

Martin O'Malley
Governor

Anthony G. Brown
Lt. Governor



Margaret G. McHale
Chair

Ren Serey
Executive Director

**STATE OF MARYLAND
CRITICAL AREA COMMISSION
CHESAPEAKE AND ATLANTIC COASTAL BAYS**

1804 West Street, Suite 100, Annapolis, Maryland 21401

(410) 260-3460 Fax: (410) 974-5338

www.dnr.state.md.us/criticalarea/

September 5, 2008

Mr. Tom Lawton
Department of Technical and Community Services
11916 Somerset Avenue
Princess Anne, MD 21853

Re: Somerset Detention Center Exercise Yard

Dear Mr. Lawton:

At its meeting on September 3, 2008, the Critical Area Commission for the Chesapeake and Atlantic Coastal Bays unanimously approved the above-referenced project. Please contact us once the plantings plan has been executed.

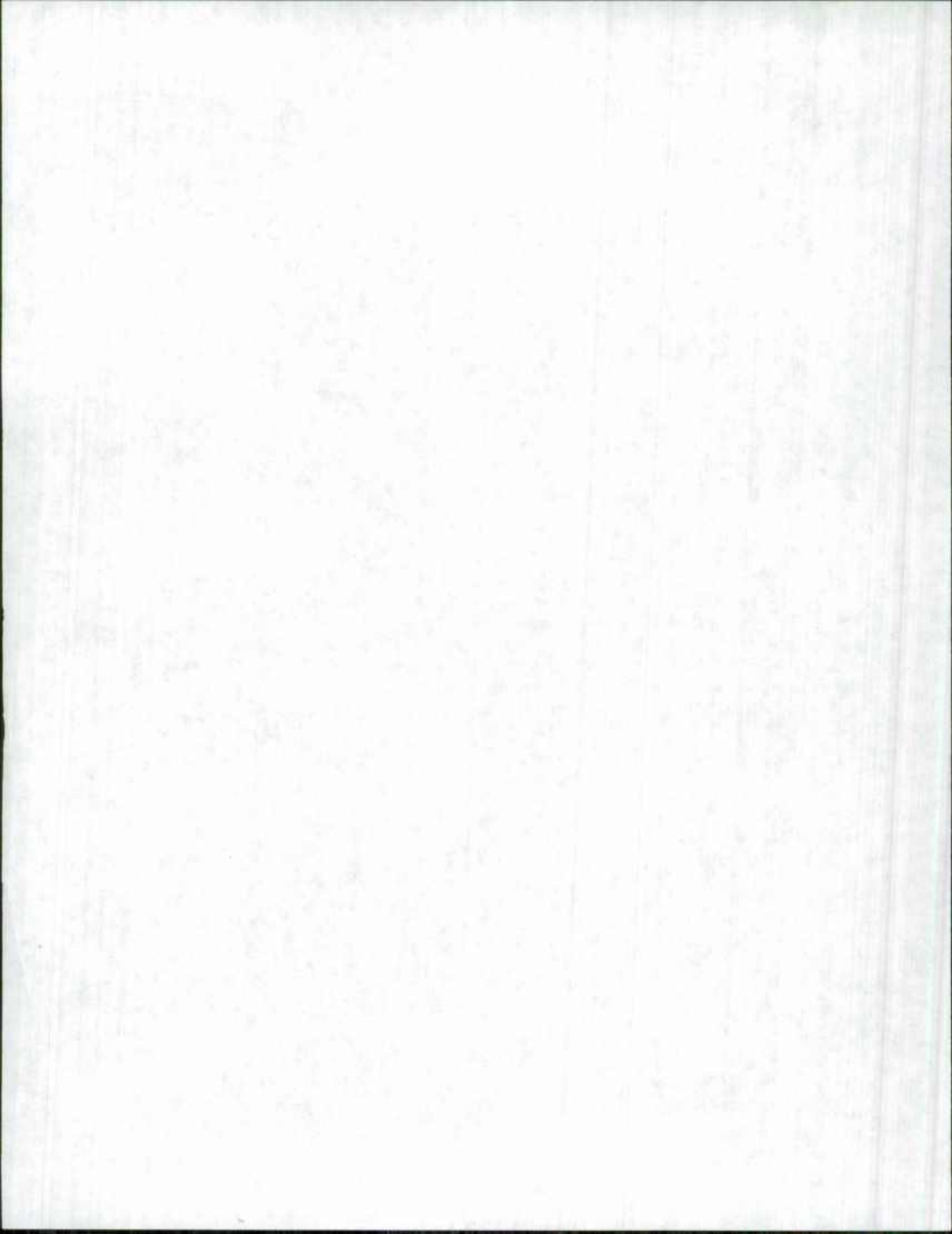
Please note that should any changes to the site plan be proposed in the future, additional review and approval by the Commission will be required. Thank you and your staff for your assistance with this project. Please call me if you have any questions at (410) 260-3476.

Sincerely,

A handwritten signature in dark ink, appearing to read "Julie Roberts", with a long horizontal flourish extending to the right.

Julie Roberts
Natural Resources Planner

Cc: 277-08



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May 14, 2008

Mr. Tom Lawton
Department of Technical and Community Services
11916 Somerset Avenue
Princess Anne, MD 21853

Re: CA VAR 08-921 -- Somerset Detention Center

Dear Mr. Lawton:

Thank you for forwarding information to this office regarding the above referenced variance request. The variance request submitted is for an additional impervious surface amount of 6,000 square feet for the purposes of adding a recreation area at the Detention Center. The proposed addition would increase the impervious surface on this site from 28.15% to 30.38%. This lot is 6.2 acres and is located in the Resource Conservation Area (RCA).

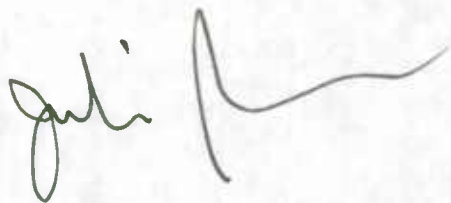
The Critical Area Commission previously reviewed and approved improvements to this site on January 3, 2007. Similarly, the proposed recreation area will need to be presented to the Commission, per COMAR 27.02.06, Conditional Approval of State or Local Agency Programs in the Critical Area. As you are aware, the Commission meets on the first Wednesday of every month to consider projects of this kind. Deadlines for submitting projects for a particular agenda require that a complete application be submitted 30 days prior to the desired meeting date. I have included an application checklist which details the information needed in order to review and schedule this project on the Commission agenda.

I understand that the Board will hear this case on May 16, 2008 at 7:35 p.m. Please forward me their decision when it is available. Once a complete submittal package has been received, including the Board's decision, Commission staff will schedule this project on the next available agenda.

Mr. Lawton
5/14/2008
Page 2 of 2

Thank you for the opportunity to provide comments on this project. Please call me at 410-260-3476 should you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Julie Roberts". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Julie Roberts
Natural Resource Planner

Enclosure

Cc: SO 277-08

SOMERSET COUNTY DETENTION CENTER RECREATION AREA

BACKGROUND

The 6.169 acre parcel is approximately 2,200 feet from tidal waters and wetlands. It was conveyed to the County for the detention center from the State and built at the same time as ECI. However, the County included the State lands around ECI, including the marsh on the south side of Revell's Neck Road as part of an expansion the Critical Area and RCA. The land was given to the County by the State in 1984 and the detention center was built in 1987, prior to adoption of the Somerset County local program on September 10, 1988. The most recent addition was built in 2007 without the needed recreation area.

Under the local program, the applicant (in this case the County) must receive a variance from the 15% requirement from the Board of Zoning Appeals and must also receive a finding of consistency with the local program, with approval from the Critical Area Commission as was done for the previous addition. The Board of Zoning Appeals granted this variance at their May 16, 2008 meeting.

The Critical Area Commission is processing the request as a conditional approval and as such, requires additional information.

B.(1) That there exist special features of the site or there are other special circumstances such that the literal enforcement of these regulations would prevent a project or program from being implemented.

Special circumstances include the fact that when built there was no knowledge that this would be an area included in the Critical Area due to its distance from tidal waters. The existing detention center had been located at the present site for some time. The costs of maintaining facilities at two separate locations in the County make expansion of detention facilities at this location the logical and only economical solution for the County justifying construction of the recent work release addition on site. The needed recreation area must be constructed within the fenced perimeter adjacent to the work release area for security purposes.

B.(2) The project otherwise provides substantial public benefits to the Chesapeake Bay Critical Area Program.

The recreation area adjacent to the recent addition to the Detention Center is necessary for the general welfare of the citizens of the coastal zone.

B.(3) That the project is otherwise in conformance with the subtitle.

All site plan requirements including TAC review and Planning Commission approval are required. The project has been reviewed for stormwater management and approved based on credits achieved according to the Maryland Design Standards Manual. The Somerset County local program requires a variance to be granted to existing industrial, institutional and commercial facilities by the Board of Zoning



DATE: 04/01/08
DRAWN BY: [illegible]

UPPER PORT TOBACCO RIVER
FLOOD
EBB

PROPOSED CHANNEL
7400' x 53' TO 8.0' M.W.

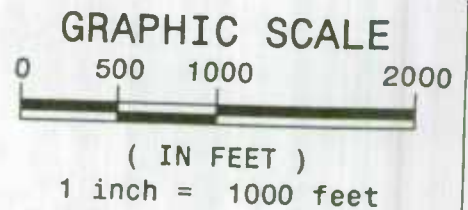
200861945
08-WL-1352

UPPER PORT TOBACCO
PROPOSED COUNTY DREDGING

CHARLES COUNTY, MD
APPL. BY: CHARLES COUNTY
DEPARTMENT OF PLANNING
AND GROWTH MANAGEMENT

APRIL 2008

SHEET 1 OF 10



BayLand
Consultants & Designers, Inc.
"Integrating Engineering and Environment"
1321 Mercedes Drive, Suite C Phone: (410) 694-9401
Hanover, Maryland 21076 Fax (410) 694-9405

UPPER PORT TOBACCO
RIVER
VICINITY MAP
APRIL 2008

Appeals, if such expansion or intensification involved does not conform with the provisions of the Somerset County Critical Area Program. Any variance granted by the BZA is limited to an increase of no more than 25% of the existing use or structure. (Program for Development in RCA, p.2.8 Somerset County Critical Area Program). This was accomplished with the previous approvals and findings of the BZA. (previously submitted).

The conditional approval request shall, at minimum contain the following:

C.(1) A showing that the literal enforcement of the provisions of this subtitle would prevent the conduct of an authorized State or local agency program or project;

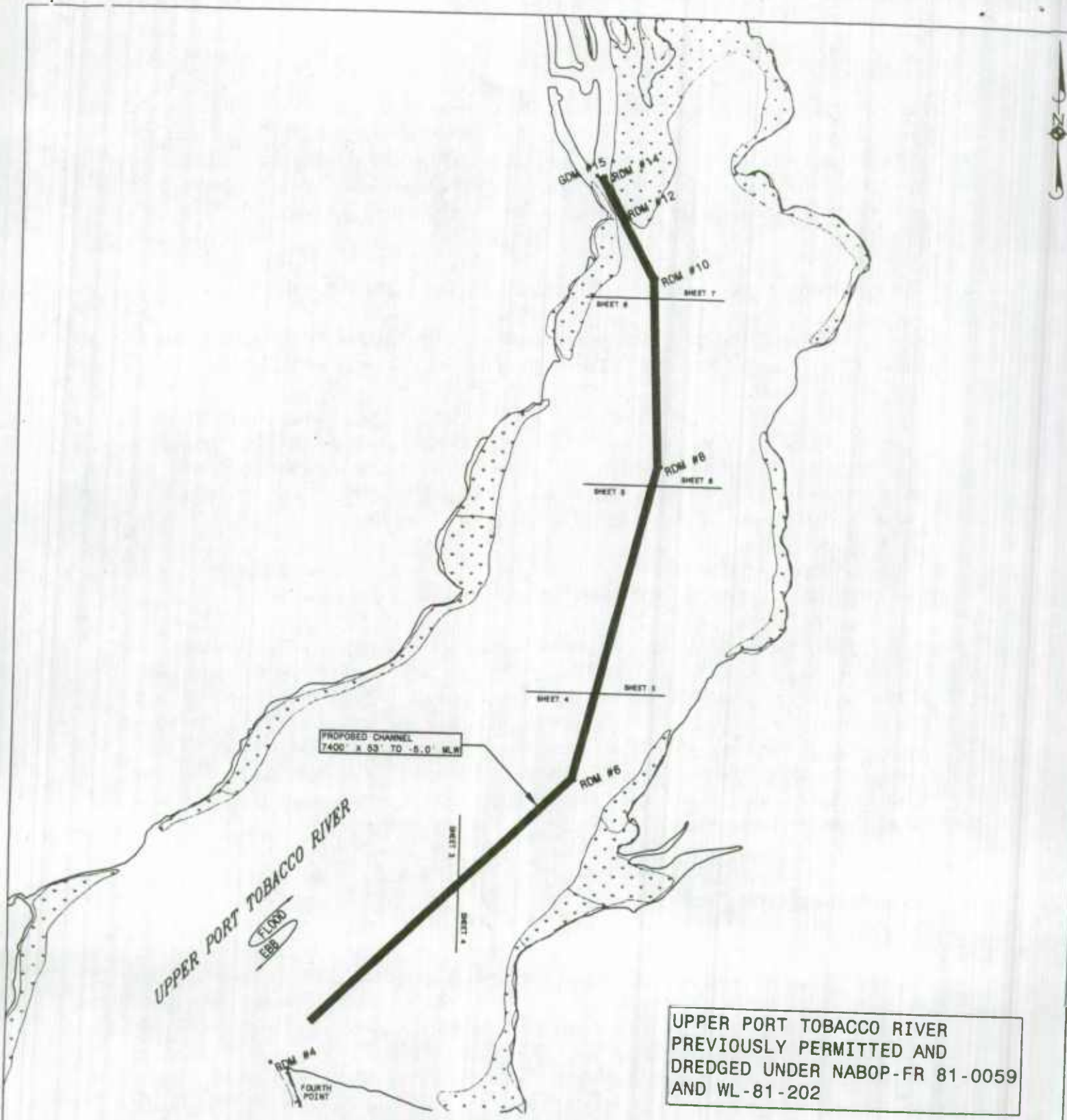
The County Commissioners and the Warden of the Detention Center, have followed the Facility Program Part II, Local Jails Capital Improvement Program Policy and Procedures Manual for funding of this project. The costs of such a project continue to escalate and it is of prime importance that, for security purposes, the needed recreation area expansion be permitted within the proposed site.

C.(2) A proposed process by which the program or project could be so conducted as to conform, insofar as possible, with the approved local Critical Area program.

The project has already conformed with the local program by an advertised public hearing before the Board of Zoning Appeals for a variance to the impervious surface requirement in RCA. It is not anticipated that there would be any problem with the addition to the variance. As an existing institutional use, it is allowed this expansion with the approval of the BZA. Once conditional approval is received from the Critical Area Commission, the project must have site plan approval by the Somerset County Planning and Zoning Commission that meet the County requirements for stormwater management and mitigation in the form of tree planting on site.

C.(3) Measures proposed to mitigate adverse effects of the project or program on the approved local Critical Area program.

As stated, the proposal will require mitigation in the form of tree planting requirements. A planting plan is required and a planting and maintenance agreement is a standard requirement by the Department of Technical and Community Services. Stormwater management approval is based on building design based on credits achieved according to the Maryland Design Standards Manual. The property itself is approximately 2,200 feet from tidal waters and should not adversely affect the nearest tributary, Kings Creek, which is separated from the facility by ECI and the State Police Facility, approved several years ago, on Perry Road as well as forest, farmland and historic Beverly to the north of Perry Rd. The undeveloped portion of the Detention Center site has always been maintained in lawn or trees.

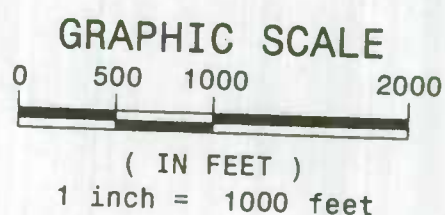


UPPER PORT TOBACCO RIVER
 FLOOD
 EBB

PROPOSED CHANNEL
 7400' x 65' TO -5.0' M.L.W.

UPPER PORT TOBACCO RIVER
 PREVIOUSLY PERMITTED AND
 DREDGED UNDER NABOP-FR 81-0059
 AND WL-81-202

LEGEND	
	PROPOSED COUNTY CHANNEL
	-3.0 SOUNDINGS BY DNR
	SHORELINE
	RED DAY MARKER
	GREEN DAY MARKER
	VIMS 2004 SAV



200361945
 03-WL-1352
 UPPER PORT TOBACCO
 PROPOSED COUNTY DREDGING

CHARLES COUNTY, MD
 APPL. BY: CHARLES COUNTY
 DEPARTMENT OF PLANNING
 AND GROWTH MANAGEMENT

APRIL 2008

SHEET 2 OF 10

BayLand
 Consultants & Designers, Inc.
"Integrating Engineering and Environment"
 1321 Mercedes Drive, Suite C
 Hanover, Maryland 21076
 Phone: (410) 694-9401
 Fax: (410) 694-9405

UPPER PORT TOBACCO RIVER
 KEY SHEET
 APRIL 2008

SUBJECT OF APPEAL: CA VAR 08-921 (Tape #391 A)

Robert Purnell of 30474 Revells Neck Road, Westover, Maryland, on behalf of Somerset County Board of County Commissioners and Somerset County Detention Center, has applied for a Critical Area Variance to increase impervious surface at the County Detention Center located on the north side of Revells Neck Road, approximately two hundred twenty (220) feet to the west of Ocean Highway (U.S. Route 13) at 30474 Revells Neck Road in the Westover Election District. The property can be located on Tax Map #32, Block #6, Parcel #204 and is zoned Agriculture-Residential. Section 6.13 H (8) states Resource Conservation Area (RCA) designated property is limited to fifteen per cent (15%) impervious surface. Applicants currently have obtained Variance for twenty-nine per cent (29%) and request a Variance for an additional one point thirty-eight percent (1.38%) more for a total of thirty point thirty-eight per cent (30.38%) impervious surface. The additional coverage is needed for several uses, including but not limited to a secure exterior holding area for inmates in the event of an emergency exit being necessary.

