

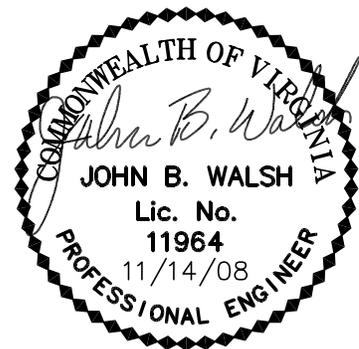
**NOTES:**

1. ELEVATIONS ARE IN FEET REFERRED TO MEAN LOW WATER (MLW) AND WERE TAKEN ON APRIL 23 & JUNE 4, 2007.

2. COORDINATES ARE IN U.S. SURVEY FEET REFERRED TO THE VIRGINIA STATE GRID (SOUTH ZONE) BASED ON NAD 83.

**LEGEND:**

	MUDFLAT		PROPOSED DREDGING AREA (-7' +1' MLW)
	2X BUFFER		PROPOSED DREDGING AREA (-4' +1' MLW)
	4X BUFFER		DREDGING AREA BY OTHERS



**PURPOSE: DREDGING**  
**DATUM: N.O.S. MLW=0.0'**  
**ADJACENT PROPERTY OWNERS:**

- ① ROBERT YODER
- ② TOM MOLLURA
- ③ VIRGINIA BEACH MARLIN CLUB
- ④ JOHN & NANCY PARKER

**LOCATION  
MAP**

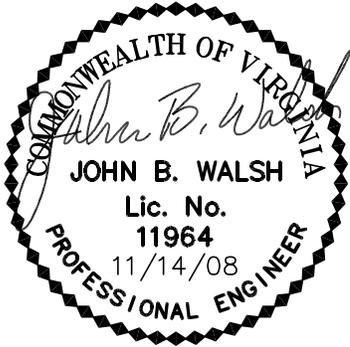
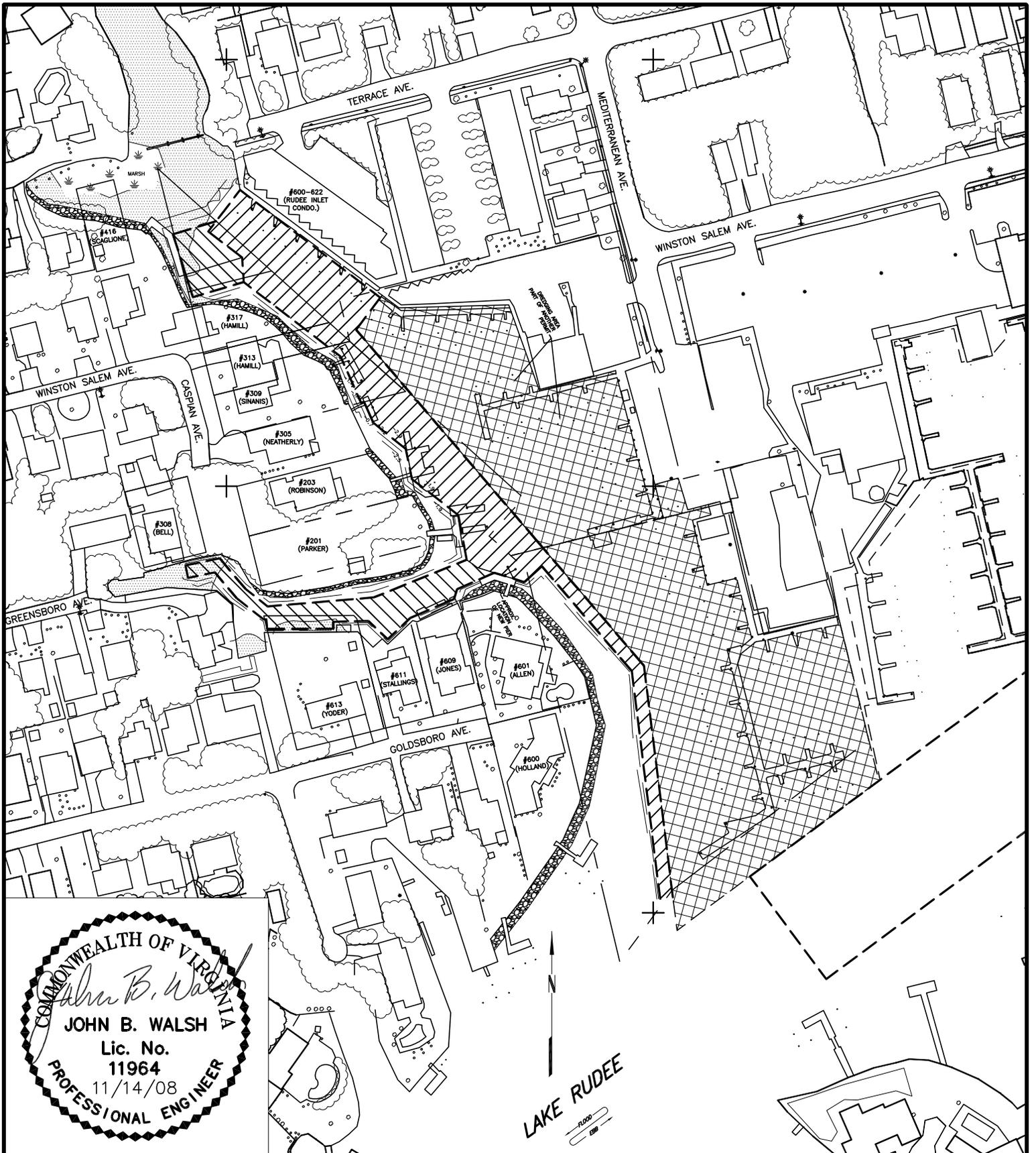
PREPARED BY:

*Waterway*

Surveys & Engineering, Ltd.  
Virginia Beach, Virginia

**PROPOSED DREDGING**  
**IN: LAKE RUDEE**  
**CITY: VIRGINIA BEACH STATE: VIRGINIA**  
**APPLICATION BY: SHAWDOWLAWN DREDGING**  
**GROUP**

