

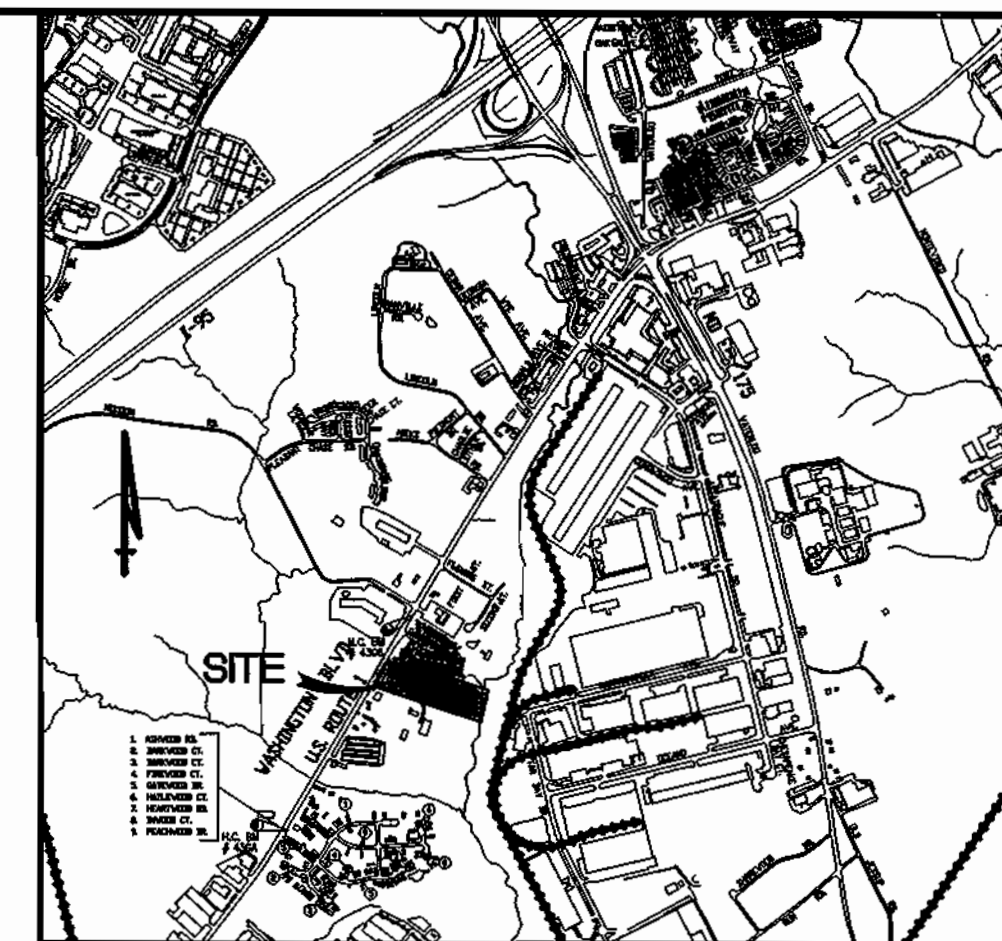
SHEET INDEX	
NO.	DESCRIPTION
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3	SEDIMENT CONTROL AND SWM PLAN
4	SEDIMENT CONTROL NOTES AND DETAILS
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CHERRY HILL CONSTRUCTION INC. BUILDING ADDITION

6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

GENERAL NOTES

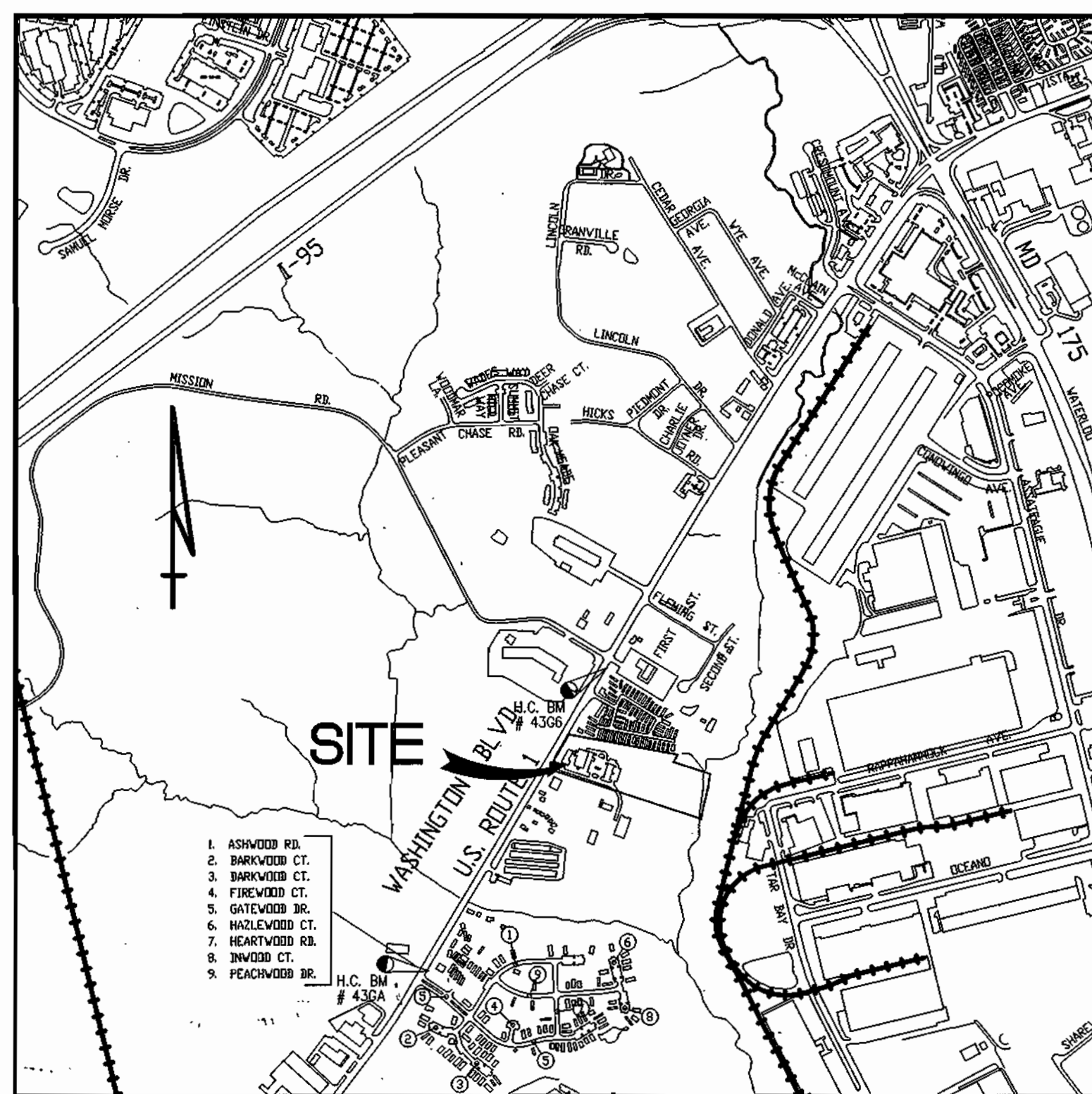
- ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS, IF APPLICABLE.
- THE LOCATIONS OF THE UTILITIES SHOWN IS APPROXIMATE ONLY. THE CONTRACTOR SHALL VERIFY THE EXISTENCE, LOCATION AND DEPTH OF ANY UTILITIES AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE ENGINEERING OFFICE, PHOENIX ENGINEERING, INC. AT (410) 247-8833 IN THE EVENT OF ANY DISCREPANCIES IN THE PLANS OR IN THE RELATIONSHIP OF FINISHED GRADES TO EXISTING GRADES, PRIOR TO BEGINNING ANY WORK.
- THE CONTRACTOR SHALL NOTE THAT IN THE CASE OF DISCREPANCY BETWEEN THE SCALED AND FIGURED DIMENSIONS SHOWN ON THESE PLANS, THE FIGURED DIMENSIONS SHALL GOVERN.
- IT SHALL BE DISTINCTLY UNDERSTOOD THAT FAILURE TO MENTION SPECIFICALLY ANY WORK WHICH WOULD NORMALLY BE REQUIRED TO COMPLETE THE PROJECT SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO PERFORM SUCH WORK.
- CONTRACTOR TO NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE (5) DAYS BEFORE STARTING WORK ON THESE DRAWINGS:
 "MSB UTILITY" (800) 257-7777
 BALTIMORE GAS + ELECTRIC COMPANY (410) 685-0123
 VERIZON TELEPHONE (410) 275-2355
 AT+T CABLE LOCATION DIVISION (410) 393-3553
 HOWARD COUNTY BUREAU OF UTILITIES (410) 313-4900
 HOWARD COUNTY CONSTRUCTION/INSPECTION SURVEY DIVISION (24 HOURS NOTICE PRIOR TO COMMENCEMENT OF WORK) (410) 313-1880
- ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
- PROFILE STATIONS SHALL BE ADJUSTED AS NECESSARY TO CONFORM TO PLAN DIMENSIONS.
- NO PIPE SHALL BE LAID UNTIL LINE OF EXCAVATION HAS BEEN BROUGHT TO SUBGRADE.
- ALL SPOT ELEVATIONS SHOWN ARE TOP OF PROPOSED PAVING OR CONCRETE. WHEN ADJACENT TO CURB, ELEVATION SHOWN IS BOTTOM OF CURB FLOWLINE.
- STORM WATER QUANTITY MANAGEMENT IS BEING PROVIDED ON SITE IN THE FORM OF AN EXISTING PRIVATELY OWNED AND MAINTAINED DETENTION FACILITY. WATER QUALITY IS PROVIDED BY A FILTERED STORMWATER RETENTION SYSTEM. THIS FACILITY WILL BE PRIVATELY OWNED AND MAINTAINED.
- HANDICAP RAMPS SHALL MEET ADA REQUIREMENTS.
- THE CONTRACTOR SHALL OBTAIN THE NECESSARY BUILDING PERMITS FOR CONSTRUCTION.
- THE EXISTING TOPOGRAPHY IS TAKEN FROM A FIELD RUN SURVEY WITH 2' CONTOUR INTERVALS PREPARED BY CHERRY HILL CONSTRUCTION INC. DATED JANUARY, 2002.
- ALL HORIZONTAL CONTROLS ARE BASED ON MARYLAND STATE GRID COORDINATES (NAD 83). ALL VERTICAL CONTROLS ARE BASED ON NAVD83 DATUM.
- CONTRACTOR SHALL USE DIMENSIONS SHOWN. SCALING OF THESE PLANS IS DISCOURAGED UNLESS DIRECTED BY THE CIVIL ENGINEER.
- ANY DAMAGE TO COUNTY RIGHT-OF-WAY AND PAVING OF PUBLIC ROADS SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTORS EXPENSE IN ACCORDANCE WITH THE HOWARD COUNTY SPECIFICATIONS AND STANDARDS.
- THERE ARE NO CEMETERIES LOCATED ON THIS SITE.
- TRAFFIC CONTROL DEVICES, MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF 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 UNLESS OTHERWISE NOTED.
- 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. 493A AND 493B WERE USED FOR THIS PROJECT.
- WATER AND SEWER ARE (PUBLIC) AND ARE IN THE LITTLE PATUXENT DRAINAGE AREA, AND ARE DESIGNATED AS CONTRACT NUMBER 24-1749-D.
- THERE ARE NO WETLANDS OR FLOODPLAINS BEING DISTURBED ON THIS SITE.
- THIS PROPERTY IS ZONED M-2 PER 2000 COMPREHENSIVE ZONING PLAN.
- ALL PROPOSED LIGHTING WILL BE IN COMPLIANCE WITH THE REQUIREMENTS OF ZONING MANUAL SECTION 134.
- TOPOGRAPHY IS FROM A FIELD SURVEY BY CHERRY HILL CONSTRUCTION SURVEY CREW DATED FEBRUARY 2002.
- DPV PLAT OF ESHTT, FOR FLOODPLAIN PLAT NO. 16250



VICINITY MAP
SCALE: 1" = 2000'

BM #43GA ELEV. 241.632
 CONC. MONUMENT LOCATED 4.8' BEHIND FACE OF CURB ON EAST SIDE OF US ROUTE #1 AND 0.2 MILES NORTH OF INTERSECTION OF PATUXENT RANGE ROAD
 NORTHING 541797.060
 EASTING 1369159.491

BM #43GC ELEV. 220.116
 CONC. MONUMENT LOCATED 3.5' BEHIND CURB ON THE EAST SIDE OF US ROUTE #1 AND 68.8' SOUTH OF C&P POLE #198
 NORTHING 544117.545
 EASTING 1370550.825



LOCATION MAP
SCALE: 1" = 1000'

ZONING HISTORY

- M-2 ZONING REQUIRES 80' BUILDING RESTRICTION LINES, HOWEVER 80' BRL AT NORTHERN BOUNDARY WITH MAPLE PARK WAS REDUCED TO 75' BRL FOR THE PROPOSED BUILDING AND PARKING SHOWN ON THE BOARD OF APPEALS EXHIBITS - SEE BA 88-24V APPROVED ON DECEMBER 20, 1988.
- PREVIOUS FILE NUMBERS FOR THIS SITE SDP 89-183, SDP 89-32, BA 88-24V, WP 89-136, WP 03-58 AND GP 87-52.
- WP 89-136 WAS GRANTED ON JUNE 5, 1989 TO ALLOW DISTURBANCE OF A WETLAND AREA.
- WP 03-58 ASKED FOR RELIEF FROM DOING A 100 YEAR FLOODPLAIN ANALYSIS AND CREATING A 100 YEAR FLOODPLAIN EASEMENT. IT WAS DENIED ON 1-17-03.
- THIS SITE IS EXEMPT FROM FOREST CONSERVATION REQUIREMENTS UNDER SECTION 18.1202 (b) (ii) OF THE FOREST CONSERVATION MANUAL. THIS SITE HAS AN APPROVED SITE DEVELOPMENT PLAN PRIOR TO DECEMBER 21, 1992. SEE SDP 89-183.

SITE ANALYSIS

TOTAL AREA OF SITE = 8.92 AC. OR 338,556 SQ. FT.
 TOTAL AREA OF THIS SUBMISSION = 8.92 AC. OR 338,556 SQ. FT.
 ZONING M-2
 EXISTING USE - OFFICE USE/CONTRACTORS YARD
 PROPOSED USE - OFFICE USE/CONTRACTORS YARD
 THERE ARE NO EXISTING OR PROPOSED SLOPES 15% OR GREATER EXCEPT AS SHOWN.
 THE SOILS TYPES SHOWN ON THESE PLANS ARE AS SHOWN IN THE 'HOWARD COUNTY SOILS SURVEY'. THE SITE IS PREDOMINATELY TYPE B + C SOILS WITHIN THE DEVELOPED AREA.
 THERE ARE NO EXISTING FLOODPLAINS OR WETLANDS BEING DISTURBED ON THIS SITE.
 WETLANDS, WETLAND BUFFERS, A STREAM AND STREAM BUFFERS, FLOODPLAIN AND A WETLAND MITIGATION EXISTS ON-SITE BEYOND THE LIMIT OF DISTURBANCE SHOWN ON THIS PLAN. SEE PREVIOUSLY APPROVED SDP 89-183.
 OPEN SPACE (GREEN AREA) TO REMAIN ON SITE = 260,705 SQ. FT. OR 77 % OF GROSS AREA.
 BUILDING COVERAGE OF SITE: BLDG. A = 29,952 SF. (EXISTING) (BUILT 1990)
 2,667 SF. (3RD FLOOR PROP)
 2,967 SF. (3RD FLOOR PROP)
 2,967 SF. (3RD FLOOR PROP)
 TOTAL = 37,953 SF. OR 11.2 % OF SITE
 TOTAL AREA TO BE DISTURBED = 131 ACRES OR 56,921 SQ. FT.
 SEE BOARD OF APPEALS CASE 88A-88-24V, WP 89-136, SDP 89-32 AND SDP 89-183
 WETLAND PERMIT #WADP RW 89-187-5 AND 88-WO-0636 WERE ISSUED UNDER SDP 89-183 TO ALLOW REMOVAL OF A WETLAND AREA WITH A PROPOSED MITIGATION AREA.
 WP 89-136 GRANTED COUNTY APPROVAL FOR THE REMOVAL OF AN EXISTING WETLAND AREA AND THE CREATION OF A MITIGATION AREA.

PARKING TABULATION

A. BUILDING AREA:		
BLDG A (3 LEVELS) = TOTAL 29,952 SF		= 84 SPACES REQUIRED
PARKING REQUIRED AS PER SDP # 89-183		= 84 SPACES PROVIDED
EX. PARKING TOTAL		= 84 SPACES PROVIDED
PROPOSED ADDITION 8001 SF = 33/1000 SF		= 26,403 SPACES REQUIRED
TOTAL		= 111 SPACES REQUIRED
PROPOSED ADDITIONAL PARKING (9 X 18)		= 23 SPACES PROVIDED
SMALL CAR SPACES ALLOWED = 25% OF TOTAL		= 28 SPACES ALLOWED
SMALL CAR SPACES PROPOSED (9 X 18)		= 4 SPACES PROVIDED
B. TOTAL NUMBER OF PARKING SPACES PROVIDED		= 111 SPACES PROVIDED
C. TOTAL HANDICAP SPACES REQUIRED		= 5 SPACES
REGULAR HANDICAP SPACES PROVIDED		= 0 SPACES
VAN ACCESSIBLE HANDICAP SPACES PROVIDED		= 0 SPACES
8' X 20' TYPICAL (WITH 5' AISLE)		= 0 SPACES
TOTAL HANDICAP SPACES PROVIDED		= 0 SPACES

LEGEND

- 188--- EX. CONTOUR
- 188— PROP. CONTOUR
- 52 X 61 SPOT ELEVATION
- ███ PROP. STORM DRAIN
- PROPERTY LINE

ADDRESS CHART

LOT No.	STREET ADDRESS
PARCEL 226	8211 WASHINGTON BLVD.
SUBDIVISION NAME	SECT./AREA
CHERRY HILL CONSTRUCTION INC.	N/A
DEEDS L 436/ F 571	BLOCK 20
ZONE M-2	TAX/ZONE MAP 43
ELEC. DIST. 6TH	CENSUS TR. 6069.01
WATER CODE B 02	SEWER CODE 3170000



APPROVED: DEPARTMENT OF PLANNING AND ZONING
Chris Dammann 9/16/03
 CHIEF, DEVELOPMENT ENGINEERING DIVISION
Andy Hamida 10/22/03
 CHIEF, DIVISION OF LAND DEVELOPMENT
Frank D. Upton 10/20/03
 DIRECTOR DATE

Date	No.	Revision Description

PROJECT:
**CHERRY HILL CONSTRUCTION INC.
 BUILDING ADDITION**
 8211 WASHINGTON BOULEVARD
 JESSUP, MARYLAND 20794
 Tax Map No. 43, Grid 20, Parcel 226, Elec. Dist. No. 6
 HOWARD COUNTY, MARYLAND

