Storm Sewer

Catch Basin #1, 24" diam., Type-C
(Neenah R-2570)
RIM = 753.25
INV = 750.75

Catch Basin #2, 24" diam., Type-C
(Neenah R-2570)
RIM = 753.25
INV = 750.21

Catch Basin #3, 24" diam., Type-C
(Neenah R-2570)
RIM = 753.25
INV = 750.25

Catch Basin #4, 48" diam., Type-A
(Neenah R-2570)
RIM = 753.25
INV = 749.32

Catch Basin #5, 24" diam., Type-C
(Neenah R-2570)
RIM = 754.35
INV = 750.35

Catch Basin #6, 48" diam., Type-A
(Neenah R-2570)
RIM = 754.35
INV-N. = 749.40
INV-E.,W. = 748.07

Catch Basin #7, 48" diam., Type-A
(Neenah R-2570)
RIM = 753.25
INV = 745.66

Catch Basin #8, 48" diam., Type-A
(Neenah R-2570)
RIM = 753.25
INV-W. = 745.75
INV-N.,S. = 744.63

Catch Basin #9, 48" diam., Type-A
(Neenah R-2570)
RIM = 753.25
INV-S. = 748.15
INV-E.,W. = 747.83

Catch Basin #10, 24" diam., Type-C
(Neenah R-2570)
RIM = 753.25
INV = 750.25

Catch Basin #11, 48" diam., Type-A
(Neenah R-2570)
RIM = 753.75
INV-S. = 750.06
INV-E.,W. = 749.20

Catch Basin #12, 24" diam., Type-C
(Neenah R-2570)
RIM = 753.75
INV = 750.25

Catch Basin #13, 48" diam., Type-C
(Neenah R-2570)
RIM = 753.25
INV = 750.16

Catch Basin #14, 24" diam., Type-C
(Neenah R-2570)
RIM = 753.25
INV = 750.55

Catch Basin #15, 24" diam., Type-C
(Neenah R-2570)
RIM = 753.25
INV = 750.46

Catch Basin #16, 24" diam., Type-C
(Neenah R-2570)
RIM = 753.27
INV = 750.75

Storm Manhole #1, 48" diam., Type-A
RIM = 754.25
INV-N.,S. = 749.91
INV-E. = 749.81

Catch Basin #17, 48" diam., Type-A (See detail)
RIM = 754.25
INV-S. = 753.67
INV-N. = 753.57

1. Proposed 107' of 15" RCP @ 0.50%
2. Proposed 70' of 18" RCP @ 0.43%
3. Proposed 48' of 12" RCP @ 0.71%
4. Proposed 134' of 21" RCP @ 0.36%
5. Proposed 195' of 21" RCP @ 0.64%
6. Proposed 19' of 12" RCP @ 5.00%
7. Proposed 268' of 21" RCP @ 0.90%
8. Proposed 103' of 21" RCP @ 1.00%
9. Proposed 104' of 18" RCP @ 2.00%
10. Proposed 105' of 12" RCP @ 2.00%
11. Proposed 196' of 18" RCP @ 0.70%
12. Proposed 19' of 12" RCP @ 1.00%
13. Proposed 240' of 18" RCP @ 0.40%
14. Proposed 130' of 12" RCP @ 0.30%
15. Proposed 100' of 15" RCP @ 0.30%
16. Proposed 94' of 12" RCP @ 0.30%
17. Proposed 30' of 21" RCP @ 3.19%
18. Proposed 20' of 24" RCP @ 1.90%

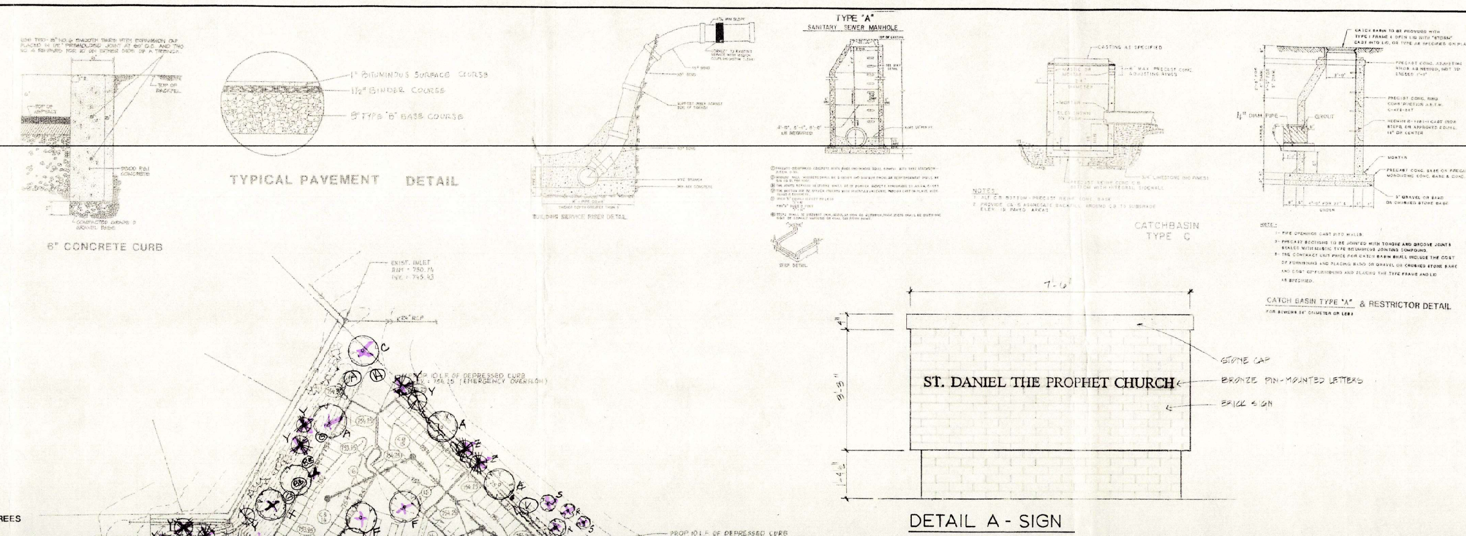
Sanitary Sewer Service

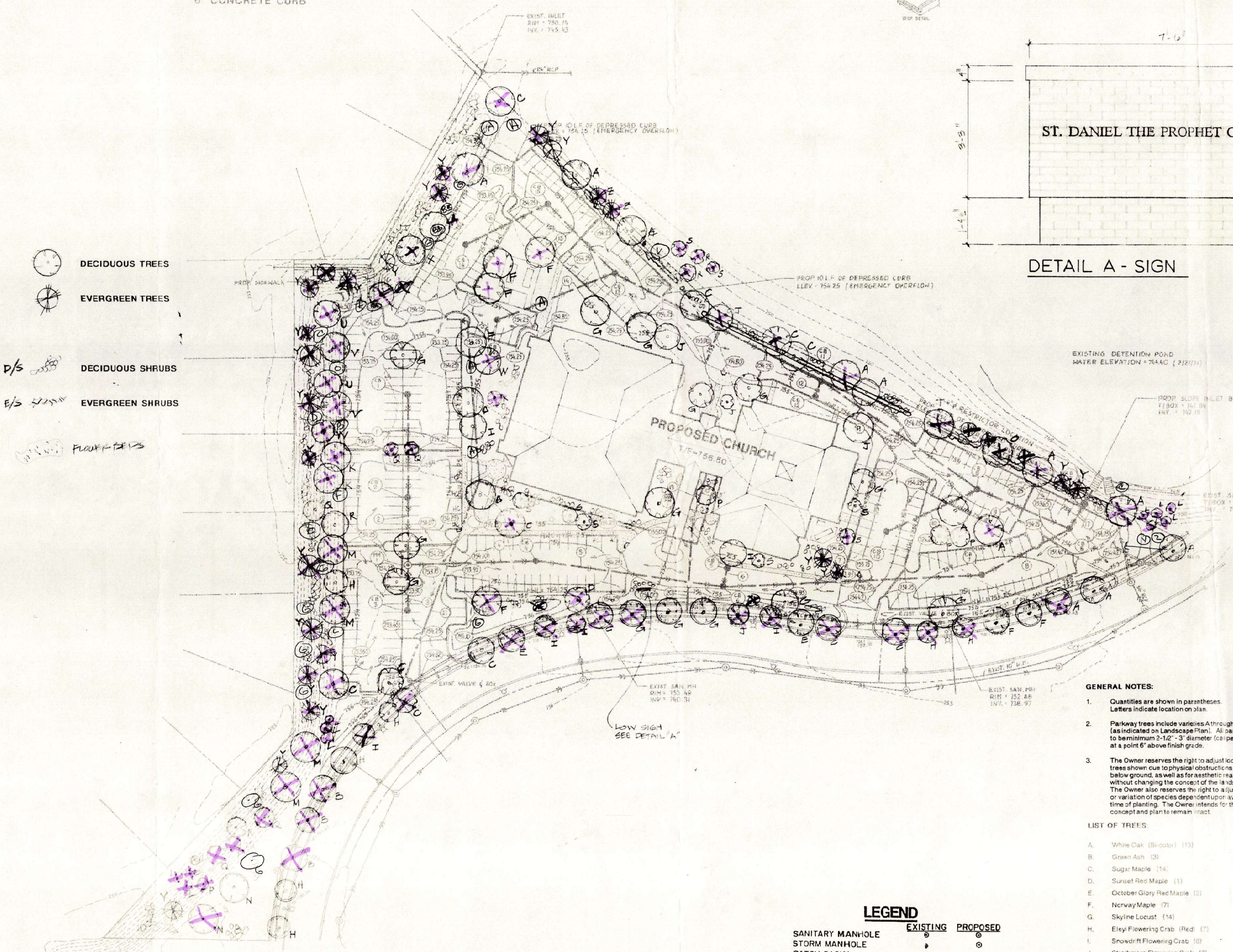
San. Inspection Manhole #1, Type-A
RIM = 755.65
INV = 749.65