**SCALE: 1"=300'**      **DATE: NOV. 14, 2008**  
**SHEET 1 OF 8**



**PURPOSE: DREDGING**  
**DATUM: N.O.S. MLW=0.0'**  
**ADJACENT PROPERTY OWNERS:**  
 ① ROBERT YODER  
 ② TOM MOLLURA  
 ③ VIRGINIA BEACH MARLIN CLUB  
 ④ JOHN & NANCY PARKER

## PROJECT OVERVIEW

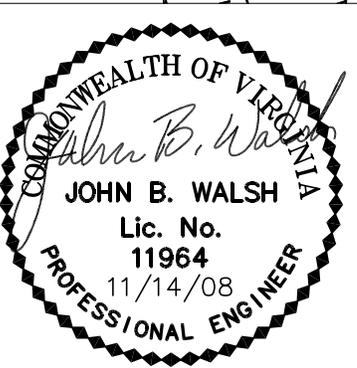
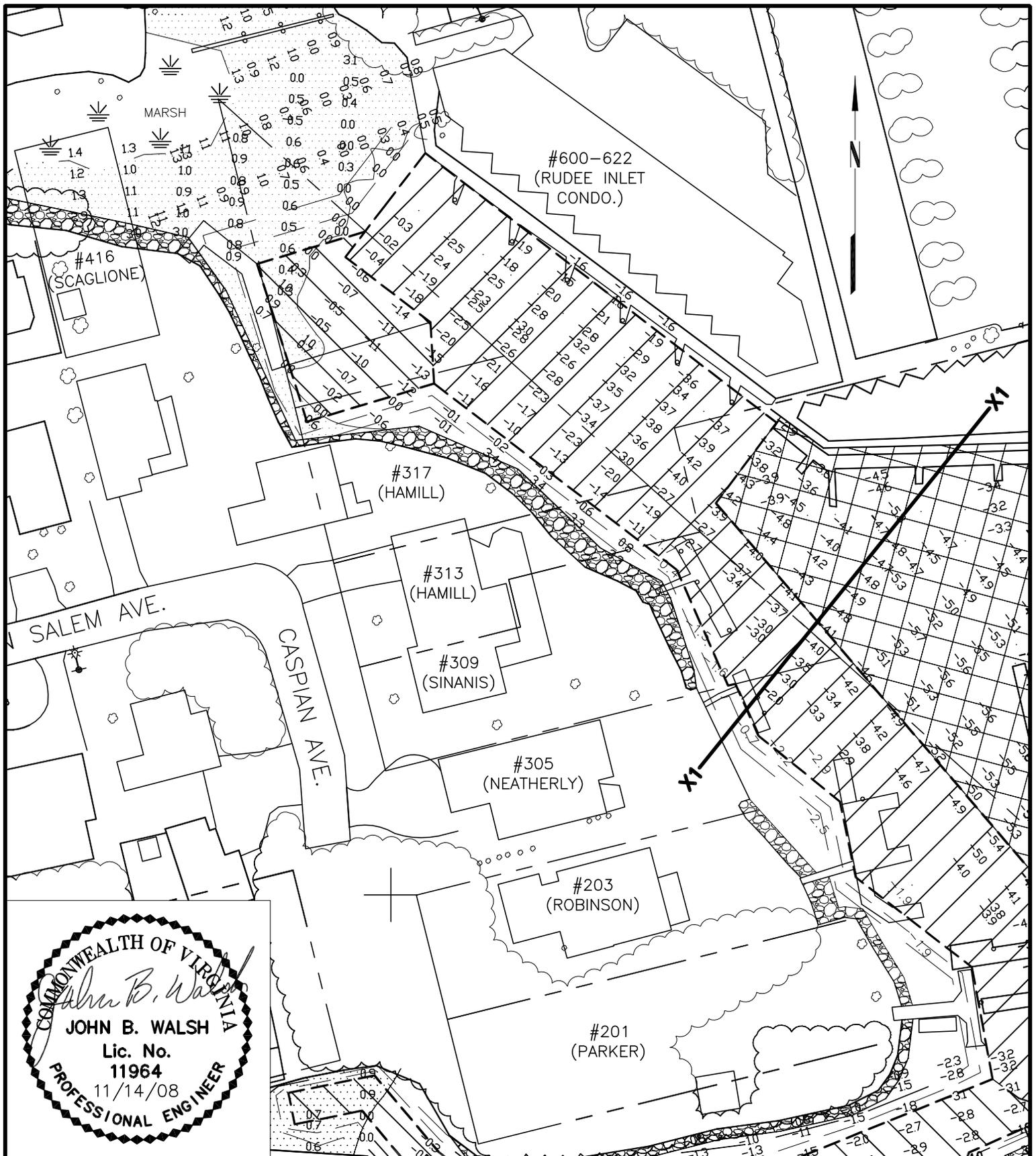
PREPARED BY:

*Waterway*

Surveys & Engineering, Ltd.  
 Virginia Beach, Virginia

**PROPOSED DREDGING**  
**IN: LAKE RUDEE**  
**CITY: VIRGINIA BEACH STATE: VIRGINIA**  
**APPLICATION BY: SHAWDOWLAWN DREDGING**  
**GROUP**

**SCALE: 1"=150'** **DATE: NOV. 14, 2008**  
**SHEET 2 OF 8**

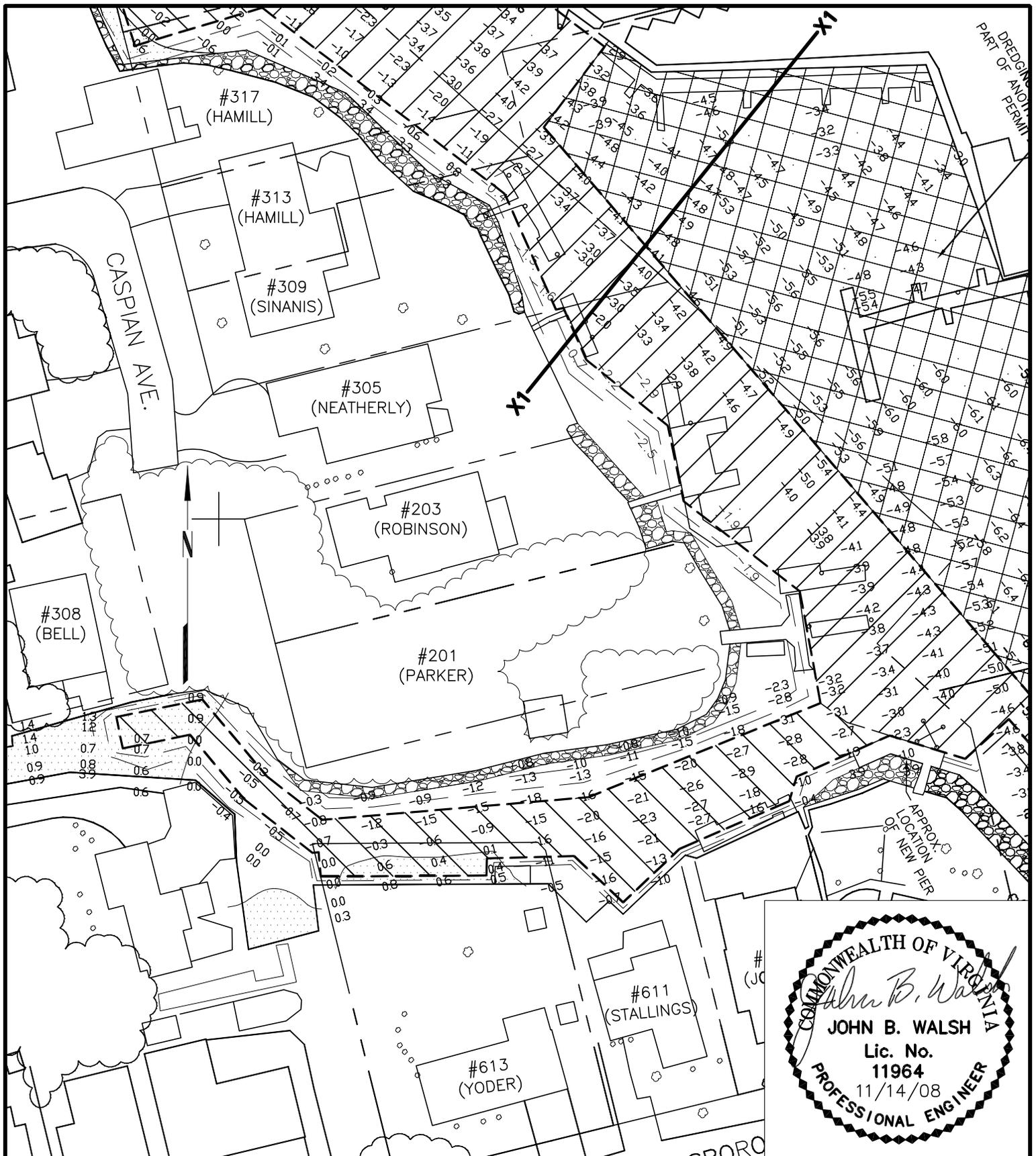


**PURPOSE: DREDGING**  
**DATUM: N.O.S. MLW=0.0'**  
**ADJACENT PROPERTY OWNERS:**  
 ① ROBERT YODER  
 ② TOM MOLLURA  
 ③ VIRGINIA BEACH MARLIN CLUB  
 ④ JOHN & NANCY PARKER

## PLAN VIEW SHEET 1

PREPARED BY:  
*Waterway*  
 Surveys & Engineering, Ltd.  
 Virginia Beach, Virginia

**PROPOSED DREDGING**  
**IN: LAKE RUDEE**  
**CITY: VIRGINIA BEACH STATE: VIRGINIA**  
**APPLICATION BY: SHAWDOWLAWN DREDGING**  
**GROUP**  
**SCALE: 1"=60' DATE: NOV. 14, 2008**  
**SHEET 3 OF 8**

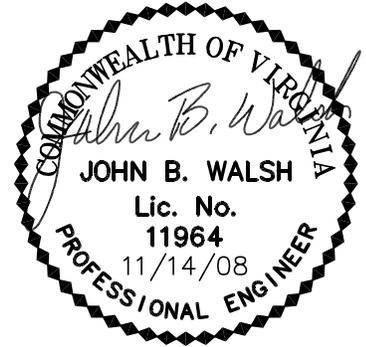


PURPOSE: DREDGING  
 DATUM: N.O.S. MLW=0.0'  
 ADJACENT PROPERTY OWNERS:  
 ① ROBERT YODER  
 ② TOM MOLLURA  
 ③ VIRGINIA BEACH MARLIN CLUB  
 ④ JOHN & NANCY PARKER

## PLAN VIEW SHEET 2

PREPARED BY:  
*Waterway*  
 Surveys & Engineering, Ltd.  
 Virginia Beach, Virginia

PROPOSED DREDGING  
 IN: LAKE RUDEE  
 CITY: VIRGINIA BEACH STATE: VIRGINIA  
 APPLICATION BY: SHAWDOWLAWN DREDGING  
 GROUP  
 SCALE: 1"=60' DATE: NOV. 14, 2008  
 SHEET 4 OF 8





PURPOSE: DREDGING  
 DATUM: N.O.S. MLW=0.0'  
 ADJACENT PROPERTY OWNERS:

- ① ROBERT YODER
- ② TOM MOLLURA
- ③ VIRGINIA BEACH MARLIN CLUB
- ④ JOHN & NANCY PARKER

## PLAN VIEW SHEET 3

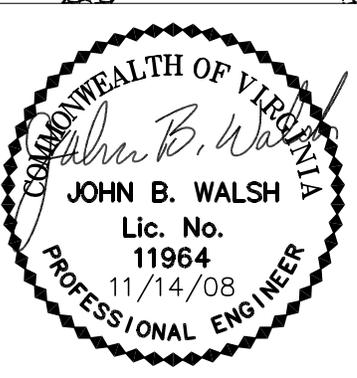
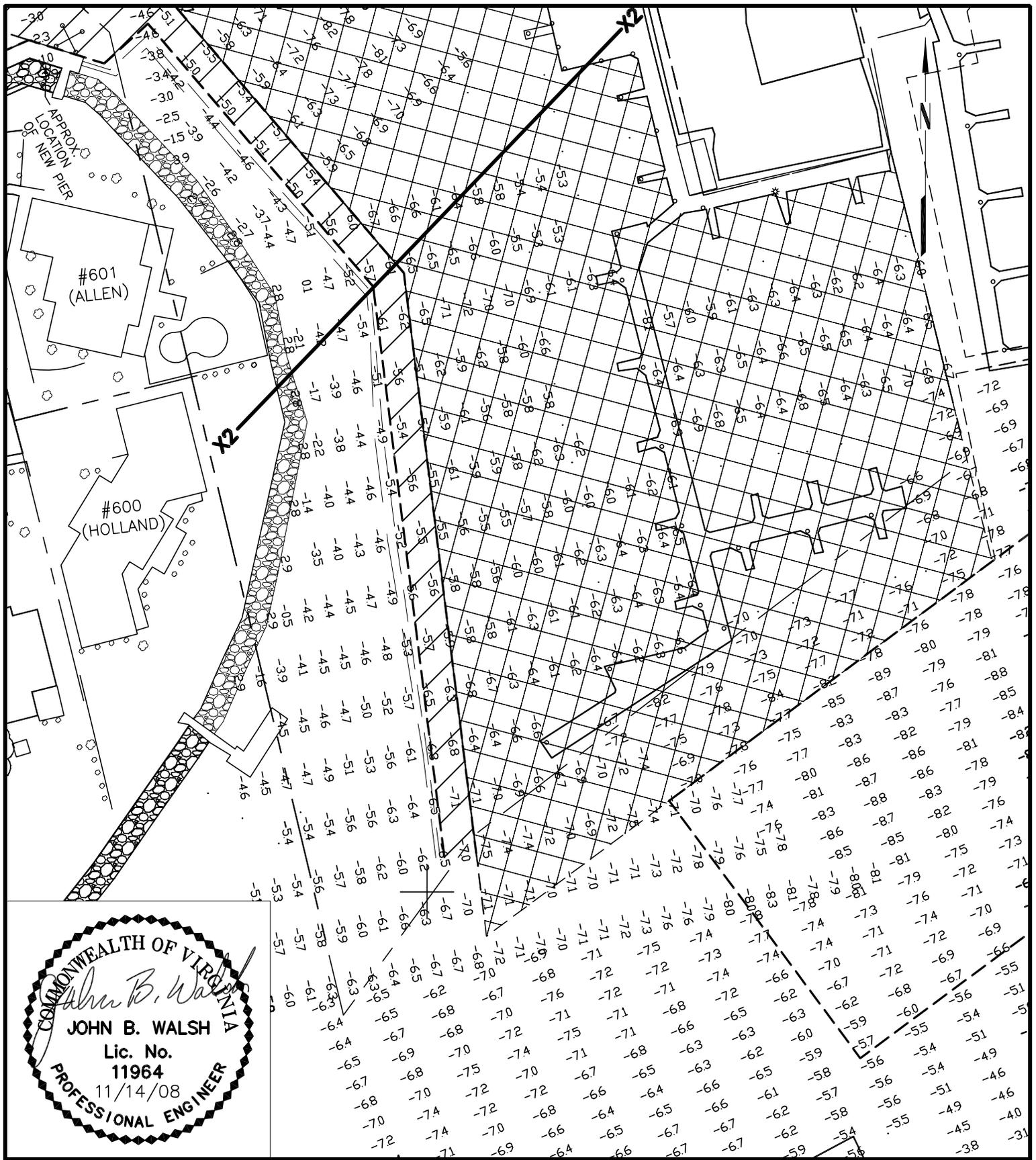
PREPARED BY:

*Waterway*

Surveys & Engineering, Ltd.  
 Virginia Beach, Virginia

PROPOSED DREDGING  
 IN: LAKE RUDEE  
 CITY: VIRGINIA BEACH STATE: VIRGINIA  
 APPLICATION BY: SHAWDOWLAWN DREDGING  
 GROUP

SCALE: 1"=60' DATE: NOV. 14, 2008  
 SHEET 5 OF 8



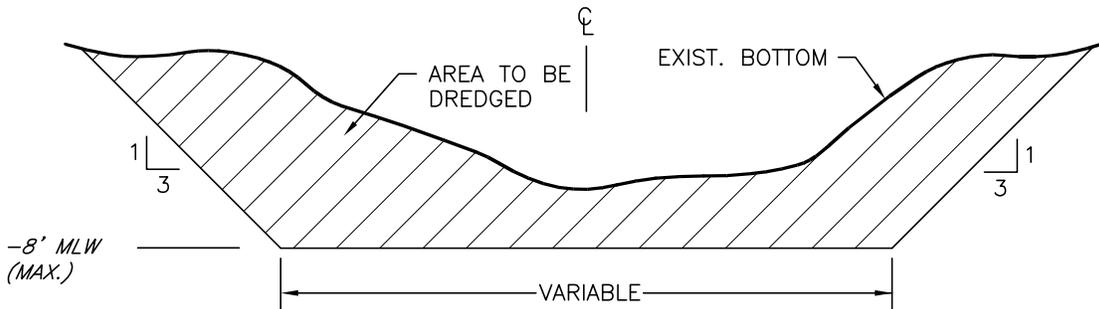
**PURPOSE: DREDGING**  
**DATUM: N.O.S. MLW=0.0'**  
**ADJACENT PROPERTY OWNERS:**  
 ① ROBERT YODER  
 ② TOM MOLLURA  
 ③ VIRGINIA BEACH MARLIN CLUB  
 ④ JOHN & NANCY PARKER