TESTIMONY:

The case advertisement was read into the record. Robert Purnell, Warden at the Detention Center, was sworn in. The Board determined the exact location of the lot. A letter dated May 14, 2008, from Julie Roberts, Natural Resource Planner, with the Critical Area Commission, was read into the record and submitted as Exhibit #1. The letter noted the Variance request was for an additional impervious surface amount of six thousand (6000) square feet for the purpose of adding a recreation area at the Detention Center. It noted the proposed addition would increase the impervious surface on this site from 28.15% to 30.38%.

Ms. Roberts stated the Commission had previously reviewed and approved improvements to this site on January 3, 2007, and that the proposed new recreation area would have to be presented to the Commission. The letter stated that deadlines for submitting projects for a particular agenda require that a complete application be submitted 30 days prior to the desired meeting date. Enclosed with her letter was an application checklist detailing information needed in order to review and schedule a project on the Commission agenda.

Ms. Roberts asked that the Board forward their decision to her when it was available and that once the submittal package had been received, including the Board's decision, the Staff would schedule the project on its next agenda.

Mr. Purnell stated that this request is for a work release facility. Part of the area will be for blacktop in an area near the building. A site plan drawing of the facility was submitted as Exhibit #2.

FINDINGS: CA VAR 08-921

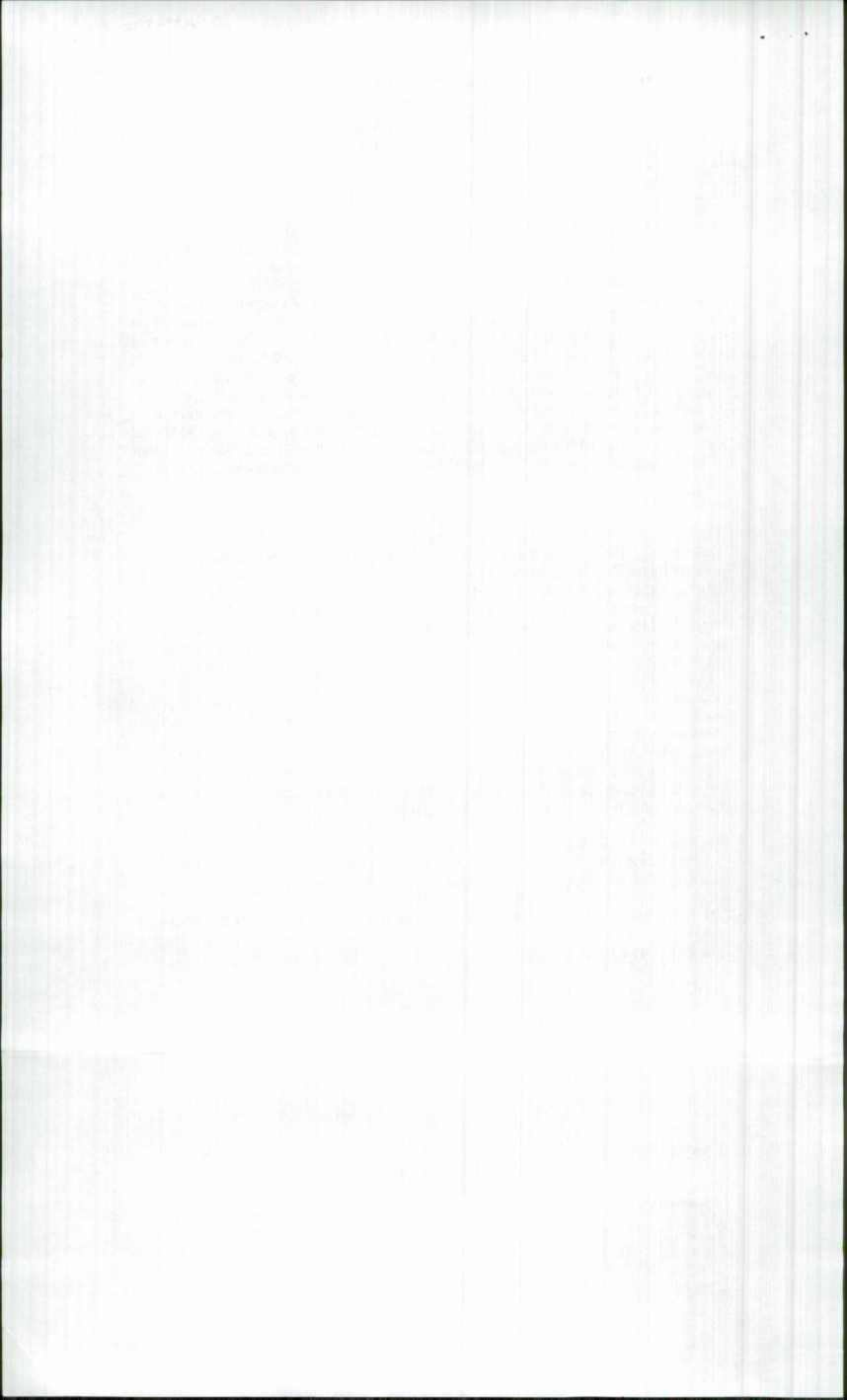
The Board voted to grant this Critical Area Variance by unanimous vote of all Board members present.



ROBERT HESS, Chairman
Board of Zoning Appeals

Board's Vote:

- Hess – for
- Taylor – for
- Cottman – for
- Laird – for



Planting Agreement for State/Local Projects

State/Local Agency

Somerset County Detention Center

Project Number

Agency Contact

Robert Purnell

Phone Number

410 651 9223

Commission Approval Date

CAC Planner

Julie Roberts

Project Name

Somerset County Detention Center - Recreation Area

Project Location

30474 Revells Neck Road, Westover MD 21871

Square Feet Cleared Outside 100ft Buffer

5225

Mitigation Ratio for Clearing Outside Buffer

1 to 1

Mitigation Calculation Outside Buffer

5225

Square Feet Disturbed/Cleared Within Buffer*

0

Mitigation Ratio for Disturbance/Clearing Within Buffer*

N/A

15% Afforestation Requirement Met?

N/A

Mitigation Calculation Within Buffer

Total Mitigation Requirement

5225 sq ft

Planting and Natural Regeneration Plan (attach additional sheets if necessary)

Serviceberry (2) = 700 # , Northern Red Oak (8) = 1,600 #
Willow Oak (8) = 1,600 # Sweetgum (7) = 1,400 #
Total plants = 30 Total # = 5,300

Planting Date

Fall

Year

2008

First Site Visit Date

Completed by

Second Site Visit Date

Completed By

Date Mitigation Complete

Robert J. Purnell Jr

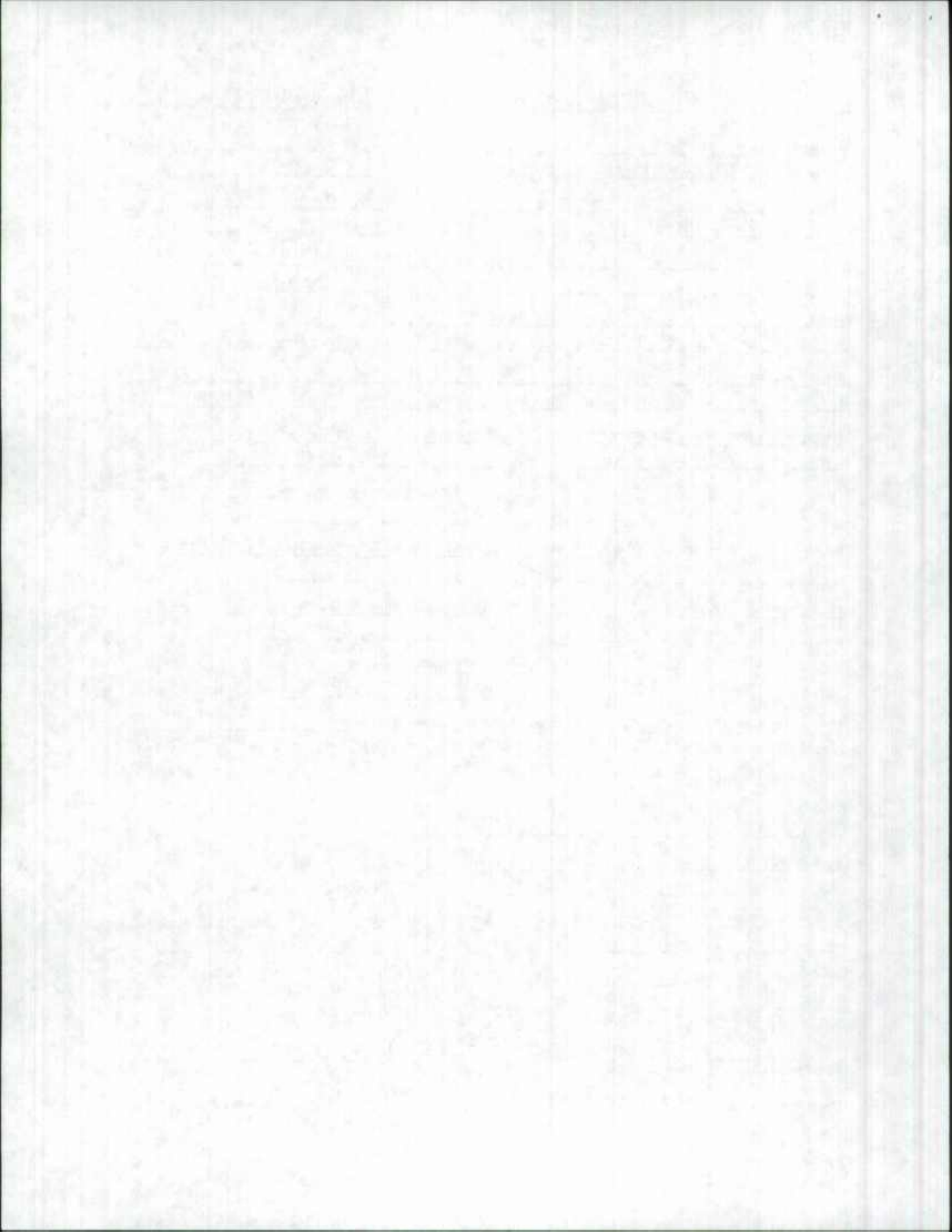
Responsible Contact for Mitigation (Print)

Robert Purnell Jr 8/28/08

Signature

Date

*See reverse for details



Memorandum

To: Tom Lawton
From: Dale Pusey
Date: 6/13/2008
Re: Somerset Detention Center

The proposed project at the Somerset County Detention Center includes a 50-foot by 100-foot impervious recreation area and a 10-foot by 22.5-foot walk adjacent to the existing addition that was permitted in 2006.

The earlier improvements included a 5,880 square-foot impervious area that met the Disconnection of Rooftop Runoff Credit criteria. The project therefore satisfied the recharge requirements and reduced the water quality volume requirements to 158 cubic feet, a volume that is already provided in the existing stormwater management system. The credit also enabled the use of a "woods" curve number for the impervious area that, because the curve number is reduced compared to the existing conditions curve number for grass, reduced the post-development peak runoff rate to less than the pre-development peak runoff rate, thereby satisfying the water quantity requirements.

← no SWM/SE ?
requirements
over 5K.

This phase includes a 5,225 square-foot impervious area that also meets the Disconnection of Rooftop Runoff Credit criteria. The project therefore satisfies the recharge requirements and reduces the water quality volume requirements to 38 cubic feet, a volume that is also already provided in the existing stormwater management system. The credit enables the use of a "woods" curve number for the impervious area that, because the curve number is reduced compared to the existing conditions curve number for grass, reduces the post-development peak runoff rate to less than the pre-development peak runoff rate, thereby satisfying the water quantity requirements.

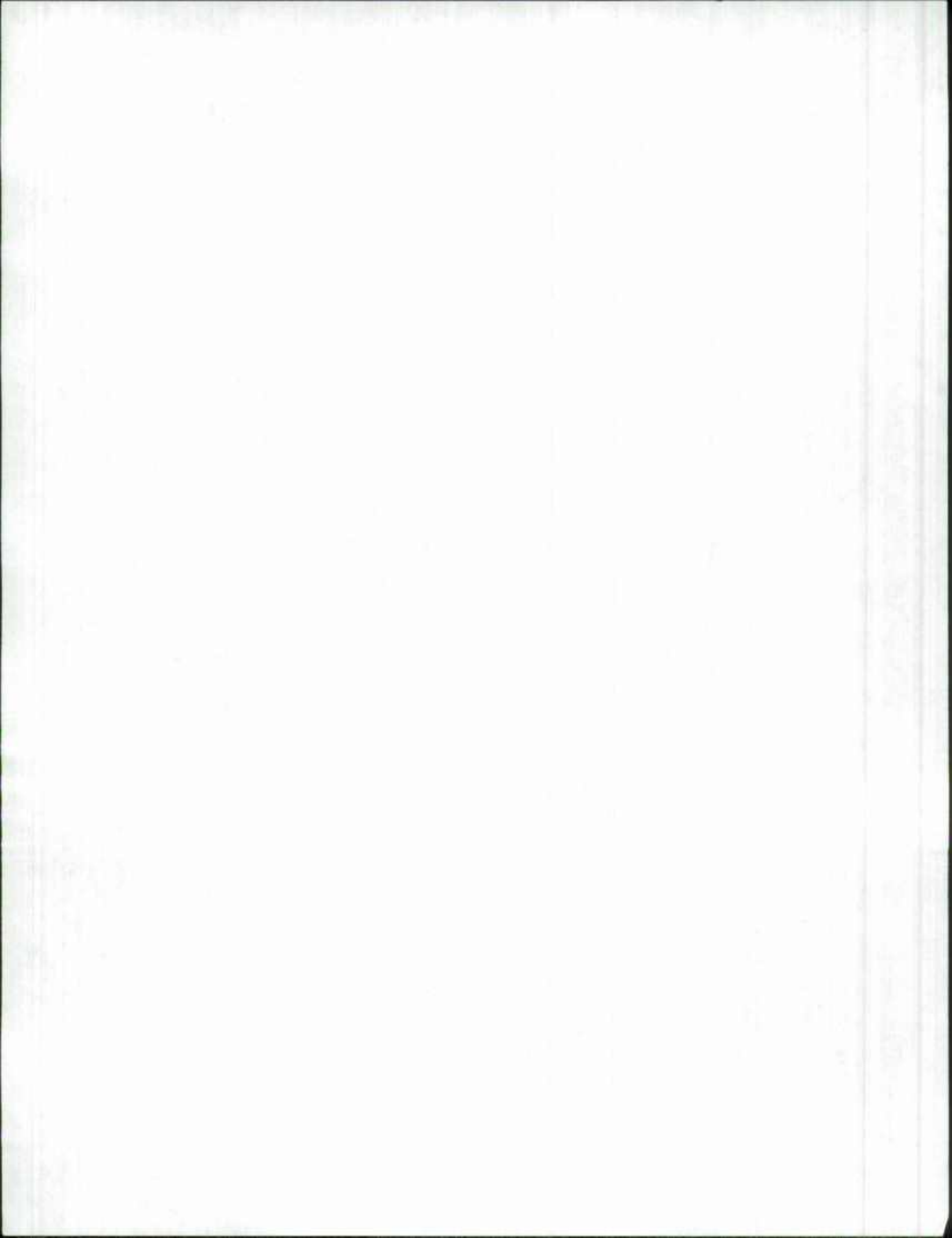
Need a local variance as well
by BOA

Dale Pusey

Dale Pusey, P. E.

Stormwater Management Consultant

PNR
no letter / looked @ Merlin
cond. App b/c over imp?
30.5%





Martin O'Malley, Governor
Anthony G. Brown, Lt. Governor
John R. Griffin, Secretary
Eric Schwaab, Deputy Secretary

June 17, 2008

Thomas Lawton
Somerset Co. DTCS
11916 Somerset Ave.
Princess Anne, MD 21853

RE: Environmental Review for TM 32, P 204, Somerset County, MD.

Dear Mr. Lawton:

The Wildlife and Heritage Service has determined that there are no State or Federal records for rare, threatened or endangered species within the boundaries of the project site as delineated. As a result, we have no specific comments or requirements pertaining to protection measures at this time. This statement should not be interpreted however as meaning that rare, threatened or endangered species are not in fact present. If appropriate habitat is available, certain species could be present without documentation because adequate surveys have not been conducted.

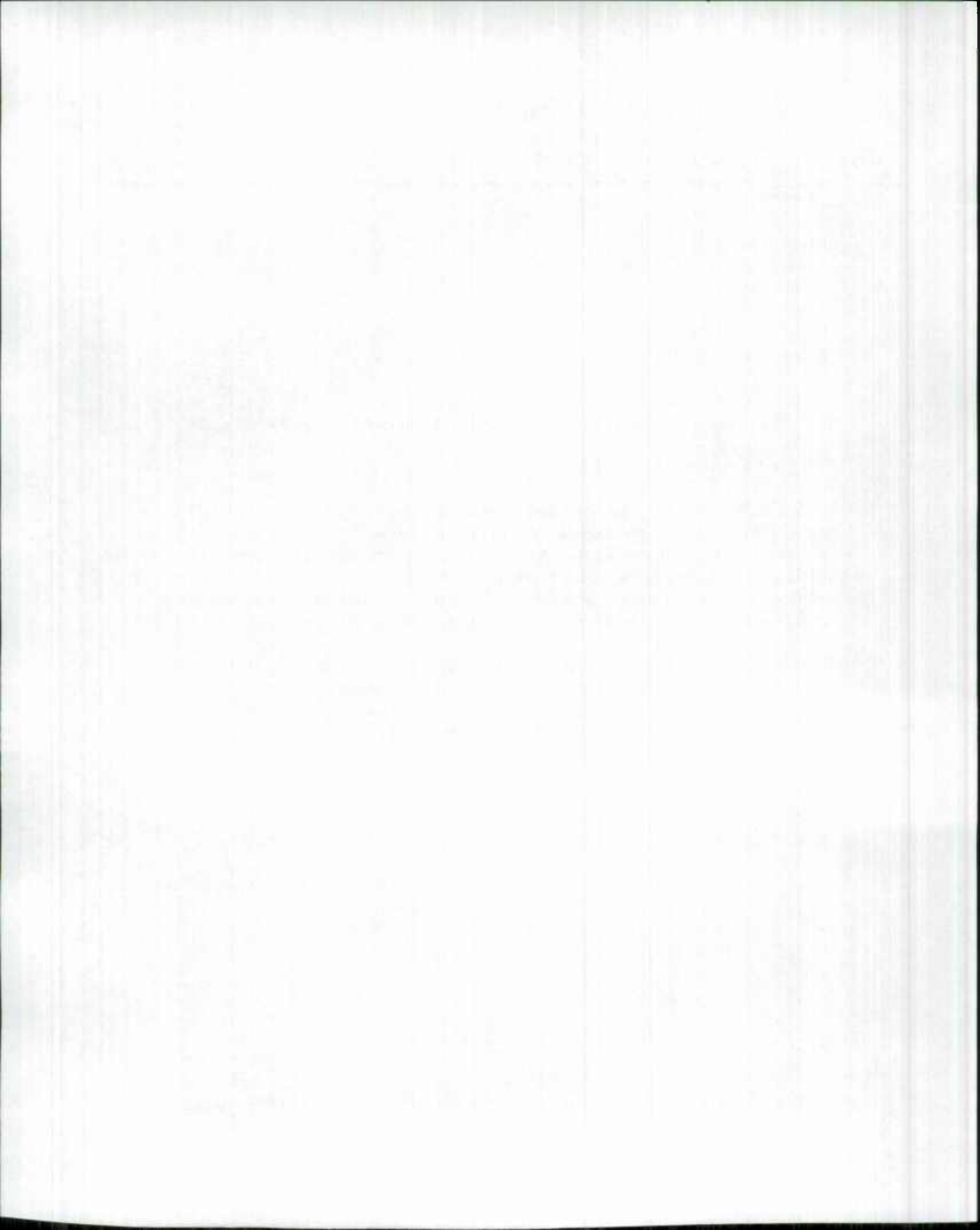
Thank you for allowing us the opportunity to review this project. If you should have any further questions regarding this information, please contact me at (410) 260-8573.

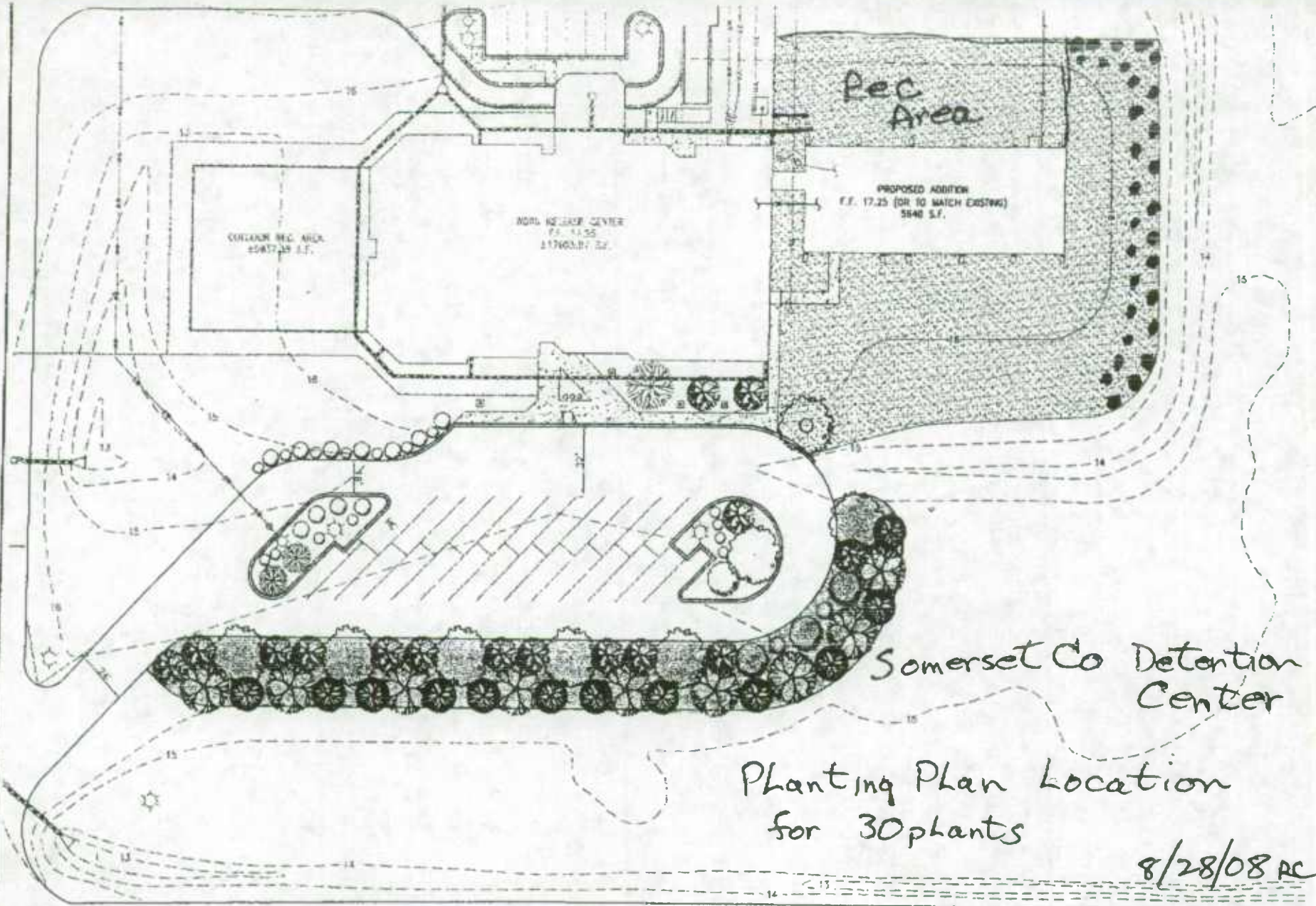
Sincerely,

Lori A. Byrne,
Environmental Review Coordinator
Wildlife and Heritage Service
MD Dept. of Natural Resources

ER# 2008.0960

RECEIVED
JUN 19 2008
SOMERSET COUNTY
TECHNICAL & COMMUNITY SER.





Somerset Co Detention Center

Planting Plan Location for 30 plants

8/28/08 AC

EXISTING LEGEND

- WATER LINE, VALVE, HOV
- SANITARY SEWER / MANHOLE, CLEANOUT
- STORM PIPE / MANHOLE
- PAVEMENT
- STREET LIGHT
- CONTOUR
- FENCE

REVELL'S NECK ROAD
TO U.S. ROUTE 13

PROPOSED LEGEND

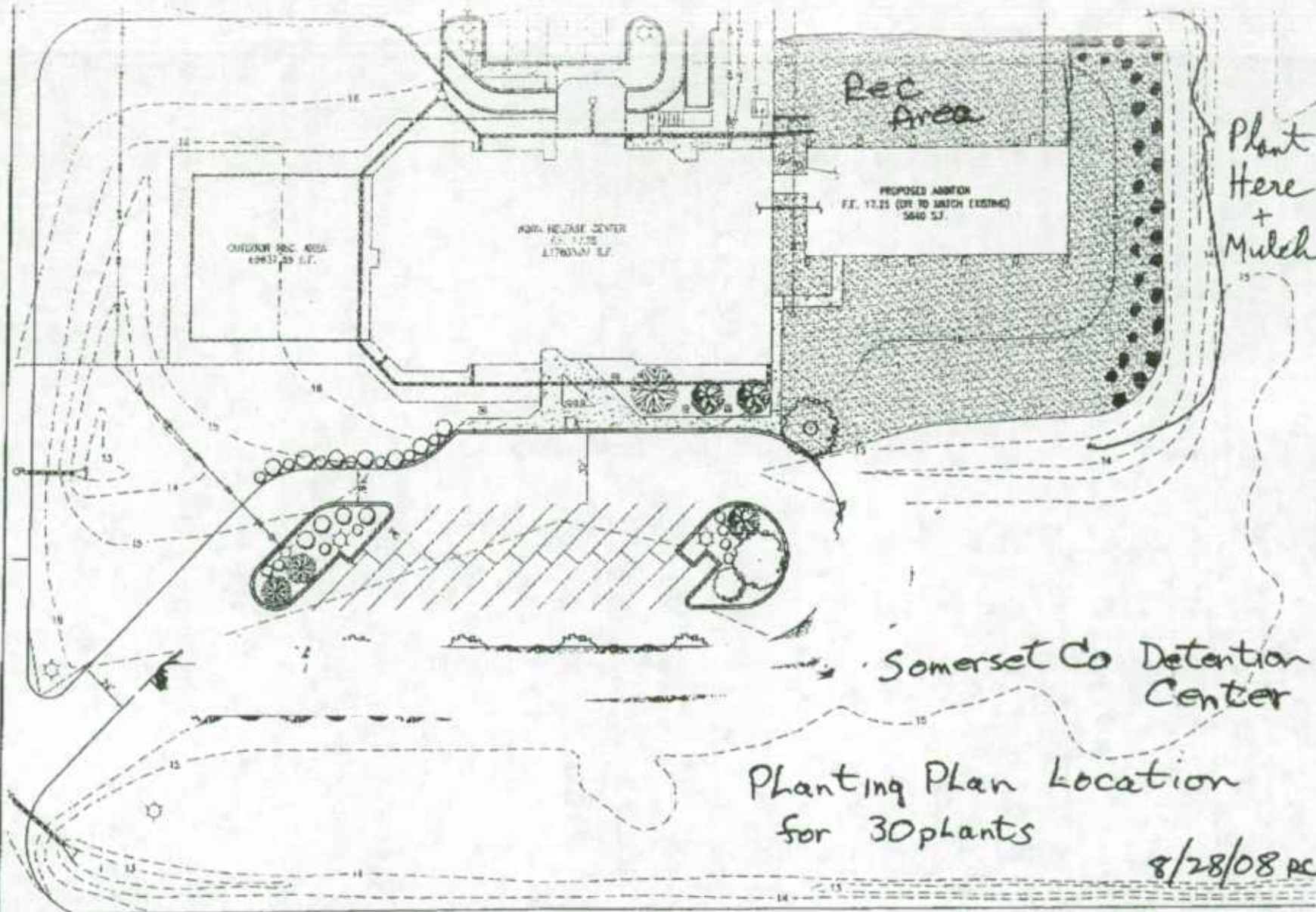
- CONCRETE
- PROPOSED CONTOUR
- PROP. PAVEMENT

PLANTING LEGEND:

OFF. COMMON NAME	BOTANICAL NAME	SIZE	QTY	CONTR. DIMENS	TOTAL DIMENS
WALNUT OAK	QUERCUS PHELLEPS	2" CAL	CONTR.	200 SF EA	7,600

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2. CONTR. DRAWING
3. ALL PL. SECURELY MARKED, SP. OWNER'S
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08/28/2008 14:54 4106512597
 SOMERSET P & Z/DTCOS
 PAGE 03



EXISTING LEGEND

- WATER LINE, VALVE, HYD
- SEWER / MANHOLE / CLEANOUT
- STORM PIPE / MANHOLE
- PAVEMENT
- STREET LIGHT
- CONTOUR
- FENCE

REVELL'S NECK ROAD
 TO U.S. ROUTE 13

PROPOSED LEGEND

- CONCRETE
- PROPOSED CONTOUR

PLANTING LEGEND:

QTY	COMMON NAME	BOTANICAL NAME	SIZE	ROOT	CRANE POINTS	TOTAL POINTS
8	WILLOW OAK	QUERCUS PHELLOS	2" CAL.	CONT.	200 SF EA.	1,600
8			2" CAL.	CONT.	200 SF EA.	1,600



Somerset Co Detention Center

Planting Plan Location for 30 plants

8/28/08 PC

1. PLANTS ASSOCIATE AND OWNER
2. CONTRA OURNANCE
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SOMERSET DETENTION CENTER

NEW WORK RELEASE FACILITY

WESTOVER, MARYLAND

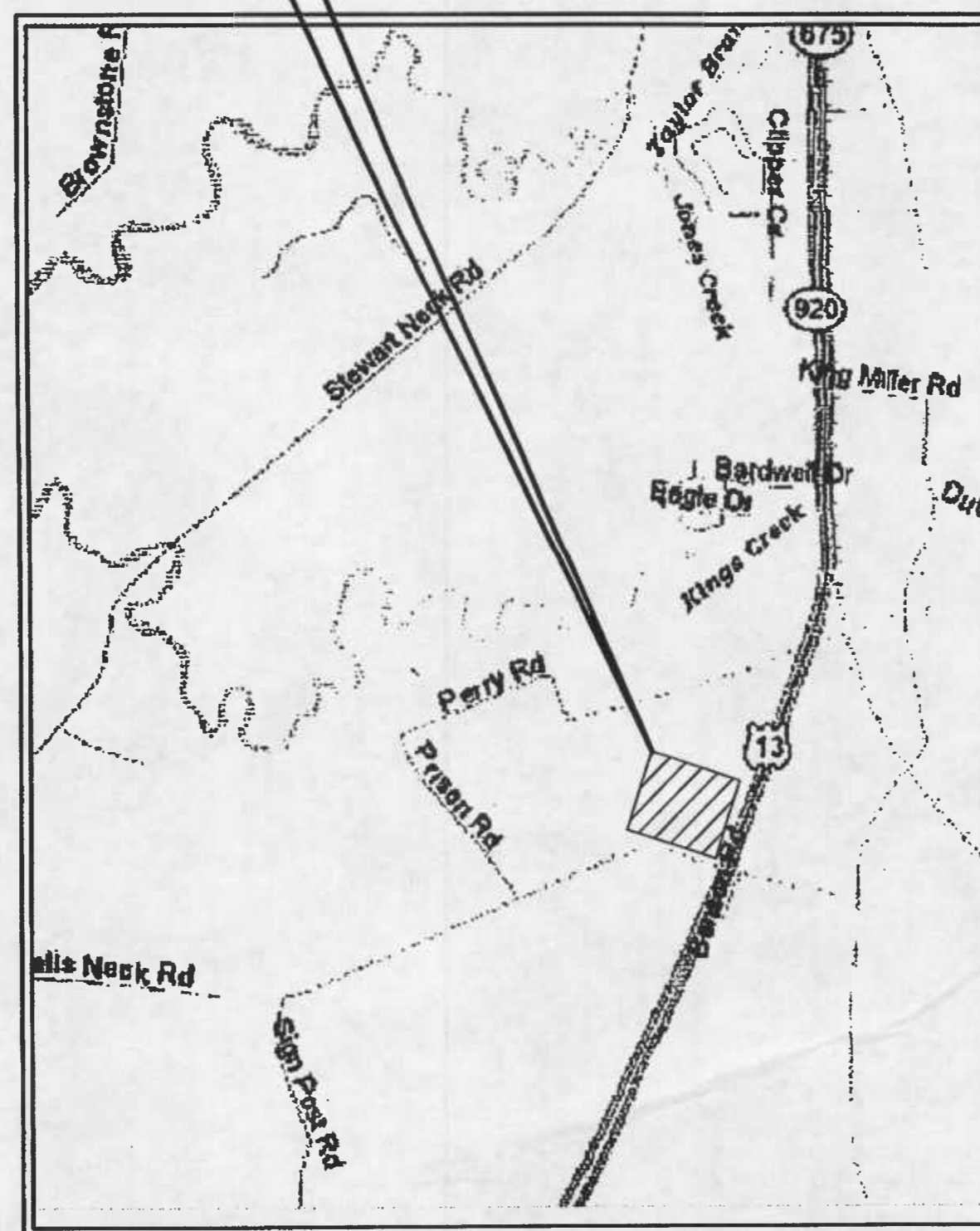
SOMERSET COUNTY FILE NO. SP-05-147A AMENDED

GMB FILE NO. 2006201

GENERAL NOTES

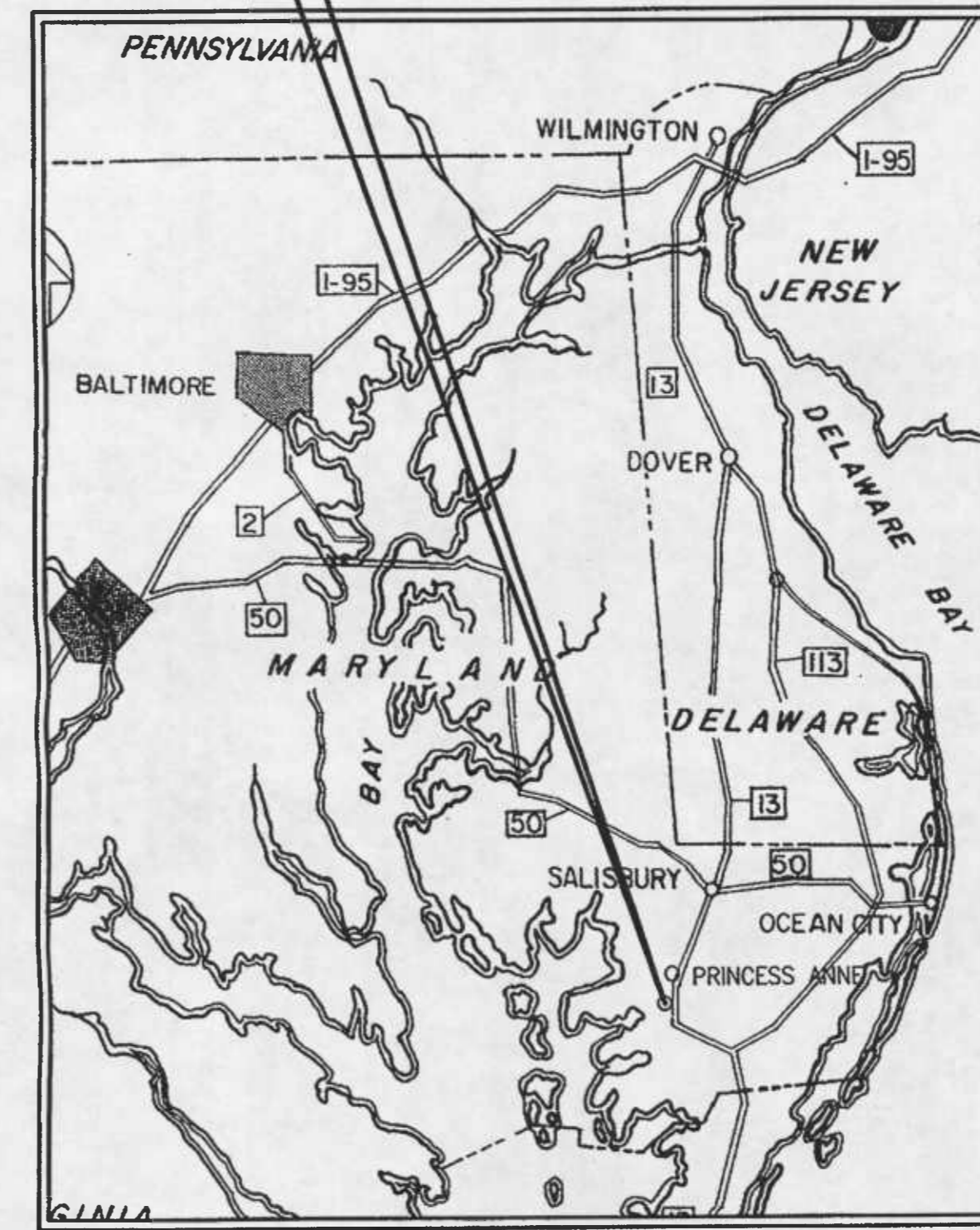
- BEFORE ANY EXCAVATION IS PERFORMED, THE CONTRACTOR SHALL CONTACT "MISS UTILITY" OF DELMARVA AT 1-800-441-8355, AT LEAST THREE (3) WORKING DAYS PRIOR TO EXCAVATION TO HAVE EXISTING UNDERGROUND UTILITIES LOCATED.
- CONTRACTOR SHALL PROVIDE STAKEOUT NECESSARY FOR THE INSTALLATION OF THE UTILITIES, BUILDING AND ALL OTHER SITE WORK INCLUDED IN THESE PLANS.
- CONSTRUCTION OF FOUNDATION LOT AND SITE GRADING SHALL CONFORM TO EROSION AND SEDIMENT CONTROL REQUIREMENTS DEFINED ON THE SEDIMENT CONTROL PLAN DRAWINGS.
- EXISTING UTILITY LOCATIONS SHOWN ARE BEST AVAILABLE INFORMATION ONLY. THE CONTRACTOR SHALL VERIFY LOCATION, SIZE, MATERIAL, AND INVERT OF EXISTING UTILITIES BEFORE STARTING CONSTRUCTION. REPAIR ANY DAMAGE CAUSED THERETO.
- CONSTRUCTION AND MATERIALS ON SANITARY SEWER LINES FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH SOMERSET COUNTY AND MARYLAND DEPARTMENT OF THE ENVIRONMENT STANDARDS AND REGULATIONS.
- WATER SERVICE INSTALLATIONS SHALL BE COORDINATED WITH THE SOMERSET COUNTY PUBLIC WORKS DEPARTMENT.
- CONTRACTOR TO MAINTAIN MINIMUM OF 3.0 FEET OF COVER OVER ALL NEW WATER LINES.
- CONTRACTOR TO MAINTAIN MINIMUM OF 2.0 FEET OF COVER OVER ALL SEWER LINES.
- USE ONLY SUITABLE AND APPROVED GRANULAR MATERIAL FOR BACK FILLING TRENCHES.
- ON-SITE TOPOGRAPHIC AND LOCATION INFORMATION WAS COMPILED FROM DRAWINGS BY DEWBERRY & DAVIS / PHILLIPS SWAGER ASSOCIATES DRAWINGS DATED JANUARY 2ND, 1985.
- THE ENTIRE SITE IS NOT LOCATED WITHIN ANY KNOW FLOOD ZONE
- THIS SITE IS LOCATED WITHIN FLOOD ZONE C - PANEL NUMBER 240061 0175 A (COMMUNITY PANEL), EFFECTIVE DATE JUNE 15, 1981.
- THE CONTRACTOR SHALL REPAIR OR REPLACE IN KIND ANY EXISTING FEATURES DAMAGED OR DESTROYED DURING CONSTRUCTION.
- ALL BACK FILLED AND DISTURBED AREAS TO BE STABILIZED IN ACCORDANCE WITH APPROVED METHODS WITHIN 14 DAYS OF DISTURBANCE.
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY STAKE OUT OF LINE AND GRADE.
- ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT, LATEST EDITION, AND ALL RULES AND REGULATIONS THERETO.
- THE CONTRACTOR SHALL KEEP EXISTING UTILITIES SERVICING ADJACENT PROPERTIES IN OPERATION DURING CONSTRUCTION.
- THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF ALL PERMITS SECURED, WHICH TAKE PRECEDENCE OVER SPECIFICATIONS.
- THE CONTRACTOR SHALL TAKE CAUTION AND TAKE MEASURES NECESSARY TO PROTECT TREES NOT MARKED FOR REMOVAL DURING CONSTRUCTION ACTIVITY.
- THE CONTRACTOR IS RESPONSIBLE FOR SECURING AND PROTECTING UTILITY POLES BEFORE AND DURING CONSTRUCTION ACTIVITIES.
- ANY DISTURBED AREAS OUTSIDE THE LIMIT OF DISTURBANCE SHALL BE RESTORED TO THEIR ORIGINAL CONDITION IMMEDIATELY.
- CONTRACTOR SHALL CALL SOMERSET COUNTY FOR INITIAL, PROGRESS AND FINAL INSPECTIONS 48 HOURS IN ADVANCE AT 410-651-1424.
- FINAL GRADES SHOULD HAVE POSITIVE DRAINAGE AND RUNOFF SHOULD DRAIN TOWARD STREET DRAINAGE ARROWS TO BE SHOWN IN RED ON THE AS-BUILT DRAWINGS. AN ADJUSTMENT OF THE GRADE TO THE SITE IS THE RESPONSIBILITY OF THE CONTRACTOR. MINIMUM SLOPE IS 1" IN 10". PONDING WATER IS UNACCEPTABLE.
- INSTALL AND MAINTAIN SILT FENCE UNTIL PROPERTY IS STABILIZED - BARE SOIL WILL NEED TO BE STABILIZED WITH VEGETATION, STRAW, OR OTHER APPROPRIATE MEASURE PRIOR TO CERTIFICATE OF OCCUPANCY. ALL STORM WATER MANAGEMENT STRUCTURAL DEVICES WILL BE PROTECTED FROM SILTATION UNTIL SITE IS STABILIZED.
- KEEP STREETS CLEAN OF DIRT AND DEBRIS AND SITE FREE OF LITTER AND DEBRIS.
- SITE GRADING:
 - FILL MATERIAL IS REQUIRED CLEAN AND FREE OF DEBRIS AND ORGANIC MATERIAL.
 - STOCKPILES OF DIRT SHOULD BE STABILIZED WITH VEGETATION OR PROTECTED WITH SILT FENCE, HAY BALES, STRAW OR APPROPRIATE PROTECTION.
 - COMPACTION OF FILL REQUIRED.
 - SLOPE AND HEIGHT OF FILL SHOULD NOT EXCEED REQUIREMENTS FOR RETAINING WALL. BUILDING PERMIT REQUIRED FOR RETAINING WALLS.
- REMOVE ALL CONSTRUCTION MATERIALS, DUMPSTERS, PORT-A-POTS, ETC. FROM PROPERTY AT COMPLETION OF PROJECT.
- ALL DISTURBED PROPERTY WILL BE PERMANENTLY AND ADEQUATELY STABILIZED, TO PREVENT SOIL RUNOFF AND EROSION WITHIN 14 DAYS.
- ALL DEMOLITION MATERIAL AND DEBRIS SHALL BE HAULLED OFF-SITE AND REMOVED TO A LOCATION DETERMINED BY THE OWNER IN AN EXPECTABLE MANNER BY LAW.
- NO WETLANDS EXIST ON THE PROPOSED ADDITION SITE AREA.
- NO ADDITIONAL PARKING IS REQUIRED.
- THIS SITE FALLS WITHIN THE CHESAPEAKE BAY CRITICAL AREAS LIMIT AND IS DESIGNATED AS A RESOURCE CONSERVATION AREA (RCA).

PROJECT LOCATION



LOCATION MAP
NOT TO SCALE

PROJECT AREA



VICINITY MAP
1" = 20 MILES

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SALISBURY • BALTIMORE • LEWES • SEAFORD • YORK

JULY 2006

DEVELOPER CERTIFICATION

I hereby certify that I am the owner of the property described and shown on this plan and that the plan was made at my direction.

James H. Henderson 9-21-06
SIGNATURE DATE

ENGINEERS CERTIFICATION:

I hereby certify that I am James H. Willey Jr., P.E., a registered engineer in the State of Maryland, that the information shown here on has been prepared under my supervision and to the best of my knowledge and belief represents good engineering practices as required by the applicable laws of the State of Maryland.

J. H. Willey Jr. 9-19-06
ENGINEER'S SIGNATURE DATE

LIST OF DRAWINGS

GENERAL
G1.1 TITLE SHEET

CIVIL
C1.1 EXISTING SITE PLAN
C1.2 E&SC AND PROPOSED SITE PLAN
C1.3 UTILITY & SITE DETAILS
C2.1 E&SC NOTES
C2.2 E&SC DETAILS

LANDSCAPING
L1.1 PLANTING PLAN

SITE DATA

COUNTY SITE PLAN NO. SP-05-147
SITE ADDRESS: EASTERN CORRECTIONAL INSTITUTION
WORK RELEASE CENTER
30474 REVELLS NECK ROAD
WESTOVER, MD 21871

SITE AREA: 6.16 AC. OR 268329.60 SF
CURRENT ZONING: "AR" AGRICULTURAL/RESIDENTIAL
USE: INSTITUTIONAL [WORK RELEASE CENTER]
BUILDING AREA: 5,640 SF
BUILDING HEIGHT: +/- 13.5'
TAX MAP: 32
PARCEL: 204
GRID: 6
ELECTION DISTRICT: WESTOVER (#13)
ASSESSMENT AREA: 1
VOLUME OF FILL: 90 CY
FLOOD ZONE: "C" PER FIRM MAP COMMUNITY PANEL # 240061 0175 A PANEL 175 OF 450 EFFECTIVE DATE JUNE 15, 1981
SOILS TYPE: "0hA" OTHELLO SILT LOAM 0-2% SLOPES
LIMIT OF DISTURBANCE: 0.965 AC. OR 42,054.64 SF

CONTACT INFORMATION

OWNER/DEVELOPER: BOARD OF COUNTY COMMISSIONERS FOR SOMERSET COUNTY
30474 REVELLS NECK ROAD
WESTOVER, MD 21871

OWNER CONTACT: JIM HENDERSON (WARDEN)
(410) 651-5936

CIVIL ENGINEER: GEORGE, MILES & BUHR, LLC.
208 WEST MAIN STREET
SALISBURY, MD 21801

ENGINEER CONTACT: JAMES H. WILLEY, JR., P.E.
(410) 742-3115

DEVELOPEMENT DENSITY

MAX. # OCCUPANTS: 42 PERSONS
MAX. # EMPLOYEES: 2 PERSONS

PARKING

NO ADDITIONAL PARKING IS REQUIRED

SITE CALCULATIONS

EXISTING TOTAL PARCEL SIZE:	6.169 AC OR 268,721.64 SF
EXISTING TOTAL IMPERVIOUS AREA:	1,628 AC OR 70,945.22 SF
CURB, GUTTER, & PAVEMENT:	1.03 AC OR 45,076.59 SF
SIDEWALK:	.080 AC OR 2,828.20 SF
REC. AREA/BUILDING:	.533 AC OR 23,240.44 SF
EXISTING % IMPERVIOUS:	26.4%
PROPOSED IMPERVIOUS:	1.134 AC OR 5,880.2 SF
BUILDING AREA:	1,129 AC OR 5,640 SF
SIDEWALK AREA:	.025 AC OR 240.2 SF
PROPOSED % IMPERVIOUS:	2.18%
PROPOSED+EXISTING IMPERVIOUS:	76,825.40 SF + 5,725 SF = 82,550.40 SF
NEW TOTAL % IMPERVIOUS:	28.58%
ALLOWED % IMPERVIOUS:	26%
VARIANCE REQUESTED OF TOTAL %:	29.0%
INCREASE DIFFERENCE:	3.0%

30.53% IMPERVIOUS

APPROVED
SOMERSET COUNTY
PLANNING COMMISSION

J. Willey 1-5-07
SIGNATURE DATE

DESIGN / DEVELOPMENT PLANS
PRINTS ISSUED FOR:
• REVIEW

DATE

REVISIONS

NO.



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SOMERSET COUNTY, MARYLAND



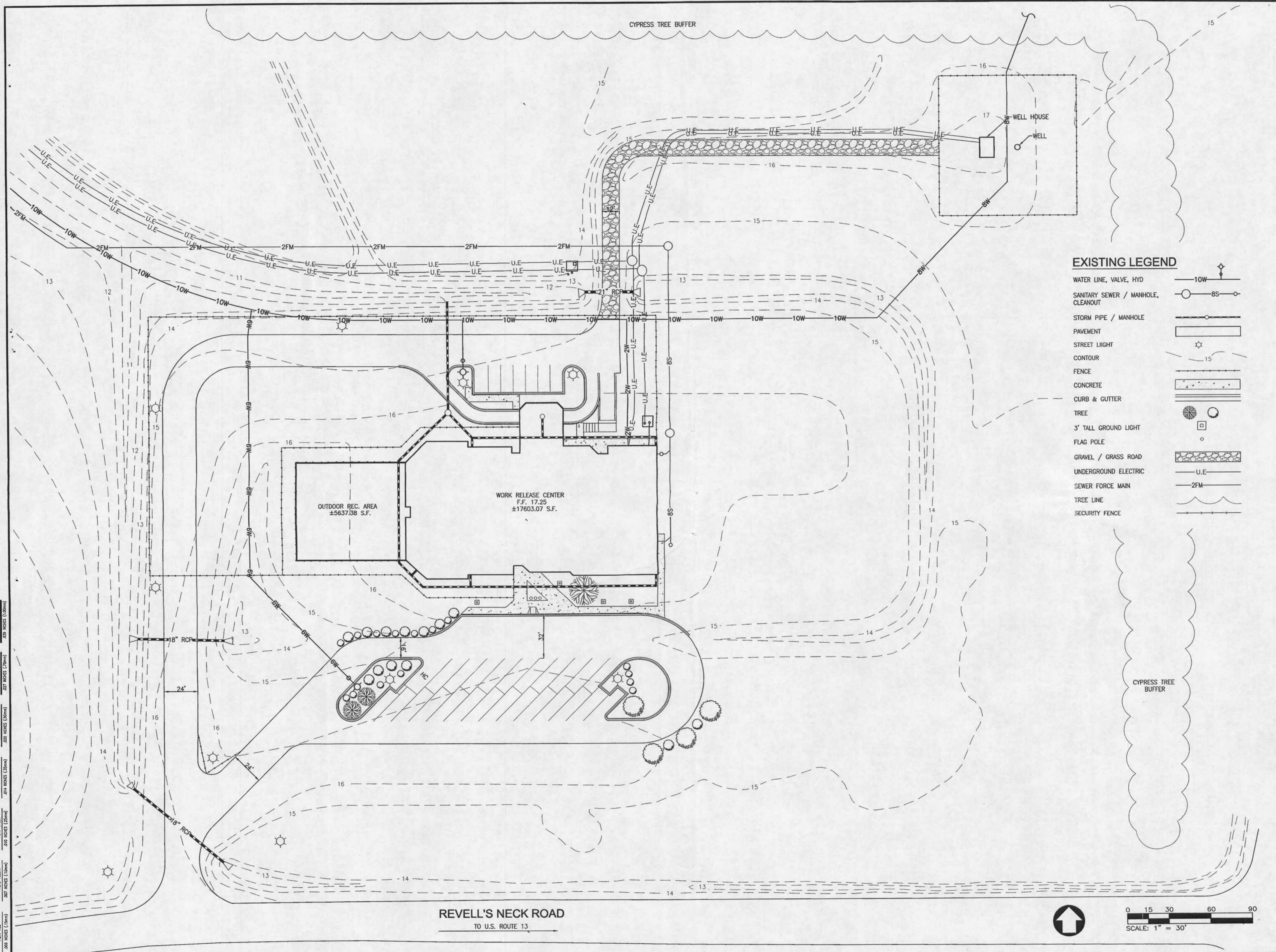
TITLE SHEET

SCALE : AS NOTED

DESIGN BY : NWH
DRAWN BY : JCB
CHECKED BY: AHP
GMB FILE : 2006201.00
DATE : JULY 2006

G1.1

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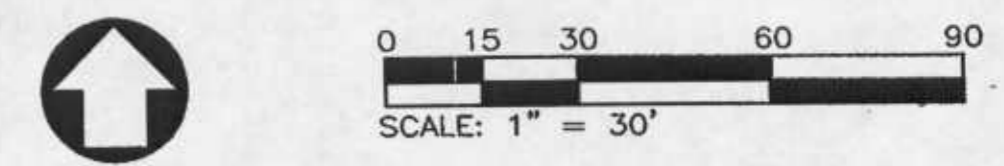


EXISTING LEGEND

WATER LINE, VALVE, HYD	
SANITARY SEWER / MANHOLE, CLEANOUT	
STORM PIPE / MANHOLE	
PAVEMENT	
STREET LIGHT	
CONTOUR	
FENCE	
CONCRETE	
CURB & GUTTER	
TREE	
3' TALL GROUND LIGHT	
FLAG POLE	
GRAVEL / GRASS ROAD	
UNDERGROUND ELECTRIC	
SEWER FORCE MAIN	
TREE LINE	
SECURITY FENCE	

PLOT CODE
 PINK-RED 1/8" = 30'
 PINK-YELLOW 1/8" = 30'
 PINK-GREEN 1/8" = 30'
 PINK-BLUE 1/8" = 30'
 PINK-WHITE 1/8" = 30'
 PINK-ORANGE 1/8" = 30'
 PINK-GRAY 1/8" = 30'

REVELL'S NECK ROAD
TO U.S. ROUTE 13



DESIGN / DEVELOPMENT PLANS
PRINTS ISSUED FOR:
• REVIEW

NO.	REVISIONS	DATE

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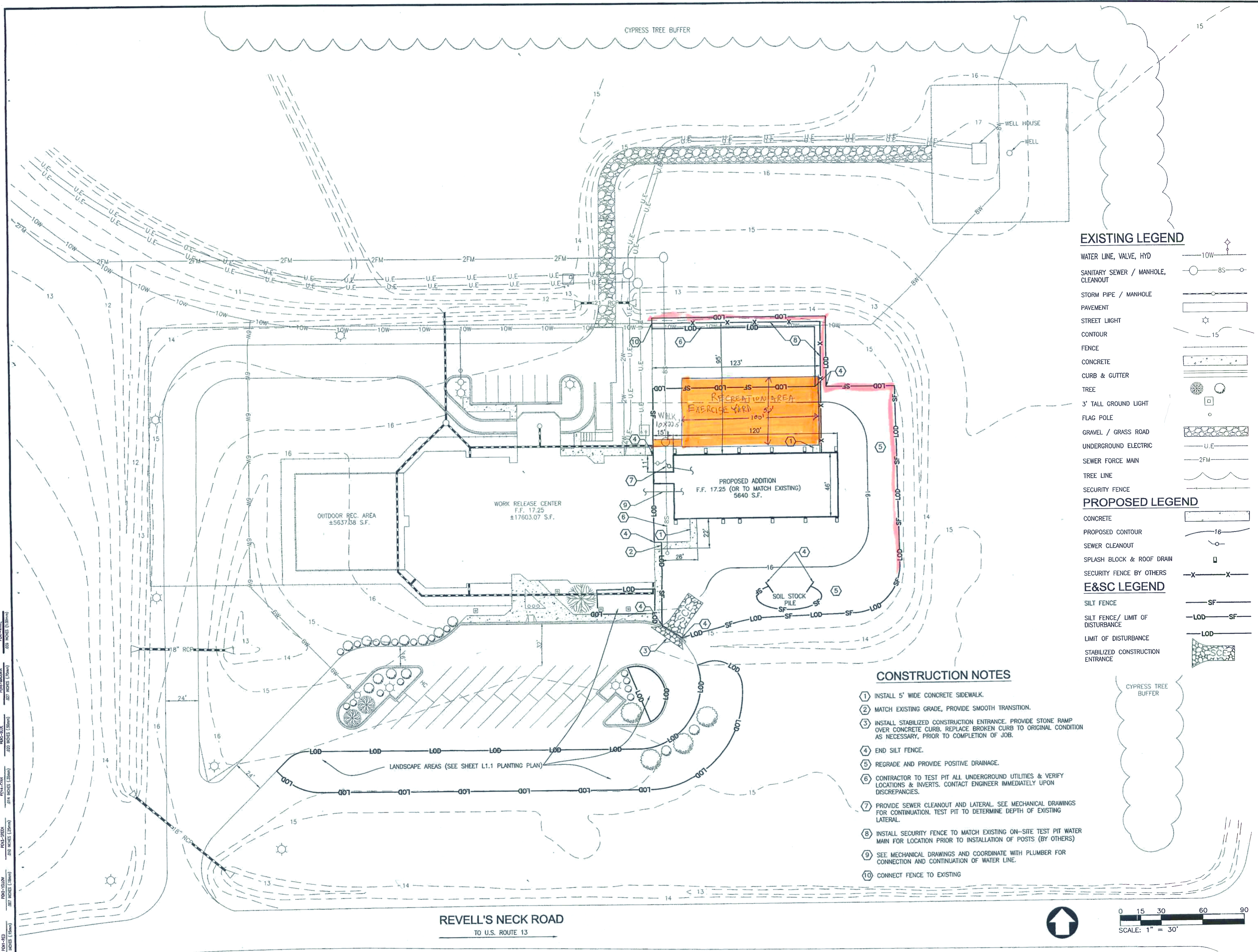
SOMERSET DETENTION CENTER -
NEW WORK RELEASE FACILITY
SOMERSET COUNTY, MARYLAND



EXISTING SITE PLAN

SCALE: 1" = 30'	C1.1
DESIGN BY: NWH	
DRAWN BY: JCB	
CHECKED BY: AHP	
GMB FILE: 2006201.00	
DATE: JULY 2006	

© Project 2006 2006201 Work Release Facility Drawings Working Drawings C1.1 Existing Site Plan, 9/17/2006 8:30:13 AM



EXISTING LEGEND

WATER LINE, VALVE, HYD	
SANITARY SEWER / MANHOLE, CLEANOUT	
STORM PIPE / MANHOLE	
PAVEMENT	
STREET LIGHT	
CONTOUR	
FENCE	
CONCRETE	
CURB & GUTTER	
TREE	
3' TALL GROUND LIGHT	
FLAG POLE	
GRAVEL / GRASS ROAD	
UNDERGROUND ELECTRIC	
SEWER FORCE MAIN	
TREE LINE	
SECURITY FENCE	

PROPOSED LEGEND

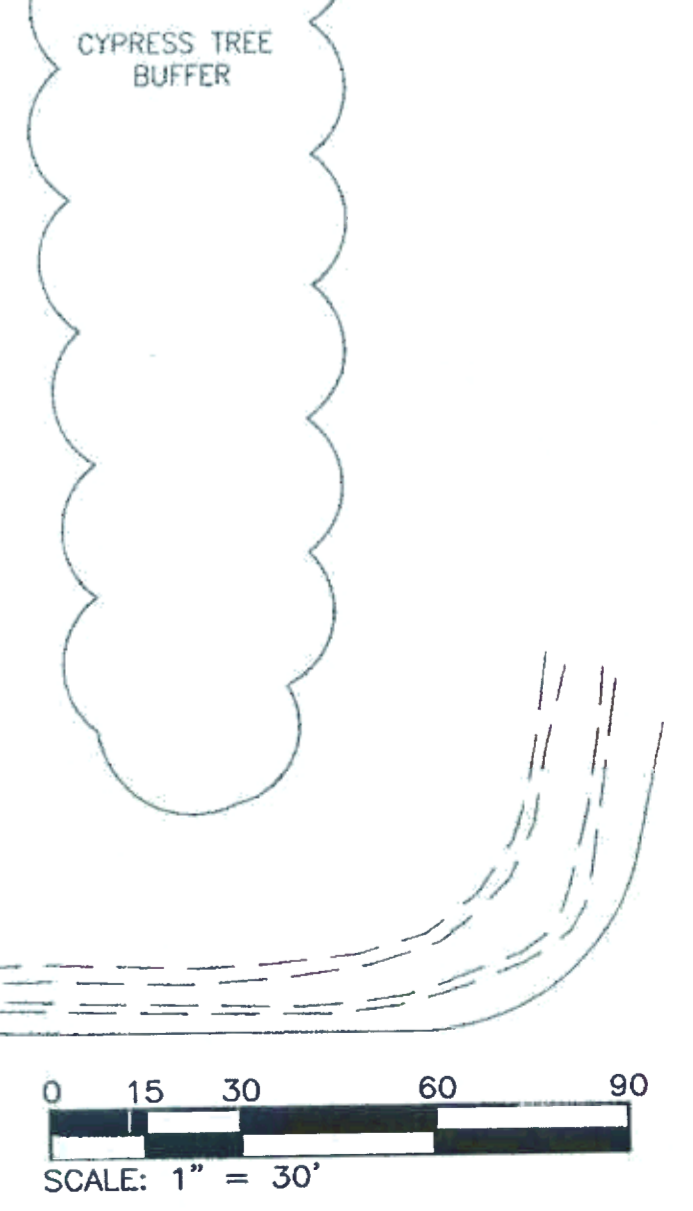
CONCRETE	
PROPOSED CONTOUR	
SEWER CLEANOUT	
SPLASH BLOCK & ROOF DRAIN	
SECURITY FENCE BY OTHERS	

E&SC LEGEND

SILT FENCE	
SILT FENCE/ LIMIT OF DISTURBANCE	
LIMIT OF DISTURBANCE	
STABILIZED CONSTRUCTION ENTRANCE	

CONSTRUCTION NOTES

- 1) INSTALL 5' WIDE CONCRETE SIDEWALK.
- 2) MATCH EXISTING GRADE, PROVIDE SMOOTH TRANSITION.
- 3) INSTALL STABILIZED CONSTRUCTION ENTRANCE. PROVIDE STONE RAMP OVER CONCRETE CURB. REPLACE BROKEN CURB TO ORIGINAL CONDITION AS NECESSARY, PRIOR TO COMPLETION OF JOB.
- 4) END SILT FENCE.
- 5) REGRADE AND PROVIDE POSITIVE DRAINAGE.
- 6) CONTRACTOR TO TEST PIT ALL UNDERGROUND UTILITIES & VERIFY LOCATIONS & INVERTS. CONTACT ENGINEER IMMEDIATELY UPON DISCREPANCIES.
- 7) PROVIDE SEWER CLEANOUT AND LATERAL. SEE MECHANICAL DRAWINGS FOR CONTINUATION. TEST PIT TO DETERMINE DEPTH OF EXISTING LATERAL.
- 8) INSTALL SECURITY FENCE TO MATCH EXISTING ON-SITE TEST PIT WATER MAIN FOR LOCATION PRIOR TO INSTALLATION OF POSTS (BY OTHERS)
- 9) SEE MECHANICAL DRAWINGS AND COORDINATE WITH PLUMBER FOR CONNECTION AND CONTINUATION OF WATER LINE.
- 10) CONNECT FENCE TO EXISTING



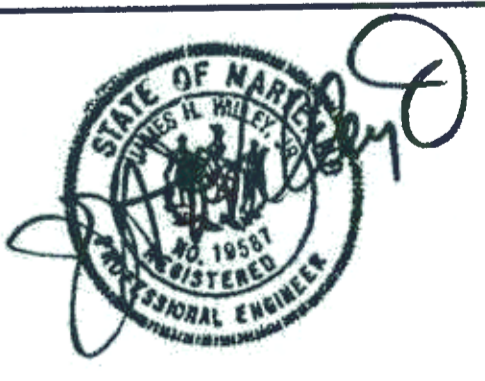
REVELL'S NECK ROAD
TO U.S. ROUTE 13

DESIGN / DEVELOPMENT PLANS
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SOMERSET COUNTY, MARYLAND



E&SC AND
PROPOSED SITE
PLAN

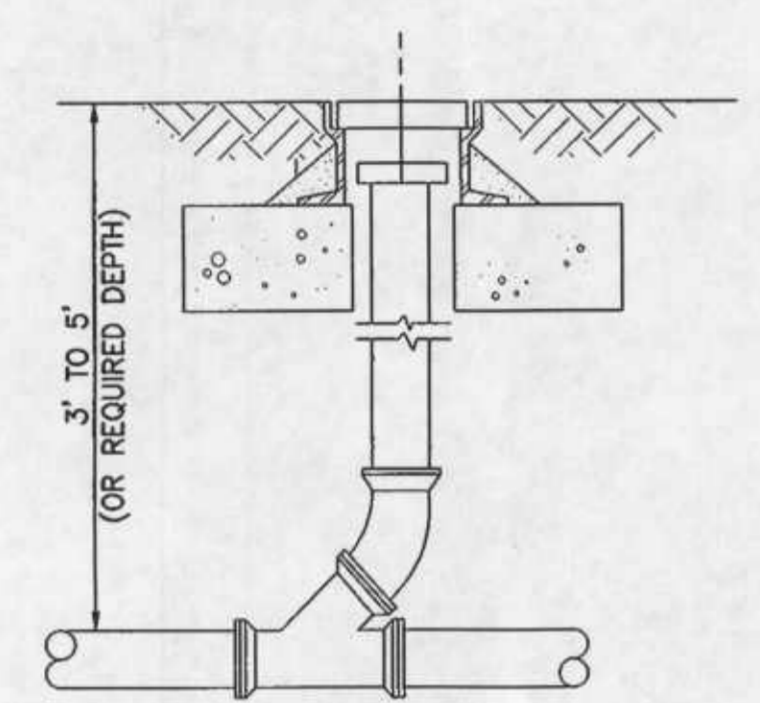
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DRAWN BY	: JCB
CHECKED BY	: AHP
GMB FILE	: 2006201.00
DATE	: JULY 2006

C1.2

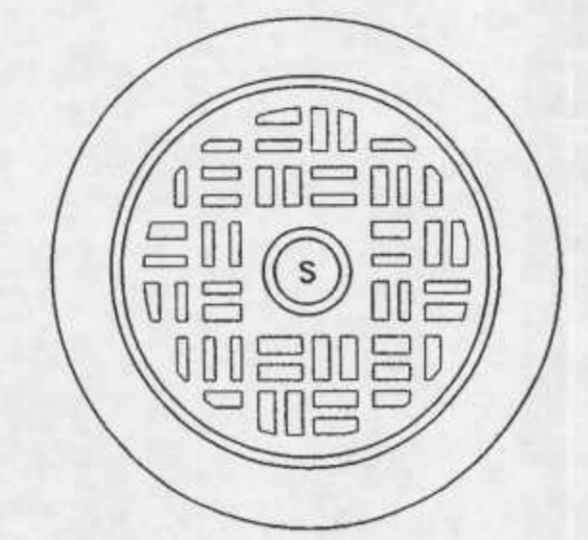
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REVISIONS

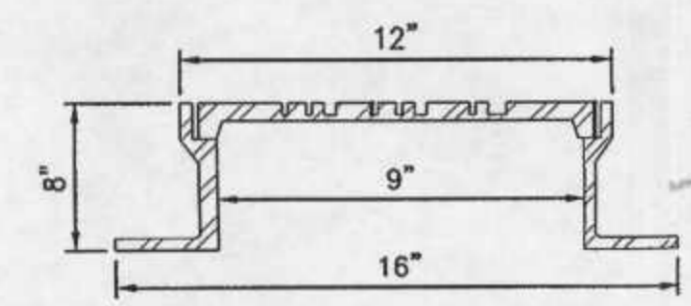
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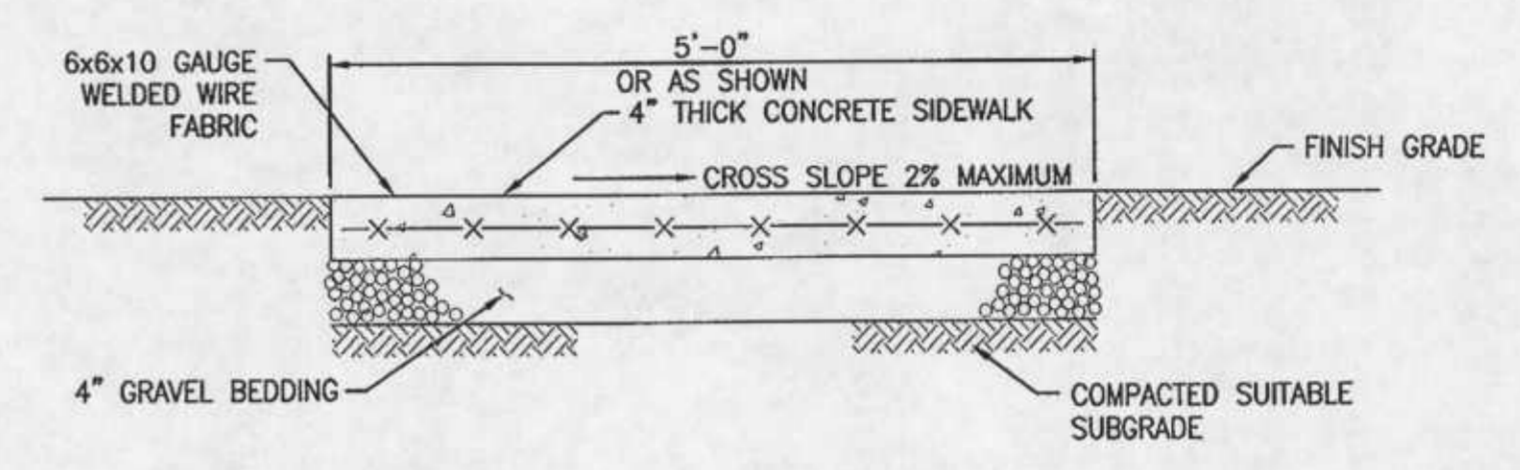
STANDARD LATERAL CLEANOUT
NO SCALE



MATERIAL - CAST IRON ASTM-A-48 CLASS 30
WEIGHT - APPROX. 130 LBS.



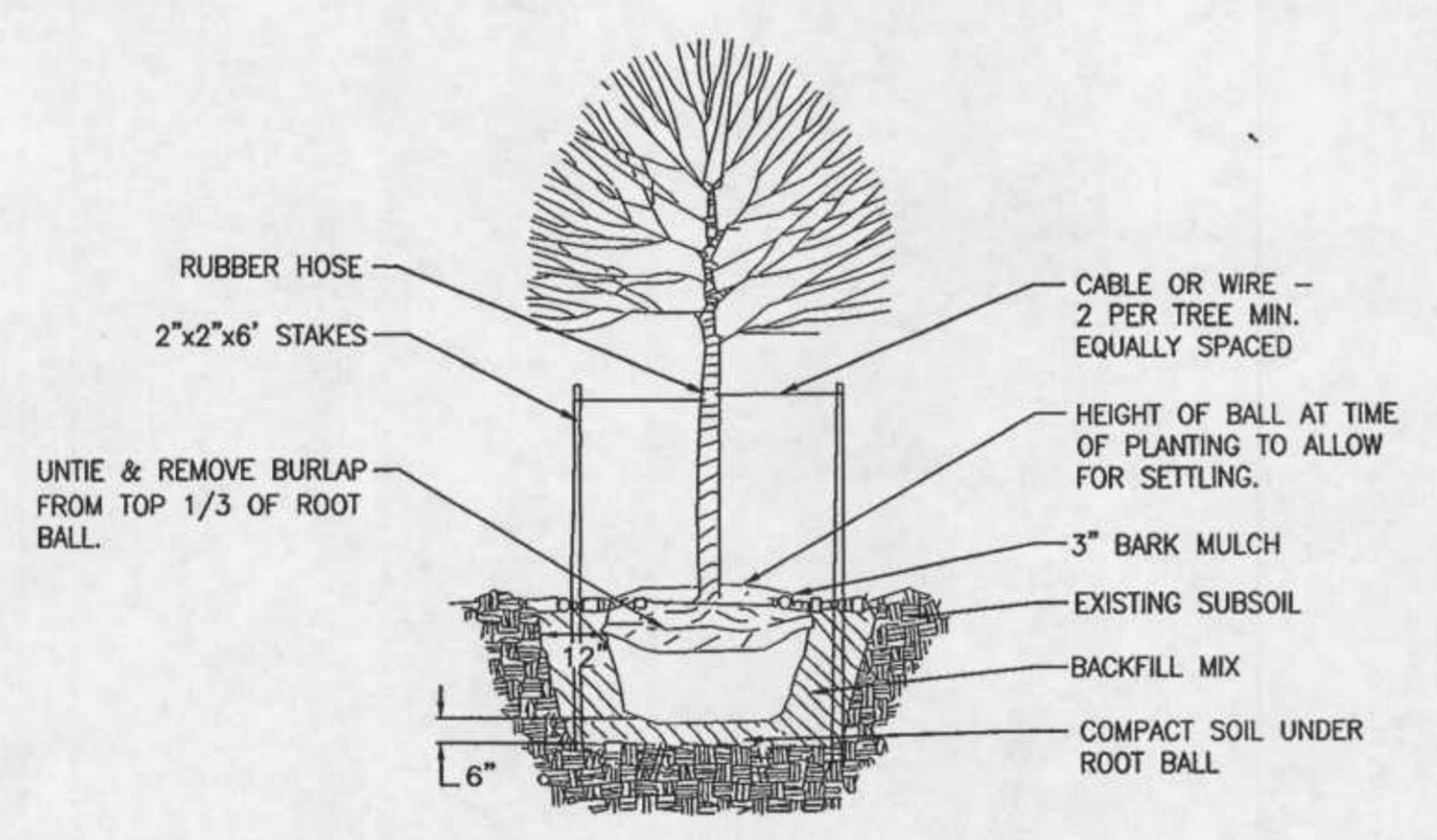
CLEANOUT FRAME AND COVER DETAIL
NO SCALE



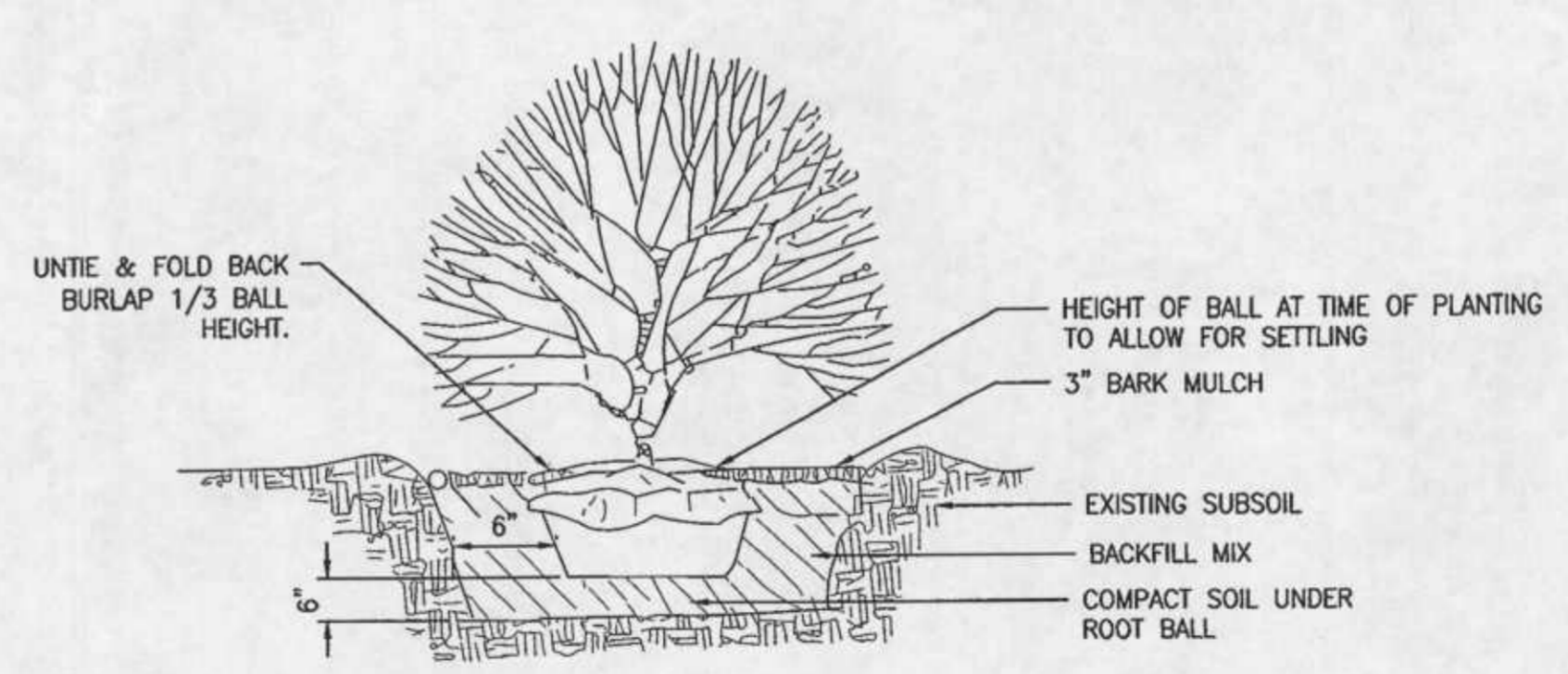
NOTES:

1. PROVIDE EXPANSION JOINTS AT INTERVALS NOT GREATER THAN 20 FEET.
2. WHEN JOINING NEW SIDEWALK WITH EXISTING SIDEWALK; MATCH EXISTING SIDEWALK ELEVATION. PROVIDE 1/2" EXPANSION JOINT BETWEEN NEW AND EXISTING SIDEWALK.

CONCRETE SIDEWALK
NO SCALE



TREE PLANTING DETAIL
NO SCALE

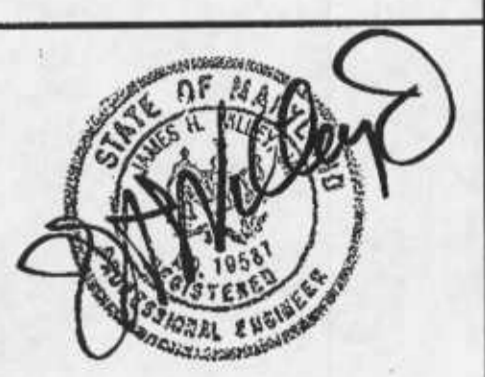


SHRUB PLANTING DETAIL
NOT TO SCALE

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UTILITY & SITE
DETAILS

SCALE	: AS NOTED
DESIGN BY	: NWH
DRAWN BY	: JCB
CHECKED BY	: AHP
GMB FILE	: 2006201.00
DATE	: JULY 2006

C1.3

PLOT CODE: PLOT-COM (24" X 36" (610mm X 914mm))
 PLOT-COM (24" X 36" (610mm X 914mm))
 PLOT-BLU (24" X 36" (610mm X 914mm))
 PLOT-BLU (24" X 36" (610mm X 914mm))
 PLOT-GRN (24" X 36" (610mm X 914mm))
 PLOT-GRN (24" X 36" (610mm X 914mm))
 PLOT-YEL (24" X 36" (610mm X 914mm))
 PLOT-YEL (24" X 36" (610mm X 914mm))
 PLOT-RED (24" X 36" (610mm X 914mm))
 PLOT-RED (24" X 36" (610mm X 914mm))

PERMANENT SEEDING NOTES:

- SEEDBED PREPARATION: LOOSEN UPPER 4 INCHES OF SOIL BY DISKING, RAKING, OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
- SOIL AMENDMENTS: APPLY 2 TONS PER ACRE (92 LBS/1000 SQ. FT.) OF DOLOMITIC LIMESTONE AND 440 LBS PER ACRE (10 LBS/1000 SQ. FT.) OF 10-20-20 FERTILIZER.
- SEEDING: FOR PERIODS OF AUGUST 15 THROUGH NOVEMBER 15 AND MARCH 1 THROUGH MAY 15 SEED WITH 150 LBS PER ACRE (5 LBS/1000 SQ. FT.) OF TALL FESCUE, PERENNIAL RYEGRASS, AND KENTUCKY BLUEGRASS MIX. FOR PERIODS OF NOVEMBER 15 THROUGH FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING.
- MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LB/1000 SQ. FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATIONS USING A SYNTHETIC BINDER SUCH AS ACRYLIC DLR (AGRI-TAC) DCA-70, PETROSET OR TERRA TACK AT RATES RECOMMENDED BY THE MANUFACTURER.
- MAINTENANCE: INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS, AND RESEEDINGS.

PERMANENT SEED MIXTURE FOR HARDINESS ZONE 7B (FROM TABLE 25)					FERTILIZER RATE (10-20-20)			LIME RATE
NO.	SPECIES	APPL. RATE (lbs/ac)	SEEDING DATES	SEEDING DEPTH	N	P205	K20	
3	TALL FESCUE (85%)	125	3/1 TO 5/15 8/15 TO 11/15	1/4 TO 1/2	90lb/ac 21b/1000sf	175lb/ac 41b/1000sf	175lb/ac 41b/1000sf	2 Tons/ac 100lb/1000sf
	PERENNIAL RYE GRASS (10%)	15	3/1 TO 5/15 8/15 TO 11/15	1/4 TO 1/2				
	KENTUCKY BLUEGRASS (5%)	10	3/1 TO 5/15 8/15 TO 11/15	1/4 TO 1/2				

TEMPORARY SEEDING NOTES:

- SEEDBED PREPARATION: LOOSEN UPPER 4 INCHES OF SOIL BY DICING, RAKING, OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
- SOIL AMENDMENTS: APPLY 2 TONS PER ACRE (92 LBS/1000 SQ. FT.) OF DOLOMITIC LIMESTONE AND 600 LBS PER ACRE (15 LBS/1000 SQ. FT.) OF 10-10-10 FERTILIZER.
- SEEDING: FOR PERIODS OF AUGUST 15 THROUGH NOVEMBER 30 AND FEBRUARY 1 THROUGH APRIL 30 SEED WITH 140 LBS/ACRE OF PERENNIAL RYE (1.0 LBS/1000 SQ. FT.). PERIODS OF NOVEMBER 1 THROUGH FEBRUARY 1, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING.
- MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LB/1000 SQ. FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATIONS USING A SYNTHETIC BINDER SUCH AS ACRYLIC DLR (AGRI-TAC) DCA-70, PETROSET OR TERRA TACK AT RATES RECOMMENDED BY THE MANUFACTURER.

TEMPORARY SEED MIXTURE FOR HARDINESS ZONE 7B (FROM TABLE 26)					FERTILIZER RATE (10-10-10)	LIME RATE
NO.	SPECIES	APPL. RATE (lbs/ac)	SEEDING DATES	SEEDING DEPTHS		
1	RYE	140	2/1 TO 4/30 8/15 TO 11/30	1 TO 2	600lbs/ac. 15lbs/ 1000sf	2 Tons/ac 100lb/1000sf

SEQUENCE OF CONSTRUCTION:

- THE CONTRACTOR SHALL CONTACT SOMERSET COUNTY DEPARTMENT OF PUBLIC WORKS (1-410-651-1424) TO SCHEDULE A PRE-CONSTRUCTION MEETING AT LEAST 48 HOURS PRIOR TO COMMENCING ANY SITE WORK, FAILURE TO DO SO MAY RESULT IN AN IMMEDIATE STOP WORK ORDER.
- THE CONTRACTOR SHALL NOTIFY SOMERSET SOILS CONSERVATION DISTRICT (1-410-651-1575) EXT. 3 PRIOR TO COMMENCING CLEARING OR GRADING.
- CONTACT MISS UTILITY (1-800-441-8355) AT LEAST 3 DAYS PRIOR TO CONSTRUCTION FOR UTILITY LOCATION.
- INSTALL STABILIZED CONSTRUCTION ENTRANCE.
- INSTALL PERIMETER CONTROLS (SILT FENCE).
- STRIP TOPSOIL AND STOCKPILE IN DESIGNATED AREA. STABILIZE WITH TEMPORARY STABILIZATION RATES.
- INSTALL UNDERGROUND UTILITIES & ROUGH GRADE SITE.
- PREPARE FOUNDATION & BEGIN BUILDING CONSTRUCTION.
- INSTALL SIDEWALK, FINALIZE BUILDING CONSTRUCTION, AND FINE GRADE SITE.
- STABILIZE ALL DISTURBED AREAS WITH PERMANENT SEEDING.
- REMOVE PERIMETER CONTROLS UPON APPROVAL FROM SOMERSET COUNTY SOILS CONSERVATION DISTRICT. ANY SEDIMENT REMOVED SHALL BE REMOVED IN AN APPROVED MANNER.

