

SHEET INDEX

| NO | DESCRIPTION |
|----|--|
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ROADWAY, STORM DRAINS & STORM WATER MANAGEMENT

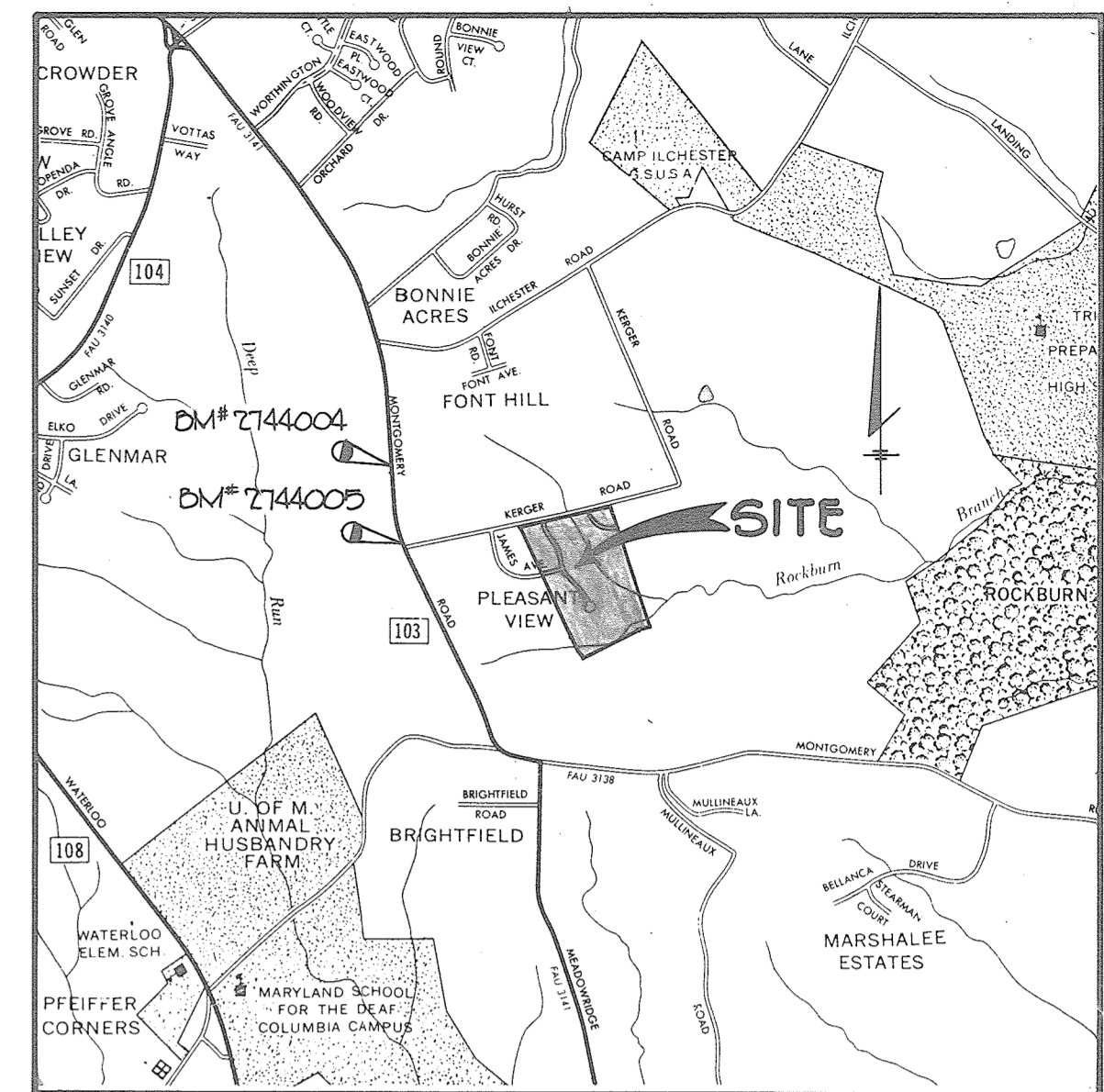
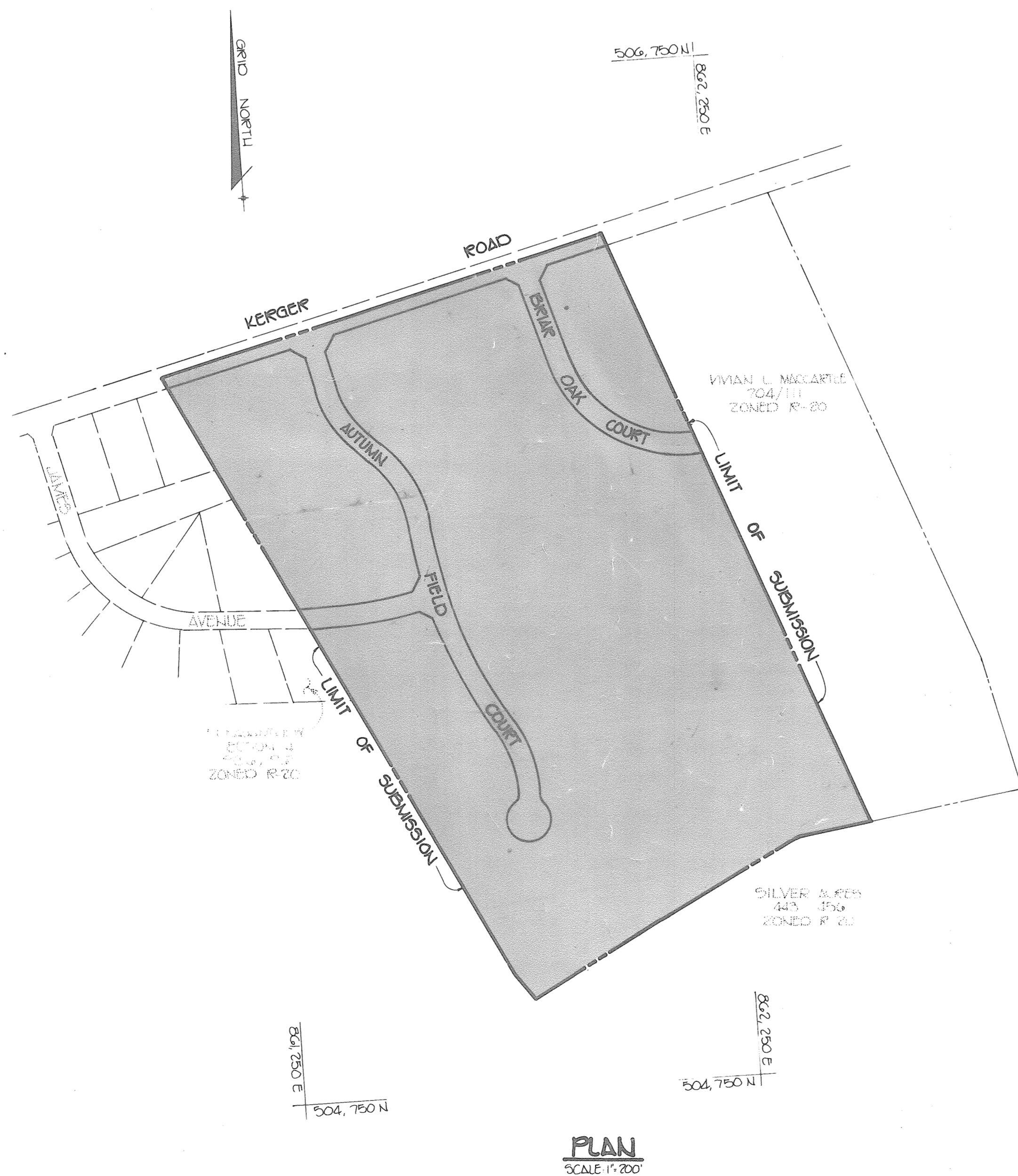
STRAWBERRY FIELDS
SECTION 1, AREA 1

1ST ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

GENERAL NOTES

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARD SPECIFICATIONS AND DETAILS FOR ROAD CONSTRUCTION.
- APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL TEST PIT EXISTING UTILITIES, WHERE DIRECTED BY THE ENGINEER, A MINIMUM OF TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS.
- CONTRACTOR TO NOTIFY THE FOLLOWING UTILITIES AT LEAST THREE DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS.

| | |
|---|-------------------|
| BELL TELEPHONE SYSTEM | 393-3649 |
| LONG DISTANCE CABLE DIVISION | 393-3553 OR 3554 |
| BALTIMORE GAS AND ELECTRIC | 539-8000 EXT. 691 |
| HOWARD COUNTY BUREAU OF UTILITIES | 992-2366 |
| HOWARD COUNTY CONSTRUCTION INSPECTION SURVEY DIVISION | 992-2417/2418 |
- ALL INLETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HOWARD COUNTY STANDARDS.
- ALL STREET CURB RETURNS SHALL HAVE 20.0' RADII UNLESS OTHERWISE NOTED.
- STORM DRAIN TRENCHES WITHIN ROAD RIGHT OF WAY SHALL BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH HOWARD COUNTY ROAD CODE.
- INSTALLATION OF TRAFFIC CONTROL DEVICES, MARKING AND SIGNING SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES 1984 EDITION.
- PIPE SHALL NOT BE INSTALLED BY THE CONTRACTOR UNTIL THE LENGTH CALLED FOR AT EACH STATION HAS BEEN APPROVED BY THE ENGINEER IN THE FIELD.
- DESIGNED TRAFFIC SPEED IN ACCORDANCE WITH THE AMERICAN ASSOCIATION OF STATE HIGHWAY OFFICIAL STANDARDS:
ALL CUL-DE-SAC DESIGNED FOR 30 M.P.H., ALL LOCAL STREETS DESIGNED FOR 30 M.P.H., ALL MINOR COLLECTORS DESIGNED FOR 35 M.P.H.
- ALL ELEVATIONS SHOWN ARE BASED ON U.S.C. AND G.S. MEAN SEA LEVEL DATUM 1929.
- ALL FILL AREAS WITHIN ROADWAYS AND UNDER STRUCTURES TO BE COMPACTED TO A MINIMUM 95% OF MAXIMUM OBTAINABLE DENSITY DETERMINED BY MARSHALL PROCTOR.
- ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
- PROFILE STATIONS SHALL BE ADJUSTED AS NECESSARY TO CONFORM TO PLAN DIMENSIONS.
- SUBJECT PROPERTY ZONED R-20 PER 8-2-85 COMPREHENSIVE ZONING PLAN.
- TOPO TAKEN FROM FIELD RUN SURVEY BY TRACY, SCHULTE & ASSOCIATES DATED SEPT, 1988.
- EXISTING POND WAS DESIGNED AND APPROVED BY U.S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION DISTRICT, MAY 1983.



VICINITY MAP
SCALE 1" = 2000'

BENCH MARK DESCRIPTION

- HC BM # 2744005 ELEV 419.625
3/4" REBAR CG BELOW SURFACE 10 ± WEST EDGE OF ROUTE #103 AND 80 NORTH OF E OF KERGER ROAD
- HC BM # 2744004 ELEV 419.967
3/4" REBAR OD BELOW SURFACE 7 ± WEST OF ROUTE #103 AND 1400 ± S OF INTERSECTION WITH ILCHESTER ROAD

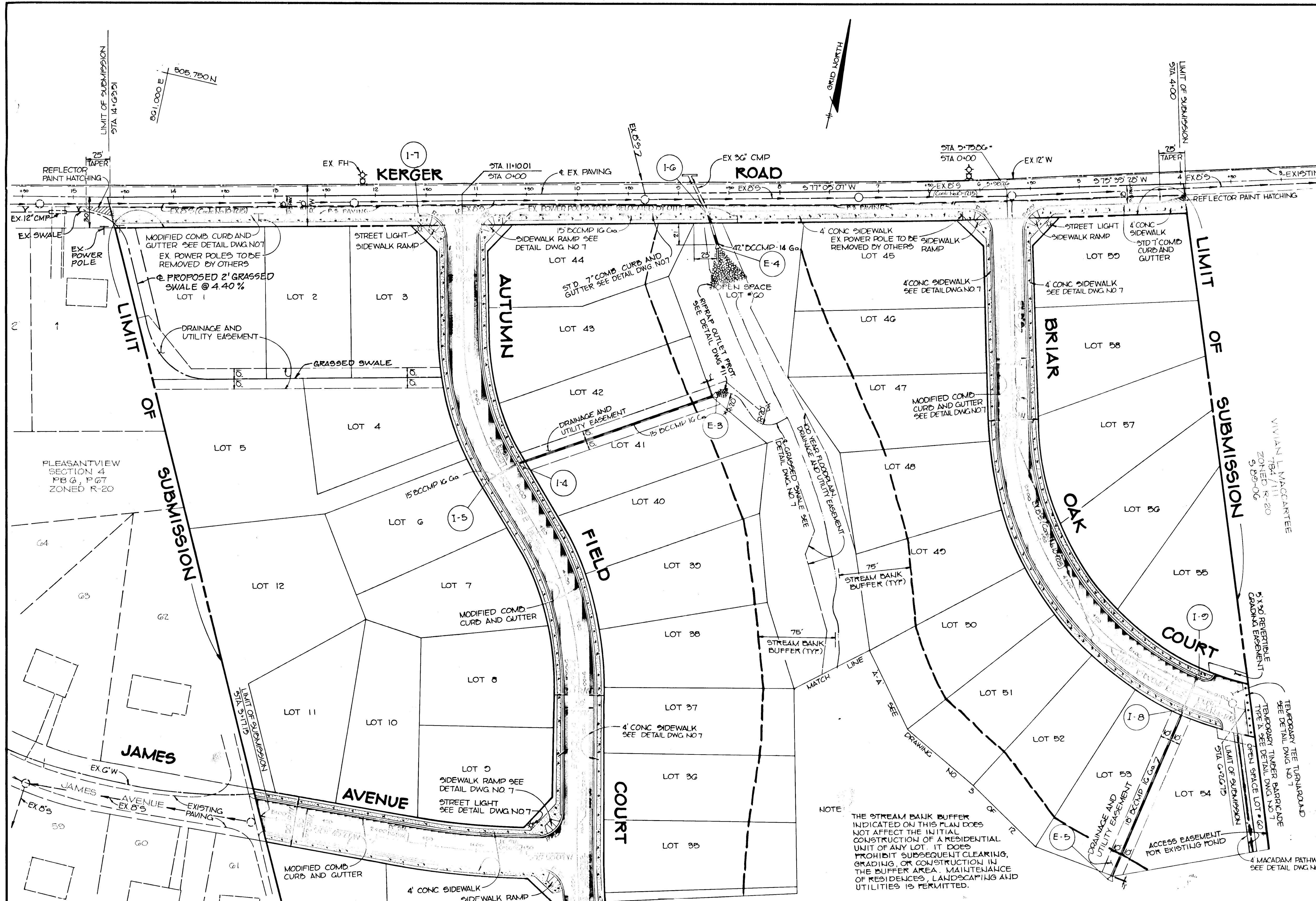
NOTE: 4/26/09 CAPITAL PROJECT D-1189 REVISED THE PRINCIPAL SPILLWAY AS SHOWN FROM BE REPLACING THE METAL CONTROL STRUCTURE AND 10' C&G WITH REINFORCED CONCRETE CONTROL STRUCTURE AND 20' R&B. THE POND AND CONTROL WAS ALSO GRADU TO IMPROVE W&Q WATER QUALITY AND PROVIDE A FOREBAY. ADDITIONAL SPECIFICATIONS AND NOTES PROVIDED WERE ALSO PROVIDED. AN ALTERNATIVE COMPLIANCE (MP 19-03) APPROVED ON OCT. 27, 2018 BY SECT. 1A1920(G) AND 1A2010.

| | |
|--|-----------------|
| APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS | |
| <i>Charles Schulze</i> CHIEF, LAND DEVELOPMENT DIVISION | 8/3/89 DATE |
| <i>Charles Schulze</i> CHIEF, BUREAU OF HIGHWAYS | 8/18/89 DATE |
| <i>William S. Kelly</i> CHIEF, BUREAU OF ENGINEERING | 8-21-89 DATE |
| APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING | |
| <i>Marsha J. Schulte</i> CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT | 9/21/89 DATE |

512/19/19-033 REF NOT ACCD

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| | |
|---|---|
| OWNER ELEANOR NICOLAI, ET AL. PO BOX 417 ELLCOTT CITY, MARYLAND 21043 | PROJECT 3-85-58 P-85-80 F-85-88 STRAWBERRY FIELDS SECTION 1 AREA 1 LOTS 1 THRU 60 |
| DEVELOPER SECURITY DEVELOPMENT CORP. PO BOX 417 ELLCOTT CITY, MARYLAND 21043 | LOCATION TAX MAP # 31 PARCEL # 756 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND |
| TITLE TITLE SHEET 3-85-58 P-85-80 F-85-88 DATE DEC 1, 1988 7-19-89 | PROJECT NO 0045 R50 |
| DES. R J W DRN C P S | SCALE 1" = 200' DRAWING 1 OF 13 |



| STRUCTURE SCHEDULE | | | | | | | |
|--------------------|--------------------------|--|---------|----------|----------|-------------------------|-------------------------|
| NO. | TYPE | LOCATION | INV. IN | INV. OUT | IC ELEV. | REMARKS | |
| 1-1 | A-10 | LP STA 13+55.41 AUTUMN FIELD CT | --- | 361.02 | 369.24 | H.C. STD DETAIL SD-4.02 | |
| 1-2 | A-5 W/DEFL | 15' LT OF E STA 9+52 AUTUMN FIELD CT | 377.22 | 377.02 | 382.16 | H.C. STD DETAIL SD-4.01 | |
| 1-3 | A-5 W/DEFL | 15' RT OF E STA 9+52 AUTUMN FIELD CT | --- | 377.92 | 382.16 | H.C. STD DETAIL SD-4.01 | |
| 1-4 | A-5 | 16' LT OF E STA 2+01.50 AUTUMN FIELD CT | --- | 378.51 | 378.31 | 383.56 | H.C. STD DETAIL SD-4.01 |
| 1-5 | A-10 | 16' RT OF E STA 2+01.50 AUTUMN FIELD CT | --- | 379.06 | 383.56 | H.C. STD DETAIL SD-4.02 | |
| 1-6 | A-5 | SEE PLAN | 374.97 | 372.52 | 381.70 | H.C. STD DETAIL SD-4.01 | |
| 1-7 | A-10 W/DEFL | 19' LT OF E STA 11 + 55 KERGER RD | --- | 384.19 | 389.15 | H.C. STD DETAIL SD-4.02 | |
| 1-8 | A-5 | 16' RT OF E STA 5+71 BRIAR OAK CT | 367.69 | 367.49 | 372.27 | H.C. STD DETAIL SD-4.01 | |
| 1-9 | A-10 | 16' LT OF E STA 5+71 BRIAR OAK CT | --- | 368.16 | 372.27 | H.C. STD DETAIL SD-4.02 | |
| E1 | 15" METAL END SECTION | SEE PLAN | --- | 352.24 | --- | H.C. STD DETAIL SD-5.61 | |
| E2 | 15" METAL END SECTION | SEE PLAN | --- | 367.03 | --- | H.C. STD DETAIL SD-5.61 | |
| E3 | 15" METAL END SECTION | SEE PLAN | --- | 368.93 | --- | H.C. STD DETAIL SD-5.61 | |
| E4 | 42" METAL END SECTION | SEE PLAN | --- | 370.83 | --- | H.C. STD DETAIL SD-5.61 | |
| E5 | 18" METAL END SECTION | SEE PLAN | --- | 364.80 | --- | H.C. STD DETAIL SD-5.61 | |

ALL STORM DRAIN BEDDING SHALL BE CLASS 'C' UNLESS OTHERWISE NOTED.

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Small Japan 8/13/09 DATE
 CHIEF, BUREAU OF HIGHWAYS
Richard K. Kelly 8/17/09 DATE
 CHIEF, BUREAU OF ENGINEERING 8-21-09 DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING
Mark J. McCarty 8/21/09 DATE
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

| NO | DATE | REVISION |
|----|---------|-------------------|
| 1 | 1/10/02 | ADDED SWALE LOT 1 |

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James K. Schulz

OWNER
 ELEANOR NICOLAI, ET AL.
 P.O. BOX 417
 ELLICOTT CITY, MARYLAND 21043

PROJECT 5-25-08 P-28-00 F-80-08

STRAWBERRY FIELDS
 SECTION 1, AREA 1 LOTS 1 THRU 60

DEVELOPER
 SECURITY DEVELOPMENT CORP.
 P.O. BOX 417
 ELLICOTT CITY, MARYLAND 21043

TITLE
 PLAN OF KERGER ROAD,
 BRIAR OAK COURT, AUTUMN
 FIELD COURT AND JAMES AVENUE

DATE DEC 1988 PROJECT NO 0045
 7-19-89

DES RJW DRN JLK/JLT SCALE 1"=50' DRAWING 2 OF 13

| CURVE DATA | CURVE DATA | CURVE DATA | CURVE DATA | CURVE DATA |
|--|--|--|--|---|
| AUTUMN FIELD COURT STA 14+32.02 TO STA 21+75.61 | AUTUMN FIELD COURT STA 3+42.01 TO STA 2+02.61 | AUTUMN FIELD COURT STA 6+46.85 TO STA 2+12.50 | JAMES AVENUE STA 0+56.36 TO STA 1+68.24 | BRIAR OAK COURT STA 2+50.58 TO STA 6+26.75 |
| Δ = 30° 15' 00" | Δ = 31° 59' 53" | Δ = 15° 13' 46" | Δ = 10° 20' 25" | Δ = 76° 06' 42" |
| R = 250.00' | R = 300.00' | R = 1150.00' | R = 625.00' | R = 2950.00' |
| L = 191.99' | L = 167.54' | L = 265.93' | L = 116.24' | L = 596.17' |
| T = 67.57' | T = 86.02' | T = 153.36' | T = 59.50' | T = 294.42' |
| D = 22° 25' 06" | D = 19° 05' 25" | D = 04° 28' 56" | D = 09° 10' 02" | D = 19° 25' 20" |

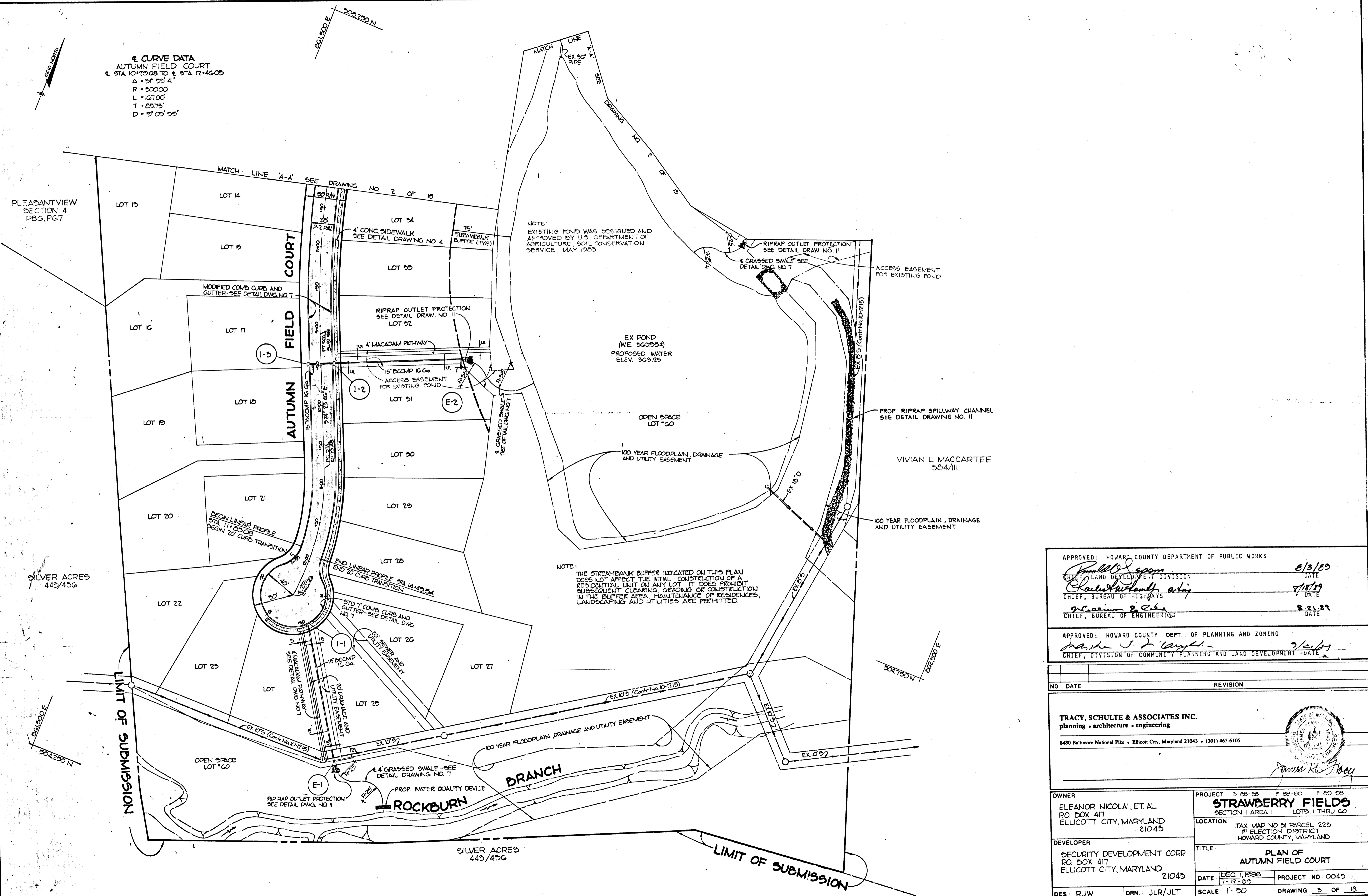
1469

☉ CURVE DATA
AUTUMN FIELD COURT
 ☉ STA 10+79.08 TO ☉ STA 12+46.03
 Δ = 21° 23' 41"
 R = 200.00'
 L = 127.00'
 T = 0573'
 D = 19° 05' 25"

PLEASANTVIEW SECTION 4 PB.G. PG.7

SILVER ACRES 443/456

SILVER ACRES 443/456



NOTE:
 EXISTING POND WAS DESIGNED AND APPROVED BY U.S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, MAY 1985.

NOTE:
 THE STREAMBANK BUFFER INDICATED ON THIS PLAN DOES NOT AFFECT THE INITIAL CONSTRUCTION OF A RESIDENTIAL UNIT ON ANY LOT. IT DOES PROHIBIT SUBSEQUENT CLEARING, GRADING OR CONSTRUCTION IN THE BUFFER AREA. MAINTENANCE OF RESIDENCES, LANDSCAPING AND UTILITIES ARE PERMITTED.

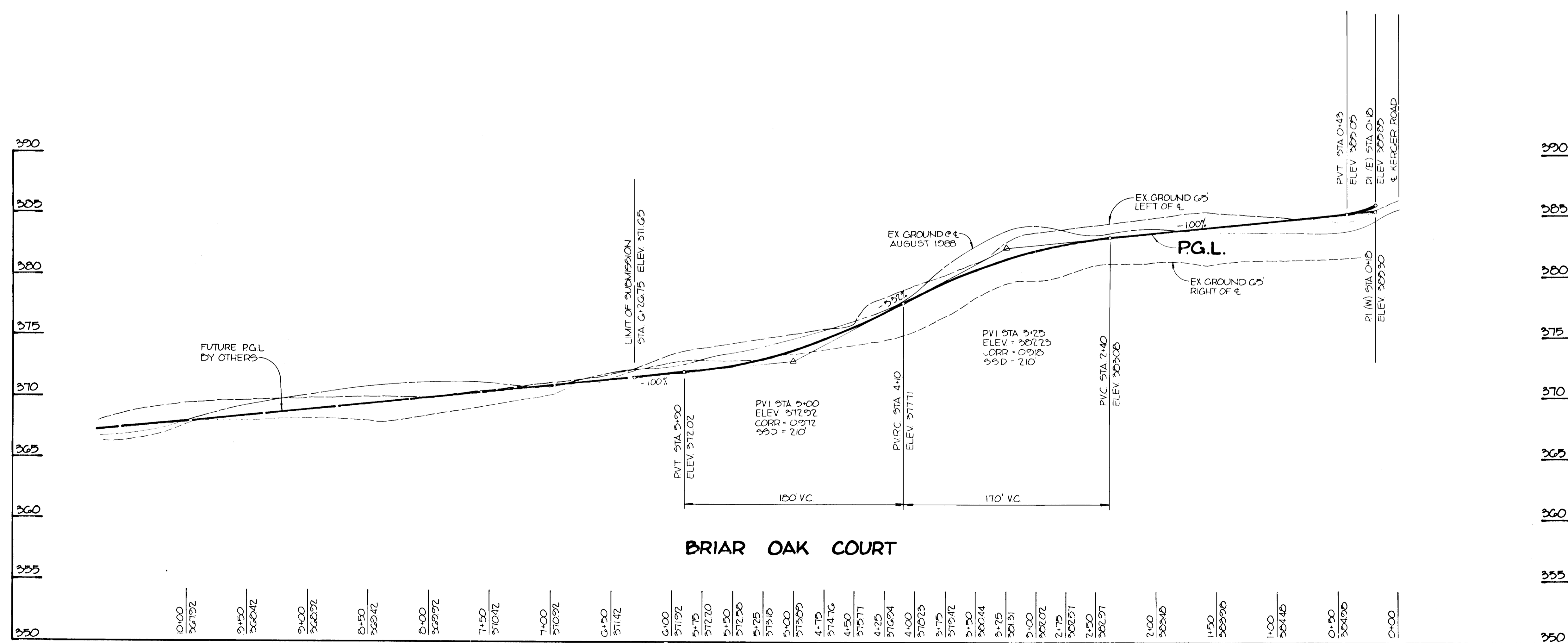
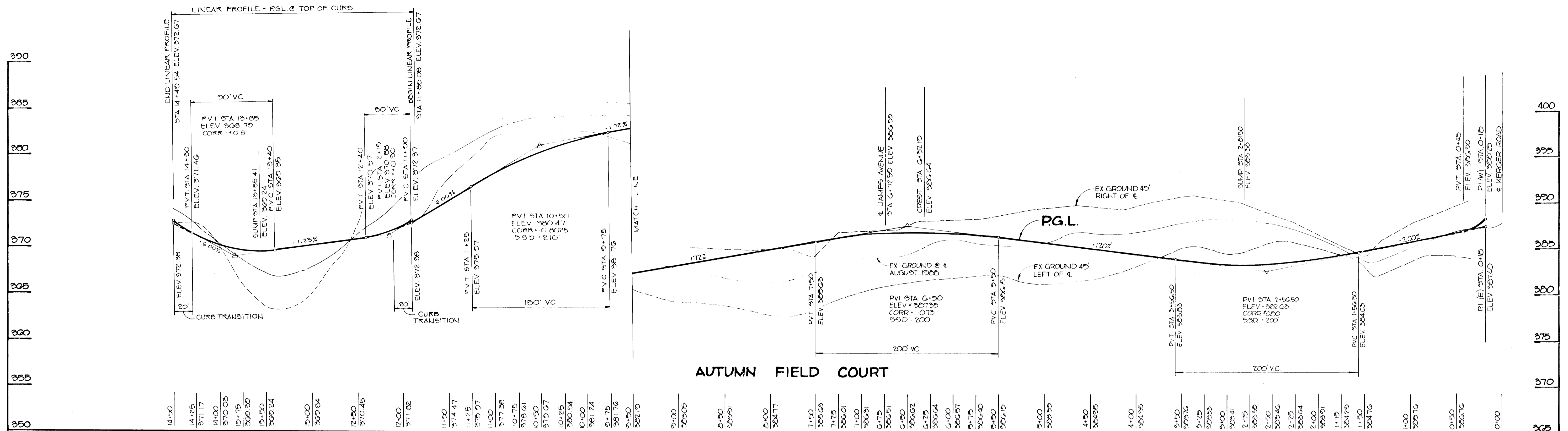
| | |
|---|---------|
| APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS | 8/3/89 |
| <i>Samuel S. Sporn</i> CHIEF, LAND DEVELOPMENT DIVISION | DATE |
| <i>Charles W. Smith, Sr.</i> CHIEF, BUREAU OF HIGHWAYS | 7/18/89 |
| <i>William E. Eber</i> CHIEF, BUREAU OF ENGINEERING | 8-21-89 |
| APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING | 7/21/89 |
| <i>Marsha J. Layell</i> CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT | DATE |

| NO | DATE | REVISION |
|----|------|----------|
| | | |

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James K. Tibby

| | |
|---|---|
| OWNER ELEANOR NICOLAI, ET. AL PO BOX 417 ELLICOTT CITY, MARYLAND 21043 | PROJECT 5-88-58 P-88-80 F-80-08 STRAWBERRY FIELDS SECTION 1 AREA 1 LOTS 1 THRU 60 |
| DEVELOPER SECURITY DEVELOPMENT CORP PO BOX 417 ELLICOTT CITY, MARYLAND 21043 | TITLE PLAN OF AUTUMN FIELD COURT |
| DES: RJW | DRN: JLR/JLT |
| DATE: DEC 1 1988 7-19-89 | PROJECT NO: 0045 DRAWING 3 OF 13 |
| SCALE: 1" = 50' | |



APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Donald J. Sapon DATE 8/13/89
 CHIEF, LAND DEVELOPMENT DIVISION
Charles W. Kelly DATE 8/17/89
 CHIEF, BUREAU OF HIGHWAYS
William E. Kelly DATE 8-21-89
 CHIEF, BUREAU OF ENGINEERING

APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING
Martha V. Langley DATE 7/21/89
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

| NO | DATE | REVISION |
|----|------|----------|
| | | |

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OWNER: ELEANOR NICOLAI, ET AL
 PO BOX 417
 ELLICOTT CITY, MARYLAND 21043

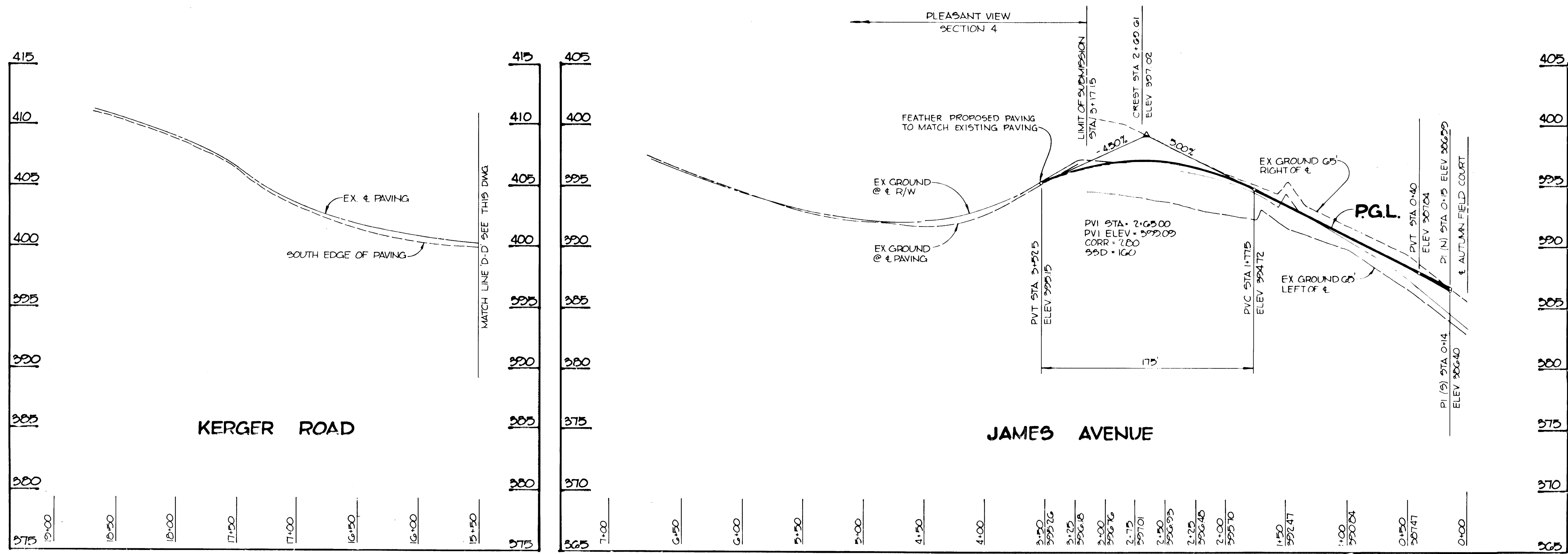
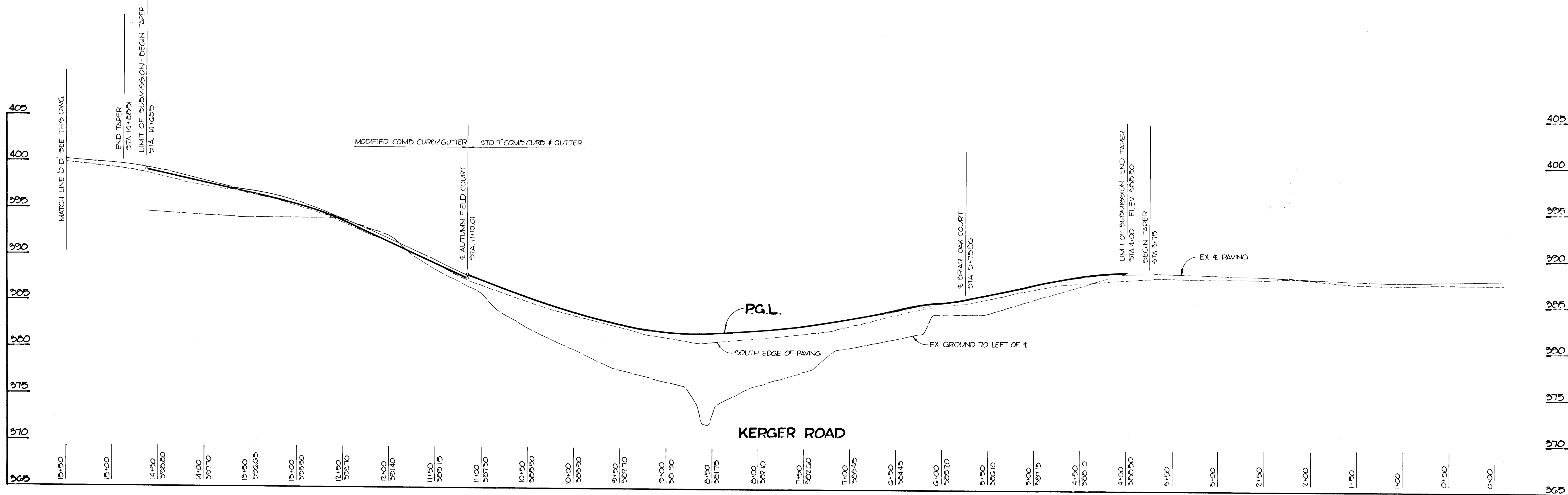
PROJECT: S-88-58 P-88-80 F-88-28
STRAWBERRY FIELDS
 SECTION 1 AREA 1 LOTS 1 THRU 60

DEVELOPER: SECURITY DEVELOPMENT CORP
 PO BOX 417
 ELLICOTT CITY, MARYLAND 21043

TITLE: ROADWAY PROFILES

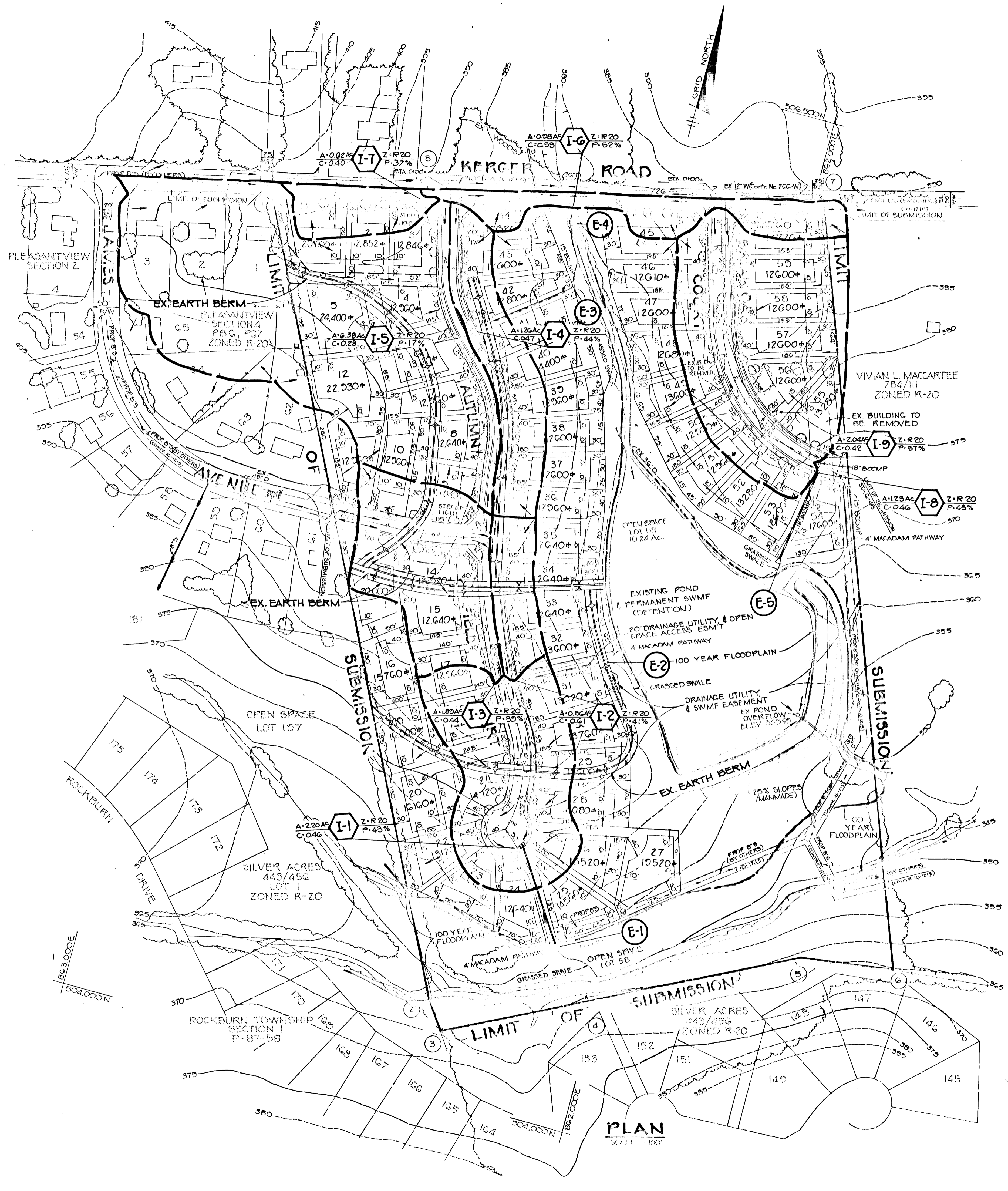
DATE: DEC 1, 1988 PROJECT NO 0045
 7-19-89
 H-1-50
 V-1-5

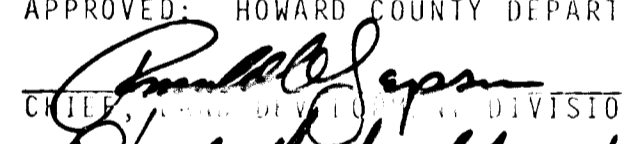
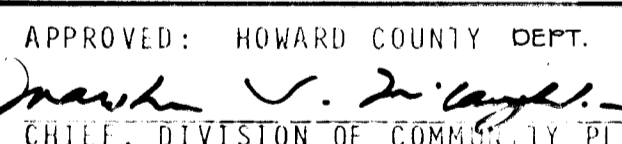
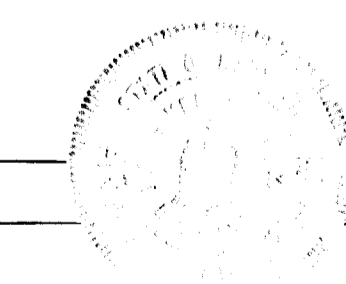
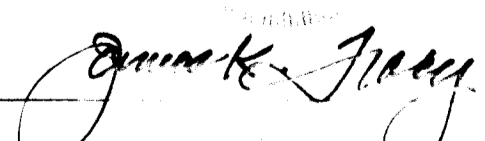
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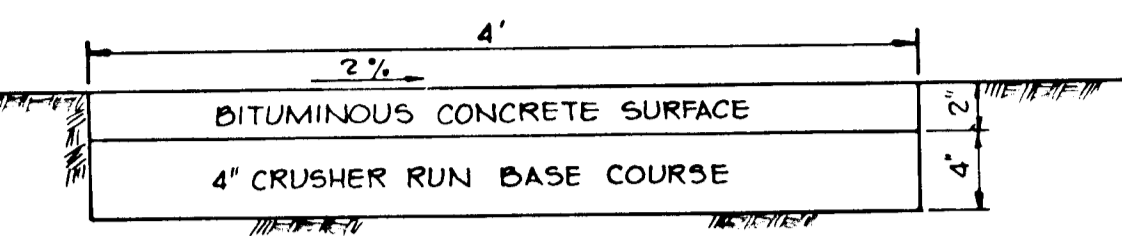
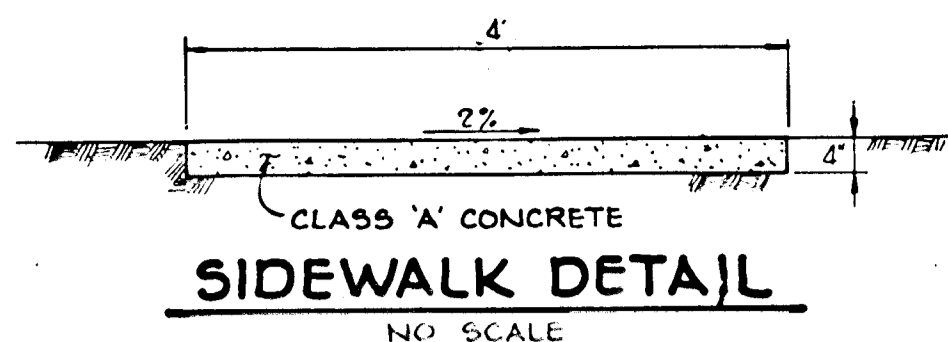
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|---|--|
| APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS | |
| <i>Donald J. Sisson</i> CHIEF, LAND DEVELOPMENT DIVISION | 8/13/89 DATE |
| <i>Charles W. Landry</i> CHIEF, BUREAU OF HIGHWAYS | 8/17/89 DATE |
| <i>William S. Riley</i> CHIEF, BUREAU OF ENGINEERING | 8-21-89 DATE |
| APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING | |
| <i>Marsha S. Langley</i> CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT | 7/2/89 DATE |
| NO | REVISION |
| TRACY, SCHULTE & ASSOCIATES INC. planning • architecture • engineering 8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (301) 465-6105 | |
| <i>James R. Tracy</i> | |
| OWNER: ELEANOR NICOLAI, ET AL PO BOX 417 ELLCOTT CITY, MARYLAND 21043 | PROJECT: S-88-58 P-88-60 F-88-08 STRAWBERRY FIELDS SECTION 1, AREA 1 LOTS 1 THRU 60 LOCATION: TAX MAP NO 31 PARCEL 223 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND |
| DEVELOPER: SECURITY DEVELOPMENT CORP PO BOX 417 ELLCOTT CITY, MARYLAND 21043 | TITLE: ROADWAY PROFILES |
| DATE: DEC 1 1988 7-19-89 | PROJECT NO: 0045 |
| DFS: RJW | DRN: JLR/JLT |
| SCALE: H=1"=50' V=1"=5' | DRAWING: 5 OF 13 |

1469

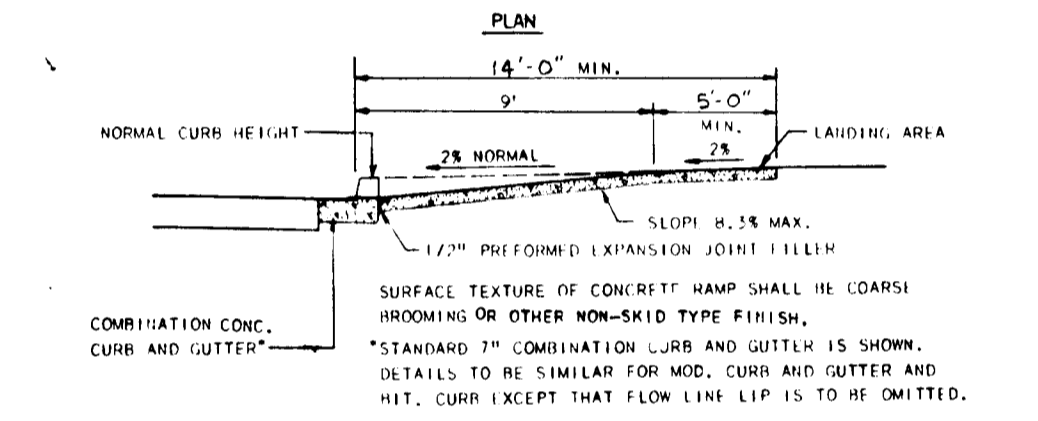
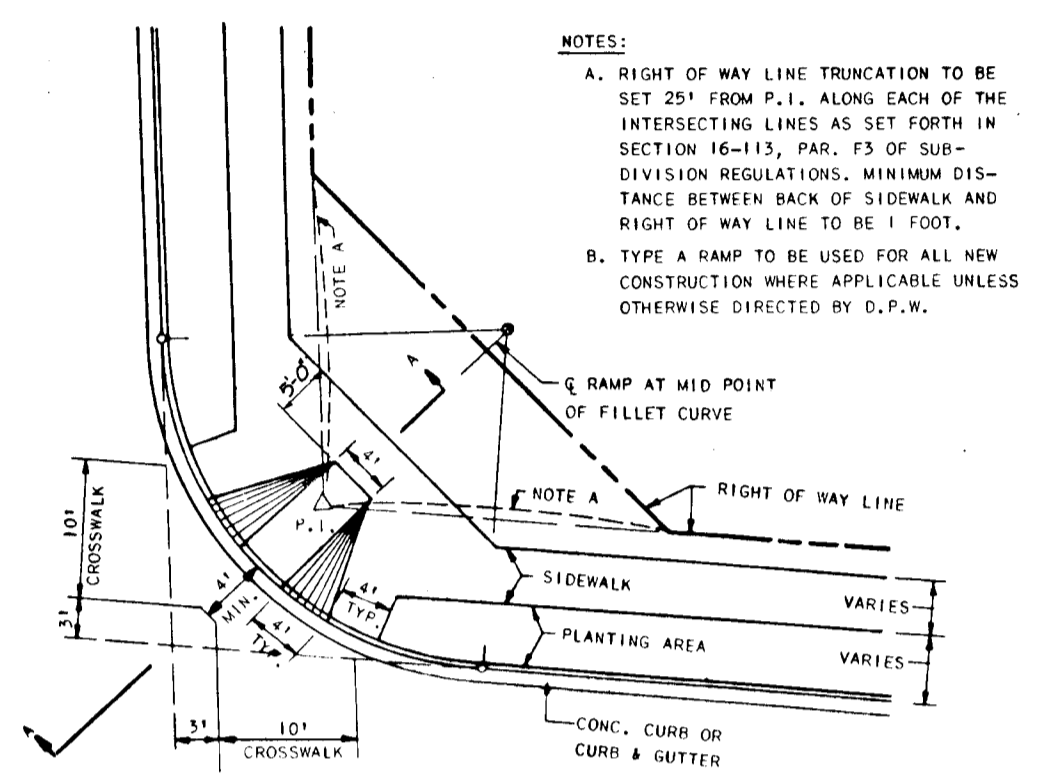


| | | |
|--|--|--|
| APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS | | 01/18/89 |
|  CHIEF, DIVISION OF HIGHWAYS CHIEF, BUREAU OF ENGINEERING | | DATE |
| APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING | | 9/18/89 |
|  CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT | | DATE |
| 1/10/92 | REVISED D.A. I-5 AND I-7 | |
| NO | DATE | REVISION |
| TRACY, SCHULTE & ASSOCIATES INC. planning • architecture • engineering 8490 Baltimore National Pike • Ellicott City, Maryland 21043 • (301) 465-6105 | | |
|   | | |
| OWNER: | ELEANOR E. NICHOLAI, ET AL 5377 KERGER ROAD ELLCOTT CITY, MARYLAND 21043 | PROJECT: 9-88-50 P-88-80 F-88-28 STRAWBERRY FIELDS SECTION 1 AREA 1 LOTS 1 THRU 60 |
| DEVELOPER: | SECURITY DEVELOPMENT CORP. P.O. BOX 417 ELLCOTT CITY, MARYLAND 21043 | LOCATION: TAX MAP NO. 31 PARCEL 273 18 TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND |
| DATE: | DECEMBER 1988 7-19-89 | PROJECT NO. 00345 |
| DFS: R.J.W. | DRN: S.A.P. | SCALE: 1"=100' DRAWING: 6 OF 15 |

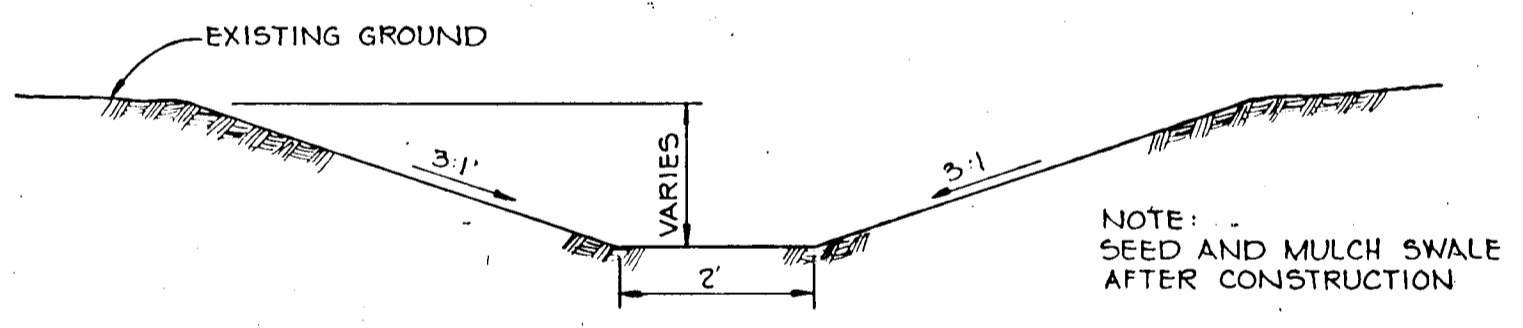
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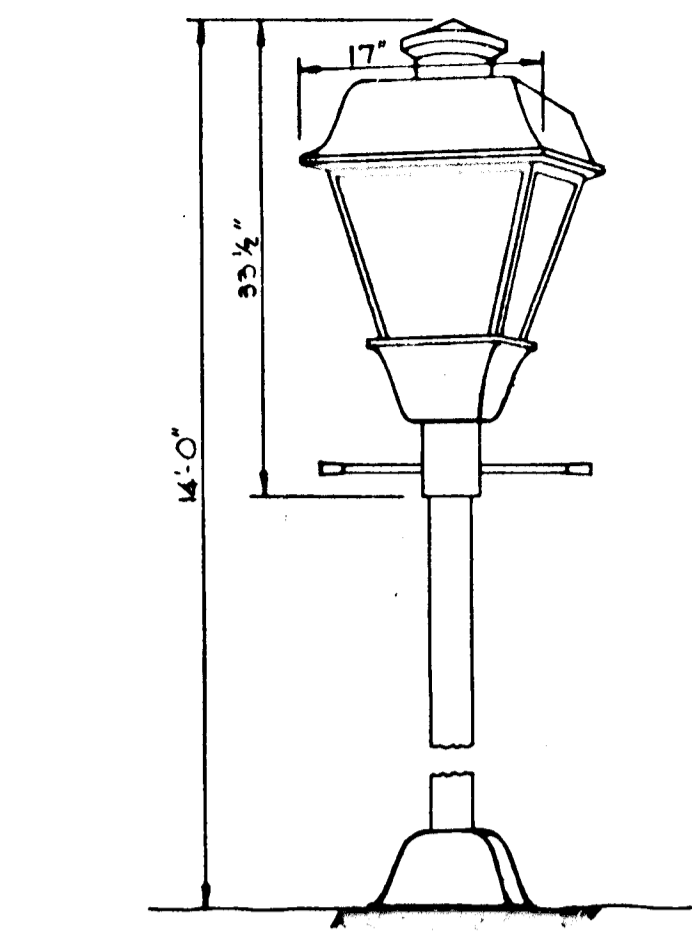
MACADAM PATHWAY DETAIL
NO SCALE



SIDEWALK RAMP
NO SCALE

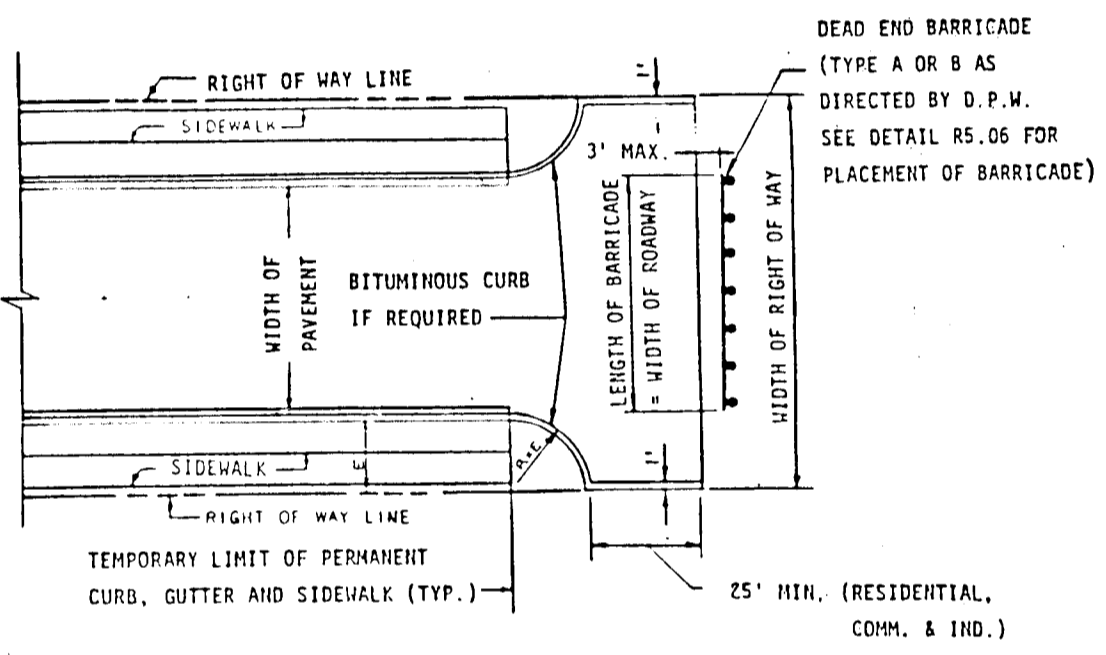


GRASSED SWALE
NO SCALE



DETAIL - LIGHTING FIXTURE
No Scale

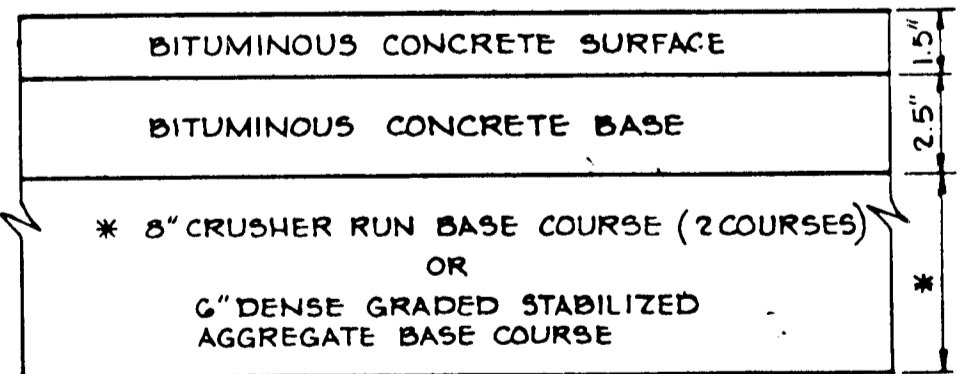
NOTE:
ALL STREET LIGHT FIXTURES TO BE 100 WATT HIGH PRESSURE SODIUM 14 HIGH WITH GRAY FIBERGLASS POLE AND DIRECTED DOWNWARD. LOCATIONS OF STREET LIGHT FIXTURES ARE ON THE PLAN AND ARE SHOWN THUS *



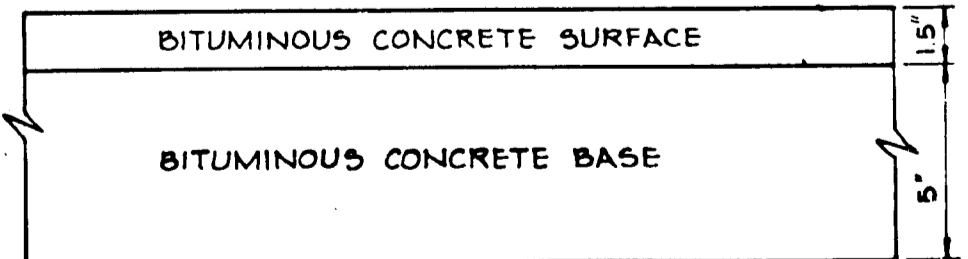
TEMPORARY TEE TURN AROUND
NO SCALE

- NOTES:
1. A TEE TURN-AROUND SHALL BE USED IN LIEU OF A CUL-DE-SAC ONLY IF THE STREET IS TO BE EXTENDED IN THE FUTURE.
 2. BITUMINOUS CURB SHALL EXTEND AROUND THE TEE TURN-AROUND IF AND AS REQUIRED TO CONTROL CURB DRAINAGE FROM THE ROADWAY SECTION.
 3. REFER TO STANDARD R-5.06 FOR TYPICAL ROADWAY PROFILE OF TEMPORARY LIMIT OF PAVING.
 4. FOR LOCAL ROADS, PROVIDE 5' REVERTIBLE EASEMENT EACH END OF THE TEE.

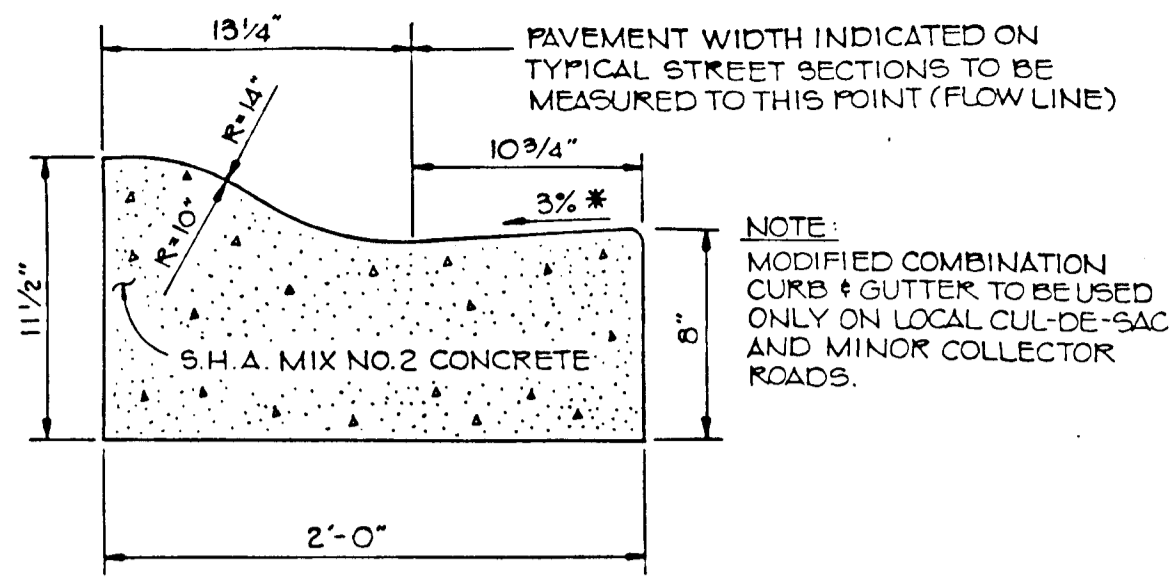
TEMPORARY TEE TURN AROUND
NO SCALE



P-2 PAVING
NO SCALE

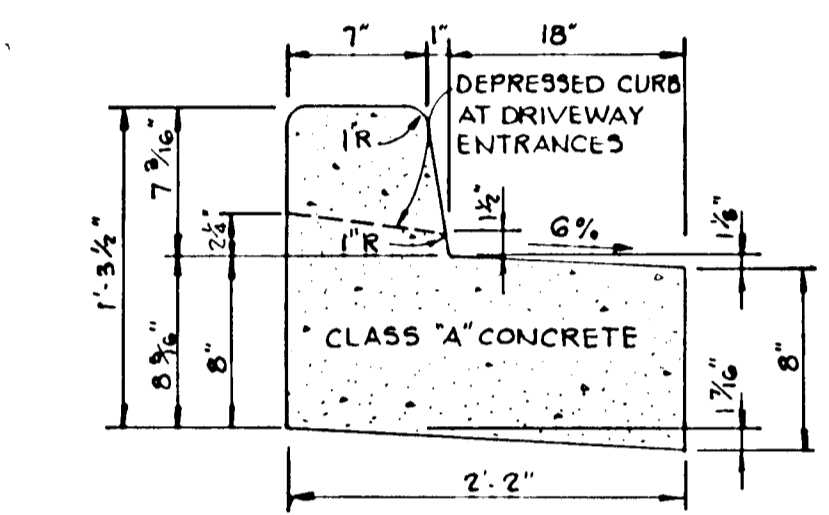


8" PAVING, P-3
NO SCALE
BRIAR OAK COURT
JAMES AVENUE
AUTUMN FIELD COURT

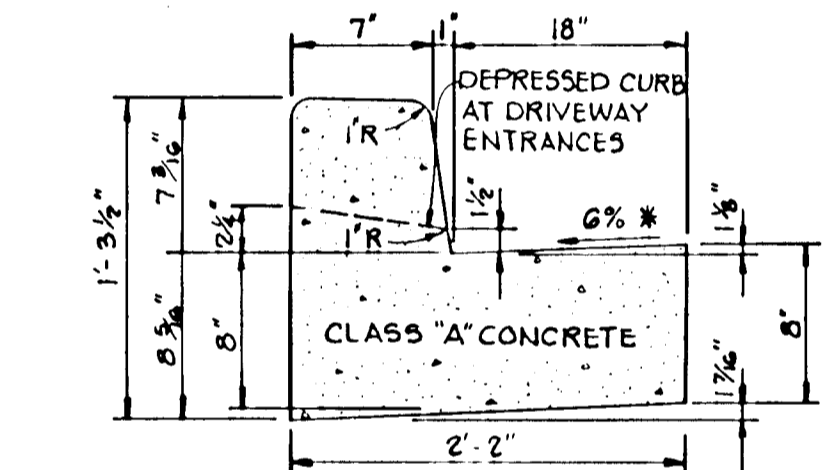


NOTE:
MODIFIED COMBINATION CURB & GUTTER TO BE USED ONLY ON LOCAL CUL-DE-SAC AND MINOR COLLECTOR ROADS.

MODIFIED COMBINATION CURB AND GUTTER
NO SCALE



REVERSE

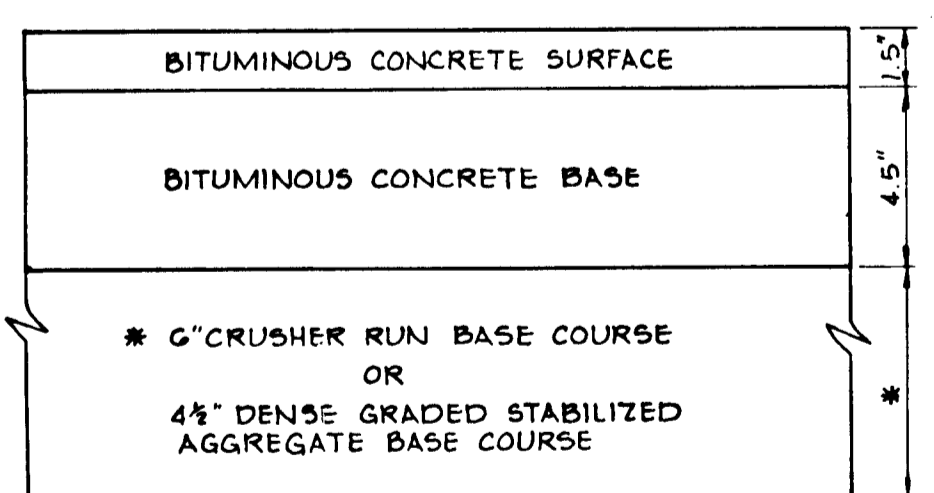


STANDARD 7" COMBINATION CURB AND GUTTER
NO SCALE

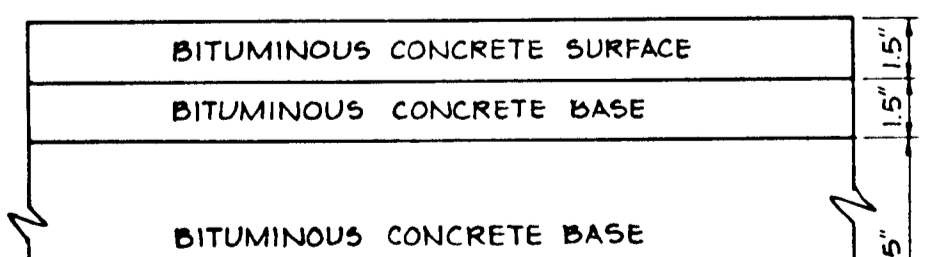
HOWARD COUNTY DESIGN MANUAL VOLUME IV STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (DRAWING R-301)

STANDARD 7" COMBINATION CURB AND GUTTER
NO SCALE

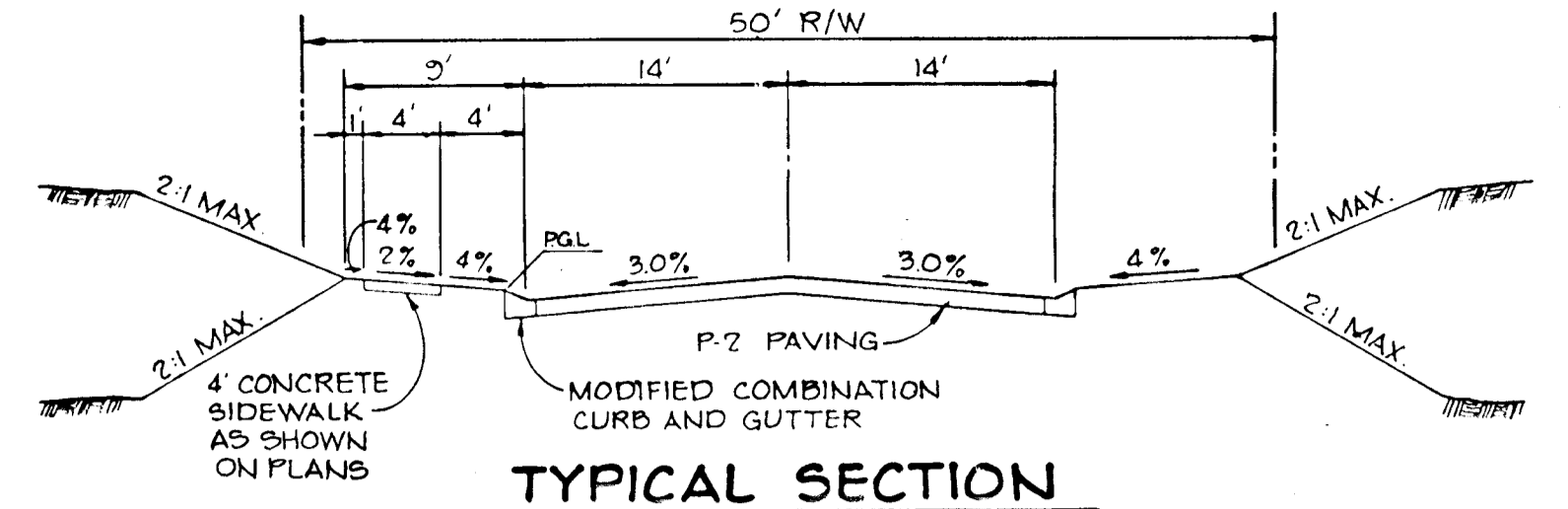
AUTUMN FIELD COURT - LINEAR PROFILE ONLY
KERGER ROAD - STA. 4+00 TO STA. 10+70.01



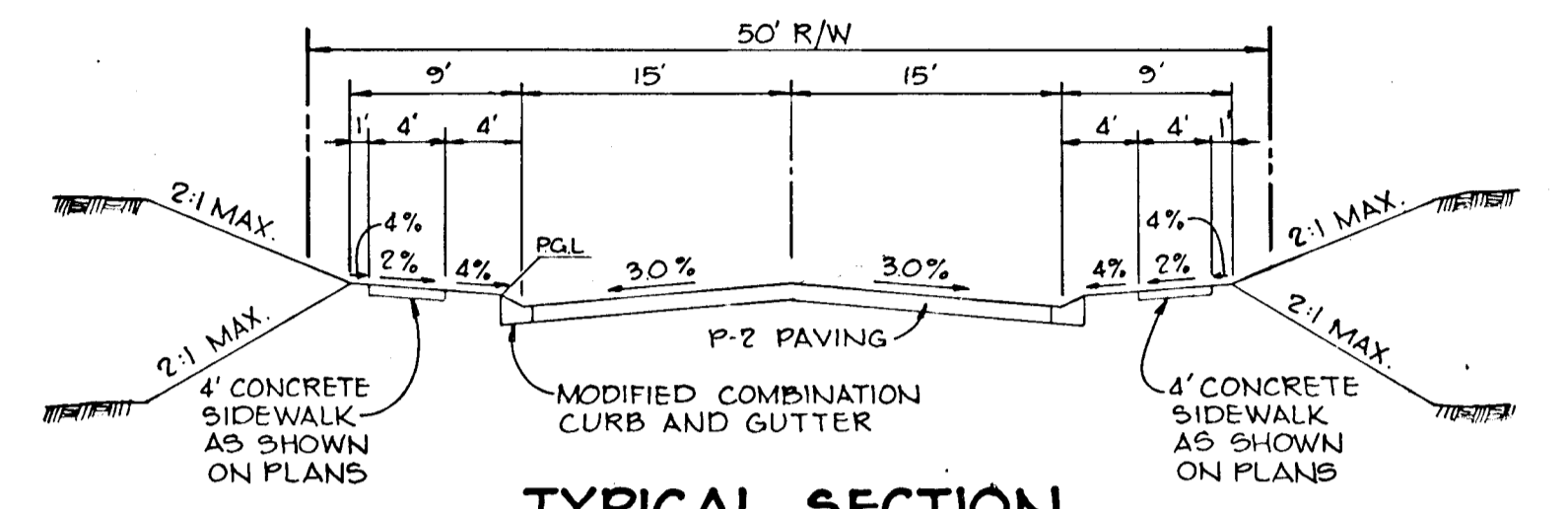
8" PAVING, P-3
NO SCALE



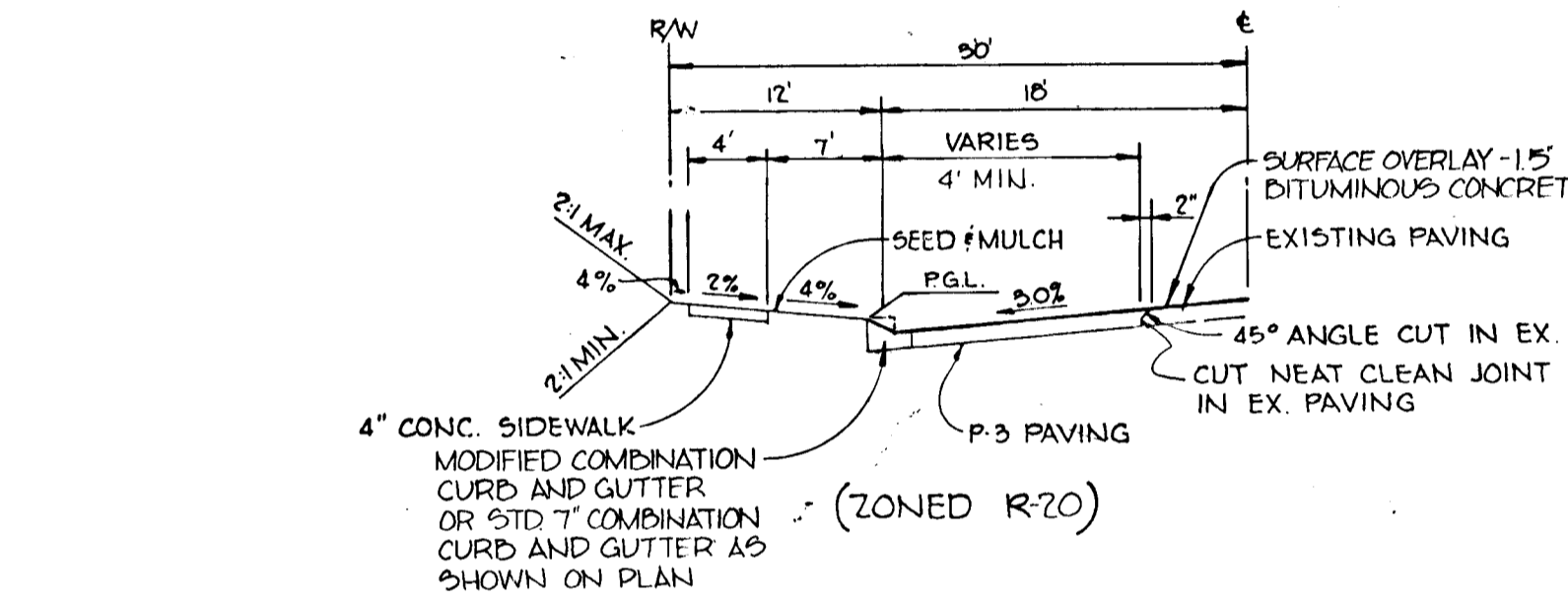
8" PAVING, P-3
NO SCALE
KERGER ROAD



TYPICAL SECTION
NO SCALE
AUTUMN FIELD COURT
STA. 7+12.50 TO STA. 11+85.08
DESIGN SPEED 30 M.P.H.
CLASSIFICATION - LOCAL CUL-DE-SAC
ZONING R-20



TYPICAL SECTION
NO SCALE
BRIAR OAK COURT STA. 0+00 TO STA. 6+22.75
AUTUMN FIELD COURT STA. 0+00 TO STA. 6+72.50
JAMES AVENUE STA. 0+00 TO STA. 3+17.15
DESIGN SPEED 30 M.P.H.
CLASSIFICATION - LOCAL STREET
ZONING R-20
* DESIGN SPEED 25 M.P.H. (WAIVER APPROVED)



TYPICAL HALF SECTION
NO SCALE
KERGER ROAD
STA. 4+00 TO STA. 14+28.51
DESIGN SPEED 35 M.P.H.
CLASSIFICATION - MINOR COLLECTOR
ZONING R-20

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Chief, Bureau of Engineering: *Charles M. Kelly* DATE: 8-21-89

Chief, Bureau of Highways: *Charles M. Kelly* DATE: 8-21-89

APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING

Chief, Division of Community Planning and Land Development: *Frank V. Campbell* DATE: 9/2/89

TRACY, SCHULTE & ASSOCIATES INC.
planning • architecture • engineering

8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (301) 465-6105

OWNER: ELEANOR E. NICOLAI, ET AL.
5977 KERGER ROAD
ELLCOTT CITY, MARYLAND 21043

PROJECT: 5-88-50, P-88-80, F-89-98
STRAWBERRY FIELDS
SECTION 1 AREA 1 LOTS 1 THRU 62

LOCATION: TAX MAP NO. 31 PARCEL 225
1ST ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

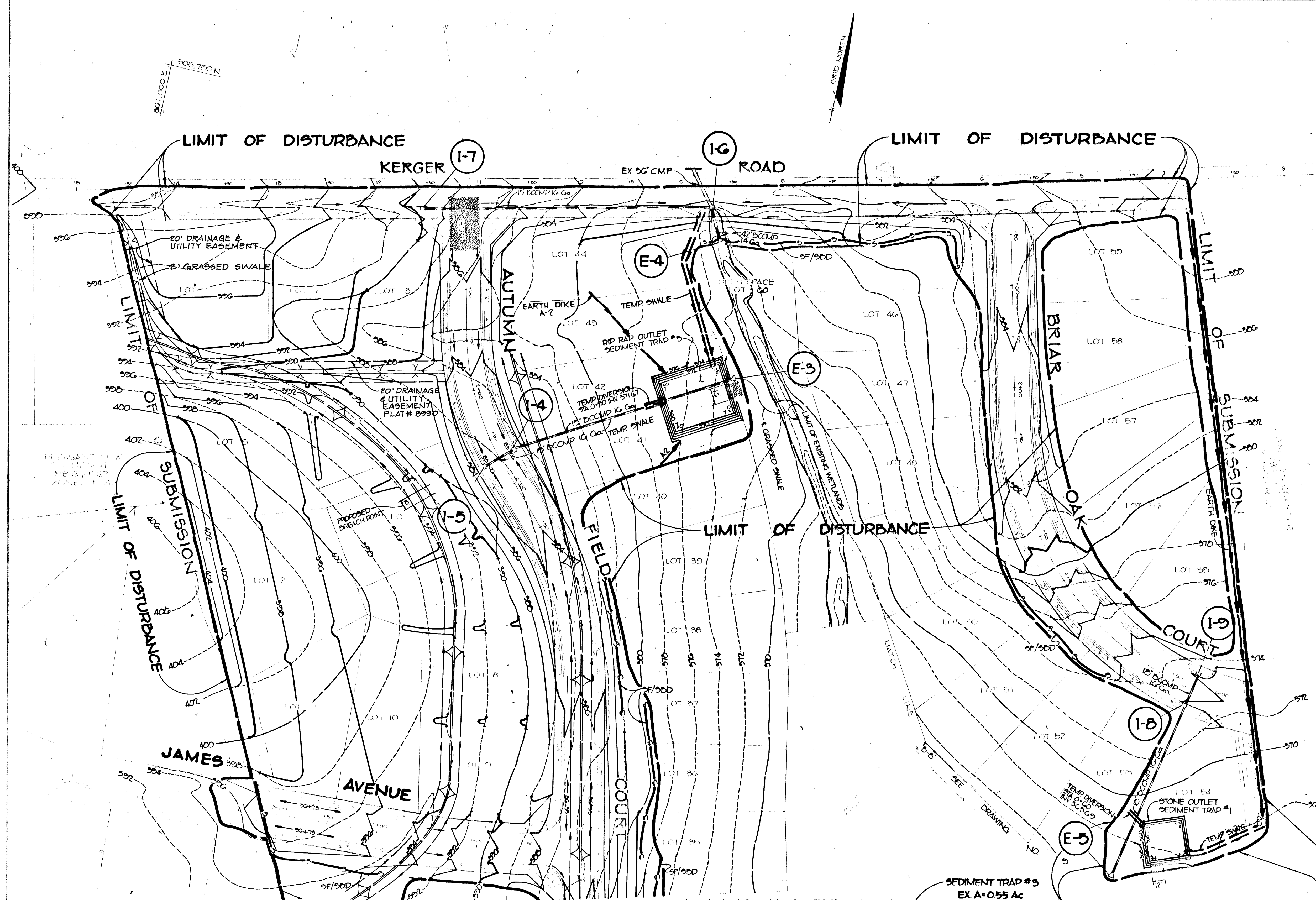
DEVELOPER: SECURITY DEVELOPMENT CORP.
P.O. BOX 417
ELLCOTT CITY, MARYLAND 21043

TITLE: DETAILS

DATE: DEC 1, 1988
7-12-80

PROJECT NO: 0045

SCALE: AS SHOWN
DRAWING: 7 OF 13



| SEDIMENT TRAP DATA | | | |
|--------------------------|------------------|------------------|------------------|
| | #1 | #2 | #3 |
| DRAINAGE AREA | 2.02 Ac | 3.12 Ac | 0.88 Ac |
| DISTURBED AREA | 1.43 Ac | 1.63 Ac | 6.14 Ac |
| STORAGE REQUIRED | 2574 cf | 5616 cf | 19,984 cf |
| STORAGE PROVIDED | 2667 cf | 5670 cf | 16,120 cf |
| CREST ELEV. | 5670 | 5654 | 5725 |
| CLEANOUT ELEV. | 5647 | 5630 | 5650 |
| BOTTOM ELEV. | 5634 | 5616 | 5610 |
| TRAP DIMENSIONS | 52' X 52' X 2.6' | 45' X 45' X 2.6' | 65' X 62' X 4.0' |
| EXISTING GROUND @ OUTLET | 5670 | 5654 | 5750 |

"I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A REPRESENTATIVE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM. THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT, I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS-BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."

James R. Moxley, President - SECURITY DEVELOPMENT CORP. 7/19/89

"I CERTIFY THAT THIS PLAN FOR POND CONSTRUCTION, EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT. I HAVE NOTIFIED THE DEVELOPER THAT HE MUST PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS-BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION."

James K. Tracy, President - SECURITY DEVELOPMENT CORP. 7/19/89

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL.

James M. Helms, U.S. SOIL CONSERVATION SERVICE 7/27/89

THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Robert W. Fisher, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS 7/27/89

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Charles W. Lambert, CIVIL ENGINEER 8/3/89

8/17/89

8-21-89

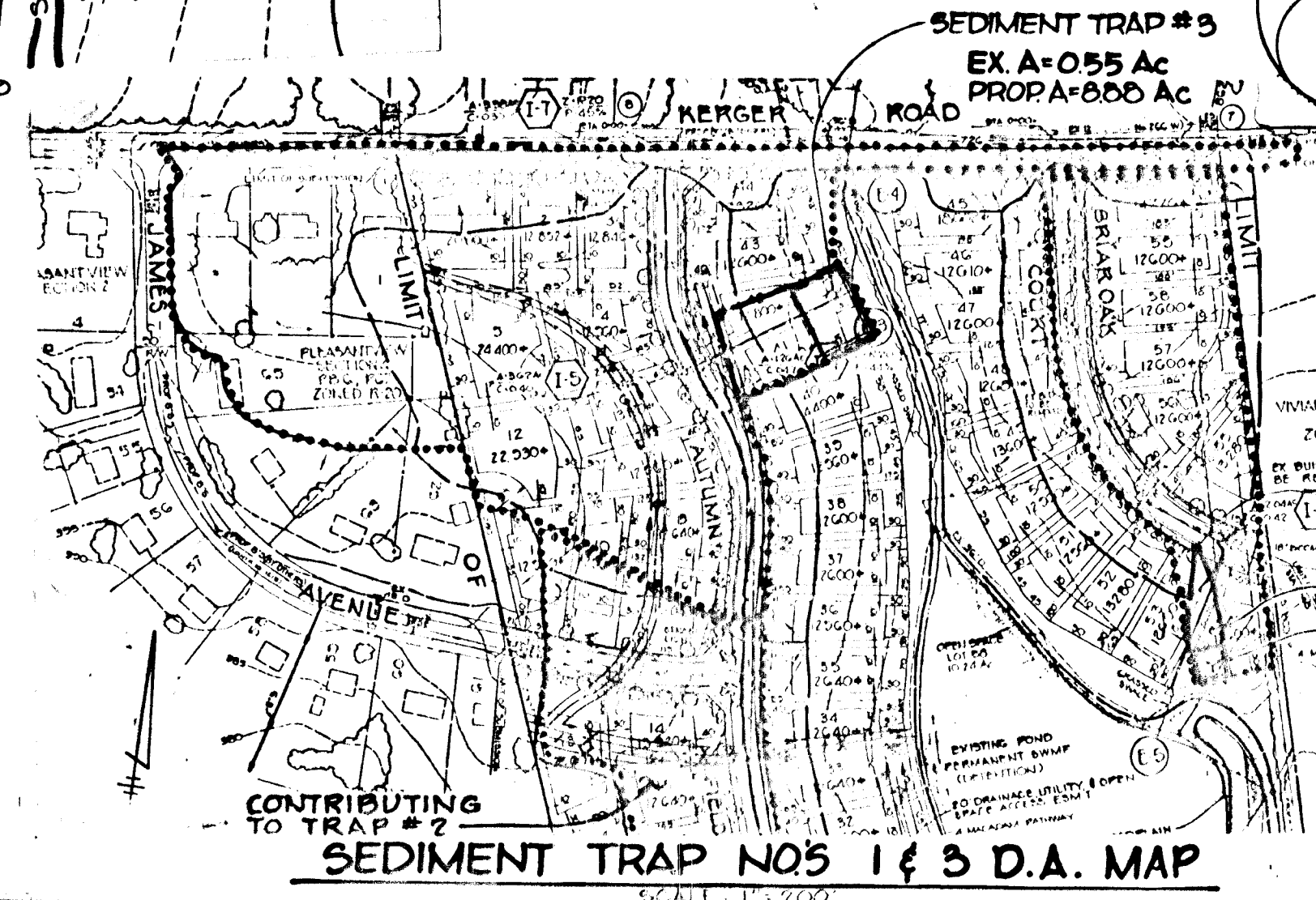
APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING

David S. Knight, CIVIL ENGINEER 7/21/89

REVISION: 1/10/92 ADDED SWALE LOT 1

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Professional Engineer Seal: James K. Tracy, No. 10433, State of Maryland



LEGEND

— EXISTING DRAINAGE AREA LINE

..... PROPOSED DRAINAGE AREA LINE

OWNER: ELLANOR NICOLAI, ET AL
110 FOX 417
ELICOTT CITY, MARYLAND 21043

DEVELOPER: SECURITY DEVELOPMENT CORP.
110 FOX 417
ELICOTT CITY, MARYLAND 21043

DESIGN: DPN JUK/JLT

PROJECT: S-88-58, P-88-80, F-89-98

STRAWBERRY FIELDS

LOCATION: 110 FOX 417, ELICOTT CITY, MARYLAND 21043

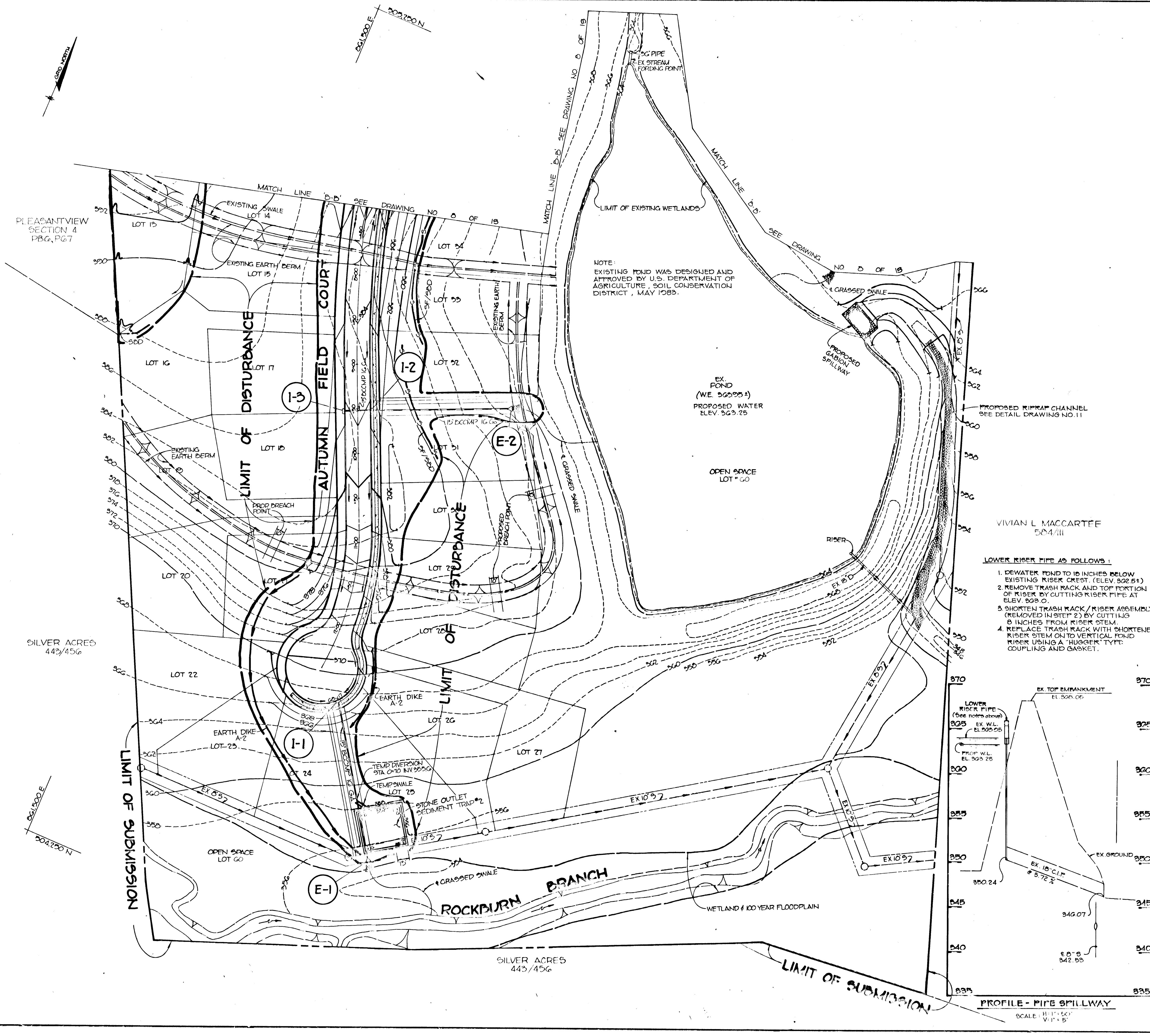
DATE: DEC 1, 1988 / 7-10-89

SCALE: 1" = 50'

DRAWING: 8 OF 13

F-89-98

1469



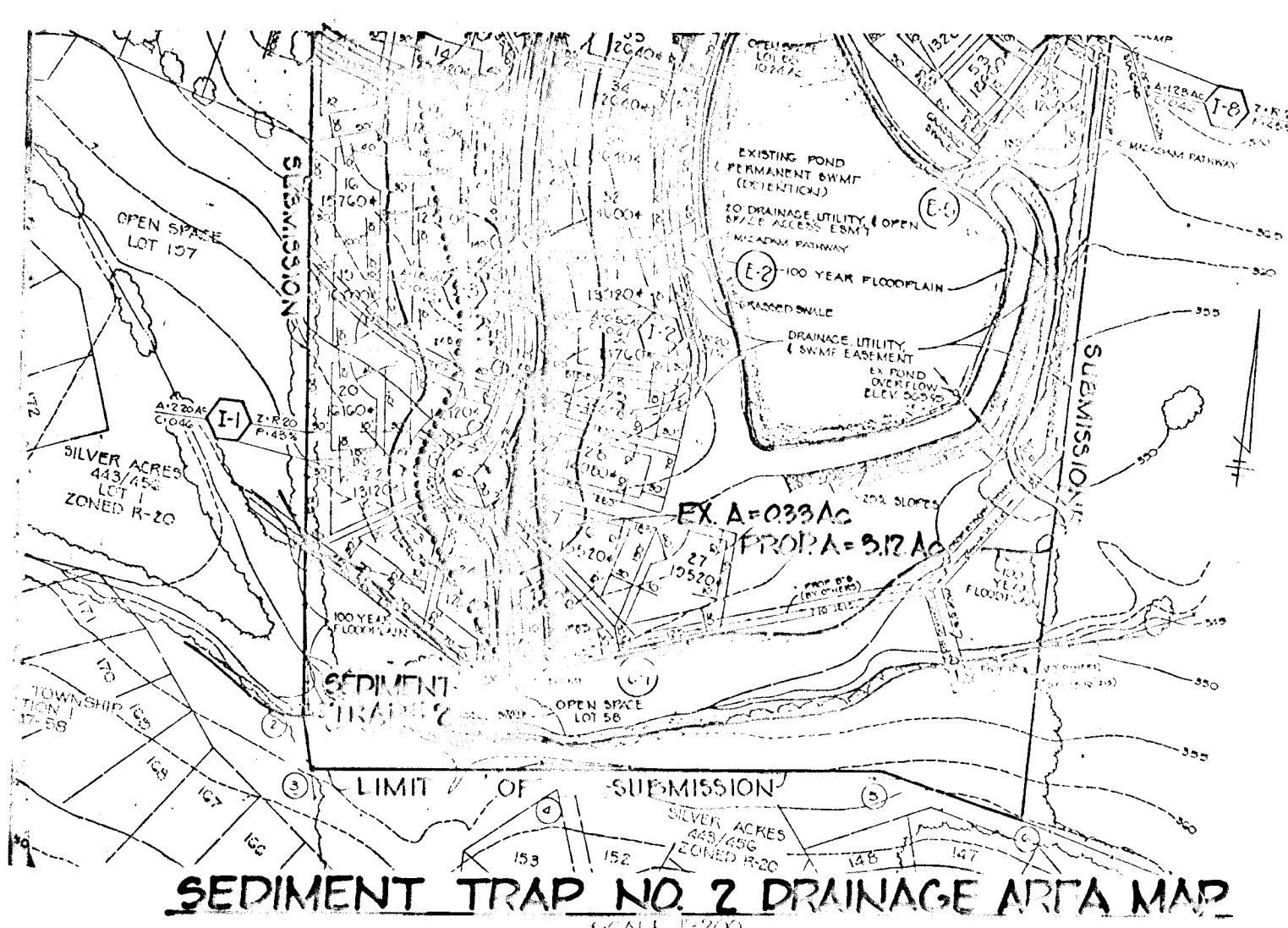
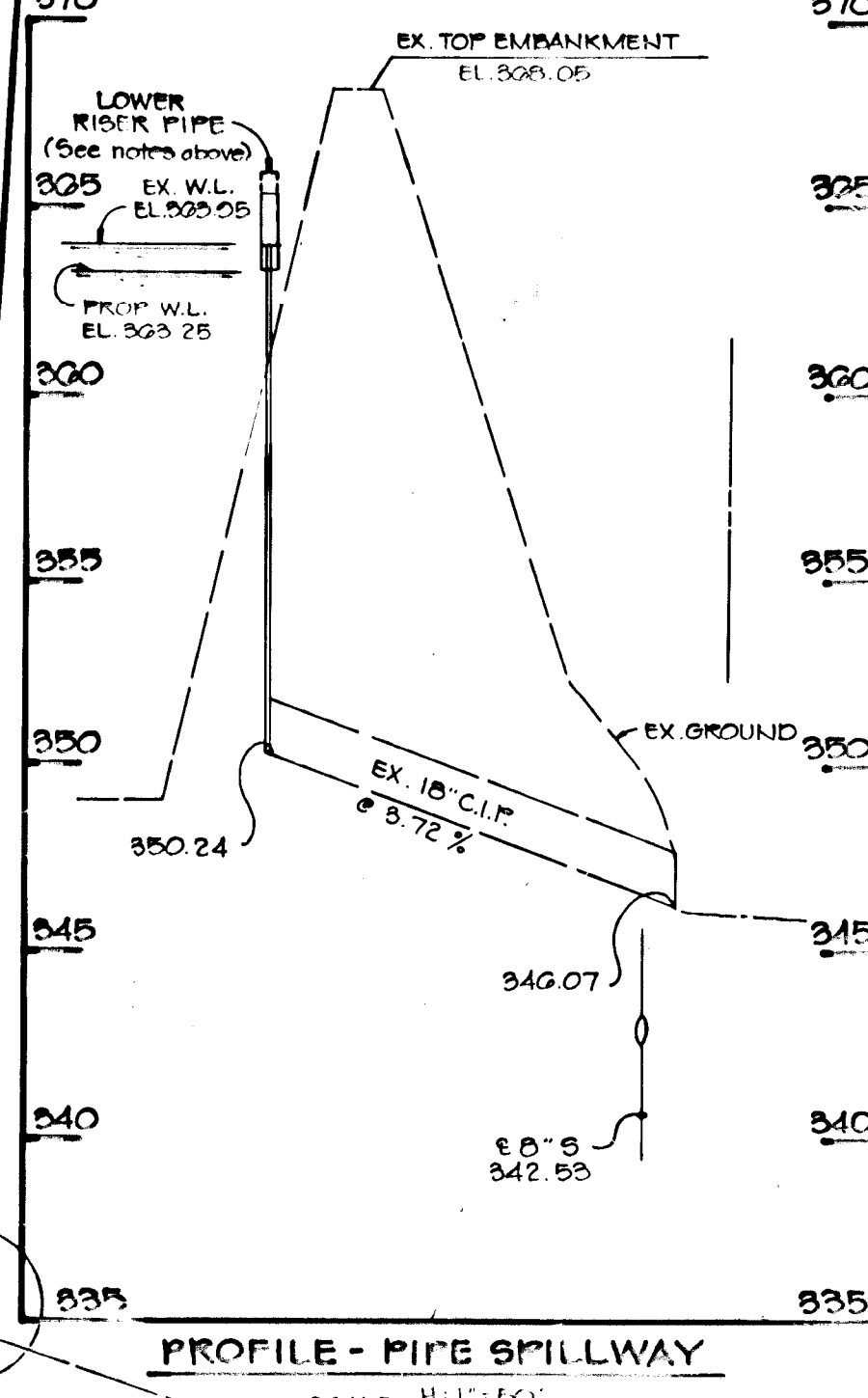
PLEASANTVIEW SECTION 4 PBG, PG 7

SILVER ACRES 443/456

1469

NOTE:
EXISTING POND WAS DESIGNED AND APPROVED BY U.S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION DISTRICT, MAY 1989.

- LOWER RISER PIPE AS FOLLOWS:
1. DEWATER POND TO 10 INCHES BELOW EXISTING RISER CREST. (ELEV. 302.51)
 2. REMOVE TRASH RACK AND TOP PORTION OF RISER BY CUTTING RISER PIPE AT ELEV. 303.0.
 3. SHORTEN TRASH RACK / RISER ASSEMBLY (REMOVED IN STEP 2) BY CUTTING 8 INCHES FROM RISER STEM.
 4. REPLACE TRASH RACK WITH SHORTENED RISER STEM ONTO VERTICAL POND RISER USING A "HUGGER" TYPE COUPLING AND GASKET.



BY THE DEVELOPER:
"I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS-BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."

DEVELOPER: James R. Moxley Jr. 7-19-89
PRESIDENT, SECURITY DEVELOPMENT CORP.

BY THE ENGINEER:
"I CERTIFY THAT THIS PLAN FOR POND CONSTRUCTION, EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT. I HAVE NOTIFIED THE DEVELOPER THAT HE MUST PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS-BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION."

ENGINEER: James K. Tracy 7-19-89
REGISTERED PROFESSIONAL ENGINEER # 9566

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL.

James K. Tracy 7/27/89
U.S. SOIL CONSERVATION SERVICE DATE

THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Robert W. Viehan 7/27/89
HOWARD S.C.D. DATE

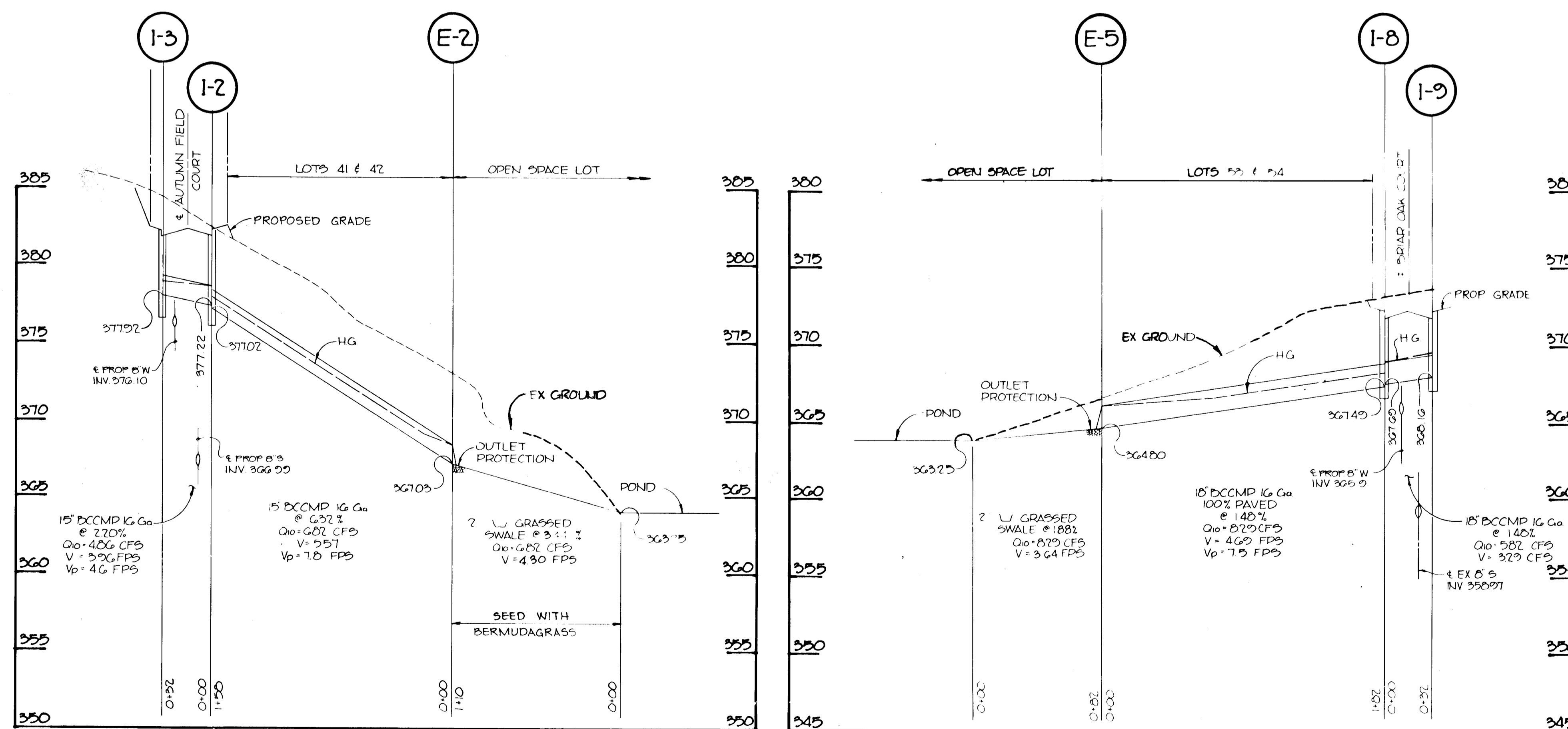
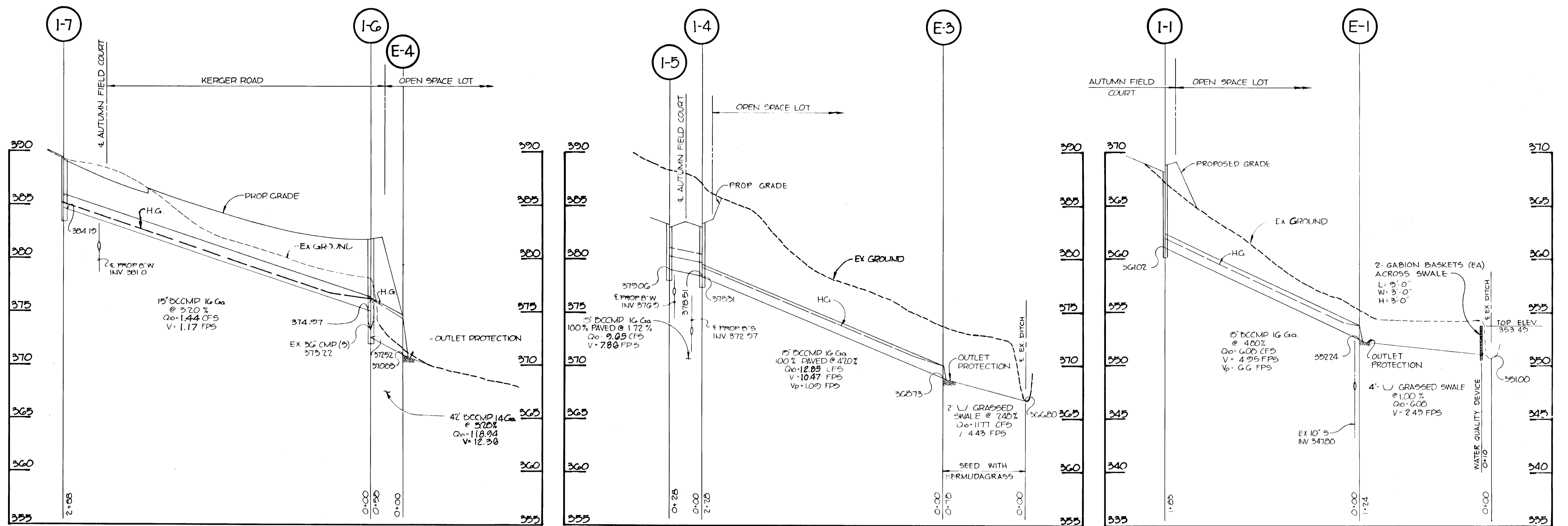
APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Charles H. ... 8/3/89
CHIEF, BUREAU OF HIGHWAYS
William E. ... 8-21-89
CHIEF, BUREAU OF ENGINEERS

APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING
Mark S. ... 7/26/89
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

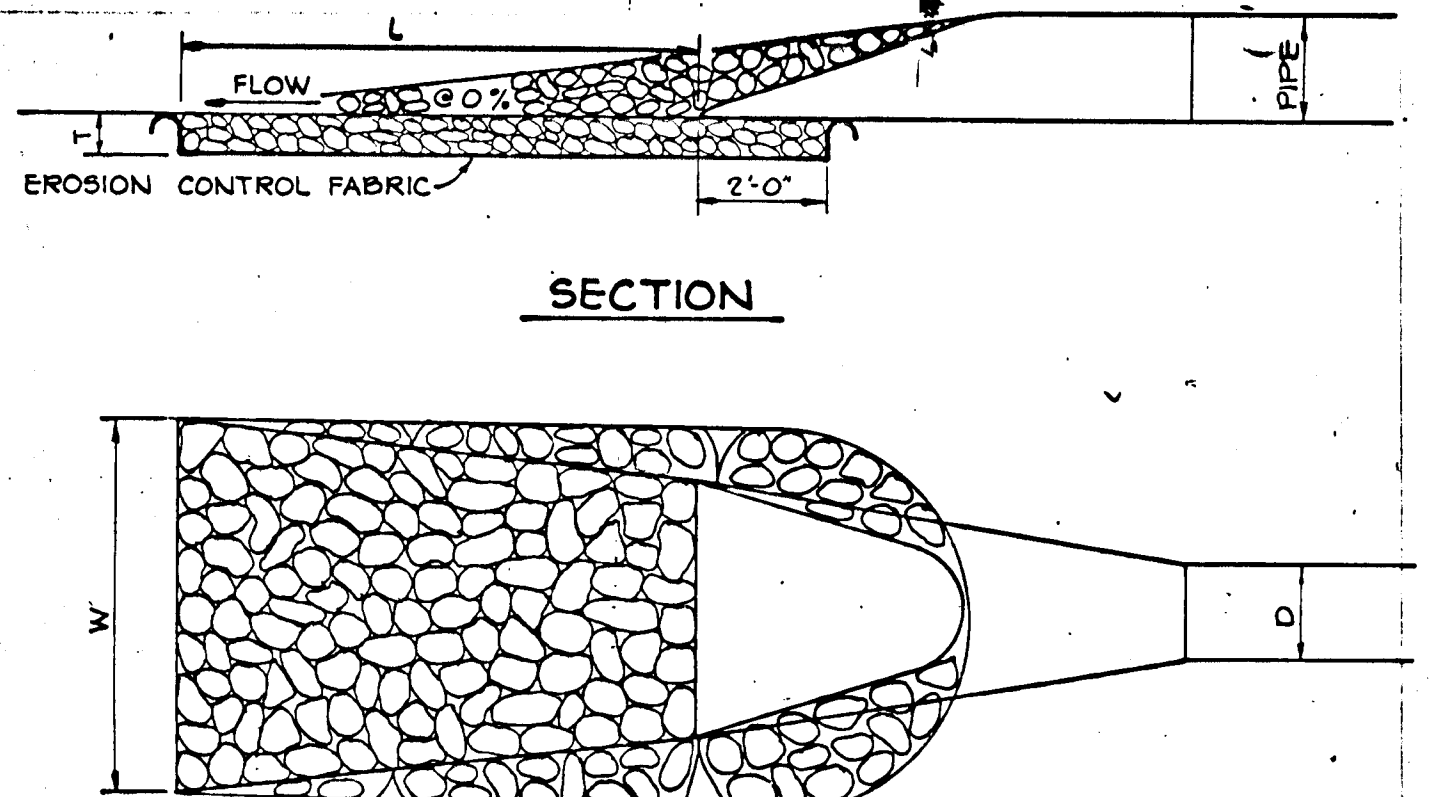
| NO. | DATE | REVISION |
|-----|------|----------|
| | | |

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| | |
|---|--|
| OWNER: ELEANOR NICOLAI, ET AL. PO BOX 417 ELLICOTT CITY, MARYLAND 21043 | PROJECT: S-80-58, P-88-80, F-89-98 STRAWBERRY FIELDS SECTION 4 PARCELS LOTS 1 THROUGH 60 |
| DEVELOPER: SECURITY DEVELOPMENT CORP. PO BOX 417 ELLICOTT CITY, MARYLAND 21043 | LOCATION: TAX MAP NO 51 PARCEL 225 HOWARD COUNTY, MARYLAND |
| TITLE: GRADING, SEDIMENT CONTROL PLAN | DATE: DEC. 1, 1988 7-19-89 |
| DESIGNED BY: RJW | DRAWN BY: JLR/JLT |
| SCALE: 1" = 20' | PROJECT NO: 0045 DRAWING NO: 9 OF 18 F-89-98 |



APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Charles H. ... 0/3/09
 CHIEF, BUREAU OF HIGHWAYS
 APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING
Frank ... 2/2/09
 CHIEF, DIVISION OF COMMON PLANNING AND LAND DEVELOPMENT
 1/10/92 REVISE DATA I-5 TO E-3 AND I-7 TO E-4
 NO. DATE REVISION
TRACY, SCHULTE & ASSOCIATES INC.
 planning • architecture • engineering
 8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (301) 465 6105
 OWNER: ELEANOR NIKOLAI, ET AL
 PO BOX 417
 ELLICOTT CITY, MARYLAND 21043
 PROJECT: S-20-50, P-20-80, F-20-90
STRAWBERRY FIELDS
 SECTION 1 AREA 1 LOTS 1 THRU 60
 LOCATION: TAX MAP NO 31 PARCEL 223
 1ST ELECTION DISTRICT
 HOWARD COUNTY MARYLAND
 DEVELOPER: SECURITY DEVELOPMENT CORP
 PO BOX 417
 ELLICOTT CITY, MARYLAND 21043
 TITLE: STORM DRAIN PROFILES
 DATE: DEC. 1, 1988
 7-15-89
 PROJECT NO: 0045
 DES: RJW DRN: JLT SCALE: 1" = 1'-0" DRAWING: 10 OF 12

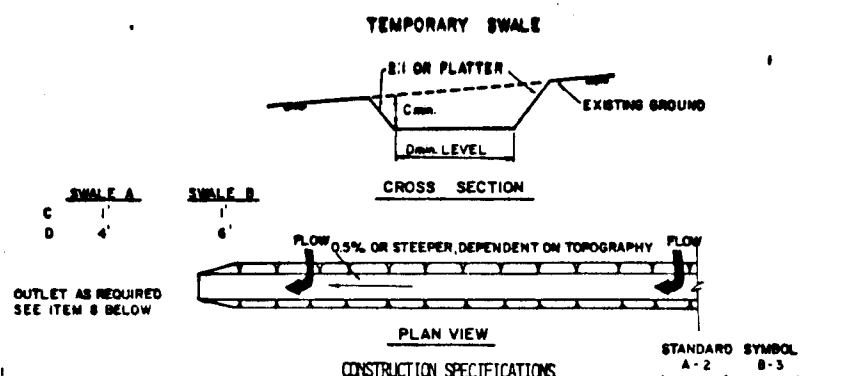


PLAN

| STRUCTURE | d - 50 | LENGTH (L) | WIDTH (W) | THICKNESS (T) |
|-----------|--------|------------|-----------|---------------|
| E-1 | 4" | 90 | 10.5 | 6" |
| E-2 | 4" | 95 | 11 | 6" |
| E-3 | 6" | 120 | 13.5 | 9" |
| E-4 | 1.1' | 34.0 | 37.5 | 1.25' |
| E-5 | 4" | 105 | 12.0 | 6" |

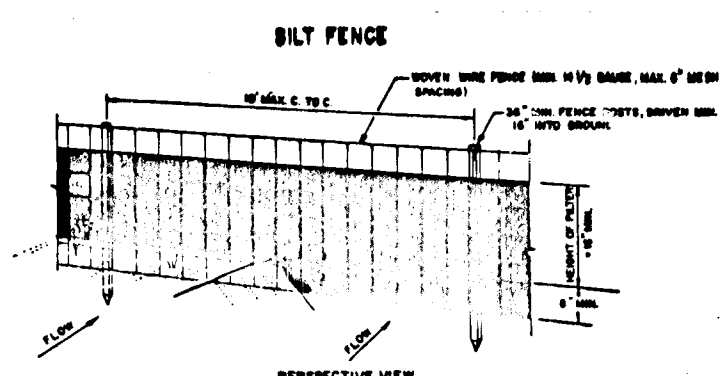
NOTE: STORM WATER MANAGEMENT IS NOT REQUIRED FOR THIS PROJECT.
SEQUENCE OF CONSTRUCTION

- DAY 1 1. OBTAIN A GRADING PERMIT.
- DAY 2-3 2. CLEAR AND GRUB AREAS FOR AND INSTALL STABILIZED CONSTRUCTION ENTRANCE (SCE).
- DAY 3-15 3. CLEAR AND GRUB AREAS FOR AND INSTALL SEDIMENT TRAPS AND STABILIZE DISTURBED AREAS IN ACCORDANCE WITH TEMPORARY SEEDING NOTES.
- DAY 15-18 4. CLEAR AND GRUB AREAS FOR AND INSTALL REMAINDER OF SEDIMENT CONTROL DEVICES. WHEN SEDIMENT TRAPS ARE FUNCTIONAL AND ALL SEDIMENT CONTROL DEVICES ARE IN PLACE BREACH EXISTING EARTH BERMS WITHIN LIMITS OF DISTURBANCE LINES AND AT ADDITIONAL POINTS WHERE SHOWN ON PLANS.
- DAY 18-19 5. LOWER POND TO ELEVATION 362.5 AND ADJUST RISER ELEVATION AS SHOWN ON THESE PLANS. WATER LEVEL IN POND TO BE LOWERED BY PUMPING DURING THIS OPERATION.
- DAY 19-22 6. CLEAR AND GRUB REMAINDER OF SITE.
- DAY 22-40 7. GRADE SITE.
- DAY 40-90 8. INSTALL UTILITIES I.E. WATER, SEWER, STORM DRAINS ETC. NOTE THAT THE STORM DRAINS BETWEEN A) E-1 AND I-1 AT STA 0+70 B) E-3 AND I-4 AT STA 0+90 AND C) E-5 AND I-8 AT STA 0+60 SHOULD BE TEMPORARILY DIVERTED INTO THE APPROPRIATE SEDIMENT TRAPS. THIS TEMPORARY DIVERSION IS TO REMAIN IN PLACE UNTIL ALL AREAS DRAINING INTO THE APPROPRIATE SEDIMENT TRAPS ARE STABILIZED.
- DAY 90-92 9. STABILIZE ALL SLOPES IN ACCORDANCE WITH PERMANENT SEEDING NOTES.
- DAY 92-120 10. COMPLETE ALL ROADWAY CONSTRUCTION AND STABILIZE ALL DISTURBED AREAS IN ACCORDANCE WITH PERMANENT SEEDING NOTES.
- DAY 120-128 11. UPON APPROVAL OF SEDIMENT CONTROL (INSPECTOR, REMOVE ALL SEDIMENT CONTROL DEVICES AND REMOVE STORM DRAIN DIVERSIONS AND STABILIZE ALL DISTURBED AREAS AS PER PERMANENT SEEDING NOTES.



- TEMPORARY SWALE**
NO SCALE
- ALL TEMPORARY SWALES SHALL HAVE UNDISTURBED POSITIVE GRADE TO AN OUTLET.
 - DIVERTED RUNOFF FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE.
 - DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL OUTLET DIRECTLY INTO AN UNDISTURBED STABILIZED AREA AT NON-TROPIC VELOCITY.
 - ALL TRUCKS, BUSES, TRUCKS, MOTORCYCLES AND OTHER UNDESIRABLE MATERIAL SHALL BE REMOVED AND DISPOSED OF AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE SWALE.
 - THE SWALE SHALL BE EXCAVATED OR SHOWN TO LINE, GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED HEREIN AND BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL SPEED EROSION.
 - FILLS SHALL BE COMPACTED BY EARTH MOVING EQUIPMENT.
 - ALL EARTH REMOVED AND NOT NEEDED FOR CONSTRUCTION SHALL BE PLACED SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE SWALE.
 - STABILIZATION SHALL BE AS PER THE CHART BELOW:

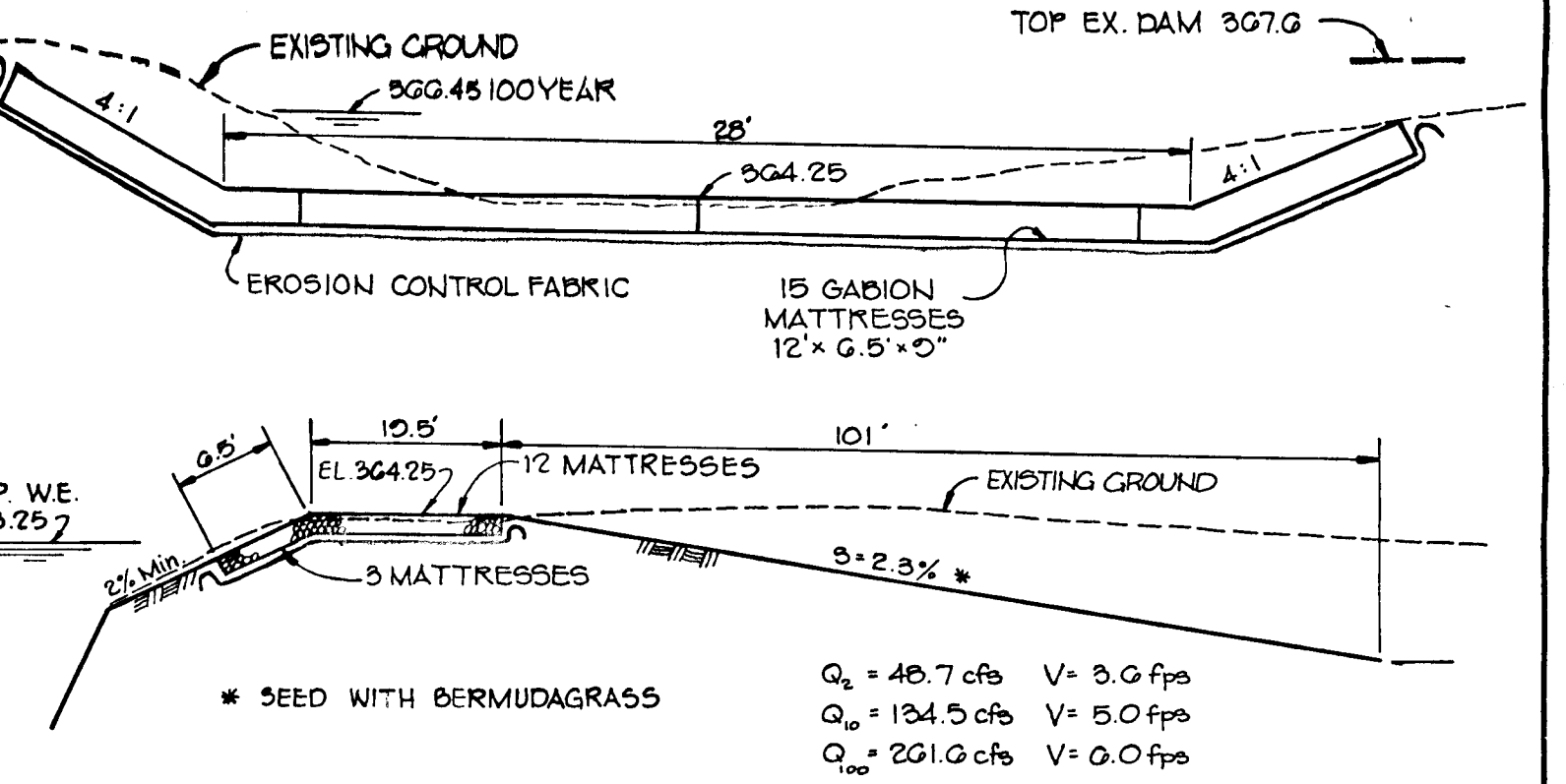
TEMPORARY SWALE
NO SCALE



- SILT FENCE**
NO SCALE
- WHEN THE FENCE IS TO BE FASTENED SECURELY TO FACE POSTS WITH WIRE TIES OR STAPLES.
 - FILTER CLOTH TO BE FASTENED SECURELY TO WOODEN FACE WITH WIRE STAPLES. STAPLES TO BE PLACED AT TOP AND NOT BOTTOM.
 - WHEN THE SECTIONS OF FILTER CLOTH MEET EACH OTHER THEY SHALL OVERLAP BY SIX INCHES AND BE LAPPED BY SIX INCHES AND POLY.
 - MAINTENANCE SHALL BE PERFORMED AS SEEDS AND MATERIAL REMOVED WHEN NEEDED. DEVELOP IN THE SILT FENCE.

SILT FENCE
NO SCALE

- EROSION CONTROL NOTES**
- A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (992-2433).
 - ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THESE PLANS AND ARE TO BE IN CONFORMANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
 - FOLLOWING INITIAL SOIL DISTURBANCE OR RESTITUTION, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: A) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DICES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3% IN 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
 - ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND MARKING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
 - ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (Sec. 502) AND MULCHING (Sec. 503). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE USED WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
 - ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
 - SITE ANALYSIS:
TOTAL AREA OF SITE: 22.50 ACRES
AREA DISTURBED: 2.40 ACRES
AREA TO BE VEGETATIVELY STABILIZED: 2.40 ACRES
TOTAL OUT: 4.80 CU. YDS.
TOTAL FILL: 4.80 CU. YDS.
OFFSITE WASTE/BORROW AREA LOCATION: ON SITE.
 - ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
 - ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
 - ALL SEDIMENT TRAPS SHOWN MUST BE FENCED AND MARKING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.



GABION SPILLWAY
NO SCALE

BY THE DEVELOPER:
"I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS-BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."
James R. Moxley Jr.
DEVELOPER: JAMES R. MOXLEY JR.
PRESIDENT - SECURITY DEVELOPMENT CORP.
7-19-89
DATE

BY THE ENGINEER:
"I CERTIFY THAT THIS PLAN FOR POND CONSTRUCTION, EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT. I HAVE NOTIFIED THE DEVELOPER THAT HE MUST PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS-BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION."
James K. Tracy
ENGINEER: JAMES K. TRACY P.E. # 5566
7-19-89
DATE

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL.
James M. Hahn
U.S. SOIL CONSERVATION SERVICE
7/27/89
DATE

THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
Robert W. Richman
APPROVED: HOWARD S.C.D.
7/28/89
DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Charles R. Bandy
CHIEF, BUREAU OF HIGHWAYS
8/18/89
DATE

William S. Ryan
CHIEF, BUREAU OF ENGINEERING
8-23-89
DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING
Mark V. Campbell
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT
7/28/89
DATE

TRACY, SCHULTE & ASSOCIATES INC.
planning • architecture • engineering
8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (301) 465-6105

OWNER: ELEANOR NICOLAI, ET AL.
PO BOX 417
ELLCOTT CITY, MARYLAND 21043

DEVELOPER: SECURITY DEVELOPMENT CORP.
PO BOX 417
ELLCOTT CITY, MARYLAND 21043

PROJECT: S-88-58, P-88-80, F-89-90
STRAWBERRY FIELDS
SECTION I, AREA I
LOTS 1 THRU 60

LOCATION: TAX MAP NO 51 PARCEL 225
ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE: SEDIMENT CONTROL NOTES AND DETAILS

