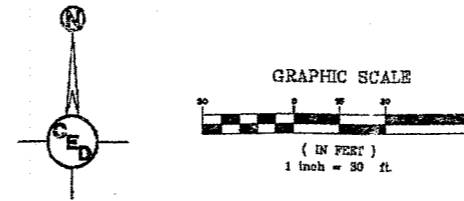


DRAINAGE PLAN CAO DAI TEMPLE

5503 N. ARMSTRONG
Sec 17, Township 26 South, Range 1 East
Wichita, Sedgwick County, Kansas



11074

EXISTING & PROPOSED DRAINAGE DATA
Area=0.67 Acres
SCS Soil Type B
C = 0.41
Tc = 15 min. (A)
I 100 = 7.40"/hr.
Q 100 = 2.03 cfs

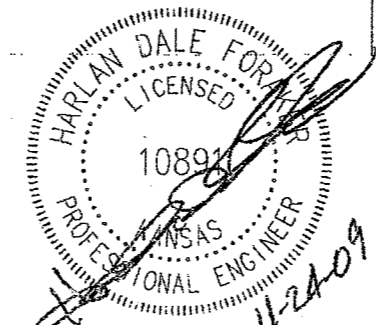
EXISTING DRAINAGE DATA
Area=0.67 Acres
SCS Soil Type B
C = 0.41
Tc = 16 min. (C)
I 100 = 7.21"/hr.
Q 100 = 1.98 cfs

PROPOSED DRAINAGE DATA
Area=0.67 Acres
SCS Soil Type B
C = 0.52
Tc = 16 min. (C)
I 100 = 7.21"/hr.
Q 100 = 2.50 cfs

EXISTING & PROPOSED DRAINAGE DATA
Area=2.38 Acres
SCS Soil Type B
C = 0.41
Tc = 28 min. (B)
I 100 = 5.71"/hr.
Q 100 = 5.57 cfs

IMPERVIOUS AREA CALCULATION
New Area = 153,816 sq.ft. (3.53 acres)
Existing Buildings, Proposed Buildings, Driveway and Walk
Impervious Area=20,130 sq.ft. (0.46 acres)
Pervious Area to be in Gross=133,686 sq.ft. (3.07 acres)

- LEGEND:**
- PROPOSED ELEVATIONS
 - EXISTING ELEVATIONS
 - PROPOSED DRAINAGE DIRECTION
 - EXISTING DRAINAGE DIRECTION



UTILITIES SHOWN REPRESENT THE BEST INFORMATION AVAILABLE FOR DESIGN. ADDITIONAL UTILITIES MAY BE PRESENT ON THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, DEPTH AND SIZE OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGE CAUSED BY THE FAILURE TO DO SO.

LEGAL DESCRIPTION:

Parcel 1:
Lot 14, Except the South 92 feet of the East 329 feet of Lot 14, an Avenue "A", now Armstrong, Interurban Place Wichita, Sedgwick County, Kansas, Except the North 30 feet for road.

BENCHMARK:

Mag Nail 84'S & 13' E of the NE Corner Lot 14, Interurban Place Addition. Elevation = 1330.04 NAVD83

ZONING:

S5 - Single Family

AREA:

172,229 sq.ft.±, 3.95 Acres±(Gross)
153,816 sq.ft.±, 3.53 Acres±(Net)

DATE SURVEYED:

November 9, 2009

SURVEYOR:

Savoy Company, P.A.
Land Surveyors
433 S. Hydraulic
Wichita, KS 67211-1911
(316) 265-0005

ENGINEER:

Harlan Foraker, P.E.
Certified Engineering Design, P.A.
810 W. Douglas, Suite C
Wichita, KS 67203
(316) 262-8808

OWNER:

Cao Dai Temple of Wichita, Inc.
5503 N. Armstrong Avenue
Wichita, Kansas 67204

CONTROL NO'S:

349351

SURVEY DISCLAIMER:
TOPOGRAPHIC SURVEY AND CONTOUR MAP USED IN PREPARING PLANS WAS PROVIDED BY SAVOY COMPANY, P.A., 535 S. EMPORIA, SUITE 104, WICHITA, KS. ENGINEER DOES NOT GUARANTEE SURVEY ELEVATIONS FOR ACCURACY. CONTRACTOR SHALL VERIFY ELEVATIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

DRAINAGE PLAN		
CAO DAI TEMPLE		
WICHITA, SEDGWICK COUNTY, KANSAS		
PROJ. NO.: 20091831		
CERTIFIED ENGINEERING DESIGN, P.A.		
810 WEST DOUGLAS, SUITE C		
WICHITA, KANSAS 67203		
PH.(316)262-8808 FAX.(316)262-1669		
DESIGNED: ENGINEER HJF	SCALE: SCALE 1"=30'	SHEET 1
DRAWN: DRAWN GC	DATE: DATE November 2009	