MATCH LINE SEE SHEET C–111 & C112

PRESERVATION AREA 0.10AC
PRESERVATION AREA 0.08AC
PRESERVATION AREA 0.15AC
PRESERVATION AREA 0.59AC
PRESERVATION AREA 0.18AC
PRESERVATION AREA 3.22AC
PRESERVATION AREA 0.76AC
PRESERVATION AREA 0.03AC

TEMPORARY MARSH MAT ACCESS ROAD (TYP.)
FLOATING TURBIDITY BARRIER (TYP.)
VEHICLE ACCESS FROM PORT READING AVENUE TO EXISTING GATE TO BE MAINTAINED AT ALL TIMES. NO STORAGE WITHIN THIS AREA.
CONSTRUCTION FENCE (TYP.)
CONSTRUCTION ACCESS ROAD
APPROXIMATE PROJECT LIMITS
GATE, DOUBLE LEAF CHAIN LINK (TYP.)
ANTI TRACKING PAD (TYP.)
STAGING AREA
CONSTRUCTION FENCE (TYP.)
GATE, DOUBLE LEAF CHAIN LINK (TYP.)
ANTI TRACKING PAD (TYP.)
GATE, DOUBLE LEAF CHAIN LINK (TYP.)

COVE CREEK
RARITAN AVENUE
SEVENTH AVENUE
SIXTH AVENUE
PORT READING AVENUE
WATSON AVENUE
WETLAND LIMITS
FLOW
KOLONIA NORTH

MATCH LINE SEE SHEET C–109

SCALE: 1'' = 50'-0"

KEY PLAN NORTH
KEY PLAN

US Army Corps of Engineers
New York District

Symbol	Description	Date	Appr.
1	AMENDMENT NO. 2	3/28/06	

Designed by: DB, JTD
Date: December 2005
Size: 11 x 17
Rev:
Dwn by: BA, JD
Ckd by: DBGA
Drawing file no:
Drawing code:
Reviewed by: DBGA, JA
Rel date:
Submitted by:
Rejected by:
Date:

U.S. ARMY, ENGINEER DISTRICT, LOCKPORT, OFFICE OF ENGINEERING, UNIT, 1 DOBBS FERRY, NEW YORK

THE LOUIS BERGER GROUP, INC.
30 VREELAND ROAD
FLORHAM PARK, NJ 07932

WOODBRIDGE CREEK RESTORATION
AREA A-FISHBOWL, DEPTFORD, MITIGATION &
AREA B-WOODBRIDGE, DEPTFORD, MITIGATION
WOODBRIDGE, NEW JERSEY
CONTRACT NO. W912DS-06-B-0001

SOIL EROSION AND SEDIMENT CONTROL PLAN - AREA A

Sheet reference number:
C–110
Sheet 12 of 50

MATCH LINE SEE SHEETS C–119 & C–120

MATCH LINE SEE SHEET C–117

NOTES:

1. SEE SHEET C-301 FOR BASELINE A CROSS SECTION AT STA. 55+60 AND STA 58+00.
2. SEE SHEET C-302 FOR BASELINE B CROSS SECTION AT STA. 51+75, STA. 54+50 AND STA. 60+50.
3. SEE SHEET C-303 FOR BASELINE B CROSS SECTION AT STA. 62+75.
4. SEE SHEET C-501 FOR TYPICAL PROPOSED CHANNEL CROSS SECTION DETAIL.

