

SU... 12.5d

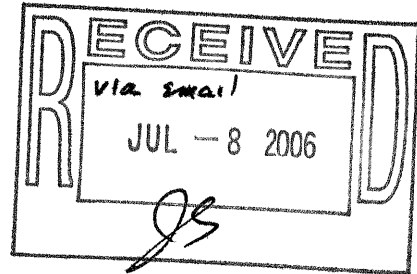
**RIZZO
ASSOCIATES**

A TETRA TECH COMPANY

One Grant Street
Framingham, MA 01701-9005
(508) 903-2000
(508) 903-2001 fax
www.rizzo.com

July 6, 2006

Jay Szklut
Planning and Economic Development Manager
Office of Community Development
19 Moore Street
Belmont, MA 02478



Re: Acorn Park

Dear Jay:

Rizzo Associates, Inc. is writing to provide information requested at the Zoning Board of Appeals (ZBA) hearing last week.

Attached is the revised Floodplain Impact Plan and the Floodplain Compensation Plan which shows a floodplain elevation of 8.2 based on comments raised by the ZBA.

Below are the revised calculations which show a compensation ratio of 1.5:1.

IMPACT VOLUMES			COMPENSATION VOLUMES		
Elev	Area (sf)	Volume (cf)	Elev	Area (sf)	Volume (cf)
8.2	13,652	2,626	8.2	17048	3,372
8	12,606	9,698	8	16,671	14,617
7	6,790	6,233	7	12,562	11,136
6	5,675	3,324	6	9,710	4,855
5	972	486	5	0	0
4	0		4	0	
Total =		22,366	Total =		33,979 (1.5:1)

sf = square feet
cf = cubic feet

Jay Szklut
July 6, 2006
Page 2

If you have any questions please feel free to contact me directly at 508-903-2068.

Very truly yours,



Sara Graham
Civil Engineer

C: Steve Chapman, Fay, Spofford & Thorndike, LLC.
File

P:\7000\7128\COMPREHENSIVE PERMIT\070605LTR-SZKLUT.DOC

NOT FOR CONSTRUCTION
 THIS PLAN IS INTENDED FOR THE
 PURPOSE OF REVIEWING STATE
 REQUIREMENTS AND IS NOT TO BE USED AS CONSTRUCTION
 DOCUMENTS.

