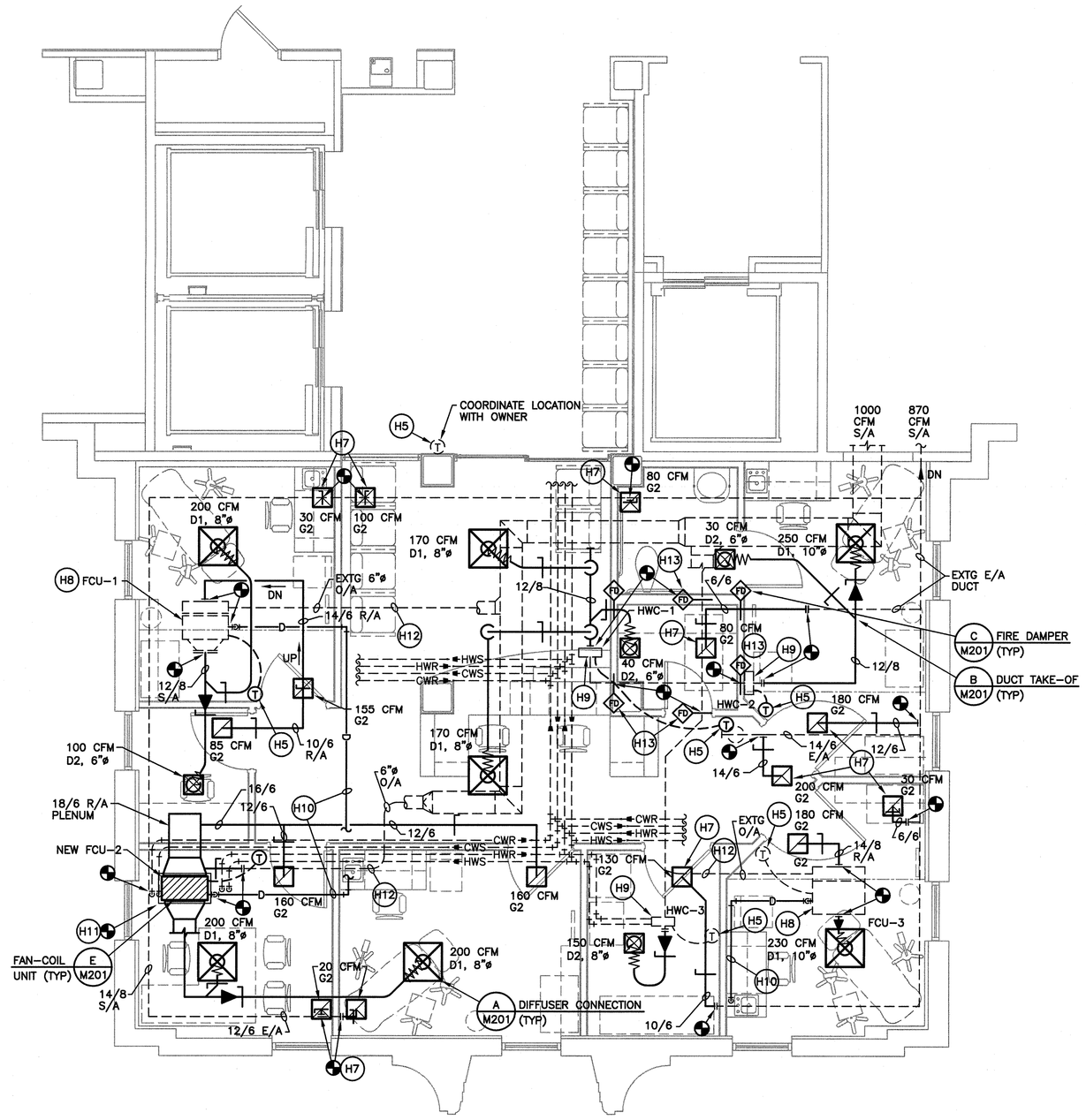


PARTIAL FLOOR PLAN – HVAC

SCALE: 1/4"=1'-0"

HVAC NOTES:

– – – – EXISTING TO REMAIN
——— NEW CONSTRUCTION

(H1) FIELD VERIFY EXACT LOCATION, SIZE, ROUTING OF ALL EXISTING DUCTWORK, EQUIPMENT, PIPING, ETC. PRIOR TO WORK.

