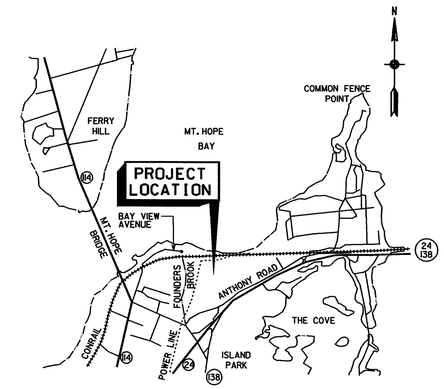
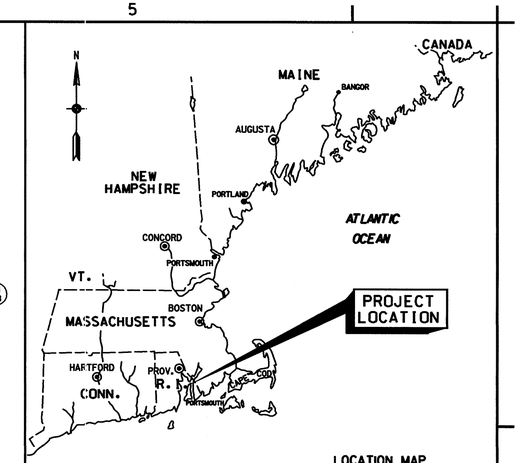
U.S. Army Corps
of Engineers
New England District

DuBois & King inc.
engineering planning management development
ROUTE 66 PROFESSIONAL CENTER RANDOLPH, VT 05060 TEL 802-728-3376



VICINITY MAP
NOT TO SCALE



LOCATION MAP
NOT TO SCALE

TOWN POND ENVIRONMENTAL RESTORATION

PORTSMOUTH, RHODE ISLAND

INDEX TO DRAWINGS

SHEET NO.		DESIGN FILE	TITLE
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3	C-102	C-102SP.DGN	SITE LAYOUT AND TIE SHEET
4	C-103	C-103SP.DGN	SITE LAYOUT
5	C-104	C-104SP.DGN	SITE LAYOUT
6	C-105	C-105SP.DGN	SITE LAYOUT
7	C-106	C-106SP.DGN	SITE PLAN
8	C-107	C-107SP.DGN	SITE PLAN
9	C-108	C-108SP.DGN	SITE PLAN
10	C-401	C-401SP.DGN	PARKING LOT SITE PLAN
11	C-402	C-402SP.DGN	UTILITY ACCESS ROAD AND TURN AROUND DETAILS
12	C-403	C-403SP.DGN	CULVERT AND WEIR PLAN AND PROFILE
13	C-404	C-404SP.DGN	ENTRANCE CHANNEL PLAN AND DETAILS
14	S-401	S-401DT.DGN	CULVERT LAYOUT AND DETAILS
15	C-501	C-501DT.DGN	MISCELLANEOUS DETAILS
16	C-301	C-301SC.DGN	CROSS SECTIONS
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18	C-303	C-301SC.DGN	CROSS SECTIONS
19	C-304	C-301SC.DGN	CROSS SECTIONS

INFORMAMATION DRAWING

FERRY LANDING CONDOMINIUM UNITS 2A THRU 2F
ASSESOR'S MAP 6 LOT 55

PROFESSIONAL SEAL
WILLIAM H. BAUMANN, JR.
No. 6580
REGISTERED PROFESSIONAL ENGINEER (CIVIL)

VALUE ENGINEERING PAYS DIVIDENDS

SAFETY PAYS

SOLICITATION #: W912WJ-05-B-0007

SEE SPECIFICATIONS FOR DRAWING SIGNATURES

APPROVED FUNCTIONAL ADEQUACY
TECHNICAL LEAD ENGINEER REVIEWED BY: DATE:
RECOMMENDED BY: DATE:
CHIEF, DESIGN BRANCH REVIEWED BY: DATE:
DEPUTY CHIEF, E/P DIV APPROVED BY: DATE:
CH. HTRW/GEOTECH ENGRG BR. DATE:
CHIEF, ENGRG/PLANNING DIV DATE:

PREPARED BY:
DUBOIS AND KING INC.
PRINCIPAL, A/E FIRM
DATE:
DuBois & King inc. engineering planning management development

WATER RESOURCES DEVELOPMENT PROJECT
SECTION 1135 ENVIRONMENTAL RESTORATION
TOWN POND RESTORATION
PORTSMOUTH, RHODE ISLAND

COVER SHEET AND INDEX TO DRAWINGS

Reference number:
T-1
Sheet 1 of 19

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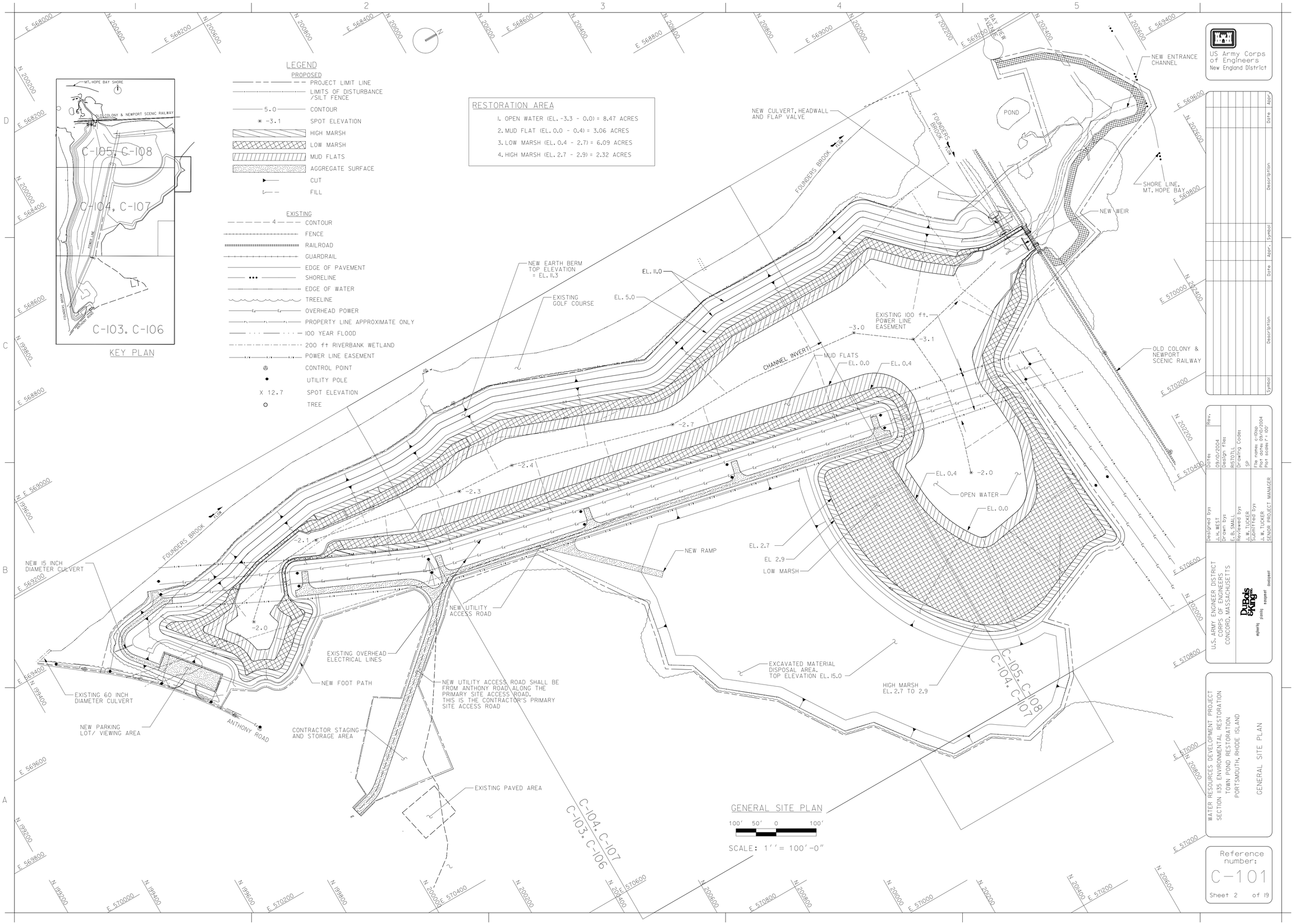

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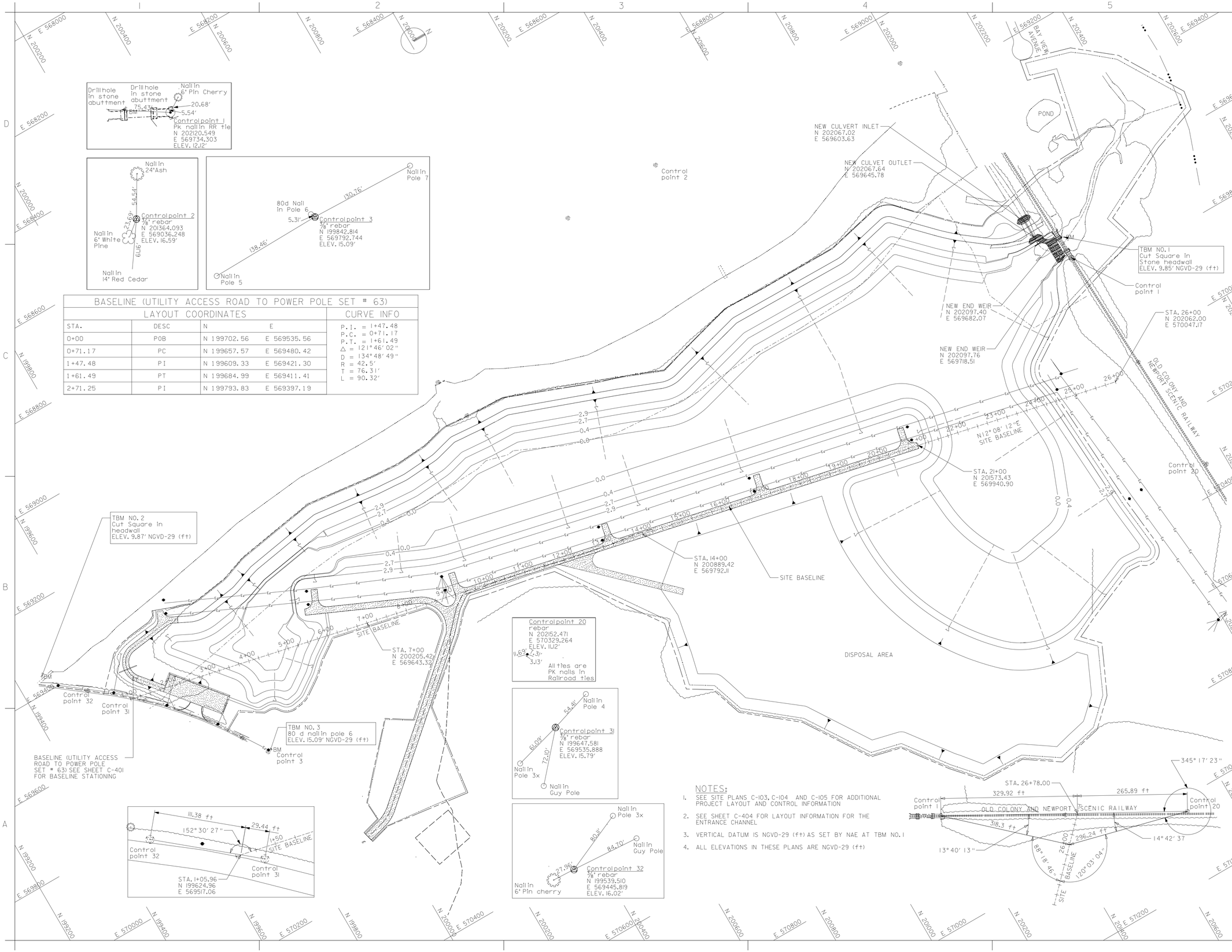

BASELINE (UTILITY ACCESS ROAD TO POWER POLE SET # 63)				
LAYOUT COORDINATES				CURVE INFO
STA.	DESC	N	E	P.I. = 1+47.48 P.C. = 0+71.17 P.T. = 1+61.49 Δ = 121°46' 02" D = 134°48' 49" R = 42.5' T = 76.31' L = 90.32'
0+00	POB	N 199702.56	E 569535.56	
0+71.17	PC	N 199657.57	E 569480.42	
1+47.48	PI	N 199609.33	E 569421.30	
1+61.49	PT	N 199684.99	E 569411.41	
2+71.25	PI	N 199793.83	E 569397.19	

NOTES:

1. SEE SITE PLANS C-103, C-104 AND C-105 FOR ADDITIONAL PROJECT LAYOUT AND CONTROL INFORMATION
2. SEE SHEET C-404 FOR LAYOUT INFORMATION FOR THE ENTRANCE CHANNEL
3. VERTICAL DATUM IS NGVD-29 (ft) AS SET BY NAE AT TBM NO. 1
4. ALL ELEVATIONS IN THESE PLANS ARE NGVD-29 (ft)

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Designed by: J.H. WEST
Drawn by: E.B. SMALL
Reviewed by: J.W. TUCKER
Submitted by: J.W. TUCKER, SENIOR PROJECT MANAGER
Date: May 2004
Design Firm: R67071LL
Drawing Codes: Site name, Plot date 6/06/2004, Plot scale 1" = 100'
Rev.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

DuBois & King inc. engineers planners development

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SECTION 1135 ENVIRONMENTAL RESTORATION
TOWN POND RESTORATION
PORTSMOUTH, RHODE ISLAND

SITE LAYOUT AND TIE SHEET

Reference number:
C-102
Sheet 3 of 19

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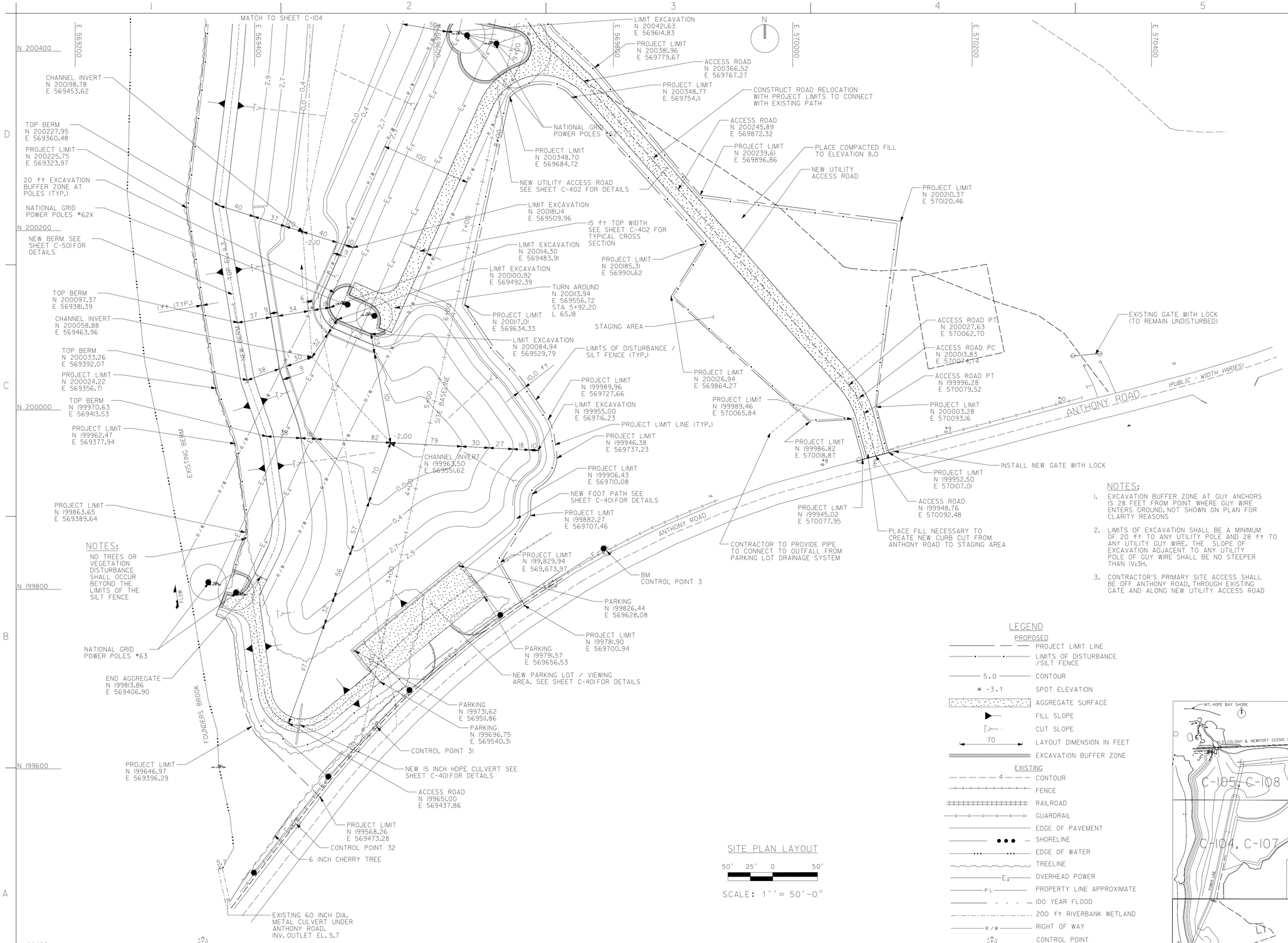


