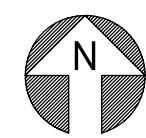


1 HVAC PIPING PLAN
H200 SCALE: 1/8" = 1'-0"

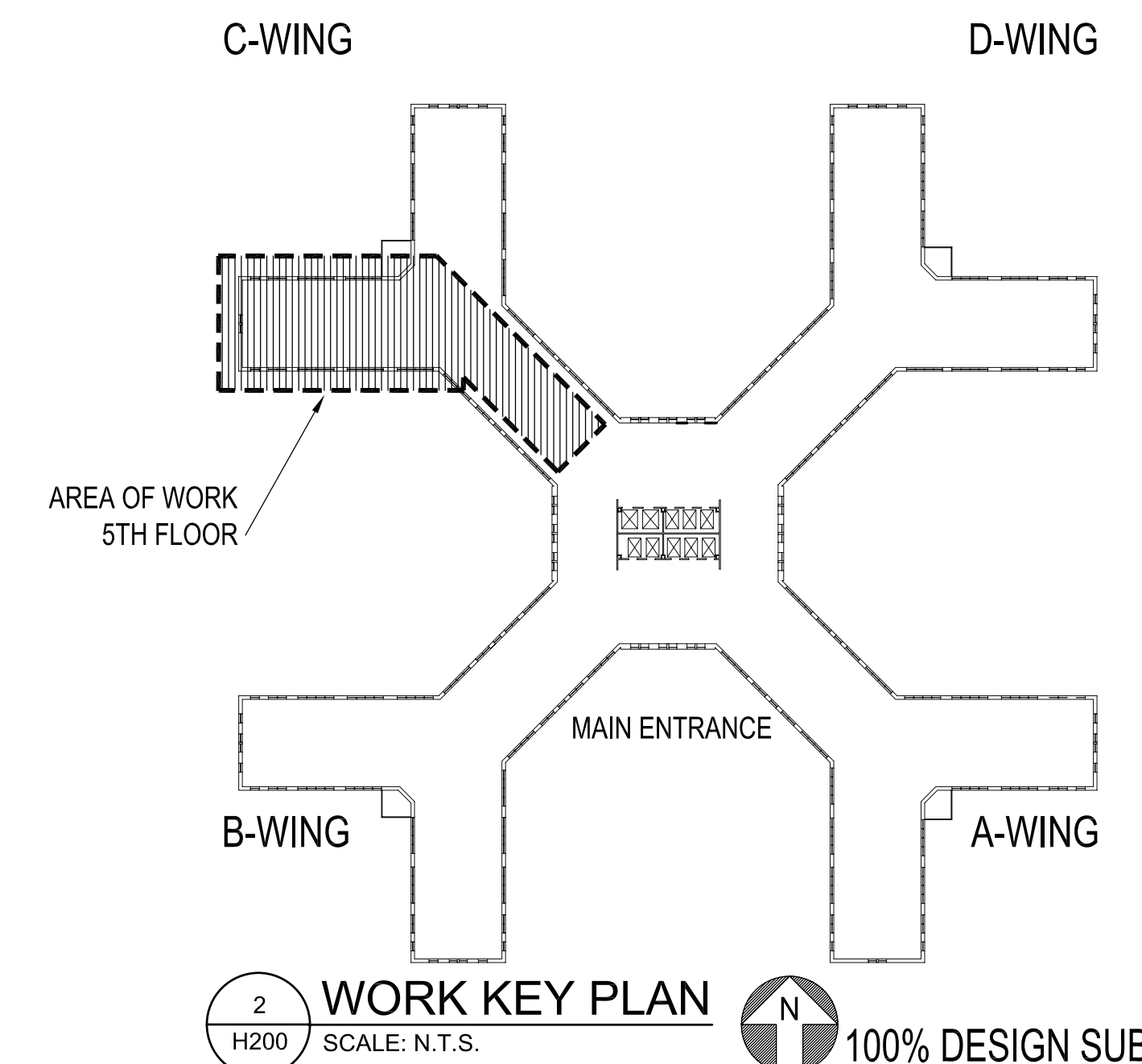


GENERAL NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH FREEZING EXISTING PIPING LINES IF REQUIRED FOR NEW PIPING CONNECTIONS TO EXISTING PIPING LINES. VA PERSONNEL SHALL ATTEMPT TO MANUALLY CLOSE EXISTING SHUT-OFF VALVES UPSTREAM OF TIE-IN CONNECTIONS, BUT THERE IS NO CONTRACTURAL GUARANTEE THAT EXISTING SHUT-OFF VALVES WILL HOLD DUE TO AGE AND WEAR.

