

CONTACT:  
MR ED KEAH, OPERATING SUPPORT SECTION  
DISTRIBUTION DEPARTMENT, 2 WORKING  
DAYS PRIOR TO EXCAVATING T.U. ELECTRIC  
FACILITIES.  
PHONE: (214)698-7239 OR (214)698-7207

CAUTION!!  
UNDERGROUND TELEPHONE  
IN AREA - CONTACT S.W.B.T.  
48 HOURS PRIOR TO CONSTRUCTION  
PHONE: 1-800-315-0440

CAUTION!!  
GAS LINE IN AREA-CONTACT  
LONE STAR GAS 48 HOURS  
PRIOR TO CONSTRUCTION  
PHONE: (214)263-1000

STA 0+00 LINE "W-2"  
BEGIN PROP 12" WATER  
INSTALL:  
1-12" VALVE  
1-12" PLUG  
CONN. TO EX. 12" WATER  
REMOVE EXIST 12"  
TO THE NORTH

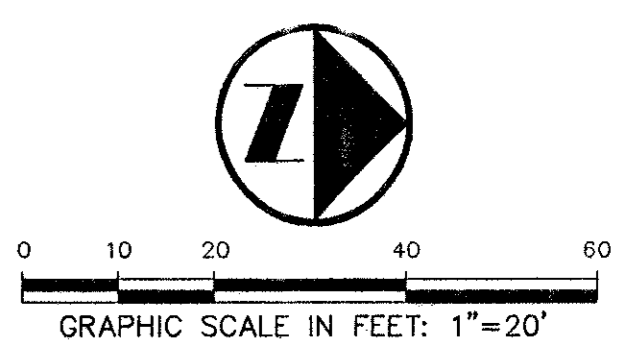
STA 0+64.8 LINE "W-2"  
INSTALL:  
1-12" 90° BEND

CONNECT EXIST 1" WATER  
TO PROP 4" WATER LINE  
RELOCATE WATER METER  
REMOVE EXIST 1" WATER  
TO THE EAST

STA 1+98.2 LINE "W-2"  
INSTALL:  
1-12" 90° BEND

END PROP ELECTRICAL  
CONNECT TO EXISTING  
ELECTRICAL REMOVE  
EXIST ELECTRICAL  
TO THE EAST

CONTRACTOR TO TAKE STEPS AS  
REQUIRED TO PROTECT EXISTING  
TREES AND ROOT SYSTEMS SHOWN  
ON THIS PLAN TO THE FULLEST  
EXTENT POSSIBLE. UNLESS TREES  
THAT ARE MARKED FOR REMOVAL  
MAINTAIN EXISTING GRADE AS CLOSE  
AS POSSIBLE UNDER DRIP LINE



**LEGEND**

⊕	FIRE HYDRANT
⊖	POWER POLE
⊙	LIGHT STANDARD
⊕	WATER METER
⊕	WATER VALVE
⊕	CLEANOUT
⊕	MANHOLE
⊕	GAS METER
⊕	PROPERTY LINE

NOTE:  
SEE DETAIL SHEET FOR WATER &  
SANITARY SEWER NOTES AND  
STANDARD DETAILS.

NOTE:  
PROPOSED WATER LINES SHALL BE CONCRETE  
ENCASED 10' L.F. EACH WAY AT SEWER & STORM  
DRAIN CROSSINGS. WHERE PROPOSED SEWER &/OR  
STORM DRAINS CROSS EXISTING WATER LINES,  
THE EXISTING LINE SHALL BE CONCRETE ENCASED  
IN THE SAME MANNER.

NOTE:  
PROPOSED ELECTRICAL TO BE INSTALLED BY CUSTOMER.  
INSTALL 2-4 INCH SCH 40 PVC CONDUITS W/PULL WIRE  
(GRAY ELEC GRADE) 39 INCH MINIMUM DEPTH REQUIRED.  
ALL BENDS TO BE LONG SWEEP - C.I. (36 INCH MINIMUM)  
PROPOSED ELECTRICAL MANHOLES TO BE 4'x8' VAULTS  
SUPPLIED BY TU ELECTRIC COMPANY AND INSTALLED  
BY CUSTOMER. ALL INSTALLATIONS MUST MEET TU ELECTRIC  
COMPANY'S SPECIFICATIONS & CLEARANCE REQUIREMENTS.

- BENCH MARKS:**
- BM #2: Top nut of FH near west line of site 675; north of southwest corner of site. Elev. 601.31
  - BM #3: Cut "+" in walk on outside of curved drive near southeast corner of lower school. Elev. 586.06
  - BM #4: "⊕" cut - west end conc. headwall, north side Spring Valley, at southeast corner campus. Elev. 578.47
  - BM #5: "⊕" cut in walk at southeast corner intersection of drive along south side of preschool building and north-south drive into site from Spring Valley. Elev. 598.20
  - BM #6: "⊕" cut at southwest corner basketball courts, southeast of gymnasium. Elev. 597.48
  - BM #7: "⊕" cut, southeast corner transformer pad, northeast of tennis courts. Elev. 601.42
  - BM #8: Top nut of FH at west end of drive along north side of campus. Elev. 609.80
  - BM #9: "⊕" cut at NEC of electric MH on north side cafeteria, south side of drive along north side of campus. Elev. 602.80
  - BM #10: "⊕" cut on conc. step near northwest corner of upper school. Elev. 598.85
  - BM #11: "⊕" cut on conc step on walk exiting west side of library. Elev. 596.44
  - BM #12: "⊕" cut at intersection of walk along west side lower school and walk along south side lower school. Elev. 587.78

- ⚠ REVISED: NOV. 13, 1998
- ⚠ REVISED: OCT. 5, 1998
- ⚠ REVISED: JUNE 3, 1998
- ⚠ REVISED: NOV 25, 1997
- ⚠ REVISED: OCT 24, 1997
- ⚠ REVISED: SEP 8, 1997
- ⚠ REVISED: JUN 30, 1997

**PACHECO KOCH** 9401 LBJ Freeway, Suite 300  
Consulting Engineers, Inc. Dallas, Texas 75243  
Civil Engineering • Land Surveying (972) 235-3031

**SITE UTILITY PLAN**  
**BUILDING EXPANSION**  
**GREENHILL SCHOOL**  
**ABST No. 273, DALLAS COUNTY**  
**TOWN OF ADDISON, TEXAS**

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
SAM	BB SGS	AUG 1997	1"=20'			C-4



THE SEAL APPEARING ON THIS DOCUMENT WAS  
AUTHORIZED BY STEVEN A. MARKUSSEN P.E. 70090 ON  
11/25/97. ALTERATION OF A SEALED DOCUMENT  
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ENGINEER IS AN OFFENSE UNDER THE TEXAS  
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MOD. TIME: 11/16/98 01:38 PM PLOT BY: Ron Lewis PLOT TIME: 11/17/98 09:34 AM  
DWG NAME: 1082-22.dwg

