#21-01

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JAN 28 2021
BY: Nancy
pd $360.00
ck #6083

TOWN OF EAST HADDAM
PLANNING AND ZONING COMMISSION
APPLICATION FOR SITE PLAN/SPECIAL EXCEPTION REVIEW
(Section 14A and Section 14 B)

Applicant's Name NICASIO ANGELES TRIMLINE HITECH CONST. Phone 646.879.4478
Address: 150-80 70 RD FLR.2 FLUSHING, N.Y. 11367 Zone/District R1/2
Record Owner: IGLESIA NI CRISTO CHURCH OF CHRIST 4125 16TH NW, WASHINGTON, DC 20011
Property Location: 50 JOHNSONVILLE ROAD

Assessor's Map # 55 Lot # 180

Deed Reference: Volume 1030 Page # 138

Description of proposed uses and structures: MODIFY EXISTING BUILDING (WITH PROPOSED ADDITIONS) INTO CHURCH CHAPEL

Section under which application is made: 9.2.5

APPLICATION, FEE AND SUPPORTING DOCUMENTATION, INCLUDING LETTER(S) FROM THE SANITARIAN, BUILDING OFFICIAL, ZONING OFFICIAL, AND OTHER NESSECARY DOCUMENTS MUST BE IN THE PLANNING AND ZONING OFFICE THE WEDNESDAY PRIOR TO THE MEETING TO BE PLACED ON THE AGENDA.

_____ Attached checklist is completed

_____ Site Plan (Section 14A) and supporting documentation

_____ Letter from the Building Official

_____ Letter from the Chatham Health District

_____ Letter from the Zoning Board of Appeals

_____ Letter from the Zoning Enforcement Officer

_____ Narrative submitted

Section under which application is made:

Section 14A Site Plan Review _____

Fee: $260 minimum. See fee schedule Site Plan Review includes $60.00 fee for DEP Fund - PA-235

Section 14B Special Exception Review ✓

Fee: $360 minimum. See fee schedule Special Exception includes $60.00 fee for DEP Fund - PA-235

Chatham Health District Review - Variable fee

Section 14B.1 Special Exception Review - Waiver Request

14B.1 Special Exception Requirement: In any instance involving a use or uses requiring a Special Exception as set forth in these Regulations, no land or water areas shall be used, nor uses altered or expanded in space, time, or intensity, nor buildings or structures erected, altered, enlarged, the use substantially changed, or used until the Commission grants a Special Exception as defined in this Section 14B, or amend a previously granted Special Exception.

The Commission may waive the requirement for a Special Exception public hearing and other application requirements where it finds that:

a) One Special Exception use is being substituted for another similar use on the same lot.

b) The new use will require no greater parking or loading requirements than the original, as set forth in Section 11 of these Regulations.

c) The new use shall entail no exterior change to the building or site, and

d) The new use shall have no impact on the site, the neighborhood, or the Town which is different from the original, such impact to be measured by the standards set forth in Section 14B.4 of these Regulations.

Substantial changes are considered changes that involve (a) alterations in use from that set forth in an approved statement of use and site plan; or (b) alteration in an existing use, including such alterations that would:

1. Increased the parking demand of the use; or
2. Increase or change the hours of operation of the use; or
3. Increase the noise generation of the use or change the octave band frequency of such noise; or
4. Increase or change the emission of smoke, dust or other contaminants into the air, including both point sources and fugitive emissions; or
5. Increase or change the demand for outdoor storage, truck or equipment traffic (type or volume), water consumption, or effluent disposals; or
6. Involve the use of different equipment, processes, chemicals, or materials; or
7. Increase the amount of lighting.

The owner and the applicant hereby grant the East Haddam Planning and Zoning Commission and/or its agents permission to enter upon the property for which Site Plan or Special Exception Review is requested for the purpose of inspection and enforcement of the Zoning Regulations of the Town of East Haddam.