## PLAN VIEW SHEET 4

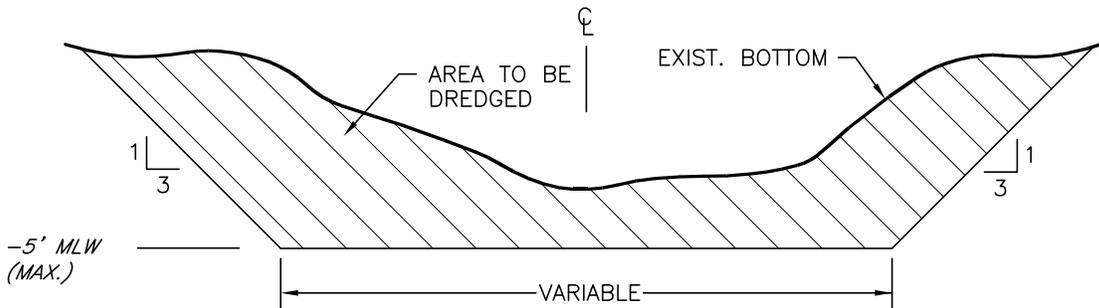
PREPARED BY:  
*Waterway*  
 Surveys & Engineering, Ltd.  
 Virginia Beach, Virginia

**PROPOSED DREDGING**  
**IN: LAKE RUDE**  
**CITY: VIRGINIA BEACH STATE: VIRGINIA**  
**APPLICATION BY: SHAWDOWLAWN DREDGING**  
**GROUP**

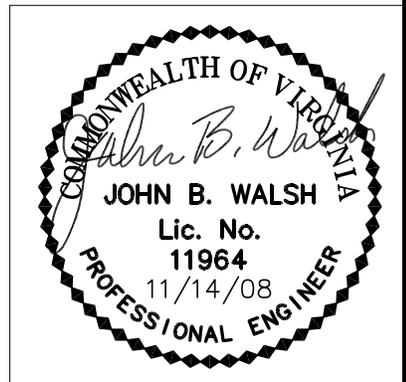
**SCALE: 1"=60'**      **DATE: NOV. 14, 2008**  
**SHEET 6 OF 8**



TYPICAL SECTION



TYPICAL SECTION



PURPOSE: DREDGING  
 DATUM: N.O.S. MLW=0.0'  
 ADJACENT PROPERTY OWNERS:  
 ① ROBERT YODER  
 ② TOM MOLLURA  
 ③ VIRGINIA BEACH MARLIN CLUB  
 ④ JOHN & NANCY PARKER

**TYPICAL SECTION**

PREPARED BY:  
*Waterway*  
 Surveys & Engineering, Ltd.  
 Virginia Beach, Virginia

PROPOSED DREDGING  
 IN: LAKE RUDEE  
 CITY: VIRGINIA BEACH STATE: VIRGINIA  
 APPLICATION BY: SHAWDOWLAWN DREDGING GROUP  
 SCALE: N.T.S. DATE: NOV. 14, 2008  
 SHEET 7 OF 8

Chris Scaglione  
416 Caspian Avenue  
Virginia Beach, VA 23451

Jason Hamill  
317 Caspian Avenue  
Virginia Beach, VA 23451

Jason Hamill  
313 Caspian Avenue  
Virginia Beach, VA 23451

Bart Sinanis  
309 Caspian Avenue  
Virginia Beach, VA 23451

Richard Neatherly  
305 Caspian Avenue  
Virginia Beach, VA 23451

Robert Robinson  
203 Caspian Avenue  
Virginia Beach, VA 23451

Dave Parker  
201 Caspian Avenue  
Virginia Beach, VA 23451

Kenny Bell  
308 Caspian Avenue  
Virginia Beach, VA 23451

Robert Yoder  
613 Goldsboro Avenue  
Virginia Beach, VA 23451

Jack Stallings  
611 Goldsboro Avenue  
Virginia Beach, VA 23451

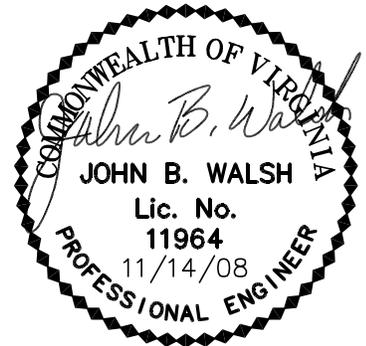
Lee Jones  
609 Goldsboro Avenue  
Virginia Beach, VA 23451

Gary Allen  
601 Goldsboro Avenue  
Virginia Beach, VA 23451

Scott Holland  
600 Goldsboro Avenue  
Virginia Beach, VA 23451

Leo Thomas, Jr.,  
Association President  
Rudee Inlet Condominium  
600-622 Terrace Avenue  
Virginia Beach, VA 23451

Note that attached file has  
all the property owner signa-  
tures for this project.



PURPOSE: DREDGING  
DATUM: N.O.S. MLW=0.0'  
ADJACENT PROPERTY OWNERS:

- ① ROBERT YODER
- ② TOM MOLLURA
- ③ VIRGINIA BEACH MARLIN CLUB
- ④ JOHN & NANCY PARKER

## PROPERTY OWNERS

PREPARED BY:

*Waterway*

Surveys & Engineering, Ltd.  
Virginia Beach, Virginia

PROPOSED DREDGING  
IN: LAKE RUDEE  
CITY: VIRGINIA BEACH STATE: VIRGINIA  
APPLICATION BY: SHAWDOWLAWN DREDGING  
GROUP

SCALE: N.T.S. DATE: NOV. 14, 2008  
SHEET 8 OF 8

Chris Scaglione  
416 Caspian Avenue  
Virginia Beach, VA 23451

*Chris Scaglione*  
*[Signature]*

Jason Hamill  
317 Caspian Avenue  
Virginia Beach, VA 23451

Jason Hamill / *Bart Sinanis*  
313 Caspian Avenue  
Virginia Beach, VA 23451

Bart Sinanis  
309 Caspian Avenue  
Virginia Beach, VA 23451

*[Signature]*

Richard Neatherly  
305 Caspian Avenue  
Virginia Beach, VA 23451

*Richard I Neatherly*

Robert Robinson  
203 Caspian Avenue  
Virginia Beach, VA 23451

*[Signature]*

Dave Parker  
201 Caspian Avenue  
Virginia Beach, VA 23451

*Dave A. Parker*

Owners have re-  
viewed the JPA and  
drawings.

