



CERTIFICATE OF AUTHENTICITY

THIS IS TO CERTIFY THAT THE FOLLOWING ELECTRONIC RECORDS ARE TRUE AND ACCURATE REPRODUCTIONS OF THE ORIGINAL RECORDS OF JAMES CITY COUNTY GENERAL SERVICES DEPARTMENT- STORMWATER DIVISION; WERE SCANNED IN THE REGULAR COURSE OF BUSINESS PURSUANT TO GUIDELINES ESTABLISHED BY THE LIBRARY OF VIRGINIA AND ARCHIVES; AND HAVE BEEN VERIFIED IN THE CUSTODY OF THE INDIVIDUAL LISTED BELOW.

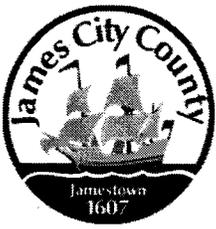
BMP NUMBER: DC002

DATE VERIFIED: May 22, 2012

QUALITY ASSURANCE TECHNICIAN: Leah Hardenbergh

Leah Hardenbergh

LOCATION: WILLIAMSBURG, VIRGINIA



Stormwater Division

MEMORANDUM

DATE: March 10, 2010
TO: Michael J. Gillis, Virginia Correctional Enterprises Document Management Services
FROM: Jo Anna Ripley, Stormwater
PO: 270712
RE: Files Approved for Scanning

General File ID or BMP ID: DC002

PIN: 1110100008

Subdivision, Tract, Business or Owner

Name (if known):

DWM Properties

Property Description:

Automobile Salvage Yard

Site Address:

8952 Richmond Road

(For internal use only)

Box 10

Drawer: 6

Agreements: (in file as of scan date) N

Book or Doc#:

Page:

Comments

Note: This is the closet BMP to the Christ Community Church

DC-002

Contents for Stormwater Management Facilities As-built Files

Each file is to contain:

1. As-built plan
2. Completed construction certification
- ③. Construction Plan
4. Design Calculations
5. Watershed Map
6. Maintenance Agreement
7. Correspondence with owners
8. Inspection Records
9. Enforcement Actions

IMPORTANT MESSAGE

J.L. BISHOP
CONTRACTOR INC

BILL KELLER
DIVISION MANAGER

- HEATING OIL TANKS
- GREASE TRAPS/SEPTIC TANKS
- INSPECTIONS & SAMPLING
- PUMPING
- ROLLOFF CONTAINERS

OFFICE 804.379.5236
MOBIL: 804.513.1630
FAX 804.379.5278

700 GROVE ROAD • MIDLOTHIAN, VIRGINIA 23114
bill@jlbishopcontractor.com

CAME TO SEE YOU	WILL CALL AGAIN
WANTS TO SEE YOU	RUSH

J.L. BISHOP
CONTRACTOR INC

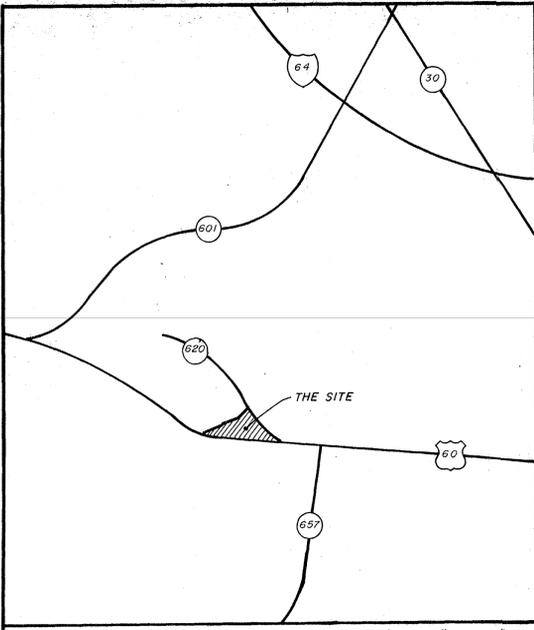
DICK NANCE

- HEATING OIL TANKS
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www.jlbishopcontractor.com

*Tomoo Churchhof Chest
This is the Bmp.
Closest to the
Church*



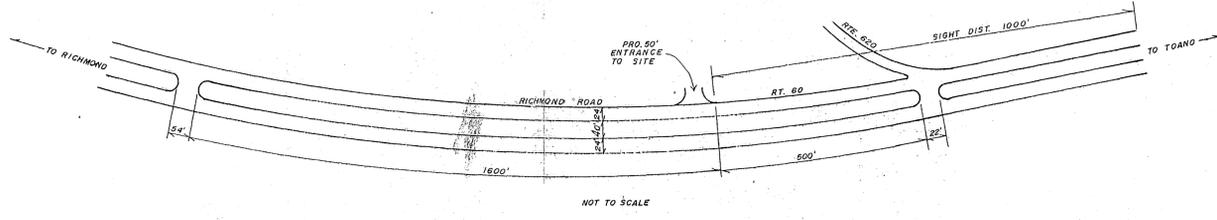
VICINITY MAP SCALE: 1" = 2000'

COVER SHEET

JOHN'S USED AUTO PARTS
 AU MOBILE GRAVEYARD
 8952 RICHMOND ROAD
 TOANO, VIRGINIA

BMP # 121

JOHN'S USED AUTO PARTS



JOHN'S USED AUTO PARTS

T. J. SAVAGE, JR.

LAND SURVEYOR AND LAND PLANNER

1900 E. PEMBROKE AVENUE
 HAMPTON, VIRGINIA 23663
 (804) 723-1284

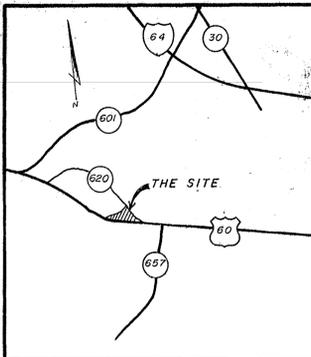
INDEX OF DRAWINGS:

- SHEET 1 of 3 _____ COVER SHEET
- SHEET 2 of 3 _____ SITE PLAN, DETAILS, NOTES
- SHEET 3 of 3 _____ EROSION AND SEDIMENT NOTES, SILT FENCE DETAIL, MISC. DETAILS



CITY OF JAMES CITY	
FINAL SITE PLAN	
APPROVALS	DATE
File Dept. <i>[Signature]</i>	5/15/91
Health Dept. <i>[Signature]</i>	7/2/91
Highway Dept. <i>[Signature]</i>	6/26/91
Plan. Comm. <i>[Signature]</i>	7/1/91
Pub. Works Dept. <i>[Signature]</i>	7/1/91
Zoning Adm. <i>[Signature]</i>	7/3/91
City Manager <i>[Signature]</i>	7/1/91
City Council	

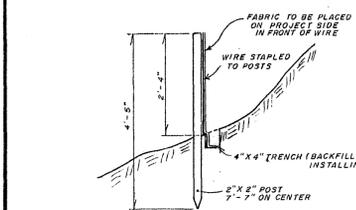
SP-48-91



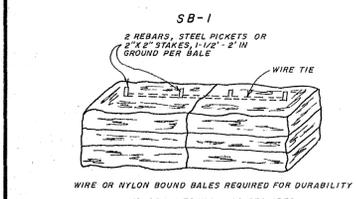
- SPECIAL NOTES:**
- OWNER: WENDELL SPARRER
P.O. BOX 1125
GRAFTON, VA. 23692
 - PRESENT ZONING A-1 BY SPECIAL USE PERMIT APPROVAL FOR SALVAGE YARD.
 - THIS PROPERTY IS LOCATED IN A CHESAPEAKE BAY PRESERVATION AREA DESIGNATED AS RMA-U.
 - RETENTION POND MAINTENANCE: POND TO BE INSPECTED ANNUALLY. (DURING WET WEATHER) INSPECTIONS SHOULD EMPHASIZE THE CONDITION OF THE EXTENDED DETENTION CONTROL DEVICE AND ALL EARTH SWALES AND CHECK-DAMS SHOULD BE CHECKED AND MAINTAINED AS NECESSARY. SEDIMENT IN THE POND AND SWALES TO BE REMOVED AS REQUIRED AT TIME OF INSPECTION.
 - ALL REQUIRED PLANTINGS SHALL CONFORM WITH THE MOST RECENT EDITION OF "THE AMERICAN STANDARD FOR NURSERY STOCK" PUBLISHED BY THE AMERICAN ASSOC. OF NURSERYMEN AND SHALL BE PLANTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF "GUIDELINES FOR PLANTING LANDSCAPE TREES AND PLANTING AND CARE OF TREES AND SHRUBS" PUBLISHED BY THE VIRGINIA COOPERATIVE EXTENSION SERVICE.

VICINITY MAP SCALE: 1" = 400'

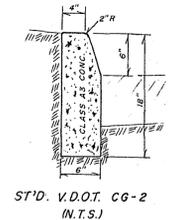
COMMON NAME	SIZE	QTY
CRAPE MYRTLES	2 1/2" - 6"	6
DWARF BRADFORD HOLLY	18" - 24"	28
WAX MYRTLES	3 GAL.	83



TYP. SILT FENCE (SHOWN THUS) (N.T.S.)
(AS SHOWN ON PLATE 1.06C OF THE VA. EROSION CONTROL HANDBOOK) SEE SHEET 3 FOR MORE DETAIL



STRAW BALE SEDIMENT TRAP FOR EARTH SWALE E.C. (N.T.S.)

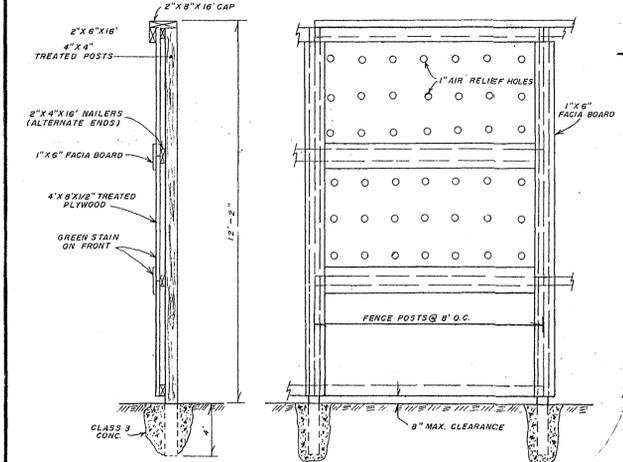


ST'D. V.D.O.T. CG-2 (N.T.S.)

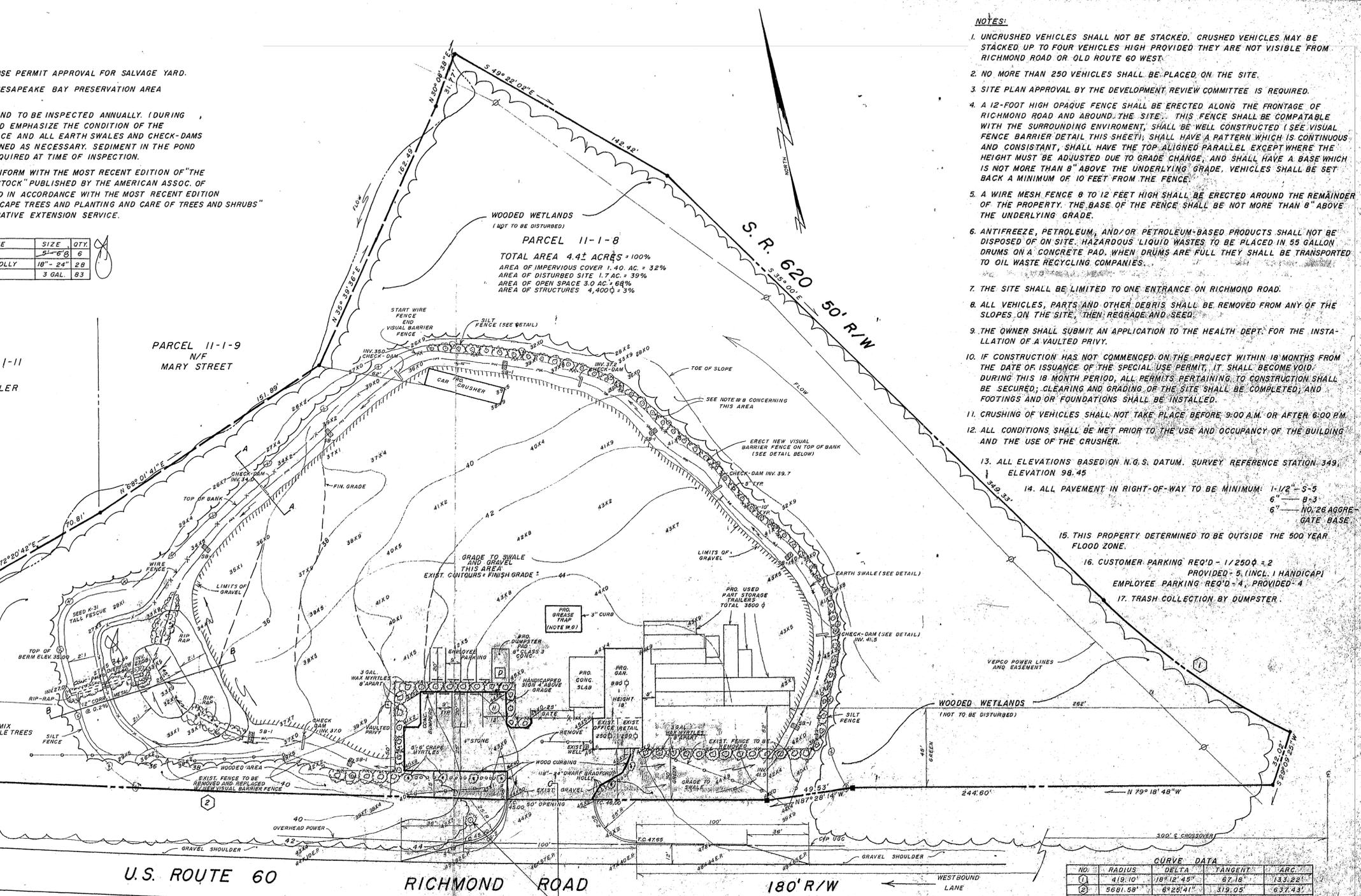
PARCEL 11-1-12 N/F EDITH E. GRAVES

WOODED WETLANDS (NOT TO BE DISTURBED)
NOTE: ALL WOODED AREAS CONTAIN A MIX OF 6" - 18" OAK, GUM, PINE & MAPLE TREES

NOTE: ALL LUMBER TO BE PRESSURE CCA TREATED.
ALL 4" X 4" POSTS TO 25 POUNDS RETENTION
ALL REMAINING LUMBER TO 15 POUNDS RETENTION
ALL HARDWARE TO BE HOT DIPPED GALVANIZED.



VISUAL BARRIER FENCE DETAIL (SHOWN THUS) (N.T.S.)

