

three eighths inch = one foot
 one eighth inch = one foot
 one quarter inch = one foot
 one half inch = one foot
 one inch = one foot



VAMC PRIMARY CARE CHECK-IN VA CENTRAL IOWA HEALTH CARE SYSTEM DES MOINES DIVISION

DES MOINES, IA

CONSTRUCTION DOCUMENTS MARCH 5, 2012



DRAWING INDEX

0001	COVER AND INDEX OF DRAWINGS SYMBOLS AND ABBREVIATIONS
ARCHITECTURAL	
A101	DEMOLITION AND FLOOR PLANS AND DETAILS
ELECTRICAL	
E101	ELECTRICAL PLANS

ALTERNATES:
 BID ALTERNATE NO. 1: CENTRAL SOUND MASKING SYSTEM (27 51 19) FOR ROOM 100, SEE ELECTRICAL.

GENERAL SYMBOLS

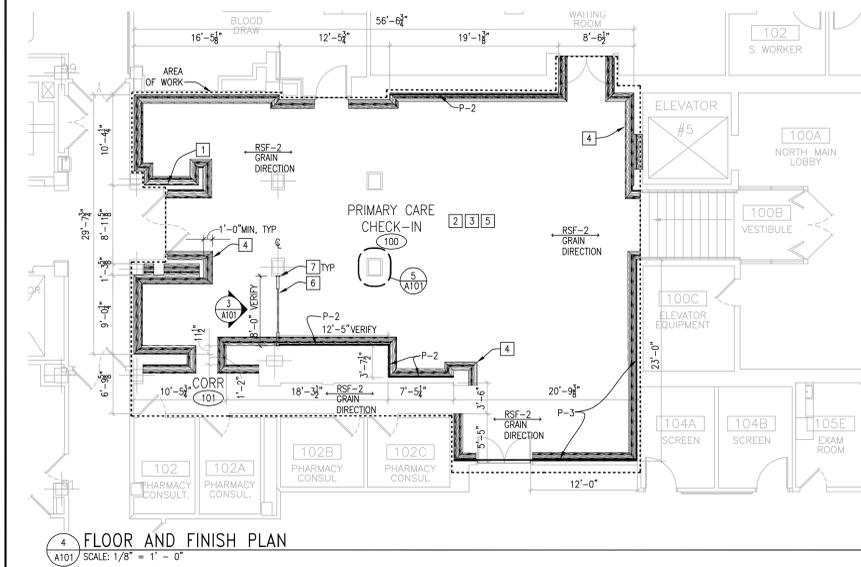
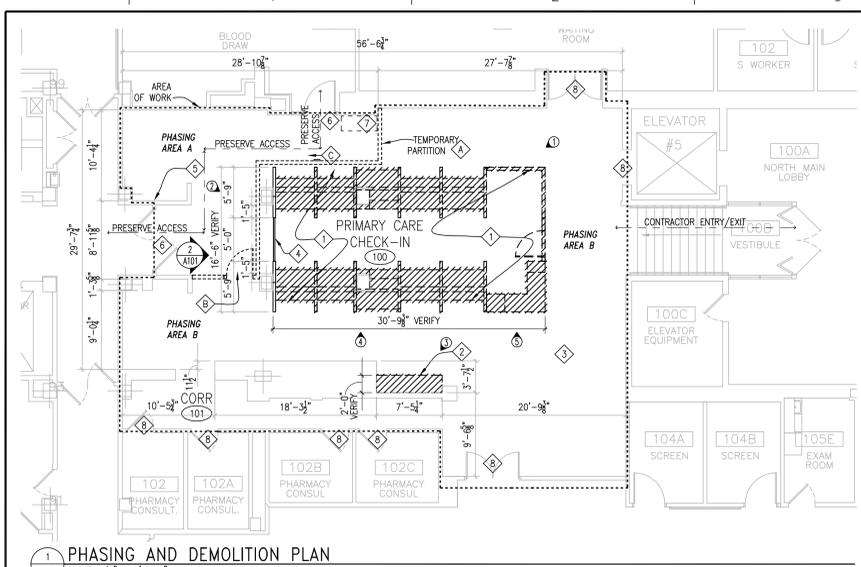
MATERIALS		REFERENCE	
1-1	ASBESTOS	1-1	ASBESTOS
1-2	CONCRETE	1-2	CONCRETE
1-3	BRICK	1-3	BRICK
1-4	GLASS	1-4	GLASS
1-5	WOOD	1-5	WOOD
1-6	INSULATION	1-6	INSULATION
1-7	PAINT	1-7	PAINT
1-8	ROOFING	1-8	ROOFING
1-9	MECHANICAL	1-9	MECHANICAL
1-10	ELECTRICAL	1-10	ELECTRICAL
1-11	PLUMBING	1-11	PLUMBING
1-12	MECHANICAL	1-12	MECHANICAL
1-13	ELECTRICAL	1-13	ELECTRICAL
1-14	PLUMBING	1-14	PLUMBING
1-15	MECHANICAL	1-15	MECHANICAL
1-16	ELECTRICAL	1-16	ELECTRICAL
1-17	PLUMBING	1-17	PLUMBING
1-18	MECHANICAL	1-18	MECHANICAL
1-19	ELECTRICAL	1-19	ELECTRICAL
1-20	PLUMBING	1-20	PLUMBING
1-21	MECHANICAL	1-21	MECHANICAL
1-22	ELECTRICAL	1-22	ELECTRICAL
1-23	PLUMBING	1-23	PLUMBING
1-24	MECHANICAL	1-24	MECHANICAL
1-25	ELECTRICAL	1-25	ELECTRICAL
1-26	PLUMBING	1-26	PLUMBING
1-27	MECHANICAL	1-27	MECHANICAL
1-28	ELECTRICAL	1-28	ELECTRICAL
1-29	PLUMBING	1-29	PLUMBING
1-30	MECHANICAL	1-30	MECHANICAL
1-31	ELECTRICAL	1-31	ELECTRICAL
1-32	PLUMBING	1-32	PLUMBING
1-33	MECHANICAL	1-33	MECHANICAL
1-34	ELECTRICAL	1-34	ELECTRICAL
1-35	PLUMBING	1-35	PLUMBING
1-36	MECHANICAL	1-36	MECHANICAL
1-37	ELECTRICAL	1-37	ELECTRICAL
1-38	PLUMBING	1-38	PLUMBING
1-39	MECHANICAL	1-39	MECHANICAL
1-40	ELECTRICAL	1-40	ELECTRICAL
1-41	PLUMBING	1-41	PLUMBING
1-42	MECHANICAL	1-42	MECHANICAL
1-43	ELECTRICAL	1-43	ELECTRICAL
1-44	PLUMBING	1-44	PLUMBING
1-45	MECHANICAL	1-45	MECHANICAL
1-46	ELECTRICAL	1-46	ELECTRICAL
1-47	PLUMBING	1-47	PLUMBING
1-48	MECHANICAL	1-48	MECHANICAL
1-49	ELECTRICAL	1-49	ELECTRICAL
1-50	PLUMBING	1-50	PLUMBING
1-51	MECHANICAL	1-51	MECHANICAL
1-52	ELECTRICAL	1-52	ELECTRICAL
1-53	PLUMBING	1-53	PLUMBING
1-54	MECHANICAL	1-54	MECHANICAL
1-55	ELECTRICAL	1-55	ELECTRICAL
1-56	PLUMBING	1-56	PLUMBING
1-57	MECHANICAL	1-57	MECHANICAL
1-58	ELECTRICAL	1-58	ELECTRICAL
1-59	PLUMBING	1-59	PLUMBING
1-60	MECHANICAL	1-60	MECHANICAL
1-61	ELECTRICAL	1-61	ELECTRICAL
1-62	PLUMBING	1-62	PLUMBING
1-63	MECHANICAL	1-63	MECHANICAL
1-64	ELECTRICAL	1-64	ELECTRICAL
1-65	PLUMBING	1-65	PLUMBING
1-66	MECHANICAL	1-66	MECHANICAL
1-67	ELECTRICAL	1-67	ELECTRICAL
1-68	PLUMBING	1-68	PLUMBING
1-69	MECHANICAL	1-69	MECHANICAL
1-70	ELECTRICAL	1-70	ELECTRICAL
1-71	PLUMBING	1-71	PLUMBING
1-72	MECHANICAL	1-72	MECHANICAL
1-73	ELECTRICAL	1-73	ELECTRICAL
1-74	PLUMBING	1-74	PLUMBING
1-75	MECHANICAL	1-75	MECHANICAL
1-76	ELECTRICAL	1-76	ELECTRICAL
1-77	PLUMBING	1-77	PLUMBING
1-78	MECHANICAL	1-78	MECHANICAL
1-79	ELECTRICAL	1-79	ELECTRICAL
1-80	PLUMBING	1-80	PLUMBING
1-81	MECHANICAL	1-81	MECHANICAL
1-82	ELECTRICAL	1-82	ELECTRICAL
1-83	PLUMBING	1-83	PLUMBING
1-84	MECHANICAL	1-84	MECHANICAL
1-85	ELECTRICAL	1-85	ELECTRICAL
1-86	PLUMBING	1-86	PLUMBING
1-87	MECHANICAL	1-87	MECHANICAL
1-88	ELECTRICAL	1-88	ELECTRICAL
1-89	PLUMBING	1-89	PLUMBING
1-90	MECHANICAL	1-90	MECHANICAL
1-91	ELECTRICAL	1-91	ELECTRICAL
1-92	PLUMBING	1-92	PLUMBING
1-93	MECHANICAL	1-93	MECHANICAL
1-94	ELECTRICAL	1-94	ELECTRICAL
1-95	PLUMBING	1-95	PLUMBING
1-96	MECHANICAL	1-96	MECHANICAL
1-97	ELECTRICAL	1-97	ELECTRICAL
1-98	PLUMBING	1-98	PLUMBING
1-99	MECHANICAL	1-99	MECHANICAL
1-100	ELECTRICAL	1-100	ELECTRICAL

