

RFP 12-001-33 RENOVATION OF VASCO A.SMITH JR. ADMINISTRATION BUILDING

Instructions for Project Experience Submittal

Each Prime Contractor who submits a bid for the renovation of the Vasco Smith Administration Building is required to submit the following information for evaluation by the office of the Architect/Engineer & Shelby County Government Support Services. Your company will be evaluated according to the criteria outlined below:

1. General compliance with all bidder instructions and forms.

The evaluator will circle YES or NO to indicate your compliance or non-compliance with all bidder instructions and forms.

In order for the evaluation team to properly consider your firm, you are also required to provide the following specific information:

2. Approach to this project – Each Prime Contractor shall prepare and attach a detailed description of their firm’s proposed approach to the renovation of the Vasco Smith Administration Building.

3. Experience of 3 recent projects – Each Prime Contractor shall prepare and attach a detailed description of their company’s experience with projects of similar scope and value to the Vasco Smith Administration Building. Please note that the evaluation committee is particularly interested in your firm’s experience with partially occupied building greater than five stories in height.

4. Letters of references for the 3 projects listed above – Along with the three Letters of Reference, each Prime Contractor shall indicate on their submittal the Individual contact name, email address and telephone number for each reference.

5. Change order history & references of the 3 similar projects above – For a project associated with each letter of reference, indicate the Initial Construction Cost and the Dollar Value of Change Orders. Please indicate subtotals for change orders that were owner requested and rfi/design issues.

FINANCIAL CAPABILITY

Each General Contractor shall submit documentation defining their firm’s financial strength. If company is publicly traded, submit year end public financials information. If company is privately

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Instructions for Project Experience Submittal (page 2)

held, provide Dun and Bradstreet rating, surety Bond rating and/ or Banking references to show financial stability and the ability to handle this project.

6. Dun and Bradstreet rating – Each Prime Contractor shall indicate their company name, company number and current Dun and Bradstreet rating.

7. Surety bond rating – Each Prime Contractor shall indicate Company name, bond rating and bonding capacity.

8. Banking relationship – Each Prime Contractor shall indicate Bank name, individual contact name, email address and telephone number.

COST REVIEW SECTION

9. LOSB participation requirement – Each Prime Contractor shall indicate their total LOSB participation.

10. Base bid . bid package #1 – Each Prime Contractor shall indicate their proposed total cost for bid package #1.

Base bid . bid package #2 – Each Prime Contractor shall indicate the cost associated with each alternate as list on the bid form. Please also indicate the total proposed cost for bid package #2.

Vasco Smith Administration Building - Asbestos Survey - 2010

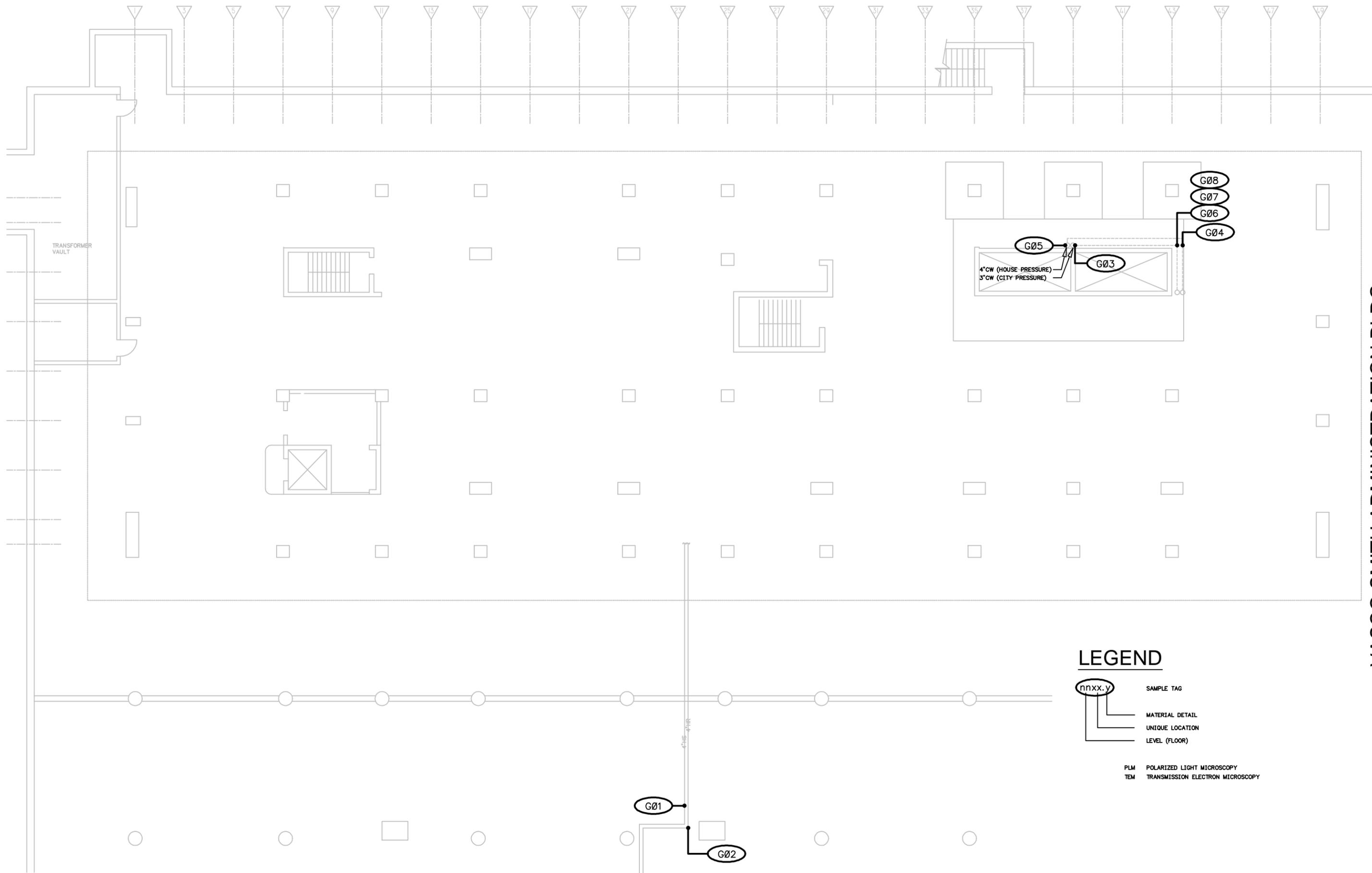
Item	Tag	Description	Sample Date (MM/DD)	ACM (Y/N)	Test Method (TEM / PLM)	Remarks
1	1301.0	Roof flashing center north	12/14	N	PLM	
2	1301.1	Roof, flat built up roof center north	12/14	N	PLM	
3	1302.0	Roof flashing center south	12/14	N	PLM	
4	1302.1	Roof, flat built up roof center south	12/14	N	PLM	
5	1303.0	Roof flashing center east	12/14	N	PLM	
6	1303.1	Roof, flat built up roof center east	12/14	N	PLM	
7	1304.0	Roof flashing center west	12/14	N	PLM	
8	1304.1	Roof, flat built up roof center west	12/14	N	PLM	
9	1305.0	Roof flashing at elevator penthouse	12/14	Y	PLM	25% Chrysotile
10	1305.1	Roof, flat built up roof elevator penthouse	12/14	N	PLM	
11	1201.0	Cement Plaster Rough Finish Wall	12/14	Y	PLM	40% Chrysotile
12	1201.1	Cement Plaster Rough Finish Ceiling	12/14	N	PLM	
13	1202.0	Cove base mastic	12/14	N	PLM	
14	1203.0	Small round duct insulation, aluminum jacket (9"rd)	12/14	N	PLM	
	1203.1	Fibrous Insulation	12/15	N	PLM	
15	1204.0	Large round duct insulation, aluminum jacket (28"rd)	12/14	N	PLM	
	1204.1	Fibrous Insulation	12/15	N	PLM	
16	1205.0	Pipe elbow mastic (5" dual temp)	12/14	Y	PLM	25% Chrysotile
17	1205.1	Pipe elbow insulation (5" dual temp)	12/14	Y	PLM	7% Chrysotile
18	1206.0	Pipe insulation, aluminum jacket (dual temp)	12/14	Y	PLM	45% Chrysotile
19	1207.0	Louver blank-off panel	12/14	Y	PLM	30% Chrysotile
20	1208.0	Flexible black duct fabric at fan connection	12/14	N	PLM	
21	1209.0	1" NPCW fitting mastic	12/14	N	PLM	
22	1209.1	1" NPCW fitting insulation	12/14	N	PLM	
23	1210.0	Pipe insulation (10" CHW, No Aluminum Jacket)	12/14	N	PLM	
24	1211.0	Pipe elbow mastic (10" CHW)	12/14	N	PLM	
25	1211.1	Pipe elbow insulation (10" CHW)	12/14	Y	PLM	30% Chrysotile
26	1212.0	Pipe insulation (10" CHW w/ Alum jacket)	12/14	N	PLM	
27	1213.0	Pipe insulation (2" STM)	12/14	N	PLM	
28	1214.0	Pipe elbow mastic (2" STM)	12/14	N	PLM	
29	1214.1	Pipe elbow insulation (2" STM)	12/14	Y	PLM	25% Amosite, 30% Chrysotile
30	1215.0	Spray-On ceiling surfacing	12/14	Y	PLM	35% Chrysotile
31	1216.0	Cement plaster smooth finish wall	12/14	N	PLM	
32	1216.1	Cement plaster smooth finish ceiling	12/14	N	PLM	
33	1217.0	Pipe insulation, aluminum jacket (5" HW)	12/14	Y	PLM	25% Amosite, 30% Chrysotile
34	1218.0	Pipe elbow mastic (8" HW)	12/15	N	PLM	
35	1218.1	Pipe elbow insulation (8" HW)	12/15	Y	PLM	30% Chrysotile
36	1219.0	Pipe elbow mastic (2.5" Domestic CW)	12/15	Y	PLM	<1% Chrysotile
37	1219.1	Pipe elbow insulation (2.5" Domestic CW)	12/15	Y	PLM	10% Amosite, 7% Chrysotile
38	1220.0	Pipe insulation (2.5" Domestic CW)	12/15	N	PLM	
39	1221.0	Boiler refractory door	12/15	N	PLM	
40	1222.0	Boiler refractory jacket	12/15	Y	PLM	3% Chrysotile
41	1223.0	Boiler door gasket	12/15	N	PLM	
42	1224.0	Boiler flue insulation, aluminum jacket	12/15	N	PLM	
43	1225.0	Pipe insulation air eliminator 30"dia, aluminum jacket	NS			
	1230.0	Stockroom Wall	1/24	N	PLM	
	1230.1	Stockroom Wall	1/24	N	PLM	
	1231.0	Pump Room Wall	1/24	N	PLM	
	1231.1	Pump Room Wall	1/24	N	PLM	
	1232.0	HW Exchange Insulation	1/24	N	PLM	
	1233.0	Boiler Flue insulation	1/24	N	PLM	
	1234.0	Air Handling CWH Insulation	1/24	Y	PLM	7% Chrysotile
	1234.1	Air Handling CWH Insulation Covering	1/24	N	PLM	
44	1101.0	Pipe Insulation (4" RL)	NS			
45	1102.0	Pipe Insulation, white ASJ (3/4" Cold Condensate)	12/16	N	PLM	
46	1102.1	Pipe insulation mastic, white p-traps (3/4" Cold Condensate)	12/16	N	PLM	
47	1103.0	Duct flexible jacket, gray (4" dia Induction Unit)	NS			
48	1103.1	Duct flexible insulation, gray (4" dia Induction Unit)	NS			
49	1104.0	Duct flexible jacket, gray (6" dia air outlet)	12/16	N	PLM	
50	1104.1	Duct flexible insulation, gray (6" dia air outlet)	12/16	N	PLM	
51	1105.0	Duct insulation FSK jacket (4" dia rigid duct)	12/16	N	PLM	
52	1105.1	Duct insulation FSK insulation (4" dia rigid duct)	12/16	N	PLM	
53	1106.0	Cement plaster smooth finish wall	12/16	N	PLM	
54	1106.1	Cement plaster smooth finish ceiling	12/16	N	PLM	
55	1107.0	South stair floor tile - top layer	12/16	N	PLM	
56	1107.1	South stair floor tile mastic	NS			
57	1107.2	South stair floor tile - bottom layer	12/16	Y	PLM	10% Chrysotile
58	1107.3	South stair floor tile mastic	12/16	Y	PLM	8% Chrysotile
59	1107.4	reserved	NS			
60	1107.5	First layer cove base mastic	12/16	N	PLM	
61	1107.6	South stair ceiling tile	12/16	N	PLM	
62	1107.7	South stair cove base	12/16	N	PLM	
63	1107.8	South stair cove base mastic	12/16	N	PLM	
64	1107.9	South stair gypsum wall	12/16	N	PLM	
65	1108.0	Southwest corner floor tile	NS			
66	1108.1	Southwest corner floor tile mastic	12/16	Y	PLM	15% Chrysotile
67	1108.2	Southwest corner floor tile	NS			
68	1108.3	Southwest corner floor tile mastic	NS			
69	1108.4	reserved	NS			
70	1108.5	Southwest corner ceiling tile	12/16	N	PLM	
71	1109.0	North elevator floor tile	12/16	N	PLM	
72	1109.1	North elevator floor tile mastic	NS			
73	1109.2	North elevator floor tile	NS			
74	1109.3	North elevator floor tile mastic	NS			
75	1109.4	reserved	NS			
76	1109.5	reserved	NS			
77	1109.6	North elevator ceiling tile	12/16	N	PLM	
78	1109.7	North elevator cove base	12/16	N	PLM	
79	1109.8	North elevator cove base mastic	12/16	N	PLM	
80	1109.9	North elevator gypsum wall	12/16	N	PLM	
81	1110.0	Northeast corner floor tile	12/16	Y	PLM	12% Chrysotile

