PB# 88-43

Church of Jesus Christ of Latter Day Saints

65-1-5.1

Church of Jesus Christ of Latter Day Saints

88-40

Approved
4-13-89

Oxford®

ESSELTE

General Receipt

10449

TOWN OF NEW WINDSOR
555 Union Avenue
New Windsor, N. Y. 12550

April 10 19 89

Received of Archetypes $ 265.50

Two Hundred Sixty Five and 50/100 DOLLARS

For Plan. Bd. Fees $100.00 + Plan. Bd. Eng. Fees $165.50

DISTRIBUTION 8-2-43

FUND	CODE	AMOUNT
Check #265.50		
#1066		

By Pauline D. Townsend
T.C.
Town Clerk
Title

Williamson Law Book Co., Rochester, N. Y. 14609

General Receipt

9935

TOWN OF NEW WINDSOR
555 Union Avenue
New Windsor, N. Y. 12550

July 6 19 88

Received of Hess Engineering $ 25.00

Twenty-five and 00/100 DOLLARS

For Planning Board Application Fee

DISTRIBUTION

FUND	CODE	AMOUNT
Check #4319		$25.00

By Pauline D. Townsend

Town Clerk
Title

Williamson Law Book Co., Rochester, N. Y. 14609

OFFICE OF THE PLANNING BOARD
TOWN OF NEW WINDSOR
ORANGE COUNTY, N.Y.

NOTICE OF DISAPPROVAL OF SITE PLAN OR SUBDIVISION APPLICATION

P-B
File No. 88-43 Date 18 OCT 1988

To: CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
NORMAN SNARR BISHOP
26 HILL TOP DR.
NEW WINDSOR N.Y. 12550

PLEASE TAKE NOTICE that your application dated 30 JUNE 1988
for (~~Subdivision~~ - Site Plan)
located at MT. AIRY RD. TOWN OF NEW WINDSOR

is returned herewith and disapproved for the following reasons.

MAXIMUM ALLOWABLE DEVELOPMENT COVERAGE EXCEEDED BASED ON PLAN SUBMITTED.

Henry Scheible
Planning Board Chairman
HENRY SCHEIBLE MK

R-3 PERMITTED USE #6

Requirements		Proposed or Available	Variance Request
Min. Lot Area	3 AC.	3.45 AC	—
Min. Lot Width	125 Ft.	450	—
Req'd Front Yd.	45 Ft.	80	—
Req'd. Side Yd.	20/40 Ft.	46'/225+	—
Req'd. Rear Yd.	50 Ft.	233	—
Req'd. Street Frontage*	70 Ft.	525'	—
Max. Bldg. Hgt.	35 Ft.	30'	—
Min. Floor Area*	N/A	—	—
Dev. Coverage*	25 %	52 %	+ 27 %
Floor Area Ratio**	N/A	—	—

* Residential Districts only

** Non-residential Districts only

ZONING BD. OF APPEALS
CC: GREG SHAW P.E.
MARK EDSALL P.E.
PLANNING BD. FILE 88-43

CHURCH OF JESUS CHRIST (88-43)

Greg Shaw came before the Board representing this proposal.

Mr. Shaw: Dave Beckwith (phonetic), a registered architect is here and he has brought a floor plan and a rendering and also with me is Bishop Snar of the Churh of Jesus Christ of the Latter-Day Saints. The existing facility on this site is outlined in this particular fashion. The new addition is shaded in so you can get the physical features of it. It is going to be approximately 7900 square feet. Again, the site is developed, there are lawns and parking spaces that are indicated as such as proposed expansion to the parking area is up in this particular area. So now, they have a general feel for what our intentions are, let me go over a few specifics. The parcel is in an R3 zone, substantially residential and it is a permitted use in this particular zone. We have put onn the drawings a zoning schedule indicating the different zoning requirements which we are required to meet and also what we are proposing. One thing I'd like to bring out to the Board is the development coverage. We are premitted a maximum of 25 %. We are at 52 percent. We are going to have to get into a variance and I will get into that later but just to touch quickly on the site. The facility once it is constructed and I have taken the liberty of assuming that it will be, will see a maximum of 257 people maximum number and again, the Bishop will explain a ittle bit more about how the facility is used. It is not a seven day a week facility. With that, we are required to provide 86 parking spaces. I believe it is one parking space for every three pews. We are providing 117 spaces. So, we feel that the number of spaces that we are providing is sufficient to handle our needs in addition to meeting the requirement of the zoning ordinance. With respect to the infrastructure, the existing facility is serviced by an individual well. There is an existing sewage disposal system we are going to rely on that system to handle the existing facility that is up and proposing a new sewage disposal system in this area solely for the new addition.

Mr. Van Leeuwen: What kind of perc do you have here?

Mr. Shaw: I don't have that information, but it was good. If I had to guess, 15 to 30 minute range, surprisingly we did do perc, we did do deep pit tests and that is an adequate place for the sewage disposal system. Now that I have given you a feel for the site, I'd like to introduce Dave Beckwith who will show you a rendering of the floor plan and the elevation of the structure and then I will hve the Bishop discuss a little bit about it.

Mr. Beckwith: This is what the Church refers to as a phase 3 addition which includes classroom space, a gymnasium type of space and a few extra pews. The walls that are shaded in is the new construction. Basically, we did the gymnasium which is attached right to the end of the chapel, classroom spaces around the outside and the new entry will be back in here, pretty straightforward. The addition will look very similar to what is there now. We are talking about one story with brick veneer facade on the first floor, gable roofs and up in the gable parts of the roof, it would be a stucco finish that is what they have there. The existing finish on the outside would match.

Mr. Van Leeuwen: This is the second addition.

Mr. Shaw: That is an important point. I'd like the Bishop to talk about that.

Bishop Snar: This is the third of three phases so it doesn't keep going. It is designed so that as the growth of the membership of the Congregation grows, the building matches the growth.

Mr. Van Leeuwen: That was said in the beginning when the first site plan was brought to us, ten or 11 years ago.

Bishop Snar: It has gotten progressively faster as the membership has grown. What would happen if the membership grew to twice the size, what we'd do on Sunday services have two separate meetings schedule geographically split the people and have one group come for three house inn the morning and three in the afternoon. The building is in use on Sundays for blocks of ours for worship services. During the week, there would be during the eveninng there would be meetings for the youth or women or whatever and occasionally some Saturday activity but it is limited use. And like it was mentioned, not an everyday of the week kind of a thing.

Mr. Mc Carville: Any residence in the existing building

Bishop Snar: None.

Mr. Schiefer: You said before on the first floor there is no second floor, it is just the gable?

Mr. Shaw: Correct.

Mr. Mc Carville: What is the size of the proposed underground oil tank that is going in?

Mr. Shaw: I don't know. We had to call up the Health Department to find out if there was any restriction with respect to a minimum restriction of well from

underground storage tank. Our office did check with the Health Department.

Mr. Edsall: Would it not be easier to run it around the back?

Mr. Shaw: That gets into the mechanical engineering.

Mr. Edsall: What, the well or the tank?

Mr. Shaw: The tank. What we are looking for from the Board is some feedback on how they feel. I realize we are going to have to go to the Zoning Board of Appeals. I'd like to get a rejection from the Board for the site plan so we can get the variance and also maybe a recommendation to the Zoning Board of Appeals. We'd like to go to the Zoning Board and rectify the short comings with respect to the zoning and meanwhile hopefully be moving up the list we when we do get the variance we will be in a position to come back before the Board.

Mr. Van Leeuwen: I'd like to--I don't have any objection to sending it to the Zoning Board but I think we ought to put it on our tour.

Mr. Schiefer: I'd like the engineer to take a look at the plans, I have no objection to go to the Zoning Board of Appeals.

Mr. Mc Carville: I make a motion we approve the site plan of Church of Jesus Christ Latter-Day Saints.

Mr. Van Leeuwen: I will second that.

ROLL CALL:

MR. SCHIEFER	NO
MR. VAN LEEUWEN	NO
MR. PAGANO	NO
MRL MC CARVILLE	NO
MR. JONES	NO
MR. LANDER	NO
MR. SCHEIBLE	NO

Mr. Mc Carville: I like the plan though.

Mr. Scheible: I hve to commend you on how well kept you keep the area. It is a very commendable job you are doing.

Mr. Babcock: Can we have a recommendation.

Mr. Scheible: We are in favor it it, the Board is.

