

Facility: Armory Sports Center

Address: 701 E. Ash Street Date of Survey: 01/08/10 & 05/25/10



The Armory Sports Center is a downtown recreation facility located within an old three-story renovated Armory building. All floors are accessible via an elevator. The lower level Exercise/Program Room also supports daycare and after-school activities for children.

1 ACCESS TO THE SITE AND/OR FACILITY

1.1 Exterior Accessible Route (sidewalks, paths, etc.)

- South (main) Building Entrance sidewalk from entry doors to main sidewalk along Ash Street is in good condition but has a 4.6% slope at the doors therefore not providing required level landing (no more than 2% slope in any direction) at the doors. Removal of existing section of walk and replacement would be required to obtain level landing. Level landing should be 5'-0" in depth and remaining walk back to the main sidewalk should be no greater than 5% slope or no greater than 8.33% slope if handrails are added on each side (see photo 1).

Estimated Cost: \$2,197.00

- Replace approximate 4' x 3' section of sidewalk that has settled just south of the accessible parking access aisle (see photo 2). **Estimated Cost: \$107.00**



Photo 1



Photo 2

- Sidewalk leading from existing accessible parking space to the main entry sidewalk is generally in fair condition with some cracking and some patching and/or repair of the walk is advisable (see photo 3).

Estimated Cost: \$266.00

- Sidewalk leading to asphalt permit parking lot to the east is in good condition, but the connection between the concrete walk and asphalt parking lot should be leveled (grind level or feather cold patch asphalt) for a smooth transition as it is recommended that additional accessible parking spaces be added in this lot (see photo 4).

Estimated Cost: \$54.00



Photo 3



Photo 4

1.2 Parking

- Parking lots located to the east and north of the building are both “permit parking only” lots, but Saturday parking is free. There is one non-permit van accessible parking space at the SE corner of the building that meets ADAAG. With a total of 187 permit spaces (per the City of Columbia Parking Inventory List dated 10/21/09), ADAAG 4.1.2 requires 6 accessible parking spaces with a minimum of one of those required spaces being van accessible. Therefore, 5 additional accessible parking spaces should be added to the permit parking lots adjacent to the building. There are existing spaces located in the SW corner of the east lot that could easily be converted to accessible spaces as the slopes of those existing spaces are close to required maximum slope of 2% and should require only minimal asphalt modification/repairs and the addition of parking signs and re-striping. (Note: Most spaces in the east lot exceed the 2 % slope requirement; additionally, several spaces could be developed in the north parking lot, but the door on that side of the building appears to be mainly for employee access and emergency egress as the door is locked from the outside during regular hours of operation.)
Estimated Cost: \$1,797.00

1.3 Curb Cuts & Curb Ramps

- None within building site to be evaluated. Those curb-cuts located at street intersections will be evaluated by a separate project.

1.4 Exterior Ramps

- Ramp located at the north exit door is concrete with metal handrails (see photo 5) – replacement option #1:
 - Top landing and mid-landings are 4” shy of the required 60” clear depth and width per ADAAG 4.8.4 and the landing at the door does not meet ADAAG 4.13.6 for clearances at the latch side of the door. If the ramp were installed prior to 1990, modifications to make it completely ADA compliant would be considered to be optional. If the ramp was installed after 1990, then modifications should be made to bring it into compliance with the ADA Accessibility Guidelines. Major modifications to the existing ramp and rails or complete replacement of the ramp and rails would be required to strictly meet those guidelines.
Option #1 Estimated Cost: \$18,685.00
- Ramp located at the north exit door is concrete with metal handrails (see photo 5) – modifications/improvements to existing ramp and rails option #2:
 - Missing required handrail on south side of upper ramp section per ADAAG 4.8.5 (1).
Option #2a Estimated Cost: \$423.00
 - Handrails are 2” dia. gripping surface which exceeds ADAAG 4.26.2 by ½”. Because the 2010 Standards for Accessible Design (New ADAAG) 505.7.1 allows handrail gripping surface to be up to 2” diameter, it is my opinion that there is no need to replace the existing handrails.

- Ramp edge protection does not meet ADAAG 4.8.7 as ramp does not have curbs and the bottom horizontal rail is 6.5" above the ramp surface. Install a 2" diameter bottom rail midway between the current bottom rail and the concrete surface. **Option #2b Estimated Cost: \$1,141.00**



Photo 5

1.5 Exterior Stairs

- North exterior exit stair: Per ADAAG 4.1.3 (4), because all levels of the building are connected by an elevator, stairs are not required to meet ADAAG 4.9.
- East exterior stair is a service stair and was not evaluated.

2 SERVICES

2.1 Building Entrances (exterior doors)

- Main (South) entrance doors (first floor) are accessible with automatic door opener operated by push pad controls. The interior push pad for this door is OK, but there is a trash can and a bench located too close to allow proper access to the push pad for wheelchair users. Relocate the trash can and move the bench back to allow a minimum 30" wide x 48" long clear space in front of the push pad.
- Rear (North) entrance door (ground floor) is wide enough and controlled via lever hardware, but this door is typically locked from the outside and is not considered a public entrance door. It is an accessible egress door as it has a ramp down to the north parking area.
- Rear (North) exterior door at first floor is an alarmed emergency egress door from the gym and is only accessible via exterior metal stairs. No ADA modifications required at this exit door.

