55. INTERIOR WALLS, PARTITIONS, FLOOR AND CEILING

71. INTERIOR DEMOUNTABLE PARTITIONS ENCLOSING OFFICE AND STAFF SPACES ARE REQUIRED TO HAVE CLASS B RATING AND ASTEM E84.

56. FIRE RATED PARTITIONS SHALL REST DIRECTLY UPON THE CONCRETE FLOOR CONSTRUCTION AND SHALL EXTEND TO THE CONCRETE BASEMENT FLOOR, WHEN REQUIRED, AND BE ATTACHED TO THE WALLS OR COLUMNS WITH CLIP ANCHORS.

2. THE OWNER SHALL BE RESPONSIBLE FOR THE SAFE SIMULTANEOUS APPLICATION OF A LATERAL FORCE OF 40 PLF IN ALL LAB SPACES.

A. IT SHALL HAVE BEEN ACCEPTABLE PRIOR TO THE CONSTRUCTION AND MECHANICAL EQUIPMENT SHALL BE DESIGNATED AND SUPPORT SPACES ARE REQUIRED TO HAVE CLASS B RATING AND ASTEM E84.

7. SHELTERS SHALL BE IN ACCORDANCE WITH RULES OF THE NEW YORK CITY BUILDING CODE 2014.

58. EQUIPMENT USE PERMITS, INSPECTIONS AND TESTS EQUIPMENT REQUIRING USE PERMITS SHALL BE INSPECTED AND TESTED TO DETERMINE PROPER FUNCTIONING AND CONFORM TO THE STANDARDS AND LIMITATIONS AS SPECIFIED IN TABLE 503 AND BC 503. THE LATERAL FORCE OF 40 PLF IN ALL LAB SPACES.

17. THE CONSTRUCTION SITE MAY NOT BE OCCUPIED UNTIL THE REQUIRED APPROVALS FROM THE NYCDOB AND OTHER APPLICABLE CODES, WHEN INDICATED, ARE GIVEN.

23. ALL MATERIALS, ASSEMBLIES AND METHODS OF FIRE TESTS OF BUILDING MATERIALS" AS PER BC802.

744 BROAD STREET
THE ARCHITECT / ENGINEER SHALL HAVE BEEN ACCEPTED BY THE COMMISSIONER OF THE CONSTRUCTION CLASSIFICATION OF THE BUILDING IS CONSTRUCTION GROUP B NON-COMBUSTIBLE TYPE IB LIMITATIONS AS SPECIFIED IN TABLE 503 AND BC 503. THE LATERAL FORCE OF 40 PLF IN ALL LAB SPACES.

70. WOOD REQUIRED TO BE FIRE-RETARDANT-TREATED OR VERTICAL PARTITIONS HAVING THE SAME FIRE RESISTANCE RATING, AND SHALL HAVE BEEN ACCEPTED BY THE CONSTRUCTION GROUP B NON-COMBUSTIBLE TYPE IB LIMITATIONS AS SPECIFIED IN TABLE 503 AND BC 503.

48. 1 HOUR FIRE RATING REQUIRED FOR EXTERIOR WALLS OUTDOORS AT THE CAMPUS LEVEL.

52. CONCRETE BLOCK SHALL COMPLY WITH BC 2103 COLUMN ENCLOSURES, ETC. SHALL BE FIRESTOPPED EXCEPT CONSTRUCTED AS A SHAFT AS PER BC 717 “COHESIVE SPACINGS” AND TO CONFORM TO THE STANDARDS AND LIMITATIONS AS SPECIFIED IN TABLE 503 AND BC 503.

41. SUSPENDED CEILINGS SHALL COMPLY WITH SECTION BC 893 WITH METAL HANGERS, PURLINS AND RUNNERS AS RECOMMENDED BY THE WINDOW CLEANING CODE.

51. EXTERIOR MASONRY WALLS SHALL COMPLY WITH BC 2109 “INSTALLATION OF FIRE DOORS AND WINDOW” OPENING METHODS OF TEST FOR SURFACE BURNING CHARACTERISTICS OF BUILDING MATERIALS” AS PER BC802.

49. 2 HOUR FIRE RATING REQUIRED FOR EXTERIOR WALLS WITHIN 30 FEET OF EXISTING BUILDING. (BC TABLE 602)

1. THE OCCUPANCY CLASSIFICATION OF THE LAB AREA IS OCCUPANCY GROUP I., A.I.S.C.ETC.) WHERE APPLICABLE. ALL MATERIALS REQUIRED FOR ALL INSTALLATIONS.

55. INTERIOR WALLS, PARTITIONS, FLOOR AND CEILING

71. INTERIOR DEMOUNTABLE PARTITIONS ENCLOSING OFFICE AND STAFF SPACES ARE REQUIRED TO HAVE CLASS B RATING AND ASTEM E84.

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Sheet 6 of 315

BC 1704.3.1
BC 1704.3.3
BC 1704.4
BC 1704.7.1
BC 1704.7.2
BC 1704.7.3
BC 1704.7.4

PROPOSED

2 HOUR
250 FEET
2 HOUR
PROPOSED
PROPOSED
PROPOSED
2 HOUR

Date:

Shauqat Shaikh

04/20/2016

ES198177695

Sheet 6 of 315

2 HOUR
250 FEET
2 HOUR
PROPOSED

PROPOSED
PROPOSED
PROPOSED
2 HOUR

BC 1704.8
BC 1704.10
BC 1704.16
BC 1704.20.2
BC 1704.21.2

Shauqat Shaikh

04/20/2016

ES198177695

Sheet 6 of 315

2 HOUR
250 FEET
2 HOUR
PROPOSED

PROPOSED
PROPOSED
PROPOSED
2 HOUR

BC 1704.8
BC 1704.10
BC 1704.16
BC 1704.20.2
BC 1704.21.2

Shauqat Shaikh

04/20/2016

ES198177695

Sheet 6 of 315

2 HOUR
250 FEET
2 HOUR
PROPOSED

PROPOSED
PROPOSED
PROPOSED
2 HOUR

BC 1704.8
BC 1704.10
BC 1704.16
BC 1704.20.2
BC 1704.21.2

Shauqat Shaikh

04/20/2016

ES198177695

Sheet 6 of 315

2 HOUR
250 FEET
2 HOUR
PROPOSED

PROPOSED
PROPOSED
PROPOSED
2 HOUR

BC 1704.8
BC 1704.10
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BC 1704.20.2
BC 1704.21.2

Shauqat Shaikh

04/20/2016

ES198177695

Sheet 6 of 315

2 HOUR
250 FEET
2 HOUR
PROPOSED

PROPOSED
PROPOSED
PROPOSED
2 HOUR

BC 1704.8
BC 1704.10
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Shauqat Shaikh

04/20/2016

ES198177695

Sheet 6 of 315

2 HOUR
250 FEET
2 HOUR
PROPOSED

PROPOSED
PROPOSED
PROPOSED
2 HOUR

BC 1704.8
BC 1704.10
BC 1704.16
BC 1704.20.2
BC 1704.21.2

Shauqat Shaikh

04/20/2016
TOP OF SURFACE OF FLOOR ASSEMBLY.
SAFING (MIN. 4PCF DENSITY) COMPRESSED 33%, FLUSH WITH SPRAY - CFS-SP-WB BY HILTI (B.O.D.) AND MIN. 6" MINERAL WOOL SAFING (MIN. 1/8" (WET) FIRESTOP JOINT SPRAY - CFS-SP-WB BY HILTI) W/ MIN. 1/8" (WET) FIRESTOP JOINT SPRAY - EJ-01 - 3 HR FIRESTOP SYSTEM (SEE ENGINEERING JUDGEMENT # 213083B ISSUED BY HILTI) W/ MIN. 1/8" (WET) FIRESTOP JOINT SPRAY - CFS-SP-WB BY HILTI.

DISTANCE BETWEEN SLAB EDGE AND 2 HR RATED SEAL WALL.

Æ-41
1 HR FIRESTOP SYSTEM SEE ENGINEERING JUDGEMENT
ASSEMBLY (TYP.) 3 HOUR RATED RESTAINED FLOOR ASSEMBLY (TYP.) 3 HOUR RATED RESTAINED FLOOR ASSEMBLY.

Æ-51
HOHMAH INSULATION "R-19" REINFORCED CONCRETE DECK.

Æ-61
MINIMUM R-19 BOARD INSULATION FILL VOID WITH FOAM INSULATION 4" THK. "R-28" INS-03 TYP. TO UNDERSIDE THERMAL INSULATION.

LEVEL 1
7 1/2" CONC. SLAB OVER 3" STEEL DECK.

POLYURETHANE SPRAY FOAM INSULATION 4" THK. "R-28" INS-03 TYP. TO UNDERSIDE THERMAL INSULATION.

3.4/ LBS SQ YD. GALV. LATH - SECURE TO STEEL DECK

SNAP TO SPAN OF BEAM/GIRDER

SPECIFIED STRUCTURAL STEEL
3.4/ LBS SQ YD. GALV. LATH - SECURE TO BEAM/GIRDER

LEVEL 2

3 3/4" CONC. SLAB OVER 3" STEEL DECK.

MONOKOTE #Z-156T FIREPROOFING SPRAY ON CEMENTITIOUS 1" THK. (MIN.)

SCHIST WALL VARIES - MIN 6" DISTANCE BETWEEN SLAB EDGE AND 2 HR RATED SEAL WALL.

Æ-11
1 HR RATED SEAL WALL.

Æ-12
DISTANCE BETWEEN SLAB EDGE AND 2 HR RATED SEAL WALL.

Æ-13
2 HR RATED SEAL WALL.

Æ-14
3 HR RATED SEAL WALL.

Æ-15
4 HR RATED SEAL WALL.

Æ-16
5 HR RATED SEAL WALL.

Æ-17
6 HR RATED SEAL WALL.

Æ-18
7 HR RATED SEAL WALL.

Æ-19
8 HR RATED SEAL WALL.

Æ-20
9 HR RATED SEAL WALL.

Æ-21
10 HR RATED SEAL WALL.

Æ-22
11 HR RATED SEAL WALL.

Æ-23
12 HR RATED SEAL WALL.

Æ-24
13 HR RATED SEAL WALL.

Æ-25
14 HR RATED SEAL WALL.

Æ-26
15 HR RATED SEAL WALL.

Æ-27
16 HR RATED SEAL WALL.

Æ-28
17 HR RATED SEAL WALL.

Æ-29
18 HR RATED SEAL WALL.

Æ-30
19 HR RATED SEAL WALL.

Æ-31
20 HR RATED SEAL WALL.

Æ-32
21 HR RATED SEAL WALL.

Æ-33
22 HR RATED SEAL WALL.

Æ-34
23 HR RATED SEAL WALL.

Æ-35
24 HR RATED SEAL WALL.

Æ-36
25 HR RATED SEAL WALL.

Æ-37
26 HR RATED SEAL WALL.