NOTES:

NO TREES OR VEGETATION DISTURBANCE SHALL OCCUR BEYOND THE LIMITS OF THE SILT FENCE

NOTES:

1. EXCAVATION BUFFER ZONE AT GUY ANCHORS IS 28 FEET FROM POINT WHERE GUY WIRE ENTERS GROUND. NOT SHOWN ON PLAN FOR CLARITY REASONS
2. LIMITS OF EXCAVATION SHALL BE A MINIMUM OF 20 ft TO ANY UTILITY POLE AND 28 ft TO ANY UTILITY GUY WIRE. THE SLOPE OF EXCAVATION ADJACENT TO ANY UTILITY POLE OF GUY WIRE SHALL BE NO STEEPER THAN 1V:3H.
3. CONTRACTOR'S PRIMARY SITE ACCESS SHALL BE OFF ANTHONY ROAD, THROUGH EXISTING GATE AND ALONG NEW UTILITY ACCESS ROAD

LEGEND

PROPOSED

- PROJECT LIMIT LINE
- LIMITS OF DISTURBANCE /SILT FENCE
- 5.0 CONTOUR
- * -3.1 SPOT ELEVATION
- AGGREGATE SURFACE
- FILL SLOPE
- CUT SLOPE
- 70 LAYOUT DIMENSION IN FEET
- EXCAVATION BUFFER ZONE

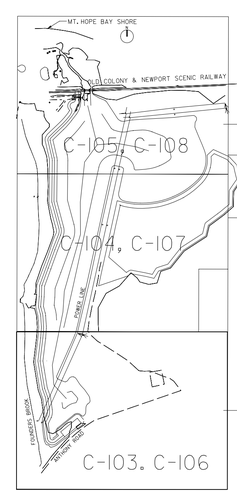
EXISTING

- 4 CONTOUR
- FENCE
- RAILROAD
- GUARDRAIL
- EDGE OF PAVEMENT
- SHORELINE
- EDGE OF WATER
- TREELINE
- E_x OVERHEAD POWER
- PL PROPERTY LINE APPROXIMATE
- 100 YEAR FLOOD
- 200 ft RIVERBANK WETLAND
- R/W RIGHT OF WAY
- CONTROL POINT
- UTILITY POLE
- X 12.7 SPOT ELEVATION
- TREE

SITE PLAN LAYOUT

50' 25' 0 50'

SCALE: 1'' = 50'-0"



KEY PLAN

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Date: 09/10/2004
Design Files: R6370LL
Drawing Codes: SP
File name: c-03sp
Plot date: 09/10/2004
Plot scale: 1" = 50'

Designed by: D. H. WEST
Drawn by: E. B. SMALL
Reviewed by: J. W. TUCKER
Submitted by: J. W. TUCKER, SENIOR PROJECT MANAGER

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

DuBois & King engineering planning management development

WATER RESOURCES DEVELOPMENT PROJECT
SECTION 1135 ENVIRONMENTAL RESTORATION
TOWN POND RESTORATION
PORTSMOUTH, RHODE ISLAND

SITE LAYOUT

Reference number:
C-103
Sheet 4 of 19

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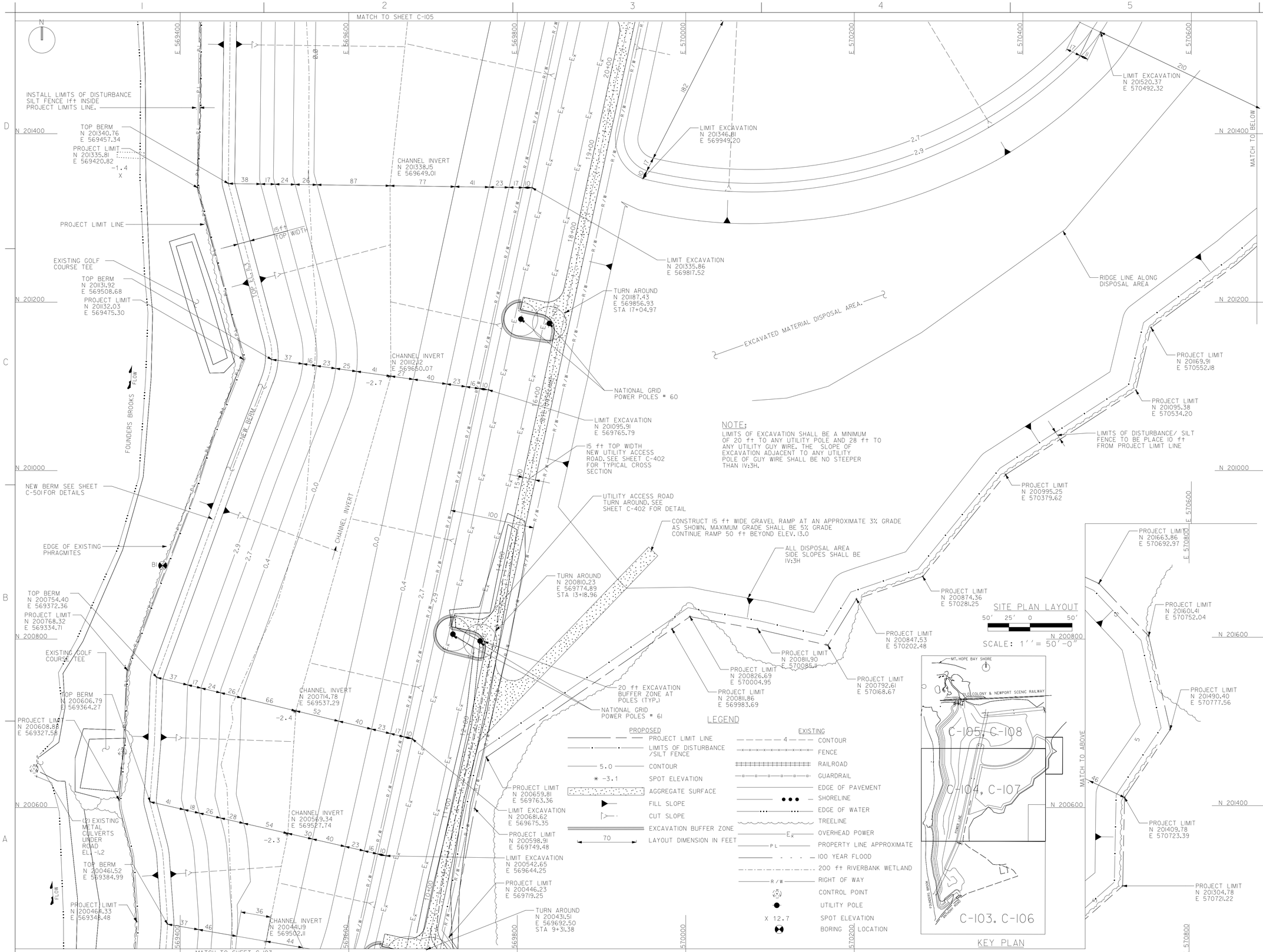

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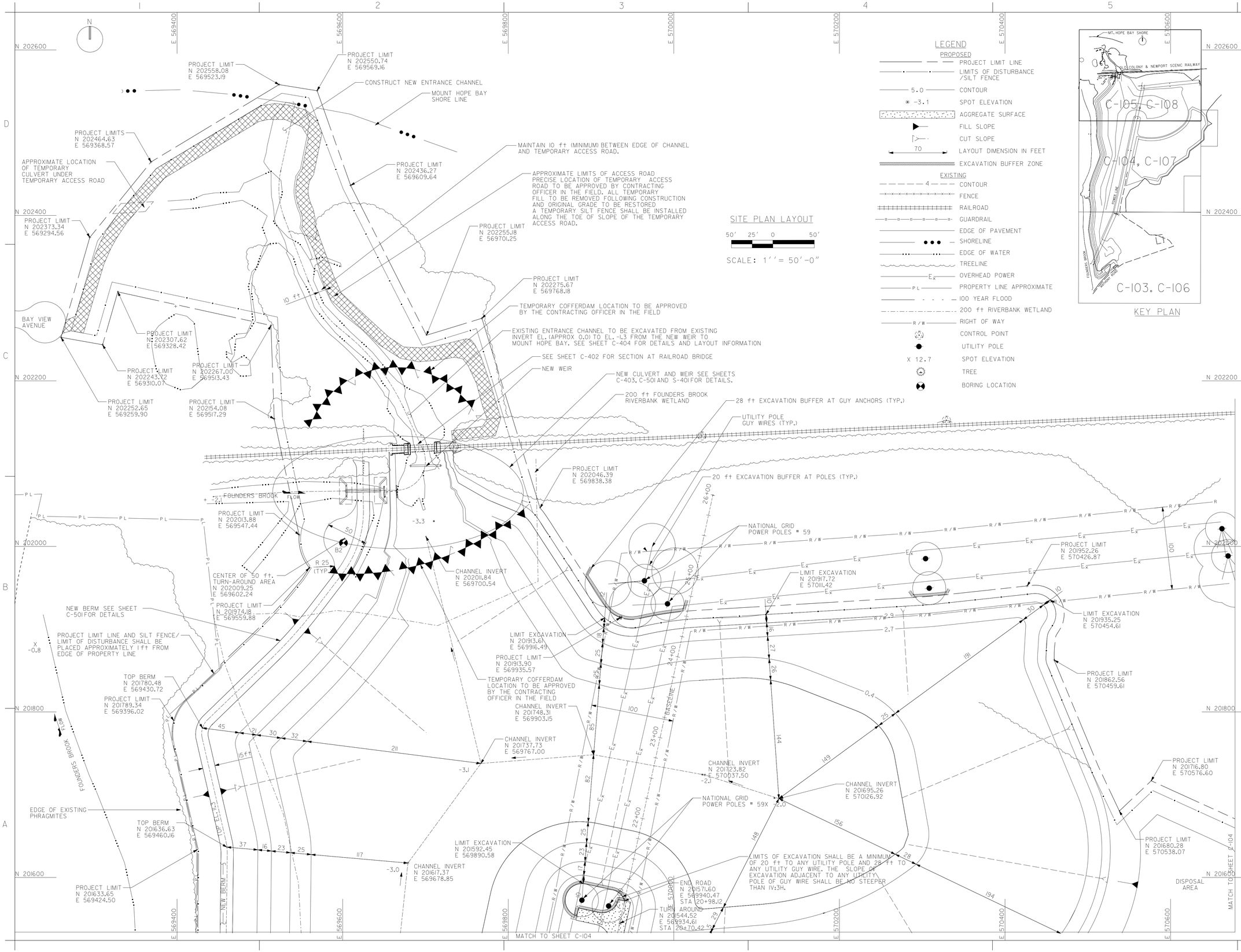

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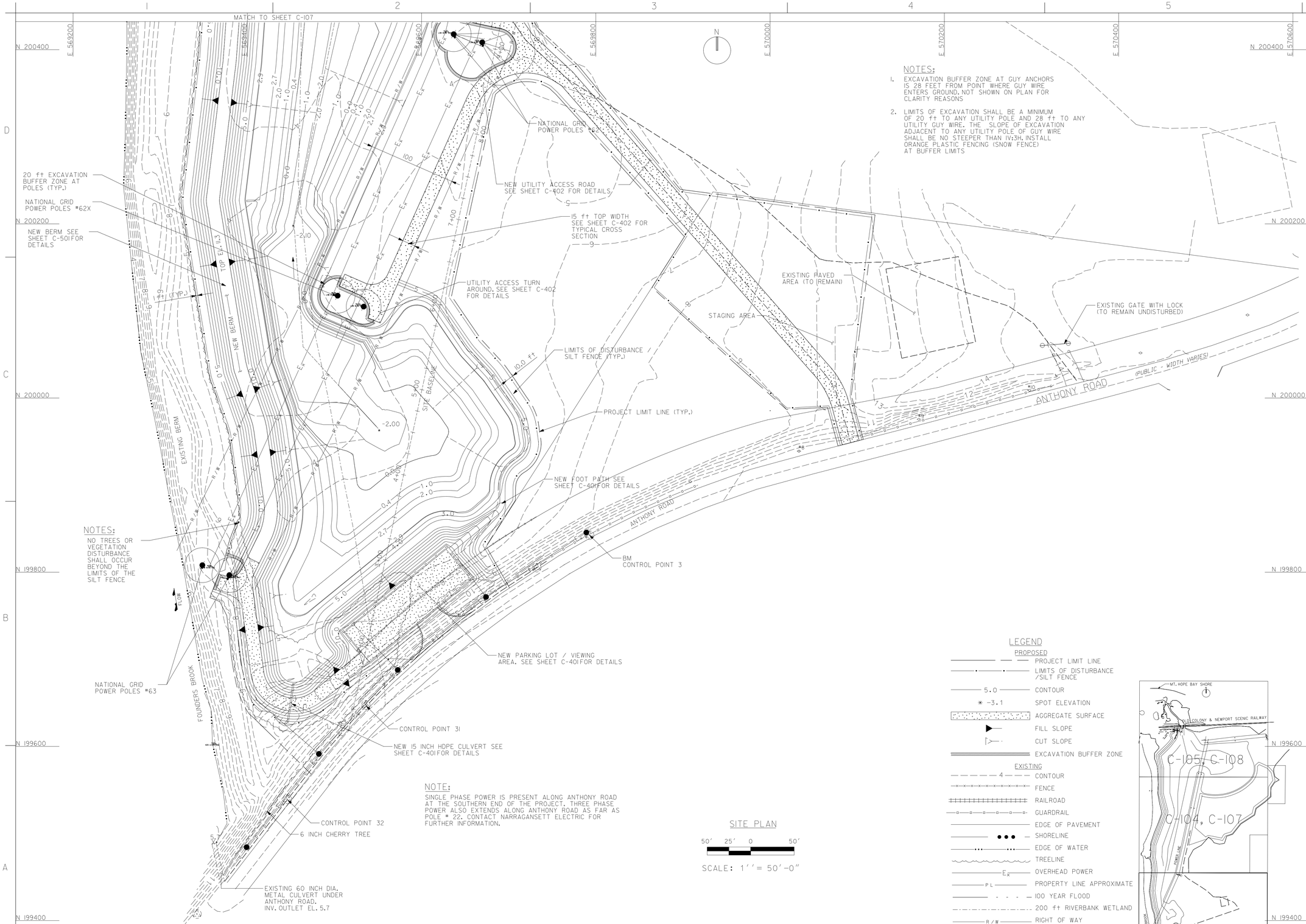

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Designed by: J.H. WEST
Drawn by: D.M. WEST
Checked by: E.B. SMALL
Reviewed by: J.W. TUCKER
Submitted by: J.W. TUCKER SENIOR PROJECT MANAGER

Date: 09/10/2004
Design File: R6370LL
Drawing Code: SP
File name: c106sp
Plot date: 09/10/2004
Plot scale: 1" = 50'
Rev.

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SECTION 1135 ENVIRONMENTAL RESTORATION
TOWN POND RESTORATION
PORTSMOUTH, RHODE ISLAND

SITE PLAN

Reference number:
C-106
Sheet 7 of 19

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MATCH TO SHEET C-108

INSTALL LIMITS OF DISTURBANCE SILT FENCE 1 ft INSIDE PROJECT LIMITS LINE.

PROJECT LIMIT LINE

EXISTING GOLF COURSE TEE

15 ft TOP WIDTH

NEW BERM

FOUNDERS BROOKS FLOW

CHANNEL INVERT

NEW BERM SEE SHEET C-501 FOR DETAILS

EDGE OF EXISTING PHRAGMITES

EXISTING GOLF COURSE TEE

(2) EXISTING METAL CULVERTS UNDER ROAD ELV -1.2

FLOW

NATIONAL GRID POWER POLES # 60

15 ft TOP WIDTH NEW UTILITY ACCESS ROAD. SEE SHEET C-402 FOR TYPICAL CROSS SECTION

UTILITY ACCESS ROAD TURN AROUND. SEE SHEET C-402 FOR DETAIL

CONSTRUCT 15 ft WIDE GRAVEL RAMP AT AN APPROXIMATE 3% GRADE AS SHOWN. MAXIMUM GRADE SHALL BE 5% GRADE CONTINUE RAMP 50 ft BEYOND ELEV. 13.0

ALL DISPOSAL AREA SIDE SLOPES SHALL BE 1V:3H

20 ft EXCAVATION BUFFER ZONE AT POLES (TYP.)

NATIONAL GRID POWER POLES # 61

EXCAVATED MATERIAL DISPOSAL AREA. SEE SHEET C-501 FOR TYPICAL CROSS SECTION NOTE: ELEVATIONS SHOWN ARE MAXIMUM ACTUAL ELEVATIONS MAY BE LOWER

RIDGE LINE ALONG DISPOSAL AREA

LIMITS OF DISTURBANCE/ SILT FENCE TO BE PLACE 10 ft FROM PROJECT LIMIT LINE

NOTE:

LIMITS OF EXCAVATION SHALL BE A MINIMUM OF 20 ft TO ANY UTILITY POLE AND 28 ft TO ANY UTILITY GUY WIRE. THE SLOPE OF EXCAVATION ADJACENT TO ANY UTILITY POLE OF GUY WIRE SHALL BE NO STEEPER THAN 1V:3H. INSTALL ORANGE PLASTIC FENCING (SNOW FENCE) AT BUFFER LIMITS

MATCH TO BELOW

MATCH TO ABOVE

MATCH TO SHEET C-106

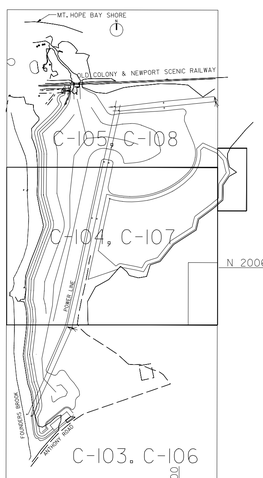
SITE PLAN

50' 25' 0 50'

SCALE: 1'' = 50'-0"

LEGEND

PROPOSED	EXISTING
PROJECT LIMIT LINE	CONTOUR
LIMITS OF DISTURBANCE /SILT FENCE	FENCE
CONTOUR	RAILROAD
SPOT ELEVATION	GUARDRAIL
AGGREGATE SURFACE	EDGE OF PAVEMENT
FILL SLOPE	SHORELINE
CUT SLOPE	EDGE OF WATER
EXCAVATION BUFFER ZONE	TREELINE
	OVERHEAD POWER
	PROPERTY LINE APPROXIMATE
	100 YEAR FLOOD
	200 ft RIVERBANK WETLAND
	RIGHT OF WAY
	CONTROL POINT
	UTILITY POLE
	SPOT ELEVATION
	BORING LOCATION



KEY PLAN

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Designed by: J.H. WEST
Drawn by: D. MAY
Reviewed by: E.B. SMALL
Submitted by: J.W. TUCKER
J.W. TUCKER, SENIOR PROJECT MANAGER

Date: 09/10/2004
Design File: R6707LL
Drawing Code: SP
File name: c-07sp
Plot date: 09/10/2004
Plot scale: 1" = 50'
Rev.

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WATER RESOURCES DEVELOPMENT PROJECT
SECTION 1135 ENVIRONMENTAL RESTORATION
TOWN POND RESTORATION
PORTSMOUTH, RHODE ISLAND

SITE PLAN

Reference number:
C-107

Sheet 8 of 19

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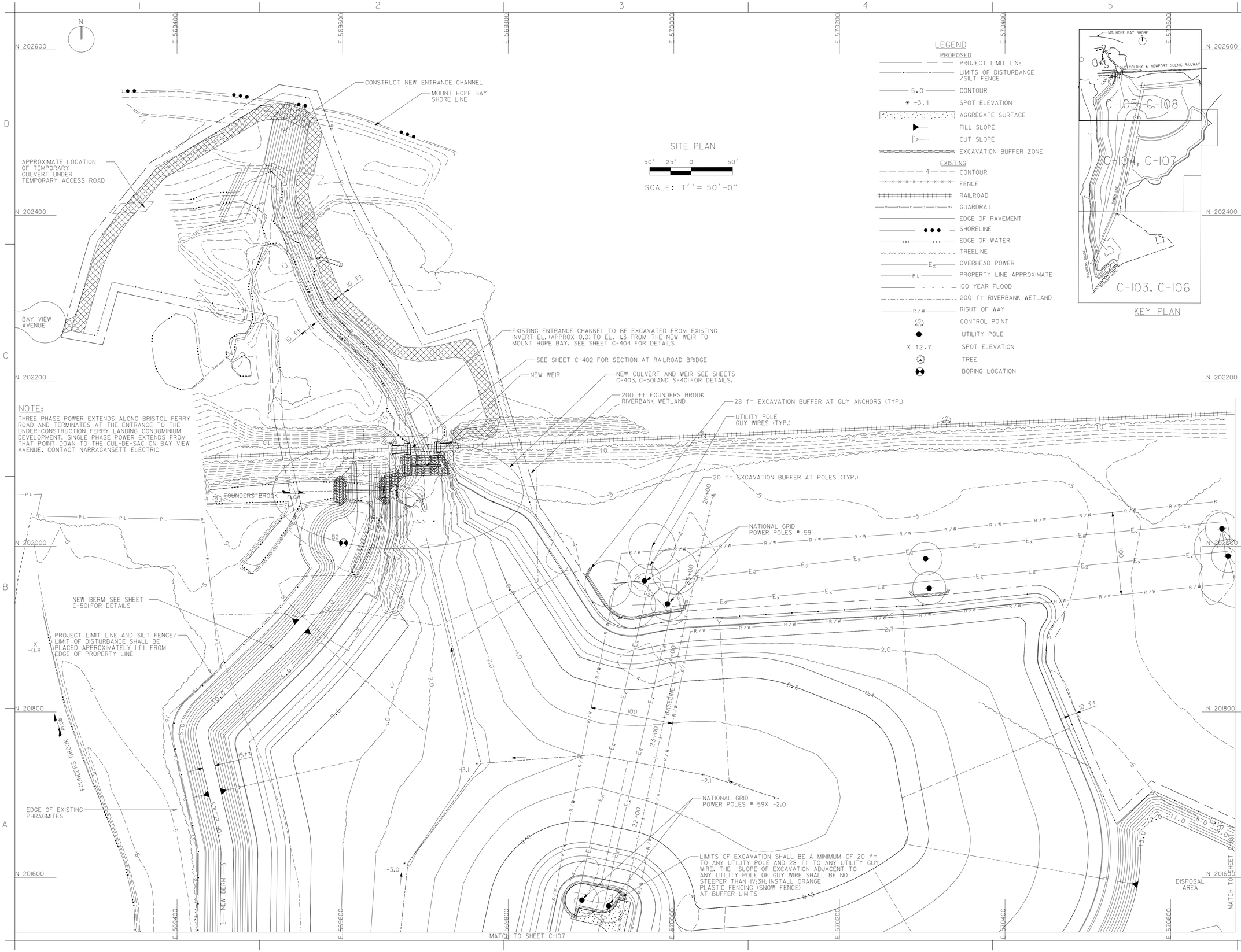

NOTE:

THREE PHASE POWER EXTENDS ALONG BRISTOL FERRY ROAD AND TERMINATES AT THE ENTRANCE TO THE UNDER-CONSTRUCTION FERRY LANDING CONDOMINIUM DEVELOPMENT. SINGLE PHASE POWER EXTENDS FROM THAT POINT DOWN TO THE CUL-DE-SAC ON BAY VIEW AVENUE. CONTACT NARRAGANSETT ELECTRIC

SITE PLAN

50' 25' 0 50'

SCALE: 1'' = 50'-0"

LEGEND

PROPOSED

- PROJECT LIMIT LINE
- LIMITS OF DISTURBANCE /SILT FENCE
- 5.0 CONTOUR
- * -3.1 SPOT ELEVATION
- AGGREGATE SURFACE
- FILL SLOPE
- CUT SLOPE
- EXCAVATION BUFFER ZONE

EXISTING

- 4 CONTOUR
- FENCE
- RAILROAD
- GUARDRAIL
- EDGE OF PAVEMENT
- SHORELINE
- EDGE OF WATER
- TREELINE
- Ex OVERHEAD POWER
- PL PROPERTY LINE APPROXIMATE
- 100 YEAR FLOOD
- 200 ft RIVERBANK WETLAND
- R/W RIGHT OF WAY
- CONTROL POINT
- UTILITY POLE
- X 12.7 SPOT ELEVATION
- TREE
- BORING LOCATION

KEY PLAN

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Designed by: J.H. WEST
Drawn by: D. Miles
Reviewed by: E.B. SMALL
Submitted by: J.W. TUCKER
Date: 09/01/2004
Drawing File: R6370LL
Drawing Code: SP
File name: c-108sp
Plot date: 09/01/2004
Plot scale: 1" = 50'
Rev.

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WATER RESOURCES DEVELOPMENT PROJECT
SECTION 1135 ENVIRONMENTAL RESTORATION
TOWN POND RESTORATION
PORTSMOUTH, RHODE ISLAND

SITE PLAN

Reference number:
C-108

Sheet 9 of 19

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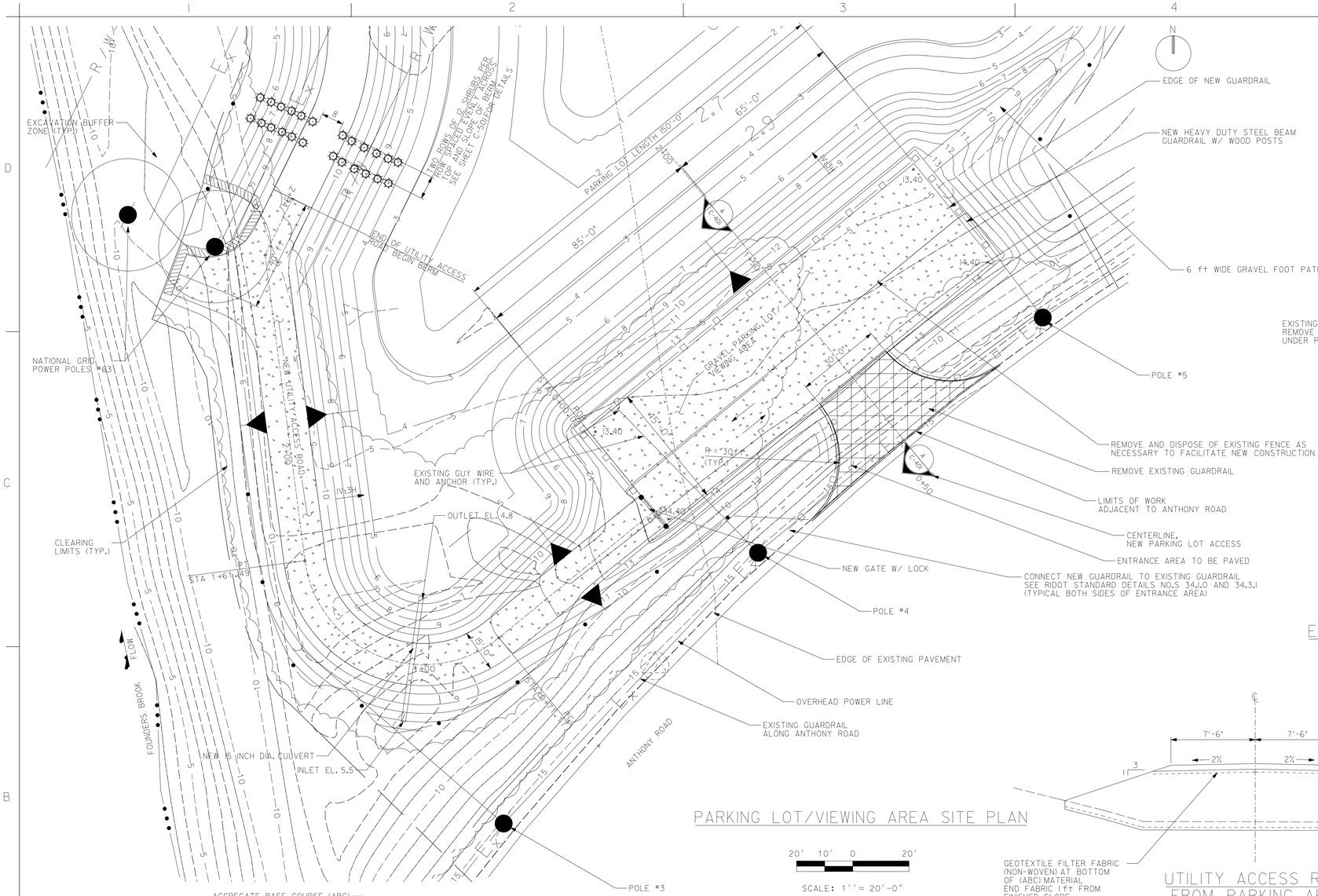


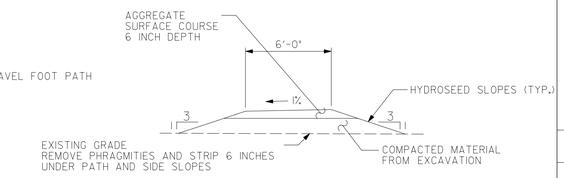
PARKING LOT/VIEWING AREA SITE PLAN

20' 10' 0 20'

SCALE: 1'' = 20'-0"

NOTES:

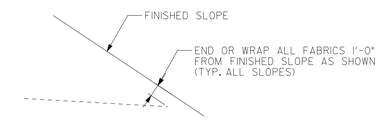
1. GUY WIRES AND ANCHORS FOR POLES #4 AND #5 SHALL BE RELOCATED BY THE POWER CO.. THE CONTRACTOR SHALL COORDINATE THE RELOCATIONS WITH THE POWER CO. TO CONFIRM REQUIRED CLEARANCES AND OTHER RELOCATION REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE RELOCATIONS
2. ALL WORK WITHIN THE STATE RIGHT-OF-WAY SHALL CONFORM TO THE PROCEDURES AND SPECIFICATIONS DELINEATED IN THE STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS, DEPARTMENT OF TRANSPORTATION, DIVISION OF PUBLIC WORKS, STANDARDS AND SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND STANDARD DETAILS



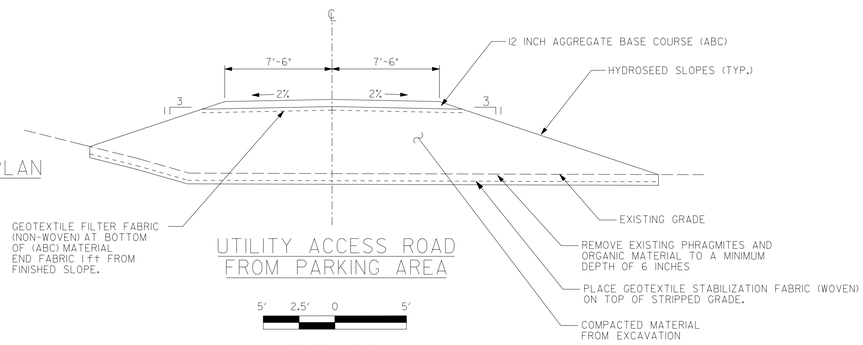
FOOT PATH DETAIL

5' 2.5' 0 5'

SCALE: 1'' = 5'-0"