KEYED NOTES:

1. CONNECT TO THE EXIST. 3" CHWS&R PIPING AT LOCATION SHOWN DOWNSTREAM OF THE EXISTING BUTTERFLY SHUT-OFF VALVES AND PROVIDE 1 1/2" CHWS&R PIPING FROM THE CONNECTION POINT SHOWN TO THE MECHANICAL ROOM AND CONNECT TO THE COOLING COIL IN AIR HANDLING UNIT AC-2 AS REQUIRED. THE CONTRACTOR SHALL UTILIZE STEEL, GROOVED PIPING SYSTEMS FOR ALL CHILLED PIPING INSTALLATION WORK LOCATED OUTSIDE OF THE EXISTING MECHANICAL ROOM AND THE NEW MECHANICAL ROOM C512 DUE TO THE PIPING BEING INSTALLED ADJACENT TO EXISTING LIVE ELECTRICAL WIRING AND CONDUIT.
2. CONNECT TO EXIST. 2" HWS&R PIPING AT LOCATION SHOWN DOWN STREAM OF THE EXISTING SHUT-OFF VALVES. PROVIDE HWS&R PIPING FROM CONNECTION POINT SHOWN TO THE VAV'S AND EXISTING FINNED TUBE LOCATED IN THE WING. THE CONTRACTOR SHALL UTILIZE STEEL, GROOVED PIPING SYSTEMS FOR ALL HEATING WATER PIPING INSTALLATION WORK LOCATED IN THE CORRIDOR DUE TO THE PIPING BEING INSTALLED ADJACENT TO EXISTING LIVE ELECTRICAL WIRING AND CONDUIT. REMOVE AND REINSTALL THE EXISTING CEILING SYSTEM AS REQUIRED TO PROVIDE THE PIPING CONNECTIONS.
3. REMOVE PIPING CAPS, CONNECT HWS&R PIPING TO EXISTING VERTICAL RISERS THAT SERVES THE EXISTING FINNED TUBE.
4. PROVIDE A CONTROL VALVE IN THE EXISTING HWS PIPING SERVING THE EXISTING FIN TUBE RADIATION AND PROVIDE A BALANCING VALVE IN THE HWR PIPING SERVING THE EXISTING FIN TUBE RADIATION. DISCONNECT, REMOVE AND RECONNECT THE EXISTING FIN TUBE RADIATION ENCLOSURE AS REQUIRED TO INSTALL THE VALVES.
5. PROVIDE A CONTROL VALVE IN THE ABOVE-CEILING HWS PIPING SERVING THE EXISTING FIN TUBE RADIATION AND PROVIDE A BALANCING VALVE IN THE ABOVE-CEILING HWR PIPING SERVING THE EXISTING FIN TUBE RADIATION.



2 WORK KEY PLAN
H200 SCALE: N.T.S.

100% DESIGN SUBMISSION

CONSULTANTS:		ARCHITECT/ENGINEERS:		Drawing Title	Project Title	Project Number	STRATTON VA MEDICAL CENTER 	
				HVAC PIPING PLAN	VISION CLINIC RENOVATIONS	528A8-08-830		
				Approved: Project Director	Location	Building Number		
					ALBANY, NEW YORK	1		
100% SUBMISSION	05/13/11	 SAGE ENGINEERING ASSOCIATES, LLP 1211 WESTERN AVENUE ALBANY, NY 12203 (518)453-6091 FAX(518)453-6092 SEA PROJECT NO. 2217			Date	Checked	Drawn	Drawing Number
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