Date: 08-01-20 _____ Applicant's/Owner's Signature(s)

ROGER NEMEROUT PE 11/12/20 Date received _____

PLAN PREPARER PE/LSSignature DATE

JANUARY 20, 2021

STATEMENT OF USE:

IGLESIA NI CRISTO CHAPEL PROJECT - SPECIAL EXCEPTION APPLICATION
50 JOHNSONVILLE ROAD (MOODUS) EAST HADDAM, CT.

THIS APPLICATION RELATES TO THE REQUEST TO MODIFY AN EXISTING BUILDING INTO A CHAPEL. THE EXISTING BUILDING CURRENTLY HAS NO WATER SERVICE OR SEPTIC SYSTEM.
THIS PROPOSAL INCLUDES:

ADDITIONS TO THE EXISTING STRUCTURE
DRILLING A WELL (TRANSIENT NON COMMUNITY WATER SYSTEM)
INSTALLATION OF A SEPTIC SYSTEM
CONSTRUCTION OF A 50+ SPACE PARKING LOT

THE LOT SIZE IS 1.6 ACRES AND THE PARCEL IS LOCATED WITHIN THE "R 1/2" ZONING DISTRICT.

THE USES WITHIN THE BUILDING INCLUDE:
WORSHIP SANCTUARY (WITH FIXED BENCH SEATING AND MEZZANINE) AND OFFICE.
FIRST FLOOR: = 73 OCCUPANTS
SECOND FLOOR: 18 OCCUPANTS
OFFICE: 2 OCCUPANTS
BASEMENT: = 3 OCCUPANTS
TOTAL BUILDING OCCUPANTS INCLUDING MECHANICAL SPACES: 96 OCCUPANTS

PROPOSED ACTIVITIES TO BE CONDUCTED ON SITE ARE:
WORSHIP SERVICES
NUMBER OF PEOPLE PER SERVICE - 91 MAXIMUM
NUMBER OF SERVICES PER WEEK - 2 (ONE MIDWEEK AND ONE WEEKEND)

BIBLE STUDIES (94 DAYS PER WEEK – 20 PEOPLE PER CLASS)

OFFICE STAFF
5 OFFICE WORKERS

SPECIAL ACTIVITIES AND EVENTS
6 PER YEAR (FULL CAPACITY/EVENT 70 PEOPLE)

THERE ARE NO ACTIVITIES IN THE OTHER BUILDING ON THE SITE.

PARKING SPACE COMPUTATIONS

91 PERSON WORSHIP SERVICE CAPACITY
MAXIMUM 91 SEATS @ 1 SPACE PER 3 SEATS = 32 SPACES*
MINIMUM 91 SEATS @ 1 SPACE PER 5 SEATS = 19 SPACES**
*INCLUDES 2 HANDICAPPED CAR AND 1 VAN ACCESSIBLE SPACE
** INCLUDES 1 HANDICAPPED CAR AND 1 VAN ACCESSIBLE SPACE

PARKING SPACES PROVIDED =
54 SPACES (INCLUDING TWO HANDICAPPED CAR AND ONE HANDICAPPED VAN ACCESSIBLE SPACE)
PROPOSED SPACES IN EXCESS OF MAXIMUM REQUIRED = 54-32 = 22 EXCESS SPACES.
PROPOSED PERVIOUS SURFACE SPACES = 23 > 22 THEREFORE OK.

GENERAL NOTES:

1. THE TOTAL AREA OF THE LOT IS 1.6 ACRES.
2. THE PARCEL IS LOCATED WITHIN R-1/2 RURAL ZONING DISTRICT.
3. THE PARCEL IS IDENTIFIED ON THE TAX ASSESSOR'S MAP AS MAP 55 LOT 180.
4. PROPERTY LINE INFORMATION TAKEN FROM A MAP ENTITLED "PROPERTY OF RAJON REALTY CORP. TOWN OF EAST HADDAM, CONNECTICUT SHEET 1 OF 2 DATED JULY 26, 1994 AND REVISED THROUGH APRIL 16, 2001 AS PREPARED BY RICHARD J. ZOBKOW, L.S. EAST HADDAM, CONNECTICUT.
5. THE PARCEL IS NOT LOCATED WITHIN A PUBLIC DRINKING WATER SUPPLY WATERSHED.
6. THE PARCEL IS NOT LOCATED WITHIN A FLOOD HAZARD AREA.
7. THE PARCEL WILL BE SERVICED BY A PUBLIC NO COMMUNITY WATER SYSTEM AND AN ON SITE SUBSURFACE SEWAGE DISPOSAL (SEPTIC) SYSTEM.
8. THE PARCEL DOES NOT LIE WITHIN AN AQUIFER PROTECTION ZONE.
9. THE PARCEL DOES NOT LIE WITHIN THE GATEWAY CONSERVATION ZONE.
10. THE ENTIRE PARCEL IS COMPRISED OF N.R.C.S. SOIL TYPE 60B (CANTON CHARLTON FINE SANDY LOAM).

NOTE:
THERE ARE NO EXISTING WELLS LOCATED WITHIN 75 FEET OF THE PROPOSED SEPTIC SYSTEM AND NO EXISTING SEPTIC SYSTEMS LOCATED WITHIN 75 FEET OF THE PROPOSED WELL.

NOTE:
TOPSOIL, SEED AND MULCH ALL DISTURBED AREAS

NOTE:
EXISTING BUILDINGS NOT CURRENTLY SERVED BY WELL OR SEPTIC.

BENCH MARK
NAIL IN 24" MAPLE
ELEV. = 66.20
APPROX. DATUM

N/F INGLESIA NICRSITO CHURCH OF CHRIST MAP: 55 LOT: 178

N/F FREDERICK G. GAGNON, TRUSTEE MAP: 55 LOT: 177

N/F FREDERICK G. GAGNON, TRUSTEE MAP: 55 LOT: 176

N/F INGLESIA NICRSITO CHURCH OF CHRIST MAP: 55 LOT: 11

N/F INGLESIA NICRSITO CHURCH OF CHRIST MAP: 55 LOT: 10

N/F INGLESIA NICRSITO CHURCH OF CHRIST MAP: 55 LOT: 181

NEPTUNE AVENUE

JOHNSONVILLE ROAD

JOHNSON MILL POND

NORTH

PROPOSED STOP BAR AND STOP SIGN

PROPOSED ANTI-TRACKING PAD

PROPOSED PERMEABLE PAVERS OR EZ-ROLL GRAVEL PAVERS (HATCHED AREA) - SEE DETAILS SHEET 2

PROPOSED VEGETATED SWALE

EXISTING SIGN TO BE RENOVATED SEE SHEET 2

WATER QUALITY SWALE / RAIN GARDEN - BOTTOM ELEV. = 52.00

PROVIDE ORNAMENTAL 24' WIDE GATE (TYPICAL) AT EACH ENTRANCE (2 REQUIRED)

PROPOSED ORNAMENTAL FENCE - SEE DETAIL SHEET 2 (INSTALL OFF OF TOWN R.O.W.)

EXISTING BUILDING (STORAGE)

PROPOSED BOLLARD LIGHT (TYP)

12'H x 4.8'W PRECAST CONCRETE LEACHING GALLERES

PROPOSED BOLLARD (TYP)

5' CONC. WALK

DISTRIBUTION BOX
INV. IN = 59.60
INV. OUT = 59.50

4" PVC SCH-40 S = 1/4" PER FT (MIN)

4" PVC SDR-35

CLEANOUT TO GRADE

PROPOSED 1,000 GALLON SEPTIC TANK
INV. IN = 60.35
INV. OUT = 60.10

TEMPORARY TOPSOIL STOCKPILE AREA

9' x 18' PARKING STALL

GRASS ISLAND (TYP)

PROPOSED LIGHT POLE (TYP) MAX HEIGHT = 12'