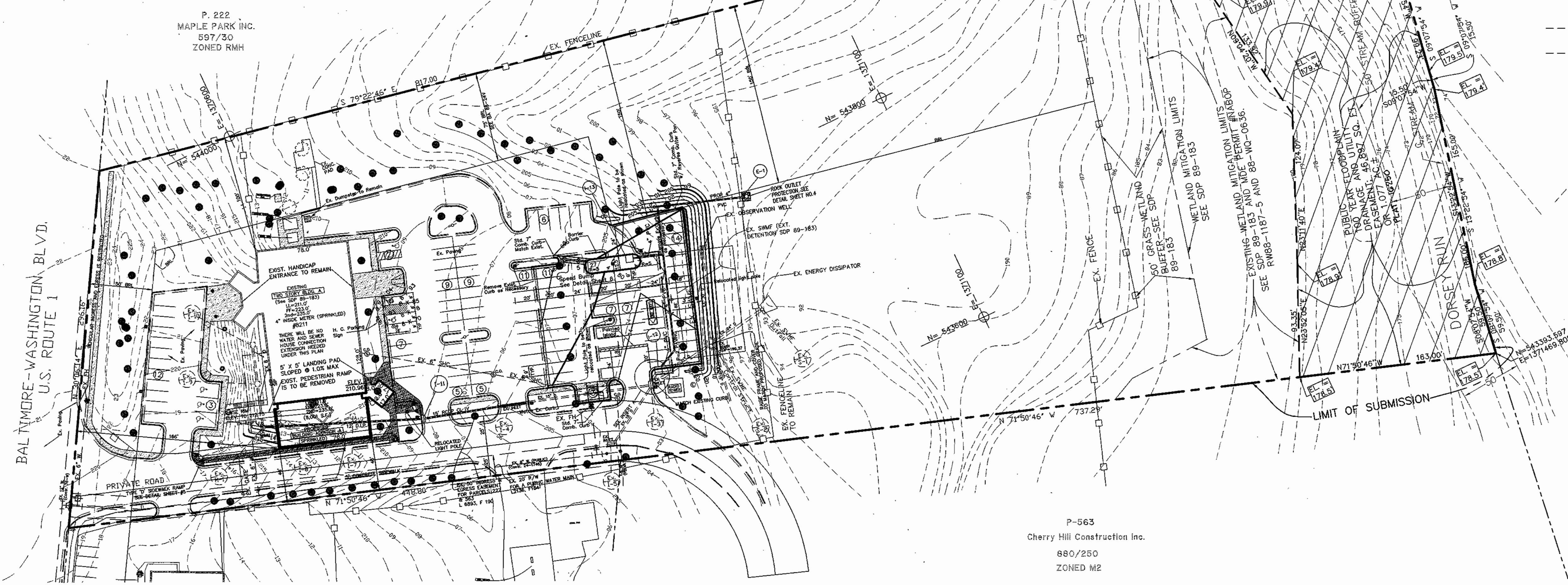
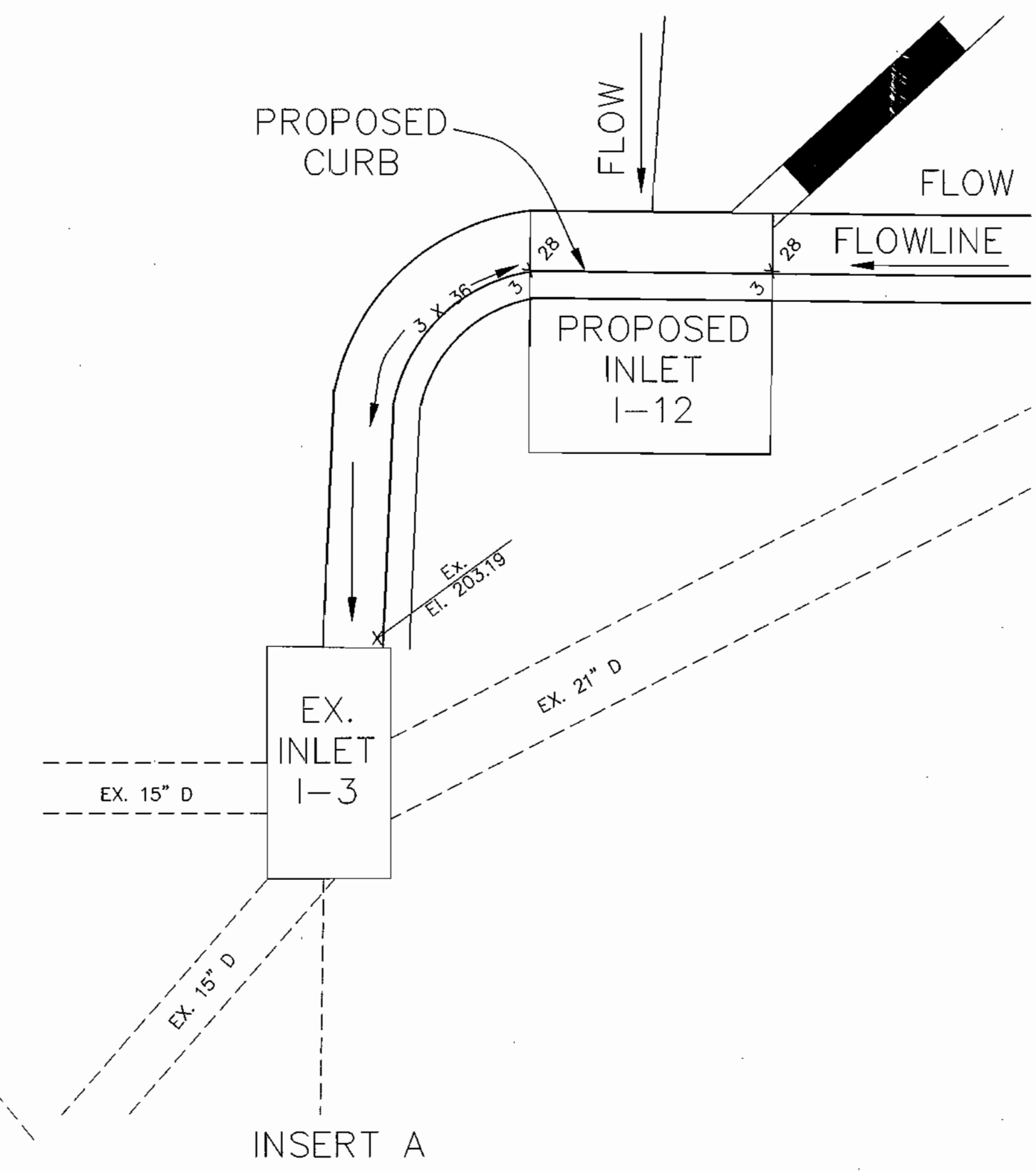
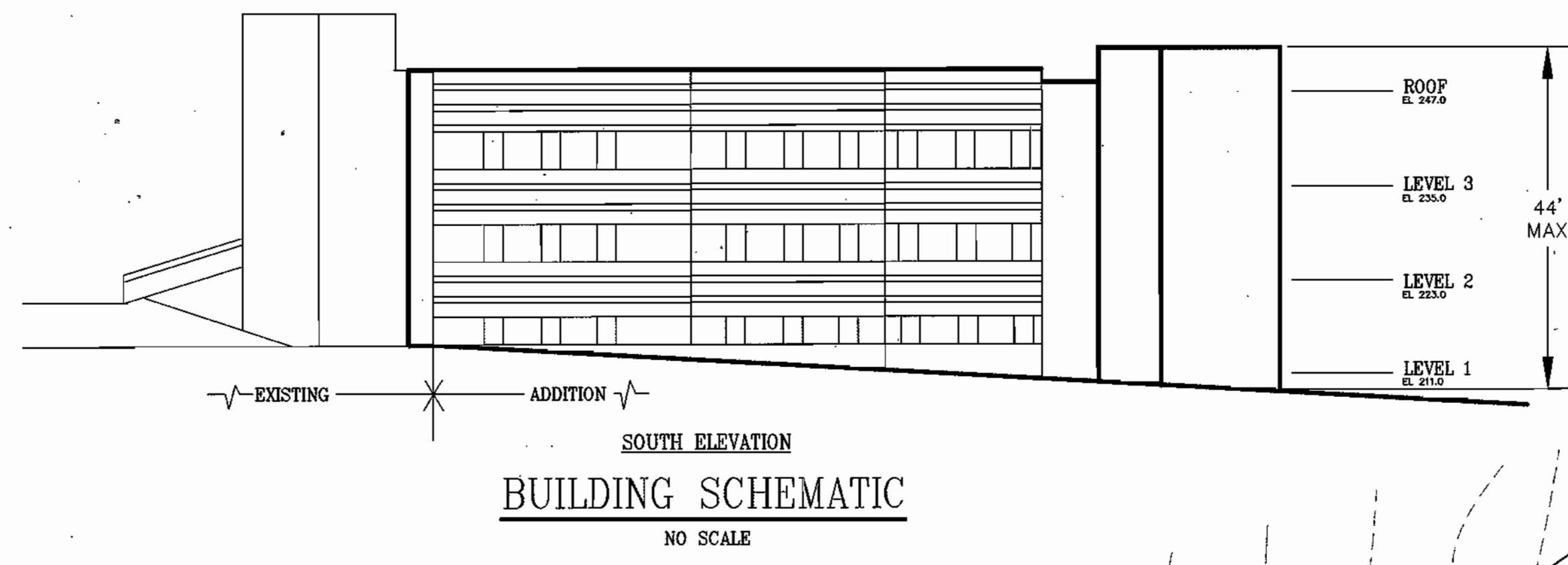
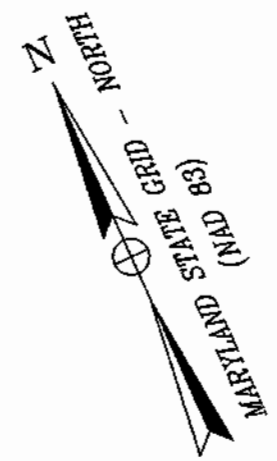
OWNER/DEVELOPER:
 ATTN: DAVE OPENSHAW
 CHERRY HILL CONSTRUCTION INC.
 8211 WASHINGTON BOULEVARD
 JESSUP, MARYLAND 20794
 (410) 799-3577

TITLE:
COVER SHEET

FORMERLY SDP 89-183

PREPARED BY:
**PHOENIX ENGINEERING, INC.
 CONSULTING ENGINEERS**
 1420-A JOH AVENUE
 BALTIMORE, MARYLAND 21227
 (410) 247-8833 FAX 247-8397

Des By	R.J.W.	Scale	AS SHOWN	Proj No	01-034
Des By	R.H.D.	Date	OCT. 1, 2002	DRAWING NO	cover.dwg
Chk By	J.R.H.	SDP	02-156		1 OF 7



Parcel 227
Cherry Hill Construction Inc.
2423/547
ZONED M2

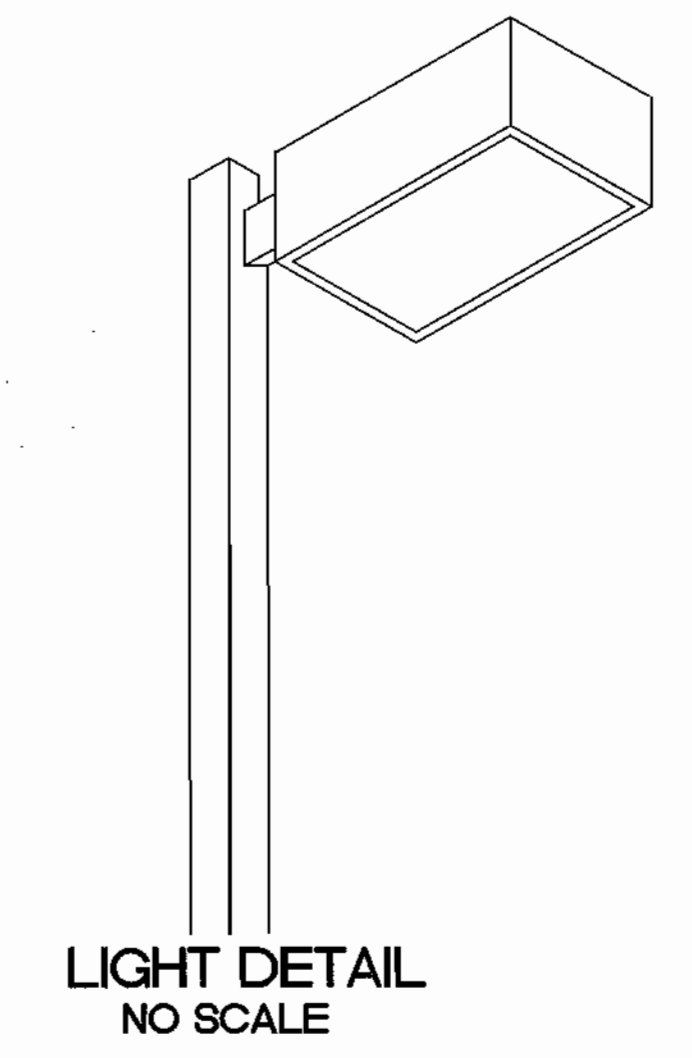
PLAN
SCALE 1" = 50'

P-563
Cherry Hill Construction Inc.
880/250
ZONED M2

P-221
Tsal William
3944/572
ZONED M2

LEGEND

- EX. FIRE HYDRANT
- EX. LIGHT POLE
- M.B. EX. MAIL BOX
- C.O. EX. SAN CLEAN OUT
- M.H. EX. SANITARY SEWER
- TV EX. CABLE TV BOX
- W.M. EX. WATER METER
- FLOW ARROW



ALL RELOCATED SITE LIGHTING FIXTURES ARE LITHONIA 400 WATT METAL HALIDE TYPE, MODEL KAS2 400 M F3 (TYPE III) RECTILINEAR CUTOFF WITH 3400 LUMENS MOUNTED ON 20' HIGH SQUARE BLACK PAINTED STEEL POLES WITH HOUSE SHIELDS.

THERE WILL BE NO WATER OR SEWER HOUSE CONNECTION EXTENSION NEEDED UNDER THIS PLAN SUBMISSION.

THERE ARE NO WETLANDS OR WETLAND BUFFERS BEING DISTURBED BY THIS DEVELOPMENT

APPROVED: DEPARTMENT OF PLANNING AND ZONING	
<i>David Dammann</i>	9/16/03
DATE	
<i>Linda Hamilton</i>	1/22/05
DATE	
<i>Mark A. Coyle</i>	1/22/05
DATE	

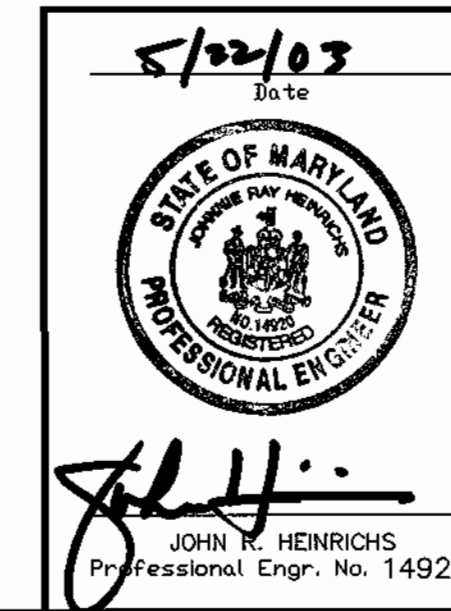
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BUILDING ADDITION**
8211 WASHINGTON BOULEVARD
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Tax Map No. 43, Grid 20, Parcel 226, Elec. Dist. No. 6
HOWARD COUNTY, MARYLAND

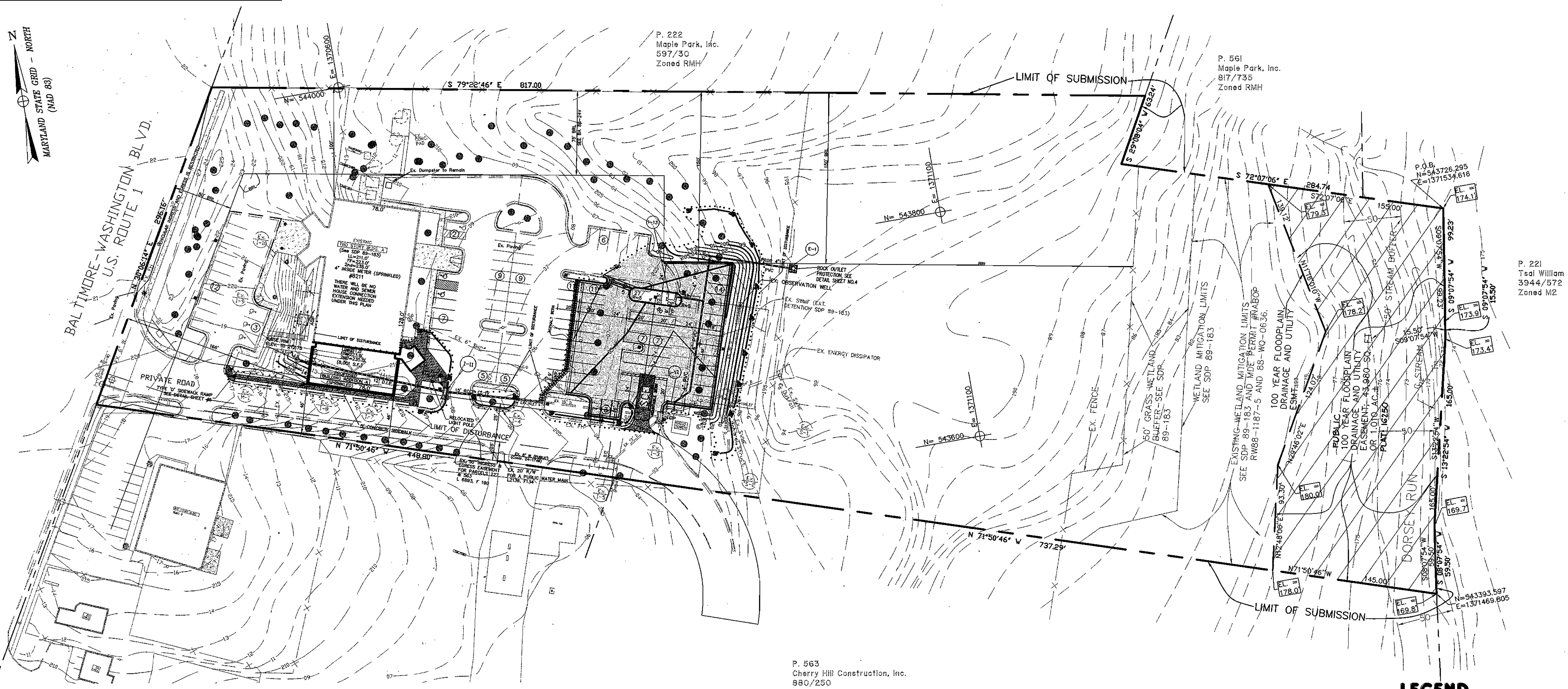
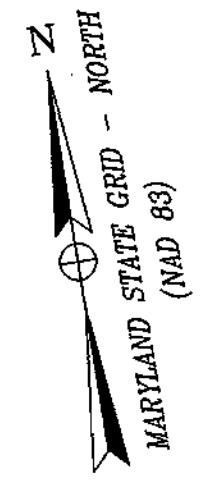
OWNER/DEVELOPER:
ATTN: DAVE OPENSHAW
CHERRY HILL CONSTRUCTION INC.
8211 WASHINGTON BOULEVARD
JESSUP, MARYLAND 20794
(410) 799-3577

TITLE:
**SITE DEVELOPMENT
PLAN**
FORMERLY SDP 89-183

PREPARED BY:
PHOENIX ENGINEERING, INC.
CONSULTING ENGINEERS
1420-A JOH ANNENUE
BALTIMORE, MARYLAND 21227
(410) 247-8833 FAX 247-9397



Des By	R.J.W.	Scale	1" = 50'	Proj No	01-034
Des By	S.E.W.	Date	FEBRUARY 2003	DRAWING NO	ps01chhill.dwg
Chk By	J.R.H.	SDP	02-156		2 OF 7



P. 227
Cherry Hill Construction, Inc.
2423/547
Zoned M2

P. 222
Maple Park, Inc.
597/30
Zoned RMH

P. 561
Maple Park, Inc.
817/735
Zoned RMH

P. 221
Ted William
3944/572
Zoned M2

P. 563
Cherry Hill Construction, Inc.
880/250
Zoned M2

PLAN
SCALE: 1" = 50'

LEGEND

- STABILIZED CONSTR. ENTRANCE
- SILT FENCE
- LIMIT OF DISTURBANCE
- INLET PROTECTION
- EX. FIRE HYDRANT
- EX. SANITARY SEWER
- EX. SAN. CLEANOUT
- EX. MAILBOX
- LIGHT POLE
- MOUNTABLE BERM
- AGIP
- M.H.
- C.O.
- M.B.

ENGINEER'S CERTIFICATE
I, WE 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 COUNTY SOIL CONSERVATION DISTRICT.

John R. Heinrichs 5/22/03
DATE
ENGINEER: JOHN R. HEINRICHS, VICE PRESIDENT
PHOENIX ENGINEERING, INC.

DEVELOPER'S CERTIFICATE
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 MARYLAND DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

Dave Openshaw 5-22-03
DATE
DEVELOPER: DAVE OPENSHAW
CHERRY HILL CONSTRUCTION INC.

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

Jim Myers 9/11/03
DATE
NATURAL RESOURCE CONSERVATION SERVICES

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

John R. Robertson 9/11/03
DATE
HOWARD S.C.D.

APPROVED: DEPARTMENT OF PLANNING AND ZONING
David Dammann 9/16/03
DATE
CHIEF, DEVELOPMENT ENGINEERING DIVISION

Cindy Hamotta 10/22/03
DATE
CHIEF, DIVISION OF LAND DEVELOPMENT

Deborah A. Taylor 11/23/03
DATE
DIRECTOR

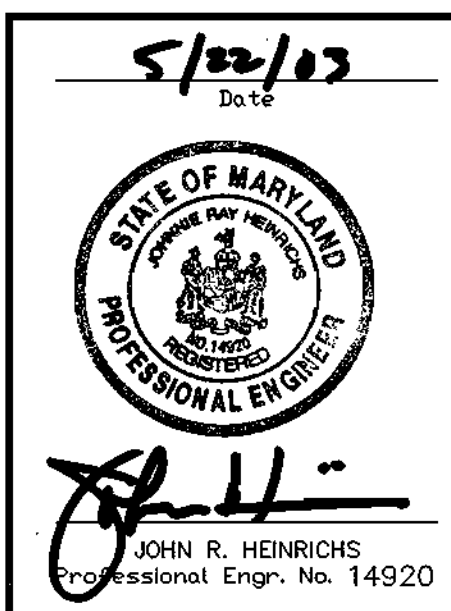
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PROJECT:
**CHERRY HILL CONSTRUCTION INC.
BUILDING ADDITION**
8211 WASHINGTON BOULEVARD
JESSUP, MARYLAND 20794
Tax Map No. 43, Grid 20, Parcel 226, Elec. Dist. No. 6
HOWARD COUNTY, MARYLAND

OWNER/DEVELOPER:
ATTN: DAVE OPENSHAW
CHERRY HILL CONSTRUCTION INC.
8211 WASHINGTON BOULEVARD
JESSUP, MARYLAND 20794
(410) 799-3577

TITLE:
**SEDIMENT CONTROL AND
SWM PLAN**

PREPARED BY:
PHOENIX ENGINEERING, INC.
CONSULTING ENGINEERS
1420-A JOHNS AVENUE
BALTIMORE, MARYLAND 21227
(410) 247-8833 FAX 247-9397



Des By	R.J.W.	Scale	1" = 50'	Proj No	01-034
Des By	R.H.D.	Date	OCTOBER 2002	DRAWING NO	es01chh01.dwg
Chk By	J.R.H.	SDP	02-156		3 OF 7

STANDARD AND SPECIFICATION FOR TOPSOILING

DEFINITION
 PLACEMENT OF TOPSOIL OVER A PREPARED SUBSOIL PRIOR TO ESTABLISHMENT OF VEGETATION.

PURPOSE
 TO PROVIDE A SUITABLE SOIL MEDIUM FOR VEGETATION GROWTH ON AREAS WITH LOW MOISTURE, LOW NUTRIENT LEVELS, LOW PH, OR THE PRESENCE OF OTHER MATERIALS TOXIC TO PLANTS.

CONDITIONS WHERE PRACTICE APPLIES
 THIS PRACTICE IS RECOMMENDED FOR SITES OF 2:1 OR FLATTER SLOPES WHERE:

- THE TEXTURE OF THE EXPOSED SUBSOIL OR PERCENT MATERIAL IS NOT SUITABLE TO PRODUCE ADEQUATE VEGETATIVE GROWTH.
- THE SOIL MATERIAL IS SO SHALLOW THAT THE ROOTING ZONE IS NOT DEEP ENOUGH TO SUPPORT PLANTS OR FURNISH CONTINUING SUPPLIES OF MOISTURE AND PLANT NUTRIENTS.
- THE ORIGINAL SOIL TO BE VEGETATED CONTAINS MATERIAL TOXIC TO PLANT GROWTH.
- THE SOIL IS SO ADD THAT TREATMENT WITH LIMESTONE IS NOT FEASIBLE.

