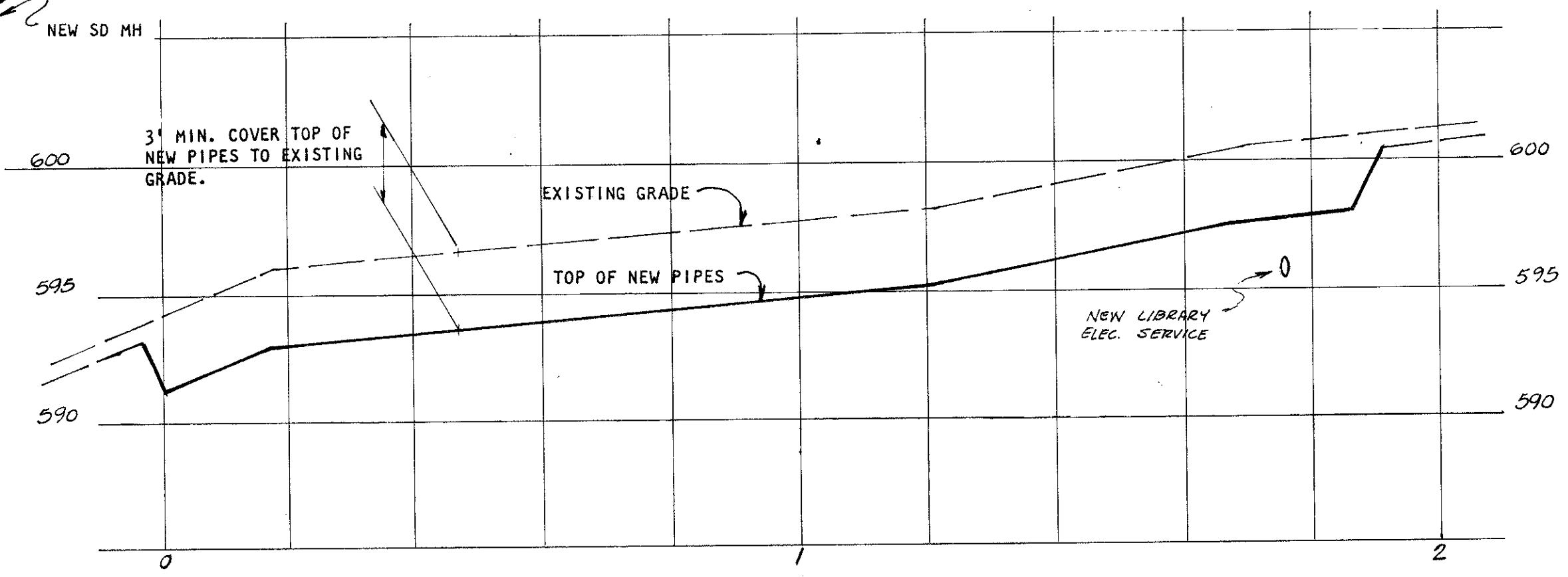
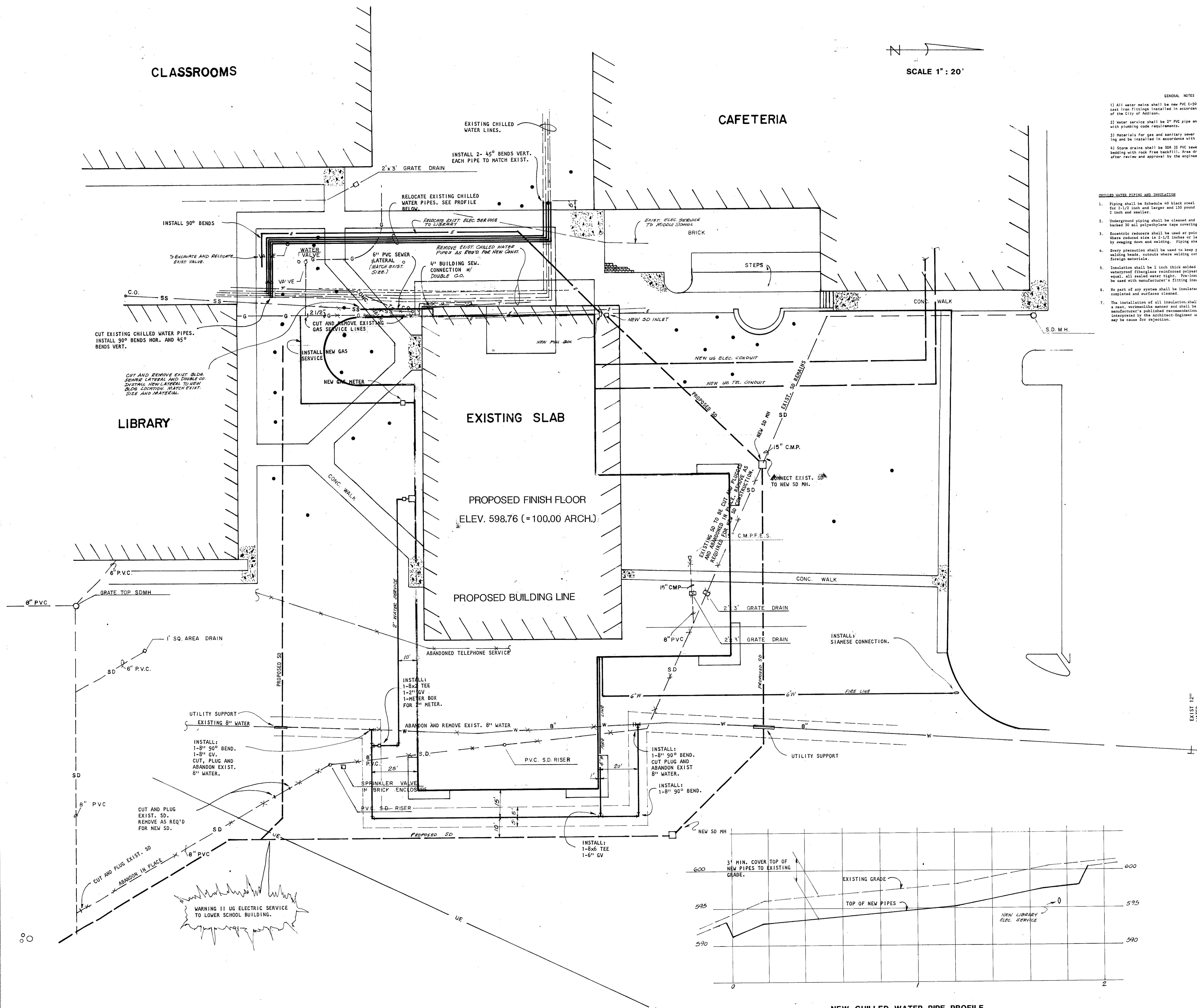


