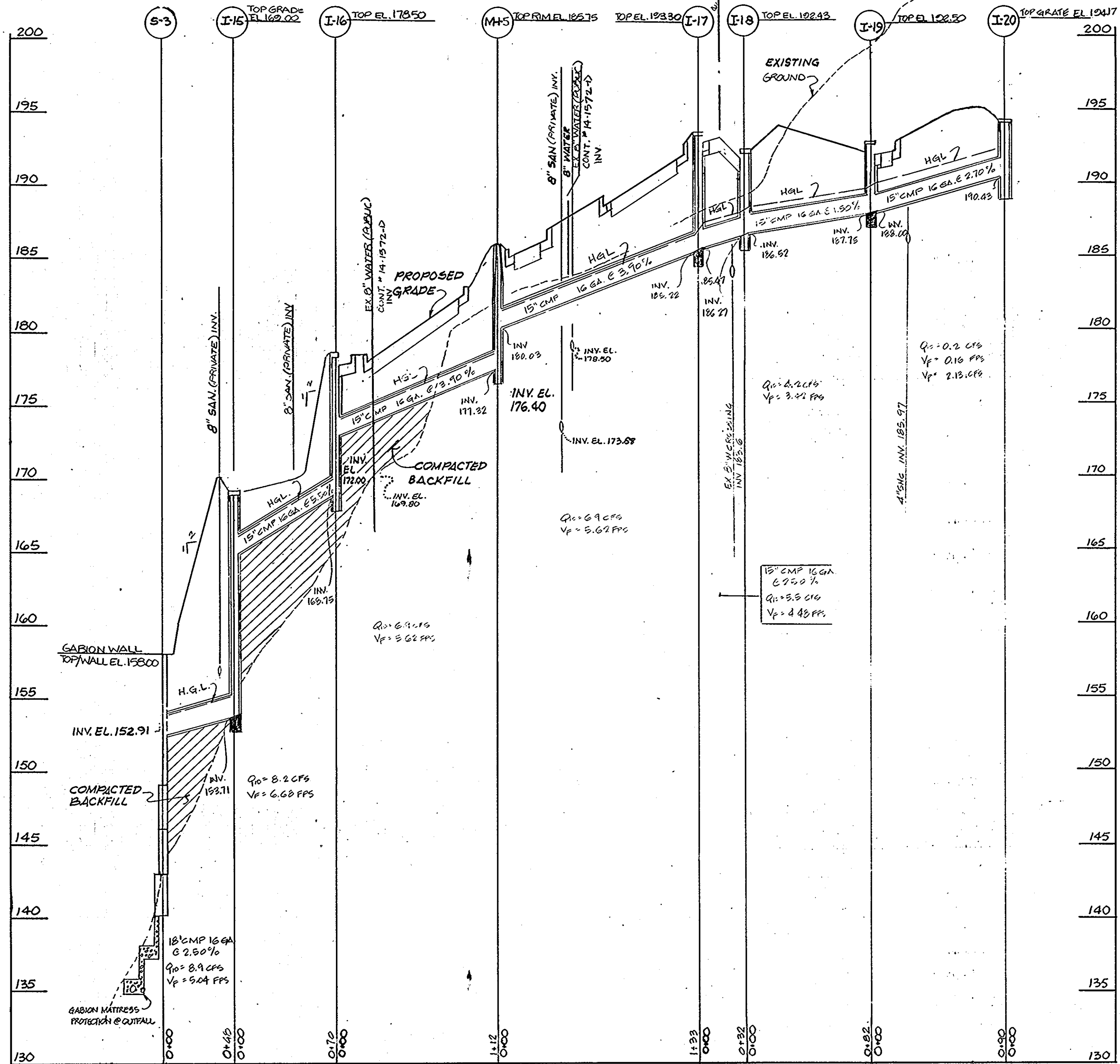
WATER CODE A02, SEWER CODE 2192200

DEVELOPER:
PULTE HOME CORPORATION
NORTHERN VIRGINIA DIVISION
SUITE 201
8200 GREENSBORO DRIVE
MCLEAN, VIRGINIA 22102

OWNER:
ING/PINE RIDGE ASSOCIATES
5457 TWIN KNOLLS ROAD
COLUMBIA, MARYLAND 21045

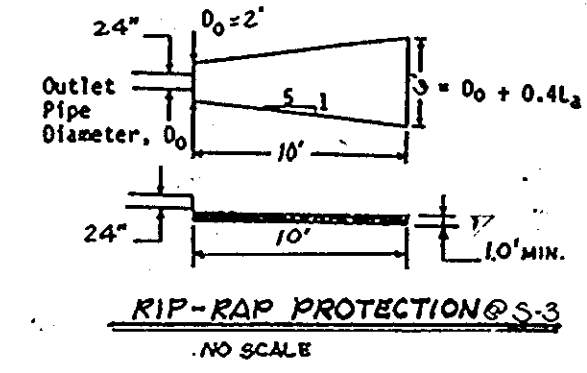
TEL: (703) 734-1030 TEL: (301) 995-0760

STORM DRAIN PROFILES
PINE RIDGE
TAX MAP 37 PARCEL A, B, C
1ST. ELECTION DISTRICT HOWARD CO. MD.
SCALE: AS SHOWN
FEBRUARY 20, 1987
SHEET II OF 21

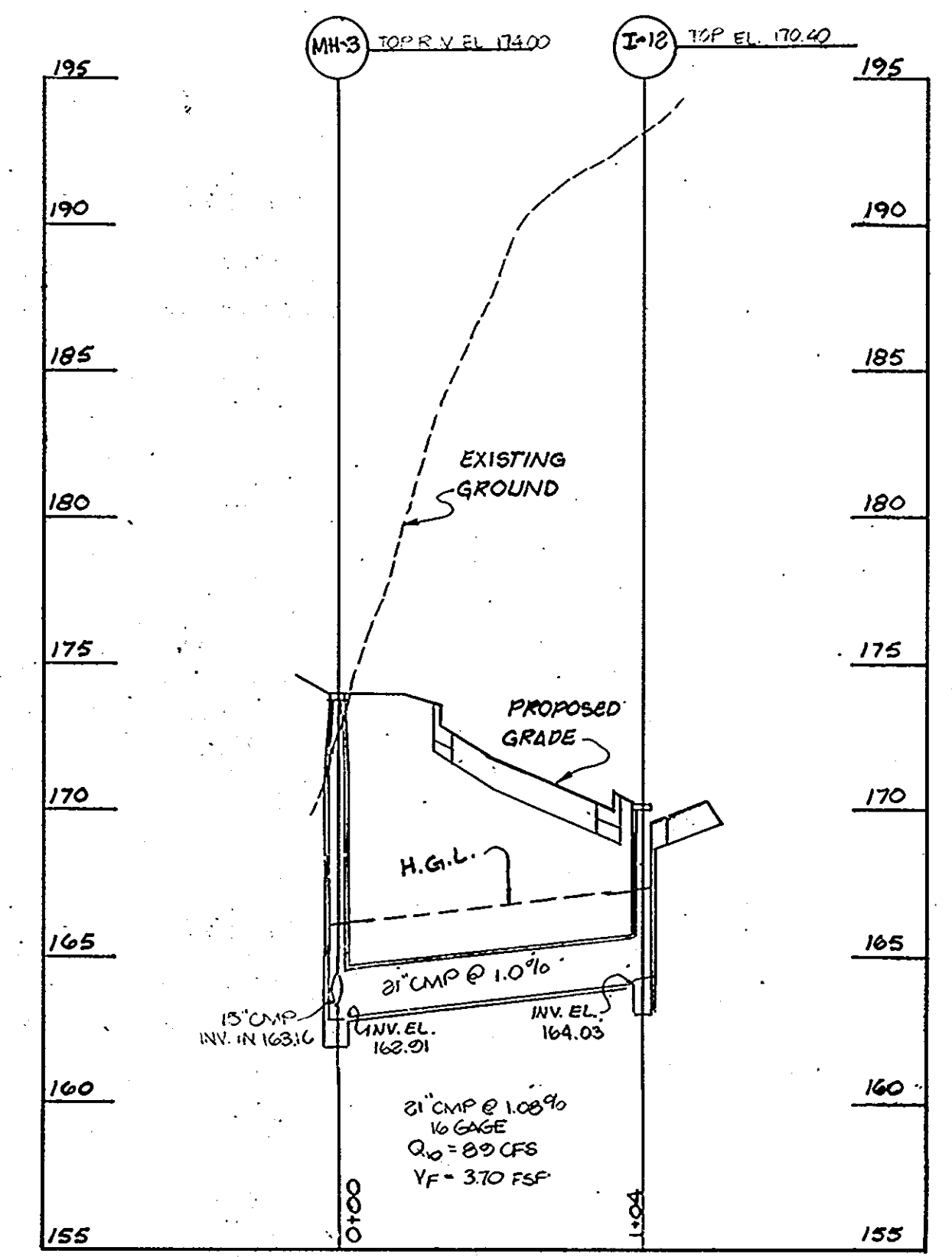


NOTES:
 1. ALL 3 PILE BODIES TO HAVE RISA SIDES AND RISA CENTER PANELS. WIDTH OF CENTER PANELS TO BE GREATER THAN 20% OF THE PIPE RISE. MULTIPLE PANEL BODIES TO HAVE LAP BEAMS WHICH ARE TO BE TIGHTLY JOINED BY 3/8" GALVANIZED PIVOTS OR BOLTS.
 2. THE PLATE SHALL BE USED WHEN SPECIFIED ON THE PLANS. COST OF THE PLATE TO BE INCLUDED IN BID PRICE FOR EACH OF METAL END SECTION.

METAL END SECTION @ S-4
 NO SCALE



RIP-RAP PROTECTION @ S-3
 NO SCALE



NOTE: TRENCH COMPACTION DENSITY WITHIN ROAD RIGHT-OF-WAY SHALL BE 95% ACCORDING TO AASHTO T-180-A.

STORM DRAIN PROFILES

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

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 7-1-87



Dewberry & Davis
 ARCHITECTS ENGINEERS PLANNERS SURVEYORS
 3300 N. Ridge Road
 Suite 100
 Ellicott City, Maryland
 21043
 (301) 461-7478 BALTIMORE
 (301) 621-4970 WASHINGTON

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 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 REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 STATE OF MARYLAND
 REGISTERED PROFESSIONAL ENGINEER
 SIGNATURE OF ENGINEER
 DATE 2/18/87

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 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 NATURAL RESOURCES 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 OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.
 SIGNATURE OF DEVELOPER
 DATE 2/19/87

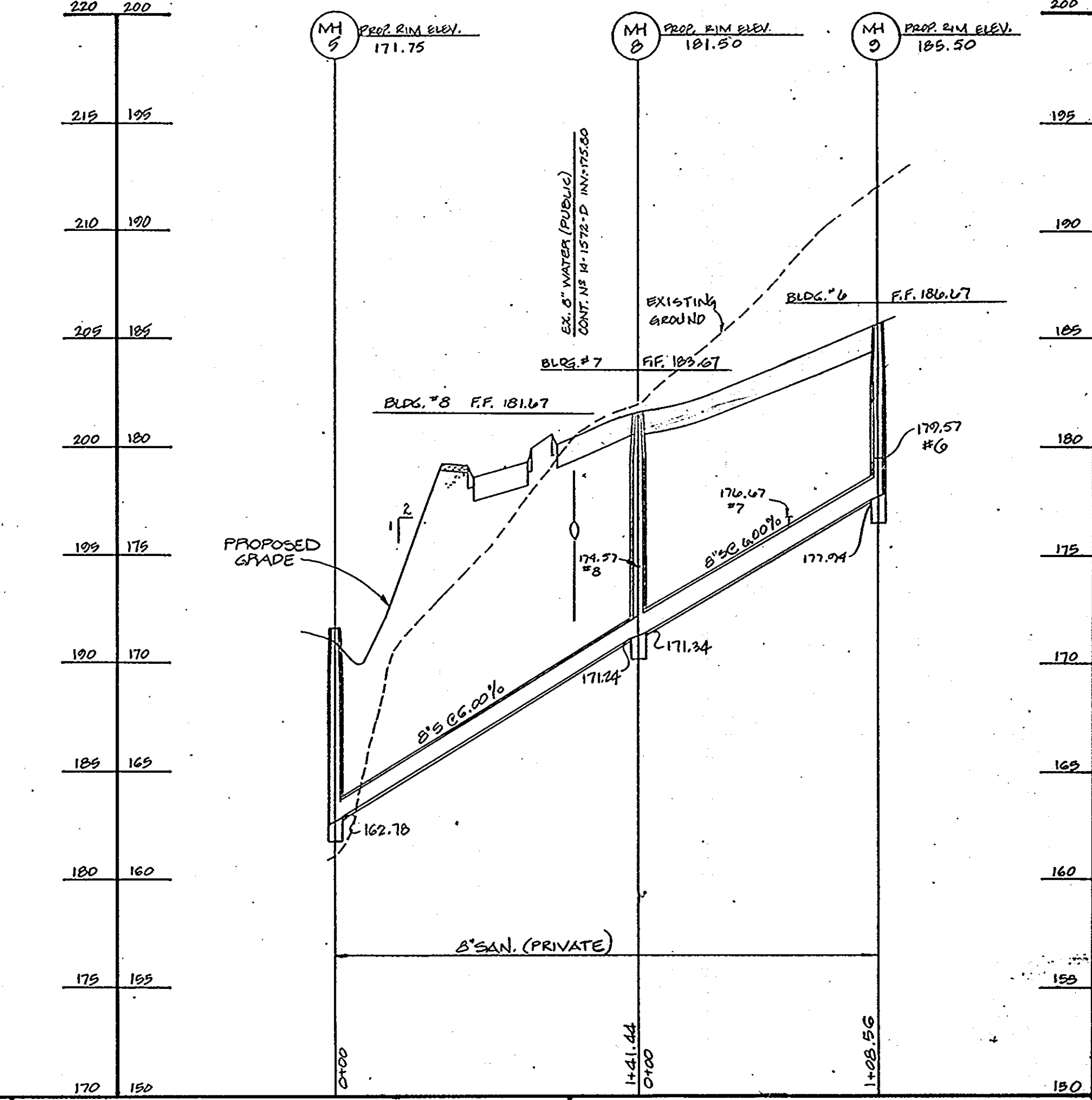
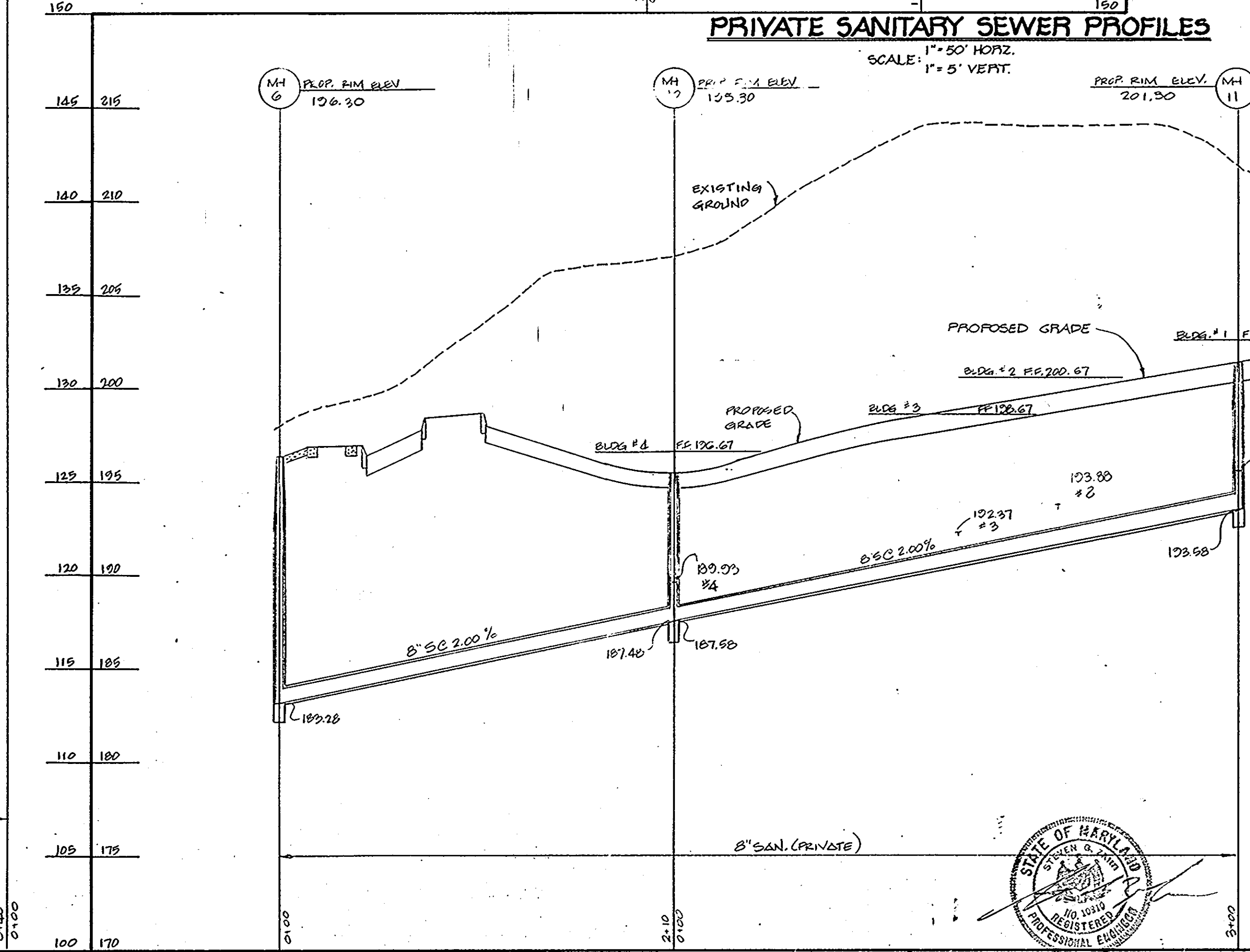
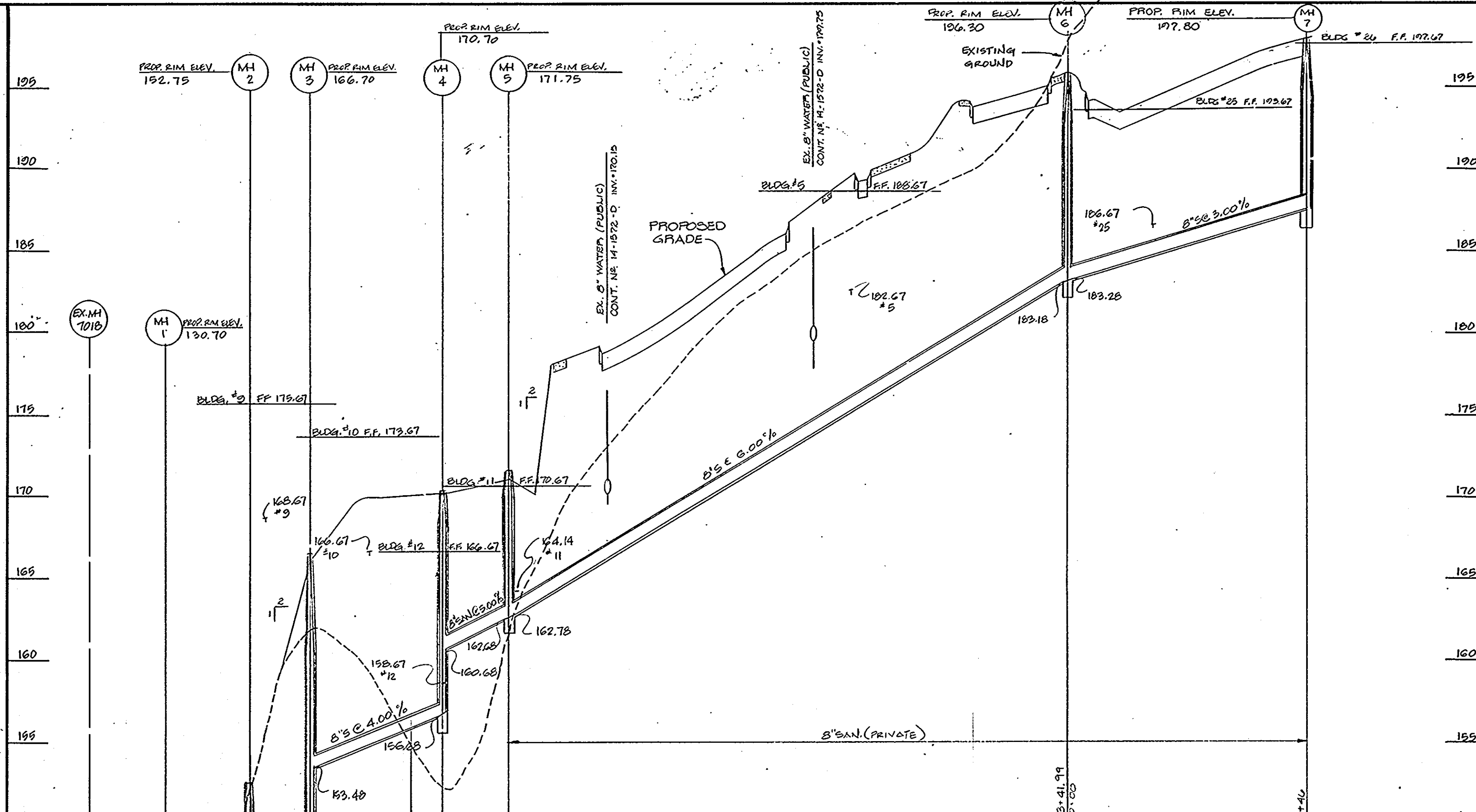
REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
 SIGNATURE OF REVIEWER
 DATE 9-10-87
 U.S. SOIL CONSERVATION SERVICE
 THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 SIGNATURE OF REVIEWER
 DATE 9/10/87
 HOWARD SOIL CONSERVATION DISTRICT

APPROVED: OFFICE OF PLANNING AND ZONING
 SIGNATURE OF PLANNING DIRECTOR
 DATE 7-17-87
 PLANNING DIRECTOR
 SIGNATURE OF CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
 DATE 9-17-87
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
 APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS.
 SIGNATURE OF HEALTH OFFICER
 DATE 9-16-87
 HEALTH OFFICER

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.
 SIGNATURE OF DIRECTOR, PUBLIC WORKS
 DATE 9/14/87
 DIRECTOR, PUBLIC WORKS
 SIGNATURE OF CHIEF, BUREAU OF ENGINEERING
 DATE 9-14-87
 CHIEF, BUREAU OF ENGINEERING
 SUBDIVISION NAME PINE RIDGE
 SECTION/AREA N.A.
 PARCEL NUMBER A,B,C
 PLAT NO. 7201-7385
 BLOCK NO. 18 & 13
 ZONE RA-15
 TAX/ZONE 37 & 36
 ELEC. DIST. 1st
 CENSUS TR. C02
 WATER CODE A02
 SEWER CODE 2192202

STORM DRAIN PROFILES
PINE RIDGE
 TAX MAP 37 PARCEL A,B,C
 1ST. ELECTION DISTRICT HOWARD CO. MD.
 SCALE: AS SHOWN
 FEBRUARY 20, 1987
 SHEET 12 OF 21
 S.D.P.-87-166

DEVELOPER:
 PULTE HOME CORPORATION
 NORTHERN VIRGINIA DIVISION
 SUITE 201
 8200 GREENSBORO DRIVE
 MCLEAN, VIRGINIA 22102
 TEL: (703) 734-1030
 Owner
 IMG/PINE RIDGE ASSOCIATES
 5457 TWIN KNOLLS ROAD
 COLUMBIA, MARYLAND 21045
 TEL: (301) 995-0760



DEVELOPER:
 FULTE HOME CORPORATION
 NORTHERN VIRGINIA DIVISION
 SUITE 201
 8200 GREENSBORO DRIVE
 MCLEAN, VIRGINIA 22102
 TEL: (703) 734-1030

Owned:
 IMG/PINE RIDGE ASSOCIATES
 5457 TWIN KNOLLS ROAD
 COLUMBIA, MARYLAND 21045
 TEL: (301) 995-0760

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE **7-1-87**

Dewberry & Davis
 ARCHITECTS ENGINEERS PLANNERS SURVEYORS

3300 N. Ridge Road
 Suite 100
 Ellicott City, Maryland
 21043

(301) 461-7478 BALTIMORE
 (301) 621-4970 WASHINGTON

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 REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

[Signature]
 SIGNATURE OF ENGINEER

8/18/87
 DATE

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 NATURAL RESOURCES 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 OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

[Signature]
 SIGNATURE OF DEVELOPER

2/19/87
 DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

[Signature] 9-10-87
 DATE

U.S. SOIL CONSERVATION SERVICE

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

APPROVED:
[Signature] 9/10/87
 HOWARD SOIL CONSERVATION DISTRICT DATE

APPROVED: OFFICE OF PLANNING AND ZONING

[Signature] 9-15-87
 PLANNING DIRECTOR DATE

[Signature] 9-17-87
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

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

[Signature] 9-16-87
 HEALTH OFFICER DATE

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

[Signature] 9-14-87
 DIRECTOR, PUBLIC WORKS DATE

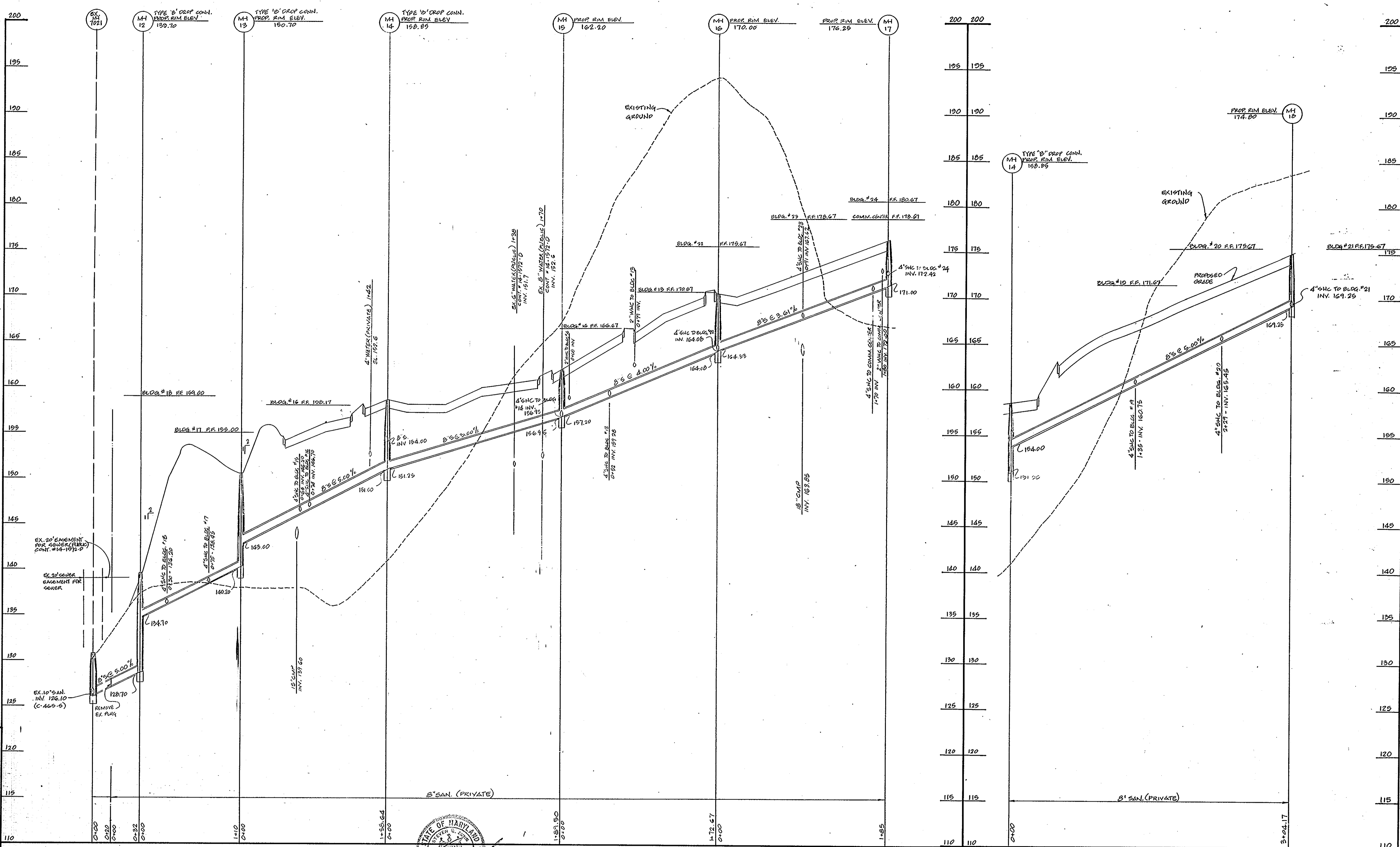
[Signature] 9-14-87
 CHIEF, BUREAU OF ENGINEERING DATE

SUBDIVISION NAME PINE RIDGE	SECTION/AREA N.A.	FARCEL NUMBER A.8.6
PLAT NO. 7301-7305	BLOCK NO. 18 & 19	ZONE RA-15
TAX/ZONE 37 & 38	ELEC. DIST. 107	CENSUS TR 6012
WATER CODE A02	SEWER CODE 2152200	

PRIVATE SANITARY SEWER PROFILES

PINE RIDGE
 TAX MAP 37 PARCEL A.B.C.
 1ST. ELECTION DISTRICT HOWARD CO. MD.

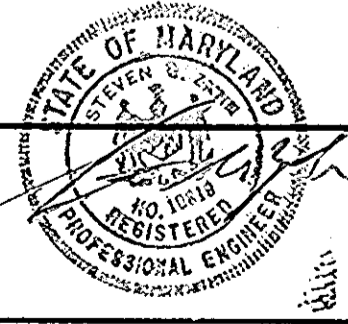
SCALE: AS SHOWN
 FEBRUARY 20, 1987
 SHEET 13 OF 21



PRIVATE SANITARY SEWER PROFILES
SCALE: HORIZ. 1"=60'
VERT. 1"=5'

DEVELOPER:
PULTE HOME CORPORATION
NORTHERN VIRGINIA DIVISION
SUITE 201
8200 GREENSBORO DRIVE
MCLEAN, VIRGINIA 22102
TEL: (703) 734-1030
Owner:
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5457 TWIN KNOLLS ROAD
COLUMBIA, MARYLAND 21045
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APPROVED
DIVISION OF LAND DEVELOPMENT &
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HOWARD COUNTY, MARYLAND
DATE 7-1-87



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STATE OF MARYLAND
REGISTERED PROFESSIONAL ENGINEER
SIGNATURE OF ENGINEER
DATE 2/12/87

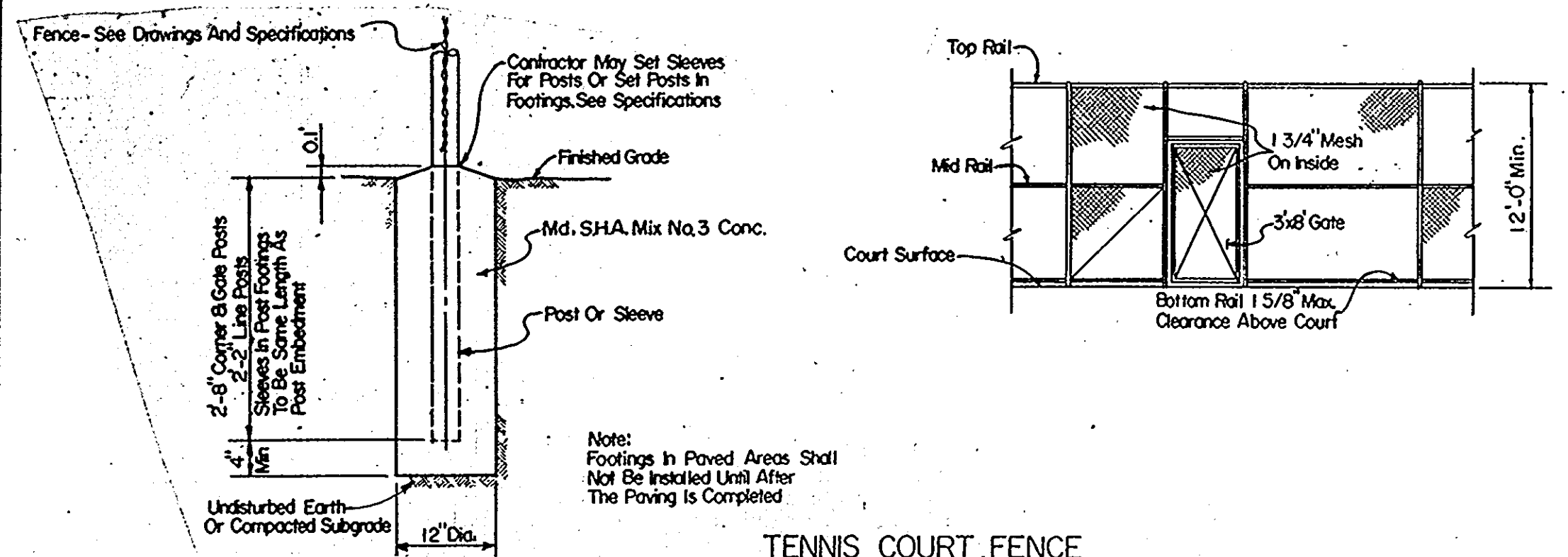
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SIGNATURE OF DEVELOPER
DATE 2/19/87

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
APPROVED: OFFICE OF PLANNING AND ZONING
PLANNING DIRECTOR
DATE 7-10-87
US SOIL CONSERVATION SERVICE
THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
APPROVED:
HOWARD SOIL CONSERVATION DISTRICT
DATE 7/10/87

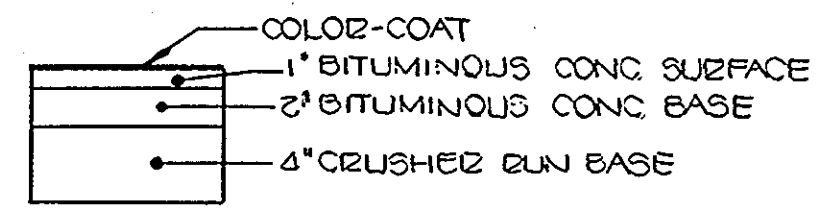
APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.
CHIEF, DEPARTMENT OF PUBLIC WORKS
DATE 9/14/87
CHIEF, BUREAU OF ENGINEERING
DATE 9-14-87
APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS.
HEALTH OFFICER
DATE 9-16-87

SUBDIVISION NAME PINE RIDGE		SECTION/AREA N.A.	PARCEL NUMBER 0,010
PLAT NO. 7801-7805	BLOCK NO. 10+12	ZONE RA-15	TAX/ZONE 374.28
ELEC. DIST. 101		CENSUS TR. 6012	
WATER CODE A02		SEWER CODE 2152200	

PRIVATE SANITARY SEWER PROFILES
PINE RIDGE
TAX MAP 37 PARCEL A,B,C
1ST. ELECTION DISTRICT HOWARD CO. MD.
SCALE: AS SHOWN
FEBRUARY 20, 1987
SHEET 14 OF 21
S.D.P. - 87-1661



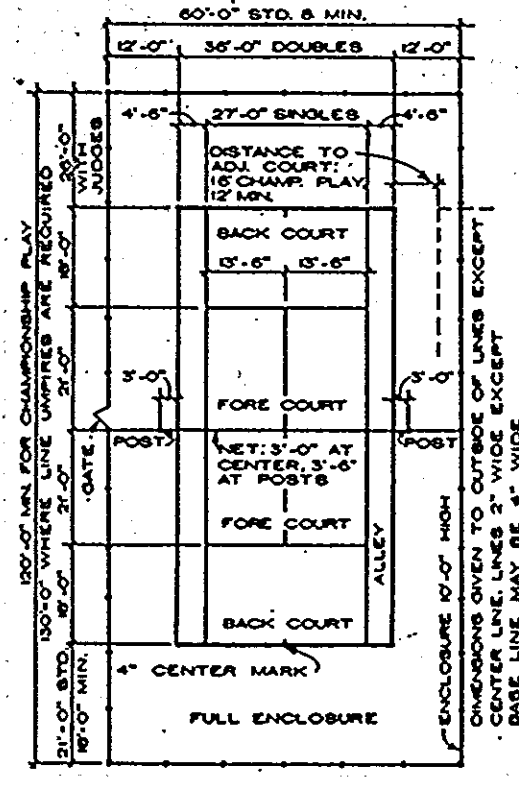
TENNIS COURT FENCE



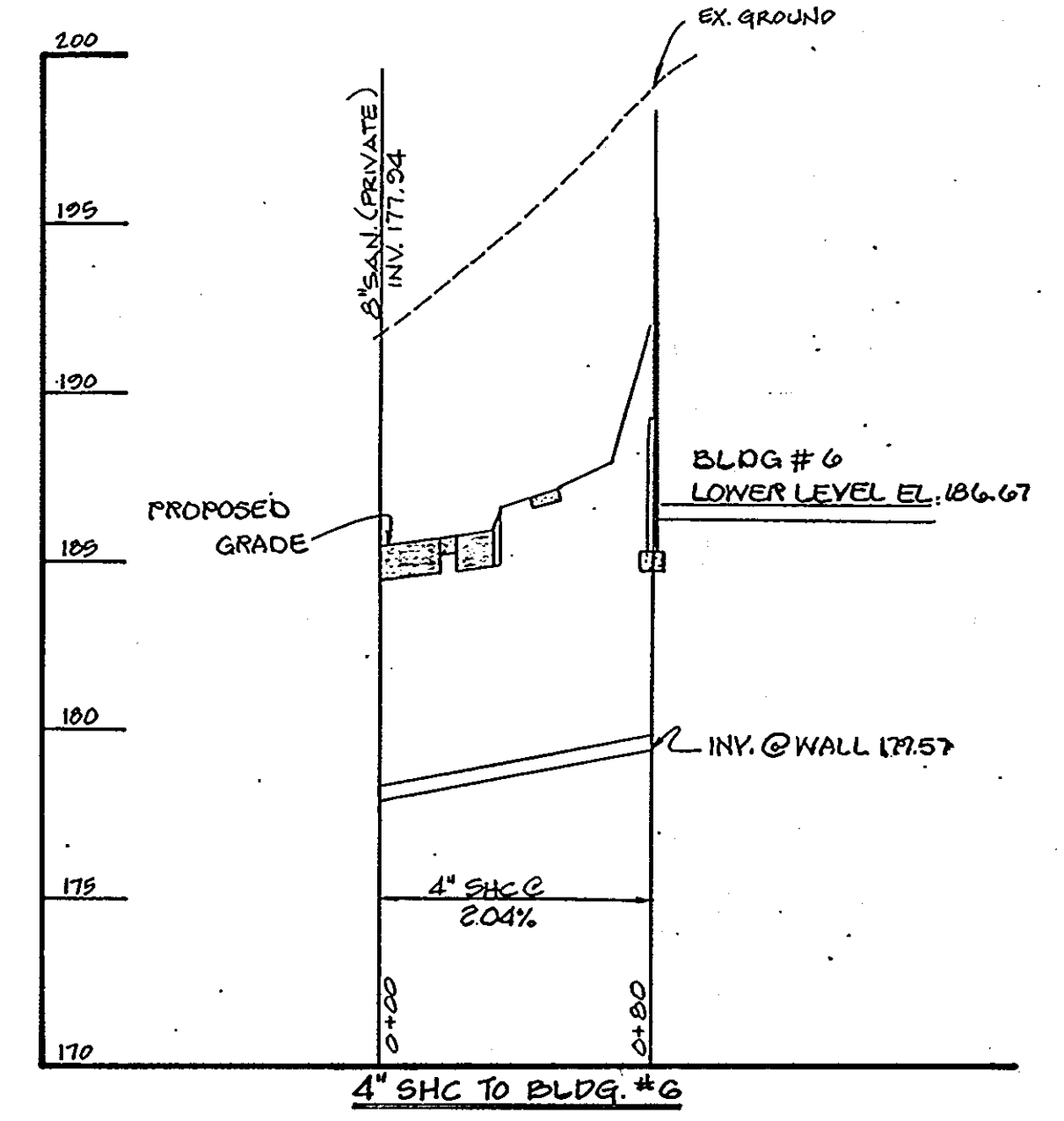
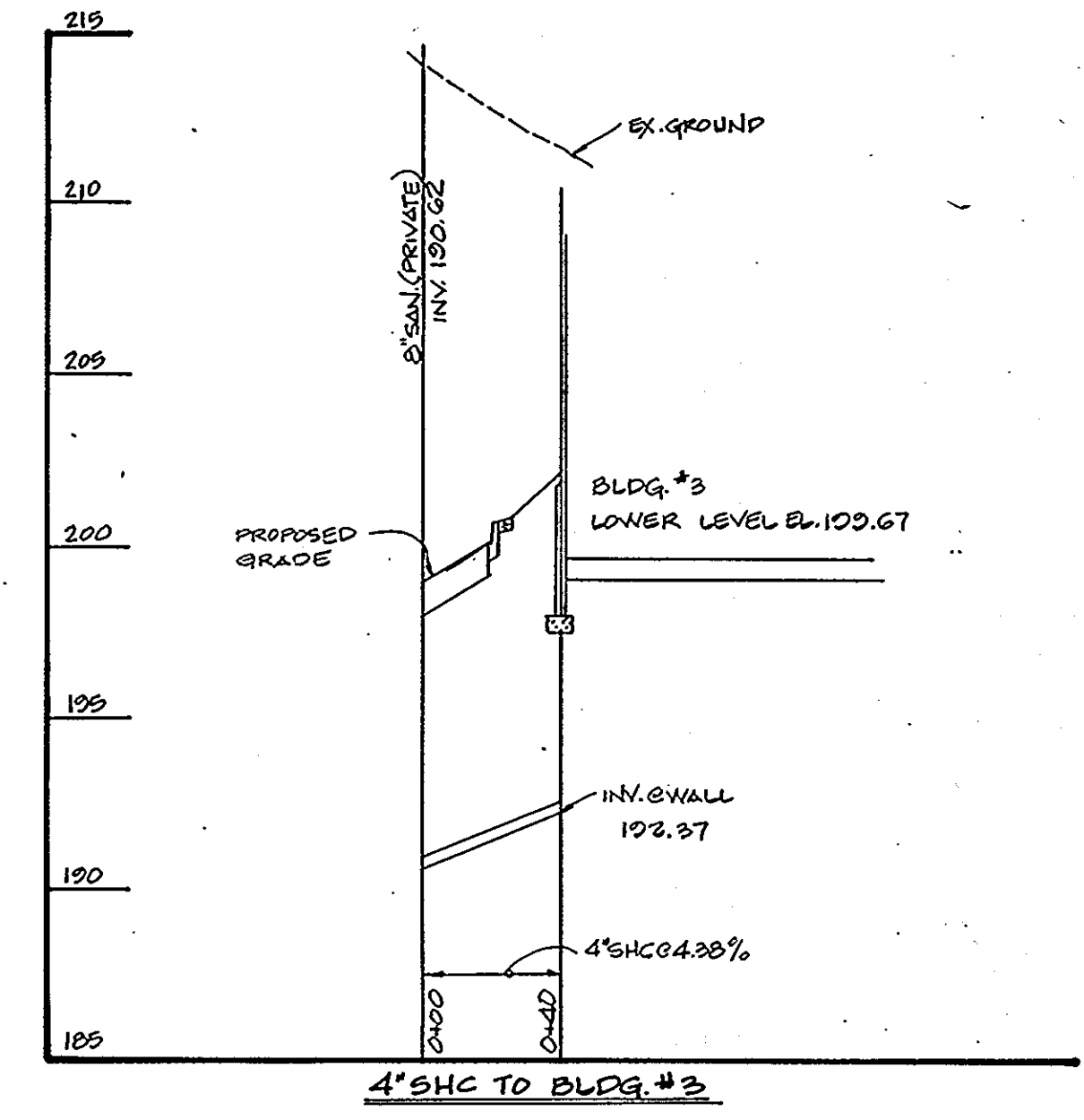
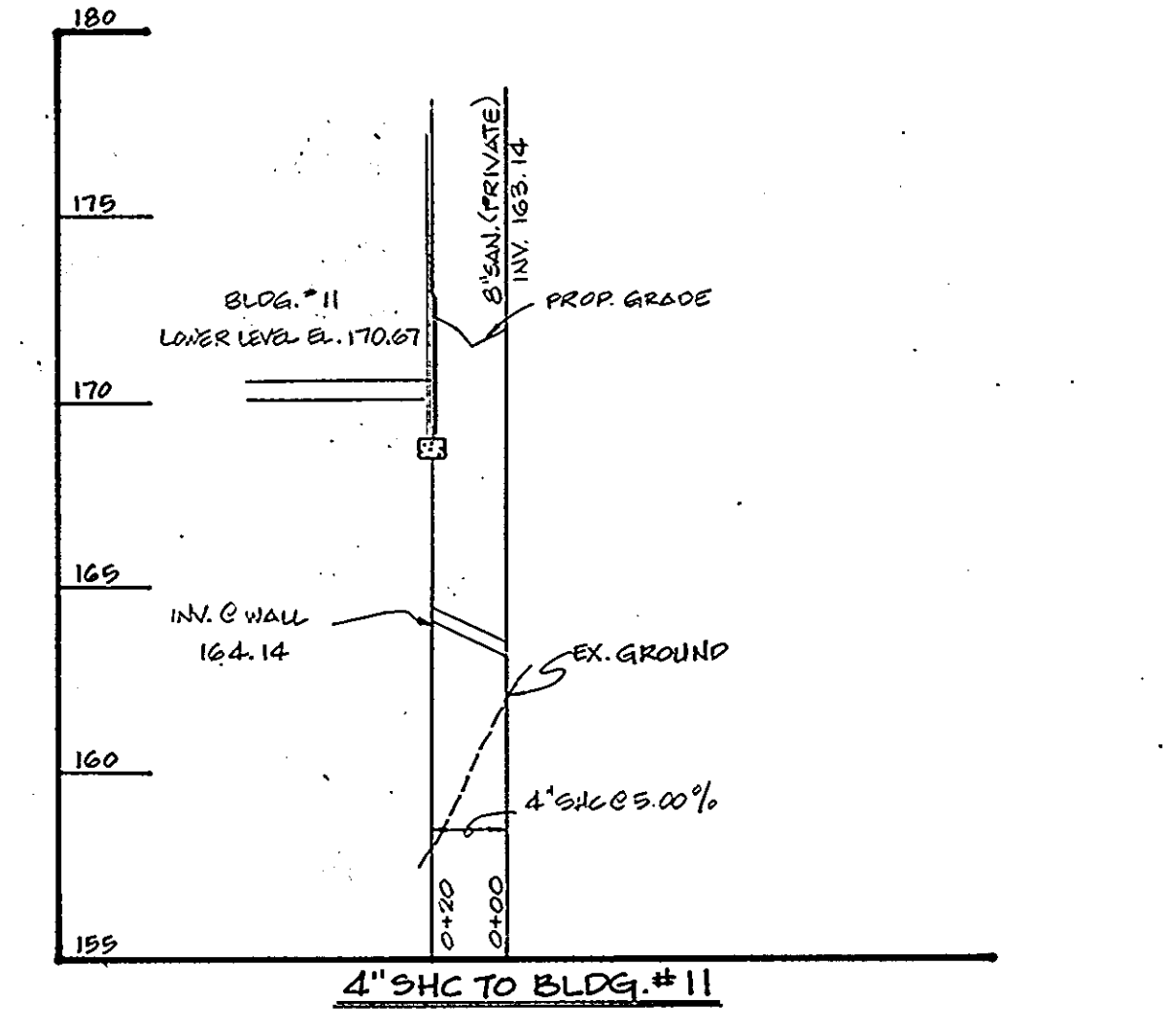
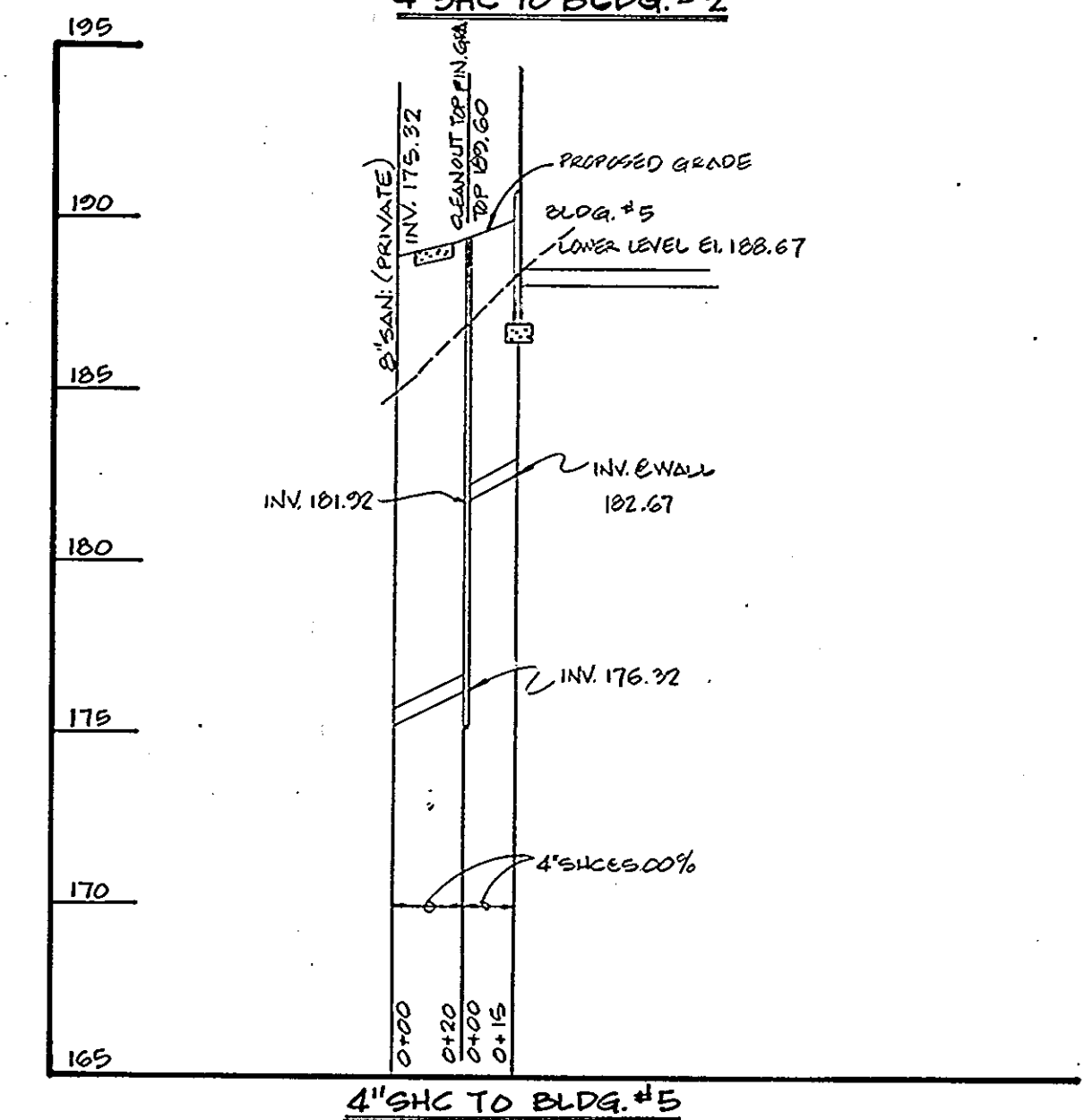
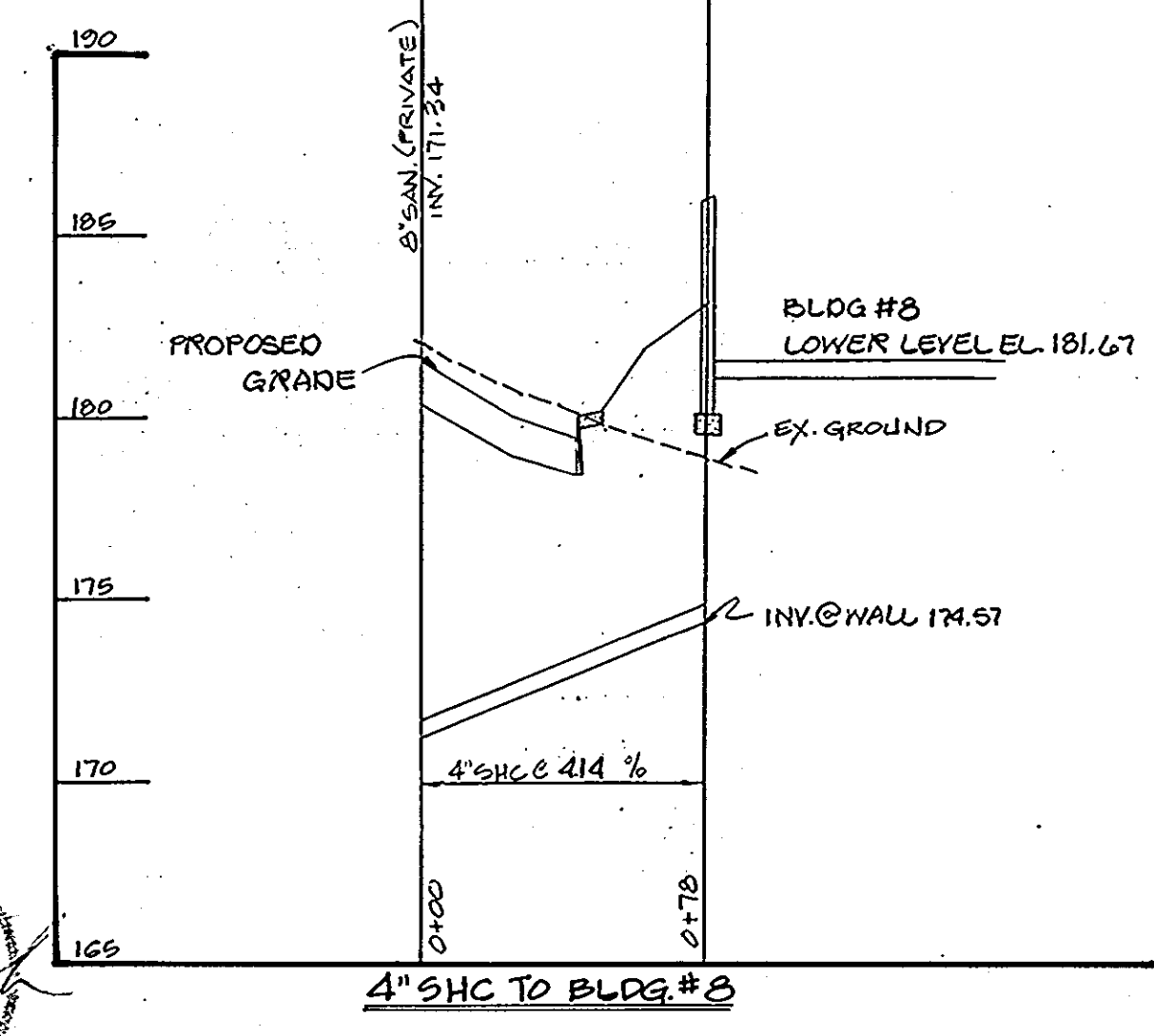
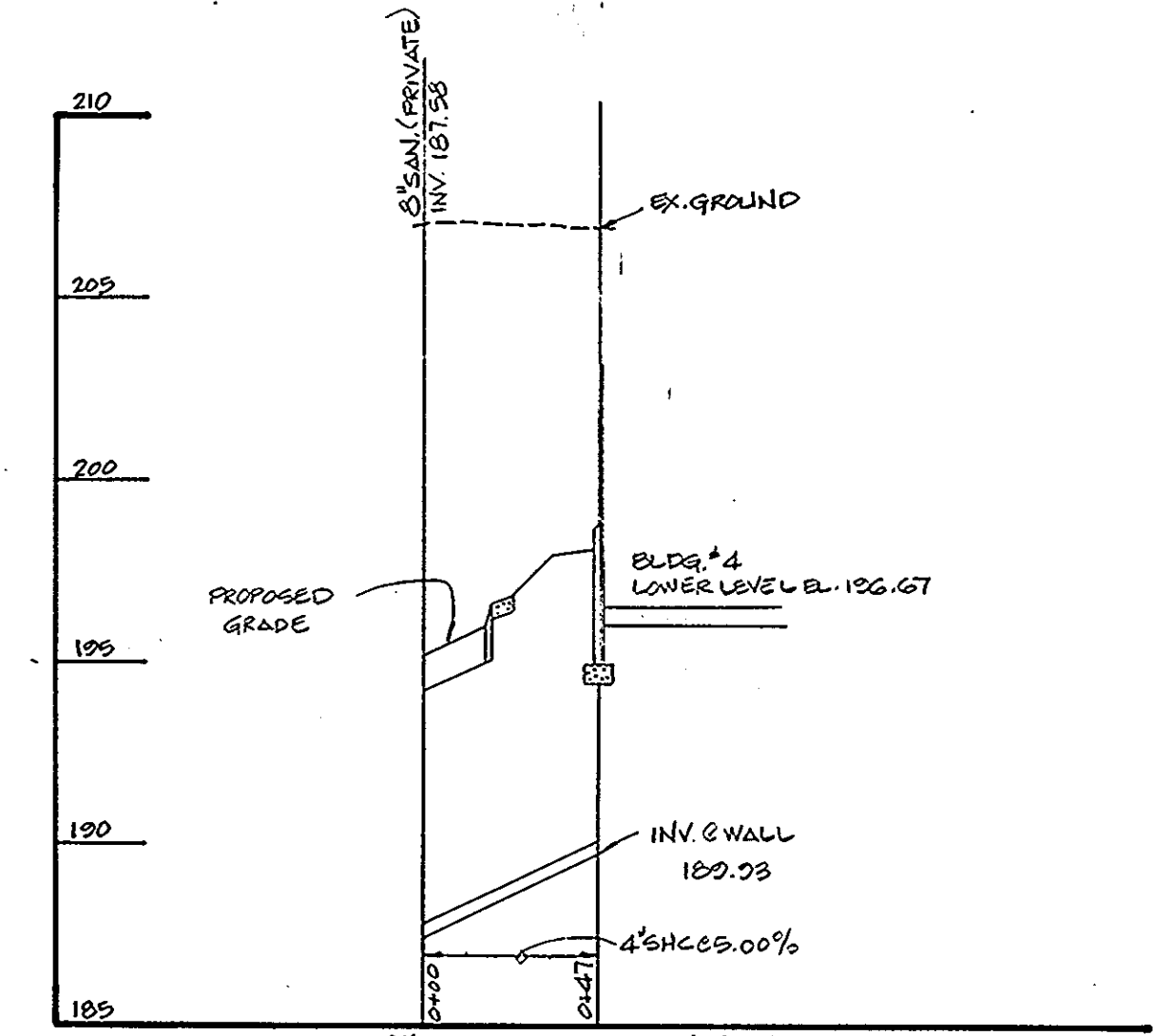
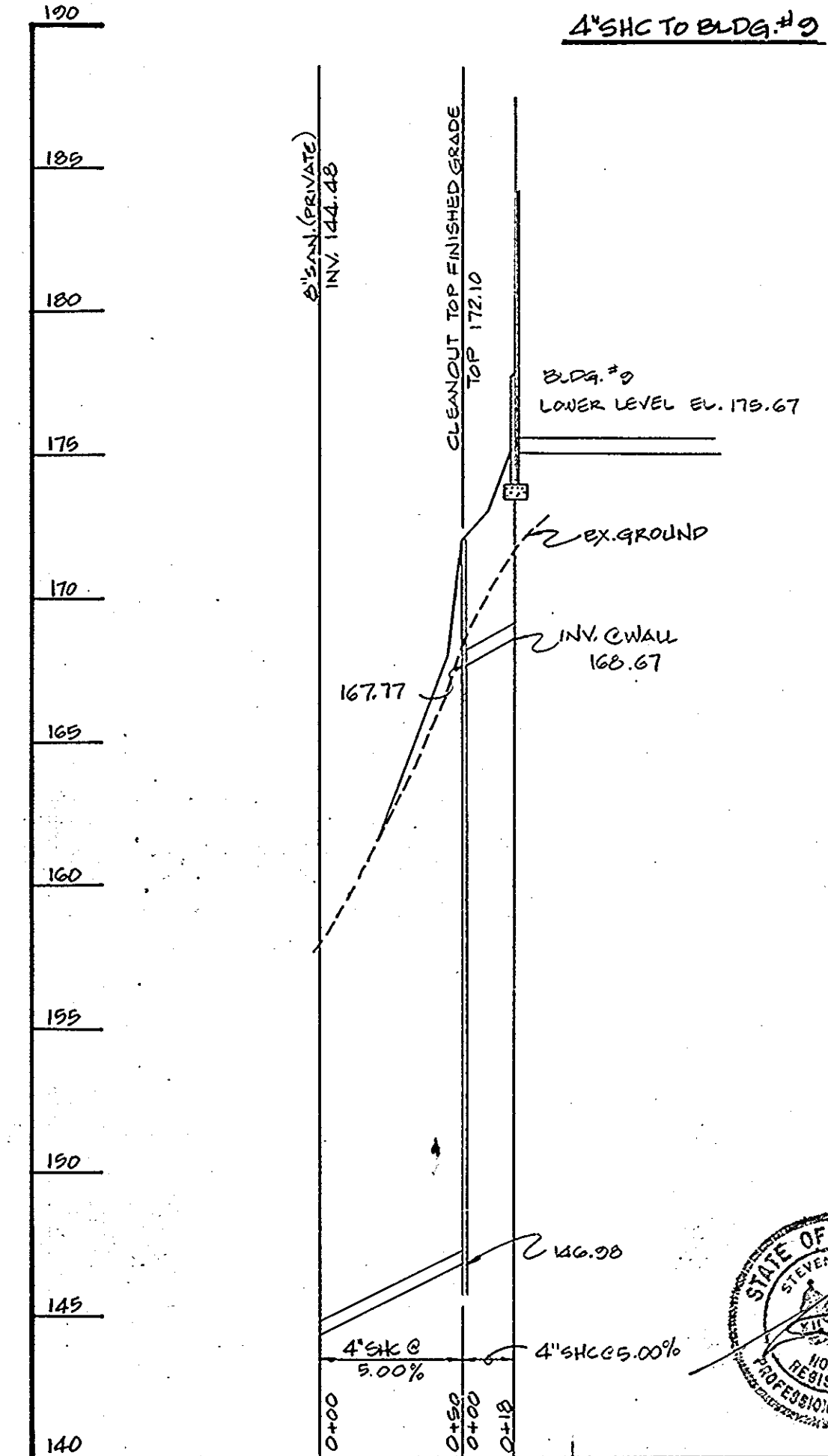
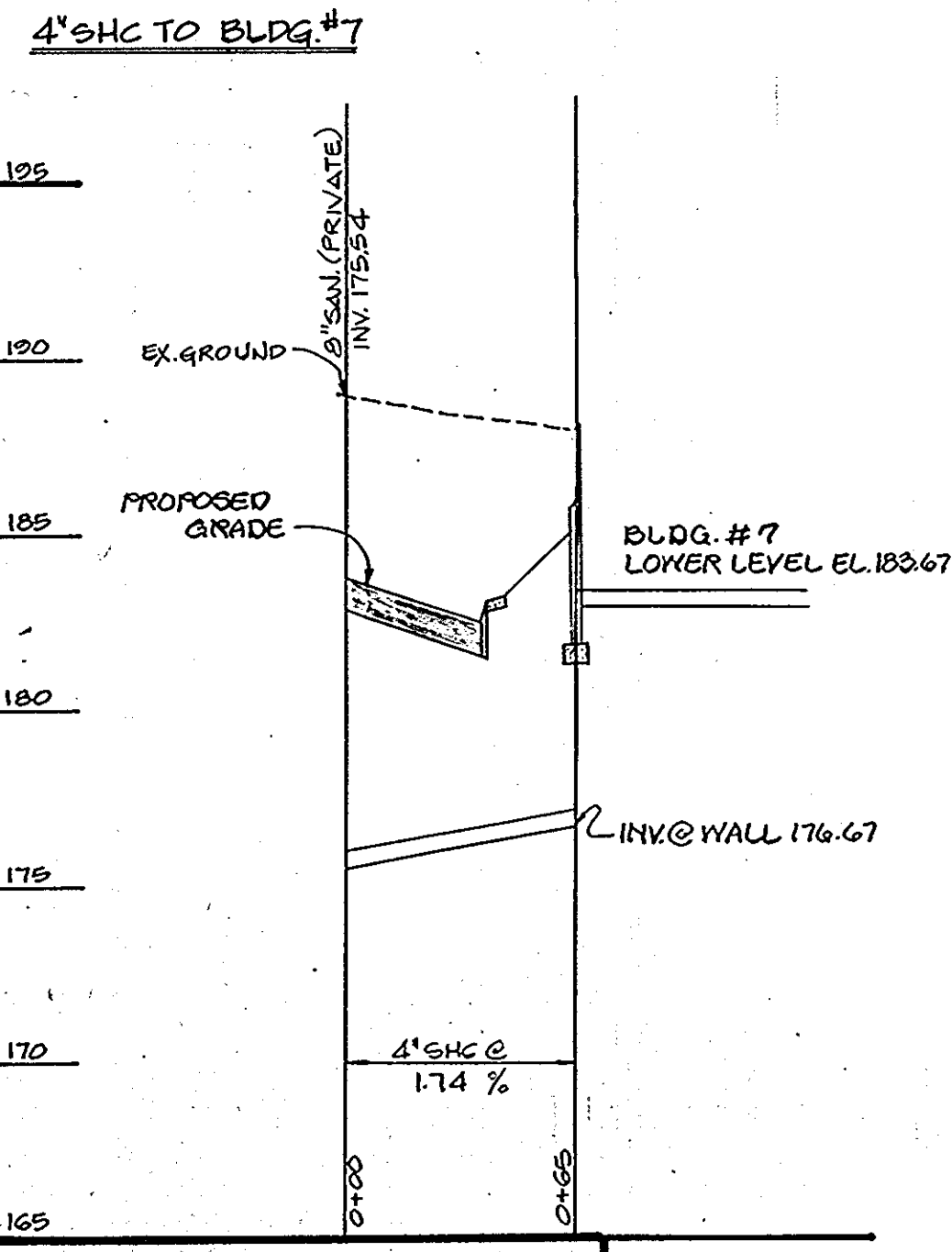
TYPICAL PAVING SECTION (TENNIS COURT ONLY)