- Side (East) doors at the gymnasium are egress doors only and have a 7" step down and therefore are not wheelchair accessible for egress. Per ADAAG 4.1.6 (1) (g), because this was an existing building when the ADA became law, alterations that have occurred since that time do not trigger the requirements for the number of accessible exits to equal the number of exits required by building code in new construction. It is recommended that if future modifications occur at these doors, an exterior ramp be added to create an additional accessible means of egress from the building.

2.2 Interior Accessible Route

- An accessible route is provided to all public spaces and accessible restrooms and all floors are accessible via elevator.

2.3 Interior Ramps

- None exist.

2.4 Interior Stairs

- All interior stairways: Per ADAAG 4.1.3 (4), because all levels of the building are connected by an elevator, stairs are not required to meet ADAAG 4.9.

2.5 Elevators

- Elevator meets requirements for size, controls and emergency communications.

2.6 Platform (wheelchair) Lifts

- None exist.

2.7 Doors (interior, excluding restroom doors addressed in 3.1 and non-public area doors)

- All interior doors to public spaces except for non-accessible restroom 207 meet ADAAG requirements for clear width and accessible hardware. Those doors with closing devices were typically testing at 7 – 8.5 lbs. of opening force and need to be adjusted to open with 5 lbs. opening force or less (approximately 7 doors total to adjust).
Estimated Cost: \$70.00

2.8 Places of Assembly (auditoriums, meeting rooms, gymnasiums, etc.)

- Exercise/Program Room 010, Kitchen/Craft Room 020, Meeting Room/Classroom 021, Gymnasium 112, Meeting Room 205 & Computer Room 209 are all wheelchair accessible.

2.9 Seating and Tables

- Computer Room 209 tables are wheelchair accessible.

2.10 Restaurant (including dining areas, snack bars & public use kitchens)

- Insulate the supply piping and P-trap under the open sink located in the countertop in Program Room 010. **Estimated Cost: \$75.00**

2.11 Business & Mercantile (public & administration areas)

- Service window countertop is located at 42" a.f.f. Per ADAAG 7.2 (2), install a minimum 3' long auxiliary or folding counter in the location of the fixed counter that is no higher than 36" a.f.f. **Estimated Cost: \$66.00**

2.12 Swimming Pools & Related Activities

- None exist.

2.13 Playgrounds & Related Areas

- None exist.

2.14 Ball Fields & Related Areas (including baseball, softball, soccer, etc.)

- None exist.

2.15 Shelter Structures (including picnic tables, b-b-q grilles, etc.)

- None exist.

2.16 Specialized Recreation (including tennis courts, skate parks, sand volleyball, etc.)

- None exist.

3 ACCESS TO PUBLIC AMENITIES

3.1 Restrooms

- Men's Locker Room 005 & Restroom 006:

- Door swings out into alcove that does not provide proper maneuvering clearance (41" depth provided, 48" depth required) per ADAAG 4.13.6 & Fig. 25 (c). Remove existing door and frame and reinstall existing frame modified as needed or install a new frame for reinstallation of the existing door so that it swings inward and is hinged on the north side jamb. Existing door closer would need to be adjusted to be operable with 5 lbs. of force or less. Other (more expensive) option is to install an automatic door operator at this door. **Estimated Cost: \$550.00**
- Relocate existing accessible restroom sign to the wall on the latch side of the door and mount at 60" a.f.f. to the centerline of the sign. **Estimated Cost: \$11.00**
- Existing garment hooks just inside the locker room are mounted too high for wheelchair access. Install two additional hooks at maximum 48" a.f.f. **Estimated Cost: \$28.00**
- Clear width of access path from Locker Room 005 to Restroom 006 does not meet requirements of ADAAG 4.3.3 (36" clear width required), but does provide minimum doorway width of 32" or greater. Because the existing 4'-1" deep passageway is created by a structural column on one side and plumbing wall on the other side, modification of this passageway to obtain at least 36" width is not technically feasible and therefore not required.
- Hand dryer and paper towel dispenser on south wall are considered protruding objects per ADAAG 4.4.1 and need to be relocated to another wall that is not within a passageway or install a barrier less than 27" below the protruding object that can be detected by blind or visually-impaired persons using a cane. **Estimated Cost: \$61.00**
- Mirrors are mounted at 41.5" a.f.f. which exceeds ADAAG 4.19.6 maximum mounting height of 40" a.f.f. Relocate one mirror to meet this requirement. **Estimated Cost: \$20.00**
- Soap dispenser at lavatory is 49" a.f.f. which exceeds ADAAG 4.27.3 maximum forward reach of 48" a.f.f. Relocate soap dispenser to meet this requirement. **Estimated Cost: \$20.00**
- Accessible toilet stall: Hook on inside of stall door is too high and should be mounted no higher than 48" a.f.f. Stall door is on wrong side of the stall and side grab bar is mounted in wrong location per ADAAG Fig. 30 (a). Reconfigure front stall panel to move door to open side of stall and move side grab bar so that it is between 10" – 12" from the back wall to the back end of the grab bar. **Estimated Cost: \$392.00**
- Accessible shower stall: Relocate shower head to be 18" from side wall to meet ADAAG 4.21.5 and Fig. 37 (a). **Estimated Cost: \$139.00**