19. Proposed 50' of 6" D.I.P. @ 1.00% min.
20. Proposed 95' of 6" PVC @ 5.14% w/riser pipe

Water Service

21. Proposed 654' of 6" D.I.P. CL. 52 water service





SITE PLAN · LANDSCAPING

SCALE 1"=50'

LEGEND

	EXISTING	PROPOSED
SANITARY MANHOLE		
STORM MANHOLE		
CATCH BASIN		
INLET		
VALVE VAULT		
FIRE HYDRANT		
STREET LIGHT		
SANITARY SEWER		
STORM SEWER		
WATERMAIN		
ELEVATIONS	800.27	801.50
OVERLAND FLOW		

GENERAL NOTES:

1. Quantities are shown in parentheses. Letters indicate location on plan.
2. Parkway trees include varieties A through J only (as indicated on Landscape Plan). All parkway trees to be minimum 2-1/2" - 3" diameter (caliper) measured at a point 6" above finish grade.
3. The Owner reserves the right to adjust locations of trees shown due to physical obstructions above or below ground, as well as for aesthetic reasons, without changing the concept of the landscape plan. The Owner also reserves the right to adjust the species or variation of species dependent upon availability at time of planting. The Owner intends for the landscape concept and plan to remain intact.

LIST OF TREES:

A. White Oak (Bi-color) (13)
B. Green Ash (3)
C. Sugar Maple (14)
D. Sunset Red Maple (1)
E. October Glory Red Maple (2)
F. Norway Maple (7)
G. Skyline Locust (14)
H. Eleyi Flowering Crab (Red) (7)
I. Snowdrift Flowering Crab (6)
J. Strathmore Flowering Crab (3)
K. Ginkgo (Maidenhair - Grafted Male) (3)
L. Washington Hawthorne (18)
M. White Ash (4)
N. Chinquapin Oak (2)
O. Scarlet Oak (1)
P. Royal Ruby Flowering Crab (Double Red) (5)
Q. Prince George Flowering Crab (Pink) (5)
R. Sargent Flowering Crab (White) (5)
S. Indian Magic Flowering Crab (6' maximum growth) (8)
T. Sugar Maple Clump Form (Specimen) (2)
U. Redmond Linden (Crimean) (2)
V. Greenspire Linden (2)
W. Clump Littleleaf Linden (2)
X. Pyramidal Linden (1)
Y. Austrian Pine (23)
Z. Colorado Blue Spruce (2)
AA Rose of Sharon
BB Cotton wood

LIST OF DECIDUOUS SHRUBS: All Heavily Branched D/S

	Size
Euonymus Alatus - Burning Bush	36"
Euonymus Alatus Compacta	30"
Euonymus Alatus Monstrosa	30"
Viburnum Lantana Mohican	36"
Viburnum Opulus Compacta	18"
Viburnum Opulus Narum	18"
Viburnum Opulus Sterilis - Snowball	36"
Viburnum Juddi	24"
Viburnum Prunifolium - Blackhaw	48"
Viburnum Rhytidophyllum - Leatherleaf	36"
Viburnum Rhytidophylloides - Alleghany Hybrid Lantana	36"
Viburnum Carlesi	36"
Viburnum Trilobum American Cranberry	48"
Viburnum Trilobum Compacta	24"
Viburnum Lentago	48"
Spiraea x Bumalda Anthony Waterer	24"
Spiraea x Arguta - White	48"
Spiraea x Bumalda Froebeli	24"
Lonicera Tatarica - Arnold Red Honeysuckle	48"
Forsythia x Arnold	30"
Forsythia x Intermedia - Lynwood Gold	48"

LIST OF EVERGREEN SHRUBS (TREES) 3'-5' HEIGHTS: E/S

Juniper Hetzi
Juniper Ketaeler
Juniper Maney
Juniper Pfitzer
Compact Pfitzer Juniper
Taxus - Spreading Yew
Taxus - Tautoni Yew

SAINT DANIEL THE PROPHET
WHEATON, ILLINOIS

SCALE: 1"=50' DATE: 7/1/91	APPROVED BY:	DRAWN BY: JP
7/22/91 REVISED	RAYMOND E. DERBAS & ASSOCIATES CONSULTING CIVIL ENGINEERS 7227 WEST 127TH STREET PALOS HEIGHTS, IL 60463 (708) 448-1044	DRAWING #