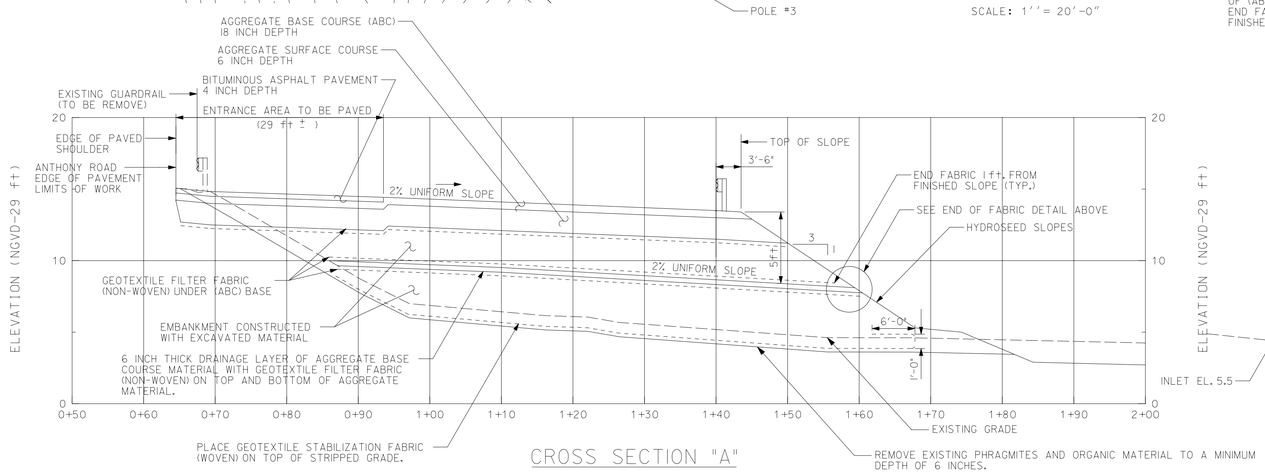
END OF FABRIC DETAIL



UTILITY ACCESS ROAD FROM PARKING AREA

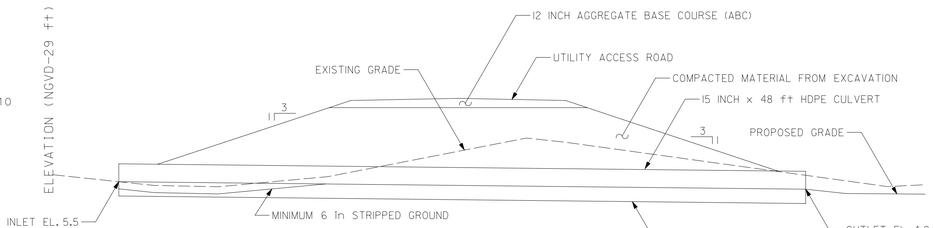
5' 2.5' 0 5'

SCALE: 1''= 5'-0"



CROSS SECTION "A"

1" = 10' HORZ.
1" = 5' VERT.



15-inch HDPE CULVERT SECTION STA. 1+04.35

5' 2.5' 0 5'

SCALE: 1''= 5'-0"

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Description	Date	Appr.

Designed by: J. WEST
Drawn by: D. CHAPPELL
E. B. SMALL
Reviewed by: J. M. TUCKER
Submitted by: J. M. TUCKER
SENIOR PROJECT MANAGER

Date: 09/01/2004
Design File: R6170TL
Drawing Code: SP
File name: c-401sp
Plot date: 09/01/2004
Plot scale: 1" = 20'
Rev.

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WATER RESOURCES DEVELOPMENT PROJECT
SECTION 1135 ENVIRONMENTAL RESTORATION
TOWN POND RESTORATION
PORTSMOUTH, RHODE ISLAND

PARKING LOT SITE PLAN

Reference number:
C-401

Sheet 10 of 19

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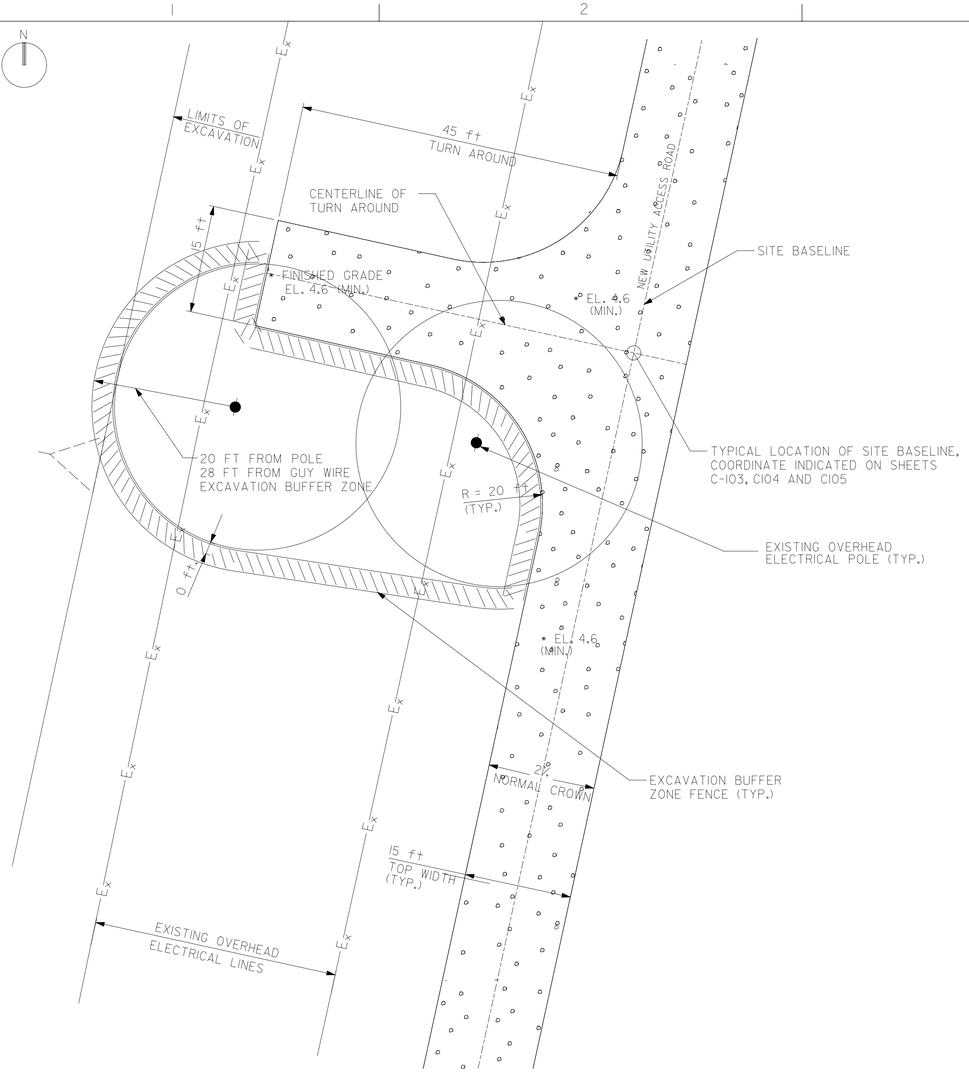
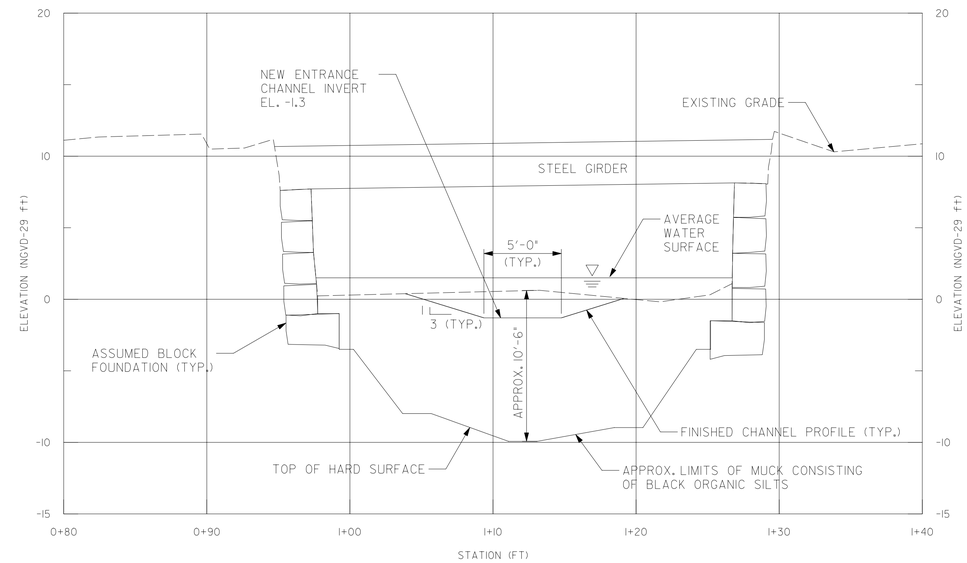


UTILITY ACCESS ROAD TURN AROUND PLAN

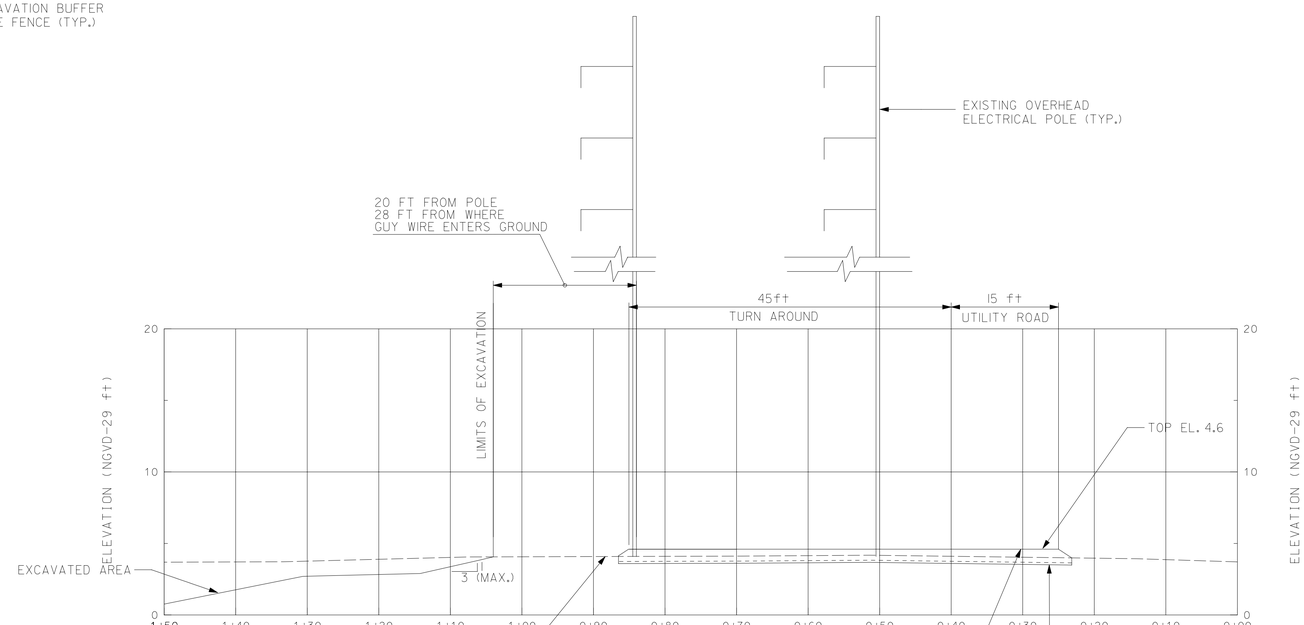
10' 5' 0 10'

SCALE: 1"= 10'-0"



TYPICAL CROSS SECTION AT RAILROAD BRIDGE

SCALE: 1" = 5'



TYPICAL CROSS SECTION

1" = 10' HORZ.
1" = 5' VERT.

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Designed by: J.N. WEST
Drawn by: E.B. SMALL
Reviewed by: J.W. TUCKER
Submitted by: J.W. TUCKER, SENIOR PROJECT MANAGER

Date: 09/01/2004
Design File: R6370LL
Drawing Code: SP
File name: c-402sp
Plot date: 09/01/2004
Plot scale: 1" = 10'

Rev.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

DuBois & King inc.
engineering planning management development

WATER RESOURCES DEVELOPMENT PROJECT
SECTION 1135 ENVIRONMENTAL RESTORATION
TOWN POND RESTORATION
PORTSMOUTH, RHODE ISLAND

UTILITY ACCESS ROAD AND TURN AROUND DETAILS

Reference number:
C-402

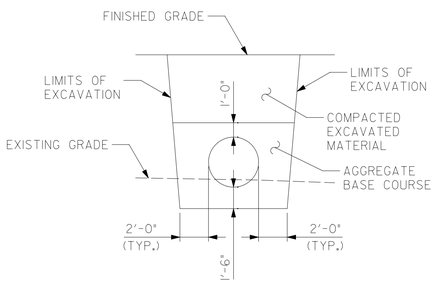
Sheet 11 of 19

...\R11\TownPond\Mods\c-402sp.s11 05/03/2005 09:23:48 AM

NEW CULVERT AND WEIR PLAN

10' 5' 0 10'

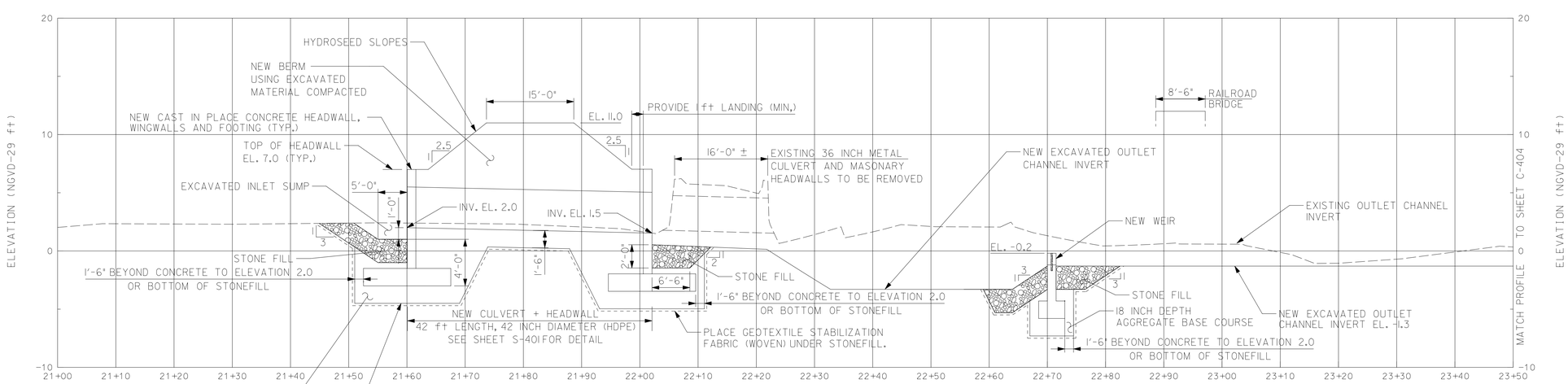
SCALE: 1" = 10'-0"



NEW CULVERT TYPICAL SECTION

5' 0 5'

SCALE: 1" = 5'-0"



PROFILE

1" = 10'-0" HORZ.
1" = 5'-0" VERT.