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Item	Tag	Description	Sample Date (MM/DD)	ACM (Y/N)	Test Method (TEM / PLM)	Remarks
82	1110.1	Northeast corner floor tile mastic	12/16	Y	PLM	12% Chrysotile
83	1110.2	Northeast corner floor tile	NS			
84	1110.3	Northeast corner floor tile mastic	NS			
85	1110.4	reserved	NS			
86	1110.5	Northeast corner ceiling tile	12/16	N	PLM	
87	901.0	reserved	NS			
88	902.0	Pipe Insulation, white ASJ (3/4" Cold Condensate)	12/16	N	PLM	
	902.0a	Pipe Insulation, fibrous	12/16	N	PLM	
89	902.1	Pipe insulation mastic, white p-traps (3/4" Cold Condensate)	NS			
	902.1a	Mastic wrap	12/16	N	PLM	
90	903.0	Duct flexible jacket, gray (4" dia Induction Unit)	12/16	N	PLM	
91	903.1	Duct flexible insulation, gray (4" dia Induction Unit)	NS			
92	904.0	Duct flexible jacket, gray (6" dia air outlet)	NS			
93	904.1	Duct flexible insulation, gray (6" dia air outlet)	12/16	N	PLM	
94	905.0	Duct insulation FSK jacket (4" dia rigid duct)	NS			
95	905.1	Duct insulation FSK insulation (4" dia rigid duct)	NS			
96	906.0	Cement plaster smooth finish wall	12/16	N	PLM	
97	906.1	Cement plaster smooth finish ceiling	NS			
98	907.0	South stair floor tile - top layer	12/16	N	PLM	
99	907.1	South stair floor tile mastic	NS			
100	907.2	South stair floor tile - bottom layer	12/16	Y	PLM	17% Chrysotile
101	907.3	South stair floor tile mastic	12/16	Y	PLM	10% Chrysotile
102	907.4	reserved	NS			
103	907.5	reserved	NS			
104	907.6	South stair ceiling tile	12/16	N	PLM	
105	907.7	South stair cove base	12/16	N	PLM	
106	907.8	South stair cove base mastic	12/16	N	PLM	
107	907.9	South stair gypsum wall (skim coat)	12/16	N	PLM	
	907.9	South stair - rough coat	12/16	N	PLM	
108	908.0	Southwest corner floor tile	12/16	Y	PLM	12% Chrysotile
109	908.1	Southwest corner floor tile mastic	12/16	Y	PLM	10% Chrysotile
110	908.2	Southwest corner floor tile	NS			
111	908.3	Southwest corner floor tile mastic	NS			
112	908.4	reserved	NS			
113	908.5	Southwest corner ceiling tile	NS			
114	909.0	North elevator floor tile	12/16	Y	PLM	10% Chrysotile
115	909.1	North elevator floor tile mastic	12/16	Y	PLM	8% Chrysotile
116	909.2	North elevator floor tile	NS			
117	909.3	North elevator floor tile mastic	NS			
118	909.4	reserved	NS			
119	909.5	reserved	NS			
120	909.6	North elevator ceiling tile	12/16	N	PLM	
121	909.7	North elevator cove base	12/16	N	PLM	
	909.7a	North elevator cove mastic - first layer	12/16	N	PLM	
122	909.9	North elevator cove base mastic (skim coat wall material)	12/16	N	PLM	
123	909.9	North elevator gypsum wall (rough coat wall material)	12/16	N	PLM	
124	910.0	Northeast corner floor tile	NS			
125	910.1	Northeast corner floor tile mastic	NS			
126	910.2	Northeast corner floor tile	NS			
127	910.3	Northeast corner floor tile mastic	NS			
128	910.4	reserved	NS			
129	910.5	Northeast corner ceiling tile	12/16	N	PLM	
130	501.0	reserved	NS			
131	502.0	Pipe Insulation, white ASJ (3/4" Cold Condensate)	12/16	N	PLM	
132	502.1	Pipe insulation mastic, white p-traps (3/4" Cold Condensate)	12/16	N	PLM	
133	503.0	Duct flexible jacket, gray (4" dia Induction Unit)	12/16	N	PLM	
134	503.1	Duct flexible insulation, gray (4" dia Induction Unit)	12/16	N	PLM	
135	504.0	Duct flexible jacket, gray (6" dia air outlet)	12/16	N	PLM	
136	504.1	Duct flexible insulation, gray (6" dia air outlet)	12/16	N	PLM	
137	505.0	Duct insulation FSK jacket (4" dia rigid duct)	12/16	N	PLM	
138	505.1	Duct insulation FSK insulation (4" dia rigid duct)	12/16	N	PLM	
139	506.0	Cement plaster smooth finish wall	12/16	N	PLM	
140	506.1	Cement plaster smooth finish ceiling	12/16	N	PLM	
141	507.0	South stair floor tile - top layer of three layers	12/15	N	PLM	
142	507.1	South stair floor tile mastic	NS			
143	507.2	South stair floor tile - second of three layers	12/15	N	PLM	
144	507.3	South stair floor tile mastic	NS			
145	507.4	South stair floor tile - bottom of three layers	12/15	Y	PLM	8% Chrysotile
146	507.5	reserved	NS			
147	507.6	South stair ceiling tile	12/15	N	PLM	
148	507.7	South stair cove base	12/15	N	PLM	
149	507.8	South stair cove base mastic	12/15	N	PLM	
150	507.9	South stair gypsum wall	12/15	Y	PLM	5% Chrysotile
151	508.0	Southwest corner floor tile	12/16	Y	PLM	3% Chrysotile
152	508.1	Southwest corner floor tile mastic	12/16	Y	PLM	10% Chrysotile
153	508.2	Southwest corner floor tile	NS			
154	508.3	Southwest corner floor tile mastic	NS			
155	508.4	reserved	NS			
156	508.5	Southwest corner ceiling tile	12/16	N	PLM	
157	509.0	North elevator floor tile	NS			
158	509.1	North elevator floor tile mastic	NS			
159	509.2	North elevator floor tile	NS			
160	509.3	North elevator floor tile mastic	NS			
161	509.4	reserved	NS			
162	509.5	reserved	NS			
163	509.6	North elevator ceiling tile	12/15	N	PLM	
164	509.7	North elevator cove base	12/15	N	PLM	
165	509.8	North elevator cove base mastic	12/15	N	PLM	
166	509.9	North elevator gypsum wall	12/15	N	PLM	
167	510.0	Northeast corner floor tile -top layer of two layers	12/15	N	PLM	
168	510.1	Northeast corner floor tile mastic	12/15	N	PLM	