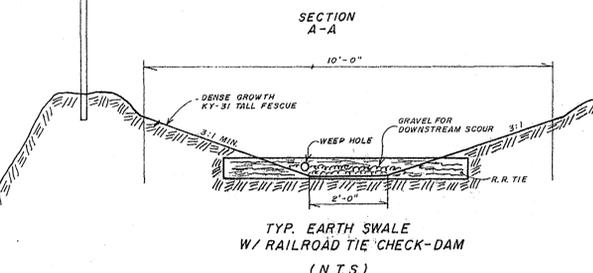


- NOTES:**
- UNCRUSHED VEHICLES SHALL NOT BE STACKED. CRUSHED VEHICLES MAY BE STACKED UP TO FOUR VEHICLES HIGH PROVIDED THEY ARE NOT VISIBLE FROM RICHMOND ROAD OR OLD ROUTE 60 WEST.
 - NO MORE THAN 250 VEHICLES SHALL BE PLACED ON THE SITE.
 - SITE PLAN APPROVAL BY THE DEVELOPMENT REVIEW COMMITTEE IS REQUIRED.
 - A 12-FOOT HIGH OPAQUE FENCE SHALL BE ERRECTED ALONG THE FRONTAGE OF RICHMOND ROAD AND AROUND THE SITE. THIS FENCE SHALL BE COMPATIBLE WITH THE SURROUNDING ENVIRONMENT, SHALL BE WELL CONSTRUCTED (SEE VISUAL FENCE BARRIER DETAIL THIS SHEET), SHALL HAVE A PATTERN WHICH IS CONTINUOUS AND CONSISTANT, SHALL HAVE THE TOP ALIGNED PARALLEL EXCEPT WHERE THE HEIGHT MUST BE ADJUSTED DUE TO GRADE CHANGE, AND SHALL HAVE A BASE WHICH IS NOT MORE THAN 8" ABOVE THE UNDERLYING GRADE. VEHICLES SHALL BE SET BACK A MINIMUM OF 10 FEET FROM THE FENCE.
 - A WIRE MESH FENCE 8 TO 12 FEET HIGH SHALL BE ERRECTED AROUND THE REMAINDER OF THE PROPERTY. THE BASE OF THE FENCE SHALL BE NOT MORE THAN 8" ABOVE THE UNDERLYING GRADE.
 - ANTIFREEZE, PETROLEUM, AND/OR PETROLEUM-BASED PRODUCTS SHALL NOT BE DISPOSED OF ON SITE. HAZARDOUS LIQUID WASTES TO BE PLACED IN 55 GALLON DRUMS ON A CONCRETE PAD. WHEN DRUMS ARE FULL THEY SHALL BE TRANSPORTED TO OIL WASTE RECYCLING COMPANIES.
 - THE SITE SHALL BE LIMITED TO ONE ENTRANCE ON RICHMOND ROAD.
 - ALL VEHICLES, PARTS AND OTHER DEBRIS SHALL BE REMOVED FROM ANY OF THE SLOPES ON THE SITE, THEN REGRADE AND SEED.
 - THE OWNER SHALL SUBMIT AN APPLICATION TO THE HEALTH DEPT. FOR THE INSTALLATION OF A VAULTED PRIVY.
 - IF CONSTRUCTION HAS NOT COMMENCED ON THE PROJECT WITHIN 18 MONTHS FROM THE DATE OF ISSUANCE OF THE SPECIAL USE PERMIT, IT SHALL BECOME VOID. DURING THIS 18 MONTH PERIOD, ALL PERMITS PERTAINING TO CONSTRUCTION SHALL BE SECURED; CLEARING AND GRADING OF THE SITE SHALL BE COMPLETED; AND FOOTINGS AND OR FOUNDATIONS SHALL BE INSTALLED.
 - CRUSHING OF VEHICLES SHALL NOT TAKE PLACE BEFORE 9:00 A.M. OR AFTER 6:00 P.M.
 - ALL CONDITIONS SHALL BE MET PRIOR TO THE USE AND OCCUPANCY OF THE BUILDING AND THE USE OF THE CRUSHER.
 - ALL ELEVATIONS BASED ON N.G.S. DATUM. SURVEY REFERENCE STATION 349, ELEVATION 98.45
 - ALL PAVEMENT IN RIGHT-OF-WAY TO BE MINIMUM: 1-1/2" - 5-5
6" - 8-3
6" - NO. 28 AGGREGATE GATE BASE
 - THIS PROPERTY DETERMINED TO BE OUTSIDE THE 500 YEAR FLOOD ZONE.
 - CUSTOMER PARKING REQ'D - 1/2500 ± 2 PROVIDED - 5 (INCL. 1 HANDICAP) EMPLOYEE PARKING REQ'D - 4, PROVIDED - 4
17. TRASH COLLECTION BY DUMPSTER.

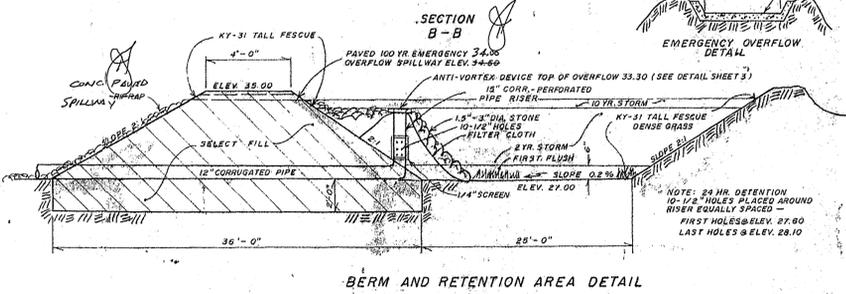
U.S. ROUTE 60 RICHMOND ROAD 180' R/W WESTBOUND LANE TO RICHMOND TO TOANO

CURVE DATA

NO.	RADIUS	DELTA	TANGENT	ARC
1	419.10'	19° 12' 45"	67.18	133.22'
2	5681.58'	6° 26' 41"	319.05	637.43'



TYP. EARTH SWALE W/ RAILROAD TIE CHECK-DAM (N.T.S.)



BERM AND RETENTION AREA DETAIL (N.T.S.)