AS OF: 02/27/89 PAGE: 1

CHRONOLOGICAL JOB STATUS REPORT

JOB: 87-56 NEW WINDSOR PLANNING BOARD (Chargeable to Applicant) CLIENT: NEWWIN - TOWN OF NEW WINDSOR

TASK: 88- 43

TASK-NO	REC	--DATE--	TRAN	EMPL	ACT	DESCRIPTION---------	RATE	HRS.	DOLLARS TIME	EXP.	BILLED	BALANCE
88-43	28727	02/04/89	TIME	MJE	MC	CHURCH	60.00	0.40	24.00			
88-43	29836	02/07/89	TIME	MJE	CL	CHURCH	19.00	0.50	9.50			
88-43	29917	02/13/89	TIME	MJE	MC	CHURCH OF JC	60.00	0.50	30.00			
88-43	29920	02/14/89	TIME	MJE	MC	CHURCH OF JC	60.00	0.50	30.00			
88-43	29923	02/15/89	TIME	MJE	MC	CHURCH OF JC	60.00	0.40	24.00			
						TASK TOTAL			117.50	0.00	0.00	117.50
						GRAND TOTAL			117.50	0.00	0.00	117.50

CHURCH OF JESUS CHRIST - SITE PLAN (88-43) - MT. AIRY ROAD

Mr. Greg Shaw came before the Board representing this proposal.

Mr. Shaw: With me tonight is Don Schwartz (phonetic) of Arch Types who is the project archtitect and also in the audience is Bishop Snar (phonetic) who is in charge of this facility. If there is any specific questions about the church operations, the bishop will be happy to answer them. Let me take a few minutes explaining the site. This is on the east side of Mt. Airy Road. The parcel is in an R3 zone and if you look at the zoning schedule as indicated in this portion of the drawing, you will see that we comply with every aspect of the required zoning ordinance with the exception of development coverage. We received approximately 3 months ago from the New Windsor Zoning Board of Appeals, a variance for that coverage. We are limited to a coverage of 25% and with this facility as indicated on this plan, we are at 52%. Again, we have gotten a variance for this excess coverage.

Mr. Soukup: Were there any conditions on the variance at all?

Mr. Shaw: No.

Mr. Schiefer: The variance is granted on the 15th of November.

Mr. Shaw: The parcel is approximately three and a half acres but we are proposing in this area that is shaded in is a 7900 square foot addition. This is the third and final phase for this specific facility and again, the bishop can address that if he wishes to later. This addition as indicated on my plan and this expansion of the parking area is really not new and should not be new to this Planning Board. When the second expansion was granted by the New Windsor Planning Board for this church, this area was indicated as future and it is pretty close to the footprint as indicated on this drawing and also this expanded parking area was indicated on that approved drawing. Again, that was resurrected from the files of your building inspector. We--in other discussions with the Zoning Board of Appeals, again, we are looking for a 7900 square foot addition in the upper left hand corner. You will see that presently there are 205 seats in the existing facility. What we are proposing is an addition of 52 seats for a total of 257. That is the maximum. We will not be exceeding that number of seats. Based upon 257 seats, we are required to provide a total of 86 parking spaces. The drawings indicate of total of 117 parking spaces so we have well in excess of the minimum required. With respect to the infra-structure, there is an existing sanitary sewer system adjacent to Mt. Airy Road which services the existing facility. We are going to rely on that system to continue operating and we are planning a new sewage disposal system in this quadrant of the site to handle only the new addition. We have done perc tests in this area and deep pit tests in this area. It does work. It is not an area reserved for a septic system. With respect to water supply, there is an existing well adjacent to the existing church. That is going to be abandoned. We feel that is to close to the fuel oil tank and has been relocated over to this portion of the site so there will be a new well drilled for the facility.

With respect to the storm drainage, we are going to be collecting it in our parking area and putting it into an existing piping network which discharges it into a roadside swale on Mt. Airy Road where it crosses Mt. Airy Road in a westerly direction. That pretty much completes my presentation with respect to what we have planned for the site. I will answer any questions the Board may have. Before I finish, I'd like to give Mr. Schwartz an opportunity to present the architectual drawings so you can get a feel for what we have planned for the site and the facility itself.

Mr. Schwartz: As Greg said, we are putting on approximately 7900 square foot addition. The white portion is the existing facility, the gray area is the addition to the church. We are adding a new entry in the south, southeast corner. We are adding classrooms around an outer perimeter and circulation space and the cultural center which is at the rear end of this existing chapel. Basically, as I said, classrooms will be the make-up of the majority of the facility. There is also materials center or a supply center and a small kitchen unit off of the relief society. Other than that, restroom facilities and a cultural center. The materials that we will be using will be duplicating the materials. Again, the white is the existing and the colored is the proposed. It will be brick on wood frame shingled roof again everything matching what is existing, aluminum entryways. Again, simulating the panels that currently exist in the front of the chapel.

Mr. VanLeeuwen: How come you have the roof so high?

Mr. Schwartz: This is the cultural center here. It spans over the entire space. That is a brief description.

Mr. VanLeeuwen: I think this is something we should put on our tour and take a look at it.

Mr. McCarville: We toured it.

Mr. Shaw: This isn't the first time we have been here. This is the second.

Mr. Schiefer: It is on this phase of it that is all.

Mr. VanLeeuwen: Did you see the list of comments?

Mr. Shaw: Yes, I just got a copy.

Mr. Pagaon: May I address a question to Mark and to our building inspector. Somewhere in my memory, I recall that for fire apparatus or fire fighting, a building of a specific size with a specific number of people had to have some sort of a reservoir, whether it was supplied by a well. In other words, it is non-hydrant. We don't have the hydrant for fire fighting apparatus. Somewhere I recall this coming up years ago.

Mr. Edsall: I know you have gotten comments from the fire inspector

to that, they'd like to have certain storage on certain sites. I think as far as that non-hydrant area where there is not sprinklers that comes down to a building code situation where the actual design and structure is going to have to comply with current building codes. I am personally not aware of any regulation that says that you have to have--

Mr. Pagano: Could you research it for me.

Mr. Edsall: Yes, I know if you want to build a certain type structure of a certain size, you may need to have sprinklers in the case of what happens out at Braken (phonetic) Road with the Service Merchandise facility. We worked with their firm and some of the engineers in providing on-site storage because they needed the sprinklers to complete the building code. We can look into this building.

Mr. Babcock: I can probably answer your question. I have made at least two trips to this building with the engineers. I have spent quite a bit of time with them in my office with plans of how this is going to be constructed. What they have done is they have done their homework. They have divided this building up with fire areas and when you do that, that eliminates the problem of a sprinkler system.

Mr. Schwartz: We have divided the building up into three fire areas which are below the requirements for the type of construction and the type of occupancy, we will have smoke detectors system but we are not required to have a sprinkler system in the fire areas we have.

Mr. Pagano: I am sure you are going to chose with care regarding the furniture and paneling.

Mr. Schwartz: Class A carpet and type of material.

Mr. Soukup: What is the combined sewer disposal. Do you exceed 1,000 gallons a day.

Mr. Shaw: I don't think so. I'm not sure what this existing system does.

Mr. Soukup: I did notice that the new system has very low usage rate so I assume the other system has a higher rate. I am wondering if the combined, you have exceeded the SPDES requirement designed for 670 so if you have 500 on the other, you might be over 1,000.

Mr. Shaw: I will have to take a look at that. It is not a very large system.

Mr. Schiefer: Mark, I have a question. On the 25th of August, the fire inspector approved it. Does that include this phase of it.

Mr. Edsall: Yes. As a matter of fact, I believe he reviewed it when it was here prior to going to the Zoning Board of Appeals.

Mr. Shaw: There is no change. They are just back for round two now.

Mr. Babcock: The meetings we had with the engineer also included the fire inspector on-site meetings.

Mr. Schiefer: I wanted to make sure it included what we are talking about here because I do have the approval from Bobby Rogers.

Mr. VanLeeuwen: I suggest they sit down with our town engineer, get these things, have Mr. Shaw take a look at it, address the issues and have him look at the septic system.

Mr. Shaw: It has been a long while since our initial trip before the Board. I have a copy of the engineer's comments. I think there is only five, a couple of which are minor. Is it possible for the Board to entertain a motion subject to Mark's comments. I know you have a very busy agenda. It would be nice if the Board was inclined to free us up so we can deal directly with Mark.

Mr. McCarville: I have no problem with it.

Mr. Schiefer: I have no problem.

Mr. VanLeeuwen: I thought we wanted to make a site inspection.

Mr. Schiefer: We have been there once.

Mr. Soukup: The only question that Mark raised was the downstream drainage. You don't show the condition of the swale and ditch and what may be beyond it.

Mr. Shaw: That is really the only comment of any substance.

Mr. Schiefer: The Zoning Board of Appeals has given the variance. The fire department has approved it. The only thing that are outstanding are the engineer's comments.

Mr. Lander: No conditions on the variance though.

Mr. Schiefer: No, no conditions on the variance.

Mr. Pagano: I think it is a good idea.

Mr. Soukup: I think that Mark is aware of the questions, whether the SPDES is required and he will cover it as number six on the list, I am sure.

Mr. McCarville: I make a motion that we approve the Church of Jesus Christ Site Plan (88-43) subject to the resolution of the engineer's comments and the SPDES question be resolved, downstream drainage.

Mr. Pagano: I will second that motion.

Mr. Schiefer: Planning Board to hold a public hearing. Have you gentlemen seen item #3 on Mr. Edsall's comments. Public hearing to discuss the drainage and traffic.

Mr. Edsall: That, by the way gentlemen, if you will notice that is in quotes. That is not my request. I am passing on a memo that I received from the Zoning Board of Appeals. If it is your decision that you feel that they are not items of significant concern and don't need a public hearing then you can so move. I am just passing on the Zoning Board of Appeals comments.

Mr. VanLeeuwen: You are putting alot of extra traffic on that road.

Mr. Babcock: One of their concerns at the Zoning Board and I just want to bring it to light is that below and across the street from this project there is an approved 405 unit housing development. That is where their concern was as far as the traffic.

Mr. Pagano: This is a church. You will have spikes of traffic but it is not going to be a constant all day long, I don't foresee that kind of a problem. A housing development, I can see it but a business, but this is going to be a spike. I think it will probably be empty most of the other times.

Mr. Soukup: Is the building used during the week.

Mr. Snar: Of course on Sunday mornings, it is the biggest use for half a day during the week in the evenings, there would be a youth group meeting and on another night, maybe the women would meet once or twice a month and during the day, early morning, there is a group youth that meeting for religious instruction but that is for an hour during the five days of the week, six until seven in the morning.

Mr. Schiefer: Do we feel we need a public hearing on the traffic as considered by the Zoning Board of Appeals.

Mr. Soukup: Not based on the usage presented here today.

Mr. Lander: No.

Mr. Pagano: No.

Mr. Schiefer: A motion has been made and seconded, Mark, do you or Mike have any other concerns.

Mr. Edsall: Is this an approval motion. Why don't you make a motion before that about SEQR and negative declaration if you feel it is appropriate.

Mr. Schiefer: Do you want to withdraw your motion for the time being.

Mr. McCarville: I withdraw the motion. I will make a motion that we take lead agency under the SEQR process with regard to Church of

Jesus Christ Site Plan (88-43).

Mr. VanLeeuwen: I'll second that motion.

ROLL CALL:

Mr. McCarville	Aye
Mr. VanLeeuwen	Aye
Mr. Soukup	Aye
Mr. Lander	Aye
Mr. Pagano	Aye
Mr. Schiefer	Aye

Mr. McCarville: I make a motion that we declare a negative declaration as it pertains to the SEQR process in the matter of the Church of Jesus Christ Site Plan (88-43).

Mr. VanLeeuwen: I'll second that motion.

ROLL CALL:

Mr. McCarville	Aye
Mr. VanLeeuwen	Aye
Mr. Soukup	Aye
Mr. Lander	Aye
Mr. Pagano	Aye
Mr. Schiefer	Aye

Mr. McCarville: I make a motion that we waive the public hearing with regard to the Church of Jesus Christ Site Plan (88-43).

Mr. VanLeeuwen: I'll second that motion.

ROLL CALL:

Mr. McCarville	Aye
Mr. VanLeeuwen	Aye
Mr. Soukup	Aye
Mr. Lander	Aye
Mr. Pagano	Aye
Mr. Schiefer	Aye

Mr. McCarville: I make a motion that we approve the Site Plan of the Church of Jesus Christ (88-43) subject to resolutions of the issues with our Planning Board's Engineer and the SPDES issue and the downstream drainage issues.

Mr. VanLeeuwen: I'll second that motion

ROLL CALL:

Mr. McCarville	Aye
Mr. VanLeeuwen	Aye
Mr. Soukup	Aye
Mr. Lander	Aye
Mr. Pagano	Aye
Mr. Schiefer	Aye

#88-43

Shaw Engineering Consulting Engineers

744 Broadway
P.O. Box 2569
Newburgh, New York 12550
(914) 561-3695

December 19, 1988

Chairman Henry Scheible and
Members of the Planning Board
TOWN OF NEW WINDSOR
555 Union Avenue
New Windsor, New York 12550

Re: The Church of Jesus Christ of Latter-Day Saints
Site Plan for Phase III Addition

Gentlemen:

On November 14, 1988 the Town of New Windsor Zoning Board of Appeals granted approval to the area variance requested by the above referenced project. A copy of correspondence from the Zoning Board Secretary stating same is enclosed for your files.

As this process is behind us, we respectfully request to be placed on the next available agenda of the Planning Board to continue our Site Plan review process.

We appreciate any courtesies you can extend in this matter.

Very truly yours,

SHAW ENGINEERING

Gregory J. Shaw, P.E.
Principal

GJS:mmv
Enclosure

cc: Archtypes

TOWN OF NEW WINDSOR

555 UNION AVENUE
NEW WINDSOR, NEW YORK

1763

November 15, 1988

SHAW ENGINEERING
P. O. Box 2569
Newburgh, N. Y. 12550

Attn: Greg Shaw, P. E.

RE: APPLICATION FOR VARIANCE
THE CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
#88-55

Dear Greg:

This is to confirm that the Zoning Board of Appeals at its November 14, 1988 meeting voted to GRANT the above application for area variance.

Formal decision will be drafted some time in the future and acted upon by the Board. You will be receiving a copy by return mail.

Very truly yours,

Patricia A. Barnhart

PATRICIA A. BARNHART
Secretary

/pab
Enclosure
cc: Town Planning Board
Michael Babcock, B. I.

B2

ZONING BOARD OF APPEALS (ZBA DISK#4-111488.ZBA)
November 14, 1988

AGENDA:

7:30 P.M. - ROLL CALL

Motion to accept minutes of 10/14/88 meeting as written.

PRELIMINARY MEETING:

SET-UP PUBLIC HEARING

1. BENEDUCCI, JOSEPH - Request for 11,747 s.f. lot area and 25 ft. lot width to construct one-family residence on Bull Road in R-1 zone. Present: Brian Gilmartin, Esq.

ABLE 2. ALDRICH, ROBERT - Request for use variance to allow one-family residence in PI zone located at 64 Walsh Road. Present: Sidney DeGroat of DeGroat Construction.

DEED TO PAT

PUBLIC HEARING:

ABLE 3. BATES, KENNETH - Request for use variance to allow two-family in NC zone located on Rt. 94/Palomino Drive.

APP 4. THE CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS - Request for variance for more than allowable developmental coverage for construction of addition (Phase 3) to church complex located on Mt. Airy Road in R-3 zone. Matter referred by Planning Board. Present: Greg Shaw, P. E., Shaw Engineering, representing applicant.

* * *

ANYONE INTERESTED IN ATTENDING ASSOCIATION OF TOWNS MEETING ON FEBRUARY 19TH THRU 22ND, 1989?

Adjournment

Pat - 565-8550 (o)
562-7107 (h)

INTER-OFFICE CORRESPONDENCE

TO: TOWN PLANNING BOARD

FROM: ZONING BOARD OF APPEALS

SUBJECT: APPLICATION FOR VARIANCE
THE CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
ZBA FILE #88-55 - PLANNING BOARD FILE #88-43

DATE: November 15, 1988

Please be advised that the above application for an area variance for more than the allowable developmental coverage to construct Phase 3 of church complex was granted at the 11/14/88 public hearing.

There were six adjacent property owners present for the public hearing and they expressed their concerns regarding drainage and traffic in the area of Mt. Airy Road where the complex is located. The residents also felt that they would like to be present when The Church appears before the Planning Board for final site plan approval.

In view of the above, the Zoning Board of Appeals made the following motion:

Motion was made by Lawrence Torley, seconded by Daniel P. Konkol to grant the application above as requested in the plans submitted to the Building Inspector and Planning Board with the stipulation that comments be forwarded to the Planning Board expressing the public's concern for drainage and traffic and urge the Planning Board to hold a public hearing on this matter. ROLL CALL: 4-0.

Please advise this Board regarding your action on this motion.

Joseph M. Skopin, Vice Chairman

/PAB

cc: Building Inspector Babcock

88-43

BUILDING INSPECTOR, P.B. ENGINEER, FIRE INSPECTOR, D.O.T.
O.C.H. O.C.P. [redacted]R, SEWER, HIGHWAY REVIEW FORM: D. P. W.

The maps and plans for the Site Approval _____
Subdivision _____ as submitted by
Shaw Engineering for the building or subdivision
of Church of Jesus Christ has been reviewed by me and
~~is approved~~ _____
~~disapproved~~ _____

~~If disapproved, please list reason.~~
There is no town water in this area.

_____
HIGHWAY SUPERINTENDENT

Steve DiDio
WATER SUPERINTENDENT

_____
SANITARY SUPERINTENDENT

_____
DATE

88-43

BUILDING INSPECTOR, P.B. ENGINEER, FIRE INSPECTOR, D.O.T. O.C.H. O.C.P.
WATER, SEWER, HIGHWAY REVIEW FORM: D. P. W.

The maps and plans for the Site Approval _____
Subdivision _____ as submitted by
Shaw Engineering for the building or subdivision of
Church of Jesus Christ of Latter Day St. has been
reviewed by me and is approved _____.
disapproved _____.

If disapproved, please list reason.

HIGHWAY SUPERINTENDENT

WATER SUPERINTENDENT

SANITARY SUPERINTENDENT

July 11, 1988
DATE

INTER-OFFICE CORRESPONDENCE

TO: Town Planning Board

FROM: Town Fire Inspector

DATE: 25 August 1988

SUBJECT: Church of Jesus Christ of Latter Day Saints

Planning Board Reference Number: Not supplied

Fire Prevention Reference Number: 88-79

A review of the above referenced subject site plan/subdivision was conducted on 25 August 1988.

This site plan/subdivision is found acceptable.

Robert F. Rodgers; CCA
Fire Inspector

Planning Board
Town of New Windsor
555 Union Avenue
New Windsor, NY 12553

(This is a two-sided form)

RECEIVED
JUL 5 1988
TOWN ENGINEER'S OFFICE
TOWN OF NEW WINDSOR

Date Received_____
Meeting Date_____
Public Hearing_____
Action Date_____
Fees Paid_____

APPLICATION FOR SITE PLAN, LOT-LINE CHANGE OR SUBDIVISION PLAN APPROVAL

1. **Name of Project** Church of Jesus Christ of Latter-Day Saints

2. **Name of Applicant** Norman B. Snarr, Bishop **Phone** 565-7693

   Address 26 Hilltop Dr., New Windsor, N.Y. 12550
   (Street No. & Name) (Post Office) (State) (Zip)

3. **Owner of Record** Church of Jesus Christ of Latter-Day Saints **Phone** (317) 875-8707

   Address 50 E. North Temple, Salt Lake City, Utah 84150
   (Street No. & Name) (Post Office) (State) (Zip)

4. **Person Preparing Plan** Gregory J. Shaw **Phone** 561-3695

   Address 744 Broadway, Newburgh, N.Y. 12550
   (Street No. & Name) (Post Office) (State) (Zip)

5. **Attorney** _____ **Phone** _____

   Address _____
   (Street No. & Name) (Post Office) (State) (Zip)

6. **Location: On the** East **side of** Mount Airy Road (Street)
   1000 **feet** South East (Direction)
   of Bethlehem Road (Street)

7. **Acreage of Parcel** 3.45 Ac. 8. **Zoning District** R-3

9. **Tax Map Designation: Section** 65 **Block** 1 **Lot** 5.1

10. **This application is for** 7900 S.F. ± Addition of existing church building.

11. **Has the Zoning Board of Appeals granted any variance or a special permit concerning this property?** No

If so, list Case No. and Name_____

_____

12. List all contiguous holdings in the same ownership
Section 65 Block 1 Lot(s) 5.1

Attached hereto is an affidavit of ownership indicating the dates the respective holdings of land were acquired, together with the liber and page of each conveyance into the present owner as recorded in the Orange County Clerk's Office. This affidavit shall indicate the legal owner of the property, the contract owner of the property and the date the contract of sale was executed.

IN THE EVENT OF CORPORATE OWNERSHIP: A list of all directors, officers and stockholders of each corporation owning more than five percent (5%) of any class of stock must be attached.

OWNER'S ENDORSEMENT
(Completion required ONLY if applicable)

COUNTY OF ORANGE
SS.:
STATE OF NEW YORK

_____ being duly sworn, deposes and says that he resides at _____ in the County of _____ and State of _____ and that he is (the owner in fee) of _____ (Official Title) of the Corporation which is the Owner in fee of the premises described in the foregoing application and that he has authorized _____ to make the foregoing application for Special Use Approval as described herein.

I HEREBY DEPOSE AND SAY THAT ALL THE ABOVE STATEMENTS AND INFORMATION, AND ALL STATEMENTS AND INFORMATION CONTAINED IN THE SUPPORTING DOCUMENTS AND DRAWINGS ATTACHED HERETO ARE TRUE.

Sworn before me this 30th day of June 1988

The Church of Jesus Christ of Latter-Day Saints
(Owner's Signature)

Norman B Swan
(Applicant's Signature)

Doris Blake
Notary Public

Bishop
(Title)

DORIS BLAKE
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES JUNE 21, 1992

REV. 3-87

14 16 4 (2/87)- Text 12

PROJECT ID NUMBER

617.21
Appendix C
State Environmental Quality Review

SEQR

SHORT ENVIRONMENTAL ASSESSMENT FORM
For UNLISTED ACTIONS Only

PART I—PROJECT INFORMATION (To be completed by Applicant or Project sponsor)

1. APPLICANT /SPONSOR
Church of Jesus Christ of Latter-Day Saints

2. PROJECT NAME
Building Addition

3. PROJECT LOCATION
Municipality: Town of New Windsor County: Orange

4. PRECISE LOCATION (Street address and road intersections, prominent landmarks, etc. or provide map)
Mount Airy Road

5. IS PROPOSED ACTION:
☐ New ☒ Expansion ☐ Modification/alteration

6. DESCRIBE PROJECT BRIEFLY:
Addition of approximately 7900 S.F. classroom area and 50 parking spaces.

7. AMOUNT OF LAND AFFECTED:
Initially 3.45 acres Ultimately 3.45 acres

8. WILL PROPOSED ACTION COMPLY WITH EXISTING ZONING OR OTHER EXISTING LAND USE RESTRICTIONS?
☒ Yes ☐ No If No, describe briefly
Except development coverage which will require a zoning variance.

9. WHAT IS PRESENT LAND USE IN VICINITY OF PROJECT?
☒ Residential ☐ Industrial ☐ Commercial ☐ Agriculture ☐ Park/Forest/Open space ☐ Other
Describe:
Zone R3 - Suburban Residential

10. DOES ACTION INVOLVE A PERMIT APPROVAL, OR FUNDING, NOW OR ULTIMATELY FROM ANY OTHER GOVERNMENTAL AGENCY (FEDERAL, STATE OR LOCAL)?
☒ Yes ☐ No If yes, list agency(s) and permit/approvals
Town of New Windsor Planning Board Approval
Town of New Windsor Zoning Board Variance

11. DOES ANY ASPECT OF THE ACTION HAVE A CURRENTLY VALID PERMIT OR APPROVAL?
☐ Yes ☒ No If yes, list agency name and permit/approval

12. AS A RESULT OF PROPOSED ACTION WILL EXISTING PERMIT/APPROVAL REQUIRE MODIFICATION?
☐ Yes ☒ No

I CERTIFY THAT THE INFORMATION PROVIDED ABOVE IS TRUE TO THE BEST OF MY KNOWLEDGE

Applicant/sponsor name: Church of Jesus Christ of Latter-Day Saints Date: 6/28/88

Signature: Arthur T. Fanelli for Applicant

If the action is in the Coastal Area, and you are a state agency, complete the Coastal Assessment Form before proceeding with this assessment

OVER

PART II—ENVIRONMENTAL ASSESSMENT (To be completed by Agency)

A. DOES ACTION EXCEED ANY TYPE I THRESHOLD IN 6 NYCRR, PART 617.12? If yes, coordinate the review process and use the FULL EAF.
[ ] Yes [X] No

B. WILL ACTION RECEIVE COORDINATED REVIEW AS PROVIDED FOR UNLISTED ACTIONS IN 6 NYCRR, PART 617.6? If No, a negative declaration may be superseded by another involved agency.
[X] Yes [ ] No

C. COULD ACTION RESULT IN ANY ADVERSE EFFECTS ASSOCIATED WITH THE FOLLOWING: (Answers may be handwritten, if legible)

C1 Existing air quality, surface or groundwater quality or quantity, noise levels, existing traffic patterns, solid waste production or disposal, potential for erosion, drainage or flooding problems? Explain briefly:

No - Consistant with present use

C2 Aesthetic, agricultural, archaeological, historic, or other natural or cultural resources; or community or neighborhood character? Explain briefly:

No

C3. Vegetation or fauna, fish, shellfish or wildlife species, significant habitats, or threatened or endangered species? Explain briefly:

No

C4. A community's existing plans or goals as officially adopted, or a change in use or intensity of use of land or other natural resources? Explain briefly.

No

C5 Growth, subsequent development, or related activities likely to be induced by the proposed action? Explain briefly.

No

C6 Long term, short term, cumulative, or other effects not identified in C1-C5? Explain briefly.

No

C7 Other impacts (including changes in use of either quantity or type of energy)? Explain briefly.

D IS THERE, OR IS THERE LIKELY TO BE, CONTROVERSY RELATED TO POTENTIAL ADVERSE ENVIRONMENTAL IMPACTS?
[ ] Yes [X] No If Yes, explain briefly

PART III—DETERMINATION OF SIGNIFICANCE (To be completed by Agency)

INSTRUCTIONS: For each adverse effect identified above, determine whether it is substantial, large, important or otherwise significant. Each effect should be assessed in connection with its (a) setting (i.e. urban or rural); (b) probability of occurring; (c) duration; (d) irreversibility; (e) geographic scope; and (f) magnitude. If necessary, add attachments or reference supporting materials. Ensure that explanations contain sufficient detail to show that all relevant adverse impacts have been identified and adequately addressed.