ESTIMATED CONSTRUCTION TIME: 3 MONTHS

SEDIMENT CONTROL NOTES

- THE CONTRACTOR SHALL NOTIFY THE MARYLAND DEPARTMENT OF ENVIRONMENT 1-410-631-3610 AT LEAST 2 WEEKS BEFORE COMMENCING ANY LAND DISTURBING ACTIVITY, AND UNLESS WAIVED BY THE ADMINISTRATION, SHALL BE REQUIRED TO HOLD A PRE-CONSTRUCTION MEETING BETWEEN PROJECT REPRESENTATIVES.
- THE CONTRACTOR MUST NOTIFY MDE IN WRITING AND BY TELEPHONE AT THE FOLLOWING POINTS:
 - THE REQUIRED PRE-CONSTRUCTION MEETING.
 - FOLLOWING INSTALLATION OF SEDIMENT CONTROL MEASURES.
 - DURING THE INSTALLATION OF SEDIMENT BASINS (TO BE CONVERTED INTO PERMANENT STORM WATER MANAGEMENT STRUCTURES) AT THE REQUIRED INSPECTION POINTS. NOTIFICATION PRIOR TO COMMENCING CONSTRUCTION OF EACH STEP IS MANDATORY.
 - PRIOR TO REMOVAL OR MODIFICATION OF ANY SEDIMENT CONTROL STRUCTURE(S).
 - PRIOR TO REMOVAL OF ALL SEDIMENT CONTROL DEVICES.
 - PRIOR TO FINAL ACCEPTANCE.
- THE CONTRACTOR SHALL CONSTRUCT ALL EROSION AND SEDIMENT CONTROL MEASURES PER THE APPROVED PLAN AND CONSTRUCTION SEQUENCE AND SHALL HAVE THEM INSPECTED AND APPROVED BY THE MDE INSPECTOR PRIOR TO BEGINNING ANOTHER LAND DISTURBANCE. MINOR SEDIMENT CONTROL DEVICE LOCATION ADJUSTMENTS MAY BE MADE IN THE FIELD WITH THE APPROVAL OF THE MDE INSPECTOR. THE CONTRACTOR SHALL ENSURE THAT ALL RUNOFF FROM DISTURBED AREAS IS DIRECTED TO THE SEDIMENT CONTROL DEVICES AND SHALL NOT REMOVE ANY EROSION OR SEDIMENT CONTROL MEASURE WITHOUT PRIOR PERMISSION FROM THE MDE INSPECTOR. THE CONTRACTOR MUST OBTAIN PRIOR AGENCY AND COUNTY SOIL CONSERVATION APPROVAL FOR CHANGES TO THE SEDIMENT CONTROL PLAN AND/OR SEQUENCE OF CONSTRUCTION.
- THE CONTRACTOR SHALL PROTECT ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS TO PREVENT THE DEPOSITION OF MATERIALS ONTO PUBLIC ROADS. ALL MATERIALS DEPOSITED ONTO PUBLIC ROADS SHALL BE REMOVED IMMEDIATELY.
- THE CONTRACTOR SHALL INSPECT DAILY AND MAINTAIN CONTINUOUSLY IN AN EFFECTIVE OPERATING CONDITION ALL EROSION AND SEDIMENT CONTROL MEASURES UNTIL SUCH TIMES AS THEY ARE REMOVED WITH PRIOR PERMISSION FROM THE INSPECTOR.
- THE CONTRACTOR SHALL APPLY SOD OR SEED AND ANCHORED STRAW MULCH, OR OTHER APPROVED STABILIZATION MEASURES TO ALL DISTURBED AREAS AND STOCKPILES WITHIN FOURTEEN (14) CALENDAR DAYS AFTER STRIPPING AND GRADING ACTIVITIES HAVE CEASED IN THE AREA. MAINTENANCE SHALL BE PERFORMED AS NECESSARY TO ENSURE CONTINUED STABILIZATION (REQUIREMENT MAY BE REDUCED TO SEVEN (7) DAYS FOR SENSITIVE AREAS.)
- PRIOR TO REMOVAL OF SEDIMENT CONTROL MEASURES, THE CONTRACTOR SHALL STABILIZE AND HAVE ESTABLISHED A PERMANENT STABILIZATION FOR ALL CONTRIBUTORY DISTURBED AREA USING SOD OR AN APPROVED PERMANENT SEED MIXTURE WITH REQUIRED SOIL AMENDMENTS AND AN APPROVED ANCHORED MULCH. WOOD FIBER MULCH MAY ONLY BE USED IN SEEDING SEASON WHERE THE SLOPE DOES NOT EXCEED 10% AND GRADING HAS BEEN DONE TO PROMOTE SHEET FLOW DRAINAGE. AREAS BROUGHT TO FINISHED GRADE DURING THE SEEDING SEASON SHALL BE PERMANENTLY STABILIZED AS SOON AS POSSIBLE, BUT NO LATER THAN FOURTEEN (14) CALENDAR DAYS AFTER ESTABLISHMENT. WHEN PROPERTY IS BROUGHT TO FINISHED GRADE DURING THE MONTHS OF NOVEMBER THROUGH FEBRUARY AND PERMANENT STABILIZATION IS FOUND TO BE IMPRACTICAL, TEMPORARY SEED AND ANCHORED STRAW MULCH SHALL BE APPLIED TO DISTURBED AREAS. THE FINAL PERMANENT STABILIZATION OF SUCH PROPERTY SHALL BE APPLIED BY MAY 15 OR EARLIER IF GROUND AND WEATHER CONDITIONS ALLOW.
- THE SITE'S APPROVAL LETTER, APPROVED EROSION AND SEDIMENT CONTROL PLANS, DAILY LOG BOOKS AND TEST REPORTS SHALL BE AVAILABLE AT THE SITE FOR INSPECTION BY DULY AUTHORIZED OFFICIALS.
- TEMPORARY SEDIMENT CONTROL DEVICES MAY BE REMOVED WITH PERMISSION OF THE INSPECTOR WITHIN THIRTY (30) CALENDAR DAYS FOLLOWING ESTABLISHMENT OF PERMANENT STABILIZATION IN ALL CONTRIBUTORY DRAINAGE AREAS. STORM WATER MANAGEMENT STRUCTURES USED TEMPORARILY FOR SEDIMENT CONTROL SHALL BE CONVERTED TO THE PERMANENT CONFIGURATION WITHIN THIS TIME PERIOD AS WELL.
- NO PERMANENT CUT OR FILL SLOPE WITH A GRADIENT STEEPER THAN 3:1 WILL BE PERMITTED IN LAWN MAINTENANCE AREAS. A SLOPE GRADIENT OF UP TO 2:1 WILL BE PERMITTED IN NON-MAINTENANCE AREAS PROVIDED THAT THOSE AREAS ARE INDICATED ON THE EROSION AND SEDIMENT CONTROL PLAN WITH A LOW MAINTENANCE GROUND COVER SPECIFIED FOR PERMANENT STABILIZATION. SLOPE GRADIENT STEEPER THAN 2:1 WILL NOT BE PERMITTED WITH VEGETATIVE STABILIZATION.
- FOR FINISHED GRADING, THE CONTRACTOR SHALL PROVIDE ADEQUATE GRADIENTS SO AS TO PREVENT WATER FROM STANDING ON THE SURFACE MORE THAN TWENTY FOUR (24) HOURS AFTER THE END OF A RAINFALL EXCEPT IN DESIGNATED DRAINAGE COURSES AND SWALE FLOW AREAS, WHICH MAY DRAIN AS LONG AS FORTY-EIGHT (48) HOURS AFTER THE END OF A RAINFALL. AREAS DESIGNED TO HAVE STANDING WATER SHALL NOT BE REQUIRED TO MEET THIS REQUIREMENT.
- THE MDE INSPECTOR HAS THE OPTION OF REQUIRING ADDITIONAL SAFETY OR SEDIMENT CONTROL MEASURES, IF DEEMED NECESSARY.
- VEGETATIVE STABILIZATION SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. REFER TO APPROPRIATE SPECIFICATIONS FOR TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, SODDING, AND GROUND COVERS.
- SEDIMENT CONTROL FOR UTILITY CONSTRUCTION FOR AREAS OUTSIDE OF DESIGNATED CONTROLS OR AS DIRECTED BY ENGINEER OR THE INSPECTOR.
 - CALL "MISS UTILITY" AT 1-800-257-7777, FORTY-EIGHT (48) HOURS PRIOR TO THE START OF THE WORK.
 - EXCAVATED TRENCH MATERIAL SHALL BE PLACED ON THE HIGH SIDE OF THE TRENCH.
 - TRENCHES FOR UTILITY INSTALLATION SHALL BE BACKFILLED, COMPACTED AND STABILIZED AT THE END OF EACH WORKING DAY. NO MORE TRENCH SHALL BE OPENED THAN CAN BE COMPLETED THE DAY.
 - TEMPORARY SILT FENCE SHALL BE PLACED IMMEDIATELY DOWNSTREAM OF ANY DISTURBED AREA INTENDED TO REMAIN DISTURBED FOR MORE THAN ONE DAY.
- OFF-SITE SPOIL OR BORROW AREAS ON STATE OR FEDERAL PROPERTY MUST HAVE PRIOR APPROVAL BY COUNTY SOIL CONSERVATION AND OTHER APPROVAL MUST BE GRANTED BY THE LOCAL AUTHORITIES. ALL WASTE AND BORROW AREAS OFF-SITE MUST BE PROTECTED BY SEDIMENT CONTROL MEASURES AND STABILIZED.
- FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE DETAILS OF TEMPORARY OR PERMANENT STABILIZATION SHALL BE COMPLETED WITHIN SEVEN CALENDAR DAYS ON ALL SURFACES OF PERIMETER CONTROLS; DIKES, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1). WITHIN FOURTEEN DAYS FOLLOWING FINAL GRADING, ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT WILL BE PERMANENTLY STABILIZED BY SEEDING OR MULCH. IF CONSTRUCTION IS TEMPORARILY STOPPED ON A PROJECT SITE FOR MORE THAN FOURTEEN DAYS, ALL DISTURBED AND GRADED AREAS WILL BE STABILIZED. THE REQUIREMENTS OF THIS SUB-PARAGRAPH DO NOT APPLY TO THOSE AREAS WHICH ARE SHOWN ON THE PLAN AND ARE CURRENTLY BEING USED FOR MATERIAL STORAGE, OR FOR THOSE AREAS ON WHICH ACTUAL CONSTRUCTION ACTIVITIES ARE CURRENTLY BEING PERFORMED OR TO INTERIOR AREAS OF A SURFACE MINE SITE WHERE STABILIZATION MATERIAL WOULD CONTAMINATE THE RECOVERABLE RESOURCE. MAINTENANCE SHALL BE PERFORMED AS NECESSARY TO ENSURE THE STABILIZATION AREAS CONTINUOUSLY MEET THE APPROPRIATE REQUIREMENTS OF THE "1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL."
- CONTRACTOR SHALL INSTALL SOIL EROSION AND SEDIMENT CONTROL DEVICES PRIOR TO ANY GRADING. FOLLOWING INITIAL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN SEVEN (7) CALENDAR DAYS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES GREATER THAN THREE (3) HORIZONTAL TO ONE (1) VERTICAL 3:1 AND FOURTEEN (14) DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- ALL TEMPORARY AND EROSION AND SEDIMENT CONTROL DEVICES ARE TO BE PROVIDED AS INDICATED ON THIS PLAN, WITH LOCATION ADJUSTMENTS TO BE MADE IN THE FIELD AS NECESSARY, AND TO BE MAINTAINED AT THE END OF EACH WORKING DAY UNTIL PROJECT COMPLETION. THE MINIMUM AREA RATIONAL SHALL BE DISTURBED FOR THE MINIMAL AMOUNT OF TIME POSSIBLE.
- CLEARING AND GRUBBING SHALL INCLUDE ALL TREES, BRUSH, DEBRIS, ROOT MAT AND ORGANIC MATERIALS TO BE REMOVED
- ANY SPOIL OR BORROW WILL BE PLACED AT A SITE APPROVED BY THE SOIL CONSERVATION DISTRICT.
- A PUMPED SILT CONTROL SYSTEM SHALL BE USED TO REMOVE SEDIMENT FROM WASTEWATER RESULTING FROM DEWATERING OPERATIONS. ALL SEDIMENTS SHALL BE DISPOSED OF IN AN APPROVED MANNER.
- TO PREVENT OR REDUCE THE MOVEMENT OF DUST FROM DISTURBED SOIL SURFACES, THE CONTRACTOR SHALL ADHERE TO DUST CONTROL NOTES AS REQUIRED.
- ALL AREAS REMAINING OR INTENDED TO REMAIN DISTURBED FOR LONGER THAN FOURTEEN (14) DAYS SHALL BE STABILIZED IN ACCORDANCE WITH THE USDA, NATURAL RESOURCES CONSERVATION SERVICE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS FOR CRITICAL AREA STABILIZATION.
- IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR OR SUBCONTRACTOR TO NOTIFY THE ENGINEER OF ANY DEVIATION FROM THIS PLAN. ANY CHANGE MADE IN THIS PLAN WITHOUT WRITTEN AUTHORIZATION FROM THE ENGINEER WILL PLACE RESPONSIBILITY OF SAID CHANGE ON THE CONTRACTOR OR SUBCONTRACTOR.
- THE DEVELOPER SHALL REQUEST THAT THE INSPECTION AGENCY APPROVE WORK COMPLETED AT THE STAGES OF CONSTRUCTION SPECIFIED IN ACCORDANCE WITH THE APPROVED EROSION AND SEDIMENT CONTROL PLAN, THE GRADING OR BUILDING PERMIT.

DUST CONTROL NOTES

DEFINITION
CONTROLLING DUST BLOWING AND MOVEMENT ON CONSTRUCTION SITES AND ROADS.

PURPOSE
TO PREVENT BLOWING AND MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES, REDUCE ON AND OFF-SITE DAMAGE, HEALTH HAZARDS, AND IMPROVE TRAFFIC SAFETY.

CONDITIONS WHERE PRACTICE APPLIES
THIS PRACTICE IS APPLICABLE TO AREAS SUBJECT TO DUST BLOWING AND MOVEMENT WHERE ON AND OFF-SITE DAMAGE IS LIKELY WITHOUT TREATMENT.

SPECIFICATIONS

- TEMPORARY METHODS
- MULCHES - SEE STANDARDS FOR VEGETATIVE STABILIZATION WITH MULCHES ONLY. MULCH SHOULD BE CRIMPED OR TACKED TO PREVENT BLOWING.
 - VEGETATIVE COVER - SEE STANDARDS FOR TEMPORARY VEGETATIVE COVER.
 - TILLAGE - TO ROUGHEN SURFACE AND BRING CLODS TO THE SURFACE. THIS IS AN EMERGENCY MEASURE WHICH SHOULD BE USED BEFORE SOIL BLOWING STARTS. BEGIN PLOWING ON WINDWARD SIDE OF SITE. CHISEL-TYPE PLOWS SPACED ABOUT 12" APART, SPRING-TOOTHED HARROWS, AND SIMILAR PLOWS ARE EXAMPLES OF EQUIPMENT WHICH MAY PRODUCE THE DESIRED EFFECT.
 - IRRIGATION - THIS IS GENERALLY DONE AS AN EMERGENCY TREATMENT. SITE IS SPRINKLED WITH WATER UNTIL THE SURFACE IS MOIST. REPEAT AS NEEDED. AT NO TIME SHOULD THE SITE BE IRRIGATED TO THE POINT THAT RUNOFF BEGINS TO FLOW.
 - BARRIERS - SOLID BOARD FENCES, SILT FENCES, SNOW FENCES, BURLAP FENCES, STRAW BALES, AND SIMILAR MATERIAL CAN BE USED TO CONTROL AIR CURRENTS AND SOIL BLOWING. BARRIERS PLACED AT RIGHT ANGLES TO PREVAILING CURRENTS AT INTERVALS OF ABOUT 10 TIMES THEIR HEIGHT ARE EFFECTIVE IN CONTROLLING SOIL BLOWING.
 - CALCIUM CHLORIDE - APPLY AT RATES THAT WILL KEEP SURFACE MOIST. MAY NEED RETREATMENT.

PERMANENT METHODS

- PERMANENT VEGETATION - SEE STANDARDS FOR PERMANENT VEGETATIVE COVER, AND PERMANENT STABILIZATION WITH SOD. EXISTING TREES OR LARGE SHRUBS MAY AFFORD VALUABLE PROTECTION IF LEFT IN PLACE.
 - TOPSOILING - COVERING WITH LESS EROSION SOIL MATERIALS. SEE STANDARDS FOR TOPSOILING.
 - STONE - COVER SURFACE WITH CRUSHED STONE OR COARSE GRAVEL.
- REFERENCES
- AGRICULTURE HANDBOOK 346. WIND EROSION FORCES IN THE UNITED STATES AND THEIR USE IN PREDICTING SOIL LOSS.
 - AGRICULTURE INFORMATION BULLETIN 354. HOW TO CONTROL WIND EROSION, USDA-ARS.

SITE DATA

COUNTY SITE PLAN NO. SP-05-147

SITE ADDRESS: EASTERN CORRECTIONAL INSTITUTION
WORK RELEASE CENTER
30474 REVELLS NECK ROAD
WESTOVER, MD 21871

SITE AREA: 6.16 AC. OR 268329.60 SF

CURRENT ZONING: "AR" AGRICULTURAL/RESIDENTIAL

USE: INSTITUTIONAL [WORK RELEASE CENTER]

BUILDING AREA: 5,640 SF

BUILDING HEIGHT: +/- 13.5'

TAX MAP: 32

PARCEL: 204

GRID: 5

ELECTION DISTRICT: WESTOVER (#13)

ASSESSMENT AREA: 1

VOLUME OF FILL: 90 CY

FLOOD ZONE: "C" PER FIRM MAP COMMUNITY PANEL #
240061 0175 A PANEL 175 OF 450
EFFECTIVE DATE JUNE 15, 1981

SOILS TYPE: "0ha" OTHELLO SILT LOAM 0-2% SLOPES

LIMIT OF DISTURBANCE: 0.965 AC. OR 42,054.64 SF

OWNER/DEVELOPER CERTIFICATION

THE UNDERSIGNED, CERTIFY THAT 1. ANY CLEARING, GRADING, CONSTRUCTION OR DEVELOPEMENT, OR ALL OF THESE, WILL BE DONE PURSUANT TO THIS PLAN AND 2. THAT RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION WILL HAVE A CERTIFICATE OF TRAINING AT A DEPARTMENT OF ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT AND 3. THE DEVELOPER WILL PROVIDE THE DISTRICT ONE COPY OF A RED LINE AS-BUILT DRAWING OF EACH FACILITY REQUIRING A STATE POND PERMIT.

THE SOMERSET SOIL CONSERVATION DISTRICT APPROVES THIS PLAN FOR EROSION AND SEDIMENT CONTROL.

L. O'Flynn Sept. 6, 2006

The Somerset Soil Conservation District does not relieve the Applicant of the continuing responsibility to effectively abate sediment pollution and comply with all other applicable local and state laws.

As Amended Updated Plan L. O'Flynn

THE SOMERSET SOIL CONSERVATION DISTRICT APPROVES THIS PLAN FOR EROSION AND SEDIMENT CONTROL.

L. O'Flynn June 11, 2008

James Lee Henderson
NAME

30474 Revels Neck Rd. Westover, Md. 21871
ADDRESS

410-651-9223-9224
PHONE NO.

DESIGN / DEVELOPMENT PLANS
PRINTS ISSUED FOR:
REVIEW

DATE	REVISIONS	NO.



