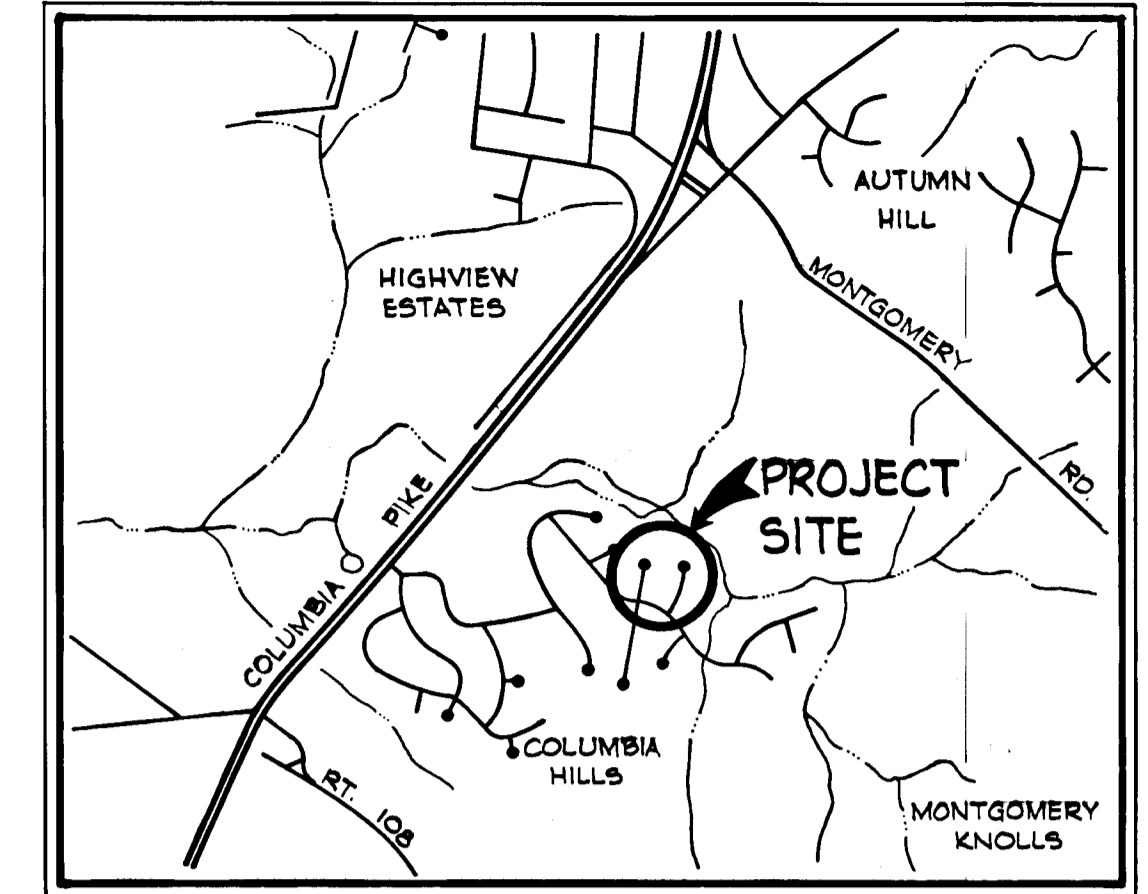


| SHEET INDEX | |
|-------------|--|
| NO. | DESCRIPTION |
| 1 | TITLE SHEET |
| 2 | PLAN AND PROFILE - STALLION COURT |
| 3 | PLAN AND PROFILE - PALOMINO COURT |
| 4 | DRAINAGE AREA MAP, STORM DRAIN PROFILES AND CONSTRUCTION DETAILS |
| 5 | SEDIMENT CONTROL PLAN, NOTES AND DETAILS |



VICINITY MAP
Scale: 1" = 2,000'

MEADOWBROOK

SECTION - 2

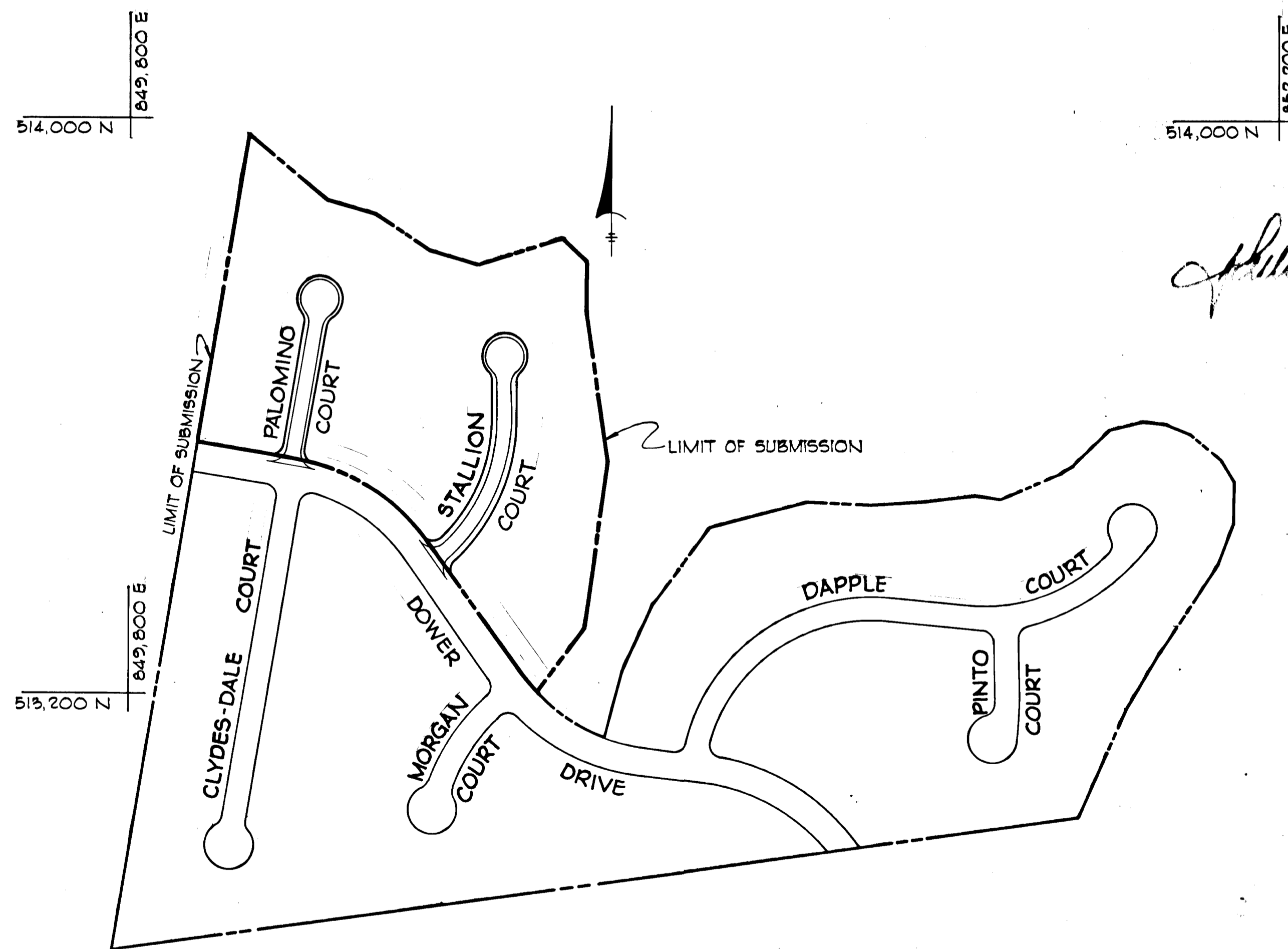
2ND ELECTION DISTRICT OF

HOWARD COUNTY, MARYLAND

GENERAL NOTES

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
- 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 (2) WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS.
- CONTRACTOR TO NOTIFY THE FOLLOWING UTILITIES AT LEAST THREE DAYS BEFORE STARTING WORK SHOWN ON THIS/ THESE DRAWINGS:

| | |
|------------------------------------|-------------------|
| BELL TELEPHONE SYSTEM | 393-3649 |
| LONG DISTANCE CABLE DIVISION | 393-3553 or 3554 |
| BALTIMORE GAS AND ELECTRIC COMPANY | 539-8000 Ext. 691 |
- ALL INLETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HOWARD COUNTY STANDARDS.
- ALL STREET CURB RETURNS SHALL HAVE 35.0' 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 1971 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 ASSOC. OF STATE HIGHWAY OFFICIAL STANDARDS: STALLION AND PALOMINO COURTS: 25 M.P.H.
- ALL ELEVATIONS SHOWN ARE BASED ON U.S.C. & G.S. MEAN SEA LEVEL DATUM 1929.



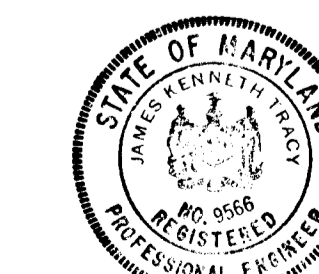
PLAN
Scale: 1" = 200'

HOWARD CO. MONUMENTS
2942002 EL. 578.503
3042002 EL. 597.273

- - CONC. MON. SET
- - IRON PIN SET

AS-BUILT 8-15-79
AS-BUILT SURVEY CERTIFIED BY
DONALD FINCH, MD. REG. LAND
SURVEYOR No. 0657

JAN. 25, 1978
Date



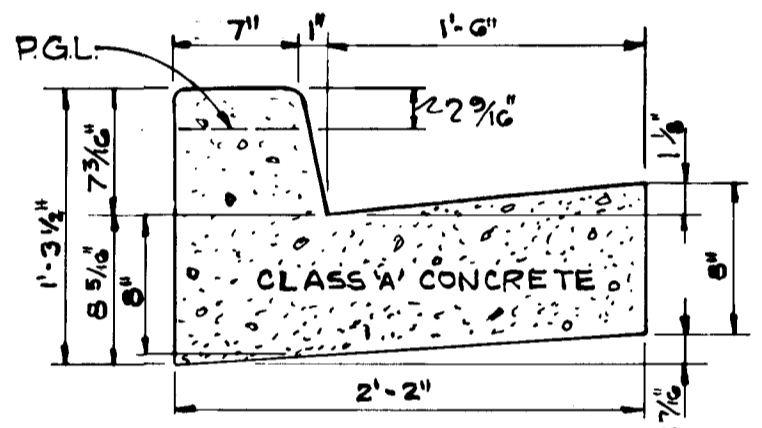
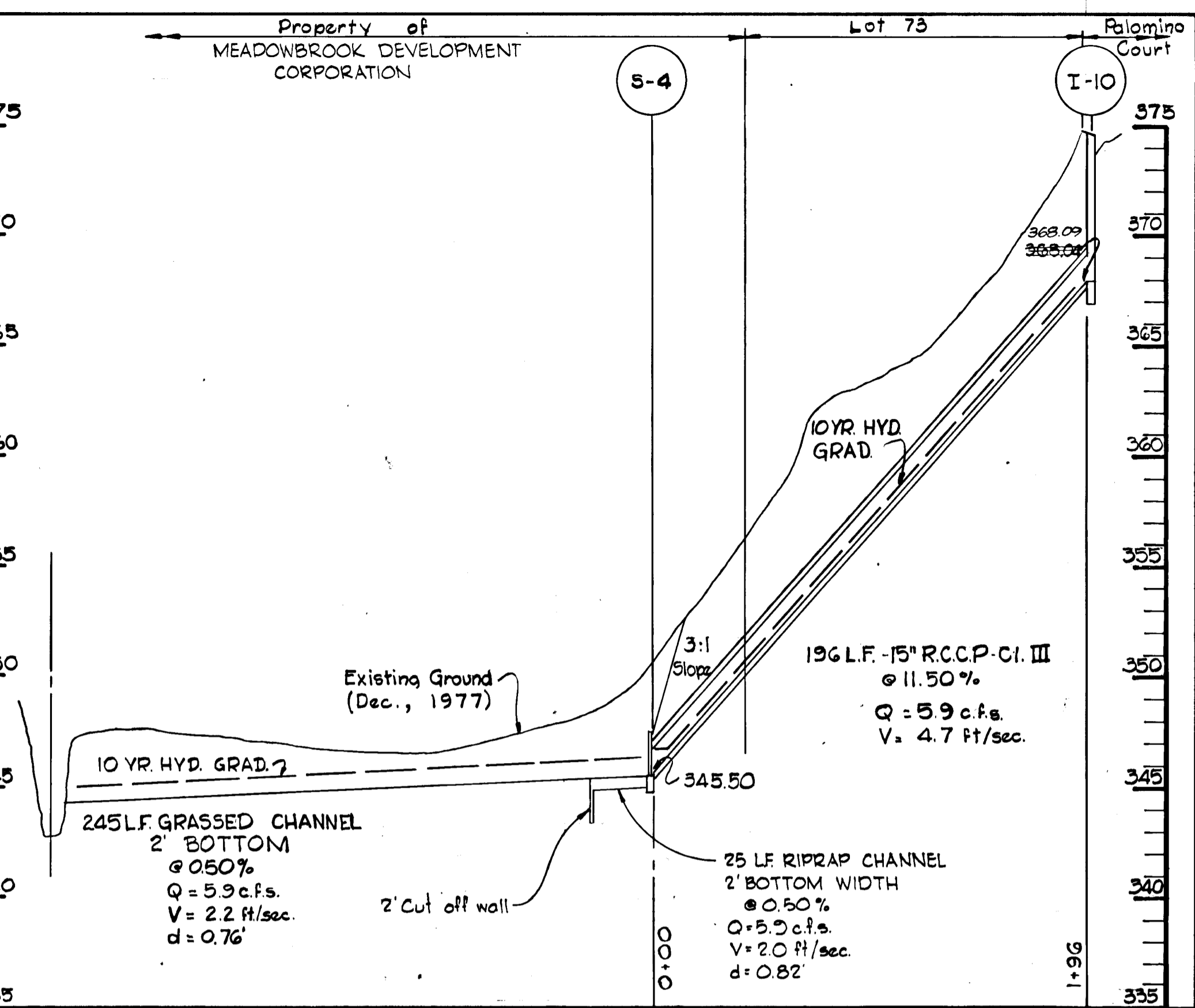
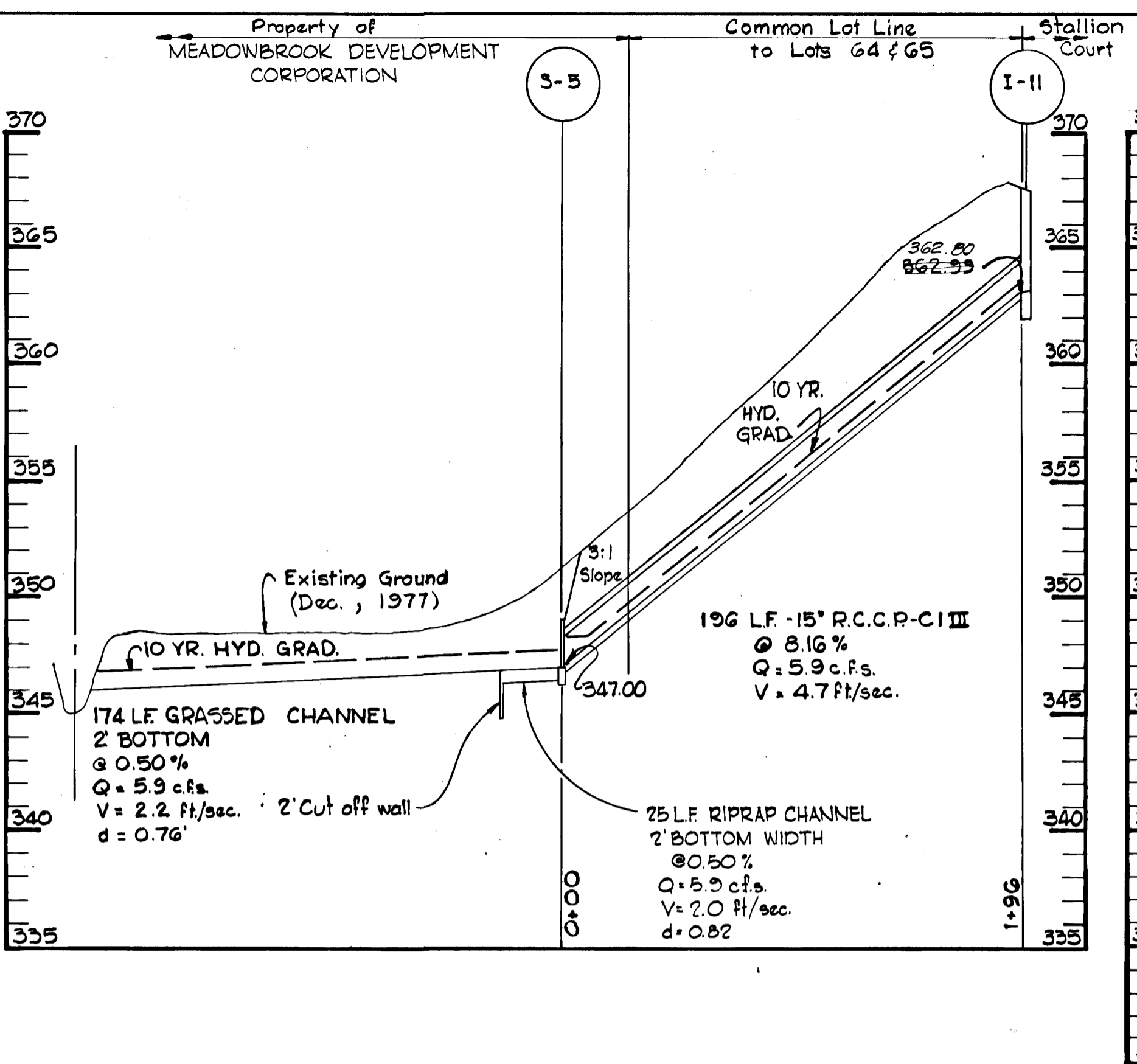
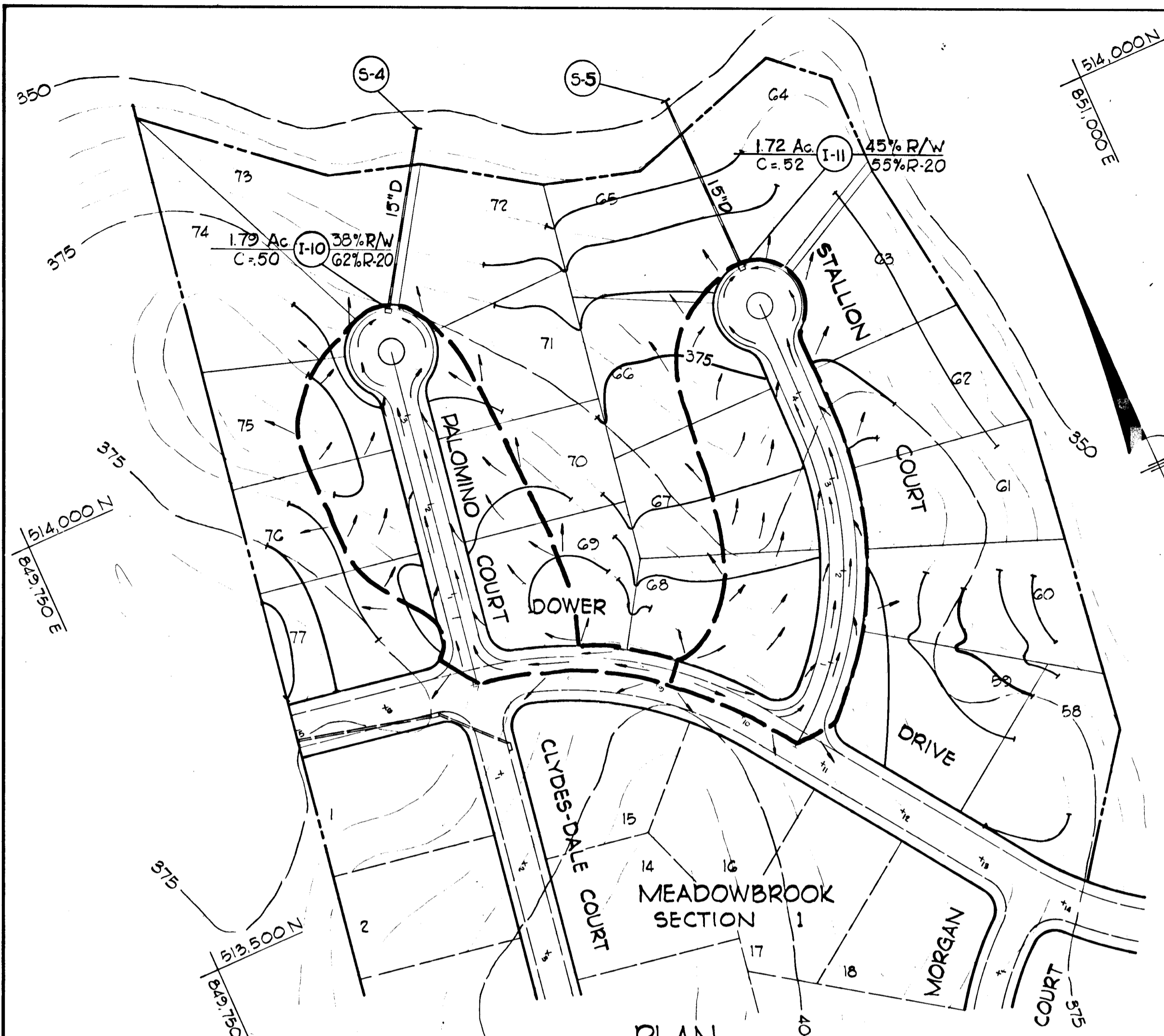
| | |
|-------------------------------------|---------|
| DEPARTMENT OF PUBLIC WORKS: | |
| <i>W. O. Gilbert</i> | 3-21-78 |
| CHIEF, BUREAU OF ENGINEERING | DATE |
| OFFICE OF PLANNING AND ZONING: | |
| <i>John M. ...</i> | 3-17-78 |
| CHIEF, DIVISION OF LAND DEVELOPMENT | DATE |

James K. Jaeger
Professional Engr. No. 19566

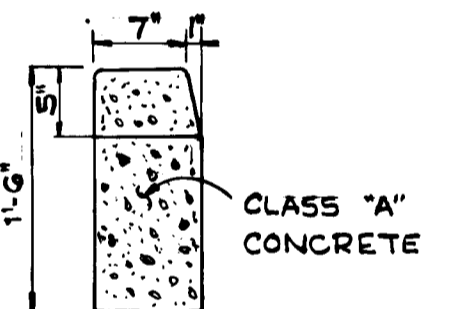
| Date | No. | Revision Description |
|--|----------------|----------------------|
| OWNER | | |
| MEADOWBROOK DEVELOPMENT CORPORATION 9301 Annapolis Road LANHAM, MARYLAND 20801 | | |
| DEVELOPER | | |
| MEADOWBROOK DEVELOPMENT CORPORATION 9301 Annapolis Road LANHAM, MARYLAND 20801 | | |
| CENTURY ENGINEERING, INC. | | |
| CONSULTING ENGINEERS - PLANNERS TOWSON, MARYLAND 21204 | | |
| AREA MEADOWBROOK - SECTION 2 | | |
| TITLE TITLE SHEET | | |
| Des By F.T. | Scale AS SHOWN | Proj No 0477 |
| Drn By R.J.W. | Date 3-7-78 | Drawing No. 1 OF 5 |
| Chk By A.W.R. | Approved | |

F 178-133

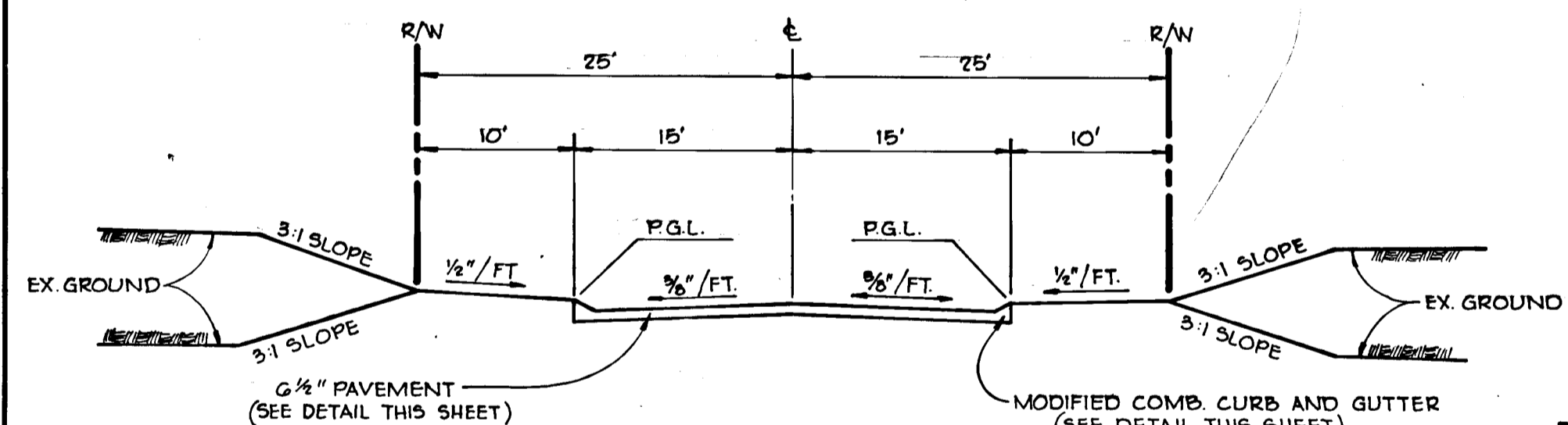
AS-BUILT AUG. 15, 1979



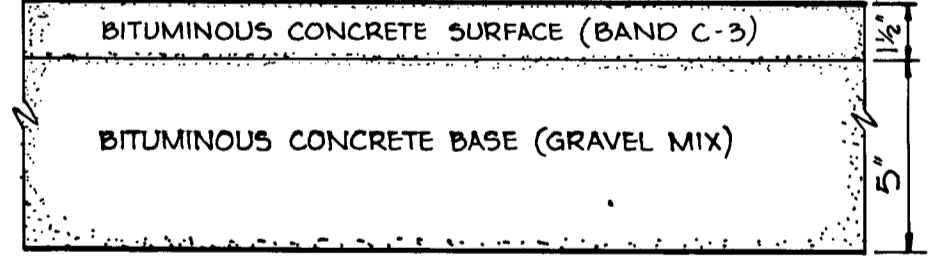
STANDARD 7" COMB. CURB AND GUTTER
NO SCALE



STANDARD BARRIER CURB
NO SCALE



50' R/W TYPICAL SECTION
Scale: 1"=10'



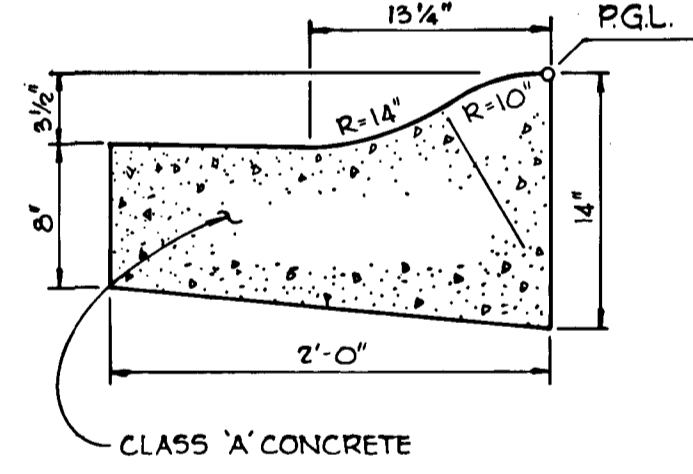
HOWARD COUNTY STANDARD (DRAWING D-5, PG. 60)

- CLEARING AND GRADING ARTICLE C-1
SUBGRADE ARTICLE C-2
BASE COURSE ARTICLE C-3
SURFACE COURSE ARTICLE C-3

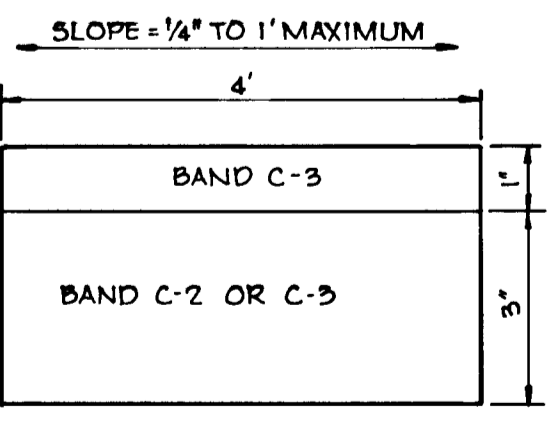
6 1/2" PAVEMENT

- NOTE:
1. A TACK COAT IS REQUIRED IN ACCORDANCE WITH SECTION C-31-4 OF THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND SPECIFICATIONS.
2. BASE WILL BE PRIMED IN ACCORDANCE WITH SECTION C-30-3 OF THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND SPECIFICATIONS.
3. TO BE CONSTRUCTED IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND SPECIFICATIONS.

TYPICAL PAVING SECTIONS
Scale: 1"=5'



MODIFIED COMB. CURB AND GUTTER
Scale: 1"=5'



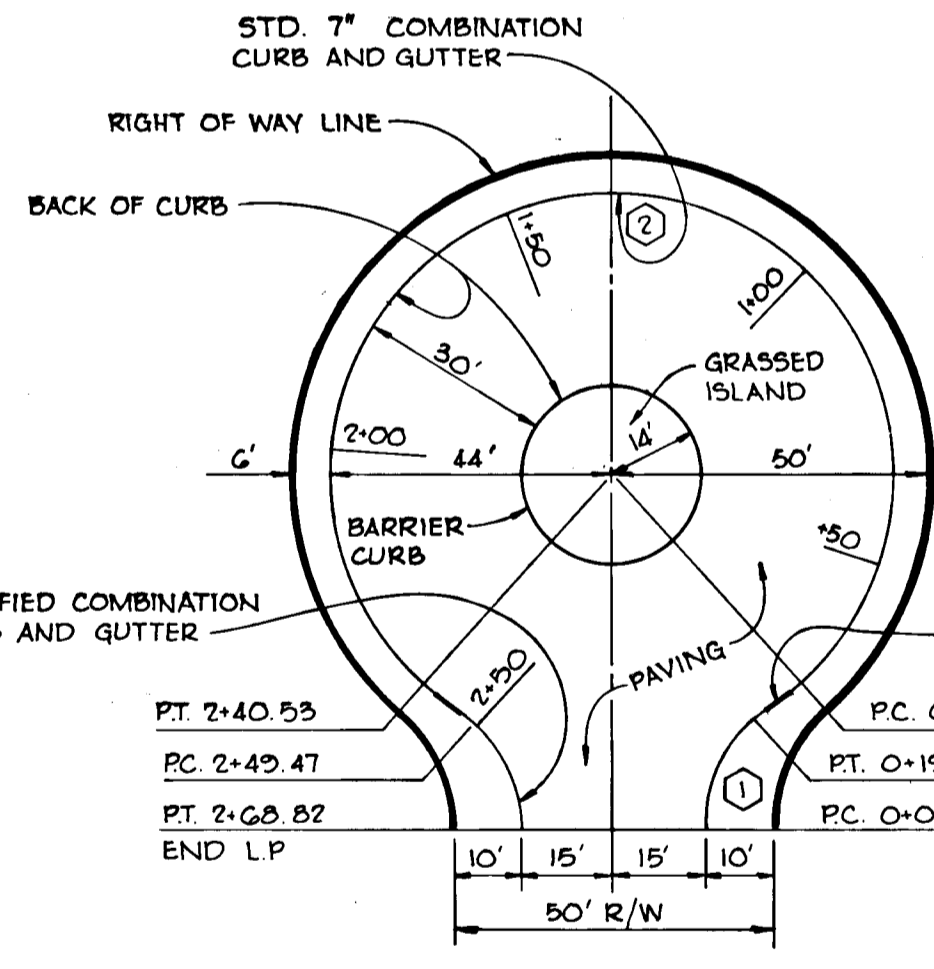
PATHWAY PAVING
No Scale

PROFILES

SCALE: Horiz. = 1"=40'
Vert. = 1"=4'

THESE PLANS FOR SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
APPROVED: *W. E. Hubert* 3-15-78
HOWARD S.C.D. DATE

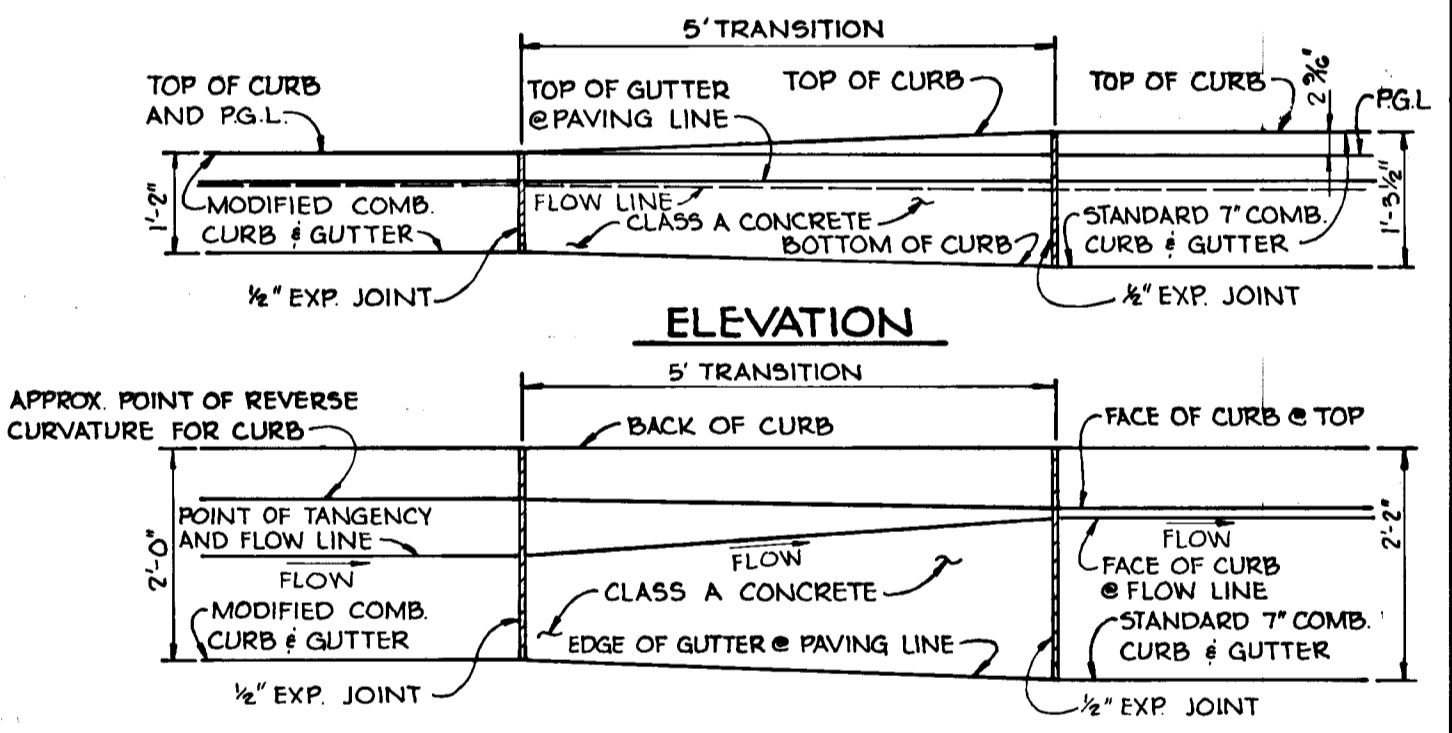
THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.
C. Wayne Ray 3-15-78
U.S. SOIL CONSERVATION SERVICE DATE



| CURB CURVE DATA | | | |
|-----------------|--------|---------|--------------|
| CURVE | RADIUS | LENGTH | TANGENT |
| 1 | 25.00' | 19.35' | 48' 11" 25" |
| 2 | 44.00' | 212.24' | 276' 22" 04" |

CUL-DE-SAC FOR A 50' R/W
Scale: 1"=30'

DEPARTMENT OF PUBLIC WORKS:
W. E. Hubert 3-21-78
CHIEF, BUREAU OF ENGINEERING DATE
OFFICE OF PLANNING AND ZONING:
W. E. Hubert 3-21-78
CHIEF, DIVISION OF LAND DEVELOPMENT DATE



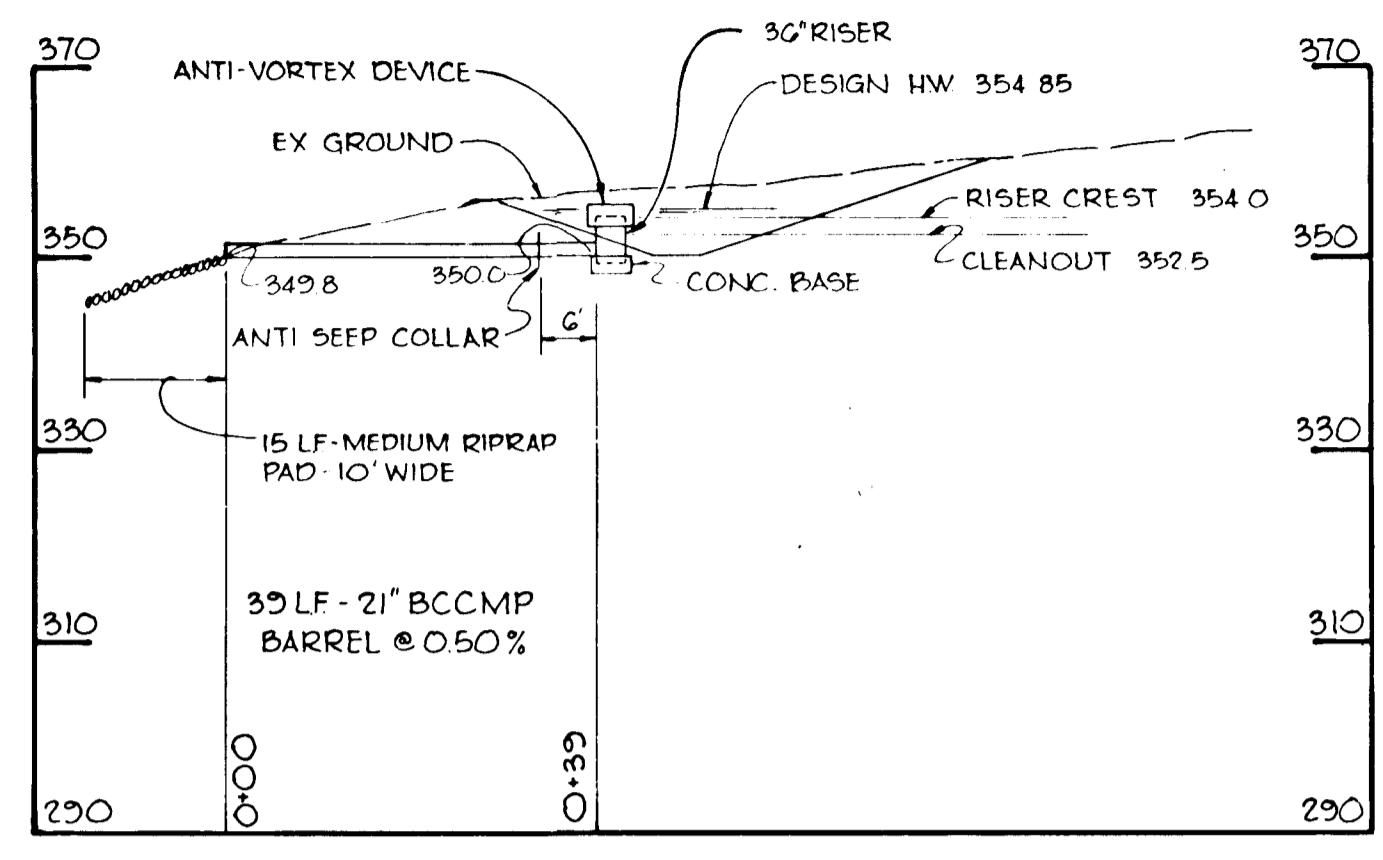
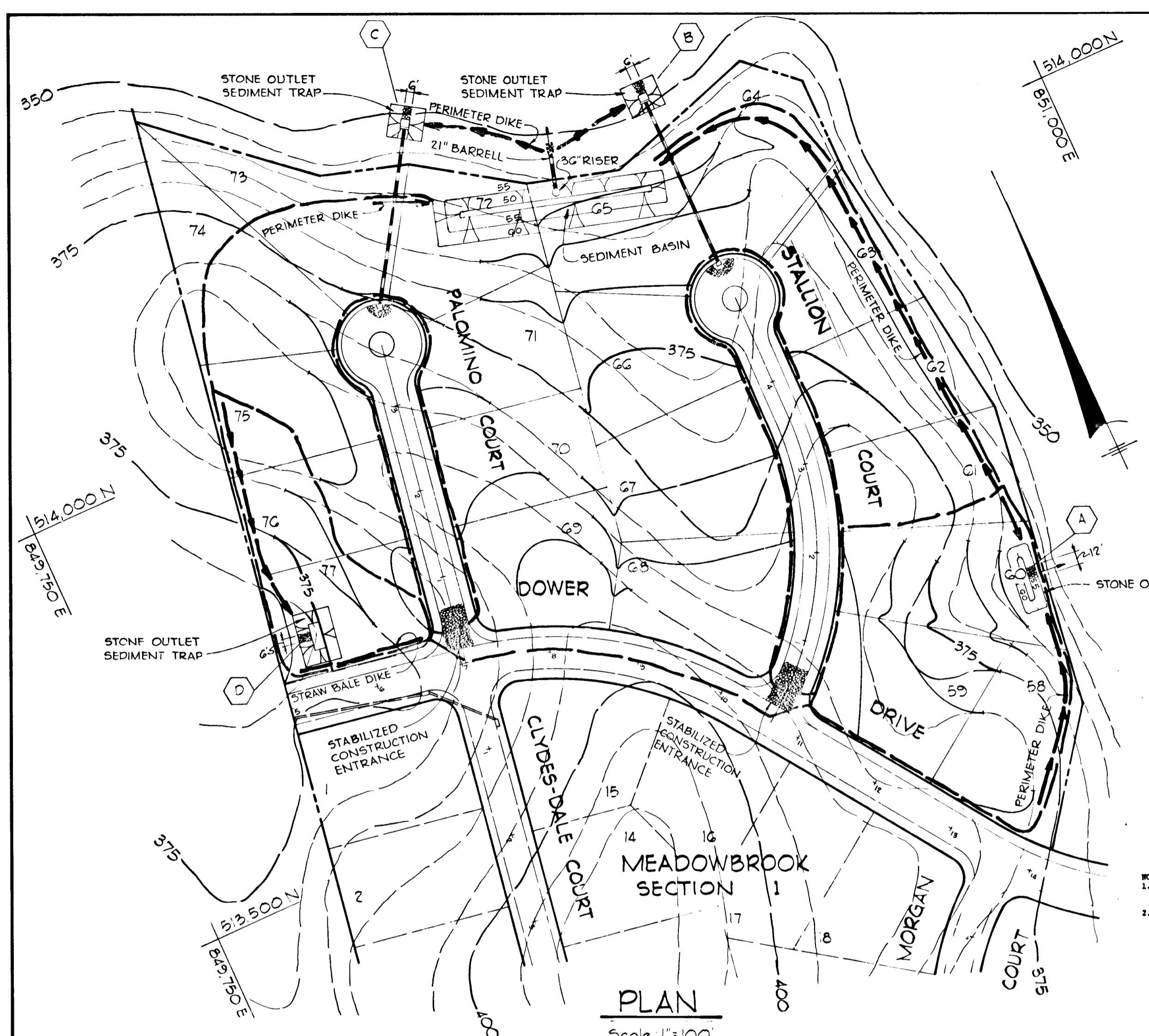
CURB TRANSITION DETAIL
No Scale

| Date | No. | Revision Description |
|------|-----|--|
| | | OWNER |
| | | MEADOWBROOK DEVELOPMENT CORPORATION 9301 Annapolis Road LANHAM, MARYLAND 20801 |
| | | DEVELOPER |
| | | MEADOWBROOK DEVELOPMENT CORPORATION 9301 Annapolis Road LANHAM, MARYLAND 20801 |

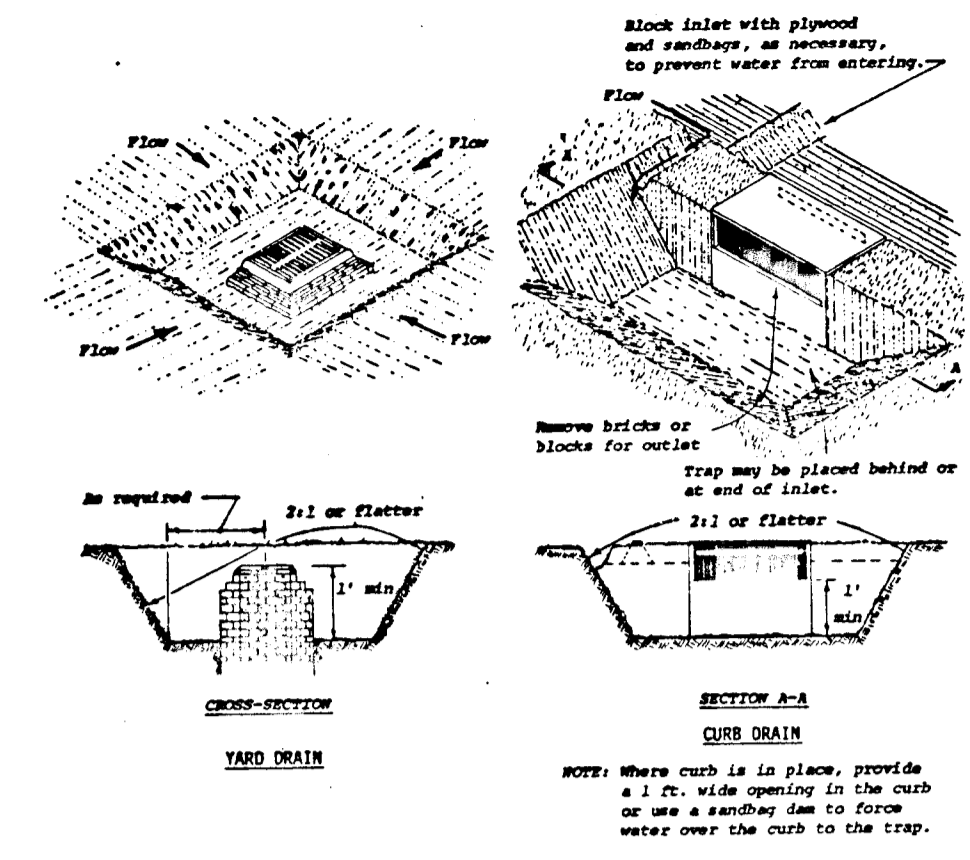
CENTURY ENGINEERING, INC.
CONSULTING ENGINEERS - PLANNERS
TOWSON, MARYLAND 21204

| | | |
|---------|---|----------------|
| AREA A | MEADOWBROOK - SECTION 2 | |
| TITLE | DRAINAGE AREA MAP, STORM DRAIN PROFILES AND ROAD CONSTRUCTION DETAILS | |
| Des By | F.T. | Scale AS SHOWN |
| Drn By | R.J.W. | Date 3-7-78 |
| Chk By | A.W.R. | Approved |
| Proj No | 0477 | Drawing No. |
| | | 4 OF 5 |

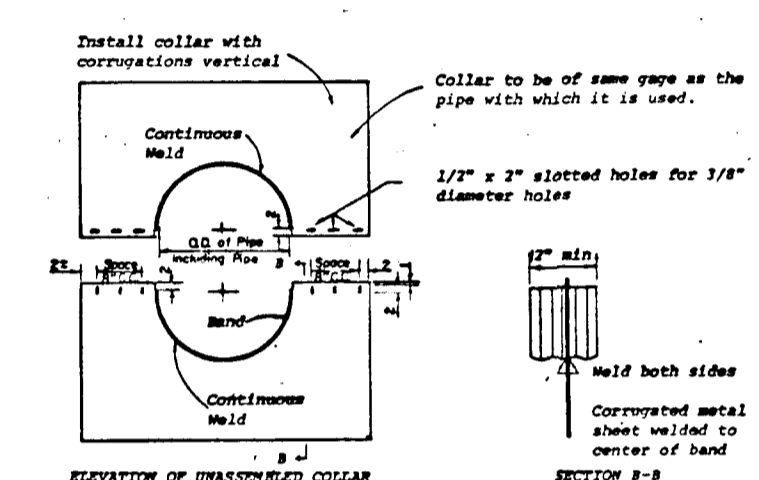
JAN 25 1978
Date
STATE OF MARYLAND
Professional Engineer
James K. Jany
Professional Engr. No. 7566



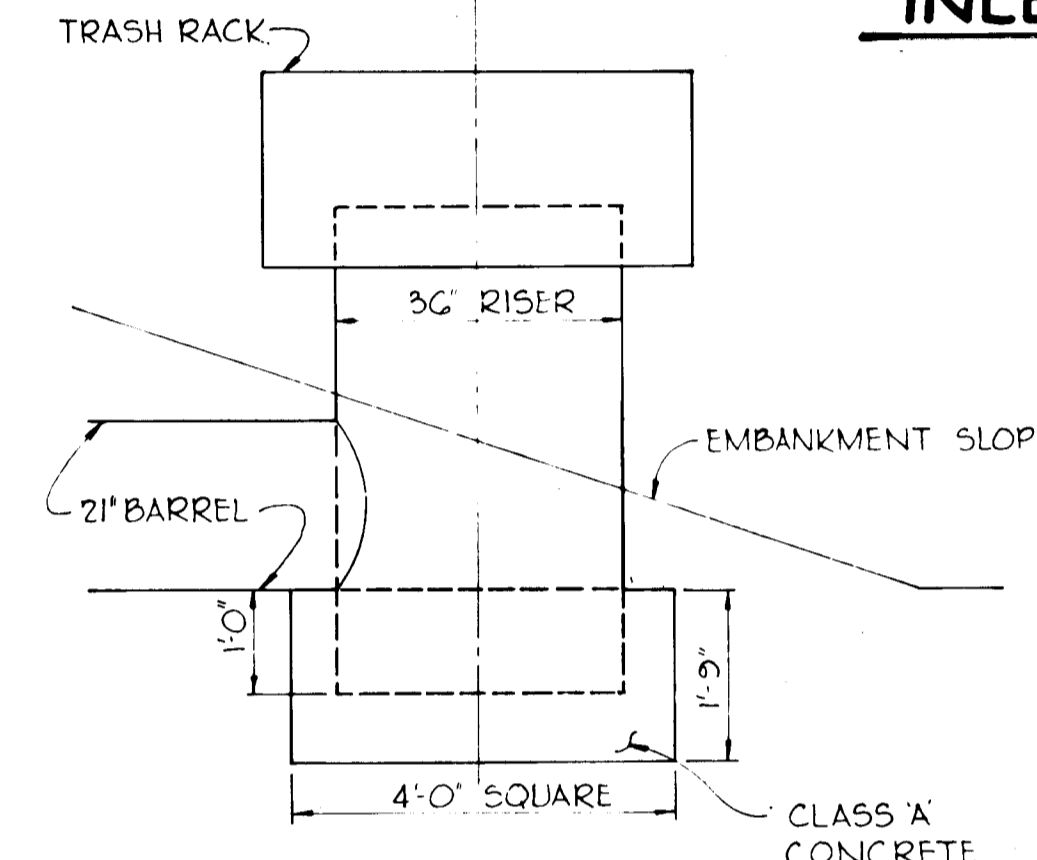
SECTION THRU SEDIMENT BASIN
SCALE 1"=20'