SCALE: 1'' = 50'-0"

KEY PLAN NORTH

KEY PLAN

US Army Corps of Engineers
New York District

Symbol	Description	Date	Appr.
1	AMENDMENT NO. 2	12/28/05	

Designed by: CG, CD
Date: December 2005
Scale: 1" = 50'
Dwn by: SK, KP
Ckd by: JL, DGUA
Drawing file no.:
Drawing code:
Reviewed by: GR, JA
Submitted by:
Rev.:
Fld date:
Plot by:
Date:

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK

THE LOUIS BERGER GROUP INC.
30 VREELAND ROAD
FLORHAM PARK, NJ 07932

WOODBRIDGE CREEK RESTORATION
AREA A: HARBOR, PERTH AMBOY, NJ
AREA B: KAPKASING, WOODBRIDGE, NJ
WOODBRIDGE, NEW JERSEY
CONTRACT NO. W912DS-06-B-0001

GRADING PLAN - AREA A

Sheet reference number:
C–118
Sheet 20 of 50

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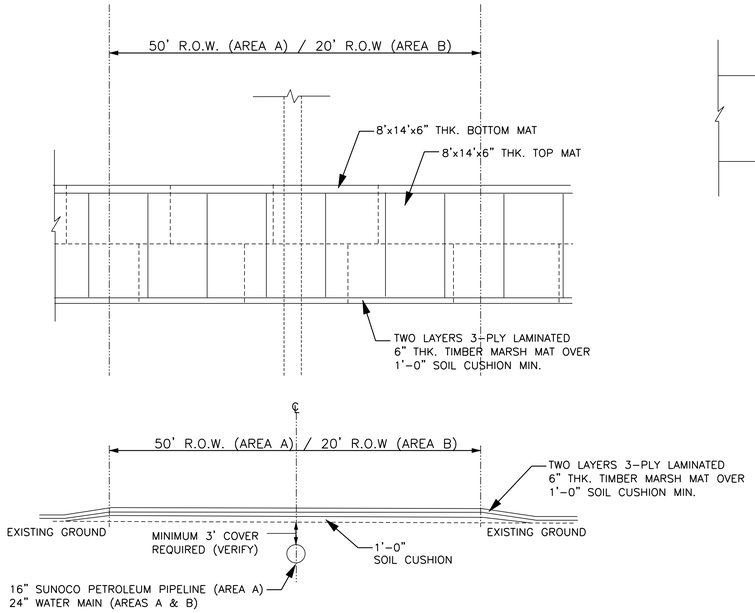
NORTHWEST AREAS: (AREA A & B)

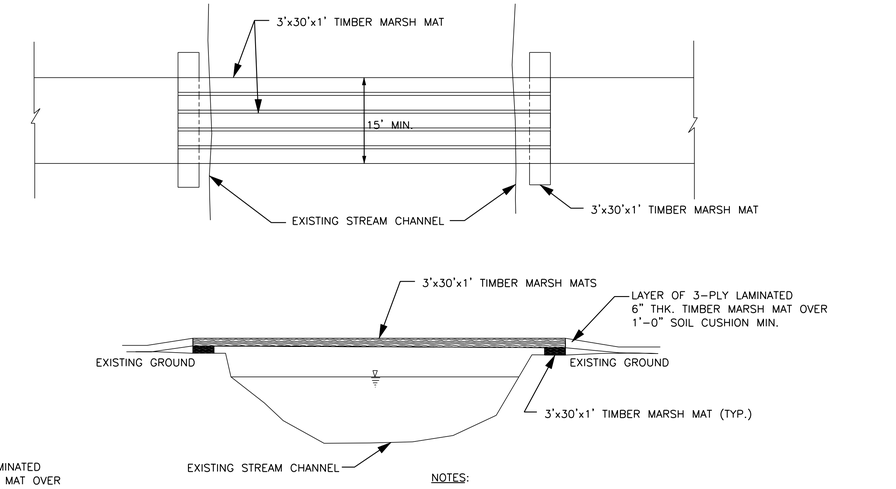
1. ERECT TEMPORARY CONSTRUCTION FENCE ALONG RIGHT OF WAY STARTING AT WEDGEWOOD AVE. AND RUNNING 780' ALONG EASTERLY R.O.W. LINE FOR LINE OF NO ACCESS.
2. PROVIDE PIPELINE PROTECTION AT WATERLINE EASEMENT FOR HEAVY EQUIPMENT ACCESS FOR LOW MARSH EXCAVATION AFTER VERIFYING PIPELINE LOCATION VIA THE ONE-CALL NUMBER (1-800-272-1000). VERIFY DEPTH OF COVER OF PIPELINE WITH WATER COMPANY.
3. CONSTRUCT TEMPORARY MARSH MAT ACCESS ROAD FROM LOW MARSH EXCAVATION ACROSS WOODBRIDGE CREEK TO SAINTS BOULEVARD.
4. AFTER EXCAVATION IS COMPLETE, REMOVE ALL TIMBER MARSH MATS.