(H2) ALL FLEXIBLE DUCT SHALL BE FULLY EXTENDED FREE OF KINKS AND NO LONGER THAN 5'-0" SAME SIZE AS DIFFUSER NECK.

(H3) ALL DUCTWORK SIZES SHOWN ARE INSIDE FREE AREA DIMENSIONS.

(H4) ALL DIFFUSERS AND/OR GRILLES SMALLER THAN FULL CEILING T-BAR SPACINGS SHALL BE INDEPENDENTLY SUPPORTED FROM STRUCTURE ABOVE WITH CEILING TIE WIRES.

(H5) RELOCATED THERMOSTAT. RECONNECT TO EXTG EQUIPMENT AND VERIFY PROPER OPERATION.

(H6) COORDINATE NEW CONSTRUCTION WITH EXTG S/A, R/A AND E/A DUCTWORK AND EXTG CWS/R AND HWS/R PIPING.

(H7) PROVIDE NEW E/A GRILLE AND CONNECT TO EXTG E/A DUCT AS SHOWN. BALANCE NEW E/A GRILLES TO INDICATED AIRFLOWS. FIELD VERIFY EXACT REQUIREMENTS.

(H8) EXTG FAN-COIL UNIT(FCU). CLEAN INSIDE OF UNIT CASING, CLEAN COILS, SERVICE FAN(S), REPLACE FILTERS AND REBALANCE TO SCHEDULED AIR AND WATER FLOWS. VERIFY PROPER OPERATION OF EXTG CONTROLS.

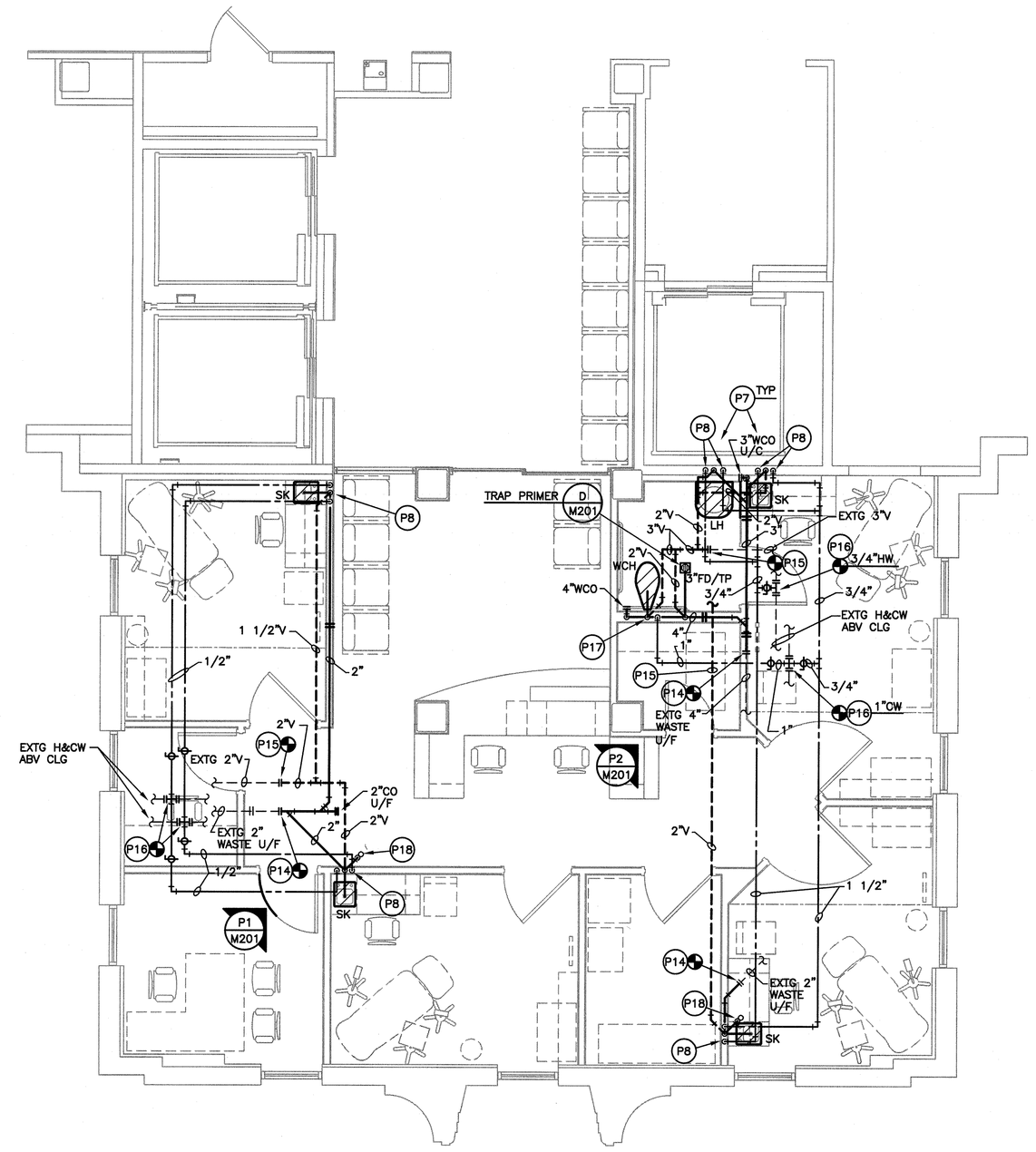
(H9) EXTG DUCT MOUNTED HEATING WATER COIL(HWC). CLEAN AND VERIFY PROPER OPERATION OF CONTROLS. REBALANCE AIR AND WATER FLOWS AS SCHEDULED.