INLET TRAP DETAIL
NO SCALE



ANTI-SEEP COLLAR
NO SCALE



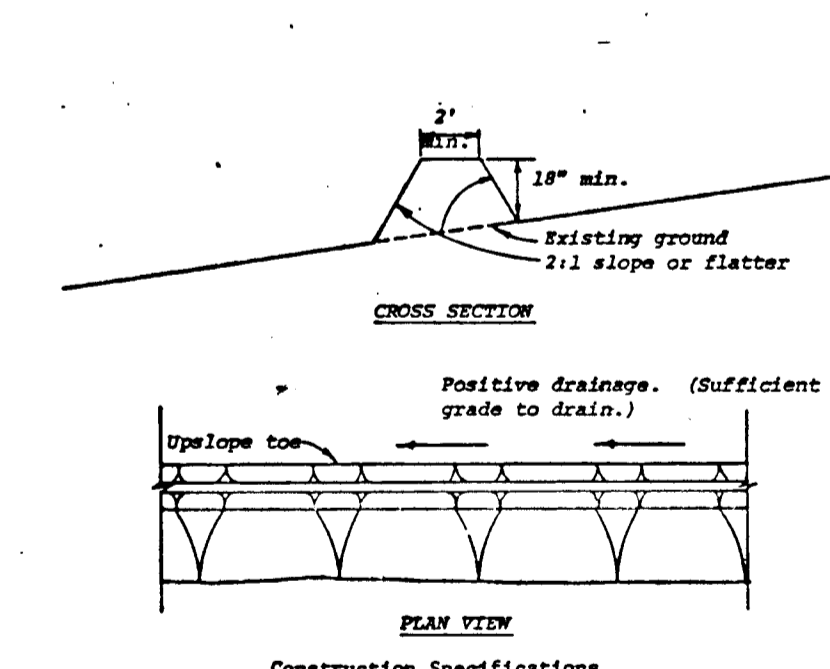
RISER BASE DETAIL
SCALE 1"=20'

| STRUCTURE | DRAINAGE AREA (Ac) | DISTURBED AREA (Ac) | VOLUME (CY) AVAIL. | CLEANOUT ELEV. | DEPTH TO CREST | BOTTOM DIMENSION |
|----------------|--------------------|---------------------|--------------------|----------------|----------------|------------------|
| SEDIMENT BASIN | 8.6 | 6.0 | 57.0 | 352.5 | 4 | 8' x 72' |
| (A) | 1.3 | 1.1 | 87 | 357.5 | 4 | 8' x 50' |
| (B) | 0.57 | 0.57 | 39 | 346.0 | 4 | 8' x 9' |
| (C) | 0.46 | 0.46 | 31 | 344.0 | 4 | 8' x 9' |
| (D) | 0.90 | 0.70 | 47 | 347.5 | 4 | 12' x 30' |

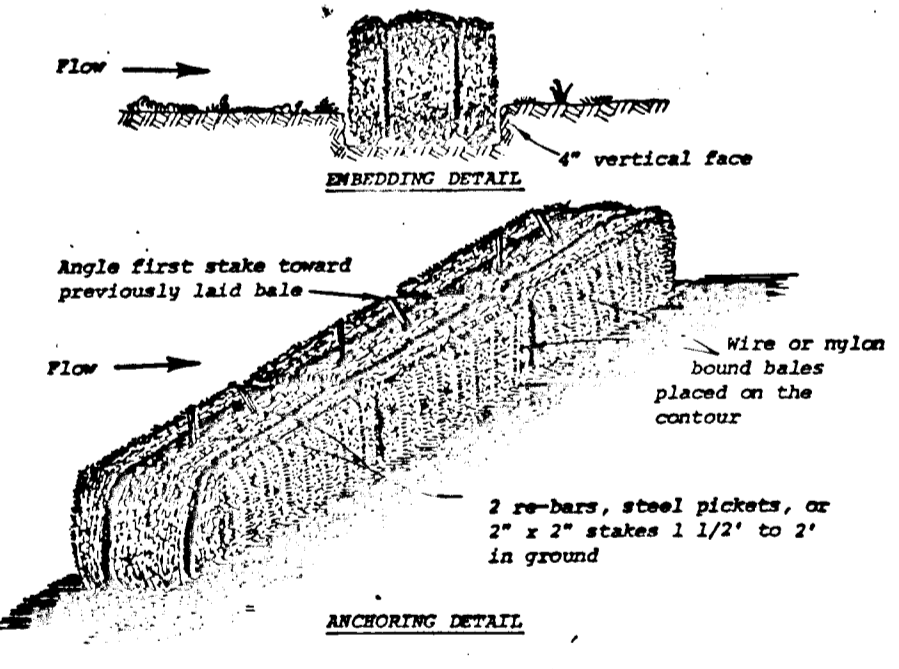
ANTI-SEEP COLLAR
NO SCALE

RISER BASE DETAIL
SCALE 1"=20'

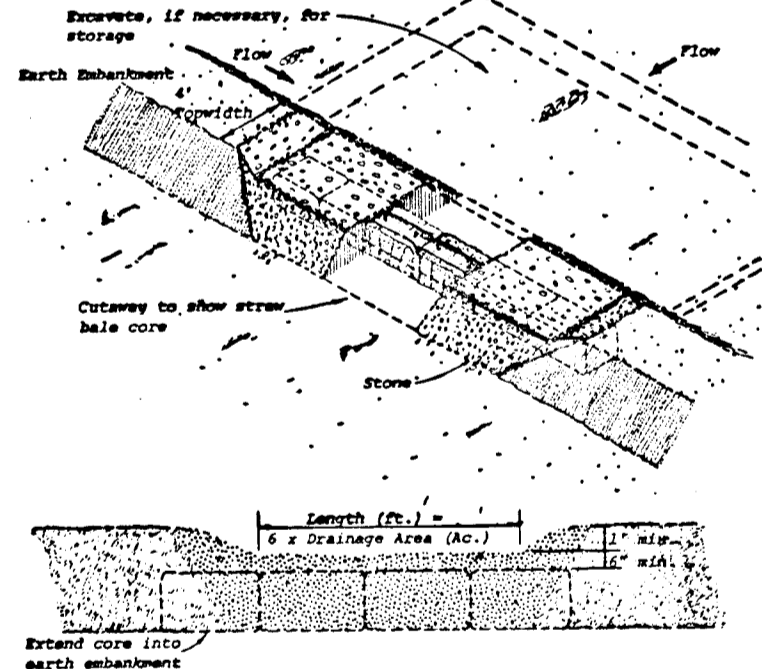
NOTE: IF LOTS ARE SOLD BY GROUPS TO CONTRACTORS AN INDIVIDUAL LOT SEDIMENT CONTROL PLAN WILL BE REQUIRED.