GENERAL NOTES

1. ALL PLAYING LINES WILL BE 2" IN WIDTH AND WILL BE PAINTED WHITE. LINES WILL BE PAINTED AFTER COLOR-COAT HAS CURED.
2. ALL IN-BOUND LANES WILL BE COLOR-COATED GREEN.
3. ALL OUT-BOUND LANES WILL BE COLOR-COATED RED.



TENNIS COURT DETAILS
NOT TO SCALE



APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 7-1-87



DEVELOPER:
PULTE HOME CORPORATION
NORTHERN VIRGINIA DIVISION
SUITE 201
8200 GREENSBORO DRIVE
MCLEAN, VIRGINIA 22102
TEL: (703) 734-1030

Owner:
ING/PINE RIDGE ASSOCIATES
5457 TWIN KNOLLS ROAD
COLUMBIA, MARYLAND 21045
TEL: (301) 995-0760

Dewberry & Davis
ARCHITECTS ENGINEERS PLANNERS SURVEYORS
3300 N Ridge Road
Suite 100
Ellicott City, Maryland
21043
(301) 461-7478 BALTIMORE
(301) 621-4970 WASHINGTON

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 SOIL CONSERVATION DISTRICT.

STATE OF MARYLAND
REGISTERED PROFESSIONAL ENGINEER
DATE 7/1/87

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 NATURAL RESOURCES 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 OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

DATE 7/1/87

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
DATE 9-10-87

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS.
DATE 9-16-87

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.
DATE 9-16-87

APPROVED: OFFICE OF PLANNING AND ZONING
DATE 9-17-87

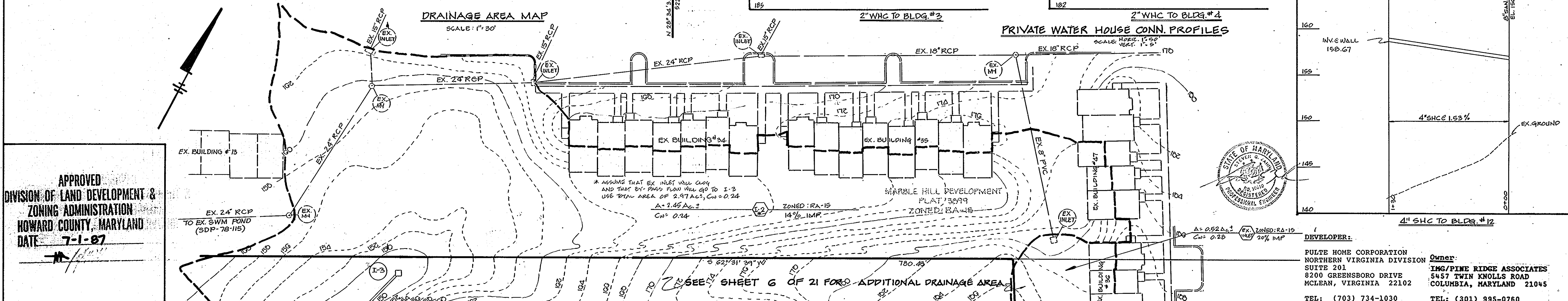
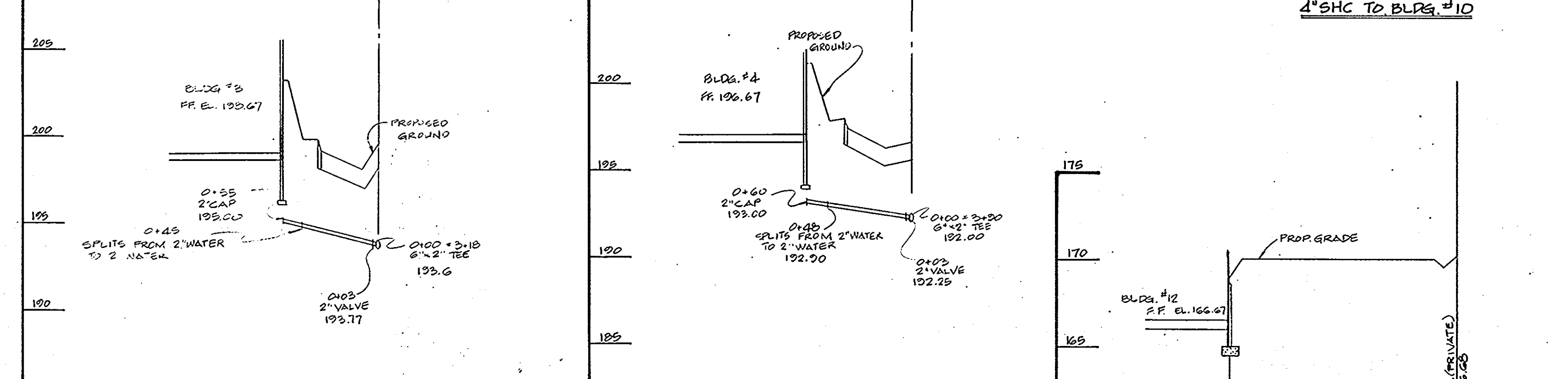
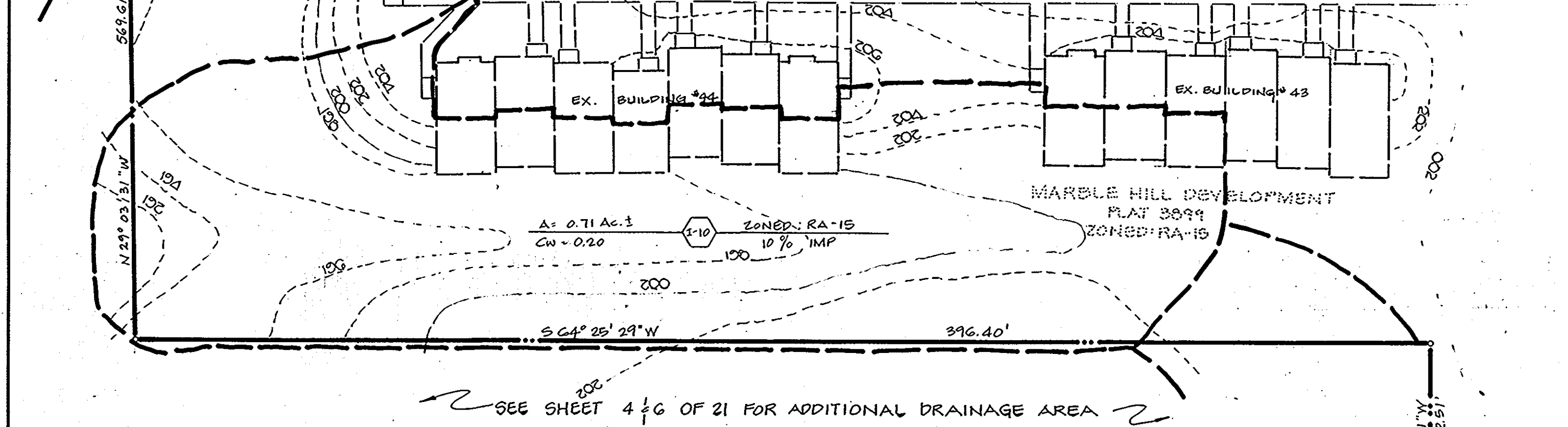
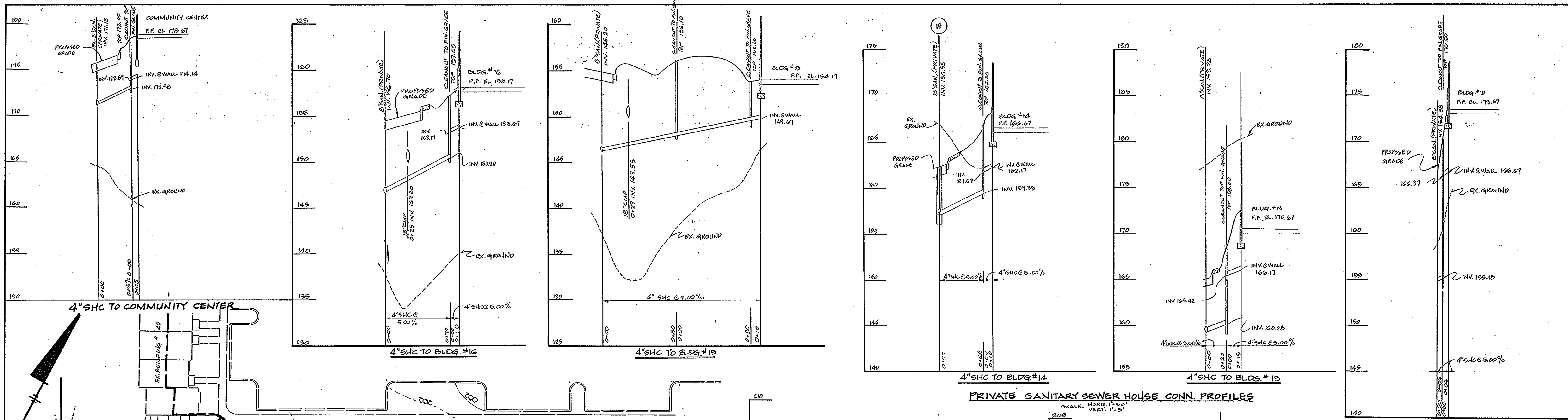
SUBDIVISION NAME PINE RIDGE	SECTION/AREA NA	PARCEL NUMBER 0.010
PLAT NO. 7301-7305	BLOCK NO. 10+13	ZONE EA-15
TAX/ZONE 37+38	ELEC. DIST. 18T	CENSUS TR. 2012
WATER CODE A02	SEWER CODE 2152200	

PRIVATE SEWER HOUSE CONNECTIONS AND DETAILS

PINE RIDGE
TAX MAP 37 PARCEL A,B,C
1ST. ELECTION DISTRICT HOWARD CO. MD.

SCALE: AS SHOWN
FEBRUARY 20, 1987
SHEET 15 OF 21

S.D.P. 87-166



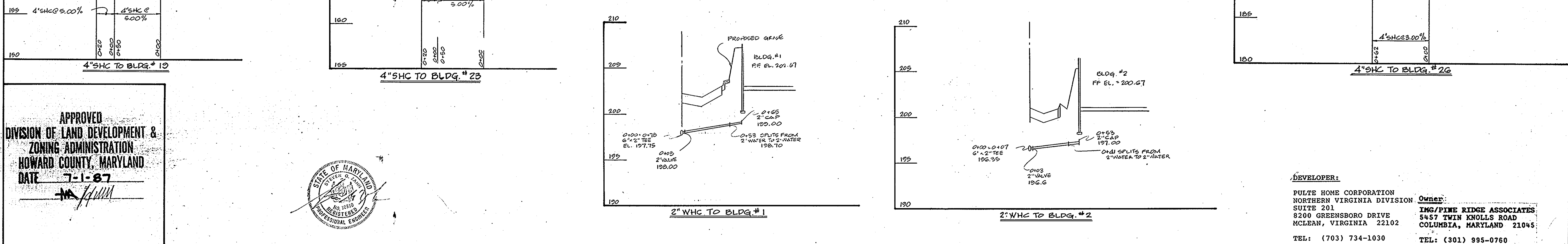
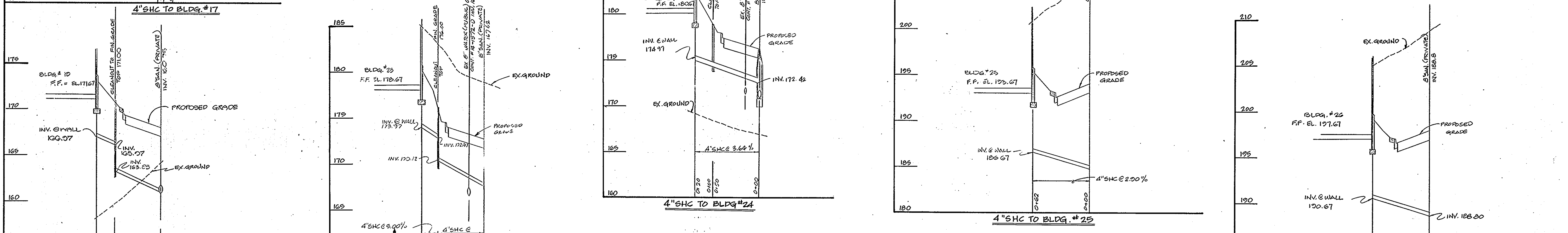
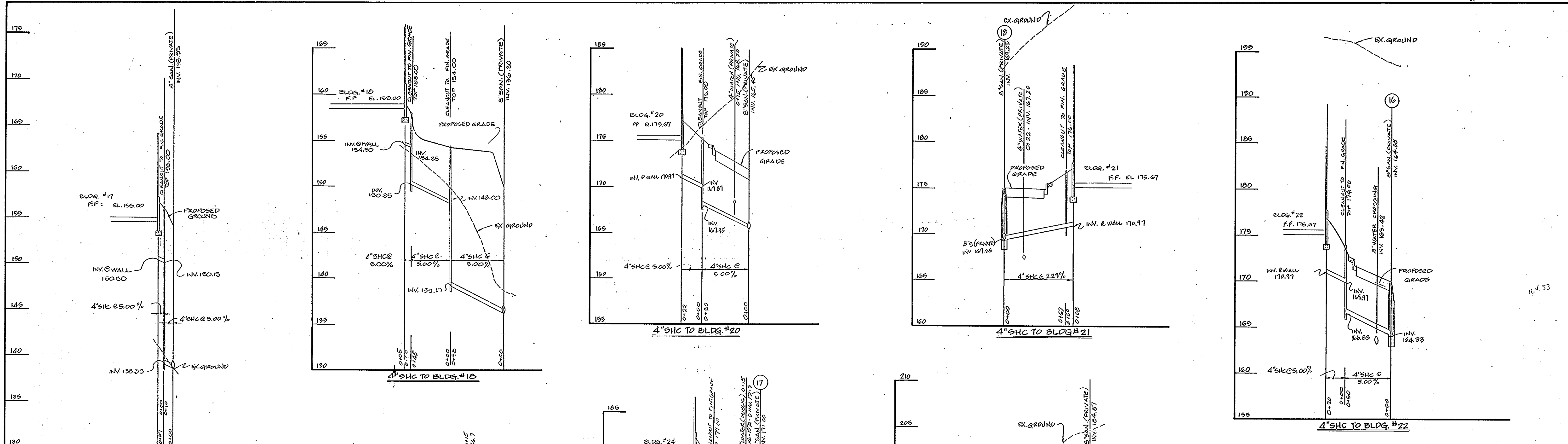
APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE: 7-1-87



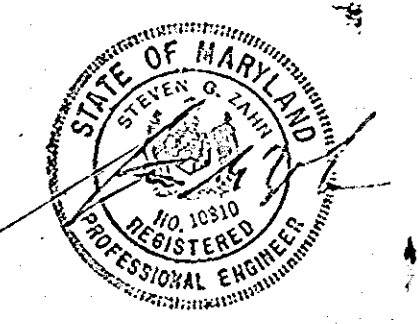
DEVELOPER:
PULTE HOME CORPORATION
NORTHERN VIRGINIA DIVISION
SUITE 201
8200 GREENSBORO DRIVE
MCLEAN, VIRGINIA 22102
TEL: (703) 734-1030

Owner:
IMG/PINE RIDGE ASSOCIATES
5457 TWIN KNOLLS ROAD
COLUMBIA, MARYLAND 21045
TEL: (301) 995-0760

Dewberry & Davis ARCHITECTS ENGINEERS PLANNERS SURVEYORS 3300 N. Ridge Road Suite 100 Ellicott City, Maryland 21043 (301) 461-7478 BALTIMORE (301) 621-4970 WASHINGTON	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 REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT. DATE: 8/12/87 SIGNATURE OF ENGINEER: [Signature]	DEVELOPER'S CERTIFICATE I HEREBY CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY. DATE: 7/17/87 SIGNATURE OF DEVELOPER: [Signature]	REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS. DATE: 9-10-87 SIGNATURE: [Signature] HOWARD SOIL CONSERVATION DISTRICT	APPROVED: OFFICE OF PLANNING AND ZONING DATE: 2-19-87 SIGNATURE: [Signature] PLANNING DIRECTOR	APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS. DATE: 9/16/87 SIGNATURE: [Signature] DIRECTOR, PUBLIC WORKS
	APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS. DATE: 9-16-87 SIGNATURE: [Signature] HEALTH OFFICER	DRAINAGE AREA MAP PINE RIDGE TAX MAP 37 PARCEL A, B, C 1ST. ELECTION DISTRICT HOWARD CO. MD. SCALE: AS SHOWN FEBRUARY 20, 1987 SHEET 10 OF 21		APPROVED: [Signature] 9-14-87 CHIEF, BUREAU OF ENGINEERING	SUBDIVISION NAME: PINE RIDGE SECTION/AREA: N.A. PARCEL NUMBER: 9, 86 C PLAT NO.: 7301-7305 BLOCK NO.: 10+13 ZONE: RA-15 TAX/ZONE: 37+39 ELEC. DIST.: 1ST CENSUS TR.: 2012 WATER CODE: A02 SEWER CODE: 2152200



APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 7-1-87



DEVELOPER:
 PULTE HOME CORPORATION
 NORTHERN VIRGINIA DIVISION
 SUITE 201
 8200 GREENSBORO DRIVE
 MCLEAN, VIRGINIA 22102
 TEL: (703) 734-1030

Owner:
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 5457 TWIN KNOLLS ROAD
 COLUMBIA, MARYLAND 21045
 TEL: (301) 995-0760

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 3300 N. Ridge Road
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 Ellicott City, Maryland
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 (301) 621-4970 WASHINGTON

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2/13/87

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 NATURAL RESOURCES 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 OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

2/19/87

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

9-10-87

U.S. SOIL CONSERVATION SERVICE

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

9/10/87

HOWARD SOIL CONSERVATION DISTRICT

APPROVED: OFFICE OF PLANNING AND ZONING

9/14/87

PLANNING DIRECTOR

9-17-87

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

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

9-16-87

HEALTH OFFICER

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

9-14-87

DIRECTOR, PUBLIC WORKS

CHIEF, BUREAU OF ENGINEERING

SUBDIVISION NAME	SECTION/AREA	PARCEL NUMBER
PINE RIDGE	N.A.	A, B & C
PLAT NO.	BLOCK NO.	ZONE
7801-7985	10+10	RA-15
TAX/ZONE	ELEC. DIST.	CENSUS TR.
37430	1ST	6012
WATER CODE	SEWER CODE	
002	2152200	

PRIVATE SEWER/WATER HOUSE CONNECTIONS

PINE RIDGE

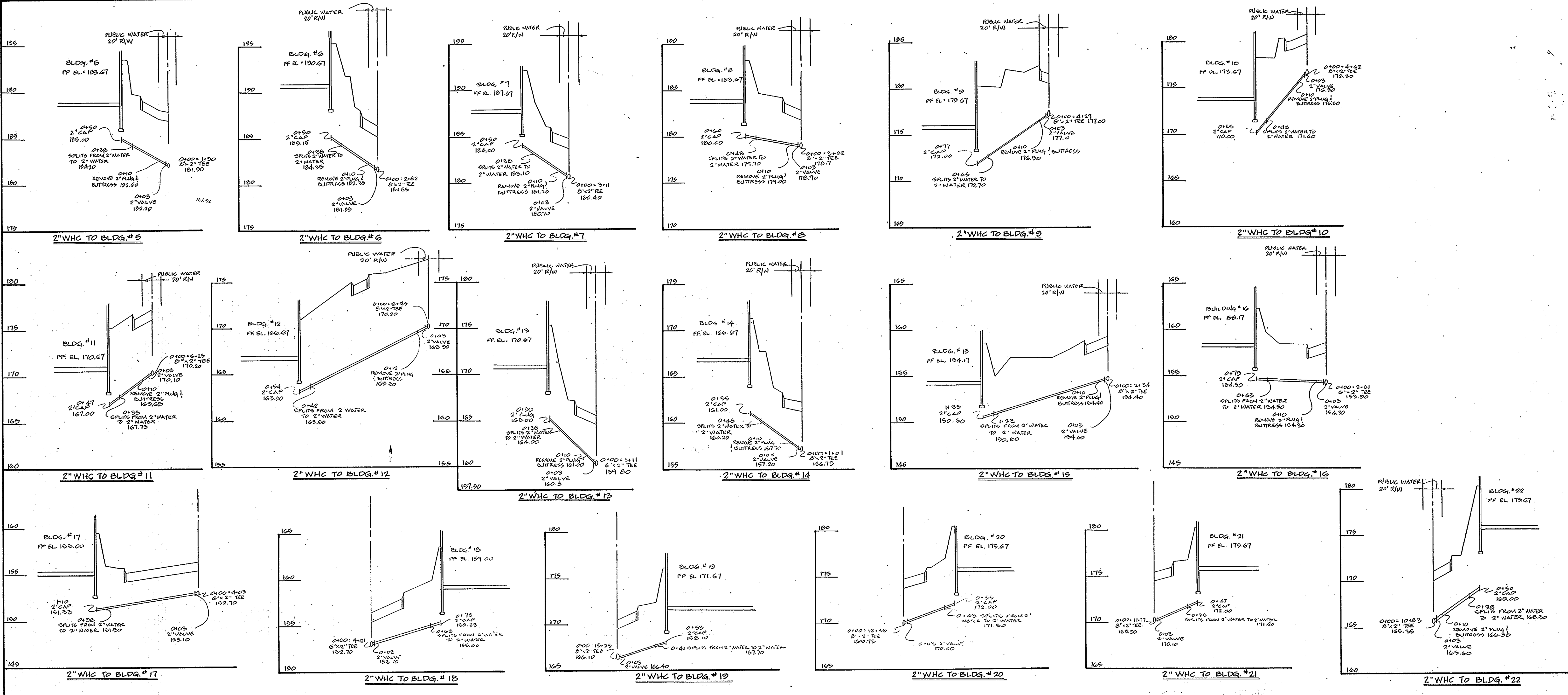
TAX MAP 37 PARCEL A, B, C

1ST. ELECTION DISTRICT HOWARD CO. MD.