(H10) EXTEND NEW CONDENSATE DRAIN PIPING FROM NEW/EXTG FCU AND TERMINATE OPEN-SITE AT 2" DEEP-SEAL P-TRAP ABOVE CEILING. RE: PLUMBING PLAN.

(H11) NEW FAN-COIL UNIT(FCU-2). INSTALL IN APPROXIMATE LOCATION OF OLD FCU. MODIFY EXTG CWS/R AND HWS/R PIPING AS REQUIRED FOR A COMPLETE AND FULLY OPERATIONAL SYSTEM.

(H12) BALANCE O/A TO EACH FCU AS FOLLOWS:
FCU-1 – 60 CFM
FCU-2 – 80 CFM
FCU-3 – 50 CFM

(H13) PROVIDE NEW FIRE DAMPER IN EXTG DUCTWORK PENETRATING NEW FIRE-RATED WALL. DUCT SIZES: (2)@12/12, (2)@18/12. FIELD VERIFY EXACT DUCT SIZES AND DAMPER REQUIREMENTS PRIOR TO ORDER.



PARTIAL FLOOR PLAN – PLUMBING

SCALE: 1/4"=1'-0"

PLUMBING NOTES:

– – – – EXISTING TO REMAIN
——— NEW CONSTRUCTION

(P1) COORDINATE EXACT LOCATIONS OF WASTE & VENT STACKS WITH EXTG CONCRETE BEAMS, ARCHITECTURAL FURRINGS/CHASES, ETC. RE: ARCHITECTURAL PLANS.

(P2) ALL PENETRATIONS THROUGH FLOORS (INCLUDING CHASES), FIRE WALLS AND FIRE PARTITIONS SHALL BE SLEEVED & FIRE-STOPPED AS SPECIFIED AND AS SET FORTH IN U.L. FIRE RESISTANCE DIRECTORY VOLUMES 1 & 2, LATEST EDITION.

(P3) COORDINATE EXACT PLUMBING FIXTURE TYPE, MOUNTING HEIGHT, ETC. WITH OWNER AND ARCHITECT PRIOR TO ORDER, ROUGH-IN AND INSTALLATION.

(P4) MODIFY EXTG FIRE SPRINKLER SYSTEM FOR RENOVATION. TENANT SPACE SHALL BE FULLY SPRINKLED USING V.A. STANDARD 1/2", RECESSED WHITE SPRINKLER HEADS OR HEADS TO MATCH EXTG. FIELD VERIFY AND SUBMIT FOR APPROVAL. WHERE POSSIBLE, EXTG HEADS MAY BE RE-USED IF IN GOOD CONDITION. COORDINATE EXACT HEAD LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS. SUBMIT HYDRAULIC CALCULATIONS AND PLANS AS REQUIRED BY NFPA 13 AND STATE AND LOCAL AUTHORITIES.

(P5) COORDINATE INSTALLATION OF PLUMBING FIXTURE CARRIERS WITH GENERAL CONTRACTOR. BLOCK-OUT STUDS AND/OR CMU BLOCKS AND PROVIDE BLOCKING IN WALLS WHERE REQUIRED TO CLEAR CARRIER RISERS, FLOOR SUPPORTS, AND ARMS.