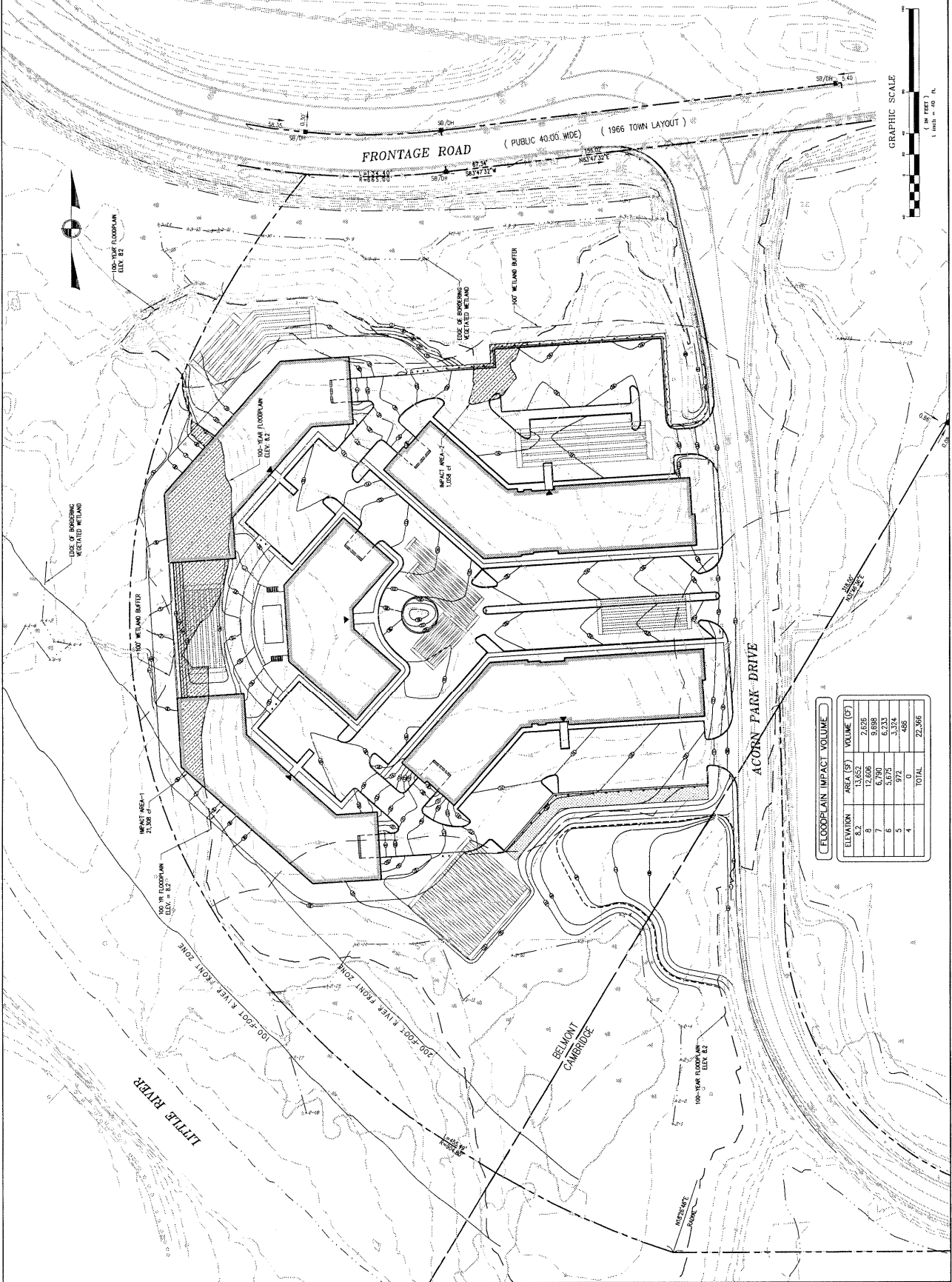
NO.	DATE	DESCRIPTION

Revisions
 Checked:
 Drawn:
 Date:

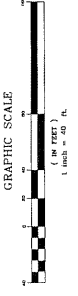
RIZZO ASSOCIATES
 A TRITON TECH COMPANY
 One Devon Square
 Belmont, MA 02458
 617-351-1000
 www.rizzo.com

Project: **O'Neill Properties Residential Redevelopment Belmont, MA**
 Drawing: **Existing Floodplain Impact Plan**

Scale: 1" = 40'
 Job No.: 7158
 Date: 07/26/06
 Designer: **Fig 4**



ELEVATION	AREA (SQ FT)	VOLUME (CU FT)
82	13,806	2,628
79	6,790	8,888
6	5,875	6,713
5	974	374
4	0	-459
TOTAL		22,386



NOT FOR CONSTRUCTION
 THIS DRAWING IS THE PROPERTY OF THE ENGINEER OR ARCHITECT AND IS TO BE USED ONLY AS INDICATED IN THE DOCUMENTS.
 ANY REVISIONS TO BE MADE AS CONSTRUCTION PROGRESS SHALL BE THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER.