SOMERSET DETENTION CENTER -
NEW WORK RELEASE FACILITY

SOMERSET COUNTY, MARYLAND

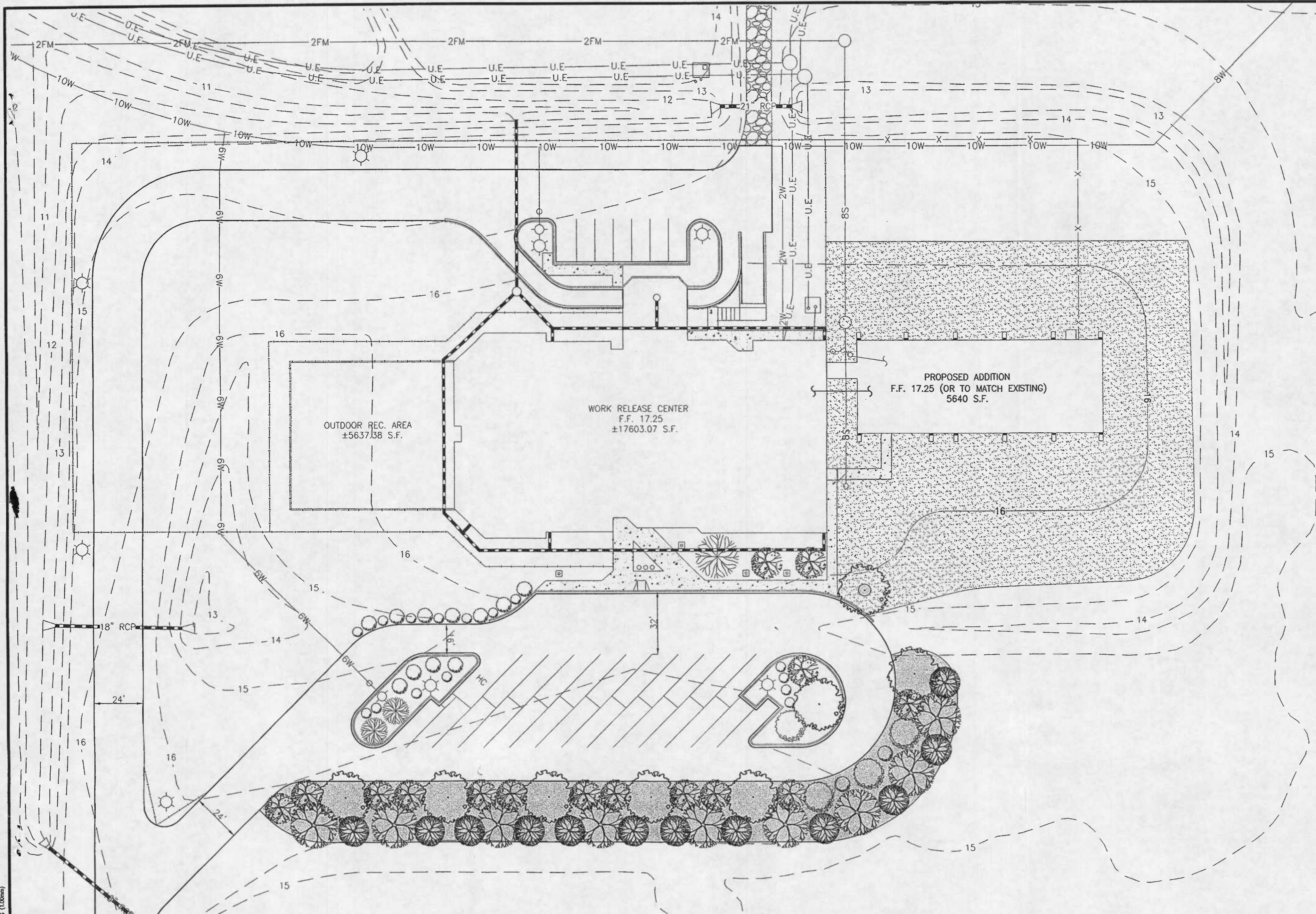


E&S
NOTES

SCALE	: NONE
DESIGN BY	: NWH
DRAWN BY	: JCB
CHECKED BY	: AHP
CMB FILE	: 2006201.00
DATE	: JULY 2006

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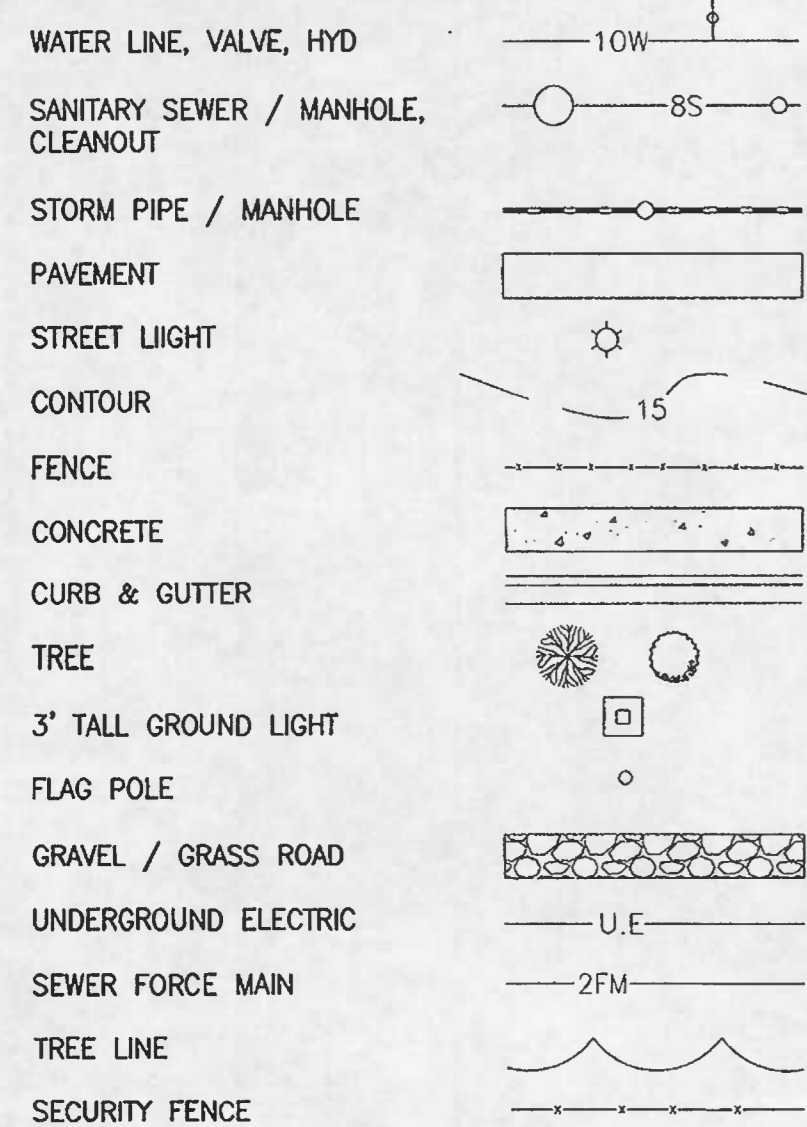
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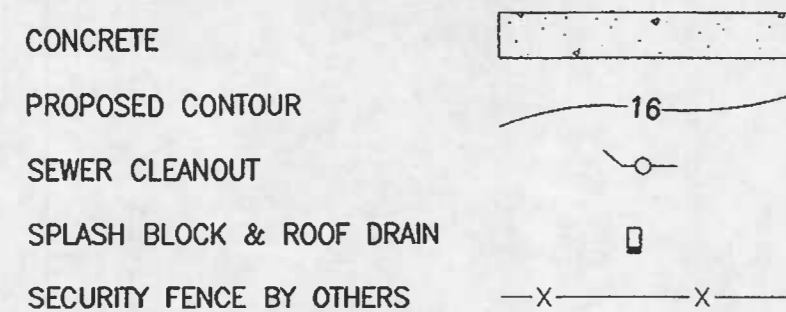
GENERAL NOTES:

- PLANTS SHALL CONFORM TO CURRENT "AMERICAN STANDARDS FOR NURSERY STOCK" BY AMERICAN ASSOCIATION OF NURSEYMEN (AAN), PARTICULARLY WITH REGARDS TO SITE, GROWTH AND SIZE OF BALL AND DENSITY OF BRANCH STRUCTURE.
- CONTRACTOR IS TO ENSURE CONFORMANCE TO NATIONAL AND LOCAL BUILDING CODES AND ORDINANCES.
- ALL PLANTS (B&B OR CONTAINER) SHALL BE PROPERLY IDENTIFIED BY WEATHERPROOF LABELS SECURELY ATTACHED HERETO BEFORE DELIVERY TO THE PROJECT SITE. LABELS SHALL IDENTIFY PLANTS BY NAME, SPECIES, AND SIZE. LABELS SHALL NOT BE REMOVED UNTIL THE FINAL INSPECTION BY THE OWNER'S REPRESENTATIVE.
- ANY MATERIAL AND/OR WORK MAY BE REJECTED BY THE OWNER'S REPRESENTATIVE IF IT DOES NOT MEET THE REQUIREMENTS OF THE SPECIFICATIONS. THE CONTRACTOR SHALL REMOVE ALL REJECTED MATERIAL FROM THE SITE.
- THE CONTRACTOR SHALL FURNISH ALL PLANTS IN QUANTITIES AND SIZES TO COMPLETE THE WORK AS SPECIFIED IN THE PLANT SCHEDULE. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL PLANT QUANTITIES ON THE PLANS PRIOR TO THE COMMENCEMENT OF WORK. QUANTITIES IN THE PLANT SCHEDULE ARE FOR THE CONTRACTOR'S CONVENIENCE ONLY AND DO NOT CONSTITUTE THE FINAL COUNT.
- SUBSTITUTION IN PLANT SPECIES OR SIZE SHALL NOT BE PERMITTED EXCEPT WITH THE WRITTEN APPROVAL OF THE OWNER OR THE OWNER'S REPRESENTATIVE AND AN APPROVAL FROM SOMMERSET COUNTY TECHNICAL AND COMMUNITY SERVICES DEPARTMENT.
- PLANTS SHALL BE LOCATED AS SHOWN ON THE DRAWINGS AND BY SCALING OR AS DESIGNED IN THE FIELD BY THE OWNER OR THE OWNER'S REPRESENTATIVE. ALL LOCATIONS ARE TO BE APPROVED BY THE OWNER OR THE OWNER'S REPRESENTATIVE BEFORE EXCAVATION.
- CONTRACTOR SHALL LOCATE AND MARK ALL UNDERGROUND UTILITY LINES AND IRRIGATION SYSTEMS PRIOR TO EXCAVATING PLANT BEDS OR PITS. ALL UTILITY EASEMENT AREAS WHERE NO PLANTING SHALL TAKE PLACE SHALL ALSO BE MARKED ON THE SITE PRIOR TO LOCATING AND DIGGING THE TREE PITS. IF UTILITY LINES ARE ENCOUNTERED IN EXCAVATION OF TREE PITS OTHER LOCATIONS FOR THE TREES SHALL BE SELECTED BY THE OWNER OR THE OWNER'S REPRESENTATIVE. SUCH CHANGE SHALL BE MADE BY THE CONTRACTOR WITHOUT ADDITIONAL COMPENSATION. NO CHANGES OF LOCATION SHALL BE MADE WITHOUT THE APPROVAL OF THE OWNER OR THE OWNER'S REPRESENTATIVE.
- ALL EQUIPMENT AND TOOLS SHALL BE PLACED SO AS NOT TO INTERFERE OR HINDER THE PEDESTRIAN AND VEHICULAR TRAFFIC FLOW.
- DURING PLANTING OPERATIONS, EXCESS AND WASTE MATERIALS SHALL BE PROMPTLY AND FREQUENTLY REMOVED FROM THIS SITE.
- ALL PLANT SHRUB BEDS ARE TO BE DUG TO A MINIMUM OF 18" DEEP AND ALL EXISTING SOIL, CONSTRUCTION DEBRIS, ROOT AND OTHER FOREIGN MATERIALS ARE TO BE REMOVED AND DISCARDED OFF SITE. ALL PLANT SHRUB BEDS ARE TO BE EXCAVATED TO THE WIDTH SHOWN ON THE PLANS.
- ALL TREE PITS ARE TO BE EXCAVATED TO A MINIMUM DEPTH TO ALLOW THE TREE ROOT BALL TO BE A MINIMUM OF 4" HIGHER THAN FINISHED GRADE. THE TREE ROOT BALL IS TO REST ON UNDISTURBED SOIL, OR A COMPACTED BED MUST BE PREPARED FOR THE TREE ROOT BALL TO REST ON AND WHICH WILL NOT SUBSIDE CAUSING THE TREE TO SINK BELOW FINISHED GRADE. ALL TREE PITS ARE TO BE A MINIMUM OF 12" LARGER ON EVERY SIDE OF THE TREE ROOT BALL.
- THE PLANTER BEDS ARE TO BE ENTIRELY CLEANED OUT TO THE UNDISTURBED SOIL LEVEL. ALL EXISTING SOIL, CONSTRUCTION DEBRIS, ROOTS AND OTHER FOREIGN MATERIAL ARE TO BE REMOVED AND DISCARDED OFF SITE.
- THE TOP SOIL TO BE USED TO FILL THE TREE PITS, SHRUB BEDS AND PLANTERS IS TO BE PLANT SPECIFIC. THE TOPSOIL FOR TREES, SHRUBS AND PLANTERS SHALL CONSIST OF A MAXIMUM OF 2/3 EXISTING TOPSOIL FROM THE SITE, WHICH IS CLEANED AND FREE OF CLAY, A MINIMUM OF 1/3 PEAT MOSS, OR OTHER APPROVED ORGANIC MATERIALS OR IMPORTED NEW LOAMY TOPSOIL AND 10% COW MANURE. ALL OF THESE MATERIALS ARE TO BE MIXED PRIOR TO PLACING IN THE PLANTER OR BACKFILLING WHEN PLANTING.
- THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT ALL TREE PITS, SHRUB BEDS AND PLANTERS ARE WELL DRAINED. THE LANDSCAPE CONTRACTOR WILL REPLACE ALL PLANT MATERIAL WHICH IS AFFECTED BY POOR DRAINAGE, AT NO CHARGE TO THE OWNER.
- ALL LAWN AREAS ARE TO BE SEEDED WITH GRASS APPROPRIATE FOR EACH OF THE SUNLIGHT CONDITIONS, WHICH EXIST ON SITE.
- ALL LAWN AREAS ARE TO BE TILLED TO A DEPTH OF 6" AND ALL FOREIGN MATERIAL REMOVED WHICH WILL INHIBIT THE HEALTHY GROWTH OF THE LAWN. ALL OLD GRASS AND GRASS ROOTS ARE TO BE REMOVED FROM THE SITE. NEW TOPSOIL OF A MINIMUM 4" IS TO BE PLACED OVER THE AREA TO BE SODDED. THE GRASS AREAS ARE TO BE FINE GRADED TO ENSURE THAT NO UNDULATIONS OCCUR IN THE LAWN. THE LAWNS ARE TO BE GRADED IN SUCH A WAY AS TO APPEAR PERFECTLY WELL TAILORED AND EVEN. THE LAWN TOPSOIL IS TO BE ROLLED AND LIGHTLY IRRIGATED PRIOR TO PLACING THE SOD. THE SOD IS NOT TO BE LAID ON FROZEN OR SOAKED SOIL.
- THE EXISTING TREES/SHRUBS ARE TO BE PROTECTED DURING THE PREPARATION OF LAWN AREAS. THE ROOTS OF THE TREES ARE TO BE UNDISTURBED DURING THE CLEANING OF THE TOPSOIL.
- THE TREES AND SHRUBS ARE TO BE HANDLED WITH THE BEST CARE AND ATTENTION TO ENSURE THAT THE PLANTS ARE NOT BRUISED, BROKEN, TORN, DAMAGED IN ANY WAY WHICH WILL AFFECT THE PLANTS GENERAL APPEARANCE AND WELL BEING.
- THE TREES MUST BE STAKED IN ACCORDANCE WITH ACCEPTABLE NURSERY PRACTICES TO ENSURE THAT THEY ARE SECURE IN THE GROUND AND WILL GROW STRAIGHT AND UNIFORM. THE TREES ARE TO BE WRAPPED IF THE CONTRACTOR DEEMS IT NECESSARY TO PROTECT THE TREES FROM SUN SCALD OR INSECT ATTACK.
- THE LANDSCAPE CONTRACTOR IS TO PROVIDE A ONE YEAR WARRANTY FOR ALL PLANT MATERIAL AND OTHER WORK DONE ON SITE. THIS WARRANTY WILL BEGIN AT EITHER SUBSTANTIAL COMPLETION OR AT FINAL ACCEPTANCE AS DETERMINED BY THE OWNER.
- LARGE GROWING PLANTS ARE NOT TO BE PLANTED IN FRONT OF WINDOWS, UNDER BUILDING OVERHANGS, OR IN DRAINAGE SWALES. SHRUBS PLANTED NEAR H.V.A.C. UNITS TO BE LOCATED SO THAT SHRUBS AT MATURITY WILL MAINTAIN 1' AIR SPACE BETWEEN THE UNIT AND THE PLANT.
- THE CONTRACTOR IS TO SLIGHTLY ADJUST PLANT LOCATIONS IN THE FIELD AS NECESSARY TO BE CLEAR OF DRAINAGE SWALES AND UTILITIES. FINISHED PLANTING BEDS SHALL BE GRADED SO AS NOT TO IMPEDE DRAINAGE AWAY FROM BUILDINGS.
- GROUPS OF SHRUBS SHALL BE PLACED IN A CONTINUOUS RAISED MULCH BED WITH SMOOTH CONTINUOUS LINES. ALL MULCH BED EDGES SHALL BE CURVILINEAR IN SHAPE FOLLOWING THE CONTOUR OF THE PLANT MASS. TREES LOCATED WITHIN 4' OF SHRUB BEDS SHALL SHARE SAME MULCH BED.

EXISTING LEGEND

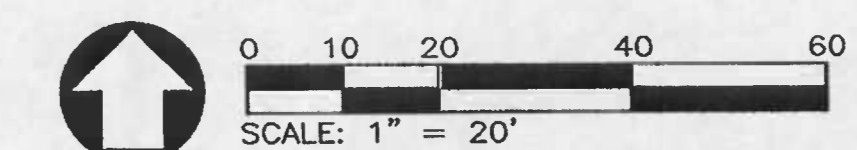


PROPOSED LEGEND



PLANTING LEGEND:

QTY.	COMMON NAME	BOTANICAL NAME	SIZE	ROOT	CREDIT POINTS	TOTAL POINTS
8	WILLOW OAK	QUERCUS PHELLOS	2" CAL.	CONT.	200 SF EA.	1,600
9	RIVER BIRCH	BETULA NIGRA	6-8' HT.	CONT.	200 SF EA.	1,800
12	SERVICEBERRY	AMELANCHIER ARBOREA	4-6' HT.	CONT.	100 SF EA.	1,200
15	FRINGE TREE	CHIONANTHUS VIRGINICUS	4-6' HT.	CONT.	100 SF EA.	1,500
23,527 SF	SEED	TURF-TYPE TALL FESCUE				6,100
11,150 SF	HARWOOD MULCH	3" DEEP THROUGHOUT PLANTING BED				



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SOMERSET DETENTION CENTER -
NEW WORK RELEASE FACILITY

SOMERSET COUNTY, MARYLAND



PLANTING PLAN

SCALE : 1" = 30'	L1.1
DESIGN BY : NWH	
DRAWN BY : JCB	
CHECKED BY: AHP	
GMB FILE : 2006201.00	
DATE : JULY 2006	