(P6) THIS CONTRACTOR SHALL REMOVE & DISCARD ALL PIPING, FIXTURES, VALVES, ETC. THAT ARE NOT INTENDED FOR REUSE BY NEW OWNER. FIELD COORDINATE EXACT LOCATIONS, SIZES, ETC. OF ALL PIPING AND ACCESSORIES PRIOR TO CONSTRUCTION.

(P7) COORDINATE EXACT PLUMBING FIXTURE LOCATION WITH EXISTING CONCRETE BEAMS PRIOR TO ROUGH-IN. RELOCATE AS REQUIRED AND AS DIRECTED BY ARCHITECT. OFFSET SINK WASTE PIPING IN WALLS AS REQUIRED TO AVOID BEAMS AT FLOOR PENETRATIONS.

(P8) 1/2"H&CW DOWN IN WALL TO COUNTER SINK. PROVIDE KEYED ANGLE-STOPS U/C.

(P9) WHETHER SPECIFICALLY INDICATED OR NOT, ANY EXTG VERTICAL UTILITY PIPING (i.e. WASTE, WATER, VENT, STORM, FIRE, ETC.) WHICH WAS LOCATED IN A DEMOLISHED WALL AND WAS NOT REMOVED IN CONJUNCTION WITH EXTG PLBG FIXTURE REMOVAL, SHALL BE OFFSET TO NEW WALLS/CHASES FOR CONCEALMENT AS REQUIRED. COORDINATE W/ARCH AND OWNER. CONTRACTOR SHALL SCHEDULE ANY ANTICIPATED INTERRUPTIONS TO SERVICES TO AVOID CONFLICTS WITH NORMAL FACILITY OPERATIONS.

(P10) WHERE POSSIBLE, NEW SYSTEM COMPONENTS (I.E. PLUMBING FIXTURES, TRIM, CLEANOUTS, ETC.) SHALL MATCH EXTG AND V.A. STANDARD.

(P11) SAWCUT/CORE DRILL EXTG CONCRETE FLOOR SLAB AS REQUIRED FOR INSTALLATION OF NEW SANITARY WASTE PIPING. COORDINATE EXACT LOCATIONS WITH EXTG CONGRETE BEAMS AND FLOOR JOISTS. PATCH TO MATCH EXTG FLOOR.

(P12) CONTRACTOR SHALL FIELD VERIFY EXACT SIZE, LOCATION, FLOW DIRECTION, ETC. OF ALL EXTG UTILITIES PRIOR TO CONSTRUCTION.

(P13) CONTRACTOR SHALL COORDINATE U/F PLUMBING INSTALLATION WITH TENANTS BELOW. MODIFY INSTALLATION AND SCHEDULE U/F WORK AS REQUIRED TO MINIMIZE DISRUPTION TO TENANTS. REMOVE CEILINGS AS REQUIRED TO FACILITATE INSTALLATION. REPLACE/REPAIR CEILING AND OTHER FINISHES TO MATCH EXTG UPON COMPLETION OF WORK.

(P14) CONNECT NEW SANITARY WASTE PIPING TO EXTG IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT REQUIREMENTS.

(P15) CONNECT NEW SANITARY VENT PIPING ABOVE CEILING TO EXTG IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT REQUIREMENTS.

(P16) CONNECT NEW H&CW ABOVE CEILING TO EXTG IN THIS APPROXIMATE LOCATION. FIELD VERIFY EXACT REQUIREMENTS.

(P17) 1"CW DOWN IN WALL TO "WCH" FLUSH VALVE. PROVIDE WATER HAMMER ARRESTER.

(P18) PROVIDE 2" DEEP-SEAL P-TRAP IN VENT STACK ABOVE CEILING WITH TRAP GUARD TRAP-PRIMER FOR OPEN-SITE CONDENSATE DRAIN TERMINATION FROM FAN-COIL UNITS.

Revisions	Date

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Drawing Title: PARTIAL FLOOR PLANS - HVAC AND PLUMBING

Approved: Project Director

Project Title: WOUND HEALING CENTER OF EXCELLENCE VETERAN AFFAIRS MEDICAL CENTER

Location: ALEXANDRIA LA

Date: 08.03.12 | Checked: TGS | Drawn: RAT

Project Number: VA256-C-1137-C24154

Building Number: 7

Drawing Number: M101

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Department of Veterans Affairs

VA FORM 08-6231

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