



Mechanical Renovation Plan - Site Piping
 SCALE: 1" = 30'-0"

60' DRAINAGE AND UTILITY EASEMENT

GREENWAY

- GENERAL NOTES:**
- EXISTING UNDERGROUND HW PIPING SHALL NOT BE DISTURBED.
 - EXISTING PVC CHW PIPING SHALL REMAIN IN SERVICE DURING INSTALLATION OF NEW PIPING. PHASE WORK AS NEEDED TO ACCOMMODATE OCCUPANCY. OLD PVC CHW/S&R SYSTEM SHALL BE CAPPED AS EACH BUILDING IS CONVERTED TO NEW STEEL PIPING SYSTEM.
 - FIELD VERIFY LOCATION OF ALL EXISTING PIPING. PROVIDE UTILITY LOCATING SERVICE TO DETERMINE LOCATION OF EXISTING CHW AND HW PIPING AND UTILITIES.
 - CUT AND PATCH CONCRETE AND ASPHALT AS REQUIRED FOR PIPE INSTALLATION. VISIT SITE AND FIELD VERIFY CUTTING AND PATCHING REQUIREMENTS.
 - REPAIR ALL DAMAGE TO LANDSCAPING. ALL GRASSY AREAS SHALL BE SOODED WITH BAHIA. REPAIR ALL DAMAGED IRRIGATION PIPING.
 - AFTER CONSTRUCTION, THE CONTRACTOR SHALL FLUSH CHW AND HW PIPING SYSTEMS WITH ALL STRAINERS AND CHECKS/REBUS/CHEMICAL BURNERS. PROVIDE OPERATIONAL TEST REPORT TO OWNER UPON COMPLETION.
 - PROVIDE BUTTERFLY SHUTOFF VALVES AT ALL CONNECTION POINTS TO EXISTING PIPING TO ALLOW PRESSURE TESTING OF NEW PIPING.
 - PROVIDE MINIMUM 36" OF COVERAGE FOR NEW PIPING, WHERE PIPING WILL BE BENEATH A POURED CONCRETE SIDEWALK. PROVIDE MINIMUM 6" OF COVERAGE BETWEEN PIPE JACKET AND CONCRETE.

- KEY NOTES:**
- REPLACE EXISTING PVC CHW/S&R PIPING WITH STEEL PIPING. PROVIDE 8" MINIMUM COVER UNDER SIDEWALKS AND 12" MINIMUM COVER UNDER MAINS IN OPERATION DURING CONSTRUCTION. PROVIDE VALVE BOX WITH SHUTOFF VALVES FOR STEEL PIPING AND PVC PIPING DISTRIBUTION SYSTEMS.
 - PROVIDE VALVE BOX AND SHUTOFF VALVES FOR BRANCH PIPING AND MAINS (AFTER BRANCH CONNECTIONS).
 - PROVIDE VALVE BOX WITH SHUTOFF VALVES.
 - ROUTE PIPING BENEATH SIDEWALK.
 - COORDINATE CLOSELY WITH EXISTING UNDERGROUND UTILITIES. OFFSET PIPING AS NEEDED.
 - ROUTE PIPING BENEATH ASPHALT DRIVEWAY.

Construction Documents - 04/29/2009

Sheet Title Mechanical Renovation Plan Site Piping	SABISTON ENGINEERING GROUP, INC. 8212 EARLWOOD AVE. • MT DORA, FL 32757 P: 352.383.5525 • F: 352.383.5572 WWW.SABISTONENGINEERING.COM STATE OF FLORIDA CERTIFICATE NO. 9811 BEG PROJECT NO. 09001	Engineer of Record Donald J. Sabiston, P.E., State of Florida No. 54889	Project Discovery Middle School Chilled Water Piping Replacement	Revisions
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