GRAPHIC SCALE

SITE PLAN
JOHN'S USED AUTO PARTS
AUTOMOBILE GRAVEYARD
8952 RICHMOND ROAD
TOANO, VIRGINIA

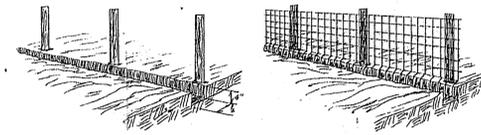
T. J. SAVAGE, JR.
SURVEYOR AND PLANNER
HAMPTON, VIRGINIA

SCALE: 1" = 30'
DATE: MAY 3, 1991
REVISED: 6/27/91
SHEET: 2 OF 3

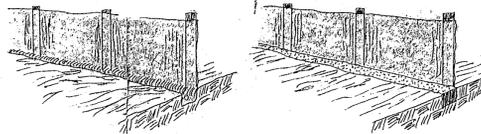
EROSION AND SEDIMENT CONTROL NOTES

1. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE "VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK." THE CONTRACTOR SHALL BE THOROUGHLY FAMILIAR WITH ALL APPLICABLE MEASURES CONTAINED THEREIN WHICH MAY BE PERTINENT TO THIS PROJECT.
2. ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS SHALL BE PROTECTED BY A TEMPORARY CONSTRUCTION ENTRANCE TO PREVENT TRACKING OF MUD ONTO PUBLIC RIGHT-OF-WAYS. AN ENTRANCE PERMIT FROM V.D.O.T. IS REQUIRED PRIOR TO ANY CONSTRUCTION ACTIVITIES WITHIN STATE RIGHT-OF-WAYS.
3. SEDIMENT BASINS AND TRAPS, PERIMETER DIKES, SEDIMENT BARRIERS AND OTHER MEASURES INTENDING TO TRAP SEDIMENT ON-SITE MUST BE CONSTRUCTED AS A FIRST STEP IN GRADING AND BE MADE FUNCTIONAL BEFORE UPSLOPE LAND DISTURBANCE TAKES PLACE. EARTHEN STRUCTURES SUCH AS DAMS, DIKES AND DIVERSIONS MUST BE SEEDED AND MULCHED IMMEDIATELY AFTER INSTALLATION. AN ON-SITE PRE-CONSTRUCTION MEETING WILL BE HELD BETWEEN THE OFFICE OF CODE COMPLIANCE AND THE CONTRACTOR TO IDENTIFY THOSE MEASURES TO BE INITIALLY INSTALLED.
4. MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES SHALL INCLUDE THE REPAIR OF MEASURES DAMAGED BY ANY SUBCONTRACTOR INCLUDING THOSE OF THE PUBLIC UTILITY COMPANIES. AT THE PRE-CONSTRUCTION MEETING, THE CONTRACTOR WILL SUPPLY CODE COMPLIANCE WITH THE NAME OF THE INDIVIDUAL WHO WILL BE RESPONSIBLE FOR ENSURING MAINTENANCE OF INSTALLED MEASURES ON A DAILY BASIS.
5. SURFACE FLOWS OVER CUT AND FILL SLOPES SHALL BE CONTROLLED BY EITHER REDIRECTING FLOWS FROM TRANSVERSING THE SLOPES OR BY INSTALLING MECHANICAL DEVICES TO SAFELY LOWER WATER DOWNSLOPE WITHOUT CAUSING EROSION. A TEMPORARY FILL DIVERSION (STD. & SPEC. 1.16) SHALL BE INSTALLED PRIOR TO THE END OF EACH WORKING DAY.
6. SEDIMENT CONTROL MEASURES MAY REQUIRE MINOR FIELD ADJUSTMENTS AT TIME OF CONSTRUCTION TO INSURE THEIR INTENDED PURPOSE IS ACCOMPLISHED. OFFICE OF CODE COMPLIANCE APPROVAL WILL BE REQUIRED FOR OTHER DEVIATIONS FROM THE APPROVED PLANS.
7. THE CONTRACTOR SHALL PLACE SOIL STOCKPILES AT THE LOCATIONS SHOWN ON THIS PLAN OR AS DIRECTED BY THE ENGINEER. SOIL STOCKPILES SHALL BE STABILIZED OR PROTECTED WITH SEDIMENT TRAPPING MEASURES.
8. THE CONTRACTOR SHALL COMPLETE DRAINAGE FACILITIES WITHIN 30 DAYS FOLLOWING COMPLETION OF ROUGH GRADING AT ANY POINT WITHIN THE PROJECT. THE INSTALLATION OF DRAINAGE FACILITIES SHALL TAKE PRECEDENCE OVER ALL UNDERGROUND UTILITIES. OUTFALL DITCHES FROM DRAINAGE STRUCTURES SHALL BE STABILIZED IMMEDIATELY AFTER CONSTRUCTION OF SAME. THIS INCLUDES INSTALLATION OF EROSION CONTROL STONE WHERE REQUIRED. ANY DRAINAGE OUTFALLS REQUIRED FOR A STREET MUST BE COMPLETED BEFORE STREET GRADING BEGINS.
9. PERMANENT OR TEMPORARY SOIL STABILIZATION MUST BE APPLIED TO ALL DENUDED AREAS WITHIN 7 DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. SOIL STABILIZATION MUST ALSO BE APPLIED TO DENUDED AREAS WHICH MAY NOT BE AT FINAL GRADE BUT WILL REMAIN DORMANT (UNDISTURBED) FOR LONGER THAN 30 DAYS. SOIL STABILIZATION MEASURES INCLUDE VEGETATIVE ESTABLISHMENT, MULCHING AND THE EARLY APPLICATION OF GRAVEL BASE MATERIAL ON AREAS TO BE PAVED.
10. NO MORE THAN 300' OF SANITARY SEWER, STORM SEWER, WATERLINES, OR UNDERGROUND UTILITY LINES ARE TO BE OPEN AT ONE TIME. FOLLOWING INSTALLATION OF ANY PORTION OF THESE ITEMS, ALL DISTURBED AREAS ARE TO BE IMMEDIATELY STABILIZED (I.E., THE SAME DAY)
11. IF DISTURBED AREA STABILIZATION IS TO BE ACCOMPLISHED DURING THE MONTHS OF DECEMBER, JANUARY, OR FEBRUARY, STABILIZATION SHALL CONSIST OF MULCHING IN ACCORDANCE WITH SPECIFICATION 1.75. SEEDING WILL THEN TAKE PLACE AS SOON AS THE SEASON PERMITS.
12. THE TERM SEEDING, FINAL VEGETATIVE COVER OR STABILIZATION, ON THIS PLAN SHALL MEAN THE SUCCESSFUL GERMINATION AND ESTABLISHMENT OF A STABLE GRASS COVER FROM A PROPERLY PREPARED SEEDBED CONTAINING THE SPECIFIED AMOUNTS OF SEED, LIME, AND FERTILIZER IN ACCORDANCE WITH SPECIFICATION 1.66, PERMANENT SEEDING. IRRIGATION SHALL BE REQUIRED AS NECESSARY TO ENSURE ESTABLISHMENT OF GRASS COVER.
13. ALL SLOPES STEEPER THAN 3:1 SHALL REQUIRE THE USE OF EROSION CONTROL BLANKETS SUCH AS EXCELSIOR BLANKETS TO AID IN THE ESTABLISHMENT OF A VEGETATIVE COVER. INSTALLATION SHALL BE IN ACCORDANCE WITH SPECIFICATION 1.75, MULCHING AND MANUFACTURER'S INSTRUCTIONS.
14. INLET PROTECTION IN ACCORDANCE WITH SPECIFICATION 1.08 SHALL BE PROVIDED FOR ALL STORM DRAIN INLETS AS SOON AS PRACTICAL FOLLOWING CONSTRUCTION OF SAME.
15. TEMPORARY LINERS, SUCH AS POLYETHYLENE SHEETS, SHALL BE PROVIDED FOR ALL PAVED DITCHES UNTILL THE PERMANENT CONCRETE LINER IS INSTALLED.
16. PAVED DITCHES SHALL BE REQUIRED WHEREVER EROSION IS EVIDENT. PARTICULAR ATTENTION SHALL BE PAID TO THOSE AREAS WHERE GRADES EXCEED 3 PERCENT.
17. TEMPORARY EROSION CONTROL MEASURES ARE NOT TO BE REMOVED UNTILL ALL DISTURBED AREAS ARE STABILIZED. AFTER STABILIZATION IS COMPLETE, ALL MEASURES SHALL BE REMOVED WITHIN 30 DAYS. TRAPPED SEDIMENT SHALL BE SPREAD AND SEEDED.
18. OFF-SITE WASTE OR BORROW AREAS SHALL BE APPROVED BY THE OFFICE OF CODE COMPLIANCE PRIOR TO THE IMPORT OF ANY BORROW OR EXPORT OF ANY WASTE TO OR FROM THE PROJECT SITE.
19. ALL PAVED AND/OR PIPED OUTFALLS WILL BE CONSTRUCTED BEFORE ROAD GRADING AND UTILITY INSTALLATION BEGINS.

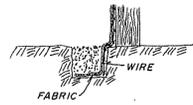
1. SET POSTS AND EXCAVATE A 4" X 4" TRENCH UPSLOPE ALONG POST LINE.
2. STAPLE WIRE FENCING TO THE POSTS.



3. ATTACH THE FILTER FABRIC TO THE WIRE FENCE AND EXTEND IT INTO THE TRENCH.
4. BACKFILL AND COMPACT THE EXCAVATED SOIL.

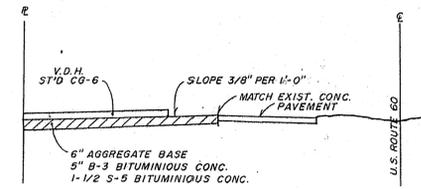


EXTENSION OF THE FABRIC AND WIRE INTO THE TRENCH.

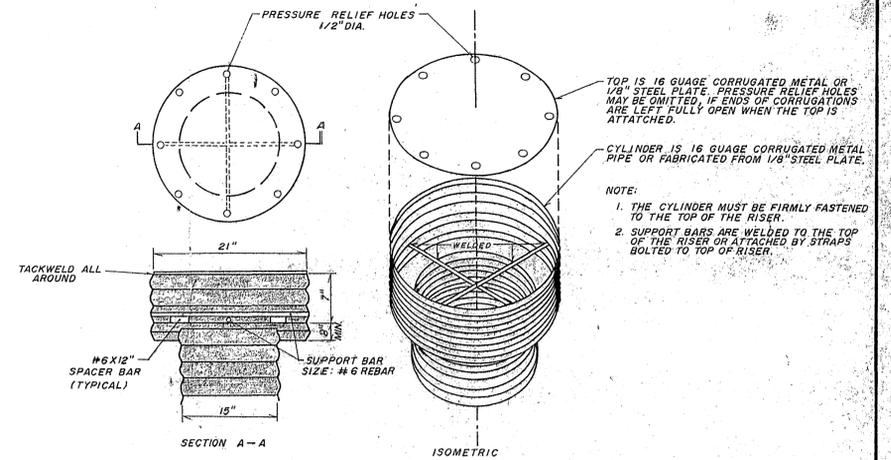


CONSTRUCTION OF A SILT FENCE (J.C.C. STYLE)

ENTRANCE DETAIL



SECTION C-C
N.T.S.



ANTI-VORTEX DEVICE DETAIL
(N.T.S.)

SITE PLAN

JOHN'S USED AUTO PARTS
AUTOMOBILE GRAVEYARD

T. J. SAVAGE, JR.
SURVEYOR AND PLANNER
HAMPTON, VIRGINIA

SCALE: _____ DATE: MAY 3, 1991
REVISED: 6/27/91 SHEET: 3 OF 3

DETENTION RELEASE RATE ● 24 HRS.