Vasco Smith Administration Building - Asbestos Survey - 2010

Item	Tag	Description	Sample Date (MM/DD)	ACM (Y/ N)	Test Method (TEM / PLM)	Remarks
169	510.2	Northeast corner floor tile - bottom layer of two layers	12/15	Y	PLM	5% Chrysotile
170	510.3	Northeast corner floor tile mastic	12/15	Y	PLM	10% Chrysotile
171	510.4	reserved	NS			
172	510.5	Northeast corner ceiling tile	12/15	N	PLM	
	530.0	Stairway Wall	1/24	N	PLM	
	530.1	Stairway Wall Joint Compound	1/24	Y	PLM	3% Chrysotile
	531.0	Elevator Wall	1/24	N	PLM	
173	201.0	reserved	NS			
174	202.0	Pipe Insulation, white ASJ (3/4" Cold Condensate)	12/16	N	PLM	
175	202.1	Pipe insulation mastic, white p-traps (3/4" Cold Condensate)	NS	N	PLM	
176	203.0	Duct flexible jacket, gray (4" dia Induction Unit)	12/16		PLM	
177	203.1	Duct flexible insulation, gray (4" dia Induction Unit)	12/16		PLM	
178	204.0	Duct flexible jacket, gray (6" dia air outlet)	NS	N	PLM	
179	204.1	Duct flexible insulation, gray (6" dia air outlet)	NS	N		
180	205.0	Duct insulation FSK jacket (4" dia rigid duct)	12/16		PLM	
181	205.1	Duct insulation FSK insulation (4" dia rigid duct)	12/16		PLM	
182	206.0	Cement plaster smooth finish wall	12/16	N	PLM	
183	206.1	Cement plaster smooth finish ceiling	12/16	N	PLM	
184	207.0	South stair floor tile	NS			
185	207.1	South stair floor tile mastic	NS			
186	207.2	South stair floor tile	NS			
187	207.3	South stair floor tile mastic	NS			
188	207.4	reserved	NS			
189	207.5	reserved	NS			
190	207.6	South stair ceiling tile	12/15	N	PLM	
191	207.7	South stair cove base	12/15	N	PLM	
192	207.8	South stair cove base mastic	12/15	N	PLM	
193	207.9	South stair gypsum wall	12/15	N	PLM	
194	208.0	Southwest corner floor tile	12/15	N	PLM	
195	208.1	Southwest corner floor tile mastic	12/15	Y	PLM	2% Chrysotile
196	208.2	Southwest corner floor tile	NS			
197	208.3	Southwest corner floor tile mastic	NS			
198	208.4	reserved	NS			
199	208.5	Southwest corner ceiling tile	12/15	N	PLM	
200	209.0	North elevator floor tile	12/15	Y	PLM	7% Chrysotile
201	209.1	North elevator floor tile mastic	12/15	Y	PLM	4% Chrysotile
202	209.2	North elevator floor tile	NS			
203	209.3	North elevator floor tile mastic	NS			
204	209.4	reserved	NS			
205	209.5	reserved	NS			
206	209.6	North elevator ceiling tile	12/15	N	PLM	
207	209.7	North elevator cove base	12/15	N	PLM	
208	209.8	North elevator cove base mastic	12/15	N	PLM	
209	209.9	North elevator gypsum wall	12/15	N	PLM	
210	210.0	Northeast corner floor tile	12/15	Y	PLM	3% Chrysotile
211	210.1	Northeast corner floor tile mastic	12/15	Y	PLM	5% Chrysotile
212	210.2	Northeast corner floor tile	NS			
213	210.3	Northeast corner floor tile mastic	NS			
214	210.4	reserved	NS			
215	210.5	Northeast corner ceiling tile	12/15	N	PLM	
	230.0	Wall Covering	1/24	N	PLM	
	230.1	Wall Covering Glue	1/24	N	PLM	
	330.0	Wall Covering	1/24	N	PLM	
	330.1	Wall Covering Glue	1/24	N	PLM	
216	101.0	Pipe Insulation (2" CHS)	NS			
217	102.0	Pipe Insulation (1.5" HS)	NS			
218	103.0	Pipe elbow mastic (2" CHS)	NS			
219	103.1	Pipe elbow insulation (2" CHS)	NS			
220	104.0	Pipe elbow mastic (1.5" HS)	NS			
221	104.1	Pipe elbow insulation (1.5" HS)	NS			
222	G01.0	Pipe Insulation (4" HW)	1/24	Y	PLM	35% Amosite, 15% Chrysotile
	G01.A	Pipe Insulation (4" CW)	1/24	Y	PLM	45% Amosite, 15% Chrysotile
223	G02.0	Pipe elbow mastic (4" HW)	1/24	Y	PLM	35% Chrysotile
224	G02.1	Pipe elbow insulation CW	1/24	Y	PLM	40% Amosite, 20% Chrysotile
	G02.1A	Pipe elbow insulation HW	1/24	Y	PLM	45% Amosite, 20% Chrysotile
225	G03.0	Pipe Insulation (4" CW (House Pressure))	12/15	N	PLM	
226	G04.0	Pipe elbow mastic (4" CW House Pressure)	12/15	N	PLM	
227	G04.1	Pipe elbow insulation (4" CW House Pressure)	12/15	N	PLM	
228	G05.0	Pipe Insulation (3" CW City Pressure)	12/15	N	PLM	
229	G06.0	Pipe elbow mastic (3" CW City Pressure)	12/15	N	PLM	
	G06.1	Pipe elbow insulation (3" CW City Pressure)	12/15	Y	PLM	17% Chrysotile
	G07.0	Mastic wrap	12/15	N	PLM	
	G07.1	Powdery insulation	12/15	Y	PLM	4% Amosite, 3% Chrysotile
	G08.0	Mastic wrap	12/15	N	PLM	
	G08.1	Powdery insulation	12/15	Y	PLM	2% Chrysotile
230	G09.0	Fibrous Insulation & Wrap	12/15	N	PLM	



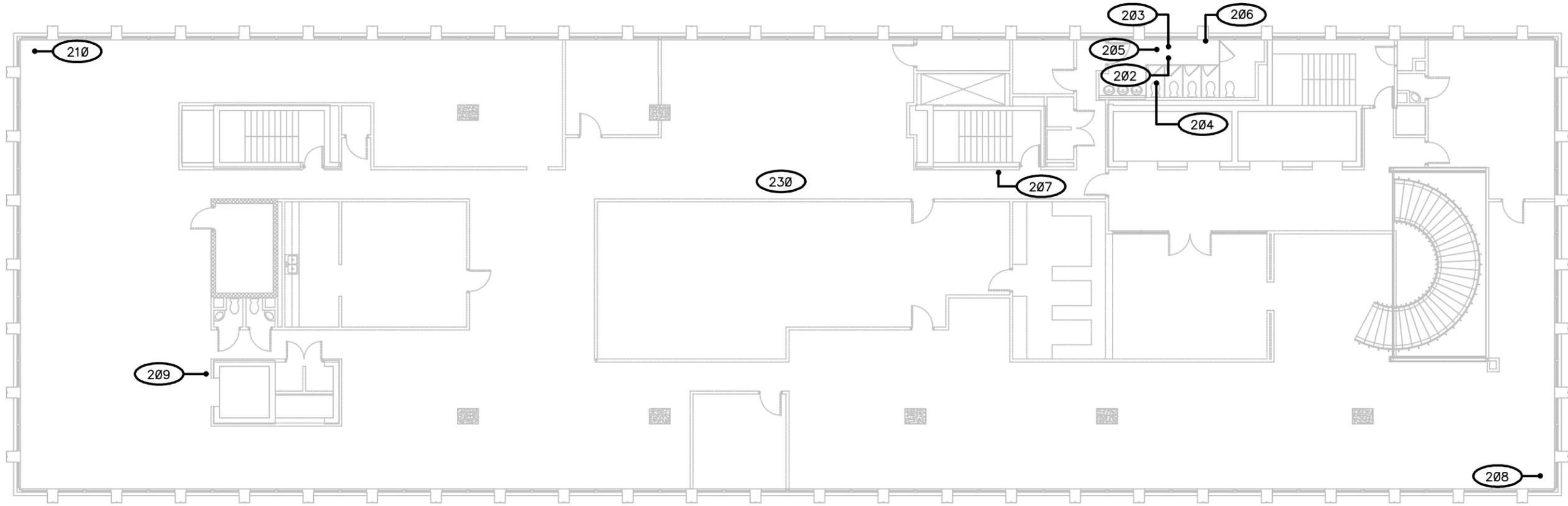
VASCO SMITH ADMINISTRATION BLDG
 160 N. MAIN, MEMPHIS, TN
 ASBESTOS SURVEY

LEGEND

- nnx.y SAMPLE TAG
- └─ MATERIAL DETAIL
- └─ UNIQUE LOCATION
- └─ LEVEL (FLOOR)

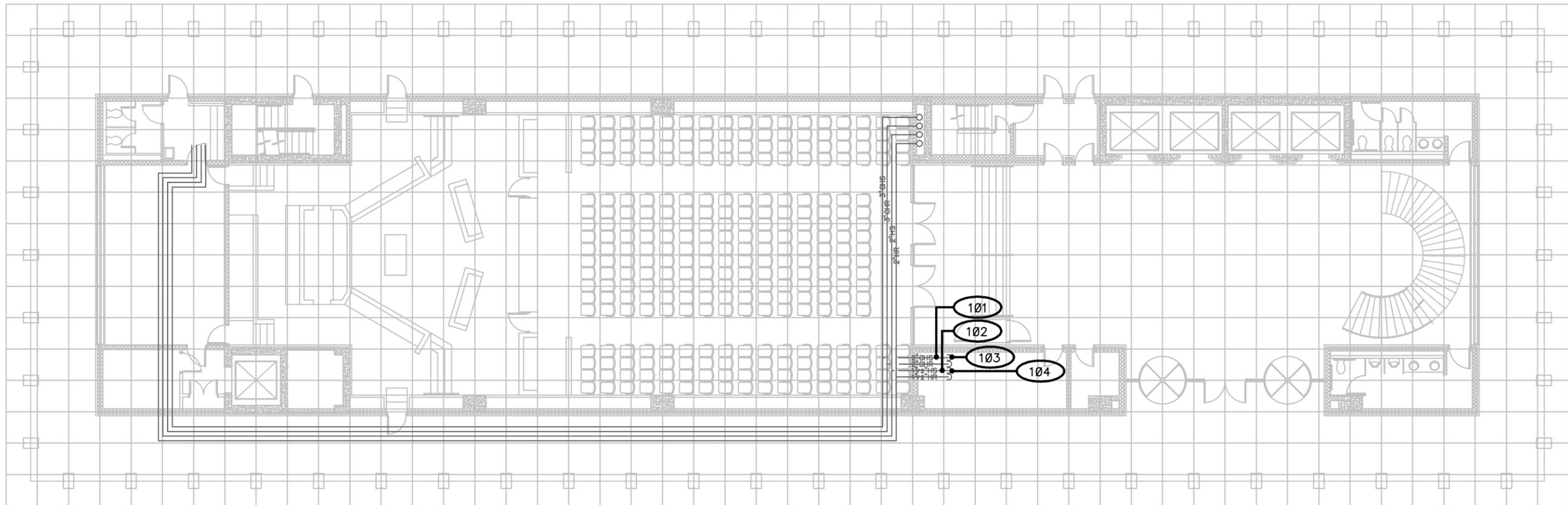
- PLM POLARIZED LIGHT MICROSCOPY
- TEM TRANSMISSION ELECTRON MICROSCOPY

GARAGE PLAN
 1/16" = 1'-0"