[ ] Check this box if you have identified one or more potentially large or significant adverse impacts which MAY occur. Then proceed directly to the FULL EAF and/or prepare a positive declaration.

[X] Check this box if you have determined, based on the information and analysis above and any supporting documentation, that the proposed action WILL NOT result in any significant adverse environmental impacts AND provide on attachments as necessary, the reasons supporting this determination:

Town of New Windsor Planning Board
Name of Lead Agency

Print or Type Name of Responsible Officer in Lead Agency

Title of Responsible Officer

Signature of Responsible Officer in Lead Agency

T. Corbett, P.E.
Signature of Preparer (if different from responsible officer)

Date

TOWN OF NEW WINDSOR PLANNING BOARD
SITE PLAN CHECKLIST

ITEM

1. X Site Plan Title
2. X Applicant's Name(s)
3. X Applicant's Address(es)
4. X Site Plan Preparer's Name
5. X Site Plan Preparer's Address
6. X Drawing and Revision Dates
7. X 4"x2" Box for Approval Stamp.
8. X AREA MAP INSET
9. X Site Designation
10. X Properties Within 500 Feet of Site
11. X Property Owners (Item #10)

12. X PLOT PLAN
13. X Scale (1" = 50' or lesser)
14. X Metes and Bounds
15. X Zoning Designation
16. X North Arrow
17. X Abutting Property Owners
18. X Existing Building Locations
19. X Existing Paved Areas
20. X Existing Vegetation
21. X Existing Access & Egress

PROPOSED IMPROVEMENTS

22. X Landscaping
23. X Exterior Lighting
24. X Screening
25. X Access & Egress
26. X Parking Areas
27. N/A Loading Areas
28. X Paving Details (Items 25-27)
29. X Curbing Locations
30. X Curbing Through Section
31. X Catch Basin Locations
32. X Catch Basin Through Section
33. X Storm Drainage
34. N/A Refuse Storage
35. X Other Outdoor Storage
36. X Area Lighting
37. X Sanitary Disposal Sys.

38. X Water Supply/Fire Hydrants
39. X Building Locations
40. X Building Setbacks
41. N/A Front Building Elevations
42. X Divisions of Occu
43. N/A Sign Details
44. X BULK TABLE INSET
45. X Property Area (Neares 100 sq. ft.)
46. X Building Coverage (sq. ft.)
47. X Building Coverage (% of Total Area)
48. X Pavement Coverage (Sq. Ft.)
49. X Pavement Coverage (% of Total Area)
50. X Open Space (Sq. Ft.)
51. X Open Space (% of Total Area)
52. X No. of Parking Space Proposed.
53. X No. of Parking Required.

This list is provided as a guide only and is for the convenience of the Applicant. The Town of New Windsor Planning Board may require additional notes or revisions prior to granting approval.

PREPARER'S ACKNOWLEDGEMENT:
The Site Plan has been prepared in accordance with this checklist and the Town of New Windsor Ordinances, to the best of my knowledge.

LICENSED PROFESSIONAL ENGINEER GREGORY J. SHAW No. 54121 UNIVERSITY OF THE STATE OF NEW YORK

By: _____
Licensed Professional

Rev. 3-87

Date: June 23, 1988

PROXY STATEMENT

for submittal to the

TOWN OF NEW WINDSOR PLANNING BOARD

Norman B. Snarr, deposes and says that he resides at 26 Hilltop Dr., New Windsor, N.Y.
(~~Owner's~~ Bishop's Address)
in the County of Orange

and State of New York

and that he is the Bishop of The Church of Jesus Christ of Latter-Day Saints ~~and that he~~ which is the owner in fee of Tax map Designation Section 65, Block 1, Lot 5.1

which is the premises described in the foregoing application and

that he has authorized Gregory J. Shaw, P.E.

to make the foregoing application as described therein.

Date: 6/28/88

Norman B Snarr
(~~Owner's~~ Bishop's Signature)

Doris Blake
(Witness' Signature)

PARKING SCHEDULE

BUILDING USE:
THE PROPOSED BUILDING WILL PROVIDE CLASSROOMS AND A MULTI-PURPOSE ROOM FOR RECREATION/VOLLEYBALL, SOCIAL ACTIVITIES, ETC. THE PARKING LAYOUT HAS BEEN BASED ON THE TOTAL NUMBER OF FIXED SEATING IN THE MAIN CHAPEL BECAUSE BOTH AREAS WILL NOT BE USED AT THE SAME TIME.

EXISTING FIXED SEATING (PEWS & PLATFORM CHAIRS)		205 SEATS
ADDITIONAL PROPOSED FIXED SEATING (PEWS ADDED TO EXISTING CHAPEL)		52 SEATS
TOTAL FIXED SEATING		257 SEATS
PARKING	REQUIRED	PROVIDED
1 SPACE FOR EVERY 3 SEATS	86 SPACES	
EXISTING PARKING (UNDISTURBED)		38 SPACES
EXISTING PARKING (RE-STRIPED)		29 SPACES
NEW PARKING		50 SPACES
TOTAL	86 SPACES	117 SPACES

NOTES

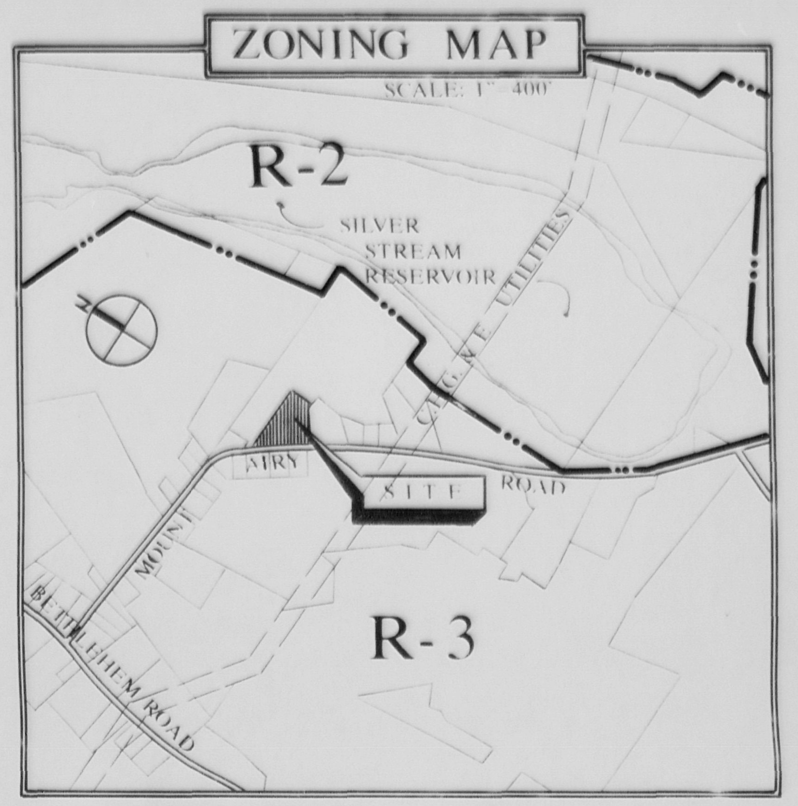
1) THE GENERAL CONTRACTOR SHALL REVIEW LOCATIONS OF EXTERIOR CONCRETE PADS WITH ARCHITECT AND HVAC SUB-CONTRACTOR PRIOR TO INSTALLATION.
2) CONTRACTOR IS DIRECTED TO SPECIFICATION SECTION 01540 OF THE PROJECT MANUAL FOR PROTECTION OF EXISTING LAWNS, SIDEWALKS, CURBS, PAVEMENT, ETC. AND REPLACEMENT OF SAME IF DISTURBED OR DAMAGED DURING CONSTRUCTION.
3) THE GROUND SURFACE WITHIN THE MECHANICAL EQUIPMENT COURTYARD SHALL BE 3/4" TO 1 1/2" WASHED GRAVEL OVER .006 PVE VAPOR BARRIER.
4) EXISTING WELL SHALL BE ABANDONED IN ACCORDANCE WITH SECTION 13 OF AWWA A100-84 "AWWA STANDARD FOR WATER WELLS."

PLANTING SCHEDULE

KEY	QUAN	BOTANICAL NAME	COMMON NAME	SIZE
1	5	TAXUS CUSPIDATA DENSA	DENSE JAPANESE YEW	2'-2 1/2' HGT
2	4	ACER SACCHARUM	SUGAR MAPLE	3"-3 1/2" CAL
3	21	PINUS STROBUS	WHITE PINE	5'-7' HGT
4	7	KALMIA LATIFOLIA	MOUNTAIN LAUREL	2'-2 1/2' HGT

NOTE.
ALL PLANTS BALL AND BURLAP OR POTTED TO MEET CURRENT STANDARDS OF AMERICAN ASSOCIATION OF NURSERYMEN.

ZONING MAP



ZONING SCHEDULE

ZONE R-3 SUBURBAN RESIDENTIAL

PERMITTED USE: PLACE OF WORSHIP		REQUIRED	PROPOSED
MIN. LOT AREA		3 ACRES	3.45 ACRES±
MIN. LOT WIDTH		125 FT	450 FT
FRONT YARD	MINIMUM SETBACK	45 FT	80 FT
SIDE YARD	MINIMUM SETBACK	20/40 FT	46 FT
REAR YARD	MINIMUM SETBACK	50 FT	233 FT
STREET FRONTAGE		70 FT	525 FT
MAX. BLDG. HEIGHT		35 FT	30 FT
DEVELOPMENT COVERAGE		25%	52%
BUILDING COVERAGE			16,050 SF / 10.7%
PAVEMENT COVERAGE			62,100 SF / 41.3%
OPEN SPACE			72,135 SF / 48.0%

LEGEND

EXISTING		NEW	
104	1' CONTOUR	104	FINISH CONTOUR
100	5' CONTOUR	100.10	FIN. SPOT ELEV
	BOUNDARY LINE	15"ST	STORM SEWER
	ADJOINING PROPERTY LINE		CATCH BASIN
12"ST	STORM SEWER		FLUSHING BASIN
—x—x—	CHAIN LINK FENCE		LIGHTING FIXTURE
CB	CATCH BASIN	4"FM	FORCE MAIN
	UTILITY POLE		CONCRETE THRUST BLOCK
	LIGHT POLE		WELL
3"G	GAS LINE	—W—	WATER SUPPLY LINE
	TREES		
	BUSHES/SHRUBS		

NOTES

1.) TOTAL PARCEL AREA: 3.45± ACRES
2.) TAX MAP DESIGNATION: SECT 65 BLOCK 1 LOT 5.1
3.) RECORD OWNER & APPLICANT:
CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
50 E. NORTH TEMPLE
SALT LAKE CITY, UTAH 84150
4.) SURVEY BOUNDARY & TOPOGRAPHIC INFORMATION WAS OBTAINED FROM A DRAWING ENTITLED "SURVEY FOR THE CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS" PREPARED BY ELIAS D. GREVAS, L.S. AND DATED MAY 19, 1988.
5.) THE EXISTING SEWAGE DISPOSAL SYSTEM SHALL REMAIN TO SERVICE THE EXISTING BUILDING. THE PROPOSED SEWAGE DISPOSAL SYSTEM IS AN INDEPENDENT SYSTEM TO SERVICE THE PROPOSED ADDITION.
6.) THE GRASS AND PLANTING AREAS NEAR THE EXISTING SEPTIC TANK SHALL BE REGRADED TO DRAIN AWAY FROM THE BUILDING. ANY SHRUBS OR OTHER PLANTINGS WHICH ARE DAMAGED SHALL BE REPLACED AND THE LAWN AREA RESEEDED.
7.) UPON FINAL GRADING OF THE SITE, ALL DISTURBED AREAS SHALL BE SEEDED WITH EQUAL MIXTURE OF BLUE GRASS, FESCUE AND RYE GRASS. ALL EMBANKMENTS HAVING A SLOPE OF ONE (1) VERTICAL TO THREE (3) HORIZONTAL OR GREATER SHALL BE STABILIZED WITH CROWN VETCH AND RYE GRASS.
8.) THE PROPOSED SEWAGE PUMP STATION AND OTHER INTERIOR PIPING HAS BEEN DESIGNED BY FISHKILL ENGINEERING.

Shaw Engineering
Consulting Engineers
744 Broadway Newburgh N.Y. 12550

Site Plan APPROVAL GRANTED BY TOWN OF NEW WINDSOR PLANNING BOARD ON April 13, 1989
BY Daniel C. McCarville
DANIEL C. McCARVILLE SECRETARY

NOTES:
1) UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209-2 OF THE NEW YORK STATE EDUCATION LAW.
2) COPIES FROM THE ORIGINAL OF THIS DOCUMENT WITHOUT A FACSIMILE OF THE SIGNATURE AND AN ORIGINAL OF THE STAMP OR EMBOSSED SEAL OF THE PROFESSIONAL ENGINEER SHALL NOT BE CONSIDERED VALID TRUE COPIES.

ISSUE	REVISION	DATE
3	MT. AIRY ROAD SWALE	2-27-89
2	COORDINATE WITH ARCHITECTURAL & MECHANICAL	11-14-88
1	REVISED BRICK WALL AND EAST ENTRANCE	7-27-88

Drawn By: [illegible]
Checked By: CTF
Scale: 1" = 20'-0"
Date: 6-23-1988

Drawing: SITE PLAN
Project: CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
MOUNT AIRY ROAD, TOWN OF NEW WINDSOR, N.Y.

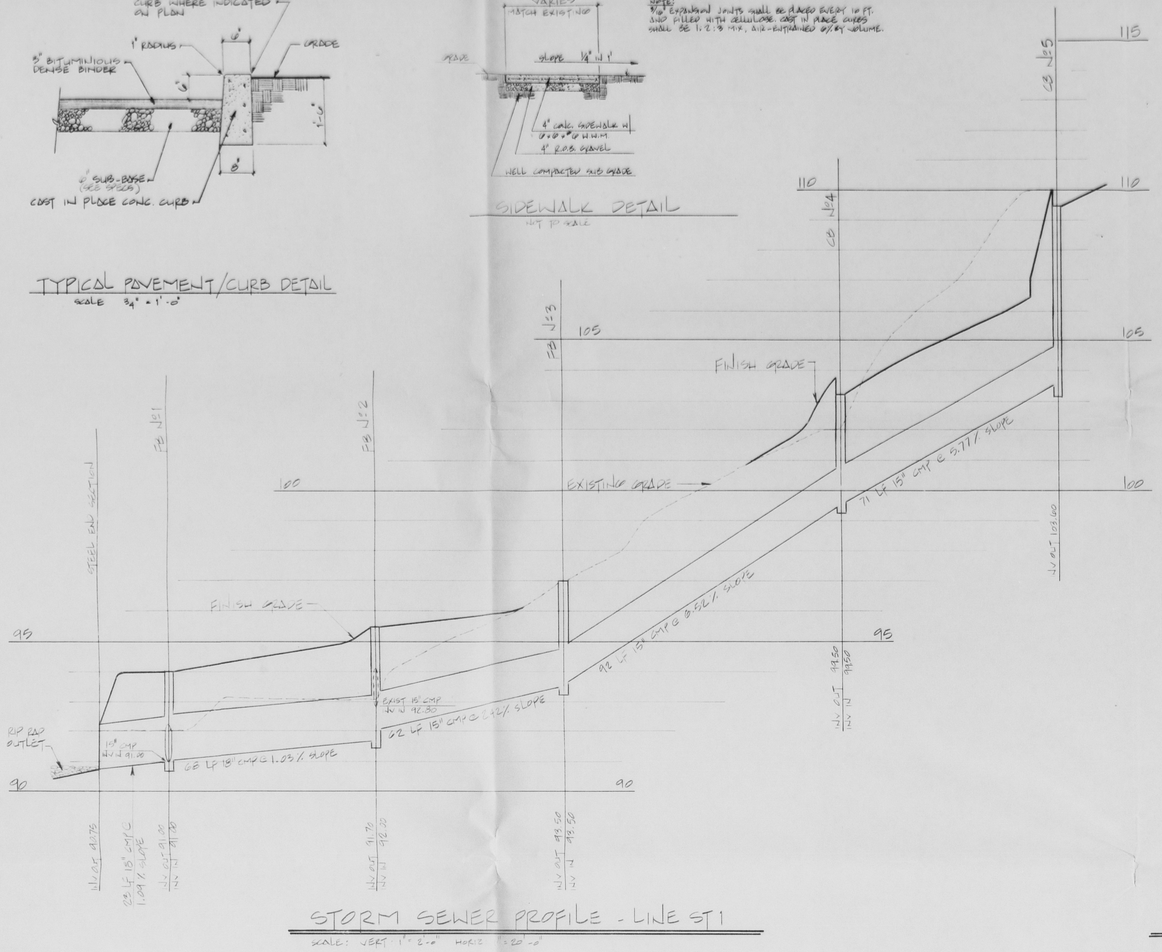
SD 1
Project No. 8814

MAR 30 1989 P.B. #88-43

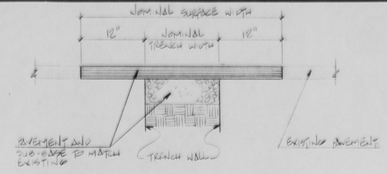
TYPICAL PAVEMENT/CURB DETAIL
SCALE 3/4" = 1'-0"

NOTE:
1/2" EXPANSION JOINTS SHALL BE PLACED EVERY 10 FT. AND FILLED WITH CELLULOSE. CAST IN PLACE CURBS SHALL BE 1:2:3 MIX, AIR-ENTRAINED BY 6% VOLUME.