Æ-38
27 HR RATED SEAL WALL.

Æ-39
28 HR RATED SEAL WALL.

Æ-40
29 HR RATED SEAL WALL.

Æ-41
30 HR RATED SEAL WALL.

Æ-42
31 HR RATED SEAL WALL.

Æ-43
32 HR RATED SEAL WALL.

Æ-44
33 HR RATED SEAL WALL.

Æ-45
34 HR RATED SEAL WALL.

Æ-46
35 HR RATED SEAL WALL.

Æ-47
36 HR RATED SEAL WALL.

Æ-48
37 HR RATED SEAL WALL.

Æ-49
38 HR RATED SEAL WALL.
**AMPHITHEATER EXIT DISCHARGE DIAGRAM - LEVEL 3**

**LIFE SAFETY LEGEND**
- 2HR FIRE RATED WALL
- 1HR FIRE RATED WALL
- 1/2HR FIRE RATED WALL
- OUTDOOR TRAVEL DISTANCE LINE
- HANDICAP ACCESS ROUTE
- EXIT NAME
- MAX DISCHARGE CAPACITY
- ACTUAL DISCHARGE NUMBER

**AMPHITHEATER EXIT DISCHARGE BREAKDOWN**

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<tr>
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<tr>
<td>C</td>
<td>53</td>
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**AMPHITHEATER LEVEL 3 DISCHARGE BREAK DOWN**

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<tr>
<td>C</td>
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**RIVER BUILDING DISCHARGE BREAKDOWN**

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**SUM**

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**SUM**

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**TOTAL**

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**TOTAL**

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</thead>
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<td>TOTAL</td>
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</tbody>
</table>

**E G E R G  * D O O R M A X D I S C H A R G E C A P A C I T Y = D O O R W I D T H / 0.2**

**E G E R G  * P A T H M A X D I S C H A R G E C A P A C I T Y = P A T H W I D T H / 0.2**

**AS PER BC 105.1**
**Life Safety Legend**

- 2 HR Fire Rated Wall
- 1.5 HR Fire Rated Wall
- 1 HR Fire Rated Wall
- Indoor Travel Distance Line
- Outdoor Travel Distance Line
- Handicap Access Route
- Existing Pedestrian Tunnel
- Exit Name
- Max Discharge Capacity
- Actual Discharge Number

---

**Gasser Hall Plant Ops Office**

**Occupancy Group**

<table>
<thead>
<tr>
<th>Area</th>
<th>Floor Area in SF Per Occupant</th>
<th># of Occupants</th>
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</thead>
<tbody>
<tr>
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</tbody>
</table>

Total Occupancy: 25

---

**River Building Discharge Through Gasser Hall**

<table>
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<th>Area</th>
<th>Floor Area in SF Per Occupant</th>
<th># of Occupants</th>
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<tbody>
<tr>
<td>B</td>
<td>2451 GSF</td>
<td>25</td>
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</tbody>
</table>

Total Occupancy: 25

---

**Overall Discharge Through Gasser Hall**

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<th>Area</th>
<th>Floor Area in SF Per Occupant</th>
<th># of Occupants</th>
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</thead>
<tbody>
<tr>
<td>B</td>
<td>2451 GSF</td>
<td>25</td>
</tr>
</tbody>
</table>

Total Occupancy: 25

---

* Egress Door Max Discharge Capacity = Door Width / 0.2
* Egress Path Max Discharge Capacity = Path Width / 0.2
* Egress Stair Max Discharge Capacity = Stair Width / 0.3
* As per BC 1005.1

---

**Sheets:**

- Sheet 19 of 315

---

**Notes:**

- As per BC 1004, Table 1004.1.1

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**Approvals:**

- Shauqat Shaikh
- 04/20/2016

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**Scale:**

1/8" = 1'-0"
FLOOR AREA CALCULATIONS, BLOCK 1480 AND BLOCK 1475*

**INTERACTIVE CONFERENCE CENTER**
- 1 FLOOR
  - 4,944
  - 4,503

**SUBTOTAL**
- 4,944
- 4,493

**FLOOR AREA**

**INTERACTIVE CONFERENCE CENTER**
- 1 FLOOR
  - 4,944

**SUBTOTAL**
- 4,944
- 4,493

**LOT AREA**
- 586,917
- 12,530
- 527,432

**FLOOR AREA AND FLOOR AREA RATIO BY USE**

**FLOOR AREA - BLOCK 1480**
- LOT COVERAGE
  - 14,639
  - 14,027
  - 24,668

**FLOOR AREA - BLOCK 1475**
- LOT COVERAGE
  - 14,181
  - 13,245
  - 27,426

**TOTAL FLOOR AREA AND FLOOR AREA RATIO**
- 25,820
- 27,272
- 53,092

**LOT COVERAGE**
- 30,676

**NEW BLOCK CONSTRUCTION 1480**

**EXISTING FLOOR AREA**
- FLOOR AREA - COMMUNITY FACILITY
  - 12,350

**PROPOSED FLOOR AREA**
- FLOOR AREA - COMMUNITY FACILITY
  - 12,350

**NEW BLOCK CONSTRUCTION 1475**

**EXISTING FLOOR AREA**
- FLOOR AREA - COMMUNITY FACILITY
  - 12,350

**PROPOSED FLOOR AREA**
- FLOOR AREA - COMMUNITY FACILITY
  - 12,350

---

**ZONING COMPUTATIONS**

**NEW BUILDING BLOCK 1480 FLOOR AREA ELEVATION**

**EXISTING FLOOR AREA**
- FLOOR AREA - COMMUNITY FACILITY
  - 12,350

**NEW BLOCK CONSTRUCTION 1480 LOT 69X**
- PROPOSED FLOOR AREA
  - 12,350

**NEW BLOCK CONSTRUCTION 1475 LOT 75X**
- PROPOSED FLOOR AREA
  - 12,350

**TOTAL**
- 24,668
- 27,426
- 52,094

---

**DISCLAIMER**

DISCREPANCIES IDENTIFIED IN THIS DOCUMENT MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE PROCEEDING. CONTRACTORS MUST VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK.
SIMILAR GROUND RELATED DATUM, SHALL BE FROM THE #FLOOD-RESISTANT CONSTRUCTION ELEVATION#.

MEAN CURB LEVEL IS ESTABLISHED FOR THIS PROJECT UNDER THE MODIFICATION OF THE PREVIOUSLY-APPROVED LARGE 64-21 GROUND FLOOR USE.

THE LOWEST OCCUPIABLE FLOOR REQUIRES NO RELIEF PROVIDED BY THIS SECTION.

64-312 ENTRYWAYS IN ALL OTHER BUILDINGS

WHERE THE PROVISIONS OF THIS SECTION ARE UTILIZED, THE STANDARDS OF SECTION 64-622 (LOBBY OR NON-RESIDENTIAL USE) SHALL BE MET.

LEVEL 3 (BASE OF BUILDING)

LEVEL D

LEVEL C (BASE OF BUILDING)

LEVEL 2

LEVEL 1

FLOOD RESISTANT CONSTRUCTION ELEVATION

FLOOD-RESISTANT CONSTRUCTION LEVEL

LEVEL 0

TRANSPARENT GLAZING MATERIALS SHALL OCCUPY AT LEAST 40 PERCENT OF THE SURFACE AREA OF THE #STREET WALL# OF THE LOBBY, MEASURED BETWEEN A HEIGHT OF TWO FEET ABOVE THE LEVEL OF THE FIRST FINISHED FLOOR ABOVE #CURB LEVEL#. ANY PERMITTED #NON-RESIDENTIAL USE#, OTHER THAN #ACCESSORY##. NO TRANSPARENCY REQUIREMENT IS REQUIRED. NOTE THAT THE PROPOSED ACCESS POINTS TO THE BUILDING PROVIDE SUBSTANTIAL TRANSPARENCY.
APPROVED
Under Directive 2 of 1975
Date:
Shauqat Shaikh
04/20/2016
GENERAL PLAN NOTES:
1. REFER TO SHEETS A-151 & A-152 AND A-155 THRU A-163 FOR FINISH PLAN.
2. REFER TO SHEETS A-166 & A-167 AND A-169 THRU A-178 FOR LAB CASEWORK LAYOUT.
3. REFER TO THE A-600 SERIES FOR ENLARGED PLANS AND INTERIOR ELEVATIONS.
4. REFER TO A-625 THRU A-628 FOR LAB BENCH MILLWORK ELEVATIONS.
5. REFER TO SHEETS A-700.00 & A-701.00 FOR ADDITIONAL PARTITION TYPE INFORMATION

LEGEND
- 1 HOUR RATED EXTERIOR BUILDING WALLS WITHIN 30' OF FIRE SEPARATION MATCH LINE

FOR NORTH

EXISTING SCHIST WALL

MATCH LINE

FOR SOUTH

MEDIAN

8.50
6.50
4.50
2.50
1.50
1.75
1.90
2.25
2.50
1.25

SECTOR A - FLOOR PLAN - LEVEL D
1. REFER TO SHEETS A-151 & A-152 AND A-155 THRU A-163 FOR FINISH PLAN.

2. REFER TO SHEETS A-166 & A-167 AND A-169 THRU A-178 FOR LAB CASEWORK LAYOUT.

3. REFER TO THE A-600 SERIES FOR ENLARGED PLANS AND INTERIOR ELEVATIONS.

4. REFER TO A-625 THRU A-628 FOR LAB BENCH MILLWORK ELEVATIONS.

5. REFER TO SHEETS A-700.00 & A-701.00 FOR ADDITIONAL PARTITION TYPE INFORMATION NOT IN CONTRACT.
1. REFER TO SHEETS A-151 & A-152 AND A-155 THRU A-163 FOR FINISH PLAN.
2. REFER TO SHEETS A-166 & A-167 AND A-169 THRU A-178 FOR LAB CASEWORK LAYOUT.
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5. REFER TO SHEETS A-700.00 & A-701.00 FOR ADDITIONAL PARTITION TYPE INFORMATION NOT IN CONTRACT
   1 HOUR RATED EXTERIOR BUILDING WALLS WITHIN 30' OF FIRE SEPARATION MATCH LINE

GENERAL PLAN NOTES:
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3. REFER TO THE A-600 SERIES FOR ENLARGED PLANS AND INTERIOR ELEVATIONS.
4. REFER TO A-625 THRU A-628 FOR LAB BENCH MILLWORK ELEVATIONS.
5. REFER TO SHEETS A-700.00 & A-701.00 FOR ADDITIONAL PARTITION TYPE INFORMATION.

NOT IN CONTRACT
1 HOUR RATED EXTERIOR BUILDING WALLS WITHIN 30' OF FIRE SEPARATION MATCH LINE

1/8" = 1'-0"
3. Refer to the A-600 series for enlarged plans and interior elevations.
4. Refer to A-625 thru A-628 for lab bench millwork elevations.
5. Refer to sheets A-700.00 & A-701.00 for additional partition type information not in contract.

Legend:
- 1-hour rated exterior building walls within 30' of fire separation
- Match line

General plan notes:
- The architect/engineer shall have no responsibility for any liability, loss, cost, damage or expense arising from or relating to any use of this document for any purpose other than its intended purpose on this project. This document is to be considered in conjunction with all related documentation. Any discrepancies identified in this document must be reported immediately to the architect before proceeding. Contractors must verify all dimensions prior to proceeding with any work.
SOUTH PAVILION DINING PLUMBING FIXTURE COUNTS IN COMPLIANCE WITH NYC PC 433.1

**MEN**

- TOILETS: 2
- WASHBASINS: 2
- COUNTERS: 1

**WOMEN**

- TOILETS: 2
- WASHBASINS: 2
- COUNTERS: 1

*ADDITIONAL 1 UNI-SEX BATHROOM PROVIDED IN KITCHEN AREA*
GENERAL PLAN NOTES:

1. REFER TO SHEETS A-151 & A-152 AND A-155 THRU A-163 FOR FINISH PLAN.

2. REFER TO SHEETS A-166 & A-167 AND A-169 THRU A-178 FOR LAB CASEWORK LAYOUT.

3. REFER TO THE A-600 SERIES FOR ENLARGED PLANS AND INTERIOR ELEVATIONS.

4. REFER TO A-625 THRU A-628 FOR LAB BENCH MILLWORK ELEVATIONS.

5. REFER TO SHEETS A-700.00 & A-701.00 FOR ADDITIONAL PARTITION TYPE INFORMATION NOT IN CONTRACT.

1 HOUR RATED EXTERIOR BUILDING WALLS WITHIN 30' OF FIRE SEPARATION MATCH LINE

NOT IN CONTRACT
NON RATED PARTITION
1 HOUR RATED
2 HOUR RATED
1 HOUR RATED EXTERIOR BUILDING WALLS WITHIN 30' OF FIRE SEPARATION
MATCH LINE

LOCATION PLAN
ARCHITECT / ENGINEER SEAL

CONSTRUCTION DOCUMENTS

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THE ROCKEFELLER UNIVERSITY RIVER BUILDING 1228 YORK AVENUE, NEW YORK, NY 10065

APPROVED
Under Directive 2 of 1975
Date:
Shauqat Shaikh
04/20/2016

A-128.00
Sheet 45 of 63
1/8" = 1'-0" 1
NORTH PAVILION - PLAN - ROOF

1 E&F ADDENDUM 31-JULY-15
2 DOB SUBMISSION 20-AUG-15
3 DOB SUBMISSION - RB 01-OCT-15
4 PROGRESS SET 30-OCT-15
5 DOB SUBMISSION - RB 16-DEC-15
1. REFER TO SHEETS A-151 & A-152 AND A-155 THRU A-163 FOR FINISH PLAN.
2. REFER TO SHEETS A-166 & A-167 AND A-169 THRU A-178 FOR LAB CASEWORK LAYOUT.
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1 HOUR RATED EXTERIOR BUILDING WALLS WITHIN 30' OF FIRE SEPARATION MATCH LINE

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4. REFER TO A-625 THRU A-628 FOR LAB BENCH MILLWORK ELEVATIONS.
5. REFER TO SHEETS A-700.00 & A-701.00 FOR ADDITIONAL PARTITION TYPE INFORMATION.

NOT IN CONTRACT

1 NON RATED PARTITION

1 HOUR RATED

2 HOUR RATED EXTERIOR BUILDING WALLS WITHIN 30' OF FIRE SEPARATION

MATCH LINE

1228 YORK AVENUE, NEW YORK NY 10065

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NOTE: PROVIDE SMOKER AND FIRESTOPPING BETWEEN NEW AND EXISTING SHIST WALL AS REQUIRED.
APPROVED
Under Directive 2 of 1975

Date:
Shauqat Shaikh
04/20/2016

ES835903253
NOTE:
REFER TO FDR SYSTEMS PACKAGE FOR FIRE PROTECTION, LIGHTING, PLUMBING, AND MECHANICAL SYSTEMS TO BE INSTALLED AT THIS LEVEL.
### Notes:

1. **基础设计：**
   - 详细设计用于意图。
   - 参考规格部分122413对要求。

2. **提供遮阳滚动窗**：
   - 在边缘

3. **提供机械遮阳系统**：
   - 在中间

4. **提供遮阳面板24"Lx6"W "全长度"**
   - 位于“EAST”SINGLE/DOUBLE SHADE”北与南平台-“DOUBLE SHADE” ICC

5. **DOB提交- RB**
   - 需参阅E-002.00照明装置表

6. **楼层：**
   - 1层 & 2层
   - "SINGLE SHADE" 分别位于1层与2层,

7. **RCP系统：**
   - 水平1

8. **进一步信息**
   - 参阅机械图纸

### 说明：

- 箭头指示方向。
- 出口标志与电池备份。
- 遮阳指示照亮的面。
- 墙面标示Fume Hood，参阅...
- 窗口标明安全出口。
- 2'x2' flush gypsum access.
APPROVED
Under Directive 2 of 1975
Date:
Shauqat Shaikh
04/20/2016

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
2020 YORK AVENUE, NEW YORK, NY 10065

RAFAEL VINOLY ARCHITECTS
1228 YORK AVENUE, NEW YORK, NY 10065

MECHANICAL ROOM LIGHTING REFER TO ELECTRICAL DRAWINGS FOR FURTHER INFORMATION

FOR MECHANICAL ROOM LIGHTING REFER TO ELECTRICAL DRAWINGS FOR FURTHER INFORMATION

DENOTES: SLOPED GYPSUM CEILING
DENOTES: FUME HOOD, REFER TO EGRESS.
SHADING INDICATES ILLUMINATED FACE, EXIT SIGN WITH BATTERY BACKUP.
MECHANICAL DRAWINGS FOR REFERENCE.

BASIS OF DESIGN:
1. REFER TO E-001.00 FOR LIGHTING, FIXTURE & RECEPTACLE
2. REFER TO E-002.00 FOR LIGHTING FIXTURE SCHEDULE
3. PROVIDE ROLLER WINDOW SHADE AT PERIMETER
4. PROVIDE RADIANT PANELS 24"LX6"W "FULL LENGTH AT "EAST \"SINGLE/DOUBLE SHADE" AT NORTH & SOUTH PAVILION - \"SINGLE SHADE" AT LEVEL 1 & LEVEL 2,

MECHOSHADE SYSTEMS INC.
REFER TO SPEC SECTION 122413 FOR REQUIREMENTS.

BASIS OF DESIGN:
LAYOUT FOR INTENT.
CURTAINWALL LOCATION (TYP.) RCP PLANS SHOW DIAGRAMATIC

REFER TO E-002.00 FOR LIGHTING FIXTURE SCHEDULE
SYMBOL LIST

1. REFER TO E-001.00 FOR LIGHTING, FIXTURE & RECEPTACLE
2. REFER TO E-002.00 FOR LIGHTING FIXTURE SCHEDULE
3. PROVIDE ROLLER WINDOW SHADE AT PERIMETER
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REFER TO SPEC SECTION 122413 FOR REQUIREMENTS.

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LAYOUT FOR INTENT.
CURTAINWALL LOCATION (TYP.) RCP PLANS SHOW DIAGRAMATIC

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5 PROVIDE RADIANT PANELS 24"LX6"W "FULL LENGTH AT "EAST" SINGE/DOUBLE SHADE" AT NORTH & AND SOUTH PAVILION - "DOUBLE SHADE" ICC MECHOSHADE SYSTEMS INC. REFER TO SPEC SECTION 122413 FOR REQUIREMENTS.

3 PROVIDE ROLLER WINDOW SHADE AT PERIMETER

1 REFER TO E-001.00 FOR LIGHTING, FIXTURE & RECEPT ACLE

NOTES:

1. SCALE: 1/8" = 1'-0"

2. DRAWING TITLE: SECTOR E - RCP - LEVEL 1

3. DRAWING DESCRIPTION: DEPICTED ON 14/A-772.

4 CONSTRUCTION DRAWING SCALE

5. DRAWING SIZE: 24" x 36"

6 PTSD OF BLDGS Job Number Scan Code

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Sheet 74 of 315
1. PROVIDE HOUR RATED GYPSUM CEILING.

2. REFER TO E-002.00 FOR LIGHTING FIXTURE SCHEDULE SYMBOL LIST.

3. PROVIDE ROLLER WINDOW SHADE AT PERIMETER.

4. PROVIDE RADIANT PANELS 24"LX6"W "FULL LENGTH AT "EAST" Single/Double Shade" AT NORTH & SOUTH PAVILION - Double Shade" ICC MECHOSHADE SYSTEMS INC.

BASIS OF DESIGN:
REFER TO SPEC SECTION 122413 FOR REQUIREMENTS.

CURTAINWALL ENCLOSURE. LOCATE IN BETWEEN COLUMNS.

5. PROVIDE FUME HOOD, REFER TO MECHANICAL DRAWINGS FOR FURTHER INFORMATION.

DENOTES: FUME HOOD, REFER TO MECHANICAL DRAWINGS FOR FURTHER INFORMATION.

DENOTES: SLOPED GYPSUM CEILING - FURTHER INFORMATION

DENOTES: END LOCATION OF RADIANT PANEL SUPPORT

6. PROVIDE ROLLER WINDOW SHADE AT PERIMETER.

NOTES:

- MECHOSHADE SYSTEMS INC.
- BASIS OF DESIGN:
- REFER TO SPEC SECTION 122413 FOR REQUIREMENTS.
- CURTAINWALL ENCLOSURE. LOCATE IN BETWEEN COLUMNS.
- PROVIDE FUME HOOD, REFER TO MECHANICAL DRAWINGS FOR FURTHER INFORMATION.
- DENOTES: FUME HOOD, REFER TO MECHANICAL DRAWINGS FOR FURTHER INFORMATION.
- DENOTES: SLOPED GYPSUM CEILING - FURTHER INFORMATION
- DENOTES: END LOCATION OF RADIANT PANEL SUPPORT

DRAWING SCALE: 1/8" = 1'-0"
DRAWING SIZE: 24" x 36"

DEPT OF BLDGS Job Number Scan Code

ARCHITECTS PROJECT NUMBER DATE DESCRIPTION REV MEP / FP ENGINEER STRUCTURAL ENGINEER ARCHITECT

PROJECT PHASE

2 PROGRESS SET 30-OCT-15
1 TRANSITION
DOB SUBMISSION ­ RB

DOCUMENTS

SCALE:  1/8" = 1'-0"
APPROVED
Under Directive 2 of 1975
Date:
Shauqat Shaikh
04/20/2016
ES831897479
Under Directive 2 of 1975

Shauqat Shaikh

Date:

APPROVED

1. Finish abbreviations to be used as a guide to finishes, types, and finish schedules on A-820.
2. All walls, and floor finishes to meet code requirements and building rating.
3. Paint all exterior board siding and undersides of sections in unless otherwise noted.
4. All interiors of ducts behind exposed ceiling due to design and use. No frames to receive flat paint black unless called out as adjacent accent panels. 
5. Smooth plaster to receive paint. 
6. Prior to installation of wall finish, all small wall, wall, and doors and frames, to receive flat primer. 
7. All hollow metal doors and frames to receive two coats of latex primer. 
8. All hollow metal, door frames, and miscellaneous millwork unless otherwise noted. Doors, coils, and grills to have architect's sample. 
9. Where carpet occurs, use straight cove base unless otherwise noted. 
10. Inside of elevator hostways to receive 1 coat of latex primer. 
11. Door finish to match architect's samples. 
12. All exposed components of roof, doors, coils, and grills to have architect's sample. 
13. All exposed hardwood millwork when scheduled to be painted. 
14. Paint both sides of hollow metal doors and frames. Where door frame has two colors, do color to terminate at inside edge of door jamb on room side as typical. 
15. Paint color throughout entire project to be finished by owner and architect.

### General Notes for Finishes

**1.** All finishes to be used as a guide to finishes, types, and finish schedules on A-820.

**2.** All walls and floor finishes to meet code requirements and building ratings.

**3.** Paint all exterior board siding and undersides of sections unless otherwise noted.

**4.** All interiors of ducts behind exposed ceilings due to design and use. No frames to receive flat paint black unless called out as adjacent accent panels.

**5.** Smooth plaster to receive paint.

**6.** Prior to installation of wall finish, all small wall, wall, and doors and frames to receive two coats of latex primer.

**7.** All hollow metal doors and frames to receive two coats of latex primer.

**8.** All hollow metal, door frames, and miscellaneous millwork to receive two coats of latex primer.

**9.** Where carpet occurs, use straight cove base unless otherwise noted.

**10.** Inside of elevator hostways to receive one coat of latex primer.

**11.** Door finish to match architect's samples.

**12.** All exposed components of roof, doors, coils, and grills to have architect's sample.

**13.** All exposed hardwood millwork to be scheduled for paint.

**14.** Paint both sides of hollow metal doors and frames. Where door frame has two colors, do color to terminate at inside edge of door jamb on room side as typical.

**15.** Paint color throughout entire project to be finished by owner and architect.

### Document Information

- **Date:** 04/20/2016
- **Architect:** Rafael Vinoly Architects PC
- **Project:** Rockefeller University River Building
- **Scale:** 1/8" = 1'-0"
GENERAL NOTES FOR FINISHES:
1. FINISH ABBREVIATIONS TO BE USED AS A GUIDE TO FINISH PLANS. SEE SPECIFICATIONS AND FINISH PLANS.
2. ALL WALL AND FLOOR FINISHES TO MEET CODE REQUIREMENTS.
3. FINISH ALL CEILINGS OF EXPOSED FRAMES, UNLESS OTHERWISE NOTED.
4. ALL INTERIORS OF DUCTS BEHIND EXPOSED WOOD CEILINGS TO BE PAINTED.
5. ALL CEILINGS, LIGHTS, HANDRAILS, AND OPERABLE PARTS TO RECEIVE PAINT.
6. ALL EXTERIOR WINDOWS TO BE PAINTED.
7. ALL EXTERIOR DOORS TO BE PAINTED.
8. ALL EXTERIOR HANDRAILS TO BE PAINTED.
9. ALL EXTERIOR LIGHTS TO BE PAINTED.
10. ALL EXTERIOR MULLIONS TO BE PAINTED.
11. ALL EXTERIOR MILLWORK TO BE PAINTED.
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64. ALL EXTERIOR MILLWORK TO BE PAINTED.
65. ALL EXTERIOR MILLWORK TO BE PAINTED.
LEVEL 1
32' - 1 1/2"

LEVEL 2
52' - 8"

LEVEL 3
74' - 6"

OVERALL 779.4 SF
36.3% WALL OPENING
PER BC 705.8

DOB SUBMISSION - RB           16–DEC–15

APPROVED
Under Directive 2 of 1975
Date:
Shauqat Shaikh
04/20/2016
BUILDING ENCLOSURE GENERAL NOTES

1. SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS

2. SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS

PC-03

BUILDING GEOMETRY FOLD LINE

SP-01

BUILDING GEOMETRY FOLD LINE

MP-05

BUILDING GEOMETRY FOLD LINE

8.75

9

9.25

BUILDING GEOMETRY FOLD LINE

BUILDING GEOMETRY FOLD LINE

LEVEL 1

32' - 1 1/2"

LEVEL 2

52' - 8"

LEVEL 3

74' - 6"

LEVEL 3 PROMENADE

72' - 10 3/4"

GRADE CONNECTION

24' - 0"

MTL-02

A-324

PC-03

SP-01

BUILDING GEOMETRY FOLD LINE

SP-01

BUILDING GEOMETRY FOLD LINE

SP-01

BUILDING GEOMETRY FOLD LINE

LEVEL 1

32' - 1 1/2"

LEVEL 2

52' - 8"

LEVEL 3

74' - 6"

LEVEL 3 PROMENADE

72' - 10 3/4"

GRADE CONNECTION

48' - 8"

BUILDING GEOMETRY FOLD LINE

BUILDING GEOMETRY FOLD LINE

BUILDING GEOMETRY FOLD LINE

BUILDING GEOMETRY FOLD LINE

BUILDING GEOMETRY FOLD LINE

BUILDING GEOMETRY FOLD LINE

LEVEL 1

32' - 1 1/2"

LEVEL 2

52' - 8"

LEVEL 3

74' - 6"

LEVEL 3 PROMENADE

72' - 10 3/4"

GRADE CONNECTION

48' - 8"

BUILDING GEOMETRY FOLD LINE

BUILDING GEOMETRY FOLD LINE

BUILDING GEOMETRY FOLD LINE

BUILDING GEOMETRY FOLD LINE

BUILDING GEOMETRY FOLD LINE

BUILDING GEOMETRY FOLD LINE

BUILDING GEOMETRY FOLD LINE

LEVEL 1

32' - 1 1/2"

LEVEL 2

52' - 8"

LEVEL 3

74' - 6"

LEVEL 3 PROMENADE

72' - 10 3/4"

GRADE CONNECTION

48' - 8"
BUILDING ENCLOSURE GENERAL NOTES

1. SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS

2. SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS

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THE ROCKEFELLER UNIVERSITY
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LOCATION PLAN
ARCHITECT / ENGINEER SEAL

CONSTRUCTION DOCUMENTS

SCALE:  1/8" = 1'-0" 2

BUILDING ENVELOPE REFERENCE PLAN - NORTH PAVILLION

1 PRELIMINARY BUILDING ENCLOSURE PACKAGE

19-JAN-15

2 DESIGN DEVELOPMENT 27-FEB-15

3 PROGRESS SET 30-OCT-15

4 PROGRESS SET ADD1 XX-NOV

5 DOB SUBMISSION ­ RB 16­DEC­15

Sheet 102 of 315
BUILDING ENCLOSURE GENERAL NOTES

1. SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS

2. SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
BUILDING ENCLOSURE GENERAL NOTES

1. SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS

2. SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS

---

THE ROCKEFELLER UNIVERSITY
RIVER BUILDING
862 YORK AVENUE, NEW YORK NY 10065

CIVIL ENGINEER & LANDSCAPE ARCHITECT

ARCHITECTS PROJECT NUMBER: 04-0010

DATE: 04/20/2016

REVISION: A-1

ARCHITECT / ENGINEER SEAL

CONSTRUCTION DOCUMENTS

DOB REV.

PRELIMINARY BUILDING ENCLOSURE PACKAGE

19-JAN-15

DESIGN DEVELOPMENT

27-FEB-15

PROGRESS SET

30-OCT-15

DOB SUBMISSION - RB

16-DEC-15

---

DRAWING TITLE

BUILDING PLAN & ELEVATIONS - SOUTH PAVILION CURTAIN WALL PANEL

SCALE: 1/8" = 1'-0"
BUILDING ENCLOSURE GENERAL NOTES

1. SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE
   LIST ALL EXTERIOR BUILDING MATERIALS

2. SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
LEVEL 1
32' - 1 1/2"

LEVEL 2
52' - 8"

LEVEL 3
74' - 6"

LEVEL C (BASE OF BUILDING)
25' - 0"

EXISTING SCHIST WALL CORNICE TO BE DEMOLISHED ONLY AT STEEL PENETRATIONS

EXISTING NURSES BUILDING
21' - 10"

RF-06
SEAL WALL
PATCH REPAIR AND WATERPROOF AS REQUIRED
PATCH AND REPAIR ROOF AS REQUIRED

A-360
1

EXISTING SCHIST WALL LEVEL 2 +60'
60' - 1 5/8"

T.O. SLAB LEVEL 2
51' - 4"

LEVEL 3 PROMENADE
72' - 10 3/4"

TO SLAB LEVEL 3
72' - 0"

A-008
2

SIM TO SLAB LEVEL 1
30' - 9 1/2"

CAFETERIA PARAPET
91' - 11"

MP-05
3042
KITCHEN
3041
SERVERY
1471
ELEC
1073
EMR
C1013
CORRIDOR
SP-01

BUILDING ENCLOSURE GENERAL NOTES
1. SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
2. SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
3. SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

THE ROCKEFELLER UNIVERSITY
RIVER BUILDING
1228 YORK AVENUE, NEW YORK, NY 10065

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LEVEL 1
32' - 1 1/2"

LEVEL 2
52' - 8"

LEVEL 3
74' - 6"

LEVEL C (BASE OF BUILDING)
25' - 0"

EXISTING BUILDING
WALL

MECHANICAL ROOM “C”

EXISTING NURSES BUILDING
21' - 10"
20' - 6 1/2"
7' - 1 1/2"

EXISTING SCHIST WALL

EXISTING SCHIST WALL CORNICE TO BE DEMOLISHED

LEVEL 2 +60'
60' - 1 5/8"

T.O. SLAB LEVEL 2
51' - 4"

LEVEL 3 PROMENADE
72' - 10 3/4"

A-360
2

A-327

BUILDING ENCLOSURE GENERAL NOTES
1. SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
2. SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
3. SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

SECTION MECHANICAL ROOM “C”
LEVEL 1
32' - 1 1/2"

LEVEL 2
52' - 8"

LEVEL 3
74' - 6"

EXISTING RRB BUILDING
EXISTING SIDEWALK

RL-01
RAISED FLOOR
A-421
2
A-431
2

21' - 10"

RFR
LEVEL 2 +60'
60' - 1 5/8"

T.O. SLAB LEVEL 2

LEVEL 3 PROMENADE
72' - 10 3/4"

TO SLAB LEVEL 3

TO SLAB LEVEL 1

CAFETERIA PARAPET
91' - 11"

9.75
10
10.25
10.45

20' - 6 1/2"

CAST CURB. REFER TO LANDSCAPE PLANS

RF-02
10"
10"
10"
8"
5"

CAST STONE TOP
CONCRETE BASE
PIN IN PLACE

WM-01
INS-01

A-008
1

RF-01

BUILDING ENCLOSURE GENERAL NOTES
1. SEE A-101 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
2. SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
3. SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

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RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065

INTERIOR LIGHTING DESIGNER

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STAINLESS STEEL
EXPANSION FLASHING
WATER PROOFING
MEMBRANE

5" 7 1/2"

CAFETERIA PARAPET
91' - 11"

N

N

664.100
24" x 36"
EXISTING CONC. SLAB TO REMAIN
EXISTING STONE CORNICE TO BE DEMOLISHED
ACTUAL CONDITIONS MAY VARY (V.I.F)
NOTIFY ARCHITECT OF ANY DISCREPANCIES UPON DISCOVERY
LOWER EXISTING SCHIST WALL TO REMAIN

LEVEL 1
32' - 1 1/2"
30' - 9 1/2"
4' - 0 1/2"
2' - 0"
EXISTING SCHIST WALL
NEW ISOLATED METAL FRAME
NEW WALL W. WATERPROOFING IMN (IP HIGH)
FACE OF SCHIST WALL BEHIND
EXISTING CONCRETE SILL
NEW INSULATED METAL PANEL
7'-2"
NEW 6'-0" x 7'-2"
STAINLESS STEEL PAIRED FLOOD DOOR
REMOVABLE CENTER MULLION
GRADES BEHIND
SIDE WALK
EXISTING SCHIST WALL
FLOOD LINE 9'-4 1/4"
2 HOUR RATED EXPANSION JOINT FOAM

APPROVED
Under Directive 2 of 1975
Date:
Shauqat Shaikh
04/20/2016

NEW BUILDING
A-386
METAL DECK SLAB ASSEMBLY
LEVEL 2
LEVEL 2
52' - 8"
52' - 8"

EXISTING BUILDING
48' - 6"

6" CURB AND WATER PROOFING SEAL AFTER DEMOLITION OF CORNICE PRIOR TO PLACEMENT OF LAB SECTION 6"

6" 48' - 6"

2 HOUR RATED GYB BD CEILING AS REQ'D

STEEL LINTEL REFER TO STRUCTURAL DRAWINGS S-900 SERIES

EXISTING SCHIST PORTION WALL TO BE REMOVED REFER TO DWG DM-107

1 1/2 HOUR RATED DOOR AND GLAZING PARTITION ASSEMBLY

VESTIBULE ELEVATOR "D"

8' - 11 3/4"

CONNECTION SECTION DETAIL AT ELEVATOR LOBBY D HEAD

SCALE:  3/4" = 1'-0"

CONC SLAB
EXPANSION TOP OF EXISTING FLOOR SLIP PAD NEW FLOOR TBD 2 ROLL UP DOOR

9.50 9.50

A-385

4" INSULATION AS SPECIFIED NEW FINISH FLOOR GROUT LEVELING OF OPENING PRIOR SEAL WALL TO NEW CONSTRUCTION. METAL ANGLE Anchor AND GROUT INTO EXISTING 8" CONCRETE CURB SCHIST WALL

FIRE-STOP DOOR AND GLAZING PARTITION WALL SYSTEM LEVEL C (BASE OF BUILDING) ELEVATOR "D" LEVEL 1 10' - 2"
PIT 32' - 1 1/2"
LEVEL 1 30' - 9 1/2"
LEVEL 1 30' - 9 1/2"

1 1/2 HOUR RATED ROLL UP DOOR 30' - 9 1/2" 10' - 2"
LEVEL 1 32' - 1 1/2"

LEVEL 1 30' - 9 1/2"

10 1/2" COMPOSITE METAL DECK AND CONCRETE SLAB ASSEMBLY EXISTING SCHIST WALL REFER TO 1/A-008 FIRE STOP
VAPOR BARRIER STRUCTURAL BEAM WITH FIRE PROOFING WALL EXPANSION WALL JOINT ASSEMBLIES TO SLAB LEVEL 1 30' - 9 1/2"
METAL DECK SLAB ASSEMBLY 32' - 1 1/2"
ELEVATOR "D" LEVEL 1 LEVEL 1

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

SCALE:  1/4" = 1'-0"

THORNTON TOMASETTI, INC.

LOCATION PLAN

ARCHITECT / ENGINEER SEAL

DRAWING TITLE

ARCHITECTS PROJECT NUMBER DATE DESCRIPTION

REV

MEP / FP ENGINEER

STRUCTURAL ENGINEER

ARCHITECT

744 BROAD STREET

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ONE LUX STUDIO

MATHEWS NIELSEN

24" x 36"

DRAWING SCALE

DRAWING NUMBER

DOB REV.

CONSTRUCTION DOCUMENTS

NOT FOR CONSTRUCTION

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BUILDING ENCLOSURE GENERAL NOTES

1. SEE A-810 AND A-811 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
2. SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
3. SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
1228 YORK AVENUE, NEW YORK, NY 10065

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DRAWING TITLE
DRAWING NUMBER
DRAWING SIZE DRAWING SCALE
ARCHITECTS PROJECT NUMBER DATE DESCRIPTION REV MEP / FP ENGINEER STRUCTURAL ENGINEER ARCHITECT
CIVIL ENGINEER LANDSCAPE ARCHITECT SPECIFICATION CONSULTANT

DISCLAIMER
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LOCATION PLAN ARCHITECT / ENGINEER SEAL
CONSTRUCTION DOCUMENTS
DOB REV.
PROJECT NORTH
1/8" = 1'-0"

WATERPROOFING SYSTEM OVERVIEW - ROOF

Sheets 165 of 315

Sheet 165 of 315

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Under Directive 2 of 1975
Date:
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04/20/2016

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Date:
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04/20/2016
BUILDING ENCLOSURE GENERAL NOTES

1. SEE A-394 AND A-811 EXTERIOR ENCLOSURE SYSTEM MATERIAL SCHEDULE FOR THE LIST OF MATERIALS
2. SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
3. SEE A-455 SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

ACTUAL CONDITIONS MAY VARY (V.I.F)
NOTIFY ARCHITECT OF ANY DISCREPANCIES UPON DISCOVERY

SCALE: 3/4" = 1'-0"
Section at Flexner Hall - 2 Hour Seal Wall

---

As indicated

Project Phase

24" x 36"

Drawing Size

Typical Section Through Blocked Window

---

2 Hour Seal / Section Detail

---

Scale: 1" = 50'-0"

---

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

---

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BUILDING ENCLOSURE GENERAL NOTES
1. SEE A-411 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST OF EXTERIOR BUILDING MATERIALS
2. SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
3. SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA
THERMAL TRANSMITTANCE U-VALUE:
• FIXED GLAZING AND FRAMING AREA: NO GREATER THAN 0.4 Btu/sq. ft. x h x degree f (EWS-01, EWS-02, EWS-04, EWS-05, EWS-06, EWS-07, EWS-08, EWS-09)
• FULL SPANDREL PANEL: NO GREATER THAN 0.2 Btu/sq.ft. x h x degree f (EWS-03)

SHGC: FIXED GLAZING AND FRAMING AREA: NO GREATER THAN 0.35
EXTERIOR WALL SYSTEM TYPE 1 AT LEVEL 1 - PERSPECTIVE VIEW
BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

THERMAL TRANSMITTANCE

U-VALUE:
• FIXED GLAZING AND FRAMING AREA: NO GREATER THAN 0.4 Btu/sq. ft. x h x degree f (EWS-01, EWS-02, EWS-04, EWS-05, EWS-06, EWS-07, EWS-08, EWS-09)
• FULL SPANDREL PANEL: NO GREATER THAN 0.2 Btu/sq.ft. x h x degree f (EWS-03)

SHGC: FIXED GLAZING AND FRAMING AREA: NO GREATER THAN 0.35

BUILDING ENCLOSURE GENERAL NOTES

1. SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
2. SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
3. SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA
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1228 YORK AVENUE, NEW YORK NY 10065

EXTERIOR WALL SYSTEM TYPE 1 AT LEVEL 1 - PERSPECTIVE VIEW

Sheet 176 of 315

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Date: 04/20/2016
Shauqat Shaikh
BUILDING ENCLOSES GENERAL NOTES

1. SEE A-419 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
2. SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
3. SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

THERMAL TRANSMITTANCE

U-VALUE:
- FIXED GLAZING AND FRAMING AREA: NO GREATER THAN 0.4 Btu/sq.ft. x h x degree F (EWS-01, EWS-02, EWS-04, EWS-05, EWS-06, EWS-07, EWS-08, EWS-09)
- FULL SPANDREL PANEL: NO GREATER THAN 0.2 Btu/sq.ft. x h x degree F (EWS-03)

SHGC: FIXED GLAZING AND FRAMING AREA: NO GREATER THAN 0.35
BUILDING ENCLOSURE GENERAL NOTES

1. SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
2. SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
3. SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

THERMAL TRANSMITTANCE
U VALUE:
• FIXED GLAZING AND FRAMING AREA: NO GREATER THAN 0.4 Btu/sq. ft. x h x degree f (EWS-01, EWS-02, EWS-04, EWS-05, EWS-06, EWS-07, EWS-08, EWS-09)
• FULL SPANDREL PANEL: NO GREATER THAN 0.2 Btu/sq.ft. x h x degree f (EWS-03)

SHGC: FIXED GLAZING AND FRAMING AREA: NO GREATER THAN 0.35
BUILDING ENCLOSURE GENERAL NOTES

1. SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
2. SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
3. SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

THERMAL TRANSMITTANCE U VALUE:
• FIXED GLAZING AND FRAMING AREA: NO GREATER THAN 0.4 Btu/sq. ft. x h x degree F (EWS-01, EWS-02, EWS-04, EWS-05, EWS-06, EWS-07, EWS-08, EWS-09)
• FULL SPANDREL PANEL: NO GREATER THAN 0.2 Btu/sq. ft. x h x degree F (EWS-03)

SHGC: FIXED GLAZING AND FRAMING AREA: NO GREATER THAN 0.35
BUILDING ENCLOSURE GENERAL NOTES

1. SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS
2. SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS
3. SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

THERMAL TRANSMITTANCE

U VALUE:

• FIXED GLAZING AND FRAMING AREA: NO GREATER THAN 0.4 Btu/sq. ft. x h x °F (EWS-01, EWS-02, EWS-04, EWS-05, EWS-06, EWS-07, EWS-08, EWS-09)
• FULL SPANDREL PANEL: NO GREATER THAN 0.2 Btu/sq. ft. x h x °F (EWS-03)

SHGC: FIXED GLAZING AND FRAMING AREA: NO GREATER THAN 0.35
EXTERIOR WALL SYSTEM TYPE 6 - PERSPECTIVE VIEW

Sheet 205 of 315

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Date: 04/20/2016
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1. SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS

2. SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS

3. SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

THERMAL TRANSMITTANCE

U VALUE:

• FIXED GLAZING AND FRAMING AREA:
  NO GREATER THAN 0.4 Btu/sq. ft. x h x degree f (EWS-01, EWS-02, EWS-04, EWS-05, EWS-06, EWS-07, EWS-08, EWS-09)

• FULL SPANDREL PANEL:
  NO GREATER THAN 0.2 Btu/sq ft. x h x degree f (EWS-03)

SHGC: FIXED GLAZING AND FRAMING AREA: NO GREATER THAN 0.35
THE ROCKFELLER UNIVERSITY
RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065
BUILDING ENCLOSURE GENERAL NOTES

1. SEE A-810 EXTERIOR ENCLOSURE SYSTEM AND MATERIAL SCHEDULE FOR THE LIST ALL EXTERIOR BUILDING MATERIALS

2. SEE A-400 SERIES FOR EXTERIOR WALL SYSTEMS

3. SEE A-400 EWS SHEETS FOR THE BUILDING ENVELOPE ENERGY PERFORMANCE CRITERIA

LEVEL 2
52' - 8"

LEVEL 3 PROMENADE
72' - 10 3/4"

20' - 2 3/4"
8' - 5 1/8"
7' - 8 1/8"
7' - 8 1/8"
7' - 8 1/8"
7' - 8 1/8"
9' - 0 1/2"

1' - 4"
9' - 0 1/2"
THE ROCKEFELLER UNIVERSITY
RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065

ARCHITECTS PROJECT NUMBER
DATE
DESCRIPTION
REV
MEP / FP ENGINEER
STRUCTURAL ENGINEER
ARCHITECT
CIVIL ENGINEER LANDSCAPE ARCHITECT SPECIFICATION CONSULTANT

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EXTERIOR WALL SYSTEM TYPE 9 - SITE ELEVATOR PERSPECTIVE VIEW
SCALE: 1
SCALE: 2

PROGRESS SET 30-OCT-15
DOB SUBMISSION - RB 16­DEC­15

APPROVED
Under Directive 2 of 1975
Date:
Shauqat Shaikh
04/20/2016

DESIGN CONSTRUCTION SPECIFICATION
UNIVERSITY FACILITIES SERVICES
1228 YORK AVENUE, NEW YORK NY 10065

APPROVED
Under Directive 2 of 1975
Date:
Shauqat Shaikh
04/20/2016
21. ELEVATOR HOISTWAY VENTILATION TO OUTER AIR (MIN. OF 3.0 SQ. FT FREE AREA OR 3-
THE LOAD SIDE OF THE MAIN LINE DISCONNECT SWITCHES AND ELEVATOR CONTROL
EQUIPMENT.
22. DRAINS OR PERMANENT SUMP PUMPS IN PITS TO PREVENT ACCUMULATION OF WATER.
BE LOCATED IN THE MACHINE ROOM. THE DISCONNECTING MEANS SHALL BE AN ENCLOSED,
23. FIRE EXTINGUISHER IN EACH MACHINE ROOM.
24. ADEQUATE VENTILATION FOR ELEVATOR MACHINE ROOM, INCLUDING A MEANS TO
ACCORDANCE WITH ELECTRIC CODE.
26. WHEN FIRE SERVICE ELEVATOR IS REQUIRED BY CODE, PROVIDE HOISTWAY LIGHTING
ROOMS, THE HOISTWAYS, OR IN THE ELEVATOR LOBBY ON ANY LANDING OTHER THAN THE
1. RATED MACHINE ROOM, PIT AND SECONDARY AREA ACCESS DOORS WITH AUTOMATIC
CLOSING DEVICE AND SELF-LATCHING LOCK MECHANISMS THAT MAY BE OPENED FROM
THE INSIDE WITHOUT A KEY.
2. PROTECTING HOISTWAY AND MACHINE ROOMS DURING CONSTRUCTION.
SUPPLY. ALSO, ONE SET OF NORMALLY CLOSED, DRY ELECTRICAL CONTACT (NO VOLTAGE
INTERMEDIATE AND DIVIDER BEAMS, AND MACHINE SUPPORT BEAMS.
4. MACHINE ROOM SLAB, CONCRETE SLAB, ELEVATOR PIT, SUPPORTS FOR BUFFERS, SILL
5. PATCHING, REPAIRING AND INSTALLATION OF MASONRY AND/OR DRY WALL FOR PLUMB,
9. PROTECTION OF EACH HOISTWAY ENTRANCE HEAD AND SIDE JAMB WITH PLYWOOD
RECESS LOCATED NOR MORE THAN 2 INCHES FROM THE ELEVATOR CAR SILL PLUMB LINE.
11. WATERPROOFING FOR ELEVATOR PITS, AS NECESSARY, AFTER SETTING OF ALL PUT
12. A DEDICATED 120 VOLT, 15 AMP SINGLE POWER SUPPLY AND DISCONNECTING MEANS
CIRCUIT BREAKERS, AND ARRANGED TO BE LOCKED IN THE "OPEN" POSITION. ALSO,
ACCESS CARD READER DEVICES SHALL BE PROVIDED FOR INSTALLATION BY THE ELEVATOR
13. PROVIDE ACCESS TO THE ELEVATOR MACHINE LEVELS AND/OR ROOM BY MEANS OF
15. FIRE EXTINGUISHER IN EACH MACHINE ROOM.
16. PROVIDE SPEAKERS FOR INSTALLATION IN EACH ELEVATOR IN ADDITION TO SYSTEMS
WIRING AS REQUIRED, TERMINATING IN THE MACHINE ROOM OF EACH ELEVATOR.
17. INSTALLATION OF CLOSED CIRCUIT TV CAMERA (IF REQUIRED) IN EACH ELEVATOR CAB ENCLOSURE AND
18. ELECTRICAL PANEL AND VENTILATION REQUIREMENTS AT 480 VOLTS, 3-PHASE, 60 HERTZ.
19. ELECTRICAL PANEL AND VENTILATION REQUIREMENTS AT 480 VOLTS, 3-PHASE, 60 HERTZ.
ELEVATOR PITS

KEY:
- 1. PASSENGER ELEVATOR - A1, B1
- 2. SERVICE ELEVATOR - C1, C2
- 3. FREIGHT ELEVATOR - D1

ELEVATOR CLEAR OVERHEAD SPACE
ELEVATOR SCHEDULED TO STOP AT THIS FLOOR DURING NORMAL OPERATIONS
ELEVATOR SCHEDULED TO STOP AT THIS FLOOR DURING EMERGENCY OPERATIONS
ELEVATOR PIT

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
1200 East 68th Street, New York, NY 10021

1. SHEET NUMBER 001
2. SHEET SCALE DRAWING
3. DRAWING NAME
4. APPROVED
Under Directive 2 of 1975
Date:
Shauqat Shaikh
04/20/2016

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NEW YORK, NY 10001 T. 212 479 5400

NEW YORK, NY 10271 T. 212.431.3609

A-500.00

ELEVATION CODE SHEET

STUDIO LEVEL
ELEVATOR PIT
STAFF LEVEL
LADDER LEVEL
LABORATORY LEVEL
NONELEVATED LEVELS
THE ARCHITECT / ENGINEER SHALL HAVE

THE ARCHITECT / ENGINEER SHALL HAVE
APPROVED
Under Directive 2 of 1975

Date:

Shauqat Shaikh

04/20/2016
NEW W8 BEAM STRUCTURAL MEMBER TO REST UPON NEW ISOLATION PAD

VESTIBULE FIRESTOP JOINT SPRAY - CFS-SP-WB BY HILTI (B.O.D.)
EJ-01 - 3 HR FIRESTOP SYSTEM (SEE ENGINEERING JUDGEMENT #213083B ISSUED BY HILTI) W/ MIN. 1/8" (WET) FIRESTOP JOINT SPRAY - CFS-SP-WB BY HILTI (B.O.D.) AND MIN. 6" MINERAL WOOL SAFING (MIN. 4PCF DENSITY) COMPRESSED 33%, FLUSH WITH TOP OF SURFACE OF FLOOR ASSEMBLY.

NEW 4X4X1/4" THK T.S. COLUMN FOR STAIR PLATFORM SUPPORT W/ 8X8X1/4" THK. BASEPLATE SECURED TO CONC. SLAB AS REQ'D

SJS-FR1 - 1-HOUR FIRE-RATED, DECK TO DECK EXPANSION JOINT

3" CONC. FILL ON 14 GA DECK OVER C-CHANNEL SUPPORT SYSTEM
EXISTING SLAB TO SCARIFIED IN FIELD; IN PREPARATION OF NEW CONC. TOPPING

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THE ROCKEFELLER UNIVERSITY RIVER BUILDING 1228 YORK AVENUE, NEW YORK NY 10065

THORNTON TOMASETTI, INC. 744 BROAD STREET NEWARK, NJ 07102 T. 973.286.6100
MATHEWS NIELSEN 120 BROADWAY, SUITE 1040 NEW YORK, NY 10271 T. 212.431.3609
LANGAN 21 PENN PLAZA 8TH FL NEW YORK, NY 10001 T. 212 479 5400
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RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858
ROBERT SCHWARTZ ASSOCIATES 589 8TH AVENUE, 17TH FLOOR NEW YORK, NY 10018 T. 212.691.3248

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RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065

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A-539.00

ENLARGED DETAILS AT STAIR LOCATIONS

PROGRESS SET 30-OCT-15

DOB SUBMISSION ­ RB 16­DEC­15
MECHANICAL ROOM "C" ENLARGED
PLAN AND RCP

Sheet 248 of 315

1/8" = 1'-0"

APPROVED
Under Directive 2 of 1975
Date: 04/20/2016
Shauqat Shaikh

DESIGNED:
THE ROCKEFELLER UNIVERSITY
RIVER BUILDING
212 YORK AVENUE, NEW YORK, NY 10065

ENGINEER:
ROBERT SCHWARTZ ASSOCIATES
589 8TH AVENUE, 17TH FLOOR
NEW YORK, NY 10018
T. 212.691.3248

REVISION:
MECHANICAL ROOM "C" ENLARGED
PLAN AND RCP

SCALE: 1/8" = 1'-0"

1 PROGRESS SET 30-OCT-15

2 CONSTRUCTION DOCUMENTS 21-DEC-15

DOB SUBMISSION - RB 16-DEC-15

APPROVED
Under Directive 2 of 1975
Date: 04/20/2016
Shauqat Shaikh
NOTE:
1) REFER TO A-810 FOR INTERIOR GLAZING INFORMATION.
2) REFER TO A-820 FOR ROOM FINISHES.

NOTE:
1) ALL LOOSE FURNITURE BELOW TO THE F&E PACKAGE.
2) ALL DISPLAY SHELVES TO BE INCLUDED IN F&E PACKAGE.
NOTE:
1) REFER TO A-810 FOR INTERIOR GLAZING INFORMATION.
2) REFER TO A-820 FOR ROOM FINISHES.

NOTE:
1) ALL LOOSE FURNITURE BELOW TO THE F&E PACKAGE.
2) ALL DISPLAY SHELVES TO BE INCLUDED IN F&E PACKAGE.
1) REFER TO A-810 FOR INTERIOR GLAZING INFORMATION.
2) REFER TO A-820 FOR ROOM FINISHES.
NOTE: 1) REFER TO A-810 FOR INTERIOR GLAZING INFORMATION.
2) REFER TO A-820 FOR ROOM FINISHES.

LEVEL 1 KITCHENETTE - PLAN, RCP, AND ELEVATIONS

This document is to be considered in conjunction with all related documentation. Any discrepancies identified in this document must be reported immediately to the architect before proceeding.

Contractors must verify all dimensions prior to proceeding with any work.

LOCATION PLAN ARCHITECT / ENGINEER SEAL

SCALE: 1/4" = 1'-0"

Sheet 253 of 315

APPROVED Under Directive 2 of 1975

Date:
Shauqat Shaikh
04/20/2016

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
230 YORK AVENUE, NEW YORK, NY 10065

DRAWING TITLE
PROJECT PHASE
DRAWING NUMBER
DRAWING SIZE
DRAWING SCALE
ARCHITECTS PROJECT NUMBER DATE DESCRIPTION REV MEP / FP ENGINEER STRUCTURAL ENGINEER ARCHITECT

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5.75
D
A-618
2
3
5
4
KITCHENETTE
2040
3'-0"
3'-0"
3'-0"
3'-0"
3'-0"
3'-0"
3'-0"
3'-0"
2'-0"
21'-0 1/4"
23'-0 1/4"
6A
6A
4DG
4DG
AF-2
4DG
52'-8"
2'-0"
2'-6"
4'-0"
4'-0"
4'-0"
4'-0"
4'-0"
2'-0"
2'-6"
2'-0"
2'-0"
2'-0"
6A
6A

LEVEL 2
52'-8"
T.O. SLAB LEVEL 3
72'-0"

LEVEL 2 KITCHENETTE - PLAN, RCP AND ELEVATIONS
SCALE: 1/4" = 1'-0"

NOTE:
1) REFER TO A-810 FOR INTERIOR GLAZING INFORMATION.
2) REFER TO A-820 FOR ROOM FINISHES.

LEVEL 2 KITCHENETTE ENLARGED PLAN
SCALE: 1/4" = 1'-0"
LEVEL 2 KITCHENETTE ELEVATION 01
SCALE: 1/4" = 1'-0"
LEVEL 2 KITCHENETTE ELEVATION 02
SCALE: 1/4" = 1'-0"
LEVEL 2 KITCHENETTE ELEVATION 03
SCALE: 1/4" = 1'-0"
LEVEL 2 KITCHENETTE ELEVATION 04
SCALE: 1/4" = 1'-0"
LEVEL 2 KITCHENETTE RCP
SCALE: 1/4" = 1'-0"
NOTE:
FOR ALL ROOM FINISHES REFER TO DRAWING A620.00

Shauqat Shaikh
04/20/2016
APPROVED
Under Directive 2 of 1975

RIVER BUILDING
UNIVERSITY
THE ROCKEFELLER
1228 YORK AVENUE, NEW YORK NY 10065

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NEW YORK, NY 10013
50 VANDAM STREET

T. 973.286.6100  744 BROAD STREET
NEW YORK, NY  10011
ONE LUX STUDIO

T. 212.201.5790
INTERIOR LIGHTING DESIGNER
NEW YORK, NY 10011
BARD, RAO + ATHANAS

T. 212.691.3248
NEW YORK, NY 10018
589 8TH AVENUE, 17TH FLOOR
ROBERT SCHWARTZ ASSOCIATES

T. 212 924 5060
CIVIL ENGINEER LANDSCAPE ARCHITECT SPECIFICATION CONSULTANT

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FOR ALL ROOM FINISHES REFER TO DRAWING A620.00

APPROVED
Under Directive 2 of 1975

Shauqat Shaikh
04/20/2016
NOTE:
FOR ALL ROOM FINISHES REFER TO
DRAWING A200.06

APPROVED
Under Directive 2 of 1975

Date:
Shauqat Shaikh
04/20/2016

ES065549031

DRAWING A820.00
FOR ALL ROOM FINISHES REFER TO
NOTE:
10'-0"
7'-0"
2064
RIVER BUILDING
THE ROCKEFELLER UNIVERSITY
RIVER BUILDING
COPY/SUPPLY ROOM - PLANS AND ELEVATIONS

LEVEL 2 COPY ROOM A ELEVATION 01
LEVEL 2 COPY ROOM A ELEVATION 02
LEVEL 2 COPY ROOM A ELEVATION 03
LEVEL 2 COPY ROOM A ELEVATION 04
LEVEL 2 COPY ROOM B ELEVATION 01
LEVEL 2 COPY ROOM B ELEVATION 02
LEVEL 2 COPY ROOM B ELEVATION 03
LEVEL 2 COPY ROOM B ELEVATION 04

DRAWING TITLE
COPY/SUPPLY ROOM - PLANS AND ELEVATIONS
DRAWING SCALE
1/4" = 1'-0"
DRAWING SIZE
24" x 36"

ARCHITECTS PROJECT NUMBER DATE DESCRIPTION REV MEP / FP ENGINEER STRUCTURAL ENGINEER ARCHITECT

PROJECT PHASE
CONSTRUCTION DOCUMENTS

DOB SUBMISSION - RB
DEPT OF BLDGS Job Number Scan Code

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NOTE:
1. REFER TO DRAWING A-820 FOR ACCESSORIES SCHEDULE.
2. REFER TO FINISH SCHEDULE ON A-820 FOR ALL FLOOR, WALL COUNTER TOP, MIRROR FINISHES, TOILET PARTITION TYPE.
4. REFER TO A-077 FOR ADA REQUIREMENTS
3. REFER TO P-001 FOR PLUMBING FIXTURE SCHEDULE.

4. REFER TO A-077 FOR ADA REQUIREMENTS.
NOTE:
SEE K-100 SERIES FOR DETAILED KITCHEN INFORMATION

THORNTON TOMASETTI, INC.
LOCATION PLAN
ARCHITECT / ENGINEER SEAL

JAPANESE KITCHEN, STORAGE & ELEC. ROOM RCP

ARCHITECTS PROJECT NUMBER DATE DESCRIPTION REV MEP / FP ENGINEER STRUCTURAL ENGINEER ARCHITECT

24" x 36" DRAWING SIZE

DRAWING TITLE

THE ROCKEFELLER UNIVERSITY RIVER BUILDING
CONSTRUCTION DOCUMENTS

THORNTON TOMASETTI, INC.
744 BROAD STREET
NEWARK, NJ 07102 T. 973.286.6100

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1 PROGRESS SET 30-OCT-15

2 CONSTRUCTION DOCUMENTS

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APPROVED
Under Directive 2 of 1975
Date:
Shauqat Shaikh
04/20/2016
ACOUSTICAL SEALANT

WALL, AS

CMU

CONCRETE

PARTITION AS

OPNG PER

RATED ASSEMBLY

CORED HOLE

DETAILS

FIREPROOFING AND PENETRATION

DRAWING TITLE

RATED ASSEMBLY

OPNG PER

PER THE RATED

AGGREGATE CROSS

STRUCTURE

CONCRETE FLOOR

PACK AROUND CABLES

FIRE RATED SEALANT,

UL C-AJ-3030, OR EQ

PACKING MATERIAL

MAX 3 HR,

RATING NO:

FIRE SAFING INSUL

% OF FLR OPNG PER THE

CABLE BUNDLE W/

INSULATED CABLE OR

ASSEMBLY

CABLE TRAY

FIRE RATED SEALANT

STRIP AT PERIMETER OF

OR FIRE RATED

STEEL TRAY

SEALANT, PER THE RATED

INTUMESCENT SHEET

INTUMESCENT WRAP

INSULATED CABLES AND

BED CABLE IN FIRE RATED

3 HR UL C-AJ-4003,

RATING NO:

FIBERGLASS PIPE INSUL,

UL W-L-1133, OR EQ

MAX 1 HR,

RATING NO:

METAL PIPE

RATED ASSEMBLY

FIRE RATED SEALANT @

0.00

METAL STUD PARTITION,

GYPSUM BOARD AND

MAX 2" THICK, W/

UL W-L-1094

SINGLE CONDUIT, CABLE OR PIPE

AS SCHED

ASSEMBLY

CABLE TRAY

FIRE RATED SEALANT

STRIP AT PERIMETER OF

OR FIRE RATED

STEEL TRAY

SEALANT, PER THE RATED

INTUMESCENT SHEET

INTUMESCENT WRAP

INSULATED CABLES AND

BED CABLE IN FIRE RATED

3 HR UL C-AJ-4003,

RATING NO:

FIBERGLASS PIPE INSUL,

UL W-L-1133, OR EQ

MAX 1 HR,

RATING NO:

METAL PIPE

RATED ASSEMBLY

FIRE RATED SEALANT @

0.00

METAL STUD PARTITION,

GYPSUM BOARD AND

MAX 2" THICK, W/

UL W-L-1094

SINGLE CONDUIT, CABLE OR PIPE

AS SCHED

ASSEMBLY

CABLE TRAY

FIRE RATED SEALANT

STRIP AT PERIMETER OF

OR FIRE RATED

STEEL TRAY

SEALANT, PER THE RATED

INTUMESCENT SHEET

INTUMESCENT WRAP

INSULATED CABLES AND

BED CABLE IN FIRE RATED

3 HR UL C-AJ-4003,

RATING NO:

FIBERGLASS PIPE INSUL,

UL W-L-1133, OR EQ

MAX 1 HR,

RATING NO:

METAL PIPE

RATED ASSEMBLY

FIRE RATED SEALANT @

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METAL STUD PARTITION,

GYPSUM BOARD AND

MAX 2" THICK, W/

UL W-L-1094

SINGLE CONDUIT, CABLE OR PIPE

AS SCHED

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UL W-L-1133, OR EQ

MAX 1 HR,

RATING NO:

METAL PIPE

RATED ASSEMBLY

FIRE RATED SEALANT @

0.00

METAL STUD PARTITION,

GYPSUM BOARD AND

MAX 2" THICK, W/

UL W-L-1094

SINGLE CONDUIT, CABLE OR PIPE

AS SCHED

ASSEMBLY

CABLE TRAY

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OR FIRE RATED

STEEL TRAY

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INTUMESCENT WRAP

INSULATED CABLES AND

BED CABLE IN FIRE RATED

3 HR UL C-AJ-4003,

RATING NO:

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UL W-L-1133, OR EQ

MAX 1 HR,

RATING NO:

METAL PIPE

RATED ASSEMBLY

FIRE RATED SEALANT @

0.00

METAL STUD PARTITION,

GYPSUM BOARD AND

MAX 2" THICK, W/

UL W-L-1094

SINGLE CONDUIT, CABLE OR PIPE

AS SCHED

ASSEMBLY

CABLE TRAY

FIRE RATED SEALANT

STRIP AT PERIMETER OF

OR FIRE RATED

STEEL TRAY

SEALANT, PER THE RATED

INTUMESCENT SHEET

INTUMESCENT WRAP

INSULATED CABLES AND

BED CABLE IN FIRE RATED

3 HR UL C-AJ-4003,

RATING NO:

FIBERGLASS PIPE INSUL,

UL W-L-1133, OR EQ

MAX 1 HR,

RATING NO:

METAL PIPE

RATED ASSEMBLY

FIRE RATED SEALANT @

0.00

METAL STUD PARTITION,

GYPSUM BOARD AND

MAX 2" THICK, W/

UL W-L-1094

SINGLE CONDUIT, CABLE OR PIPE

AS SCHED

ASSEMBLY

CABLE TRAY

FIRE RATED SEALANT

STRIP AT PERIMETER OF

OR FIRE RATED

STEEL TRAY

SEALANT, PER THE RATED

INTUMESCENT SHEET

INTUMESCENT WRAP

INSULATED CABLES AND

BED CABLE IN FIRE RATED

3 HR UL C-AJ-4003,

RATING NO:

FIBERGLASS PIPE INSUL,

UL W-L-1133, OR EQ

MAX 1 HR,

RATING NO:

METAL PIPE

RATED ASSEMBLY

FIRE RATED SEALANT @

0.00

METAL STUD PARTITION,

GYPSUM BOARD AND

MAX 2" THICK, W/

UL W-L-1094

SINGLE CONDUIT, CABLE OR PIPE

AS SCHED

ASSEMBLY

CABLE TRAY

FIRE RATED SEALANT

STRIP AT PERIMETER OF

OR FIRE RATED

STEEL TRAY

SEALANT, PER THE RATED

INTUMESCENT SHEET

INTUMESCENT WRAP

INSULATED CABLES AND

BED CABLE IN FIRE RATED

3 HR UL C-AJ-4003,

RATING NO:

FIBERGLASS PIPE INSUL,

UL W-L-1133, OR EQ

MAX 1 HR,
LAB BENCH ADD ALTERNATE #2

LAB BENCH ADD ALTERNATE #3

LAB BENCH ADD ALTERNATE #4

LAB BENCH ADD ALTERNATE #5

NOTE:
FOR ALTERNATE # 1- REFER TO A-735 CASEWORK QUANTITIES FOR ALTERNATE LINE ITEMS.

12'-4 3/8"  10'-0"  4'-0"  4'-0"  4'-0"  4'-0"  2'-6 3/4"

WRITE-UP DESK "ALTERNATE #3"

12'-0"  6'-0"  6'-0"  6'-0"

TISSUE CULTURE ROOM "ALTERNATE #4"

12'-0"  6'-0"  6'-0"  6'-0"

TISSUE CULTURE ROOM "ALTERNATE #5"
NOTES:
- VERTICAL SERVICE MODULE (VSM) MUST MATCH SPECIFIED LIGHT FIXTURE (BY THRESHOLD)
- LIGHTING OPTIONS
  - TUNELIGHT 2 BY FEELUX
  - 2 ZIPONE LED 707 "MAGNET MOUNTED" LINEAR LIGHTING
- SHELF LIGHTING OPTIONS:
  - SELECTED VERTICAL SERVICE MODULE (VSM) MANUF.

SCALE: 3/16" = 1'-0"
SCALE: 3" = 1'-0"

ADJUSTABLE METAL ADJUSTMENT
ACCESS PANEL IN COUNTERTOP
RECESSED SLOTS FOR COUNTERTOP METAL FRAMING
WOOD DATA CONNECTION ENCLOSURE FOR POWER DIST.

LAB SUPPORT CASEWORK DETAIL - TASK LIGHT/ SHELF
LABORATORY CASEWORK DETAIL - PLAN AT SHELVING
LABORATORY CASEWORK - ELEVATIONS/ SECTIONS

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NEW YORK, NY 10013

T. 973-286-6100
50 VANDAM STREET
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T. 212.201.5790
NEW YORK, NY 10011
ONE LUX STUDIO
BARD, RAO + ATHANAS

CABINET PULL HANDLE
FILE CABINET DRAWER
DRAWER
DRAWER PULL HANDLE
BREAD BOARD
DRAWER

LENGTH/ LIGHTING MANUF. PRODUCT LINE.
FIXTURE BY VODE
1. LED TASK "LARC6" 24VDC LED LIGHT BAR, BY GM
"TUNELIGHT 2" BY FEELUX

TO PROVIDE SHELF BRACKET ABLE TO ACCOMMODATE
1. SELECTED VERTICAL SERVICE MODULE (VSM) MANUF.

Notes:
1' - 1 3/4"
1/2"
5"
6 1/2"
1' - 0"
1' - 0"
6 1/2"
1' - 0"
1' - 1 3/4"
1/2"
DESIGNER:

1. PLAN SHOWN IS DIAGRAMMATIC, IT IS ONLY SHOWN FOR DESIRED COMPONENT CONFIGURATION.

GENERAL GAS PIPE FITTING NOTES:

1. PLAN SHOWN IS DIAGRAMMATIC, IT IS ONLY SHOWN FOR DESIRED COMPONENT CONFIGURATION.

GENERAL NOTE:

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GENERAL NOTE:

1. PLAN SHOWN IS DIAGRAMMATIC, IT IS ONLY SHOWN FOR DESIRED COMPONENT CONFIGURATION.
ALTERNATE VSM MOUNTING DETAILS

THE ROCKEFELLER UNIVERSITY
RIVER BUILDING
1228 YORK AVENUE, NEW YORK NY 10065

SCALE: 3" = 1'-0"

1'-0" X 1'-0" X 1/4" THK STEEL ANCHOR PLATE

"ALTERNATE" VSM ANCHORAGE TO RAISED FLOORING (OPTION #1)

DETAILS

NOTE: END COUPLING TO BE AT DISTRIBUTION BOX LOCATION.

A THERMOPLASTIC JACKET INDIVIDUALLY TWIST-PAIRS AND ENCLOSED BY CONDUCTORS, FORMED INTO FOUR CAT 6A DATA CABLING DIRECT TO IDF ROOM.

CONDUIT TO DIST. BOX (TYP.)

COMPRESSED AIR & VACUUM (M8X60 HEX.IN SCREWS X 16) OR APPROVED EQUAL)

LEVELING NUT WITH WASHERS.

NOTE: STEEL ANCHOR PLATE TOP BE BOLTED TO BASE PLATE (TYP.) STEEL BOLTS WELDED TO STEEL 2"X2"X1/4" ANCHOR PLATE

TWIST LOCK L520 ELECTRICAL CONDUIT TO DIST. BOX (TYP.)

DOB REV. A-737.00

REV MEP / FP
ARCHITECT STRUCTURAL ENGINEER

ARCHITECTS PROJECT NUMBER
DATE: 21-DEC-15

PROJECT PHASE
REACH THE NEAREST CONNECTION.
SUFFICIENT CABLE LENGTH FOR EACH UTILITY LINE TO
MODULAR ELECTRICAL COMPONENTS AND GAS LINE
NOTE: CONSOLIDATIONS "DISTRIBUTION BOXES"

CONCRETE SLAB
PEDESTAL BASE PLATE- GLUED

CALCIUM SULFATE PANEL

VERTICAL SERVICE MODULE (VSM SYSTEM)

INTERIOR FLOORING ABOVE ACCESS FLOOR TILE
VSM WELDED TO STEEL FLOORING SYSTEM (ALL AROUND)

MODULAR ELECTRICAL COMPONENT (SUPPLIED BY VSM MANUF.)

PRE-ENGINEERED, MULTI-CIRCUIT

DOB SUBMISSION ­RB

04/20/2016

Shauqat Shaikh
<table>
<thead>
<tr>
<th>SHEET</th>
<th>04/20/2016</th>
<th>UNDER DIRECTIVE 2 OF 1975</th>
<th>APPROVED</th>
<th>04/20/2016</th>
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</thead>
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<td>04/20/2016</td>
<td>UNDER DIRECTIVE 2 OF 1975</td>
<td>APPROVED</td>
<td>04/20/2016</td>
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<tr>
<td>Code</td>
<td>Description</td>
<td>Image</td>
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<tr>
<td>AC-1</td>
<td>Vertical Receptacle, Horizontal</td>
<td>VA SIDE VIEW</td>
<td>2.2 GPM (8.3 L/MIN)</td>
<td>-</td>
</tr>
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#### DOB Submissions
- 16-Dec-15
- 21-Dec-15

#### Project Information
- **Project:** The Rockefeller University River Building
- **Location:** New York, NY 10065

#### Approval
- **Date:** 04/20/2016
- **By:** Shauqat Shaikh
- **Under Directive:** 2 of 1975

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**Note:** This document is to be considered in conjunction with all related documentation. Any discrepancies identified in this document must be reported immediately to the architect before proceeding. Contractors must verify all dimensions prior to proceeding with any work.
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MUST VERIFY ALL DIMENSIONS PRIOR TO OTHER THAN ITS INTENDED PURPOSE ON USE OF THIS DOCUMENT FOR ANY PURPOSE

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**RIVER BUILDING**

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**LANGAN**

T. 212.924.5060  F. 212.924.5858

**RAFAEL VINOLY ARCHITECTS**

HEAD

**SILL Frame Type**

NEW YORK, NY 10011

**ONE LUX STUDIO**

T. 212.691.3248

**ROOM:**

**PROJECT NORTH**

**DOCUMENTS**

DePht of Bldgs Job Number Scan Code

**NEW YORK, NEW YORK OF 10011**

**DOOR**

**SCHEDULE**

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From UNIVERSITY THE ROCKEFELLER DOOR
T. 212 479 5400
NEW YORK, NY 10001
21 PENN PLAZA 8TH FL

INTERIOR LIGHTING DESIGNER
105 MADISON AVENUE, 10TH FL
589 8TH AVENUE, 17TH FLOOR
ROBERT SCHWARTZ ASSOCIATES

Set PROCEEDING WITH ANY WORK.
IMMEDIATELY TO THE ARCHITECT RELATED DOCUMENTATION. ANY
NO RESPONSIBILITY FOR ANY LIABILITY,
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APPROVED
Under Directive 2 of 1975
Date:
Shauqat Shaikh
04/20/2016
Furniture Schedule

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Note: All furniture items are subject to availability and may vary in color and style.

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