SPECIFICATIONS
 SECTION I SITE PREPARATION (WHERE TOPSOIL IS TO BE ADDED)

WHEN TOPSOILING, MAINTAIN NEEDED EROSION AND SEDIMENT CONTROL PRACTICES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, BERMS, DIKES, WATERWAYS AND SEDIMENT BASINS.

GRADING: GRADES ON THE AREAS TO BE TOPSOILED WHICH HAVE BEEN PREVIOUSLY ESTABLISHED SHALL BE MAINTAINED.

LIMITS: WHERE THE SUBSOIL IS EITHER HIGHLY ACID OR COMPOSED OF HEAVY CLAYS, GROUND LIMESTONE SHALL BE SPREAD AT THE RATE OF 4-8 TONS/ACRE (200-400 POUNDS PER 1,000 SQ. FT.). LIME SHALL BE DISTRIBUTED UNIFORMLY OVER DESIGNATED AREAS AND WORKED INTO THE SOIL IN CONJUNCTION WITH TILLAGE OPERATIONS AS DESCRIBED IN THE FOLLOWING PROCEDURES.

TILLING: AFTER THE AREAS TO BE TOPSOILED HAVE BEEN BROUGHT TO GRADE, AND IMMEDIATELY PRIOR TO DIVING AND SPREADING THE TOPSOIL, THE SUBGRADE SHALL BE LOOSENEED BY DISKING OR BY SCARIFYING TO A DEPTH OF AT LEAST 3 INCHES TO PERMIT BONDING OF THE TOPSOIL TO THE SURFACE AREA OF THE SLOPE TO CREATE HORIZONTAL EROSION CHECK SLOTS TO PREVENT TOPSOIL FROM SLIDING DOWN THE SLOPE.

SECTION II TOPSOIL MATERIAL AND APPLICATION

NOTE: TOPSOIL SALVAGED FROM THE EXISTING SITE MAY OFTEN BE USED BUT IT SHOULD MEET THE SAME STANDARDS AS SET FORTH IN THESE SPECIFICATIONS. THE DEPTH OF TOPSOIL TO BE SALVAGED SHALL BE NO MORE THAN THE DEPTH DESCRIBED AS A REPRESENTATIVE PROFILE FOR THAT PARTICULAR SOIL TYPE AS DESCRIBED IN THE SOIL SURVEY PUBLISHED BY USDA-SCS IN COOPERATION WITH MARYLAND AGRICULTURAL EXPERIMENTAL STATION.

MATERIALS: TOPSOIL SHALL BE A LOAM, SANDY LOAM, CLAY LOAM, SILT LOAM, SANDY CLAY LOAM, LOAMY SAND OR OTHER SOIL AS APPROVED BY AN AGRONOMIST OR SOIL SCIENTIST. IT SHALL NOT HAVE A MIXTURE OF CONTRASTING TEXTURED SUBSOILS AND CONTAIN NO MORE THAN 5 PERCENT BY VOLUME OF ONIONS, STONES, SLAG, COARSE FRAGMENT, GRAVEL, STICKS, ROOTS, TRASH OR OTHER EXTRANEOUS MATERIALS LARGER THAN 1-1/2 INCHES IN DIAMETER. TOPSOIL MUST BE FREE OF PLANTS OR PLANT PARTS OF BERMUDAGRASS, QUACKGRASS, JOHNSONGRASS, NUTSEDGE, POISON IVY, HITCHHIKER, OR OTHERS AS SPECIFIED. ALL TOPSOIL SHALL BE TESTED BY A RECOGNIZED LABORATORY FOR ORGANIC MATTER CONTENT, H AND SOLUBLE SALTS, A PH OF 6.0 TO 7.5 AND AN ORGANIC CONTENT OF NOT LESS THAN 6.0. LIME SHALL BE APPLIED AND INCORPORATED WITH TOPSOIL TO ADJUST THE PH TO 6.5 OR HIGHER. TOPSOIL CONTAINING SOLUBLE SALTS GREATER THAN 500 PARTS PER MILLION SHALL NOT BE USED.

NO SOIL OR SEED SHALL BE PLACED ON SOIL WHICH HAS BEEN TREATED WITH SOIL STERILANTS OR CHEMICALS USED FOR WEED CONTROL UNTIL SUFFICIENT TIME HAS ELAPSED TO PERMIT DISSIPATION OF TOXIC MATERIALS.

NOTE: TOPSOIL SUBSTITUTES OR AMENDMENTS AS APPROVED BY A QUALIFIED AGRONOMIST OR SOIL SCIENTIST, MAY BE USED IN LIEU OF NATURAL TOPSOIL.

GRADING: THE TOPSOIL SHALL BE UNIFORMLY DISTRIBUTED AND COMPACTED TO A MINIMUM OF FOUR (4) INCHES. SPREADING SHALL BE PERFORMED IN SUCH A MANNER THAT SOODING OR SEEDING CAN PROCEED WITH A MINIMUM OF ADDITIONAL SOIL PREPARATION AND TILLAGE. ANY IRREGULARITIES IN THE SURFACE RESULTING FROM TOPSOILING OR OTHER OPERATIONS SHALL BE CORRECTED IN ORDER TO PREVENT THE FORMATION OF DEPRESSIONS OR WATER POCKETS. TOPSOIL SHALL NOT BE PLACED WHILE IN A FROZEN OR MUDDY CONDITION, WHEN THE SUBGRADE IS EXCESSIVELY WET, OR IN A CONDITION THAT MAY OTHERWISE BE DETRIMENTAL TO PROPER GRADING AND SEEDING PREPARATION.

ALTERNATIVE FOR PERMANENT SEEDING
 AS AN OPTION TO APPLYING THE FULL AMOUNTS OF LIME AND COMMERCIAL FERTILIZER, APPLY COMPOSTED SLUDGE AS SPECIFIED BELOW, A POTASSIUM FERTILIZER AT THE RATE OF 4 POUNDS PER 1,000 SQ. FT. AND 1/3 THE NORMAL LIME APPLICATION RATE.

COMPOSTED SLUDGE MATERIAL
 COMPOSTED SLUDGE FOR USE AS A SOIL AMENDMENT OR CONDITIONER SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:

- BE SUPPLIED BY OR ORIGINATE FROM A PERSON OR PERSONS THAT ARE PERMITTED (AT THE TIME OF ACQUISITION OF THE COMPOST) BY THE MARYLAND DEPARTMENT OF HEALTH AND MENTAL HYGIENE UNDER REGULATION 10.17.10.
- SHALL CONTAIN AT LEAST 1 PERCENT NITROGEN, 1.5 PERCENT PHOSPHORUS AND 2 PERCENT POTASSIUM AND HAVE A PH OF 7.0 AND 8.0.

IF COMPOST DOES NOT MEET THESE REQUIREMENTS, THE APPROPRIATE CONSTITUENTS MUST BE ADDED SO THAT THE REQUIREMENTS ARE MET PRIOR TO USE OF THE COMPOST.

REFERENCES

- GUIDELINE SPECIFICATIONS, SOIL PREPARATION AND SOODING. MD-VA, PUB. #1, COOPERATIVE EXTENSION SERVICE OF MARYLAND AND VIRGINIA POLYTECHNIC INSTITUTES. REVISED 1975.

SILT FENCE

Silt Fence Design Criteria

Slope Steepness	(Maximum) Slope Length	(Maximum) Silt Fence Length
Flatter than 50:1	unlimited	unlimited
50:1 to 10:1	125 feet	1,000 feet
10:1 to 5:1	100 feet	750 feet
5:1 to 3:1	60 feet	300 feet
3:1 to 2:1	40 feet	250 feet
2:1 and steeper	20 feet	125 feet

NOTE: In areas of less than 2% slope and sandy soils (USDA general classification system, soil Class A), maximum slope length and silt fence length will be unlimited. In these areas a silt fence may be the only perimeter control required.

U.S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, PAGE E-19-3A, MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

SEDIMENT 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 AT (313-1855)
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED PERMANENT AT 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1. BY 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 7, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
- ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, FOR PERMANENT SEEDINGS, SOO, TEMPORARY SEEDING AND MULCHING (SEC. G). TEMPORARY STABILIZATION WITH MULCH ALONE SHALL ONLY BE DONE 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: 8.92 ACRES
 AREA DISTURBED: 1.31 ACRES
 AREA TO BE PAVED OR PAVED (NEW IMP.): 0.23 ACRES
 AREA TO BE VEGETATIVELY STABILIZED: 0.20 ACRES
 TOTAL CUT: 618 CU. YDS.
 TOTAL FILL: 2153 CU. YDS.
 OFFSITE WASTE/BORROW AREA LOCATION: TO BE DETERMINED
- 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.
- ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING, OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.
- TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH SHALL BE BACK-FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.

PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISKING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.

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

- PREFERRED:** APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQUARE FT) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ FT) BEFORE SEEDING. HARROW OR DISK INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS/1000 SQ FT).
- ACCEPTABLE:** APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ FT) AND 1000 LBS PER ACRE 10-10-10 FERTILIZER (23 LBS/1000 SQ FT) BEFORE SEEDING. HARROW OR DISK INTO UPPER THREE INCHES OF SOIL.

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS PER ACRE (1.4 LBS/1000 SQ FT) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 60 LBS KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS PER ACRE (OS LBS/1000 SQ FT) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 15 THRU FEBRUARY 28, PROTECT SITE BY OPTION (1) 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE SOO. OPTION (3) SEED WITH 60 LBS/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW.

MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ FT) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GALL/1000 SQ FT) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ FT) FOR ANCHORING.

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

TEMPORARY SEEDING NOTES

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

SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISKING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.

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

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 15, SEED WITH 2 1/2 BUSHEL PER ACRE OF ANNUAL RYE (5.2 LBS/1000 SQ FT). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEEPING LOVEGRASS (607 LBS/1000 SQ FT). FOR THE PERIOD NOVEMBER 15 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOO.

MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ FT) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GAL PER ACRE (5 GAL/1000 SQ FT) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FT OR HIGHER, USE 348 GAL PER ACRE (8 GAL/1000 SQ FT) FOR ANCHORING.

REFER TO THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

ALTERNATIVE FOR PERMANENT SEEDING
 AS AN OPTION TO APPLYING THE FULL AMOUNTS OF LIME AND COMMERCIAL FERTILIZER, APPLY COMPOSTED SLUDGE AS SPECIFIED BELOW, A POTASSIUM FERTILIZER AT THE RATE OF 4 POUNDS PER 1,000 SQ. FT. AND 1/3 THE NORMAL LIME APPLICATION RATE.

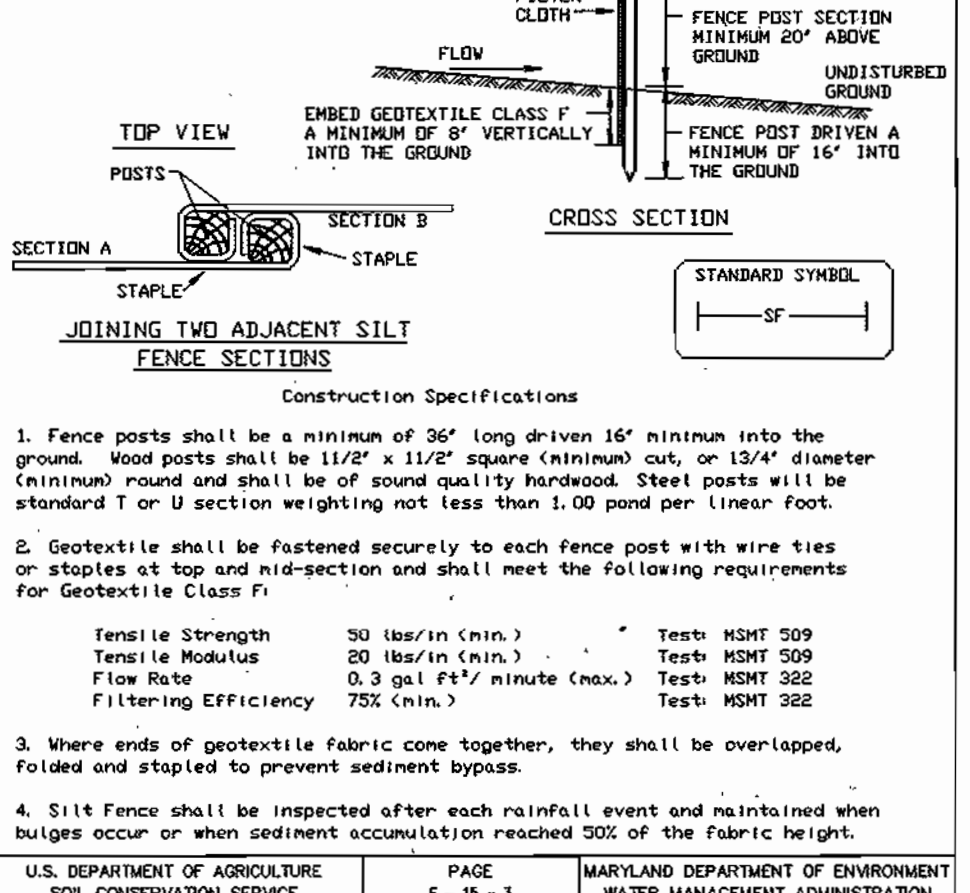
COMPOSTED SLUDGE MATERIAL
 COMPOSTED SLUDGE FOR USE AS A SOIL AMENDMENT OR CONDITIONER SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:

- BE SUPPLIED BY OR ORIGINATE FROM A PERSON OR PERSONS THAT ARE PERMITTED (AT THE TIME OF ACQUISITION OF THE COMPOST) BY THE MARYLAND DEPARTMENT OF HEALTH AND MENTAL HYGIENE UNDER REGULATION 10.17.10.
- SHALL CONTAIN AT LEAST 1 PERCENT NITROGEN, 1.5 PERCENT PHOSPHORUS AND 2 PERCENT POTASSIUM AND HAVE A PH OF 7.0 AND 8.0.

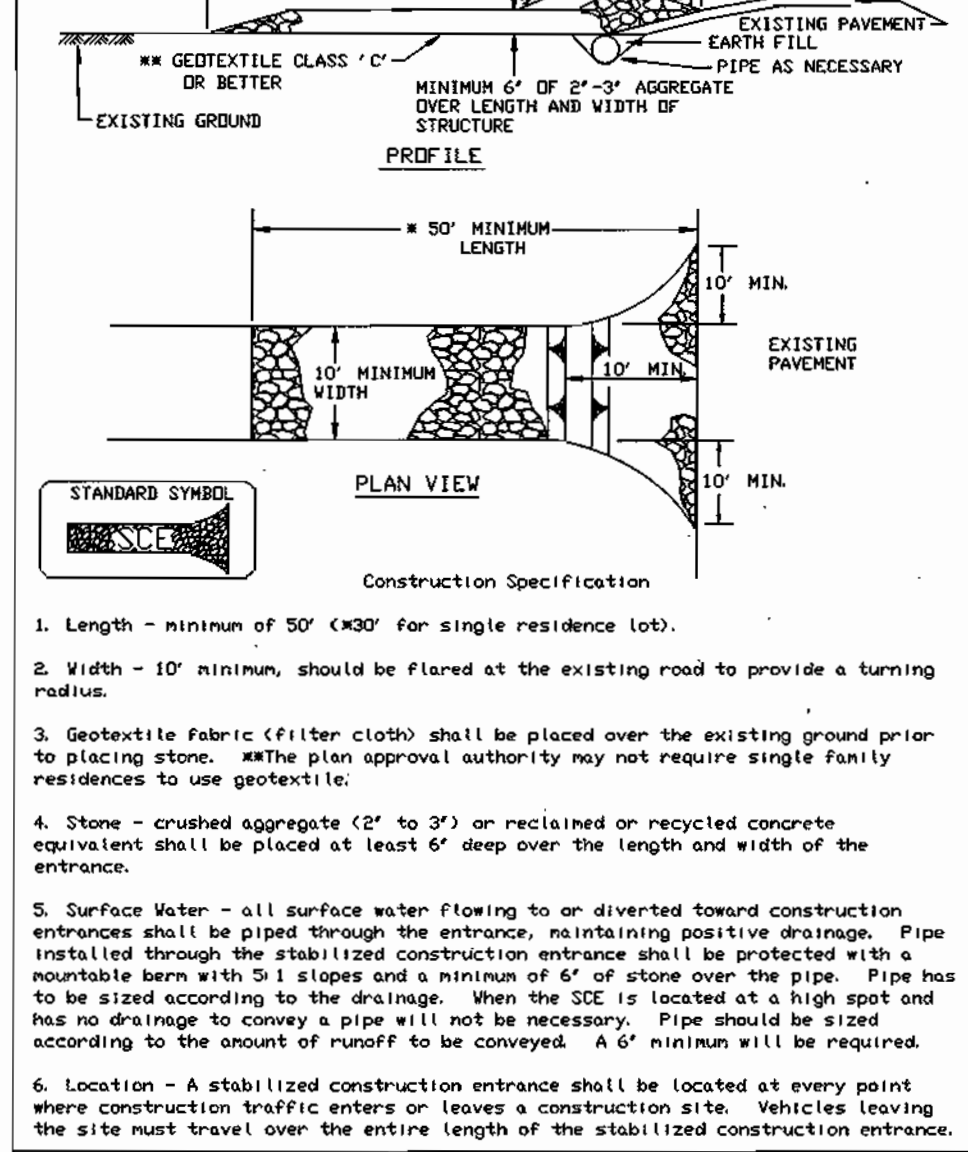
IF COMPOST DOES NOT MEET THESE REQUIREMENTS, THE APPROPRIATE CONSTITUENTS MUST BE ADDED SO THAT THE REQUIREMENTS ARE MET PRIOR TO USE OF THE COMPOST.

REFERENCES

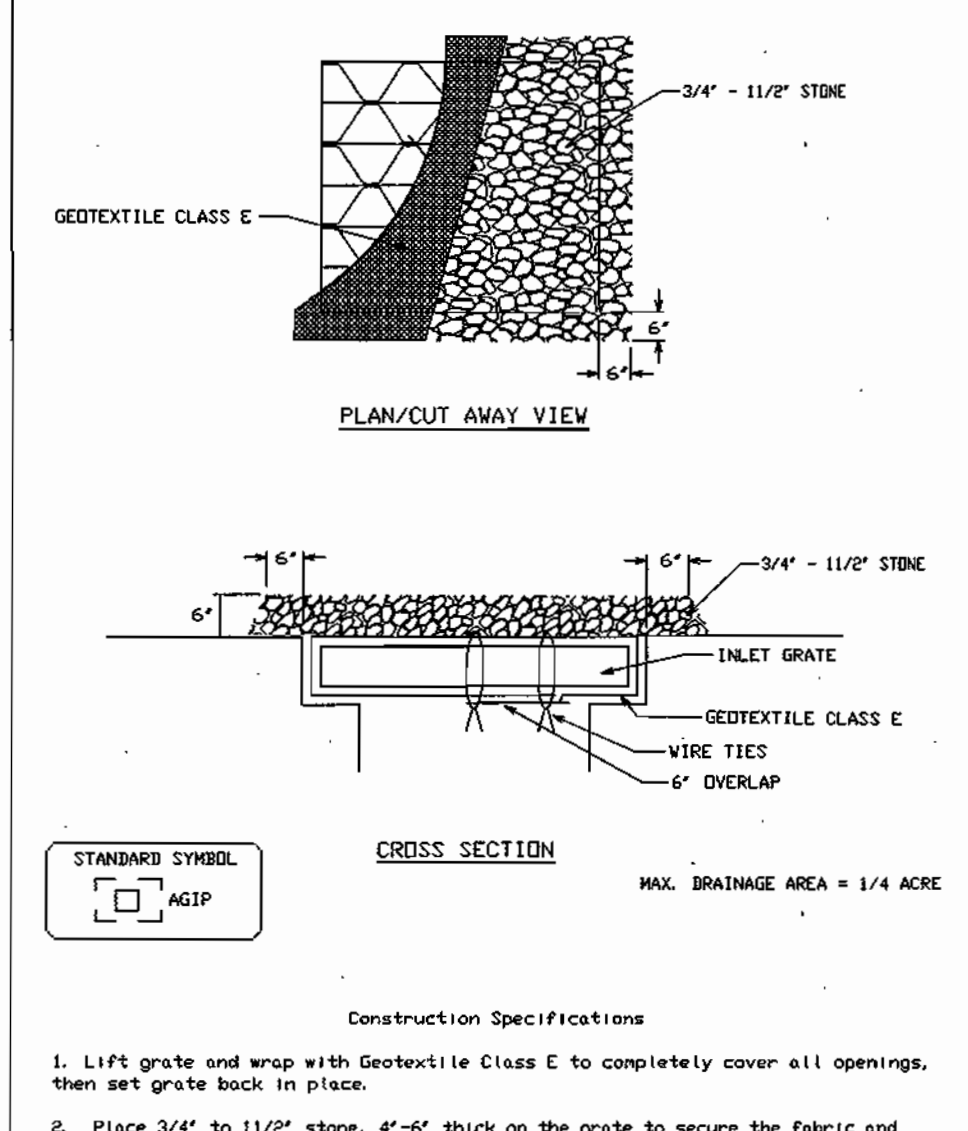
- GUIDELINE SPECIFICATIONS, SOIL PREPARATION AND SOODING. MD-VA, PUB. #1, COOPERATIVE EXTENSION SERVICE OF MARYLAND AND VIRGINIA POLYTECHNIC INSTITUTES. REVISED 1975.



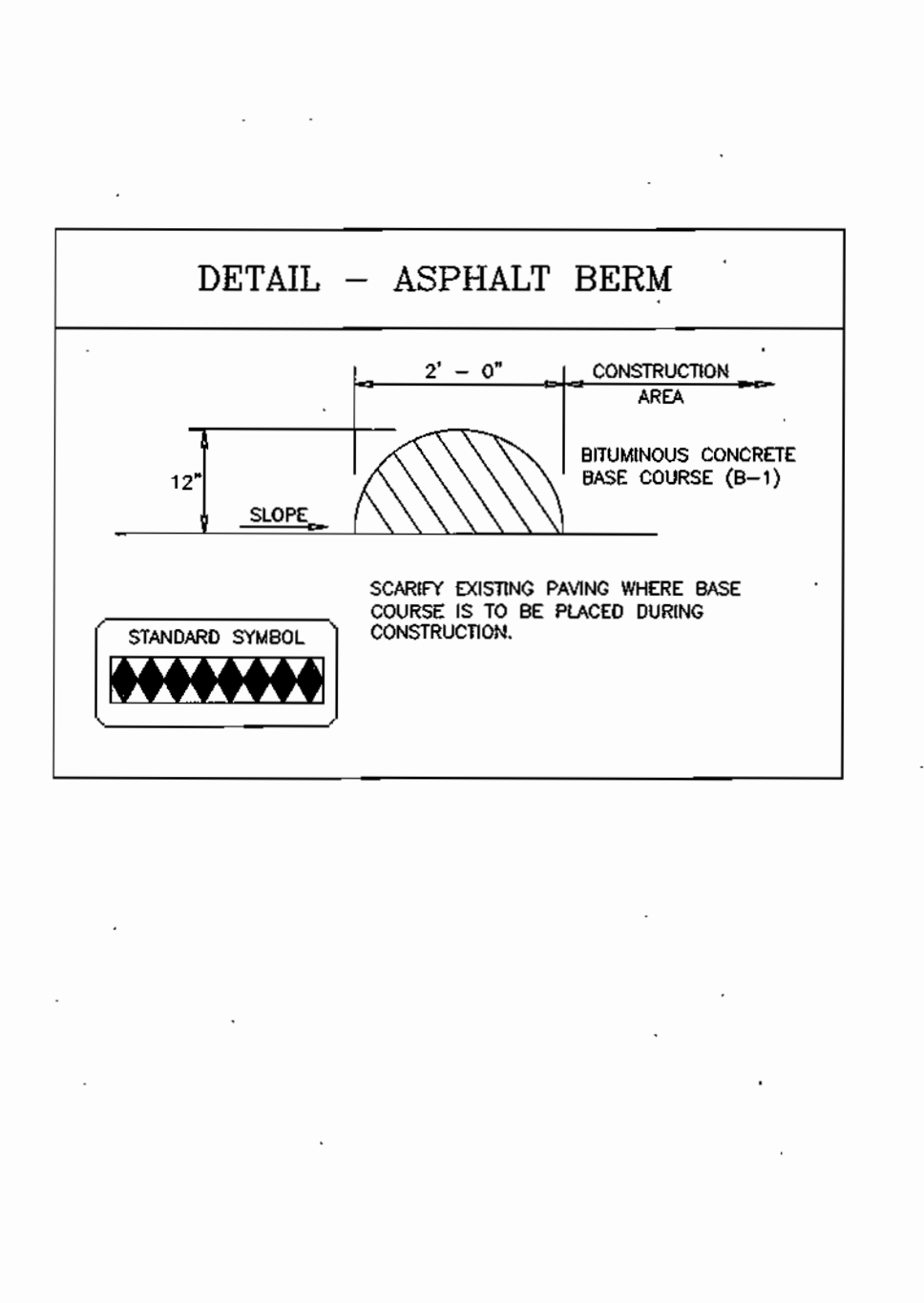
DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE



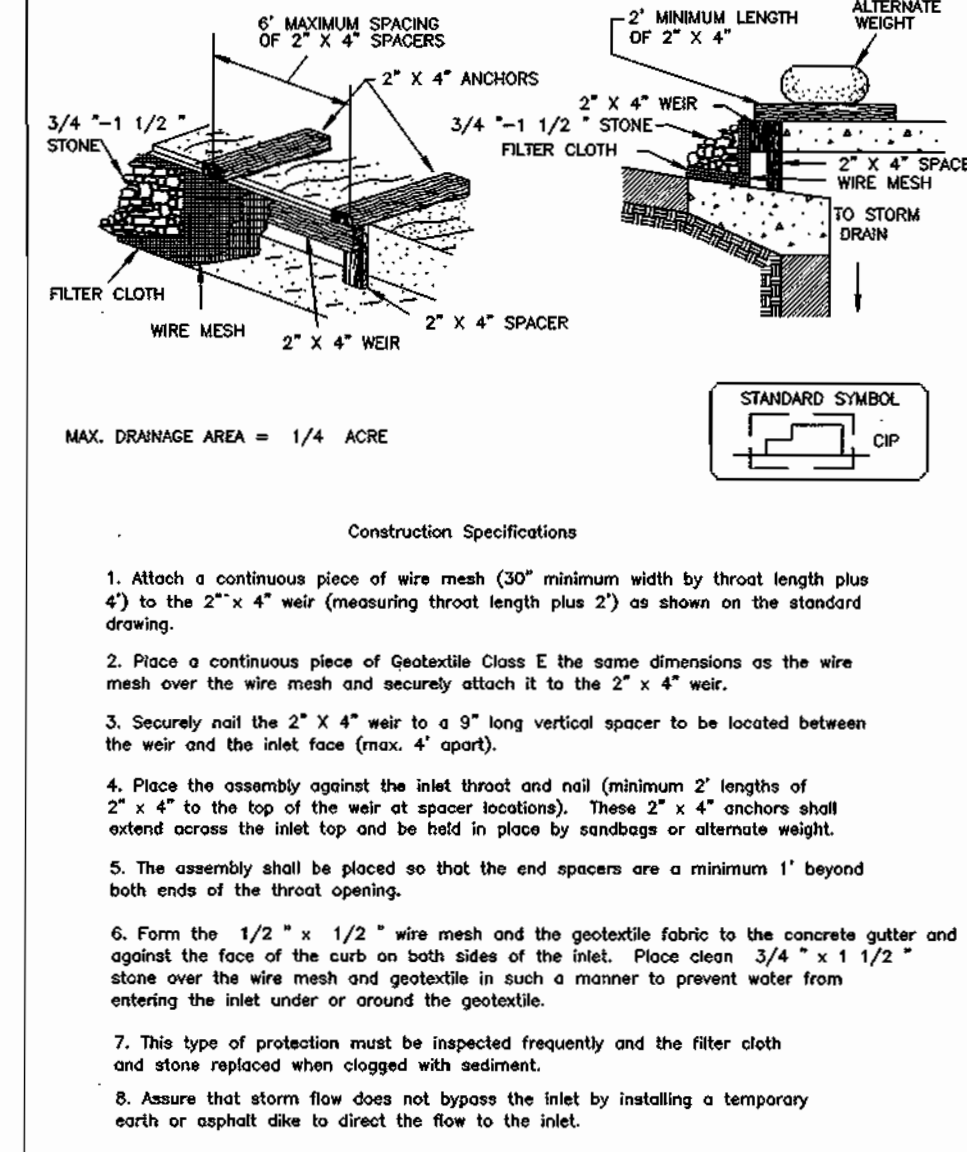
DETAIL 23B - AT GRADE INLET PROTECTION



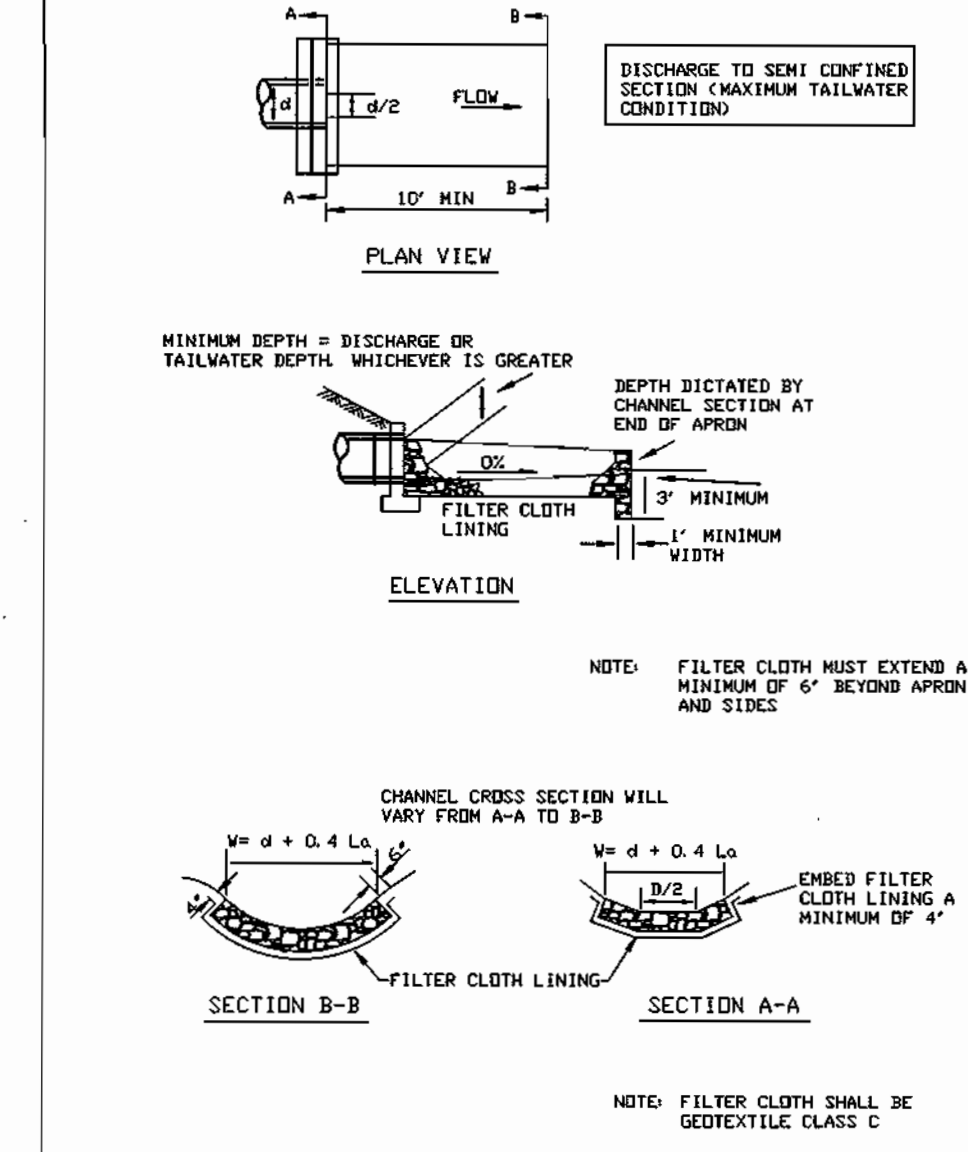
DETAIL - ASPHALT BERM



DETAIL 23C - CURB INLET PROTECTION (COG OR COS INLETS)



DETAIL 25 - ROCK OUTLET PROTECTION I



SEQUENCE OF CONSTRUCTION

DAY	ACTIVITY
(1 DAY)	DAY 1 OBTAIN A GRADING PERMIT
(2 DAYS)	DAY 2-3 CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE (SCE)
(5 DAYS)	DAY 4-8 CLEAR AND GRUB AREA FOR, AND INSTALL REMAINING SEDIMENT CONTROL DEVICES, AND GET PERMISSION FROM SEDIMENT CONTROL INSPECTOR BEFORE PROCEEDING.
(15 DAYS)	DAY 9-23 ROUGH GRADE SITE AND STABILIZE AS PER TEMPORARY SEEDING NOTES.
(60 DAYS)	DAY 24-84 CONSTRUCT BUILDING.
(21 DAYS)	DAY 85-106 INSTALL ALL UTILITIES, IE., BURIED CABLES, STORM DRAINS, ETC.
(15 DAYS)	DAY 107-122 CONSTRUCT CURBS, PAVING AND SIDEWALKS.
(5 DAYS)	DAY 123-128 STABILIZE ALL DISTURBED AREAS IN ACCORDANCE WITH PERMANENT SEEDING NOTES.
(3 DAYS)	DAY 129-131 FINE GRADE SITE AND SEED DISTURBED AREAS IN ACCORDANCE WITH PERMANENT SEEDING NOTES.
(5 DAYS)	DAY 132-137 WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED AND UPON APPROVAL OF THE SEDIMENT CONTROL INSPECTOR, REMOVE ALL REMAINING SEDIMENT CONTROL DEVICES AND STABILIZE ALL DISTURBED AREAS IN ACCORDANCE WITH THE PERMANENT SEEDING NOTES.

ENGINEER'S CERTIFICATE

I, John R. Henrichs, VICE PRESIDENT, PHOENIX ENGINEERING, INC., DATE 5/14/03

DEVELOPER'S CERTIFICATE

I, Dave Openshaw, DATE 5-22-03

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

John R. Henrichs, DATE 9/11/03

John R. Henrichs, DATE 9/11/03

APPROVED: DEPARTMENT OF PLANNING AND ZONING

John R. Henrichs, DATE 9/11/03

John R. Henrichs, DATE 1/22/03

John R. Henrichs, DATE 1/22/03

CHERRY HILL CONSTRUCTION INC. BUILDING ADDITION

8211 WASHINGTON BOULEVARD, JESSUP, MARYLAND 20794

Tax Map No. 43, Grid 20, Parcel 226, Elec. Dist. No. 6

HOWARD COUNTY, MARYLAND

OWNER/DEVELOPER: ATTN: DAVE OPENSHAW, CHERRY HILL CONSTRUCTION INC., 8211 WASHINGTON BOULEVARD, JESSUP, MARYLAND 20794, (410) 799-3577

SEDIMENT CONTROL NOTES AND DETAILS

PREPARED BY: PHOENIX ENGINEERING, INC. CONSULTING ENGINEERS, 1420-A JOH AVENUE, BALTIMORE, MARYLAND 21227, (410) 247-8833, FAX 247-9397

Des By: R.J.W. Scale: AS SHOWN Proj No: 01-034

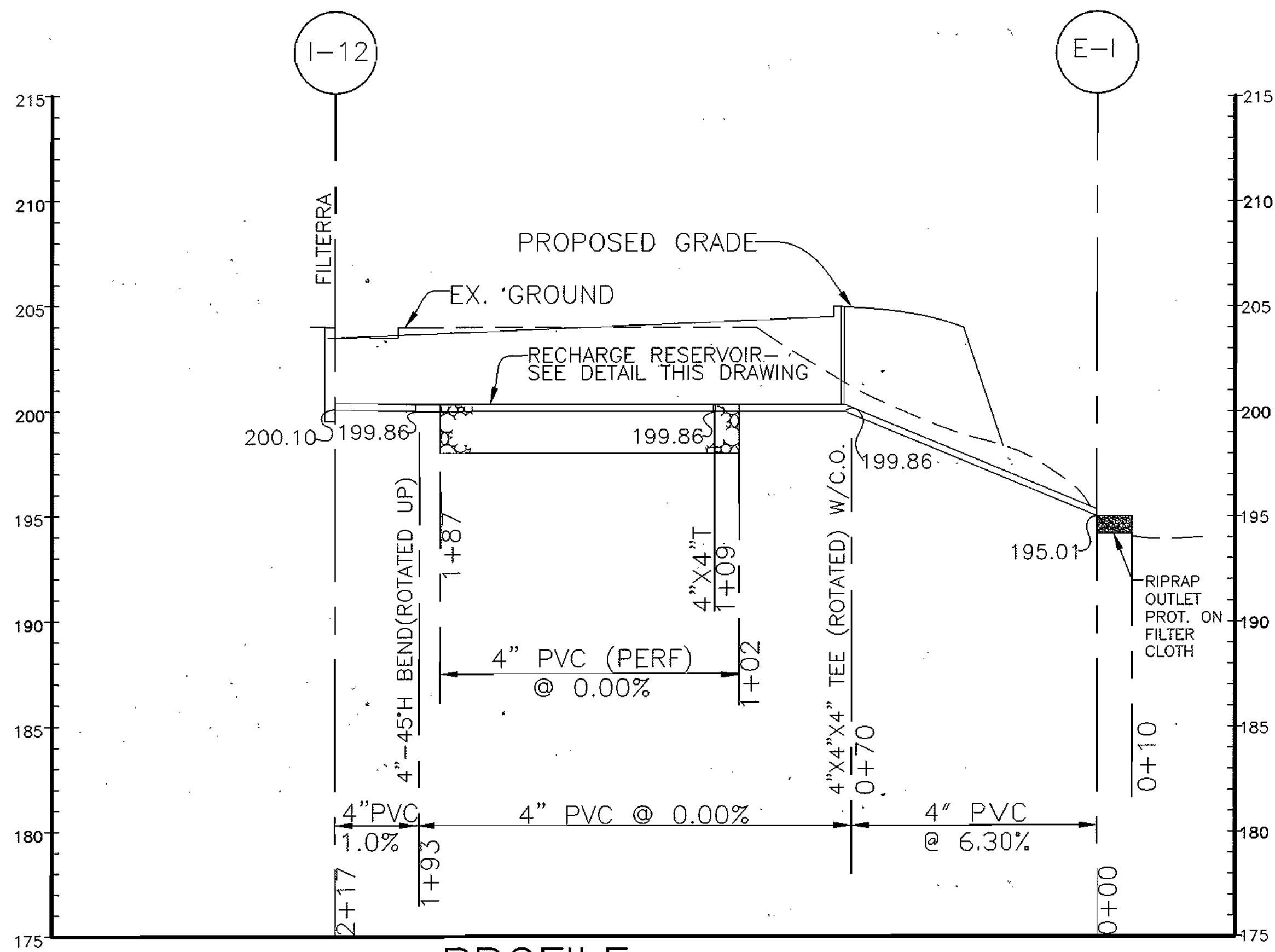
Drn By: R.H.D. Date: OCTOBER, 2002 DRAWING NO: SEDDETAL.DWG

Chk By: J.R.H. SDP-02-156 4 OF 7

SDP-02-156

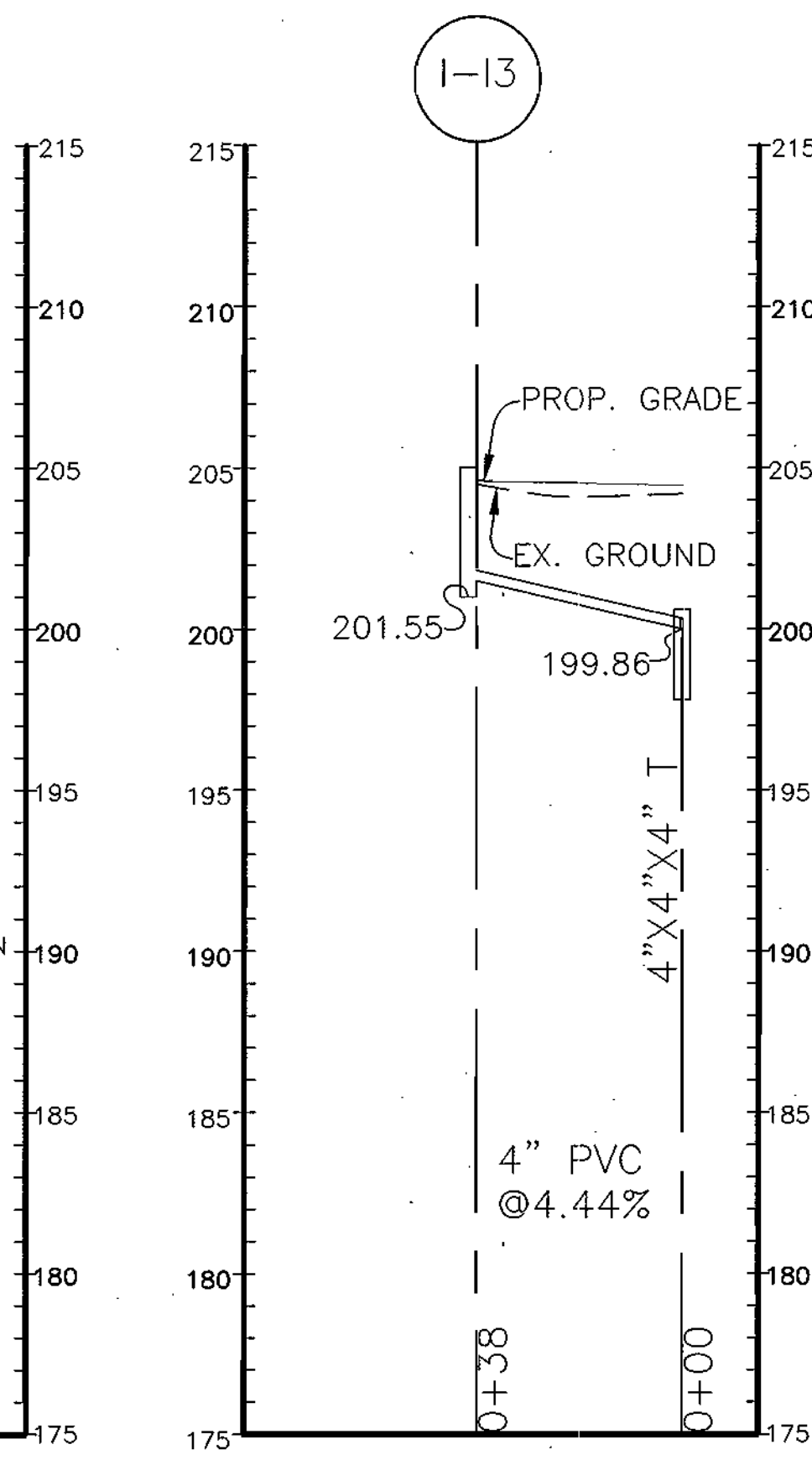
FILTERRA MAINTENANCE SCHEDULE
 MAINTENANCE NOTES
 (WATER QUALITY STRUCTURE WASTE)

1. FILTERRA WATER QUALITY STRUCTURES WILL REQUIRE PERIODIC INSPECTION AND CLEANING TO MAINTAIN OPERATION AND FUNCTION. OWNERS WILL HAVE THE FILTERRA UNIT VISUALLY INSPECTED TWICE A YEAR OR AFTER A MAJOR STORM EVENT AS REQUIRED BY HOWARD COUNTY. INSPECTIONS CAN BE DONE BY OWNERS REPRESENTATIVE. WHEN SEDIMENT DEPTHS EXCEED 1" THEN CLEANING OF THE UNIT IS REQUIRED.
2. THE FILTERRA MUST AND WILL BE CLEANED IMMEDIATELY AFTER A PETROLEUM SPILL OCCURS. ALL APPROPRIATE REGULATORY AGENCIES WILL BE NOTIFIED IN THE EVENT OF A SPILL.
3. CLEANING OF FILTERRA UNITS SHOULD BE DONE BY REMOVING THE TOP SLAB AND REPLACING THE FILTER MEDIA WITH NEW MEDIA OF THE REQUIRED VOLUME AND COMPOSITION AND CERTIFIED BY MANUFACTURER TO MEET THE NECESSARY POLLUTANT REMOVAL REQUIREMENTS.
4. THE DISPOSAL OF THE SOLID MATTER SHALL BE AS FOLLOWS: ALL SOLID MATTER SHALL BE INCINERATED BY A LICENSED FACILITY OR TAKEN TO AN APPROVED SANITARY LANDFILL AND DISCHARGED IN AN APPROVED MANNER.
5. FILTERRA INLET AND OUTLET PIPES SHALL BE PERIODICALLY INSPECTED FOR BLOCKAGES. BLOCKAGES SHALL BE REMOVED AND DISPOSED OF AS REQUIRED IN 4 ABOVE. STRUCTURAL PARTS SHALL BE INSPECTED AND REPAIRED AS NEEDED.
6. THE OWNER SHALL RETAIN AND MAKE FILTERRA INSPECTION LOGS AVAILABLE TO HOWARD COUNTY UPON THEIR REQUEST.



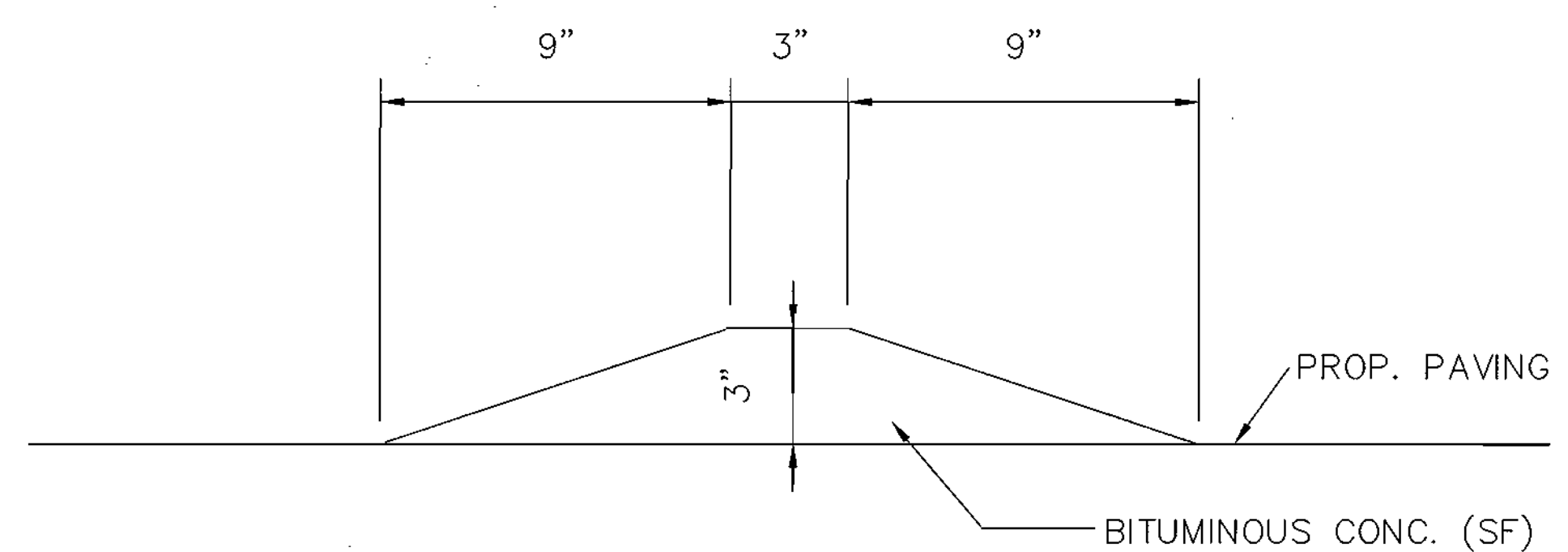
PROFILE I-12

SCALE H=1"=30'
 V=1"=5'



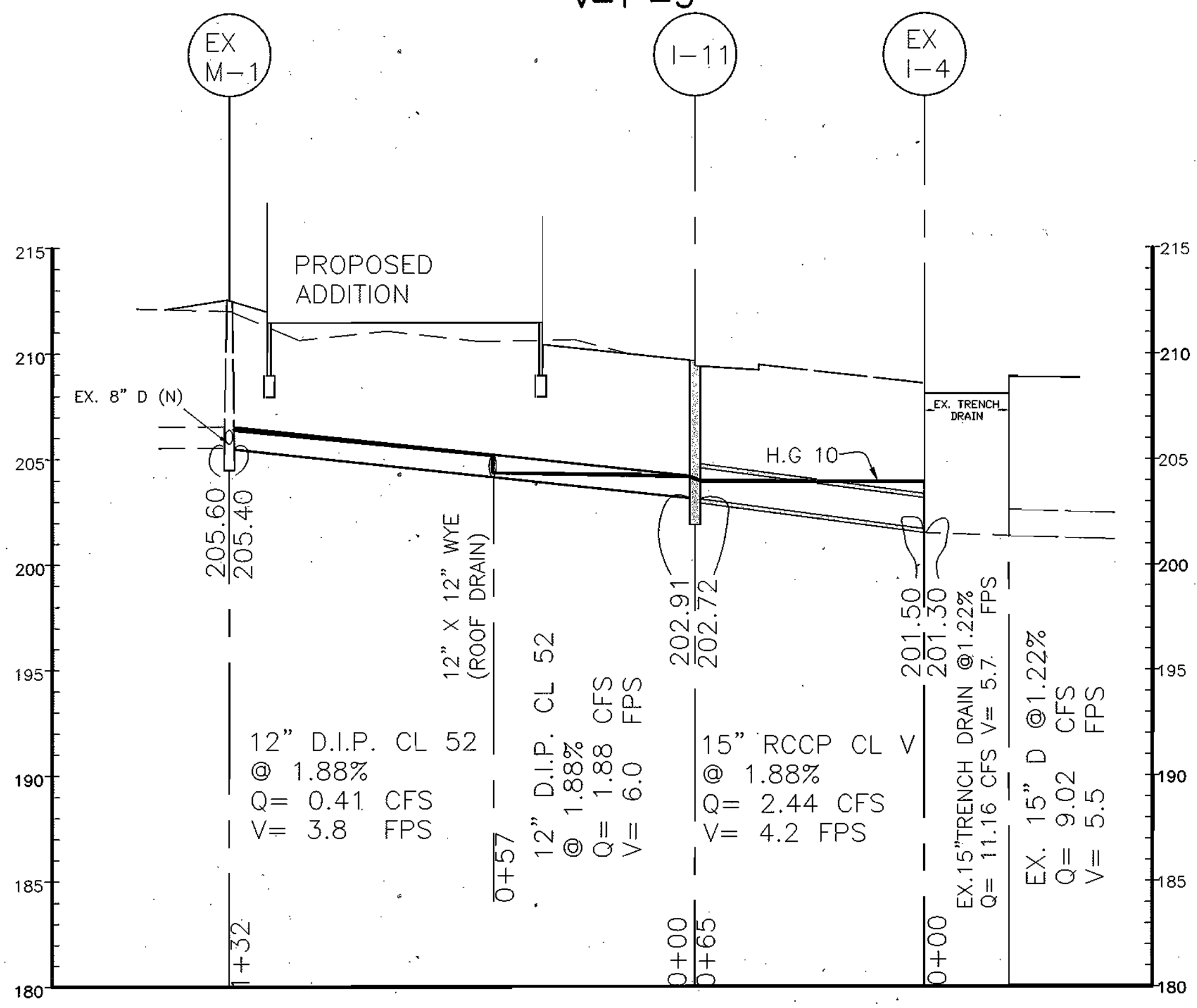
PROFILE I-13

SCALE H=1"=30'
 V=1"=5'



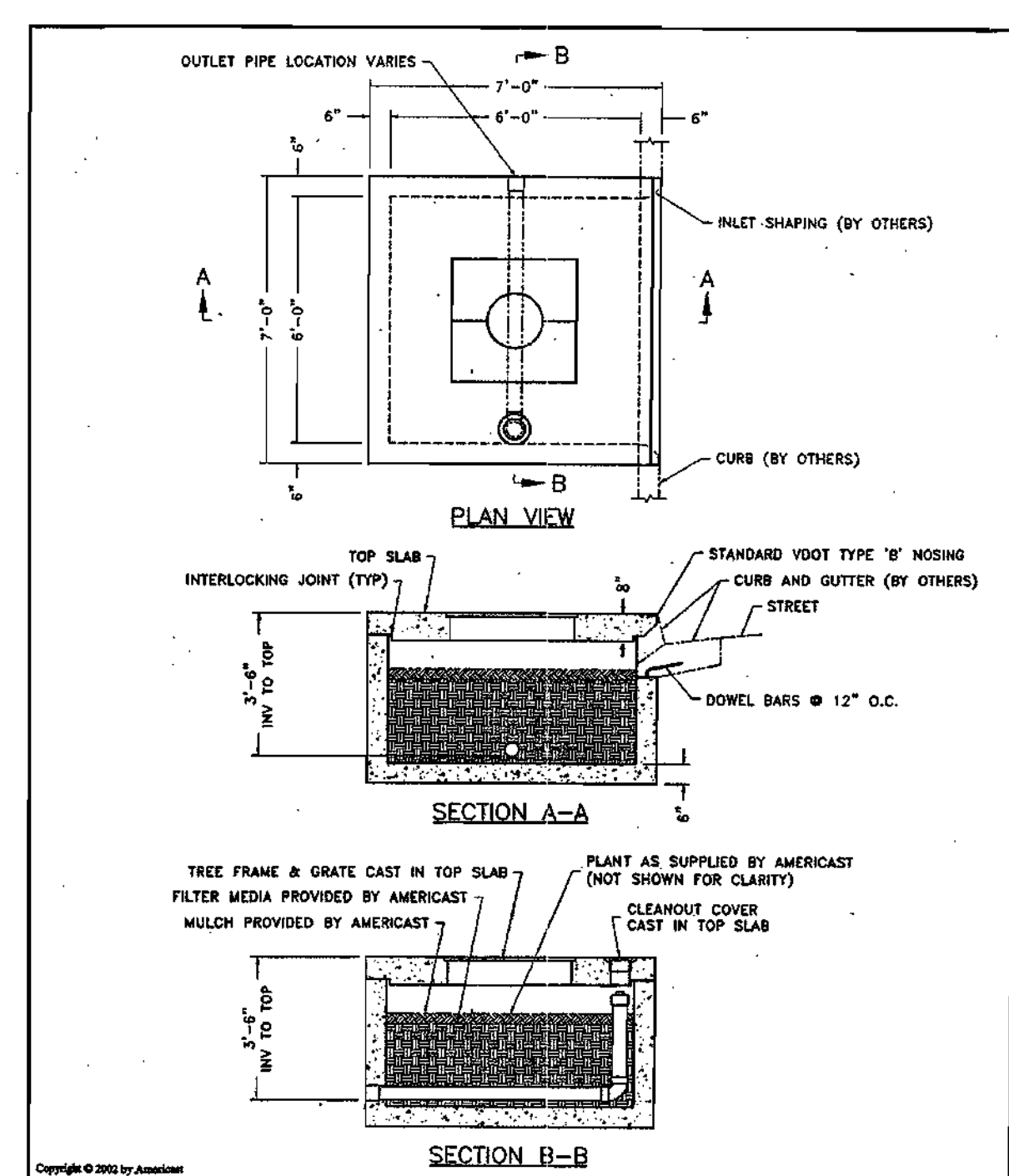
SPEED BUMP DETAIL

NO SCALE



PROFILE I-11

SCALE H=1"=30'
 V=1"=5'



SECTION THRU RECHARGE RESERVOIR

NO SCALE

WRAP RESERVOIR IN FILTER CLOTH ON ALL 4 SIDES, TOP AND BOTTOM

ENGINEER'S CERTIFICATE
 I/WE 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 COUNTY SOIL CONSERVATION DISTRICT.
 ENGINEER: JOHN R. HEINRICHS, VICE PRESIDENT
 PHOENIX ENGINEERING, INC. DATE: 5/22/03

DEVELOPER'S CERTIFICATE
 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 MARYLAND DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.
 DEVELOPER: DAVE OPENSHAW
 CHERRY HILL CONSTRUCTION DATE: 5-22-03

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
 JOHN MEXUS DATE: 9/4/03
 NATURAL RESOURCES CONSERVATION SERVICES

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
 JOHN R. ROBERTSON DATE: 9/4/03
 HOWARD S.C.D.

APPROVED: DEPARTMENT OF PLANNING AND ZONING
 [Signature] DATE: 9/16/03
 CHIEF, DEVELOPMENT ENGINEERING DIVISION

[Signature] DATE: 10/22/03
 CHIEF, DIVISION OF LAND DEVELOPMENT

[Signature] DATE: 1/24/04
 DIRECTOR

Date	No	Revision Description

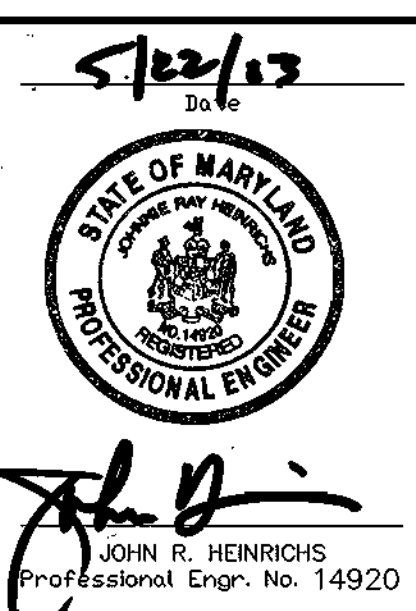
PROJECT:
 CHERRY HILL CONSTRUCTION INC.
 BUILDING ADDITION
 8211 WASHINGTON BOULEVARD
 JESSUP, MARYLAND 20794
 Tax Map No. 43, Grid 20, Parcel 226, Elec. Dist. No. 6
 HOWARD COUNTY, MARYLAND

OWNER/DEVELOPER:
 ATTN: DAVE OPENSHAW
 CHERRY HILL CONSTRUCTION INC.
 8211 WASHINGTON BOULEVARD
 JESSUP, MARYLAND 20794
 (410) 799-3577

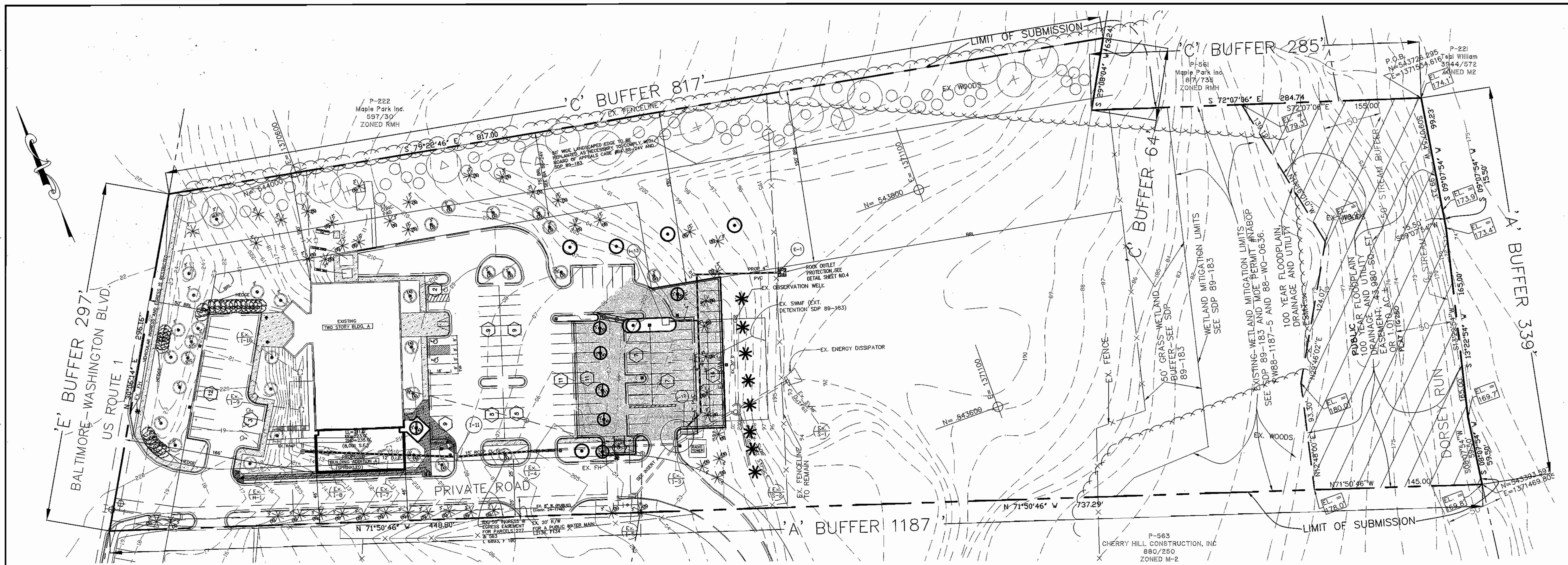
TITLE:
 STORMWATER MANAGEMENT
 NOTES AND DETAILS

PREPARED BY:
 PHOENIX ENGINEERING, INC.
 CONSULTING ENGINEERS
 1420-A JOH AVENUE
 BALTIMORE, MARYLAND 21227
 (410) 247-8833 FAX 247-9397

Des By	R.J.W.	Scale	AS SHOWN	Proj No	01-034
Drn By	S.E.W.	Date	NOVEMBER, 2002	DRAWING NO	SWMDET.DWG
Chk By	J.R.H.	SDP	02-156		6 OF 7



AMERICAST
 A Division of Valley Bell, Inc.
 DATE: 06-21-02 DRWG: FILTERRA01
 PRECAST 6'-0" x 6'-0" FILTERRA™ INLET



Developers/Builders Certificate

I/We certify that the landscape 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.

D. Openshaw 5-22-03
 Dave Openshaw Date

This plan has been prepared in accordance with the provision of Section 16.124 of the Howard County Code and the Landscape Manual.

NOTES

Financial surety for the required landscaping has been posted as part of the DPW DEVELOPERS AGREEMENT in the amount of \$15,450.00. This surety is based on BA 88-24V and SDP 89-183.

The owner, tenant, and/or their agents shall be responsible for the maintenance of the required landscaping, including both plant materials and berm, 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.

P-227
 CHERRY HILL CONSTRUCTION, INC
 2423/547
 ZONED M-2

PLAN
 SCALE: 1"=40'

PLANT LIST			
SYMBOL	QUANTITY	NAME	SIZE
○	3	ACER RUBRUM 'RED SUNSET' RED SUNSET RED MAPLE	2 1/2"-3" CAL. B&B
+	7	QUERCUS PALUSTRIS PIN OAK	2 1/2"-3" CAL. B&B
△	5	TILIA CORDATA 'GREENSPIRE' GREENSPIRE LINDEN	2 1/2"-3" CAL. B&B
⊗	1	PYRUS CALLERYANA REDSPIRE REDSPIRE PEAR	2 1/2"-3" CAL. B&B
⊙	43	PINUS STROBUS WHITE PINE	6'-8" B&B @ 3' O.C. SPACING

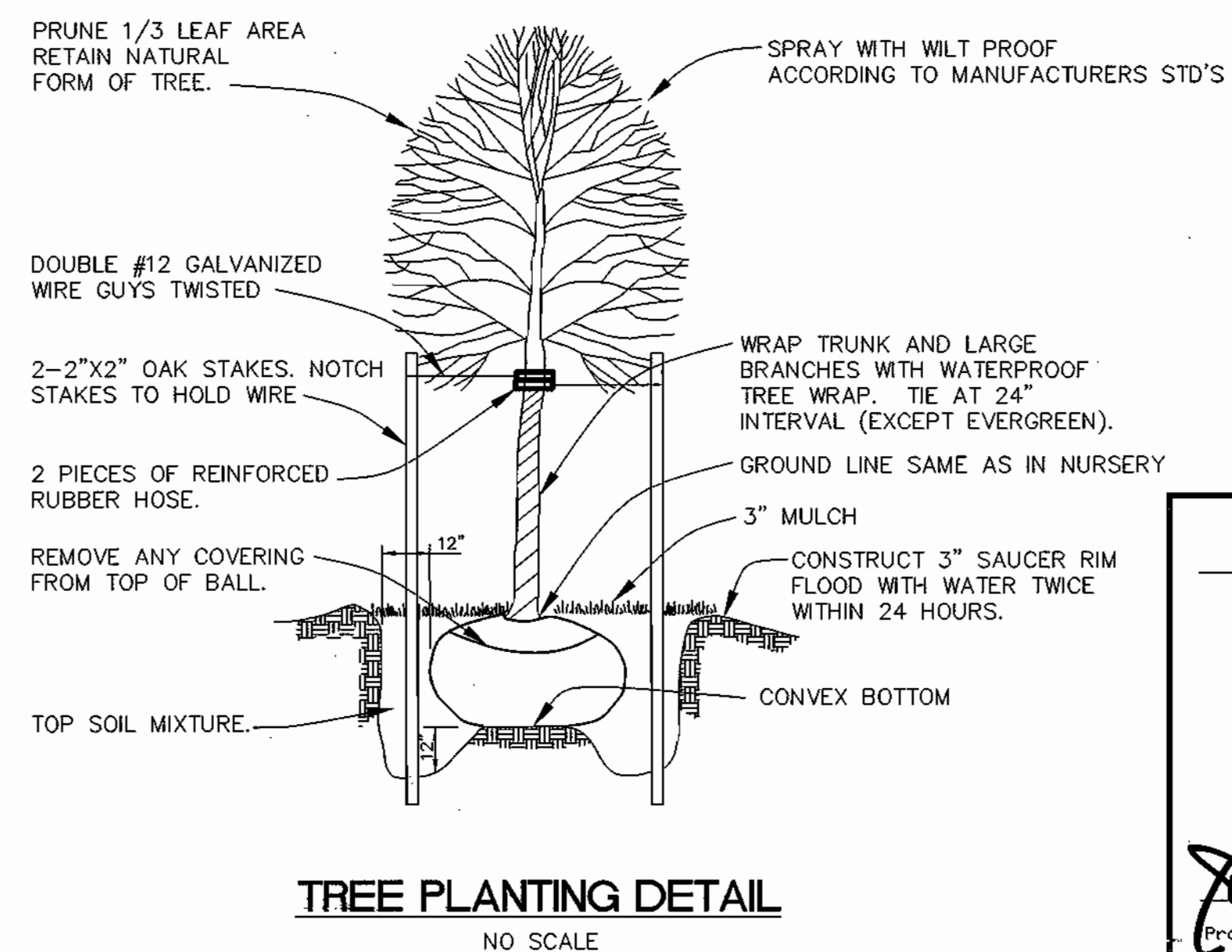
THESE PLANTINGS INDICATE REQUIRED TREES AS PART OF SDP 89-183 THAT ARE TO BE INSTALLED AND HAVE SURETY POSTED AS PART OF THIS SITE DEVELOPMENT PLAN.

CATEGORY	SCHEDULE A	
	ADJACENT TO ROADWAYS	ADJACENT TO PERIMETER PROPERTIES
LANDSCAPE TYPE	E (1:40)	C (1:40) A (1:80)
LINEAR FEET OF ROADWAY	297'	1165' 1526'
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET)	8 EX.(SHADE) 32 EX.(SHRUB) 297'	8 EX.(SHADE) 23 EX.(EVERGREEN) 627'
CREDIT FOR WALL, FENCE OR BERM (YES, NO, LINEAR FEET)	140'	0
NUMBER OF PLANTS REQUIRED		
SHADE TREES	0	6
EVERGREEN TREES	0	4
SHRUBS	0	0
NUMBER OF SHADE TREES PROVIDED		
SHADE TREES	8	6
EVERGREEN TREES	0	4
OTHER TREES (2:1 SUBSTITUTION)	0	0
SHRUBS (2:1 SUBSTITUTION)	0	0

PLANT SCHEDULE			
SYMBOL	QUANTITY	NAME	SIZE
⊙	6	SHADE TREES ACER RUBRUM RED MAPLE	2 1/2"-3" MIN CAL. B&B
⊗	8	PINUS STROBUS WHITE PINE	6'-8" HGT
⊙	6	EXISTING TREES	VARIES SEE SDP 89-183
⊙	7	EXISTING TREES TO BE REMOVED AND REPLANTED ON SITE (1) ACER RUBRUM (1) RED MAPLE (3) GREENSPIRE LINDEN (3) PYRUS CALLERYANA REDSPIRE (4) REDSPIRE PEAR	VARIES (3" MIN CAL)
⊗	6	PINUS STROBUS (5) WHITE PINE	6'-8" HGT (MIN)

**SCHEDULE B
 PARKING LOT INTERNAL LANDSCAPING**

NUMBER OF PARKING SPACES (PROPOSED)	29
NUMBER TREES REQUIRED	2
NUMBER OF TREES PROVIDED	2
SHADE TREES	2
OTHER TREES (2:1 SUBSTITUTION)	0
NUMBER OF ISLANDS REQUIRED @1/20	2
NUMBER OF ISLANDS PROVIDED	2



APPROVED: DEPARTMENT OF PLANNING AND ZONING
Chris Hamilton 9/16/03
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE
Chris Hamilton 10/22/03
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE
Mark A. Gault 10/20/03
 DIRECTOR DATE

Date	No	Revision Description

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**CHERRY HILL CONSTRUCTION INC.
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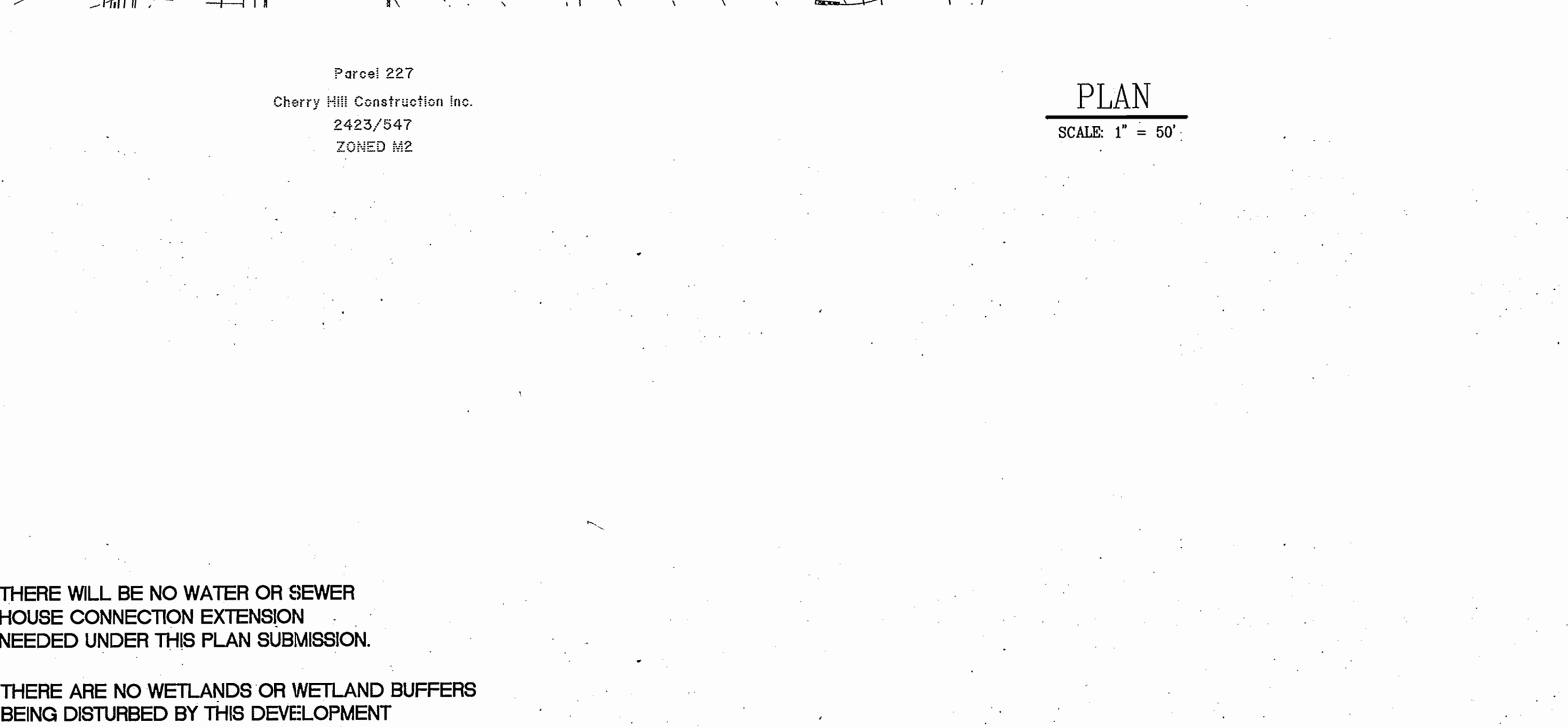
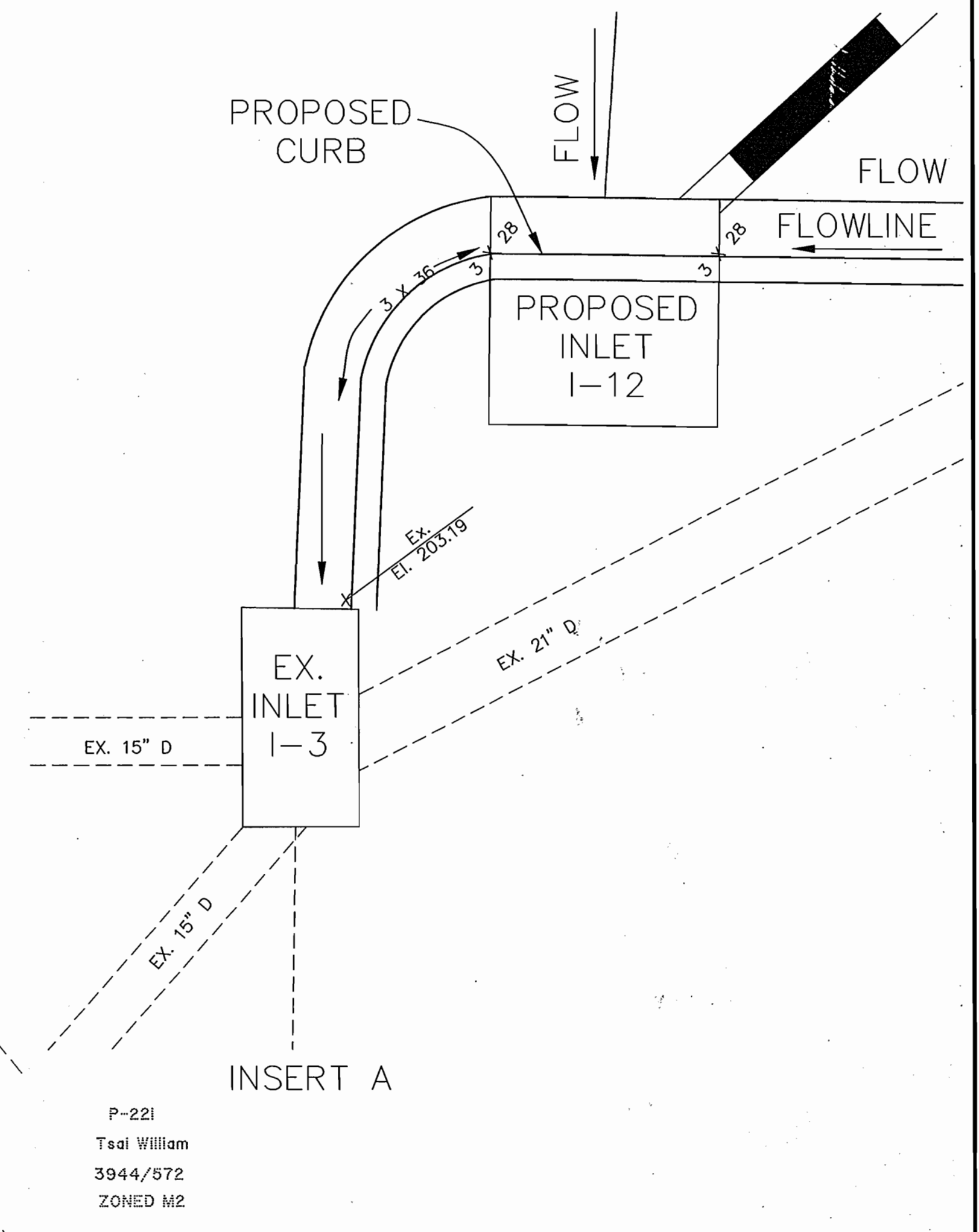
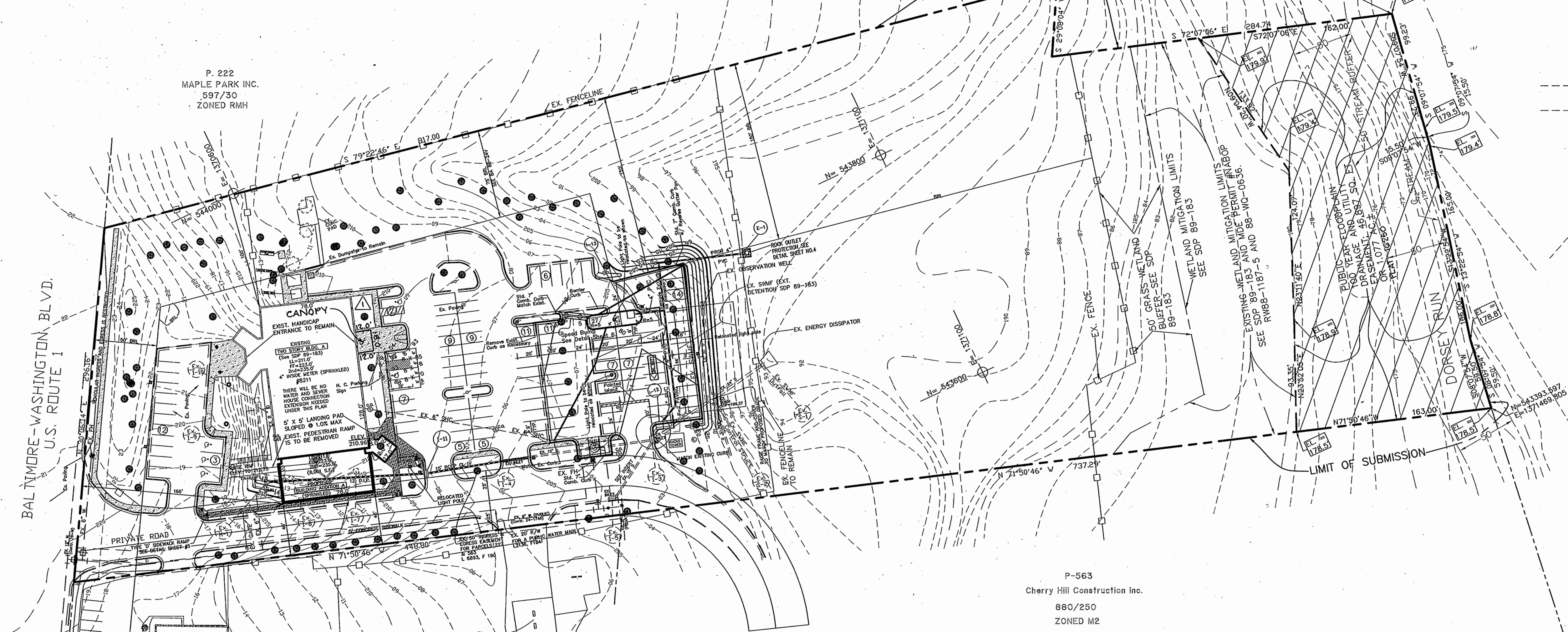
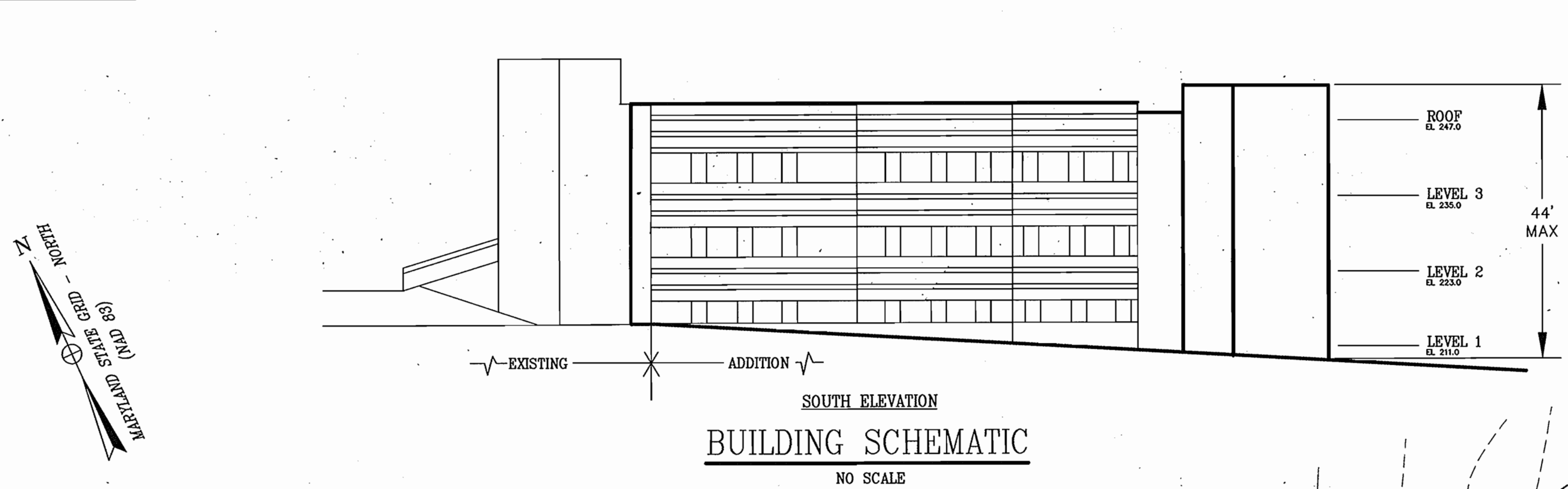
OWNER/DEVELOPER:
 ATTN: DAVE OPENSHAW
 CHERRY HILL CONSTRUCTION INC.
 8211 WASHINGTON BOULEVARD
 JESSUP, MARYLAND 20794
 (410) 799-3577

TITLE:
LANDSCAPE PLAN

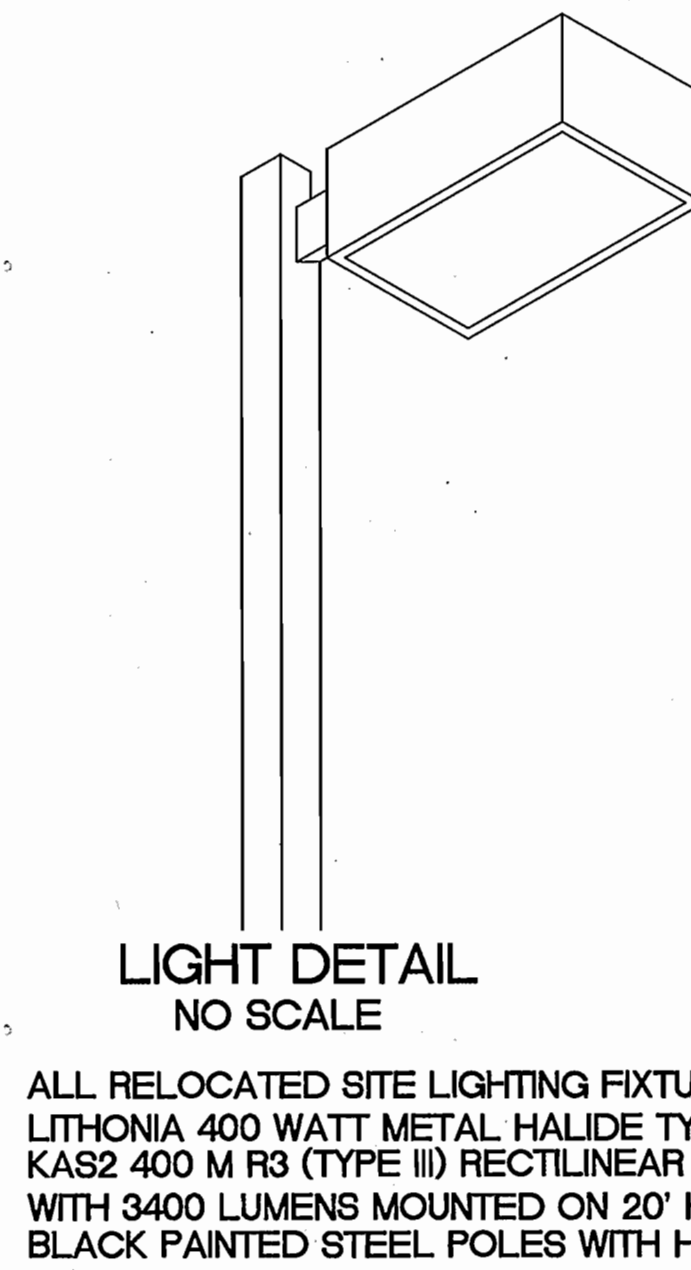
PREPARED BY:
PHOENIX ENGINEERING, INC.
 CONSULTING ENGINEERS
 1420-J JOHNS AVENUE
 BALTIMORE, MARYLAND 21227
 (410) 247-8833 FAX 247-9387

Des By: R.J.W. Scale: 1"=40' Proj No: 01-034
 Dwn By: S.E.W. Date: OCTOBER, 2002 DRAWING NO: 1001chhll.dwg
 Ck'd By: J.R.H. SDP-02-156 7 OF 7

5/22/03
 JOHN R. HEINRICHS
 Professional Eng. No. 14920



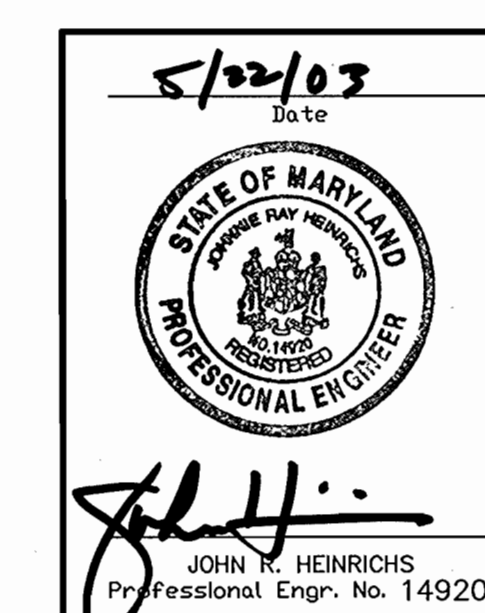
- LEGEND**
- EX. FIRE HYDRANT
 - EX. LIGHT POLE
 - M.B. EX. MAIL BOX
 - C.O. EX. SAN. CLEAN OUT
 - M.H. EX. SANITARY SEWER
 - TV EX. CABLE TV BOX
 - W.M. EX. WATER METER
 - FLOW ARROW

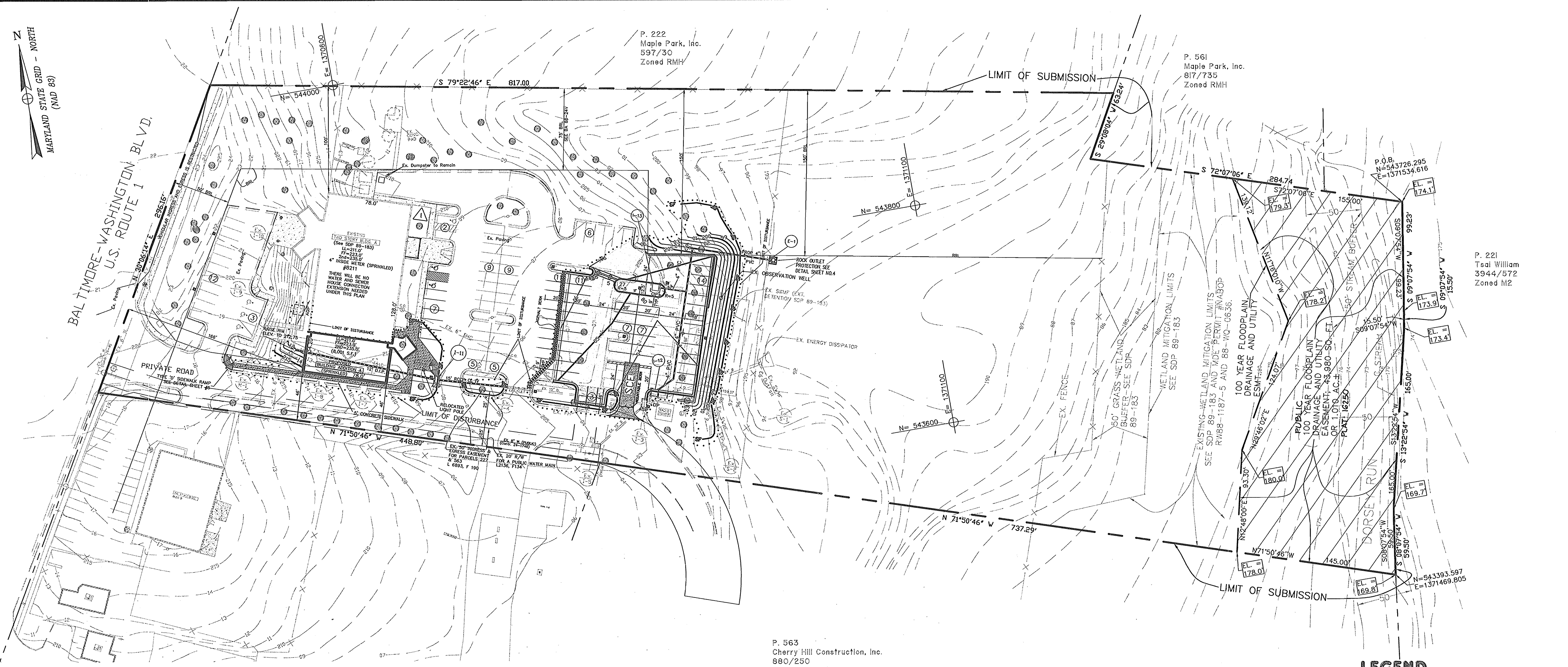
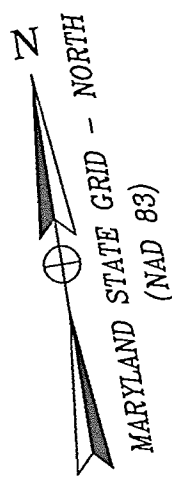


APPROVED: DEPARTMENT OF PLANNING AND ZONING

<i>Mark A. Cejka</i>	9/16/03
DATE	DATE
<i>Chris Hamilton</i>	1/22/03
DATE	DATE
<i>Mark A. Cejka</i>	1/20/03
DATE	DATE

7-1-04	ADDED CANOPY AT REAR ENTRANCE	
Date	Revision Description	
PROJECT: CHERRY HILL CONSTRUCTION INC. BUILDING ADDITION 8211 WASHINGTON BOULEVARD JESSUP, MARYLAND 20794 Tax Map No. 43, Grid 20, Parcel 226, Elec. Dist. No. 6 HOWARD COUNTY, MARYLAND		
OWNER/DEVELOPER: ATTN: DAVE OPENSHAW CHERRY HILL CONSTRUCTION INC. 8211 WASHINGTON BOULEVARD JESSUP, MARYLAND 20794 (410) 799-3577		
TITLE: SITE DEVELOPMENT PLAN FORMERLY SDP 89-183		
PREPARED BY: PHOENIX ENGINEERING, INC. CONSULTING ENGINEERS 1420-A JOH AVENUE BALTIMORE, MARYLAND 21227 (410) 247-8833 FAX 247-9397		
Des By R.J.W.	Scale 1" = 50'	Proj No 01-034
Drn By S.E.W.	Date FEBRUARY 2003	DRAWING NO ps01chhill.dwg
Chk By J.R.H.	SDP 02-156	2 OF 7





P. 227
Cherry Hill Construction, Inc.
2423/547
Zoned M2

PLAN
SCALE: 1" = 50'

P. 563
Cherry Hill Construction, Inc.
880/250
Zoned M2

P. 561
Maple Park, Inc.
817/735
Zoned RMH

P. 221
Tsai William
3944/572
Zoned M2

LEGEND

- STABILIZED CONSTR. ENTRANCE
- SILT FENCE
- LIMIT OF DISTURBANCE
- INLET PROTECTION
- EX. FIRE HYDRANT
- EX. SANITARY SEWER
- EX. SAN. CLEANOUT
- EX. MAILBOX
- LIGHT POLE
- AGIP
- M.H.
- C.O.
- M.B.
- MOUNTABLE BERM

ENGINEER'S CERTIFICATE
"I/WE 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 COUNTY SOIL CONSERVATION DISTRICT."

John R. Heinrichs 5/22/03
DATE
ENGINEER: JOHN R. HEINRICHS, VICE PRESIDENT
PHOENIX ENGINEERING, INC.

DEVELOPER'S CERTIFICATE
"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 MARYLAND DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT."

John R. Heinrichs 5-22-03
DATE
DEVELOPER: OPENSHAW
CHERRY HILL CONSTRUCTION INC.

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
Jim Myers 9/11/03
DATE
RURAL RESOURCE CONSERVATION SERVICES

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

John R. Robertson 9/11/03
DATE
HOWARD S.C.D.

APPROVED: DEPARTMENT OF PLANNING AND ZONING
John R. Robertson 9/16/03
DATE
CHIEF, DEVELOPMENT ENGINEERING DIVISION

Cindy Hammett 11/22/02
DATE
CHIEF, DIVISION OF LAND DEVELOPMENT

Derek A. Taylor 11/23/00
DATE
DIRECTOR

Date	No	Revision Description
7-1-04	1	ADDED CANOPY AT REAR ENTRANCE

PROJECT:
**CHERRY HILL CONSTRUCTION INC.
BUILDING ADDITION**
8211 WASHINGTON BOULEVARD
JESSUP, MARYLAND 20794
Tax Map No. 43, Grid 20, Parcel 226, Elec. Dist. No. 6
HOWARD COUNTY, MARYLAND

OWNER/DEVELOPER:
ATTN: DAVE OPENSHAW
CHERRY HILL CONSTRUCTION INC.
8211 WASHINGTON BOULEVARD
JESSUP, MARYLAND 20794
(410) 799-3577

TITLE:
**SEDIMENT CONTROL AND
SWM PLAN**

PREPARED BY:
Phoenix Engineering, Inc.
CONSULTING ENGINEERS
1420-A 30th AVENUE
BALTIMORE, MARYLAND 21227
(410) 247-9833 FAX 247-9397

Des By	R.J.W.	Scale	1" = 50'	Proj No	01-034
Des By	R.H.D.	Date	OCTOBER 2002	DRAWING NO	es01chhill.dwg
Chk By	J.R.H.	SDP	02-156		3 OF 7

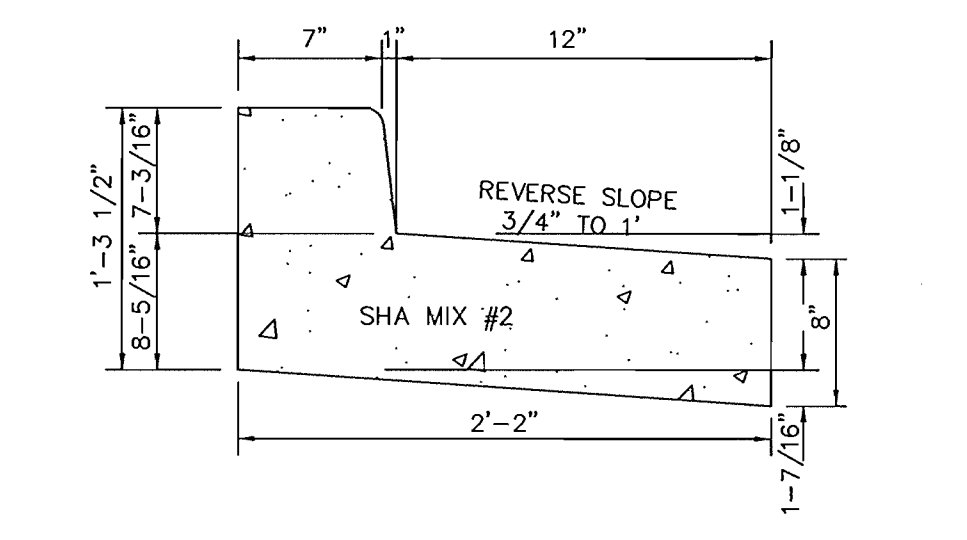
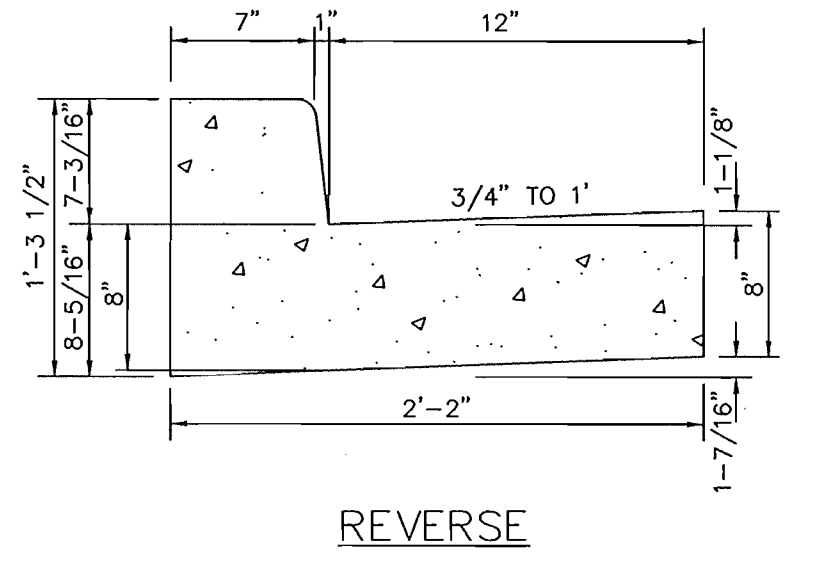
5/22/03
Date

JOHN R. HEINRICHS
Professional Engr. No. 14920

G:\01\034 Cherry Hill Constr\es01chhill.dwg Thu May 22 08:17:33 2003

SOILS DESCRIPTION				STRUCTURE SCHEDULE						
TYPE	SYMBOL	MAP	DESCRIPTION	NO.	TYPE	LOCATION	INV. IN	INV. OUT	*TOP SLAB/RIM ELEV.	REMARKS
C	BeB2	30	BELTSVILLE SILT LOAM, 1 TO 5 PERCENT SLOPES, MODERATELY ERODED	I-11	'S' INLET	SEE PLAN	202.91	202.72	EXIST. GROUND	HC SD 4.22
C	BeD2	30	BELTSVILLE SILT LOAM, 10 TO 15 PERCENT SLOPES, MODERATELY ERODED	I-12	FILTERRA INLET	SEE PLAN	-	200.10	203.28 @ THROAT	AS MANUFACTURED BY AMERICAST
D	Ha	30	HATBORO SILT LOAM	I-13	FILTERRA INLET	SEE PLAN	-	201.55	204.50 @ THROAT	AS MANUFACTURED BY AMERICAST
B	SfC2	30	SASSAFRAS LOAM, 5 TO 10 PERCENT SLOPES, MODERATELY ERODED	E-1	PVC	SEE PLAN	-	195.01	-	MITER PIPE AND @ 3:1
B	SfB2	30	SASSAFRAS LOAM, 1 TO 5 PERCENT SLOPES, MODERATELY ERODED							
B	SuD2	30	SUNNYSIDE FINE SANDY LOAM, 5 TO 15 PERCENT SLOPES, MODERATELY ERODED							

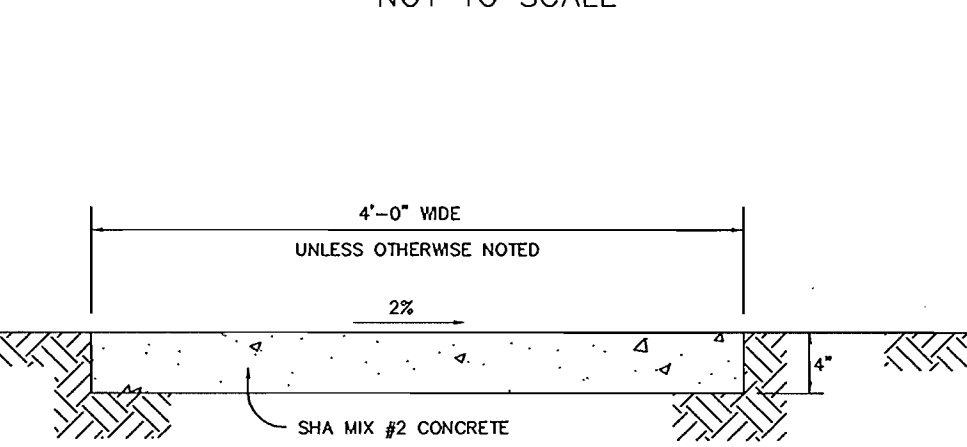
PIPE SCHEDULE			
LOCATION	L (FT)	REMARKS	
EX. I-5 ~ I-11	65	15" RCCP CL IV	
I-11 ~ EX. M-1	132	12" D.I.P. CL 52	
I-12 ~ E-1	85	6" PVC	
I-13 ~ 4" PVC	38	4" PVC	



HOWARD COUNTY DESIGN MANUAL VOLUME IV
STANDARD SPECIFICATIONS AND DETAILS FOR
CONSTRUCTION (DRAWING R-3.01)

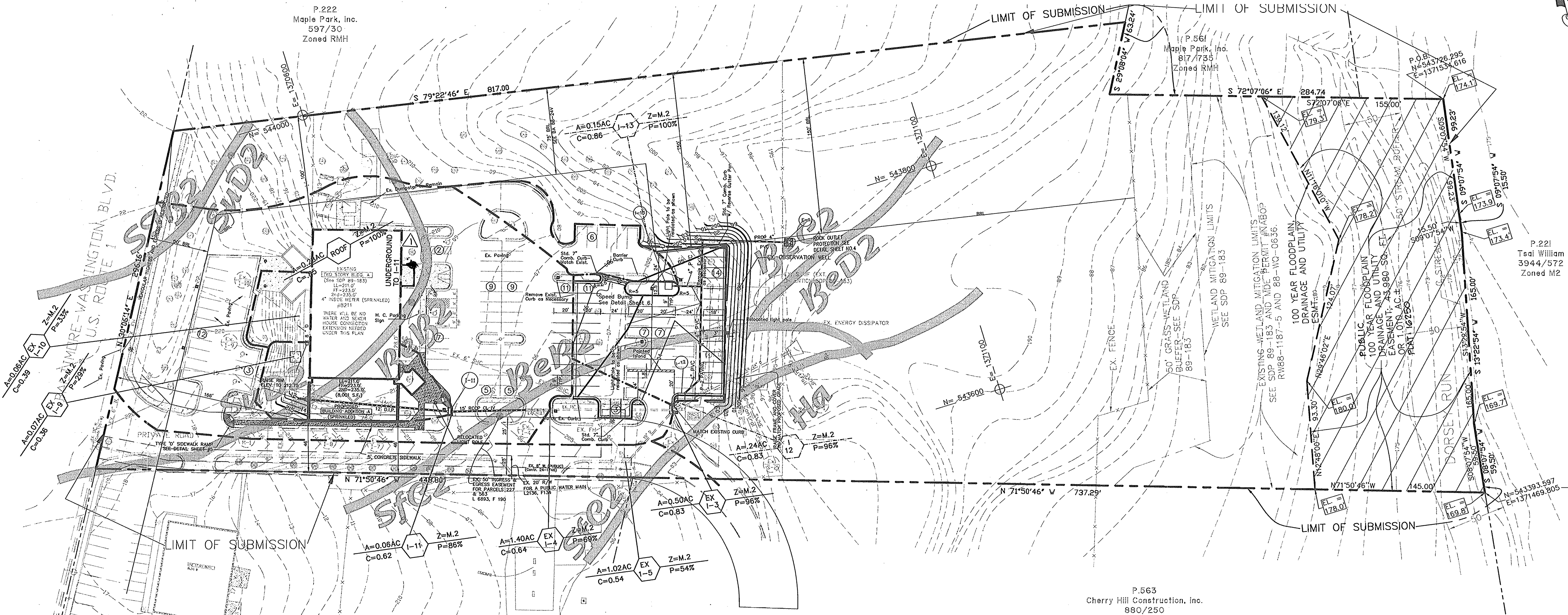
GUTTER PAN AT THE MEDIAN EDGE OF INTERMEDIATE
ARTERIALS OR THE HIGH SIDE OF SUPERELEVATED
SECTIONS SHALL BE SLOPED AT THE SAME RATE
AS THE PAVEMENT.

STANDARD 7" COMBINATION CURB AND GUTTER



SIDEWALK DETAIL

NOT TO SCALE



APPROVED: DEPARTMENT OF PLANNING AND ZONING		DATE
Chief, Development Engineering Division	<i>[Signature]</i>	9/16/03
Chief, Division of Land Development	<i>[Signature]</i>	10/22/03
Director	<i>[Signature]</i>	11/28/03

7-1-04	ADD CANOPY AT REAR ENTRANCE
Date	Revision Description

PROJECT:
**CHERRY HILL CONSTRUCTION INC.
BUILDING ADDITION**
8211 WASHINGTON BOULEVARD
JESSUP, MARYLAND 20794

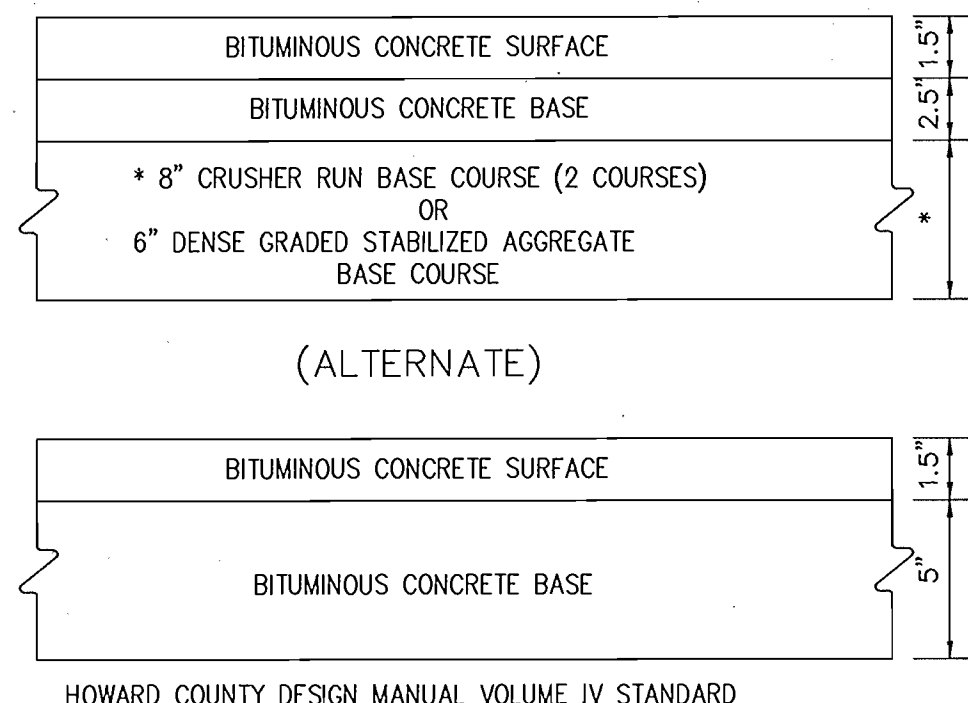
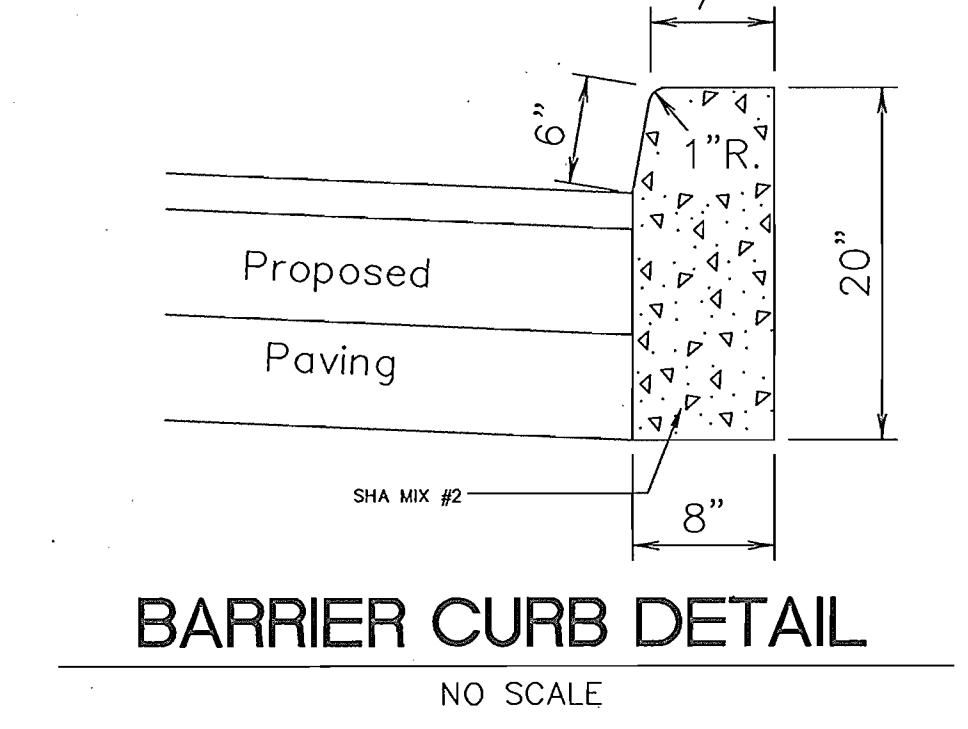
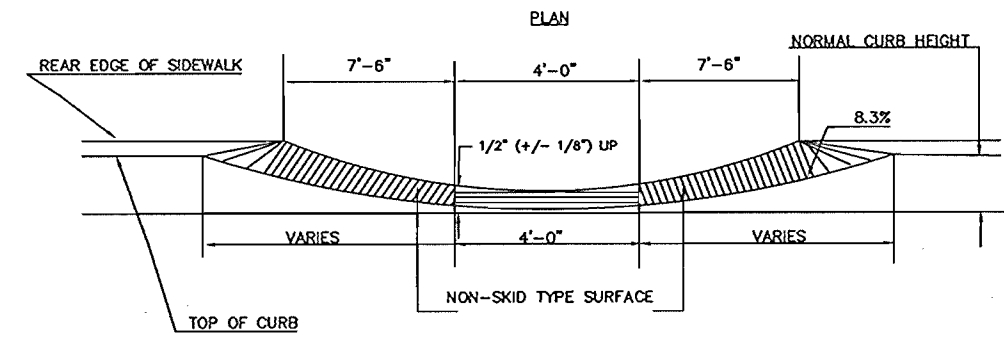
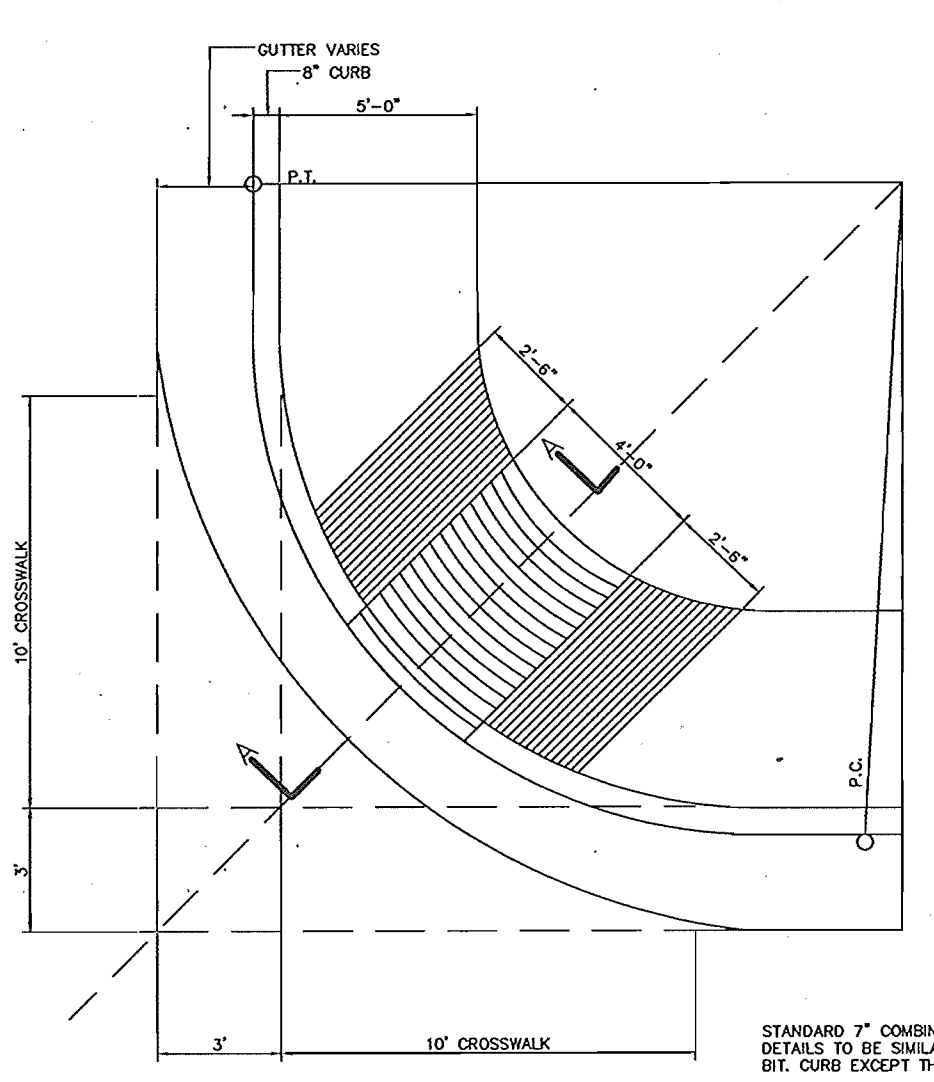
Tax Map No. 43, Grid 20, Parcel 226, Elec. Dist. No. 6
HOWARD COUNTY, MARYLAND

OWNER/DEVELOPER:
ATTN: DAVE OPENSHAW
CHERRY HILL CONSTRUCTION INC.
8211 WASHINGTON BOULEVARD
JESSUP, MARYLAND 20794
(410) 799-3577

DRAINAGE AREA MAP AND DETAILS

PREPARED BY:
PHOENIX ENGINEERING, INC.
CONSULTING ENGINEERS
1420-A JOH AVENUE
BALTIMORE, MARYLAND 21227
(410) 247-8833 FAX 247-8997

Des By	R.J.W.	Scale	AS SHOWN	Proj No	01-034
Drn By	R.H.D.	Date	OCTOBER 1, 2002	DRAWING NO	dg01chhill.dwg
Chk By	J.R.H.	SDP-02-156			5 OF 7



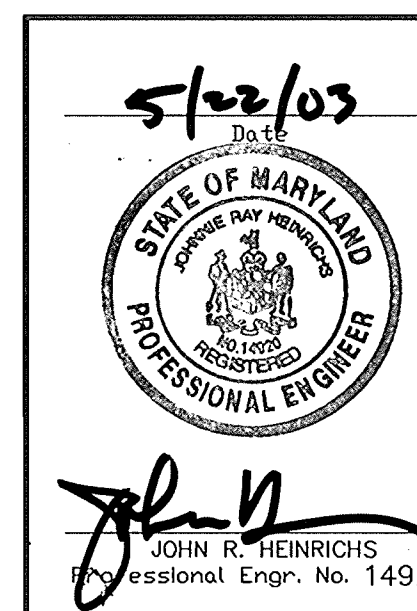
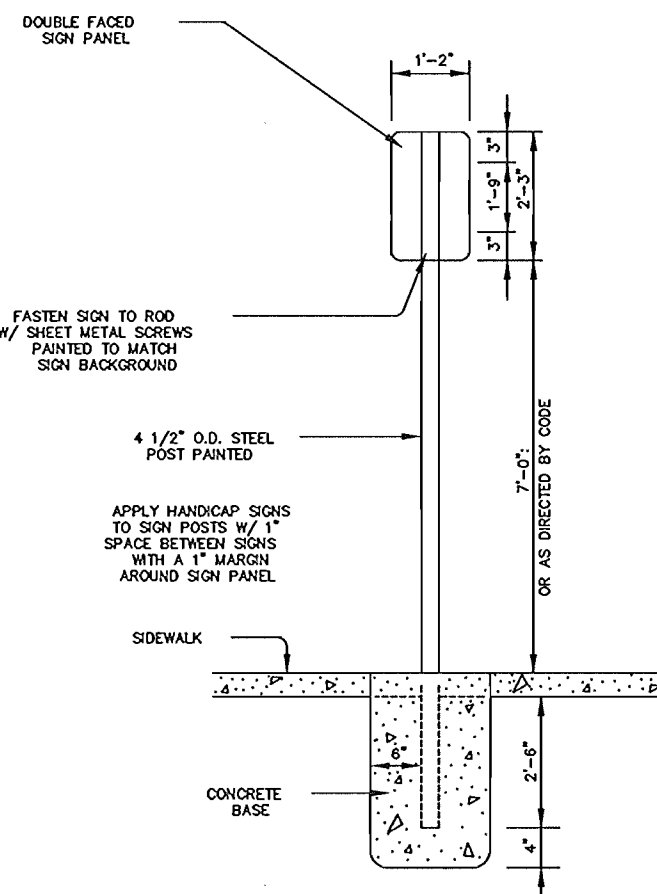
1. FREESTANDING SIGN 7'-0" ABOVE FINISHED GRADE MOUNTED ON WALL OR STRUCTURE 4'-0" ABOVE GROUND.

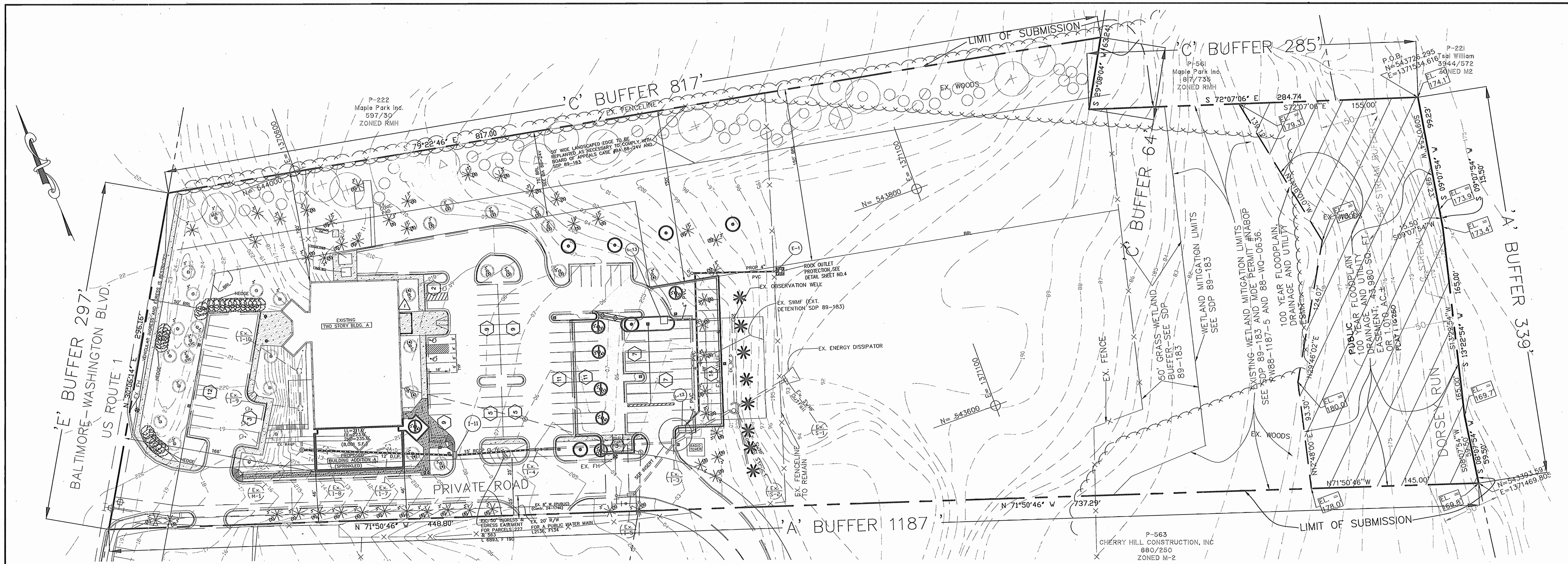
2. TWO SEPARATE SIGNS TO BE APPLIED TO METAL SIGN BOARD MOUNTED TO METAL POST.

\$98 FINE SIGN
SIGN TO UTILIZE AN ALUMINUM BLANK 6"x12"x0.060 INCH THICK WITH TWO SINGLE POSE MOUNTING HOLES.

THE TEXT AND BORDER SHALL BE STANDARD GREEN TO MATCH THAT ON R7-8 AND THE BACKGROUND SHALL BE REFLECTIVE WHITE. TEXT SHALL BE IN 3" CHARACTERS.

SIGN SHALL BE MOUNTED DIRECTLY BELOW THE STANDARD R7-8 RESERVED PARKING FOR HANDICAPPED SIGN. THE BOTTOM EDGE SHALL BE NO LESS THAN 7 FEET ABOVE GROUND. IF THE SIGN IS PLACED AGAINST A BUILDING, STRUCTURE OR OTHER LOCATION WHERE VEHICLE OR PEDESTRIAN TRAFFIC IS NOT OBSTRUCTED THE BOTTOM EDGE OF SIGN SHALL BE AT LEAST 6 FEET BUT NOT MORE THAN 10 FEET ABOVE GROUND.





Developers/Builders Certificate
 I/We certify that the landscape 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.
 Dave Openshaw
 5-22-03
 Date

P-227
 CHERRY HILL CONSTRUCTION, INC
 2423/547
 ZONED M-2

NOTES
 Financial surety for the required landscaping has been posted as part of the DPW DEVELOPERS AGREEMENT in the amount of \$15,450.00. This surety is based on BA 88-24V and SDP 89-183.
 The owner, tenant, and/or their agents shall be responsible for the maintenance of the required landscaping, including both plant materials and berm, 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.

PLANT LIST			
SYMBOL	QUANTITY	NAME	SIZE
○	3	ACER RUBRUM 'RED SUNSET' RED SUNSET RED MAPLE	2 1/2"-3" CAL B&B
+	7	QUERCUS PALUSTRIS PIN OAK	2 1/2"-3" CAL B&B
△	5	TILIA CORDATA 'GREENSPIRE' GREENSPIRE LINDEN	2 1/2"-3" CAL B&B
⊗	1	PYRUS CALLERYANA REDSPIRE REDSPIRE PEAR	2 1/2"-3" CAL B&B
⊙	43	PINUS STROBUS WHITE PINE	6'-8" B&B @ 3' O.C. SPACING

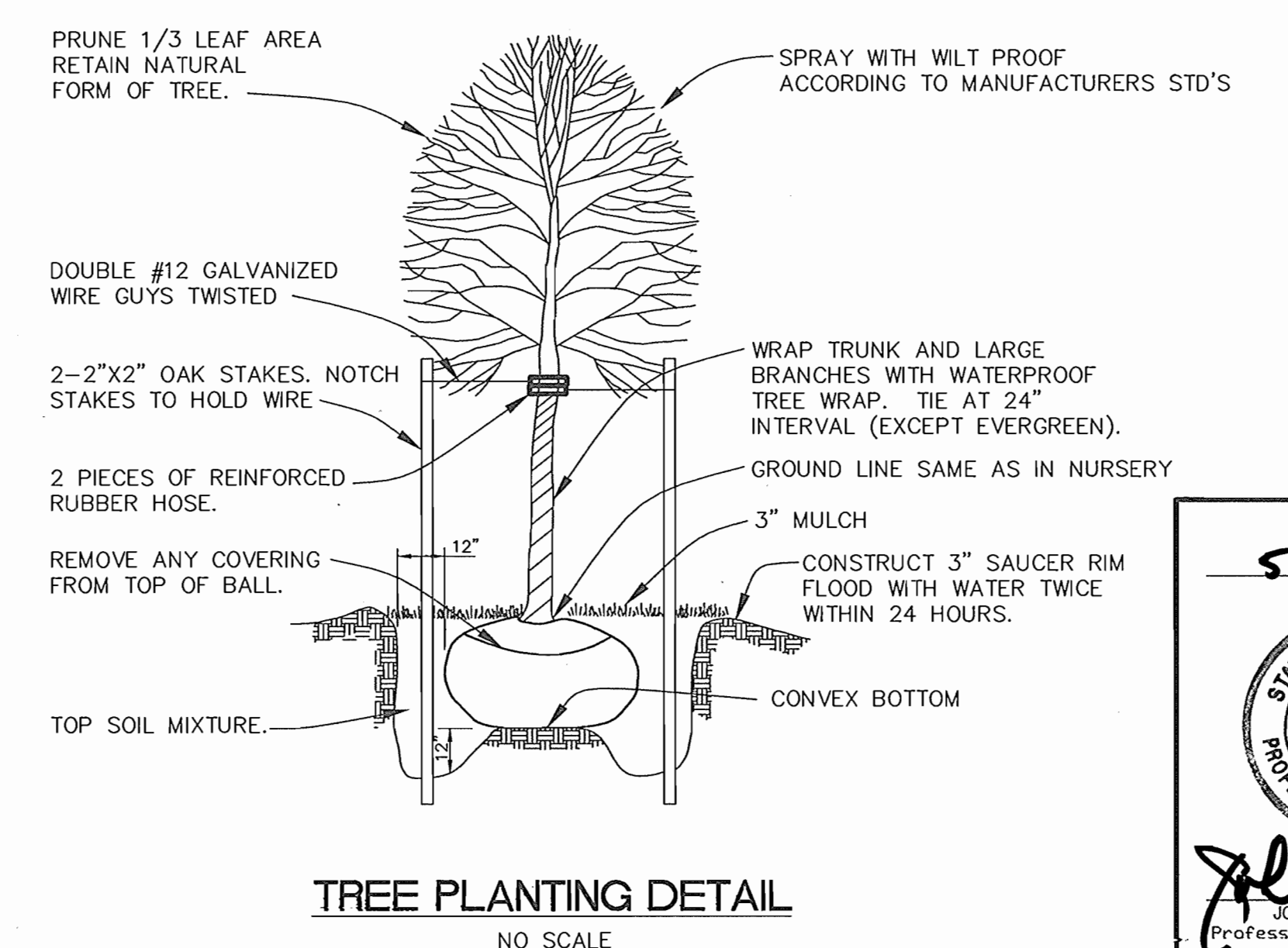
THESE PLANTINGS INDICATE REQUIRED TREES AS PART OF SDP 89-183 THAT ARE TO BE INSTALLED AND HAVE SURETY POSTED AS PART OF THIS SITE DEVELOPMENT PLAN.

PLAN
 SCALE: 1"=40'

SCHEDULE A			
CATEGORY	ADJACENT TO ROADWAYS	ADJACENT TO PERIMETER PROPERTIES	
	E (1:40)	C (1:40) (1:20)	A (1:60)
LANDSCAPE TYPE			
LINEAR FEET OF ROADWAY	297'	1165'	1526'
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET)	8 EX.(SHADE) 32 EX.(SHRUB) 297'	8 EX.(SHADE) 23 EX.(EVERGREEN) 627'	15 EVERGREEN 698'
CREDIT FOR WALL, FENCE OR BERM (YES, NO, LINEAR FEET)	140'	0	0
NUMBER OF PLANTS REQUIRED			
SHADE TREES		6	4
EVERGREEN TREES	0	4	0
SHRUBS		0	0
NUMBER OF SHADE TREES PROVIDED	8	6	4
EVERGREEN TREES	0	4	0
OTHER TREES (2:1 SUBSTITUTION)	0	0	0
SHRUBS (2:1 SUBSTITUTION)	0	0	0

PLANT SCHEDULE			
SYMBOL	QUANTITY	NAME	SIZE
○	6	SHADE TREES ACER RUBRUM RED MAPLE	2 1/2"-3" MIN CAL B&B
⊗	8	PINUS STROBUS WHITE PINE	6'-8" HGT
⊙		EXISTING TREES	VARIES SEE SDP 89-183
⊗	7	EXISTING TREES TO BE REMOVED AND REPLANTED ON SITE (1) ACER RUBRUM (1) RED MAPLE (3) TILIA CORDATA "GREENSPIRE" (3) GREENSPIRE LINDEN (4) PYRUS CALLERYANA REDSPIRE (4) REDSPIRE PEAR	VARIES (3" MIN CAL)
⊗	6	PINUS STROBUS (5) WHITE PINE	6'-8" HGT (MIN)

SCHEDULE B PARKING LOT INTERNAL LANDSCAPING	
NUMBER OF PARKING SPACES (PROPOSED)	29
NUMBER TREES REQUIRED	2
NUMBER OF TREES PROVIDED	2
SHADE TREES	2
OTHER TREES (2:1 SUBSTITUTION)	0
NUMBER OF ISLANDS REQUIRED @1/20	2
NUMBER OF ISLANDS PROVIDED	2



APPROVED: DEPARTMENT OF PLANNING AND ZONING
 [Signature] 9/16/03
 CHIEF, DEVELOPMENT ENGINEERING DIVISION
 [Signature] 10/24/03
 CHIEF, DIVISION OF LAND DEVELOPMENT
 [Signature] 11/20/03
 DIRECTOR

7-01-04
 Date No Revision Description
 ADDED CANOPY AT REAR ENTRANCE

PROJECT:
**CHERRY HILL CONSTRUCTION INC.
 BUILDING ADDITION**
 8211 WASHINGTON BOULEVARD
 JESSUP, MARYLAND 20794
 Tax Map No. 43, Grid 20, Parcel 226, Elec. Dist. No. 6
 HOWARD COUNTY, MARYLAND

OWNER/DEVELOPER:
 ATTN: DAVE OPENSHAW
 CHERRY HILL CONSTRUCTION INC.
 8211 WASHINGTON BOULEVARD
 JESSUP, MARYLAND 20794
 (410) 799-3577

TITLE:
LANDSCAPE PLAN

PREPARED BY:
 PHOENIX ENGINEERING, INC.
 CONSULTING ENGINEERS
 1420-A JOH ANNENUE
 BALTIMORE, MARYLAND 21227
 (410) 247-8833 FAX 247-9397

DATE: 5/22/03

By: R.J.W. Scale: 1"=40' Proj No: 01-034
 Dwn By: S.E.W. Date: OCTOBER, 2002 DRAWING NO: 1001chill.dwg
 Ck By: J.R.H. SDP-02-156 7 OF 7