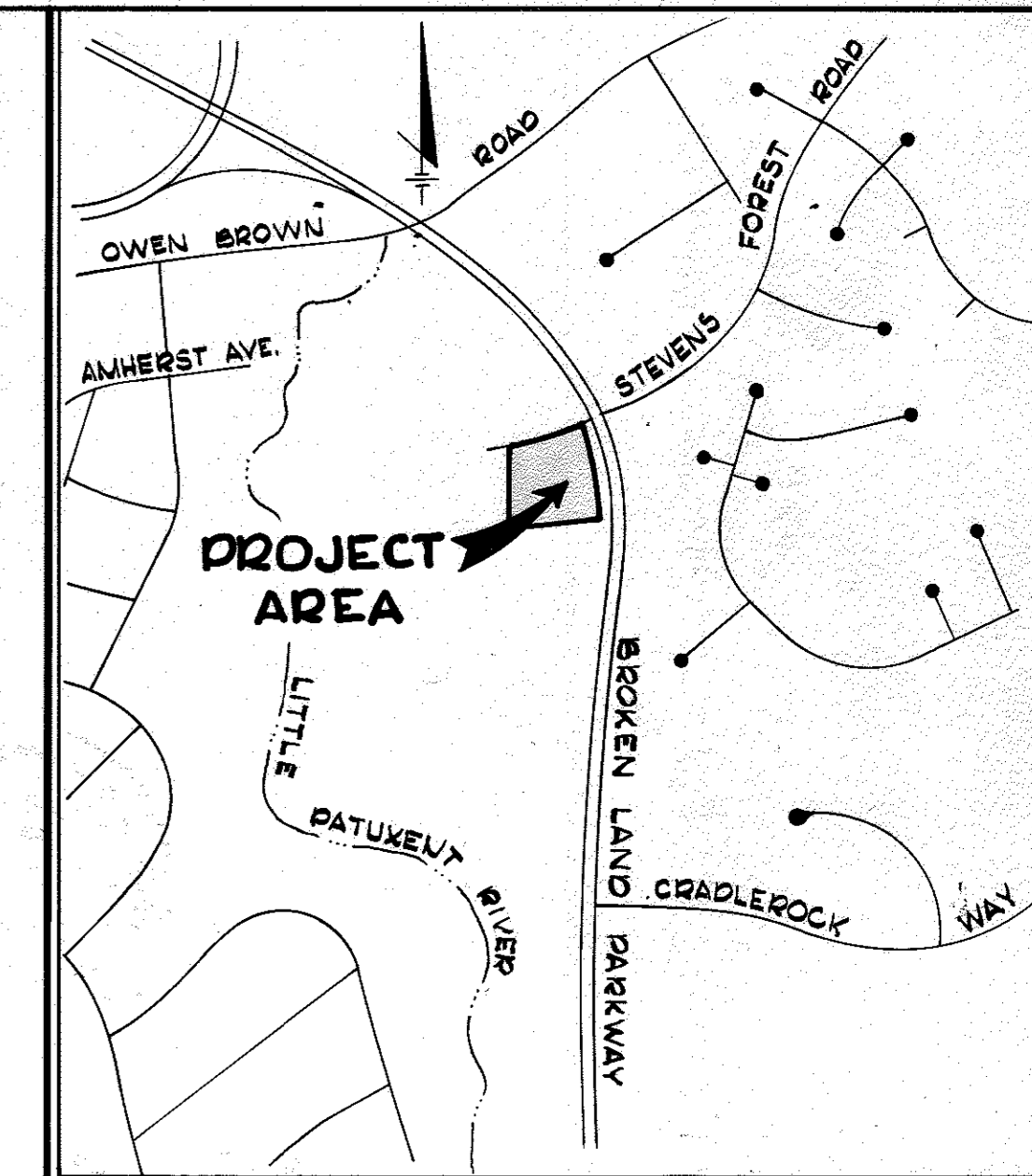
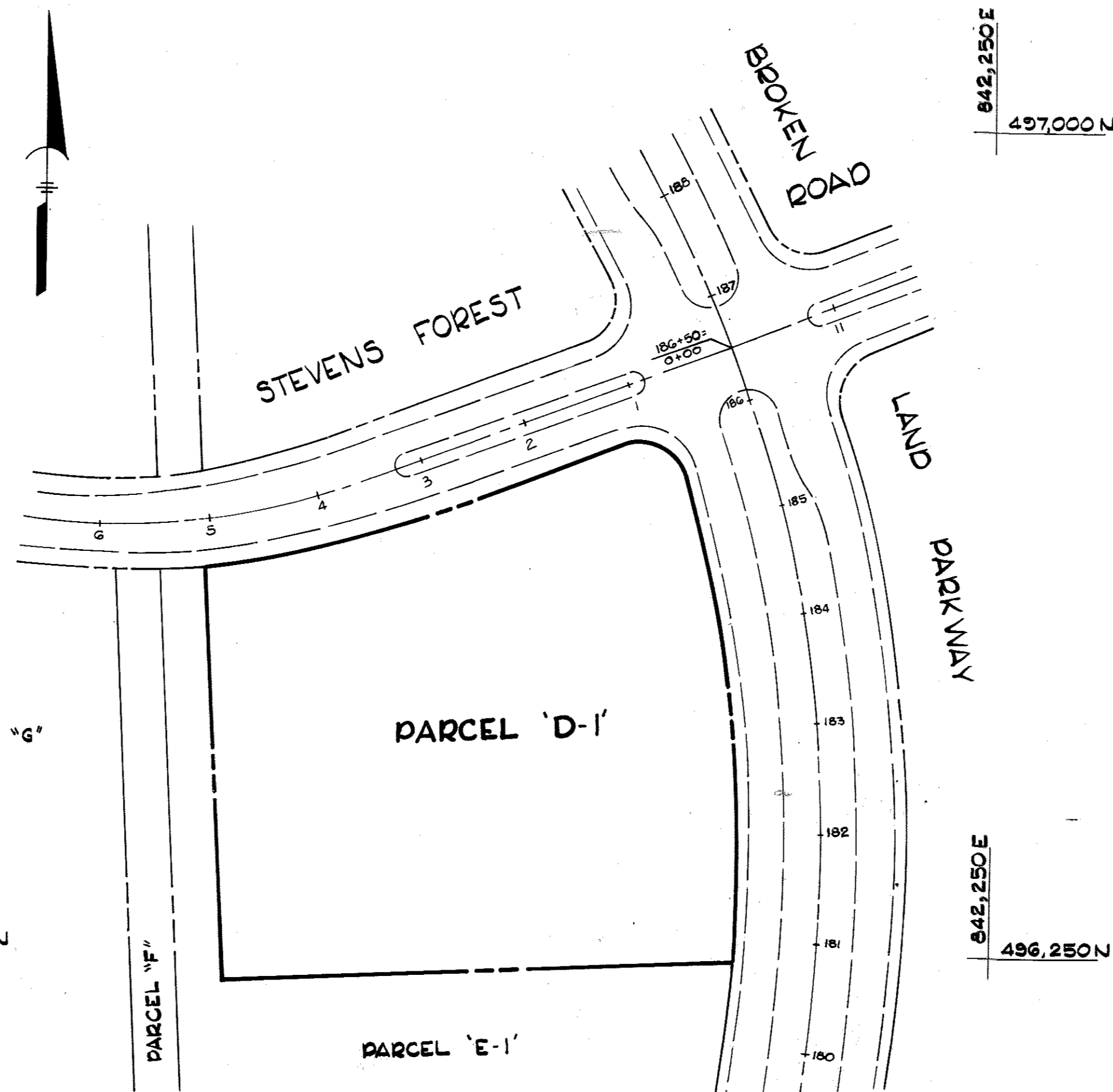


SHEET INDEX	
SHEET	DESCRIPTION
1	TITLE SHEET
2	SITE PLAN
3	DRAINAGE AREA MAP AND STORM WATER MANAGEMENT PLAN
4	SEDIMENT CONTROL PLAN AND DETAILS
5	DETAILS
6	PLANTING PLAN
7	REVISED SITE DEVELOPMENT PLAN

NEW HOPE KOREAN CHURCH VILLAGE OF OWEN BROWN SECTION 5, AREA 1 HOWARD COUNTY, MARYLAND



VICINITY MAP
Scale: 1" = 800'



PLAN
Scale: 1" = 100'

GENERAL NOTES

1. ALL WATER LINES SHALL BE CONSTRUCTED A MINIMUM OF 36" COVER BELOW FINISHED GRADE.
2. CORRUGATED STEEL PIPE SECTIONS WILL BE JOINED WITH A SINGLE OR 2 PIECE CORRUGATED BAND WITH A WATERTIGHT NEOPRENE GASKET. DIMPLED BAND CONNECTORS WILL NOT BE PERMITTED.
3. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
4. 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.
5. THE CONTRACTOR SHALL TEST PIT EXISTING UTILITIES, WHERE DIRECTED BY THE ENGINEER, A MINIMUM OF TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS.
6. 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 CO. 539-8000 Ext. 691
7. ALL INLETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HOWARD COUNTY STANDARDS.
8. ALL ELEVATIONS SHOWN ARE BASED ON U.S.C. & G.S. MEAN SEA LEVEL DATUM 1929.
9. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
10. THE CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS WITHIN 2'-0" OF EXTERIOR MANHOLE WALLS.
11. PROFILE STATIONS SHALL BE ADJUSTED AS NECESSARY TO CONFORM TO PLAN DIMENSIONS.

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

Richard E. Sreudenberg 8/22/78
Director Date

W. O. P. Boat 8-22-78
Chief, Bureau of Engineering Date

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

William L. Harris 9-5-78
Planning Director Date

John W. Muehlen 9-5-78
Chief, Division of Land Development Date

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

Joseph Ferguson 9-1-78
Health Officer Date

9-16-78	REVISION SET, NEW OWNER
8-1-1978	REVISED AS PER COMMENTS DATED JUNE 21, 1978 & JUNE 22, 1978

Date	No	Revision Description

OWNER/DEVELOPER
NEW HOPE KOREAN CHURCH
6501 STEVENS FOREST DRIVE
COLUMBIA, MD 21105

NEW HOPE KOREAN CHURCH
TAX MAP NO. 36, PLAT BOOK NO. 3975
6th Election District, Howard County, Maryland

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE: 6-21-78
fwm



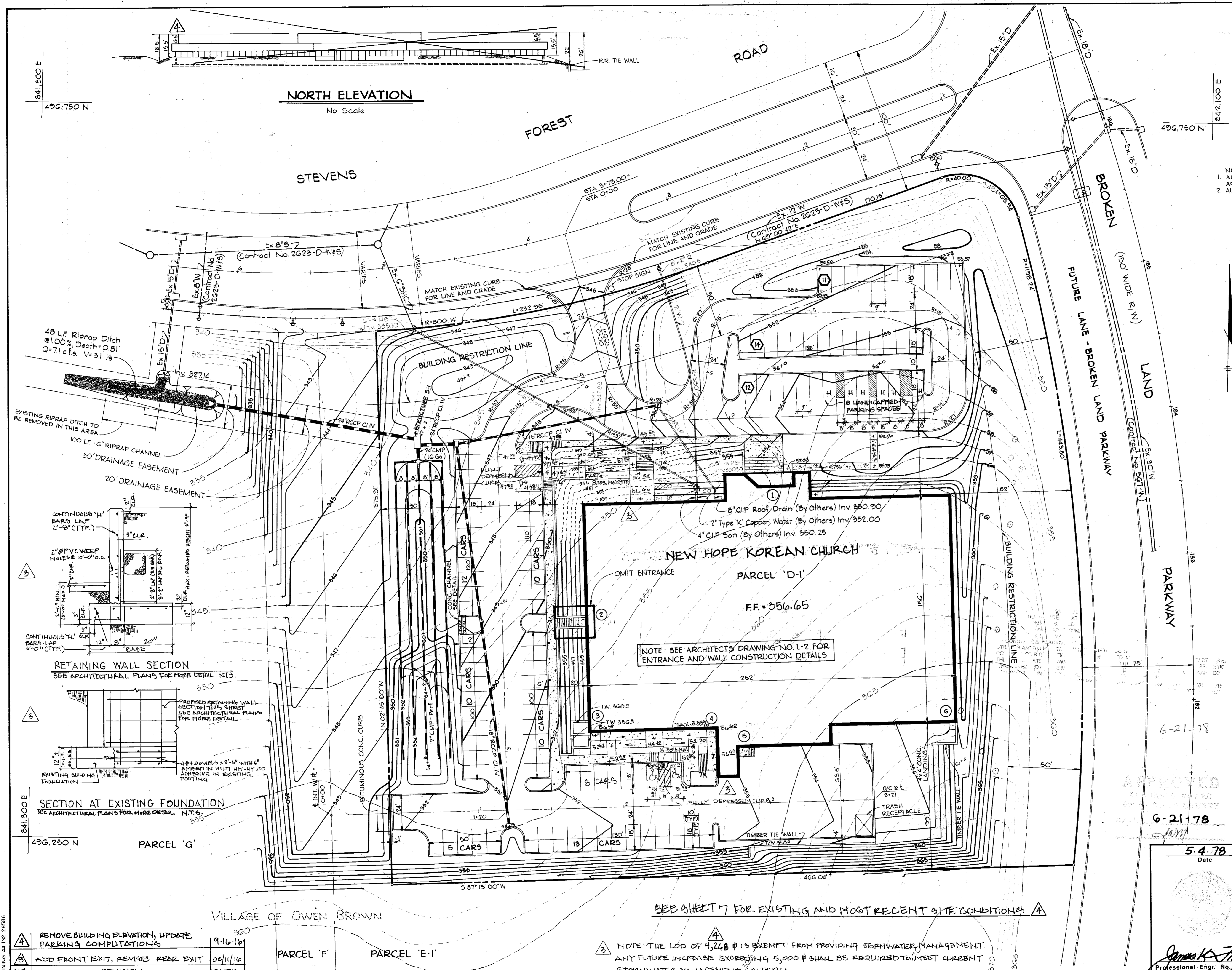
APPROVED
DATE: 5-4-78
James H. Tracy
Professional Engr. No. 8566

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

AREA
VILLAGE OF OWEN BROWN
Section 5 - Area 1
PARCEL 'D-2'

TITLE SHEET

Des By A.W.R.	Scale AS SHOWN	Proj No 0378
Drn By P.S.	Date 5-4-78	Drawing No.
Chk By A.W.R.	Approved	1 OF 7



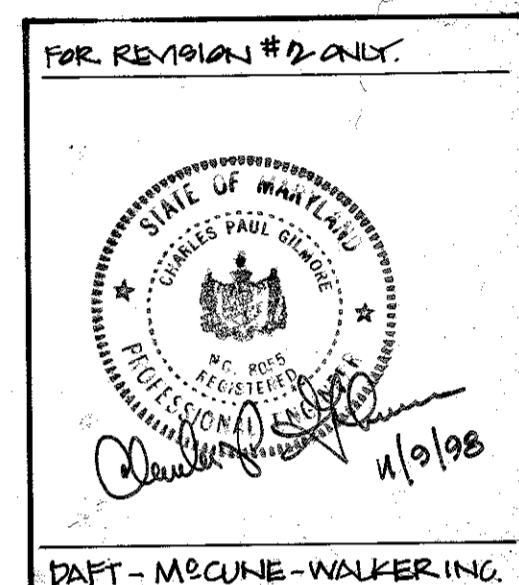
SITE ANALYSIS

TOTAL SITE AREA	4.5 Ac.
F.D.P. PHASE	149-A-2
LAND USE	EMPLOYMENT CENTER-COMMERCIAL
INTENDED USE	RELIGIOUS
SIZE OF ASSEMBLY AREA	10,469 S.F.
RETAIL SALES AREA	NONE
TOTAL BUILDING COVERAGE	41,512 S.F.

OFFICE USE	105
PARKING SPACES REQUIRED	105
PARKING SPACES PROVIDED	105
BUSINESS	OFFICE USE

*ADDITIONAL 100 SPACES PROVIDED UNDER SDP-89-045. TOTAL PARKING PROVIDED = 211.

- NOTE:
- ALL TREES SHOWN ALONG BROKEN LAND PARKWAY ARE TO BE SAVED WHERE REASONABLE
 - ALL DIMENSIONS ARE TO BACK OF CURB



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

Richard E. Schneider 8/22/78
 Director Date
W. O. Sill 8-28-78
 Chief, Bureau of Engineering Date

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

D. L. Harris 9-5-78
 Planning Director Date
W. W. Mendenhall 9-5-78
 Chief, Division of Land Development Date

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

Joyce M. Brydus 9-1-78
 County Health Officer Date

Date	No	Revision Description
8-1-1978	1	REVISED AS PER COMMENTS DATED JUNE 21, 1978 & JUNE 22, 1978
10-21-78	2	REVISED FOR HANDICAPPED ACCESS.

OWNER/DEVELOPER
 NEW HOPE KOREAN CHURCH
 6301 STEVENS FOREST DRIVE
 COLUMBIA, MD 21045

NEW HOPE KOREAN CHURCH
 TAX MAP NO. 36, PLAT BOOK NO. 6th Election District, Howard County, Maryland

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

AREA
 VILLAGE OF OWEN BROWN
 Section 5 - Area 1
 PARCEL 'D-2'

TITLE
 SITE PLAN

Des By A.W.R.	Scale 1" = 30'	Proj No 0378
Drn By R.J.W.	Date 5-4-78	Drawing No. 2 OF 7
Chk By J.K.T.	Approved	

5-4-78
 Date

James K. Tracy
 Professional Engr. No. 8766

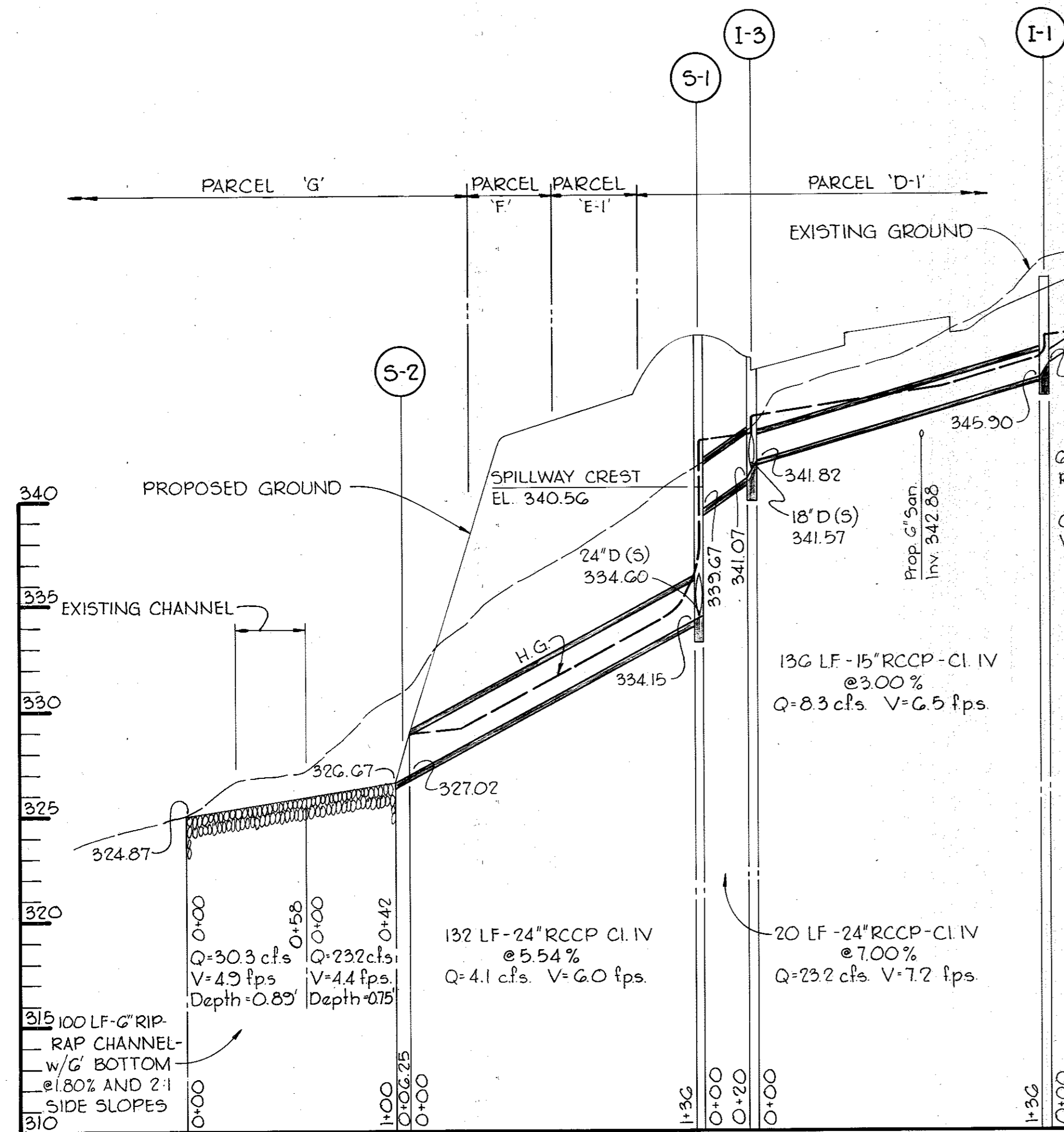
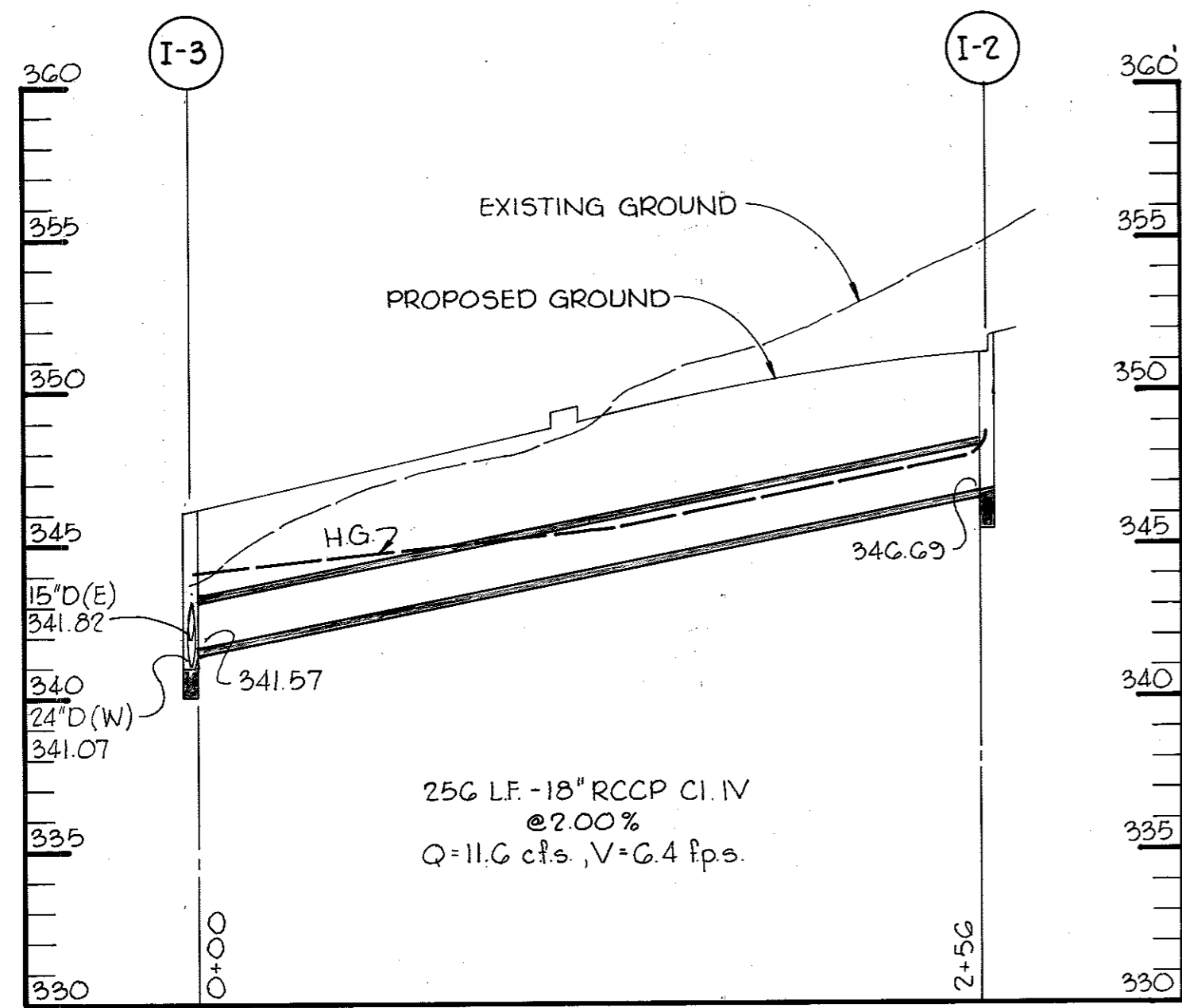
No.	REVISION	DATE
1	REMOVE BUILDING ELEVATION, UPDATE PARKING COMPUTATIONS	9-16-10
2	ADD FRONT EXIT, REVISE REAR EXIT	02/11/10

NOTE: THE LOD OF 4,268 # IS EXEMPT FROM PROVIDING STORMWATER MANAGEMENT. ANY FUTURE INCREASE EXCEEDING 5,000 # SHALL BE REQUIRED TO MEET CURRENT STORMWATER MANAGEMENT CRITERIA.

SEE SHEET 7 FOR EXISTING AND MOST RECENT SITE CONDITIONS

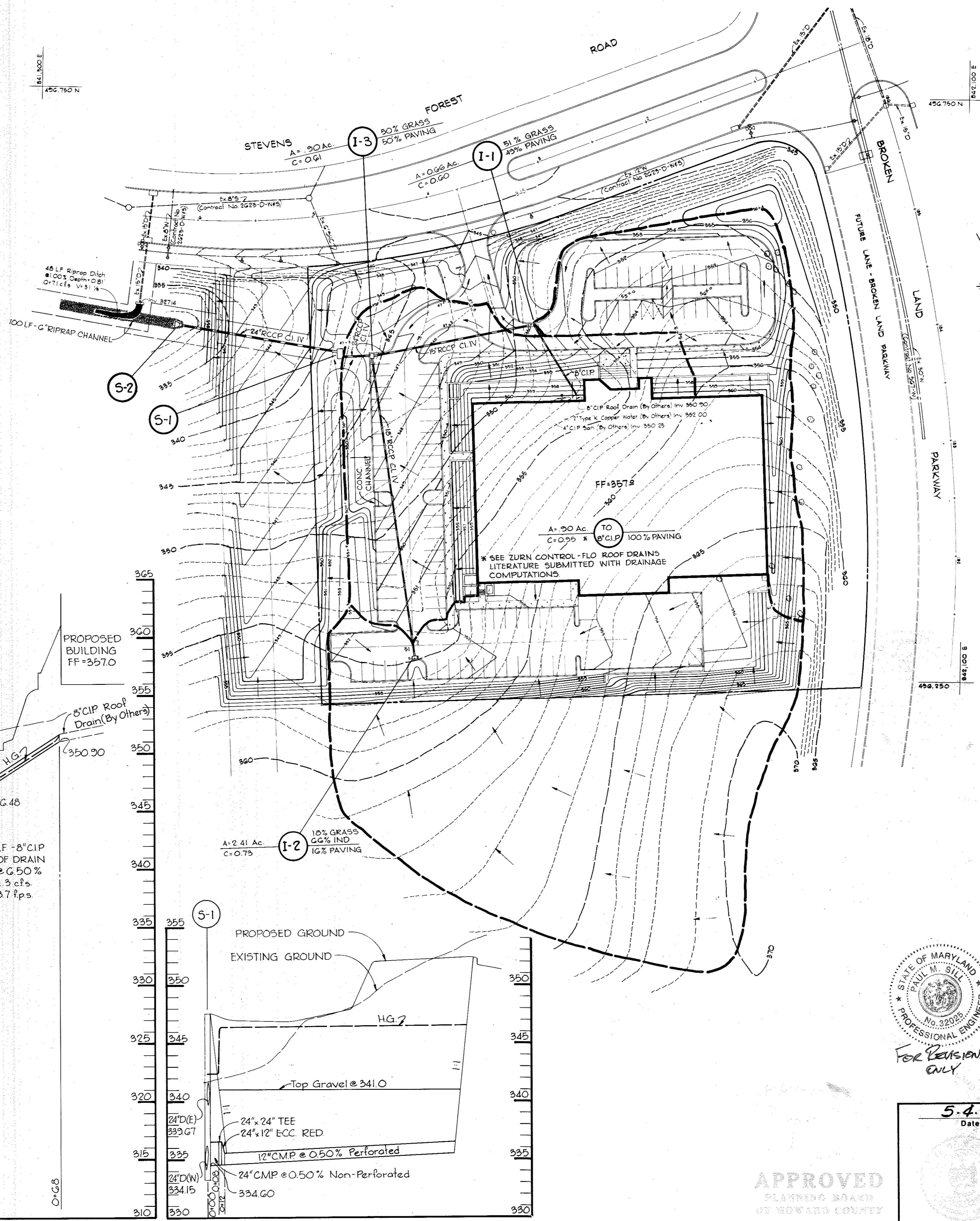
BRUNING 44132 28586

STRUCTURE SCHEDULE					
NO.	TYPE	REMARKS	INV. IN	INV. OUT	TOP ELEV.
I-1	DBL. 'S' COMB.	HC STD. D-99, PG. 154	346.48	345.90	350.60
I-2	DBL. 'S' COMB.	HC STD. D-99, PG. 154	-	346.69	351.90
I-3	DBL. 'S' COMB.	HC STD. D-99, PG. 154	341.82	341.07	346.60
S-1	SPECIAL VAULT	SEE DETAIL SHEET	339.67	334.15	347.50
S-2	CONC. END SECT.	SEE DETAIL SHEET	327.02	326.67	-



PROFILE

H: 1" = 50'
Scale: V: 1" = 5'



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

John D. Kaplan, V.P.
Signature of Developer
Date: 4-2-78

CERTIFICATION BY THE ENGINEER:
"I CERTIFY THAT THIS PLAN FOR PONDS, 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".

James K. Tracy
Signature - James K. Tracy
Date: 5-4-78

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.

C. Wayne Ray
Signature
Date: 8-9-78
U.S. Soil Conservation Service.

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

APPROVED: *Howard S.C.D.*
Howard S.C.D.
Date: 8-9-78

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

Richard E. Suedenberger
Director
Date: 8/22/78
W.O. F. Hunt
Chief, Bureau of Engineering
Date: 8-22-78

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

Thomas L. Harris
Planning Director
Date: 9-5-78
John M. Mullan
Chief, Division of Land Development
Date: 9-5-78

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

Josephine Boykin
County Health Officer
Date: 9-1-78

9-1-16
8-1-1978
RENUMBER SET, NEW OWNER
REVISED AS PER COMMENTS DATED JUNE 21, 1978 & JUNE 22, 1978

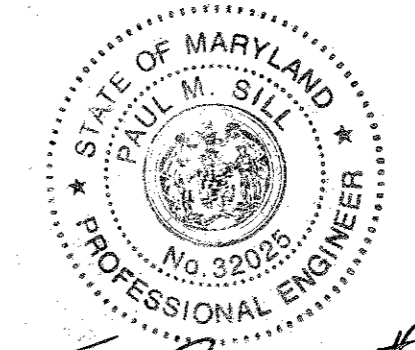
Date	No	Revision Description

OWNER/DEVELOPER
NEW HOPE KOREAN CHURCH
6801 STEVENS FOREST DRIVE
COLUMBIA, MD. 21705
NEW HOPE KOREAN CHURCH
TAX MAP NO. 36, PLAT BOOK NO. 3975
6th Election District, Howard County, Maryland

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

AREA
VILLAGE OF OWEN BROWN
Section 5 - Area 1
PARCEL 'D-2'
TITLE
DRAINAGE AREA MAP

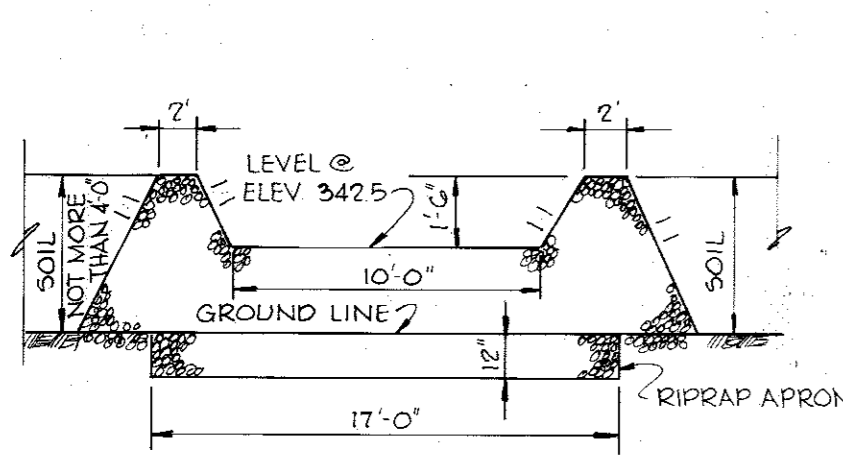
Des By A.W.R.	Scale 1"=50'	Proj No 0378
Drn By R.J.W.	Date 5-4-78	Drawing No. 3 OF 7
Chk By J.K.T.	Approved	



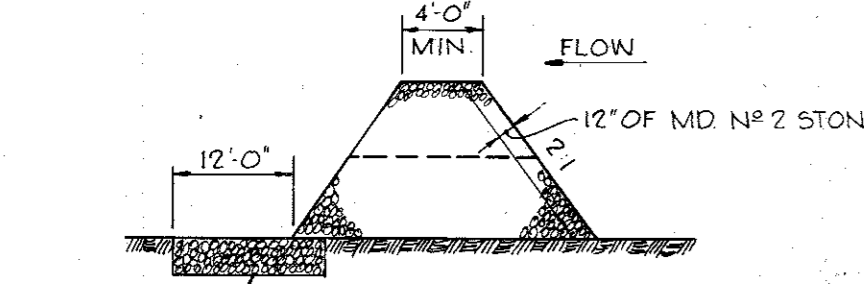
FOR REVISIONS #2 ONLY

5-4-78
Date
James K. Tracy
Professional Engr. No. 25566

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 6-21-78



ELEVATION

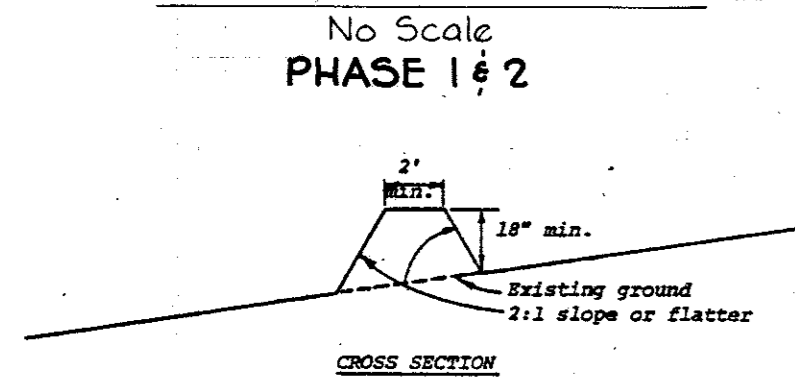


SECTION

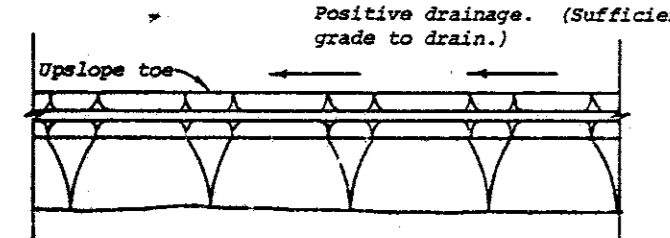
NOTE THIS DETAIL TO BE USED IN CONJUNCTION WITH STANDARDS AND SPEC. NO. 17.01 FOR STONE OUTLET STRUCTURE

Q = 35 CFS VELOCITY AT CRITICAL DEPTH - 4.6 FPS

STONE OUTLET STRUCTURE
No Scale
PHASE 1 & 2



CROSS SECTION



PLAN VIEW

- Construction Specifications**
- All dikes shall be machine compacted.
 - All perimeter dikes shall have positive drainage to an outlet.
 - A. Diverted runoff from a protected or stabilized upland area shall outlet directly onto an undisturbed stabilized area or into a level spreader or grade stabilization structure.
B. Diverted runoff from a disturbed or exposed upland area shall be conveyed to a sediment trapping device such as sediment trap or a sediment basin or to an area protected by any of these practices.
 - Stabilization, when required, shall be done in accordance with Standard and Specifications for Graded Highway. The minimum area to be stabilized shall be the channel flow area.
 - Periodic inspection and required maintenance shall be provided.

