

SPECIFICATIONS for WINDHAM MEETING HOUSE ADDITION
MAY 16, 1992

FRAMING SCHEDULE

- (1) SILLS - PT 2 x 6 anchor bolts 96" OC minimum.
- (2) All joists 1st and 2nd floor 2 x 12 - 16" OC.
3 x 2 x 12 girder at midspan. 1st floor joists
greatest span 9'4 1/2".
- (3) All exterior studs 2 x 6 - 24" OC.
- (4) Rafters 2 x 12 - 16" OC.
- (5) All sheathing and subfloors 3/4 CDX.
- (6) Interior partitions 2 x 4 - 16" OC.
2 x 2 x 4 plates on bearing partitions.

INSULATION SCHEDULE

- (1) R - 19 in walls with 6 mil poly vapor barrier.
- (2) R - 38 in cathedral ceiling with propa vent, vented
soffits, vented ridge, 6 mil poly vapor barrier.
- (3) R -19 in crawl space with "lighting rod" supports 24" OC

DOOR & WINDOW SCHEDULE

- (1) All windows by RIVCO - single glass with wood
combination windows, double hung Tilt and Take out.
5/4 trim to match existing building. Small awning
windows on 2nd floor on east side to have tempered glass
- (2) All doors 3'0" x 6'8", "B" label with metal fire rated
jam. Hydraulic closures and panic bars where applicable.

EXTERIOR FINISH SCHEDULE

- (1) Clapboard - 3 1/4" in reveal to match existing building.
- (2) All trim to match existing building with appropriate
scale for smaller addition.

INTERIOR FINISH SCHEDULE

- (1) All wall & ceiling surfaces 5/8" Type X SR
- (2) Party wall between addition and existing building - 2 layers 5/8" Type X SR, both sides 2 hr rating.
- (3) Furnace room walls & ceiling - 2 layers 5/8" Type X 2 hr rating.

HANDICAP ELEMENTS

- (1) Provide separate mens & ladies restrooms, built to standards specified in American National Standards A 117.1-1980.
- (2) The main entrance on the south side of the building has two identical stairways. 54" clear width between stringers. One set of these stairs will be fitted with an electric chair lift for handicapped access.
- (3) The front entrance has an existing handicap access ramp in place.

PLUMBING SCHEDULE

- (1) Provide lavatory and water closet in each rest room that meets American National Standards A 117.1-1980.
- (2) Water supply from existing drilled well with submersible pump. 15 gallon/min yield (see drillers invoice #2430)
- (4) Septic field is existing approved system by state 5/21/84 as drawn by Herbert F Jurgeleit P.E. 12/4/82, drawing #82-600-12 permit case # PB-2--710-R.
- (5) The soil pipe connection from the new addition to be made at the elbow above the existing clean-out on the North side of the building.
- (6) A new expansion tank will be provided in the 1st floor mechanical room.

MECHANICAL SCHEDULE

- (1) The furnace room has a double flue lined masonry chimney which will service two oil fired furnaces. One will be sized to heat the addition and will be equipped with a domestic hot water coil. This will allow for year round availability of the rest rooms.

The second furnace would have two zones and be sized to heat either or both floors of the existing building.

The heating will be hot water baseboard filled with anti-freeze.

ELECTRICAL SCHEDULE

- (1) The addition will have a sub panel in the mechanical room that will service the new addition. (See electric plan for details). The electric work in the existing building will be limited to the installation of emergency lighting and exit signs as required by the code, and a circuit for the chair lift.

USE OF BUILDING STATEMENT

This building is used once a week for worship services which are attended by an average of 25 people.

There are "potluck" suppers several times a year which are attended by an average of 50 people. The food for these events are prepared at people's homes. The dishes are disposable. The silverware is washed on the premises.

There is a summer camp program which lasts six weeks involving 15 children on a half day schedule.

This building functions as a town meeting house for our annual town meeting attended by an average of 65 people.

During the summer months there is a library program which is open one night a week attended by an average of 20 people.

There are four annual special events such as dances or concerts that are attended by an average of 50 people.

The town uses the building for elections which are generally attended by 75 people. There is not much use of the plumbing facilities during these events as the people are there only long enough to vote.

POOR QUALITY
ORIGINAL c10

SCALE 1 = 20

5/19/83

D.B. CRITCHFEN

AS BUILT

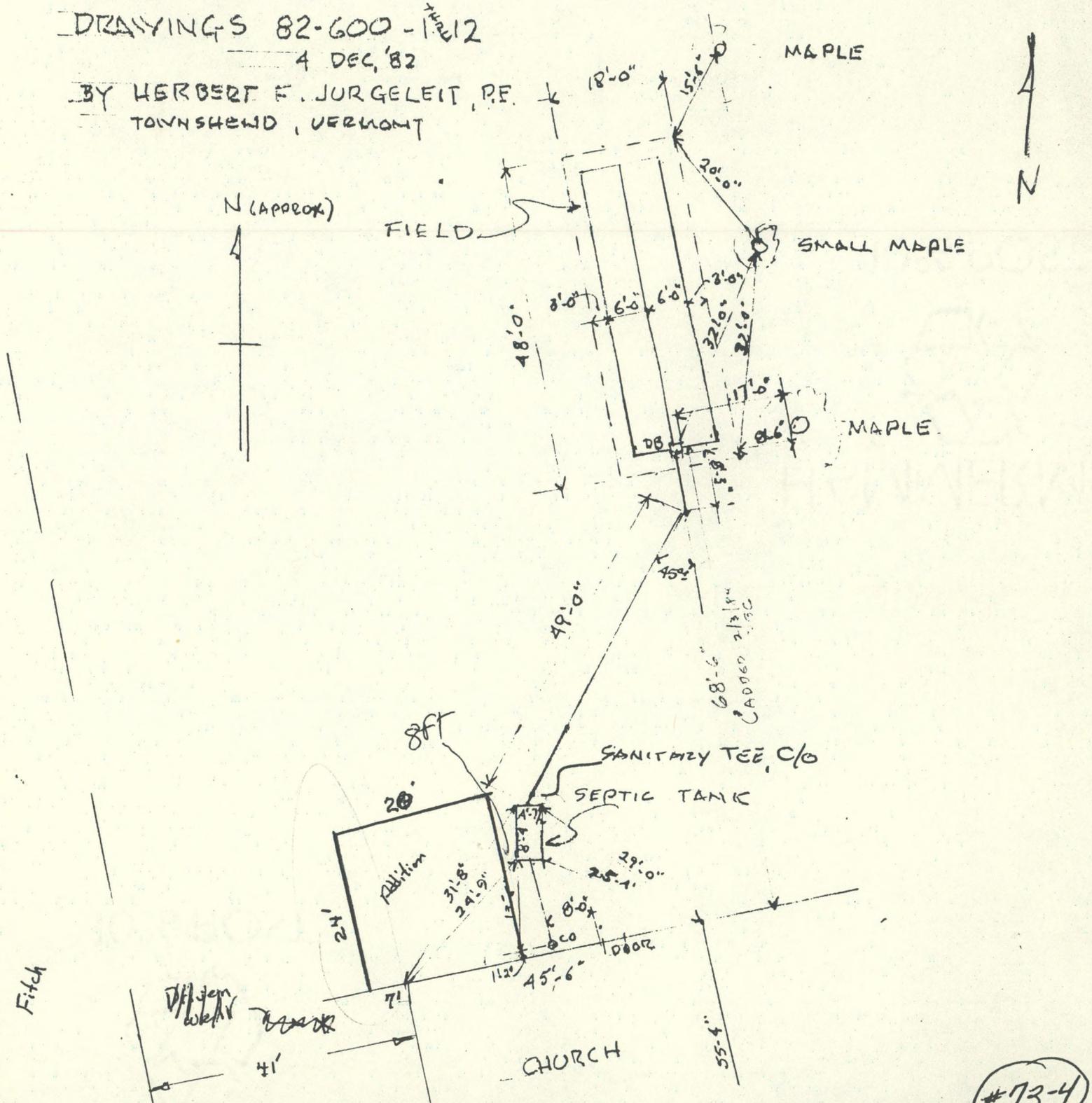
WASTE WATER DISPOSAL SYSTEM WINDHAM CONGREGATIONAL CHURCH

REFER TO

DRAWINGS 82-600-1212

4 DEC, '82

BY HERBERT F. JURGELEIT, P.E.
TOWNSHEND, VERMONT



Received and filed at WINDHAM, Vermont town clerk's office

FRIENDS of the WINDHAM MEETING HOUSE

October 27, 1992

Sue Jamela
Vermont Division of Historic Preservation
Pavilion Building
Montpelier, VT 05602

RECEIVED NOV 05 1992

Dear Ms Jamela:

This letter is a follow up to a meeting that I had on July 6, 1992 with Curtis Johnson.

At this meeting I presented plans and specifications for a proposed addition to the Windham Meeting House in Windham, Vt.

This addition is being built to enhance the availability and utility of the main building which in addition to being our only community church is also our Town Hall, library, and accommodates many events including a children's summer camp program. This building is a vital community resource. The building was built in 1802 as a single story church and has been modified over the years to suit the changing needs of the community. It presently is a two story structure. The upstairs which is unheated serves as the sanctuary but cannot be used during the cold part of the year.

The downstairs has one restroom and 3 gas space heaters. It too cannot be effectively heated full time with the existing equipment and hence the water must be turned off in the winter. This obviously limits the use of the building.

The new addition would provide handicap access restrooms for both sexes and a furnace room on the first floor. The second floor will provide a second means of egress from the sanctuary that presently only has one exit, and some much needed storage space. We are presently overwhelmed with such items as folding chairs, tables, summer camp supplies, town voting booths, etc. The heating system will be designed with two furnaces. The first unit will be sized to provide heat on both floors of the addition and also to provide domestic hot water. (Hot water is not currently available). This would allow year round use of these facilities. The second larger unit will be zoned to provide heat in the two floors of the main building.

Why you may ask is an addition necessary to accomplish this end? The first reason is the lack of space. The existing building already suffers from lack of storage and the

resultant clutter detracts from the useability and historic appreciation of it. There are no rooms available for the furnaces or restrooms. There is no basement as the building is on a dry stone foundation with a crawl space that averages about 18" in height.

The second reason is that in order to construct a suitable space in the existing building one would have to destroy its historic features to meet present building and fire codes.

Having established the need for the addition you may ask what were the considerations for its design?

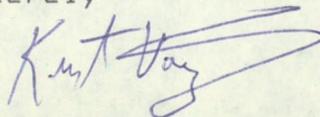
As far as location is concerned, it was placed on the rear (northwest) corner of the building as this is the least visible spot from all public viewing locations. (ie roads). This location also serves the need for a second fire exit the best as it is on the opposite end of the only entrance/exit to the sanctuary. The actual door will be created from an existing window opening off to the left side of the alter. This modification is the least intrusive in terms of maintaining the historic integrity of the sanctuary.

A second consideration is the location of the existing septic field. The addition will utilize this system for its new restrooms. The addition needs to be offset by 30" to avoid interference with the septic field but in so doing it also centers the addition on the window to the side of the alter and thus avoids headroom interference for the exit.

Having established the location, we then set about the design considerations. The building which is listed on the National Registry of Historic structures is located in a village of similar period homes. The geometry (width, height, length ratios, roof pitch, etc) of the addition is a reflection of the existing building. The exterior finish will be proportional in scale. We are aware that you prefer to not try and totally replicate the existing building and in this spirit we have chosen to use asphalt shingles instead of slate as on the main building. The windows although double hung will be single light thermo panes instead of the 12 over 12 of the main building.

To summarize, this addition was designed by consensus of the community. We see it as part of the ongoing process as the building has been continually updated over the years to meet our changing needs. We hope that this plan meets with your approval.

Sincerely





STATE OF VERMONT
AGENCY OF DEVELOPMENT AND COMMUNITY AFFAIRS

DIVISION FOR HISTORIC PRESERVATION
Preserving Vermont's historic, architectural and archeological resources

November 12, 1992

Kurt Voight
Windham Congregational Church
Windham, VT 05359

Re: Meeting House Addition, Windham. Pre-Act 250.