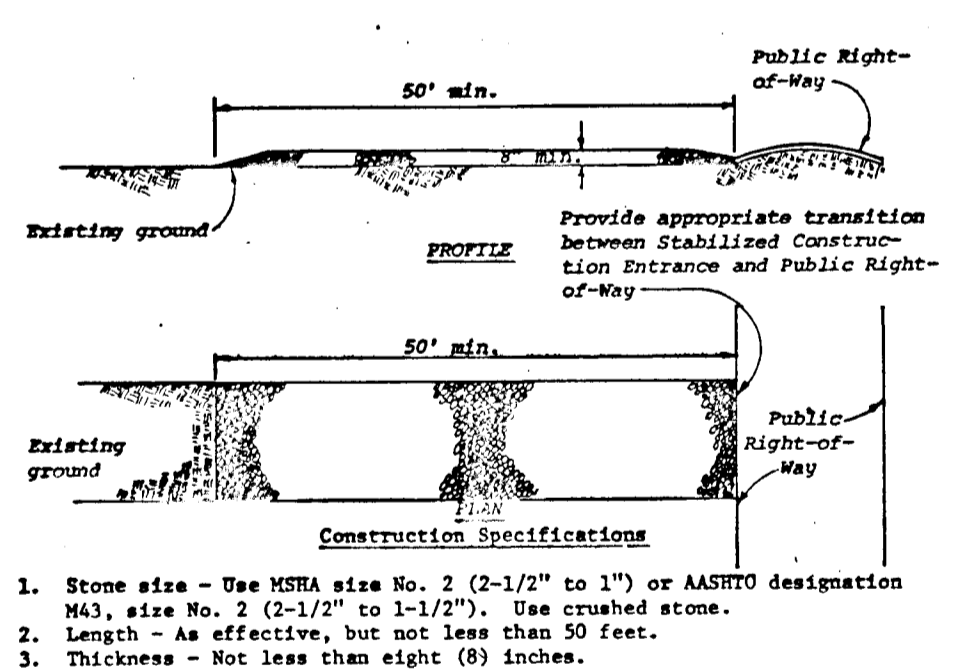
PERIMETER DIKE
NO SCALE



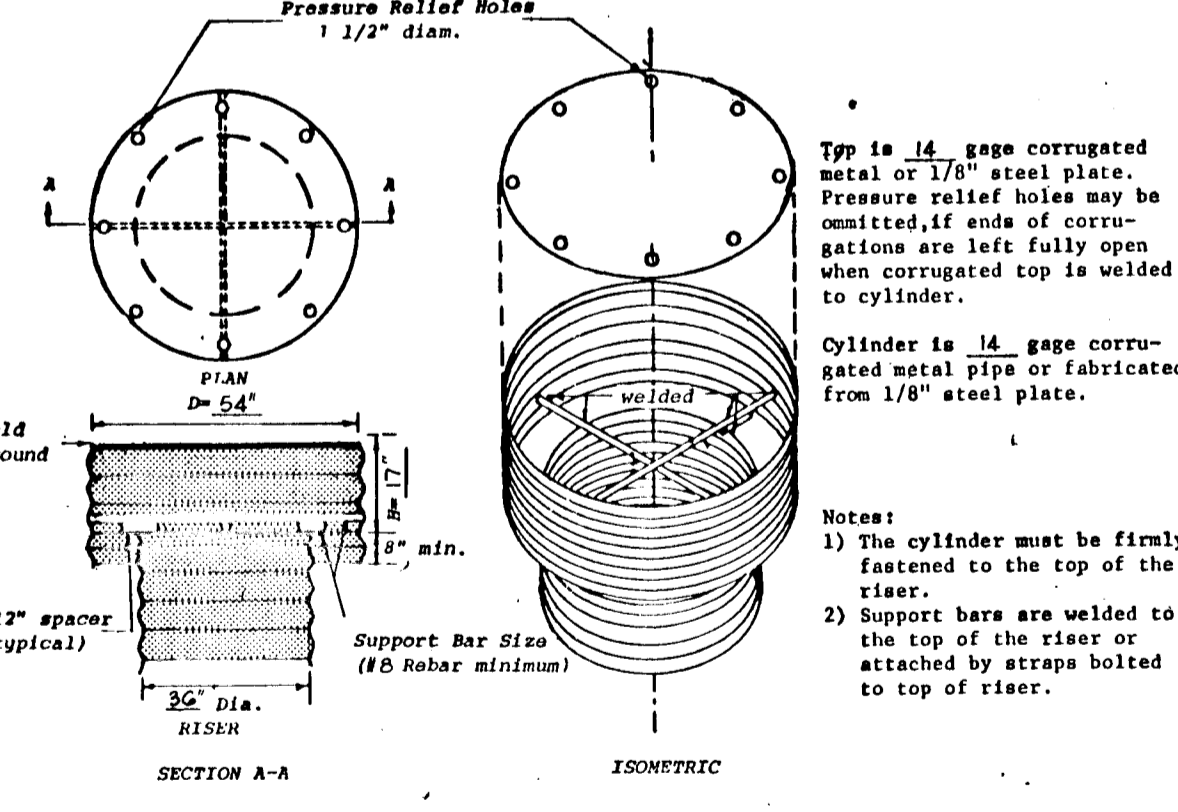
STRAW BALE DIKE
NO SCALE



STONE OUTLET SEDIMENT TRAP
NO SCALE



STABILIZED CONSTRUCTION ENTRANCE
NO SCALE



ANTI-VORTEX DEVICE
NO SCALE

SEDIMENT CONTROL CONSTRUCTION NOTES

- GENERAL NOTES
- A MINIMUM 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (992-2070).
 - ALL SEDIMENT CONTROL STRUCTURES WILL BE INSTALLED IN ACCORDANCE WITH "THE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS" AS PREPARED BY THE U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE.
 - SITE GRADING WILL BEGIN ONLY AFTER ALL PERIMETER SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED AND ARE IN A FUNCTIONING CONDITION.
 - ALL DISTURBED AREAS ARE TO BE DRESSED AND STABILIZED ACCORDING TO THE TEMPORARY OR PERMANENT SEEDING SCHEDULES AS SOON AS PROPER WEATHER CONDITIONS EXIST FOR THE ESTABLISHMENT OF A PERMANENT VEGETATIVE COVER.
 - SEDIMENT WILL BE REMOVED FROM TRAPS WHEN THE DEPTH REACHES THE CLEAN OUT ELEVATION SHOWN ON THE PLANS.
 - FERTILIZER AND LIME RATES MAY BE CHANGED THROUGH AUTHORIZATION BY THE HOWARD SOIL CONSERVATION DISTRICT IF SOIL TESTS DETERMINE A REDUCTION IN THE SPECIFIED RATES IS JUSTIFIED.
 - 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.
 - REFERENCES CALLED FOR ON THE SEDIMENT CONTROL CONSTRUCTION PLAN AND DETAILS ARE MADE TO "THE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS".
 - ALL PIPES IN OPEN TRENCHES DISCHARGING INTO OUT PARCELS SHALL BE PLUGGED WITH PLYWOOD AND SANDBAG BULKHEAD AT THE END OF EACH DAYS WORK.

- TEMPORARY SEEDING
- AREA TO BE SEED SHALL BE RECENTLY LOOSENEED. IF THE GROUND IS PACKED, CRUSTED OR HARD, THE TOP LAYER OF SOIL SHALL BE LOOSENEED BY DISCING, RACKING OR OTHER ACCEPTABLE MEANS.
- APPLY 10-20-10 FERTILIZER (OR EQUIVALENT) AT THE RATE OF 600 LBS. PER ACRE OR 15 LBS. PER 1000 SQ. FT.
 - WHERE SOIL IS KNOWN TO BE HIGHLY ACID, APPLY DOLOMITIC LIMESTONE AT THE RATE OF 1 TON. PER ACRE.
 - WORK BOTH INTO SOIL AND SEED WITH CYCLONE SEEDER, DRILL, CULTIPAKER SEEDER OR HYDROSEEDER (SLURRY WILL INCLUDE SEED AND FERTILIZER) AT THE RATE OF 40 LBS. PER ACRE OF ITALIAN OR PERENNIAL RYEGRASS.
 - MULCH WITH UNWEATHERED SMALL GRAIN STRAW AT THE RATE OF 1 1/2 TO 2 TONS. PER ACRE AND ANCHOR WITH A CUTBACK ASPHALT OR EMULSIFIED ASPHALT AT THE RATE OF 5 GAL. PER 1000 SQ. FT.

- PERMANENT SEEDING
- FINAL STABILIZATION WILL TAKE PLACE AS SOON AS POSSIBLE AS WEATHER CONDITIONS PERMIT, AS FOLLOWS:
- APPLY DOLOMITIC LIMESTONE AT THE RATE OF 2 TONS. PER ACRE (ONE TON PER ACRE IF APPLICATION OF TON PER ACRE WAS MADE FOR TEMPORARY SEEDING).
 - APPLY 0-20-20 FERTILIZER AT THE RATE OF 600 LBS. PER ACRE. HARROW OR DISC LIME AND 0-20-20 FERTILIZER INTO THE SOIL TO A MINIMUM DEPTH OF 3" LANS OR HIGH MAINTENANCE AREAS WILL BE DRAGGED AND LEVELED WITH A YORK RAKE. AT THE TIME OF SEEDING APPLY 400 POUNDS OF 38-0-0 UREAFORM FERTILIZER AND 500 LBS. OF 10-20-20 OR EQUIVALENT FERTILIZER PER ACRE.
 - SEED WITH A MIXTURE OF CERTIFIED "MERION" KENTUCKY BLUEGRASS @ 40 LBS. PER ACRE; COMMON KENTUCKY BLUEGRASS @ 40 LBS. PER ACRE; RED FESCUE, PENNLAWN OR JAMESTOWN @ 20 LBS. PER ACRE.
 - MULCH WITH UNWEATHERED SMALL GRAIN STRAW AT THE RATE OF 1 1/2 TO 2 TONS. PER ACRE AND ANCHOR WITH A CUTBACK ASPHALT OR EMULSIFIED ASPHALT AT THE RATE OF 5 GAL. PER 1000 SQ. FT.

SITE ANALYSIS

| | |
|------------------------------------|------------|
| SITE AREA | 13.3 Acres |
| DISTURBED AREA | 10.5 Acres |
| IMPERVIOUS AREA | 1.2 Acres |
| AREA TO BE PERMANENTLY REVEGETATED | 10.5 Acres |

| Date | No | Revision Description |
|------|----|--|
| | | OWNER |
| | | MEADOWBROOK DEVELOPMENT CORPORATION 9301 Annapolis Road LANHAM, MARYLAND 20801 |
| | | DEVELOPER |
| | | MEADOWBROOK DEVELOPMENT CORPORATION 9301 Annapolis Road LANHAM, MARYLAND 20801 |

CENTURY ENGINEERING, INC.
CONSULTING ENGINEERS - PLANNERS
TOWSON, MARYLAND 21204

| | |
|-------------|--|
| AREA | MEADOWBROOK - SECTION 2 |
| TITLE | SEDIMENT CONTROL PLAN, NOTES AND DETAILS |
| Des By | F.T. |
| Scale | AS SHOWN |
| Proj No | 0477 |
| Drn By | R.J.W. |
| Date | 3-7-78 |
| Drawing No. | 5 OF 5 |
| Chk By | AWR |
| Approved | |

CERTIFICATION BY THE DEVELOPER:
"I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS OF DEVELOPMENT AND PLANS FOR EROSION AND SEDIMENT CONTROL AND I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT ON THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE UNLESS AUTHORIZED BY THE HOWARD SOIL CONSERVATION DISTRICT."
[Signature]
March 7, 1978
DATE

CERTIFICATION BY THE ENGINEER:
"I 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."
[Signature]
March 7, 1978
DATE

DEPARTMENT OF PUBLIC WORKS:
[Signature] 57170
CHIEF, BUREAU OF ENGINEERING DATE
OFFICE OF PLANNING AND ZONING:
[Signature] 3-15-78
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

THESE PLANS FOR SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
APPROVED: *[Signature]* 3-15-78
HOWARD S.C.D. DATE
THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.
[Signature] 3-15-78
G.S. SOIL CONSERVATION SERVICE DATE