Standard Symbol

* Drainage area less than 5 acres

PERIMETER DIKE
No Scale
PHASE 1

TEMPORARY SEEDING

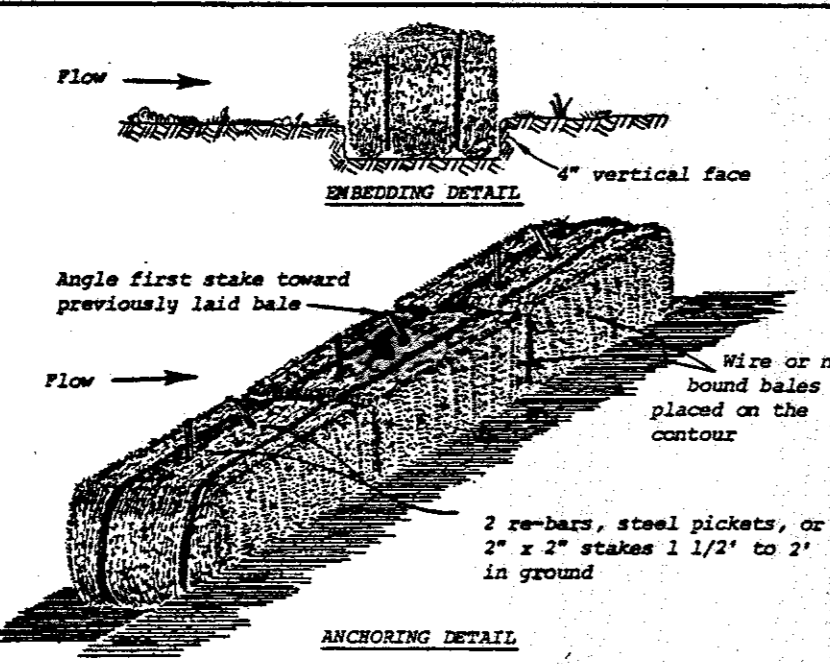
AREA TO BE SEED SHALL BE RECENTLY LOOSENEED. IF THE GROUND IS PACKED, CRUSTED OR HARD, THE TOP LAYER OF SOIL SHALL BE LOOSENEED BY DISCING, RACKING OR OTHER ACCEPTABLE MEANS.

- 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" LAWS 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.
- SEED ALL SLOPES WITH A MIXTURE OF CERTIFIED KENTUCKY 31 TALL FESCUE @ 50 LBS. PER ACRE AND INOCULATED KOREAN LESPEDEZA @ 15 LBS. PER ACRE.



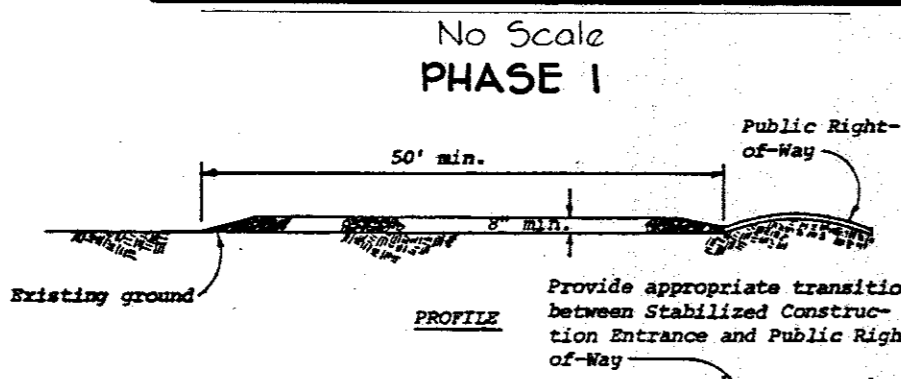
ANCHORING DETAIL

- Construction Specifications**
- Bales shall be placed in a row with ends tightly abutting the adjacent bales.
 - Each bale shall be embedded in the soil a minimum of 4".
 - Bales shall be securely anchored in place by stakes or re-bars driven through the bales. The first stake in each bale shall be angled toward previously laid bale to force bales together.
 - Inspection shall be frequent and repair or replacement shall be made promptly as needed.
 - Bales shall be removed when they have served their usefulness so as not to block or impede storm flow or drainage.

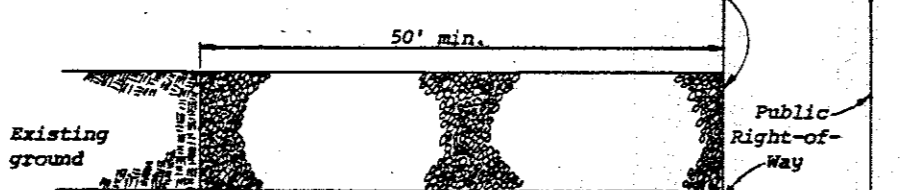
Standard Symbol

* Drainage area less than 1/2 acre.

STRAW BALE DIKE
No Scale
PHASE 1



PROFILE



CROSS SECTION

- Construction Specifications**
- Stone size - Use MSHA size No. 2 (2-1/2" to 1") or AASHTO designation M3, size No. 2 (2-1/2" to 1-1/2"). Use crushed stone.
 - Length - As effective, but not less than 50 feet.
 - Thickness - Not less than eight (8) inches.
 - Width - Not less than full width of all points of ingress or egress.
 - Washing - When necessary, wheels shall be cleaned to remove sediment prior to entrance onto public right-of-way. When washing is required, it shall be done on an area stabilized with crushed stone which drains into an approved sediment trap or sediment basin. All sediment shall be prevented from entering any storm drain, ditch, or watercourse through use of sand bags, gravel, boards or other approved methods.
 - Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.

Standard Symbol

* Drainage area less than 5 acres

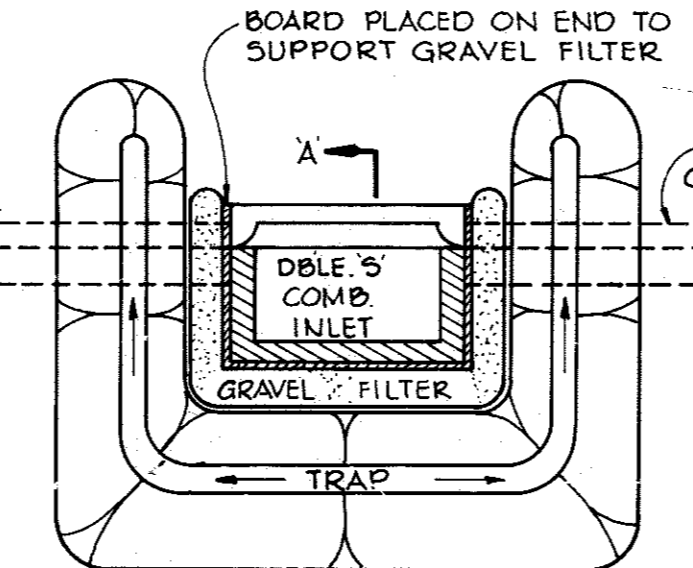
STABILIZED CONSTRUCTION ENTRANCE
No Scale
PHASE 1

GENERAL NOTES

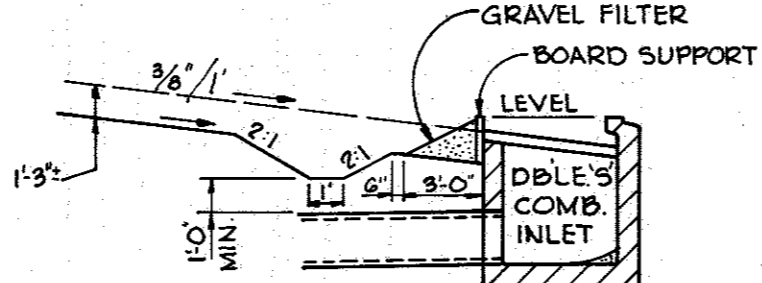
SEDIMENT CONTROL CONSTRUCTION NOTES

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 (922-2070).
- 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".
- NO STORM DRAINS SHALL BE INSTALLED UNDER PHASE I.
- SEDIMENT CONTROL WILL BE INSTALLED BEFORE CLEARING AND GRUBBING REMAINDER OF SITE.
- ALL STORM DRAINS CONSTRUCTING PHASE II SHALL BE BLOCKED WITH PLYWOOD AT THE END OF EACH DAYS WORK.

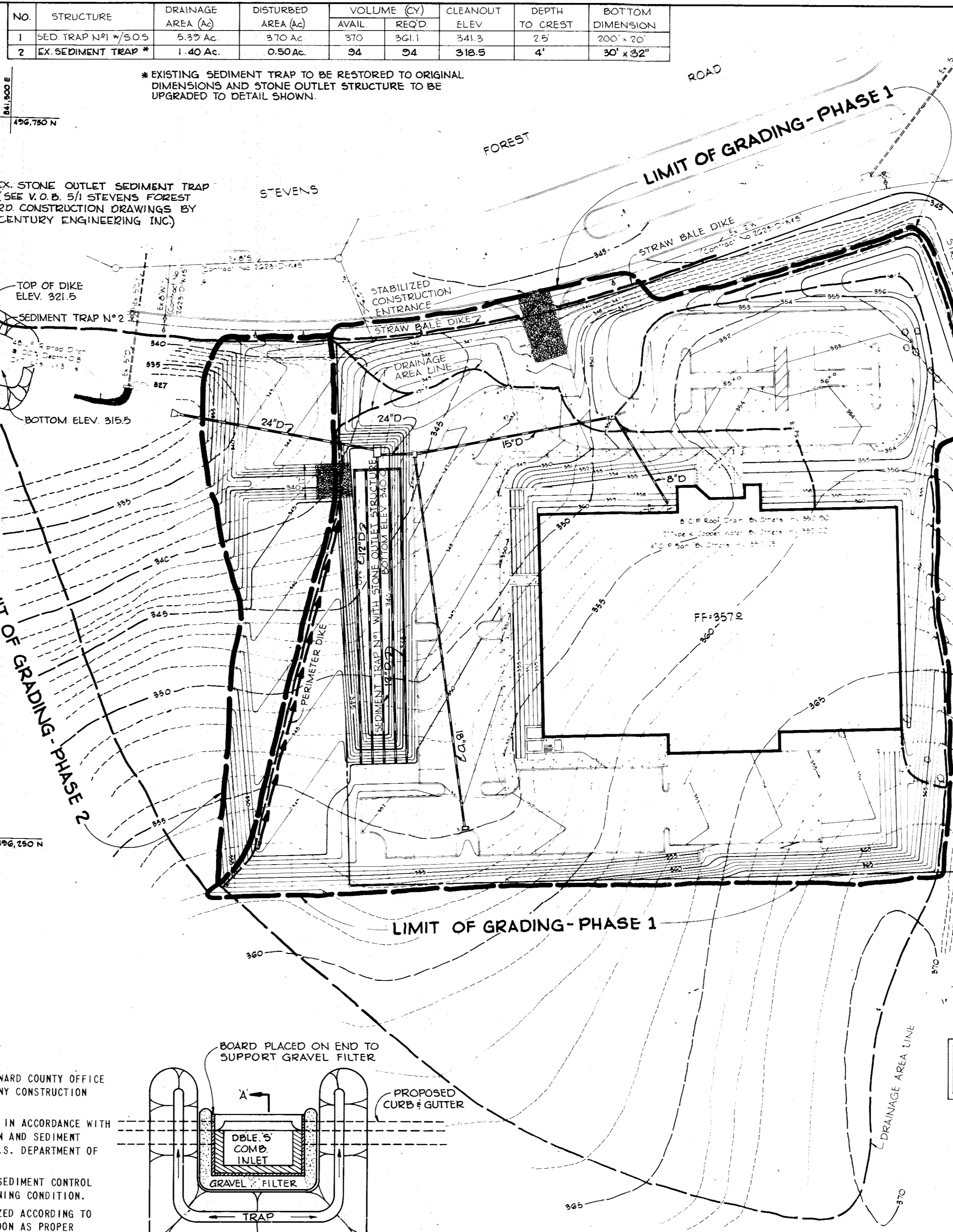


PLAN



SECTION "A-A"

TYPICAL INLET BLOCKING
No Scale



* EXISTING SEDIMENT TRAP TO BE RESTORED TO ORIGINAL DIMENSIONS AND STONE OUTLET STRUCTURE TO BE UPGRADED TO DETAIL SHOWN.

EX. STONE OUTLET SEDIMENT TRAP (SEE V.O.B. S/I STEVENS FOREST RD CONSTRUCTION DRAWINGS BY CENTURY ENGINEERING INC)

TOP OF DIKE ELEV. 321.5

SEDIMENT TRAP NO. 2

BOTTOM ELEV. 315.5

496,750 N

496,750 N

496,750 N

496,750 N

496,750 N

496,750 N

496,750 N

496,750 N

496,750 N

496,750 N

496,750 N

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496,750 N

496,750 N

496,750 N

496,750 N

496,750 N

496,750 N

496,750 N

NOTE: PHASE I IS ALSO SHOWN ON A PLAN FOR GRADING ONLY, NO. GP-78-78

SITE ANALYSIS

SITE AREA	4.5 Acres
DISTURBED AREAS	4.4 Acres
IMPERVIOUS AREA	2.0 Acres
AREA TO BE PERMANENTLY REVEGETATED:	1.8 Acres

- SEQUENCE OF CONSTRUCTION - PHASE I**
- OBTAIN A GRADING PERMIT.
 - INSTALL STABILIZED CONSTRUCTION ENTRANCE.
 - INSTALL STRAW BALE DIKES.
 - INSTALL SEDIMENT TRAP NO. 1 WITH STONE OUTLET STRUCTURE AND SEED PER TEMPORARY SEEDING NOTES.
 - INSTALL PERIMETER DIKE AND SEED PER TEMPORARY SEEDING NOTES.
 - ROUGH GRADE SITE WITHIN LIMIT OF GRADING PHASE I AND SEED PER TEMPORARY SEEDING NOTES.
 - ALL SEDIMENT CONTROL STRUCTURES BUILT UNDER PHASE I ARE TO BE UPGRADED TO ORIGINAL CONDITION AND ARE TO REMAIN IN PLACE UNTIL PHASE 2 GRADING BEGINS.

- SEQUENCE OF CONSTRUCTION - PHASE II**
- BEGIN PHASE II AFTER GETTING APPROVAL FROM THE SEDIMENT CONTROL INSPECTOR BY UPGRADE EXISTING STONE OUTLET SEDIMENT TRAP.
 - REMOVE SEDIMENT TRAP NO. 1 CONSTRUCTED UNDER PHASE I
 - CONSTRUCT STORM WATER MANAGEMENT FACILITY.
 - INSTALL STORM DRAINS.
 - BLOCK INLETS PER DETAIL.
 - ROUGH GRADE WITHIN LIMIT OF GRADING PHASE II AND SEED PER TEMPORARY SEEDING NOTES.
 - INSTALL.

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 6-21-78

5-4-78
Date

James K. Tracy
Professional Engr. No. 2456

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

Signature of Developer: *James K. Tracy* Date: 4/2/78

CERTIFICATION BY THE ENGINEER:
"I CERTIFY THAT THIS PLAN FOR PONDS, 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 of Engineer: *James K. Tracy* Date: 5/4/78

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.

Signature: *C. Wayne Ray* Date: 8-9-78
U.S. Soil Conservation Service

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

APPROVED: *Howard S.C.D.* Date: 8-9-78

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS. Date: 8/24/78

Signature: *Richard E. Freudenberger* Date: 8/24/78
Director

Signature: *W. O. Seibert* Date: 8-22-78
Chief, Bureau of Engineering

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING. Date: 9-5-78

Signature: *James K. Tracy* Date: 9-5-78
Chief, Division of Land Development

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT. Date: 9-1-78

Signature: *Joseph Bryden* Date: 9-1-78
County Health Officer

OWNER/DEVELOPER: NEW HOPE KOREAN CHURCH, 6301 STEVENS FOREST ROAD, COLUMBIA, MD. 21045

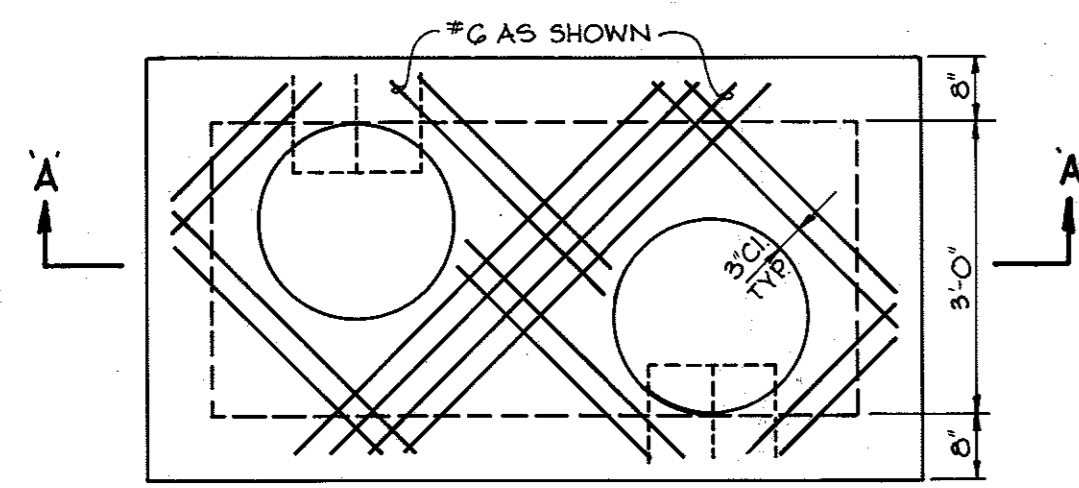
NEW HOPE KOREAN CHURCH, TAX MAP NO. 36, PLAT BOOK NO. 3975, 6th Election District, Howard County, Maryland

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

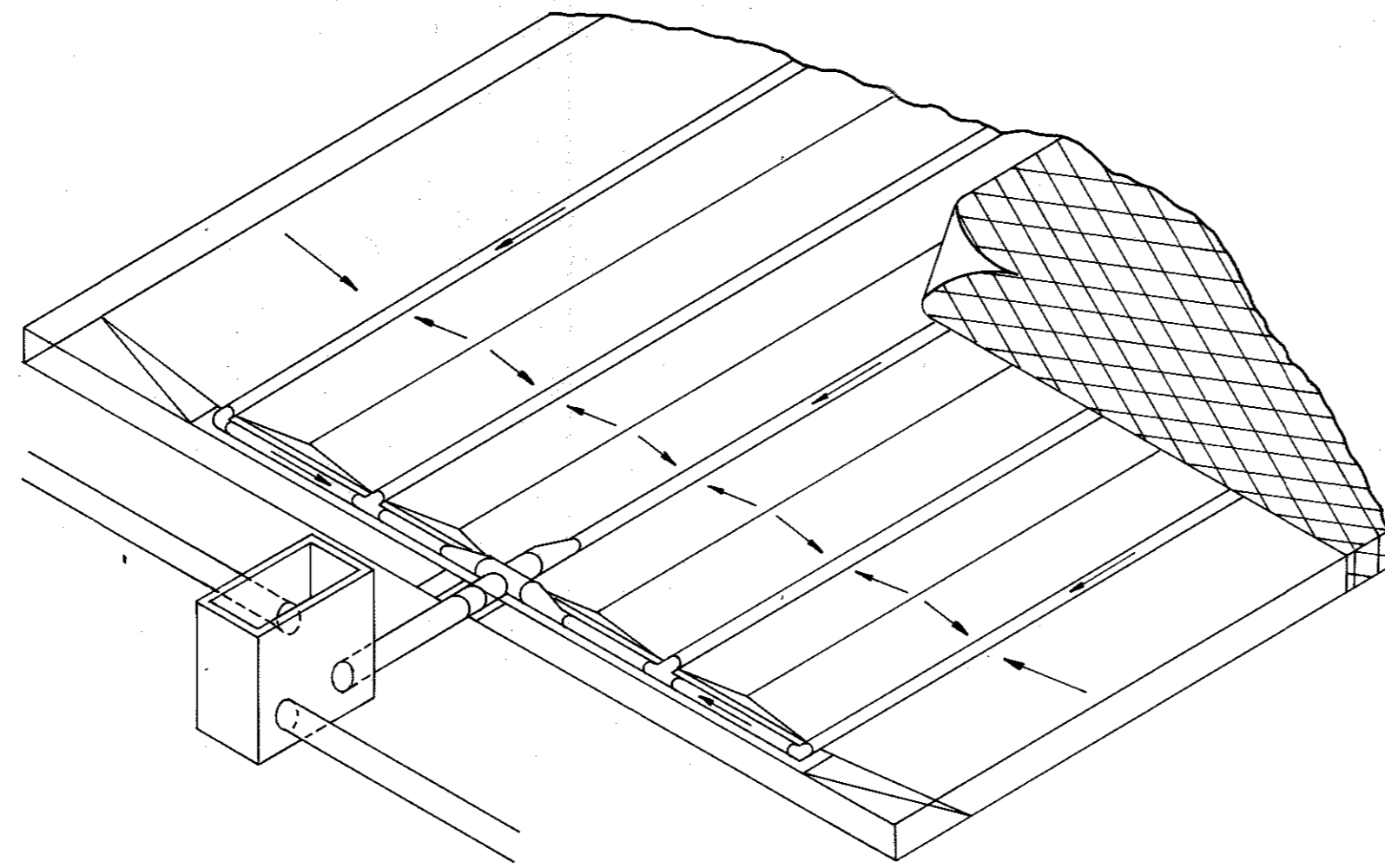
AREA: VILLAGE OF OWEN BROWN, Section 5 - Area 1, PARCEL 'D-2'

TITLE: SEDIMENT CONTROL PLAN, NOTES AND DETAILS

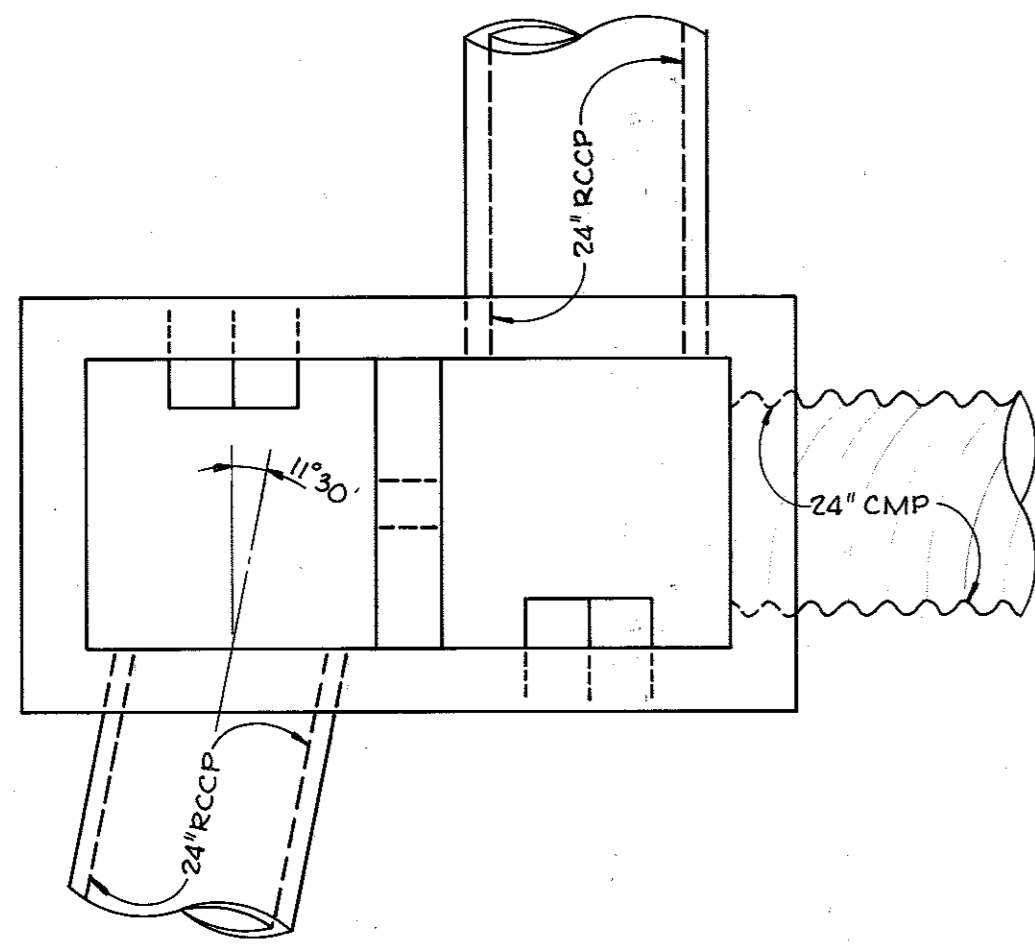
Des By: A.W.R., Scale: 1"=50', Proj No: 0378
Drn By: R.J.W., Date: 5-4-78, Drawing No: 4 OF 7
Chk By: J.K.T., Approved



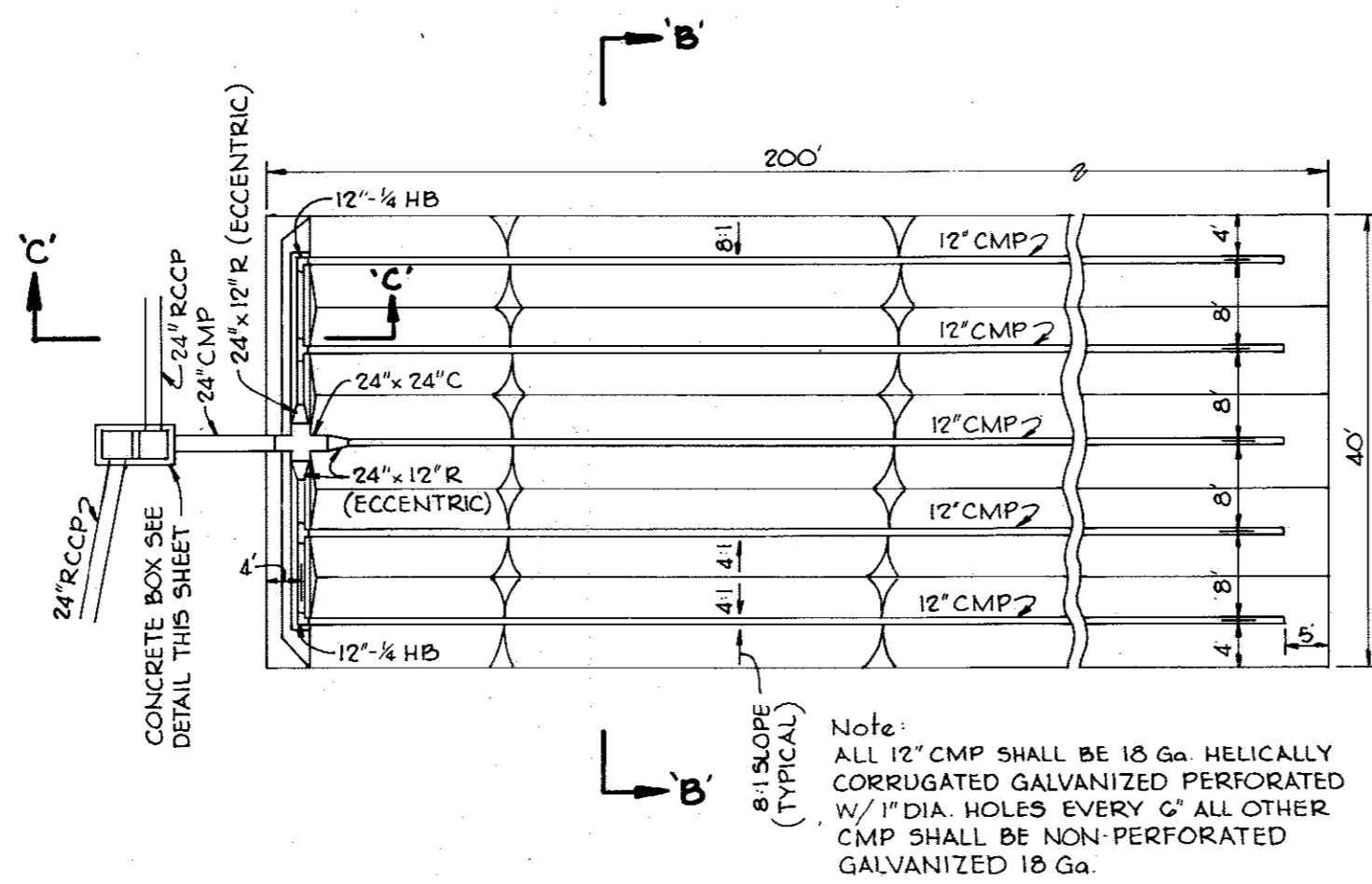
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Scale: 1/2" = 1'-0"



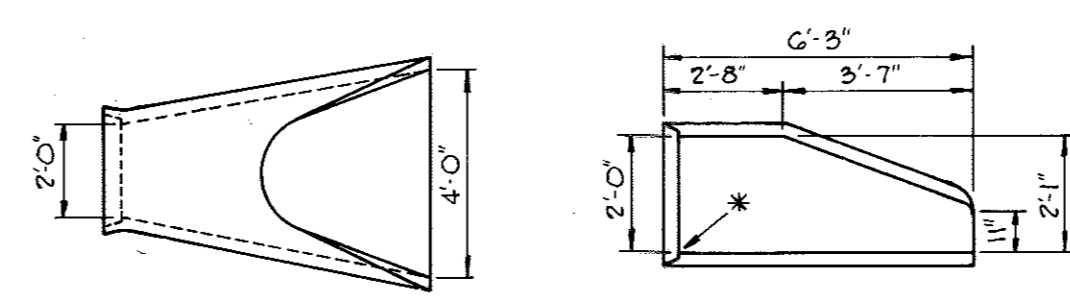
ISOMETRIC



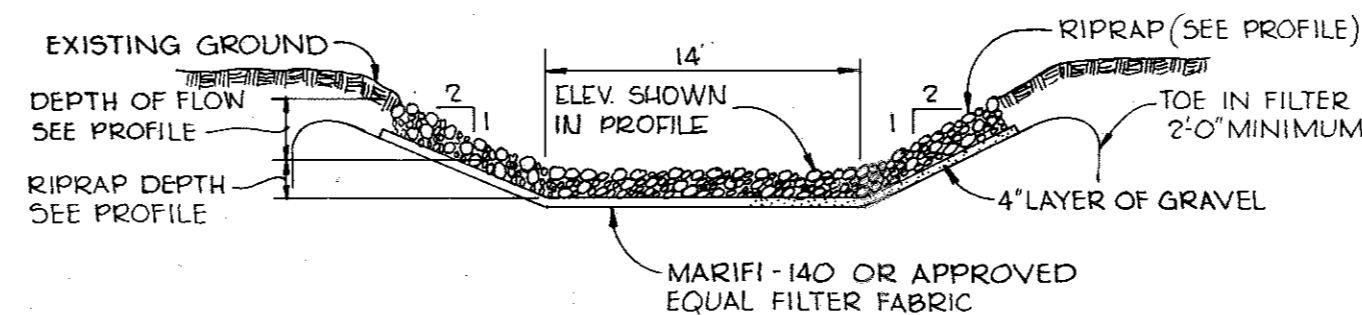
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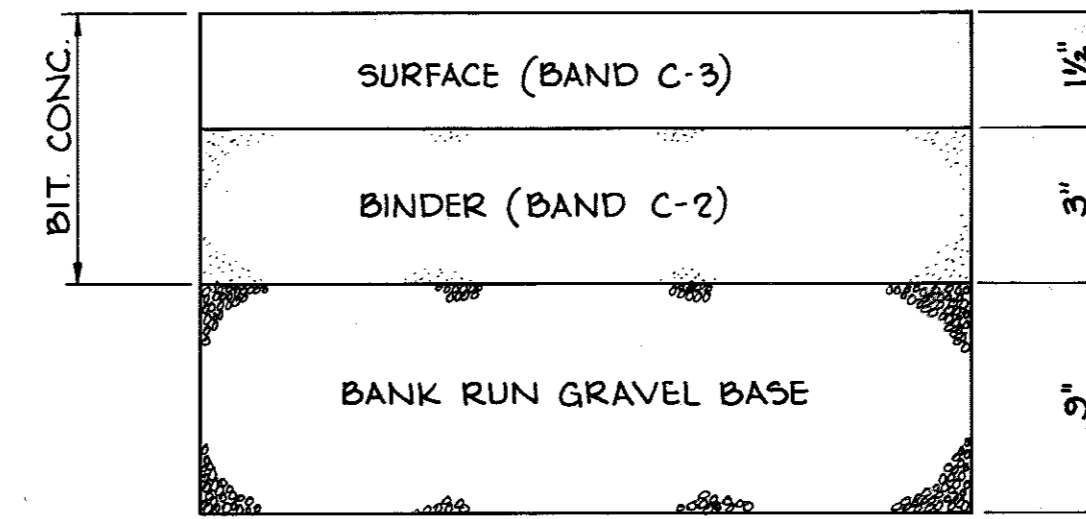
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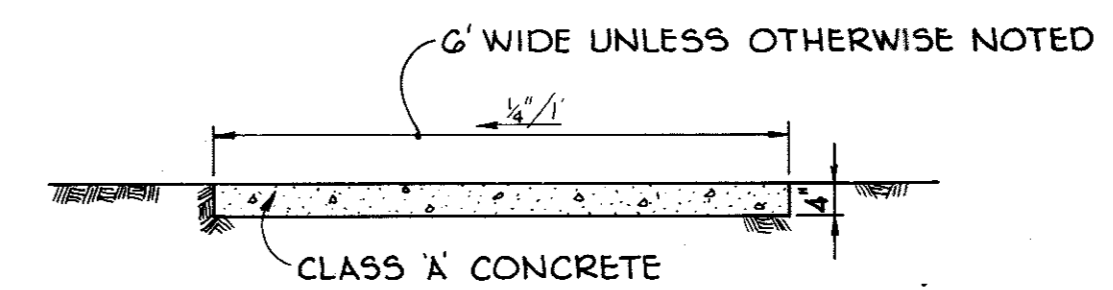
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STANDARD END SECTION
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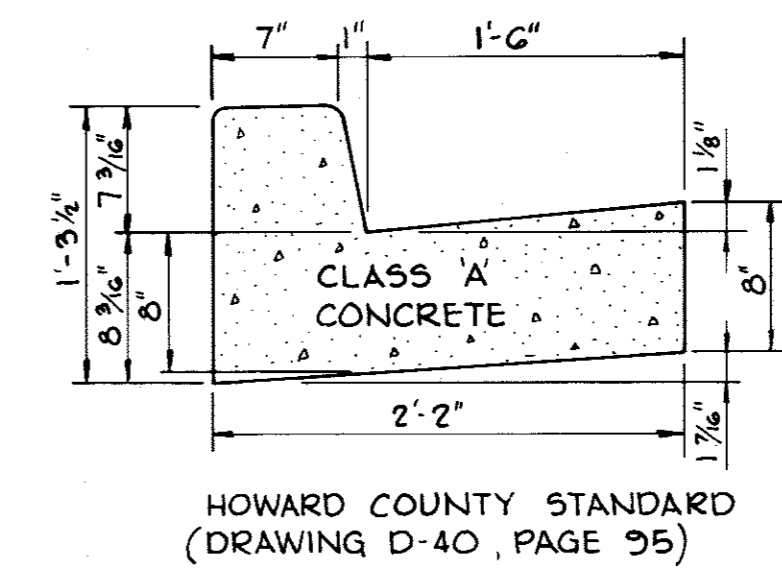
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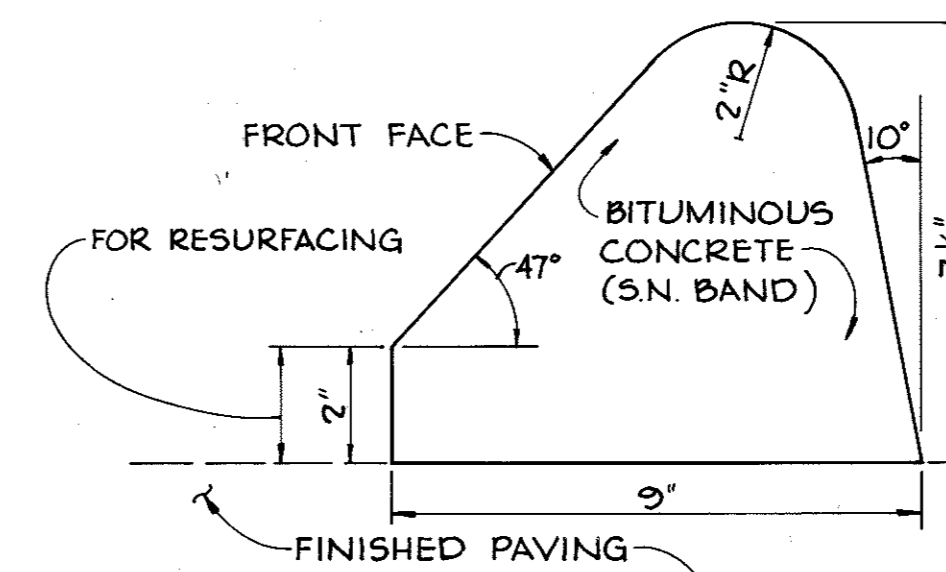
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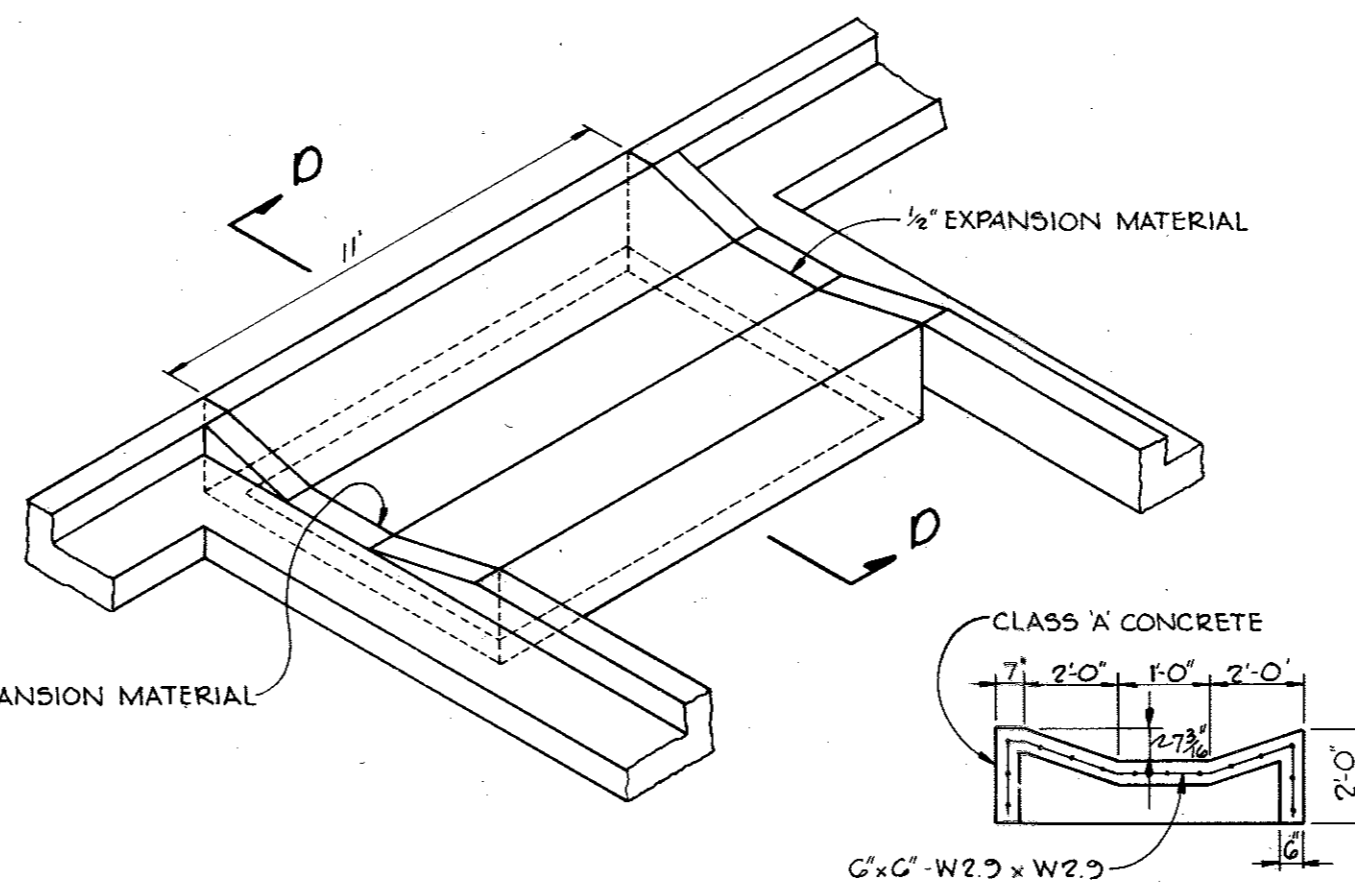
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STANDARD 7\"/>

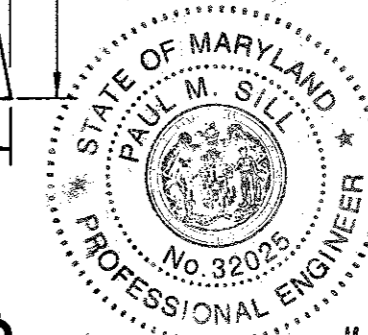


BITUMINOUS CURB
No Scale



ISOMETRIC SECTION D-D
CONCRETE CHANNEL
No Scale

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 6-21-78



5-4-78
Date
James K. Tracy
Professional Engr. No. 8966

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

Richard E. Boylan VP
Signature of Developer Date 4/24/78

CERTIFICATION BY THE ENGINEER:
"I CERTIFY THAT THIS PLAN FOR PONDS, 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".

James K. Tracy
Signature - James K. Tracy Date 5-4-78

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.

W. Wayne Ray
Signature Date 8-9-78
U.S. Soil Conservation Service

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

APPROVED: *Wes Eaker* Howard S.C.D. Date 8-9-78

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF

Richard E. Brudenig Director Date 8/22/78
W. Wayne Ray Chief, Bureau of Engineering Date 8-22-78

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
Thomas L. Hamill Planning Director Date 9-5-78

John M. ... Chief, Division of Land Development Date 9-5-78

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

Joseph ... County Health Officer Date 9-1-78

8-1-1978	RENUMBER SET, NEW OWNER
REVISED AS PER COMMENTS DATED JUNE 21, 1978 & JUNE 22, 1978	
Date	No
Revision Description	

OWNER/DEVELOPER
NEW HOPE KOREAN CHURCH
6001 STEVEN'S FOREST ROAD
COLUMBIA, MD 21045

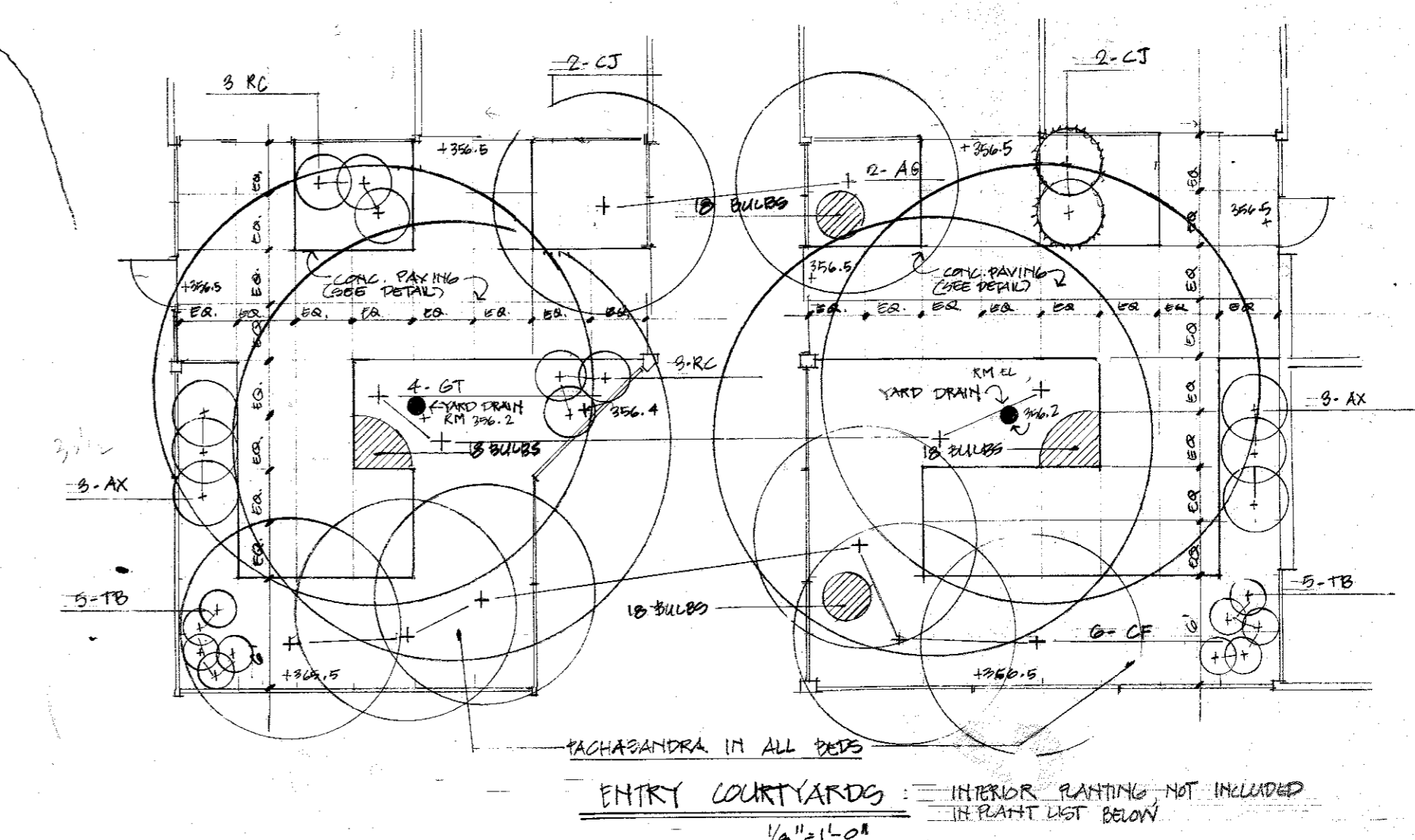
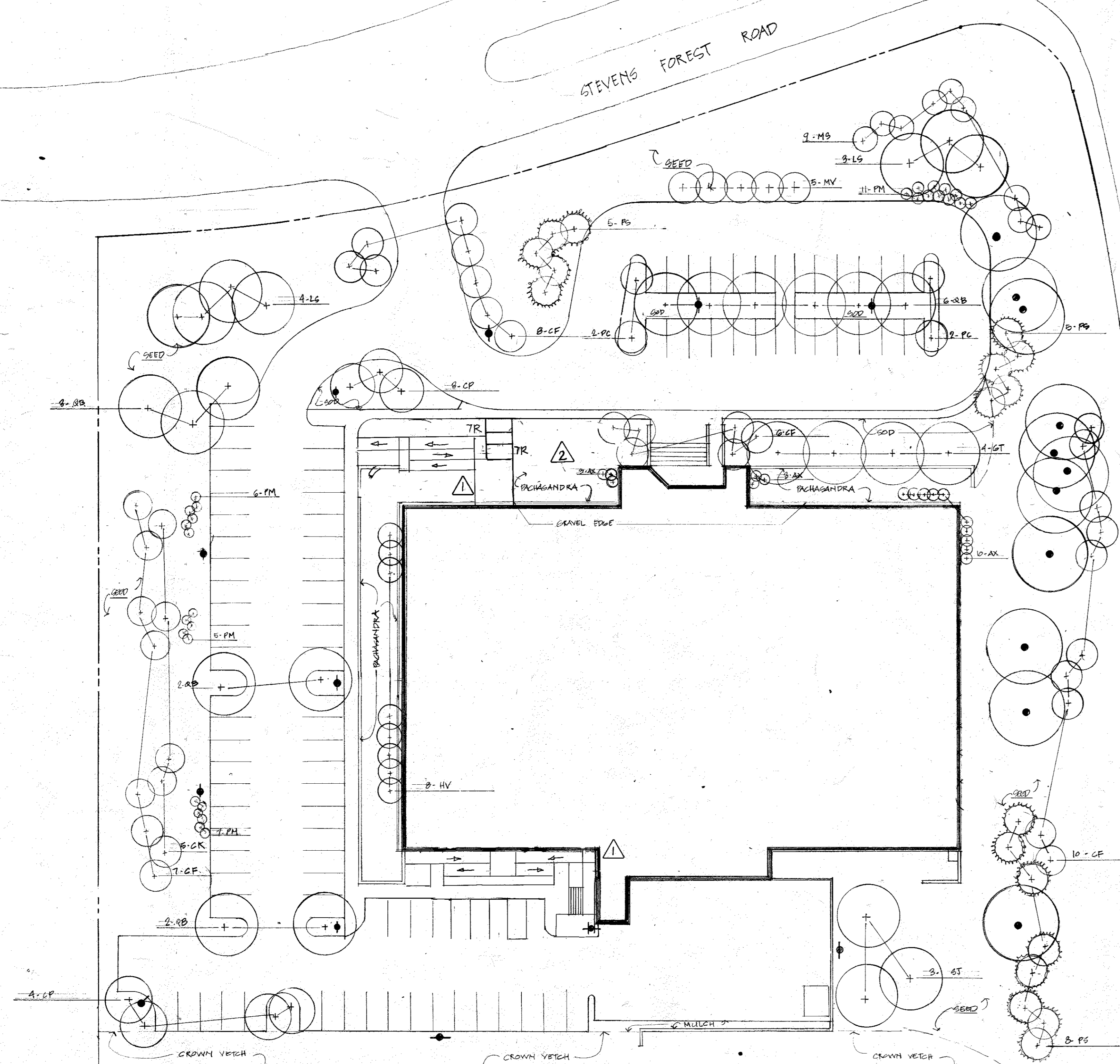
NEW HOPE KOREAN CHURCH
TAX MAP NO. 36, PLAT BOOK NO. 3975
6th Election District, Howard County, Maryland