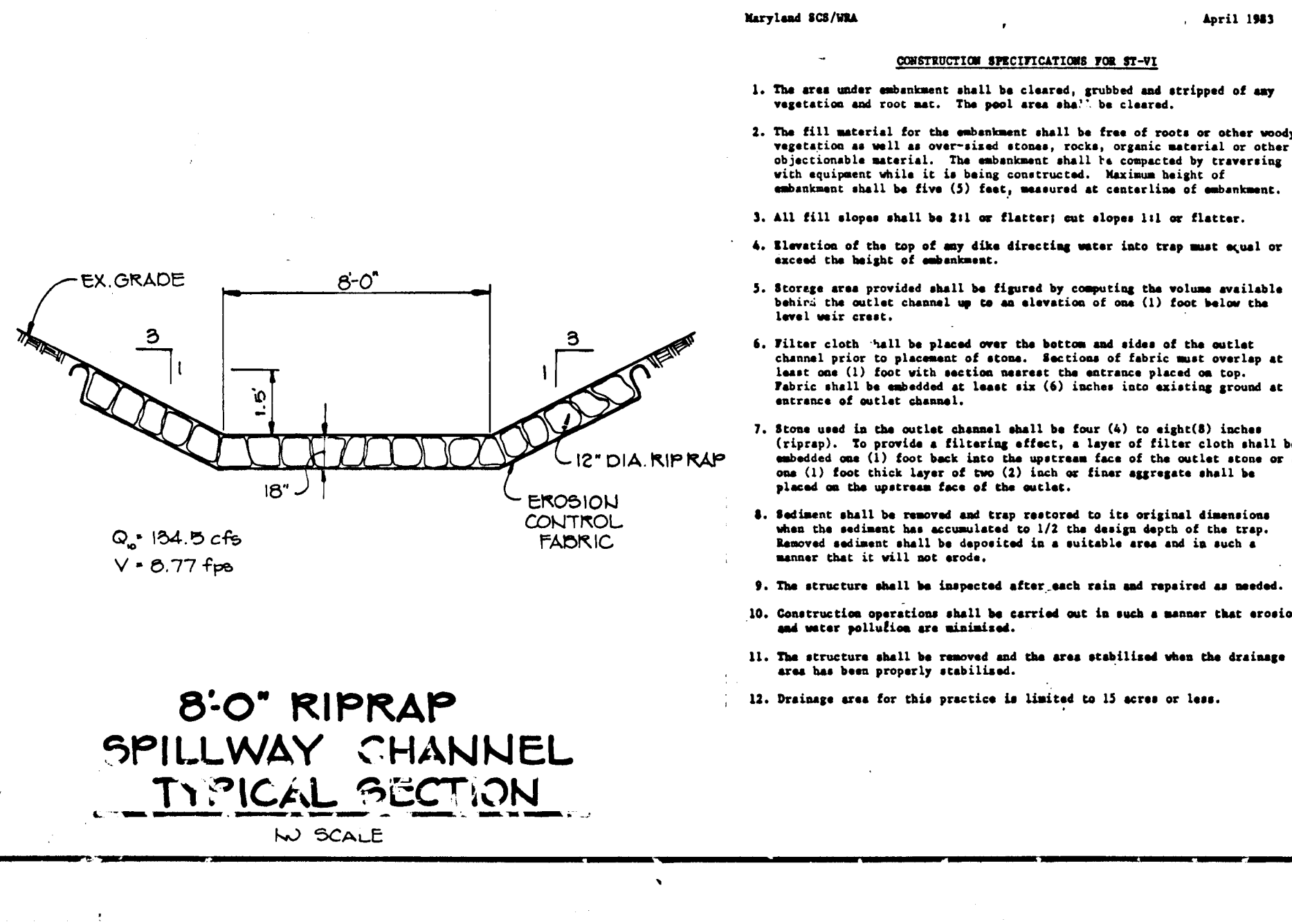
DATE: DEC 1, 1988
7-19-89

PROJECT NO: 0045

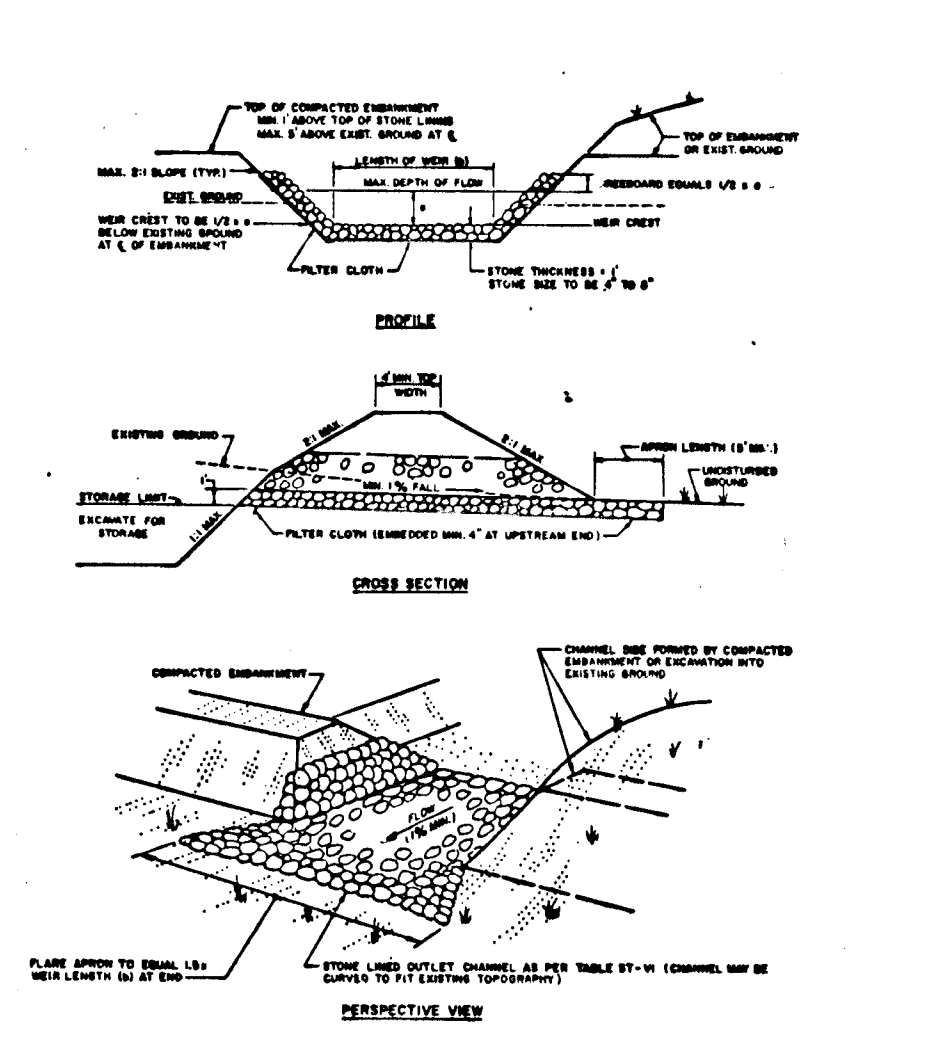
SCALE: AS SHOWN

DRAWING: 11 OF 13

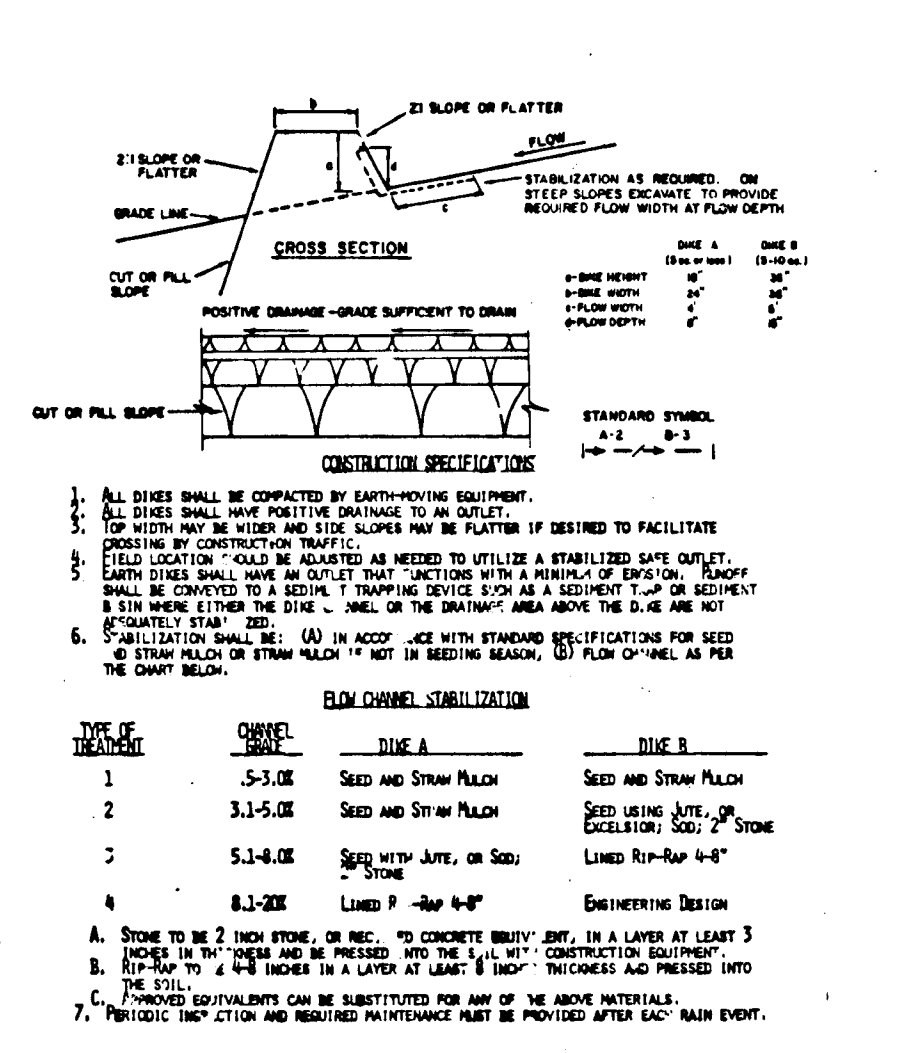
DES: RJW DRN: JLT



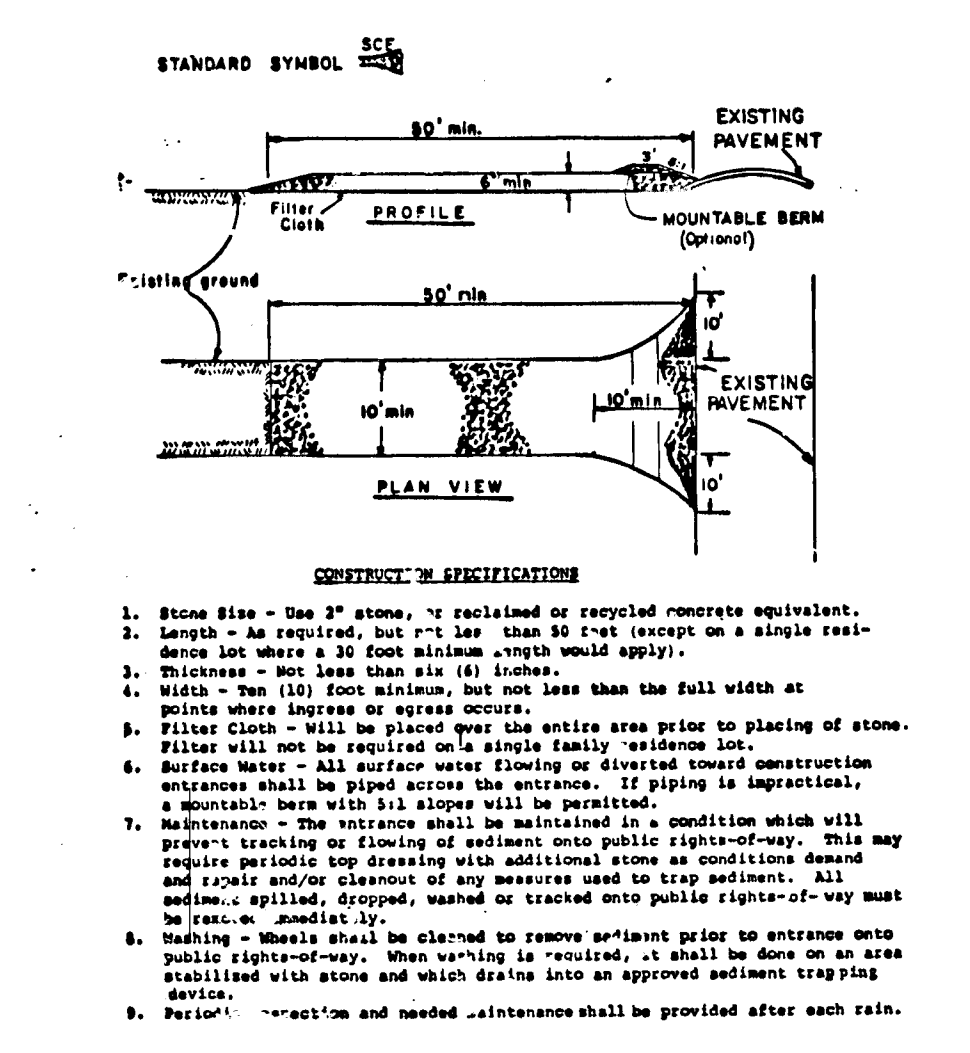
8'0" RIPRAP SPILLWAY CHANNEL TYPICAL SECTION
NO SCALE



STONE OUTLET SEDIMENT TRAP
NO SCALE

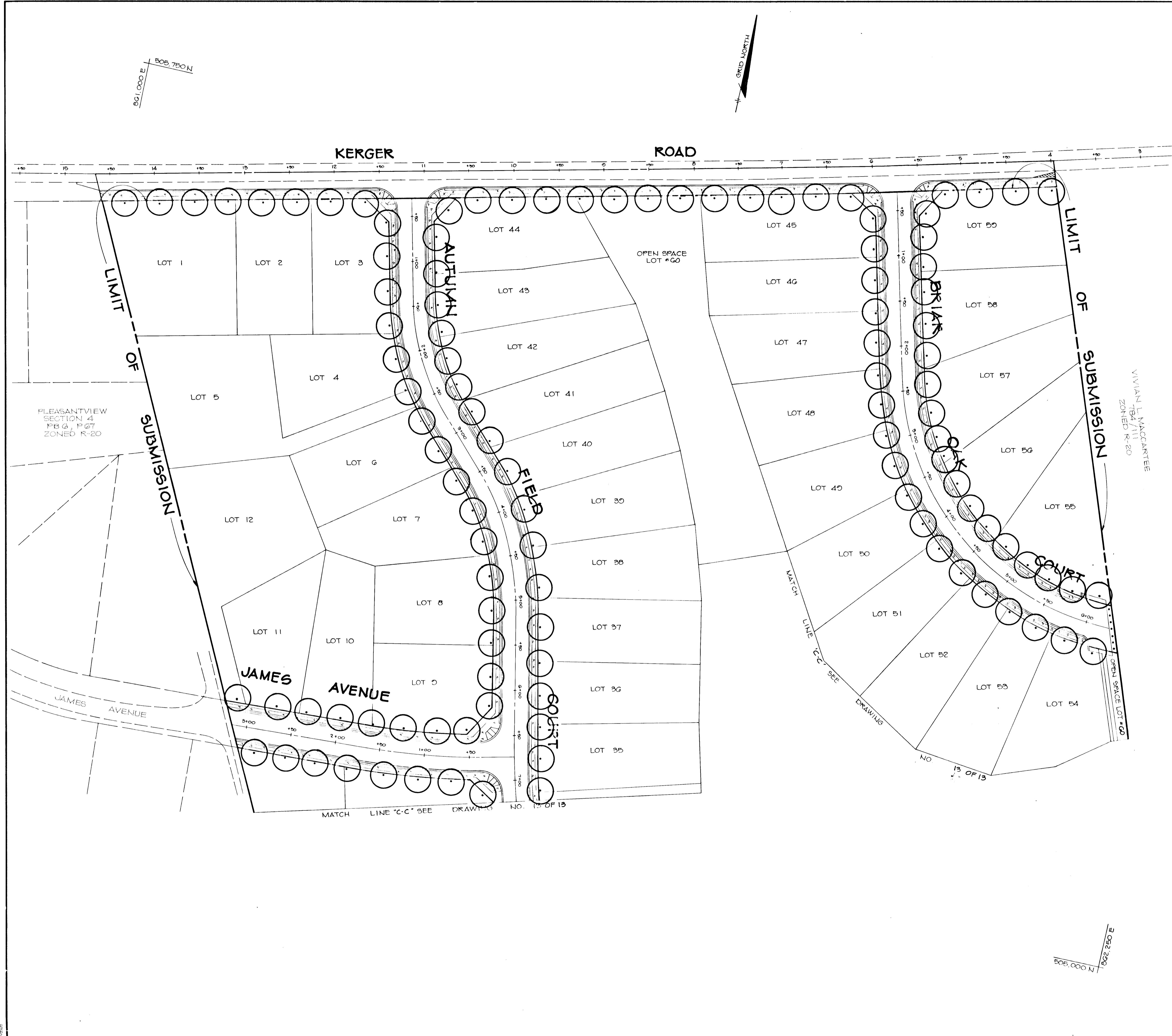


STRAW BALE DIKE
NO SCALE



STABILIZED CONSTRUCTION ENTRANCE
NO SCALE

1469



| | | |
|---|------------------|-------------------|
| APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS | | |
| <i>Donald G. Ryan</i> | 8/12/89 | |
| CHIEF, BUREAU OF PLANNING | DATE | |
| <i>Charles H. ...</i> | 8/10/89 | |
| CHIEF, BUREAU OF PLANNING | DATE | |
| <i>William E. ...</i> | 8-21-89 | |
| CHIEF, BUREAU OF PLANNING | DATE | |
| APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING | | |
| <i>Mark ...</i> | 8/10/89 | |
| CHIEF, DIVISION OF COMMUNITY DEVELOPMENT AND LAND DEVELOPMENT | DATE | |
| NO. | DATE | REVISION |
| <p>TRACY, SCHULTE & ASSOCIATES INC. planning • architecture • engineering 8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (301) 463-6105</p> | | |
| <p>OWNER: ELEANOR NICOLAI, ET AL. P.O. BOX 417 ELLICOTT CITY, MARYLAND 21043</p> | | |
| <p>PROJECT: S-20-88, P-20-20, F-89-98 STRAWBERRY FIELDS SECTION 1, AREA 1, LOTS 1 THROUGH 60</p> | | |
| <p>DEVELOPER: SECURITY DEVELOPMENT CORP. P.O. BOX 417 ELLICOTT CITY, MARYLAND 21043</p> | | |
| <p>LOCATION: TAX MAP NO. 31 PARCEL 223 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND</p> | | |
| <p>TITLE: STREET TREE PLAN</p> | | |
| DES: RJW | DRN: JLR/JLT | SCALE: 1" = 50' |
| DATE: DEC. 1, 1988 | PROJECT NO: 0045 | DRAWING: 12 OF 13 |

469

PLEASANTVIEW SECTION 4 PB6, P67

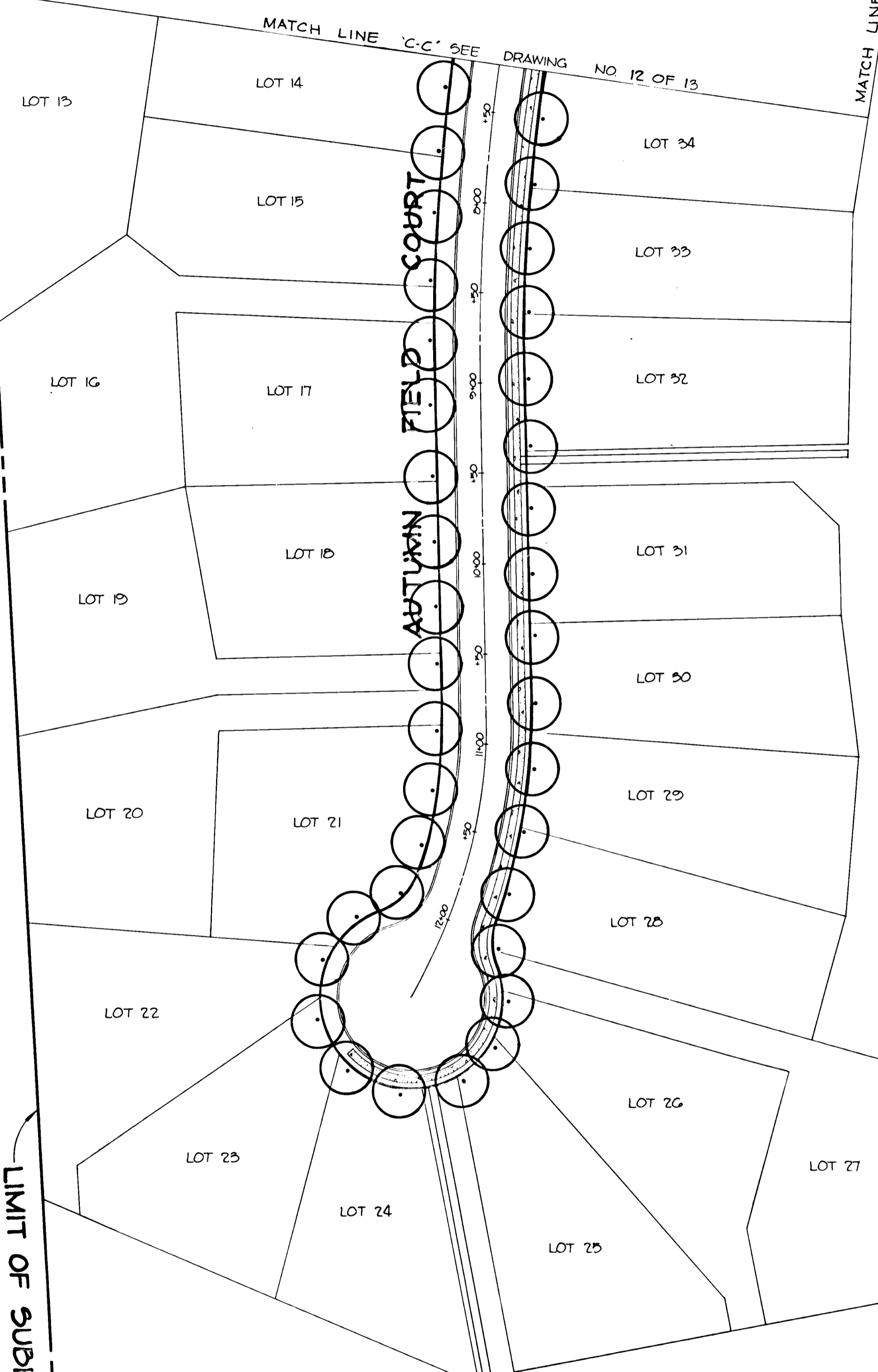
SILVER ACRES 443/456

SILVER ACRES 443/456

LIMIT OF SUBMISSION

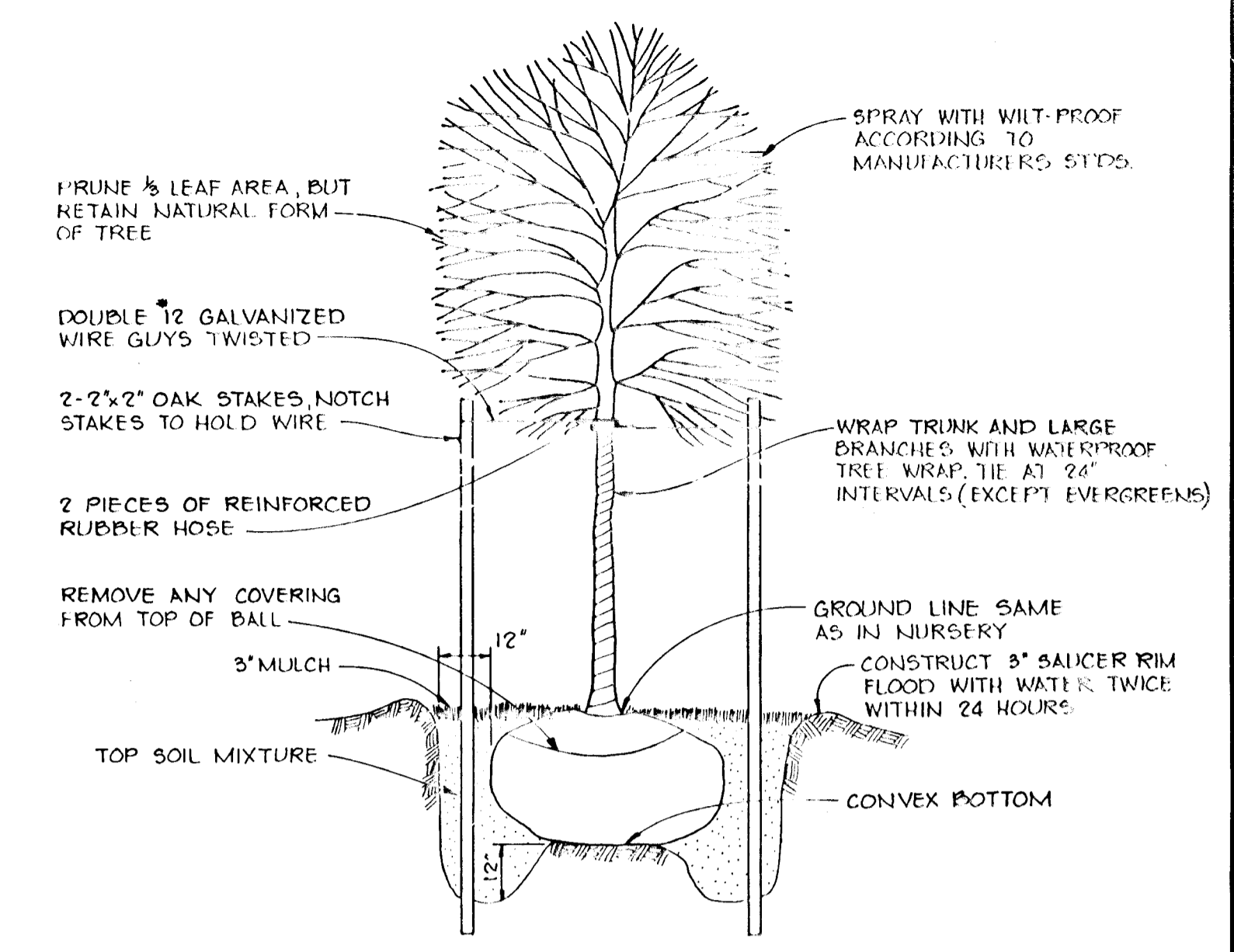
LIMIT OF SUBMISSION

AUTUMN FIELD COURT



OPEN SPACE LOT 60

VIVIAN L. MACCARTEE 504/111



TREE PLANTING DETAIL
NO SCALE

| PLANT LIST | | | |
|------------|----------|---|------------------------------|
| SYMBOL | QUANTITY | NAME | REMARKS |
| ● | 147 | ALL STREET TREES VARIETIES TO BE ACER PLURIM- RED MAPLE | 2 1/2 Min Cal 5' H Full Head |

| | | |
|--------------------------|----------------------------------|--------|
| 1023.41 | LENGTH OF EXISTING HERGER RD +40 | 26.50 |
| 264.46 | LENGTH OF AUTUMN FIELD RD +40 | 6.60 |
| LENGTH OF PROPOSED ROADS | | |
| 314.45 | JAMES AVENUE +20 | 15.72 |
| 624.75 | BRIAR OAK COURT +20 | 31.24 |
| 1185.08 | AUTUMN FIELD COURT +20 | 59.27 |
| TOTAL REQUIRED | | 139.32 |
| TOTAL PROVIDED | | 147 |

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Charles Landry Octaj 8/18/89
 CHIEF, BUREAU OF HIGHWAYS
James E. Kelly 8-21-89
 CHIEF, BUREAU OF ENGINEERING

APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING
Frank S. Campbell 7/2/89
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

| NO | DATE | REVISION |
|----|------|----------|
| | | |

TRACY, SCHULTE & ASSOCIATES INC.
 planning • architecture • engineering
 8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (301) 465-6105

OWNER: ELEANOR NICOLAI, ET AL
 PO BOX 417
 ELLICOTT CITY, MARYLAND 21043

PROJECT: 0-00-50, P-00-00, F-09-90
STRAWBERRY FIELDS
 SECTION 1 PAR A 1 LOTS 1 THRU 60

LOCATION: TAX MAP NO 51 PARCEL 225
 PRELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

DEVELOPER: SECURITY DEVELOPMENT CORP
 PO BOX 417
 ELLICOTT CITY, MARYLAND 21043

TITLE: **STREET TREE PLAN**

DATE: DEC 1 1988
 7-10-88 PROJECT NO 0045

DES: RJW DRN: JLR/JLT SCALE: 1"=50' DRAWING 13 OF 13

1469