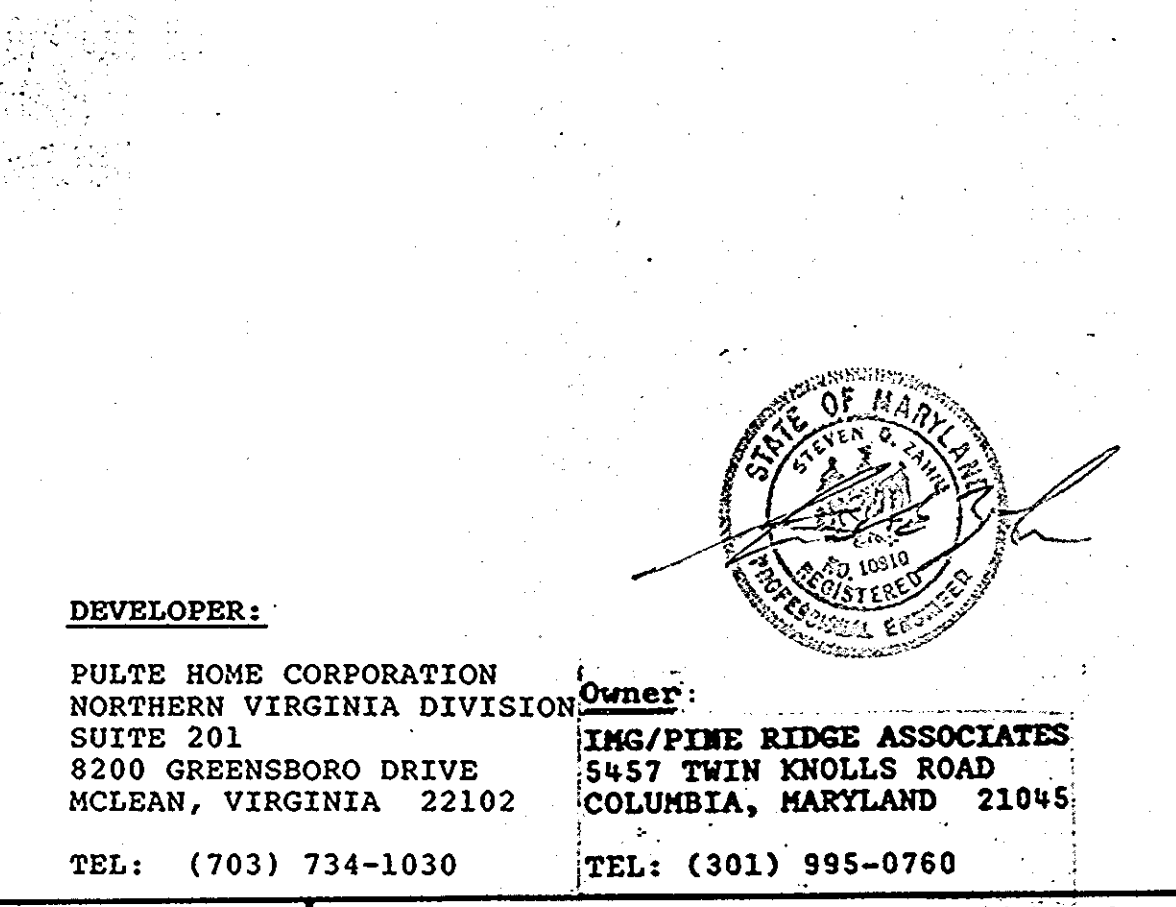
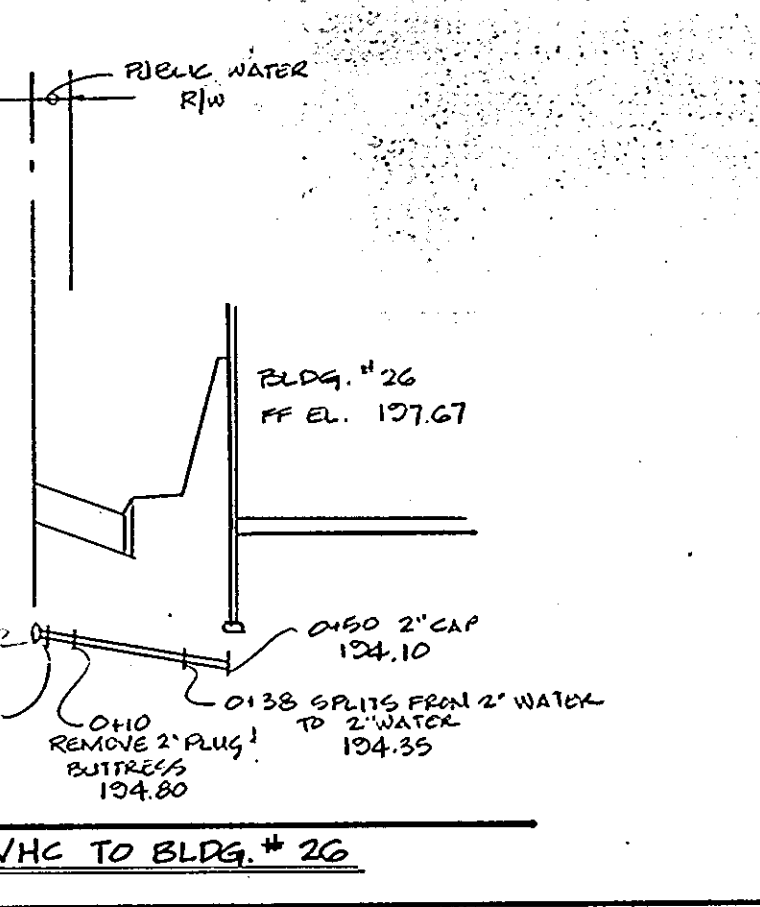
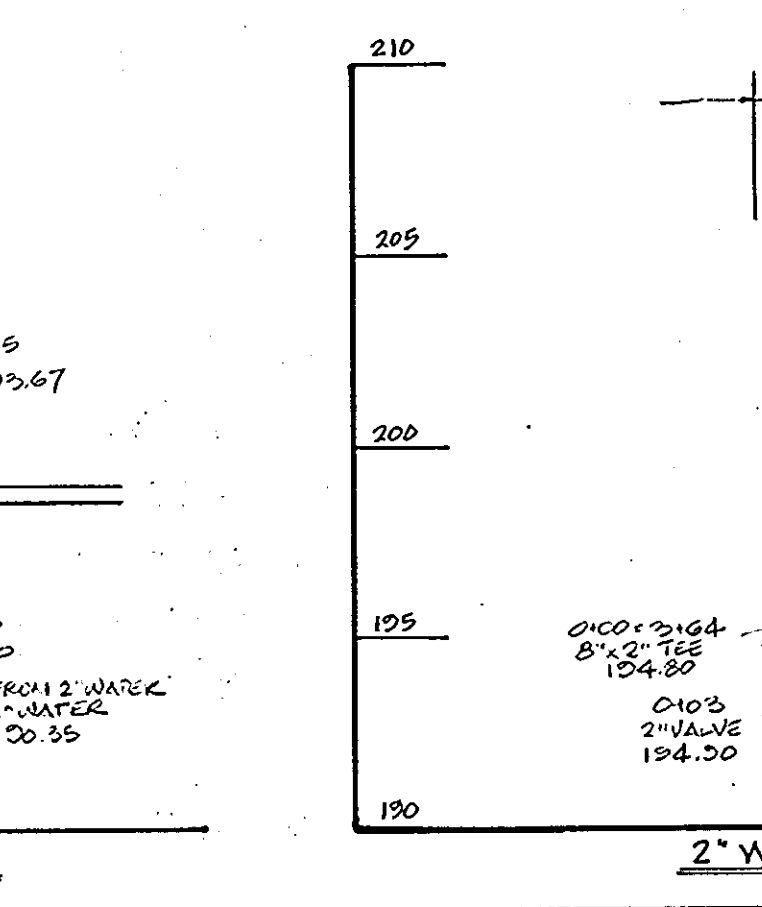
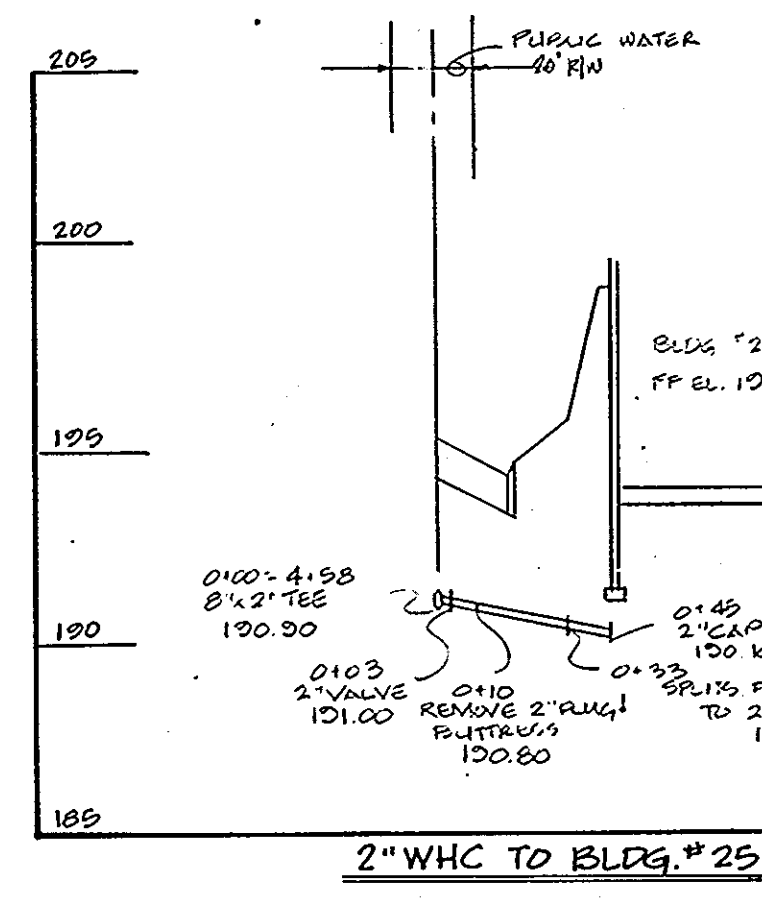
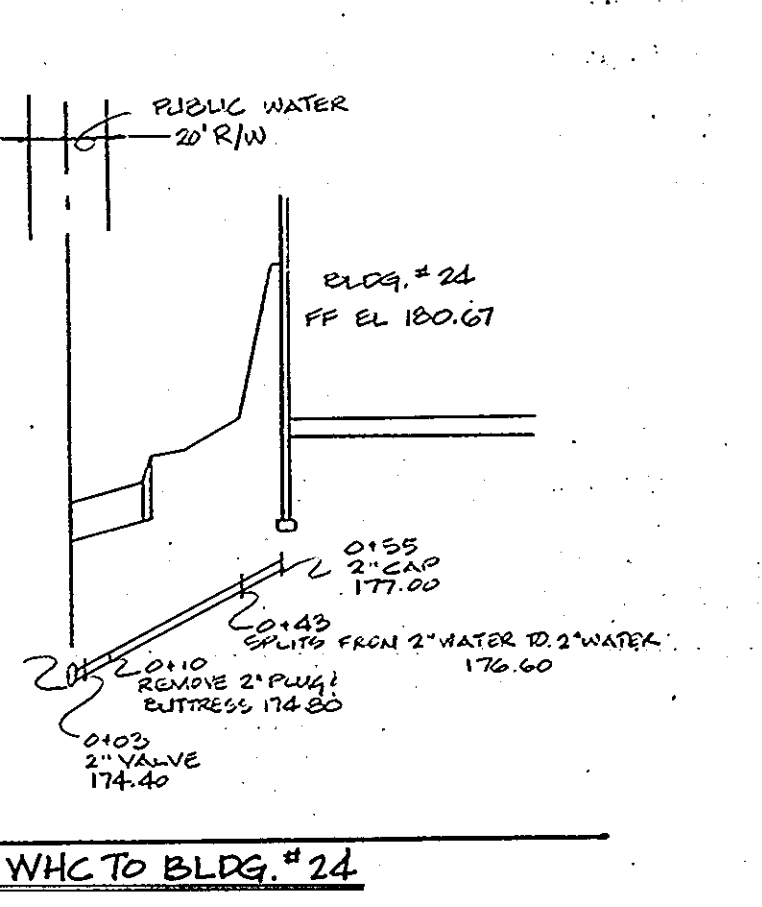
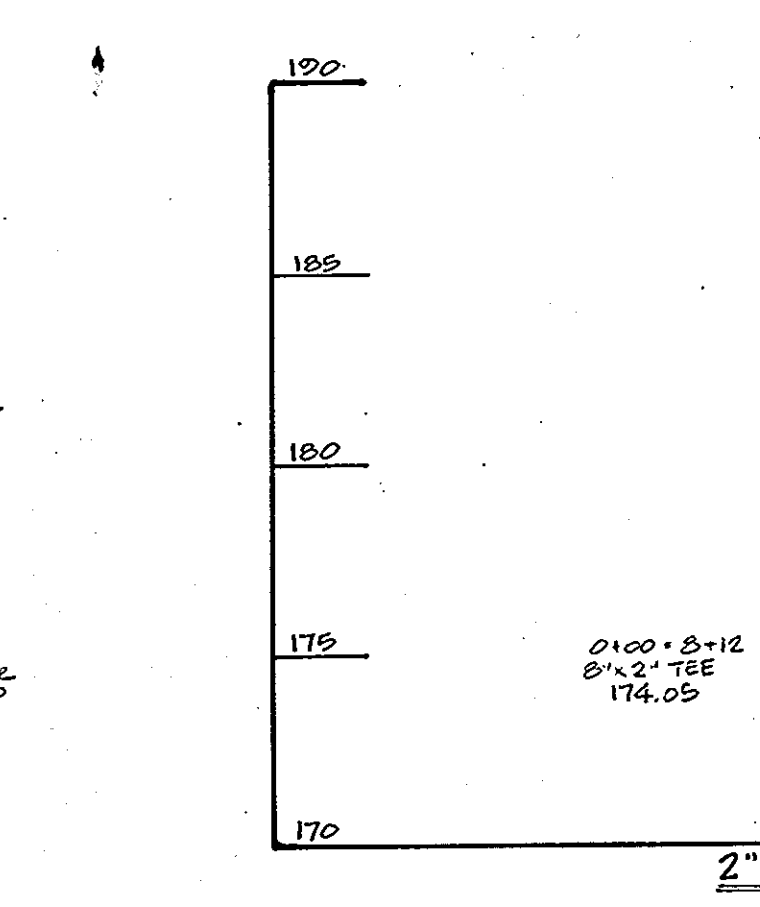
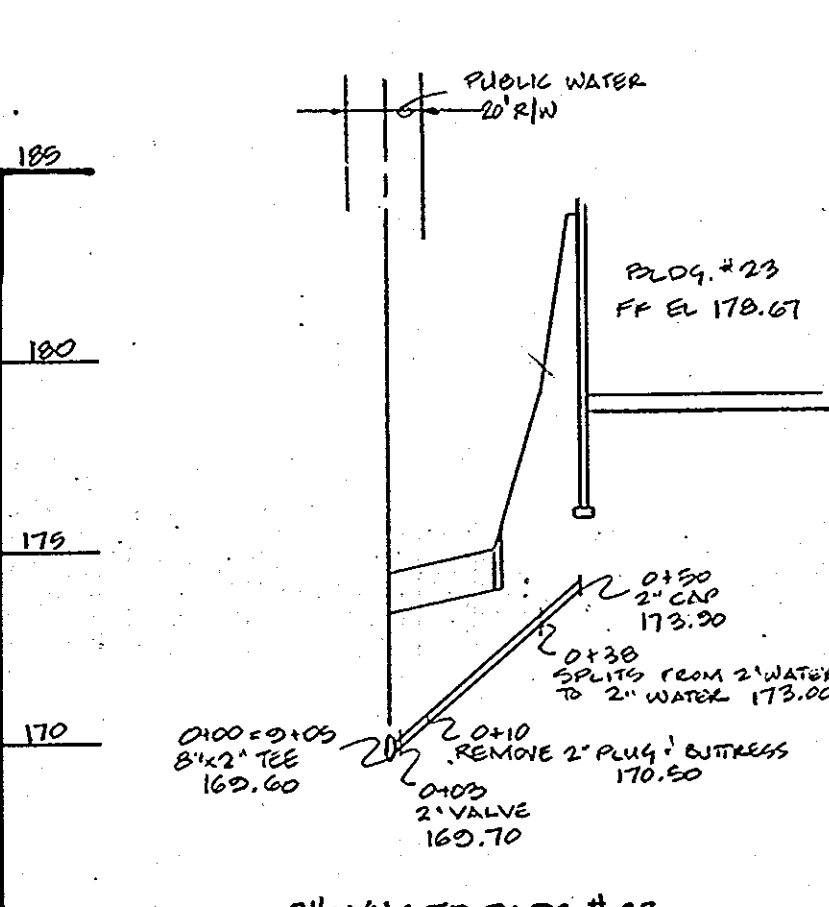
SCALE: AS SHOWN

FEBRUARY 20, 1987

SHEET 17 OF 21



APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE: 7-1-87



Dewberry & Davis
 ARCHITECTS ENGINEERS PLANNERS SURVEYORS
 3300 N. Ridge Road
 Suite 100
 Ellicott City, Maryland
 21043
 (301) 461-7478 BALTIMORE
 (301) 621-4970 WASHINGTON

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 REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 SIGNATURE OF ENGINEER: [Signature]
 DATE: 2/18/87

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 NATURAL RESOURCES 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 OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.
 SIGNATURE OF DEVELOPER: [Signature]
 DATE: 2/19/87

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
 SIGNATURE: [Signature]
 DATE: 9-10-87
 U.S. SOIL CONSERVATION SERVICE
 THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 APPROVED: [Signature]
 DATE: 9/10/87
 HOWARD SOIL CONSERVATION DISTRICT

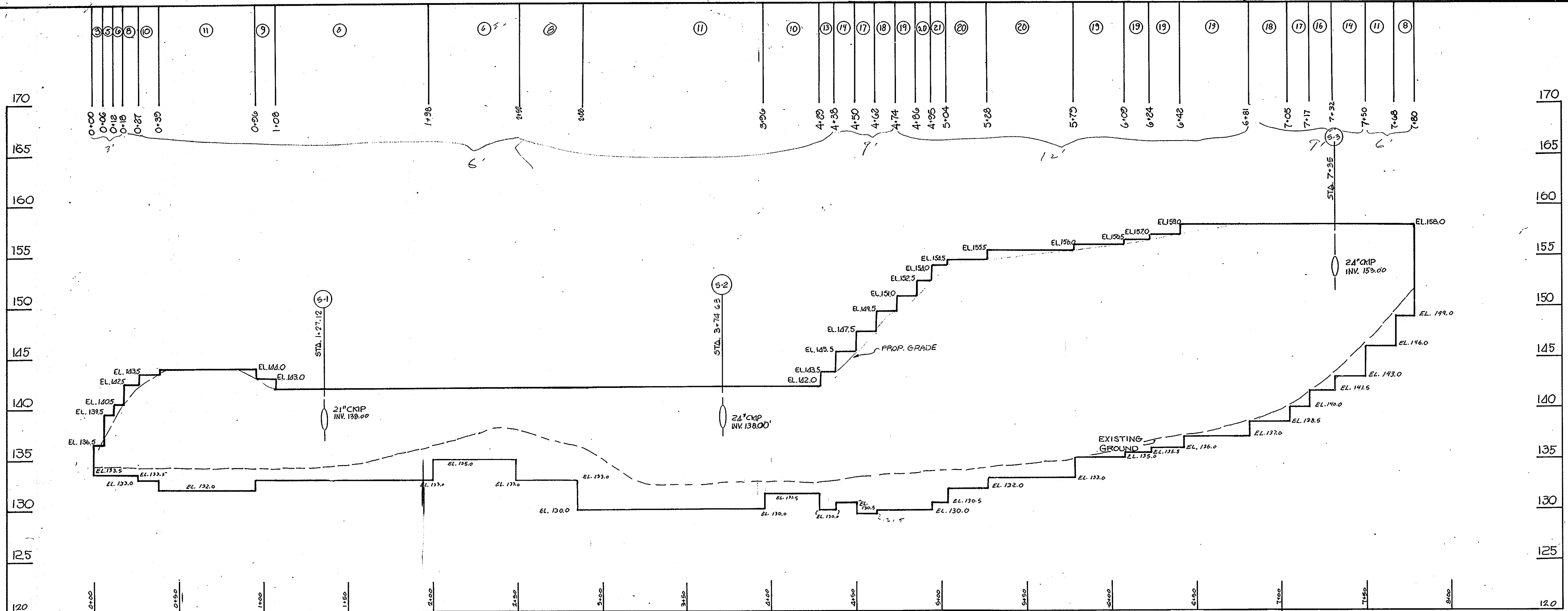
APPROVED: OFFICE OF PLANNING AND ZONING
 SIGNATURE: [Signature]
 DATE: 9-17-87
 PLANNING DIRECTOR
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
 APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS.
 SIGNATURE: [Signature]
 DATE: 9-16-87
 HEALTH OFFICER

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.
 SIGNATURE: [Signature]
 DATE: 9/14/87
 DIRECTOR, PUBLIC WORKS
 CHIEF, BUREAU OF ENGINEERING
 SUBDIVISION NAME: PINE RIDGE
 SECTION/AREA: N.A.
 PARCEL NUMBER: 0.050
 PLAT NO.: 7301-7305
 BLOCK NO.: 10-15
 ZONE: RA-15
 TAX/ZONE: 374-25
 ELEC. DIST.: 1ST
 CENSUS TR.: 6012
 WATER CODE: 002
 SEWER CODE: 2152200

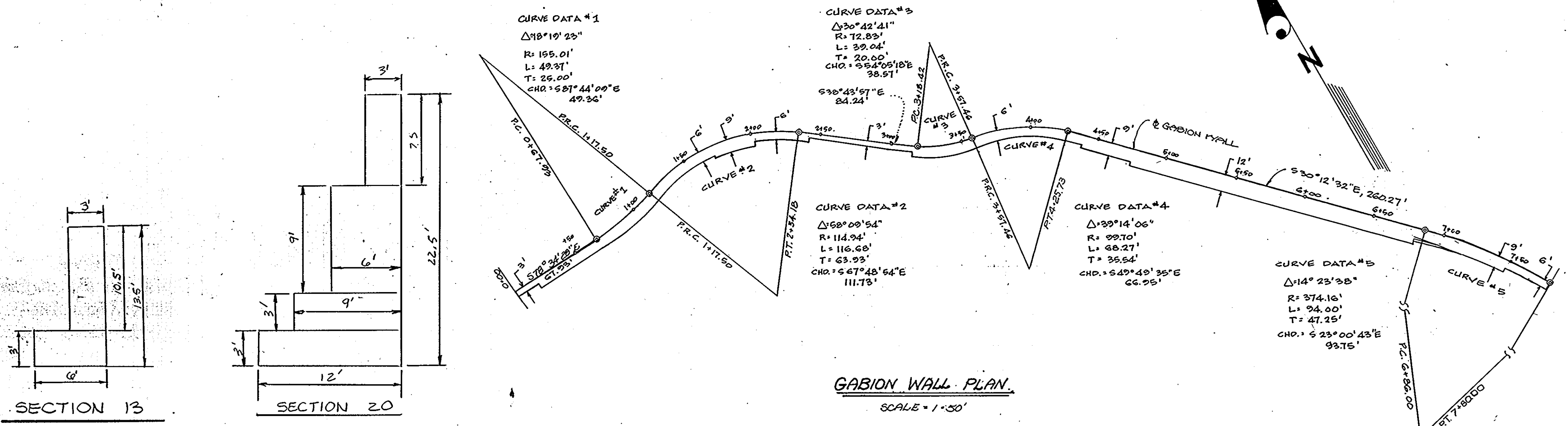
PRIVATE WATER HOUSE CONNECTIONS
PINE RIDGE
 TAX MAP 37 PARCEL A,B,C
 1ST. ELECTION DISTRICT HOWARD CO. MD.
 SCALE: AS SHOWN
 FEBRUARY 20, 1987
 SHEET 18 OF 21
 S.D.P. - 87-166



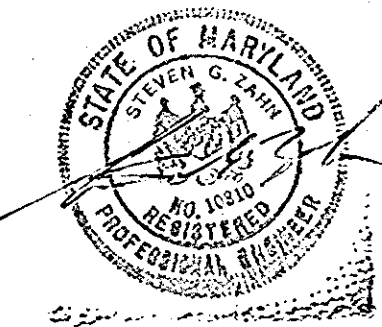
DEVELOPER:
 PULTE HOME CORPORATION
 NORTHERN VIRGINIA DIVISION
 SUITE 201
 8200 GREENSBORO DRIVE
 MCLEAN, VIRGINIA 22102
 TEL: (703) 734-1030
Owner:
 ING/PINE RIDGE ASSOCIATES
 5457 TWIN KNOLLS ROAD
 COLUMBIA, MARYLAND 21045
 TEL: (301) 995-0760



PROFILE ALONG GABION WALL
SCALE: HORIZ. 1"=30'
VERT. 1"=5'



APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 7-1-87
M. J. [Signature]



DEVELOPER:
PULTE HOME CORPORATION
NORTHERN VIRGINIA DIVISION
SUITE 201
8200 GREENSBORO DRIVE
MCLEAN, VIRGINIA 22102
TEL: (703) 734-1030

OWNER:
IMG/PINE RIDGE ASSOCIATES
5457 TWIN KNOLLS ROAD
COLUMBIA, MARYLAND 21045
TEL: (301) 995-0760

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ARCHITECTS ENGINEERS PLANNERS SURVEYORS
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[Signature]
SIGNATURE OF ENGINEER
DATE 8/18/87

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 NATURAL RESOURCES 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 OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."
[Signature]
SIGNATURE OF DEVELOPER
DATE 2/19/87

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
[Signature] 7-10-87
U.S. SOIL CONSERVATION SERVICE
DATE
THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
[Signature] 9/16/87
APPROVED
DISTRICT HEALTH OFFICER
HOWARD SOIL CONSERVATION DISTRICT

APPROVED: DEPARTMENT OF PUBLIC WORKS
FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.
[Signature] 9/14/87
DIRECTOR, PUBLIC WORKS
DATE
[Signature] 9-14-87
CHIEF, BUREAU OF ENGINEERING
DATE
APPROVED: HOWARD COUNTY HEALTH DEPARTMENT
FOR PUBLIC WATER AND SEWERAGE SYSTEMS.
[Signature] 9-16-87
HEALTH OFFICER
DATE

APPROVED: OFFICE OF PLANNING AND ZONING
[Signature] 9-11-87
PLANNING DIRECTOR
DATE
[Signature] 9-15-87
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
DATE
SUBDIVISION NAME: PINE RIDGE
SECTION/AREA: N/A
PARCEL NUMBER: 0.040
PLAT NO.: 7801-7805
BLOCK NO.: 18+15
TAX ZONE: RA-15
ELEC. DIST.: 57-28
CENSUS TR.: 1977
WATER CODE: 402
SEWER CODE: 2152200

GABION WALL PLAN & PROFILE
PINE RIDGE
TAX MAP 37 PARCEL A, B, C
1ST. ELECTION DISTRICT HOWARD CO. MD.
SCALE: AS SHOWN
FEBRUARY 20, 1987
SHEET 00F 21
S.D.P. 87-166

CONSTRUCTION NOTES / GABION WALL

INSTALLATION

1. CLEAR THE SITE AND MAKE THE GROUND SURFACE SMOOTH AND EVEN.
2. PLACE THE ASSEMBLED GABION FRONT TO THE FRONT AND BACK TO THE BACK (SEE FIG. 3).
3. LACE THE PERIMETER OF ALL CONTACT SURFACES OF ADJACENT GABIONS.
4. WIRE THE TOP GABION TO THE GABION UNDERNEATH. (SEE BLOW-UP SECTION IN FIG. 5)
5. THE FIRST GABION SHALL BE FIRMLY ANCHORED AND TENSION SHALL BE APPLIED TO THE OTHER END WITH A COME-A-LONG OR OTHER MEANS IN ORDER TO ACHIEVE PROPER ALIGNMENT (SEE FIG. 6) ANCHORING CAN BE ACCOMPLISHED BY PARTIALLY FILLING THE FIRST GABION WITH STONE.
6. INSPECT ALL CORNERS FOR OPEN "V'S" WHICH WILL RESULT IF CORNERS WERE NOT PROPERLY SECURED. SUCH "V'S" MUST BE CLOSED BY RELACING.

