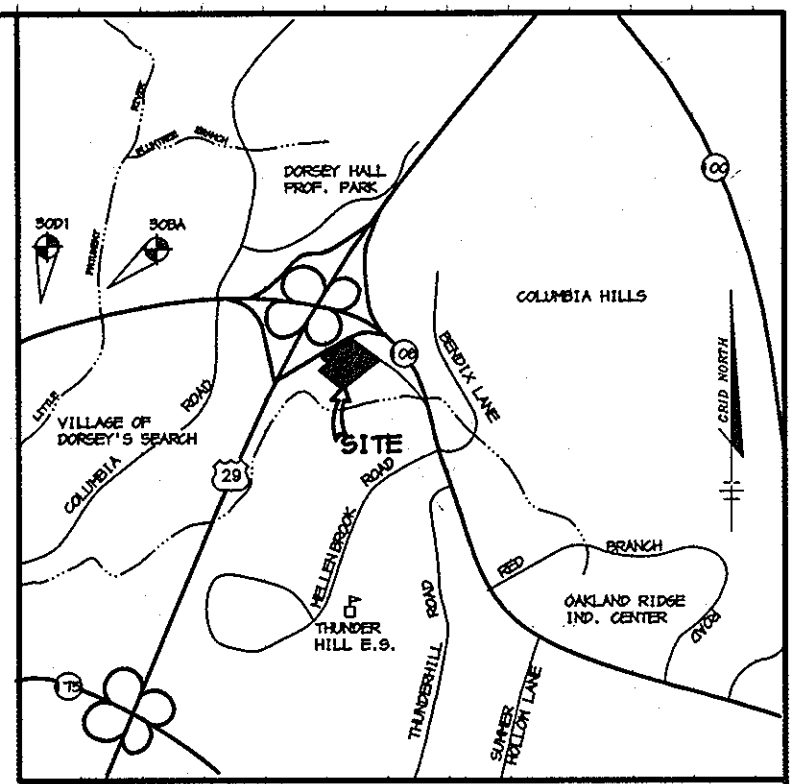


SHEET INDEX	
NO	DESCRIPTION
1	TITLE SHEET
2	EXISTING CONDITIONS, SOILS MAP AND DEMOLITION PLAN
3	SITE DEVELOPMENT PLAN
4	GRADING AND SEDIMENT CONTROL PLAN
5	PHASING PLAN
6	SEDIMENT CONTROL NOTES AND DETAILS
7	PROFILES AND DETAILS
8	LANDSCAPE PLAN

SITE DEVELOPMENT PLAN

FIRST PRESBYTERIAN CHURCH

RELIGIOUS FACILITY



VICINITY MAP

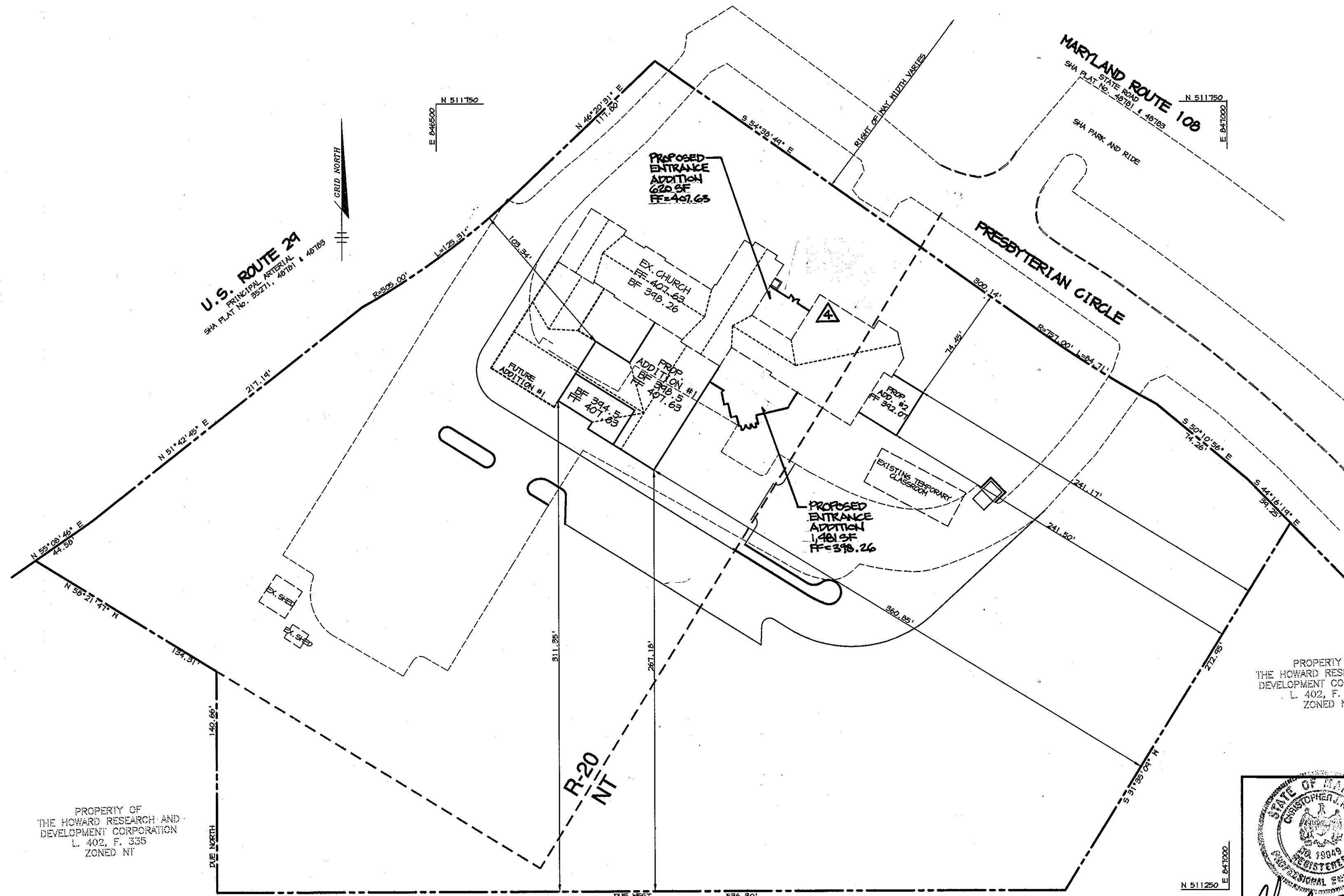
SCALE: 1" = 2000'

6th ELECTION DISTRICT

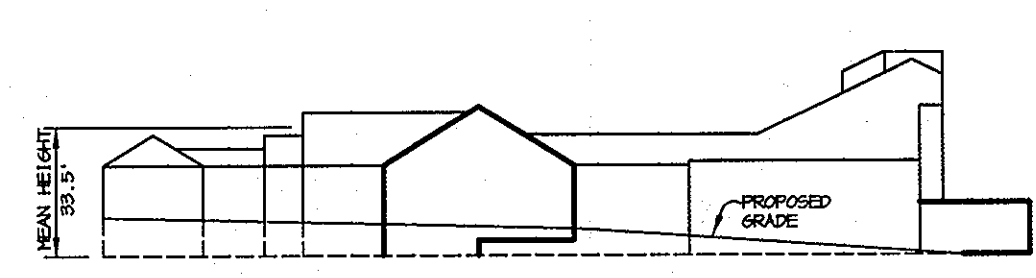
HOWARD COUNTY, MARYLAND

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS, IF APPLICABLE.
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING/CONSTRUCTION INSPECTION DIVISION AT (410) 313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
- THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK BEING DONE.
- TRAFFIC CONTROL DEVICES, MARKINGS, AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT.
- ALL PLAN DIMENSIONS ARE TO FACE OF CURB AND FACE OF BUILDING UNLESS OTHERWISE NOTED.
- THE EXISTING TOPOGRAPHY IS TAKEN FROM FIELD RUN SURVEY WITH MAXIMUM TWO FOOT CONTOUR INTERVALS PREPARED BY RIEMER MUEGGE & ASSOCIATES, INC. DATED MARCH, 1998.
- THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL WHICH IS BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM. HOWARD COUNTY MONUMENT NOS. 3001 AND 300A WERE USED FOR THIS PROJECT.
- WATER IS PUBLIC. CONTRACT NO. 44-1019
- SEWER IS PUBLIC. SEWER DRAINAGE AREA: PATUXENT CONTRACT NO. 157-S.
- STORMWATER QUALITY MANAGEMENT IS PROVIDED BY A STORMCEPTOR MANHOLE.
- 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. EXISTING UTILITIES ARE SHOWN BASED ON THE BEST AVAILABLE INFORMATION.
- A 100-YEAR FLOODPLAIN STUDY IS NOT REQUIRED FOR THIS PROJECT.
- THERE ARE NO WETLANDS ON THIS SITE.
- A TRAFFIC STUDY IS NOT REQUIRED FOR THIS PROJECT.
- A NOISE STUDY IS NOT REQUIRED FOR THIS PROJECT.
- A GEOTECHNICAL STUDY IS NOT REQUIRED FOR THIS PROJECT.
- THE BOUNDARY FOR THIS PROJECT IS BASED ON PREVIOUSLY RECORDED PLAT NOS. 9926.
- SUBJECT PROPERTY ZONED R-20 AND NT PER 10-18-93 COMPREHENSIVE ZONING PLAN.
- ALL ELEVATIONS SHOWN ARE BASED ON THE U.S.C. AND G.S. MEAN SEA LEVEL DATUM, 1929.
- SEE DEPARTMENT OF PLANNING AND ZONING FILE NOS: FDP PHASE 180 (NT ONLY), BA 79-37, BA 97-50E, SDP-80-97, F-80-113.
- THE CONTRACTOR SHALL TEST PIT EXISTING UTILITIES AT LEAST (5) DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS.
- CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, AND SAFETY PRECAUTIONS AND PROGRAMS.
- PIPE SHALL NOT BE INSTALLED BY THE CONTRACTOR UNTIL THE LENGTH CALLED FOR AT EACH STATION HAS BEEN APPROVED BY THE ARCHITECT IN THE FIELD.
- NO PIPE SHALL BE LAID UNTIL LINES OF EXCAVATION HAVE BEEN BROUGHT WITHIN 6" OF FINISHED GRADE.
- ALL STORM DRAIN PIPE BEDDING SHALL BE CLASS 'C' AS SHOWN IN FIG. 11.4, VOLUME 1 OF HOWARD COUNTY DESIGN MANUAL UNLESS OTHERWISE NOTED.
- ALL INLETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HOWARD COUNTY STANDARDS.
- ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
- PROFILES STATIONS SHALL BE ADJUSTED AS NECESSARY TO CONFORM TO PLAN DIMENSIONS.
- ALL FILL AREAS WITHIN ROADWAY AND UNDER STRUCTURES TO BE COMPACTED TO A MINIMUM OF 95% COMPACTION OF AASHTO T190.
- SPECIAL EXCEPTION BA 97-50E CASE WAS APPROVED JANUARY 15, 1998.
- BA 97-50E APPROVAL CONDITIONS:
 - THE SPECIAL EXCEPTION SHALL APPLY ONLY TO THE PROPOSED 18,900 SQUARE FOOT ADDITION TO THE EXISTING CHURCH BUILDING, AND THE REDUCTION IN ON-SITE PARKING TO NO FEWER THAN 84 PARKING SPACES, ALL AS DEPICTED ON THE AMENDED SPECIAL EXCEPTION, SUBMITTED AS EXHIBIT 1, AND TO NO OTHER STRUCTURES, ADDITIONS, BUILDINGS OR USES.
 - THE PETITIONER SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND COUNTY LAWS AND REGULATIONS.
 - UPON THE ISSUANCE OF A FINAL USE AND OCCUPANCY PERMIT FOR THE ADDITION BY THE DEPARTMENT OF INSPECTIONS, LICENCES AND PERMITS, THE MODULAR CLASSROOM TRAILERS SHALL BE REMOVED FROM THE SUBJECT PROPERTY.
 - THE PETITIONER SHALL INSTALL LANDSCAPE BUFFERS AS REQUIRED BY THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS.
 - ANY EXTERIOR LIGHTING WHICH IS INSTALLED SHALL COMPLY WITH SECTION 134 OF THE ZONING REGULATIONS.
 - SHOULD THE AGREEMENT BETWEEN THE PETITIONER AND THE MARYLAND STATE HIGHWAY ADMINISTRATION WHICH GRANTS THE PETITIONER USE OF THE ADJACENT PARK AND RIDE FACILITY ON SUNDAYS BE RENDERED VOID FOR ANY REASON, THE PETITIONER SHALL INSTALL 14 ADDITIONAL PARKING SPACES ON THE SUBJECT PROPERTY.
- CONTRACTOR TO HAVE ALL HOWARD COUNTY DESIGN MANUALS (VOLUMES 1-4) AND THE LATEST MUTCD MANUAL IN THE CONSTRUCTION TRAILER.



PLAN
SCALE: 1" = 50'



BUILDING ELEVATION
SCALE: 1" = 50'

SITE ANALYSIS

AREA OF PARCEL	2.90 AC.
ZONED NT	3.06 AC.
TOTAL AREA	5.96 ACRES (259,784 SF)
DISTURBED AREA	1.99 ACRES (86,853 SF)
PRESENT ZONING	NT AND R-20
EXISTING USE	RELIGIOUS FACILITY / CLASSROOM
PROPOSED USE	RELIGIOUS FACILITY / CLASSROOM
BUILDING COVERAGE PROVIDED	
EX. BUILDING	10,277 SF
PROP. ADDITION #1	5,000 SF
FIRST FLOOR	5,000 SF
SECOND FLOOR	5,000 SF
PROP. ADDITION #2	900 SF
FIRST FLOOR	900 SF
TOTAL AREA	18,278 SF* (7% OF SITE) *EXCLUDING 2ND FLOOR
BUILDING COVERAGE ALLOWED	64,946 SF (25%)
R-20 ZONING MAXIMUM BUILDING COVERAGE = 25%	
EX. BUILDING	9,308 SF
PROP. ADDITION #1	5,000 SF
FUTURE ADDITION	3,352 SF
TOTAL AREA	17,660 SF (13%)
NT ZONING MAXIMUM BUILDING COVERAGE = 10%	
EX. BUILDING	969 SF
PROP. ADDITION #2	900 SF
TOTAL AREA	1,869 SF (1.5%)
# OF PARKING SPACES REQUIRED	
292 SEATS FOR WORSHIP	
50 SEATS FOR OVERFLOW	
1 SP./3 SEATS	98 SPACES REQUIRED
# OF PARKING SPACES PROVIDED	94 SPACES PROVIDED (INCL. 4 HC.)*

* IN ACCORDANCE WITH BA 97-50E THE CHURCH WILL USE THE 99 SPACE PARK AND RIDE FACILITY ON SUNDAYS TO MEET THE REQUIRED PARKING.

PROPERTY OF THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION
L. 402, F. 335
ZONED NT

AS BUILT CERTIFICATE

THIS SEAL ONLY APPLIES TO REVISIONS DATED 3-3-11

Christopher J. Reid # 19949 11-15-99 DATE

ADDRESS CHART

PARCEL	STREET ADDRESS
138 & 284	9325 PRESBYTERIAN CIRCLE

PLAT # - 4626	BLK # - 10	ZONING - R-20	TAX MAP NO. - 30	ELECT. DIST. - 6th	GENUS TRACT - 6066.01
WATER CODE -			SEWER CODE -		

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

Director: *[Signature]* 5/7/99 DATE

Chief, Development Engineering Division: *[Signature]* 4/20/99 DATE

Chief, Division of Land Development: *[Signature]* 4/30/99 DATE

3-3-11 4 REVERSE BULK ENTRANCE ADDITION & SITE ANALYSIS

6-13-08 3 ADDED BULK ENTRANCE ADDITION & REV. SITE ANALYSIS

DATE NO. REVISION

OWNER/DEVELOPER

FIRST PRESBYTERIAN CHURCH
9325 PRESBYTERIAN CIRCLE
COLUMBIA, MARYLAND 21045
410-715-4481

PROJECT FIRST PRESBYTERIAN CHURCH RELIGIOUS FACILITY A BUILDING ADDITION

AREA

TAX MAP 30 ZONED NT & R-20 PARCEL 138 & 284
6th ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

TITLE TITLE SHEET

RIEMER MUEGGE & ASSOCIATES, INC.
ENGINEERING • ENVIRONMENTAL SERVICES • PLANNING • SURVEYING
8818 Centre Park Drive, Columbia, Maryland 21045
tel 410.997.8900 fax 410.997.9282

DATE

DESIGNED BY: CJR

DRAWN BY: DAM

PROJECT NO: 97282/SDP SDP1.DWG

DATE: APRIL 21, 1999

SCALE: AS SHOWN

DRAWING NO. 1 OF 8



ARTHUR E. MUEGGE #8707



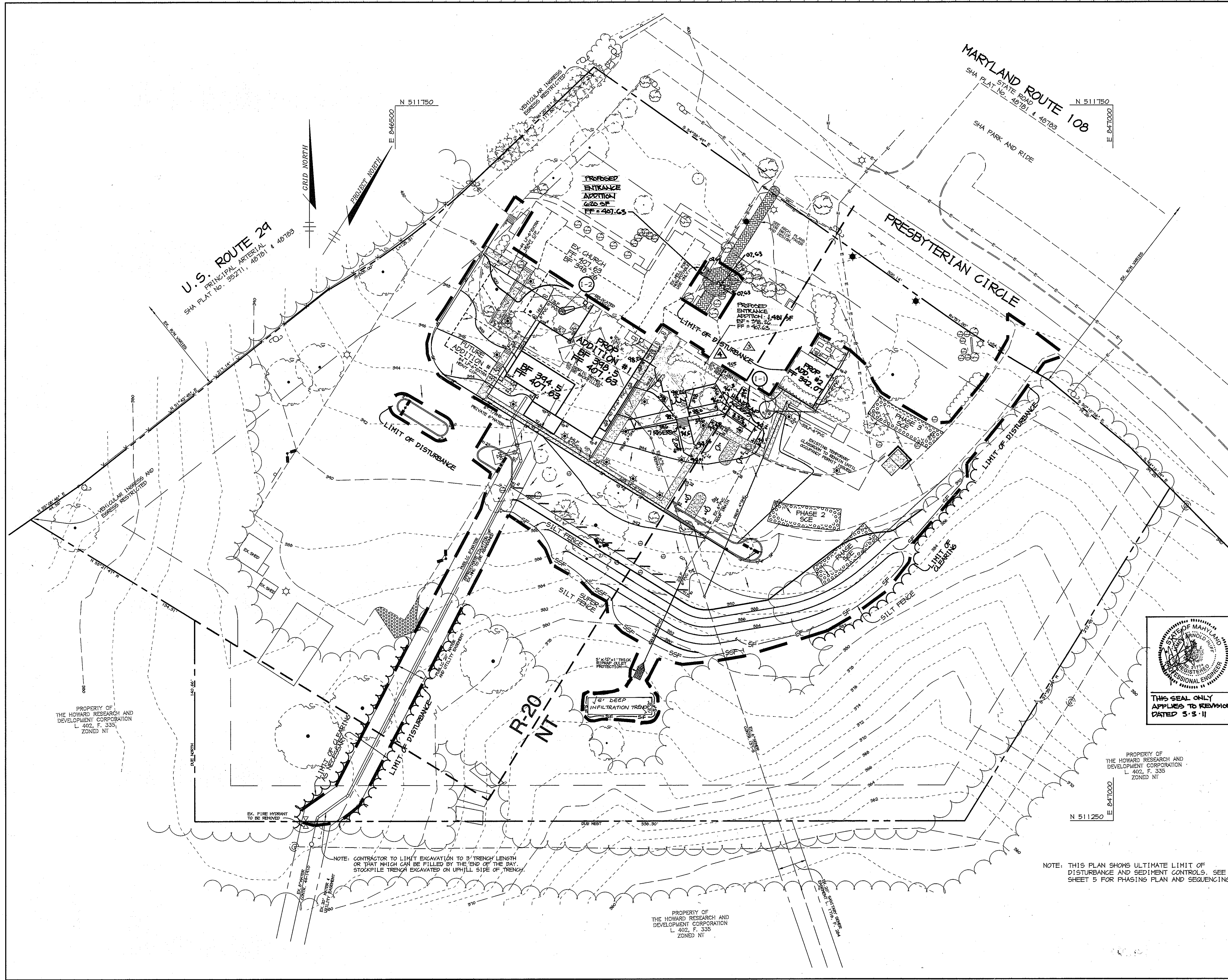
NOTE: SEE PHASING PLAN AND SEQUENCING OF CONSTRUCTION PRIOR TO DEMOLITION.

LEGEND

- SIDEWALK TO BE REMOVED
- PAVING TO BE REMOVED
- G1C2 SOIL LINES
- G1B2 SOIL LINES
- EX. TREES (SIZE VARIES)
- EX. EVERGREEN (SIZE VARIES)
- EX. SHRUB (SIZE VARIES)
- EX. TREES (SIZE VARIES)

BUILT CERTIFICATE	
 CHRISTOPHER J. REID # 19949 <i>Christopher J. Reid</i>	11.15.99 DATE
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.	
<i>David Smith</i> DIRECTOR	5/17/99 DATE
<i>Wm. Dammann</i> CHIEF, DEVELOPMENT ENGINEERING DIVISION	4/26/99 DATE
<i>Cindi Hamilton</i> CHIEF, DIVISION OF LAND DEVELOPMENT	4/26/99 DATE
DATE NO.	REVISION
OWNER/DEVELOPER	
FIRST PRESBYTERIAN CHURCH 9325 PRESBYTERIAN CIRCLE COLUMBIA, MARYLAND 21045 410-715-4981	
PROJECT FIRST PRESBYTERIAN CHURCH RELIGIOUS FACILITY A BUILDING ADDITION	
AREA TAX MAP 30 ZONED NT & R-20 PARCEL 136 & 284 6th ELECTION DISTRICT, HOWARD COUNTY, MARYLAND	
TITLE EXISTING CONDITIONS, SOILS MAP AND DEMOLITION PLAN	
RIEMER MUEGGE & ASSOCIATES, INC. ENGINEERING • ENVIRONMENTAL SERVICES • PLANNING • SURVEYING 8818 Centre Park Drive, Columbia, Maryland 21045 tel 410.997.8900 fax 410.997.9282	
DATE  ARTHUR E. MUEGGE #8707	DESIGNED BY: CJR DRAWN BY: DAM PROJECT NO: 97282/SDP DATE: APRIL 21, 1999 SCALE: 1" = 30' DRAWING NO. 2 OF 8

N:\PROJECT\97282\SDP\SDP2 Wed Apr 21 12:47:42 1999 RIEMER MUEGGE & ASSOCIATES, INC.



3-3-11 4 REVISE BUILDING ENTRANCE ADDITION

STATE OF MARYLAND
 REGISTERED PROFESSIONAL ENGINEER
 Christopher J. Reid
 DATE 11.15.99
 CHRISTOPHER J. REID #19949

BY THE DEVELOPER:
 I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT.
 CLAREN F. HALE
 DEVELOPER 4.21.99 DATE

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.
 ARTHUR E. MUEGGE
 ENGINEER 4.21.99 DATE

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

CLAY SIMMONS
 NATURAL RESOURCES CONSERVATION SERVICE 4/26/99 DATE

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

JOHN R. ROBERTSON
 HOWARD SOIL CONSERVATION DISTRICT 4/26/99 DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
 JAMES S. SMITH
 DIRECTOR 5/7/99 DATE

ARTHUR E. MUEGGE
 CHIEF, DEVELOPMENT ENGINEERING DIVISION 4/26/99 DATE

CINDY HAMMILL
 CHIEF, DIVISION OF LAND DEVELOPMENT 4/26/99 DATE

6-13-08 3 ADDED BLDG ENTRANCE ADDITION
 6/14/99 A MODIFY LOD & SILT FENCE, ADD INFILTRATION TRENCH

OWNER/DEVELOPER
 FIRST PRESBYTERIAN CHURCH
 9325 PRESBYTERIAN CIRCLE
 COLUMBIA, MARYLAND 21045
 410-715-4481

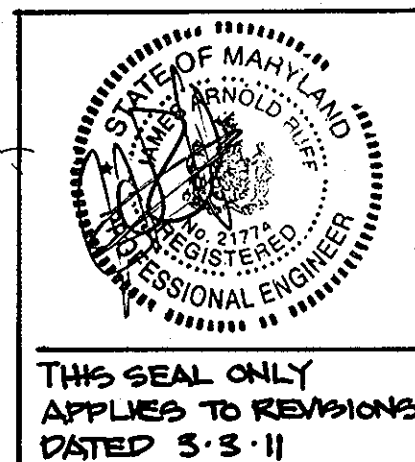
PROJECT FIRST PRESBYTERIAN CHURCH RELIGIOUS FACILITY A BUILDING ADDITION

AREA
 TAX MAP 30 ZONED NT & R-20 PARCEL 138 & 284
 6TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

TITLE
 GRADING AND SEDIMENT CONTROL PLAN

RIEMER MUEGGE & ASSOCIATES, INC.
 ENGINEERING • ENVIRONMENTAL SERVICES • PLANNING • SURVEYING
 8818 Centre Park Drive, Columbia, Maryland 21045
 tel 410.997.8900 fax 410.997.9282

DATE
 DESIGNED BY: CJR
 DRAWN BY: DAM
 PROJECT NO: SDP4.DWG
 DATE: APRIL 21, 1999
 SCALE: 1" = 30'
 DRAWING NO. 4 OF 8
 ARTHUR E. MUEGGE #8707



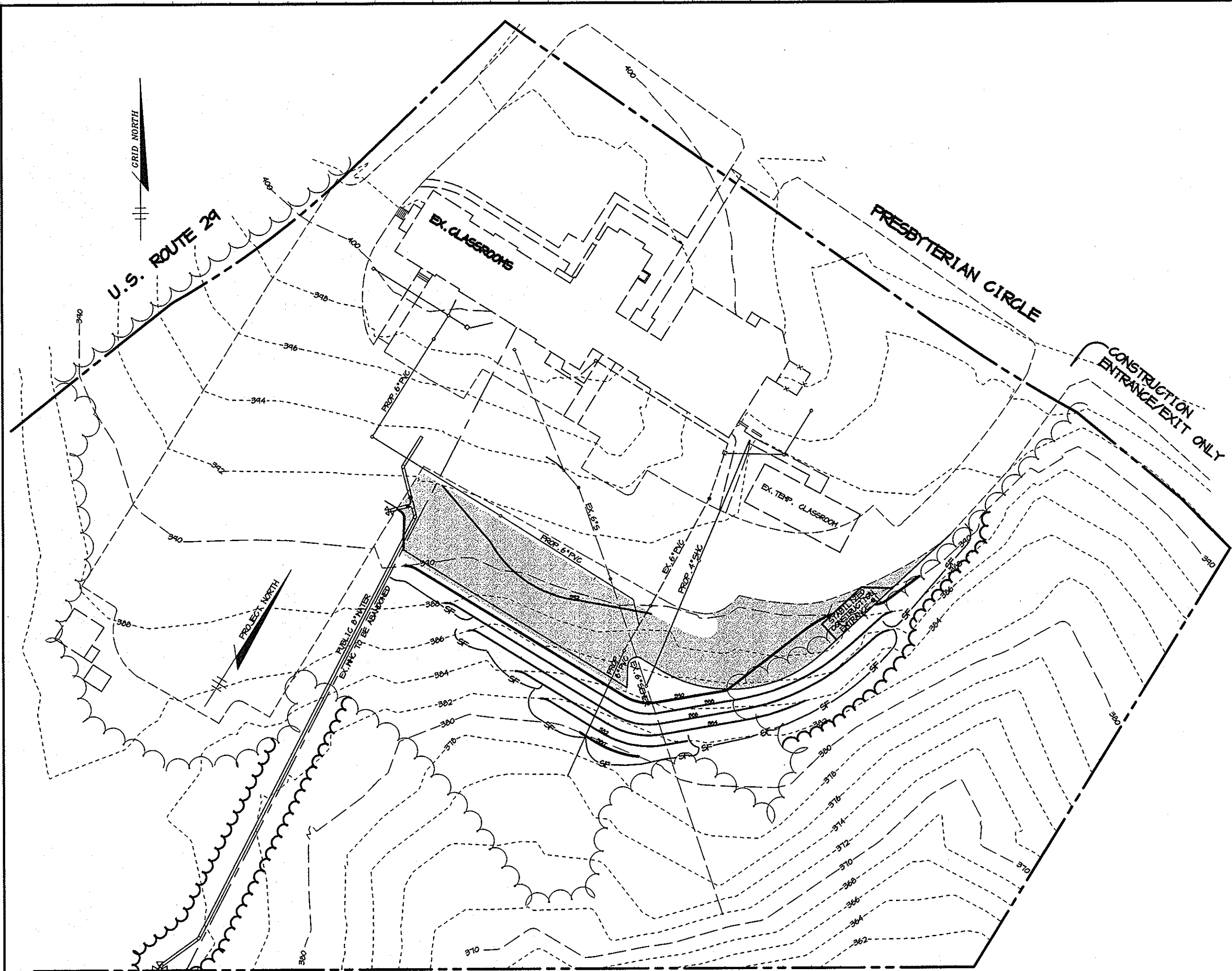
PROPERTY OF THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION
 L 402, F 335
 ZONED NT

NOTE: THIS PLAN SHOWS ULTIMATE LIMIT OF DISTURBANCE AND SEDIMENT CONTROLS. SEE SHEET 5 FOR PHASING PLAN AND SEQUENCING.

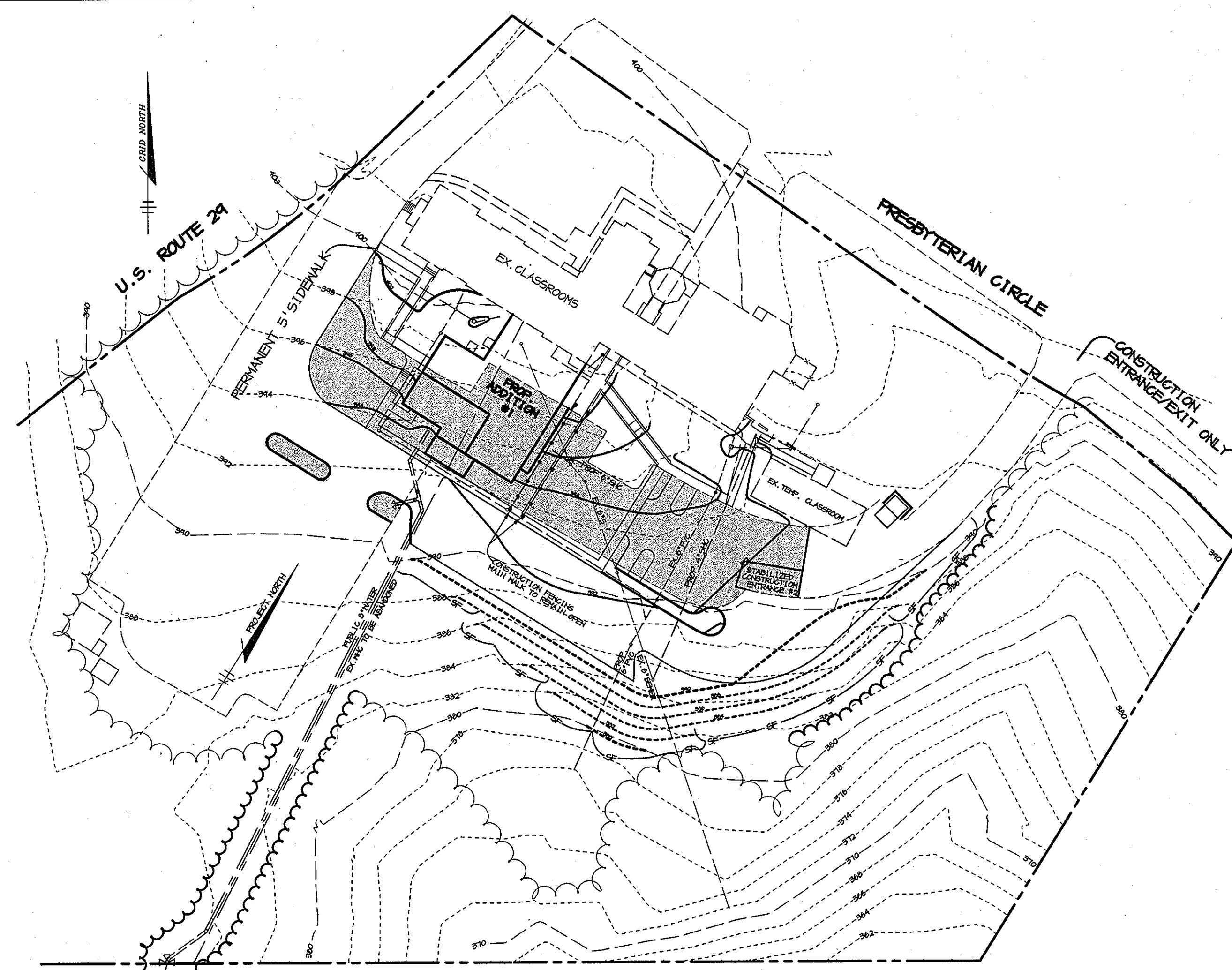
NOTE: CONTRACTOR TO LIMIT EXCAVATION TO 3' TRENCH LENGTH OR THAT WHICH CAN BE FILLED BY THE END OF THE DAY. STOCKPILE TRENCH EXCAVATED ON UPHILL SIDE OF TRENCH.

PROPERTY OF THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION
 L 402, F 335
 ZONED NT

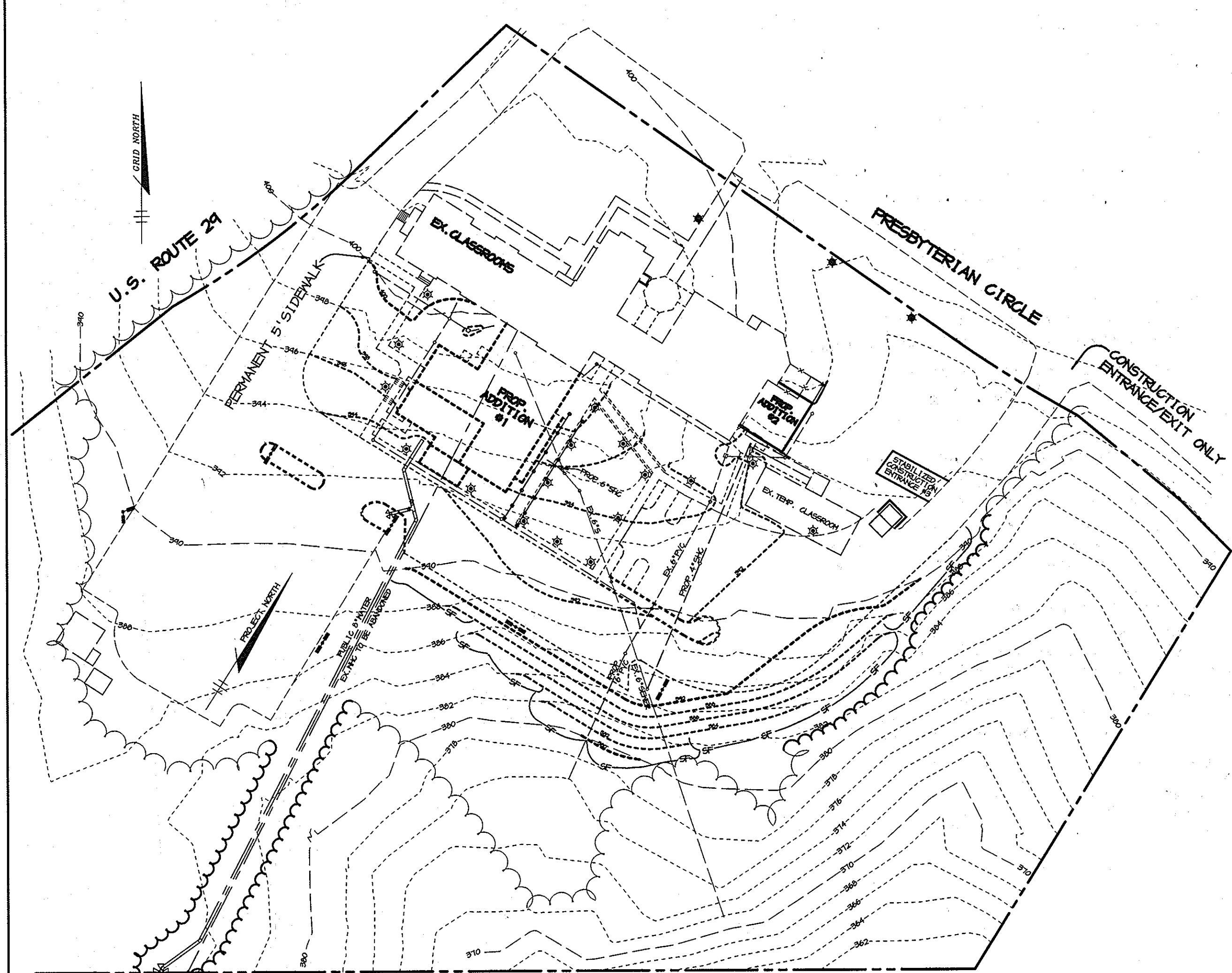
M:\PROJECT\197282\SDP4 Rev 04p 21.12.42.21 1999 RIEMER MUEGGE & ASSOCIATES, INC.



PHASE 1
SCALE: 1" = 50'



PHASE 2
SCALE: 1" = 50'



PHASE 3
SCALE: 1" = 50'

PHASE 1 - SEQUENCE OF CONSTRUCTION

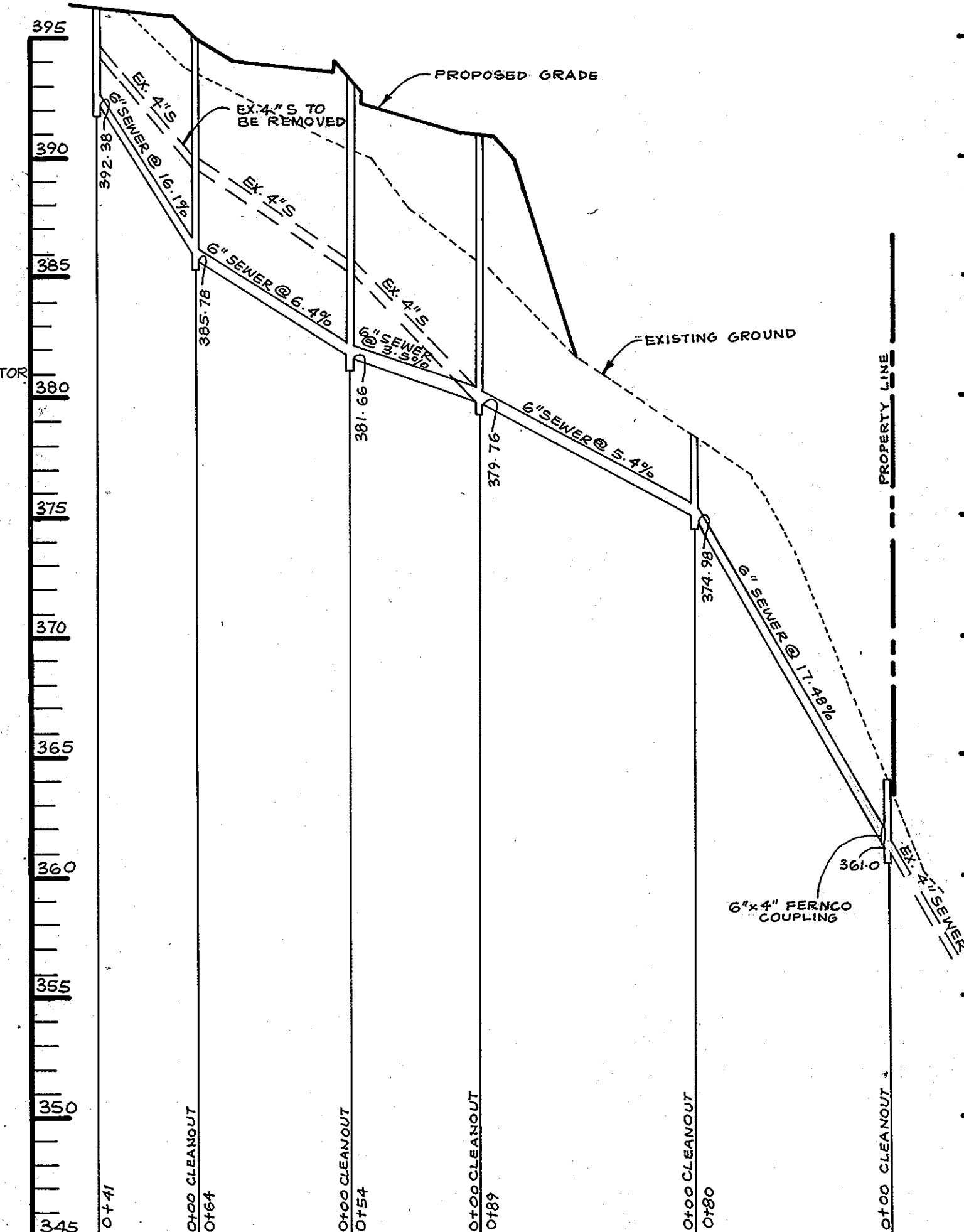
1. OBTAIN GRADING PERMIT.
2. THE EXISTING DOORWAYS & TRAVELWAYS SHALL REMAIN ACCESSIBLE AT ALL TIMES DURING PHASE 1.
3. CONTRACTOR TO INSTALL STABILIZED CONSTRUCTION ENTRANCE #1 AND SILT FENCE. (2 DAYS)
4. INSTALL WATER, SEWER AND STORM DRAINS THROUGH PHASE 1 WORK AREA.
5. ROUGH GRADE TO PAVING SUBGRADE (BITUMINOUS BASE COURSE). CONTRACTOR TO ENSURE THAT EXCAVATION FOR BUILDING #1 CAN BE USED ON SITE BY NOT HAULING IN ALL FILL DIRT. PERFORM BASE PAVING. (5 DAYS)

PHASE 2 - SEQUENCE OF CONSTRUCTION

1. CONSTRUCT PERMANENT 5' WIDE SIDEWALKS AS NECESSARY TO ACCESS ENTRANCES DURING CONSTRUCTION.
2. IF CONTRACTOR NEEDS TO INSTALL TEMPORARY ACCESS WALKS MATERIAL SHALL BE BITUMINOUS CONCRETE.
3. INSTALL STABILIZED CONSTRUCTION ENTRANCE #2. (1/2 DAY)
4. REMOVE EXISTING PARKING LOT AND DRIVE LANE WHILE MAINTAINING TRAFFIC AROUND CHURCH VIA NEW PHASE 1 PAVING.
5. CONSTRUCT BUILDING ADDITION #1. SEE PHASE 3 SEQUENCE FOR START OF ADDITION #2. EXTEND UTILITIES AS NECESSARY.
6. ROUGH GRADE TO PAVING SUBGRADE. PERFORM BASE PAVING. (5 DAYS)
7. COMPLETE BUILDING CONSTRUCTION AND THEN FINALIZE SIDEWALK CONSTRUCTION.

PHASE 3 - SEQUENCE OF CONSTRUCTION

1. INSTALL STABILIZED CONSTRUCTION ENTRANCE #3. (1/2 DAY)
2. CONSTRUCT BUILDING ADDITION #2 UPON COMPLETION OF EXCAVATION AND FOUNDATION FOR BUILDING #1.
3. AFTER ADDITION #2 IS COMPLETED, INSTALL SURFACE PAVING. (1 DAY)
4. INSTALL LIGHTS AND LANDSCAPING. (5 DAYS)
5. FINE GRADE SITE INCLUDING TOPSOIL. (2 DAYS)
6. STABILIZE DISTURBED AREAS IN ACCORDANCE WITH THE PERMANENT SEEDING NOTES. (1 DAY)
7. UPON APPROVAL OF THE HOWARD COUNTY DILP SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROL DEVICES AND STABILIZE REMAINING AREAS IN ACCORDANCE WITH THE PERMANENT SEEDING NOTES. (2 DAYS)



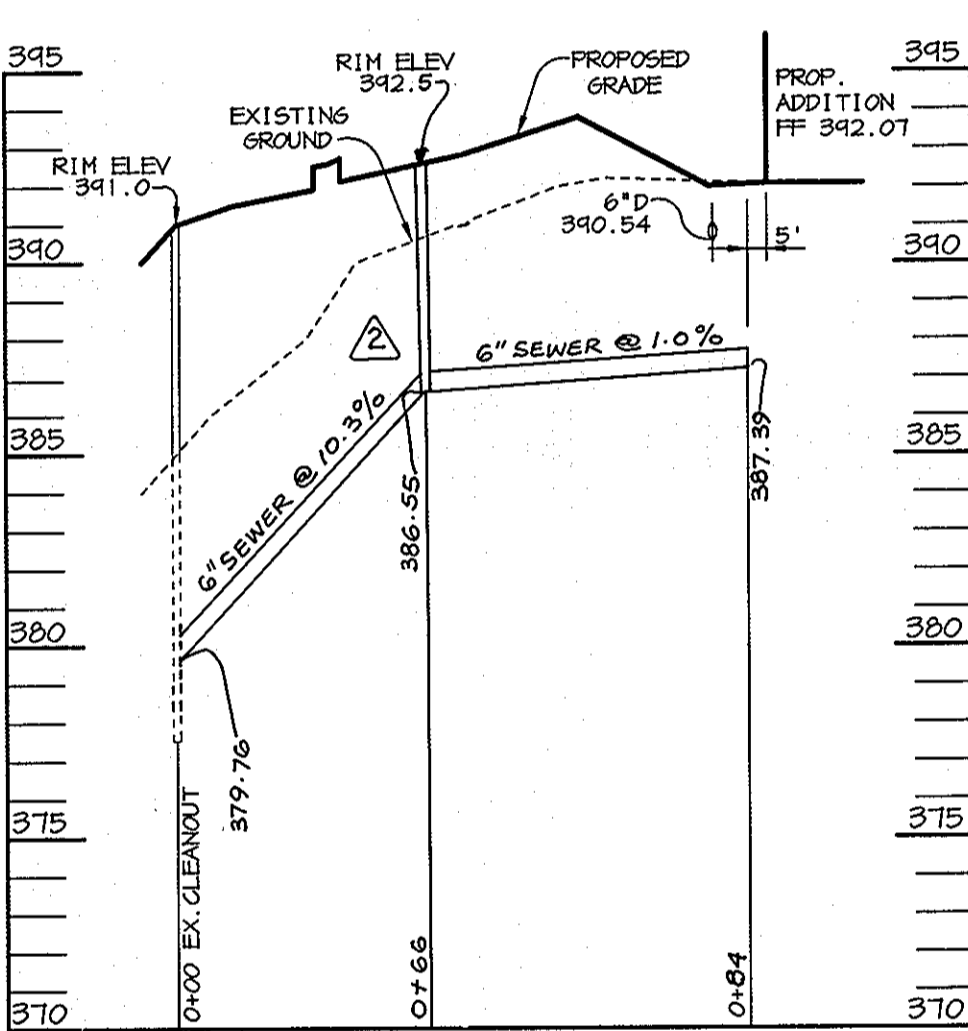
SEWER PROFILE
HOR. 1" = 50'
SCALE: VERT. 1" = 5'

