



**H E W I T T**  
**WASHINGTON**  
 &  
**ASSOCIATES**  
 architects + planners  
 (a professional corporation)

**ADDENDUM NO. 2**

Date February 6, 2009  
 Hewitt-Washington and Associates  
 Architects and Planners  
 6305 Elysian Fields  
 Suite 305  
 New Orleans, LA 70122

PROJECT DATE: November 05, 2008

**PROJECT: RENOVATIONS TO WASHINGTON HEIGHTS HOUSING DEVELOPMENT**

**THE FOLLOWING CHANGES, DELETIONS AND/OR ADDITIONS TO THE PROJECT MANUAL AND DRAWINGS SHALL BECOME A PART OF THE CONTRACT DOCUMENTS.**

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**PERTAINING TO SPECIFICATIONS**

**Item No. 1**

**The specifications call for use of EMT for all concealed indoor circuitry. Is type MC cable or romex acceptable?**

Clarification: Add to Specification Section 16100: 1.03, Q.  
 EMT shall be used only from the outside meter thru the brick wall and Romex after entry into the apartment with 75 degree insulation.

**Item No. 1a**

Delete: Specification section 12352  
 Insert: The attached specification section 12356

**Item No. 2**

**Keynotes 100-6&7 / Telephone/data/cable connections**

Clarification: Add to Specification Section 16100(1.04) L  
 Telephone: wiring shall be of low voltage communication wire  
 Cable shall be of Coaxial RG6. See attached Partial plans Marked addendum #2, attachments, N, O, P, and Q.

**Item No. 3**

**Keynote 100-38 call for electrical range.**

Delete: Delete note 100-38 in its entirety  
 Insert: Install new 30" gas range with four burners and oven. Owner furnished and contractor installed.

**PERTAINING TO DRAWINGS**

**Item No. 4**

**Sheet C-2**  
**Note 100-33 and 100-39**

Delete: Delete notes 100-33 and 100-39 in their entirety.

**Item No. 5**

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**Sheet C-2**  
**Note 123-24 and 123-25**

Delete: Delete notes 123-24 and 123-25 in their entirety.

**Item No. 6**  
**SHEET A-14**  
**SECTION 1/A-14**

MODIFICATION: Add 3~ 2 X 8 wood joist under HVAC units. Typical at all units.

**Item No. 7**  
**SHEET M-1.1**

DELETE: Air handling units schedule, air cooled condensing units, and electric heater schedule.

INSERT: The attached Air handling units' schedule, air cooled condensing units, and electric heater schedule marked Addendum #2, Attachment "F", and dated February 6, 2009.

**Item No. 8**

CLARIFICATION: Fire stats shall be required for all A/C units, and residential units shall not require air ducts thru roof.

**Item No. 8**

CLARIFICATION: Conduits shall not be required inside of the units, provided that romex is used with degree insulation. However; conduit must be used at exterior wall penetrations.

**Item No. 10**

CLARIFICATION: Electrical sub-feeders shall be copper.

**Item No. 11**  
**SHEET E-1.1**

CLARIFICATION: [M] represents a meter for area lights.

**Item No. 12**  
**Sheet E-1.1**

Delete: The note "Site lighting to be an alternate #2 to base bid"  
Insert: All work related to site lighting shall be included in alternate number 3.

**Item No. 13**  
**SHEET E-1.1**

DELETE: Site lighting riser diagram.

INSERT: The attached site lighting riser diagram, marked Addendum #2, Attachment "G", and dated February 6, 2009.

**Item No. 14**  
**SHEET E-1.2**

DELETE: Panel "B" schedule for building "G".

INSERT: The attached Panel "B" schedule for building "G", marked Addendum #2, Attachment "H", and dated February 6, 2009.

**Item No. 15**  
**SHEET E-1.2**

DELETE: Electrical Legend.

INSERT: The attached electrical legend marked Addendum #2, Attachment "J", and dated February 6, 2009.

**Item No. 16**  
**SHEET E-1.3**

CLARIFICATION: All group metering shall include breakers.

**Item No. 17**  
**SHEET E-1.3**

DELETE: Riser diagram for building "H", 3 bedroom apartments and 2 bedroom apartments.

INSERT: The attached diagram for building "H", 3 bedroom apartments and 2 bedroom apartments, marked Addendum #2, Attachment "K", and dated February 6, 2009.

**Item No. 18**  
**SHEET E-1.3**

DELETE: Service diagram for units 49 and 50, building "G".

INSERT: The attached service diagram for units 49 and 50, building "G", marked Addendum #3, Attachment "L", and dated February 6, 2009.

**Item No. 19**

CLARIFICATION: A 150A breaker shall use #1/0 copper wire and a 175A breaker shall use #2/0 copper wire. Grounding shall be as follows: Buildings A, B, C, E, F, H, I AND K shall be grounded with #1/0 copper and buildings D, G and J shall be grounded with #2/0 copper.

**Item No. 20**

CLARIFICATION: The main water line is underground along the rear of the units. The contractor shall uncover the location where the tie-in is and reconnect the supply line to the main water line for the buildings with new copper lines for all units. This connection shall be enclosed in a NDS 7" valve box model #107BC, this connection shall include a shut-off valve in each box. All water piping below the ceiling shall be replaced with new copper lines. See the attached partial plan marked Addendum #2, Attachment "M", and dated February 6, 2009.

**Item No. 21**

CLARIFICATION: The contractor shall replace the entire line from the main gas supply to the building, installing new gas valve and drip legs for each apartment.

**Item No. 22**

CLARIFICATION: There are no fire hydrants in this contract. However, all hose bibs shall be replaced with new 3/4" hose bibs. Hose bibs shall be installed at each apartment and one at the maintenance unit.

**Item No. 23**

CLARIFICATION: All water heaters shall be elevated 6 1/4" from finish floor. The platform to achieve this elevation shall be treated 2X6 wood framing members around the perimeter of the platform, one treated 2X6 framing member in the center and 3/4" treated plywood platform. This platform shall cover the entire floor of the closet housing the water heater.

**Item No. 24**

CLARIFICATION: The 1/4" water line for the ice maker shall terminate in a plastic box with shut-off valve.

**Item No. 25**

**All panels schedules call for N3R panels. The drawings show all panels mounted interior flush mounted.**

Clarification: N3R or Square "D" acceptable

**Item No. 26**

**Provide specifications on panel board construction/metering centers. Are load centers acceptable?**

Clarification: YES.

**Item No. 27**

**Provide model #'s for specified light fixtures. Many do not have manufacturer model # or symbols schedules.**

Clarification: P-4961-30 W/2-23 watt Fluorescent screw in bulbs. See schedule attached on design plans

**Item No. 28**

**SHEET A-1: On sheet A -1, General Site Note 2 refers to the plumbing drawings for site drainage repairs and clean out. The plumbing drawings contain no site drainage repair or clean out information. Please provide information needed for this scope work.**

Clarification: See Plumbing Specifications

**Item No. 29**

**On page C-2, Key Note 3 states "remove old gas pipe and install new gas pipe." Please provide clarification on which appliances will be gas operated.**

Clarification: Ranges only

**Item No. 30**

**On sheet C-2, Key Note 3 refers to the plumbing drawings for information on removing and installing new gas lines. The plumbing drawings show no information on removing and installing new gas lines. Please provide information needed for this scope of work.**

Clarification: See Specifications – 15450.0 – 3.06 - Gas Systems and 3.10 – Testing of Piping

**Item No. 31**

**In the plumbing section of the specification a rear flushing, wall mount siphon set toilet is called for. Such a toilet would require a 1" waterline with a 1' flushometer valve. Is this specification correct? If this specification is correct please note that the waterline would need to be a 1" waterline and the toilets are roughed in now for a standard toilet only.**

Clarification: Water closets shall be tank top floor mounted, Allow \$250.00 for each water closet.

**Item No. 32**

**In section 15410 of the plumbing specification, 2.3 A specifies PVC sewer pipe and fittings, and section 15450, 2.03 1a and 2a specify cast iron pipe and fittings. Please clarify which type materials are to be used for pipes and fittings.**

Clarification: Add to specifications in Section 15410 - 2.03. PVC pipe is acceptable.

**END OF ADDENDUM**

## SECTION 12356 - RESIDENTIAL CASEWORK

### PART 1 - GENERAL

#### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

#### 1.2 SUMMARY

- A. This Section includes the following:
  - 1. Kitchen cabinets.
  - 2. Vanity cabinets.
  - 3. Plastic-laminate countertops and backsplashes.
- B. Related Sections include the following:
  - 1. Division 11 Section "Residential Appliances" for appliances.
  - 2. Division 15 Section "Plumbing Fixtures" for sinks and plumbing fittings.

#### 1.3 DEFINITIONS

- A. Exposed Surfaces of Cabinets: Surfaces visible when doors and drawers are closed,
- B. Semiexposed Surfaces of Cabinets: Surfaces behind opaque doors or drawer fronts, including interior faces of doors and interiors and sides of drawers. Bottoms of wall cabinets are defined as "semiexposed."
- C. Concealed Surfaces of Cabinets: Surfaces not usually visible after installation, including sleepers, web frames, dust panels, bottoms of drawers, and ends of cabinets installed directly against and completely concealed by walls or other cabinets. Tops of wall cabinets and utility cabinets are defined as "concealed."

#### 1.4 SUBMITTALS

- A. Product Data: For the following:
  - 1. Cabinets.
  - 2. Plastic-laminate countertops.
  - 3. Cabinet hardware.
- B. Shop Drawings: For cabinets and countertops. Include plans, elevations, details, and attachments to other work. Show materials, finishes, filler panels, hardware, edge and backsplash profiles, methods of joining countertops, and cutouts for plumbing fixtures.

- C. Samples for Initial Selection: For each type of material exposed to view.
  
- D. Samples for Verification:
  - 1. Wood-veneered panels with transparent finish, 8 by 10 inches (200 by 250 mm), for each species.
  - 2. Solid wood with transparent finish, 50 sq. in. (300 sq. cm), for each species.
  - 3. Solid wood trim with transparent finish, 8 inches (200 mm) long, for each species.
  - 4. Vinyl-faced panels for cabinet interior finish, 8 by 10 inches (200 by 250 mm).
  - 5. Thermoset decorative panels for cabinet interior finish, 8 by 10 inches (200 by 250 mm).
  - 6. Plastic laminate for countertops, 8 by 10 inches (200 by 250 mm).
  - 7. Exposed hardware, for each type of item.
  - 8. One full-size, 16 inches (406 mm) wide, finished base cabinet complete with hardware, doors, and drawers but without countertop. [ Sample will be returned to Contractor for use on Project.
  - 9. One full-size, 12 inches (304 mm) wide, finished wall cabinet complete with hardware, doors, and adjustable shelves. Sample will be returned to Contractor for use on Project. One full-size plastic-laminate countertop, with backsplash, 8 by 10 inches (200 by 250 mm), in configuration specified.
  
- E. Product Certificates: Signed by manufacturers of casework certifying that products furnished comply with requirements.

#### 1.5 QUALITY ASSURANCE

- A. Manufacturer Qualifications: A qualified manufacturer that is certified for chain of custody by an FSC-accredited certification body.
  
- B. Source Limitations for Cabinets: Obtain cabinets through one source from a single manufacturer.
  
- C. Product Options: Drawings indicate size, configurations, and finish material of cabinets by referencing designated manufacturer's catalog numbers. Other manufacturers' cabinets of similar sizes and door and drawer configurations, same finish material, and complying with the Specifications may be considered. Refer to Division 1 Section "Product Requirements."
  
- D. Quality Standards: Unless otherwise indicated, comply with the following standards:
  - 1. Cabinets: KCMA A161.1.
    - a. KCMA Certification: Provide cabinets with KCMA's "Certified Cabinet" seal affixed in a semiexposed location of each unit and showing compliance with the above standard.
  
  - 2. Plastic-Laminate Countertops: KCMA A161.2.

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1.6 PROJECT CONDITIONS

- A. Environmental Limitations: Do not deliver or install casework until building is enclosed, wet-work is complete, and HVAC system is operating and maintaining temperature and relative humidity at occupancy levels during the remainder of the construction period.
- B. Established Dimensions: Where casework is indicated to fit to other construction, establish dimensions for areas where casework is to fit. Coordinate construction to ensure that actual dimensions correspond to established dimensions. Provide fillers and scribes to allow for trimming and fitting.
- C. Field Measurements: Where casework is indicated to fit to existing construction, verify dimensions of existing construction by field measurements before fabrication and indicate measurements on Shop Drawings. Provide fillers and scribes to allow for trimming and fitting.
- D. Field Measurements for Countertops: Verify dimensions of countertops by field measurements after base cabinets are installed but before countertop fabrication is complete.

1.7 COORDINATION

- A. Coordinate layout and installation of blocking and reinforcement in partitions for support of casework.
- B. Coordinate locations of utilities that will penetrate countertops or backsplashes.

PART 2 - PRODUCTS

2.1 CABINET MATERIALS

- A. General:
  - 1. Certified Wood Materials: Fabricate cabinets with wood and wood-based products produced from wood obtained from forests certified by an FSC-accredited certification body to comply with FSC STD-01-001, "FSC Principles and Criteria for Forest Stewardship."
  - 2. Adhesives: Do not use adhesives that contain urea formaldehyde.
  - 3. Hardwood Lumber: Kiln dried to 7 percent moisture content.
  - 4. Softwood Lumber: Kiln dried to 10 percent moisture content.
  - 5. Hardwood Plywood: HPVA HP-1, made with adhesive containing no urea formaldehyde.
  - 6. Hardboard: AHA A135.4, Class 1 Tempered.
- B. Exposed Materials:
  - 1. Exposed Wood Species: Oak

- a. Select materials for compatible color and grain. Do not use two adjacent exposed surfaces that are noticeably dissimilar in color, grain, figure, or natural character markings.
  - b. Staining and Finish: **As selected by Architect from manufacturer's full range.**
2. Solid Wood: Clear hardwood lumber of species indicated, free of defects.
- C. Semiexposed Materials: Unless otherwise indicated, provide the following:
1. Plywood: Hardwood plywood with Grade C faces and not less than Grade 3 backs of same species as faces. Face veneers of same species as exposed surfaces.
- D. Concealed Materials: Solid wood or plywood, of any hardwood or softwood species, with no defects affecting strength or utility; particleboard; medium-density fiberboard; or hardboard.

## 2.2 CABINET HARDWARE

- A. General: Manufacturer's standard units complying with BHMA A156.9, of type, size, style, material, and finish [**as indicated by manufacturer's designations**] [**matching Architect's samples**] [**as selected by Architect from manufacturer's full range**].
- B. Pulls: [**Surface-mounted decorative pulls**] [**Back-mounted decorative pulls**] [**Back-mounted decorative pulls with backing plates**] [**Wire pulls**] [**Back-mounted Knobs**] [**Surface-mounted porcelain knobs**] <Insert description>.
- C. Hinges: [**Decorative full-surface hinges**] [**Concealed butt hinges**] [**Semiconcealed (wraparound) butt hinges for overlay doors**] [**Pivot (knife) hinges**] [**Concealed European-style self-closing hinges**].
- D. Drawer Guides: Epoxy-coated-metal, self-closing drawer guides; designed to prevent rebound when drawers are closed; with nylon-tired, ball-bearing rollers; and complying with BHMA A156.9, Type B05011 or B05091.

## 2.3 COUNTERTOP MATERIALS

- A. Plastic Laminate: High-pressure decorative laminate complying with NEMA LD 3.
1. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
  2. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
    - a. Formica Corp.
    - b. Lamin-Art.
    - c. Nevamar Company, LLC.
    - d. Panolam Industries International Incorporated.
    - e. Wilsonart International.
  3. Colors, Textures, and Patterns: As selected by Architect from plastic-laminate manufacturer's full range.

- B. Certified Wood Materials: Fabricate countertops with wood and wood-based products produced from wood obtained from forests certified by an FSC-accredited certification body to comply with FSC STD-01-001, "FSC Principles and Criteria for Forest Stewardship."
- C. Particleboard: ANSI A208.1, Grade M-2-Exterior Glue.
- D. Particleboard: Straw-based particleboard complying with requirements of ANSI A208.1, Grade M-2, except for density.
- E. Adhesives: Do not use adhesives that contain urea formaldehyde.

## 2.4 CABINETS

- A. Available Products: Subject to compliance with requirements, cabinets that may be incorporated into the Work include, but are not limited to, the following:
- B. Cabinet Style: Face Frame.
- C. Door and Drawer Fronts: Solid-wood stiles and rails, 3/4 inch (19 mm) thick, with 1/4-inch- (6.4-mm-) thick, veneer-faced plywood center panels.
- D. Face Frames: 3/4-by-1-5/8-inch (19-by-41-mm) solid wood with glued mortise and tenon or doweled joints.
- E. Cabinet End Construction: 1/2-inch- (12.7-mm-) thick plywood.
- F. Cabinet Tops and Bottoms: 1/2-inch- (12.7-mm-) thick plywood, fully supported by and secured in rabbets in end panels, front frame (if any), and back rail.
- G. Back, Top, and Bottom Rails: 3/4-by-2-1/2-inch (19-by-63-mm) solid wood, interlocking with end panels and rabbeted to receive top and bottom panels. Back rails secured under pressure with glue and with mechanical fasteners.
- H. Wall-Hung-Unit Back Panels: 3/16-inch- (4.8-mm-) thick plywood fastened to rear edge of end panels and to top and bottom rails.
- I. Base-Unit Back Panels: 3/16-inch- (4.8-mm-) thick plywood fastened to rear edge of end panels and to top and bottom rails.
- J. Front Frame Drawer Rails: 3/4-by-1-1/4-inch (19-by-32-mm) solid wood mortised and fastened into face frame.
- K. Drawers: Fabricate with exposed fronts fastened to subfront with mounting screws from interior of body.
  - 1. Join subfronts, backs, and sides with glued rabbeted joints supplemented by mechanical fasteners. Retain one subparagraph from each of the two sets below to suit level of quality required.
  - 2. Subfronts, Backs, and Sides: 3/4-inch- (19-mm-) 1/2-inch- (12.7-mm-) thick solid wood.
  - 3. Subfronts, Backs, and Sides: 1/2-inch- (12.7-mm-) thick solid wood or 3/8-inch- (9.5-mm-) thick plywood.

- L. Shelves: 5/8-inch- (16-mm-) thick plywood.
- M. Joinery: Rabbet backs flush into end panels and secure with concealed mechanical fasteners. Connect tops and bottoms of wall cabinets and bottoms and stretchers of base cabinets to ends and dividers with mechanical fasteners. Rabbet tops, bottoms, and backs into end panels.
- N. Factory Finishing: Finish cabinets at factory. Defer only final touchup until after installation.

## 2.5 PLASTIC-LAMINATE COUNTERTOPS

- A. Configuration: Provide countertops with the following front, cove (intersection of top with backsplash), backsplash, and endsplash style:
  - 1. Front: **No drip raised marine edge with rolled front**
  - 2. Backsplash: **Curved or waterfall shape with scribe**
- B. Plastic-Laminate Substrate: Particleboard not less than 3/4 inch (19 mm) thick.
  - 1. For countertops at sinks and lavatories, use Grade M-2-Exterior-Glue particleboard or exterior-grade plywood.
  - 2. Build up countertop thickness to 1-1/2 inches (38 mm) at front, back, and ends with additional layers of particleboard laminated to top.

## PART 3 - EXECUTION

### 3.1 INSTALLATION

- A. Install cabinets with no variations in flushness of adjoining surfaces; use concealed shims. Where cabinets abut other finished work, scribe and cut for accurate fit. Provide filler strips, scribe strips, and moldings in finish to match cabinet face.
- B. Install cabinets without distortion so doors and drawers fit openings and are aligned. Complete installation of hardware and accessories as indicated.
- C. Install cabinets and countertop level and plumb to a tolerance of 1/8 inch in 8 feet (3 mm in 2.4 m).
- D. Fasten cabinets to adjacent units and to backing.
  - 1. Fasten wall cabinets through back, near top and bottom, at ends and not less than 24 inches (600 mm) o.c. with No. 10 wafer-head screws sized for 1-inch (25-mm) penetration into wood framing, blocking, or hanging strips.
  - 2. Fasten wall cabinets through back, near top and bottom, at ends and not less than 24 inches (600 mm) o.c., with toggle bolts through metal backing behind gypsum board.
- E. Fasten plastic-laminate countertops by screwing through corner blocks of base units into underside of countertop. Form seams using splines to align adjacent surfaces, and secure with glue and concealed clamping devices designed for this purpose.

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1. Provide cutouts for sinks and lavatories, including holes for faucets and accessories.
2. Seal edges of cutouts by saturating with varnish.

3.2 ADJUSTING AND CLEANING

- A. Adjust cabinets and hardware so doors and drawers are centered in openings and operate smoothly without warp or bind. Lubricate operating hardware as recommended by manufacturer.
- B. Clean casework on exposed and semiexposed surfaces. Touch up factory-applied finishes to restore damaged or soiled areas.

END OF SECTION 12356END OF SECTION 12356

ADDENDUM #2  
 FEBRUARY 6, 2009  
 ATTACHMENT "F"  
 RENOVATION TO THE  
 WASHINGTON HEIGHTS HOUSING DEVELOPMENT

## AIR HANDLING UNITS SCHEDULE

LOCATION	TAG	CFM	OA	ESP	H.P.	ELECT	BTUH COOL	MODEL	TONS	MFR
1 BEDROOM	AHU-1	800	120	1.0	0.250	230/60/1	24,000	2/4TEC3F24A	2.0	TRANE
2 BEDROOM	AHU-2	1000	120	1.0	0.250	230/60/1	30,000	2/4TEC3F30A	2.5	TRANE
3 BEDROOM	AHU-3	1200	150	1.0	0.250	230/60/1	36,000	2/4TEC3F36A	3.0	TRANE
OFFICE	AHU-4	800	120	1.0	0.250	230/60/1	24,000	2/4TEC3F24A	2.0	TRANE

## AIR COOLED CONDENSING UNITS

UNIT NO.	CAPACITY BTUH	SUCTION TEMP DEG. F	AMBIENT AIR TEMP. DEG. F	NO. COMP. & REFRIG. CIRCUITS	ELECTRICAL DATA			MAX FUSE	REMARKS
					VOLTS	PH.	MCA		
CU-1	24,000 (2.0 TONS)	65	99	1	230	1	160	20	TRANE 2TTB3024A1
CU-2	30,000 (2.5 TONS)	65	99	1	230	1	16.0	25	TRANE 2TTB3030A1
CU-3	36,000 (3.0 TONS)	65	99	1	230	1	16.0	25	TRANE 2TTB3036A1
CU-4	24,000 (2.0 TONS)	65	99	1	230	1	16.0	25	TRANE 2TTB3036A1

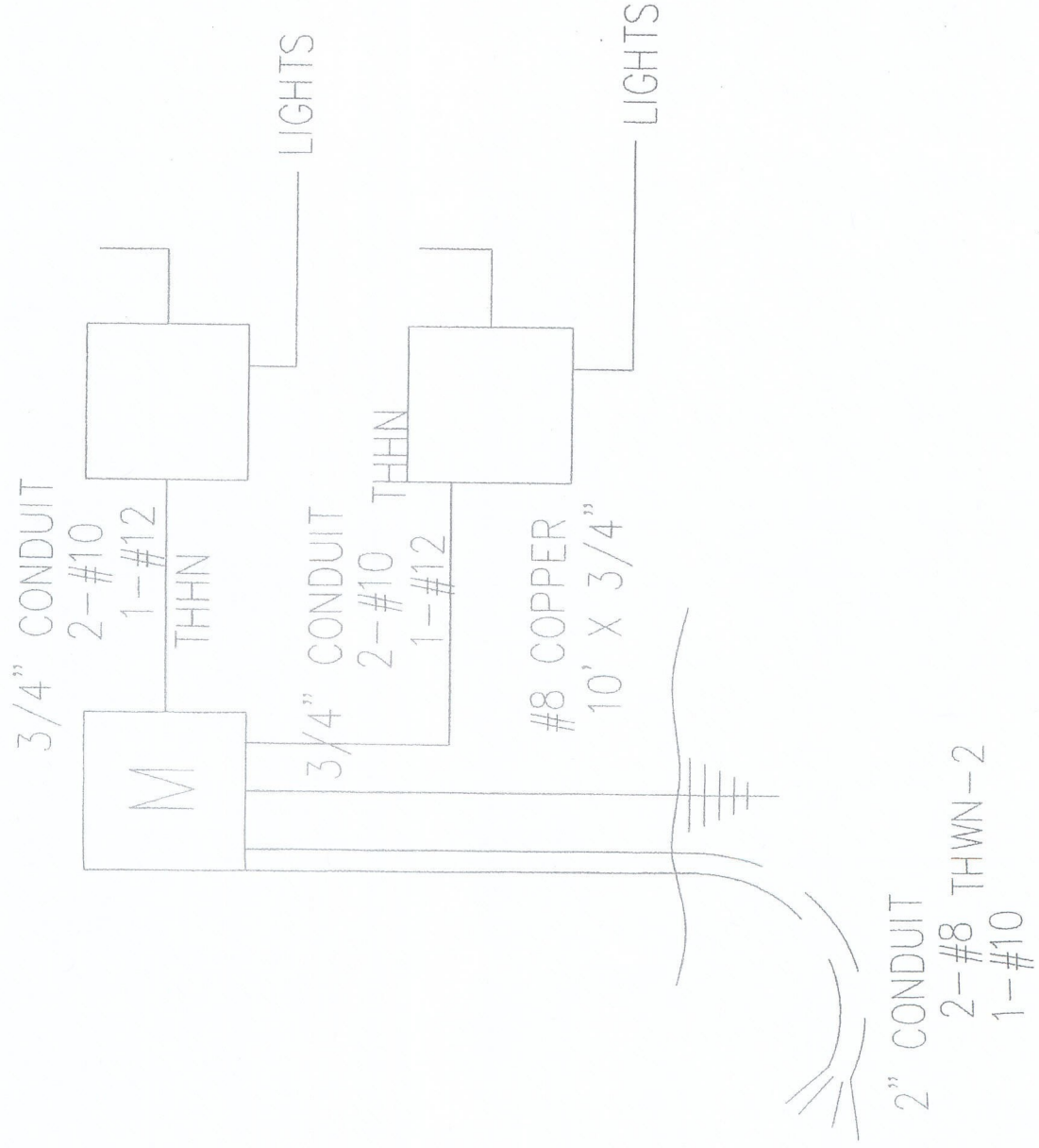
## ELECTRIC HEATER SCHEDULE

LOCATION	UNIT #	NOMINAL OUTPUT KW	AFUE	ELECT.	Mx. FUSE	MODEL	TONS
1 BEDROOM	HEATER #1	8.0	N/A	240/1/60	50	TWE024P13	2.0
2 BEDROOM	HEATER #2	10.0	N/A	240/1/60	60	TWE030P13	2.5
3 BEDROOM	HEATER #3	12.0	N/A	240/1/60	70	TWE036P13	3.0
MAINTENANCE	HEATER #4	6.0	N/A	240/1/60	30	TWE036P13	3.0

C/L 2/11

SITE LIGHTING TO BE AN ALTER #3 TO BASE BID.

APPENDIX #2  
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 ATTACHMENT "G"  
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SHT E-1.1

ADDENDUM #2  
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 ATTACHMENT "H"  
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PANEL: <u>B</u>		LOCATION: <u>BUILDING G</u>		MOUNTING: _____						
VOLTAGE: <u>120/240 Single Phase</u>		WATTS: <u>12.8 KW</u>		RATING: <u>60 A</u> TYPE: _____						
DESCRIPTION	KILO WATTS	WIRE SIZE	TRIP AMP	CKT. NO.	PHASE AB	CKT. NO.	TRIP AMP	WIRE SIZE	KILO WATTS	DESCRIPTION
EXIT LIGHTS	0.1	12	20	1		2	20	12	1.5	LIGHTS
RECEPTACLES	1.3	12	20	3		4	30	10	6.0	AIR HANDLER
A/C UNIT - 2 TONS	3.8	12	20	5		6				
SPARE				7		8				SPARE
SPARE				9		10				SPARE
SPARE				11		12				

01-17 # 25 10

## ELECTRICAL LEGEND

SYMBOLS	DESCRIPTION	MANUFACTURER/MODEL NO.
	2x4 4-TUBE LIGHT	LITHONIA LB 432 120 GEB OR EQUAL
	2x4 3-TUBE LIGHT	LITHONIA LB 332 120 GEB OR EQUAL
	3-BULB STRIP - 13 WATT FLOURESCENT	PORTFOLIO MODEL VB33CH LOWE'S #61560 OR EQUAL
		PROGRESSIVE FIXTURE (P-4961-30) WITH 2-23 WATT SCREW IN FLOURESCENT BULBS
	2x4 2-TUBE LIGHT	LITHONIA LB 232 120 GEB OR EQUAL
	EXTERIOR LIGHT	LITHONIA TWP 100M 120 OR EQUAL
	ELECTRIC PANEL BOX	LITHONIA TWP 100M 120 OR EQUAL
	LITHONIA GC 100M RWT73277	
	DUPLEX RECEPTACLE	
	DUPLEX RECEPTACLE FLR MOUNTED W/ COVER	
S	SINGLE POLE SWITCH	
S <sub>3</sub>	3 - WAY SWITCH	
	220 RECEPTACLE	
	EXIT LIGHT	
	A/C COMPRESSOR	
J	JUNCTION BOX	
	PHONE JACK	
	CABLE JACK	
HVL	HEAT-VENT-LIGHT	NUTONE MODEL 665 RP OR EQUAL

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 ATTACHMENT "J"  
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BUILDING "H" (TYPICAL)  
 6 - 3 BEDROOM APARTMENTS  
 2 - 2 BEDROOM APARTMENTS

ADDENDUM #2

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ATTACHMENT "K"

RENOVATION TO THE

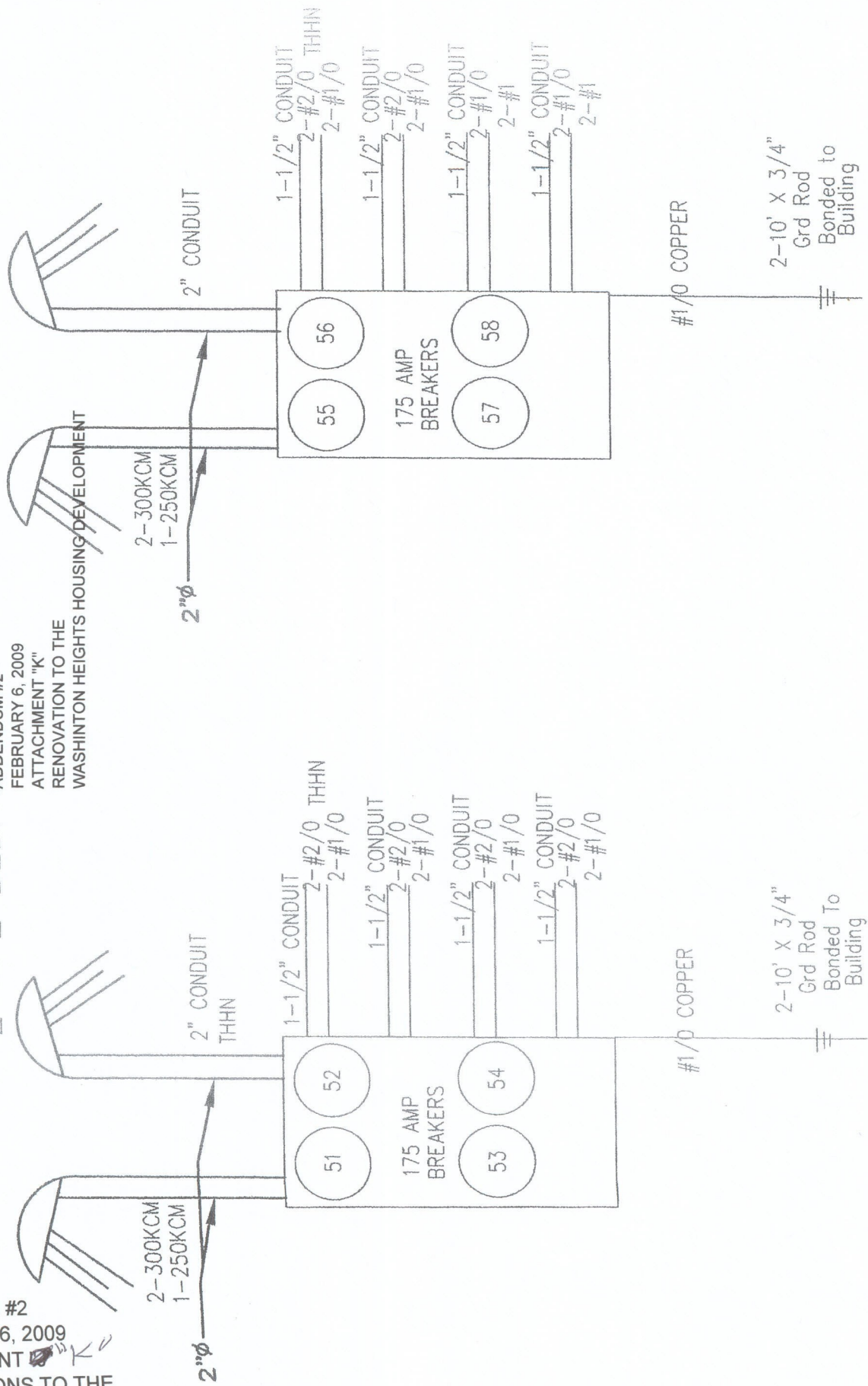
WASHINGTON HEIGHTS HOUSING DEVELOPMENT

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ATTACHMENT "K"

RENOVATIONS TO THE  
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# BUILDING "G" (TYPICAL)

## 2 - 2 BEDROOM APARTMENTS

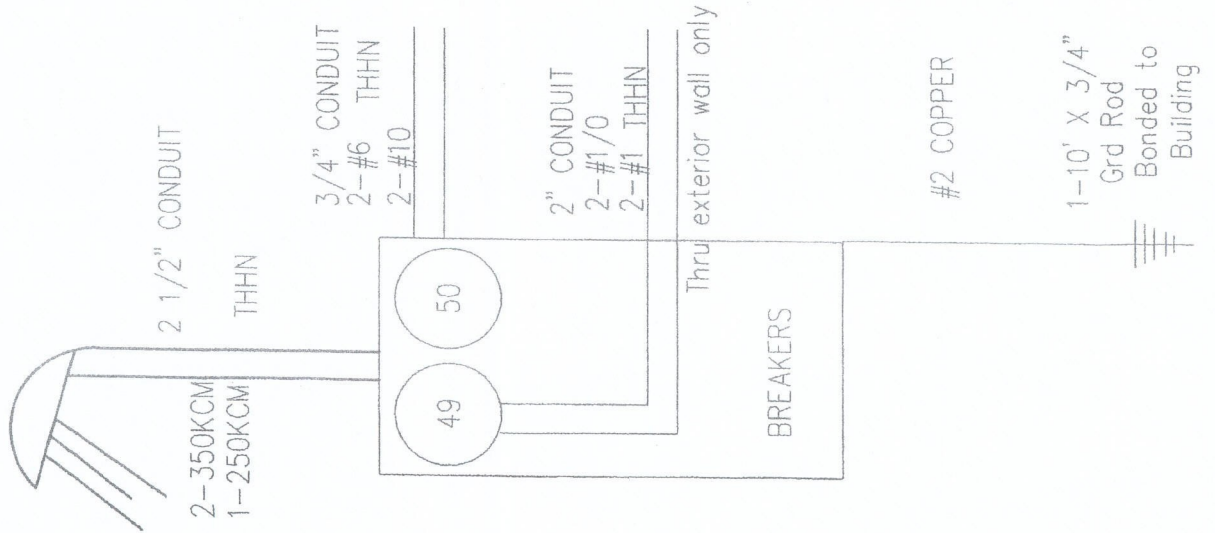
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FEBRUARY 6, 2009

ATTACHMENT "L"

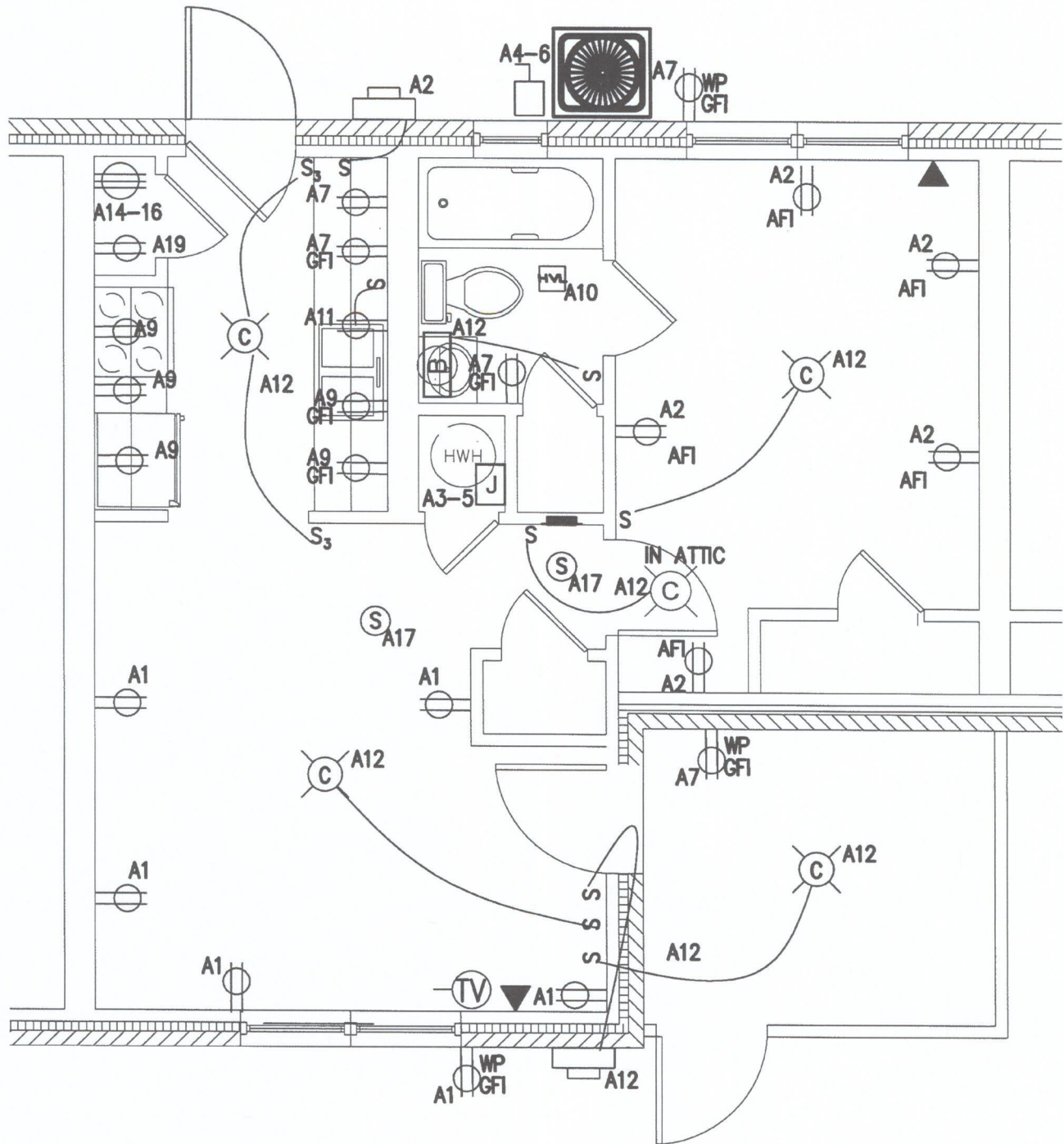
RENOVATION TO THE

WASHINGTON HEIGHTS HOUSING DEVELOPMENT



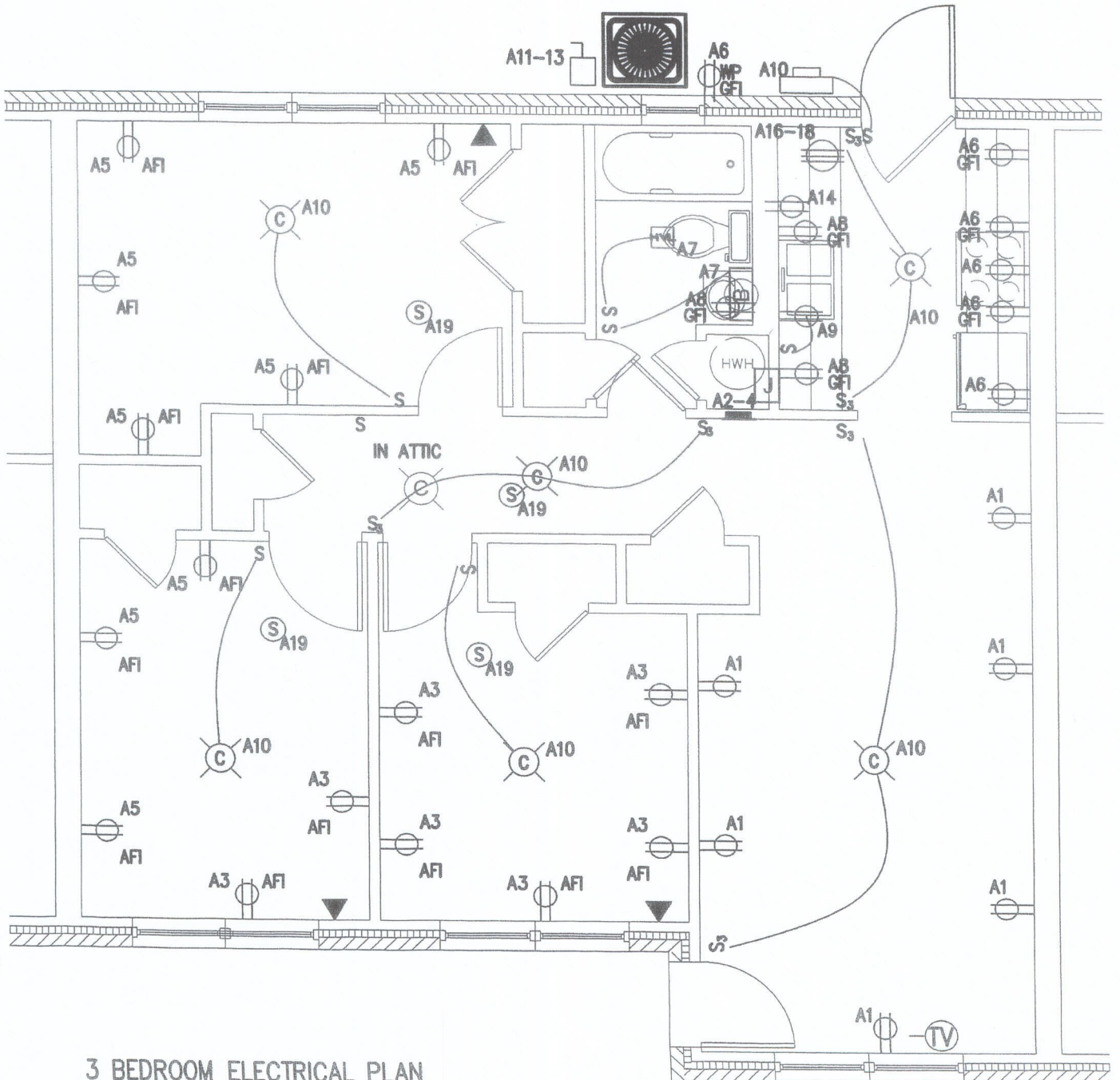
ADDENDUM #2  
 FEBRUARY 6, 2009  
 ATTACHMENT "J"  
 RENOVATIONS TO THE  
 WASHINGTON HEIGHTS HOUSING DEVELOPMENT