**GREENHILL  
UPPER  
SCHOOL**

SCALE 1" = 20'

- GENERAL NOTES**
- 1) All water mains shall be new PVC C-900, Class 200 pipe with new cast iron fittings installed in accordance with the requirements of the City of Addison.
  - 2) Water service shall be 2" PVC pipe and installed in accordance with plumbing code requirements.
  - 3) Materials for gas and sanitary sewer lateral shall match existing and be installed in accordance with plumbing code requirements.
  - 4) Storm drains shall be SDR 35 PVC sewer pipe installed on gravel bedding with rock free backfill. Area drain inlets may be precast after review and approval by the engineer.

- CHILLED WATER PIPING AND INSULATION**
1. Piping shall be Schedule 40 black steel pipe with tube turn welding fittings for 2-1/2 inch and larger and 150 pound malleable iron screwed fittings for 2 inch and smaller.
  2. Underground piping shall be cleaned and primed and wrapped with adhesive-backed 30 mil polyethylene tape covering all metallic surfaces.
  3. Eccentric reducers shall be used at points where main size is reduced. Unseamed side is 2-1/2 inches or larger, eccentric reducers may be used by swaging down and welding. Piping shall be run with top of pipe level.
  4. Every precaution shall be used to keep piping clean and free from dirt, welding spatter, quench where welding connections are made, and all other foreign materials.
  5. Insulation shall be 1 inch thick welded urethane pipe insulation. Provide waterproof fiberglass reinforced polyester jacket, PVC jacket, or approved equal, all sealed water tight. Fiberglass (factory applied) piping may be used with manufacturer's fitting insulation mold and foam kits.
  6. No part of any system shall be insulated until all required tests have been completed and surfaces cleaned.
  7. The installation of all insulation shall be made by experienced craftsmen in a neat, workmanlike manner and shall be in strict accordance with the manufacturer's published recommendations for service intended, as interpreted by the Architect-Engineer unless otherwise noted. Appearance may be cause for rejection.



**UTILITY PLAN**

**HIDELL**

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**Revisions**

No.	Description

Job No. 87005  
Issue Date: 7-1-87  
Drawn By: PSA  
Checked By:  
Sheet No. C-2

of: