CLASSROOMS

CAFETERIA

LIBRARY

EXISTING SLAB

PROPOSED FINISH FLOOR
ELEV. 598.76 (=100.00 ARCH.)

PROPOSED BUILDING LINE

SCALE 1" : 20'

Note: Utility Contractor to install Std. 4' Dia MH on Exist. San. Sewer Main in this vicinity per City of Addison Regs. Exact location of main is not known. Contractor may install new sewer lateral from this MH to New Bldg. Outfall in lieu of using Exist. Lateral as noted. If this option is used, cap & abandon Exist. Lateral. Show all on "As Built".

EXISTING CHILLED WATER LINES. REMAIN

2'x3' GRATE DRAIN

EXIST. MIDDLE SCHOOL SERVICE

END 4" CONDUIT AND CAP FOR FUTURE MIDDLE SCH USE.

2-4" CONDUITS FOR NEW SERVICE TO EXIST. LIBRARY (STACKED). STUB UP INSIDE ELEC. ROOM.

WATER VALVE

GAS VALVE

NEW PVC SEWER LATERAL FROM EX. SEWER TO NEW BLDG. FLOOR. MATCH EX. SEWER SIZE

4" BUILDING SEW. CONNECTION W/ DOUBLE C.O.

END 12" DRAIN AND CAP FOR FUTURE CONN.

C.O.

SS

G

2 1/2" G

CUT AND REMOVE EXISTING GAS SERVICE LINES

INSTALL NEW GAS SERVICE

NEW GAS METER

CUT AND REMOVE EXIST. BLDG. SEWER LATERAL AND DOUBLE CO. INSTALL NEW LATERAL TO NEW BLDG. LOCATION. MATCH EXIST. SIZE AND MATERIAL.

6" Poly ROOF DRAIN (2% MIN)

12" DRAIN

EXIST. CONC. WALK

6" Poly ROOF DRAIN (2% MIN)

6" P.V.C.

GRATE TOP SDMH

8" P.V.C.

1' SQ. AREA DRAIN

SD

6" P.V.C.

EXIST. TEL. CONDUIT REMAINS

CUT AND CAP EXIST. CONDUIT FOR USE W/ NEW BLDG. TEL. CONN. TO SCHOOL SYSTEM. (STUB UP THRU SLAB AND ROUTE INTERNALLY TO TEL. BOARD.)

ABANDONED TELEPHONE SERVICE To Be Removed Under New Slab

PROPOSED SD 15" DRAIN

8" WATER SERVICE

INSTALL: 1-8x8 TEE 1-2" GV 1-METER BOX FOR 2" METER.

UTILITY SUPPORT EXISTING 8" WATER

INSTALL: 1-8" 90° BEND. 1-8" GV. CUT, PLUG AND ABANDON EXIST. 8" WATER.

PRESSURE GROUT AND ABANDON IN PLACE UNDER PROPOSED BUILDING SLAB

EXIST. 8" WATER

S.D.

8" P.V.C.

P.V.C. S.D. RISER

SPRINKLER VALVE IN CONCRETE ENCLOSURE

P.V.C. S.D. RISER

6" Poly ROOF DRAIN

PROPOSED SD 24" DRAIN

CUT AND PLUG EXIST. SD. REMOVE AS REQ'D FOR NEW SD.

45° BEND

45°

BEND

NEW SD INLET

INSTALL 102 LF 24" DRAIN TO CROSS AND 24"x24" PRECAST CONC. MANH. @ E = 594.00

8" PVC

WARNING !! UG ELECTRIC SERVICE TO LOWER SCHOOL BUILDING.

ABANDON IN PLACE

EXIST. SD

CUT & PLUG EXIST. SD

PROPOSED SD OUTFALL SEE SHT C-3

EXIST SD REMAINS

UE

Exist. Elec. Box

Exist. Elec. Service To Middle School Remains

Single 4" Conduit For Future

Roll 5-4" Conduits To Stack As Shn In Section

Exist. Elect. Box (NTS) Remains

Exist. Elect. Remains

Exist. Sidewalks To Be Removed. See Landscape Plans.

STEPS

New Elect. MH

2 Cond. Sect. Above

Exist. SD Inlet

CONC. WALK

S.D. M.H.

2-4" Conduits For New Serv. To Exist. Library (Stacked)

2-4" Conduits For New Bldg. Service For Upper School Reconst.

32'

15" SD

15" C.M.P.

8" PVC Roof Drain (2% Min)

Connect Exist. SD To New SD MH.

Pressure Grout And Abandon In Place Under Proposed Bldg. Slab

Existing SD To Be Cut And Plugged As Required For New Construction

C.M.P.E.S.

15" CMP

2'x3' GRATE DRAIN

8" PVC

SD

Proposed SD 24" Drain

Install: Fire Dept. Conn. At Curb

6" W

FIRE LINE

8" W

Bend

UTILITY SUPPORT

45°

EXIST 12" WATER

Install: 1-8"GV, 1-8" 90° Bend. Cut Plug And Abandon Exist 8" Water.

Install: 1-8" 90° Bend.

Install: 1-8x6 TEE 1-6" GV

Install 8" PVC Water Main

Install: Fire Line Meter In Conc. Vault Per City Reg. In 10' Esmt.

5-4" CONDUITS

1 FOR FUTURE (ADD.) USE TO MIDDLE SCH.

2 FOR NEW SERV. TO EXIST. LIBRARY

2' OR MIN. PER CODE

2 FOR NEW UPPER SCH. BLDG. SERVICE

CONDUIT SECTION
NO SCALE

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 CL III RCP pipe for sizes above 15 inch and SDR-35 PVC pipe for sizes 15 inch and less. Pipe shall be installed on gravel bedding with rock free backfill.

5) Storm drain inlets shall be min. size of 24"x24"x30" concrete with steel frame and grate. Actual size may be larger to accommodate drain pipe sizes called for on the plans. SD manhole shall be nominal 36"x36"x42" minimum with 24" ring and cover.

6) Storm drain manhole covers shall be standard 24" diameter ring and cover with markings, "STORM DRAIN".

"AS BUILT" FOR WATER AND SANITARY SEWER UTILITIES ONLY. INFORMATION SHOWN HAS BEEN FURNISHED BY CONTRACTOR. NO ON-THE-GROUND MEASUREMENTS WERE MADE BY PSA ENGINEERING, INC. 1-25-88

STATE OF TEXAS · DAVID WHITAKER · REGISTERED PROFESSIONAL ENGINEER

UTILITY PLAN

GREENHILL UPPER SCHOOL

HIDELL

ARCHITECTS

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David Whitaker 7-1-87

PSA ENGINEERING
CIVIL ENGINEERS
13747 MONTFORT DR.
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Revisions

1 Added SD Sizes & Notes ; NIC Note 7-10-87
2 Revised Per Final Design & City 7-20-87

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

Sheet No. C-2

of: