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## CARL AND RUTH SHAPIRO CAMPUS CENTER BRANDEIS UNIVERSITY <br> WALTHAM, MASSACHUSETTS <br> CD 2.2 SET - ENVELOPE PACKAGE <br> DATE OF ISSUE: 6/18/01

ARCHITECT:
THOMPSON AND ROSE ARCHITECTS, INC.

1430 MASSACHUSETTS AV
CAMBRIDGE MA 02138
TEL 617.876.9966
Construction manager
WILLIAM A. BERRY \& SON, INC
100 CONIFER HILL DRIVE
DANVERS, MA 01923
DANVERS, MA 0101
TEL 9 978.774.1057
LANDSCAPE ARCHI
STEPHEN STIMSON ASSOCIATES LANDSCAPE ARCHITECTS
15 DEPOT AVE.
FALMOUTH, MA 025
TEL 508.548 .8119
TEL
FAX 508.5488 .7718
civil engineer:
JUDITH NITSCH ENGINEERING, INC. 186 LINCOLN STREET, SUITE 200
BOSTON, MA $02111-2403$
BOSTON, MA 021112
TEL 617338.063
FAX 617.738 .6472
structural and mep engineer
OVE ARUP AND PARTNERS
955 MASSACHUSETTS AVE
CAMBRIDGE MA 02139
TEL 617.864 .2987
acoustical and an consultant:
ACENTECH INCORPORATED
33 MOULTON STREET
CAMBRIDGE, MA 02138
TEL 617.499.8000
CODE CONSULTANT:
ROBERT W. SULLIVAN, INC.
UNIT 302, UNION WHARF
BOSTON, MA 02109
BOSTON, MA 02109
TEL 617.53 .23227
FAX 617.523016
${ }_{\text {FAX }} 617.523 .8016$
theater consultant:
ALAN P. SYMONDS
144 HIGGATE STREET
NEEDHAM, MA O24
TEL 6174958675

FAX 781.444 .1824

LUND ASSOCIATES
51 MONUMENT STREET
WENHAM, MA O 1988
TEL 978.468 .5141
TEL .978 .468 .5141
FAX 978.468 .4376
cost consultant:
DAEDALUS PROJECTS INCORPORATED
112 SOUTH STREET, 2ND FLOOR
Boston MA 0211
TEL 617.451 .2717.
FAX 617.451 .2679
Lighting consultant:
LIGHT THIS
ARCHITECTURAL THEATRICAL
LIGHTING DESIGN
256 HANOVER STRE
BOSTN , MA