No.	Date	Description

Revisions
 No. Description
 Date Date
 1 2/25/2006
 2 3/22/2006

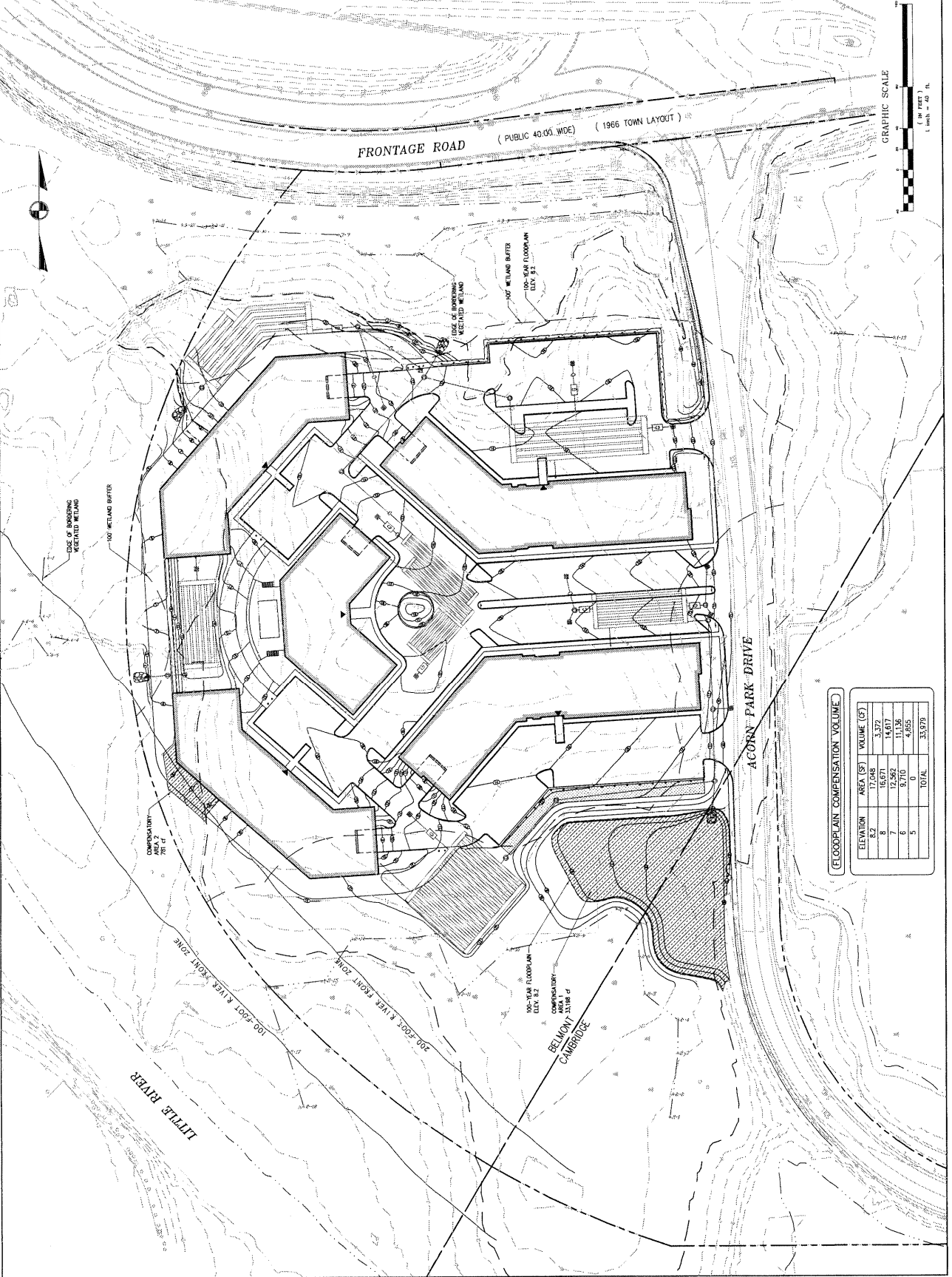
Prepared By: [Name] Drawn By: [Name]
 Checked By: [Name] Date: 2/25/2006

RIZZO ASSOCIATES
 A TETRA TECH COMPANY
 1000 State Street, Belmont, MA 02470-1005
 781.326.8200
 www.rizzo.com

Project No. [Number]
O'Neill Properties Residential Development
 Belmont, MA
 Sheet Title: Proposed Floodplain Compensation Plan

Scale: 1"=40'
 Date: 12/28/2006
 Drawn: [Name]
 Checked: [Name]
 Date: 10/15/06

Fig 5



FLOODPLAIN COMPENSATION VOLUME

ELEVATION	AREA (SQ FT)	VOLUME (CF)
8.2	17,048	3,329
8	16,671	3,337
7	12,562	2,513
6	3,710	765
5		0
TOTAL		9,944