Dear Mr. Voight:

Thank you for the opportunity to comment on the above-referenced project. I hope this letter reaches you as we did not have your address or phone number in our file.

The Division has reviewed this undertaking for purposes of Criterion 8, 10 V.S.A. Chapter 151 (Act 250). Project review consists of identifying the project's potential impacts to historic buildings, structures, historic districts, historic landscapes and settings, and known or potential archeological resources. The purpose of our review is to provide the Environmental District Commission with the necessary information for them to make a positive finding under the "historic sites" aspect of Criterion 8.

The Windham Meeting House is listed in the National Register of Historic Places as a contributing building in the Windham Village Historic District.

Provided you do only the work outlined in your letter of 10/27/92 and do the work as specified in that letter and your accompanying plans, the proposed project will not impact the qualities which make this property eligible for the National Register.

Mr. Voight
Page 2
November 12, 1992

We conclude that the proposed project will not have an undue adverse effect on any historic or archeological properties that are listed on or that may be eligible for inclusion in the State or National Registers of Historic Places.

Sincerely,

Suzanne C. Jamule

for Eric Gilbertson
Director/Deputy State Historic Preservation Officer

EG/SCJ

cc: Windham Planning Commission
Windham Regional Planning Commission

file v

From : curt
System : Altos
Date : Mon Nov 9 14:17
Subject : wd92-033
Ref. : 427
File to attach : ER/wd92-033
cc :

Attached Document --> ER/wd92-033

The Windham Meeting House is listed in the National Register of Historic Places as a contributing building in the Windham Village Historic District. Provided you do only the work outlined in your letter of 10/27/92 and do the work as specified in that letter and your accompanying plans, your work will result in no undue adverse effect to this historic property.

NOTICE OF APPLICATION AND HEARING
ACT 250 MINOR (AMENDMENT) APPLICATION
10 V.S.A., SECTION 6086-6088

NOTICE IS HEREBY GIVEN THAT ON APRIL 15, 1993, APPLICATION #2W0950 WAS FILED BY THE WINDHAM CONGREGATIONAL CHURCH, C/O ERNEST K. FRIEDLI, RR 1, BOX 188, WEST TOWNSHEND, VT 05259, FOR A PROJECT TO CONSTRUCT A 25 FT. BY 25 FT. ADDITION TO THE WINDHAM MEETING HOUSE. THE PROJECT IS LOCATED ON TOWN HIGHWAY #1 IN THE TOWN OF WINDHAM, VERMONT.

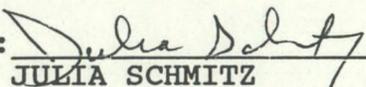
THE DISTRICT ENVIRONMENTAL COMMISSION WILL TREAT THIS APPLICATION UNDER ENVIRONMENTAL BOARD RULE 51 (AS AMENDED EFFECTIVE 9/1/84). A PROPOSED PERMIT IS AVAILABLE AT THE COMMISSION'S OFFICE AND HAS BEEN DISTRIBUTED TO THE STATUTORY PARTIES. FINDINGS OF FACT AND CONCLUSIONS OF LAW WILL NOT BE PREPARED UNLESS A PUBLIC HEARING IS REQUESTED.

NO HEARING WILL BE HELD UNLESS ON OR BEFORE MAY 14, 1993, A PARTY NOTIFIES THE DISTRICT ENVIRONMENTAL COMMISSION OF AN ISSUE OR ISSUES REQUIRING THE PRESENTATION OF EVIDENCE AT A HEARING OR THE COMMISSION SETS THE MATTER FOR HEARING ON ITS OWN MOTION. ANY HEARING REQUEST SHALL, ACCORDING TO RULE 51(B)(5), STATE WITH SPECIFICITY WHY A HEARING IS REQUIRED AND WHAT ADDITIONAL EVIDENCE WILL BE PRESENTED. PRIOR TO CONVENING THE HEARING, THE DISTRICT ENVIRONMENTAL COMMISSION SHALL DETERMINE THAT SUBSTANTIVE ISSUES REQUIRING A HEARING HAVE BEEN RAISED. IF A HEARING IS REQUESTED IT SHALL BE HELD ON MAY 25, 1993, OR AS SOON AS POSSIBLE THEREAFTER.

SHOULD A HEARING BE HELD ON THIS PROJECT AND YOU HAVE A DISABILITY FOR WHICH YOU ARE GOING TO NEED ACCOMMODATION, PLEASE NOTIFY US BY MAY 18, 1993.

PARTIES ENTITLED TO PARTICIPATE ARE THE MUNICIPALITY, THE MUNICIPAL PLANNING COMMISSION, THE REGIONAL PLANNING COMMISSION, ADJOINING PROPERTY OWNERS AND PERSONS GRANTED PARTY STATUS PURSUANT TO BOARD RULE 14(B).

DATED AT NORTH SPRINGFIELD, VERMONT, ON APRIL 21, 1993.

BY: 

JULIA SCHMITZ
ASST. DISTRICT II COORDINATOR
RR 1, BOX 33, NO. SPRINGFIELD, VT 05150
Tel: 886-2215

Districts #1 & #8
RR #2, Box 2161
Pittsford, VT 05763
(802) 483-6022

Districts #2 & #3
RR #1, Box 33
N. Springfield, VT 05150
(802) 886-2215

Districts #4, #6 & #9
111 West Street
Essex Junction, VT 05452
(802) 879-6563



STATE OF VERMONT
Environmental Board
District Environmental Commission

District #5
324 North Main Street
Barre, VT 05641
(802) 479-3621

District #7
184 Portland Street
St. Johnsbury, VT 05819
(802) 748-8787

Environmental Board Office
120 State Street
Montpelier, VT 05620-3201
(802) 828-3309

DATE: APRIL 21, 1993
TO: ALL PARTIES
FROM: DISTRICT II ENVIRONMENTAL COMMISSION
RE: LAND USE PERMIT APPLICATION #2W0950
WINDHAM CONGREGATIONAL CHURCH

Enclosed for your review is a copy of the proposed Land Use Permit for the above-referenced project. As indicated in the notice of Application and Hearing, this application is being processed as a "Minor" pursuant to Environmental Board Rule 51 (As amended on September 1, 1984), and no hearing will be held unless specifically requested. Any hearing held at the request of a party would only be for the purpose of considering issues raised by the requesting party under the appropriate criteria of Act 250. Because this proposed permit has been prepared based upon consultations with only the Chairman of the District Environmental Commission, it is subject to further revision or amendment after review by the full District Environmental Commission.

The Commission will not issue a Land Use Permit in this case until the applicant has filed a Water Supply and Wastewater Disposal Permit for this project. The 60-day deadline for issuance of a permit set further in 10 V.S.A., Section 6085(d) shall be deemed waived until such permit is filed, unless written objection is filed with the District Environmental Commission on or before May 14, 1993.

If you have any questions regarding this proposed permit or the "Minor" application procedure being used to process this application, do not hesitate to contact Julia Schmitz, Assistant II District Coordinator, at 886-2215.





State of Vermont

Proposed

LAND USE PERMIT

CASE NO: 2W0950
APPLICANT: Windham Congregational
Church
c/o Ernest K. Friedli
RR 1, Box 188
W. Townshend, VT 05359

LAWS/REGULATIONS INVOLVED:
10 V.S.A., Chapter 151
(Act 250) and Vermont State
Environmental Protection
Rules

District Environmental Commission II hereby issues Land Use Permit #2W0950 pursuant to the authority vested in it in 10 V.S.A., Chapter 151. This permit specifically authorizes the permittee to construct a 25 ft. by 25 ft. addition to the Windham Meeting House. The project is located on Town Highway #1 in the Town of Windham. Land Use Permit #2W0950 shall be recorded in the land records of Windham, Vermont, and shall obligate the permittee, its assigns, and successors in interest, to complete and maintain the project only as approved by the District Environmental Commission in accordance with the following conditions:

1. The project shall be completed in accordance with the plans and exhibits stamped "Approved" and on file with the District Environmental Commission, and in accordance with the conditions of this permit. No changes shall be made in the project without the written approval of the District Environmental Commission.
2. By acceptance of this permit the permittee agrees to allow representatives of the State of Vermont access, at reasonable times, to the property covered by the permit, for the purpose of ascertaining compliance with Vermont environmental and health statutes and regulations and with this permit.
3. By acceptance of the conditions of this permit without appeal, the permittee confirms and agrees for itself and all assigns and successors in interest that the conditions of this permit shall run with the land and will be binding upon and enforceable against the permittee and all assigns and successors in interest. The granting of less than an undivided whole interest in this project is prohibited without prior approval of the District Environmental Commission.
4. The District Environmental Commission maintains continuing jurisdiction during the lifetime of the permit and may periodically require that the permittee file an affidavit certifying that the project is being completed in accordance with the terms of the permit.

5. The permit hereby incorporates all of the conditions of the Water Supply & Wastewater Disposal Permit #_____ issued by the Department of Environmental Conservation, Agency of Natural Resources in compliance with Vermont State Environmental Protection Rules.
6. Water Conservation: The permittee and all subsequent owners shall install and maintain only low-flow plumbing fixtures in any buildings, including toilets with flows not to exceed 3.5 gallons per flush, faucets with flows not to exceed 2.0 gallons per minute or which have automatic shut-off valves and showerheads with flows not to exceed 2.0 gallons per minute.
7. Erosion Control: All mulch, hay bales, and other temporary devices shall be installed immediately upon grading and shall be maintained until all permanent vegetation is established on all slopes and disturbed areas.
8. All disturbed areas of the site shall be stabilized, seeded and mulched from October 1 to April 15. No earth disturbance is permitted during this period regardless of whether final grading has been finished.
9. The installation of exterior light fixtures is limited to those approved and shall be shielded from the view of neighbors and the road.
10. All heated structures approved herein shall be constructed with added envelope insulation with a minimum R value of R-38 in the roof or cap, and R-30 in sloped ceilings, R-19 in the exterior walls and R-10 around the foundation or slab to 4 feet below grade (to the frost line) or R-11 in the lowest floor/slab. The exterior doors shall be insulated and attain a minimum R value of R-10. The windows shall be double pane with low-E glazing or storm or triple pane and attain a minimum R value of R-2.75. All exterior doors and windows shall be weather-stripped and all seams sealed and joints sealed to minimize air infiltration.
11. The installation and use of electronic resistance space heating systems is specifically prohibited.
12. All energy conservation devices shall be maintained in good working order and any failed devices shall be promptly replaced by equal or better equipment.

13. Additional energy conservation measures shall include the installation of oil or LP gas, or natural gas heating systems with automatic setback thermostats and with an Annual Fuel Utilization Efficiency (AFUE) of a minimum of 80%; water heating systems shall attain a minimum Energy Factor (E.F.) of a minimum of: Gas: E.F. = .62 (-)(.0019 x rated storage volume in gallons); Oil: E.F. = .59 (-)(.0019 x rated storage volume in gallons). All wood heaters shall comply with EPA Phase II guidelines.

14. Common area lighting shall utilize fluorescent lamps with electronic ballasts or energy-saving lamps with energy-saving electromagnetic ballasts or compact fluorescent lamps with electronic ballasts; parking, walking and other exterior area lighting shall utilize either metal halide or high pressure sodium lamps.

15. No further subdivision, alteration, or development of any parcels of land approved herein shall be permitted without the written approval of the District Environmental Commission.

16. A copy of this permit and approved plans shall be on the site at all times throughout the construction process.

17. All construction on this project must be completed by October 1, 1995.

18. This permit shall expire on April 15, 2013, unless extended by the District Environmental Commission. Notwithstanding the latter date, this permit shall expire two years from date of issuance if the permittee has not demonstrated an intention to proceed with the project. Substantial construction must occur within two years of the permit issuance date, unless construction has been delayed by litigation to secure other necessary permits or approvals, in accordance with Environmental Board Rule 38.

Failure to comply with any of the above conditions may be grounds for permit revocation pursuant to 10 V.S.A., Section 6090(b).

Dated at North Springfield, Vermont, on _____ 1993.

By: _____
Robert M. Pu, Chairman
District II Environmental Commission
Environmental Board

Others participating in this decision:
Cheryl Thompson Cox and Thomas C. Spater

CERTIFICATE OF SERVICE

#2W0950

I, Julia Schmitz, hereby certify that I sent a copy of the foregoing documents on April 21, 1993, by U.S. Mail, postage prepaid, to the following:

Windham Congregational Church
c/o Ernest K. Friedli
RR 1, Box 188
W. Townshend, VT 05359

Windham Bd. of Selectmen
Ms. Helen George
RR #1, Box 97
Windham, VT 05359

Windham Town Planning
Mr. Edward Caron, Jr.
RFD #1, Box 295
Chester, VT 05143

Windham Regional Commission
139 Main St., Suite 505
Brattleboro, VT 05301

Kurt Janson, Esquire
Agency of Natural Resources
103 South Main Street
Waterbury, VT 05676

FOR INFORMATION ONLY

District II Environmental Commission
RR #1, Box 33
North Springfield, VT 05150

Windham Town Clerk
Ms. Carol C. Merritt
RR #1, Box 109
West Townshend, VT 05359

Div. for Historic Preservation
58 East State St.
Montpelier, VT 05602

Stuart Slote
Public Service Department
State Office Building
Montpelier, VT 05602

James McMenemy
District Fisheries Biologist
RR #1, Box 33
No. Springfield, VT 05150

Kim Royar
District Wildlife Biologist
RR #1, Box 33
No. Springfield, VT 05150

(Abutters)

Christopher & Maureen Fitch
RR 1, Box 118-A
Windham, VT 05359

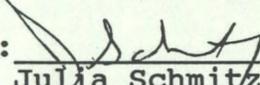
Angellette Stowell
RR 1, Box 124
Windham VT 05359

Robert and Ruth Ann Plunkett
Box 791
Indian Lake Estates, FL 33855

William Perry, Jr. &
William A. Perry, III
Box 1195
Mattituck, NY 11952

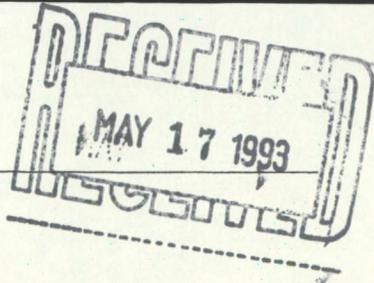
Kenneth Grim & M. Biscotti
92 Snipsic Lake Rd.
Ellington, CT 06029

Dated at North Springfield, Vermont on April 21, 1993.

By: 

Julia Schmitz
Assistant District II Coordinator

w092-033



State of Vermont

LAND USE PERMIT

CASE NO: 2W0950
APPLICANT: Windham Congregational Church
c/o Ernest K. Friedli
RR 1, Box 188
W. Townshend, VT 05359

LAWS/REGULATIONS INVOLVED:
10 V.S.A., Chapter 151
(Act 250) and Vermont State
Environmental Protection
Rules

District Environmental Commission II hereby issues Land Use Permit #2W0950 pursuant to the authority vested in it in 10 V.S.A., Chapter 151. This permit specifically authorizes the permittee to construct a 25 ft. by 25 ft. addition to the Windham Meeting House. The project is located on Town Highway #1 in the Town of Windham. Land Use Permit #2W0950 shall be recorded in the land records of Windham, Vermont, and shall obligate the permittee, its assigns, and successors in interest, to complete and maintain the project only as approved by the District Environmental Commission in accordance with the following conditions:

- 1. The project shall be completed in accordance with the plans and exhibits stamped "Approved" and on file with the District Environmental Commission, and in accordance with the conditions of this permit. No changes shall be made in the project without the written approval of the District Environmental Commission.
2. By acceptance of this permit the permittee agrees to allow representatives of the State of Vermont access, at reasonable times, to the property covered by the permit, for the purpose of ascertaining compliance with Vermont environmental and health statutes and regulations and with this permit.
3. By acceptance of the conditions of this permit without appeal, the permittee confirms and agrees for itself and all assigns and successors in interest that the conditions of this permit shall run with the land and will be binding upon and enforceable against the permittee and all assigns and successors in interest. The granting of less than an undivided whole interest in this project is prohibited without prior approval of the District Environmental Commission.
4. The District Environmental Commission maintains continuing jurisdiction during the lifetime of the permit and may periodically require that the permittee file an affidavit certifying that the project is being completed in accordance with the terms of the permit.

5. The permit hereby incorporates all of the conditions of the Water Supply & Wastewater Disposal Permit #WW-2-0624 issued by the Department of Environmental Conservation, Agency of Natural Resources in compliance with Vermont State Environmental Protection Rules.

6. Water Conservation: The permittee and all subsequent owners shall install and maintain only low-flow plumbing fixtures in any buildings, including toilets with flows not to exceed 3.5 gallons per flush, faucets with flows not to exceed 2.0 gallons per minute or which have automatic shut-off valves and showerheads with flows not to exceed 2.0 gallons per minute.

7. Erosion Control: All mulch, hay bales, and other temporary devices shall be installed immediately upon grading and shall be maintained until all permanent vegetation is established on all slopes and disturbed areas.

8. All disturbed areas of the site shall be stabilized, seeded and mulched from October 1 to April 15. No earth disturbance is permitted during this period regardless of whether final grading has been finished.

9. The installation of exterior light fixtures is limited to those approved and shall be shielded from the view of neighbors and the road.

10. All heated structures approved herein shall be constructed with added envelope insulation with a minimum R value of R-38 in the roof or cap, and R-30 in sloped ceilings, R-19 in the exterior walls and R-10 around the foundation or slab to 4 feet below grade (to the frost line) or R-11 in the lowest floor/slab. The exterior doors shall be insulated and attain a minimum R value of R-10. The windows shall be double pane with low-E glazing or storm or triple pane and attain a minimum R value of R-2.75. All exterior doors and windows shall be weather-stripped and all seams sealed and joints sealed to minimize air infiltration.

11. The installation and use of electronic resistance space heating systems is specifically prohibited.

12. All energy conservation devices shall be maintained in good working order and any failed devices shall be promptly replaced by equal or better equipment.

13. Additional energy conservation measures shall include the installation of oil or LP gas or natural gas heating systems with automatic setback thermostats and with an Annual Fuel Utilization Efficiency (AFUE) of a minimum of 80%; water heating systems shall attain a minimum Energy Factor (E.F.) of a minimum of: Gas: E.F. = .62 (-)(.0019 x rated storage volume in gallons); Oil: E.F. = .59 (-)(.0019 x rated storage volume in gallons). All wood heaters shall comply with EPA Phase II guidelines.

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15. No further subdivision, alteration, or development of any parcels of land approved herein shall be permitted without the written approval of the District Environmental Commission.

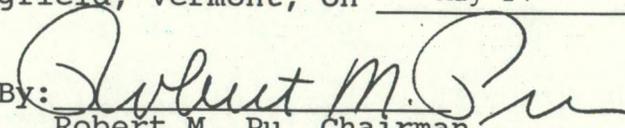
16. A copy of this permit and approved plans shall be on the site at all times throughout the construction process.

17. All construction on this project must be completed by October 1, 1995.

18. This permit shall expire on April 15, 2013, unless extended by the District Environmental Commission. Notwithstanding the latter date, this permit shall expire two years from date of issuance if the permittee has not demonstrated an intention to proceed with the project. Substantial construction must occur within two years of the permit issuance date, unless construction has been delayed by litigation to secure other necessary permits or approvals, in accordance with Environmental Board Rule 38.

Failure to comply with any of the above conditions may be grounds for permit revocation pursuant to 10 V.S.A., Section 6090(b).

Dated at North Springfield, Vermont, on May 14 1993.

By: 

Robert M. Pu, Chairman
District II Environmental Commission
Environmental Board

Others participating in this decision:
Cheryl Thompson Cox and Thomas C. Spater

CERTIFICATE OF SERVICE

#2W0950

I, Janet T. Tessier, hereby certify that I sent a copy of the foregoing documents on May 14, 1993, by U.S. Mail, postage prepaid, to the following:

Windham Congregational Church
c/o Ernest K. Friedli
RR 1, Box 188
W. Townshend, VT 05359

Windham Bd. of Selectmen
Ms. Helen George
RR #1, Box 97
Windham, VT 05359

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Mr. Edward Caron, Jr.
RFD #1, Box 295
Chester, VT 05143

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139 Main St., Suite 505
Brattleboro, VT 05301

Kurt Janson, Esquire
Agency of Natural Resources
103 South Main Street
Waterbury, VT 05676

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North Springfield, VT 05150

Windham Town Clerk
Ms. Carol C. Merritt
RR #1, Box 109
West Townshend, VT 05359

Mr. Herbert F. Jurgeleit
Echo Hill Farm
Townshend, VT 05353

Div. For Historic Pres.
58 East State St.
Montpelier, VT 05602

Dated at North Springfield, Vermont on May 14, 1993.

By: Janet T. Tessier
Janet T. Tessier
Administrative Secretary



State of Vermont

WATER SUPPLY/WASTEWATER DISPOSAL PERMIT
WW-2-0624

LAWS/REGULATIONS INVOLVED:
Environmental Protection Rules
effective September 10, 1982

DISTRICT COMMISSION # II
APPLICATION # 2W0950
EXHIBIT # 19
DATE: 5/3/93

LANDOWNER: Windham Congregational Church
ADDRESS: Windham, VT 05359

THIS PERMIT DOES NOT CONSTITUTE ACT 250 APPROVAL

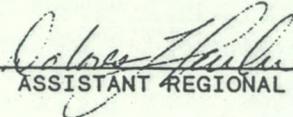
This project, consisting of an addition to the Windham Congregational Church with no design-flow increase, off Town Highway #1 in Windham, Vermont is hereby approved under the requirements of the regulations named above subject to the following conditions:

1. The project shall be completed as shown on the plan(s) prepared by Herbert F. Jurgeleit, P.E. one sheet entitled:
 - A. "As Built Wastewater Disposal System" dated May 19, 1983; and two sheets by Ernest Friedli entitled:
 - A. "Flow Calculations for Various Activities at the Windham Congregational Church" dated May 3, 1993;
 - B. "As Built Wastewater Disposal System" dated May 19, 1983, latest revision undated,which have been stamped APPROVED by the Division of Protection. No changes shall be made to the approved plan(s) without prior written approval from the Division of Protection.
2. A copy of the approved plans and this permit shall remain on the project, during all phases of construction and, upon request, shall be made available for inspection by State or local personnel.
3. No alterations to the existing building(s) other than those indicated on the approved plan, which would change or affect the water supply system or the wastewater disposal system shall be allowed without prior review and approval from the Division of Protection.
4. This permit does not constitute Act 250 approval (Title 10 V.S.A., Chapter 151). The permittee is hereby reminded to procure all relevant State and local permits prior to proceeding with this project.
5. This permit shall in no way relieve you of the obligations of Title 10 Chapter 48, Subchapter 4, for the protection of groundwater.
6. The Division's issuance of this Permit relies upon the data, designs, judgment and other information supplied by the applicant, his professional consultants and other experts who have participated in preparation of the application. The Division makes no assurance that the approved system(s) will meet performance objectives of the applicant and no warranties or guarantees are given or implied.

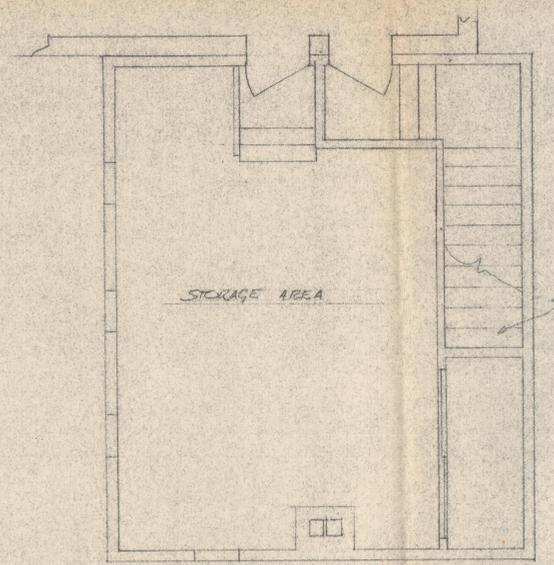
7. The previous Public Building permit #PB-2-0710 issued by Division of Protection for this project shall remain in full effect except where specifically modified or amended herein.
8. The Division of Protection shall be notified within 48 hours of any failure of the water system or wastewater system.

JACK LONG, ACTING COMMISSIONER
DEPARTMENT OF ENVIRONMENTAL
CONSERVATION

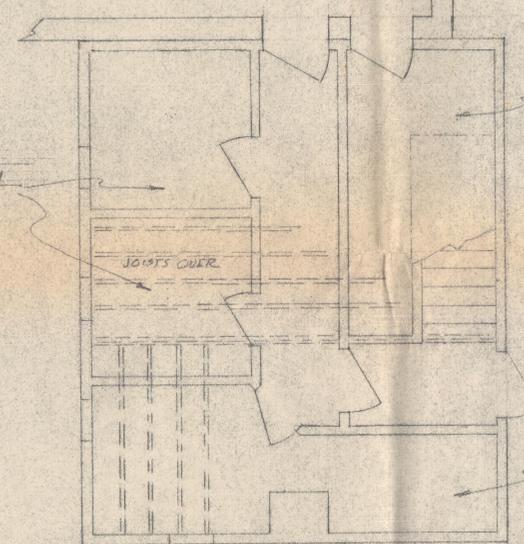
DATE: May 3, 1993

BY  _____
ASSISTANT REGIONAL ENGINEER

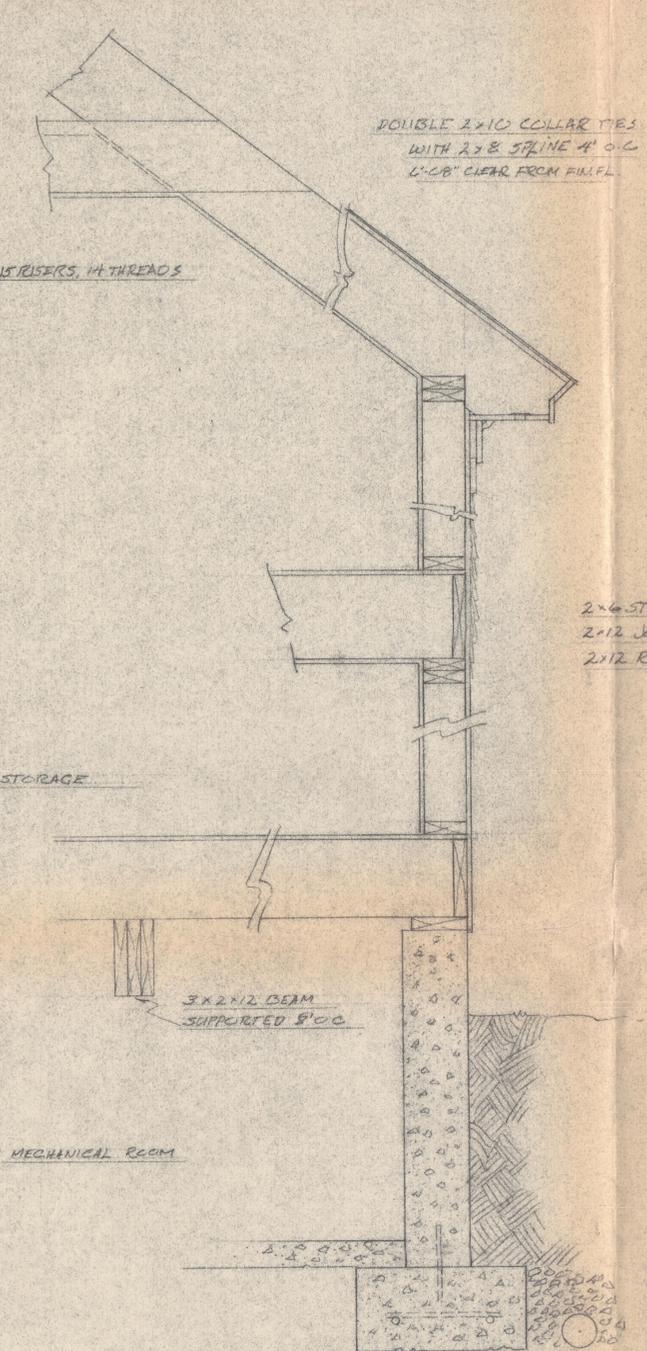
cc: Windham Town Planning & Board of Selectmen
P. Howard Flanders, Chief of Engineering Services
Department of Labor and Industry
Act 250 (2W0950)