MECHANICAL SYMBOLS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
1-101	ASBESTOS	1-101	ASBESTOS	1-101	ASBESTOS
1-102	CONCRETE	1-102	CONCRETE	1-102	CONCRETE
1-103	BRICK	1-103	BRICK	1-103	BRICK
1-104	GLASS	1-104	GLASS	1-104	GLASS
1-105	WOOD	1-105	WOOD	1-105	WOOD
1-106	INSULATION	1-106	INSULATION	1-106	INSULATION
1-107	PAINT	1-107	PAINT	1-107	PAINT
1-108	ROOFING	1-108	ROOFING	1-108	ROOFING
1-109	MECHANICAL	1-109	MECHANICAL	1-109	MECHANICAL
1-110	ELECTRICAL	1-110	ELECTRICAL	1-110	ELECTRICAL
1-111	PLUMBING	1-111	PLUMBING	1-111	PLUMBING
1-112	MECHANICAL	1-112	MECHANICAL	1-112	MECHANICAL
1-113	ELECTRICAL	1-113	ELECTRICAL	1-113	ELECTRICAL
1-114	PLUMBING	1-114	PLUMBING	1-114	PLUMBING
1-115	MECHANICAL	1-115	MECHANICAL	1-115	MECHANICAL
1-116	ELECTRICAL	1-116	ELECTRICAL	1-116	ELECTRICAL
1-117	PLUMBING	1-117	PLUMBING	1-117	PLUMBING
1-118	MECHANICAL	1-118	MECHANICAL	1-118	MECHANICAL
1-119	ELECTRICAL	1-119	ELECTRICAL	1-119	ELECTRICAL
1-120	PLUMBING	1-120	PLUMBING	1-120	PLUMBING
1-121	MECHANICAL	1-121	MECHANICAL	1-121	MECHANICAL
1-122	ELECTRICAL	1-122	ELECTRICAL	1-122	ELECTRICAL
1-123	PLUMBING	1-123	PLUMBING	1-123	PLUMBING
1-124	MECHANICAL	1-124	MECHANICAL	1-124	MECHANICAL
1-125	ELECTRICAL	1-125	ELECTRICAL	1-125	ELECTRICAL
1-126	PLUMBING	1-126	PLUMBING	1-126	PLUMBING
1-127	MECHANICAL	1-127	MECHANICAL	1-127	MECHANICAL
1-128	ELECTRICAL	1-128	ELECTRICAL	1-128	ELECTRICAL
1-129	PLUMBING	1-129	PLUMBING	1-129	PLUMBING
1-130	MECHANICAL	1-130	MECHANICAL	1-130	MECHANICAL
1-131	ELECTRICAL	1-131	ELECTRICAL	1-131	ELECTRICAL
1-132	PLUMBING	1-132	PLUMBING	1-132	PLUMBING
1-133	MECHANICAL	1-133	MECHANICAL	1-133	MECHANICAL
1-134	ELECTRICAL	1-134	ELECTRICAL	1-134	ELECTRICAL
1-135	PLUMBING	1-135	PLUMBING	1-135	PLUMBING
1-136	MECHANICAL	1-136	MECHANICAL	1-136	MECHANICAL
1-137	ELECTRICAL	1-137	ELECTRICAL	1-137	ELECTRICAL
1-138	PLUMBING	1-138	PLUMBING	1-138	PLUMBING
1-139	MECHANICAL	1-139	MECHANICAL	1-139	MECHANICAL
1-140	ELECTRICAL	1-140	ELECTRICAL	1-140	ELECTRICAL
1-141	PLUMBING	1-141	PLUMBING	1-141	PLUMBING
1-142	MECHANICAL	1-142	MECHANICAL	1-142	MECHANICAL
1-143	ELECTRICAL	1-143	ELECTRICAL	1-143	ELECTRICAL
1-144	PLUMBING	1-144	PLUMBING	1-144	PLUMBING
1-145	MECHANICAL	1-145	MECHANICAL	1-145	MECHANICAL
1-146	ELECTRICAL	1-146	ELECTRICAL	1-146	ELECTRICAL
1-147	PLUMBING	1-147	PLUMBING	1-147	PLUMBING
1-148	MECHANICAL	1-148	MECHANICAL	1-148	MECHANICAL
1-149	ELECTRICAL	1-149	ELECTRICAL	1-149	ELECTRICAL
1-150	PLUMBING	1-150	PLUMBING	1-150	PLUMBING
1-151	MECHANICAL	1-151	MECHANICAL	1-151	MECHANICAL
1-152	ELECTRICAL	1-152	ELECTRICAL	1-152	ELECTRICAL
1-153	PLUMBING	1-153	PLUMBING	1-153	PLUMBING
1-154	MECHANICAL	1-154	MECHANICAL	1-154	MECHANICAL
1-155	ELECTRICAL	1-155	ELECTRICAL	1-155	ELECTRICAL
1-156	PLUMBING	1-156	PLUMBING	1-156	PLUMBING
1-157	MECHANICAL	1-157	MECHANICAL	1-157	MECHANICAL
1-158	ELECTRICAL	1-158	ELECTRICAL	1-158	ELECTRICAL
1-159	PLUMBING	1-159	PLUMBING	1-159	PLUMBING
1-160	MECHANICAL	1-160	MECHANICAL	1-160	MECHANICAL
1-161	ELECTRICAL	1-161	ELECTRICAL	1-161	ELECTRICAL
1-162	PLUMBING	1-162	PLUMBING	1-162	PLUMBING
1-163	MECHANICAL	1-163	MECHANICAL	1-163	MECHANICAL
1-164	ELECTRICAL	1-164	ELECTRICAL	1-164	ELECTRICAL
1-165	PLUMBING	1-165	PLUMBING	1-165	PLUMBING
1-166	MECHANICAL	1-166	MECHANICAL	1-166	MECHANICAL
1-167	ELECTRICAL	1-167	ELECTRICAL	1-167	ELECTRICAL
1-168	PLUMBING	1-168	PLUMBING	1-168	PLUMBING
1-169	MECHANICAL	1-169	MECHANICAL	1-169	MECHANICAL
1-170	ELECTRICAL	1-170	ELECTRICAL	1-170	ELECTRICAL
1-171	PLUMBING	1-171	PLUMBING	1-171	PLUMBING
1-172	MECHANICAL	1-172	MECHANICAL	1-172	MECHANICAL
1-173	ELECTRICAL	1-173	ELECTRICAL	1-173	ELECTRICAL
1-174	PLUMBING	1-174	PLUMBING	1-174	PLUMBING
1-175	MECHANICAL	1-175	MECHANICAL	1-175	MECHANICAL
1-176	ELECTRICAL	1-176	ELECTRICAL	1-176	ELECTRICAL
1-177	PLUMBING	1-177	PLUMBING	1-177	PLUMBING
1-178	MECHANICAL	1-178	MECHANICAL	1-178	MECHANICAL
1-179	ELECTRICAL	1-179	ELECTRICAL	1-179	ELECTRICAL
1-180	PLUMBING	1-180	PLUMBING	1-180	PLUMBING
1-181	MECHANICAL	1-181	MECHANICAL	1-181	MECHANICAL
1-182	ELECTRICAL	1-182	ELECTRICAL	1-182	ELECTRICAL
1-183	PLUMBING	1-183	PLUMBING	1-183	PLUMBING
1-184	MECHANICAL	1-184	MECHANICAL	1-184	MECHANICAL
1-185	ELECTRICAL	1-185	ELECTRICAL	1-185	ELECTRICAL
1-186	PLUMBING	1-186	PLUMBING	1-186	PLUMBING
1-187	MECHANICAL	1-187	MECHANICAL	1-187	MECHANICAL
1-188	ELECTRICAL	1-188	ELECTRICAL	1-188	ELECTRICAL
1-189	PLUMBING	1-189	PLUMBING	1-189	PLUMBING
1-190	MECHANICAL	1-190	MECHANICAL	1-190	MECHANICAL
1-191	ELECTRICAL	1-191	ELECTRICAL	1-191	ELECTRICAL
1-192	PLUMBING	1-192	PLUMBING	1-192	PLUMBING
1-193	MECHANICAL	1-193	MECHANICAL	1-193	MECHANICAL
1-194	ELECTRICAL	1-194	ELECTRICAL	1-194	ELECTRICAL
1-195	PLUMBING	1-195	PLUMBING	1-195	PLUMBING
1-196	MECHANICAL	1-196	MECHANICAL	1-196	MECHANICAL
1-197	ELECTRICAL	1-197	ELECTRICAL	1-197	ELECTRICAL
1-198	PLUMBING	1-198	PLUMBING	1-198	PLUMBING
1-199	MECHANICAL	1-199	MECHANICAL	1-199	MECHANICAL
1-200	ELECTRICAL	1-200	ELECTRICAL	1-200	ELECTRICAL

ELECTRICAL SYMBOLS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
1-201	ASBESTOS	1-201	ASBESTOS
1-202	CONCRETE	1-202	CONCRETE
1-203	BRICK	1-203	BRICK
1-204	GLASS	1-204	GLASS
1-205	WOOD	1-205	WOOD
1-206	INSULATION	1-206	INSULATION
1-207	PAINT	1-207	



ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS				CEILING		REMARKS
				NORTH	EAST	SOUTH	WEST	MAT'L	HEIGHT	
100	PRIMARY CARE CHECK-IN	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING/ATC	9'-0"	SEE FLOOR AND FINISH PLAN FOR LOCATIONS OF ACCENT PAINT COLORS AND FLOOR FINISHES. LAY RSF-2 WITH WOOD GRAIN PATTERN RUNNING IN DIRECTION INDICATED BY ARROWS ON FLOOR AND FINISH PLAN. LAY RSF-1 WITH GRAIN PARALLEL TO ADJACENT WALL.
101	CORR	EXISTING	EXISTING	EXISTING	--	EXISTING	EXISTING	EXISTING/ATC	9'-0"	

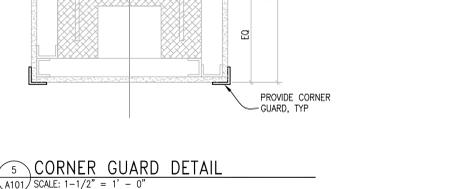
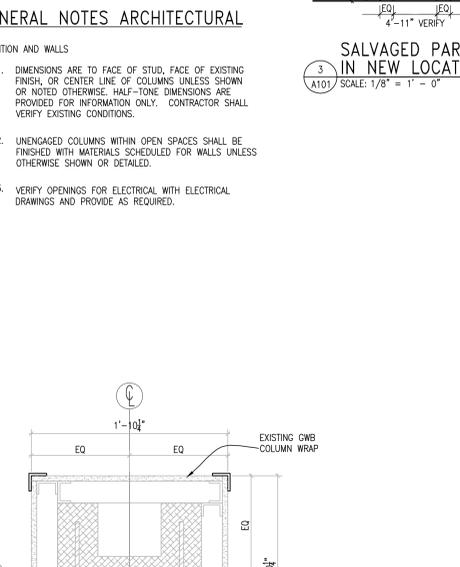
Revisions	Date

- ### KEYED DEMOLITION NOTES: ARCHITECTURAL AND FIRE SPRINKLER
- REMOVE ENTIRE CHECK-IN ASSEMBLY, EXCEPT WHERE NOTED OTHERWISE. ALL EQUIPMENT OR FURNITURE CONTAINED WITHIN CHECK-IN AREA SHALL BE REMOVED AND TURNED OVER TO THE VA. PATCH EXISTING ADJACENT SURFACES AS REQUIRED AND PREPARE FOR NEW FINISHES. SEE PHOTOS #1 AND #5. SEE ELECTRICAL.
 - REMOVE ENTIRE COFFEE COUNTER ASSEMBLY AND CAP ASSOCIATED PLUMBING TO MAIN. PATCH EXISTING ADJACENT SURFACES AS REQUIRED AND PREPARE FOR NEW FINISHES. SEE PHOTO #3.
 - THROUGHOUT AREA OF WORK:
 - REMOVE DAMAGED EXISTING CEILING TILES. SEE PHOTO #4.
 - REMOVE EXISTING CARPET TILE AND RESILIENT BASE. PREPARE SUBSTRATE TO RECEIVE NEW CARPET OR SHEET VINYL AS SHOWN ON FLOOR AND FINISH PLAN.
 - PATCH EXISTING WALL AND COLUMN SURFACES AS REQUIRED AND PREPARE TO RECEIVE NEW PAINT FINISH.
 - REMOVE PARTIAL HEIGHT PARTITION, SALVAGE, STORE AND PROTECT FOR REUSE AS SHOWN ON FLOOR AND FINISH PLAN. SEE ELEVATION AND PHOTO #2.
 - PROVIDE BLOCKING IN EXISTING PARTITION AS REQUIRED TO SUPPORT FLAT-SCREEN T.V. T.V. SHALL BE PROVIDED BY VA. REPAIR SURFACE OF WALL AND PREPARE TO RECEIVE NEW PAINT FINISH.
 - FOR DEMOLITION AND CONSTRUCTION WORK OCCURRING OUTSIDE VA PRIMARY CARE HOURS OF OPERATION, CONTRACTOR SHALL PROVIDE TEMPORARY SEAL AT DOOR TO PROTECT ADJACENT AREA FROM DUST INTRUSION.
 - TEMPORARY LOCATION OF SELF CHECK-IN MACHINE.
 - MACHINE SHALL REMAIN OPERATIONAL DURING HOURS OF OPERATION FOR THE DURATION OF CONSTRUCTION. VERIFY HOURS OF OPERATION WITH VA.
 - VERIFY LOCATION OF MACHINE WITH VA PRIOR TO START OF WORK.
 - REMOVE CARPET AT TEMPORARY LOCATION OF MACHINE. SEE GENERAL DEMOLITION NOTE "M".
 - PROVIDE TEMPORARY POWER AND DATA TO SERVE MACHINE, SEE ELECTRICAL.
 - VA SHALL MOVE MACHINE.
 - COORDINATE FINAL LOCATION OF MACHINE WITH VA AS SHOWN ON FURNITURE AND EQUIPMENT PLAN.
 - EXISTING DOOR SHALL BE SECURED BY VA THROUGHOUT DURATION OF CONSTRUCTION. COORDINATE WITH VA. CONTRACTOR SHALL PROVIDE TEMPORARY SEAL AT DOOR DURING DEMOLITION WORK TO PROTECT ADJACENT AREA FROM DUST INTRUSION. CONTRACTOR SHALL COORDINATE WITH VA FOR ACCESS THROUGH DOOR AS REQUIRED TO COMPLETE WORK ON FLOOR FINISHES.

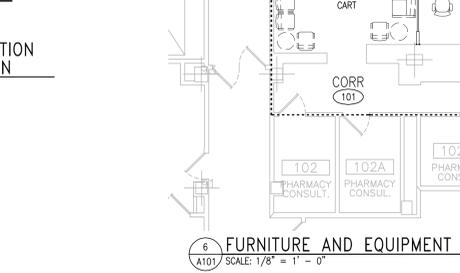
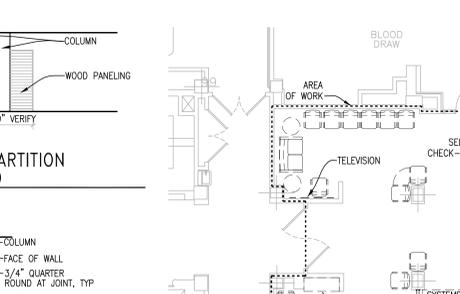


- ### KEYED NOTES ARCHITECTURAL
- INSTALL VA-FURNISHED WALL-MOUNTED FLAT SCREEN T.V. SEE ELECTRICAL. COORDINATE MOUNTING HEIGHT WITH VA.
 - PROVIDE PAINT AS SPECIFIED (09 06 00), P-1 ON ALL WALLS AND COLUMNS THROUGHOUT AREA OF WORK, EXCEPT FOR ACCENT AREAS AS NOTED ON FLOOR AND FINISH PLAN. PROVIDE ACCENT PAINT COLORS AS SPECIFIED, P-2 AND P-3 ON WALLS AS INDICATED ON FLOOR AND FINISH PLAN. VERIFY FINAL LOCATION OF ACCENT COLORS WITH VA. PROVIDE PAINT FOR DOOR FRAMES, P-4, AS SPECIFIED ON ALL DOOR FRAMES THROUGHOUT AREA OF WORK. PROVIDE P-5 ON ALL GWB SOFFITS AND CEILINGS. DO NOT PAINT ACCOUSTICAL TILE OR TILE SUSPENSION GRID.
 - PROVIDE FLOOR FINISH AND RESILIENT BASE AS SPECIFIED (09 06 00) THROUGHOUT AREA OF WORK. COORDINATE JOINT BETWEEN NEW AND EXISTING FINISH AT DOOR OPENINGS TO PROVIDE A NEAT APPEARANCE AND ELIMINATE POTENTIAL FOR TRIP HAZARD. USE TRANSITION STRIP WHERE NEW AND EXISTING FINISHES ARE NOT AT THE SAME ELEVATION. VERIFY FINAL FLOOR FINISH LAYOUT, INCLUDING TRANSITION STRIPS, WITH VA PRIOR TO INSTALLATION.
 - PROVIDE RSF-1 ACCENT BAND AT PERIMETER OF ROOM AS SHOWN ON FLOOR AND FINISH PLAN. GRAIN OF WOOD PATTERN SHALL RUN PARALLEL TO ADJACENT WALL. MITER CORNERS. ACCENT BAND SHALL BE 1'-0" DEEP UNLESS SHOWN OTHERWISE ON FLOOR AND FINISH PLAN.
 - THROUGHOUT AREA OF WORK, PROVIDE NEW CEILING TILES, AS SPECIFIED (09 06 00) TO MATCH EXISTING, AS REQUIRED TO PROVIDE NEW APPEARANCE. COORDINATE WITH MECHANICAL AND ELECTRICAL WORK.
 - CUT SALVAGED PARTIAL HEIGHT PARTITION TO FIT BETWEEN EXISTING COLUMN AND EXISTING WALL AS SHOWN ON PLAN. ALIGN CENTERLINE OF PARTITION WITH CENTER LINE OF COLUMN AS SHOWN ON PLAN. PROVIDE BLOCKING AT WALL AND COLUMN AS REQUIRED TO ANCHOR PARTITION TO WALL, COLUMN AND FLOOR. PATCH, REPAIR AND REFINISH PARTITION SURFACES AS REQUIRED TO PROVIDE A NEW APPEARANCE.
 - PROVIDE CONTINUOUS 3/4" X 3/4" WHITE OAK QUARTER ROUND AT JOINTS AS SHOWN ON PLAN WITH END CAP AT TOP RETURN. PROVIDE CLEAR FINISH TO MATCH EXISTING MILLWORK.

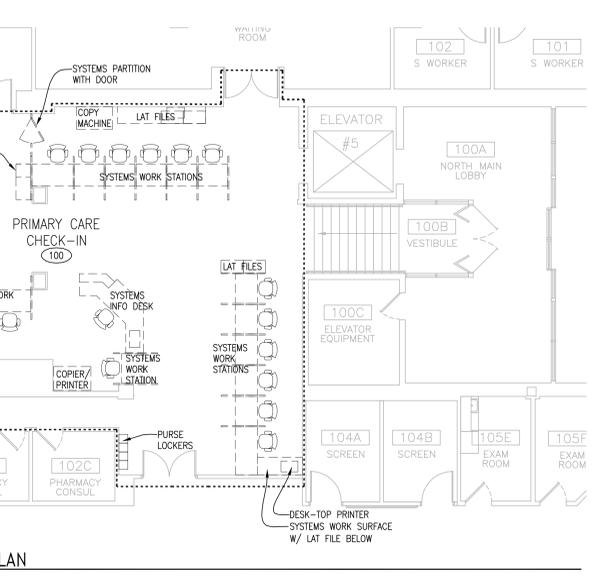
- ### GENERAL DEMOLITION NOTES
- REMOVE EXISTING CONSTRUCTION WITHIN AREA OF WORK AS INDICATED OR AS REQUIRED TO COMPLETE WORK. VERIFY EXISTING CONDITIONS. REPORT ANY CONDITION DETRIMENTAL TO SUCCESSFUL COMPLETION OF THE PROJECT TO THE PROJECT ENGINEER BEFORE PROCEEDING WITH THE WORK.
 - WHERE REMOVAL OF EXISTING CONSTRUCTION DISRUPTS EXISTING ELECTRICAL, MECHANICAL OR PLUMBING SERVICES, MAKE PERMANENT (OR TEMPORARY) CONNECTIONS TO RESTORE AFFECTED SERVICES TO AREAS NOT SCHEDULED FOR DEMOLITION AND REMODELING. WHERE TEMPORARY CONNECTIONS ARE PROVIDED, RESTORE PERMANENT SERVICE PRIOR TO PROJECT COMPLETION.
 - REPAIR AND RESTORE EXISTING CONSTRUCTION DAMAGED BY DEMOLITION OPERATIONS. MATCH EXISTING CONDITIONS, EXTEND REPAIR AND RESTORATION TO BREAK IN PLAN OR TO FIRST MATERIAL JOINT BEYOND DAMAGE.
 - REQUIREMENT TO REPAIR OR RESTORE EXISTING CONSTRUCTION DAMAGED BY DEMOLITION EXTENDS TO EXISTING CONSTRUCTION NOT DAMAGED BY ALTERATIONS TO MECHANICAL OR ELECTRICAL SYSTEMS, WHETHER OR NOT WORK IS WITHIN THE AREA OF WORK.
 - COORDINATE DEMOLITION WITH SCHEDULES, CONSTRUCTION REQUIREMENTS AND SUBCONTRACTOR'S OPERATIONS, COORDINATE SEQUENCING WITH THE CONSTRUCTION MANAGER AND PROCEED ONLY AFTER OBTAINING THE RESIDENT ENGINEER'S ACCEPTANCE OF DEMOLITION SCHEDULE.
 - NO WORK SHALL BE STARTED WHICH AFFECTS EXISTING FACILITY OPERATIONS WITHOUT PRIOR COORDINATION AND APPROVAL OF THE RESIDENT ENGINEER.
 - ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF NATIONAL AND LOCAL CODES, WHICHEVER IS MORE STRINGENT.
 - CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO THE START OF CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE RESIDENT ENGINEER PRIOR TO START OF DEMOLITION OR CONSTRUCTION ACTIVITIES.
 - CONTRACTOR SHALL COORDINATE MATERIAL STORAGE WITH THE RESIDENT ENGINEER.
 - CONTRACTOR SHALL PROVIDE FIRE PROTECTION EQUIPMENT (FIRE EXTINGUISHERS, ETC.) AS REQUIRED FOR DEMOLITION OR CONSTRUCTION ACTIVITIES.
 - FOR ADDITIONAL DEMOLITION, SEE ELECTRICAL DRAWINGS, PATCH, REPAIR SURFACES AS REQUIRED IN ASSOCIATION WITH ELECTRICAL, DATA AND PLUMBING WORK AND PREPARE TO RECEIVE NEW FINISH.
 - HALF-TONE DIMENSIONS ARE PROVIDED FOR INFORMATION ONLY.



