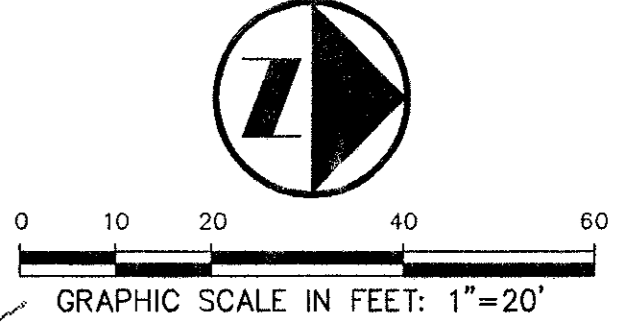


CONTACT:
MR ED KEAH, OPERATING SUPPORT SECTION
DISTRIBUTION DEPARTMENT, 2 WORKING
DAYS PRIOR TO EXCAVATING T.U. ELECTRIC
FACILITIES.
PHONE: (214)698-7239 OR (214)698-7207

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-DIG6

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

- FH ◊ FIRE HYDRANT
- PP • POWER POLE
- LS • LIGHT STANDARD
- WM • WATER METER
- WV • WATER VALVE
- CO • CLEANOUT
- MH ◉ MANHOLE
- GM • GAS METER
- PROPERTY LINE
- 613 — EXISTING CONTOUR
- EL. 612.29 — EXISTING SPOT ELEVATION
- TO 612.39 — EXISTING TOP OF CURB ELEVATION
- 611.92 — EXISTING GUTTER ELEVATION
- 613 — PROPOSED CONTOUR
- TC 614.5 — PROPOSED TOP OF CURB ELEVATION
- G 614.0 — PROPOSED GUTTER ELEVATION
- EL. 614.5 — PROPOSED SPOT ELEVATION
- PROPOSED DRAINAGE FLOW DIRECTION
- PROPOSED DRAINAGE DIVIDE
- PROPOSED EROSION CONTROL
- △ INDICATES EMERGENCY OVERTFLOW

DRAINAGE AREA CALCULATIONS: DA 2

DRAINAGE AREA No.	AREA (acres)	C	Tc (minutes)	I ₁₀₀ (Inch/hour)	Q ₁₀₀ (cfs)	REMARKS
DA 1	1.88	0.90	10	8.74	14.79	TYPE "Y" INLET
DA 2	0.05	0.90	10	8.74	0.39	GRATE INLET
DA 3	0.10	0.90	10	8.74	0.79	GRATE INLET
DA 4	0.04	0.90	10	8.74	0.31	GRATE INLET
DA 5	0.28	0.90	10	8.74	2.20	GRATE INLET
DA 6	0.17	0.90	10	8.74	1.34	GRATE INLETS
DA 7	0.29	0.90	10	8.74	2.28	GRATE INLETS
DA 8	0.81	0.90	10	8.74	6.37	GRATE INLET
DA 9	0.05	0.90	10	8.74	0.39	GRATE INLET
DA 10	0.10	0.90	10	8.74	0.79	GRATE INLET
DA 11A	0.09	0.90	10	8.74	0.74	COLLECT UNDERGROUND W/DA 1
DA 11B	0.09	0.90	10	8.74	0.74	COLLECT UNDERGROUND W/DA 5
DA 12	0.19	0.90	10	8.74	1.49	COLLECT UNDERGROUND W/DA 9 & 16
DA 13	0.16	0.90	10	8.74	1.26	COLLECT UNDERGROUND W/DA 3 & 4
DA 14	0.26	0.90	10	8.74	2.05	COLLECT UNDERGROUND W/DA 6
DA 15	0.24	0.90	10	8.74	1.89	COLLECT UNDERGROUND W/DA 8
DA 16	0.04	0.90	10	8.74	0.31	GRATE INLET

- BENCH MARKS:**
- BM #2: Top nut of FH near west line of site 6754 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. headwalk, 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. 588.20
 - 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: OCT. 5, 1998
- △ REVISED: JUNE 3, 1998
- △ REVISED: NOV 25, 1997
- △ REVISED: OCT 24, 1997 MODIFIED WALK LAYOUT
- △ REVISED: SEP 8, 1997
- △ REVISED: NOV. 16, 1998
- △ REVISED: JUN 30, 1997

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Dallas, Texas 75243
Civil Engineering • Land Surveying (972) 235-3031

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

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
SAM	BB	SEP 1997	1"=20'			C-2



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MOD. TIME: 11/16/98 01:48 PM PLOT BY: Ron Lewis PLOT TIME: 11/17/98 08:33 AM DWG NAME: 1082-426.dwg