Kenny Bell  
308 Caspian Avenue  
Virginia Beach, VA 23451

*MAIL ADDRESS 308 WINSTON SALTMAR  
Kenny Bell VA BEACH VA 23451  
308 CASPIAN AVE 23451*

Robert Yoder  
613 Goldsboro Avenue  
Virginia Beach, VA 23451

*MAIL ADDR. 200 HIGH POINT AVE  
VA BEACH VA 23451*

Owners have agreed  
that the agent will  
be Rebecca Francese

Jack Stallings  
611 Goldsboro Avenue  
Virginia Beach, VA 23451

*Jack Stallings*  
*Percy Lee Jones*

Lee Jones  
609 Goldsboro Avenue  
Virginia Beach, VA 23451

Gary Allen  
601 Goldsboro Avenue  
Virginia Beach, VA 23451

*Gary W. Allen*

Note - This is a  
signature page -  
no seal is  
required.

Scott Holland  
600 Goldsboro Avenue  
Virginia Beach, VA 23451

*Carey Scott Holland*

Leo Thomas, Jr.,  
Association President  
Rudee Inlet Condominium  
600-622 Terrace Avenue  
Virginia Beach, VA 23451

*Leo Thomas Jr.*  
*Assoc. President*

PURPOSE: DREDGING  
DATUM: N.O.S. MLW=0.0'  
ADJACENT PROPERTY OWNERS:

- ① ROBERT YODER
- ② TOM MOLLURA
- ③ VIRGINIA BEACH MARLIN CLUB
- ④ JOHN & NANCY PARKER

### PROPERTY OWNERS

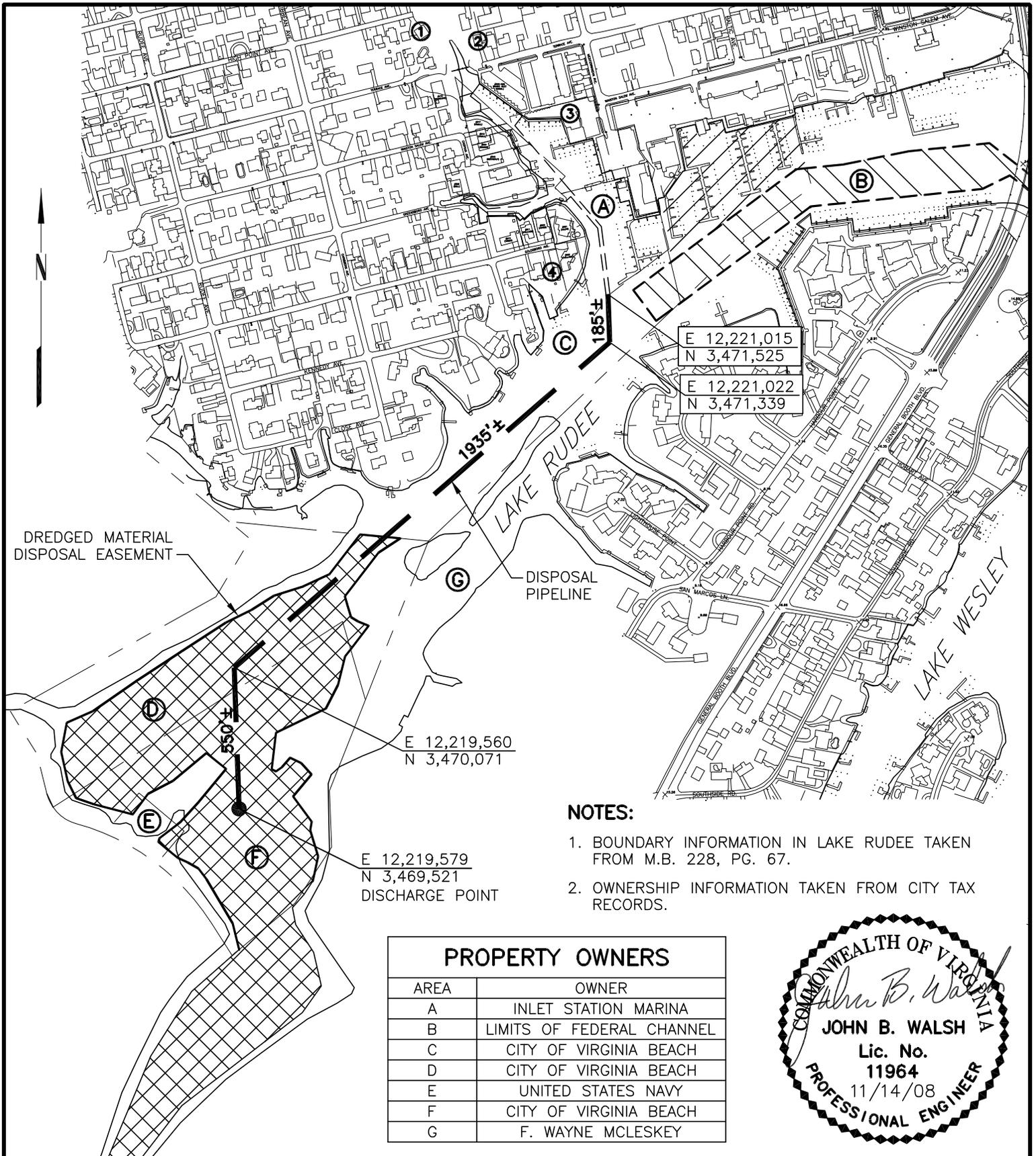
PREPARED BY:

*Waterway*

Surveys & Engineering, Ltd.  
Virginia Beach, Virginia

PROPOSED DREDGING  
IN: LAKE RUDEE  
CITY: VIRGINIA BEACH STATE: VIRGINIA  
APPLICATION BY: SHAWDOWLAWN DREDGING  
GROUP

SCALE: N.T.S. DATE: SEPT. 29, 2008  
SHEET 8 OF 8



E 12,221,015  
N 3,471,525  
E 12,221,022  
N 3,471,339

E 12,219,560  
N 3,470,071

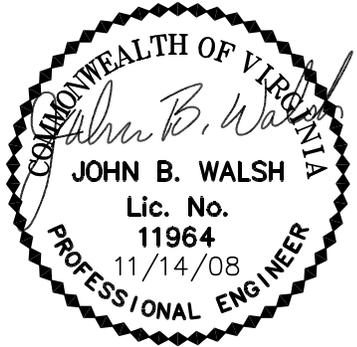
E 12,219,579  
N 3,469,521  
DISCHARGE POINT

