FIRE ACCESS PLAN FOR ST. PAUL'S LUTHERAN CHURCH SUBDIVISION LOT 1

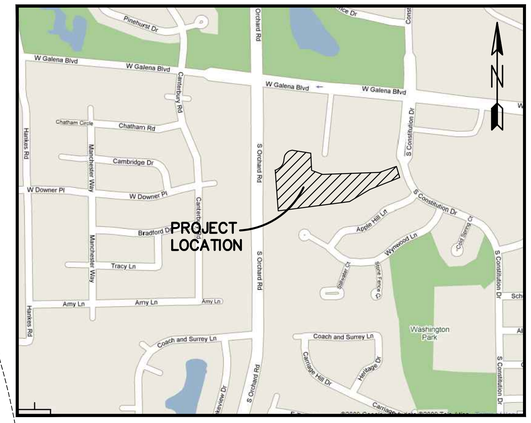
LEGAL

LOT 1 IN ST. PAUL'S LUTHERAN CHURCH SUBDIVISION OF PART OF THE NORTH 1/2 OF SECTION 19, TOWNSHIP 38 NORTH, RANGE 8, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED NOVEMBER 9, 1993 AS DOCUMENT 93K88915 IN KANE COUNTY, ILLINOIS.

It's smart	It's free	It's the law

Call Before You Dig — JULIE ILLINOIS ONE-CALL SYSTEM

Call before you dig 800.892.0123



LOCATION MAP N.T.S.

S85°01'16"E 190.16'

S4°58'44"W 118.19'

S40°01'16"E 119.52'

S85°01'16"E 628.51'

N69°28'58"E 63.53'

L=59.89'

CONSTITUTION DRIVE

110.0' R.O.W.

73.3'

N1°44'43"W 441.46'

75.69'

61.96'

203.78'

EX. CONC.

CONTIGUOUS ZONING = P (S)
CONTIGUOUS LAND USE = PARK/OPEN SPACE

CHAIN OF LAKES

AURORA

CONTIGUOUS ZONING = B-2 (S)
CONTIGUOUS LAND USE =BUSINESS DISTRICT-GENERAL RETAIL

EXISTING BITUMINOUS PAVEMENT

2 A/C-PADS

200' HOSE TEST

ELEC. PANEL

GAS METER

TRANSFORMER

EXISTING SPRINKLER ROOM

EXISTING SIAMESE CONNECTION

MAILBOX

PROPOSED BUILDING ADDITION P.F.F. 680.22

PROPOSED RELOCATED FIRE HYDRANT

PROP. FIRE DEPARTMENT CONNECTION TO BE 4" STORZ WITH A 30 DEGREE DOWN LEG TO GRADE. (TO BE WITHIN 100' OF FIRE HYDRANT)

HANDICAP SIGN

EXISTING BITUMINOUS PAVEMENT

26' X 40' STAGING AREA

PROP. RELOCATED FIRE HYDRANT TO BE WITHIN 5' OF PAVEMENT AND WITHIN 100' OF FIRE DEPARTMENT CONNECTION

REMOVE AND RELOCATE EXISTING HYDRANT

R PARKING

PROPOSED BUILDING ADDITION P.T.F.=674.7 P.F.F.=673.55

EX. VALVE VAULT R: 678.62 T/P: 672.84 (8" NE,SW) T/P: 672.84 (4" W)

EXISTING BIT. PAVEMENT

EX. CONCRETE

GATE (TYP.)

EXISTING BITUMINOUS PAVEMENT

EX. VALVE VAULT R: 677.38 T/P: 669.72

EX. VALVE VAULT R: 674.23

EX. VALVE VAULT R: 673.21

640.03' S88°15'17"W

SOUTH LINE OF LOT 1...

CONTIGUOUS ZONING = R-1 (S)
CONTIGUOUS LAND USE = SINGLE-FAMILY DWELLING

LOT 1

ST. PAUL'S LUTHERAN CHURCH SUBDIVISION

150.19' S83°36'35"W

97.82' S49°40'02"W

94.95' S67°06'18"W

161.11' S61°35'25"W

155.54' S47°57'40"W

CORNER OF FENCE IS 0.21' S'LY

CORNER OF FENCE IS 0.16' N'LY

CORNER OF FENCE IS 1.51' N'LY

CORNER OF FENCE IS 2.13' N'LY

CORNER OF FENCE IS 0.60' S'LY

CORNER OF FENCE 1.32' S'LY

CORNER OF FENCE 1.32' S'LY

CORNER OF FENCE 0.40' S'LY

CORNER OF FENCE 5.85' S'LY

LEGEND

	EXISTING	PROPOSED
CURB & GUTTER		CURB & GUTTER
WATER	W	WATER
ELECTRIC	E	ELECTRIC
GAS	G	GAS
SANITARY SEWER	S	SANITARY SEWER
STORM SEWER		STORM SEWER
COMBINED SEWER		COMBINED SEWER
MANHOLE		MANHOLE
CATCH BASIN		CATCH BASIN
INLET		INLET
VALVE VAULT		VALVE VAULT
VALVE & BOX		VALVE & BOX
BUFFALO BOX		BUFFALO BOX
GAS VALVE		GAS VALVE
HYDRANT		HYDRANT
HANDICAPPED RAMP		HANDICAPPED RAMP
ELEVATION	+XXX.X	+XXX.X
CONCRETE		CONCRETE
TREE PROTECTION/SILT FENCE		XX
SILT FENCE		X

N

40 0 40 80 120

Scale: 1" = 40'

Fire Access Plan Data Table

Description	Value	Unit
a) Building Height	28', 20'-8"	feet
b) Building Square Footage (typical)	41,063 total	square feet
c) Building fire suppression information including any proposed use of sprinkler systems, fire Extension of existing sprinkler system for full fire suppression system in new additions		
d) General description of business to be conducted within each building including; will there be Typical church and school activities with multiple shared uses throughout the day.		

PROFESSIONAL DESIGN FIRM NUMBER: 184.001186

REVISIONS:					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
01/17/17	E.M.,B.L.	BUILDING ADDITIONS	08/14/17	E.M.	ADDED DOORS TO CLASSROOM ADDITION
05/10/17	C.F.	ARCHITECTURAL COORDINATION			
07/13/17	B.L.	PER CITY COMMENTS			
08/01/17	A.J.	PER CITY COMMENTS			

DRAWN BY: B.L.
CHECKED BY: M.H.
APPROVED BY: J.G.

ENGINEERING RESOURCE ASSOCIATES
3S701 WEST AVENUE, SUITE 150
WARRENVILLE, ILLINOIS 60555
PHONE (630) 393-3060
FAX (630) 393-2152

10 S. RIVERSIDE PLAZA, SUITE 875
CHICAGO, ILLINOIS 60606
PHONE (312) 474-7841
FAX (312) 474-6099

2416 GALEN DRIVE
CchampaIGN, ILLINOIS 61821
PHONE (217) 351-6268
FAX (217) 355-1902

ST. PAUL CHURCH
AURORA, ILLINOIS

TITLE: FIRE ACCESS PLAN
85 S. CONSTITUTION DRIVE
AURORA, ILLINOIS

SCALE: 1"=40'
DATE: AUGUST, 2017
JOB NO: 290207A
SHEET 1 OF 1

© V:\PROJECTS\St Paul - Aurora\290207A\0 BS\Constitution\Aurora (A00)\290207A St Paul Church.dwg Updated by: blepirch 8/14/2017