JOHNS USED
AUTO

① $Q_{EX} = S/T$

$$Q_{EX} = 13,676 / 86,400$$

$$Q_{EX} = 0.16$$

DISCHARGE 12" PIPE

② $Q_C = 0.25 (x_c) (V_{a_2})$

$$Q_C = 0.25 (1.79) (2.1)$$

$$Q_C = 0.41$$

③ $Q_{EX} < Q_C$ ✓

NO. EXTENDED ORIFICE HOLES (1/2")

$$A = Q_{EX} / 4.81 (\sqrt{H}) \quad H = 6.3$$

$$A = 0.16 / 4.81 (\sqrt{6.3})$$

$$A = 0.013$$

No. REQ'D. $0.013 / .00136 = 10 - \frac{1}{2}$ holes

JOHNS USED
 Auto

2 & 10 YEAR STORM

2 yr

10 yr

FROM	TO	AREA	TOTAL AREA	C	CA	I	Q	PIPE SIZE	SLOPE	N	FULL	V.P.S.
		1.7	1.7	.60	1.02	3.7	3.8	12"	.002	.013	1.6	2.1
								= 102,300 GAL.				
		1.7	1.7	.60	1.02	5.5	5.6	12"	.002		1.6	2.1
								= 156,800 GAL.				
								- 43,000 GPH @ OVERFLOW				
								107,800 GAL.				
								CAPACITY @ EMERGENCY OVERFLOW				
								134,600 GAL.				

2 1/2' 10 YEAR STORM

JOHNS USED
Auto

2 yr

10 yr

FROM	TO	AREA	TOTAL AREA	C	CA	I	Q	PIPE SIZE	SLOPE	N	FULL	V.P.S.
		1.7	1.7	.60	1.02	3.7	3.6	12"	.002	.013	1.6	2.1
								= 102,300 GAL.				
		1.7	1.7	.60	1.02	5.5	5.6	12"	.002		1.6	2.1
								= 150,800 GAL.				
								- 43,000 GPH @ OVERFLOW				
								107,800 GAL.				
								CAPACITY @ EMERGENCY OVERFLOW				
								134,600 GAL.				

DETENTION RELEASE RATE ● 24 HRS.

JOHNS Used
AUTO

$$\textcircled{1} Q_{EX} = S/T$$

$$Q_{EX} = 13,676 / 86,400$$

$$Q_{EX} = 0.16$$

DISCHARGE 12" PIPE

$$\textcircled{2} Q_C = 0.25 (x_c) (V_{or})$$

$$Q_C = 0.25 (.79) (2.1)$$

$$Q_C = 0.41$$

$$\textcircled{3} Q_{EX} < Q_C \quad \checkmark$$

NO. EXTENDED ORIFICE HOLES ($\frac{1}{2}$ ")

$$A = Q_{EX} / 4.81 (\sqrt{H}) \quad H = 6.3$$

$$A = 0.16 / 4.81 (\sqrt{6.3})$$

$$A = 0.013$$

$$\text{No. REQ'D.} \quad 0.013 / .00136 = 10 - \frac{1}{2} \text{ holes}$$

Pat Menichino

From: Pat Menichino
Sent: Tuesday, July 05, 2011 10:44 AM
To: 'DMeeks@EmpireMetalCorp.Com'
Cc: Frances Geissler; David Greshamer; 'mark.kidd@deq.virginia.gov'
Subject: Stormwater BMP located at 8952 Richmond Road, Toano - James City County Recycling
Attachments: RPT_AA_BMP ID.pdf DC002.pdf

Mr. Meeks:

Thank you for taking the time to meet with David Greshamer and myself to discuss the maintenance requirements for the Stormwater Best Management Practice (BMP) facility located on your property. Attached to this email is a pdf of an inspection report that was generated as a result of our site visit on June 6, 2011.

The BMP facility located on your property was required to be installed and maintained as part of the original plan of development for the property approved by James City County in 1991.

After reviewing the attached report please contact me with your anticipated time frame for the completion of the required maintenance and repairs to the BMP.

Thanks again for your co-operation in this matter.

Pat

Patrick T. Menichino
Project Manager
Stormwater Specialist



General Services Department
5320 Palmer Lane, Suite 2A
Williamsburg, VA 23188
P: 757-259-1443
F: 757-259-5833
jccEgov.com

James City County Stormwater Division - WORK ORDER

Work Order Number: 701

Status:

PROPERTY DETAIL:	PIN: <input type="text" value="1110100008"/>	DISTRICT: <input type="text" value="1"/>
SITE ADDRESS: <input type="text" value="8952 RICHMOND ROAD"/>	YEAR BUILT	<input type="text" value="1900"/>
OWNER: <input type="text"/>	SALE DATE:	<input type="text"/>
SUBDIVISION: <input type="text" value="Acreage Lots"/>		

COMPLAINT DETAIL:	Call Date: <input type="text" value="5 /18/2011"/>	Caller Name	<input type="text" value="Rick Payne"/>
--------------------------	--	-------------	---

Phone Home: Email:

Phone Cell:

Phone Work:

Fax:

Complaint Request

Complaint Comments

Mr. Payne called and wanted to know what to do about the cleanup and maintenance of his BMP at James City County Recycling. He stated that DEQ is requiring them to clean the BMP up.

Inspector Comments Date Inspected:

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James City County Stormwater Division Stormwater Management Facility (SWMF) Inspection Report

Score Definitions: 0-N/A, 1-Adequate, 2-Routine Maintenance, 3-Non-routine repair, 4-Urgent repair(s), item has failed or is failing.

BMP ID # DC002 PIN 1110100008 Responsible Party: DWM PROPERTIES LLC

Site Address: 8952 RICHMOND ROAD District: 1

Location (other):

Date: 6/6/2011 Inspector: PM

(3 or 4 requires attention):

Structure Type: Wet Pond

Total Score 4

Criteria	Score	Comments: (Listed below are the items/tasks that should be rectified/ completed prior to re-inspection)
1. Forebay Score:	0	
2. Inlet(s):	4	Inlet swales disturbed, not functioning as designed. Must be installed. Sediment debris or woody vegetation at the outfall of inlet
*3. Outlet:	3	Remove all trees and woody vegetation within 10' of outlet structure.
*4. Principal Spillway:	3	Principal Spillway (metal riser) not functioning as designed. Low flow perforated holes are clogged by accumulated sediment. Remove all trees and woody vegetation within 10' of principal.
5. Emergency Spillway:	3	Remove all trees and woody vegetation within 10' of emergency spillway.
6. Basin Bottom and Side Slopes:	3	Excessive accumulated sediment, restore basin to design elevations. Remove all trees and woody vegetation from within the basin.
7. Safety Devices:	0	
*8. Embankments:	4	Remove all trees and woody vegetation from the embankment. Establish a grass cover on the embankment.
*9. Structural Components:	2	Inspect all structures and repair as needed.
*10. Media:	0	

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Criteria	Score	Comments: <small>(Listed below are the items/tasks that should be rectified/ completed prior to re-inspection)</small>
11. Routine Maintenance:	3	Remove trash and debris. Inspect after major storm events for damage or blockage
12. Condition of Aquatic Environment:	0	
13. Vegetation:	0	
*14. Storage Volume:	3	Reduced volume due to sediment accumulation.
15. Debris/Sediment Accumulation:	3	Remove debris , sediment and floatable material.
16. Standing Water:	0	
17. Safety and Aquatic Bench:	0	
18. Side Slope Vegetation:	3	Ground cover missing
19. Other:	0	

Checked below identify corrective work required on your stormwater management facility.

- Remove all trees and other woody vegetation from the embankment (earthen dam) and also within 10' of the toe of the embankment slope.
- Remove all trees and other woody vegetation from within 10' of the principal spillway, any principal inlet devices, and the principal outfall.
- Remove all trees and other woody vegetation from within 10' of any inlet structures, such as: pipes, end sections, concrete channels, flumes, rip rap channels, etc.
- Remove all trees and other woody vegetation from within the emergency spillway and also from within 10' of the spillway.
- Investigate the cause of any settlement, sink holes, subsidence, or erosion, noted on the report and develop and implement an appropriate plan to correct the deficiencies noted permanently.
- Remove all accumulated sediment, leaves and debris from within any pipes, end sections, concrete channels, emergency spillways, flumes, rip rap channels, etc. and dispose of the material in an appropriate method and location.
- Stabilize any disturbed, unstable, denuded or bare soil areas, by installing top soil and planting a permanent grass seed to establish an effective grass ground cover over these areas.
- All grassed areas of the BMP such as: access roads, emergency spillways, embankments (earthen dam), or other non-treed areas, shall be maintained at a minimum grass height of 8", and should not be subjected to low mowing.
- Trees and woody vegetation should be cut flush with the ground, and smaller trees and limbs (less than 4" dia) may be processed with a wood chipper and dispersed in natural areas.

Date Record Created:

WS_BMPNO:

DC002

Print Record

Created By:

WATERSHED DC
 BMP ID NO 002
 PLAN NO SP-48-91
 TAX PARCEL (11-1)(1-8)
 PIN NO 1110100008
 CONSTRUCTION DATE 7/3/1991
 PROJECT NAME John's Used Auto Parts
 FACILITY LOCATION 8952 Richmond Road
 CITY-STATE Toano, VA
 CURRENT OWNER W.H. SPARRER, INC.
 OWNER ADDRESS P.O. BOX 658
 OWNER ADDRESS 2 SEAFORD, VA 23696-0658
 CITY-STATE-ZIP CODE
 OWNER PHONE
 MAINT AGREEMENT No
 EMERG ACTION PLAN No

PRINTED ON
Wednesday, March 10, 201
3:29:40 PM

MAINTENANCE PLAN

No

SITE AREA acre

4.4

LAND USE

COMM

old BMP TYP

Wet Pond

JCC BMP CODE

A2 Wet Pond

POINT VALUE

6

SVC DRAIN AREA acres

1.7

SERVICE AREA DESCR

Automobile Graveyard

IMPERV AREA acres

1.40

RECV STREAM

DIASCOND CREEK

EXT DET-WQ-CTRL

No

LAST INSP DATE

WTR QUAL VOL acre-ft

0

CHAN PROT CTRL

No

CHAN PROT VOL acre-ft

0.3

SW/FLOOD CONTROL

No

GEOTECH REPORT

No

CTRL STRUC DESC

CTRL STRUC SIZE inches

OTLT BARRL DESC

COR.PIPE

OTLT BARRL SIZE inch

12

EMERG SPILLWAY

Yes

DESIGN HW ELEV

34

PERM POOL ELEV

2-YR OUTFLOW cfs

10-YR OUTFLOW cfs

REC DRAWING

No

CONSTR CERTIF

No

INTERNAL RATING

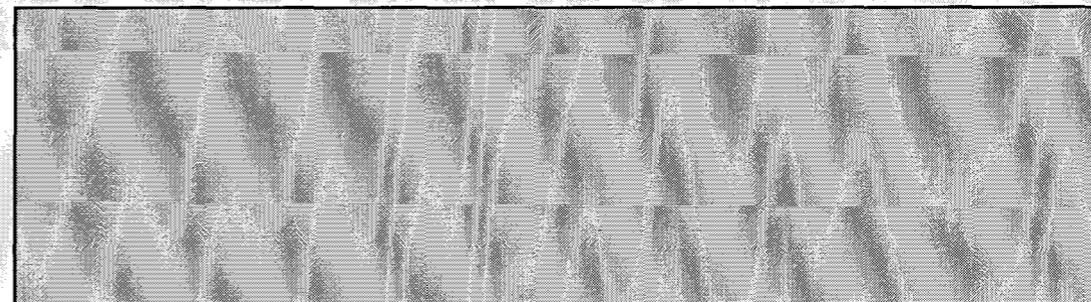
MISC/COMMENTS

Inspected by:

Get Last BMP No

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Additional Comments:





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Empire Recycling Norfolk
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