| TEL 6 671.27 |
| :--- |
| FAX 617.227 .1508 |

NFORMATION TECHNOLOGY CONSULTANT
COMPASS CONSULTING
15 BROOK STREET
MEDFIELD, MA 02052
MEDRELED, MA O20
TEA 500.359.9150
FAX 50.359 .8796
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DIGITAL GEOGRAPHIC TECHNOLOGIES, INC
BO3 SUMMER STREET, IST FLOOR
OOSTMN, MA O22127,
EL 617.277 .0541
AX 617.275 .0544
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1021 MAIN STREET
WINCHESTER, MA 01890-1970
TEL 78.1 .721 .10000
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| USE GROUP, HEIGHT AND AREA, CONSTRUCTION TYPE: <br>  THE MNMMMM CONSTRUCTION TPE FOR THIS FULY SPRINKL.ERED BULDNG WITH $33 \%$ PERMETER ACCESS IS 28 . |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| THE BUILDING IS EQUPPED THROUGHOUT WITH A FULLY AUTOMATIC SPRINKLER SYSTEM. A FIREPUMMP IS LOCATED W A DEDICATED WOHOUR RATED ROOM. A STANDPIPE SYSTEM WLL BE PROVIDED N ACCORDANCEWITH MASSACHUSETTS STATE BULDING CODE 7BO CMR. THE BULDING IS ALSO PROVDED WITH A FIRE PROTECTIVE SIGNALING SYSTEM WTH MASSACHSETTS STATE BULDIGG CODE 780 CMMR. THE BULDING IS ALSO PROVIDIN ACCORDANCE WITH 7TO CMR. REFER TOPIUMBING DRFWINGS FOR LOCATONS AND SPECFICATIONS DEVCES SHALL BE NSTALLED TO MEET THE REQUREMENTS OF THE MASSACHUSETTS ARCHTECTURAL ACCESS BOARD RULES AND PER 780 CMR 917.7 .1, EXEPTION 2 AND SECTON 404.6 (SEE ATRIUM SECTION BELIOW),REFER TO ELECTRICAL PLANS FOR LOCATIONS AND SPECIFICATIONS OF EMERGENCY俭 |  |  |  |  |  |
| EGRESS: <br> THE PRINCTA ASSEMBLY SPACES FOR THE SHAPIRO CAMPUS CENTER ARE LOCATED ON THE FIRST FLOOR. DIRECT EGRESS TO GRADE IS AVALLABLE FROM EACH OF THESE ASEMBCY AREAS. ADDIIONALLY, TWO ENCLOSED EGRESS STAIRS SERVE EACH OF THE UPPER TWO FLOORS PROVDING DIRECT ACCESS TO THE EXTEROR. EXITS ARE PROVIDED FOR THE SHAPIRO CAMPUS CENTER BASED ONOCUPAC CALCULATIONS IN THE FOLLOWING TABLE 1 |  |  |  |  |  |
| SHAPIRO CAMPUS CENTER |  |  |  |  |  |
| TABLE 1: OCCUPANT LOAD (MSBC SECTION 1008.0) |  |  |  |  |  |
| FLOOR | AREA | FLOOR AREA | FLOOR AREA PER OCCUPANT ( $\mathrm{FT}^{2}$ /OCCUPANT) | OCCUPAN MSBC 1008.0 | PROJECTED ocupantload CODEPURPOSES) |
| $\underset{\substack{\text { 3ro } \\ \text { flor }}}{ }$ | ${ }^{\text {rabio and tiv }}$ | ${ }^{1850}$ | ${ }^{\text {SoNet }}$ | ${ }^{37}$ |  |
|  |  | 1830 | 300 oross | 5 |  |
|  |  | ${ }^{2388}$ | 15 net | ${ }_{159}$ |  |
|  | offices | ${ }^{311}$ | 100 sross | ${ }^{3}$ |  |
|  | Stupent | ${ }^{965}$ | 15 NeT | ${ }_{6} 4$ |  |
|  | Stubent | ${ }^{74}$ | ${ }^{15 N E T}$ | 49 |  |
|  |  | 1330 | 100 gross | 13 |  |
|  |  |  | Total for fliore | ${ }^{368}$ | 200 |
| $\underbrace{\substack{20}}_{\text {and }}$ | mutrivurose | ${ }^{1645}$ | ${ }^{15 N e T}$ | 108 |  |
|  | Campsur | ${ }^{31}$ | ${ }^{15 N e t}$ | ${ }^{20}$ |  |
|  |  | ${ }^{7005}$ | 100 gross | ${ }^{7}$ |  |
|  | MECHANCAL | ${ }^{734}$ | 330 cross | 2 |  |
|  | $\underset{\substack{\text { funcrow } \\ \text { Room }}}{ }$ | ${ }^{409}$ | ${ }^{15 N E T}$ | ${ }^{27}$ |  |
|  |  | 1980 | ${ }^{2005}$ | ${ }^{9}$ |  |
|  | Pporo hat | 280 | Sonet | 5 |  |
|  |  |  | TOTALFOR floor= | ${ }^{338}$ | 200 |


| FLOOR | AREA | FLOORAREA | FLOOR AREA PER OCCUPANT (FT²OCCUPANT) | OCCUPANT MSBC 1008.0) | PROJECTED OCCUPANTLOAD CODE PURPOSE |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\underset{\substack{\text { eriouno } \\ \text { froon }}}{ }$ | тнеатrer |  | (ACTran mmabr) | 250 |  |
|  | 80okstore | ${ }^{3216}$ | ${ }^{30}$ oross | 11 |  |
|  | THEATER | ${ }_{640}$ | 100 gross | - |  |
|  |  | ${ }^{1850}$ | 15 Net | ${ }^{123}$ |  |
|  | storage | ${ }_{846}$ | 330 oross | 2 |  |
|  | caft prep. | ${ }^{220}$ | 320 gross | 1 |  |
|  | thearertag | 1380 | ${ }^{15 \text { Net }}$ | ${ }^{92}$ |  |
|  | Chawne | 780 | ${ }^{15 \text { Net }}$ | ${ }^{17}$ |  |
|  | $\begin{aligned} & \text { COMPYTER } \\ & \text { LERARYY } \\ & \text { LOUNGE } \end{aligned}$ | 1100 | ${ }^{200 N e}$ | ${ }_{55}$ |  |
|  | VENDING AND RESTROOM <br> RESTRO LOUNG | ${ }^{328}$ | ${ }^{15} \mathrm{Net}$ | ${ }^{21}$ |  |
|  | Atrum | 3420 | ${ }^{15} \mathrm{NeT}$ | ${ }^{228}$ |  |
|  | Stemen | ${ }^{790}$ | ${ }^{15 \text { Net }}$ | ${ }^{52}$ |  |
|  | mectancal | ${ }^{323}$ | 320 oross | 1 |  |
|  |  |  | Total for flloor= | 928 | ${ }_{00}$ |
| Basement |  | ${ }^{3000}$ | ${ }^{30}$ osposs | ${ }^{13}$ |  |
|  |  |  | total for fliogr | ${ }^{13}$ | - |




FIRERESISTANCE RATINGS:
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CARL AND RUTH SHAPIRO CAMPUS CENTER BRANDEIS UNIVERSITY

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ALLOWED FLLOR OPENINGS:

THEATER:

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## PLUMBING FIXTURE COUNTS:

| FLOOR | $\underset{\mathrm{M}}{\text { Water closet }} \underset{\mathrm{F}}{ }$ | $\stackrel{\text { LAVATORIES }}{\mathrm{M}}$ | drinking FOUNTAINS |
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