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Designed by: J. WEST
Drawn by: D. Miles
E. B. SMALL
Reviewed by: J. W. TUCKER
Submitted by: J. W. TUCKER SENIOR PROJECT MANAGER

Date: 09/10/2004
Design File: R6370.11
Drawing Code: SP
File name: c-403sp
Plot date: 09/10/2004
Plot scale: 1" = 10'

Rev.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

DuBois & King engineering planning management development

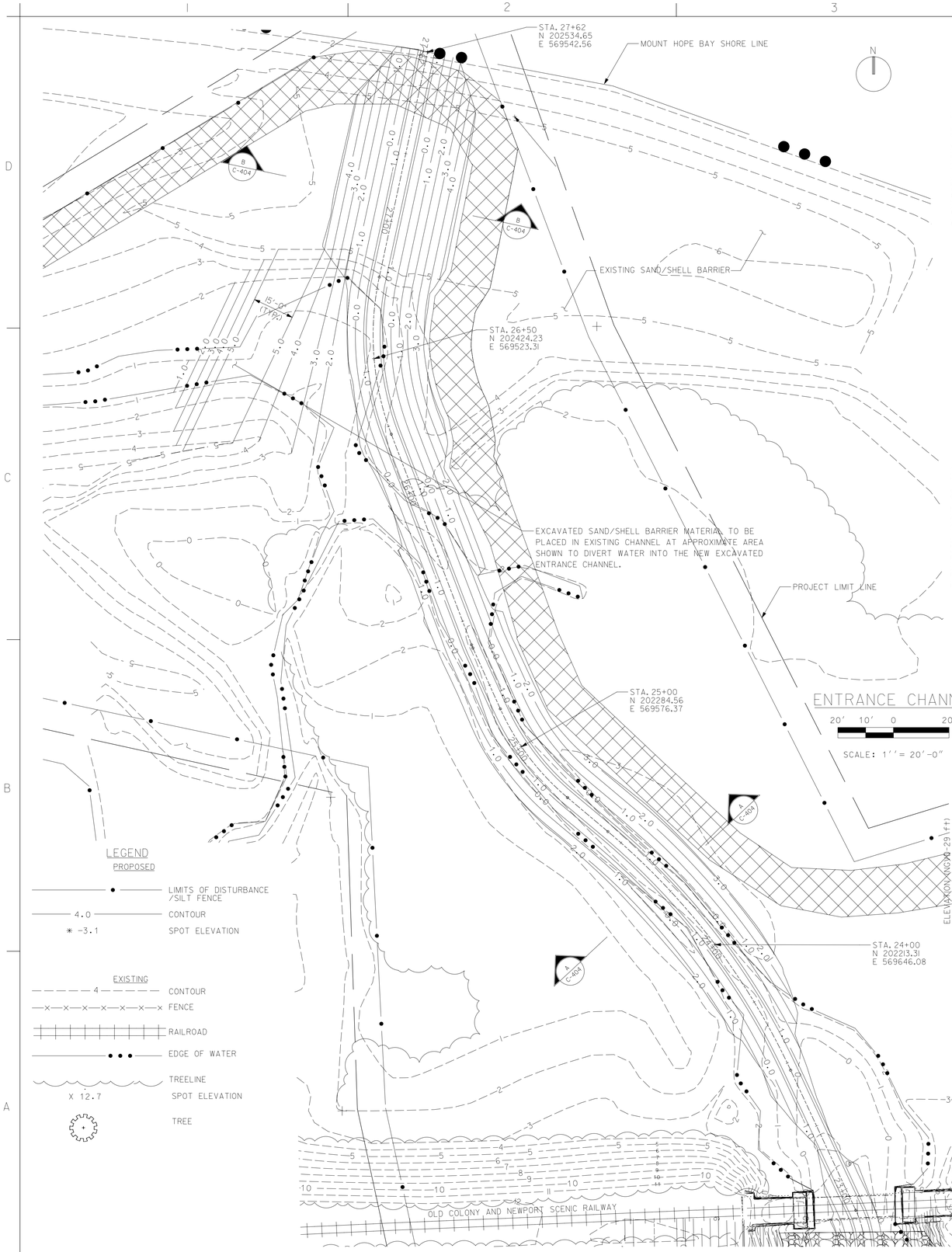
WATER RESOURCES DEVELOPMENT PROJECT
SECTION 1135 ENVIRONMENTAL RESTORATION
TOWN POND RESTORATION
PORTSMOUTH, RHODE ISLAND

CULVERT AND WEIR PLAN AND PROFILE

Reference number:
C-403

Sheet 12 of 19

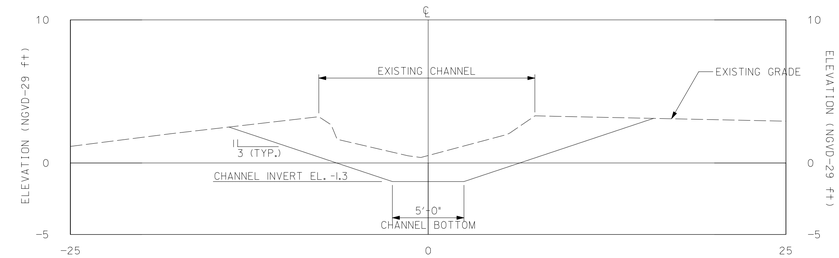
...\Rt1\TownPond\Mods\c-403sp.s12 05/03/2005 09:24:37 AM



ENTRANCE CHANNEL

20' 10' 0 20'

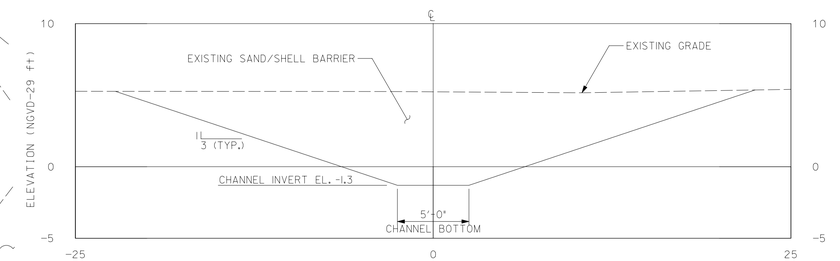
SCALE: 1'' = 20'-0"



ENTRANCE CHANNEL IMPROVEMENT
TYPICAL CROSS SECTION A

5' 2.5' 0 5'

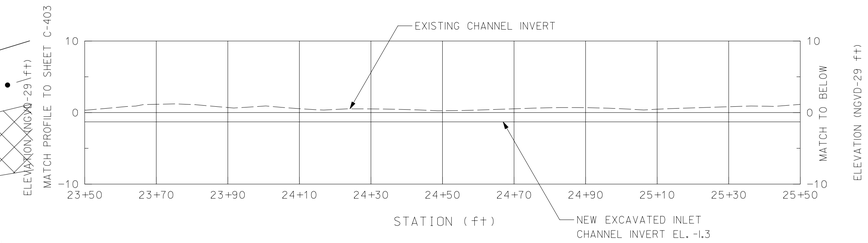
SCALE: 1'= 5'-0"

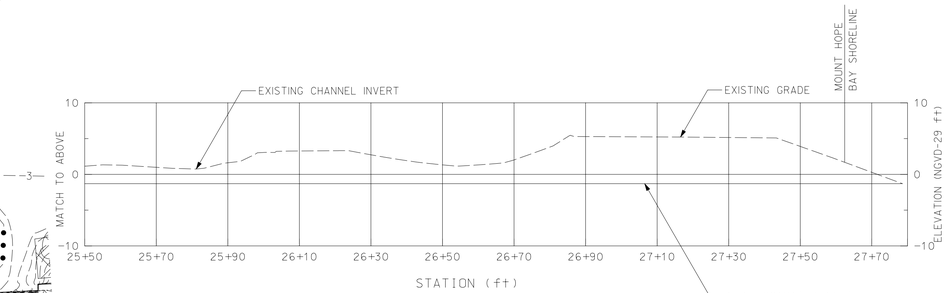


ENTRANCE CHANNEL IMPROVEMENT
TYPICAL CROSS SECTION B

5' 2.5' 0 5'

SCALE: 1'= 5'-0"





ENTRANCE CHANNEL PROFILE

1" = 20' HORZ.
1" = 10' VERT.

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Designed by: N. WEST
Drawn by: D. MEST
Reviewed by: E. B. SMALL
Submitted by: J. W. TUCKER
J. W. TUCKER SENIOR PROJECT MANAGER

Date: 09/01/2004
Design File: R6370LL
Drawing Code: SP
File name: c-404sp
Plot date: 09/01/2004
Plot scale: 1" = 20'

Rev.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

DuBois King engineering planning management development

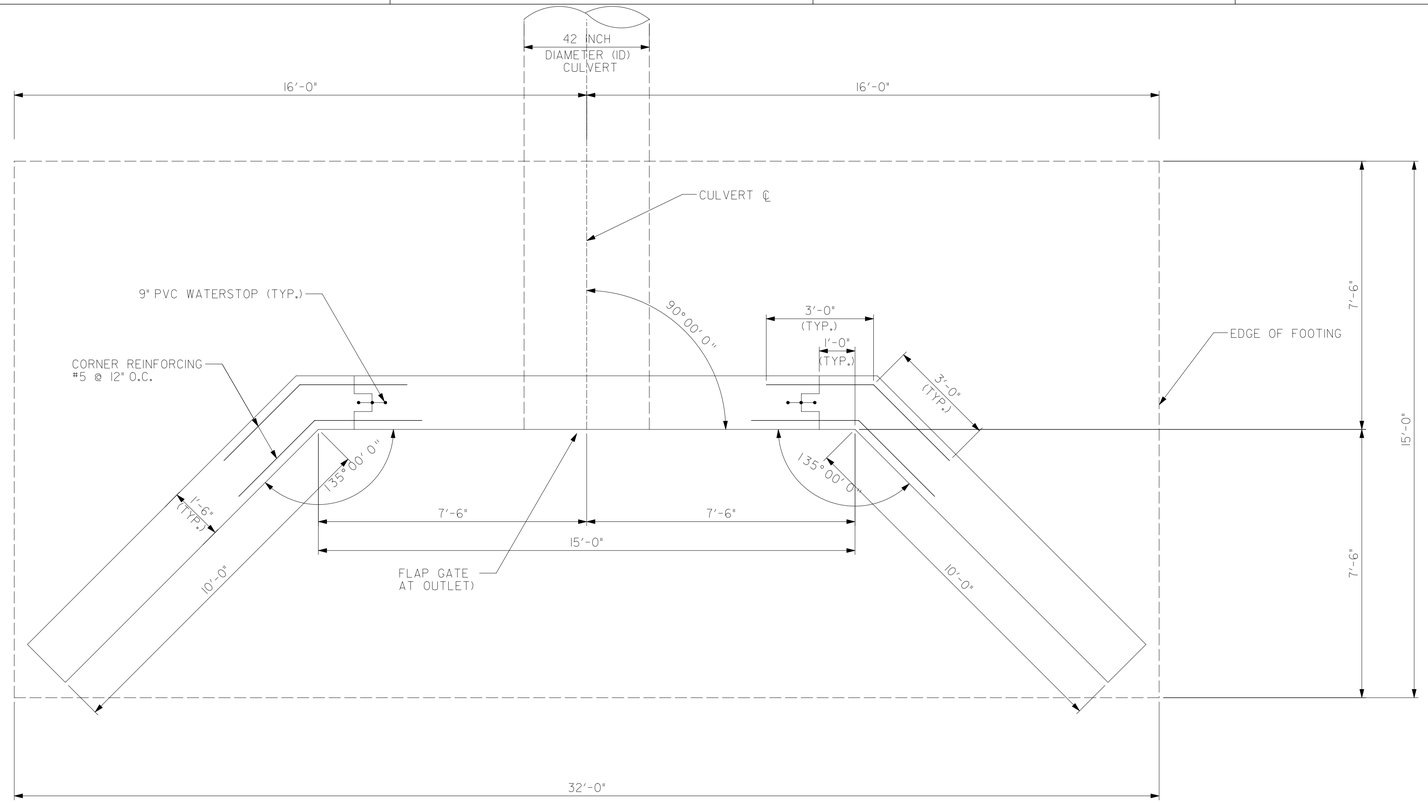
WATER RESOURCES DEVELOPMENT PROJECT
SECTION 1135 ENVIRONMENTAL RESTORATION
TOWN POND RESTORATION
PORTSMOUTH, RHODE ISLAND

ENTRANCE CHANNEL PLAN AND DETAILS

Reference number:
C-404

Sheet 13 of 19

...\Ri\TownPond\Mods\c-404sp.s13 05/03/2005 09:25:08 AM



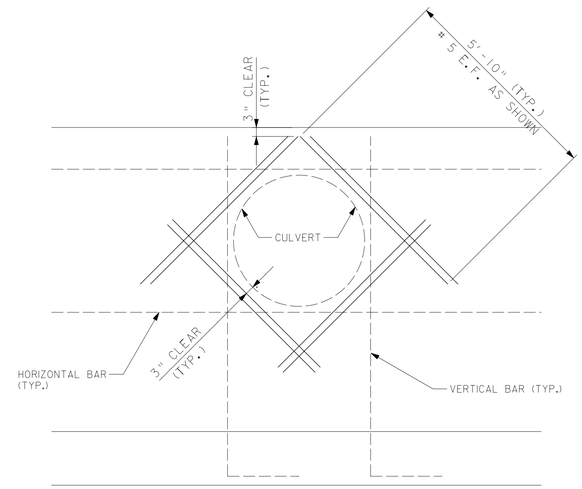
PLAN VIEW
TYPICAL AT INLET AND OUTLET

2' 1' 0 2'

SCALE: ½"= 1'-0"

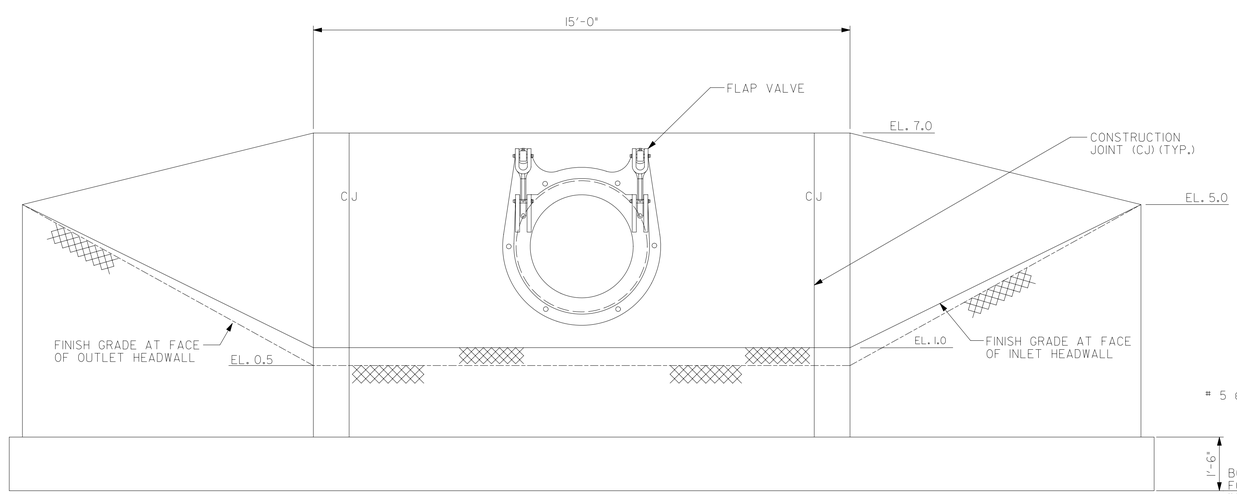
NOTES:

1. STRUCTURE FOOTINGS, HEADWALLS, AND WINGWALLS ARE CAST IN PLACE CONCRETE.
2. ALL REINFORCING STEEL SHALL BE EPOXY COATED.
3. CLEAR DISTANCE FOR ALL FACES OF CONCRETE TO THE EDGE OF REINFORCING SHALL BE 3 INCHES
4. PVC WATERSTOP SHALL BE WELDED TOGETHER TO CREATE A SEAMLESS SEAL. 9 INCH PVC WATERSTOP SHALL BE PLACED ALONG EACH CONSTRUCTION JOINT (VERTICAL AND HORIZONTAL)
5. ALL CONCRETE SHALL BE CHAMFERED 1INCH



THE CONTRACTOR SHALL PROVIDE ADDITIONAL REINFORCING BARS TO BE PLACED ALONG THE OUTSIDE EDGES (MAINTAINING 3 INCHES CLEAR) AT THE NEW CULVERT AS SHOWN

PENETRATION REINFORCING

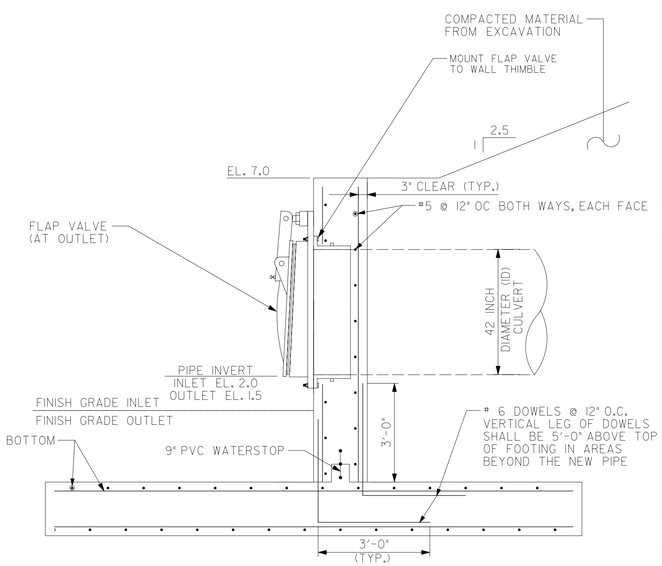


OUTLET ELEVATION VIEW

2' 1' 0 2'

SCALE: ½"= 1'-0"

INLET ELEVATION VIEW IS SIMILAR, EXCLUDING FLAP VALVE.