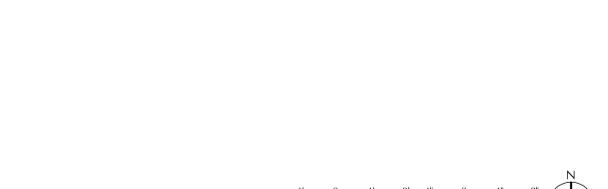
- ### GENERAL DEMOLITION NOTES (Continued)
- CROSS-HATCHED AREAS INDICATE MATERIAL, FURNITURE OR EQUIPMENT TO BE REMOVED.
 - SCHEDULING OF WORK SHALL BE AS OUTLINED IN SUPPLEMENTARY CONDITIONS.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF EXISTING SURFACES SURROUNDING THE AREA OF WORK. DAMAGE TO EXISTING SURFACES, FURNITURE OR EQUIPMENT SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
 - THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER PRIOR TO REMOVAL OF MATERIAL, FURNITURE OR EQUIPMENT NOT INDICATED ON THE DRAWINGS TO BE REMOVED.
 - CONTRACTOR SHALL MAINTAIN NEGATIVE PRESSURE WITH VENTING DIRECTLY TO OUTSIDE DURING DEMOLITION AND NEW CONSTRUCTION ACTIVITIES IN ORDER TO MINIMIZE THE CHANCE FOR AIR POLLUTION TO ENTER HOSPITAL VENTILATION SYSTEMS. ALL EXISTING RETURN AND SUPPLY AIR DUCTWORK TO WORK AREAS SHALL BE SECURELY CAPPED WITH SHEET METAL DURING THE CONSTRUCTION PERIOD. THIS REQUIREMENT APPLIES TO ALL WORK AREAS. IN ADDITION TO PROVIDING DUST CONTROL MEASURES, CONTRACTOR SHALL PROVIDE AIR MONITORING FOR AIRBORNE DISEASES (E.G. ASPERGILLOSIS). COORDINATE AND VERIFY WITH VA. SEE SPECIFICATION FOR INFECTION PREVENTION MEASURES.
 - DEMOLITION WORK CAUSING VIBRATION AND/OR LOUD NOISE DISRUPTIVE TO HOSPITAL FUNCTIONS AS DEEMED BY THE RESIDENT ENGINEER SHALL BE SCHEDULED TO BE DONE AFTER HOURS.
 - DEMOLITION WORK SHALL EXTEND TO THE NEAREST BREAK POINT.
 - ALL PLUMBING FIXTURES/ DOMESTIC WATER PIPING TO BE REMOVED SHALL BE FREZZED AND CAPPED BACK TO MAIN.
 - IN KEYED NOTES, "REMOVE" MEANS: REMOVE, HAUL AWAY AND DISPOSE OF IN ACCORDANCE WITH APPLICABLE LAWS AND REGULATIONS.
 - ALL DEMOLITION MATERIALS SHALL BE TURNED OVER TO THE VA. ANY DEMOLITION MATERIALS NOT SALVAGED BY THE VA SHALL BE DISPOSED OF BY CONTRACTOR.
 - CONTRACTOR SHALL INSURE THAT ALL FINISHED OR UNFINISHED WALL AND FLOOR AREAS ACCESSIBLE TO THE PUBLIC DURING BUSINESS HOURS ARE CLEAN, DRY, FREE OF DEBRIS AND GLUE, AND SUITABLE FOR USE.
 - CONTRACTOR SHALL INSURE THAT TRAVEL PATHS MARKED "PRESERVE ACCESS" ON DEMOLITION PLAN PROVIDE A CONTINUOUS PATH OF TRAVEL THAT IS CLEAN AND FREE OF DEBRIS DURING BUSINESS HOURS.



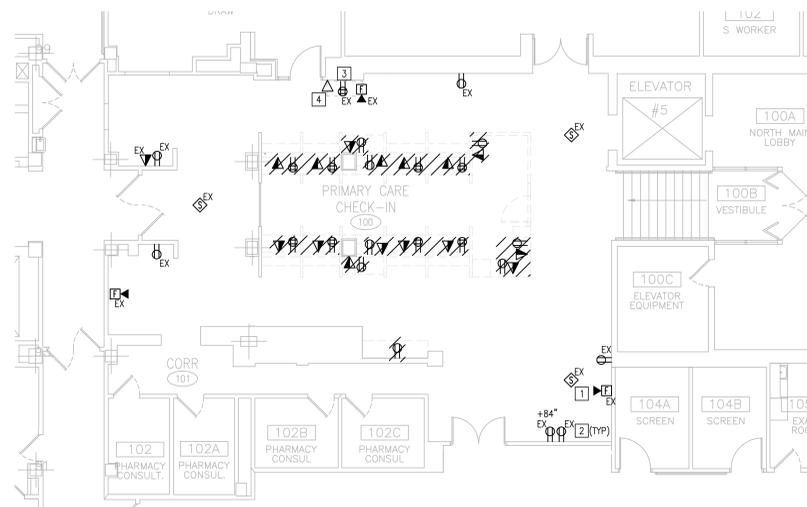
- ### KEYED PHASING NOTES ARCHITECTURAL
- PROVIDE TEMPORARY CONSTRUCTION PARTITION AS SHOWN ON PHASING AND DEMOLITION PLAN.
 - COORDINATE LOCATION OF WALL TO AVOID CONFLICT WITH FIXTURES, EQUIPMENT AND DUCTWORK OVERHEAD TO THE EXTENT POSSIBLE WHILE STILL MAINTAINING ACCESS ROUTE SHOWN ON PHASING AND DEMOLITION PLAN.
 - FINAL LOCATION OF WALL SHALL BE APPROVED BY VA PRIOR TO THE START OF ANY DEMOLITION OR CONSTRUCTION WORK.
 - REMOVE CARPET TILE AT LOCATION OF TEMPORARY CONSTRUCTION PARTITION.
 - TEMPORARY CONSTRUCTION PARTITION SHALL BE 3'-5/8" MET STUDS TO EXISTING CEILING WITH 5/8" GWB BOTH SIDES TO CEILING. THE STRUCTURE ABOVE AS REQUIRED TO PROVIDE LATERAL STABILITY.
 - PROVIDE SECURE ACCESS BETWEEN PHASING AREAS A AND B IN TEMPORARY CONSTRUCTION PARTITION. ACCESS DOOR SHALL BE SECURED WITH LOCKING MECHANISM PROVIDED BY CONTRACTOR. CONTRACTOR SHALL PROVIDE VA RESIDENT ENGINEER WITH KEY.
 - PROVIDE TEMPORARY EXIT SIGN INDICATING DIRECTION OF TRAVEL AS SHOWN IN PHASING AND DEMOLITION PLAN.



- ### FURNITURE AND EQUIPMENT PLAN NOTES
- FURNITURE AND EQUIPMENT PLAN IS PROVIDED FOR INFORMATION ONLY. ALL FURNITURE AND EQUIPMENT IS BY VA.
 - EXISTING WALL MOUNTED EQUIPMENT REMOVED DURING CONSTRUCTION SHALL BE STORED BY THE VA AND REINSTALLED BY THE GC. GC SHALL COORDINATE FINAL LOCATIONS OF WALL MOUNTED EQUIPMENT WITH THE VA. UNLESS NOTED OTHERWISE, ON THE DEMOLITION OR FLOOR PLANS, WALL MOUNTED EQUIPMENT WILL REQUIRE NO WALL REINFORCEMENT.
 - FINAL LOCATION OF ALL FURNITURE AND EQUIPMENT WILL BE DETERMINED BY THE VA. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL WORK ASSOCIATED WITH FURNITURE AND EQUIPMENT. WHERE FURNITURE AND EQUIPMENT LOCATIONS ARE CRITICAL TO POWER/DATA/TELEPHONE WORK, CONTRACTOR SHALL VERIFY FINAL LOCATION OF EQUIPMENT AND FURNITURE WITH VA RESIDENT ENGINEER.



CONSULTANTS:		ARCHITECT/ENGINEERS:		Architect Project No. 003-10121-007	Drawing Title DEMOLITION AND FLOOR PLANS AND DETAILS	Project Title VA DES MOINES PRIMARY CARE CHECK-IN REMODEL	Project Number 636A6-11-202	Office of Construction and Facilities Management
		LEO A DALY PLANNING ARCHITECTURE ENGINEERING INTERIORS EST. 1915		Approved Project Director		Location DES MOINES, IA	Building Number 1	
				8600 Indian Hills Drive Omaha, NE 68114-4039 USA Tel 402-391-8111 Fax 402-391-8564		Date MARCH 5, 2012	Checked GAL	Drawn SJI
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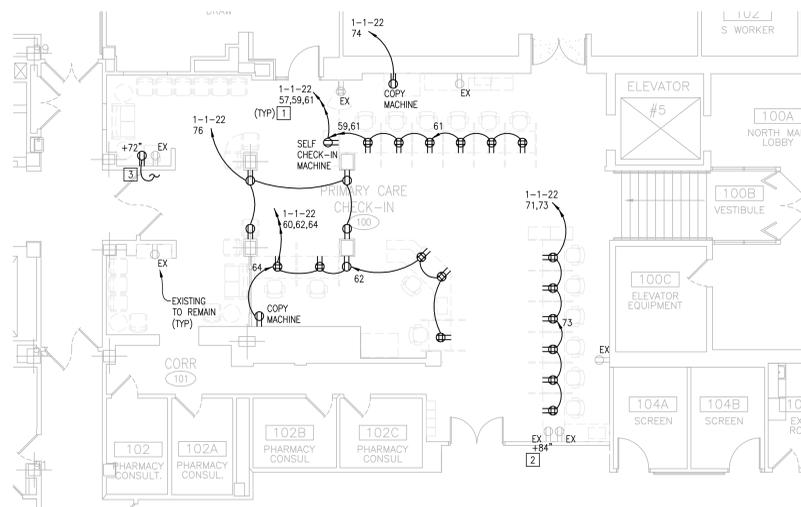
1 ELECTRICAL PHASING AND DEMOLITION PLAN
E101 SCALE: 1/8" = 1' - 0"

PHASING AND DEMOLITION PLAN KEYED NOTES:

- 1 MAINTAIN OPERATION OF PAGING AND FIRE ALARM SYSTEMS IN AREA.
- 2 'EX' DENOTES EXISTING EQUIPMENT TO REMAIN.
- 3 UTILIZE EXISTING OUTLET FOR TEMPORARY LOCATION OF SELF CHECK-IN MACHINE.
- 4 PROVIDE TEMPORARY DATA CONNECTION FOR SELF CHECK-IN MACHINE.

ELECTRICAL DEMOLITION NOTES

1. ALL ELECTRICAL ITEMS INSTALLED IN WALLS, FLOORS, OR CEILINGS TO BE DEMOLISHED SHALL BE REMOVED IN THEIR ENTIRETY UNLESS OTHERWISE NOTED OR REQUIRED BY OTHER CONDITIONS IN THESE DOCUMENTS. SEE DRAWINGS OF ALL OTHER TRADES FOR EXTENT OF DEMOLITION WORK. ELECTRICAL ITEMS SHALL INCLUDE POWER, LIGHTING, AND SPECIAL SYSTEMS. REFER ALL QUESTIONS OF APPLICABILITY TO THE A/E PRIOR TO BID FOR CLARIFICATION; OTHERWISE, FIELD DECISIONS BY THE A/E SHALL BE BINDING.
2. IT IS NOTED THAT THESE DRAWINGS DEPICT THE GENERAL INTENT OF THE SCOPE OF THE DEMOLITION WORK AND THAT NOT ALL ITEMS OF ELECTRICAL DEMOLITION ARE NECESSARILY SHOWN. THE CONTRACTOR SHALL BE REQUIRED TO FIELD VERIFY AND FIELD DETERMINE THE SCOPE OF THE DEMOLITION WORK PRIOR TO BID. REFER ALL QUESTIONS TO THE A/E PRIOR TO BID FOR CLARIFICATION.
3. PHASING OF ELECTRICAL DEMOLITION SHALL FOLLOW THAT OF THE GENERAL CONTRACTOR. COORDINATE REMOVAL OF ELECTRICAL WORK WITH OTHER CONSTRUCTION ACTIVITIES AND THE REQUIREMENTS OF THE OWNER.
4. THE OWNER SHALL HAVE SALVAGE RIGHTS TO ANY ITEMS THAT ARE TO BE DEMOLISHED. ITEMS SUCH AS SPEAKERS AND CAMERAS AND OTHER ITEMS THAT THE OWNER WISHES TO SALVAGE SHALL BE CAREFULLY REMOVED AND STORED IN A LOCATION AS DIRECTED BY THE OWNER. ALL OTHER ITEMS OF DEMOLITION SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE.
5. WHERE DEMOLITION WORK WILL INTERRUPT CIRCUIT CONTINUITY TO OTHER AREAS OF THE FACILITY THAT ARE TO REMAIN IN OPERATION, THEN RACEWAY AND WIRING SHALL BE INSTALLED TO MAINTAIN THOSE AREAS IN COMPLETE OPERATION. PROVIDE TEMPORARY CONNECTIONS AS REQUIRED. COORDINATE ANY INTERRUPTIONS WITH THE OWNER AT LEAST TWO WEEKS PRIOR AND ACCOMMODATE THE OWNER'S NEEDS AS REQUIRED.
6. ELECTRICAL CIRCUITS THAT ARE TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY. CONDUCTORS SHALL BE REMOVED FROM THE ITEM TO BE DEMOLISHED TO THE SOURCE OVERCURRENT DEVICE. RACEWAYS WHICH ARE INSTALLED IN OR BELOW FLOORS OR WITHIN WALLS MAY BE ABANDONED, BUT ALL OVERHEAD OR EXPOSED RACEWAYS SHALL BE REMOVED. EXPOSED RACEWAYS TO BE ABANDONED SHALL BE REMOVED AND SHALL BE CUT OR CHEESED AT LEAST 2" INTO THE WALL OR FLOOR AND THE OPENING GROUTED SMOOTH.
7. WHERE EXISTING DEVICE OR JUNCTION BOXES MUST REMAIN IN EXISTING WALLS OR CEILINGS (SUCH AS FOR CIRCUITS THAT MUST BE MAINTAINED TO OTHER AREAS), THEN THEY SHALL BE FITTED WITH BLANK COVERPLATES.
8. WHERE DISTRIBUTION OR BRANCH CIRCUIT EQUIPMENT (PANELBOARDS, SWITCHBOARDS, ETC.) IS TO BE REMOVED, THEN ALL CIRCUITS WHICH FEED ITEMS TO REMAIN SHALL BE RECONNECTED TO NEW DISTRIBUTION OR BRANCH CIRCUIT EQUIPMENT. REFER ALL QUESTIONS TO THE A/E FOR CLARIFICATION.
9. THE EXISTING FIRE ALARM SYSTEM SHALL REMAIN IN OPERATION THROUGHOUT CONSTRUCTION. AUTOMATIC SMOKE DETECTORS IN THE AREA OF CONSTRUCTION SHALL BE DISCONNECTED AND TEMPORARILY REPLACED WITH HEAT DETECTORS WHEN THE SPACE IS STAFFED BY THE CONTRACTOR IN ACCORDANCE WITH THE APPROVED FIRE SAFETY PROCEDURES OF THE OWNER AND THE LOCAL FIRE MARSHAL, BUT SHALL BE REACTIVATED WHENEVER THE SPACE IS NOT OCCUPIED BY THE CONTRACTOR. AUTOMATIC SMOKE DETECTORS SHALL BE PROTECTED FROM DUST AND DIRT ACCUMULATION BY REMOVING THE DEVICE FROM ITS BASE DURING THOSE TIMES WHEN THE SYSTEM IS ALLOWED TO BE OUT OF OPERATION.
10. IF HAZARDOUS MATERIALS (I.E. ASBESTOS, PCB'S, ETC.) ARE ENCOUNTERED AT ANY TIME DURING CONSTRUCTION IN THE WORK AREA, STOP WORK IMMEDIATELY AND CONTACT THE A/E OR THE OWNER.
11. DEVICES AND LIGHT FIXTURES SHOWN HATCHED SHALL BE REMOVED. DEVICES AND LIGHT FIXTURES NOT SHOWN HATCHED ARE EXISTING TO REMAIN.
12. REMOVE CABLING BACK TO SOURCE FOR ALL TEL/DATA OUTLETS BEING REMOVED.