SHT E-1.3



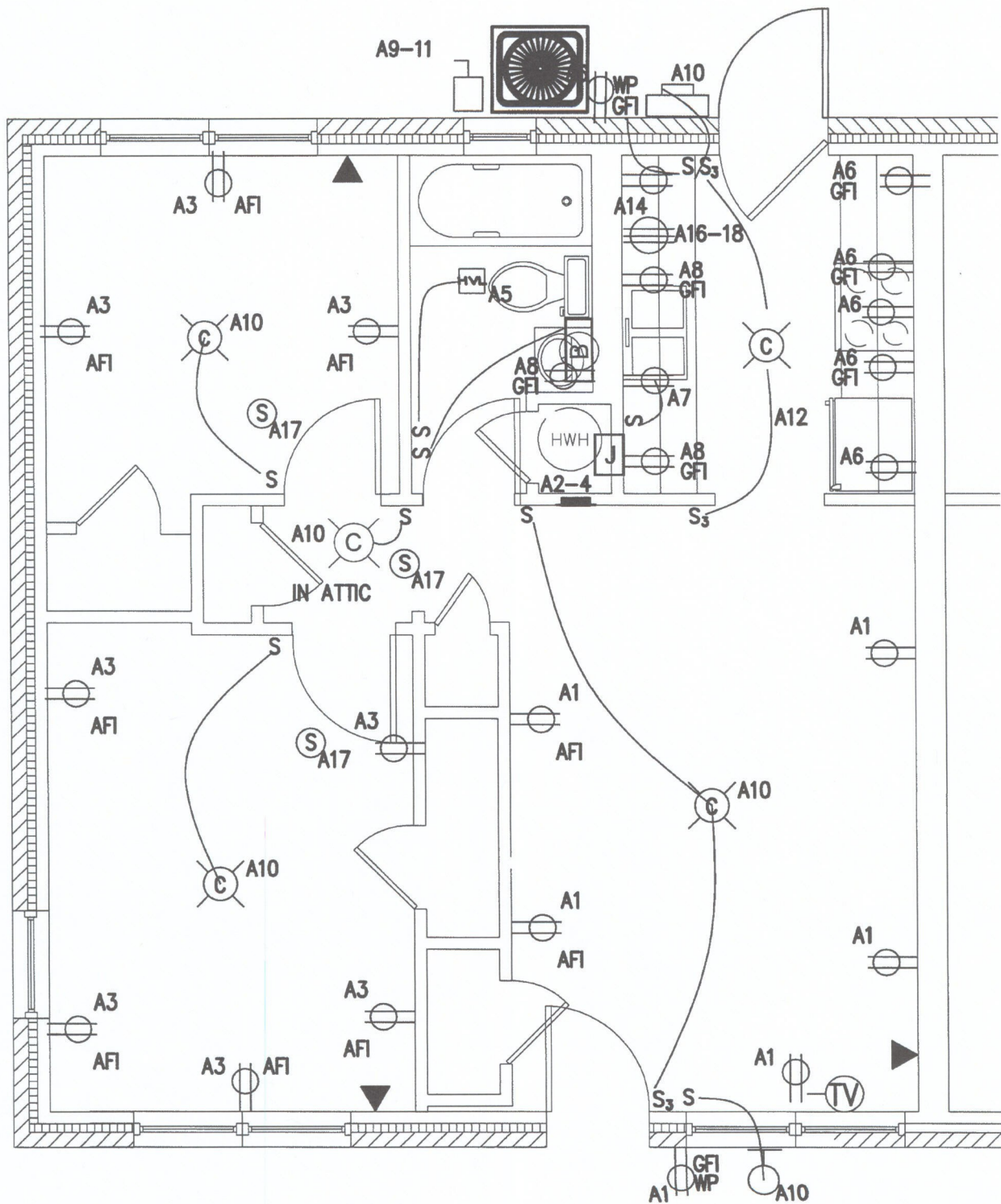
# 1 BEDROOM ELECTRICAL PLAN

ADDENDUM #2  
 FEBRUARY 6, 2009  
 ATTACHMENT "N"  
 RENOVATIONS TO THE  
 WASHINGTON HEIGHTS HOUSING DEVELOPMENT



3 BEDROOM ELECTRICAL PLAN

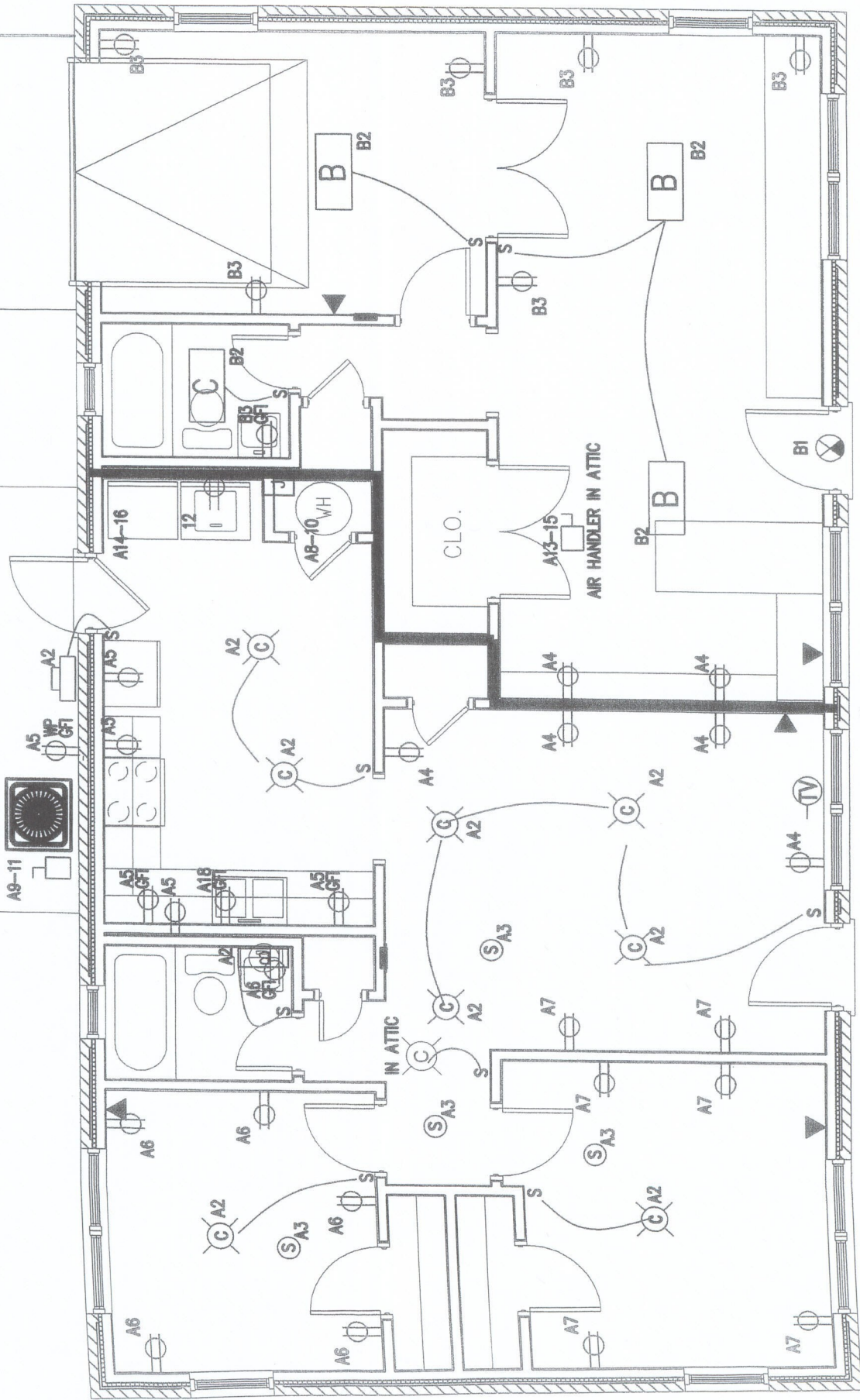
ADDENDUM #2  
 FEBRUARY 6, 2009  
 ATTACHMENT "O"  
 RENOVATIONS TO THE  
 WASHINGTON HEIGHTS HOUSING DEVELOPMENT



## 2 BEDROOM ELECTRICAL PLAN

ADDENDUM #2  
 FEBRUARY 6, 2009  
 ATTACHMENT "P"  
 RENOVATIONS TO THE  
 WASHINGTON HEIGHTS HOUSING DEVELOPMENT

ADDENDUM #2  
 FEBRUARY 6, 2009  
 ATTACHMENT "Q"  
 RENOVATION TO THE  
 WASHINGTON HEIGHTS HOUSING DEVELOPMENT



ALTERNATE #2

ADDENDUM #2  
 FEBRUARY 6, 2009  
 ATTACHMENT "R"  
 RENOVATION TO THE  
 WASHINGTON HEIGHTS HOUSING DEVELOPMENT

PANEL: <u>A</u>		LOCATION: <u>ONE BEDROOM APMTS</u>		MOUNTING: <u>EXTERIOR WALL</u>						
VOLTAGE: <u>120/240 SINGLE PHASE</u>		WATTS: <u>45 KW</u>		RATING: <u>200 A</u> TYPE: _____						
DESCRIPTION	WATTS	WIRE SIZE	TRIP AMP	CKT. NO.	PHASE AB	CKT. NO.	TRIP AMP	WIRE SIZE	WATTS	DESCRIPTION
MAIN		2/0								
OUTLETS BEDROOM 1 & 2	1.9	12	20	1		2	20	12	1.2	LIGHTS BEDR 1&2, BATH, HALL
OUTLETS BAH, DINING, LIVING	1.1	12	20	3		4	20	12	1.5	CLOTHES WASHER
VENT & LIGHT BATHS 1&2	0.8	12	20	5		6	40	8	6.0	CLOTHES DRYER
OUTLETS KITCHEN	1.3	12	20	7		8				
SPARE				9		10				Spore
OUTLETS BATH 2 & MASTER BED	1.2	12	20	11		12				
DISH WASHER	1.7	12	20	13		14	20	12	3.8	2.0 TON A/C
GARBAGE DISP	1.5	12	20	15		16				
WATER HEATER	6	8	40	17		18	40	8	6.0	A/C BLOWER & ELECTRIC HEAT STRIP
SPARE				19		20				
SPARE				21		22				SPARE
SPARE				23		24				SPARE