CHRISTOPHER J. REID #19949 DATE: 11-15-99	
BY THE DEVELOPER : I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT.	
DEVELOPER: <i>Alan Hale</i> DATE: 4-21-99	
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.	
ENGINEER: <i>Michael Anway</i> DATE: 4-21-99	
THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.	
REVIEWER: <i>Cleof Simmons</i> DATE: 4/26/99 NATURAL RESOURCES CONSERVATION SERVICE	
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.	
APPROVED: <i>John R. Robertson</i> DATE: 4/26/99 HOWARD SOIL CONSERVATION DISTRICT	
APPROVED : HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.	
DIRECTOR: <i>Leslie Smith</i> DATE: 5/7/99	
CHIEF, DEVELOPMENT ENGINEERING DIVISION: <i>William Jammann</i> DATE: 4/26/99	
CHIEF, DIVISION OF LAND DEVELOPMENT: <i>David J. Smith</i> DATE: 4/26/99	
11-01-99/2 ADDED SEWER PROFILE DATE NO. REVISION	
OWNER/DEVELOPER FIRST PRESBYTERIAN CHURCH 9325 PRESBYTERIAN CIRCLE COLUMBIA, MARYLAND 21045 410-715-4981	
PROJECT FIRST PRESBYTERIAN CHURCH RELIGIOUS FACILITY A BUILDING ADDITION	
AREA TAX MAP 30 ZONED NT & R-20 PARCEL 130 & 284 6th ELECTION DISTRICT, HOWARD COUNTY, MARYLAND	
TITLE PHASING PLAN	
RIEMER MUEGGE & ASSOCIATES, INC. ENGINEERING • ENVIRONMENTAL SERVICES • PLANNING • SURVEYING 8818 Centre Park Drive, Columbia, Maryland 21045 tel 410.997.8900 fax 410.997.9282	
DATE: _____	
DESIGNED BY : CJR DRAWN BY: DAM PROJECT NO : 97282/SDP SDP6.DWG DATE : APRIL 21, 1999 SCALE : 1" = 50' DRAWING NO. 5 OF 8	
ARTHUR E. MUEGGE #8707 AS-BUILT SDP-99-41 11/16/99	

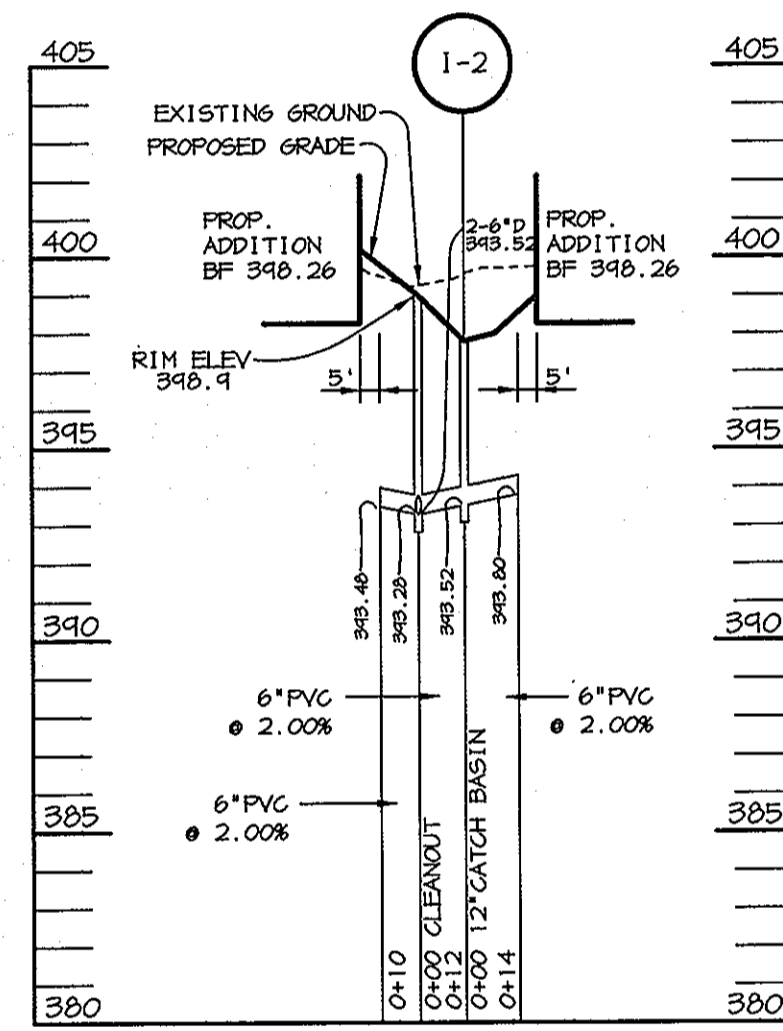
STRUCTURE SCHEDULE

STRUCTURE	TYPE	LOCATION	INV. IN	INV. OUT	TOP	REMARKS
1-1	12"x12" CATCH BASIN	N 511,536.76 E 846,754.16	390.43	390.43	391.9	NDS 1200, 1212
1-2	12"x12" CATCH BASIN	N 511,607.11 E 846,616.66	393.52	393.52	397.8	NDS 1200, 1212, 1206

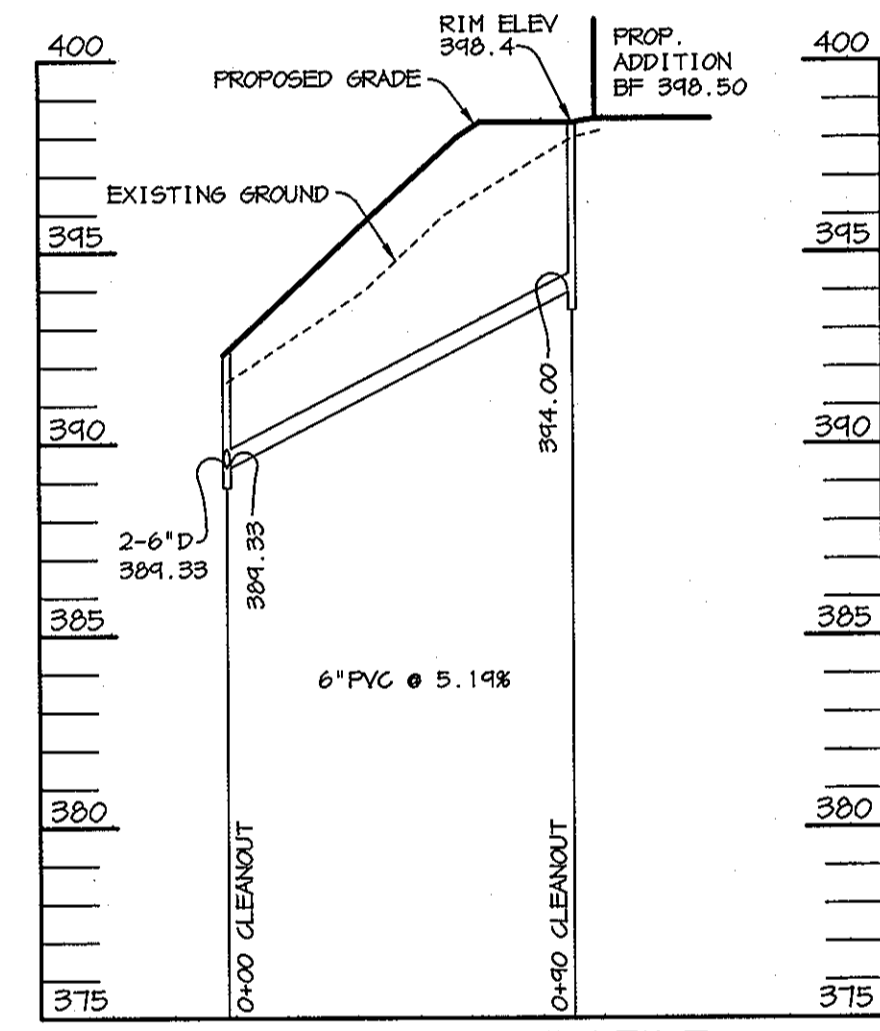
NOTE:
TOP ELEVATION IS TOP OF GRATE.



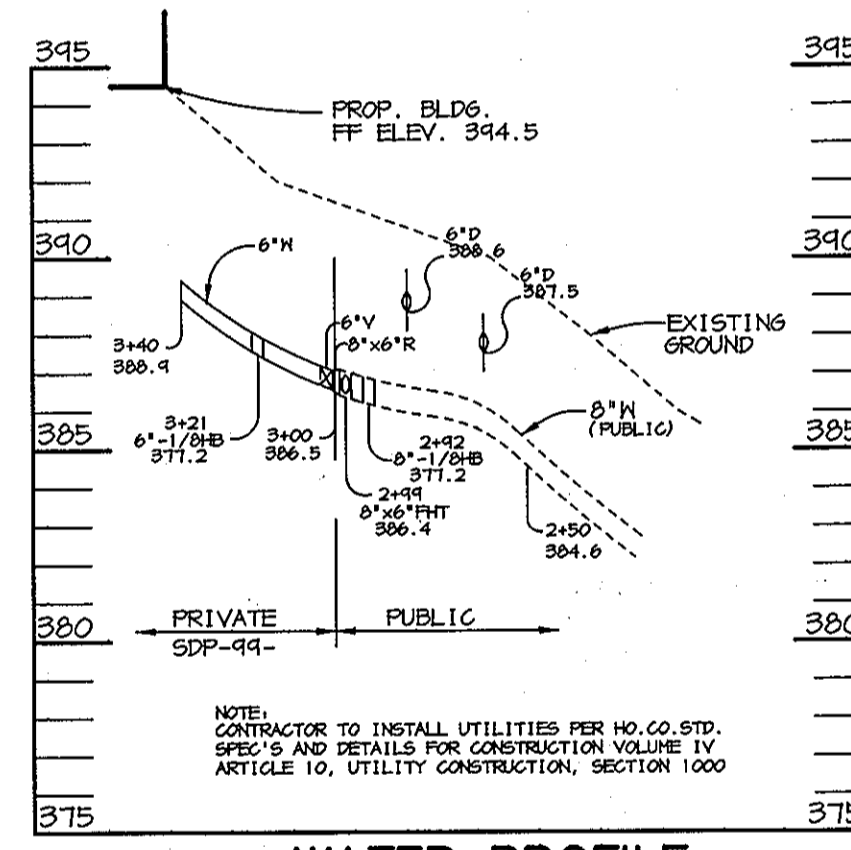
SEWER PROFILE
SCALE: HOR. 1"=50'
VERT. 1"=5'



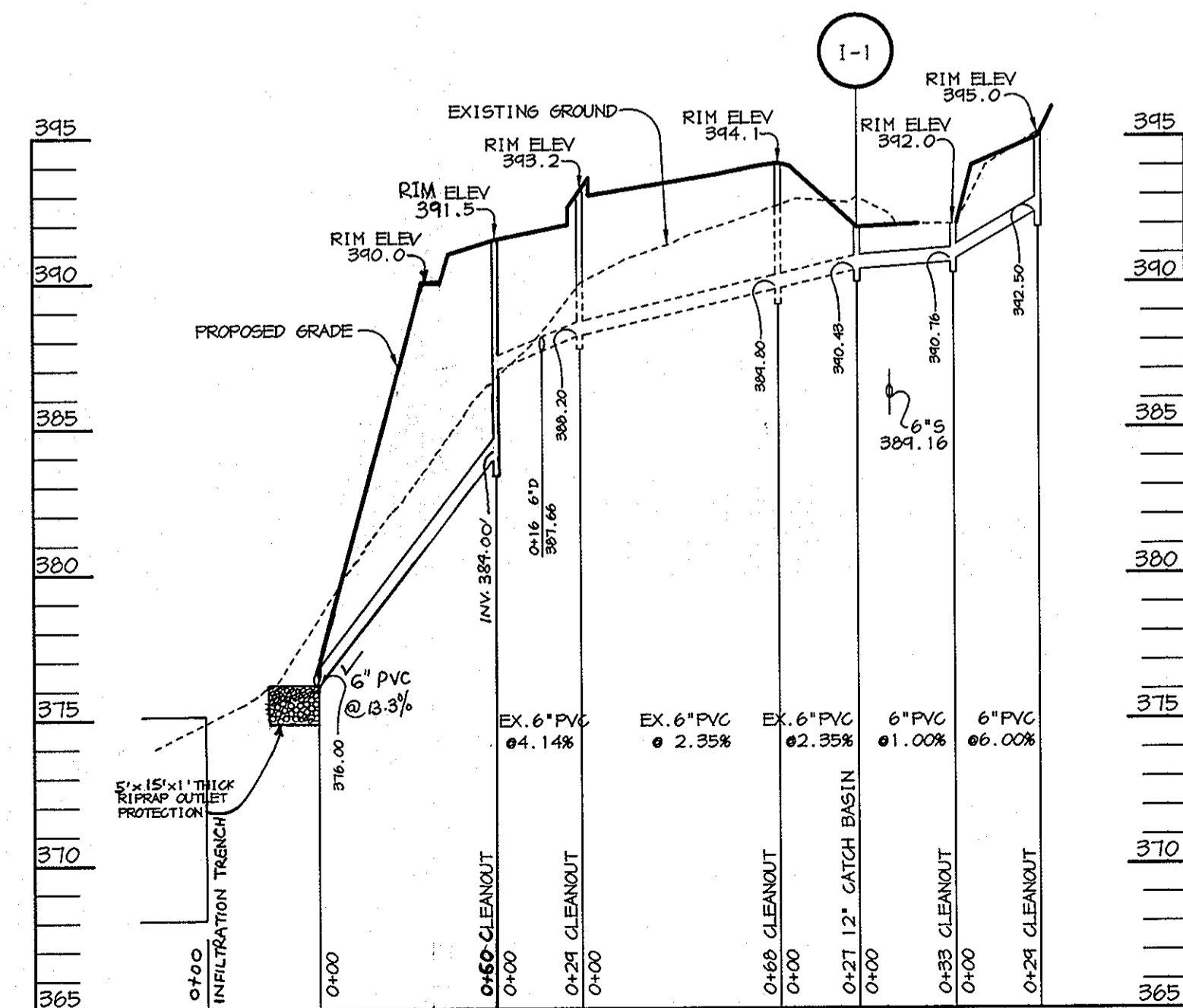
ROOF DRAIN PROFILE
SCALE: HOR. 1"=50'
VERT. 1"=5'



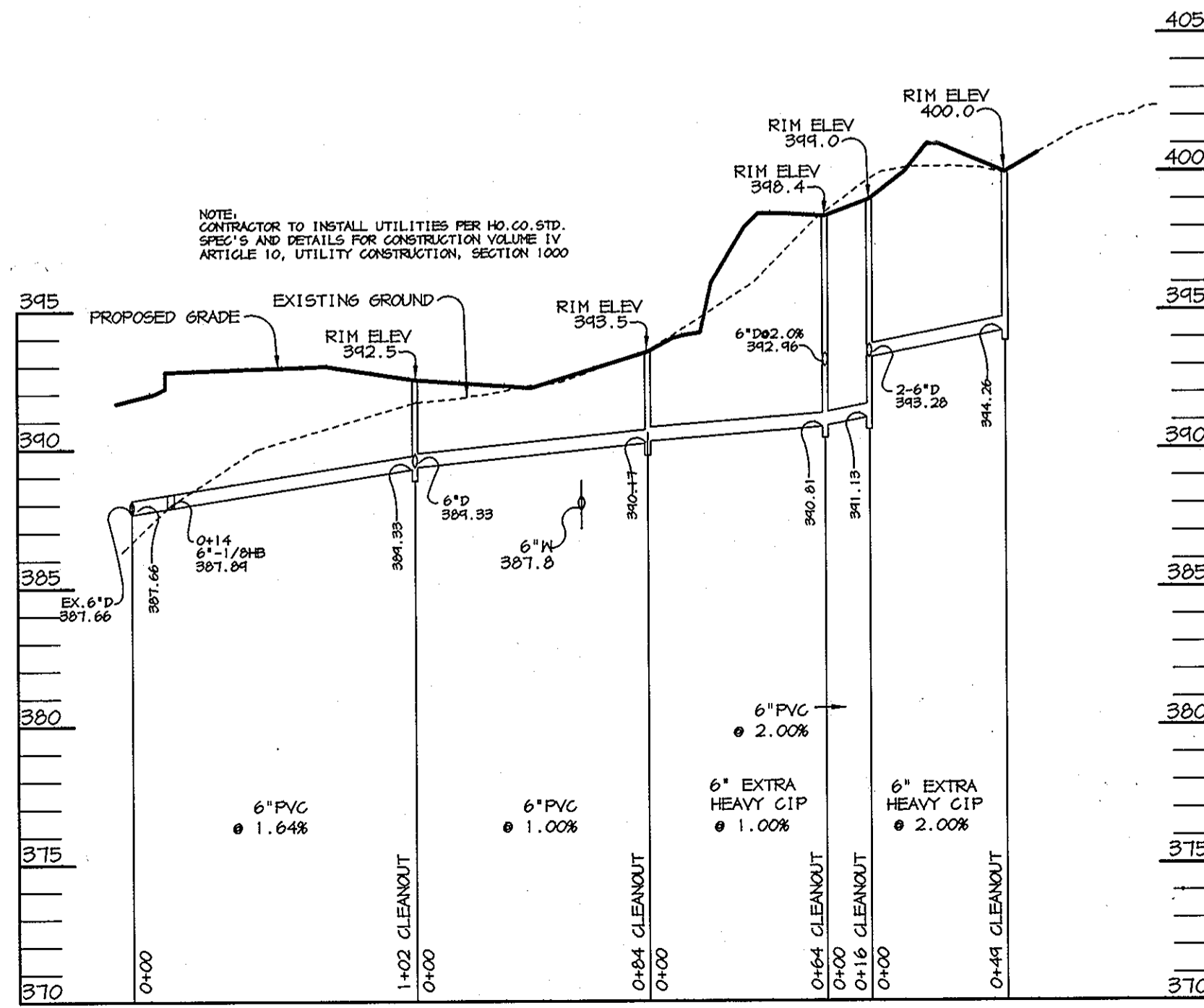
ROOF DRAIN PROFILE
SCALE: HOR. 1"=50'
VERT. 1"=5'



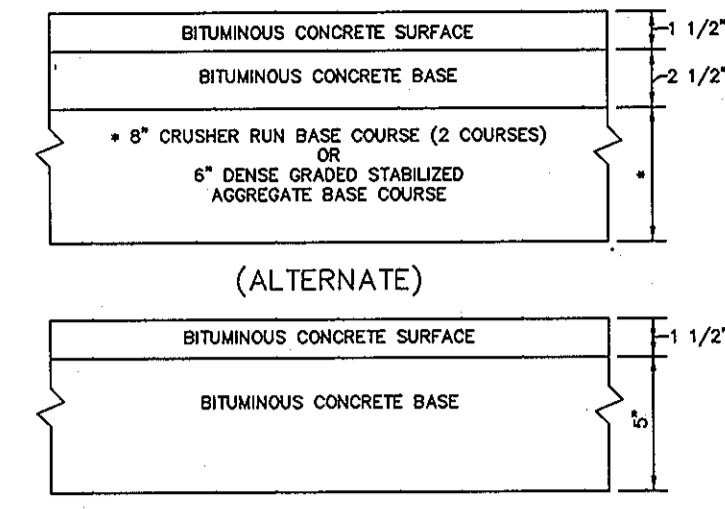
WATER PROFILE
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VERT. 1"=5'



ROOF DRAIN PROFILE
SCALE: HOR. 1"=50'
VERT. 1"=5'

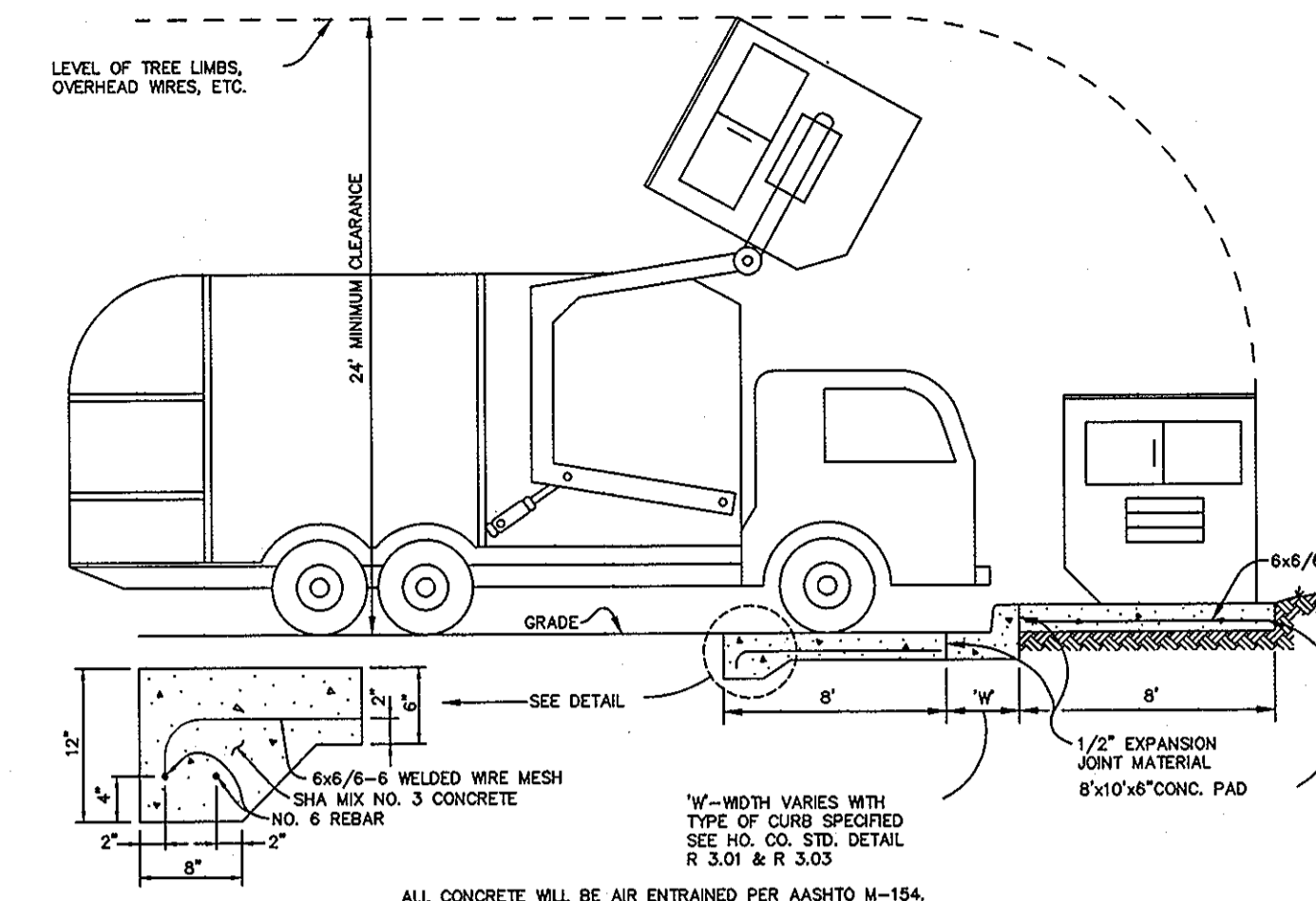


ROOF DRAIN PROFILE
SCALE: HOR. 1"=50'
VERT. 1"=5'

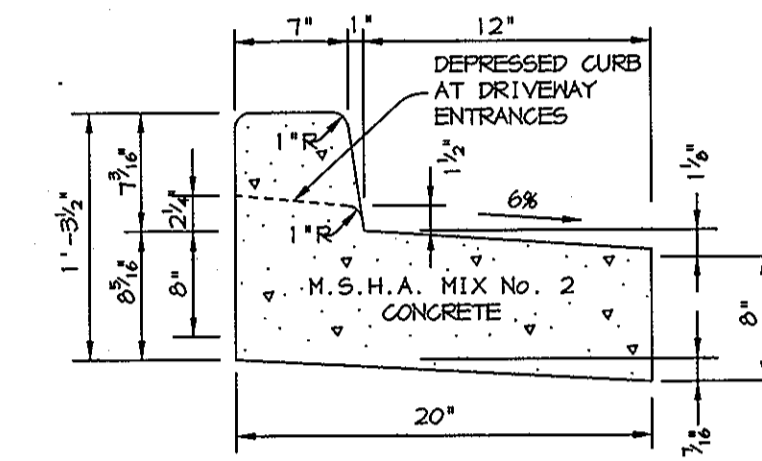


P-2 PAVING
NO SCALE

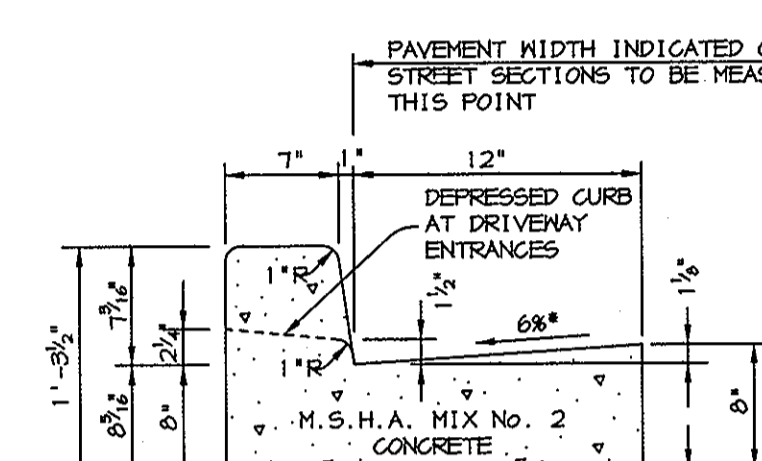
HOWARD COUNTY DESIGN MANUAL VOLUME IV - STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (DRAWING R-201)



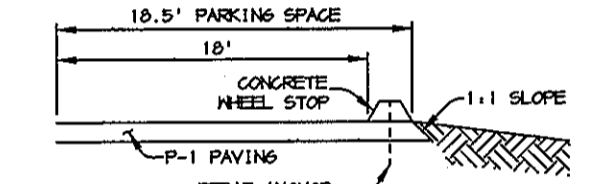
DUMPSTER PAD
NO SCALE



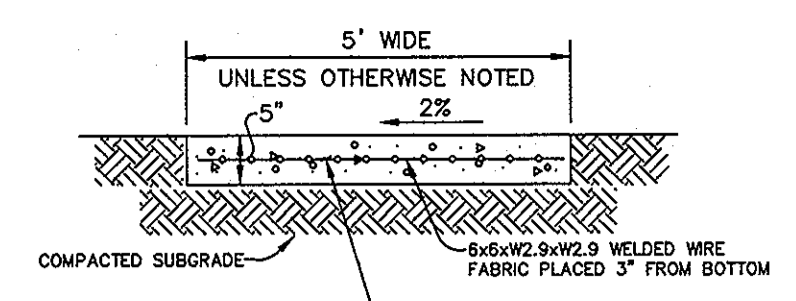
REVERSE 7\"/>



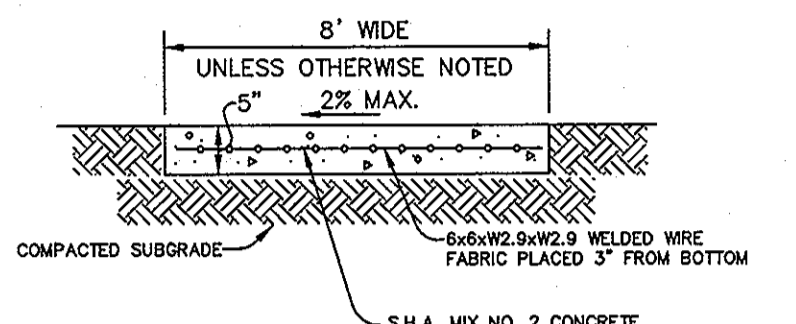
STANDARD 7\"/>



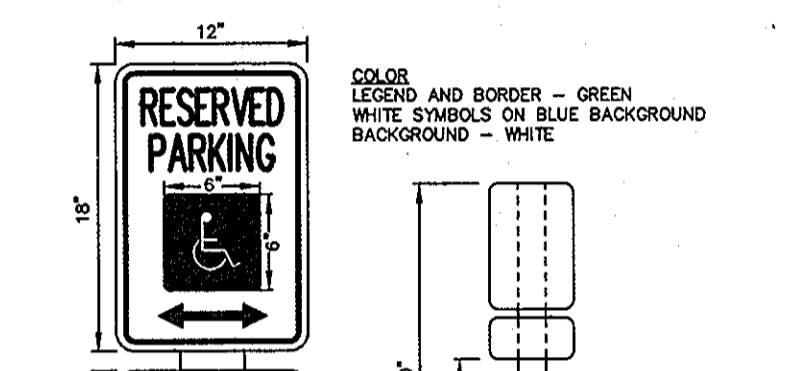
CONCRETE WHEEL STOP LOCATION PLAN
NO SCALE



SIDEWALK DETAIL
NO SCALE

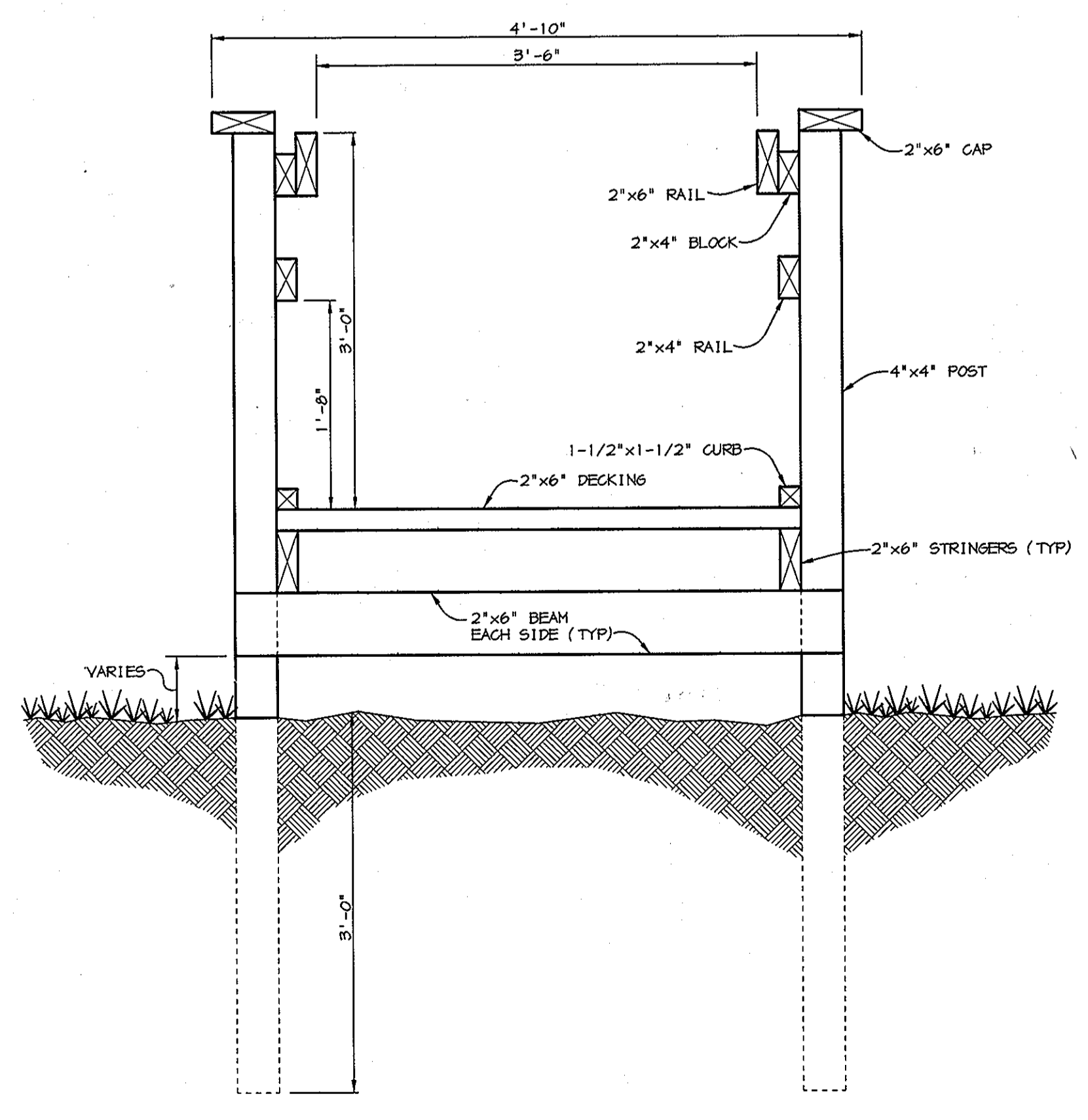


*** CONCRETE ISLAND DETAIL**
NO SCALE



HANDICAP SIGN DETAIL
NO SCALE

HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
APPROVED: *Christopher J. Reid* 11.15.99
DATE: 11.15.99
CHRISTOPHER J. REID #19949



SECTION THRU RAMP TO TEMPORARY CLASSROOM
NO SCALE

APPROVED: *James S. Ratta* 5/7/99 DATE: 5/7/99
DIRECTOR

Chris J. Reid 4/10/99 DATE: 4/10/99
CHIEF, DEVELOPMENT ENGINEERING DIVISION

Chris J. Reid 4/10/99 DATE: 4/10/99
CHIEF, DIVISION OF LAND DEVELOPMENT

11/01/99 REVIS SEWER PROFILE
6/15/99 MODIFY ROOF DRAIN PROFILE & STRUCTURE SCHEDULE

OWNER/DEVELOPER
FIRST PRESBYTERIAN CHURCH
9325 PRESBYTERIAN CIRCLE
COLUMBIA, MARYLAND 21045
410-715-4981

PROJECT FIRST PRESBYTERIAN CHURCH RELIGIOUS FACILITY A BUILDING ADDITION

AREA
TAX MAP 30 ZONED NT & R-20 PARCEL 138 & 284
6th ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

TITLE
PROFILES AND DETAILS

RIEMER MUEGGE & ASSOCIATES, INC.
ENGINEERING • ENVIRONMENTAL SERVICES • PLANNING • SURVEYING
8818 Centre Park Drive, Columbia, Maryland 21045
tel 410.997.8900 fax 410.997.9282

DATE: _____
DESIGNED BY: CJR
DRAWN BY: DAM
PROJECT NO: 97282/SDP SDP7.DWG
DATE: APRIL 21, 1999
SCALE: AS SHOWN
DRAWING NO. 7 OF 8

ARTHUR E. MUEGGE #8707
AS-BUILT 11/10/99 SDP-99-41

SCHEDULE A - PERIMETER LANDSCAPE EDGE									
PERIMETER	ADJACENT TO ROADWAYS					ADJACENT TO PERIMETER PROPERTIES			
	1	2	3	8	9	4	5	6	7
LANDSCAPE TYPE	B	B	B	B	E	A	A	A	A
LINEAR FEET OF ROADWAY FRONTAGE/ PERIMETER	± 145'	± 125'	± 125'	± 125'	± 380'	± 273'	± 536'	± 140'	± 134'
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	YES 5 SHADE 6 EVERGREEN 1 FLOWERING 20 SHRUBS	YES 1 SHADE 2 EVERGREEN 2 FLOWERING 20 SHRUBS	YES ± 125'	YES ± 125'	YES ± 380'	YES ± 273'	YES ± 536'	YES ± 140'	YES ± 134'
CREDIT FOR WALL, FENCE OR BERM (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	NO	NO	NO	NO	NO	NO	NO	NO	NO
NUMBER OF PLANTS REQUIRED	@1/50' = 4	@1/50' = 3	0	0	0	0	0	0	0
SHADE TREES	@1/40' = 5	@1/40' = 3	0	0	0	0	0	0	0
EVERGREEN TREES	0	0	0	0	0	0	0	0	0
SHRUBS	0	0	0	0	0	0	0	0	0
NUMBER OF PLANTS PROVIDED	0	0	0	0	0	0	0	0	0
SHADE TREES	0	0	0	0	0	0	0	0	0
EVERGREEN TREES	0	0	0	0	0	0	0	0	0
SMALL FLOWERING TREES	0	0	0	0	0	0	0	0	0
SHRUBS	0	0	0	0	0	0	0	0	0

