

LOCATION	DESCRIPTION	TYPE	SIZE	DATE	BY	REVISION/REMARKS
321	CHANGING ROOM	VAV	18x24	05/29/12	MEH	ISSUED FOR PERMIT
322	STUDIO	VAV	32x16	05/29/12	MEH	ISSUED FOR PERMIT
323	CHANGING ROOM	VAV	18x24	05/29/12	MEH	ISSUED FOR PERMIT
324	CHANGING ROOM	VAV	18x24	05/29/12	MEH	ISSUED FOR PERMIT
325	CONFERENCE	VAV	24x12	05/29/12	MEH	ISSUED FOR PERMIT
326	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
327	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
328	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
329	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
330	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
331	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
332	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
333	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
334	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
335	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
336	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
337	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
338	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
339	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
340	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
341	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
342	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
343	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
344	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
345	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
346	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
347	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
348	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
349	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
350	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
351	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
352	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
353	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
354	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
355	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
356	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
357	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
358	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
359	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
360	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
361	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
362	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
363	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
364	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
365	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
366	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
367	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
368	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
369	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT
370	OFFICE	VAV	12x12	05/29/12	MEH	ISSUED FOR PERMIT

NOTE
 ALL ELBOWS TO BE RADIUS DRAWING TO BE UPDATED.
GENERAL NOTES:
 1. PROVIDE A MIN. OF 36" STRAIGHT DUCT AT EACH INLET OF VAV BOX AS SHOWN ON DETAIL DRAWING. M-400 SERIES.
 2. ALL TRANSFER DUCTWORK SHALL BE LINED W/ 1" A.L. - UPSIZE DUCT ACCORDINGLY.
 3. ALL DUCT WORK EXPOSED TO VIEW SHALL BE LINED W/ 1" A.L. UPSIZE DUCT ACCORDINGLY.
 4. ALL DUCTWORK 15'-0" DOWNSTREAM OF VAV BOX SHALL BE LINED W/ 1" A.L. UPSIZE DUCT ACCORDINGLY.
 5. PROVIDE ADEQUATE MAINTENANCE CLEARANCES AROUND ALL VAV BOXES AND HVAC EQUIPMENTS.
 6. ALL SHEET-METAL AND FITTINGS SHALL BE SMACNA APPROVED.
 7. ARCH TO VERIFY ALL CLG HEIGHTS.
 8. SEAL ALL DUCTWORK AS PER SMACNA STANDARDS.
 9. SHOW ALL RETURN GRILLE AND SIZES TO ALL RADIUS ELBOWS TO BE FILLET RADIUS.
 10. ALL MITERED ELBOWS TO HAVE TURNING VANES.
 11. G.C. TO COORDINATE DUCTWORK WITH ALL TRADES.

DRAWING NOTES:
 MER AC-3 & 4 CONTRACTOR TO PROVIDE SUBMITTALS IN ORDER TO GENERATE SHOP DRAWING.

SLAB TO DECK +11'-4"

KEY PLAN
 1385 BROADWAY
 3RD FLOOR
 NEW YORK, NY 10018
 BLOCK: 813
 LOT: 50
 ZONING MAP NUMBER: B4
 ZONING DISTRICT: M1-6
 NUMBER OF FLOORS: 23
 OCCUPANCY CLASS: COMMERCIAL & OFFICE

(DELL) - PHOTO
 1385 BROADWAY
 NEW YORK, NY 10018

1. 5/29/12 REVISION AS PER FIELD SURVEY & ENGINEER'S COMMENTS (M&M)
 2. 5/29/12 PER APPROVAL
 NO. DATE REVISION

MECHANICAL CONTRACTOR:
A1 EXPERTS
 MECHANICAL CONTRACTOR
 WEST INDUSTRY COURT
 DEER PARK , NEW YORK
 TEL: (631) 243-1122

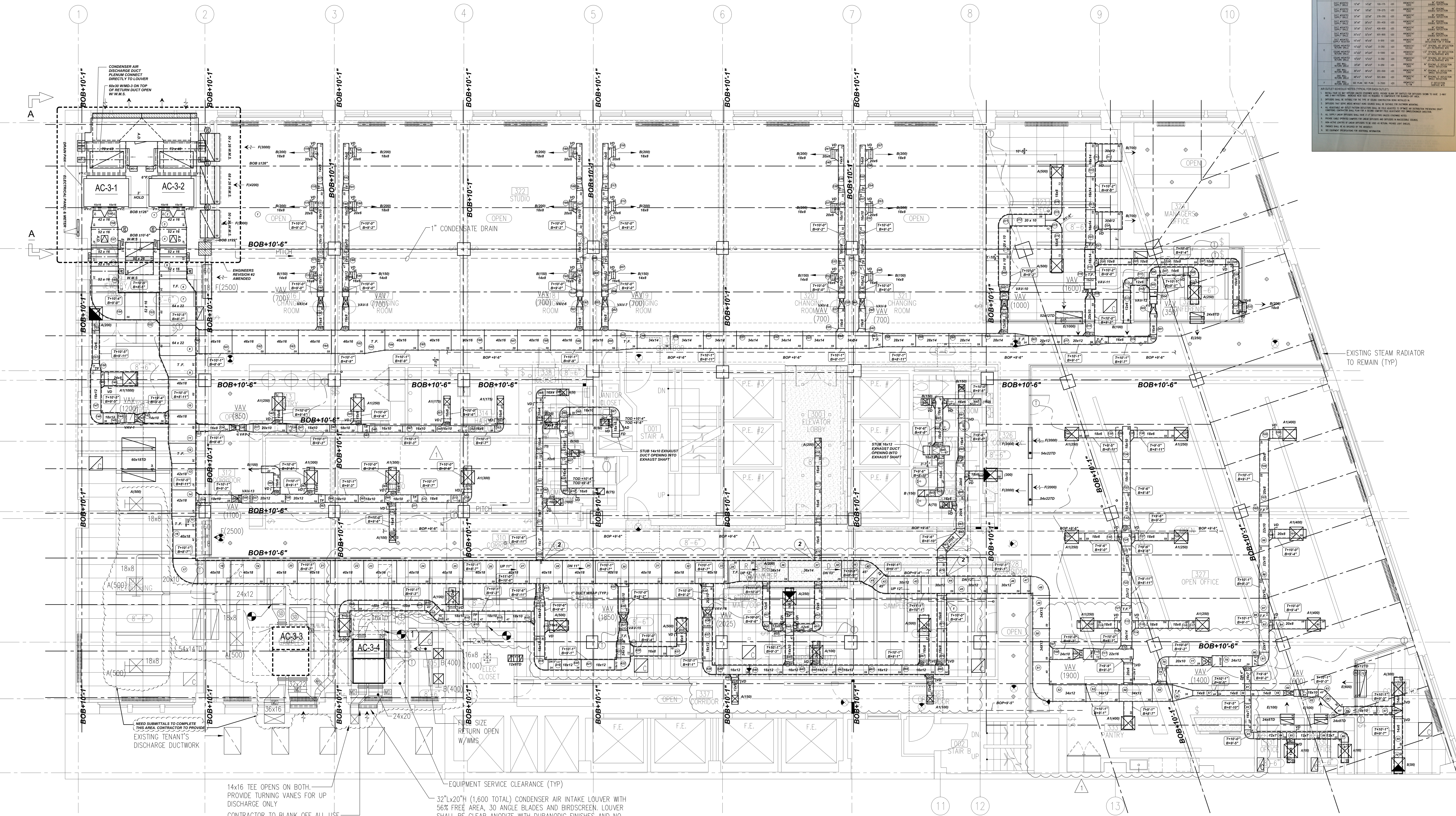
DRAFTING COMPANY:
CADDISULTANTS
 Certified CAD Specialist
 All Types of Drafting