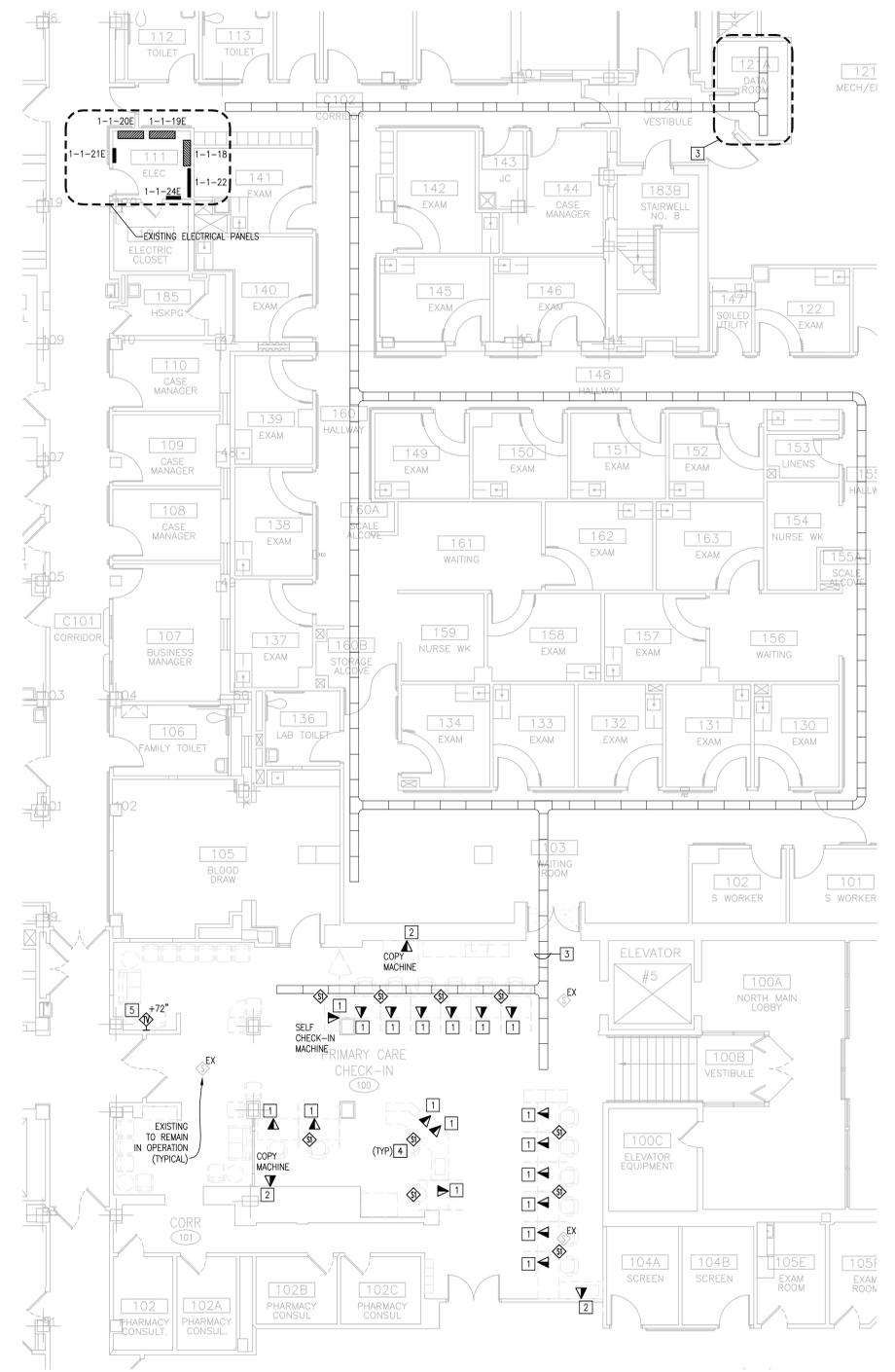
2 POWER PLAN
E101 SCALE: 1/8" = 1' - 0"

POWER PLAN KEYED NOTES:

- 1 ROUTE CIRCUITS TO PANEL 1-1-22 IN ELECTRICAL CLOSET, ROOM 111. SEE SYSTEMS PLAN FOR ROOM LOCATION, LOCATE RECEPTACLES IN SYSTEMS FURNITURE AND ROUTE CONDUIT TO ADJACENT COLUMN OR WALL AND THEN UP TO CEILING.
- 2 BID ALT #1: RE-USE EXISTING RECEPTACLE FOR NEW SOUND MASKING SYSTEM. SEE SPECIAL SYSTEMS PLAN, THIS SHEET, FOR DETAILS.
- 3 NEW RECEPTACLE FOR TELEVISION, CONNECT TO EXISTING CIRCUIT IN AREA.

