

Revisions

I.	2/06/95

Job No. 93081 A

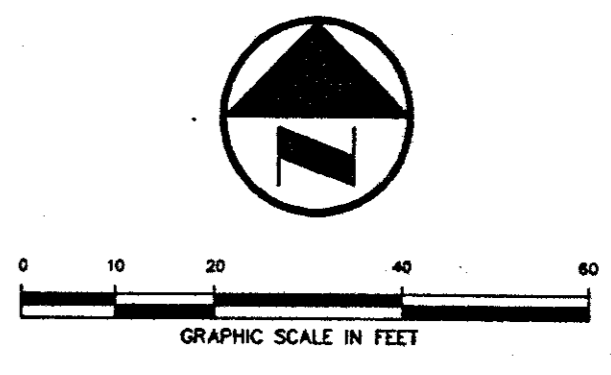
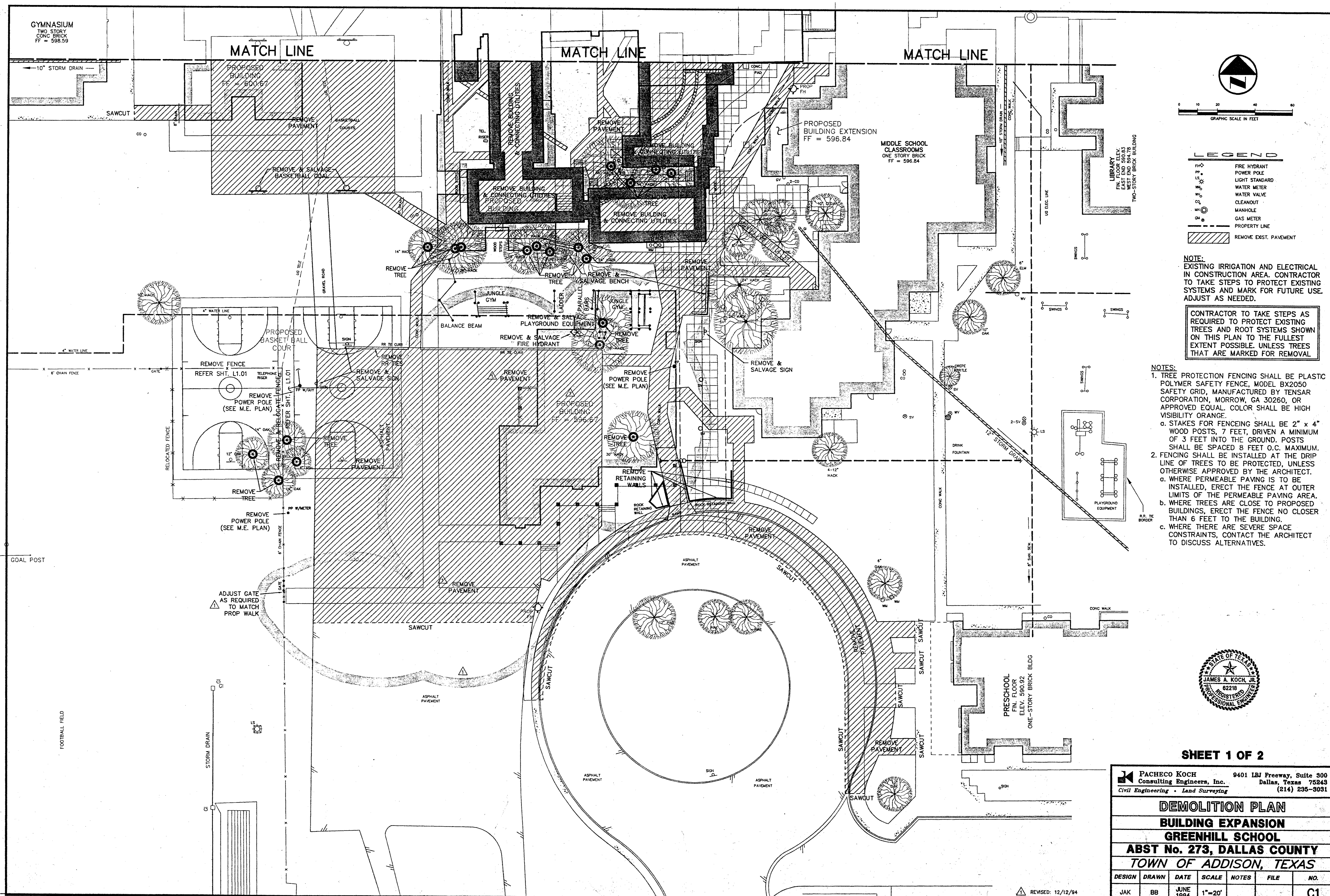
Issue Date: 12/29/94

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Sheet No. \_\_\_\_\_

of: **C1**



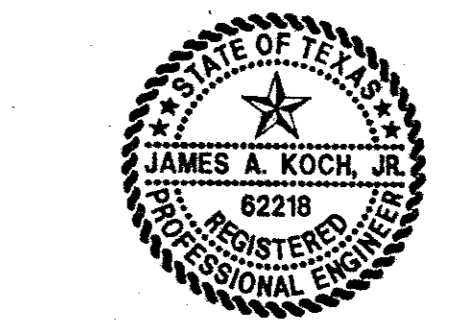
**LEGEND**

FD	FIRE HYDRANT
PP	POWER POLE
LS	LIGHT STANDARD
WM	WATER METER
WC	WATER VALVE
CO	CLEANOUT
MH	MANHOLE
GM	GAS METER
---	PROPERTY LINE
///	REMOVE EXIST. PAVEMENT

**NOTE:**  
EXISTING IRRIGATION AND ELECTRICAL IN CONSTRUCTION AREA. CONTRACTOR TO TAKE STEPS TO PROTECT EXISTING SYSTEMS AND MARK FOR FUTURE USE. ADJUST AS NEEDED.

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.

- NOTES:**
- TREE PROTECTION FENCING SHALL BE PLASTIC POLYMER SAFETY FENCE, MODEL BX2050 SAFETY GRID, MANUFACTURED BY TENSAR CORPORATION, MORROW, GA 30260, OR APPROVED EQUAL. COLOR SHALL BE HIGH VISIBILITY ORANGE.
    - STAKES FOR FENCING SHALL BE 2" x 4" WOOD POSTS, 7 FEET DRIVEN A MINIMUM OF 3 FEET INTO THE GROUND. POSTS SHALL BE SPACED 8 FEET O.C. MAXIMUM.
  - FENCING SHALL BE INSTALLED AT THE DRIP LINE OF TREES TO BE PROTECTED, UNLESS OTHERWISE APPROVED BY THE ARCHITECT.
    - WHERE PERMEABLE PAVING IS TO BE INSTALLED, ERECT THE FENCE AT OUTER LIMITS OF THE PERMEABLE PAVING AREA.
    - WHERE TREES ARE CLOSE TO PROPOSED BUILDINGS, ERECT THE FENCE NO CLOSER THAN 6 FEET TO THE BUILDING.
    - WHERE THERE ARE SEVERE SPACE CONSTRAINTS, CONTACT THE ARCHITECT TO DISCUSS ALTERNATIVES.

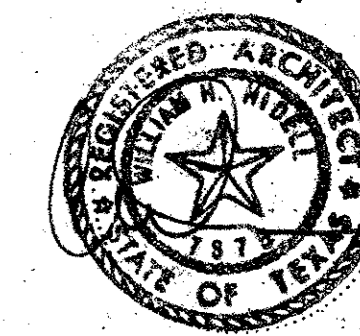
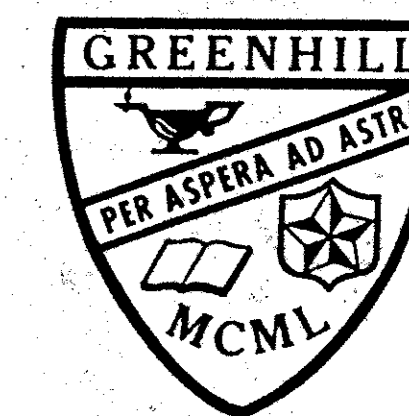


SHEET 1 OF 2

PACHECO KOCH Consulting Engineers, Inc. 9401 LBJ Freeway, Suite 300 Dallas, Texas 75243 (214) 235-3031  
Civil Engineering - Land Surveying

<b>DEMOLITION PLAN</b>					
<b>BUILDING EXPANSION</b>					
<b>GREENHILL SCHOOL</b>					
<b>ABST No. 273, DALLAS COUNTY</b>					
<b>TOWN OF ADDISON, TEXAS</b>					
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE
JAK	BB	JUNE 1994	1"=20'		C1

REVISED: 12/12/94



Revisions

1.	2/06/93

Job No. 93031.A

Issue Date: 12/21/94

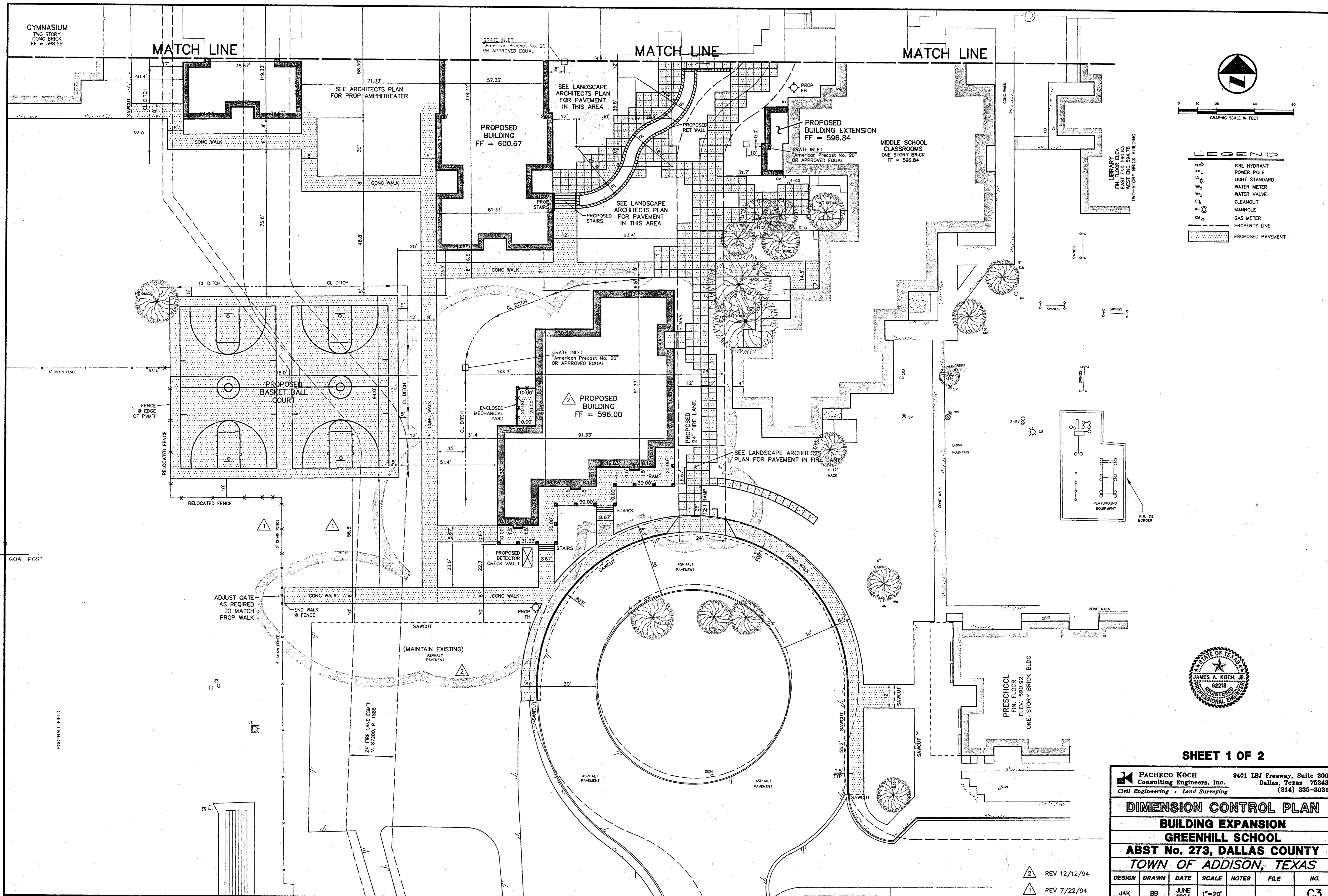
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Sheet No.