MARC HOFFMAN
 167 Allen Road
 Rockville Centre, NY 11570
 Contact: 646.941.8514
 Email: Caddisultants@yahoo.com

PROJECT INFORMATION:
 1385 BROADWAY NY,
 NEW YORK, 10018

DRAWING TITLE:
**3RD FLOOR
 DUCT LAYOUT**

SCALE: 1/4"=1'-0"
DATE: 05/29/12
PAGE SIZE: 36 x 60
M-301



14x16 TEE OPENS ON BOTH. PROVIDE TURNING VANES FOR UP DISCHARGE ONLY.
 CONTRACTOR TO BLANK OFF ALL USE WINDOW SECTION (AT THE LOUVER HIGH) WITH RIGID BOARD INSULATION

EQUIPMENT SERVICE CLEARANCE (TYP)

32"Lx20"H (1,600 TOTAL) CONDENSER AIR INTAKE LOUVER WITH 56% FREE AREA, 30 ANGLE BLADES AND BIRDSCREEN. LOUVER SHALL BE CLEAR ANODIZED WITH DURANODIC FINISHES AND NO WATER PENETRATION BASED ON 350FPM AT NET FREE AREA. COLOR BY ARCH.

MECHANICAL PLAN 3RD FLOOR

NO.	DESCRIPTION	SIZE	TYPE	LOCATION	REMARKS
1	322 STUDIO	18x8	CEILING	322	NEW
2	332 STUDIO	18x8	CEILING	332	NEW
3	337 CORRIDOR	18x12	CEILING	337	NEW
4	338 CORRIDOR	18x12	CEILING	338	NEW
5	310 CORRIDOR	18x12	CEILING	310	NEW
6	312 CORRIDOR	18x12	CEILING	312	NEW
7	313 CORRIDOR	18x12	CEILING	313	NEW
8	314 CORRIDOR	18x12	CEILING	314	NEW
9	315 CORRIDOR	18x12	CEILING	315	NEW
10	316 CORRIDOR	18x12	CEILING	316	NEW
11	317 CORRIDOR	18x12	CEILING	317	NEW
12	318 CORRIDOR	18x12	CEILING	318	NEW
13	319 CORRIDOR	18x12	CEILING	319	NEW
14	320 CORRIDOR	18x12	CEILING	320	NEW
15	321 CORRIDOR	18x12	CEILING	321	NEW
16	323 CORRIDOR	18x12	CEILING	323	NEW
17	324 CORRIDOR	18x12	CEILING	324	NEW
18	325 CORRIDOR	18x12	CEILING	325	NEW
19	326 CORRIDOR	18x12	CEILING	326	NEW
20	327 CORRIDOR	18x12	CEILING	327	NEW
21	328 CORRIDOR	18x12	CEILING	328	NEW
22	329 CORRIDOR	18x12	CEILING	329	NEW
23	330 CORRIDOR	18x12	CEILING	330	NEW
24	331 CORRIDOR	18x12	CEILING	331	NEW
25	333 CORRIDOR	18x12	CEILING	333	NEW
26	334 CORRIDOR	18x12	CEILING	334	NEW
27	335 CORRIDOR	18x12	CEILING	335	NEW
28	336 CORRIDOR	18x12	CEILING	336	NEW
29	339 CORRIDOR	18x12	CEILING	339	NEW
30	340 CORRIDOR	18x12	CEILING	340	NEW
31	341 CORRIDOR	18x12	CEILING	341	NEW
32	342 CORRIDOR	18x12	CEILING	342	NEW
33	343 CORRIDOR	18x12	CEILING	343	NEW
34	344 CORRIDOR	18x12	CEILING	344	NEW
35	345 CORRIDOR	18x12	CEILING	345	NEW
36	346 CORRIDOR	18x12	CEILING	346	NEW
37	347 CORRIDOR	18x12	CEILING	347	NEW
38	348 CORRIDOR	18x12	CEILING	348	NEW
39	349 CORRIDOR	18x12	CEILING	349	NEW
40	350 CORRIDOR	18x12	CEILING	350	NEW
41	351 CORRIDOR	18x12	CEILING	351	NEW
42	352 CORRIDOR	18x12	CEILING	352	NEW
43	353 CORRIDOR	18x12	CEILING	353	NEW
44	354 CORRIDOR	18x12	CEILING	354	NEW
45	355 CORRIDOR	18x12	CEILING	355	NEW
46	356 CORRIDOR	18x12	CEILING	356	NEW
47	357 CORRIDOR	18x12	CEILING	357	NEW
48	358 CORRIDOR	18x12	CEILING	358	NEW
49	359 CORRIDOR	18x12	CEILING	359	NEW
50	360 CORRIDOR	18x12	CEILING	360	NEW
51	361 CORRIDOR	18x12	CEILING	361	NEW
52	362 CORRIDOR	18x12	CEILING	362	NEW
53	363 CORRIDOR	18x12	CEILING	363	NEW
54	364 CORRIDOR	18x12	CEILING	364	NEW
55	365 CORRIDOR	18x12	CEILING	365	NEW
56	366 CORRIDOR	18x12	CEILING	366	NEW
57	367 CORRIDOR	18x12	CEILING	367	NEW
58	368 CORRIDOR	18x12	CEILING	368	NEW
59	369 CORRIDOR	18x12	CEILING	369	NEW
60	370 CORRIDOR	18x12	CEILING	370	NEW
61	371 CORRIDOR	18x12	CEILING	371	NEW
62	372 CORRIDOR	18x12	CEILING	372	NEW
63	373 CORRIDOR	18x12	CEILING	373	NEW
64	374 CORRIDOR	18x12	CEILING	374	NEW
65	375 CORRIDOR	18x12	CEILING	375	NEW
66	376 CORRIDOR	18x12	CEILING	376	NEW
67	377 CORRIDOR	18x12	CEILING	377	NEW
68	378 CORRIDOR	18x12	CEILING	378	NEW
69	379 CORRIDOR	18x12	CEILING	379	NEW
70	380 CORRIDOR	18x12	CEILING	380	NEW
71	381 CORRIDOR	18x12	CEILING	381	NEW
72	382 CORRIDOR	18x12	CEILING	382	NEW
73	383 CORRIDOR	18x12	CEILING	383	NEW
74	384 CORRIDOR	18x12	CEILING	384	NEW
75	385 CORRIDOR	18x12	CEILING	385	NEW
76	386 CORRIDOR	18x12	CEILING	386	NEW
77	387 CORRIDOR	18x12	CEILING	387	NEW
78	388 CORRIDOR	18x12	CEILING	388	NEW
79	389 CORRIDOR	18x12	CEILING	389	NEW
80	390 CORRIDOR	18x12	CEILING	390	NEW
81	391 CORRIDOR	18x12	CEILING	391	NEW
82	392 CORRIDOR	18x12	CEILING	392	NEW
83	393 CORRIDOR	18x12	CEILING	393	NEW
84	394 CORRIDOR	18x12	CEILING	394	NEW
85	395 CORRIDOR	18x12	CEILING	395	NEW
86	396 CORRIDOR	18x12	CEILING	396	NEW
87	397 CORRIDOR	18x12	CEILING	397	NEW
88	398 CORRIDOR	18x12	CEILING	398	NEW
89	399 CORRIDOR	18x12	CEILING	399	NEW
90	400 CORRIDOR	18x12	CEILING	400	NEW

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NOTE TO CONTRACTOR
 UNNEED TX-18-1 & 18-2 SUBMITTAL FOR CONTINUATION OF DUCT WORK

---	DUCT LINING
---	DUCT WRAP

SLAB TO DECK +11'-4"

ARCHITECT / ENGINEER

- HIT PLEASE ADVISE
- CONFLICT DUCT ELEVATION WITH LIGHTS, CLG HEIGHT, PIPE, DUCT LAYOUT. PLEASE ADVISE

KEY PLAN
 1385 BROADWAY
 3RD FLOOR
 NEW YORK, NY 10018
 ZONING DISTRICT: M1-6
 NUMBER OF FLOORS: 23
 OCCUPANCY CLASS: COMMERCIAL & OFFICE

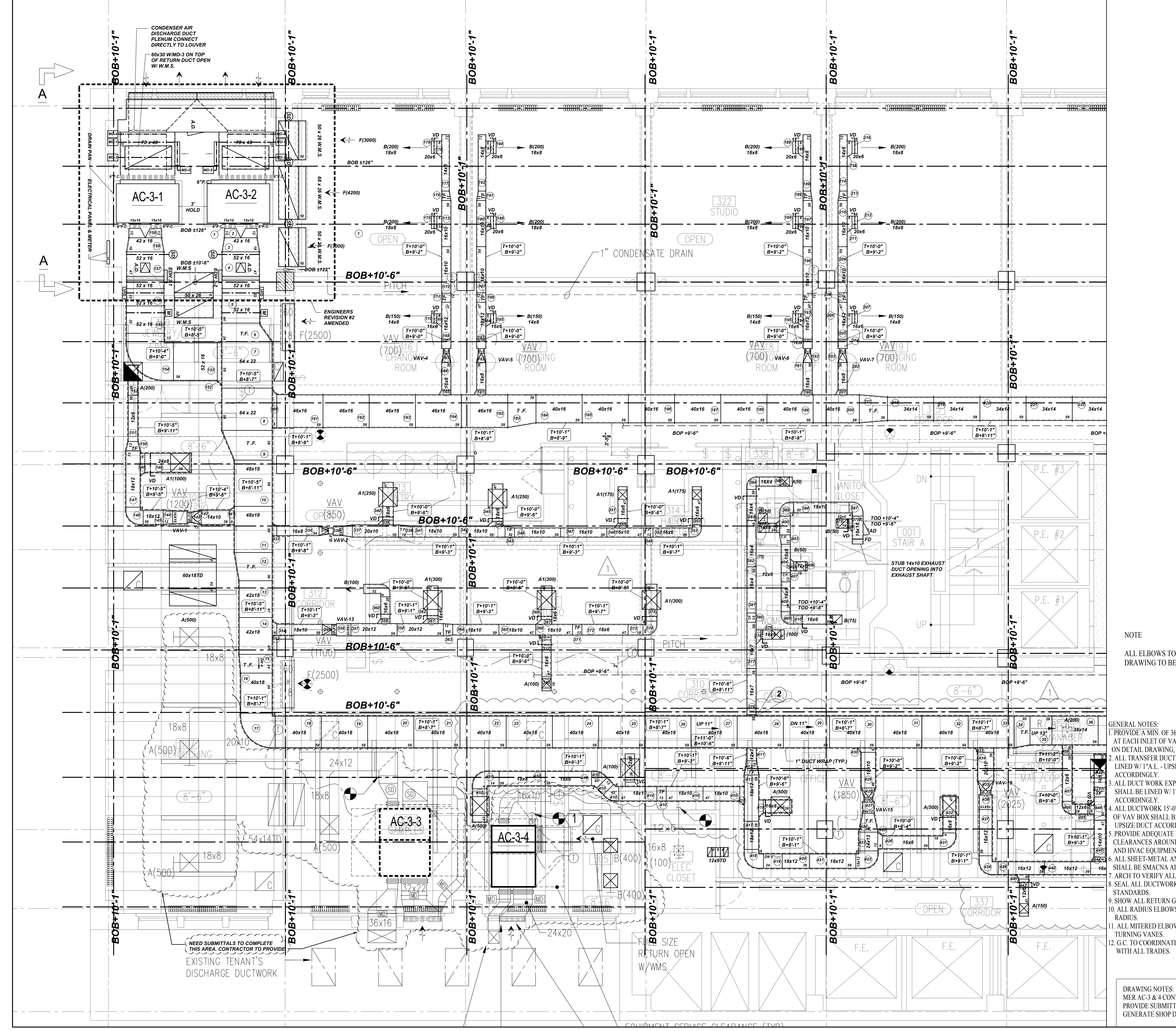
NOTE
 ALL ELBOWS TO BE RADIUS
 DRAWING TO BE UPDATED.

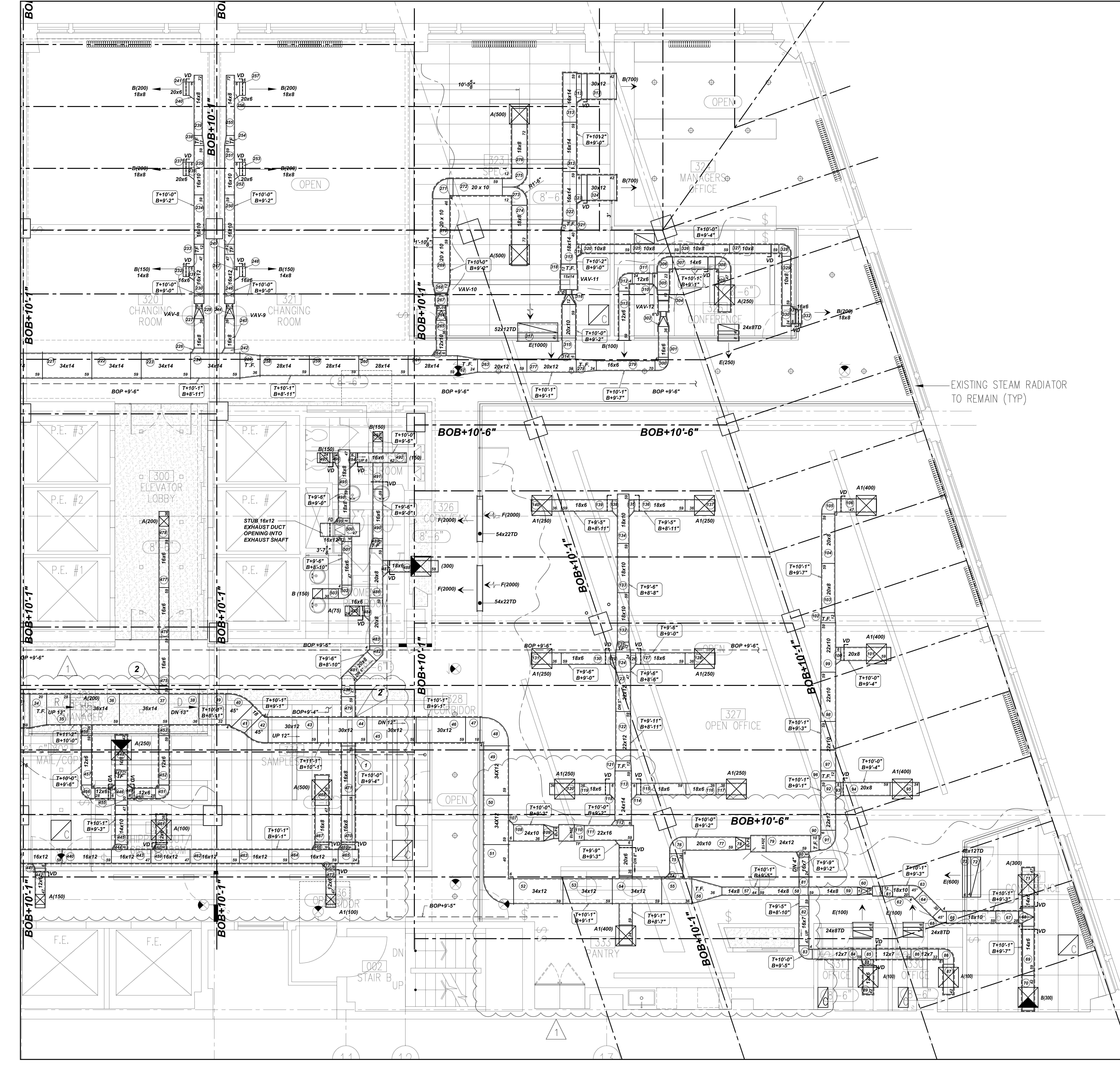
GENERAL NOTES:

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- ALL TRANSFER DUCTWORK SHALL BE LINED W/ 1" A.L. - UPSIZE DUCT ACCORDINGLY.
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- SEAL ALL DUCTWORK AS PER SMACNA STANDARDS.
- SHOW ALL RETURN GRILLE AND SIZES
- ALL RADIUS ELBOWS TO BE FILLET RADIUS.
- ALL MITERED ELBOWS TO HAVE TURNING VANES
- G.C. TO COORDINATE DUCTWORK WITH ALL TRADES.

DRAWING TITLE:
 3RD FLOOR PART PLAN
 DUCT LAYOUT

SCALE: TO FIT PAGE. DO NOT SCALE
 DATE: 07/02/12
 PAGE SIZE 36 x 48
 M-301-A





NO.	DESCRIPTION	TYPE	SIZE	FLOW	LOCATION	REMARKS
1	DIFFUSER	18x8	180	30	320 CHANGING ROOM	
2	DIFFUSER	18x8	180	30	321 CHANGING ROOM	
3	DIFFUSER	18x8	180	30	322 CHANGING ROOM	
4	DIFFUSER	18x8	180	30	323 CHANGING ROOM	
5	DIFFUSER	18x8	180	30	324 CHANGING ROOM	
6	DIFFUSER	18x8	180	30	325 CHANGING ROOM	
7	DIFFUSER	18x8	180	30	326 CHANGING ROOM	
8	DIFFUSER	18x8	180	30	327 CHANGING ROOM	
9	DIFFUSER	18x8	180	30	328 CHANGING ROOM	
10	DIFFUSER	18x8	180	30	329 CHANGING ROOM	
11	DIFFUSER	18x8	180	30	330 CHANGING ROOM	
12	DIFFUSER	18x8	180	30	331 CHANGING ROOM	
13	DIFFUSER	18x8	180	30	332 CHANGING ROOM	
14	DIFFUSER	18x8	180	30	333 CHANGING ROOM	
15	DIFFUSER	18x8	180	30	334 CHANGING ROOM	
16	DIFFUSER	18x8	180	30	335 CHANGING ROOM	
17	DIFFUSER	18x8	180	30	336 CHANGING ROOM	
18	DIFFUSER	18x8	180	30	337 CHANGING ROOM	
19	DIFFUSER	18x8	180	30	338 CHANGING ROOM	
20	DIFFUSER	18x8	180	30	339 CHANGING ROOM	
21	DIFFUSER	18x8	180	30	340 CHANGING ROOM	
22	DIFFUSER	18x8	180	30	341 CHANGING ROOM	
23	DIFFUSER	18x8	180	30	342 CHANGING ROOM	
24	DIFFUSER	18x8	180	30	343 CHANGING ROOM	
25	DIFFUSER	18x8	180	30	344 CHANGING ROOM	
26	DIFFUSER	18x8	180	30	345 CHANGING ROOM	
27	DIFFUSER	18x8	180	30	346 CHANGING ROOM	
28	DIFFUSER	18x8	180	30	347 CHANGING ROOM	
29	DIFFUSER	18x8	180	30	348 CHANGING ROOM	
30	DIFFUSER	18x8	180	30	349 CHANGING ROOM	
31	DIFFUSER	18x8	180	30	350 CHANGING ROOM	
32	DIFFUSER	18x8	180	30	351 CHANGING ROOM	
33	DIFFUSER	18x8	180	30	352 CHANGING ROOM	
34	DIFFUSER	18x8	180	30	353 CHANGING ROOM	
35	DIFFUSER	18x8	180	30	354 CHANGING ROOM	
36	DIFFUSER	18x8	180	30	355 CHANGING ROOM	
37	DIFFUSER	18x8	180	30	356 CHANGING ROOM	
38	DIFFUSER	18x8	180	30	357 CHANGING ROOM	
39	DIFFUSER	18x8	180	30	358 CHANGING ROOM	
40	DIFFUSER	18x8	180	30	359 CHANGING ROOM	
41	DIFFUSER	18x8	180	30	360 CHANGING ROOM	
42	DIFFUSER	18x8	180	30	361 CHANGING ROOM	
43	DIFFUSER	18x8	180	30	362 CHANGING ROOM	
44	DIFFUSER	18x8	180	30	363 CHANGING ROOM	
45	DIFFUSER	18x8	180	30	364 CHANGING ROOM	
46	DIFFUSER	18x8	180	30	365 CHANGING ROOM	
47	DIFFUSER	18x8	180	30	366 CHANGING ROOM	
48	DIFFUSER	18x8	180	30	367 CHANGING ROOM	
49	DIFFUSER	18x8	180	30	368 CHANGING ROOM	
50	DIFFUSER	18x8	180	30	369 CHANGING ROOM	
51	DIFFUSER	18x8	180	30	370 CHANGING ROOM	
52	DIFFUSER	18x8	180	30	371 CHANGING ROOM	
53	DIFFUSER	18x8	180	30	372 CHANGING ROOM	
54	DIFFUSER	18x8	180	30	373 CHANGING ROOM	
55	DIFFUSER	18x8	180	30	374 CHANGING ROOM	
56	DIFFUSER	18x8	180	30	375 CHANGING ROOM	
57	DIFFUSER	18x8	180	30	376 CHANGING ROOM	
58	DIFFUSER	18x8	180	30	377 CHANGING ROOM	
59	DIFFUSER	18x8	180	30	378 CHANGING ROOM	
60	DIFFUSER	18x8	180	30	379 CHANGING ROOM	
61	DIFFUSER	18x8	180	30	380 CHANGING ROOM	
62	DIFFUSER	18x8	180	30	381 CHANGING ROOM	
63	DIFFUSER	18x8	180	30	382 CHANGING ROOM	
64	DIFFUSER	18x8	180	30	383 CHANGING ROOM	
65	DIFFUSER	18x8	180	30	384 CHANGING ROOM	
66	DIFFUSER	18x8	180	30	385 CHANGING ROOM	
67	DIFFUSER	18x8	180	30	386 CHANGING ROOM	
68	DIFFUSER	18x8	180	30	387 CHANGING ROOM	
69	DIFFUSER	18x8	180	30	388 CHANGING ROOM	
70	DIFFUSER	18x8	180	30	389 CHANGING ROOM	
71	DIFFUSER	18x8	180	30	390 CHANGING ROOM	
72	DIFFUSER	18x8	180	30	391 CHANGING ROOM	
73	DIFFUSER	18x8	180	30	392 CHANGING ROOM	
74	DIFFUSER	18x8	180	30	393 CHANGING ROOM	
75	DIFFUSER	18x8	180	30	394 CHANGING ROOM	
76	DIFFUSER	18x8	180	30	395 CHANGING ROOM	
77	DIFFUSER	18x8	180	30	396 CHANGING ROOM	
78	DIFFUSER	18x8	180	30	397 CHANGING ROOM	
79	DIFFUSER	18x8	180	30	398 CHANGING ROOM	
80	DIFFUSER	18x8	180	30	399 CHANGING ROOM	
81	DIFFUSER	18x8	180	30	400 CHANGING ROOM	
82	DIFFUSER	18x8	180	30	401 CHANGING ROOM	
83	DIFFUSER	18x8	180	30	402 CHANGING ROOM	
84	DIFFUSER	18x8	180	30	403 CHANGING ROOM	
85	DIFFUSER	18x8	180	30	404 CHANGING ROOM	
86	DIFFUSER	18x8	180	30	405 CHANGING ROOM	
87	DIFFUSER	18x8	180	30	406 CHANGING ROOM	
88	DIFFUSER	18x8	180	30	407 CHANGING ROOM	
89	DIFFUSER	18x8	180	30	408 CHANGING ROOM	
90	DIFFUSER	18x8	180	30	409 CHANGING ROOM	
91	DIFFUSER	18x8	180	30	410 CHANGING ROOM	
92	DIFFUSER	18x8	180	30	411 CHANGING ROOM	
93	DIFFUSER	18x8	180	30	412 CHANGING ROOM	
94	DIFFUSER	18x8	180	30	413 CHANGING ROOM	
95	DIFFUSER	18x8	180	30	414 CHANGING ROOM	
96	DIFFUSER	18x8	180	30	415 CHANGING ROOM	
97	DIFFUSER	18x8	180	30	416 CHANGING ROOM	
98	DIFFUSER	18x8	180	30	417 CHANGING ROOM	
99	DIFFUSER	18x8	180	30	418 CHANGING ROOM	
100	DIFFUSER	18x8	180	30	419 CHANGING ROOM	
101	DIFFUSER	18x8	180	30	420 CHANGING ROOM	

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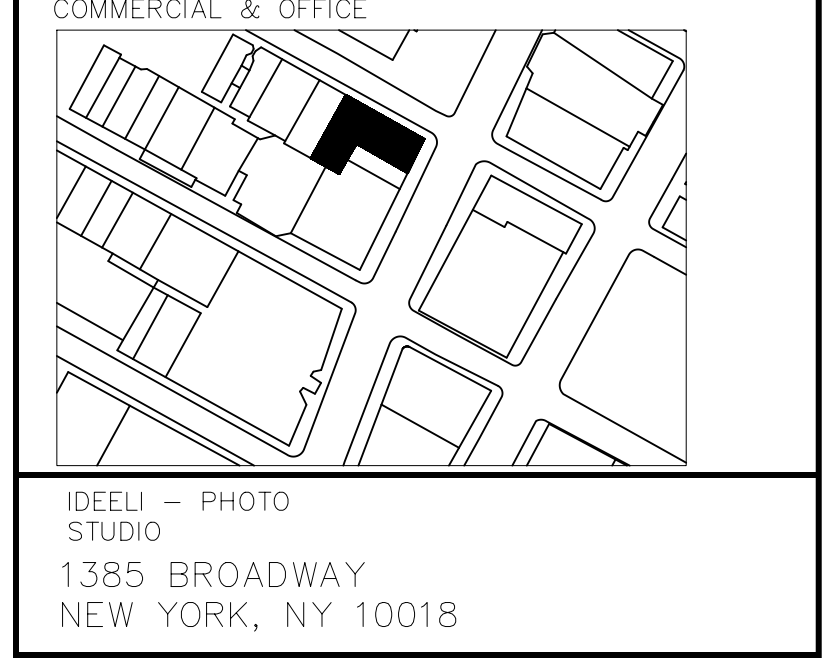
---	DUCT LINING
---	DUCT WRAP

SLAB TO DECK +11'-4"

ARCHITECT / ENGINEER

- ① - HIT PLEASE ADVISE
- ② CONFLICT DUCT ELEVATION WITH LIGHTS, CLG HEIGHT, PIPE, DUCT LAYOUT. PLEASE ADVISE

KEY PLAN
1385 BROADWAY
3RD FLOOR
NEW YORK, NY 10018



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 2. ALL TRANSFER DUCTWORK SHALL BE LINED W/ 1" A.L. UPSIZE DUCT ACCORDINGLY.
 3. ALL DUCT WORK EXPOSED TO VIEW SHALL BE LINED W/ 1" A.L. UPSIZE DUCT ACCORDINGLY.
 4. ALL DUCTWORK 15'-0" DOWNSTREAM OF VAV BOX SHALL BE LINED W/ 1" A.L. UPSIZE DUCT ACCORDINGLY.
 5. PROVIDE ADEQUATE MAINTENANCE CLEARANCES AROUND ALL VAV BOXES AND HVAC EQUIPMENTS.
 6. ALL SHEET-METAL AND FITTINGS SHALL BE SMACNA APPROVED.
 7. ARCH TO VERIFY ALL CLG HEIGHTS.
 8. SEAL ALL DUCTWORK AS PER SMACNA STANDARDS.
 9. SHOW ALL RETURN GRILLE AND SIZES
 10. ALL RADIUS ELBOWS TO BE FILLET RADIUS.
 11. ALL MITERED ELBOWS TO HAVE TURNING VANES
 12. G.C. TO COORDINATE DUCTWORK WITH ALL TRADES.

NO.	DATE	REVISION
1	07/02/12	FOR APPROVAL
2	07/09/12	REVISED PER ENGINEER COMMENTS

MECHANICAL CONTRACTOR:
A1 EXPERTS
MECHANICAL CONTRACTOR
WEST INDUSTRY COURT
DEER PARK , NEW YORK
TEL: (631) 243-1122

DRAFTING COMPANY:
CADDISULTANTS
Certified CAD Specialist
All Types of Drafting
MARC HOFFMAN
167 Allen Road
Rockville Centre, NY, 11570
Contact: 631.661.2514
Email: Caddisultant@yahoo.com

PROJECT INFORMATION:
1385 BROADWAY NY,
NEW YORK , 10018

DRAWING TITLE:
**3RD FLOOR PART PLAN
DUCT LAYOUT**

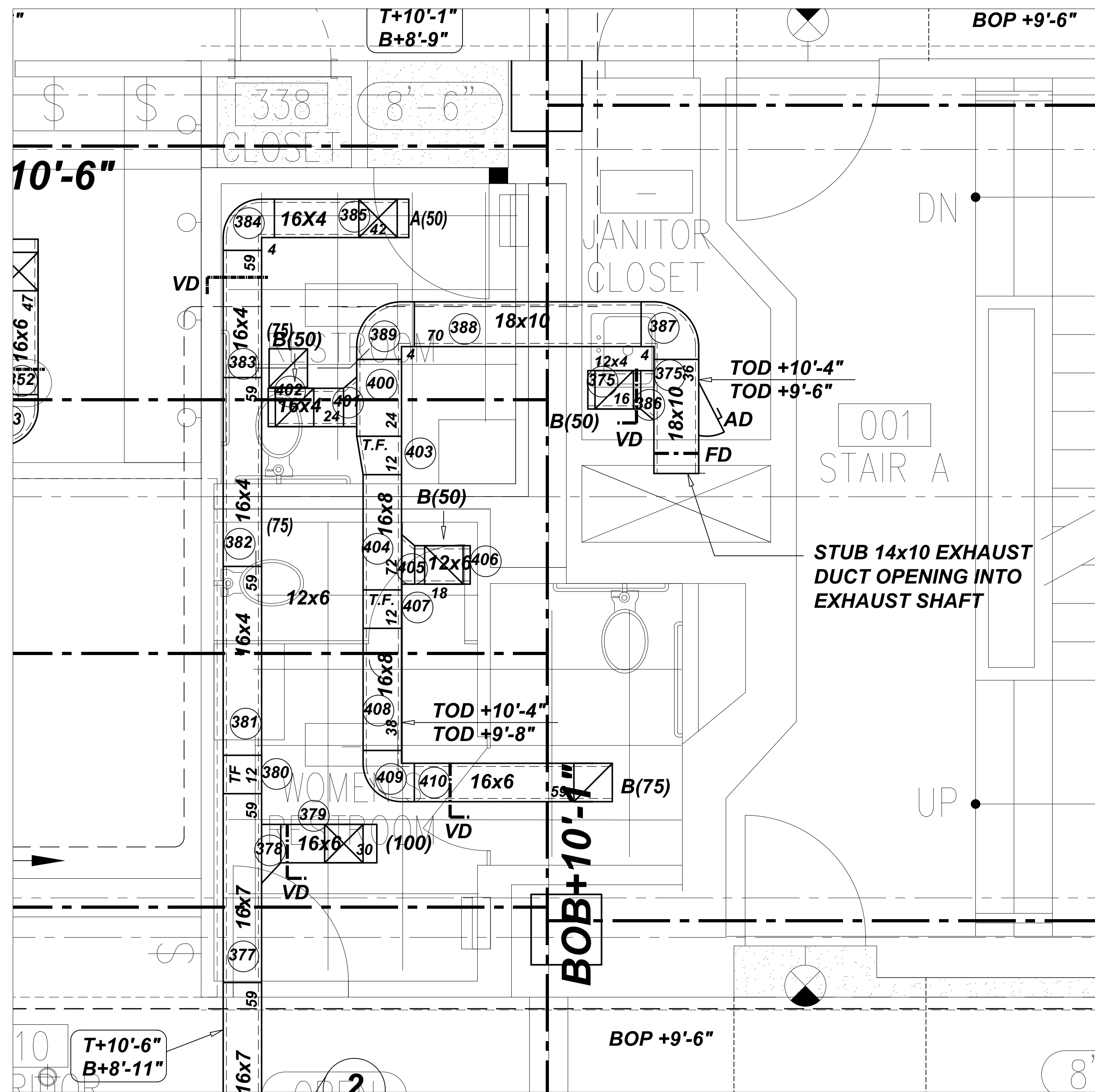
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DATE: 07/02/12

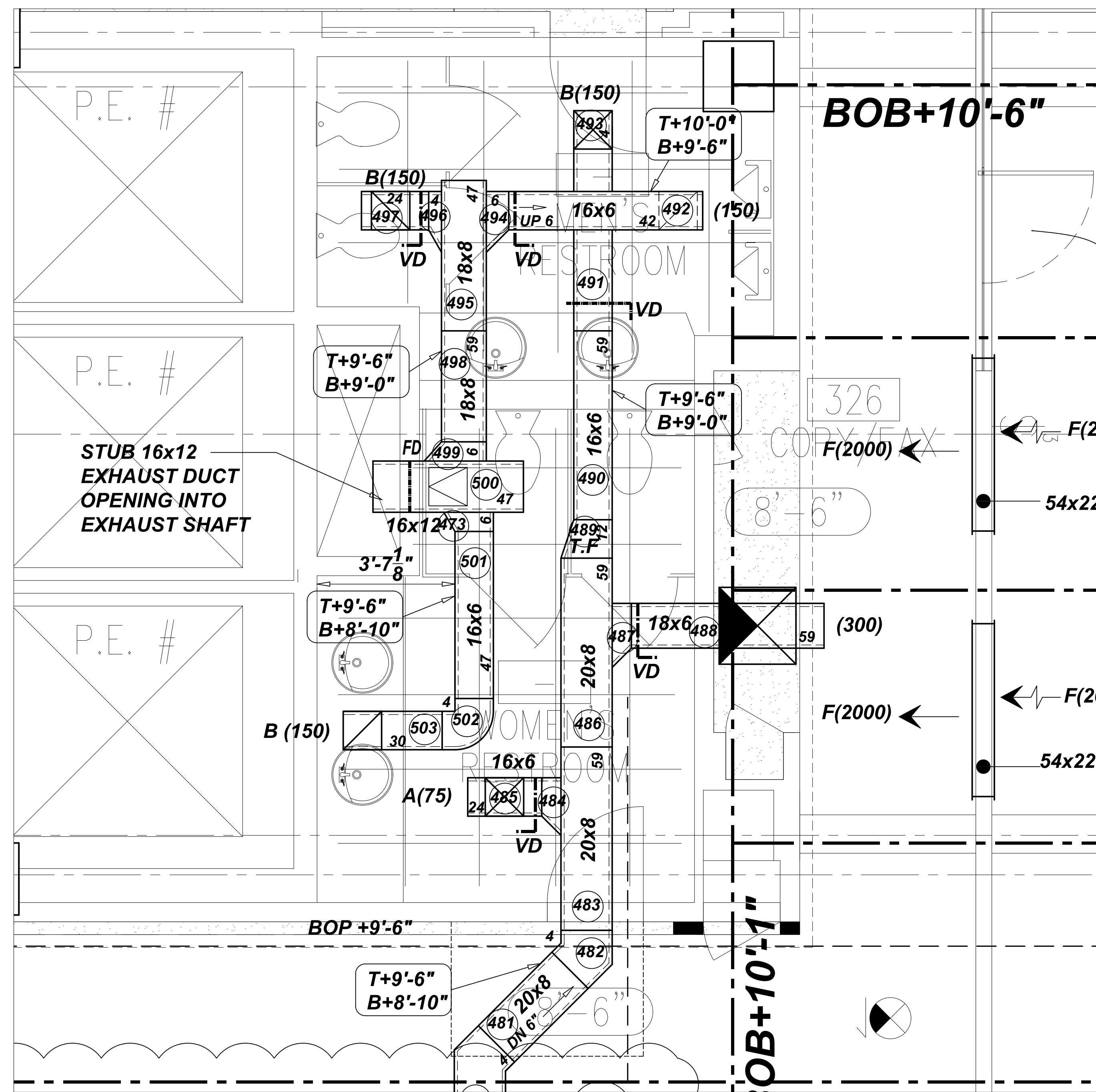
PAGE SIZE 36 x 48

M-301-B

DRAWING NOTES:
MER AC-3 & 4 CONTRACTOR TO PROVIDE SUBMITTALS IN ORDER TO GENERATE SHOP DRAWING.



3RD FLOOR DUCT BATHROOMS
SCALE: 1/2"=1'-0"



3RD FLOOR DUCT BATHROOMS
SCALE: 1/2"=1'-0"

NO.	DATE	REVISION
2	07/05/12	REVISED PER ENGINEERS COMMENTS
1	06/21/12	FOR APPROVAL

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A1 EXPERTS
MECHANICAL CONTRACTOR
WEST INDUSTRY COURT
DEER PARK, NEW YORK
TEL: (631) 243-1122

DRAFTING COMPANY:

CADDSULTANTS
Certified CAD Specialist
All Types of Drafting

MARC HOFFMAN
167 Allen Road
Rockville Centre NY, 11570
Contact: 646.641.2512
Email: Caddsultant@yahoo.com

PROJECT INFORMATION:

3RD FL CORE & SHELL
1385 BROADWAY NY, NEW YORK, 10018

DRAWING TITLE:

3RD FLOOR DUCT BATHROOMS

SCALE: 3/8"=1'-0"

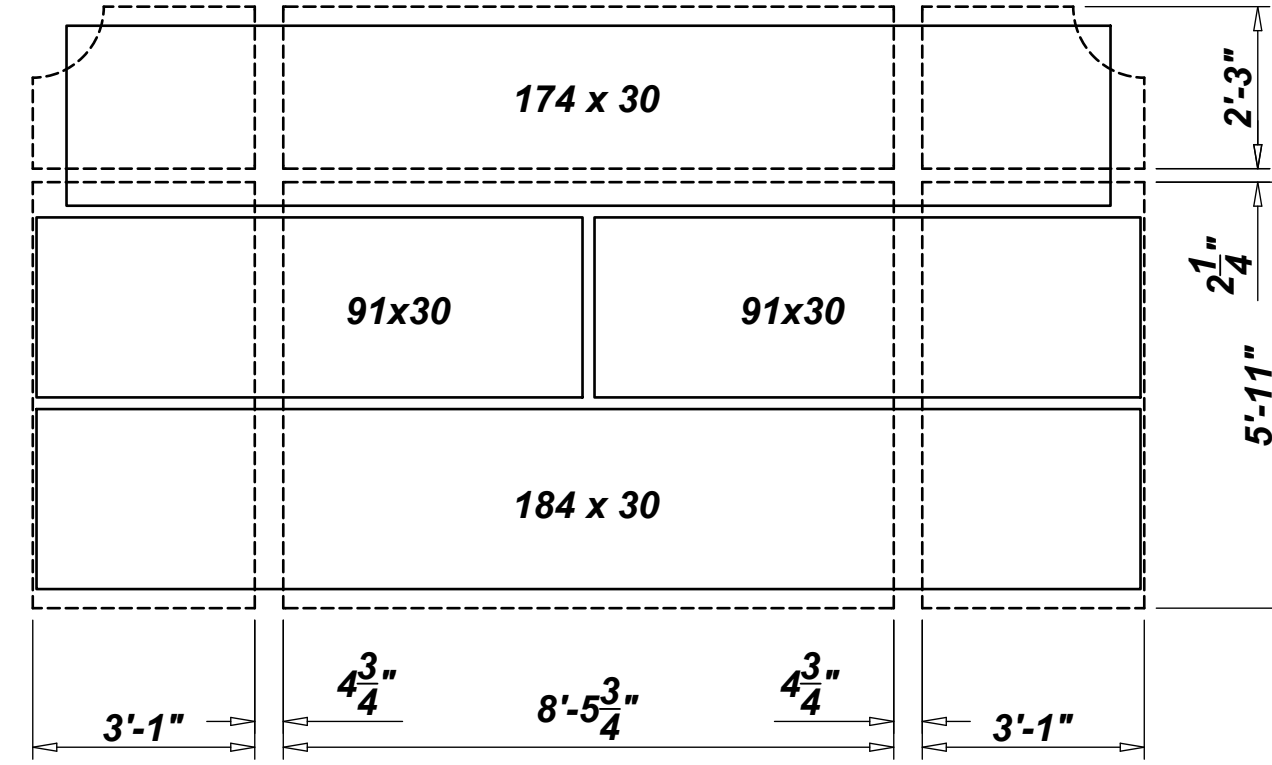
DATE: 06/21/12

DRAWING NUMBER

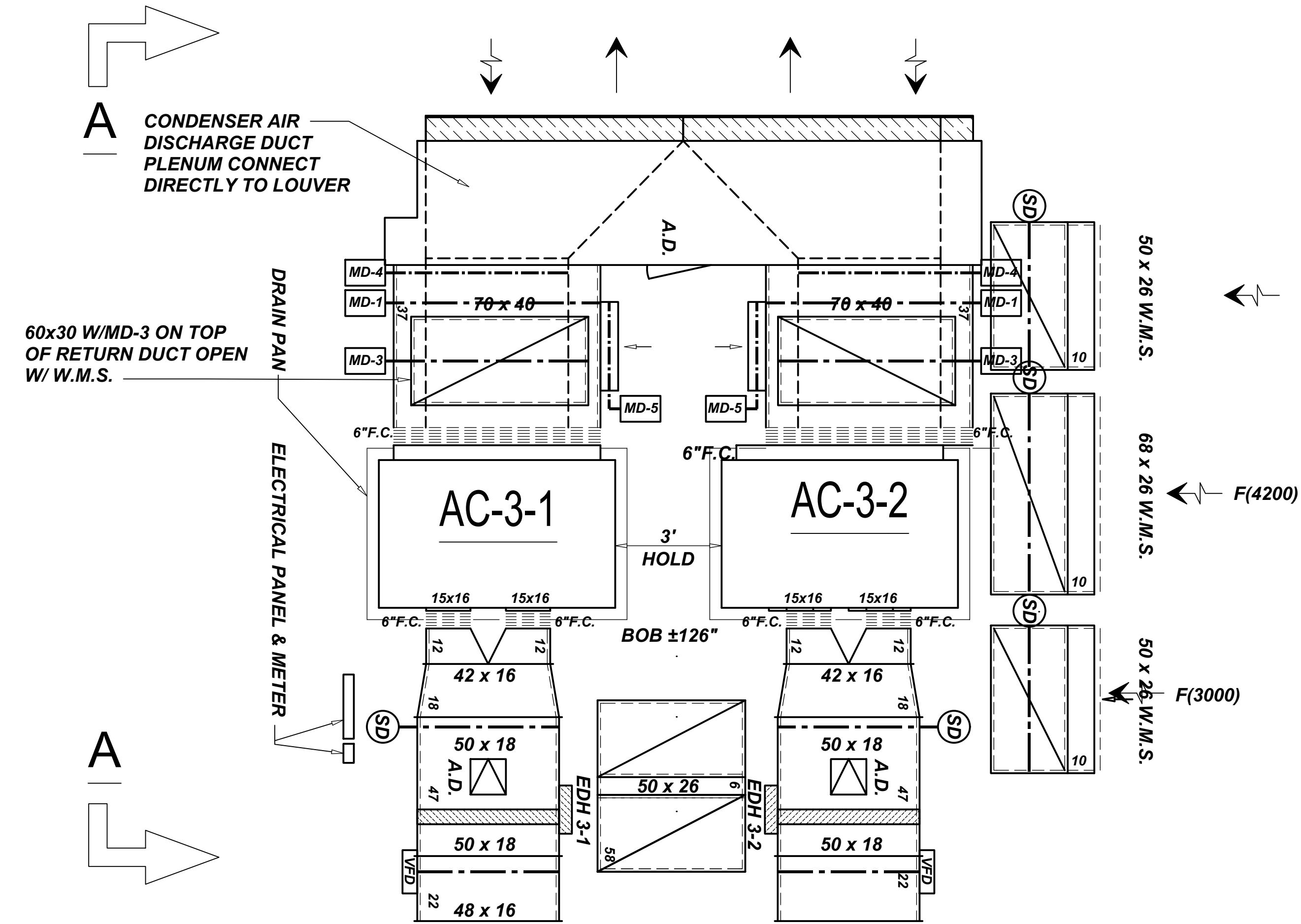
M-3C

(2) 91x30 CONDENSER AIR DISCHARGE LOUVER WITH 60% FREE AREA, 10° ANGLE BLADES WITH BIRDSCREEN BY POTTORFF MODEL EFK-430 W/CLEAR ANODISE WITH DURANODIC FINNISHES.

174 x 30 TOP & 184 x 30 BOTTOM CONDENSER/OUTSIDE AIR INTAKE LOUVER WITH 56% FREE AREA, 30° ANGLE BLADES & BIRDSCREEN. PROVIDE FIRE DAMPER AT EACH LOUVER. LOUVER SHALL BE W/CLEAR ANODISE WITH DURANODIC FINNISHES AND NO WATER PENETRATION BASED ON 350FPM AT NET FREE AREA. PROVIDE F.D. AT EACH INTAKE.



LOUVER LAYOUT
SCALE:

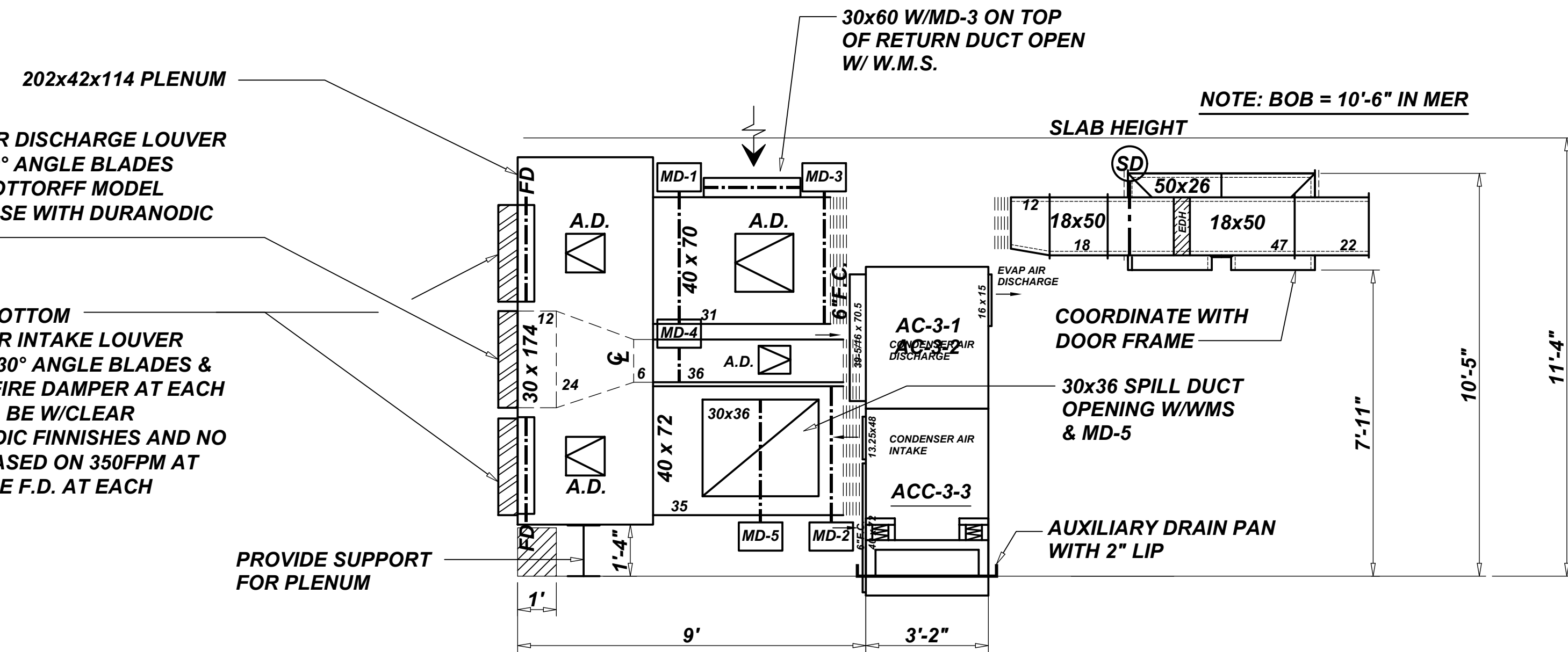


3RD FL MER PLAN
SCALE:
NOTE: BOB = 10'-6" IN MER

NOTE:
1. ALL DUCTWORK WITH-IN 10'-0" OF LOUVER SHALL BE ALUMINUM CONSTRUCTION. SEE SPECS.
2. ALL SUPPLY AND RETURN DUCT SHALL HAVE 1"A.L.
3. ALL MOTORIZED DAMPERS SHALL BE MODULATING TYP.

(2) 91x30 CONDENSER AIR DISCHARGE LOUVER WITH 60% FREE AREA, 10° ANGLE BLADES WITH BIRDSCREEN BY POTTORFF MODEL EFK-430 W/CLEAR ANODISE WITH DURANODIC FINNISHES.

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ELEVATION A-A
SCALE:

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NO.	DATE	REVISION

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DRAWING TITLE:
3RD FLOOR DUCT BATHROOMS

SCALE: 3/8"=1'-0"

DATE: 06/21/12

DRAWING NUMBER

M-3C