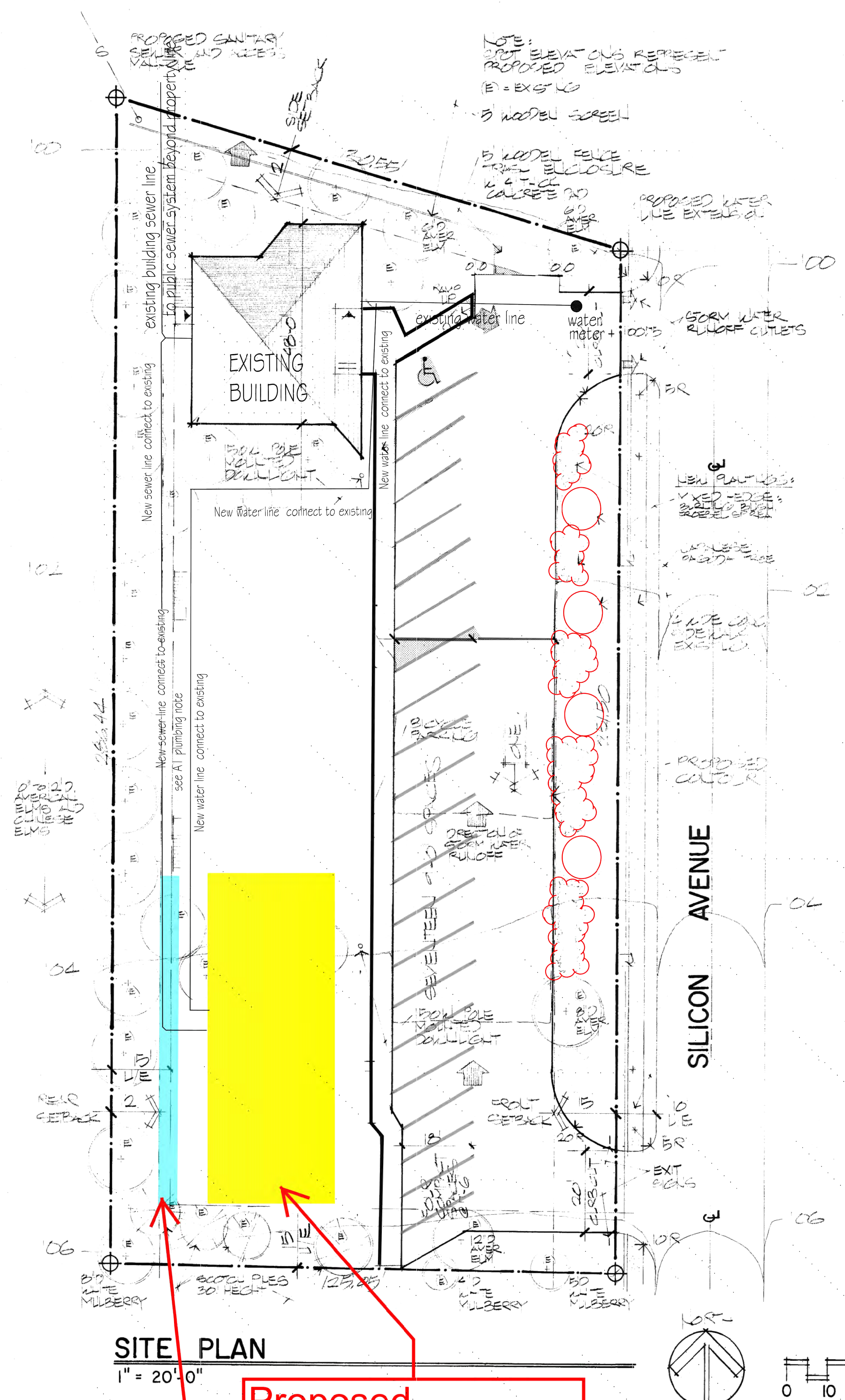


PROPERTY SURFACE SUMMARY (sq. ft.)			
Existing Summary		Summary after project completion	
Total Buildings	1,640	Total Buildings	3,176
Total Pavement	11,690	Total Pavement	11,990
Total Impervious	13,330	Total Impervious	15,166
Total Pervious	20,305	Total Pervious	18,469
Total Property Area	33,635	Total Property Area	33,635

Fixture Count Analysis
 Existing fixtures:
 Water closets=2
 Hand Sinks=2
 Kitchen Sink=1
 Additional fixtures proposed
 Water closets=2
 Hand Sinks=2



SITE PLAN
 1" = 20'-0"

Proposed Classroom Building
Proposed 6' privacy

SITE DATA:

- LEGAL DESCRIPTION:
 Lot 8, Block One, Floral Estates Subdivision No.2
- EXISTING ZONING:
~~C-4 General~~ Commercial District CS (Commercial Strip)
 33,635 Square Feet Total Land Available
- EXISTING LAND USE:
~~Vacant, Wooded~~ Religious Assembly -
 Neighborhood Institution
- PROPOSED LAND USE:
~~Use Group 17~~ Classroom addition
- PARKING REQUIREMENTS: ← Existing Sanctuary Seating area has 65 seats. Off-Street Parking Requirement is 1 space for each 4 seats.
~~11,680 Square Feet/500 = 23.36 Spaces - Parking Group 16~~
 Parking Provided: 22 Spaces
 Full Size: 17
 Compact : 4
 Bicycle : 6
 Handicap : 1
- BUILDING DATA:
 Height: Two Stories
 Net Square Footage Per Building: 1,640 SF
 Gross Square Footage Per Building: 2,920 SF
 Proposed 24' by 64' = 1,536 SF Building

STORM WATER DETENTION:

SHADED AREA REPRESENTS WATER DETENTION AREA (AVERAGE DEPTH = 4")
 RUNOFF BEFORE PROPOSED DEVELOPMENT: $Q_{R10} = 1.40$ CFS
 RUNOFF AFTER PROPOSED DEVELOPMENT: $Q_{D10} = 2.90$ CFS
 DIFFERENCE IN RATES = 1.50 CFS
 VOLUME OF WATER TO BE RETAINED (15 MIN.): 1,350 CF
 PROPOSED DETENTION:
 4,100 SF @ 4" DEPTH (AVERAGE) = 1,367 CF

LANDSCAPING:

PREDOMINANT EXISTING SPECIES (to be retained)

common name	botanical name	size	qty	notes
AMERICAN ELM	ulmus americana	4"-12"	25+	
CHINESE ELM	ulmus pumila	4"-10"	10+	
SCOTCH PINE	pinus sylvestris	10"	5+	
WHITE MULBERRY	morus alba	4"- 8"	5+	

NEW SPECIES

common name	botanical name	size	qty	notes
JAPANESE PAGODA	sophora japonica	1 3/4-2"	4	40' o.c., b&b
BURNING BUSH	euonymus alatus	24"-30"	as	spacing: 36" o.c.
	'compacta'		req'd	
FROEBEL SPIREA	spirea x bumalda	15"-18"	as	spacing: 30" o.c.
	'froebeli'		req'd	

- GENERAL NOTES:**
- Existing trees to be thinned to provide adequate spacing as required for each.
 - New graded areas to be seeded with tall fescue turfgrass.

The solid waste agreement per share agreement between the church and property owner at 1202 E 23rd St., Ste. D Lawrence, KS 66046.

ALL STREET TREES SHALL BE MAINTAINED PER LANDSCAPING ORDINANCE AND THE NOTES ABOVE.

Lot 8, Block One, Floral Estates Sub. No.2
 Lawrence, Kansas

Addition for
 Lawrence Evangelical Chinese Church
 2211 Silicon
 Lawrence, KS

No.	Revision/Issue	Date
		12/16/2011
		11/8/2011

Firm Name and Address
CORNERSTONE ARCHITECT, LLC
 8117 ROBERT'S RD
 KANSAS CITY, MO. 64152
 TEL: 816-838-3472
 FAX: 816-505-3777

Revisions
 Job No: 0889
 Date: 29 AUG 09
 Drawn By: UR
 Checked By: ACB
 Sheet No:
SP-1
 Of 02 Sheets

Project	Sheet
Date	SP1
Scale	
	8/28/2011