FILLING

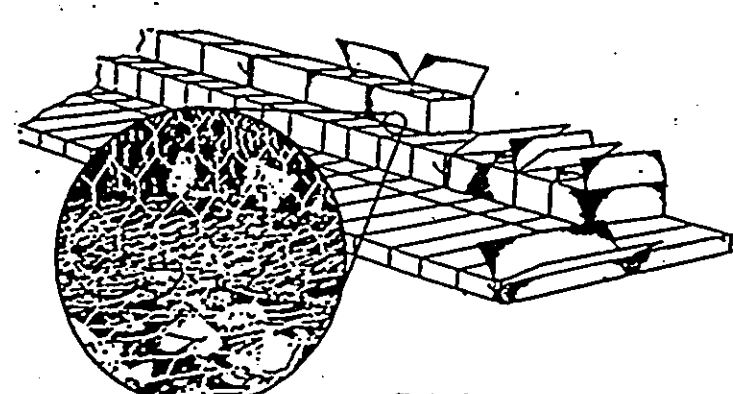
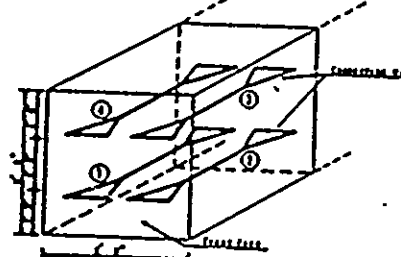
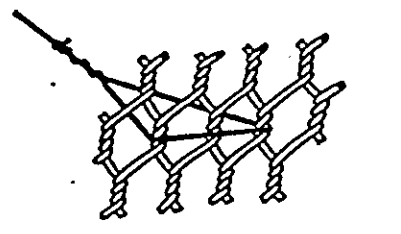
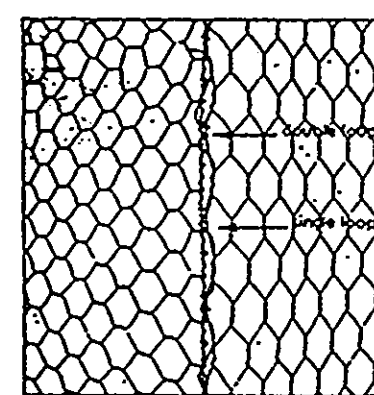
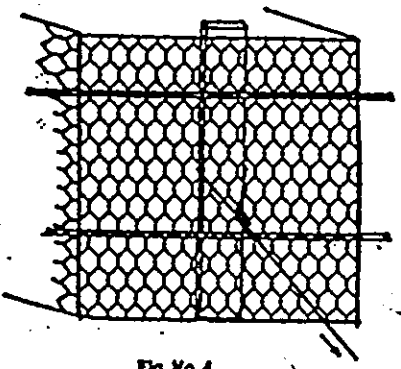
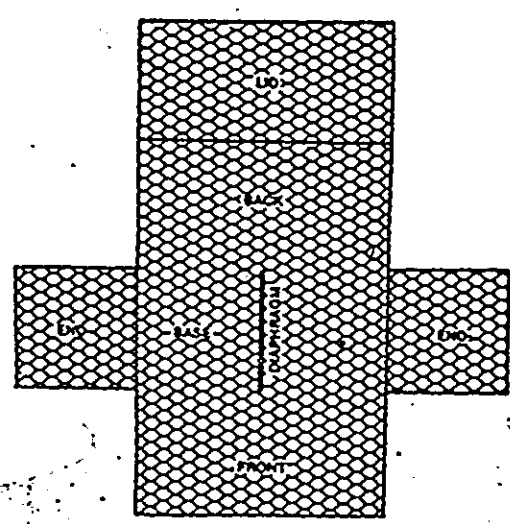
1. THE FILL MATERIAL SHALL CONSIST OF HARD DURABLE STONE, GRADED BETWEEN 4 TO 8 INCHES. ALL STONE MUST BE OF SIZE LARGE ENOUGH TO BE RETAINED WITHIN THE MESH.
2. GABIONS SHALL BE FILLED IN LIFTS OF ONE FOOT AT A TIME. TWO CONNECTING WIRES SHALL BE PLACED BETWEEN EACH LIFT IN EACH CELL OF ALL EXPOSED SPACES AND FIRMLY WIRED AS INDICATED IN FIGS. 5 AND 6.

ASSEMBLY

1. STRETCH THE GABION AND STAMP OUT ALL KINKS (SEE FIG. 1)
2. FOLD THE FRONT AND BACK PANELS TO A RIGHT ANGLE. FOLD UP THE END PANELS AND DIAPHRAGMS AND FASTEN THEM TO THE FRONT AND BACK PANELS USING THE HEAVY GAUGE WIRE PROTECTING FROM THE UPPER CORNER OF EACH PANEL.
3. LACING PROCEDURE: CUT A LENGTH OF LACING WIRE APPROXIMATELY 1 1/2 TIMES THE DISTANCE TO BE LACED, BUT NOT EXCEEDING 5 FEET. NEXT, SECURE THE WIRE TERMINAL AT THE CORNER BY LOOPING AND TWISTING, THEN PROCEED LACING WITH SINGLE AND DOUBLE LOOPS AT APPROXIMATELY FIVE (5) INCH INTERVALS (SEE FIG. 2)

GENERAL NOTES

1. GABIONS MAY BE READILY CUT OR BENT TO ALLOW THE LAYING OF PIPELINE. WHERE THIS IS DONE THE CUT OR BENT EDGES OF THE MESH MUST BE FASTENED SECURELY TO ANOTHER PART OF THE STRUCTURE.
2. GABIONS MAY BE FILLED BY EARTH-HANDLING EQUIPMENT. SOME MANUAL STONE ADJUSTMENT IS REQUIRED TO PREVENT UNDUVE VOIDS.
3. THE EXPOSED FACES SHOULD BE HAND-PLACED USING SELECTED STONE. THE LAST LIFT OF STONE SHOULD BE LEVEL WITH THE TOP OF THE GABION TO PROPERLY CLOSE THE LID AND PROVIDE AN EVEN SURFACE FOR THE NEXT COURSE.



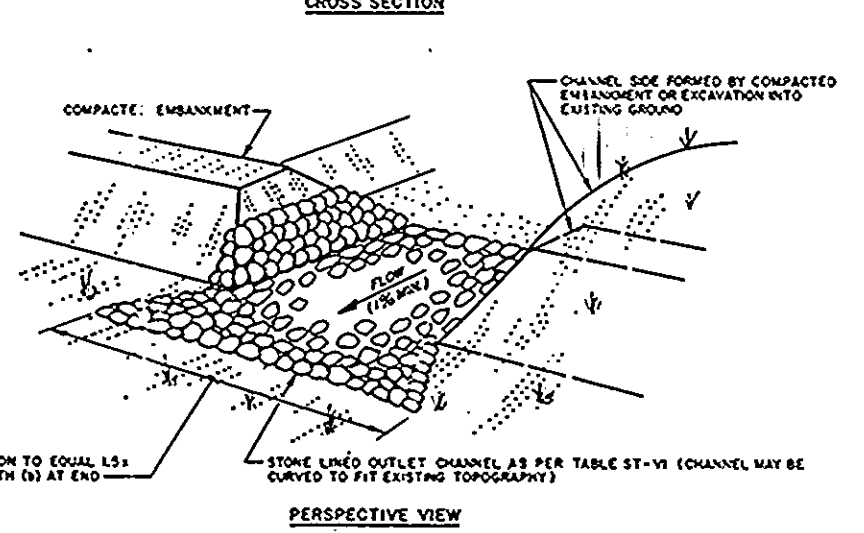
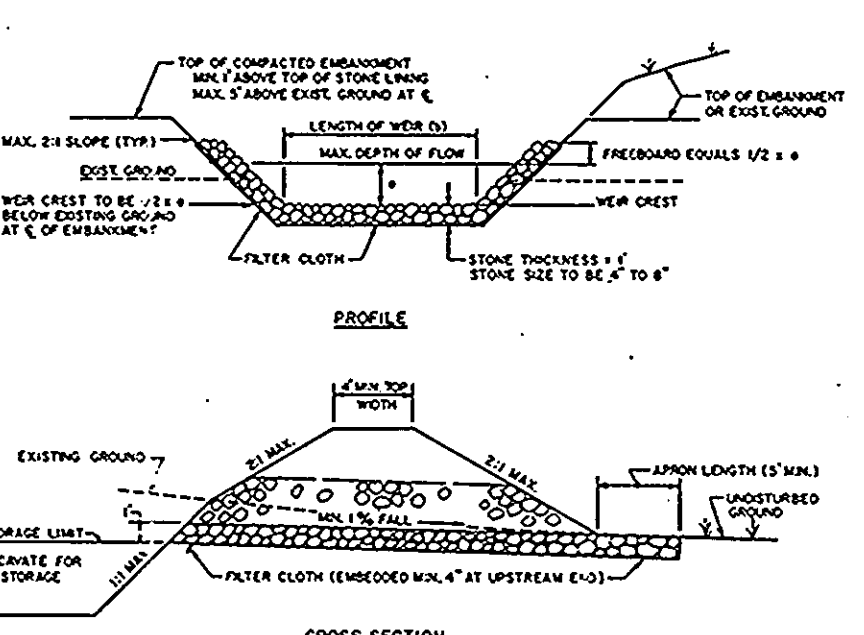
Riprap Outlet Sediment Trap

ST-VI (for Stone Lined Channel)

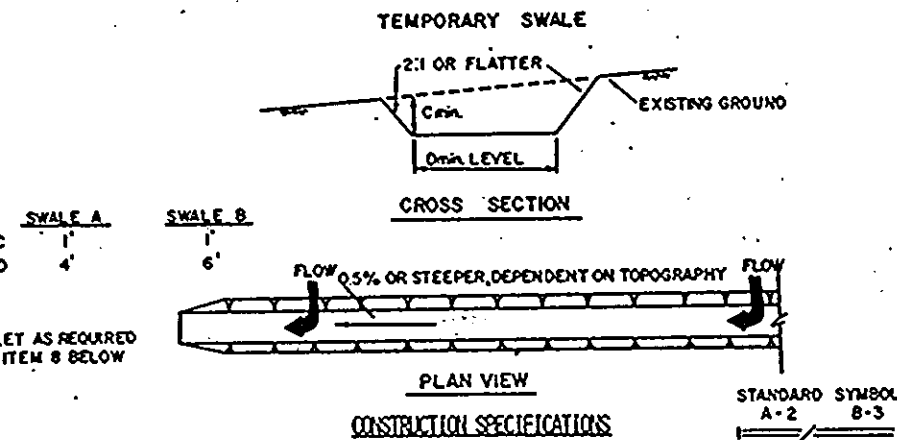
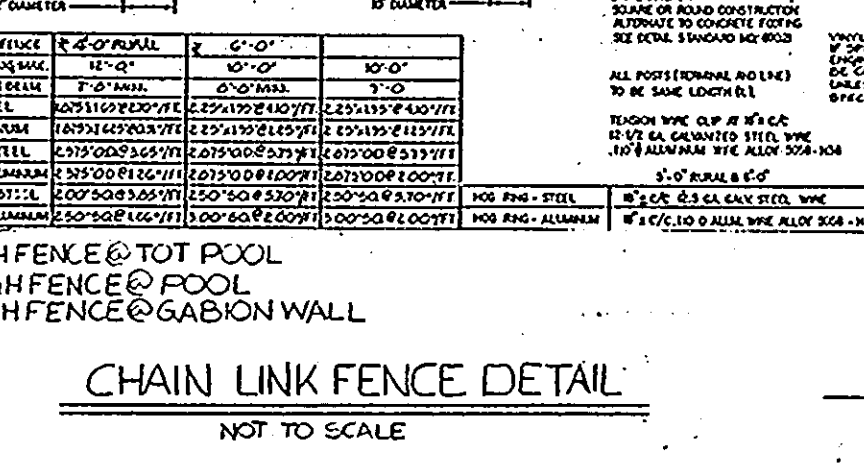
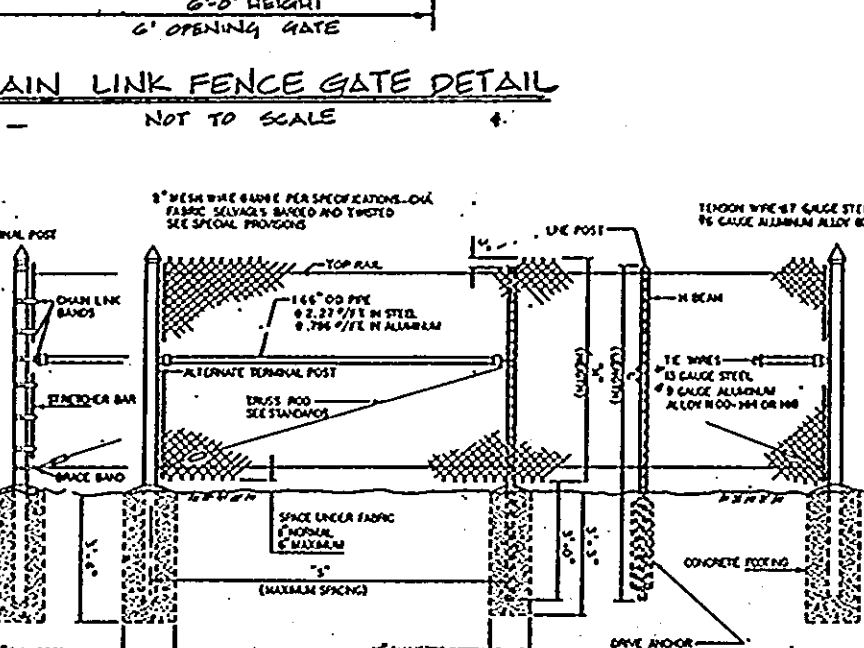
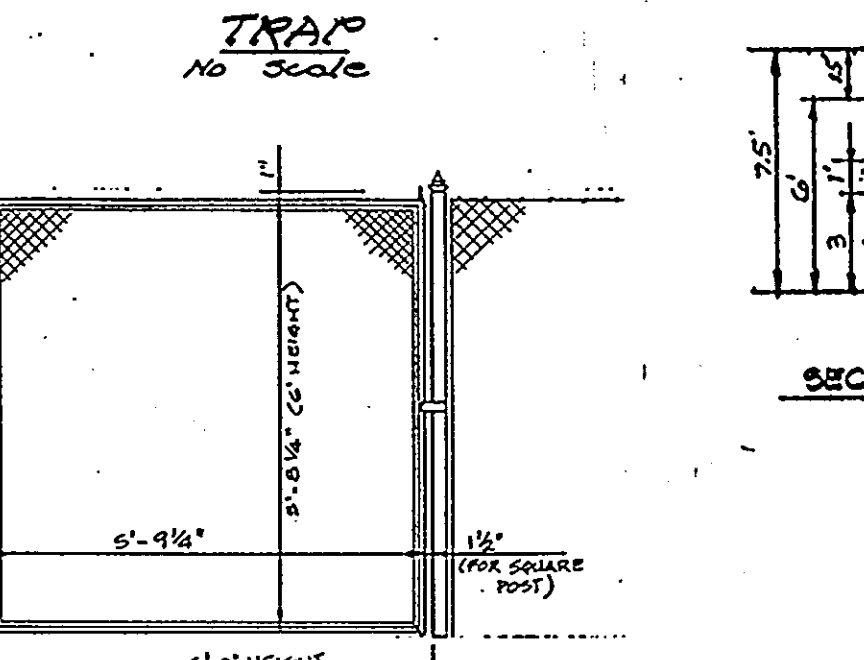
Contributing Drainage Area (Acres)	Depth of Channel (Feet)	Length of Weir (ft)
1	1.5	4.0
2	1.5	5.0
3	1.5	6.0
4	1.5	7.0
5	1.5	8.0
6	1.5	9.0
7	1.5	10.0
8	1.5	11.0
9	2.0	10.0
10	2.0	11.0
11	2.0	12.0
12	2.0	13.0
13	2.0	14.0
14	2.0	15.0
15	2.0	16.0

See Details for Riprap Outlet Sediment Trap on Standard Drawing VI.

RIPRAP OUTLET SEDIMENT TRAP ST-VI



RIPRAP OUTLET SEDIMENT TRAP



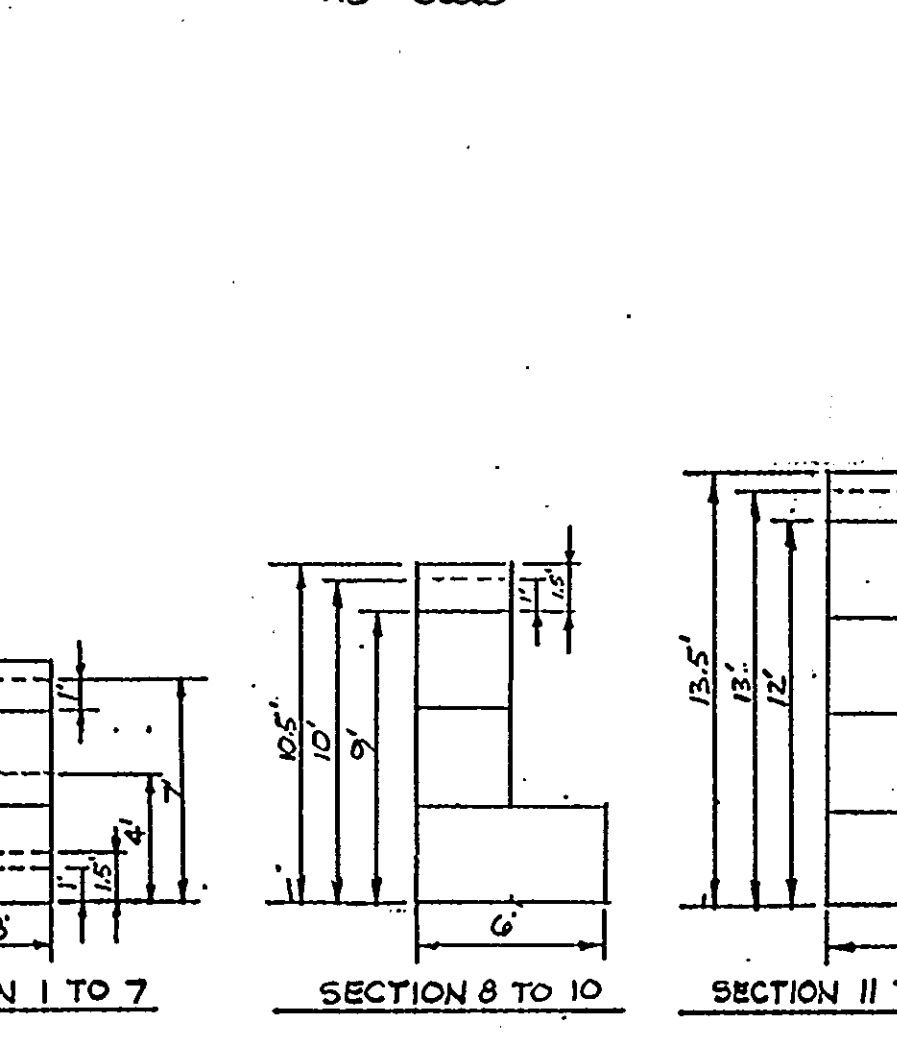
CONSTRUCTION SPECIFICATIONS

1. ALL TEMPORARY SWALES SHALL HAVE UNINTERRUPTED POSITIVE GRADE TO AN OUTLET.
2. DIVERTED RUNOFF FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE.
3. DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL OUTLET DIRECTLY INTO AN UNDISTURBED STABILIZED AREA AT NON-EROSIVE VELOCITY.
4. ALL TREES, SHRUBS, STUMPS, OBSTRUCTIONS, AND OTHER OBJECTIVE MATERIAL SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE SWALE.
5. THE SWALE SHALL BE EXCAVATED OR SHAPED TO LINE GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE CRITICAL SPECIFIED VELOCITY AND BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL DISRUPT NORMAL FLOW.
6. FILLS SHALL BE COMPACTED BY EARTH MOVING EQUIPMENT.
7. ALL EARTH REMOVED AND NOT USED ON CONSTRUCTION SHALL BE PLACED SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE SWALE.
8. STABILIZATION SHALL BE AS PER THE CHART BELOW:

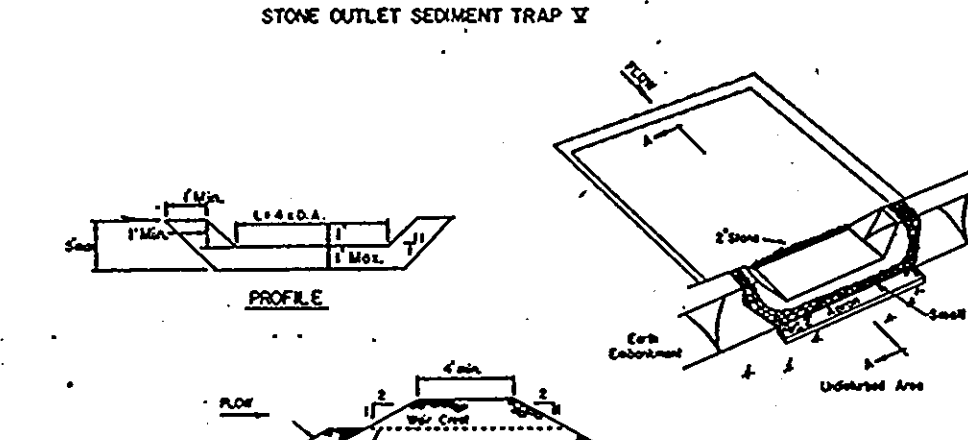
SOIL COVER STABILIZATION

TYPE OF TREATMENT	CHANNEL WIDTH (ft)	R (ft/yr or less)	R (ft/yr - 10 ft/yr)
1	0.5-3.0	SEED AND STRAW MULCH	SEED AND STRAW MULCH
2	3.1-5.0	SEED AND STRAW MULCH	SEED USING JUTE OR DECIJUTE
3	5.1-8.0	SEED WITH JUTE OR DECIJUTE	LINED WITH 4-6" RECYCLED CONCRETE EQUIVALENT
4	8.1-20.0	LINED 4-6" RIP-RAP	ENGINEERED DESIGN

TEMPORARY SWALE



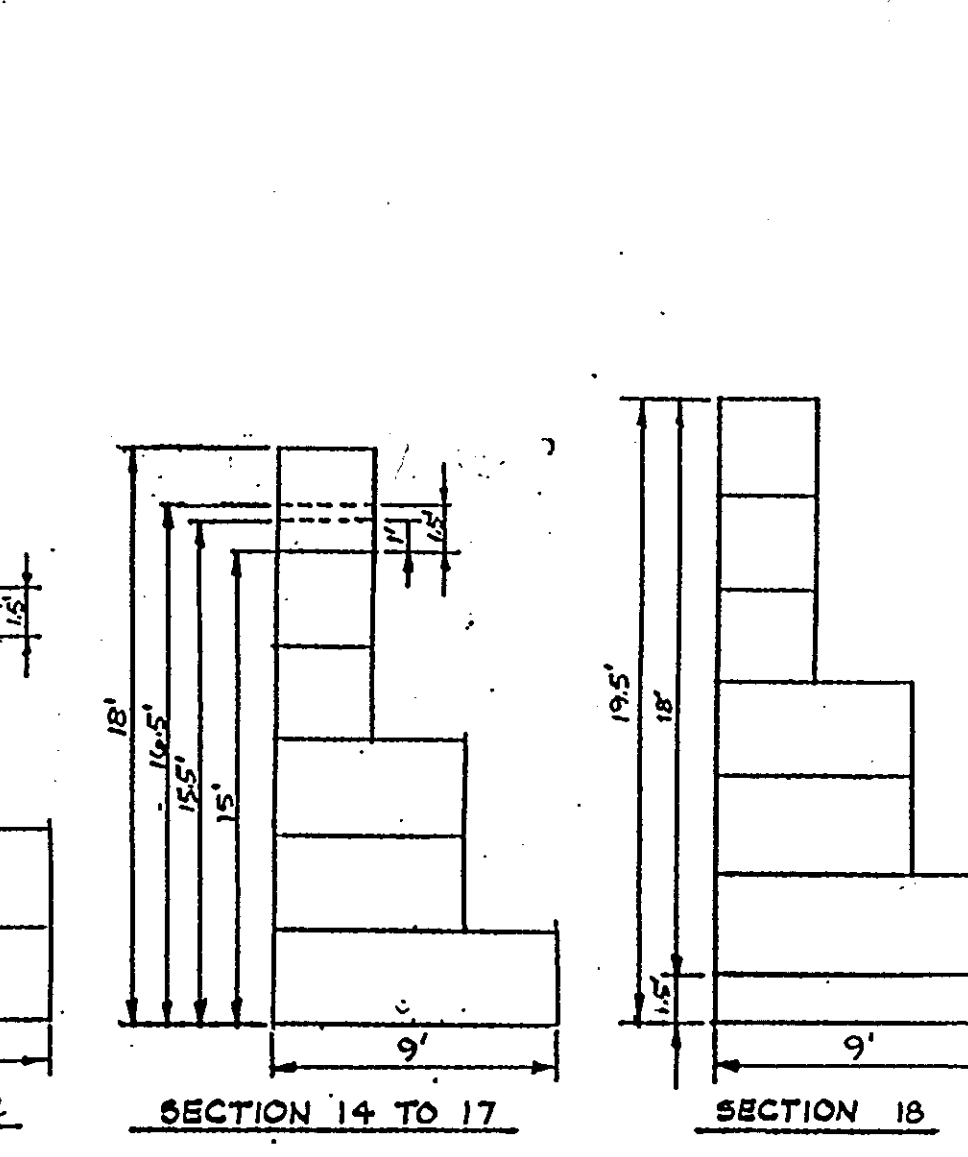
NOTE: SEE SHEET 19 OF 21 FOR SECTIONS 13 & 20



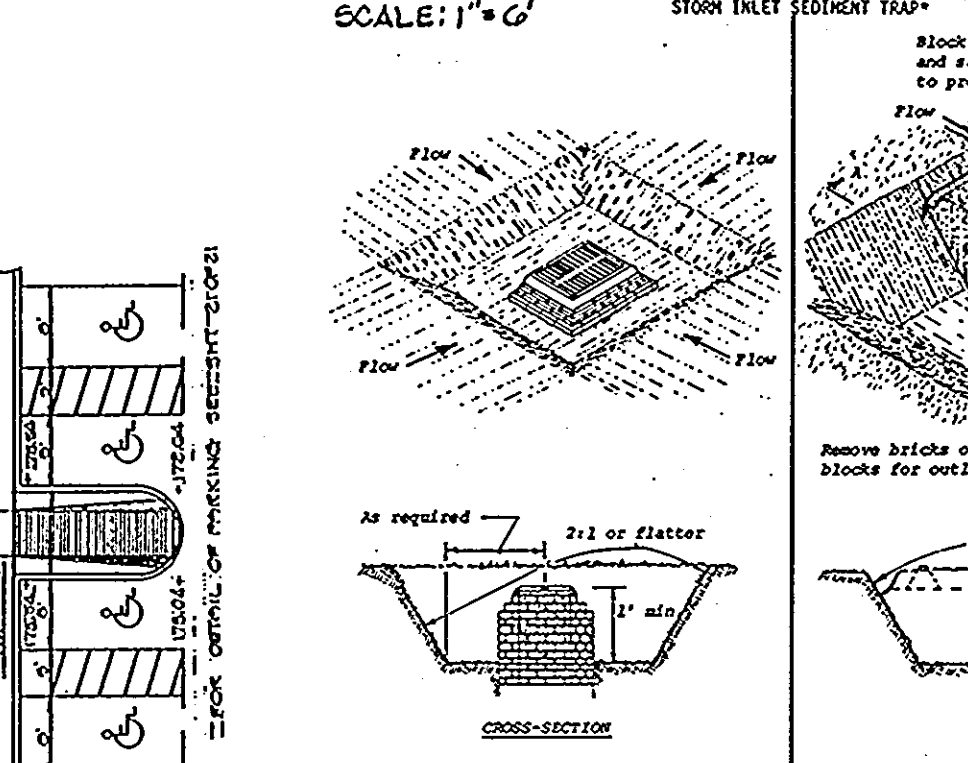
CONSTRUCTION SPECIFICATIONS FOR ST-VI

1. Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The pool area shall be cleared.
2. The fill material for the embankment shall be free of roots and other woody vegetation as well as oversized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by traversing with equipment while it is being constructed.
3. All cut and fill slopes shall be 2:1 or flatter.
4. The stone used in the outlet shall be small riprap 4"-8" along with a 1" thickness of 2" aggregate placed on the upstream side on the small riprap embedded filter cloth in the riprap.
5. Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap.
6. The structure shall be inspected after each rain and repairs made as needed.
7. Construction operations shall be carried out in such a manner that erosion and water pollution is minimized.
8. The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.

STONE OUTLET SEDIMENT TRAP



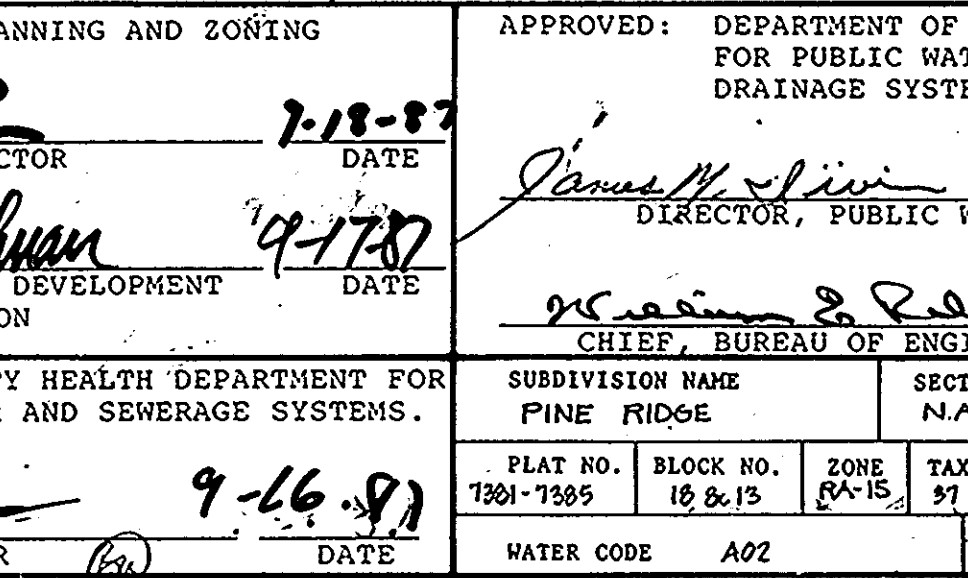
GABION WALL SECTIONS



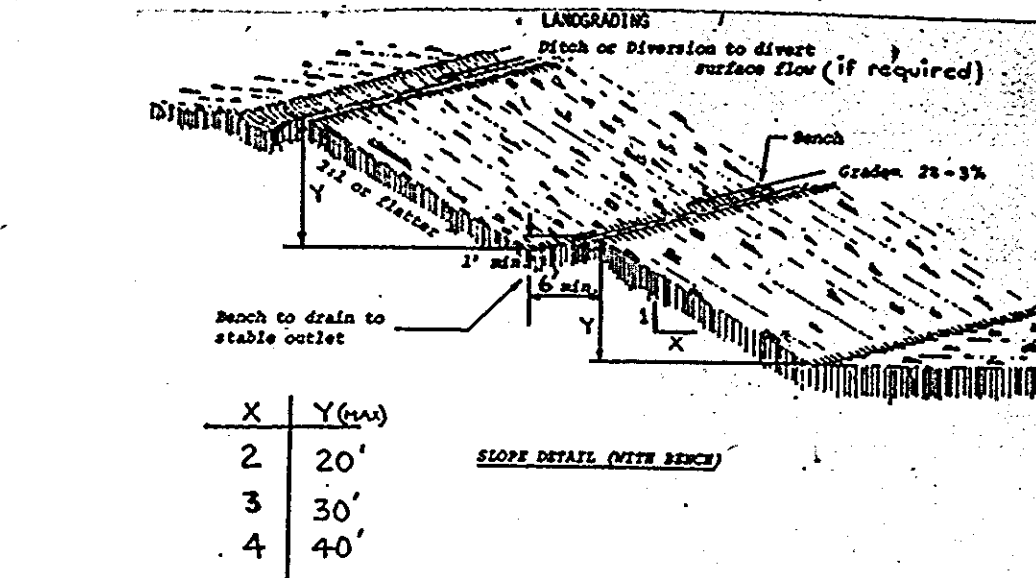
STORM INLET SEDIMENT TRAP

1. Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode.
2. The structure shall be inspected after each rain and repairs made as needed.
3. Construction operations shall be carried out in such a manner that erosion and water pollution shall be minimized.
4. The sediment trap shall be removed and area stabilized when the remaining drainage area has been properly stabilized.
5. The cut and fill slopes shall be 2:1 or flatter.

CONSTRUCTION SPECIFICATIONS



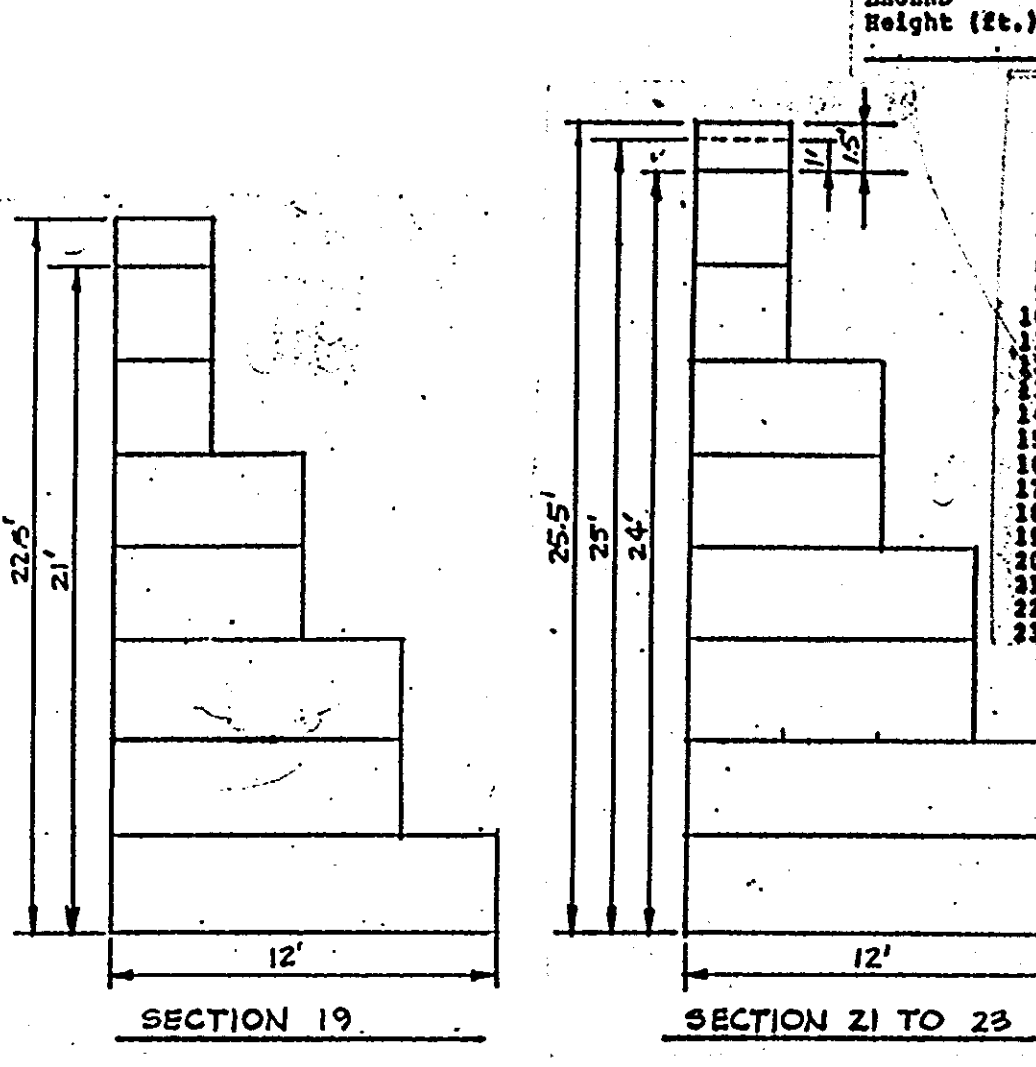
FIRE LANE PARKING SIGN



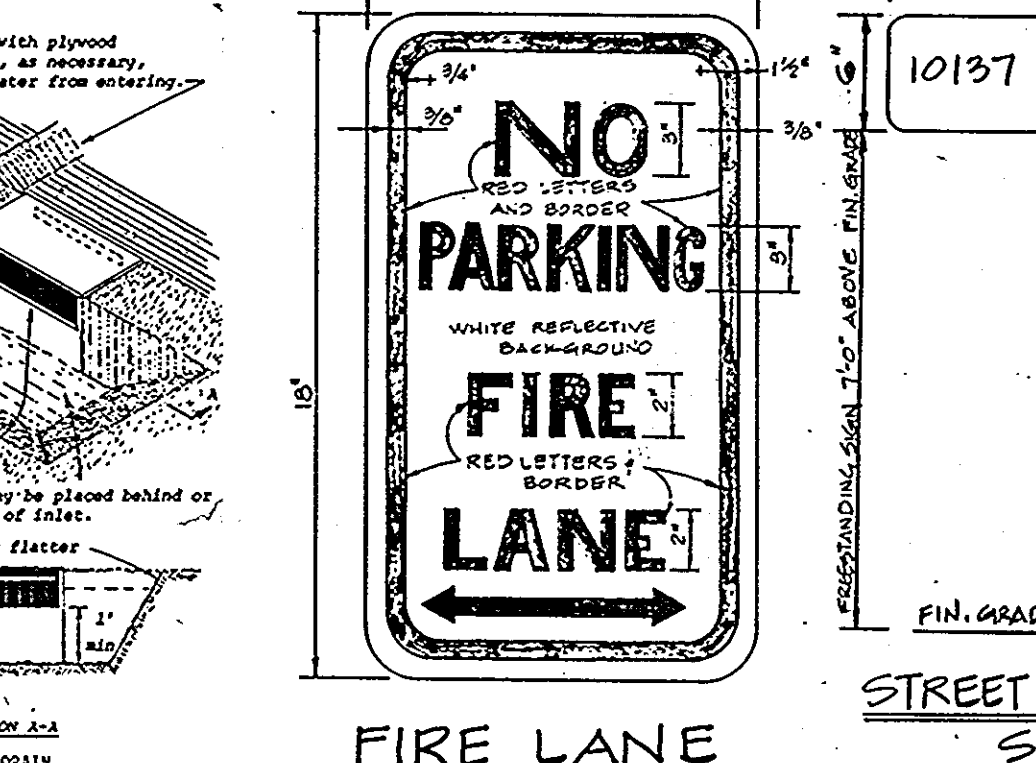
LANDGRADING

1. All graded or disturbed areas including slopes shall be protected during clearing and construction in accordance with the approved sediment control plan until they are permanently stabilized.
2. All sediment control practices and measures shall be constructed, applied and maintained in accordance with the approved sediment control plan and the standards and specifications for Soil Erosion and Sediment Control in Developing Areas.
3. Topsoil required for the establishment of vegetation shall be stockpiled in amounts necessary to complete finished grading of all exposed areas.
4. Areas to be filled shall be cleared, grubbed and stripped of topsoil to remove trees, vegetation, roots or other objectionable material.
5. Areas which are to be stockpiled shall be protected to a minimum depth of three inches prior to placement of topsoil.
6. All fills shall be compacted as required to reduce erosion, slippage, settlement, subsidence or other related problems. Fills intended to support buildings, structures and conduits, etc., shall be compacted in accordance with local requirements or codes.
7. All fills to be placed and compacted in layers not to exceed 5 inches in thickness. Logs, stumps, building debris and other objectionable materials that would interfere with or prevent construction of satisfactory fills.
8. From materials or soils, such as highly compressible materials shall not be incorporated into fills.
9. Fills shall not be placed on a frozen foundation.
10. All trenches shall be kept free of sediment during all phases of development.
11. Steps or systems monitored during construction shall be handled in accordance with the standards and specifications for Subsurface Drain or other approved method.
12. All graded areas shall be permanently stabilized immediately following finished grading.
13. Stockpiles, borrow areas and soil areas shall be shown on the plans and shall be subject to the provisions of this standard and specifications.

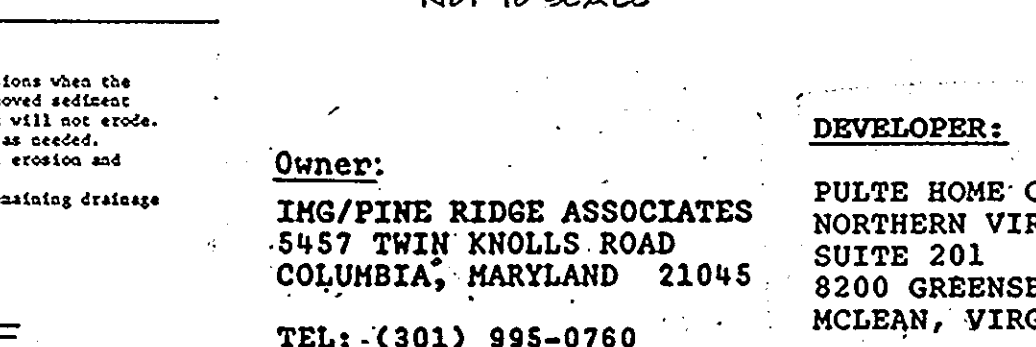
CONSTRUCTION SPECIFICATIONS



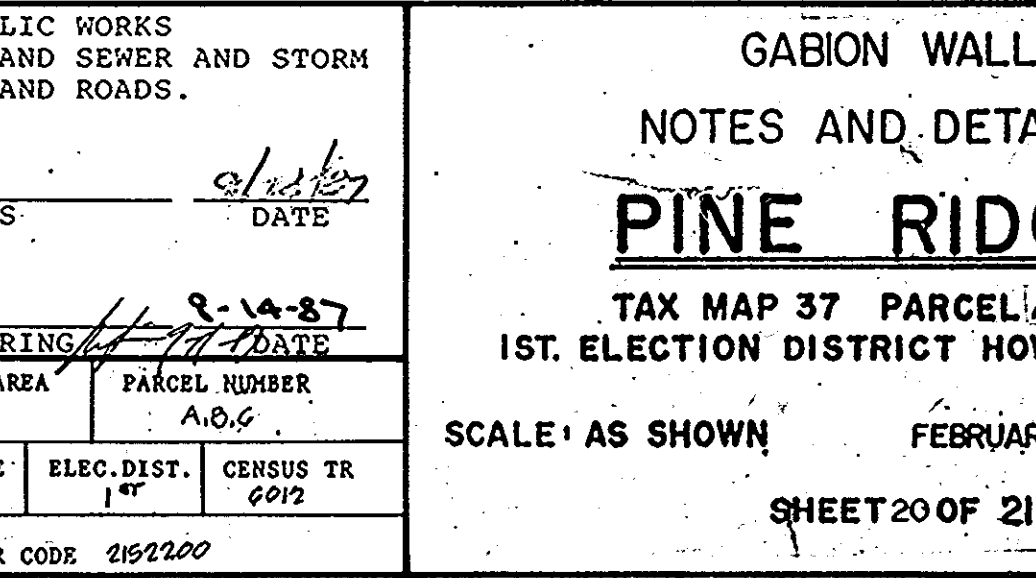
STREET ADDRESS SIGN



HANDICAP RAMP @ BLDG #13



TOW AWAY ZONE



RIPRAP APRON @ CURB OPENING

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 7-1-87

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 REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

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

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

APPROVED: OFFICE OF PLANNING AND ZONING
PLANNING DIRECTOR
DATE 7-18-87

APPROVED: DEPARTMENT OF PUBLIC WORKS
FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.
DIRECTOR, PUBLIC WORKS
DATE 9-17-87

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS.
HEALTH OFFICER
DATE 9-16-87

APPROVED: DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
DATE 9-17-87

APPROVED: PULTE HOME CORPORATION
NORTHERN VIRGINIA DIVISION
SUITE 201
8200 GRENBOURNE DRIVE
MCLEAN, VIRGINIA 22102
TEL: (703) 734-1030

Dewberry & Davis
ARCHITECTS ENGINEERS PLANNERS SURVEYORS
3300 N. Ridge Road
Suite 100
Ellicott City, Maryland
21043
(301) 461-7478 BALTIMORE
(301) 621-4970 WASHINGTON

STATE OF MARYLAND
REGISTERED PROFESSIONAL ENGINEER
DATE 8/12/87

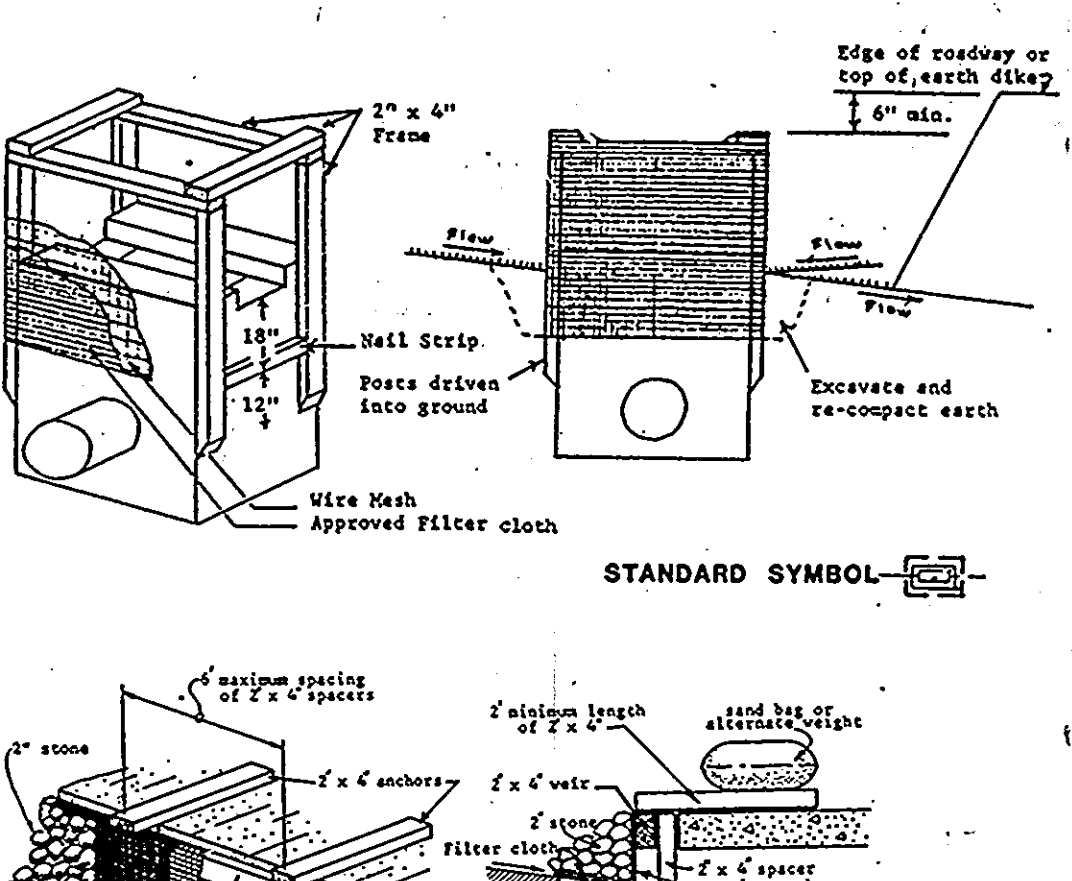
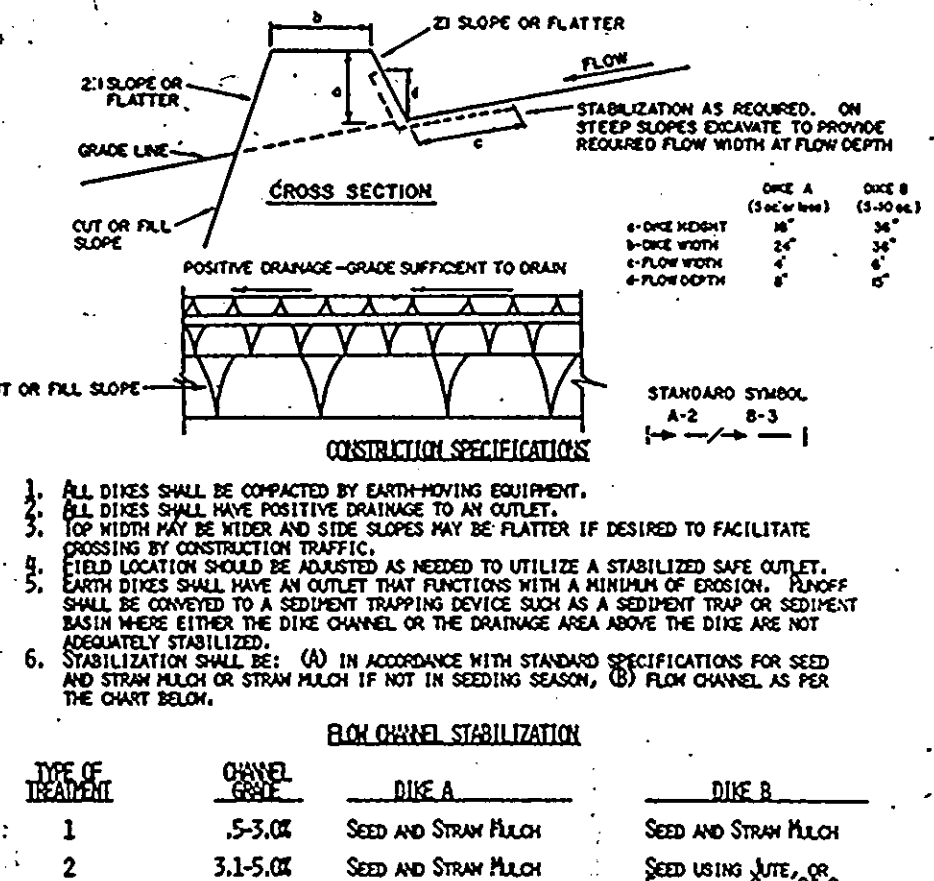
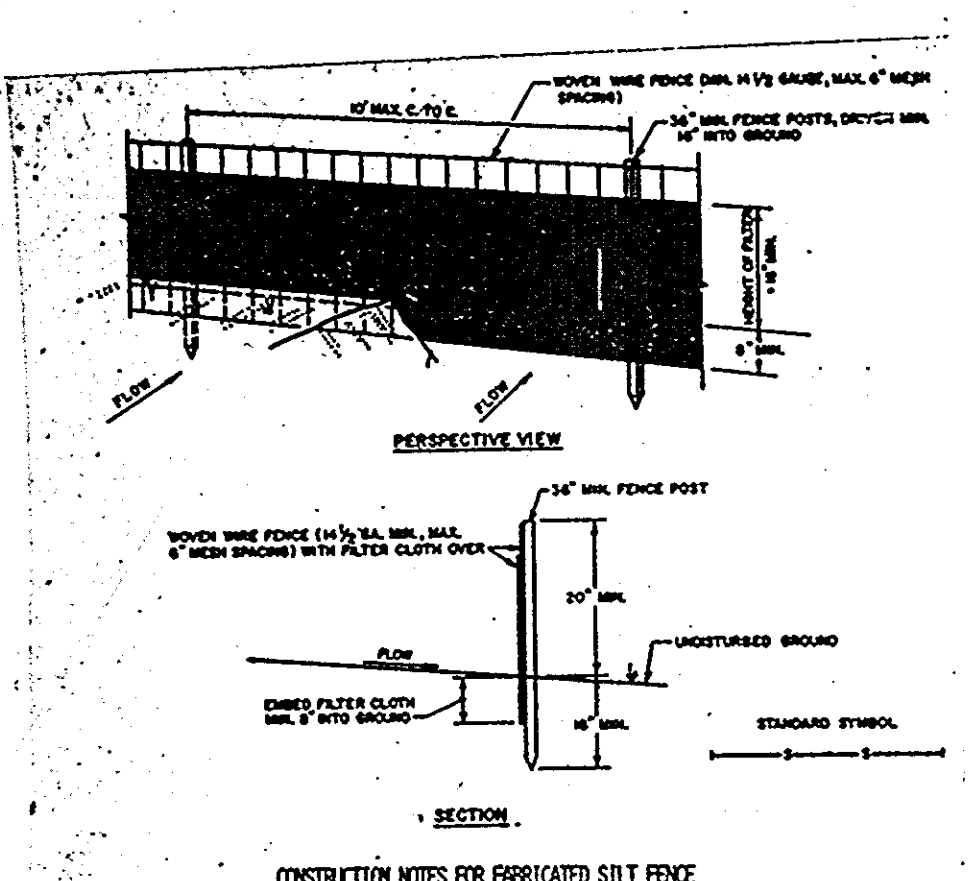
DATE 2/19/87

DATE 9/10/87

DATE 9-16-87

DATE 9-14-87

DATE 9-17-87



PERMANENT SEEDING NOTES:
 APPLY TO GRADED OR CLEARED AREA 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, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:

- 1) PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ. FT.) AND 600 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 UREAFORM FERTILIZER (9 LBS/1000 SQ. FT.).
- 2) ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ. FT.) AND 1000 LBS PER ACRE 10-10-10 FERTILIZER (23 LBS/1000 SQ. FT.) BEFORE SEEDING. 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 80 LBS PER ACRE (4.1 LBS/1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 2 TONS PER ACRE TALL FESCUE PERennial AND 2 LBS PER ACRE (.05 LBS/1000 SQ. FT.) OF WEEPING 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 SOO. OPTION (3) SEED WITH 60 LBS/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELLS ANCHORED STRAW MULCH. APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ. FT.) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 210 GALLONS PER ACRE (5 GAL/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ. FT.) FOR ANCHORING.

MAINTENANCE: INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

TEMPORARY SEEDING NOTES:
 APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

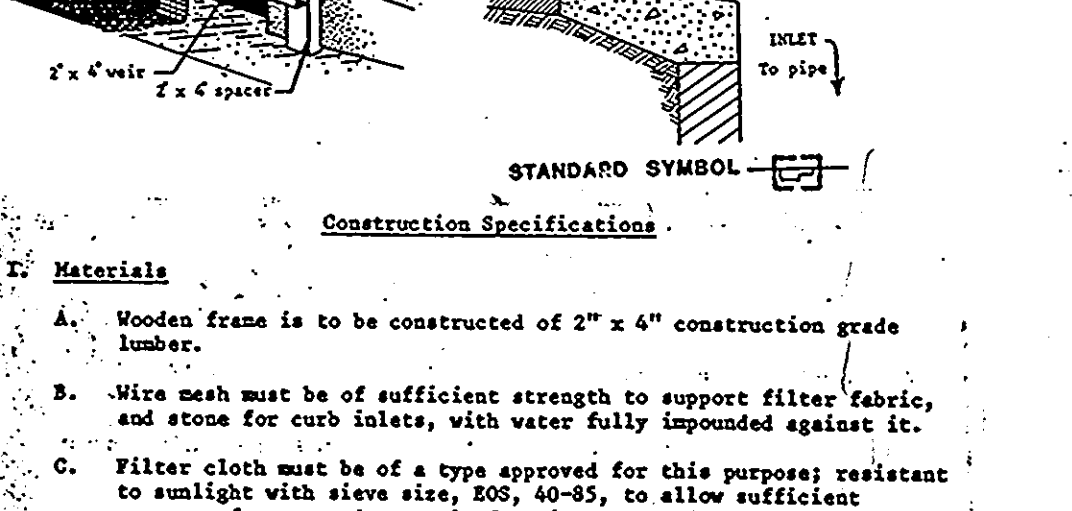
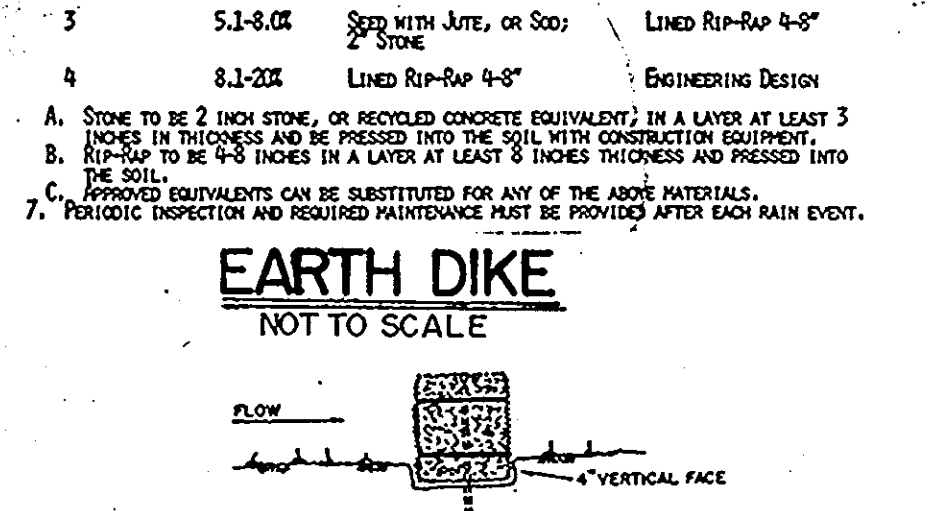
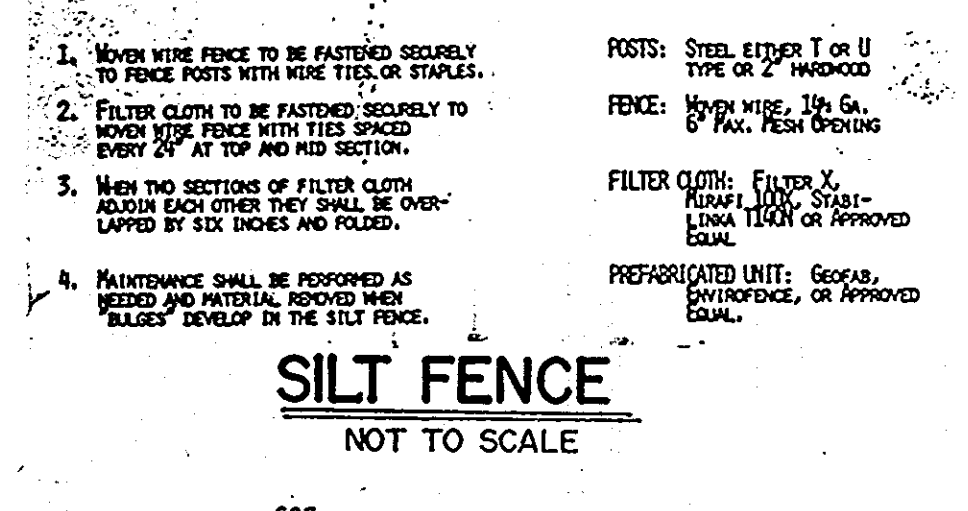
SEEDBED PREPARATION: LOOSEN UPPER THREE-INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

SOIL AMENDMENTS: APPLY 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.).