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

AREA
VILLAGE OF OWEN BROWN
Section 5 Area 1
PARCEL 'D-2'

TITLE
DETAILS

Des By	A.W.R.	Scale	AS SHOWN	Proj No	0378
Drn By	R.J.W.	Date	5-4-78	Drawing No.	5 OF 7
Chk By	J.K.T.	Approved			

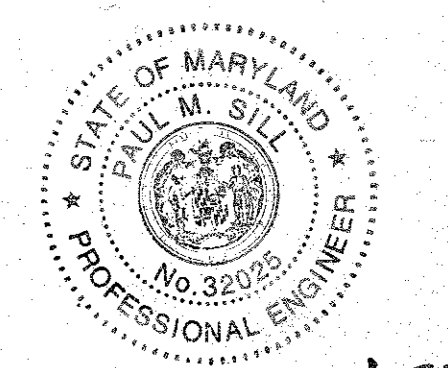


PLANT LIST

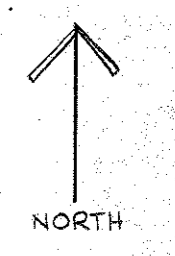
KEY	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	REMARKS
RB	QUERCUS BOREALIS	RED OAK	18	2 1/2" - 3"	MATCHED
BT	GLIEDICIA TRICHANTHOS INERMIS	HONEY LOCUST	4	"	VAR. 'MORAIHE' MATCHED
LB	LIGULIDAMBAR OTTALIFERA	SWEET GUM	7	"	"
PC	PYRUS GALLERIANA BRONFORD	BRADFORD PEAR	4	"	WELL MATCHED, NO BRANCHES SURFACE TO
ST	SOPHORA JAPONICA	JAP. PAGODA TREE	5	"	WELL MATCHED
CR	CORNUS KOUSA	KOUSA DOGWOOD	5	2-2 1/2"	SPECIMEN, HEAVY
CF	CORNUS FLORIDA	FLOWERING DOGWOOD	31	2-2 1/2"	8-10" HGT. SPECIMEN
CP	FRAXINUS PHAENOCORUM	WASHINGTON HAWTHORN	7	"	"
HY	HAMMELIS VERNALIS	VERNAL HAZEL	8	4 1/2"	OPEN BRANCHING
MG	MALUS GARGENTII	SARGENT CRAB APPLE	9	2-2 1/2"	"
MY	MAGNOLIA VIRGINIANA	SWEET BAY	5	2-2 1/2"	MULTI-STEM
PS	PINUS STROBUS	WHITE PINE	10	2-2 1/2"	2-3' HT UNHEADED
AX	PRUNUS HYBRID AZALEA		11	2 1/2"	WHITE, OPEN BRANCHING
PM	PINUS HUBBARDIANA	HUBBARD PINE	25	2 1/2"	DENSE
	PACHANDRA	JAP. SPURGE	1200	2 1/2"	970 G.

KEY:
 ● 200 W. METAL HALPIE
 ○ BLUE

TREE COUNT:
 SHADE TREES REQUIRED = 75
 EXISTING TREES ON SITE = 11
 NEW SHADE TREES = 31
 FLOWERING TREES = 10
 OVERSHAWTS = 10
 TOTAL NEW TREES = 106



FOR REVISION #2, #1 ONLY



REVISE TREE TOTALS	9-16-78
REVISE ENTRANCES	02/11/2016
NO. REVISION	DATE

OWNER AND DEVELOPER
 NEW HOPE KOREAN CHURCH
 6301 STEVENS FOREST ROAD
 COLUMBIA, MD 21045

HORD, COPLAN AND MACHT
 1500 Sulgrave Ave.
 BALTIMORE, MARYLAND 21209
 AREA: VILLAGE OF OWEN BROWN
 Section 5, AREA 1, Parcel D-2
 TAX MAP NO. 36, PLAT BOOK NO. 6756

TITLE: PLANTING PLAN

SCALE: 1" = 30' DATE: 5-4-78 DRAWING NO. G OF 7

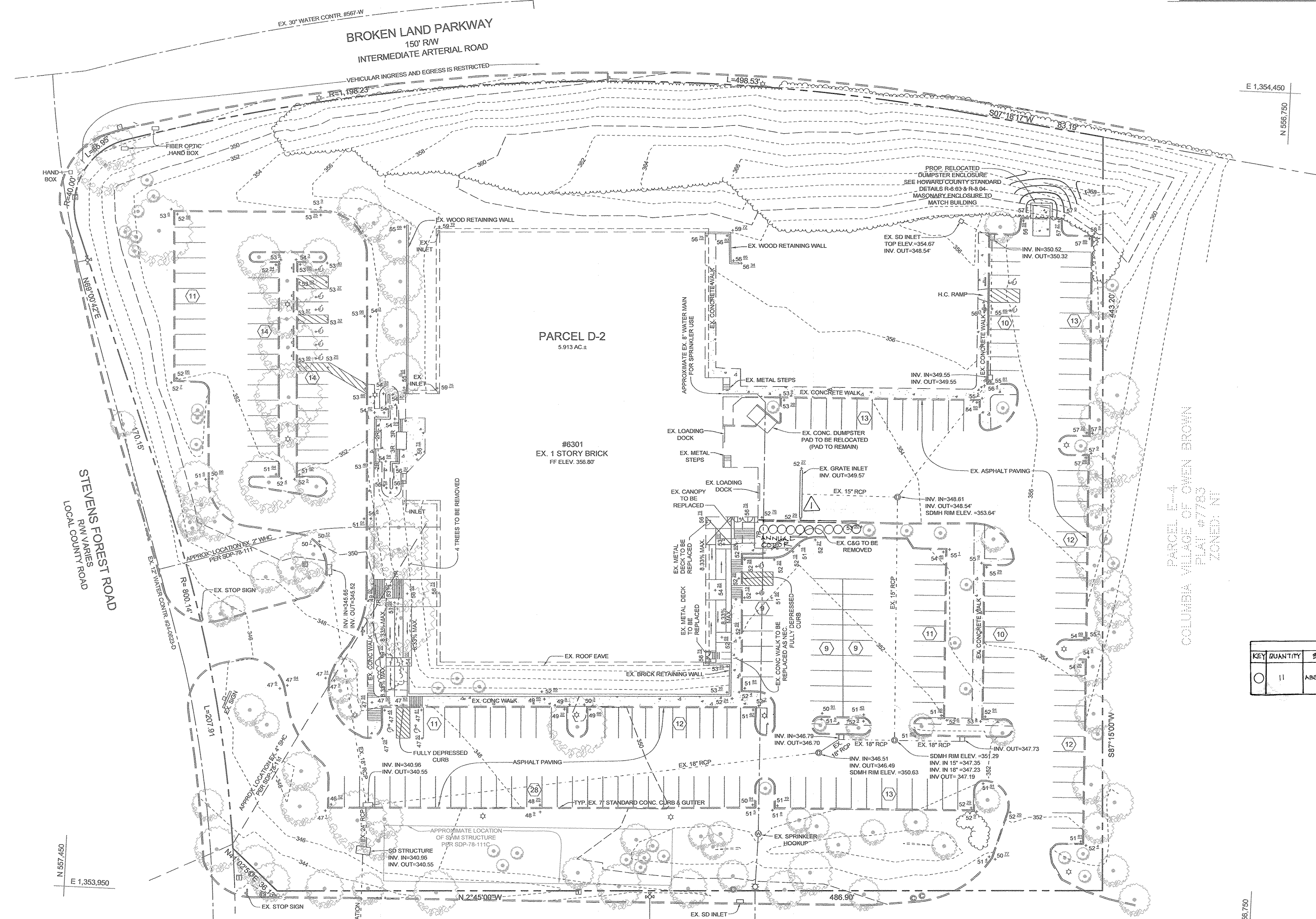
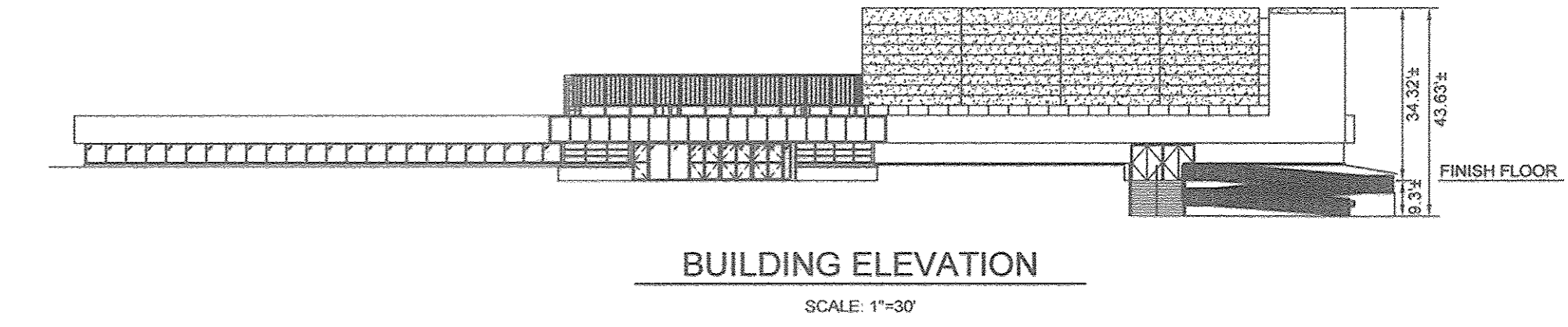
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
 Richard Z. Funderberg 8/22/78
 Director Date
 W.O. Funderberg 8-22-78
 Chief, Bureau of Highways Date

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.
 Thomas J. Harig 9-5-78
 Planning Director Date
 John W. Harig 9-5-78
 Chief, Division of Land Development Date

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
 Joseph M. Jones 9-1-78
 County Health Officer Date

APPROVED
 PLANNING BOARD OF HOWARD COUNTY
 DATE: 6-21-78

SDP-78-111c



OWNER/DEVELOPER
 NEW HOPE KOREAN CHURCH
 6301 STEVENS FOREST ROAD
 COLUMBIA, MD 21045

REVISED SITE DEVELOPMENT PLAN
NEW HOPE KOREAN CHURCH
 6301 STEVENS FOREST ROAD
 PARCEL D-2 PLAT BOOK NO. 6756

TAX MAP 36 GRID 14
 6TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

SILL ENGINEERING GROUP, LLC
 11130 Dovedale Court, Suite 200
 Marriottsville, Maryland 21104
 Phone: 410.325.5076
 Fax: 410.696.2022
 Email: info@sillengineering.com
 Civil Engineering for Land Development

DESIGN BY: PS
 DRAWN BY: PS
 CHECKED BY: PS
 SCALE: AS SHOWN
 DATE: SEPTEMBER 16, 2016
 PROJECT #: 15-030
 SHEET #: 7 of 7

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 32025, EXPIRATION DATE: JUNE 20, 2017

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 [Signature] 9-26-16
 CHIEF, DEVELOPMENT ENGINEERING DIVISION
 [Signature] 10-6-16
 CHIEF, DIVISION OF LAND DEVELOPMENT
 [Signature] 10-7-16
 DIRECTOR

No.	DESCRIPTION	DATE
1	REMOVE SCREENING WALL	06/18/2013

WOODSIDE COURT
 60' RW
 LOCAL COUNTY ROAD

PLAN VIEW
 SCALE: 1"=30'

THE PURPOSE OF THIS REVISED SITE DEVELOPMENT PLAN IS TO SHOW AS-BUILT CONDITIONS PER THE DATE OF THIS PLAN AND REVISED PROPOSED CONDITIONS