- Women's Locker Room & Restroom 008:

- Door swings out into corridor and does not provide proper latch side clearance (16.5" provided, 18" required) per ADAAG 4.13.6 & Fig. 25 (a). Remove existing door and frame and cut out existing wall to the north to allow reinstallation of existing door and frame in order to obtain minimum 18" side clearance. Existing door closer would need to be adjusted to be operable with 5 lbs. of force or less. Other (more expensive) option is to install an automatic door operator at this door.
Estimated Cost: \$773.00
- Relocate existing accessible restroom sign from door to the wall on the latch side of the door and mount at 60" a.f.f. to the centerline of the sign.
Estimated Cost: \$11.00
- Existing garment hooks just inside the locker room are mounted too high for wheelchair access. Install two additional hooks at maximum 48" a.f.f.
Estimated Cost: \$28.00
- Hand dryer, paper towel dispenser and sanitary napkin dispenser on north wall are considered protruding objects per ADAAG 4.4.1 and need to be relocated to another wall that is not within a passageway or install a barrier less than 27" below the protruding object that can be detected by blind or visually-impaired persons using a cane.
Estimated Cost: \$92.00
- Access path between the lavatory countertop and the fixed benches is only 33" wide which is 3" shy of ADAAG 4.3.3 required minimum width of 36". Relocate the two fixed benches to obtain required access path width of 36".
Estimated Cost: \$210.00
- Mirrors are mounted at 42" a.f.f. which exceeds ADAAG 4.19.6 maximum mounting height of 40" a.f.f. Relocate one mirror to meet this requirement.
Estimated Cost: \$20.00
- Soap dispensers at lavatory are 50" a.f.f. which exceeds ADAAG 4.27.3 maximum forward reach of 48" a.f.f. Relocate at least one soap dispenser to meet this requirement.
Estimated Cost: \$20.00
- Accessible toilet stall: Hook on inside of stall door is too high and should be mounted no higher than 48" a.f.f. Stall door is on wrong side of the stall and side & rear grab bars are mounted in wrong location per ADAAG Fig. 30 (a). Reconfigure front stall panel to move door to open side of stall and move side grab bar so that it is between 10" – 12" from the back wall to the back end of the grab bar and move the rear grab bar such that it is 6" from the side wall to the end of the grab bar.
Estimated Cost: \$469.00
- Accessible shower stall: Wall on seat side of shower stall extends beyond the 36" deep stall by 5.5" and into the required clear space adjacent to the shower stall (see photo 6) which could restrict wheelchair transfer access. If this wall extension is not structural, remove the wall extension to be flush with the shower stall insert. Relocate shower head to be 18" from side wall to meet ADAAG 4.21.5 and Fig. 37 (a).
Estimated Cost: \$323.00

- Men's Restroom 109:

- Door does not provide proper latch side clearnace (4.5" provided, 18" required) per ADAAG 4.13.6 & Fig. 25 (a). Due to location of structural members and corridor egress clearance requirements, there is not room to move the door to obtain required side clearance. Only option to make this door accessible is to install an automatic door operator at this door.
Estimated Cost: \$5,525.00
- Relocate existing accessible restroom sign from door to the wall on the latch side of the door and mount at 60" a.f.f. to the centerline of the sign.
Estimated Cost: \$11.00
- Accessible toilet stall door approach required maneuvering space depth is only 36" due to location of wall (see photo 7). In order to obtain minimum required 48" depth at door to meet ADAAG Fig. 25 (a), the wall that separates the Restroom from Office 108 would have to be modified which would also require the door into Office 108 and likely the door into Janitor Closet 111 to also be relocated.
Estimated Cost: \$936.00
- Hand dryer and paper towel dispenser on north wall are considered protruding objects per ADAAG 4.4.1 and need to be relocated to another wall that is not within a passageway or install a barrier less than 27" below the protruding object that can be detected by blind or visually-impaired persons using a cane.
Estimated Cost: \$61.00
- Mirrors are mounted at 41.5" a.f.f. which exceeds ADAAG 4.19.6 maximum mounting height of 40" a.f.f. Relocate one mirror to meet this requirement.
Estimated Cost: \$20.00
- Accessible toilet stall: Side grab bar is mounted in wrong location per ADAAG Fig. 30 (a). Move side grab bar so that it is between 10" – 12" from the back wall to the back end of the grab bar. Additionally, the toilet paper dispenser is mounted beyond the maximum allowable distance from the back wall (can be no further than 36" from rear wall per ADAAG Fig. 30 (d)). Relocate TPD as required.
Estimated Cost: \$97.00
- Women's Restroom 110:
 - Adjust door closer to operate with 5 lbs. force or less.
Estimated Cost: \$10.00
 - Relocate existing accessible restroom sign from door to the wall on the latch side of the door and mount at 60" a.f.f. to the centerline of the sign.
Estimated Cost: \$11.00
 - Hand dryer, paper towel dispenser and sanitary napkin dispenser on south wall are considered protruding objects per ADAAG 4.4.1 and need to be relocated to another wall that is not within a passageway or install a barrier less than 27" below the protruding object that can be detected by blind or visually-impaired persons using a cane.
Estimated Cost: \$92.00
 - Mirrors are mounted at 41.5" a.f.f. which exceeds ADAAG 4.19.6 maximum mounting height of 40" a.f.f. Relocate one mirror to meet this requirement.
Estimated Cost: \$20.00
- Accessible toilet stall: Toilet fixture is mounted @ 17" from the side wall to the center of the fixture. ADAAG Fig. 30 (a) requires toilet to be 18" off of side wall.

Because the recently published 2010 Standards for Accessible Design (New ADAAG) now allows a range of 16" – 18", I consider this to be acceptable. Toilet paper dispenser and sanitary napkin dispenser is mounted beyond the maximum allowable distance from the back wall (can be no further than 36" from rear wall per ADAAG Fig. 30 (d)). Relocate TPD & SND as required.

Estimated Cost: \$40.00

- Men's Restroom 207:
 - This restroom is not wheelchair accessible as it is too small and requires a step up to access the room.
- Employee Unisex Restroom 208:
 - This restroom is not wheelchair accessible as it is too small.



Photo 6



Photo 7

3.2 Bathtub & Showers (including locker rooms and dressing rooms)

- Evaluation of locker rooms and showers are included in 3.1 above.

3.3 Drinking Fountains

- Drinking fountains are located on the ground floor and the first floor and both meet the requirements of ADAAG 4.15.

3.4 Signage

- Rooms and Offices are not marked by permanent signage and such signage is not required by ADAAG. Restroom signage is addressed in 3.1 above.

4 BARRIER REMOVAL - OTHER

4.1 Alarms

- The only alarm system components identified in the building were a fire alarm panel in the lobby, an old bell type alarm device mounted in Stair 106 landing and several stand-alone smoke detectors. Per ADAAG 4.1.6(b), only if the existing alarm system is upgraded or replaced as part of a future project would the alarm system have to be updated to meet the alarm requirements of ADAAG 4.1.3 (14).

4.2 Public Telephones

- One public use phone exists in the first floor lobby. Phone is wall mounted with highest operable part at 53" a.f.f. and provides clear floor space for side reach access. Phone is push button, but is not hearing aid compatible and does not have volume control per ADAAG 4.31.5. If phone was installed prior to 1990, it does not have to be modified to meet ADAAG until it is moved or upgraded in a future project.

4.3 Protruding Objects

- Defibrillator unit mounted on west lobby wall and brochure holder on east lobby wall both project beyond 4" and are considered protruding objects per ADAAG 4.4.1 and need to be relocated to another wall that is not within a passageway or install a barrier less than 27" below the protruding object that can be detected by blind or visually-impaired persons using a cane. **Estimated Cost: \$61.00**

4.4 Work Areas

- All administrative areas and offices are accessible per ADAAG 4.1.1 (3).

4.5 Miscellaneous

- Wall-mounted brochure holders located on either side of the main entrance doors are mounted too high for wheelchair access. Lower these brochure holders to be 48" a.f.f or lower or distribute the information in those holders to be available in an accessible location elsewhere (on a table in the lobby, in the lower brochure holders on the east wall, etc.).

5.0 Cost Estimate & Notes

- Total facility cost estimate for ADA modifications which include Option #1 (replacement of north exterior ramp and rails) is **\$33,368.00**.
- Total facility cost estimate for ADA modifications which exclude Option #1 and include Option #2a & 2b (add handrail and install lower horizontal rail) is **\$16,247.00**.