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 15 THRU NOVEMBER 15, SEED WITH 25 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 WEEPING LOVEGRASS (.07 LBS/1000 SQ. FT.). FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELLS ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOO.

MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ. FT.) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 210 GALLONS PER ACRE (5 GAL/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FT. OR HIGHER, USE 348 GAL PER ACRE (8 GAL/1000 SQ. FT.) FOR ANCHORING.

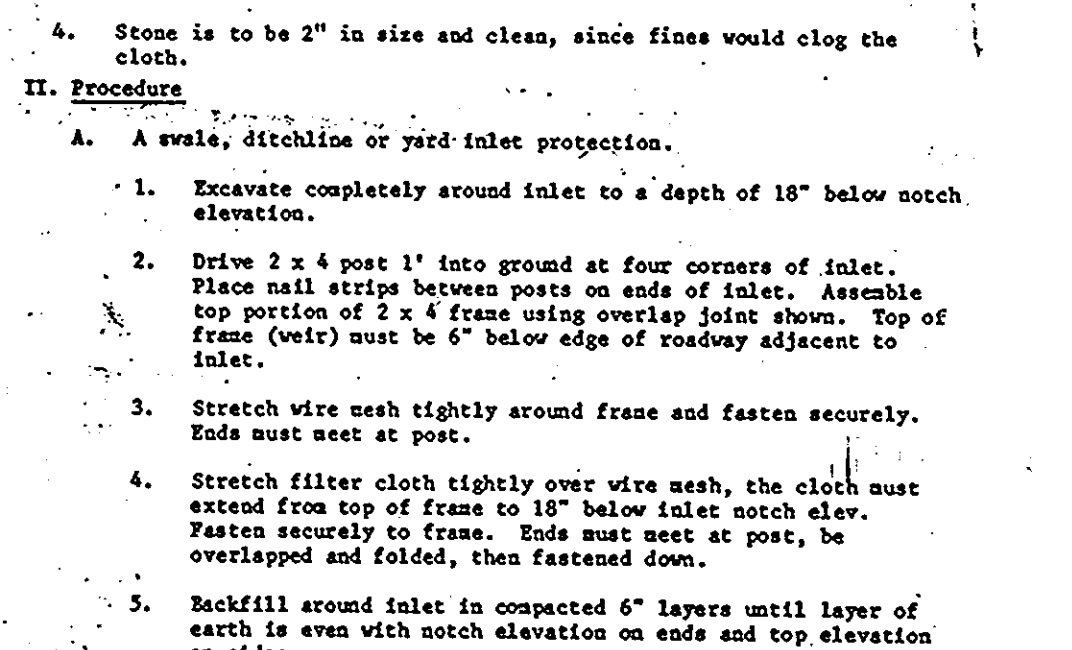
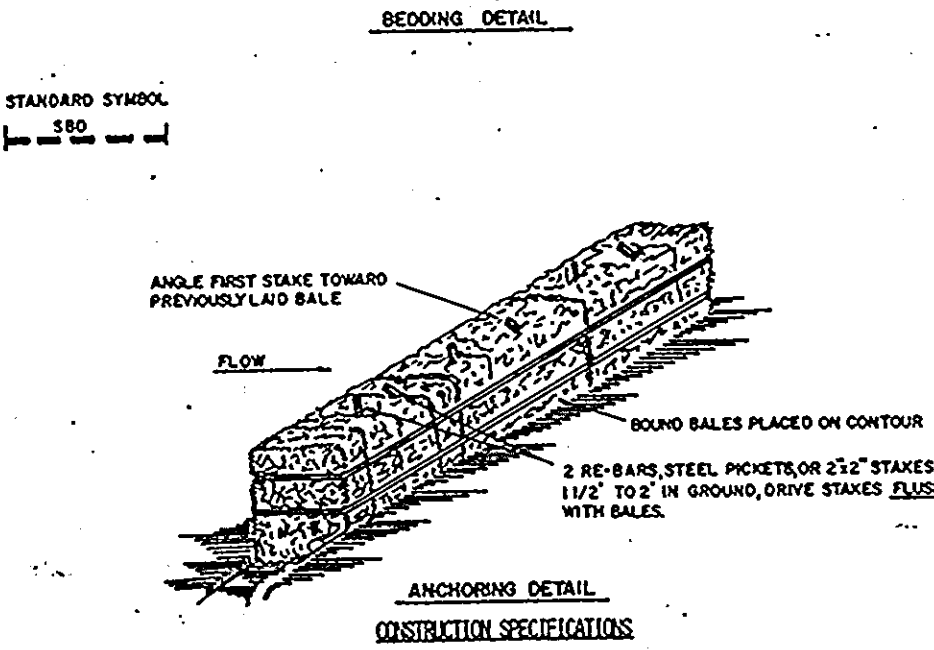
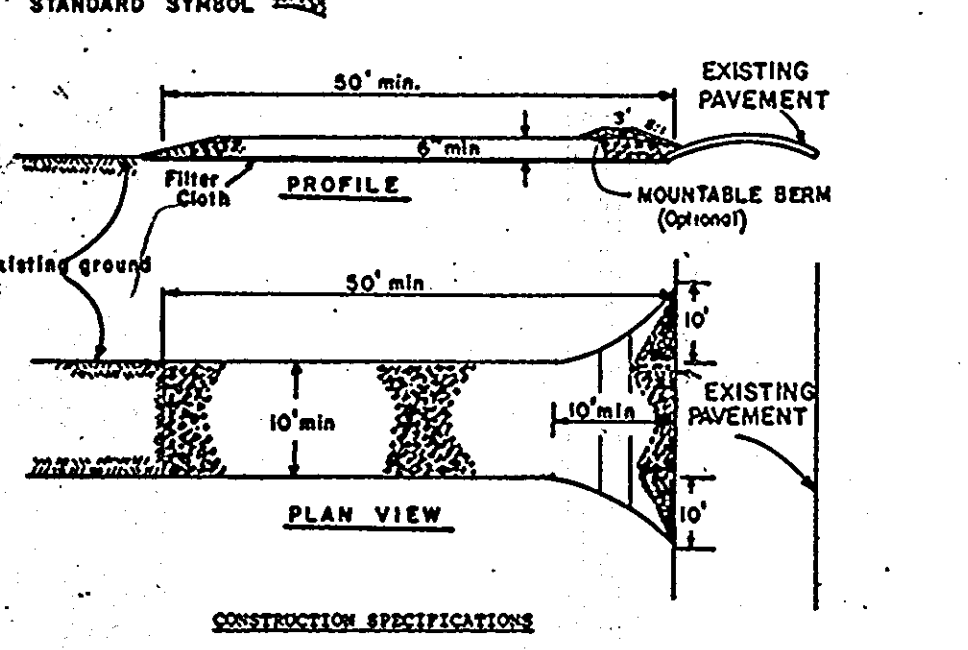
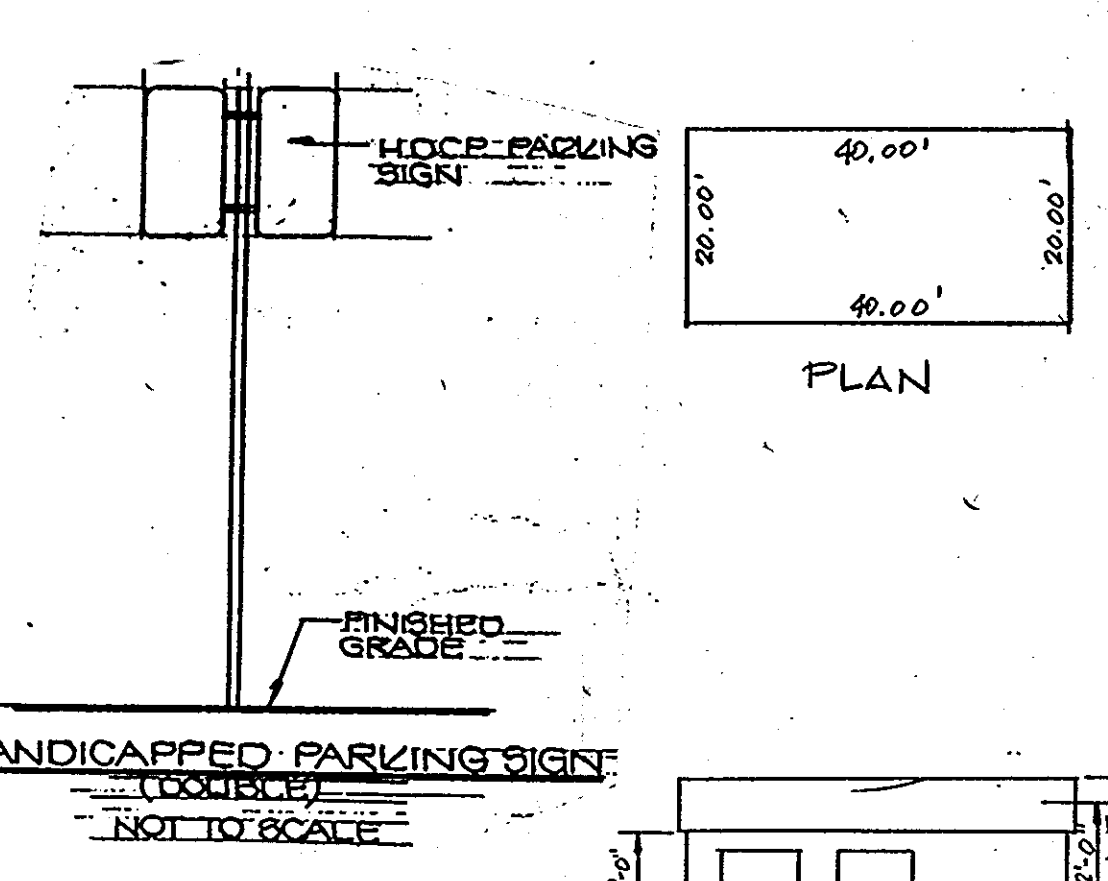
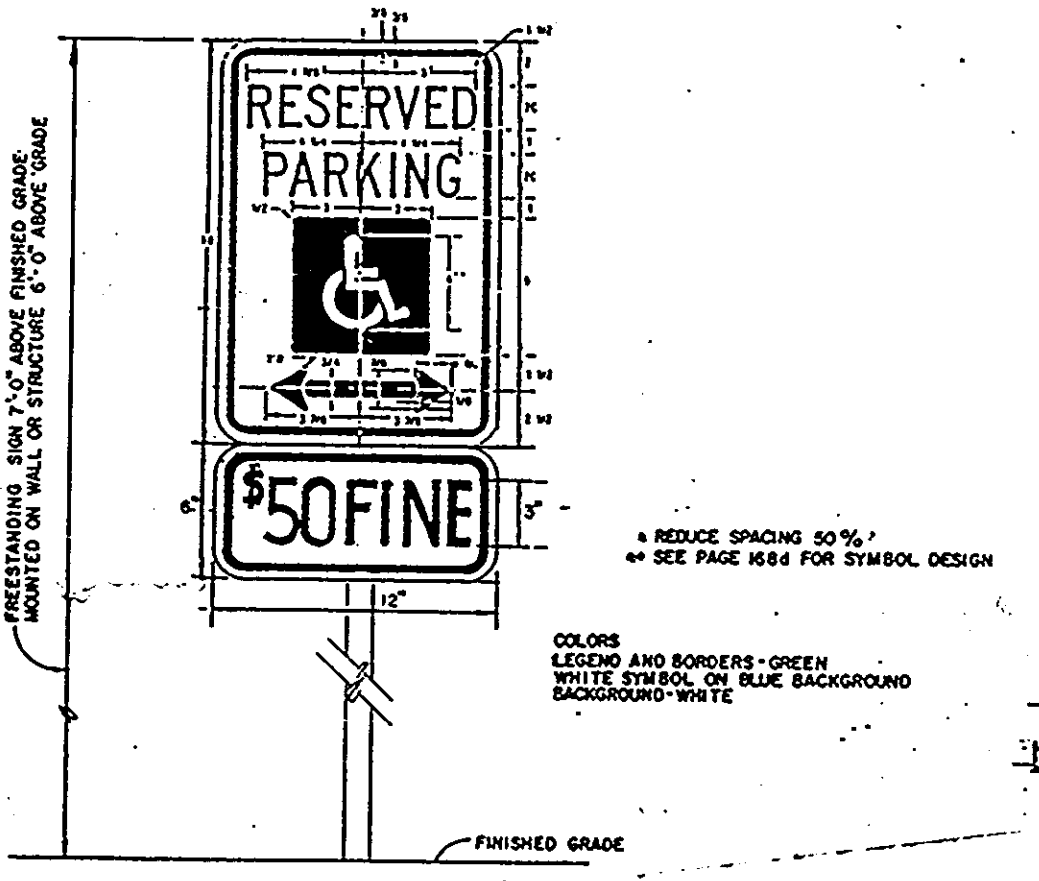
REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.



SEDIMENT CONTROL NOTES:

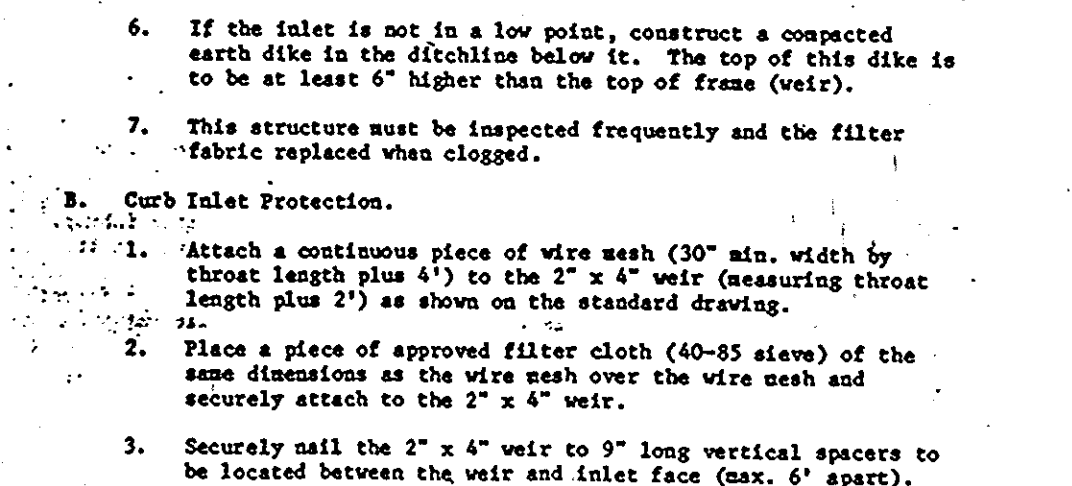
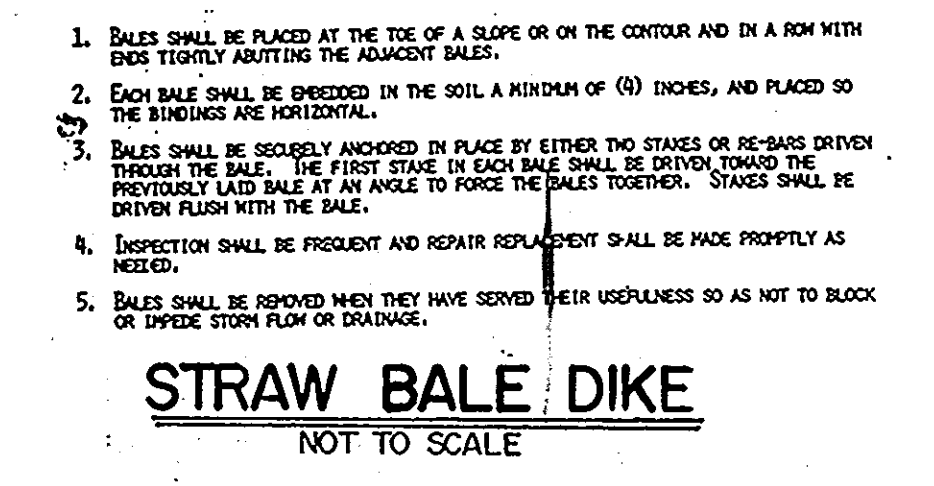
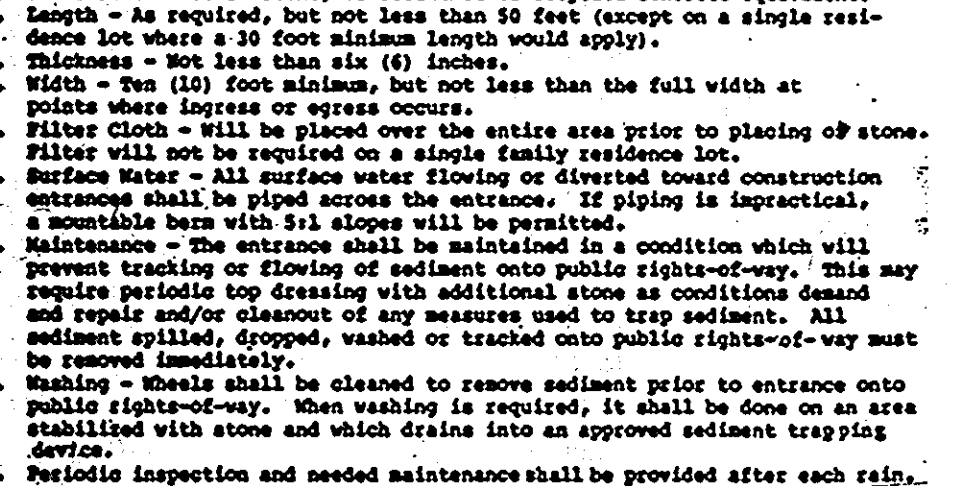
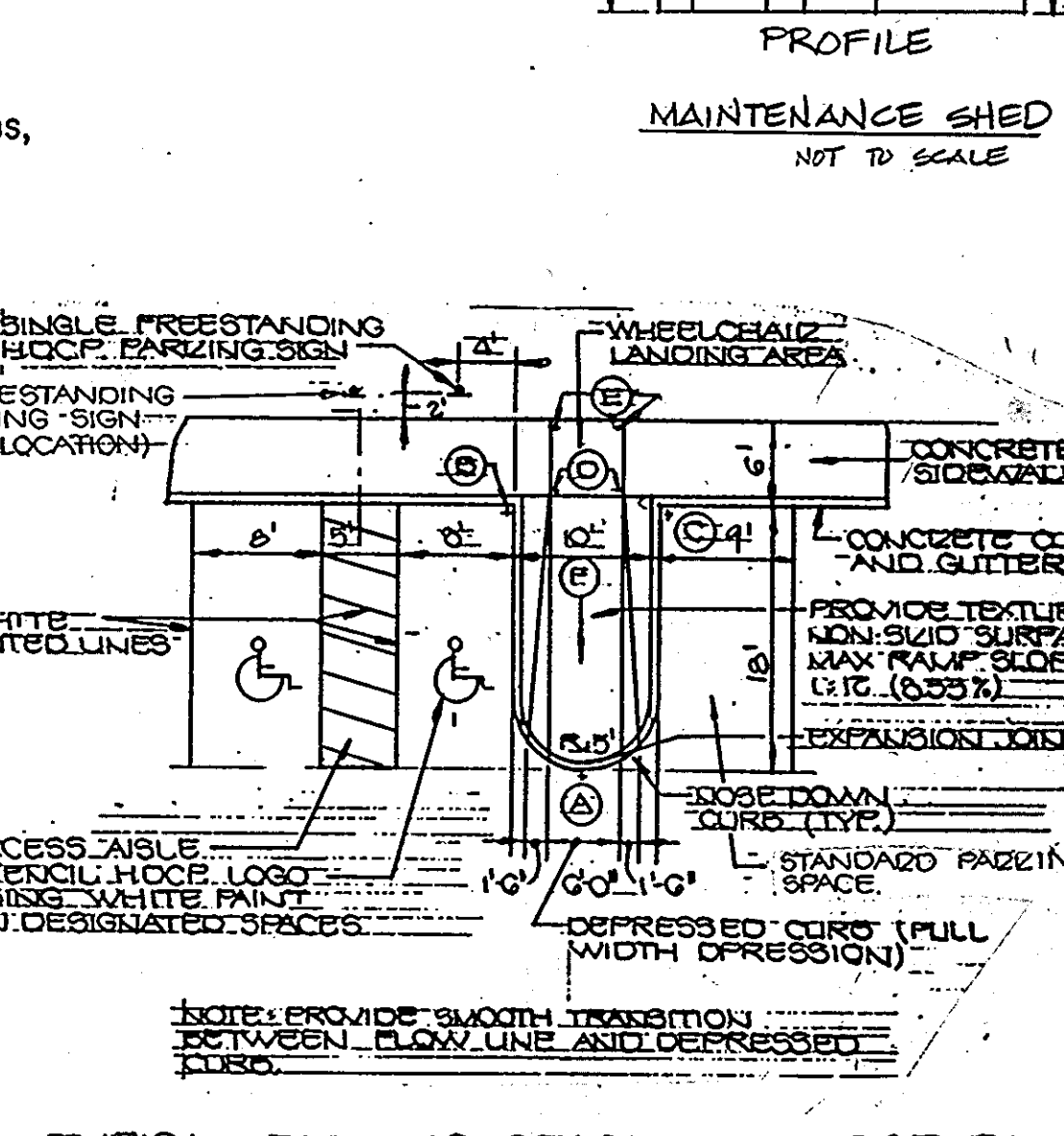
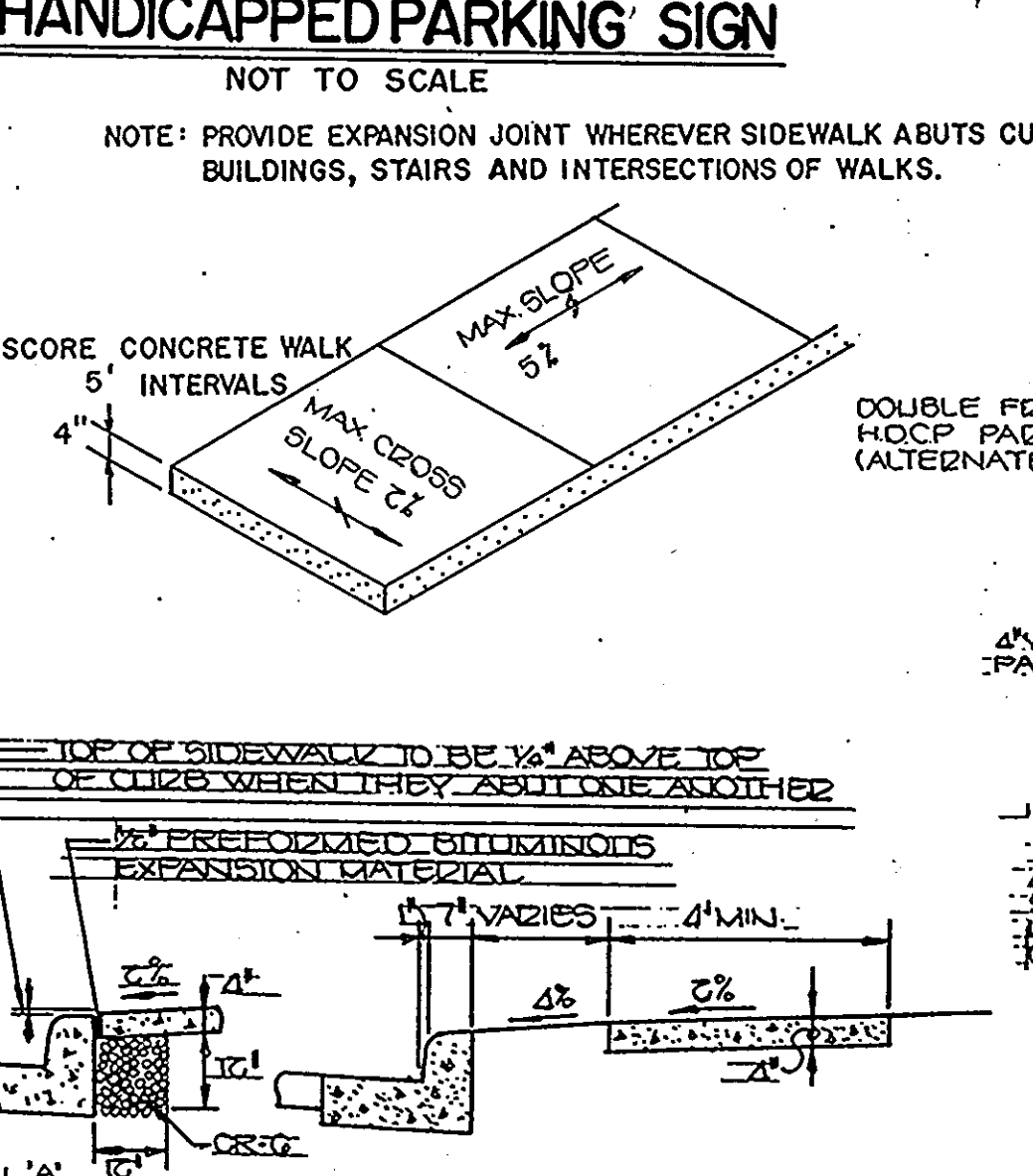
1. A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION. (992-2437)
2. ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS DEAN AND ARE TO BE IN CONFORMANCE WITH THE 1983 MARYLAND 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, DITCHES, 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/RASPS BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, SOOM 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	2.02 ACRES
AREA DISTURBED	2.02 ACRES
AREA TO BE ROOFED OR PAVED	0.00 ACRES
AREA TO BE VEGETATIVELY STABILIZED	2.02 ACRES
TOTAL CUT	0.00 CU. YDS.
OPPOSITE WASTE/BORROW AREA LOCATION	0.00 CU. YDS.
TOTAL FILL	0.00 CU. YDS.
8. ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.



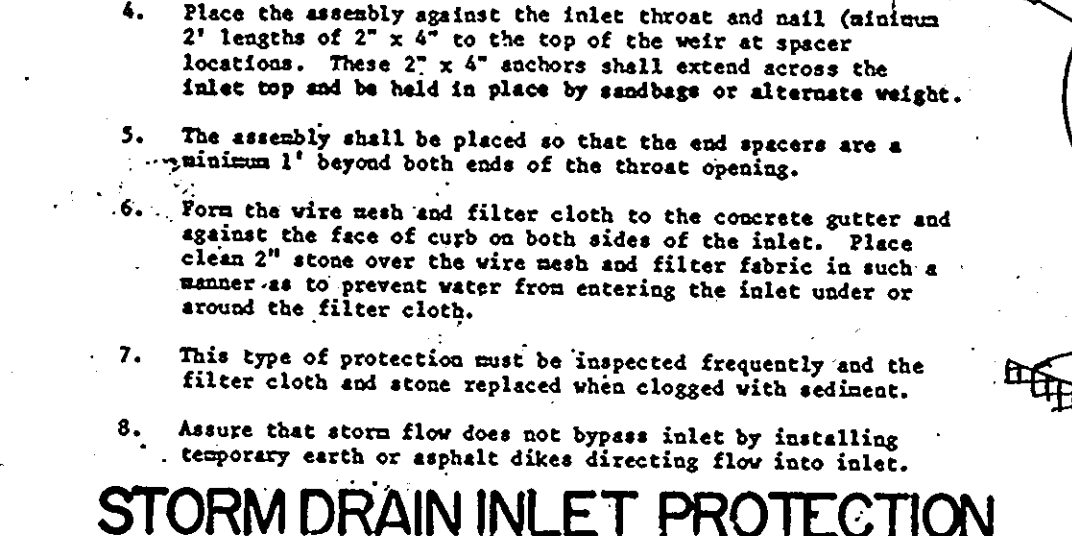
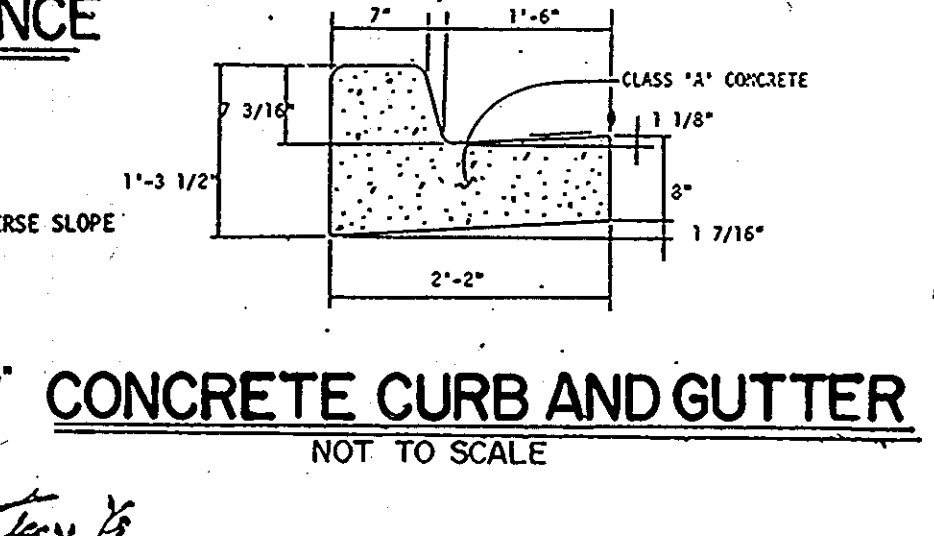
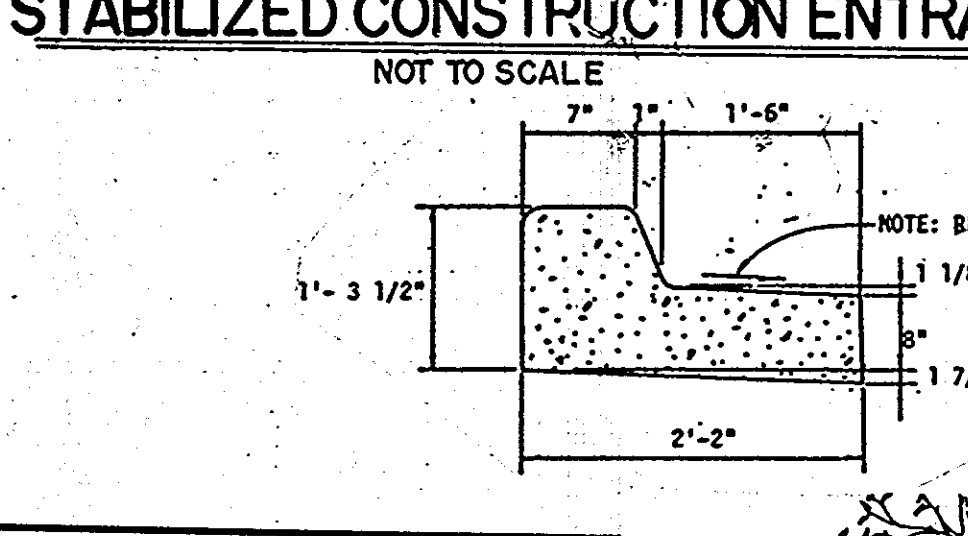
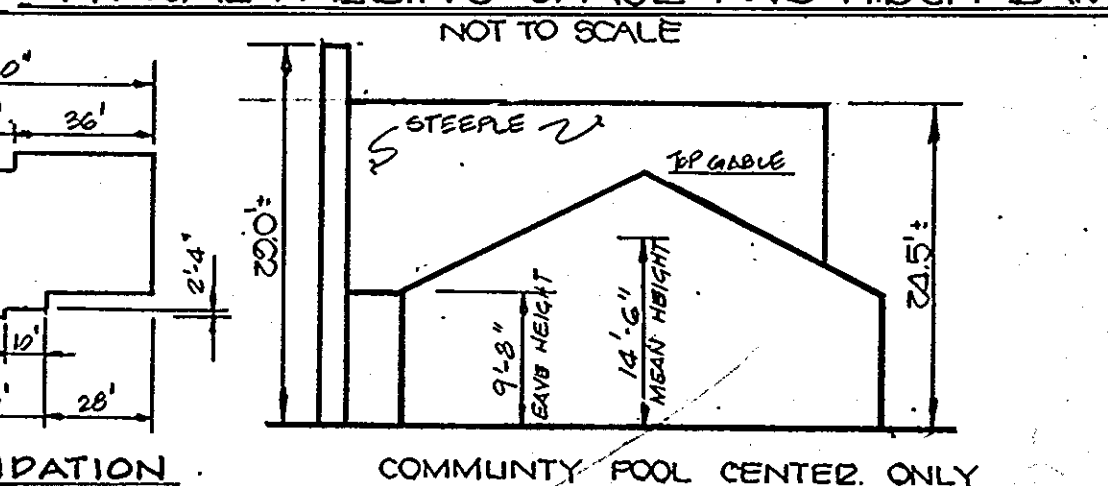
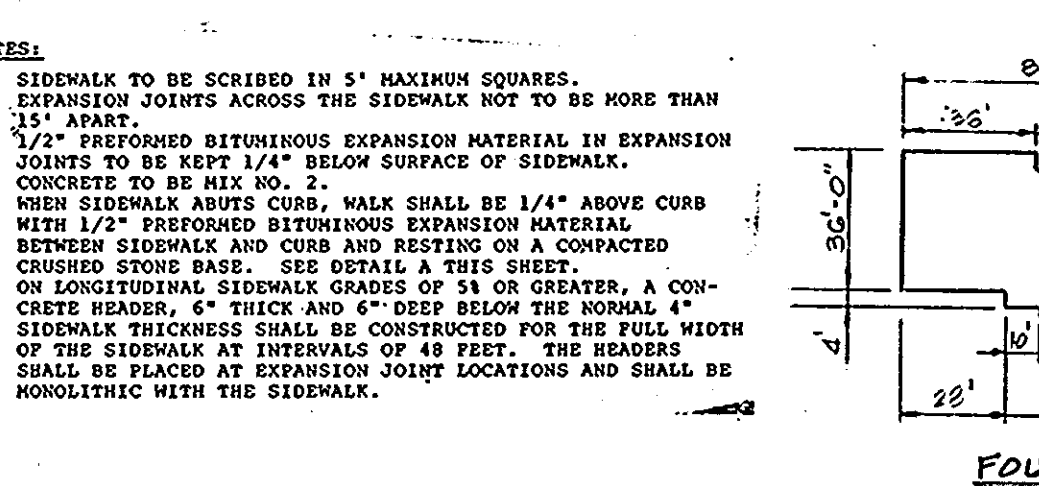
II. Procedure

- A. A swale, ditchline or yard-inlet projection.
 1. Excavate completely around inlet to a depth of 18" below notch elevation.
 2. Drive 2 x 4 post 1' into ground at four corners of inlet. Place nail strips between posts on end of inlet. Assemble top portion of 2 x 4 frame using overlap joint shown. Top of frame (weir) must be 6" below edge of roadway adjacent to inlet.
 3. Stretch wire mesh tightly around frame and fasten securely. Ends must meet at post.
 4. Stretch filter cloth tightly around wire mesh, the cloth must extend from top of frame to 18" below inlet. Fasten securely to frame. Ends must meet at post, be overlapped and folded, then fastened down.
 5. Backfill around inlet in compacted 6" layers until layer of earth is even with notch elevation on ends and top elevation on sides.
 6. If the inlet is not in a low point, construct a compacted earth dike to the ditchline below it. The top of this dike is to be at least 6" higher than the top of frame (weir).
- B. Curb Inlet Protection.
 1. Attach a continuous piece of wire mesh (30" min. width by throat length plus 4") to the 2" x 4" weir (measuring throat length plus 4") as shown on the standard drawing.
 2. Place a piece of approved filter cloth (40-85 sieve) of the same dimensions as the wire mesh over the wire mesh and securely attach to the 2" x 4" weir.
 3. Securely nail the 2" x 4" weir to 9" long vertical spacers to be located between the weir and inlet faces (max. 6" apart).
 4. Place the assembly against the inlet throat and nail (minimum 2" lengths of 2" x 4" to the top of the weir at spacer locations. These 2" x 4" anchors shall extend across the inlet top and be held in place by sawdage or alternate weight.
 5. The assembly shall be placed so that the end spacers are a minimum 1" beyond both ends of the throat opening.
 6. Form the wire mesh and filter cloth to the concrete gutter and against the face of curb on both sides of the inlet. Place clean 2" stone over the wire mesh and filter fabric in a manner as to prevent water from entering the inlet under or around the filter cloth.
 7. This type of protection must be inspected frequently and the filter cloth and stone replaced when clogged with sediment.
 8. Assure that storm flow does not bypass inlet by installing temporary earth or asphalt dikes directing flow into inlet.



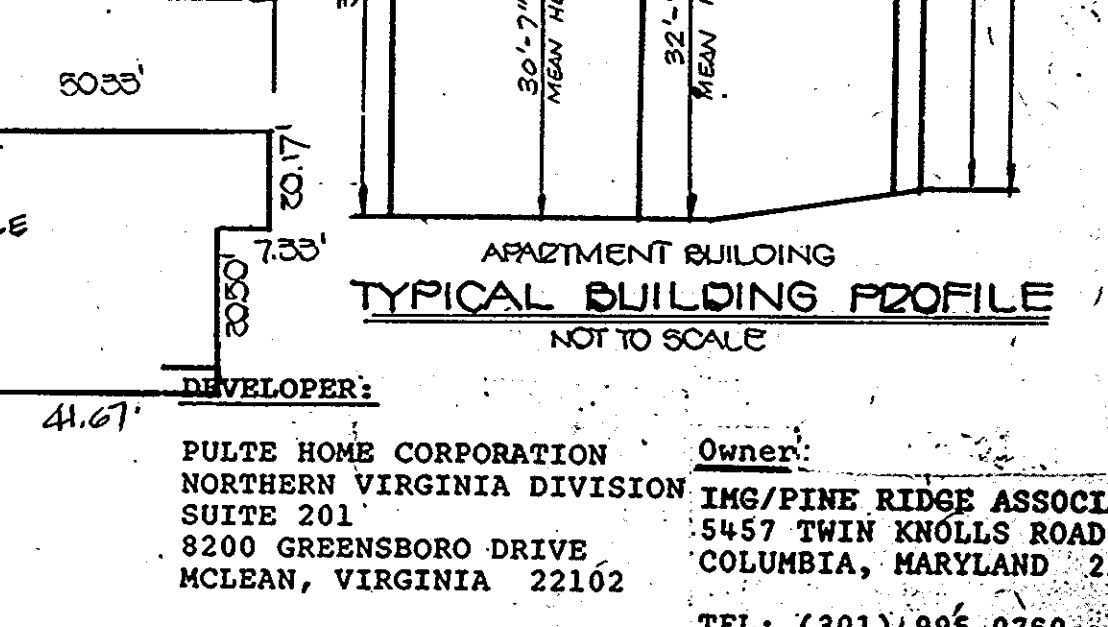
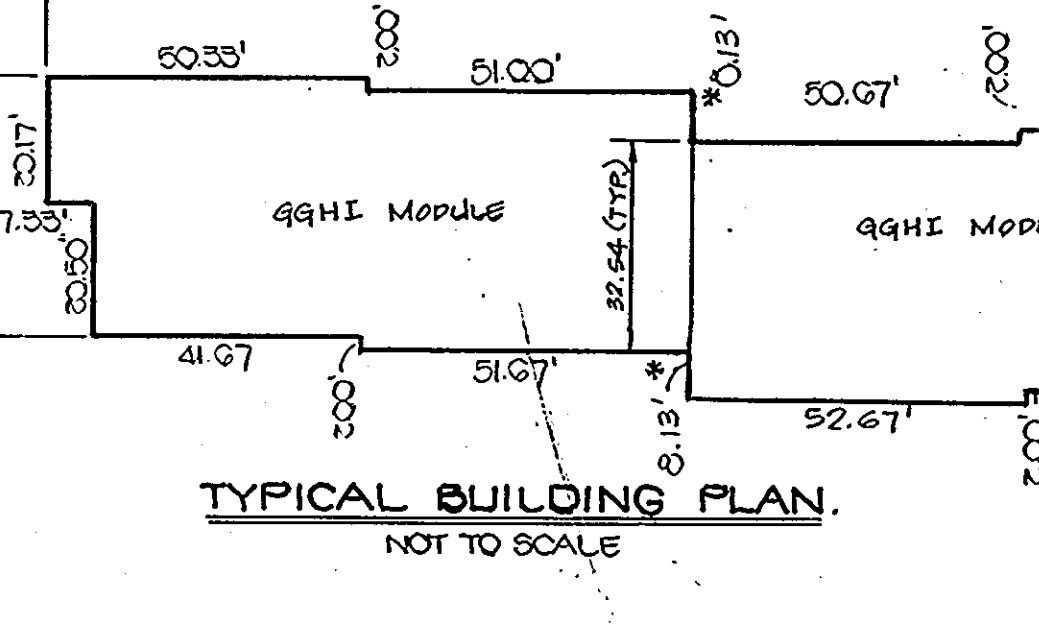
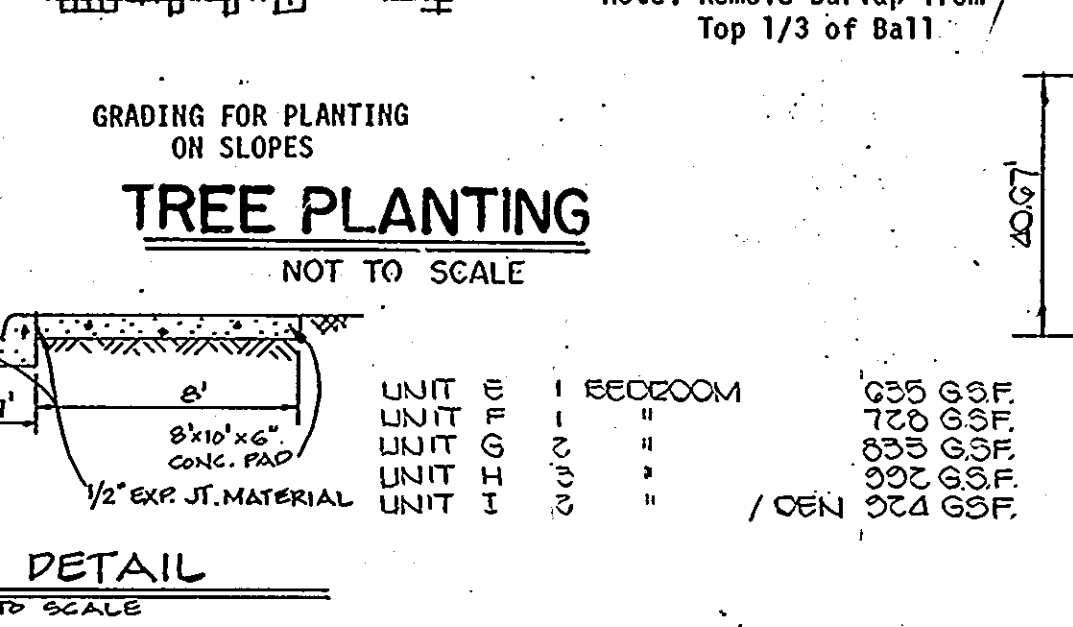
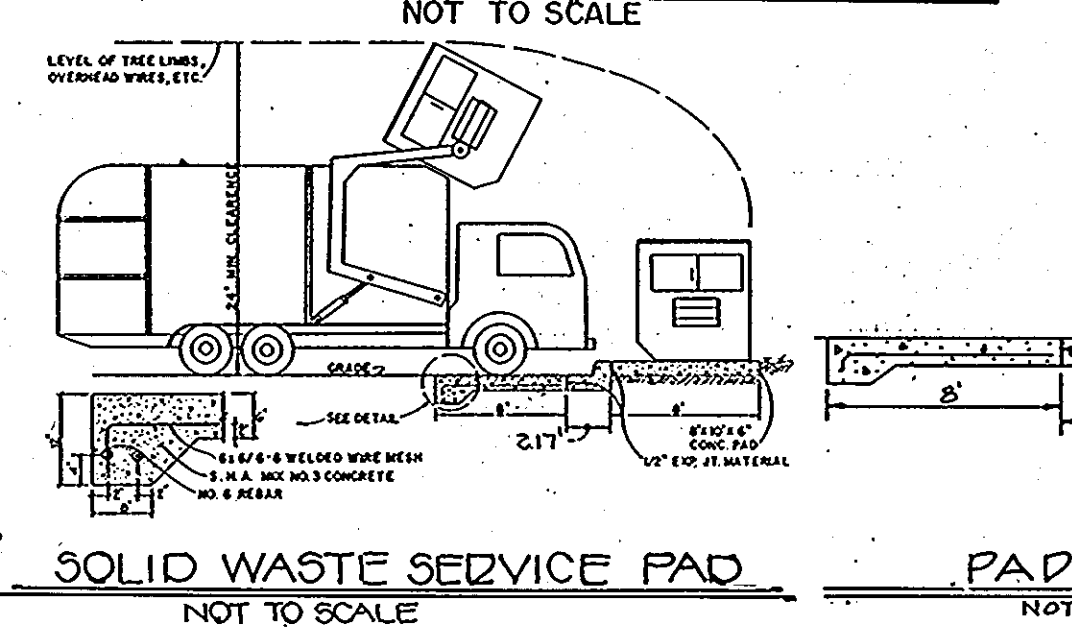
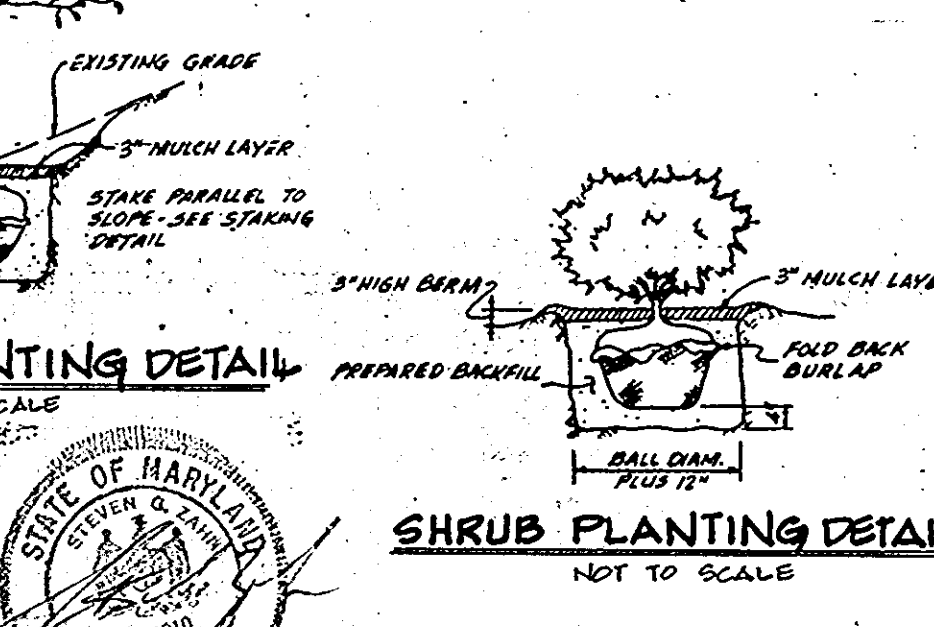
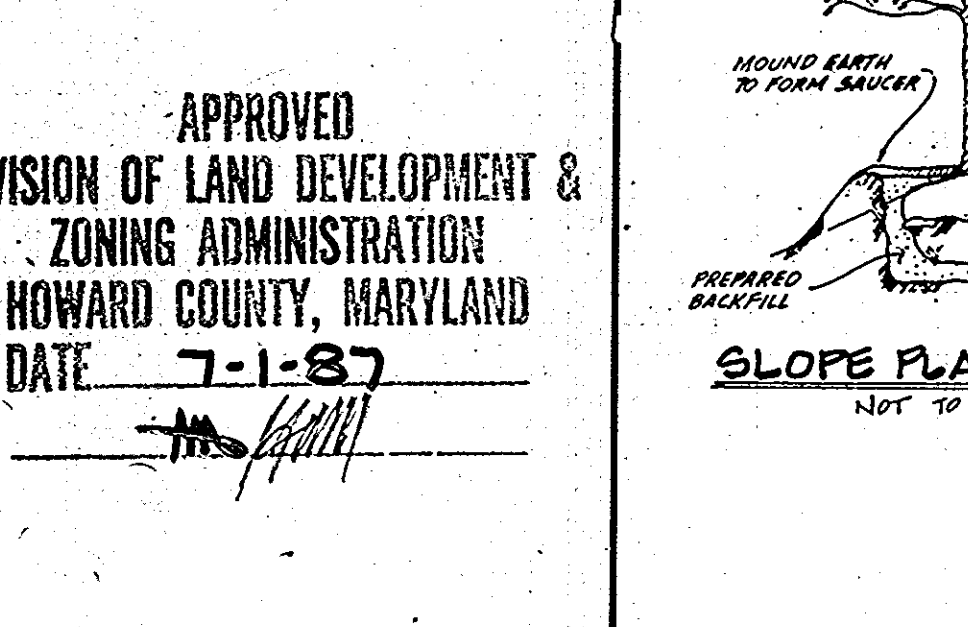
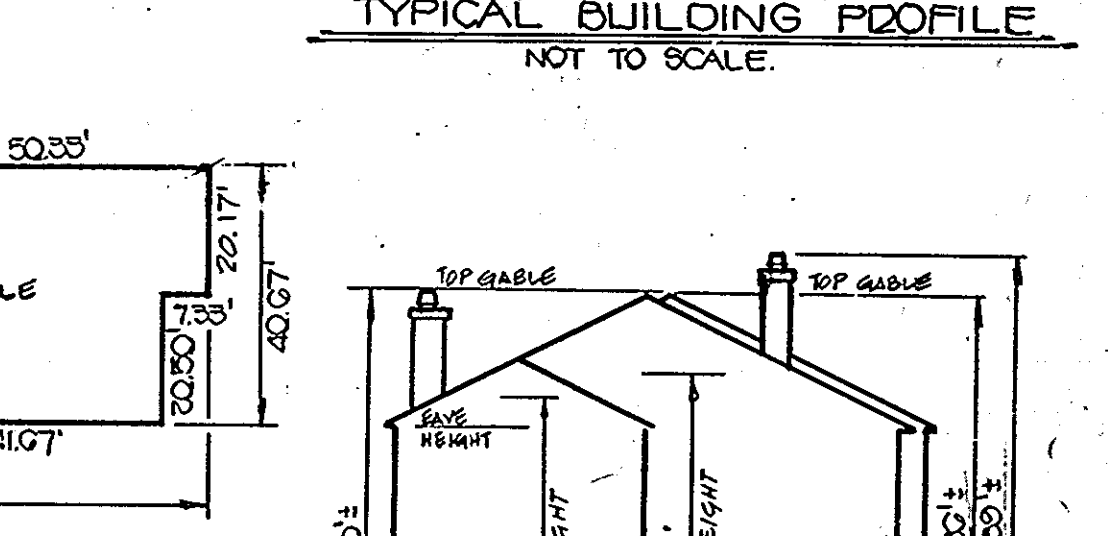
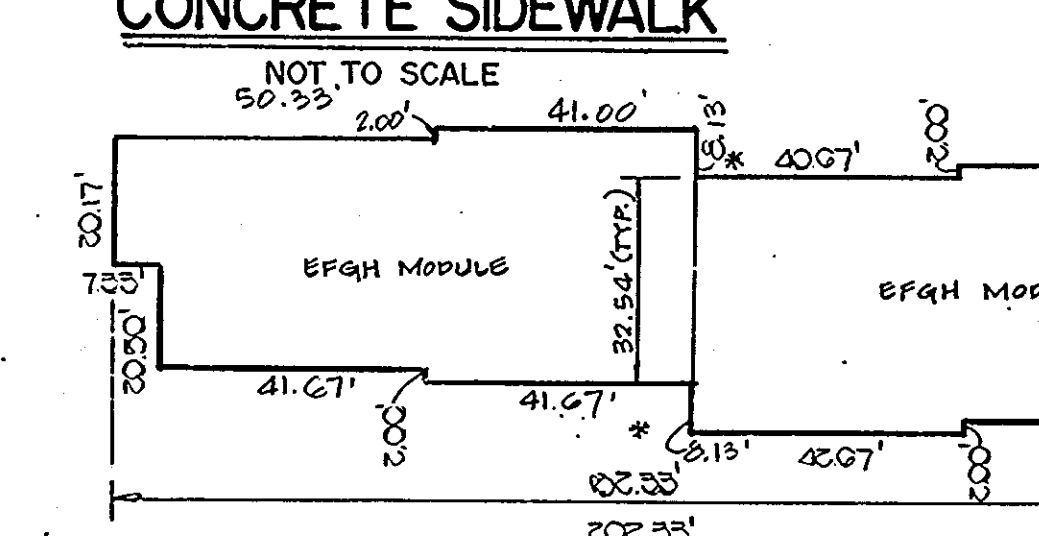
III. Procedure

1. Bales shall be placed at the toe of a slope or on the contour and in a row with ends tightly abutting the adjacent bales.
 1. Bales shall be placed at the toe of a slope or on the contour and in a row with ends tightly abutting the adjacent bales.
 2. Each bale shall be positioned in the soil a minimum of (6) inches, and placed so the bindings are horizontal.
 3. Bales shall be securely anchored in place by either two stakes or re-bar driven through the dike. The first stake in each bale shall be driven toward the PROTECTIVE SIDE LAID AT AN ANGLE TO FORCE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH THE BALE.
 4. Inspection shall be frequent and repair/replacement shall be made promptly as needed.
 5. Bales shall be removed when they have served their usefulness so as NOT TO BLOCK OR IMPED STORM FLOW OR DRAINAGE.



IV. Procedure

1. Attach a continuous piece of wire mesh (30" min. width by throat length plus 4") to the 2" x 4" weir (measuring throat length plus 4") as shown on the standard drawing.
2. Place a piece of approved filter cloth (40-85 sieve) of the same dimensions as the wire mesh over the wire mesh and securely attach to the 2" x 4" weir.
3. Securely nail the 2" x 4" weir to 9" long vertical spacers to be located between the weir and inlet faces (max. 6" apart).
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8. Assure that storm flow does not bypass inlet by installing temporary earth or asphalt dikes directing flow into inlet.



Dewberry & Davis
 ARCHITECTS ENGINEERS PLANNERS SURVEYORS
 3300 N. Ridge Road
 Suite 100
 Ellicott City, Maryland
 21043
 (301) 461-7478 BALTIMORE
 (301) 621-4970 WASHINGTON

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 SOIL CONSERVATION DISTRICT.

DATE: 8/18/87
 SIGNATURE OF ENGINEER: [Signature]

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 NATURAL RESOURCES 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 OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

DATE: 2/19/87
 SIGNATURE OF DEVELOPER: [Signature]

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

DATE: 9-10-87
 SIGNATURE: [Signature]

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

DATE: 9/10/87
 SIGNATURE: [Signature]

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

DATE: 9/18/87
 SIGNATURE: [Signature]

DIRECTOR, PUBLIC WORKS

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

DATE: 9-16-87
 SIGNATURE: [Signature]

HEALTH OFFICER

APPROVED: OFFICE OF PLANNING AND ZONING

DATE: 9-18-87
 SIGNATURE: [Signature]

PLANNING DIRECTOR

DATE: 9-17-87
 SIGNATURE: [Signature]

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

DEVELOPER: PULTE HOME CORPORATION
 NORTHERN VIRGINIA DIVISION
 SUITE 201
 8200 GREENSBORO DRIVE
 MCLEAN, VIRGINIA 22102
 (703) 734-1030

Owner: ING/PINE RIDGE ASSOCIATES
 5457 TWIN KNOLLS ROAD
 COLUMBIA, MARYLAND 21045
 (301) 995-0760

NOTES AND DETAILS

PINE RIDGE

TAX MAP 37 PARCEL A,B,C
 1ST. ELECTION DISTRICT HOWARD CO. MD

SCALE: AS SHOWN

FEBRUARY 20, 1987

SHEET 2 OF 21