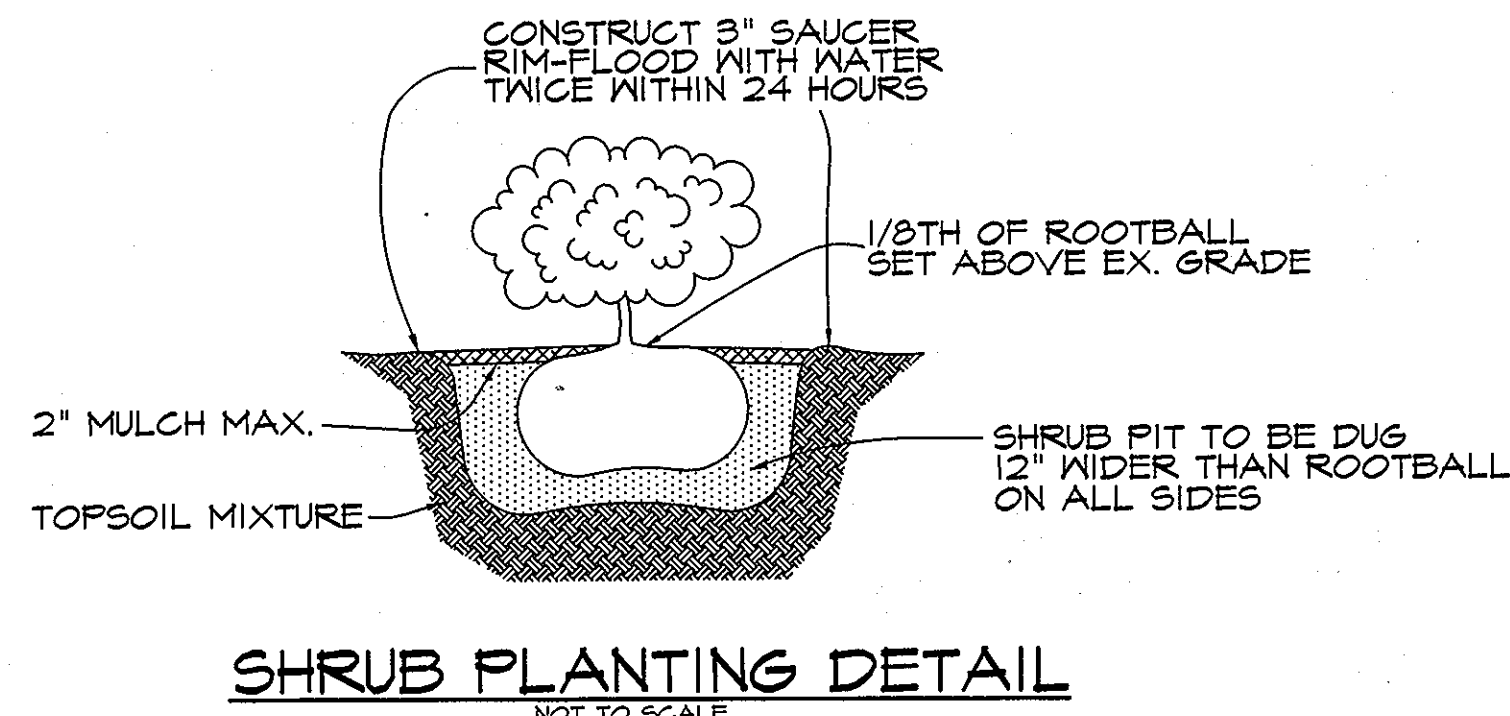
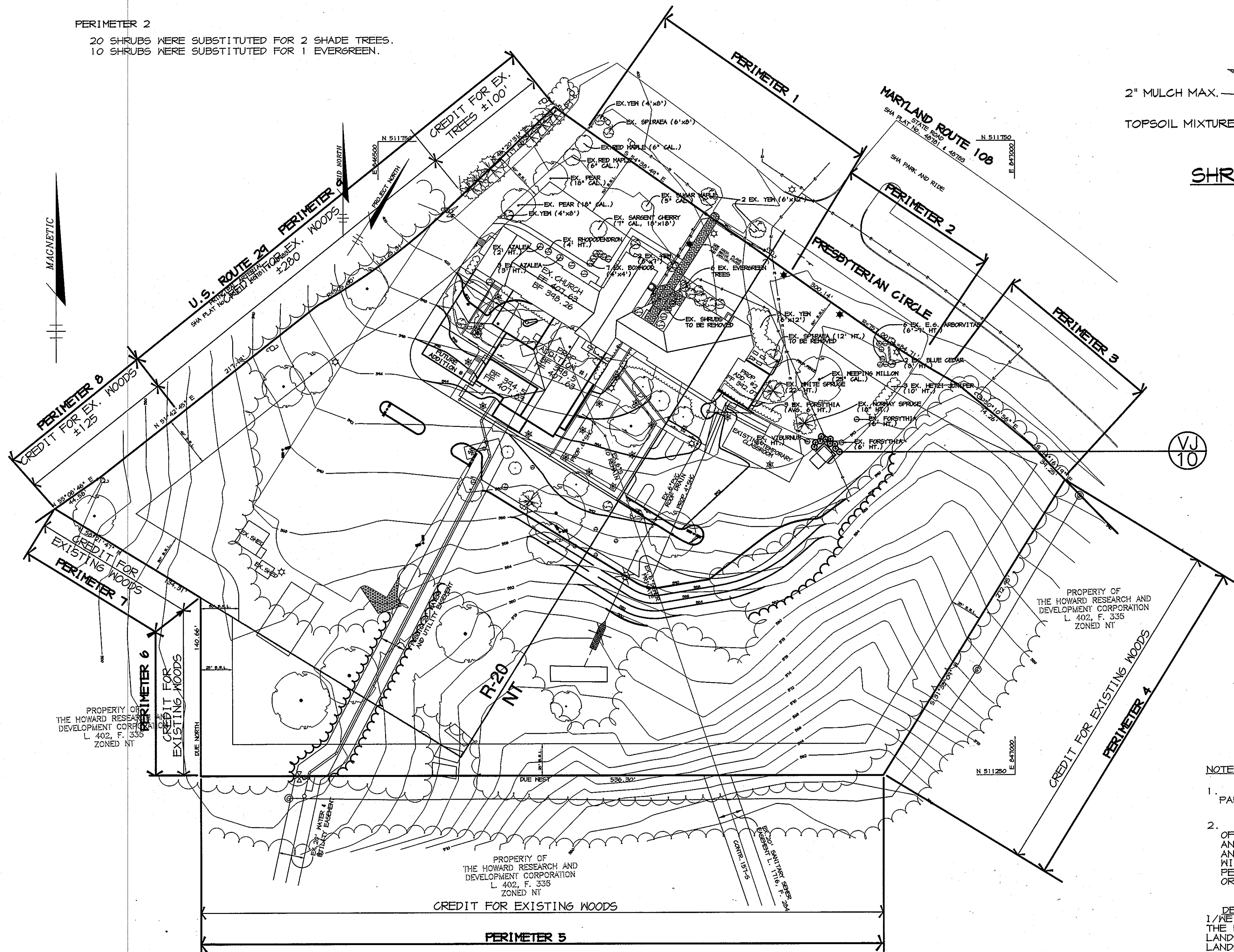
SCHEDULE B PARKING LOT INTERNAL LANDSCAPING	
NUMBER OF PARKING SPACES (EXISTING)	(127) 94 prop.
NUMBER OF SHADE TREES REQUIRED @ 1 S.T./20 SPACES	N/A
NUMBER OF TREES PROVIDED	N/A
SHADE TREES	N/A
OTHER TREES (2:1 SUBSTITUTION)	N/A
NUMBER OF ISLANDS REQUIRED (1 ISLAND/ 20 SPACES)	N/A
NUMBER OF ISLANDS PROVIDED	N/A

PLANT MATERIAL LIST					
KEY	QTY	BOTANICAL + COMMON NAME	SIZE	ROOT	REMARKS
VJ	10	VIBURNUM X JUDDII JUDDII VIBURNUM	30" - 36" HT.	B & B	FULL SHAPE

* ACCORDING TO PAGE 26 OF THE HOWARD COUNTY LANDSCAPE MANUAL DATED MARCH 2, 1998, EXPANSION OF LESS THAN 50% SHALL BE REQUIRED TO PROVIDE LANDSCAPING FOR THE ADDITIONAL DEVELOPMENT ONLY. SINCE THE NUMBER OF SPACES HAS DECREASED AND NO EXPANSION HAS OCCURRED, NO PARKING LOT LANDSCAPE IS REQUIRED.

SUBSTITUTION NOTES:

PERIMETER 2
20 SHRUBS WERE SUBSTITUTED FOR 2 SHADE TREES.
10 SHRUBS WERE SUBSTITUTED FOR 1 EVERGREEN.



LEGEND:

- EXISTING WOODS
- PROPOSED TREELINE
- EX. SHADE TREES (SIZE VARIES)
- EX. FLOWERING TREES (SIZE VARIES)
- EX. EVERGREEN TREES (SIZE VARIES)
- EX. SHRUB (SIZE VARIES)
- PROPOSED SHRUB

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.	
<i>Christopher J. Reid</i>	5/7/99 DATE
<i>Miss Cummings</i>	4/20/99 DATE
<i>Chris Hamlin</i>	4/30/99 DATE

DATE NO.	REVISION
OWNER/DEVELOPER	
FIRST PRESBYTERIAN CHURCH 4325 PRESBYTERIAN CIRCLE COLUMBIA, MARYLAND 21045 410-715-4481	

PROJECT FIRST PRESBYTERIAN CHURCH RELIGIOUS FACILITY A BUILDING ADDITION	
AREA	
TAX MAP 30 ZONED NT & R-20 PARCEL 138 & 204 6th ELECTION DISTRICT, HOWARD COUNTY, MARYLAND	

STATE OF MARYLAND
REGISTERED PROFESSIONAL ENGINEER
Christopher J. Reid
CHRISTOPHER J. REID #19949
11-15-99 DATE

NOTES:

- * FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING MUST BE POSTED AS PART OF THE DEVELOPERS AGREEMENT IN THE AMOUNT OF \$ 300,000.
- THE OWNER, TENANT, AND/OR THEIR AGENTS SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE REQUIRED LANDSCAPING, INCLUDING BOTH PLANT MATERIALS AND BERMS, FENCES AND WALLS. ALL PLANT MATERIALS SHALL BE MAINTAINED IN GOOD GROWING CONDITION, AND WHEN NECESSARY REPLACED WITH NEW MATERIALS TO ENSURE CONTINUED COMPLIANCE WITH APPLICABLE REGULATIONS. ALL OTHER REQUIRED LANDSCAPING SHALL BE PERMANENTLY MAINTAINED IN GOOD CONDITION, AND WHEN NECESSARY, REPAIRED OR REPLACED.

DEVELOPER'S/BUILDER'S CERTIFICATE:
I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE HOWARD COUNTY LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION A CERTIFICATION OF LANDSCAPE INSTALLATION ACCOMPANIED BY AN EXECUTED ONE YEAR GUARANTEE OF PLANT MATERIALS WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

David T. Dows
NAME DATE 4-21-99

TITLE	
LANDSCAPING PLAN	
RIEMER MUEGGE & ASSOCIATES, INC. ENGINEERING • ENVIRONMENTAL SERVICES • PLANNING • SURVEYING 8818 Centre Park Drive, Columbia, Maryland 21045 tel 410.997.8900 fax 410.997.9282	

DESIGNED BY: DTD
DRAWN BY: KEH
PROJECT NO.: 97282/SDP LSCP-SE3.DWG
DATE: APRIL 21, 1999
SCALE: 1" = 50'
DRAWING NO. 8 OF 8