Qty	CSI Number	Description	Crew	Daily Output	Labor Hours	Unit	Bare Mat.	Bare Labor	Bare Equip.	Total	Total Incl. O&P
1,300.000	32121 614 0300	Asphaltic concrete, parking lots & driveways, base	B25C	35,000	0.001	S.F.	715.00	65.00	78.00	858.00	988.00
30.000	32121 614 1140	Asphaltic concrete, parking lots & driveways, cold	B51	3,000	0.016	S.F.	23.70	15.30	2.70	41.70	54.00
1.500	12355 013 5600	Casework, school cabinets, wood, custom fabricat	2 Carp	56	0.286	L.F.	34.50	17.18	0.00	51.68	66.00
2.000	08050 510 2000	Door demolition, door frames, metal, remove and i	1 Carp	8	1	Ea.	0.00	77.00	0.00	77.00	126.00
2.000	08050 510 2000	Door demolition, door frames, metal, remove and i	1 Carp	8	1	Ea.	0.00	77.00	0.00	77.00	126.00
2.000	08050 510 1520	Door demolition, interior door, 1-3/8" thick, remove	1 Carp	6	1.333	Ea.	0.00	102.00	0.00	102.00	168.00
2.000	08050 510 1520	Door demolition, interior door, 1-3/8" thick, remove	1 Carp	6	1.333	Ea.	0.00	102.00	0.00	102.00	168.00
1.000	08711 310 1450	Door hardware, automatic openers, commercial, e	2 Skwk	0.8	20	Oprg.	3,200.00	785.00	0.00	3,985.00	4,775.00
1.000	08711 310 1750	Door hardware, automatic openers, commercial, f	1 Carp	1.5	5.333	Pr.	380.00	205.00	0.00	585.00	750.00
2.000	08712 030 9000	Door hardware, door closer, minimum labor/equip	1 Carp	4	2	Job	0.00	153.00	0.00	153.00	252.00
2.000	08712 030 5040	Door hardware, door closer, rack and pinion, for delayed action, add	1 Carp	20	0.4	Ea.	73.00	0.00	0.00	73.00	80.00
2.000	22413 910 4144	Faucets/fittings, shower, hand held, wall mount, ac	1 Plum	4	2	Ea.	294.00	36.10	0.00	330.10	380.00
2.000	22050 510 6100	Fixture, plumbing, remove and reset, maximum	1 Plum	15	1.067	Ea.	0.00	180.00	0.00	180.00	278.00
2.000	08121 320 0460	Frames, steel, wrap around, 16 ga., 6-1/4" x 7'-0"	2 Carp	965	0.017	Ea.	304.00	80.00	0.00	384.00	464.00
10.000	09291 030 2050	Gypsum wallboard, on walls, standard, taped & fin	2 Carp	32	0.25	Ea.	18.50	11.25	0.00	29.75	38.00
1.000	22071 910 2945	Insulation, insulated protectors (ADA), for exopsec	1 Plum	32	0.25	Ea.	17.60	11.25	0.00	28.85	36.50
1.000	22071 910 2965	Insulation, insulated protectors (ADA), for exopsec	1 Plum	32	0.25	Ea.	17.60	11.25	0.00	28.85	36.50
27.000	02411 333 4200	Minor site demolition, masonry pavers, concrete, n	B6	150	0.16	S.Y.	0.00	148.50	65.34	213.84	310.50
1.000	02411 333 4290	Minor site demolition, masonry pavers, excludes h	B39	12	4	Job	0.00	133.00	20.00	153.00	239.00
100.000	09912 372 1200	Paints & Coatings, walls & ceilings, interior, concr	1 Pord	510	0.016	S.F.	28.00	42.00	0.00	70.00	96.00
20.000	09912 372 1200	Paints & Coatings, walls & ceilings, interior, concr	1 Pord	510	0.016	S.F.	5.60	8.40	0.00	14.00	19.20
10.000	09912 372 1200	Paints & Coatings, walls & ceilings, interior, concr	1 Pord	510	0.016	S.F.	2.80	4.20	0.00	7.00	9.60
100.000	09211 633 3400	Partition Wall, interior, standard, taped both sides,	2 Carp	300	0.053	S.F.	87.00	158.00	0.00	245.00	356.00
20.000	09211 633 3400	Partition Wall, interior, standard, taped both sides,	2 Carp	300	0.053	S.F.	17.40	31.60	0.00	49.00	71.20
2.000	10211 313 1400	Partitions, toilet, cubicles, floor & ceiling anchored, incl. 52" grab bars, for handicap units, add	1 Cefi	100	0.08	Ea.	574.00	0.00	0.00	574.00	630.00
20.000	01931 303 1015	Patching concrete, floors, small areas, epoxy grou	A2	25,000	0.001	S.F.	163.00	56.00	0.00	219.00	266.00
200.000	32172 314 0790	Pavement markings, layout of pavement marking	B78	440	0.109	Stall	0.00	6.00	2.00	8.00	12.00
10.000	32172 314 0800	Pavement markings, parking stall, paint, white, 4"	B78	440	0.109	Stall	0.00	6.00	2.00	8.00	12.00
0.000	22111 344 1780	Pipe, steel, galvanized, threaded, 2" diam., to 4" diam., schedule 40,	Q1	64	0.25	L.F.	637.56	284.62	0.00	922.18	1,140.98
48.000	22111 344 1360	Pipe, steel, galvanized, threaded, 2", schedule 40,	E4	176	0.182	L.F.	167.05	122.85	11.57	301.47	422.50
13.000	05521 350 0940	Railing, pipe, steel, wall rail, primed, 1-1/2" dia, sh	1 Clab	4	2	Job	0.00	63.00	0.00	63.00	104.00
1.000	02411 916 8500	Selective demolition, cutout, remove, minimum lab	1 Clab	4	2	Job	0.00	63.00	0.00	63.00	104.00
1.000	02411 916 8500	Selective demolition, cutout, remove, minimum lab	1 Clab	4	2	Job	0.00	63.00	0.00	63.00	104.00
2.000	02411 916 7410	Selective demolition, cutout, wood frame, walls, st	1 Clab	7	1.143	Ea.	0.00	73.00	0.00	73.00	119.00
1.000	02411 916 7410	Selective demolition, cutout, wood frame, walls, st	1 Clab	7	1.143	Ea.	0.00	36.50	0.00	36.50	59.50
243.000	32061 010 0310	Sidewalks, driveways, and patios, sidewalk, concr	B24	600	0.04	S.F.	408.24	354.78	0.00	763.02	1,020.60
243.000	32061 010 0450	Sidewalks, driveways, and patios, sidewalks, conc	B18	2,500	0.01	S.F.	128.79	75.33	4.86	208.98	268.73
1.000	32061 010 9000	Sidewalks, driveways, and patios, sidewalks, drive	D1	2	8	Job	0.00	287.00	0.00	287.00	465.00
5.000	10145 320 1500	Signs, 10'-0", excludes posts, add to above for site	B80	200	0.16	Ea.	162.50	27.25	20.10	209.85	247.50
1.000	10142 313 1010	Signs, flexible door sign, adhesive back, w/Braille,	1 Clab	32	0.25	Ea.	26.50	8.05	0.00	34.55	42.50
5.000	10145 320 0600	Signs, guide and directional signs, reflectorized, 1'	B80	70	0.457	Ea.	207.50	78.25	57.25	343.00	415.00
0.500	12934 313 9000	Site seating, benches, minimum labor/equipment c	2 Clab	2	8	Job	0.00	128.00	0.00	128.00	210.00
37.000	03305 340 4525	Structural concrete, in place, handicap access ram	C14H	12.22	3.928	L.F.	9,398.00	5,069.00	98.42	14,565.42	18,685.00
4.000	10281 313 1310	Toilet Accessories, grab bars, straight, satin finish	1 Carp	18	0.444	Ea.	172.00	71.40	0.00	243.40	308.00
4.000	10281 313 3000	Toilet Accessories, mirror, 18" x 24", with stainless	1 Carp	20	0.4	Ea.	226.00	64.20	0.00	290.20	356.00
4.000	10281 313 4300	Toilet Accessories, robe hook, regular, single	1 Carp	36	0.222	Ea.	46.60	35.80	0.00	82.40	110.00
10.000	10261 610 3100	Wallguard, handrail/bumper, vinyl cover, aluminum	1 Carp	80	0.1	L.F.	220.00	40.20	0.00	260.20	305.00
2.000	10261 610 3100	Wallguard, handrail/bumper, vinyl cover, aluminum	1 Carp	80	0.1	L.F.	44.00	8.04	0.00	52.04	61.00
100.000	09050 530 2300	Walls and partitions demolition, metal or wood stuc	B1	520	0.046	S.F.	0.00	116.00	0.00	116.00	190.00
Totals										\$27,767.02	\$35,539.61
							\$17,841.84	\$9,550.54	\$374.64	\$27,767.02	\$35,539.61



RECOMMENDED LOCATION FOR NEW ADA PARKING SPACES

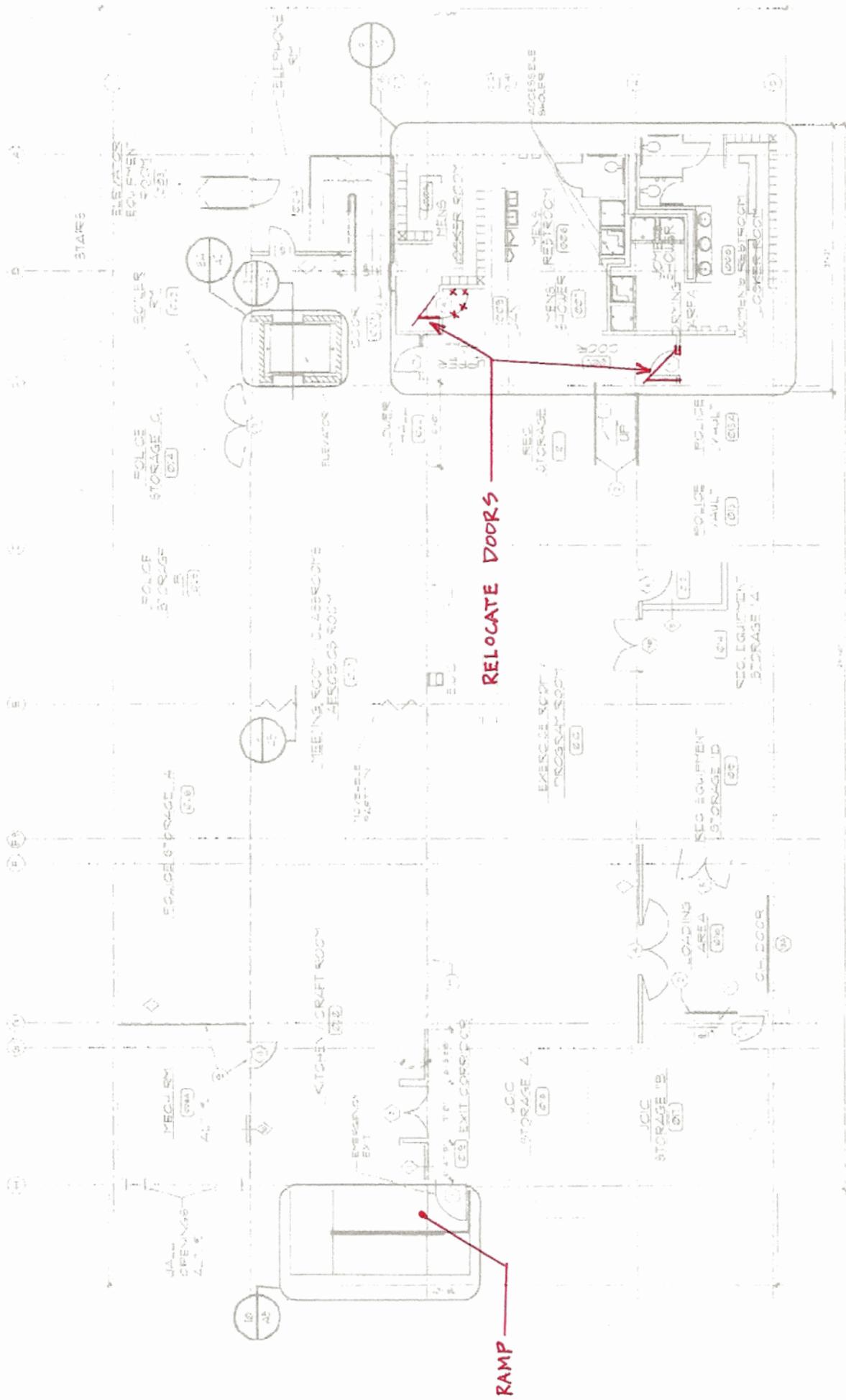
701 E Ash St, Columbia, MO 65201



© 2010 Google
Image © 2010 DigitalGlobe

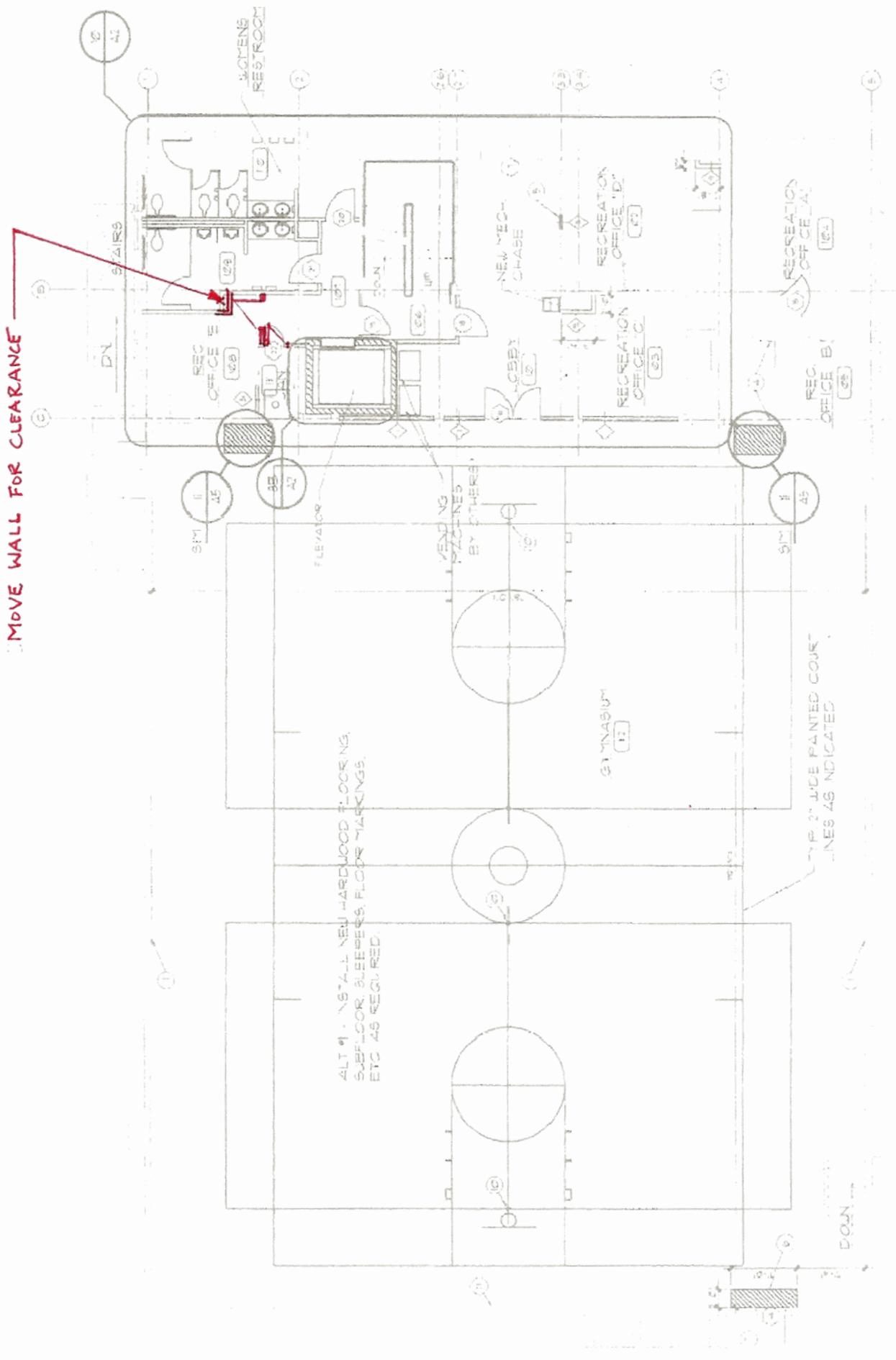
38°57'14.51"N 92°19'43.91"W elev 223 m
Date: Jun 23, 2008
Eye alt 472.1



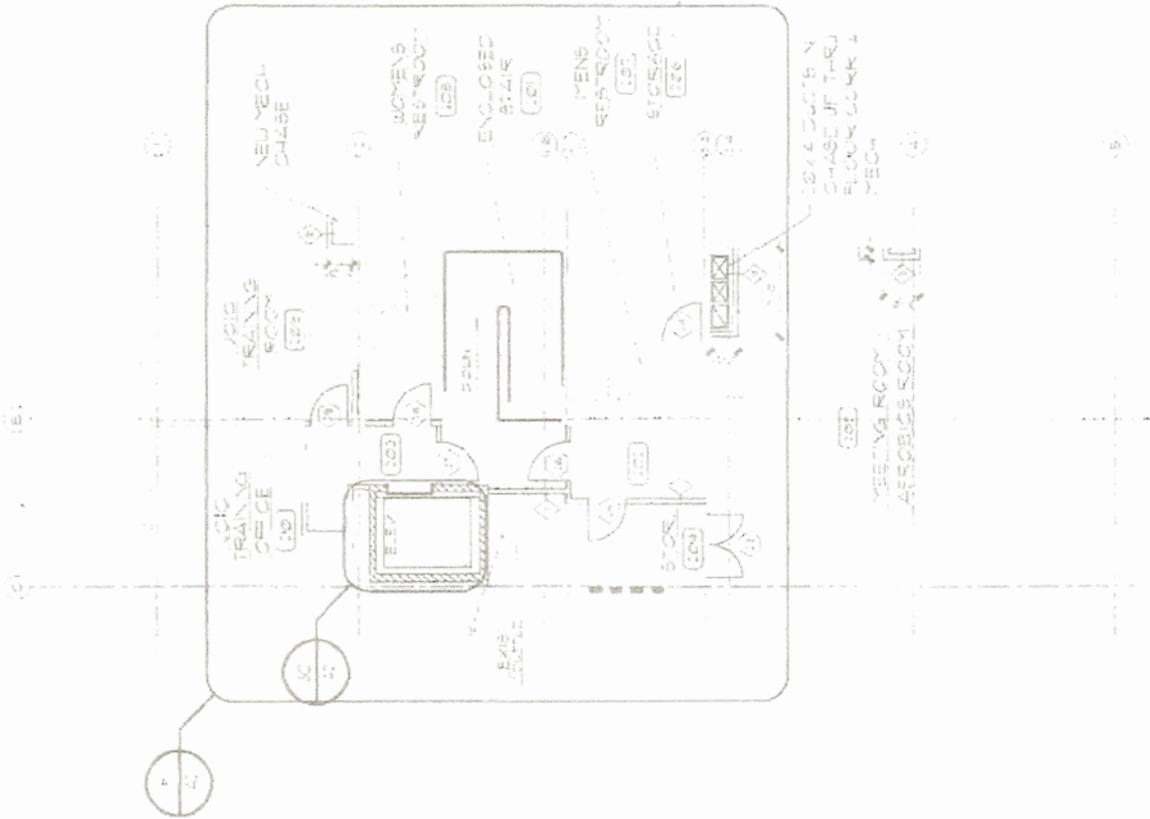


GROUND FLOOR - NEW WORK
SCALE 1/8" = 1'-0"

MOVE WALL FOR CLEARANCE



FIRST FLOOR - NEW WORK
SCALE 1/8" = 1'-0"



OPEN TO BELOW



SECOND FLOOR - NEW WORK
SCALE 1/8" = 1'-0"

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