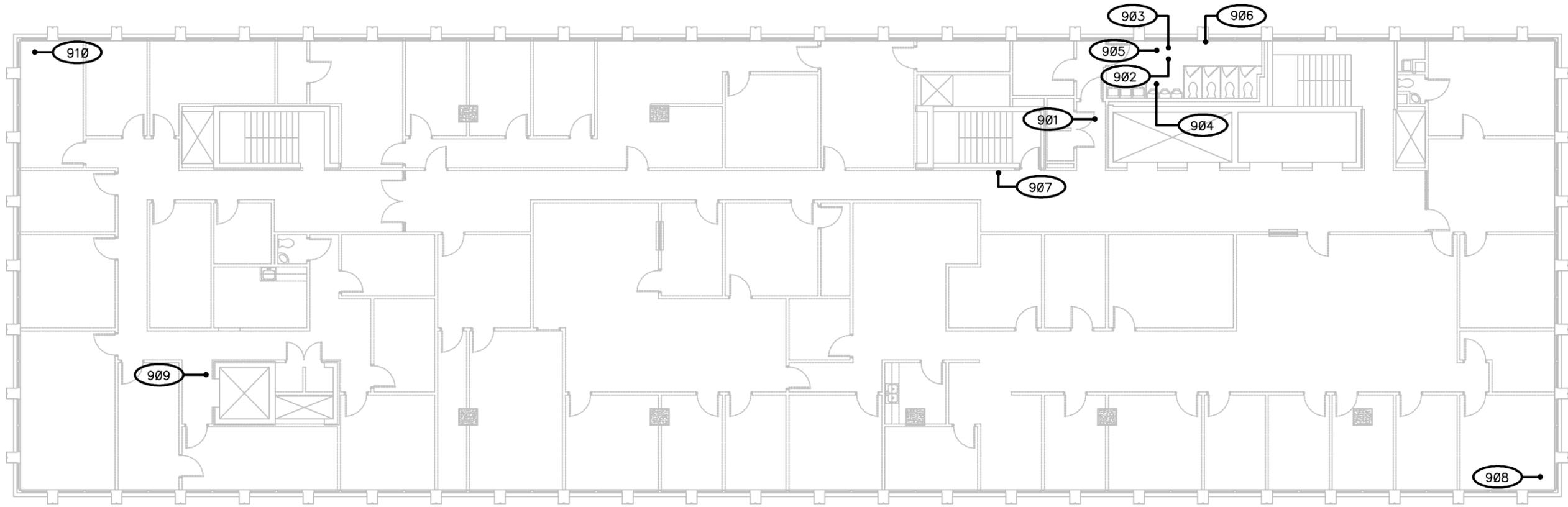
SECOND FLOOR PLAN

1/16" = 1'-0"

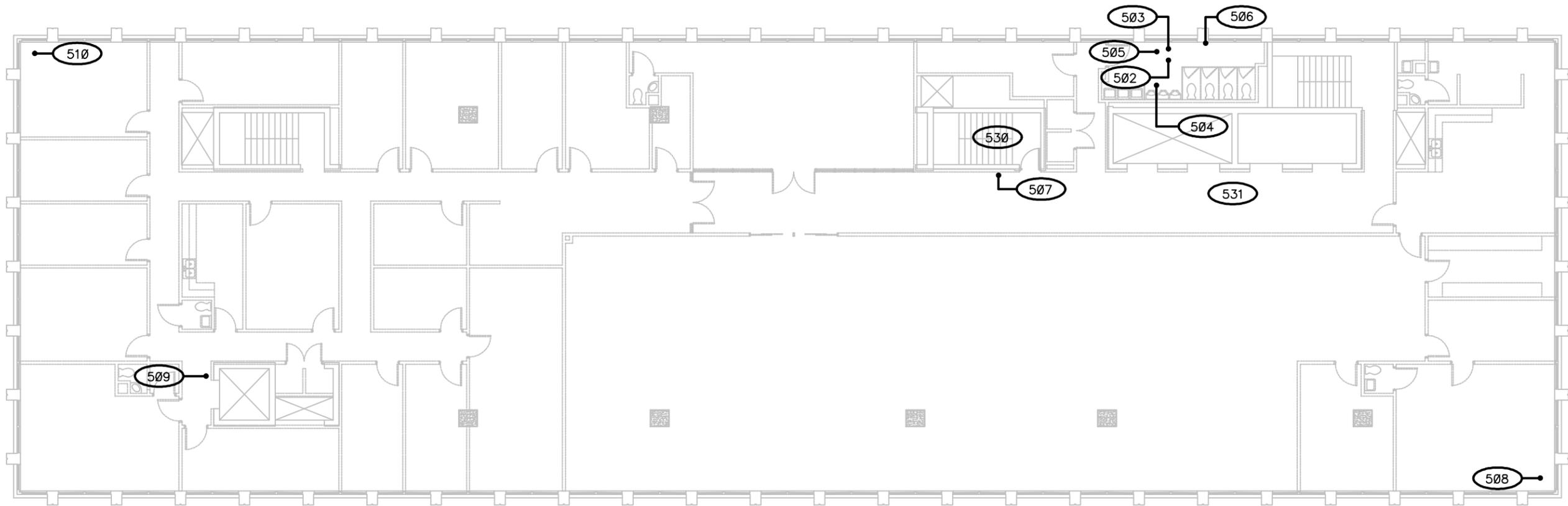


LOBBY PLAN

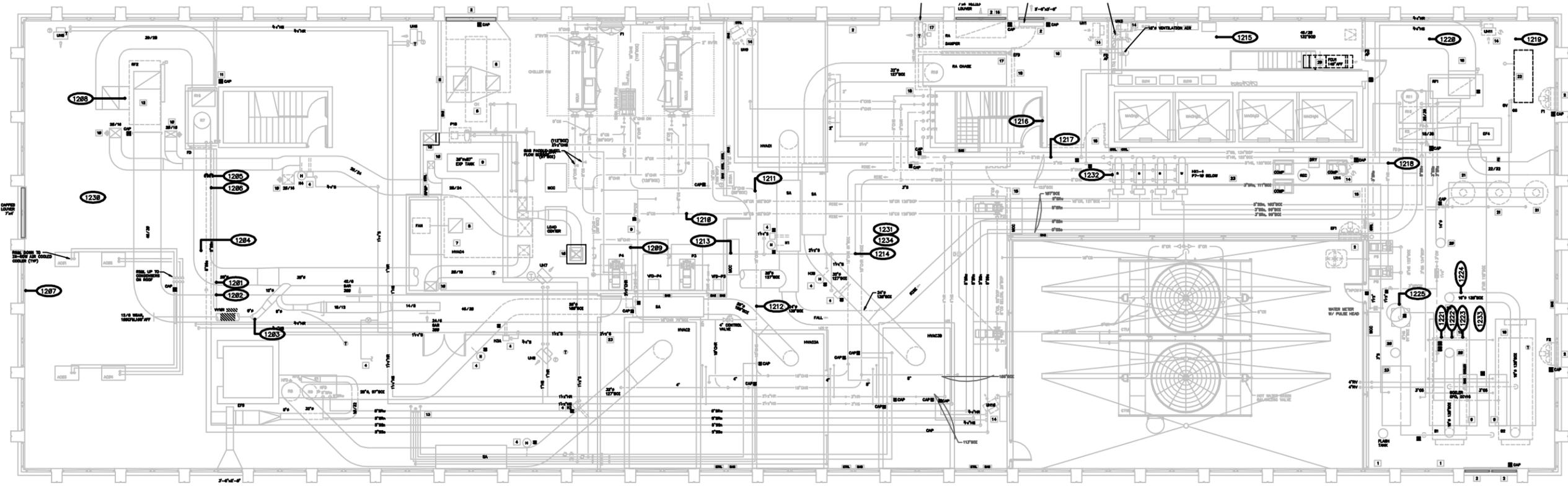
1/16" = 1'-0"



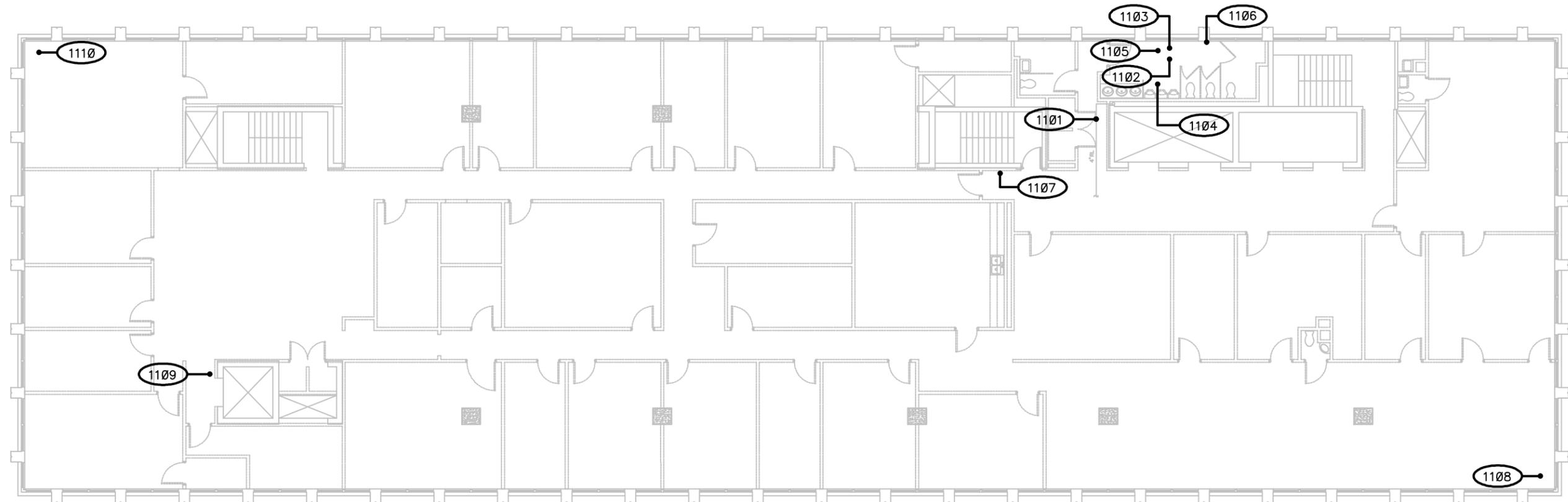
NINTH FLOOR PLAN
 1/16" = 1'-0"



FIFTH FLOOR PLAN
 1/16" = 1'-0"

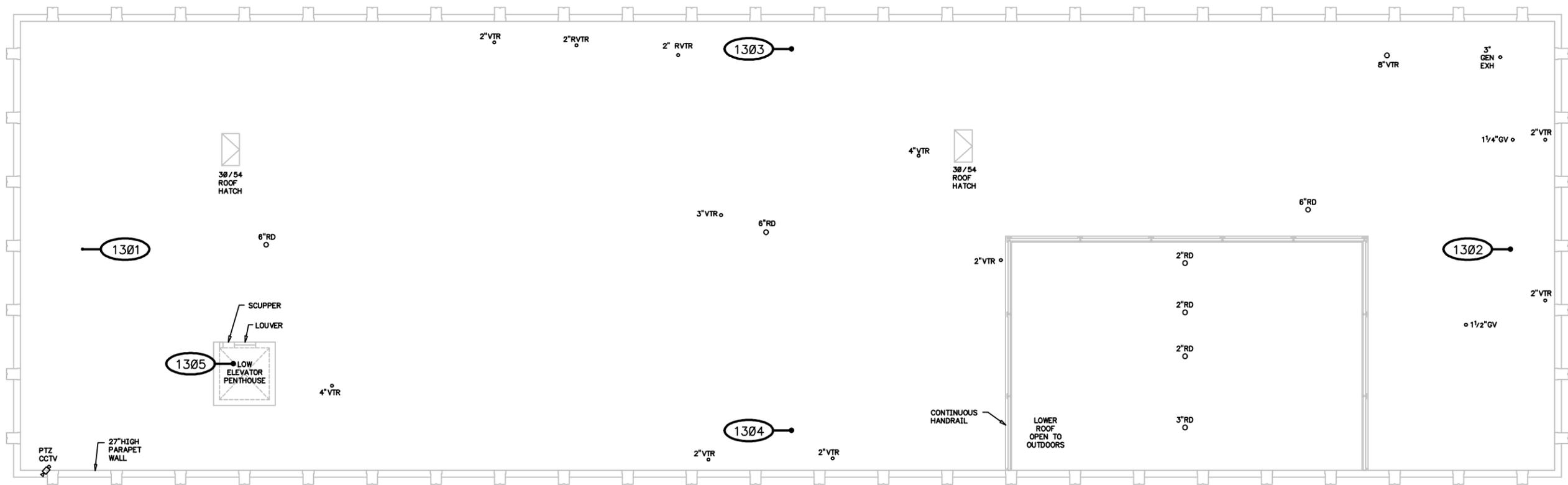


TWELFTH FLOOR PLAN
 1/16" = 1'-0"



ELEVENTH FLOOR PLAN
 1/16" = 1'-0"

VASCO SMITH ADMINISTRATION BLDG
 160 N. MAIN, MEMPHIS, TN
 ASBESTOS SURVEY



ROOF PLAN
 1/16" = 1'-0"

BID FORM - BID PACKAGE #2

TO: Mr. Nelson Fowler

AT: Shelby County Government
160 N. Main, Rm 550
Memphis, TN 38103

RE: RFP-12-001-33, Renovation of Vasco A. Smith, Jr.
Administration Building

Interior/exterior demolition & remodeling of the 12-story government office building as indicated in the Bid Documents.

A. The Bidder acknowledges in submitting this bid that:

1. Bidder has received, read, and understands the Bidding Documents, has visited the site and become familiar with local conditions under which work is to be performed, has correlated observations with requirements of Bidding Documents and makes this bid in accordance therewith.
2. The required Bid Security, in the amount of five percent (5%) of the total amount bid, is attached hereto.
3. Failure to complete Bid Form, provide required attachments, or comply otherwise with the Instructions to Bidders, may be cause for rejection of bid.
4. This Bidder has received the following addenda:

Addendum No. _____ dated _____

Addendum No. _____ dated _____

Addendum No. _____ dated _____

5. The person who signs this bid on behalf of the Bidder is required to be legally empowered to bind the Bidder to a Contract.

B. This Bidder agrees to:

1. HONOR THIS BID FOR A PERIOD OF ONE HUNDRED AND TWENTY DAYS (120) FOLLOWING THE DATE OF THE SCHEDULED OPENING OF BIDS.
2. Enter into and execute a contract, if presented on the basis of this bid, and furnish bond(s) and certificate(s) of insurance as required.
3. An Escrow Agreement for the Retainage Account shall be provided if the amount of the Contract is \$500,000 or greater.
4. Accomplish the Work in accordance with the Contract Documents.
5. **Substantial Completion of the Work:** Under the Bid Package #2, time of completion will be negotiated with Owner on a phase-by-phase basis according to

BID FORM continued:

the specifics of the Award of Contract(s) from and including the date stipulated in the Notice to Proceed. Failure to reach the point of Substantial Completion within the specified time shall result in the Contractor paying the Owner liquidated damages in the amount of Five Hundred Dollars (\$500.00) for each calendar day thereafter until the point of Substantial Completion is reached, these damages not exceeding 10% of the contract amount.

6. Owner to allow 30-day period between Substantial Completion and Notice to Proceed of subsequent Alternates. Bidder shall provide a unit cost for this associated general conditions exclusive of the base and alternate bids.
7. Contractor to provide construction time in calendar days for Base Bid & subsequent Alternates (see below).
8. Note that work under Bid Package #2 shall be awarded to a single, prime General Contractor and will be completed over the course of time as project funding becomes available. As a result, the awarded Contractor shall have the right to apply rate of inflation for the additive Alternates with the Owner due to the escalation of costs over time.

BASE BID:

- A. The Base Bid under Bid Package #2 consists of 1) The interior demolition & remodeling of building floors 10 thru 12 (initial phase), Basement (initial phase), Lower Garage (initial phase); 2) Exterior window replacement of building floors 10 thru 11; and 3) The conversion of the central, interior stair (Mech 204 - 1204) tower into a rated shaft enclosure for utility distribution and shall reflect associated work described in Appendix A under Section 01 23 00 Alternates.

This Bidder agrees to complete the Work of the Base Bid for this project for the lump sum of (show amount in both words and figures):

_____ and ____/100ths
Dollars

_____ and ____/100ths
Add 5% Contingency, Dollars

_____ and ____/100ths
Total Amount Base Bid, Dollars

BID FORM continued:

Construction Time (Base Bid) in Calendar Days

- B. **Alternate No. 1:** (Additive) The interior demolition & remodeling of *typical* building floors 8 thru 9, the exterior window replacement on these floors and shall reflect associated work described in Appendix A under Section 01 23 00 Alternates.

This Bidder agrees to include the Work of the following alternate(s) as specified (show amount in both words and figures):

_____ and ____/100ths
Dollars

_____ and ____/100ths
Add 5% Contingency, Dollars

_____ and ____/100ths
Total Amount Alternate No. 1, Dollars

Construction Time (Alternate No. 1) in Calendar Days

- C. **Alternate No. 2:** (Additive) The interior demolition & remodeling of *typical* building floors 6 thru 7, the exterior window replacement on these floors and shall reflect associated work described in Appendix A under Section 01 23 00 Alternates.

This Bidder agrees to include the Work of the following alternate(s) as specified (show amount in both words and figures):

_____ and ____/100ths
Dollars

_____ and ____/100ths
Add 5% Contingency, Dollars

_____ and ____/100ths
Total Amount Alternate No. 2, Dollars

Construction Time (Alternate No. 2) in Calendar Days

BID FORM continued:

- D. **Alternate No. 3:** (Additive) The interior demolition & remodeling of *typical* building floors 4 thru 5, the exterior window replacement on these floors and shall reflect associated work described in Appendix A under Section 01 23 00 Alternates.

This Bidder agrees to include the Work of the following alternate(s) as specified (show amount in both words and figures):

_____ and ____/100ths
Dollars

_____ and ____/100ths
Add 5% Contingency, Dollars

_____ and ____/100ths
Total Amount Alternate No. 3, Dollars

Construction Time (Alternate No. 3) in Calendar Days

- E. **Alternate No. 4:** (Additive) The interior demolition & remodeling of *atypical* building floors 2 thru 3, the exterior window replacement on these floors and shall reflect associated work described in Appendix A under Section 01 23 00 Alternates. In addition work under this Alternate shall include modifications to the monumental stair guardrail & handrail thru the first floor lobby level as described under Section 01 23 00 Alternates.

This Bidder agrees to include the Work of the following alternate(s) as specified (show amount in both words and figures):

_____ and ____/100ths
Dollars

_____ and ____/100ths
Add 5% Contingency, Dollars

_____ and ____/100ths
Total Amount Alternate No. 4, Dollars

Construction Time (Alternate No. 4) in Calendar Days

BID FORM continued:

- F. **Alternate No. 5:** (Additive) The interior demolition & remodeling of floors 12th (final phase), First Floor, Basement (final phase), Lower Garage (final phase) along with associated site work and shall reflect associated work described in Appendix A under Section 01 23 00 Alternates.

This Bidder agrees to include the Work of the following alternate(s) as specified (show amount in both words and figures):

_____ and ____/100ths
Dollars

_____ and ____/100ths
Add 5% Contingency, Dollars

_____ and ____/100ths
Total Amount Alternate No. 5, Dollars

Construction Time (Alternate No. 5) in Calendar Days

- G. Unit Price for 30 calendar days of General Conditions (see B.6 above).

_____ and ____/100ths
Dollars

Submitted by:

Authorized

Signature:

Date:

Name and title:

(Type or print)

On behalf of:

(Name of Bidder)

Bidder's address:

Tennessee Contractor's License No.:

Expiration Date:

Bidder's Telephone Number:

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SECTION 01 74 19
CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL

PART 1 - GENERAL

1.1 SUMMARY

"Recycling is the cornerstone to creating fundamental green behavior in our community. By July 1, 2011, local demolition permits should be amended to require applicants to submit a recycling plan for proposed demolition of structures larger than 2,500 square feet. Additionally, there should be requirements for recycling 25-50% of all demolition or construction waste for all construction projects requiring a permit."

Excerpt above from the 'Sustainable Shelby Implementation Plan' under the chapter "Protecting and Improving Our Environment", Strategy #315:

- A. In keeping with the spirit of Shelby County Government's Office of Sustainability 'Sustainable Shelby Implementation Plan', this project will work to introduce & initiate principles of sustainability in the area of waste management & recycling.
- B. Section includes administrative suggestions for the following:
 - 1. Salvaging nonhazardous demolition and construction waste.
 - 2. Recycling nonhazardous demolition and construction waste.
 - 3. Disposing of nonhazardous demolition and construction waste.
- C. Related Sections:
 - 1. Section 02 41 19 - Selective Structure Demolition
 - 2. Section 09 51 15 - Reclamation of Acoustical Ceiling Panels
- D. Attempt end-of-Project rates for salvage/recycling of 25-50 percent by weight of total non-hazardous solid waste generated by the Work. Facilitate recycling and salvage of materials.

1.2 SUGGESTED RECORD & ACTION SUBMITTALS

- A. To facilitate the recycling effort, it is suggested that the General Contractor & Demolition Contractor to jointly develop a recycling/waste management plan to follow during demolition & construction with the aim of diverting 25-50% of all demolition & construction waste from landfill sites.
- B. It is further suggested each party submit at project completion (or end of each phase of demolition/selective demolition/construction) a document which records diverted waste by any of the following (or combination) means:

1. Waste Reduction Calculation(s) - submit calculated end-of-Project rates for salvage, recycling, and disposal as a percentage of total waste generated by the Work.
2. Record of Donations.
3. Record of Sales.
4. Recycling and Processing Facility Records.
5. Landfill and Incinerator Disposal Records.

PART 2- PRODUCTS (Not Used)

PART 3- EXECUTION

3.1 SUGGESTED PLAN IMPLEMENTATION

- A. General: Implement a recycling/waste management plan. Provide handling, containers, storage, signage, transportation, and other items as required to implement waste management plan during the entire duration of the project.
- B. Waste Management Coordinator: Engage a waste management coordinator to be responsible for implementing, monitoring, and reporting status of waste management work plan.
- C. Inform & train workers, subcontractors as appropriate for the recycling methods occurring at Project site.

3.2 SUGGESTED METHODS FOR RECYCLING DEMOLITION AND CONSTRUCTION WASTE

- A. General:
 1. Recycle paper and beverage containers used by on-site workers. Separate recyclable waste from other waste materials, trash, and debris. Separate recyclable waste by type at Project site to the maximum extent practical according to the recycling/waste management plan.
 2. Inspect containers and bins for contamination and remove contaminated materials if found.
 3. Cardboard and Boxes: Break down packaging into flat sheets. Bundle and store in a dry location.
 4. Polystyrene Packaging: Separate and bag materials.
 5. Pallets & Crates: As much as possible, require deliveries using pallets to remove pallets from Project site. For pallets that remain on-site, break down pallets into component wood pieces and comply with requirements for recycling wood.
 6. Wood Materials: Clean lumber of debris nails. Option to grind or chip into small pieces.
Clean Sawdust: Bag sawdust that does not contain painted or treated wood.
 7. Gypsum Board: Stack large clean pieces on wood pallets or in container and store in a dry location.
 8. Concrete: Remove reinforcement and other metals from concrete and sort with other metals.
 9. Metals: Separate metals by type.

Structural Steel: Stack members according to size, type of member, and length.
Remove and dispose of bolts, nuts, washers, and other rough hardware.

10. Acoustical Ceiling Panels and Tile: Section 09 51 15 - Reclamation of Acoustical Ceiling Panels.
11. Carpet and Pad: Roll large pieces tightly after removing debris, trash, adhesive, and tack strips. Store clean, dry carpet and pad in a closed container or trailer provided by Carpet Reclamation Agency or carpet recycler.
12. Carpet Tile: Remove debris, trash, and adhesive. Stack tile on pallet and store clean, dry carpet in a closed container or trailer provided by Carpet Reclamation Agency or carpet recycler.

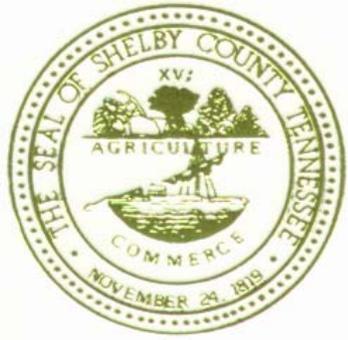
3.3 SAMPLE FORMS (See Appendix A & B at end of this Section).

END OF SECTION

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DEMOLITION WASTE REDUCTION PROGRESS REPORT

MATERIAL CATEGORY	GENERATION POINT	TOTAL QUANTITY OF WASTE TONS (TONNES) (A)	QUANTITY OF WASTE SALVAGED		QUANTITY OF WASTE RECYCLED		TOTAL QUANTITY OF WASTE RECOVERED % (D / A X 100)
			ESTIMATED TONS (TONNES)	ACTUAL TONS (TONNES) (B)	ESTIMATED TONS (TONNES)	ACTUAL TONS (TONNES)(C)	
Asphaltic Concrete Paving							
Concrete	Existing loading dock	50	0	0	50	50	100%
Brick							
CMU							
Lumber							
Plywood and OSB							
Wood Paneling							
Wood Trim							
Miscellaneous Metals							
Structural Steel							
Rough Hardware							
Insulation							
Roofing							
Doors and Frames							
Door Hardware							
Windows							
Glazing							
Acoustical Tile							
Carpet							
Carpet Pad							
Demountable Partition							
Equipment							
Cabinets							
Plumbing fixtures							
Piping							
Piping Supports and Hangers							
Valves							
Sprinklers							
Mechanical Equipment							
Electrical Conduit							
Copper Wiring							
Light Fixtures							
Lamps							
Lighting Ballasts							
Electrical Devices							
Switchgear and Panelboards							
Transformers							
Other:							



Shelby County Government
Information Technology Services
160 North Main Street
Memphis, Tennessee 38103

Shelby County Data & Voice Cabling Specification

Last update: Tuesday, March 20, 2012

Prepared By:
Steve Solaas

Shelby County Data & Voice Cabling Specifications

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Shelby County Data & Voice Cabling Specifications

1. Construction Code Compliance

- 1.1. Cables must be installed in accordance with industry standard practices, and in compliance with all applicable construction codes. Refer to the wiring and cabling specifications issued under the Division 16 specifications and comply with those documents where they are more stringent. In no case shall any cable be supported in increments exceeding 60", nor shall any cable be supported from the ceiling system or ceiling support wires.
- 1.2. All obsolete or sub-standard voice and/or data cables that are not installed in a manner that meets current installation codes are to be reported to Shelby County Information Technology Services when they are discovered. These cables shall be removed or resupported as directed by the County.
- 1.3. All obsolete, or sub-standard cables other than voice and/or data that are not installed in a manner that meets current installation codes are to be reported to Shelby County Information Technology Services when they are discovered. These cables shall be removed or resupported as directed by the County.
- 1.4. Cabling shall be rated and labeled for use in environmental air handling plenums.

2. Cable Routing & Termination

2.1. Fiber-optic Cable Routing

- 2.1.1. Fiber-optic cable that is to be buried will be installed in multi-chambered innerduct applying industry standard practices, and in compliance with all applicable construction codes.
- 2.1.2. Fiber-optic cable that is to be attached to poles for aerial cabling will be installed in accordance with industry standard practices, and in compliance with all applicable construction codes.
- 2.1.3. Segments of fiber-optic cable that occupy space in buildings or other structures will be installed in new and/or existing innerduct or conduit unless another method of installation has been approved by Shelby County Information Technology Services.
- 2.1.4. Segments of fiber-optic cable that occupy space in a wiring closet will be securely fastened to walls and/or cable supports, and routed so as not to impede the maintenance of installed cables or the installation of additional cables.
- 2.1.5. 160 N. Main shall have dual path fiber-optic cabling from the data rack on each floor to the north end of the Data Center on the 12th floor. The path shall include the electrical closets that are stacked on the north end of the building immediately south of the single elevator hoistway with the second path shall include the electrical closet that is adjacent to and southeast of the data rack.

2.2. Fiber-optic Cable Termination

Shelby County Data & Voice Cabling Specifications

2.2.1. Fiber cables are to be terminated in a rack-mountable fiber distribution enclosure.

Multi-Mode fibers are to be terminated with single ST connectors.

Single-Mode fibers are to be terminated with single SC connectors.

Fan-out kits are to be used for all loose-tube installations.

Appropriate strain relief methods and slack loops are to be employed at each termination / splice point.

2.3. Horizontal Cable (Station Cable) Routing

2.3.1. All twisted-pair data cables are to be CDT Cat-5e cable.

2.3.2. All twisted-pair voice cables are to be Cat-3 cable.

2.3.3. All horizontal cables are to be installed as “concealed wiring”, inside of walls and ceilings.

2.3.4. All horizontal cables are to be routed from the information outlets to the designated distribution closet or equipment room. Cables routed through dropped ceiling space will be suspended from J-hooks.

2.3.5. All cables routed through closet spaces are to be securely fastened to walls and/or cable supports, and routed so as not to impede the maintenance of installed cables or the installation of additional cables.

2.4. Horizontal Cable (Station Cable) Termination

2.4.1. All twisted-pair data cables are to be terminated at the distribution closet with Leviton Gigamax Cat-5e jacks, wired TIA-568B, installed in 19” rack mounted patch panels.

2.4.2. All twisted-pair data cables are to be terminated at the information outlet with Leviton Gigamax Cat-5e jacks wired TIA-568B, installed in a flush mount wall plate.

2.4.3. All twisted-pair voice cables are to be terminated at the distribution closet with BIX demarcation blocks, wired in accordance with current industry standards.

2.4.4. All twisted-pair voice cables are to be terminated at the information outlet with Leviton 4-Pair Cat-3 jacks wired USOC, installed in a flush mount wall plate.

2.5. Wire Management

2.5.1. All racks are to be equipped with 1U horizontal wire management modules, similar in design to Panduit WMPS. Horizontal wire management modules will be installed beneath each 48-ports of patch panel, beneath each piece of “stackable data distribution equipment”, and (where applicable) beneath each fiber distribution enclosure.

2.5.2. Floor-mounted 2-post racks are to be equipped with vertical wire management on both sides of rack.

Shelby County Data & Voice Cabling Specifications

- 2.5.3. Open wire raceway (ladder rack) will be securely attached to the top of each floor-mounted 2-post rack and properly fastened to a wall of the closet.

3. Cable Labeling

- 3.1. All cables are to be labeled at both ends in accordance with the cable numbering system provided by Shelby County Information Technology Services.
- 3.2. Cable labels are to be “permanent labels”, permanently attached to the cables, patch panels, and information outlets.
- 3.3. Cable labels are to be printed legibly with permanent ink.
- 3.4. Cable labels are to be attached to the cables so that the Cable-ID is visible and readable.
- 3.5. Patch panels, wall plates, surface mount housings, and other information outlets are to be labeled so that each Cable-ID is visible, readable, and clearly associated with its respective connector.

4. Cable Certification

- 4.1. All cables are to be certified to applicable industry standard as determined by the County. Certification test results are to be provided to Shelby County Information Technology Services upon completion of the installation in spreadsheet format including all applicable information. (i.e.: Cable Label, Certification Equipment Used, Date of Certification, Cable Type, Cable Length, Signal Loss in DB, Crosstalk, Signal to Noise Ratio, etc.)

5. Drawings and Scope of Work

- 5.1. Drawings or floor plans will be provided by Shelby County Information Technology Services indicating the desired quantity and location of cables and outlets prior to beginning of work.
- 5.2. As a part of the cabling on each awarded floor allow for retrofit single gang wall boxes at each wall opening. Where the electrical contractor has provided an opening with wall box in the same location then the opening by the electrical contractor should be utilized. The electrical contractor is installing two 6” cable trays that may be utilized for the primary north-south runs of cabling, but these paths must be shared with other low voltage cabling.
- 5.3. Additionally comply with all Contract Document requirements. Allow for the most stringent in the event of conflicting requirements and request direction from the County.
- 5.4. The contractor will make written notes on the drawings or floor plans indicating the actual quantity, placement, and labeling of cables installed during the project.
- 5.5. The contractor will make written notes on the drawing indicating the locations, sizes, types, and capacities of all splice points, pull boxes, junction boxes, man-holes, conduits, raceways, etc. that are installed during the project.

Shelby County Data & Voice Cabling Specifications

- 5.6. The annotated drawings are to be given to Shelby County Information Technology Services upon completion of the project.
- 5.7. Refer to the phasing and bid packages to define what is renovated and provide all materials and labor to provide fully operable data and telephone cabling on each floor that is renovated
- 5.8. Where a data rack is shown then that location is defined for terminations and placement of the data rack under the allowance portion of the work. Selected floors do not have a data rack location defined and the rack shall be located as directed by the County. An allowance is established for the rack on each floor that is renovated and that allowance shall include furnishing and installing all racks, wire management and any equipment designated by the County to complete the LAN on each floor as well as provide dual path fiber optic connectivity to the existing fiber optic system. It shall not include patch cabling or terminations as these shall be included under the defined number of cable drops. The Contractor shall submit all parts they propose to provide and the cost impact on the allowance before any equipment ordering and starting of work on the rack. Each rack build out allowance shall be refunded should the County elect to perform this portion of the work outside of the Construction Contract.
- 5.9. All fiber optic connections and cabling are to be included as a part of the cabling work on each floor. It is not a part of the Rack Allowance.
- 5.10. Comply with the following schedule in defining the IT scope.

Floor	Office	Wall Openings	Cable Drops (2D)	Rack Allowance
12th	Mechanical	8	10	\$3,000.00
11th	Mayor / CAO / Mayor's Action Ctr	54	58	\$6,000.00
10th	ITS	124	140	\$6,000.00
9th	Cnty Atty / Purchasing	96	100	\$6,000.00
8th	HR	62	68	\$6,000.00
7th	Finance	75	79	\$6,000.00
6th	open	52	56	\$6,000.00
5th	open	52	56	\$6,000.00
4th	open	52	56	\$6,000.00
3rd	County Commission	59	63	\$6,000.00
2nd	EOC	52	56	\$6,000.00
1st	Commission Chambers	33	37	\$6,000.00
Bsmt	Support Services / Garage Cams	24	28	\$3,000.00
	Totals	735	797	