TYPICAL CROSS SECTION

2' 1' 0 2'

SCALE: ½"= 1'-0"

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Designed by: J.H. WEST
Drawn by: E.B. SMALL
Reviewed by: J.W. TUCKER
Submitted by: J.W. TUCKER, SENIOR PROJECT MANAGER

Date: 09/10/2004
Design Flex: R6707LL
Drawing Code: DT
File name: s-401dt
Plot date: 09/10/2004
Plot scale: ½" = 1'

Rev.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

DuBois & King inc.
engineering planning management

WATER RESOURCES DEVELOPMENT PROJECT
SECTION 1135 ENVIRONMENTAL RESTORATION
TOWN POND RESTORATION
PORTSMOUTH, RHODE ISLAND

CULVERT LAYOUT AND DETAILS

Reference number:
S-401
Sheet 14 of 19

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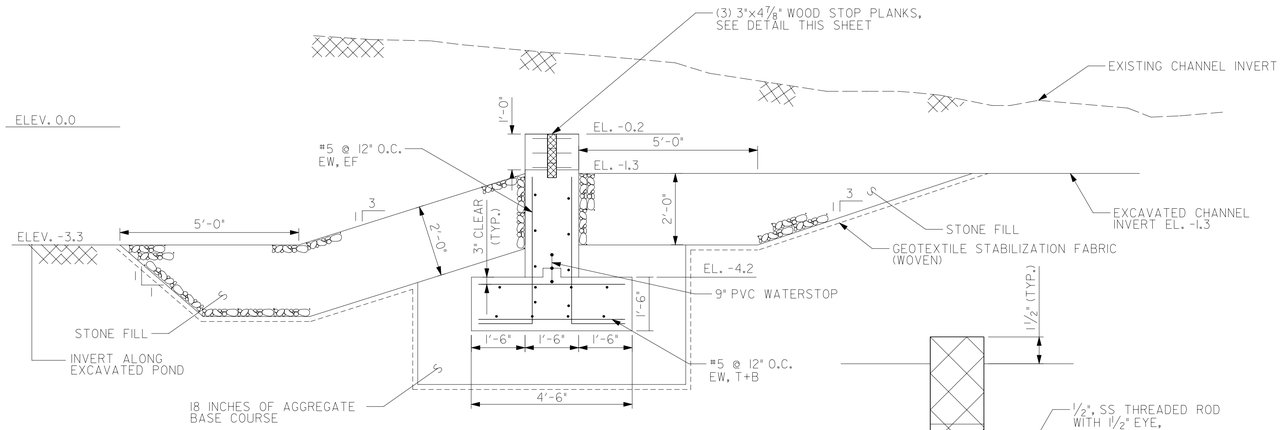
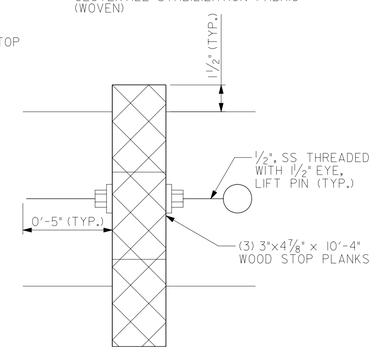


CONCRETE WEIR SECTION

2' 1' 0 2'

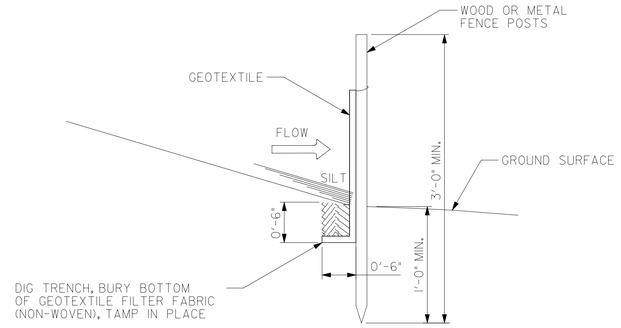
SCALE: ½"= 1'-0"



STOP PLANK SECTION

1' 6" 0 1'

SCALE: 3"= 1'-0"

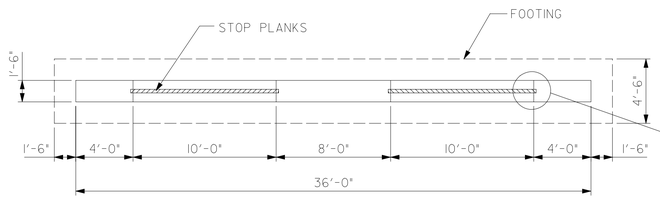


SILT FENCE DETAIL

N.T.S.

NOTES:

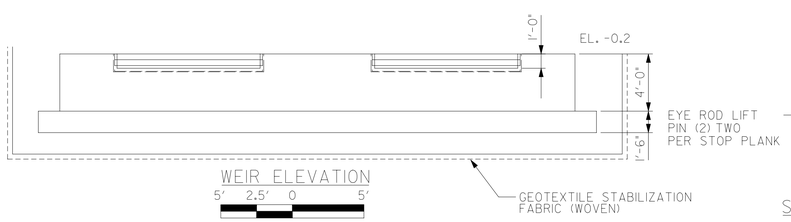
1. PLACE SILT FENCE AT LOCATIONS AS SHOWN ON THE PLAN.
2. SILT FENCE SHALL BE INSTALLED SO WATER CANNOT BYPASS THE ENDS OF THE BARRIER
3. INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE AS PROMPTLY AS POSSIBLE.



WEIR PLAN

5' 2.5' 0 5'

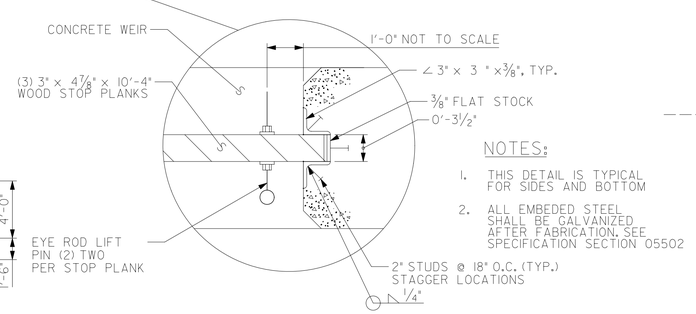
SCALE: 1"= 5'-0"



WEIR ELEVATION

5' 2.5' 0 5'

SCALE: 1"= 5'-0"



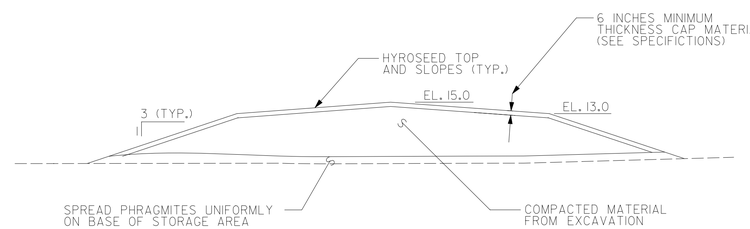
NOTES:

1. THIS DETAIL IS TYPICAL FOR SIDES AND BOTTOM
2. ALL EMBEDED STEEL SHALL BE GALVANIZED AFTER FABRICATION. SEE SPECIFICATION SECTION 05502

STOP PLANK CHANNEL DETAIL

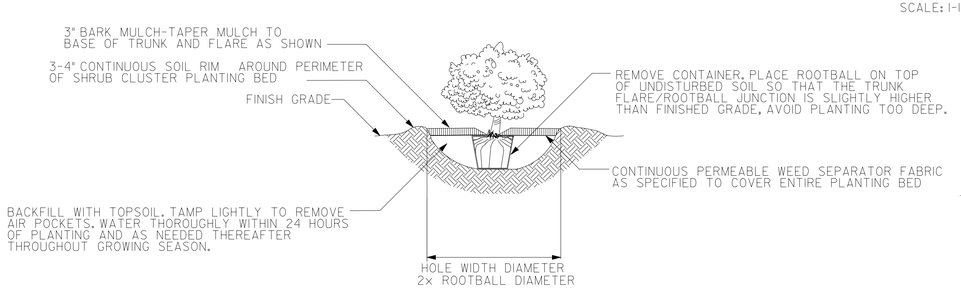
1' 6" 0 1'

SCALE: 1-1/2"= 1'-0"



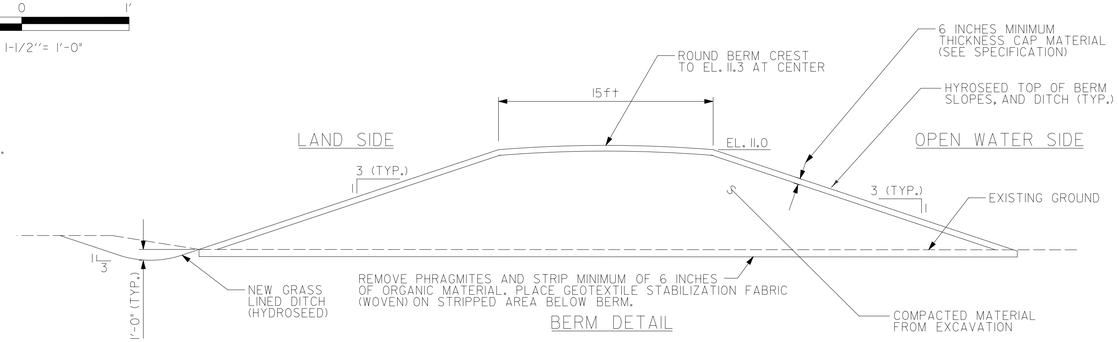
TYPICAL SECTION DISPOSAL AREA

N.T.S.



SWAMP ROSE

NOT TO SCALE



BERM DETAIL

5' 2.5' 0 5'

SCALE: 1"= 5'-0"

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Date: 09/10/2004
Design Flex
R6707LL
Drawing Code:
DT
File name: c-501dt
Plot date: 09/10/2004
Plot scale: 1" = 50'
Rev.

Designed by: J. WEST
Drawn by: E. B. SMALL
Reviewed by: J. W. TUCKER
Submitted by: J. W. TUCKER SENIOR PROJECT MANAGER

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

DuBois & King engineering planning management development

WATER RESOURCES DEVELOPMENT PROJECT
SECTION 1135 ENVIRONMENTAL RESTORATION
TOWN POND RESTORATION
PORTSMOUTH, RHODE ISLAND

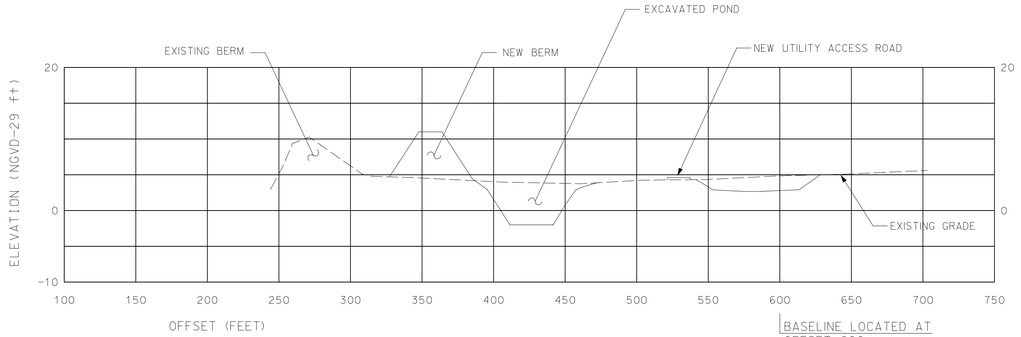
MISCELLANEOUS DETAILS

Reference number:
C-501
Sheet 15 of 19

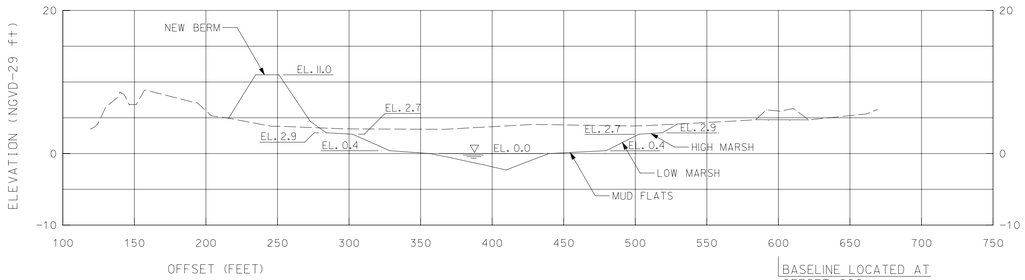
...\Rt\TownPond\Mods\C-501dt.s15 05/03/2005 09:26:21 AM

NOTE:

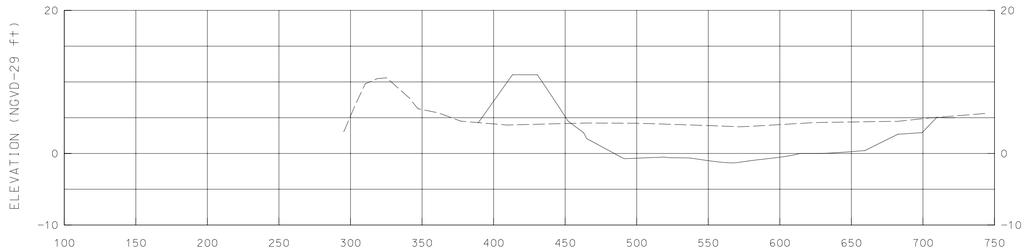
REFER TO "SITE LAYOUT AND TIE SHEET" AND "SITE LAYOUT" SHEETS FOR BASELINE LOCATIONS AND STATION LOCATIONS



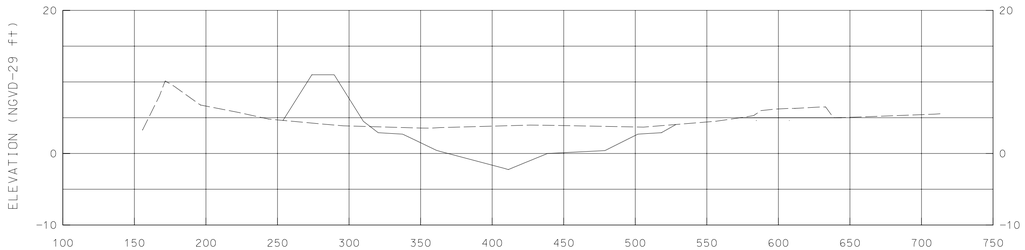
5+67



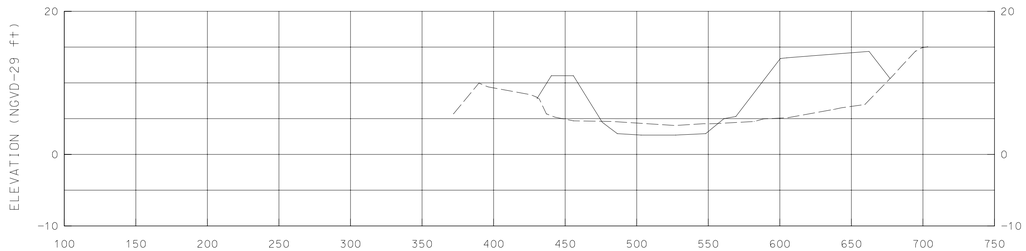
10+31



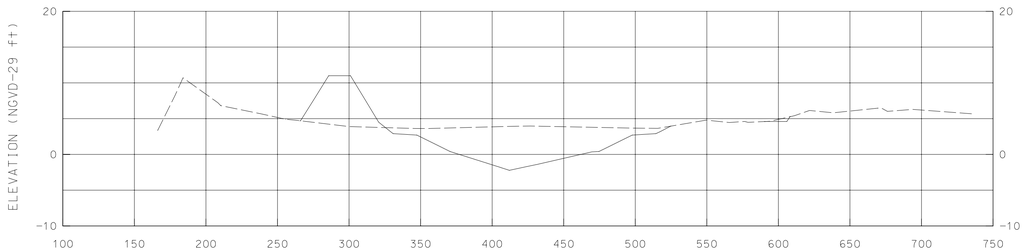
4+28



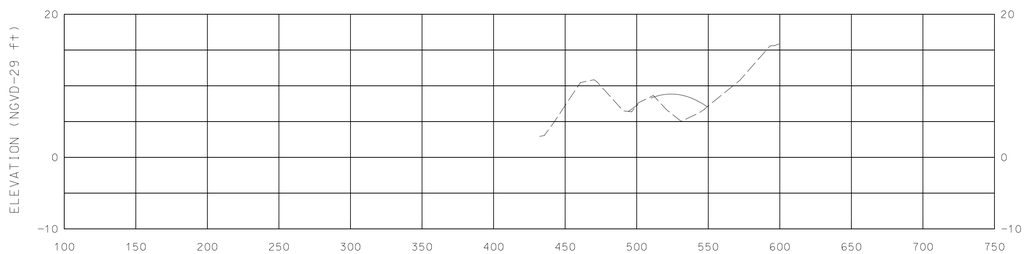
9+35



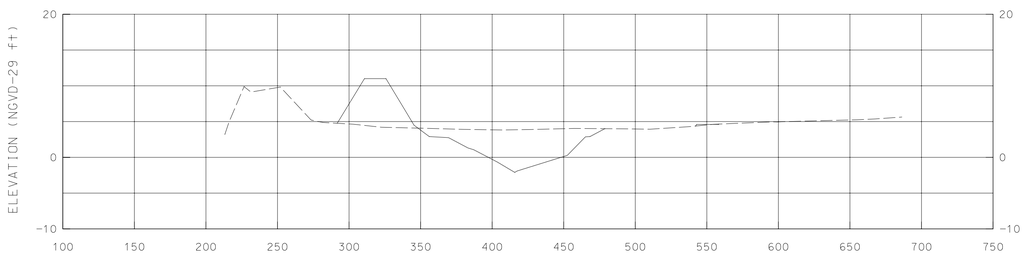
2+50



8+94



1+00



6+67

50' 25' 0 50'

HORT. SCALE: 1'' = 50'-0"

10' 0 5' 10'

VERT. SCALE: 1'' = 10'-0"

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Dates: 09/10/2004
Design Files: R6707LL
Drawing Codes: SC
File name: c-301s
Plot date: 09/10/2004
Plot scale: 1" = 50'

Rev.

Designed by: J. HUST
Drawn by: E. B. SMALL
Reviewed by: J. W. TUCKER
Submitted by: J. W. TUCKER, SENIOR PROJECT MANAGER

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

DuBois & King
engineering planning management development

WATER RESOURCES DEVELOPMENT PROJECT
SECTION 1135 ENVIRONMENTAL RESTORATION
TOWN POND RESTORATION
PORTSMOUTH, RHODE ISLAND

CROSS SECTIONS

Reference number:
C-301

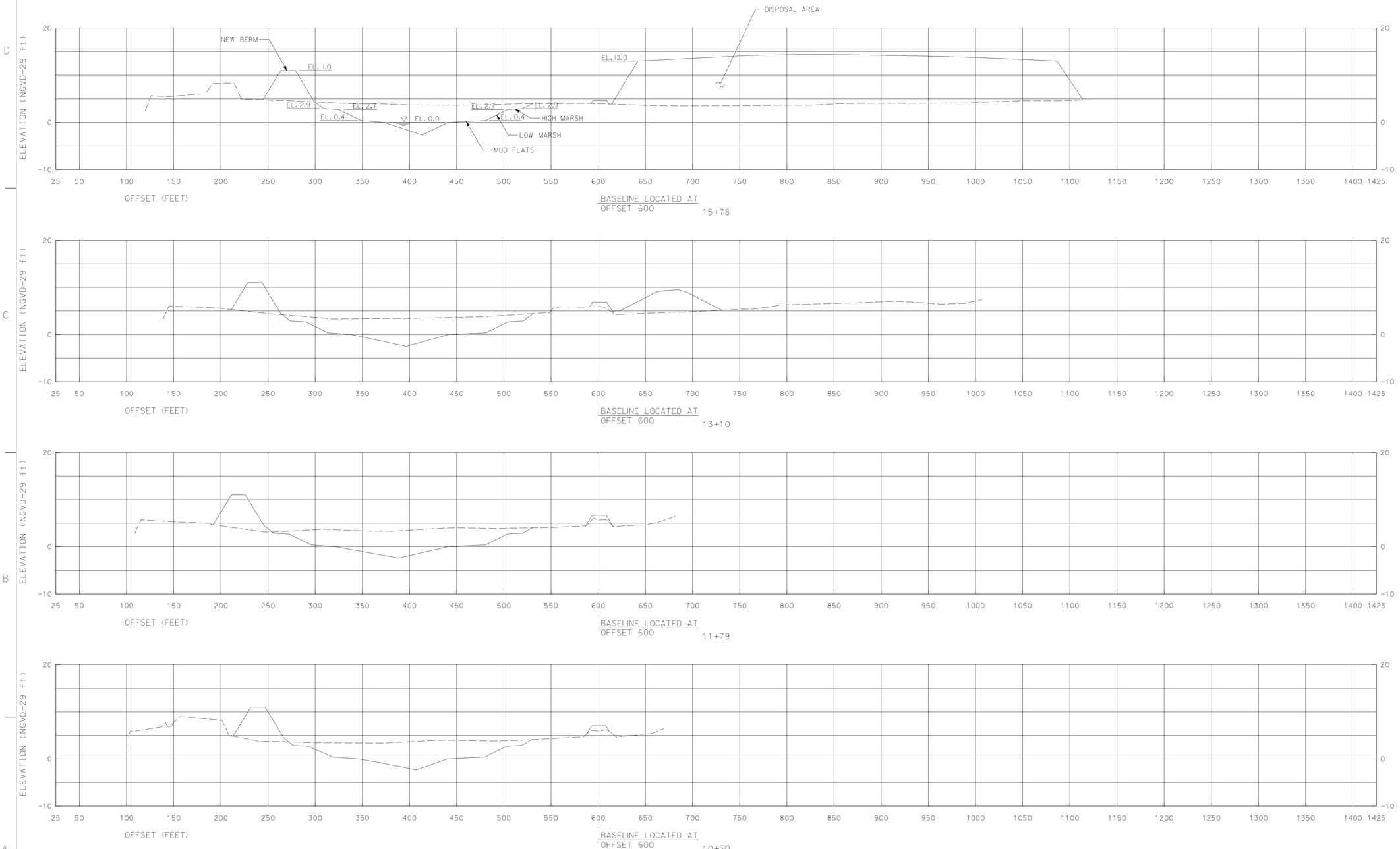
Sheet 16 of 19

...\Rfi\TownPond\Mods\c-301.s16 05/03/2005 09:27:01 AM

NOTE:

REFER TO "SITE LAYOUT AND TIE SHEET" AND "SITE LAYOUT" SHEETS FOR BASELINE LOCATIONS AND STATION LOCATIONS

US Army Corps of Engineers
New England District



Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Designed by: J.W. WEST	Date: 09/01/2004
Drawn by: E.B. SMALL	Design File: RR707LL
Reviewed by: J.W. TUCKER	Drawing Code: SC
Submitted by: J.W. TUCKER SENIOR PROJECT MANAGER	File name: c-30sec Plot date: 09/01/2004 Plot scale: 1" = 50'

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U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

WATER RESOURCES DEVELOPMENT PROJECT
SECTION 1135 ENVIRONMENTAL RESTORATION
TOWN POND RESTORATION
PORTSMOUTH, RHODE ISLAND

CROSS SECTIONS

50' 25' 0 50'
HORT. SCALE: 1'' = 50'-0"

10 0 5 10
VERT. SCALE: 1'' = 10'-0"

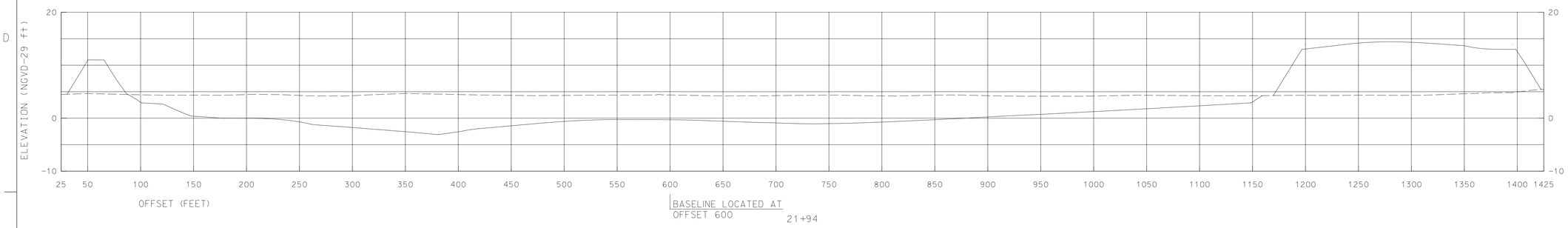
Reference number:
C-302

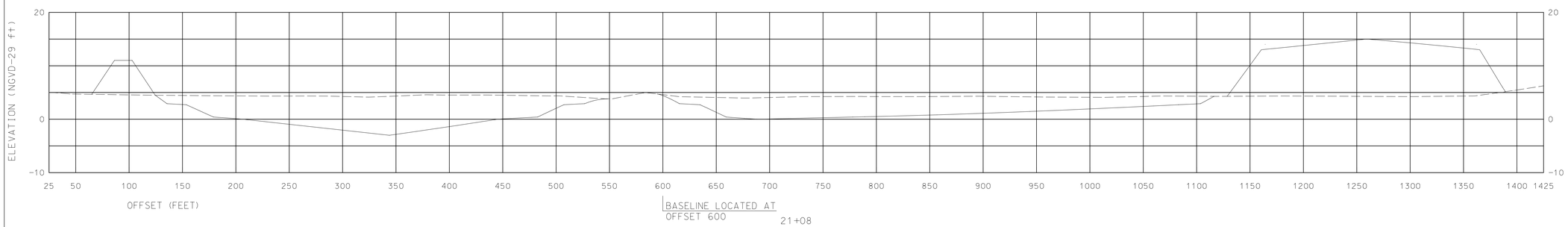
Sheet 17 of 19

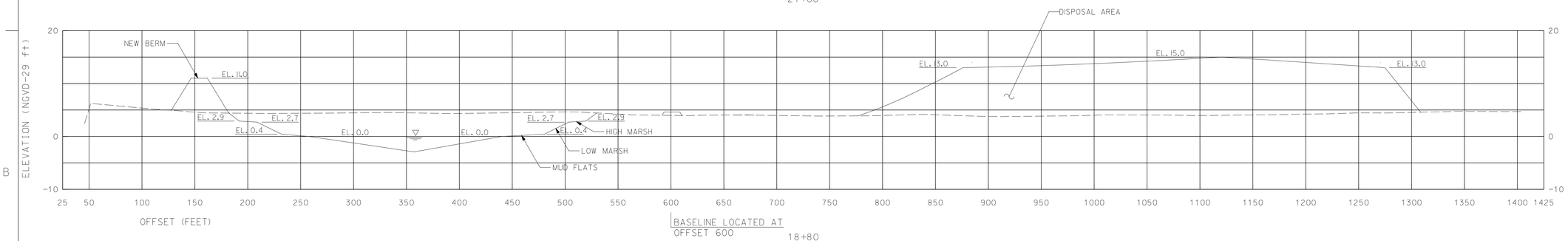
...\RI\TownPond\Mods\c-302.s17 05/03/2005 09:27:29 AM

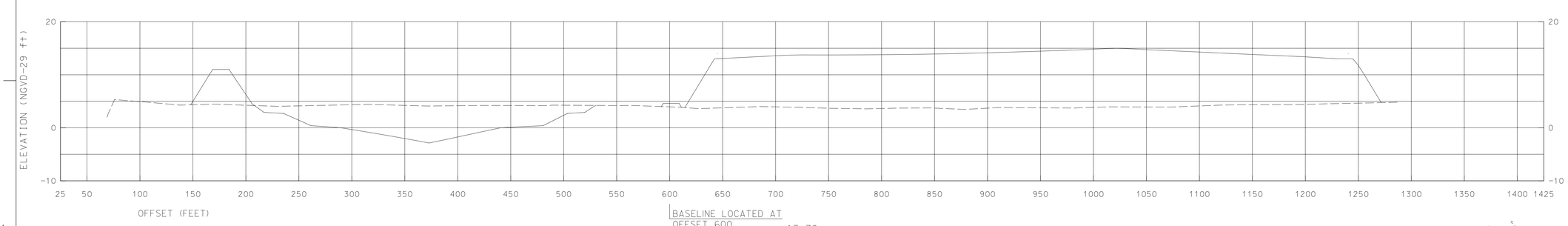
NOTE:

REFER TO "SITE LAYOUT AND TIE SHEET" AND "SITE LAYOUT" SHEETS FOR BASELINE LOCATIONS AND STATION LOCATIONS









HORT. SCALE: 1'' = 50'-0"

VERT. SCALE: 1'' = 10'-0"

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Date: Apr/01/2004
Design File: RR70TLL
Drawing Code: SC
File name: c-30sec
Plot date: 09/01/2004
Plot scale: 1" = 50'

Designed by: J.W. WEST
Drawn by: E.B. SMALL
Reviewed by: J.W. TUCKER
Submitted by: J.W. TUCKER SENIOR PROJECT MANAGER

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

DuBois & King inc. engineering planning management development

WATER RESOURCES DEVELOPMENT PROJECT
SECTION 1135 ENVIRONMENTAL RESTORATION
TOWN POND RESTORATION
PORTSMOUTH, RHODE ISLAND

CROSS SECTIONS

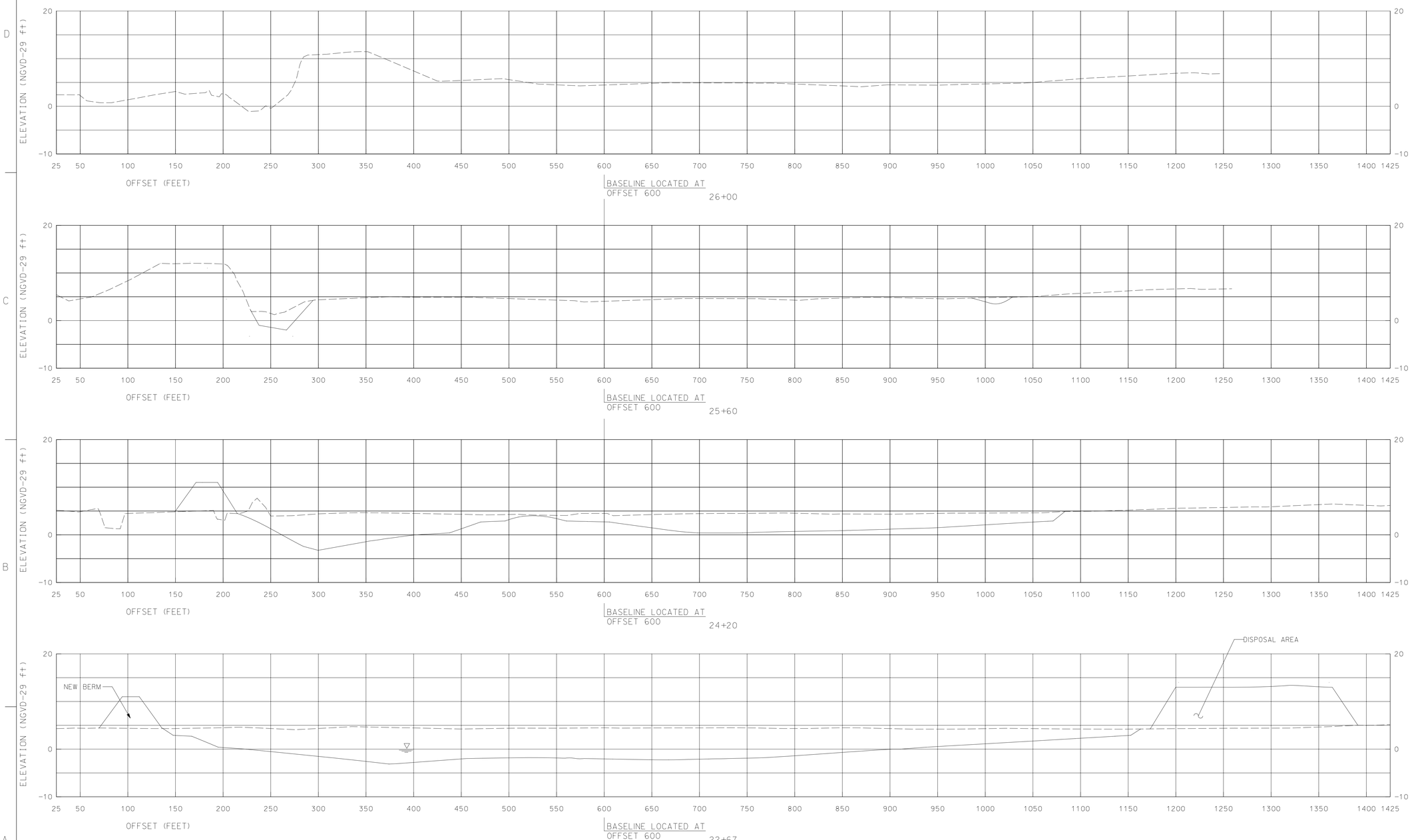
Reference number:
C-303

Sheet 18 of 19

...\RI\TownPond\Mods\c-303.s18 05/03/2005 09:27:54 AM

NOTE:

REFER TO "SITE LAYOUT AND TIE SHEET" AND "SITE LAYOUT" SHEETS FOR BASELINE LOCATIONS AND STATION LOCATIONS



HORT. SCALE: 1''= 50'-0"

VERT. SCALE: 1''= 10'-0"

US Army Corps of Engineers
New England District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

Date: 09/01/2004
Design File: RR707LL
Drawing Code: SC
File name: c-30sec
Plot date: 09/01/2004
Plot scale: 1" = 50'

Designed by: J.W. WEST
Drawn by: E.B. SMALL
Reviewed by: J.W. TUCKER
Submitted by: J.W. TUCKER
SENIOR PROJECT MANAGER

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

DuBois & King inc
explore/inq planning design/assist development

WATER RESOURCES DEVELOPMENT PROJECT
SECTION 1135 ENVIRONMENTAL RESTORATION
TOWN POND RESTORATION
PORTSMOUTH, RHODE ISLAND

CROSS SECTIONS

Reference number:
C-304

Sheet 19 of 19

...\RR\TownPond\Mods\c-304.s19 05/03/2005 09:28:24 AM

NOTES:

(a) EXCEPTING UNITS 2A THROUGH 2F, ALL UNITS NOT PREVIOUSLY RECORDED MAY BE RECONFIGURED AND NEED NOT BE BUILT.

(b) SEE ACCOMPANYING ARCHITECTURAL PLANS FOR BUILDING DETAILS AND UNIT DIMENSIONS.

FIRST FLOOR ELEVATIONS

UNIT 2A	60.1'
UNIT 2B	62.1'
UNIT 2C	64.1'
UNIT 2D	64.1'
UNIT 2E	66.1'
UNIT 2F	68.1'

BUILDING 2 NOT TO SCALE

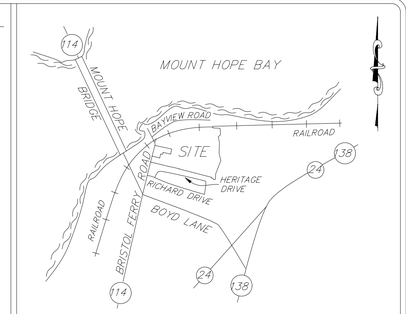
NOTES

1. THE FEE TITLE TO THE PORTION OF THE PROPERTY WHICH INCLUDES FOUNDERS BROOK AND THE AREA EASTERLY THEREOF, AND THE EXISTENCE OF EASEMENT OR FLOWAGE RIGHTS ALONG THE COURSE OF THE BROOK, IS UNKNOWN. THIS BOUNDARY MAY BE SUBJECT TO CHANGE DUE TO NATURAL CAUSES, AND IT MAY OR MAY NOT REPRESENT THE ACTUAL LOCATION OF THE LIMIT OF TITLE.
2. A PORTION OF THE SUBJECT PARCEL IS LOCATED IN ZONE A13 (SPECIAL FLOOD HAZARD AREA) AS SHOWN ON FLOOD INSURANCE RATE MAP OF PORTSMOUTH, RHODE ISLAND, COMMUNITY NUMBER 445405, PANEL NUMBER 0004–D, REVISED JUNE 13, 1992.
3. TOTAL CONDOMINIUM AREA IS 44.621* ACRES.
4. UNLESS NOTED, LAND AREA IS A COMMON ELEMENT.
5. THE PARCEL IS SUBJECT TO AN EASEMENT IN FAVOR OF VERIZON NEW ENGLAND, INC.; SEE BOOK 995 AT PAGE 77. THE PARCEL IS SUBJECT TO AN EASEMENT IN FAVOR OF THE NARRAGANSETT ELECTRIC COMPANY; SEE BOOK 1000 AT PAGE 92. THE LOCATION OF THE TELEPHONE AND ELECTRICAL CONDUITS AND SERVICE PEDESTALS DEPICTED HEREON IS BASED UPON THE PLANS APPENDED TO THESE RECORDED EASEMENT DOCUMENTS, AND IS NOT THE RESULT OF A FIELD SURVEY.
6. THE LOCATION OF THE WATER MAIN DEPICTED HEREON IS BASED UPON CONSTRUCTION PLANS ENTITLED "FERRY LANDING . . . GRADING PLAN . . . MARCH 4, 2004 SCALE: 1"=40" " SHEETS 2 & 3 OF 4 BY S.F.M. ENGINEERING ASSOCIATES, AND IS NOT THE RESULT OF A FIELD SURVEY.
7. THE LOCATION OF THE PRIVATE SANITARY SEWER SYSTEM OBSERVED ON THE PREMISES IS NOT DEPICTED HEREON.

PLAN REFERENCE

"ADMINISTRATIVE SUBDIVISION SHOWING MERGER OF ASSESSOR'S MAP 6 LOT 59 INTO ASSESSOR'S MAP 6 LOT 55 BRISTOL FERRY ROAD PORTSMOUTH, RHODE ISLAND SCALE: 1"=120" DATE: AUGUST 12, 2003 PROJECT NO.: SS1482.01 DRAWING NO.: SS2786 SHEET 1 OF 1" BY SCITUATE SURVEYS, INC. RECORDED PLAT #780.

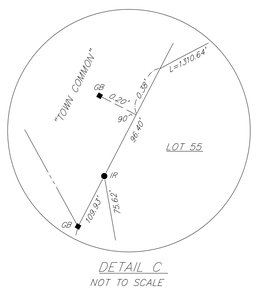
THE PLAN REFERENCES SHOWN ON PLAT #780 ARE INCORPORATED HEREIN.



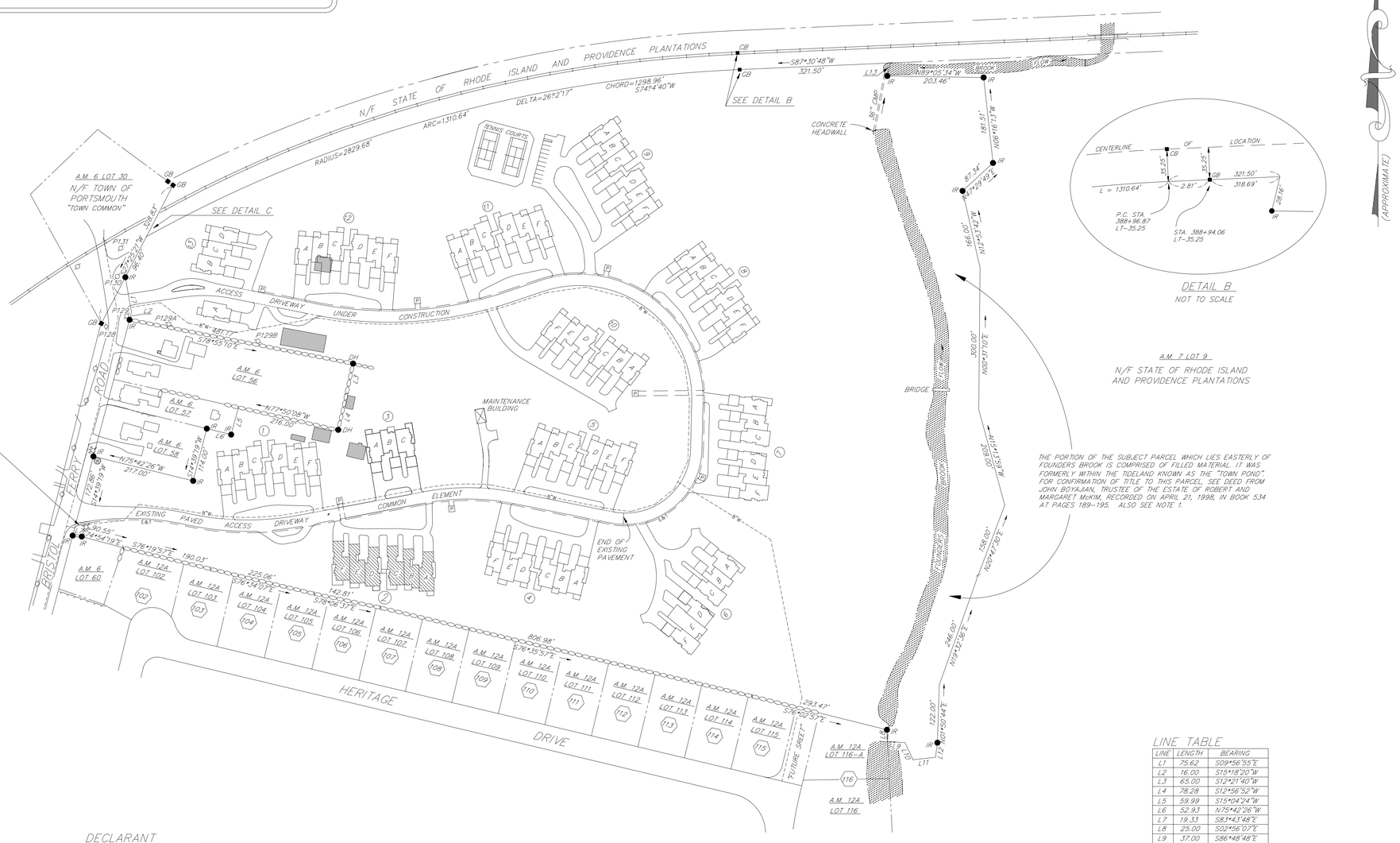
LOCATION PLAN SCALE: 1"=2000"*

SCITUATE SURVEYS, INC.
410 TIOGUE AVENUE
COVENTRY, RHODE ISLAND 02816
401 821 8101
LAND SURVEYING/MAPPING/SITE PLANNING

SCALE IN FEET: 120 60 0 120 240 360



DETAIL C
NOT TO SCALE



DETAIL B
NOT TO SCALE

BENCH MARK:
BOLT BETWEEN THE RAISED LETTERS "E" AND "L" IN THE WORD "MUELLER" ON BONNET OF HYDRANT ELEVATION = 47.36' (NGVD29)

THE PORTION OF THE SUBJECT PARCEL WHICH LIES EASTERLY OF FOUNDERS BROOK IS COMPRISED OF FILLED MATERIAL. IT WAS FORMERLY WITHIN THE TIDELAND KNOWN AS THE "TOWN POND". FOR CONFIRMATION OF TITLE TO THIS PARCEL, SEE DEED FROM JOHN BOYAJIAN, TRUSTEE OF THE ESTATE OF ROBERT AND MARGARET McKIM, RECORDED ON APRIL 21, 1998, IN BOOK 534 AT PAGES 189–195. ALSO SEE NOTE 1.

LEGEND

(107)	RECORD LOT NUMBER
A.M.	ASSESSOR'S MAP
N/F	NOW OR FORMERLY
DB/PG	DEED BOOK/PAGE
■ GB	GRANITE BOUND FOUND
■ CB	CONCRETE BOUND FOUND
● DH	DRILL HOLE FOUND
● IR	IRON ROD FOUND
	STONE WALL
	EXISTING BUILDING – MUST BE DEMOLISHED
	RAILROAD TRACK
	WELL
	UTILITY POLE
L10	LINE TABLE IDENTIFIER
--8"W--	WATER MAIN
— E&T —	ELECTRIC & TELEPHONE CONDUIT
P	SERVICE PEDESTAL

SCHEDULE OF ABUTTING OWNERS

AM/LOT	
6/56	N/F BAY BREEZES, LLC
6/57	N/F FRANCES T. BEST AND MARY ANNE BEST
6/58	N/F MICHELLE COUTO TORMEY AND THOMAS C. TORMEY
6/60	N/F LUCILLE K. LIVINGSTON, GORDON M. B. LIVINGSTON, JR. AND JUDY MCKERNAN LIVINGSTON FINLEY
12A/102	N/F RICHARD A. ELLIOTT AND M. MARGUERITE ELLIOTT
12A/103	N/F GEORGE N. MAYNARD AND DIANE MAYNARD
12A/104	N/F RUTH T. SEARS
12A/105	N/F ESMOND D. SMITH, JR., AND NANCI M. SMITH
12A/106	N/F MICHAEL HIENER AND AGNES HIENER
12A/107	N/F TERRANCE E. BEAL AND MARGUERITE M. BEAL
12A/108	N/F ROBERT JOHN OBARA AND PATRICIA MARY OBARA
12A/109	N/F KAREN A. CORBETT AND JOHN J. CORBETT
12A/110	N/F ERNEST VANCE LENZI AND SHIRLEY A. LENZI
12A/111	N/F KEVIN B. KRUPA
12A/112	N/F KARDINAL LAND, INC.
12A/113	N/F FRED G. SCHICK AND JANICE A. SCHICK
12A/114	N/F GARDINER S. DRAPE AND MARILYN C. DRAPE
12A/115	N/F WILLIAM B. BARNES AND DONNA M. BARNES
12A/116A	N/F PATRICIA M. CULVER AND JERRY F. CULVER

DECLARANT

FERRY LANDING, LLC
685 HOPE STREET
BRISTOL, RHODE ISLAND 02809

LINE TABLE

LINE	LENGTH	BEARING
L1	75.62'	S09°56'55"E
L2	16.00'	S15°18'20"W
L3	65.00'	S12°21'40"W
L4	78.28'	S12°56'52"W
L5	59.99'	S15°04'24"W
L6	52.93'	N75°42'26"W
L7	19.33'	S83°43'48"E
L8	25.00'	S02°56'07"E
L9	37.00'	S86°48'48"E
L10	40.00'	S24°45'22"E
L11	48.00'	N83°33'55"E
L12	31.00'	N07°13'09"E
L13	28.16'	N13°27'29"E

FOR STREET AND ROAD INDEX FILE UNDER:
BRISTOL FERRY ROAD

THIS SURVEY AND PLAN CONFORM TO A CLASS I STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS. TO THE BEST OF MY KNOWLEDGE AND BELIEF, THIS PLAT CONTAINS ALL INFORMATION REQUIRED BY R.I.G.L. 34–36–36.1–2.09 WHICH IS NOT SHOWN OR PROJECTED ON THE ACCOMPANYING PLANS.
BY:
JOHN MENSINGER, PROFESSIONAL LAND SURVEYOR NO. 1806

PLAT OF FERRY LANDING CONDOMINIUM UNITS 2A THROUGH 2F

ASSESSOR'S MAP 6 LOT 55
BRISTOL FERRY ROAD
PORTSMOUTH, RHODE ISLAND

SCALE: 1"=120' DATE: JULY 28, 2004 REVISION:

PROJECT NO.: SS1482.01
DRAWING NO.: SS2940

SHEET 1 OF 1