SECOND FLOOR

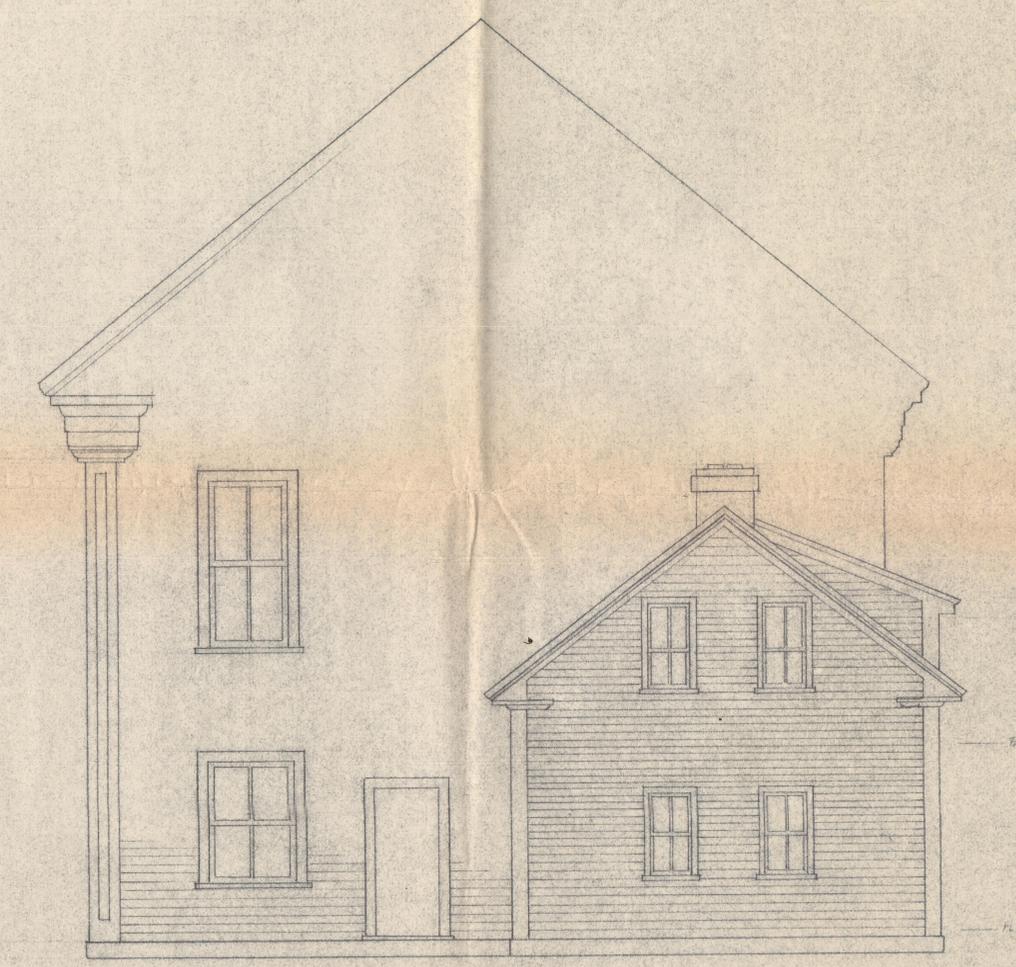


FIRST FLOOR



TYPICAL SECTION THROUGH WALL
SCALE 1" = 1'

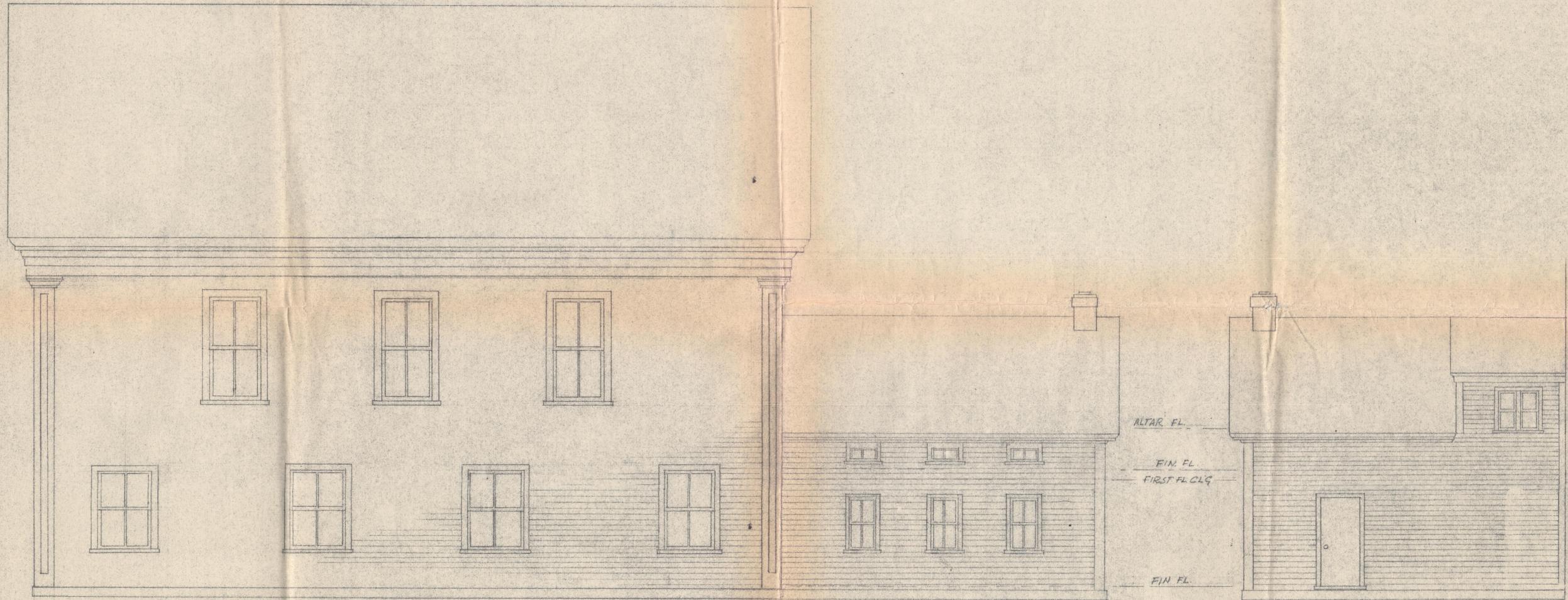
WINDHAM CHURCH ADDITION



NORTH ELEVATION

WINDHAM CHURCH ADDITION

DRAWN BY BRU 5/16/72
SCALE 1/4" = 1' UNLESS NOTED



EXISTING CHURCH

NEW ADDITION

EAST ELEVATION

WEST ELEVATION

WINDHAM CHURCH ADDITION

ALTAR FL.

FIN. FL.
FIRST FL. CLG.

FIN FL.

SCALE: 1/4" = 1'
DRAWN BY JSRU 5/16/92