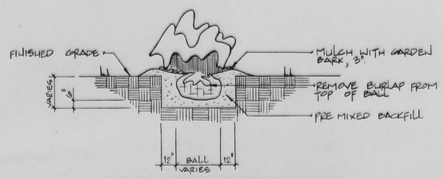
SIDEWALK DETAIL
NOT TO SCALE



STORM SEWER PROFILE - LINE ST 1
SCALE: VERT 1" = 2'-0" HORIZ 1" = 20'-0"

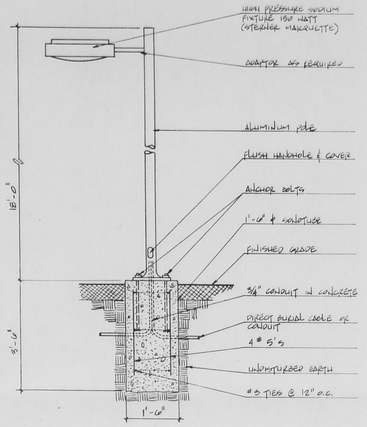


PAVEMENT REPLACEMENT DETAIL
NOT TO SCALE

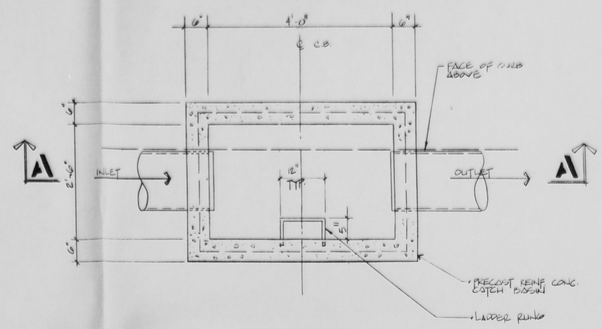


EVERGREEN & DECIDUOUS SHRUBS

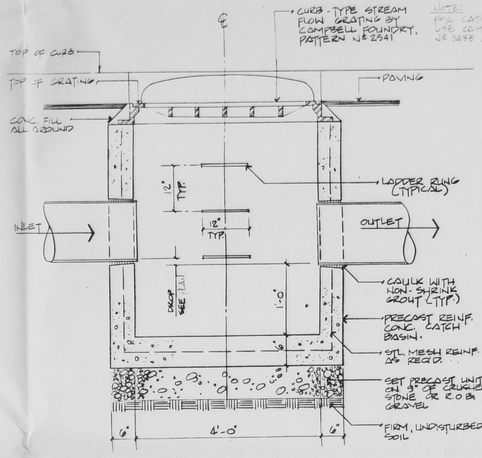
SHRUB PLANTING DETAIL
NO SCALE



LIGHT POLE DETAIL
NOT TO SCALE



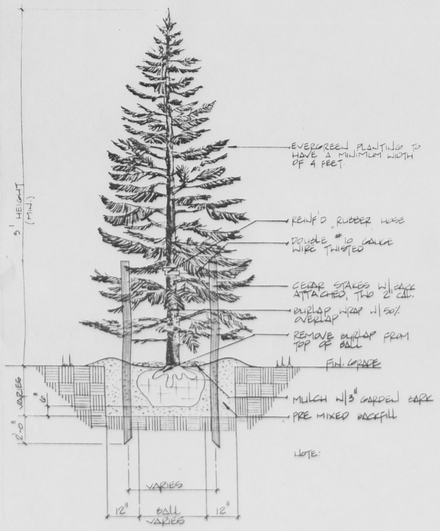
PLAN



NOTE:
FOR CATCH BASINS NO 7 & 9, 10 & 12 USE CAMPBELL FOUNDRY NO 3493 W/ THAT CURB PIECE

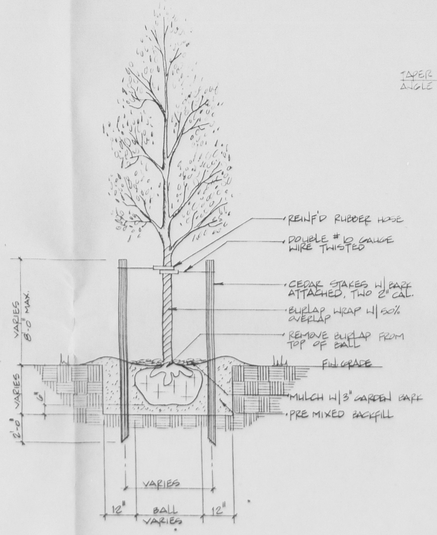
SECTION A A
NTS

CURB TYPE CATCH BASIN

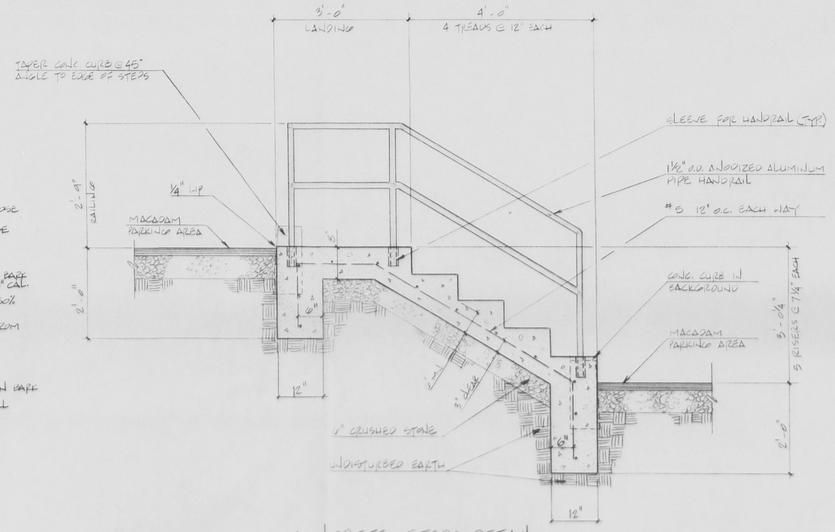


NOTE:

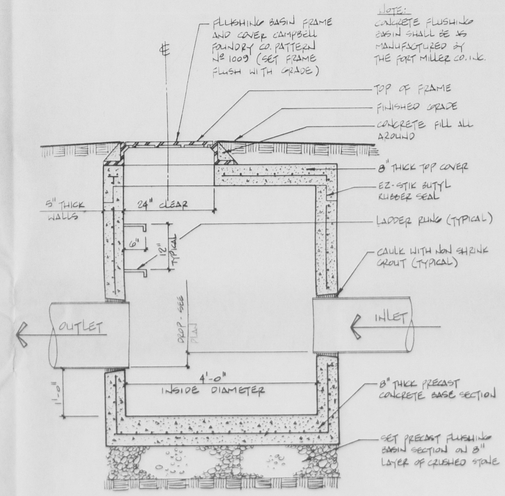
TREE PLANTING DETAIL
NO SCALE



TREE PLANTING DETAIL
NO SCALE



CONCRETE STEPS DETAIL
SCALE: 3/4" = 1'-0"



TYPICAL FLUSHING BASIN
NOT TO SCALE

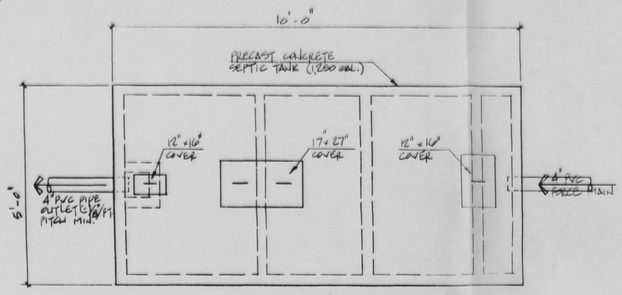
Shaw Engineering
Consulting Engineers
744 Broadway Newburgh N.Y. 12550

ISSUE	REVISION	DATE
3	NO REVISION	10-27-89
2	ADD NOTE TO CB DETAIL	10-6-89
1	NO REVISION	7-27-88

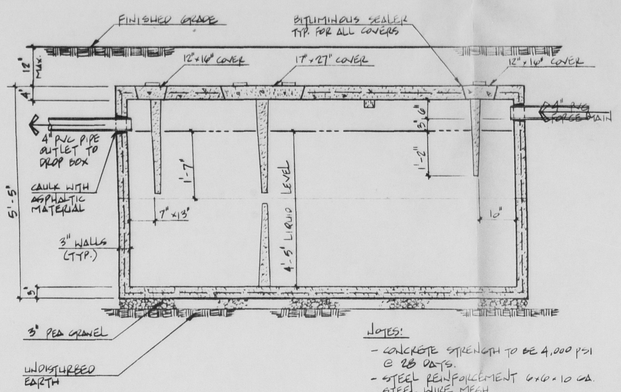
Drawn By: LJ
Checked By: STF
Scale: AS NOTED
Date: 6-23 1988

Drawing: SITE DETAILS
Project: CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
MOUNT AIRY ROAD TOWN OF NEW WINDSOR, N.Y.

SD 2
Project No. 8814



PLAN



NOTES:
- CONCRETE STRENGTH TO BE 4,000 PSI @ 28 DAYS.
- STEEL REINFORCEMENT 6 x 6 - 10 GA. STEEL WIRE MESH
- SEPTIC TANK AS MANUFACTURED BY WORRARD CONCRETE PRODUCTS.

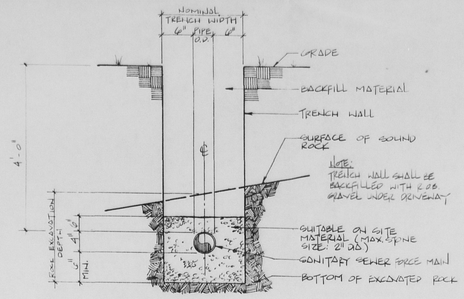
SECTION

1,250 GALLON SEPTIC TANK

NOT TO SCALE

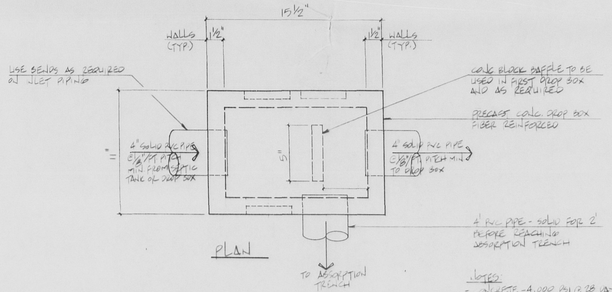
SEWAGE DISPOSAL SYSTEM DESIGN BASIS

- TEST PITS TP1 & TP2 JUNE 13, 1988
  0'-9" TOPSOIL
  9" A BROWN SILTY LOAM
  4' B BROWN SILTY LOAM WITH SHALE FRAGMENTS
  NO GROUND WATER ENCOUNTERED
- PERCOLATION TESTS JUNE 16, 1988
  P1 = 17 M.I.
  P2 = 18 M.I.
- PROPOSED FIXED SEATS = 52
  DESIGN RATE PER SEAT = 5 GPD/SEAT
  260 GPD
- TOTAL
- DESIGN FLOW RATE = 675 GPD
- REQUIRED LENGTH OF ABSORPTION TRENCH = 432 LF (FOR 16-20 M.I. PERCOLATION)
- ABSORPTION TRENCH PROVIDED = 450 LF

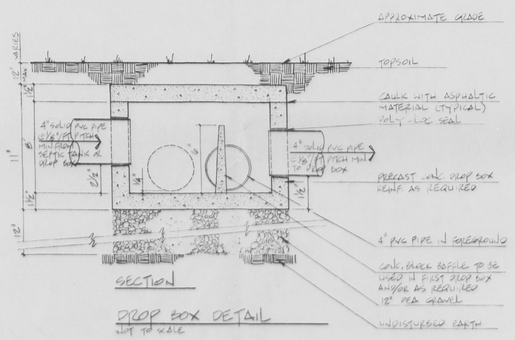


FORCE MAIN / ROCK EXCAVATION

NOT TO SCALE

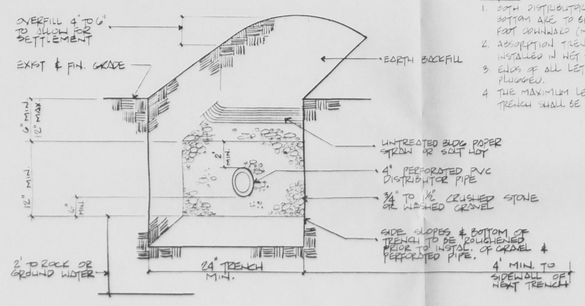


NOTES:
- CONCRETE - 4,000 PSI @ 28 DAYS
- MANUFACTURED BY: WORRARD CONCRETE PRODUCTS INC. MODEL NO. DB
- PLUG UNUSED OUTLETS



DROP BOX DETAIL

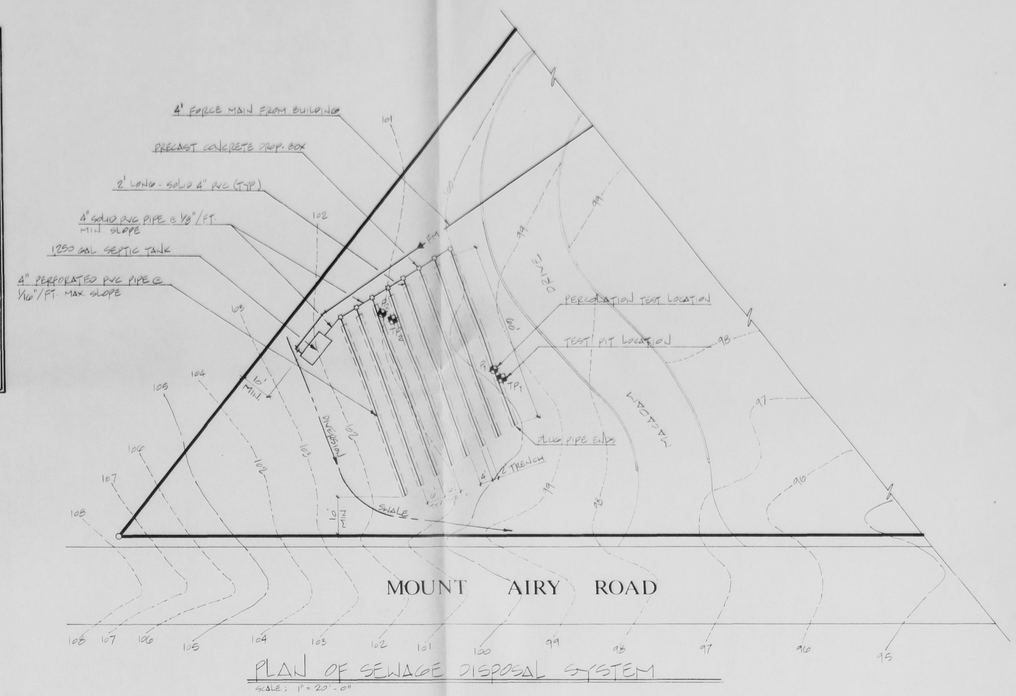
NOT TO SCALE



NOTES:
1. BOTH DISTRIBUTAL PIPE AND TRENCH BOTTOM ARE TO BE SLOPED 1/16" PER FOOT DOWNHILL (MAX.)
2. ABSORPTION TRENCH SHALL NOT BE INSTALLED IN WET SOIL.
3. ENDS OF ALL LATERALS SHALL BE PLUGGED.
4. THE MAXIMUM LENGTH OF ABSORPTION TRENCH SHALL BE 60 FT.

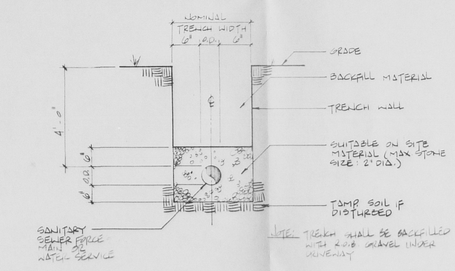
ABSORPTION TRENCH DETAIL

NOT TO SCALE



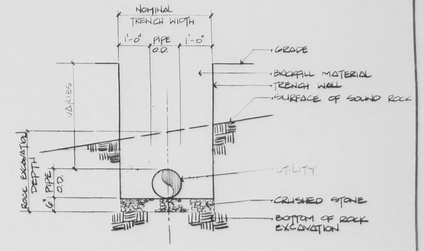
PLAN OF SEWAGE DISPOSAL SYSTEM

SCALE: 1" = 20'-0"



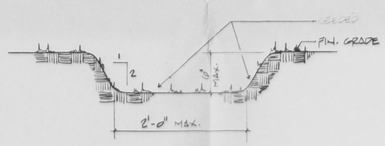
FORCE MAIN & WATER SERVICE EXCAVATION

NOT TO SCALE



ROCK EXCAVATION DETAIL

NOT TO SCALE



DIVERSION SWALE DETAIL

NOT TO SCALE

Shaw Engineering
Consulting Engineers
744 Broadway Newburgh N.Y. 12550

ISSUE	REVISION	DATE
	NO REVISION	2-27-89
2	WATER SERVICE EXCAVATION DETAIL	1-4-89
1	NO REVISION	7-27-88

Drawn By: MF
Checked By: TP
Scale: AS NOTED
Date: 6-23-1988

Drawing: SEWAGE DISPOSAL SYSTEM
Project: CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
MOUNT AIRY ROAD - TOWN OF NEW WINDSOR, N.Y.

SD 3

Project No. 881