

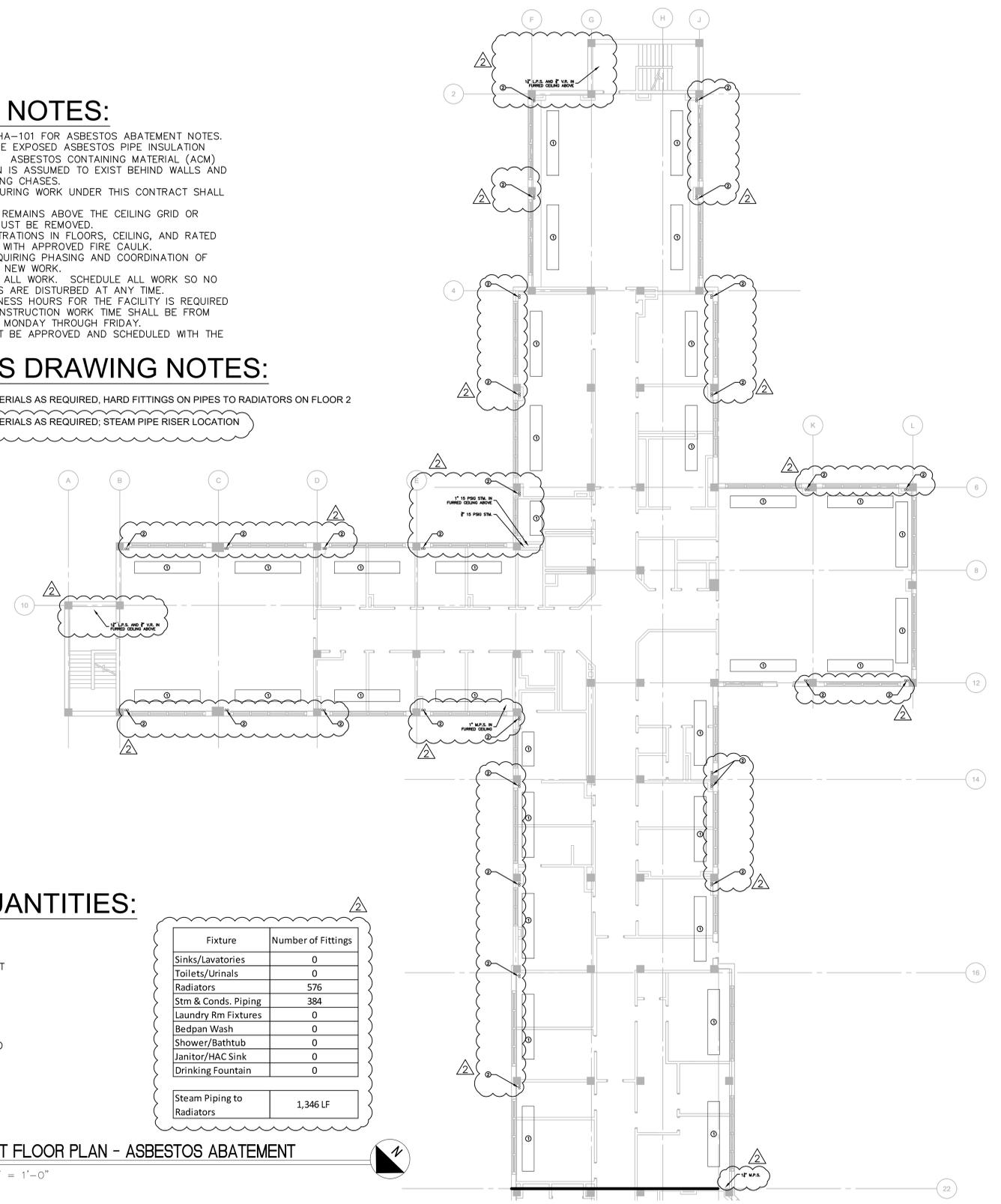
three inches = one foot  
 one and one half inches = one foot  
 one inch = one foot  
 three quarters inch = one foot  
 one half inch = one foot  
 three eighths inch = one foot  
 one quarter inch = one foot  
 one eighth inch = one foot

### GENERAL NOTES:

1. REFER TO DRAWING HA-101 FOR ASBESTOS ABATEMENT NOTES.
2. THE MAJORITY OF THE EXPOSED ASBESTOS PIPE INSULATION HAS BEEN REMOVED. ASBESTOS CONTAINING MATERIAL (ACM) AND PIPE INSULATION IS ASSUMED TO EXIST BEHIND WALLS AND IN ENCLOSED PLUMBING CHASES.
3. ALL ACM EXPOSED DURING WORK UNDER THIS CONTRACT SHALL BE REMOVED.
4. SOME EXPOSED ACM REMAINS ABOVE THE CEILING GRID OR HARD CEILING AND MUST BE REMOVED.
5. FILL ALL HOLE PENETRATIONS IN FLOORS, CEILING, AND RATED WALLS THAT REMAIN WITH APPROVED FIRE CAULK.
6. OCCUPIED FLOOR REQUIRING PHASING AND COORDINATION OF ALL DEMOLITION AND NEW WORK.
7. LIMITED ACCESS FOR ALL WORK. SCHEDULE ALL WORK SO NO MORE THAN 2 ROOMS ARE DISTURBED AT ANY TIME.
8. AFTER NORMAL BUSINESS HOURS FOR THE FACILITY IS REQUIRED IN THESE AREAS, CONSTRUCTION WORK TIME SHALL BE FROM 5:00PM TO 5:00 AM MONDAY THROUGH FRIDAY.
9. WEEKEND WORK MUST BE APPROVED AND SCHEDULED WITH THE FACILITY.

### ASBESTOS DRAWING NOTES:

- ① REMOVE ASBESTOS MATERIALS AS REQUIRED, HARD FITTINGS ON PIPES TO RADIATORS ON FLOOR 2
- ② REMOVE ASBESTOS MATERIALS AS REQUIRED; STEAM PIPE RISER LOCATION

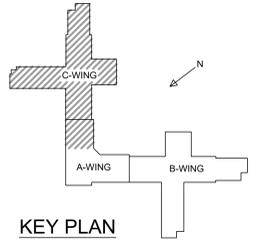


### ESTIMATED REMOVAL QUANTITIES:

1. SINKS/LAVATORIES – FOUR (4) FITTINGS AT EACH LOCATION.
2. TOILETS – TWO (2) FITTINGS AT EACH LOCATION.
3. URINALS – TWO (2) FITTINGS AT EACH LOCATION.
4. RADIATORS – NINE (9) FITTINGS EXPOSED AND CONCEALED AT EACH RADIATOR.
5. STEAM AND CONDENSATE PIPING – SIX (6) FITTINGS AT EACH RADIATOR.
6. STEAM AND CONDENSATE PIPING – THIRTY (30) LINEAL FEET FOR EACH STEAM AND CONDENSATE PIPE CONCEALED WITHIN THE WALL OR CHASE.
7. CLINICAL SINK, BEDPAN WASH AND LAUNDRY SUPPLIES – TWO (2) FITTINGS AT EACH FIXTURE AND LOCATION.
8. SHOWER, BATHTUB, JANITOR SINK – FOUR (4) FITTINGS AT EACH FIXTURE LOCATION.
9. DRINKING FOUNTAIN – ONE (1) AT EACH LOCATION.
10. MIXING VALVE – SIX (6) FITTINGS AT EACH LOCATION.

Fixture	Number of Fittings
Sinks/Lavatories	0
Toilets/Urinals	0
Radiators	576
Strm & Conds. Piping	384
Laundry Rm Fixtures	0
Bedpan Wash	0
Shower/Bathtub	0
Janitor/HAC Sink	0
Drinking Fountain	0
Steam Piping to Radiators	1,346 LF

1 PART FIRST FLOOR PLAN - ASBESTOS ABATEMENT  
 HA-100 SCALE: 3/32" = 1'-0"



<b>CONSULTANTS:</b> Altus Architectural Studios, Inc. 12925 W. Dodge Road Omaha, Nebraska 68154 American Structurespoint, Inc. 7260 Shadeland Station Indianapolis, IN 46256			Avanti Environmental Group 309 North Water Street Suite 650 Milwaukee, WI 53202 Middleton Construction Consulting 330 East Kilbourn Ave Suite 565 Milwaukee, WI 53202			Specialized Engineering Solutions, Inc. 10360 Ellison Circle Omaha, Nebraska 68134			<b>ARCHITECT/ENGINEERS:</b> 13100 watertown plank road suite 200 elm grove, wi 53122  Nagel Architects Project Number: 140701			Drawing Title PART FIRST FLOOR PLAN ASBESTOS ABATEMENT DOMESTIC WATER PIPING & MECHANICAL Approved Project Director - - -			Project Title RENOVATE 3 WARDS OF CLC IN BLDG 134 Location Captain James A. Lovell FHCC, North Chicago, IL Date June 1, 2016			Project Number 556-14-01 Building Number BLDG 134, WARDS 2C, 3A, 3B, 3C Drawing Number <b>HA-100</b> Dwg 005 of 146			100% Bid Documents Office of Construction and Facilities Management 		
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