**NOTES:**

1. BOUNDARY INFORMATION IN LAKE RUDEE TAKEN FROM M.B. 228, PG. 67.
2. OWNERSHIP INFORMATION TAKEN FROM CITY TAX RECORDS.

**PROPERTY OWNERS**

AREA	OWNER
A	INLET STATION MARINA
B	LIMITS OF FEDERAL CHANNEL
C	CITY OF VIRGINIA BEACH
D	CITY OF VIRGINIA BEACH
E	UNITED STATES NAVY
F	CITY OF VIRGINIA BEACH
G	F. WAYNE MCLESKEY

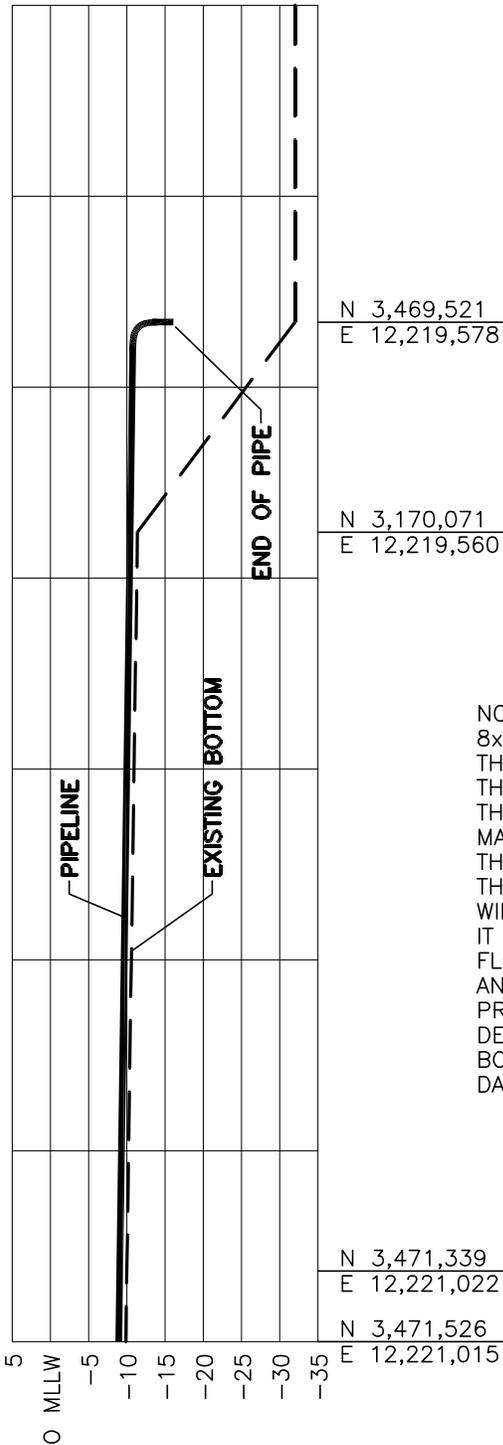


**PURPOSE: DREDGING**  
**DATUM: N.O.S. MLW=0.0'**  
**ADJACENT PROPERTY OWNERS:**  
 ① ROBERT YODER  
 ② TOM MOLLURA  
 ③ VIRGINIA BEACH MARLIN CLUB  
 ④ JOHN & NANCY PARKER

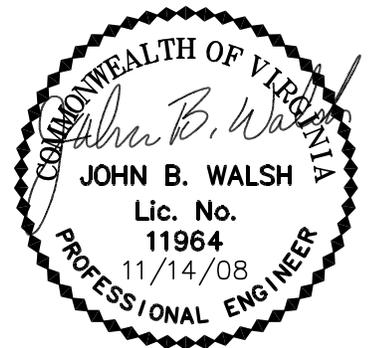
**PIPELINE ROUTE TO DISPOSAL AREA**

PREPARED BY:  
*Waterway*  
 Surveys & Engineering, Ltd.  
 Virginia Beach, Virginia

**PROPOSED DREDGING**  
**IN: LAKE RUDEE**  
**CITY: VIRGINIA BEACH STATE: VIRGINIA**  
**APPLICATION BY: SHAWDOWLAWN DREDGING GROUP**  
**SCALE: 1"=500' DATE: NOV. 14, 2008**  
**SHEET 1 OF 2**



NOTE: THE PIPELINE WILL BE SECURED TO THE BOTTOM USING 8x8x16 SOLID CONCRETE BLOCK. THE BLOCKS WILL BE TIED TO THE PIPELINE AND DEPLOYED IN PAIRS. THE 8" PIPELINE AND THE BLOCKS WILL LAY ON THE BOTTOM AND CLEARANCE OVER THE PIPE WILL BE APPROXIMATELY 7 TO 9 FT. THROUGHOUT THE MAIN BODY OF LAKE RUDEE. THE BLOCKS DO NOT EXTEND ABOVE THE PIPELINE AND WILL TYPICALLY SINK INTO THE SOFTER SEDIMENT. THE PIPELINE WILL REMAIN ON THE BOTTOM AT ALL TIMES AND WILL ONLY BE BOUYANT DURING INSTALLATION AND WHEN FLUSHING IT TO MOVE IT. ONCE IN THE DISPOSAL AREA, THE PIPELINE WILL FLOAT WITH THE OUTFALL TURNED TOWARD THE BOTTOM. A BAFFLE AND SCREENING AT THE OUTFALL WILL PROVIDE WATER QUALITY PROTECTION. DURING MOVING AND INSTALLATION, A BOAT WILL BE DEPLOYED TO WATCH FOR TRAFFIC. ADDITIONALLY, THE TENDER BOAT WILL RUN THE LENGTH OF THE PIPELINE SEVERAL TIMES A DAY TO CHECK THE PIPE.



PURPOSE: DREDGING  
 DATUM: N.O.S. MLW=0.0'  
 ADJACENT PROPERTY OWNERS:  
 ① ROBERT YODER  
 ② TOM MOLLURA  
 ③ VIRGINIA BEACH MARLIN CLUB  
 ④ JOHN & NANCY PARKER

## PROFILE FOR PIPELINE ROUTE

PREPARED BY:

*Waterway*

Surveys & Engineering, Ltd.  
 Virginia Beach, Virginia

PROPOSED DREDGING  
 IN: LAKE RUDEE  
 CITY: VIRGINIA BEACH STATE: VIRGINIA  
 APPLICATION BY: SHAWDOWLAWN DREDGING GROUP  
 SCALE: 1"=500' DATE: NOV. 14, 2008  
 SHEET 2 OF 2

### 8. WETLANDS/WATERS IMPACT INFORMATION

Report each impact on a separate line, even if more than one impact occurs at the same Impact Site Number. If needed, attach additional sheets using an exact or similar format as the table below.

Impact site number (1, 2, etc.)	Wetland/water impact description*	Wetland impact area (acres)	Cowardin classification of impacted wetland/water (PEM, PSS, PFO, etc.)	Stream/Waters dimensions at impact site (length and width in feet)
Example: 1	F, NT, PE, V	1	PFO	N/A
Example: 1	F, NT, TE, PR, V	N/A	N/A	200 x 30
Example: 2	EX, T, PE, SB, NV	N/A	N/A	250 x 100
cove & canal (2X)	EX,T,PE,NV	0.10	E2EM1P	tidal
cove & canal (2X)	EX,T,PE,SB	1.44	E1UBL	tidal

\* use all that apply: F=fill, EX=excavation, T=tidal, NT=non-tidal, TE=temporary, PE=permanent, PR=perennial, IN=intermittent, SB=subaqueous bottom, IS=hydrologically isolated, V=vegetated, NV=non-vegetated, MC=Mechanized Clearing of FPO

DEQ Classification of impacted resource(s) (mark the boxes next to those that apply):

<input type="checkbox"/> Non-tidal waters Class III	<input type="checkbox"/> Mountainous zone waters Class IV	<input type="checkbox"/> Stockable trout waters Class V	<input type="checkbox"/> Natural trout waters Class VI	<input type="checkbox"/> Wetlands Class VII	<input checked="" type="checkbox"/> Estuarine Class II
-----------------------------------------------------	-----------------------------------------------------------	---------------------------------------------------------	--------------------------------------------------------	---------------------------------------------	--------------------------------------------------------

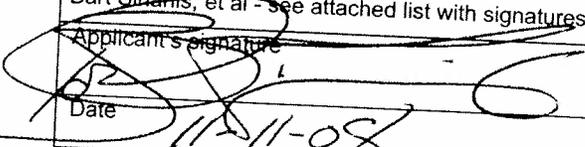
### 9. APPLICANT, AGENT, AND CONTRACTOR CERTIFICATIONS

READ ALL OF THE FOLLOWING CAREFULLY BEFORE SIGNING

**PRIVACY ACT STATEMENT:** The Department of the Army permit program is authorized by Section 10 of the Rivers and Harbors Act of 1899, Section 404 of the Clean Water Act, and Section 103 of the Marine Protection Research and Sanctuaries Act of 1972. These laws require that individuals obtain permits that authorize structures and work in or affecting navigable waters of the United States, the discharge of dredged or fill material into waters of the United States, and the transportation of dredged material for the purpose of dumping it into ocean waters prior to undertaking the activity. Information provided in the Joint Permit Application will be used in the permit review process and is a matter of public record once the application is filed. Disclosure of the requested information is voluntary, but it may not be possible to evaluate the permit application or to issue a permit if the information requested is not provided.

I hereby apply for all necessary permits for the activities I have described herein. I agree to allow the duly authorized representatives of any regulatory or advisory agency to enter upon the premises of the project site at reasonable times to inspect and photograph site conditions.

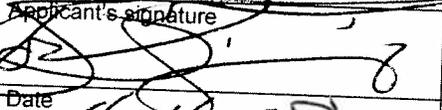
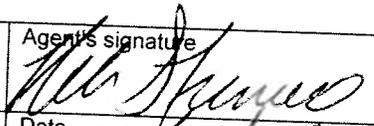
In addition, I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Applicant's name (printed or typed) Bart Sinanis, et al - see attached list with signatures	Second applicant's name (printed or typed)
Applicant's signature 	Second applicant's signature
Date 11-11-08	Date

**9. CERTIFICATIONS (continued)**

**CERTIFICATION OF AUTHORIZATION TO ALLOW AGENTS TO ACT ON APPLICANTS' BEHALF (IF APPLICABLE)**

I, Bart Sinanis, et al  
 (APPLICANT'S NAME), hereby certify that I have authorized Rebecca S. Francese  
 (AGENT'S NAME) to act on my behalf and take all actions necessary to the processing, issuance, and acceptance of this permit and any and all standard and special conditions attached. We hereby certify that the information submitted in this application is true and accurate to the best of our knowledge.

Applicant's signature 	Second applicant's signature	Agent's signature 
Date <u>11-11-08</u>	Date	Date <u>11/14/08</u>

**CONTRACTOR ACKNOWLEDGEMENT (IF APPLICABLE)**

I, \_\_\_\_\_, have contracted \_\_\_\_\_  
 (APPLICANT'S NAME) (CONTRACTOR'S NAME)  
 to perform the work described in this Joint Permit Application, signed and dated \_\_\_\_\_.

We will read and abide by all conditions as set forth in all Federal, State, and Local permits as required for this project. We understand that failure to follow the conditions of the permits may constitute a violation of applicable Federal, State, and Local statutes and that we will be liable for any civil and/or criminal penalties imposed by these statutes.

In addition, we agree to make available a copy of any permit to any regulatory representative visiting the project site to ensure permit compliance. If we fail to provide the applicable permit upon request, we understand that the representative will have the option of stopping our operation until it has been determined that we have a properly signed and executed permit and are in full compliance with all of the terms and conditions.

Contractor's name or name of firm (printed/typed)		Contractor's or firm's mailing address	
Contractor's license number	Contractor's signature and title		Date
Applicant's signature		Second applicant's signature	
Date		Date	



**END OF GENERAL INFORMATION**

The following sections are activity-specific. Fill out only the sections that apply to your particular project.