of:

C3



**SHEET 1 OF 2**

**PACHECO KOCH** 9401 LBJ Freeway, Suite 300  
Consulting Engineers, Inc. Dallas, Texas 75243  
Civil Engineering • Land Surveying (214) 235-3031

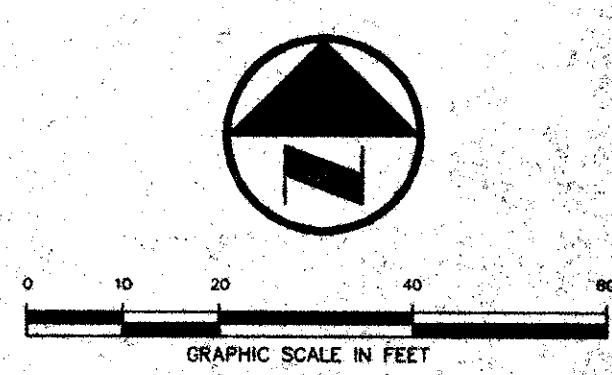
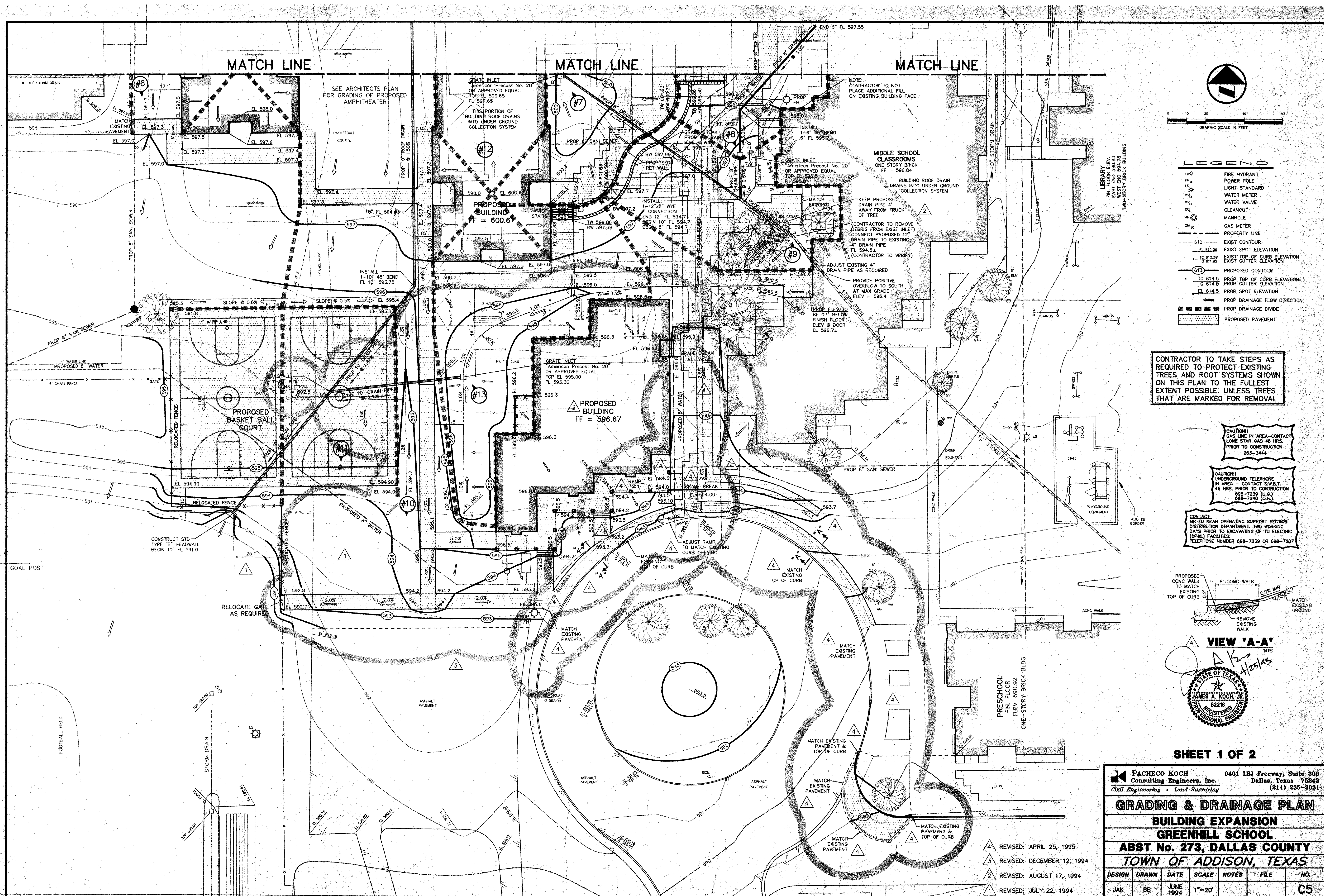
DIMENSION CONTROL PLAN						
BUILDING EXPANSION						
GREENHILL SCHOOL						
ABST No. 273, DALLAS COUNTY						
TOWN OF ADDISON, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
JAK	BB	JUNE 1994	1"=20'			C3

REV 12/12/94  
REV 7/22/94

PK NO: 1082-94.098 DWG NO: 1082-24A



HIDELL



**LEGEND**

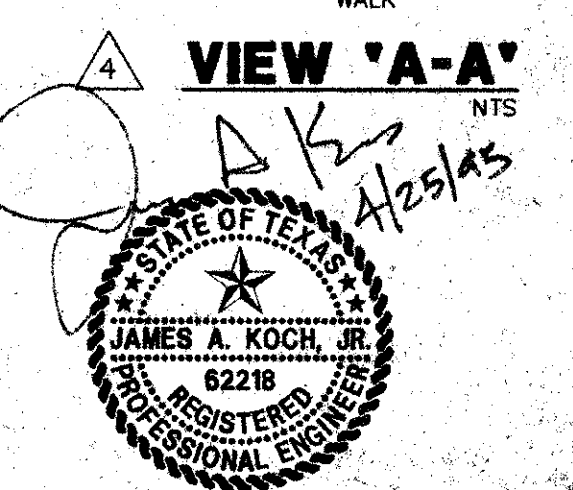
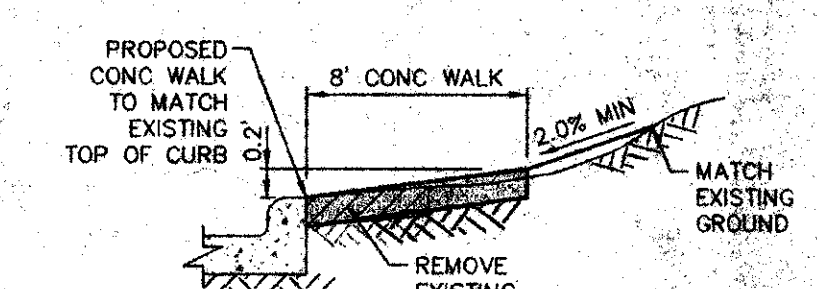
- FIRE HYDRANT
- POWER POLE
- LIGHT STANDARD
- WATER METER
- WATER VALVE
- CLEANOUT
- MANHOLE
- GAS METER
- PROPERTY LINE
- EXIST CONTOUR
- EXIST SPOT ELEVATION
- EXIST TOP OF CURB ELEVATION
- EXIST GUTTER ELEVATION
- PROPOSED CONTOUR
- EXIST TOP OF CURB ELEVATION
- EXIST GUTTER ELEVATION
- EXIST SPOT ELEVATION
- PROP DRAINAGE FLOW DIRECTION
- PROP DRAINAGE DIVIDE
- PROPOSED PAVEMENT

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.

CAUTION! GAS LINE IN AREA - CONTACT LONE STAR GAS 48 HRS. PRIOR TO CONSTRUCTION 283-3444

CAUTION! UNDERGROUND TELEPHONE IN AREA - CONTACT S.W.A.T. 48 HRS. PRIOR TO CONSTRUCTION 688-7238 (O.R.) 688-7242 (O.R.)

CONTACT: MR ED REAN OPERATING SUPPORT SECTION DISTRIBUTION DEPARTMENT TWO WORKING DAYS PRIOR TO EXCAVATING OF TU ELECTRIC (DPA) FACILITIES TELEPHONE NUMBER 688-7239 OR 688-7207



SHEET 1 OF 2

**PACHECO KOCH** Consulting Engineers, Inc. 9401 LBJ Freeway, Suite 300 Dallas, Texas 75243 (214) 235-9031  
 Civil Engineering • Land Surveying

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

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
JAK	BB	JUNE 1994	1"=20'			C5

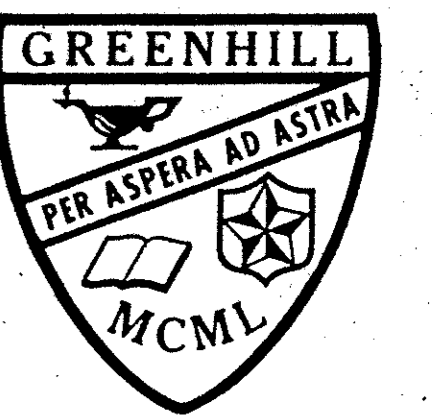
- ▲ REVISED: APRIL 25, 1995
- ▲ REVISED: DECEMBER 12, 1994
- ▲ REVISED: AUGUST 17, 1994
- ▲ REVISED: JULY 22, 1994

Revisions

Job No. \_\_\_\_\_

Sheet No. \_\_\_\_\_

of: **C5**

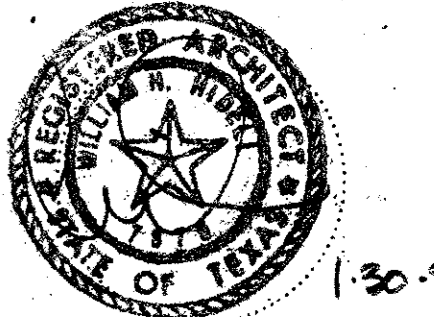


ADMINISTRATION BUILDING

HIDELL

ARCHITECTS

2811 MCKINNEY AVENUE, SUITE 207  
DALLAS, TEXAS 75204 714 855-0335



LAKE/PLATO ARCHITECTS, INC.  
311 Third Street, Ste. 200  
San Antonio, Texas 78205  
(210) 227-3335

SASAKI ASSOCIATES, INC.  
1925 San Jacinto  
Dallas, Texas 75201  
(214) 922-9380

RAYMOND L. GOODSON, JR., INC.  
10440 N. Central Exp. #600  
Dallas, Texas 75231  
(214) 739-8100

RONALD G. GERMAN, P.E.  
11325 Pegasus, W102  
Dallas, Texas 75238  
(214) 553-8113

PACHECO KOCH, INC.  
9401 LBJ Freeway, #300  
Dallas, Texas 75243  
(214) 235-3031

Revisions

1. 2/06/95

Job No. 93081, A

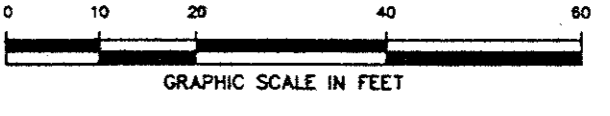
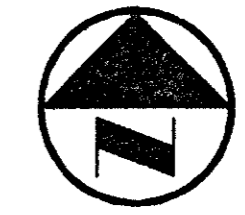
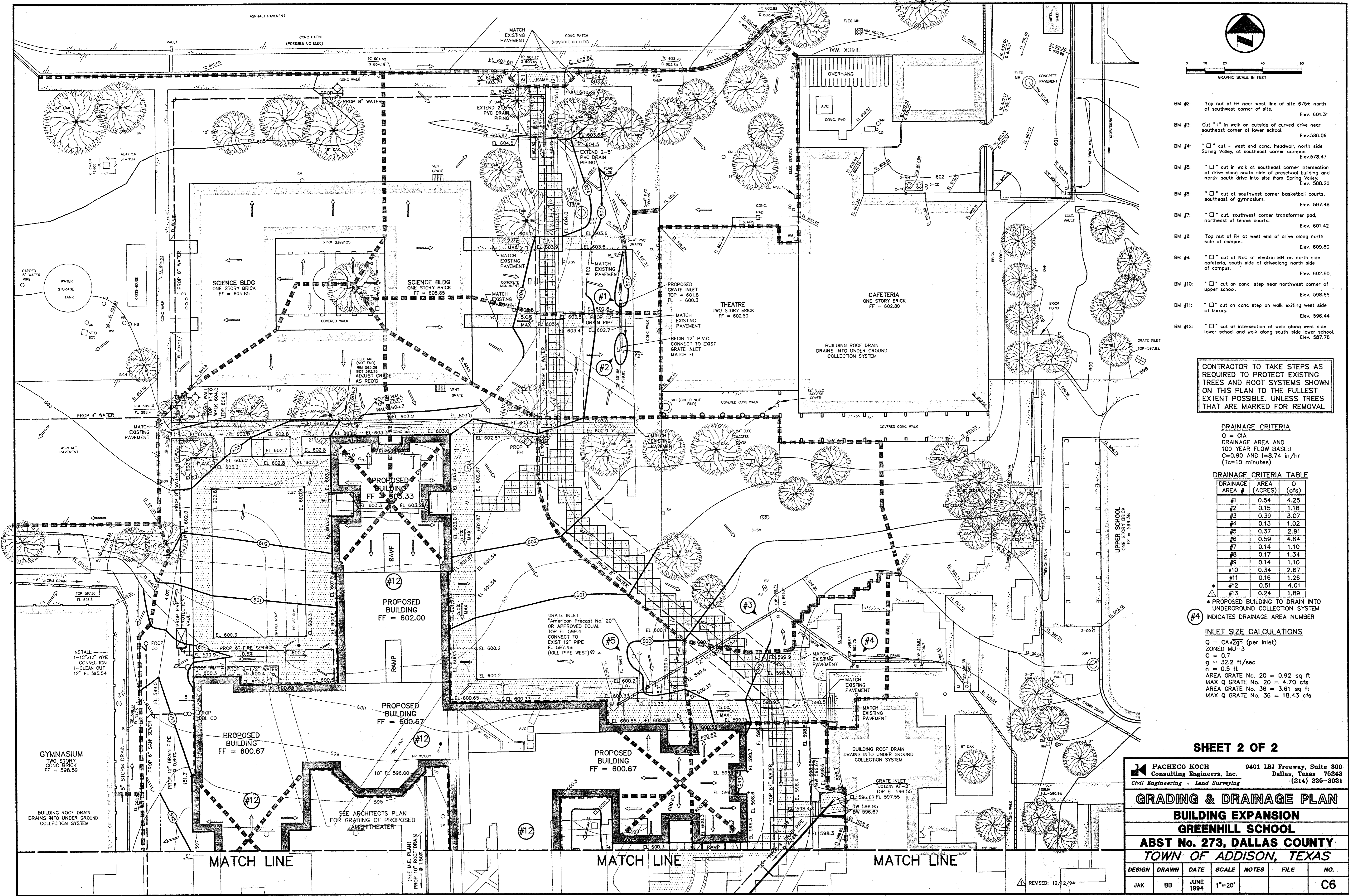
Issue Date: 12/29/94

Drawn By:

Checked By:

Sheet No.

of: C6



- BM #2: Top nut of FH near west line of site 675± north of southwest corner of site. Elev. 601.31
- BM #3: Cut "x" in walk on outside of curved drive near southeast corner of lower school. Elev. 586.06
- BM #4: "x" cut - west end conc. headwall, north side Spring Valley, at southeast corner campus. Elev. 578.47
- BM #5: "x" 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: "x" cut at southwest corner basketball courts, southeast of gymnasium. Elev. 597.48
- BM #7: "x" cut, southwest 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: "x" cut at NEC of electric MH on north side cafeteria, south side of driveway along north side of campus. Elev. 602.80
- BM #10: "x" cut on conc. step near northwest corner of upper school. Elev. 598.85
- BM #11: "x" cut on conc step on walk exiting west side of library. Elev. 596.44
- BM #12: "x" cut at intersection of walk along west side lower school and walk along south side lower school. Elev. 587.78

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

**DRAINAGE CRITERIA**

Q = CA  
DRAINAGE AREA AND 100 YEAR FLOW BASED  
C=0.90 AND I=8.74 in/hr  
(Tc=10 minutes)

**DRAINAGE CRITERIA TABLE**

DRAINAGE AREA #	AREA (ACRES)	Q (cfs)
#1	0.54	4.25
#2	0.15	1.18
#3	0.39	3.07
#4	0.13	1.02
#5	0.37	2.91
#6	0.59	4.64
#7	0.14	1.10
#8	0.17	1.34
#9	0.14	1.10
#10	0.34	2.67
#11	0.16	1.26
#12	0.51	4.01
#13	0.24	1.89

\* PROPOSED BUILDING TO DRAIN INTO UNDERGROUND COLLECTION SYSTEM

#4 INDICATES DRAINAGE AREA NUMBER

**INLET SIZE CALCULATIONS**

Q = CA<sup>2/3</sup> (per inlet)  
ZONED MU-3  
C = 0.7  
g = 32.2 ft/sec  
h = 0.5 ft  
AREA GRATE No. 20 = 0.92 sq ft  
MAX Q GRATE No. 20 = 4.70 cfs  
AREA GRATE No. 36 = 3.61 sq ft  
MAX Q GRATE No. 36 = 18.43 cfs

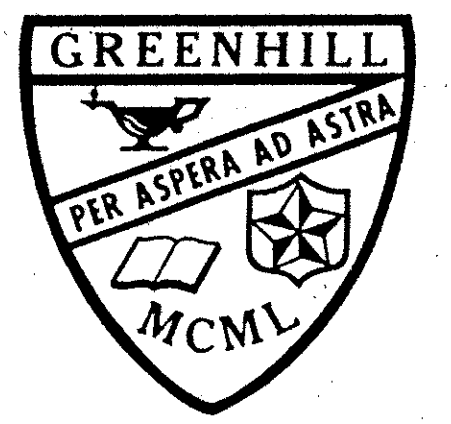
SHEET 2 OF 2

**PACHECO KOCH** Consulting Engineers, Inc.  
9401 LBJ Freeway, Suite 300  
Dallas, Texas 75243  
(214) 235-3031  
Civil Engineering • Land Surveying

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

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
JAK	BB	JUNE 1994	1"=20'			C6

REVISED: 12/12/94

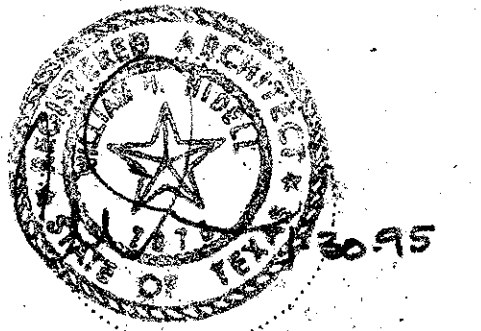


ADMINISTRATION  
BUILDING

HIDEELL

ARCHITECTS

2811 MCKINNEY AVENUE, SUITE 207  
DALLAS, TEXAS 75204 214 855-0335



LAKE/PLATO ARCHITECTS, INC.  
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(210) 227-3335

SASAKI ASSOCIATES, INC.  
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Dallas, Texas 75238  
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PACHECO KOCH, INC.  
9401 LBJ Fwy., #300  
Dallas, Texas 75243  
(214) 235-3031

Revisions

1.	3/6/95

Job No. 93031 A

Issue Date: 12/29/94

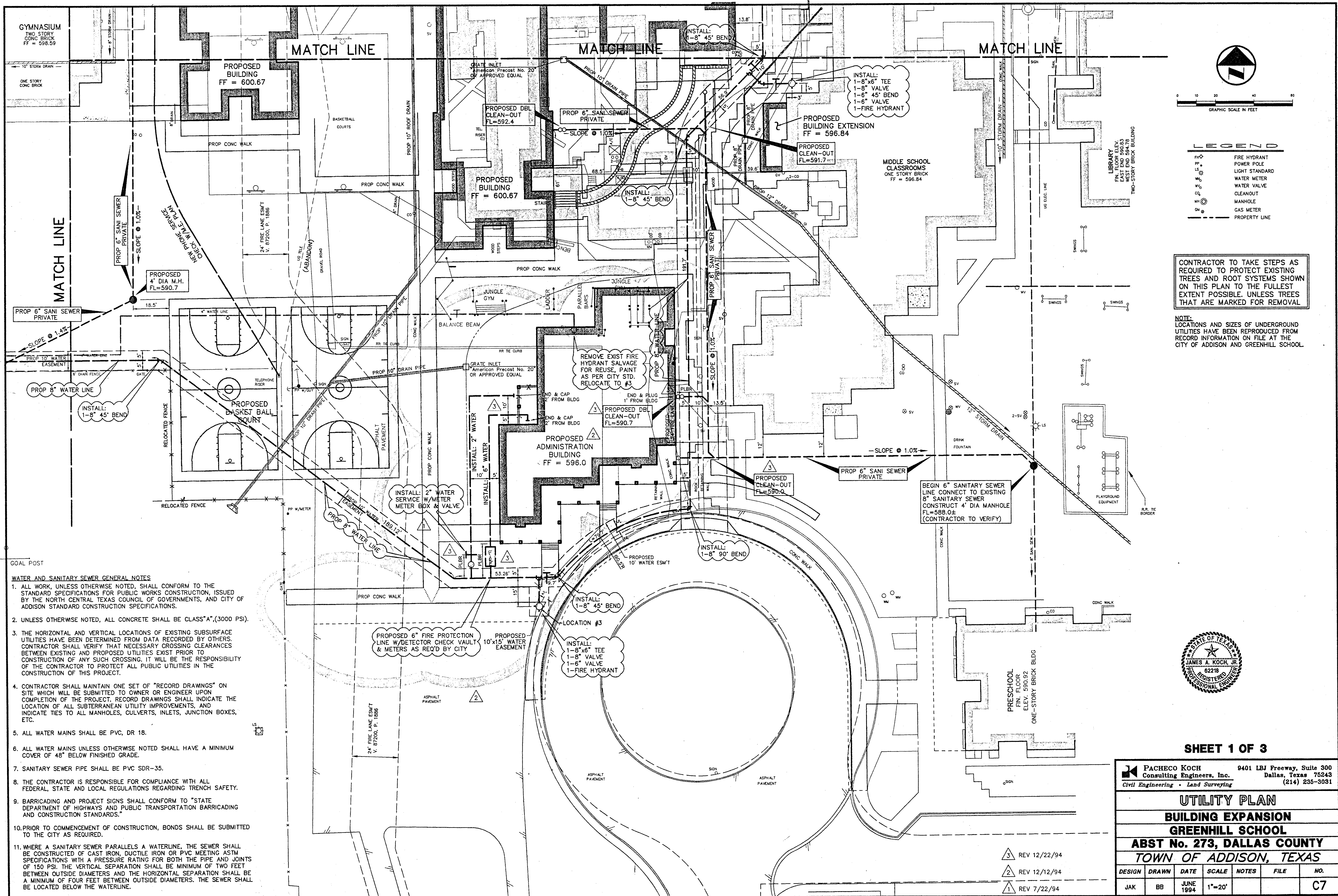
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Checked By:

Sheet No.

of:

C7



- WATER AND SANITARY SEWER GENERAL NOTES**
1. ALL WORK, UNLESS OTHERWISE NOTED, SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, ISSUED BY THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS, AND CITY OF ADDISON STANDARD CONSTRUCTION SPECIFICATIONS.
  2. UNLESS OTHERWISE NOTED, ALL CONCRETE SHALL BE CLASS "A", (3000 PSI).
  3. THE HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING SUBSURFACE UTILITIES HAVE BEEN DETERMINED FROM DATA RECORDED BY OTHERS. CONTRACTOR SHALL VERIFY THAT NECESSARY CROSSING CLEARANCES BETWEEN EXISTING AND PROPOSED UTILITIES EXIST PRIOR TO CONSTRUCTION OF ANY SUCH CROSSING. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL PUBLIC UTILITIES IN THE CONSTRUCTION OF THIS PROJECT.
  4. CONTRACTOR SHALL MAINTAIN ONE SET OF "RECORD DRAWINGS" ON SITE WHICH WILL BE SUBMITTED TO OWNER OR ENGINEER UPON COMPLETION OF THE PROJECT. RECORD DRAWINGS SHALL INDICATE THE LOCATION OF ALL SUBTERRANEAN UTILITY IMPROVEMENTS, AND INDICATE TIES TO ALL MANHOLES, CULVERTS, INLETS, JUNCTION BOXES, ETC.
  5. ALL WATER MAINS SHALL BE PVC, DR 18.
  6. ALL WATER MAINS UNLESS OTHERWISE NOTED SHALL HAVE A MINIMUM COVER OF 48" BELOW FINISHED GRADE.
  7. SANITARY SEWER PIPE SHALL BE PVC SDR-35.
  8. THE CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS REGARDING TRENCH SAFETY.
  9. BARRICADING AND PROJECT SIGNS SHALL CONFORM TO "STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION BARRICADING AND CONSTRUCTION STANDARDS."
  10. PRIOR TO COMMENCEMENT OF CONSTRUCTION, BONDS SHALL BE SUBMITTED TO THE CITY AS REQUIRED.
  11. WHERE A SANITARY SEWER PARALLELS A WATERLINE, THE SEWER SHALL BE CONSTRUCTED OF CAST IRON, DUCTILE IRON OR PVC MEETING ASTM SPECIFICATIONS WITH A PRESSURE RATING FOR BOTH THE PIPE AND JOINTS OF 150 PSI. THE VERTICAL SEPARATION SHALL BE MINIMUM OF TWO FEET BETWEEN OUTSIDE DIAMETERS AND THE HORIZONTAL SEPARATION SHALL BE A MINIMUM OF FOUR FEET BETWEEN OUTSIDE DIAMETERS. THE SEWER SHALL BE LOCATED BELOW THE WATERLINE.

**SHEET 1 OF 3**

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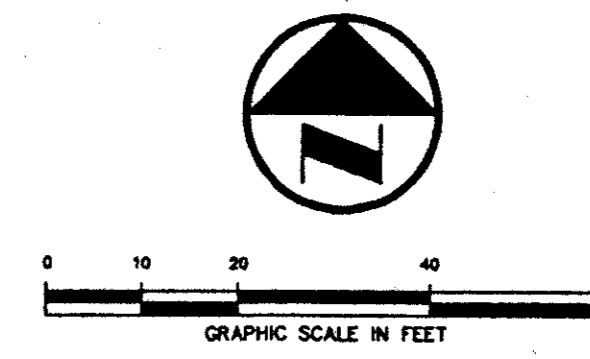
9401 LBJ Freeway, Suite 300  
 Dallas, Texas 75243  
 (214) 235-3031

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

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
JAK	BB	JUNE 1994	1"=20'			C7

REV 12/22/94  
 REV 12/12/94  
 REV 7/22/94

PK NO: 1082-94-098  
 DWG NO: 1082-28A



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.

NOTE: LOCATIONS AND SIZES OF UNDERGROUND UTILITIES HAVE BEEN REPRODUCED FROM RECORD INFORMATION ON FILE AT THE CITY OF ADDISON AND GREENHILL SCHOOL.

- BM #2: Top nut of FH near west line of site 6752 north of southwest corner of site. Elev. 601.31
- BM #3: Cut "x" in walk on outside of curved drive near southeast corner of lower school. Elev. 586.06
- BM #4: "x" cut - west end conc. headwall, north side Spring Valley, at southeast corner campus. Elev. 578.47
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# HIDELL

ARCHITECTS

2811 MCKINNEY AVENUE, SUITE 207  
DALLAS, TEXAS 75204 214 855-0335

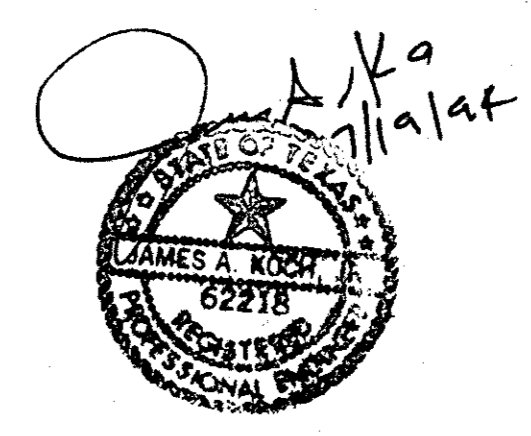
LAKE/FLATO ARCHITECTS, INC.  
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Dallas, Texas 75238  
(214) 553-8113

PACHECO KOCH, INC.  
9401 LBJ Freeway, #300  
Dallas, Texas 75243  
(214) 235-3031



SHEET 2 OF 3

**PACHECO KOCH**  
Consulting Engineers, Inc. 9401 LBJ Freeway, Suite 300 Dallas, Texas 75243  
Civil Engineering • Land Surveying (214) 235-3031

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

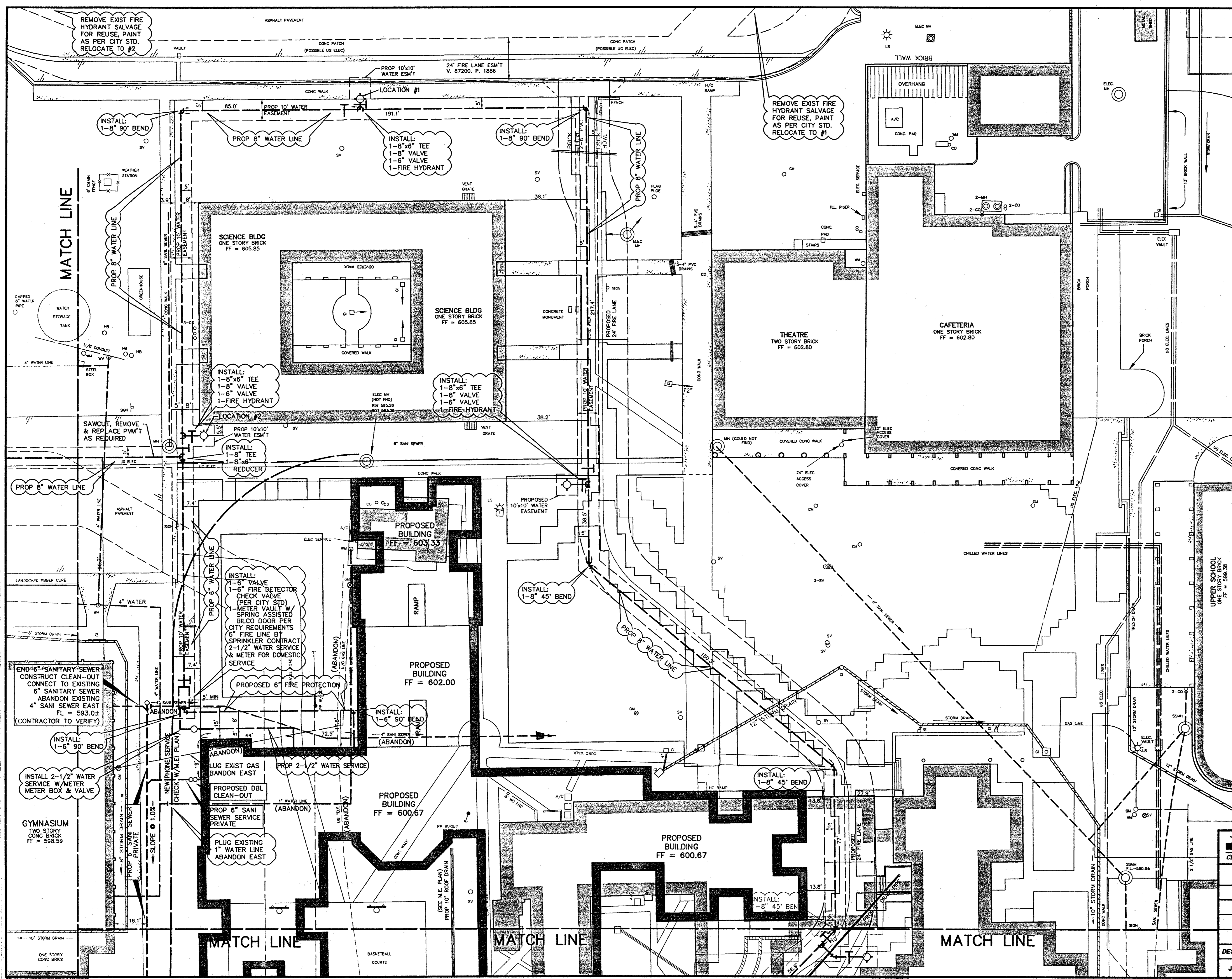
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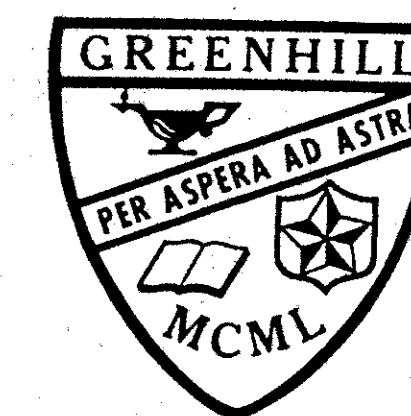
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Revisions


Job No. \_\_\_\_\_  
Issue Date: \_\_\_\_\_  
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Sheet No. \_\_\_\_\_  
of: \_\_\_\_\_

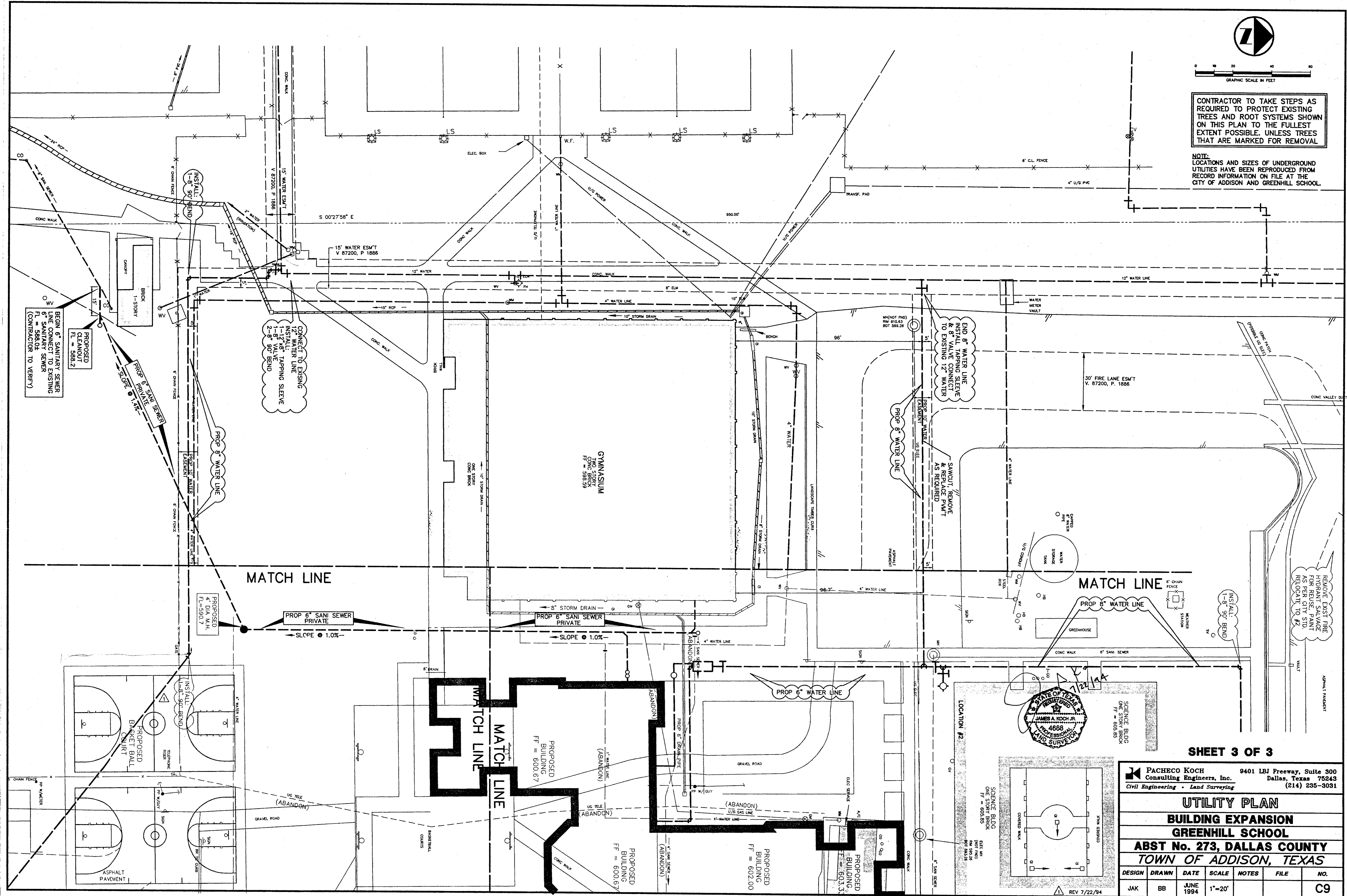




GRAPHIC SCALE IN FEET  
0 10 20 30 40

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

NOTE: LOCATIONS AND SIZES OF UNDERGROUND UTILITIES HAVE BEEN REPRODUCED FROM RECORD INFORMATION ON FILE AT THE CITY OF ADDISON AND GREENHILL SCHOOL.



MATCH LINE

MATCH LINE

SHEET 3 OF 3

**PACHECO KOCH** Consulting Engineers, Inc. 9401 LBJ Freeway, Suite 300 Dallas, Texas 75243 (214) 235-3031  
Civil Engineering - Land Surveying

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

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
JAK	BB	JUNE 1994	1"=20'			C9

PK No: 1082-94.098 DWG No: 1082-28C

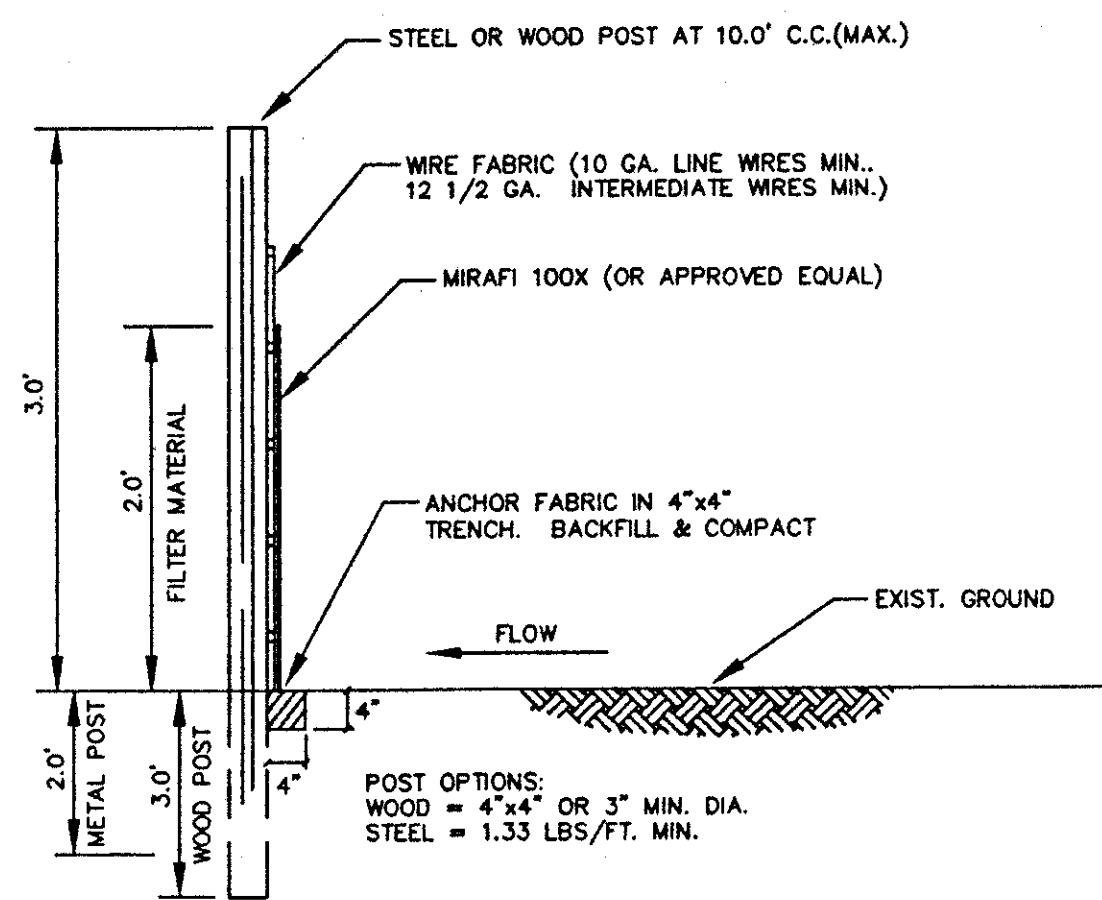
- LAKE/ELATO ARCHITECTS, INC.**  
311 Third Street, Ste. 200  
San Antonio, Texas 78205  
(210) 227-3335
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1925 San Jacinto  
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- PACHECO KOCH, INC.**  
9401 LBJ Fwy., #300  
Dallas, Texas 75243  
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Revisions

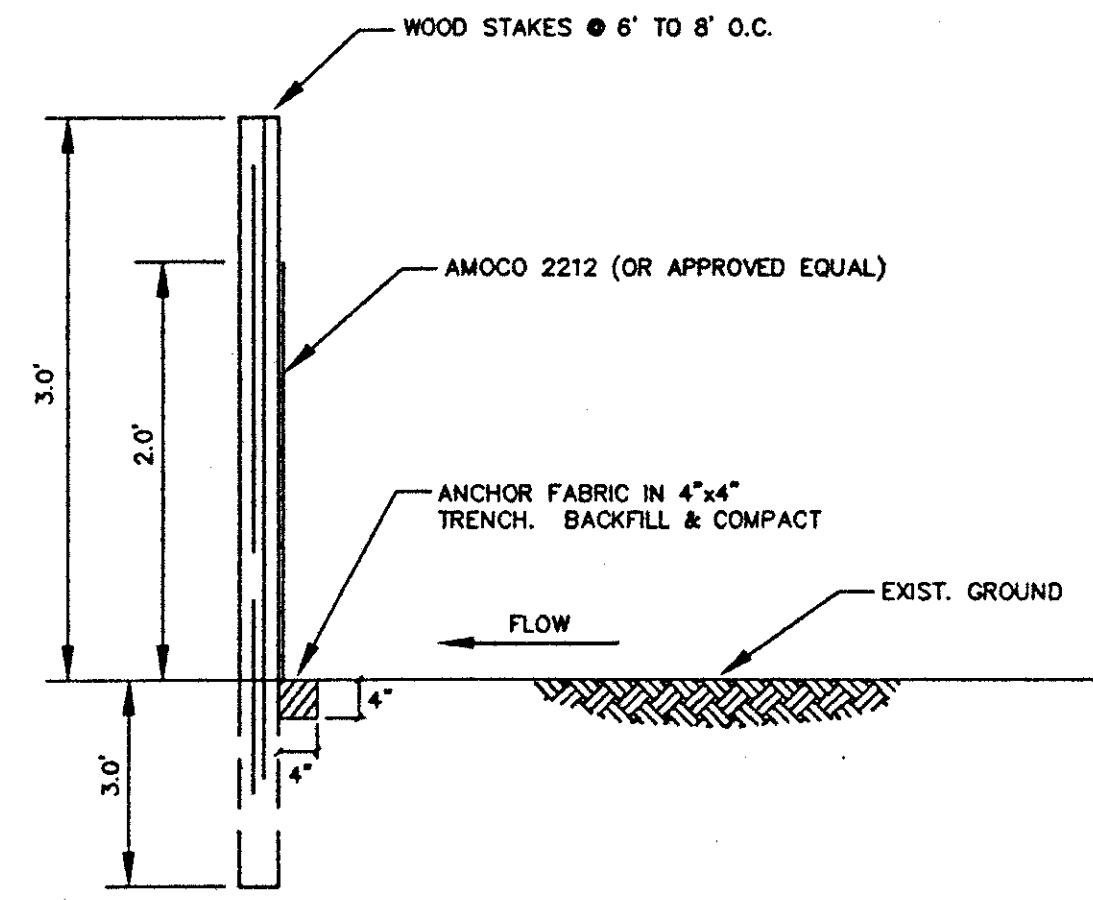

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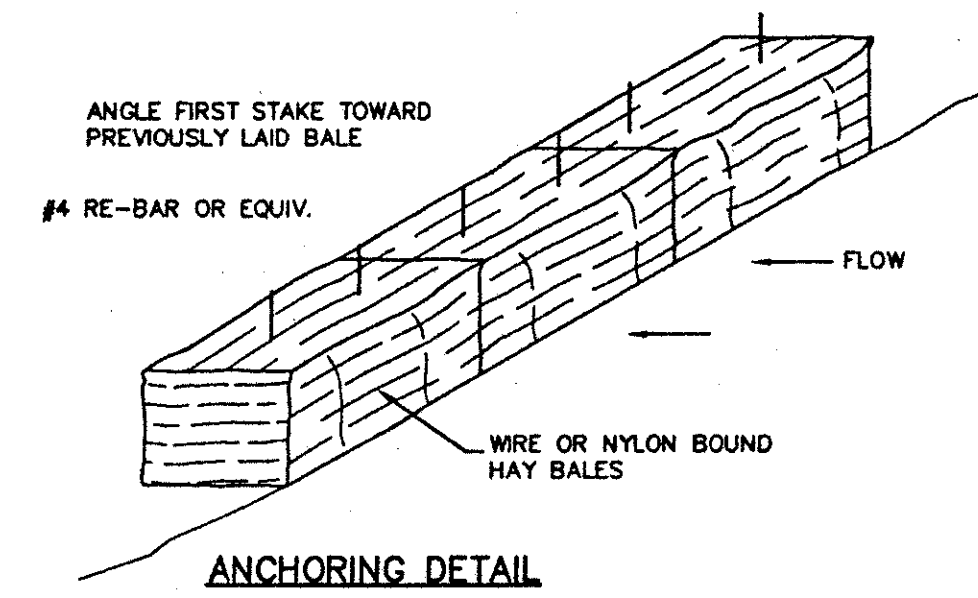
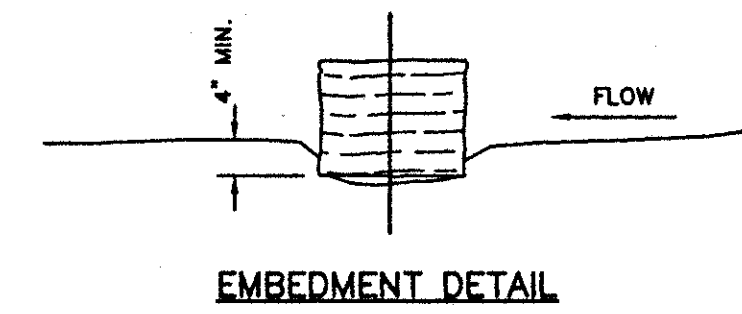
of: \_\_\_\_\_



**HIGH FLOW SILT FENCE DETAIL:**  
TYPICAL TEMPORARY FILTER FABRIC WITH WIRE FABRIC  
N.T.S.

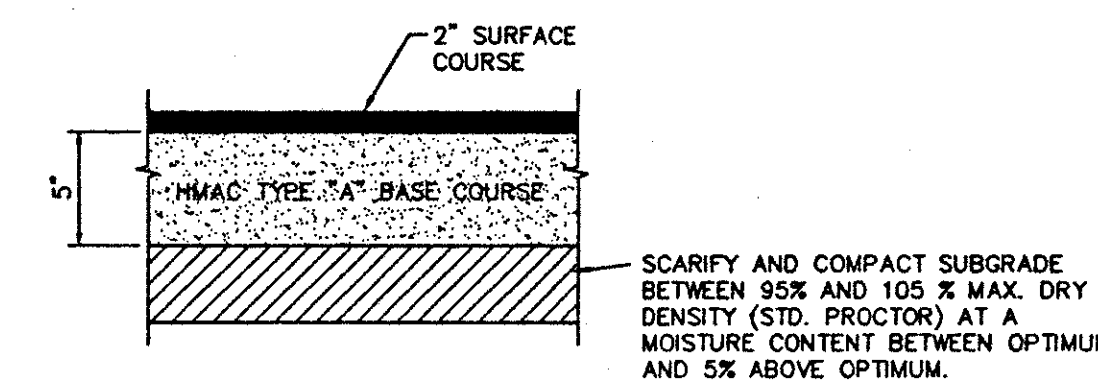


**LOW FLOW SILT FENCE DETAIL:**  
TYPICAL TEMPORARY FILTER FABRIC WITHOUT WIRE FABRIC  
N.T.S.

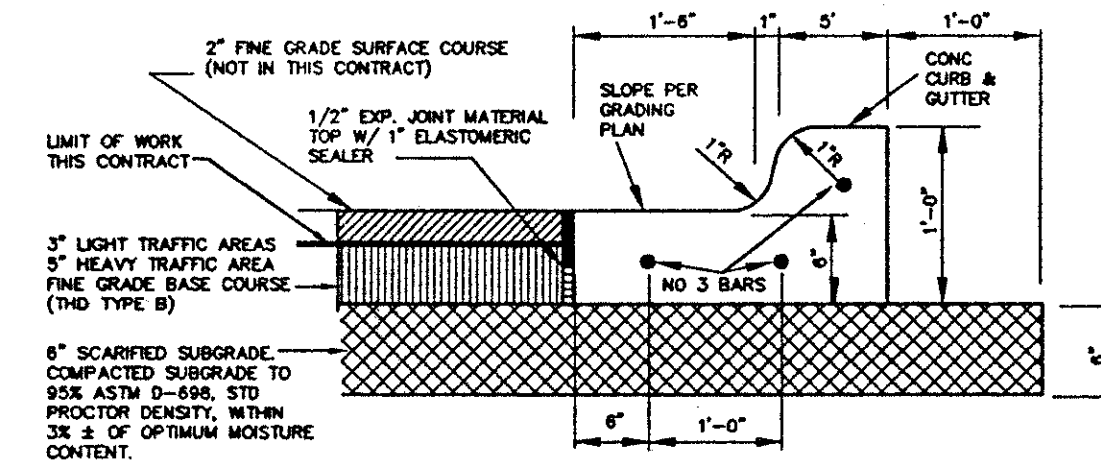


- EROSION CONTROL DETAIL:**
1. DURING THE CONSTRUCTION PERIOD, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN HAY BALE CHECK DAMS PER THE DETAIL, IN THE AREAS INDICATED ON THE GRADING PLAN AND ANY OTHER AREAS AS DIRECTED BY THE ENGINEER.
  2. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN HAY BALES AROUND ANY OPENINGS INTO THE STORM SEWER SYSTEM UNTIL THE PROJECT IS COMPLETED.

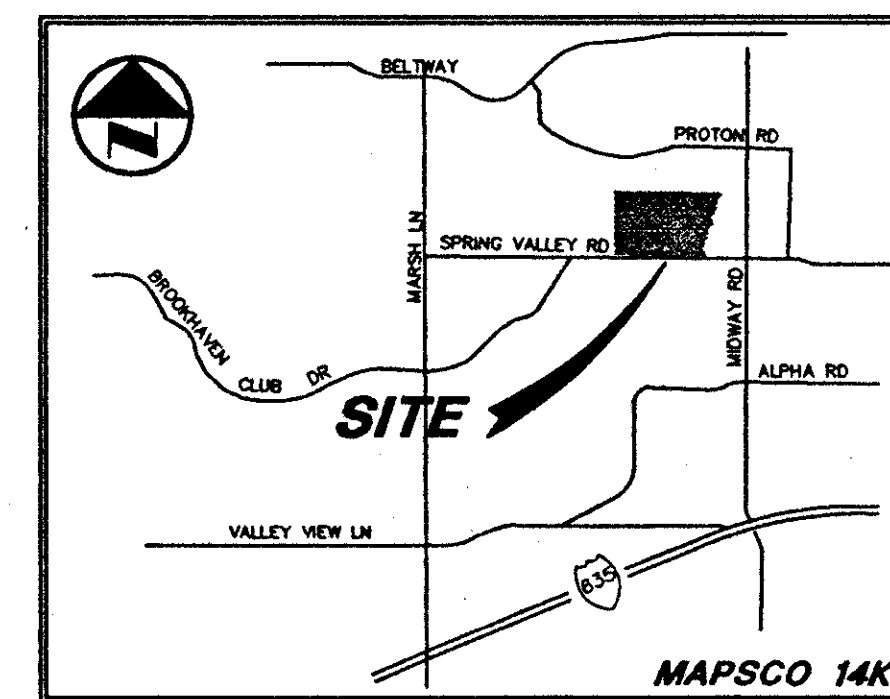
**11 EROSION CONTROL DETAIL**  
NOT TO SCALE



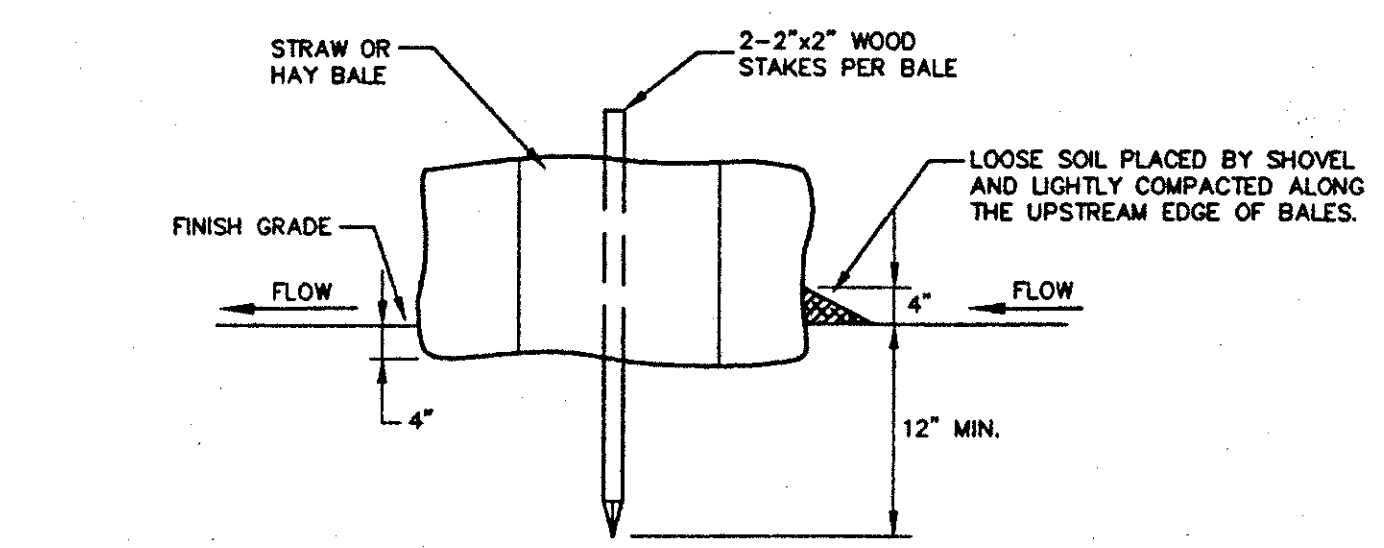
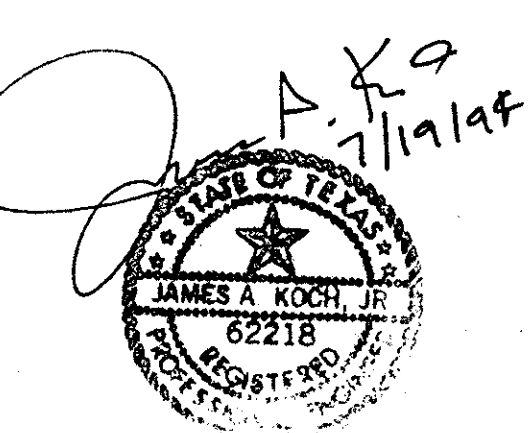
**25 ASPHALT PAVEMENT SECTION**  
NOT TO SCALE



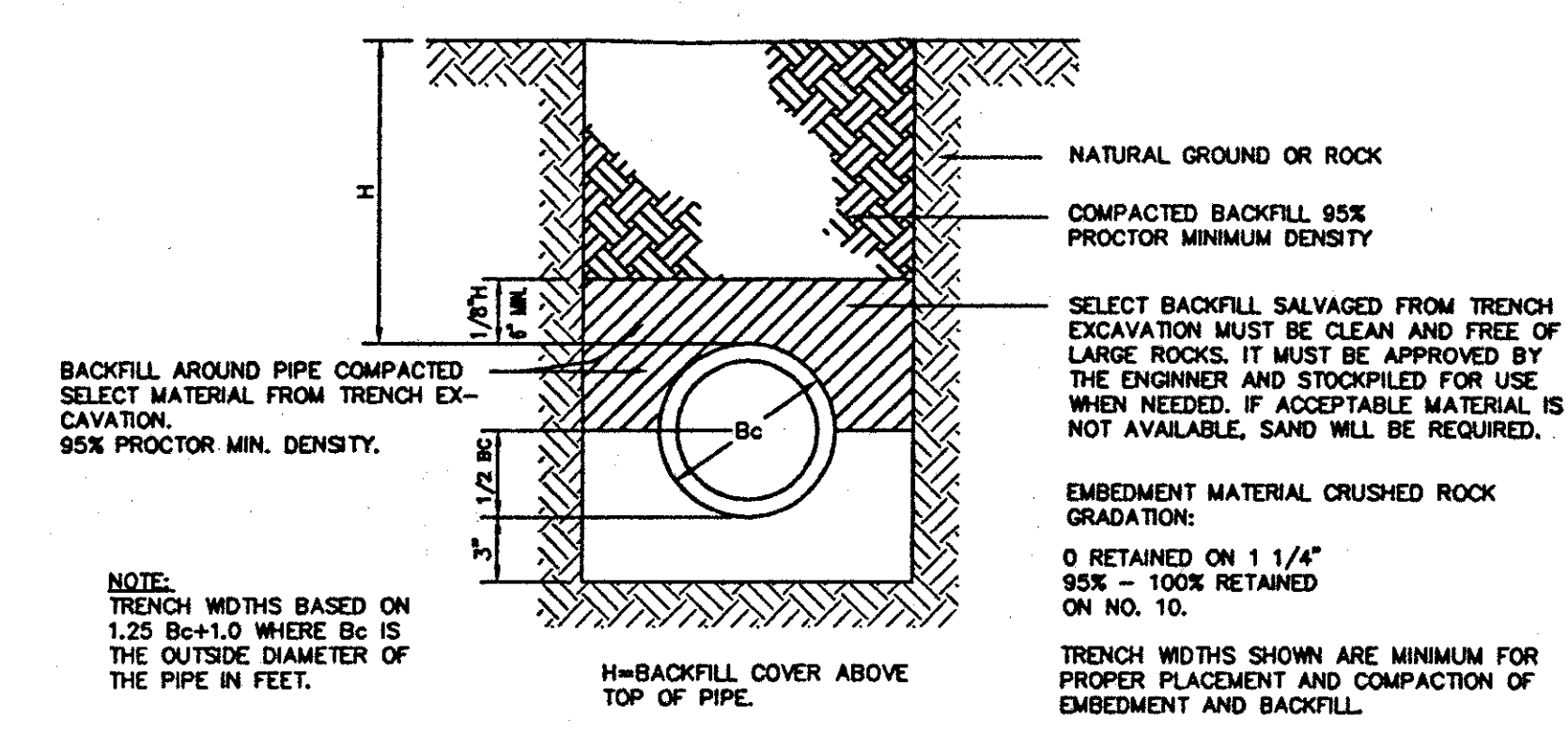
**SEPARATE CURB AND ASPHALT PAVING**  
NO SCALE



**VICINITY MAP**



**TYPICAL ENTRENCHED BALE PLACEMENT**  
N.T.S.



**REINFORCED CONCRETE CLASS III PIPE INSTALLATION (EMBEDMENT DETAIL)**

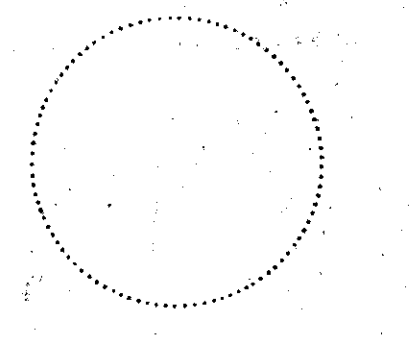
- DRAINAGE GENERAL NOTES**
1. ALL WORK, UNLESS OTHERWISE NOTED, SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, ISSUED BY THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS, AND CITY OF DALLAS STANDARD CONSTRUCTION SPECIFICATIONS.
  2. UNLESS OTHERWISE NOTED, ALL CONCRETE SHALL BE CLASS "A", (3000 PSI).
  3. THE HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING SUBSURFACE UTILITIES HAVE BEEN DETERMINED FROM DATA RECORDED BY OTHERS. CONTRACTOR SHALL VERIFY THAT NECESSARY CROSSING CLEARANCES BETWEEN EXISTING AND PROPOSED UTILITIES EXIST PRIOR TO CONSTRUCTION OF ANY SUCH CROSSING. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL PUBLIC UTILITIES IN THE CONSTRUCTION OF THIS PROJECT.
  4. CONTRACTOR SHALL MAINTAIN ONE SET OF "RECORD DRAWINGS" ON SITE WHICH WILL BE SUBMITTED TO OWNER OR ENGINEER UPON COMPLETION OF THE PROJECT. RECORD DRAWINGS SHALL INDICATE THE LOCATION OF ALL SUBTERRANEAN UTILITY IMPROVEMENTS, AND INDICATE TIES TO ALL MANHOLES, CULVERTS, INLETS, JUNCTION BOXES, ETC.
  5. THE CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS REGARDING TRENCH SAFETY.
  6. STORM DRAIN LINES MAY BE OF THE FOLLOWING MATERIALS:
    - a. RCP C-76, CLASS III
    - b. ADS N-12
    - c. HANCOR HI-0
 INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
  7. BARRICADING AND PROJECT SIGNS SHALL CONFORM TO "STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION BARRICADING AND CONSTRUCTION STANDARDS."
  8. PRIOR TO COMMENCEMENT OF CONSTRUCTION, BONDS AND THREE-WAY CONTRACTS SHALL BE SUBMITTED TO THE CITY AS REQUIRED.

<b>PACHECO KOCH</b>		9401 LBJ Freeway, Suite 300	
Consulting Engineers, Inc.		Dallas, Texas 75243	
Civil Engineering • Land Surveying		(214) 235-3031	
<b>DETAILS SHEET</b>			
<b>BUILDING EXPANSION</b>			
<b>GREENHILL SCHOOL</b>			
<b>ABST No. 273, DALLAS COUNTY</b>			
<b>TOWN OF ADDISON, TEXAS</b>			
DESIGN	DRAWN	DATE	SCALE
JAK	BB	JUNE 1994	1"=20'
NOTES	FILE	NO.	
			C10

PK NO: 1082-94.098 DWG NO: 1082-27

**HIDEELL**  
ARCHITECTS

2811 MCKINNEY AVENUE, SUITE 207  
DALLAS, TEXAS 75204 214 855-0335



**LAKE/PLATO ARCHITECTS, INC.**  
311 Third Street, Ste. 200  
San Antonio, Texas 78205  
(210) 227-3335

**SASAKI ASSOCIATES, INC.**  
1925 San Jacinto  
Dallas, Texas 75201  
(214) 922-9380

**RAYMOND L. GOODSON, JR., INC.**  
10440 N. Central Exp. #600  
Dallas, Texas 75231  
(214) 739-8100

**RONALD G. GERMAN, P.E.**  
11325 Pegasus, W102  
Dallas, Texas 75238  
(214) 553-8113

**PACHECO KOCH, INC.**  
9401 LBJ Fwy. #300  
Dallas, Texas 75243  
(214) 235-3031

Revisions

Job No.

Issue Date:

Drawn By:

Checked By:

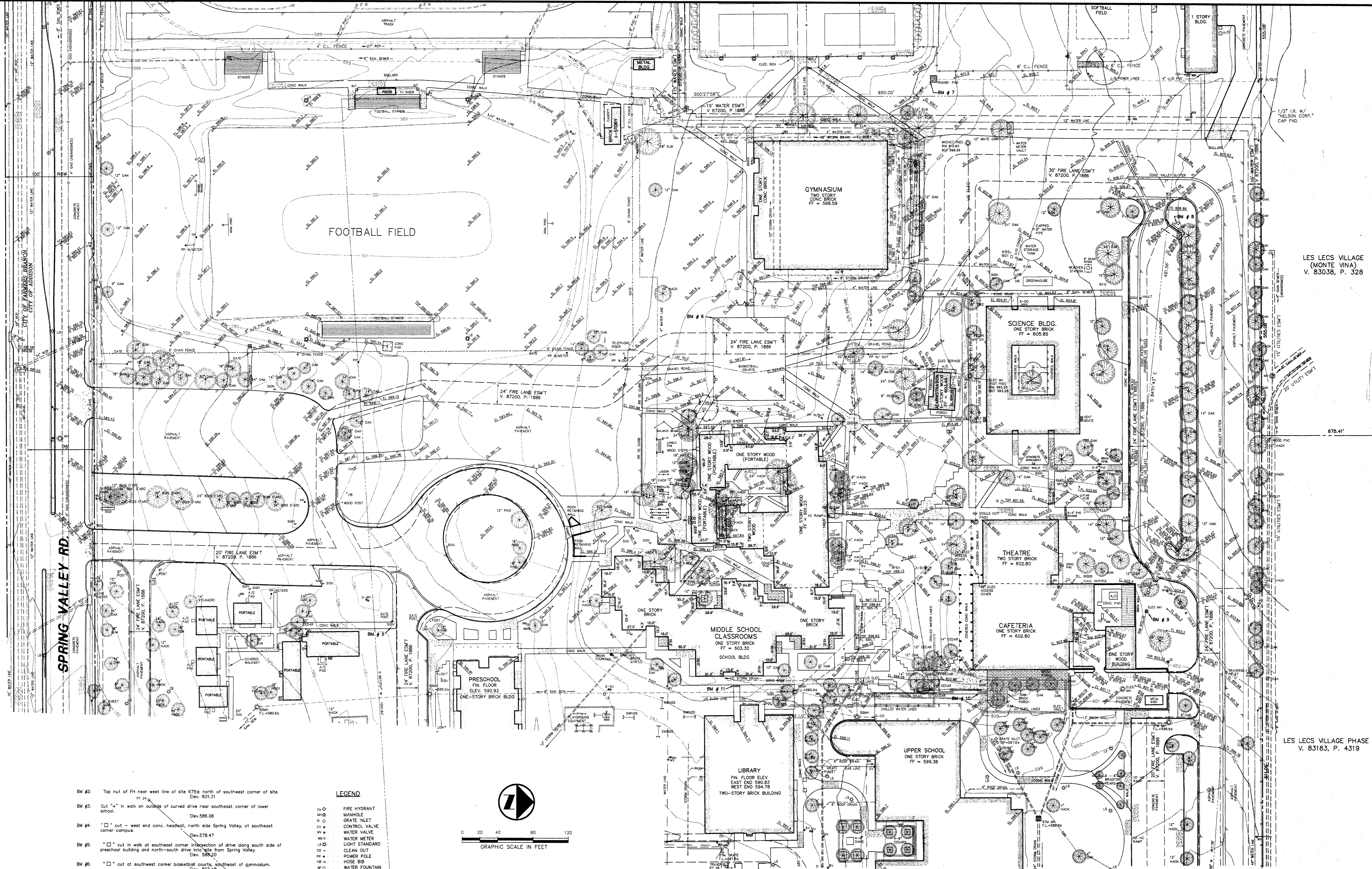
Sheet No.

of:



PHASE I  
319

PHASE I  
319

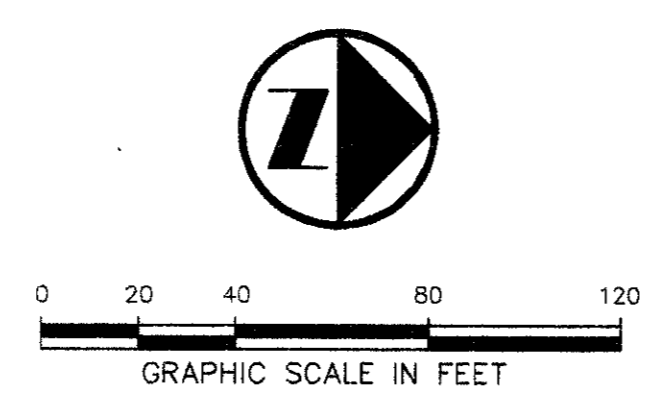


LES LECS VILLAGE (MONTE VNA)  
V. 83038, P. 328

LES LECS VILLAGE PHASE I  
V. 83183, P. 4319

- 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 in 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. 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

- LEGEND**
- ⊙ FIRE HYDRANT
  - ⊕ MANHOLE
  - ⊙ GRATE INLET
  - ⊕ CONTROL VALVE
  - ⊕ WATER VALVE
  - ⊕ WATER METER
  - ⊕ LIGHT STANDARD
  - ⊕ CLEAN OUT
  - ⊕ POWER POLE
  - ⊕ HOSE BIB
  - ⊕ WATER FOUNTAIN
  - ⊕ CONC. MONUMENT
  - ⊕ GAS METER
  - PROPERTY LINE



**NOTE**  
LOCATIONS AND SIZES OF UNDERGROUND UTILITIES SHOWN ARE BASED ON INFORMATION ON FILE AT GREENHILL, CITY OF ADDISON AND VERBAL DISCUSSION WITH GREENHILL PERSONNEL.

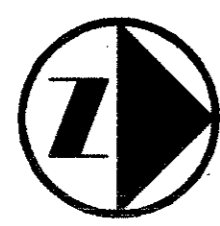
**TOPOGRAPHIC SURVEY**  
OF  
**A PORTION OF GREENHILL SCHOOL**  
THOMAS L. CHENOWETH SURVEY, ABSTRACT 273  
CITY OF ADDISON, DALLAS COUNTY, TEXAS

**PACHECO KOCH** Consulting Engineers, Inc. 9401 LBJ Freeway, Suite 800 Dallas, Texas 75248 (214) 286-9081

UPDATED JULY 26, 1993

DRAWN BY CAH/NDC	CHECKED BY JAK	SCALE 1"=40'	DATE AUG 1993	JOB NUMBER 1082-93.121
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DWG NO: 1082-12



GRAPHIC SCALE IN FEET

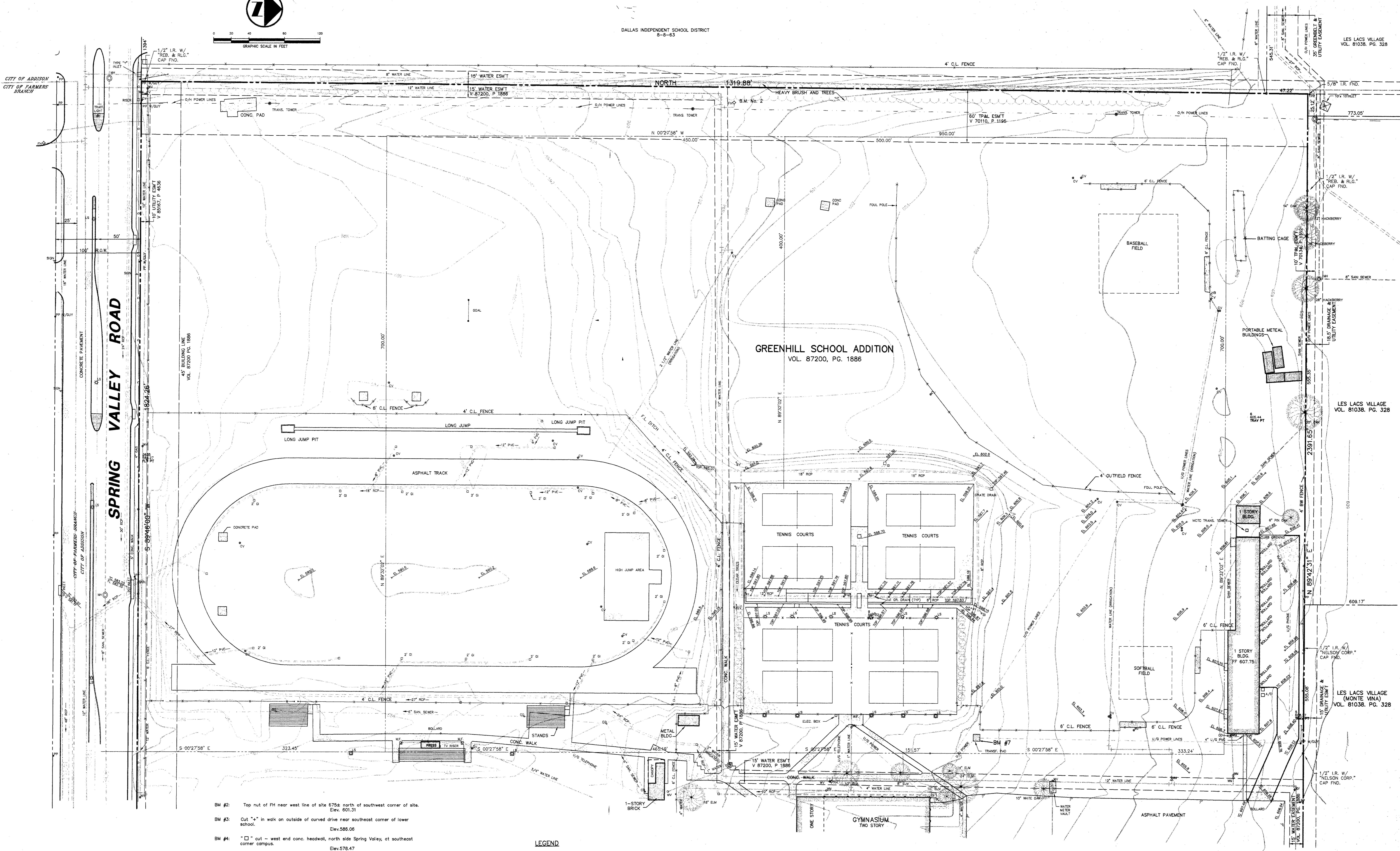
DALLAS INDEPENDENT SCHOOL DISTRICT  
8-8-83

LES LACS VILLAGE  
VOL. 81038, PG. 328

LES LACS VILLAGE  
VOL. 81038, PG. 328

LES LACS VILLAGE  
(MONTE VINA)  
VOL. 81038, PG. 328

LES LACS VILLAGE  
(MONTE VINA)  
VOL. 81038, PG. 328



- BM #2: Top nut of FH near west line of site 675± north of southwest corner of school. Elev. 601.31
- BM #3: Cut "4" in walk on outside of curved drive near southeast corner of lower school. Elev. 588.06
- 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. 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

**LEGEND**

- ⊙ F.I. FIRE HYDRANT
- ⊙ M.H. MANHOLE
- ⊙ G.I. GRATE INLET
- ⊙ C.V. CONTROL VALVE
- ⊙ W.V. WATER VALVE
- ⊙ W.M. WATER METER
- ⊙ L.S. LIGHT STANDARD
- ⊙ C.O. CLEAN OUT
- ⊙ P.P. POWER POLE
- ⊙ H.B. HOSE BIB
- ⊙ W.F. WATER FOUNTAIN
- ⊙ C.M. CONC. MONUMENT
- ⊙ G.M. GAS METER
- PROPERTY LINE

**NOTE**  
LOCATIONS AND SIZES OF UNDERGROUND UTILITIES SHOWN ARE BASED ON INFORMATION ON FILE AT GREENHILL, CITY OF ADDISON AND VERBAL DISCUSSION WITH GREENHILL PERSONNEL.

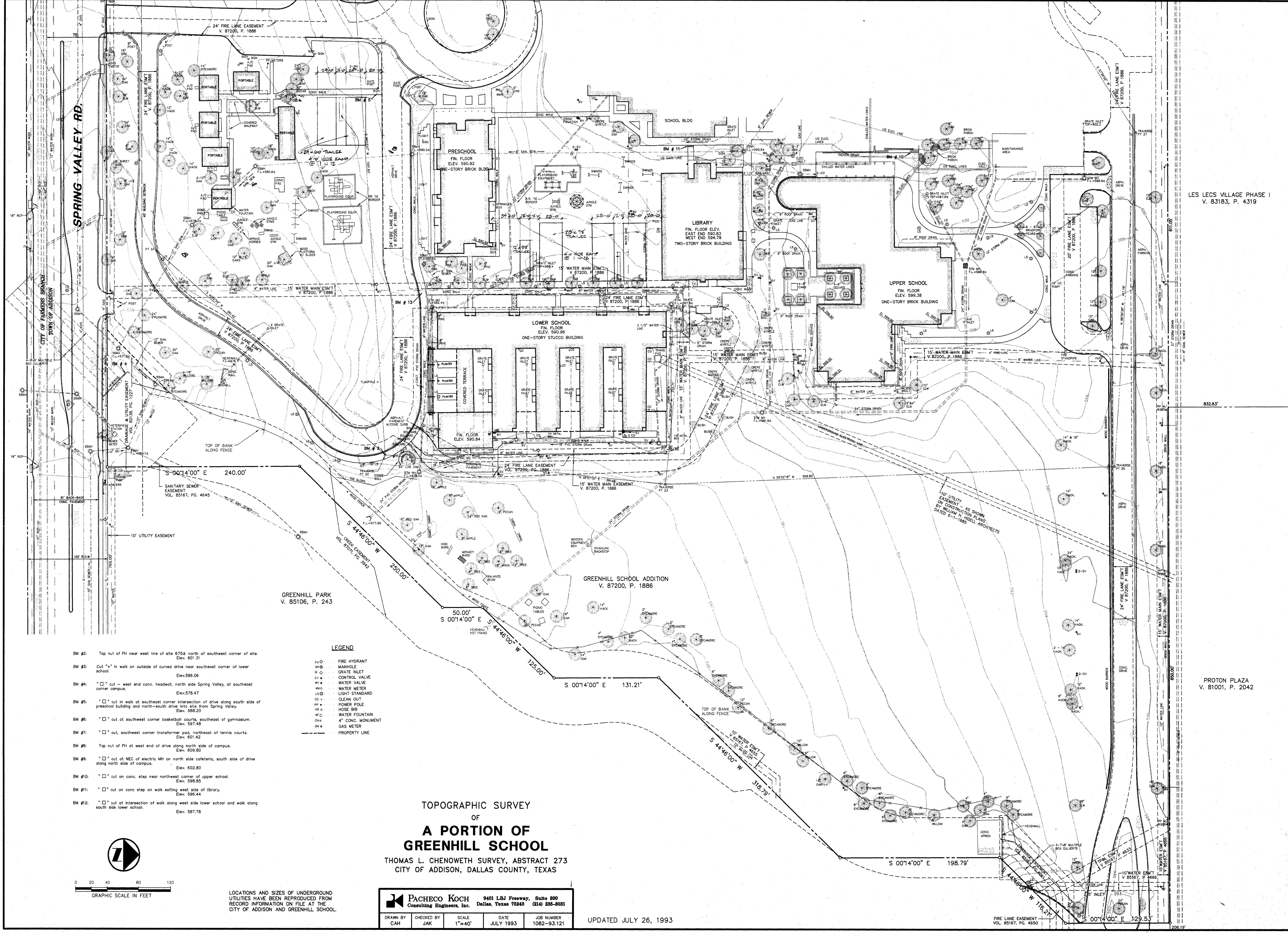
**TOPOGRAPHIC SURVEY  
OF  
A PORTION OF  
GREENHILL SCHOOL**

THOMAS L. CHENOWETH SURVEY, ABSTRACT 273  
CITY OF ADDISON, DALLAS COUNTY, TEXAS

**PACHECO KOCH**  
Consulting Engineers, Inc. 9401 LBJ Freeway, Suite 800  
Dallas, Texas 75248 (214) 285-2081

UPDATED JULY 26, 1993

DRAWN BY J.A.	CHECKED BY JAK	SCALE 1"=40'	DATE AUG 1993	JOB NUMBER 1082-83.121
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LES LECS VILLAGE PHASE I  
V. 83183, P. 4319

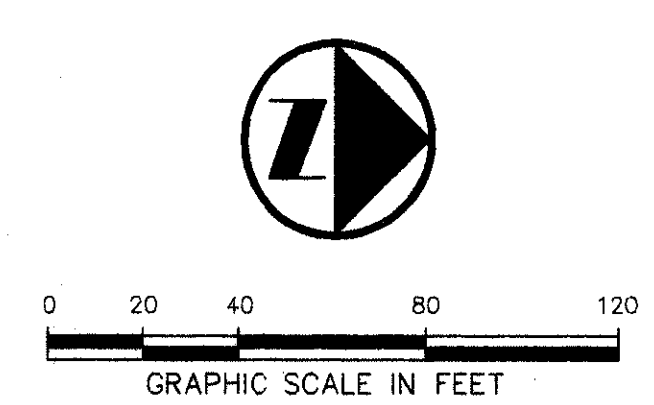
832.63'

PROTON PLAZA  
V. 81001, P. 2042

- BM #2: Top nut of FH near west line of site 675ft north of southwest corner of site. Elev. 601.31
- BM #3: Cut "x" in walk on outside of curved drive near southeast corner of lower school. Elev. 586.06
- BM #4: "x" cut - west end conc. headwall, north side Spring Valley, at southeast corner campus. Elev. 578.47
- BM #5: "x" 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: "x" cut at southwest corner basketball courts, southeast of gymnasium. Elev. 597.48
- BM #7: "x" cut, southwest 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: "x" cut at NEC of electric MH on north side cafeteria, south side of drive along north side of campus. Elev. 602.80
- BM #10: "x" cut on conc. step near northwest corner of upper school. Elev. 598.85
- BM #11: "x" cut on conc step on walk exiting west side of library. Elev. 596.44
- BM #12: "x" cut at intersection of walk along west side lower school and walk along south side lower school. Elev. 587.78

- LEGEND**
- PH ○ FIRE HYDRANT
  - MH ○ MANHOLE
  - GI ○ GRATE INLET
  - CV ○ CONTROL VALVE
  - WV ○ WATER VALVE
  - WM ○ WATER METER
  - LS ○ LIGHT STANDARD
  - CO ○ CLEAN OUT
  - PP ○ POWER POLE
  - HO ○ HOSE BIB
  - WF ○ WATER FOUNTAIN
  - GM ○ GAS METER
  - OM ○ 4" CONC. MONUMENT
  - PL ○ PROPERTY LINE

TOPOGRAPHIC SURVEY  
OF  
**A PORTION OF GREENHILL SCHOOL**  
THOMAS L. CHENOWETH SURVEY, ABSTRACT 273  
CITY OF ADDISON, DALLAS COUNTY, TEXAS



LOCATIONS AND SIZES OF UNDERGROUND UTILITIES HAVE BEEN REPRODUCED FROM RECORD INFORMATION ON FILE AT THE CITY OF ADDISON AND GREENHILL SCHOOL.

**PACHECO KOCH**  
Consulting Engineers, Inc. 9401 LBJ Freeway, Suite 800  
Dallas, Texas 75243 (214) 235-3031

DRAWN BY CAH	CHECKED BY JAK	SCALE 1"=40'	DATE JULY 1993	JOB NUMBER 1082-93.121
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UPDATED JULY 26, 1993

FIRE LANE EASEMENT  
VOL. 85167, PG. 4650