GENERAL ELECTRICAL NOTES

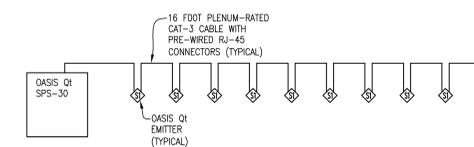
1. ALL ELECTRICAL WORK SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE APPLICABLE EDITIONS OF THE NATIONAL ELECTRICAL CODE, THE STATE BUILDING CODE, AND ANY OTHER LOCAL, STATE, OR FEDERAL CODES, ORDINANCES, OR AUTHORITY INTERPRETATIONS THAT MAY APPLY. A CERTIFICATE OF FINAL ELECTRICAL INSPECTION SHALL BE OBTAINED BY THE CONTRACTOR AT THE COMPLETION OF THE WORK AND PRESENTED TO BOTH THE OWNER AND THE A/E.
2. THE CONTRACTOR SHALL FURNISH AND INSTALL COMPLETE AND SATISFACTORILY OPERATING SYSTEMS AS INDICATED ON THE CONTRACT DOCUMENTS. IT IS NOTED THAT THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENTS OF SYSTEMS AND WORK. CIRCUIT NUMBERS, INTERCONNECTIONS, HOME RUNS, AND SWITCH LEGS HAVE BEEN SHOWN, AND THE CONTRACTOR SHALL FURNISH AND INSTALL CONDUIT AND WIRING AS REQUIRED TO ACCOMPLISH THE FUNCTIONS INDICATED. SPECIAL SYSTEMS DEVICES (FIRE ALARM, COMMUNICATIONS, SECURITY, ETC.) HAVE BEEN SHOWN AND THE CONTRACTOR SHALL FURNISH AND INSTALL THE REQUIRED QUANTITIES AND TYPES OF CABLES, CONDUCTORS, RACEWAYS, REMOTE POWER SUPPLIES AND CONNECTIONS, SHIELDING REQUIREMENTS, ETC., AS REQUIRED BY THE SYSTEM MANUFACTURER, THE SPECIFICATIONS, AND ANY APPLICABLE CODES. ALL WIRING SHOWN ON ONE-LINE OR RISER DIAGRAMS SHALL ALSO BE FURNISHED AND INSTALLED REGARDLESS OF WHETHER THESE ITEMS ARE SHOWN ON THE PLANS.
3. THE CONTRACTOR SHALL COORDINATE THE ELECTRICAL WORK WITH THE WORK OF ALL OTHER TRADES AND EXISTING CONDITIONS SO AS TO AVOID CONFLICTS. RESOLVE ALL CONFLICTS THROUGH THE A/E PRIOR TO ROUGH-IN. FAILURE TO PROVIDE SUCH COORDINATION PRIOR TO WORK BEING INSTALLED SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION TO THE CONTRACTOR, AND MAY RESULT IN REJECTION OF THE WORK. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE SUBSTITUTIONS WITH OTHER TRADES.
4. ALL MATERIALS SHALL BE NEW, SHALL BE SUITABLE FOR THE APPLICATION INTENDED, AND SHALL BEAR LABELS OR MARKINGS INDICATING THIRD PARTY TESTING LABORATORY LISTINGS ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION UNLESS OTHERWISE NOTED.
5. VERIFY LOCATIONS OF WIRING DEVICES IN FINISHED SPACES, MILLWORK, AND CASEWORK WITH ARCHITECTURAL DRAWINGS, DETAILS, AND ELEVATIONS, AND WITH THE OWNER'S EQUIPMENT AND FURNITURE LAYOUTS PRIOR TO ROUGH-IN.
6. ALL WIRING FOR ELECTRICAL SYSTEMS SHALL BE INSTALLED IN METALLIC RACEWAY SYSTEMS UNLESS OTHERWISE NOTED. ALL CONDUCTORS SHALL BE COPPER, SHALL BE #12AWG MINIMUM, AND SHALL HAVE 600V TYPE THIN/THIN INSULATION, UNLESS OTHERWISE NOTED. ALL RACEWAYS AND CIRCUITS SHALL INCLUDE INSULATED GROUND CONDUCTORS SIZED AS INDICATED OR AS REQUIRED BY THE NEC. MINIMUM RACEWAY SIZE SHALL BE 1/2" UNLESS OTHERWISE NOTED.
7. RACEWAYS SHALL NOT CONTAIN MORE THAN THREE PHASE CONDUCTORS, THREE NEUTRALS, AND ONE GROUND CONDUCTOR, UNLESS OTHERWISE NOTED. CONTRACTOR SHALL PROVIDE SEPARATE NEUTRALS FOR ALL 20/1 CIRCUIT BREAKERS. PROVIDE MULTIPOLE CIRCUIT BREAKERS IN CONJUNCTION WITH SHARED NEUTRALS IN A MULTIWIRE CIRCUIT IN ACCORDANCE WITH 2008 NEC 210.4 SHALL BE APPROVED BY THE ENGINEER.
8. EXPOSED RACEWAY UP TO 8'-0" ABOVE FINISHED FLOOR OR GRADE ELEVATION, OR ANY RACEWAY SUBJECT TO DAMAGE, SHALL BE BMS.
9. ALL CONNECTIONS FOR ELECTRICALLY POWERED EQUIPMENT, INCLUDING BUT NOT LIMITED TO MECHANICAL AND OWNER SUPPLIED EQUIPMENT, SHALL BE FURNISHED AND INSTALLED. WHERE NOT INDICATED AS BEING PROVIDED WITH THE EQUIPMENT, ALL REQUIRED DISCONNECTING MEANS SHALL BE FURNISHED AND INSTALLED AS A PART OF THE ELECTRICAL WORK. COORDINATE LOCATIONS OF DISCONNECTING AND CONTROLLING MEANS WITH EQUIPMENT TO MAINTAIN CODE AND INSTALLATION REQUIREMENTS.
10. ALL RACEWAY AND WIRING SHALL BE CONCEALED IN FINISHED SPACES, AND MAY BE INSTALLED EXPOSED IN UNFINISHED SPACES SUCH AS MECHANICAL AND ELECTRICAL ROOMS. ALL RACEWAY AND WIRING, WHETHER CONCEALED OR EXPOSED, SHALL BE RUN EITHER PERPENDICULAR OR PARALLEL TO THE BUILDING'S STRUCTURAL COMPONENTS.
11. PROVIDE PULL AND JUNCTION BOXES AS REQUIRED TO MEET CODE AND INSTALLATION REQUIREMENTS. PULL AND JUNCTION BOXES SHALL BE CONCEALED IN FINISHED SPACES AND LOCATIONS SHALL BE COORDINATED WITH THE WORK OF ALL OTHER TRADES SO AS TO AVOID CONFLICTS.
12. ALL CONDUCTORS SHALL BE IDENTIFIED AT EACH JUNCTION BOX, OUTLET BOX, CABINET, PULL BOX, ETC., WITH VINYL SELF-ADHESIVE TAGS INDICATING PANEL AND CIRCUIT NUMBER, CONTROL WIRE IDENTIFICATION NUMBER, OR OTHER APPROPRIATE INFORMATION. ALL PULL AND JUNCTION BOXES SHALL BE LABELED AS TO FUNCTION.
13. ALL EQUIPMENT SHALL BE SECURELY FASTENED BY MEANS OF ANCHORS, RODS, HANGERS, SUPPORTS, GUIDES, SWAY BRACES, ETC., TO MAINTAIN ALIGNMENT AND PREVENT EQUIPMENT MOVEMENT. ALL EQUIPMENT LOCATED IN SEISMIC ZONES SHALL BE SECURED WITH MEANS APPROVED FOR THE SEISMIC CLASSIFICATION.
14. ALL PENETRATIONS OF FIRE OR SMOKE RATE CONSTRUCTION SHALL BE SEALED WITH FIRESTOPPING MATERIALS APPROVED AND LISTED FOR THE RATING OF THE CONSTRUCTION TO BE PENETRATED. PROVIDE DOCUMENTATION ON ALL SUCH PENETRATION SEALING SYSTEMS FOR VERIFICATION OF PROPER INSTALLATION.
15. ALL PENETRATIONS OF ROOFS, EXTERIOR WALLS, FOUNDATIONS, OR OTHER WATER OR MOISTURE PROOF CONSTRUCTION SHALL BE SEALED WITH APPROPRIATE SEALING FITTINGS OR SEALED CONSTRUCTION TO PREVENT THE INTRODUCTION OF MOISTURE INTO THE BUILDING.
16. WHERE EMPTY RACEWAYS ARE INSTALLED, THEY SHALL BE LABELED AT BOTH ENDS AND FITTED WITH NYLON PULLSTRINGS FOR FUTURE USE.
17. TO PREVENT PERSONNEL INJURY AND POTENTIAL SYSTEM FAILURE, ELECTRICAL WORK SHALL BE PERFORMED ON DE-ENERGIZED SYSTEMS ONLY. WHERE WORK ON EXISTING SYSTEMS WILL REQUIRE INTERRUPTION OF ELECTRICAL SERVICE, THEN TEMPORARY PROVISIONS ACCEPTABLE TO THE OWNER FOR TEMPORARY POWER SHALL BE UTILIZED UNTIL THE WORK IS COMPLETE.
18. WHERE 20A, 120V LIGHTING AND POWER CIRCUIT LENGTHS EXCEED 150 FEET, PROVIDE #10 PHASE AND NEUTRAL CONDUCTORS WITH #10 GND IN MIN. 3/4" CONDUIT.
19. FIRE ALARM VISUAL NOTIFICATION APPLIANCES SHALL BE MOUNTED SO THAT THE ENTIRE LENS IS BETWEEN 80° AND 96°.
20. CONVENIENCE OUTLETS SHALL BE MOUNTED 18" AFF AND SHALL BE ALIGNED VERTICALLY. PROVIDE HORIZONTAL INSTALLATIONS ONLY WHEN SPACE IS LIMITED.
21. MOTOR CONTROLLERS AND SAFETY SWITCHES SHALL BE MOUNTED 60" AFF TO TOP.
22. WALL BOXES FOR SINGLE AND TWO-GANG SWITCH, CONVENIENCE OUTLET, OR TELECOMMUNICATIONS OR DATA INSTALLATIONS SHALL BE 4" SQUARE WITH APPROPRIATE SINGLE OR DOUBLE GANG PLASTER RINGS OF CORRECT DEPTH FOR WALL CONSTRUCTION. SECTIONAL OR MULTI-GANG BOXES WITH APPROPRIATE PLASTER RINGS SHALL BE USED FOR MULTI-GANG APPLICATIONS.
23. WHERE DEVICES CONNECTED TO NORMAL AND EMERGENCY POWER SYSTEMS ARE LOCATED IN THE SAME BOX, PROVIDE LISTED METALLIC BARRIERS AND SEPARATE RACEWAYS. BOXES SHALL BE PROPERLY CONFIGURED TO ACCEPT BARRIERS.
24. IF THE CONTRACTOR SUBSTITUTES EQUIPMENT WITH DIFFERENT CHARACTERISTICS THAN WHAT IS SPECIFIED, INCLUDING ELECTRICAL CHARACTERISTICS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THESE DIFFERENCES WITH OTHER TRADES.



3 SPECIAL SYSTEMS PLAN
E101 SCALE: 1/8" = 1' - 0"

SYSTEMS PLAN KEYED NOTES:

- 1 ROUTE A 1" CONDUIT FROM TELECOMMUNICATIONS OUTLET BOX IN SYSTEMS FURNITURE TO ADJACENT COLUMN OR WALL, UP TO ACCESSIBLE CEILING AND EXTEND OVER TO CABLE TRAY. BUSH END OF CONDUIT AND SECURE TO CABLE TRAY. SEE SPECIFICATIONS FOR CABLING REQUIREMENTS.
- 2 ROUTE A 1" CONDUIT FROM TELECOMMUNICATIONS OUTLET BOX IN WALL TO ABOVE ACCESSIBLE CEILING AND EXTEND OVER TO CABLE TRAY. BUSH END OF CONDUIT AND SECURE TO CABLE TRAY. SEE SPECIFICATIONS FOR CABLING REQUIREMENTS.
- 3 EXISTING WIRE MESH CABLE TRAY FOR DISTRIBUTION OF CABLES. ROUTE CABLES TO DATA ROOM 121A VIA CABLE TRAY AND TERMINATE ON EXISTING RACK(S).
- 4 BID ALT #1: OASIS QS EMITTER - BASIS OF DESIGN FOR THE SOUND MASKING SYSTEM. THE CONTROL MODULE SHALL BE THE OASIS QS SPS-30. COORDINATE MOUNTING LOCATION OF SPEAKERS WITH EXISTING CEILING. COORDINATE MOUNTING LOCATION OF CONTROL MODULE WITH THE OWNER PRIOR TO INSTALLATION. MOUNTING LOCATION SHALL BE WITHIN 6 FEET OF A 120V RECEPTACLE (SEE POWER PLAN FOR RECEPTACLE LOCATION). SPEAKERS SHALL BE ORDERED THROUGH OASIS QS EMITTER KITS. EACH KIT INCLUDES FOUR SPEAKERS AND FOUR 16 FOOT PLENUM RATED CAT-3 CABLES WITH PRE-WIRED RJ-45 CONNECTORS. CONTRACTOR SHALL VERIFY NUMBER OF KITS NEEDED. SEE DRAWING 4, THIS SHEET, FOR RISER DIAGRAM.
- 5 CABLE TV OUTLET - F-CONNECTOR MOUNTED IN RECESSED BOX WITH (1) RG-6 CABLE. COORDINATE WITH RESIDENT ENGINEER FOR ORIGIN OF CABLING.



BID ALT #1 SOUND MASKING SYSTEM RISER DIAGRAM
E101 SCALE: NONE

Revisions	Date

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Management

Department of
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