SOUTHWEST AREA: (AREA A)

1. VERIFY LOCATIONS OF PETROLEUM PIPELINES ALONG WESTERLY SIDE OF SITE AND CROSSING THE SITE BY USE OF THE ONE-CALL NUMBER (1-800-272-1000) AND/OR UTILITY CONTACTS.
2. ERECT TEMPORARY CONSTRUCTION FENCE ALONG PETROLEUM PIPELINE R.O.W. FROM VICINITY OF VON VETCHEN AVE. TO THE NORTH AND ACROSS THE SITE TO WOODBRIDGE CREEK FOR LINE OF NO ACCESS.
3. PROVIDE PIPELINE PROTECTION OVER PETROLEUM PIPELINE R.O.W.'S AT LOCATIONS SHOWN PER DETAILS. PLACE TOTAL COVER OF 4'-0" MINIMUM.
4. NO CROSSINGS OF PETROLEUM PIPELINE ALLOWED WITHOUT PIPELINE PROTECTION.
5. AFTER EXCAVATION IS COMPLETE, REMOVE ALL TIMBER MARSH MATS.



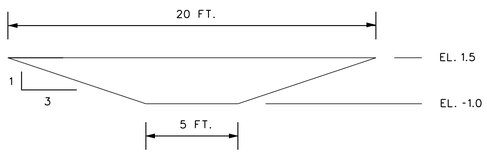
PIPELINE PROTECTION DETAIL
N.T.S



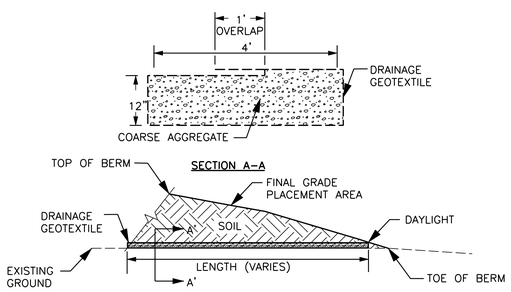
NOTES:

1. TIMBER MARSH MATS MAY REQUIRE ANCHORAGE TO PREVENT MOVEMENT DURING TIDAL CYCLE.
2. CONTRACTOR SHALL PERFORM A STRUCTURAL ANALYSIS OF THIS SUGGESTED TEMPORARY STREAM CROSSING, OR SUCH OTHER TEMPORARY CROSSING HE PROPOSES. STRUCTURAL ANALYSIS SHALL BE PERFORMED BY A LICENSED NJ PROFESSIONAL ENGINEER AND SHALL VERIFY THE STRUCTURAL CAPACITY OF THE TEMPORARY CROSSING TO CARRY THE CONTRACTOR'S EXCAVATING & HAULING EQUIPMENT.

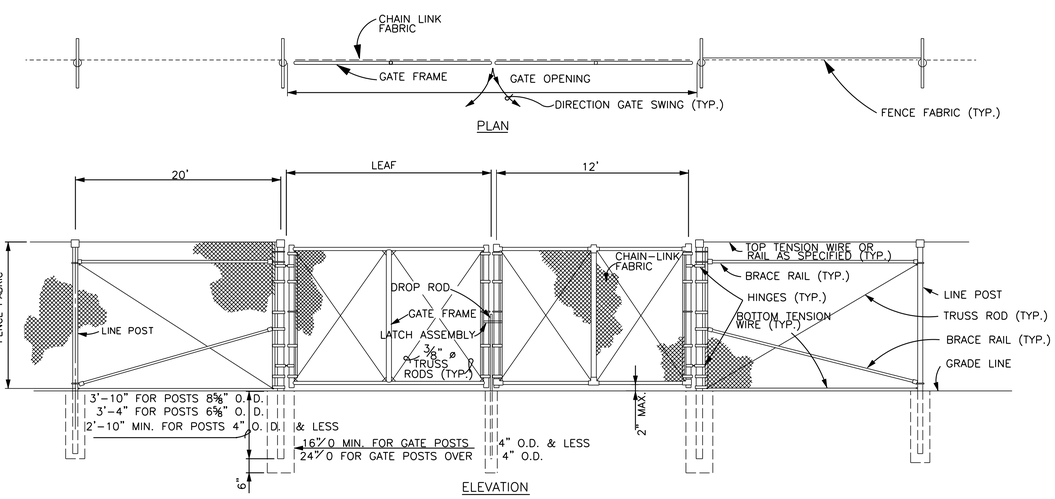
SUGGESTED TEMPORARY STREAM CROSSING DETAIL
N.T.S



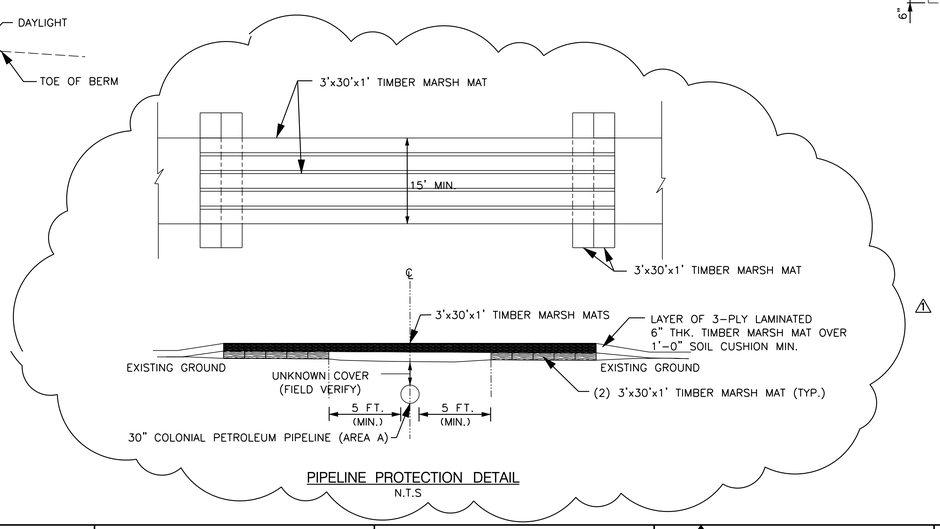
TYPICAL OPEN WATER CHANNEL CROSS SECTION
N.T.S



STONE POCKET DRAIN DETAIL
N.T.S



GATE, DOUBLE LEAF CHAIN LINK DETAIL
N.T.S



PIPELINE PROTECTION DETAIL
N.T.S

US Army Corps of Engineers
New York District

Symbol	Description	Date	Appr.
1	AMENDMENT NO. 2	12/28/05	

Designed by: Dr. ITD
Dwn by: B. Ø
Ckd by: - BBØB.
Reviewed by: Dr. JAL
Submitted by:
Date: December 2005
Scale: 1" = 1'
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Partial:
Date:

U.S. ARMY, ENGINEER DISTRICT, CORPS OF ENGINEERS
NEW YORK, 26 FEDERAL PLAZA

THE LOUIS BERGER GROUP, INC.
30 VREELAND ROAD
FLORHAM PARK, NJ 07932

WOODBRIDGE CREEK RESTORATION
AREA A-EPHRON LEFFMAN, MITCHELL & BOYLAN PROPERTIES, AREA B-WOODBRIDGE CREEK CORPORATION
WOODBRIDGE, NEW JERSEY
CONTRACT NO. W912DS-06-B-0001

CONSTRUCTION DETAILS

Sheet reference number:
C-501
Sheet 35 of 50

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