GRASS

100' UPLAND REVIEW ZONE

30 L.F. 12" C.P.P. DRIVEWAY CULVERT WITH FLARED END SECTIONS AND 6' x 6' PAD OF MODIFIED ELR RAP ON FILTER FABRIC ON COMPACTED GRAVEL BASE
COURSE ON INLET
INV. IN = 52.50
INV. OUT = 52.00
PROVIDE 12" MINIMUM COVER OVER CULVERT

PROPOSED LEVEL SPREADER SEE DETAIL SHEET 2

WETLAND BOUNDARY

EXISTING CHAPEL F.H.F.L. ELEV. = 69.3

PROPOSED ADDITION (FULL BSMT)

PROPOSED ADDITION (CRAWLSPACE)

PROPOSED WELL

PROPOSED PROTECTIVE WELL RADIUS EASEMENT TO BE GRANTED TO 50 JOHNSONVILLE ROAD (MAP 55 LOT 180) FROM 42 JOHNSONVILLE ROAD (MAP 55 LOT 181)

LIGHTER & SHORTER DASHED CONTOURS BASED ON FIELD SURVEY TOPOGRAPHY

DARKER & LONGER DASHED CONTOURS TAKEN FROM CT ECO ONLINE DATABASE

ZONING REQUIREMENT TABLE (R 1/2" ZONING DISTRICT)

ITEM	REQUIRED	EXISTING/PROPOSED
LOT SIZE	1/2 ACRE MINIMUM	1.6 ACRES
LOT WIDTH	100 FEET MINIMUM	285 FEET
FRONT YARD SETBACK	30 FEET MINIMUM	34/215 FEET
SIDE YARD SETBACK	20 FEET MINIMUM	65 FEET
REAR YARD	20 FEET MINIMUM	40 FEET
BUILDING COVERAGE	15% MAXIMUM	3.7%
LOT IMPERVIOUS SURFACE COVER	20% MAXIMUM	20%
BUILDING HEIGHT	30 FEET MAXIMUM	<30 FEET

LIGHTING SCHEDULE

TYPE	QTY	PART NUMBER	KW	LUMENS	CCT	DESCRIPTION
A	3	RCPM-65LED-NW	52	4047	0.950	65W 4000K LED POST TOP TYPE 5
B	5	RCPM-65LED-NW3	52	3999	0.950	65W 4000K LED POST TOP TYPE 3

CALCULATION SUMMARY

AREA	CALCTYPE	UNITS	AVG	MAX	MIN	AVG/MIN	MAX/MIN
PARKING	Illuminance	FC	1.61	3.6	0.3	5.37	10.00

SIDEWALK LIGHTING

CALIFORNIA LIGHT BOLLARDS CATALOG NO. CAB-42 WITH T-5 DISTRIBUTION (16 L.E.D. 15 WATT 350 MILLI-AMPS) AS MANUFACTURED BY NL 9 LIGHTING, 701 KINGSHILL PLACE, CARSON, CA 90746 (310) 341-2037 nl9lighting.com

SPACING 30 FEET ON CENTER

PARKING LOT PLANTING SCHEDULE

COMMON NAME	SYMBOL	LATIN NAME	SIZE	QUANTITY
TREES:				
RED OAK	Qr	QUERCUS RUBRA BOREALIS	2-1/2" D.B.H.	3
WHITE OAK	Qa	QUERCUS ALBA	2-1/2" D.B.H.	4
SHRUBS:				
SHAMROCK INKBERRY	IG	ILEX GLABRA "SHAMROCK"	MIN 30" HEIGHT	4

RAIN GARDEN PLANTING LIST

SYMBOL	SCIENTIFIC NAME	COMMON NAME	QUANTITY
HERBS			
Ap	ALOPECURUS PRRATENSIS	MEADOW FOXTAIL	
An	ASTER NOVAE-ANGLIAE	NEW ENGLAND ASTER	
Ba	BIDENS ARISTOSA	TICKSEED SUNFLOWER	
Dc	DESCHAMPSIA CAESPITOSA	TUFTED HAIR GRASS	
Ef	EUPATORIUM FISTULOSUM	JOE PYE WEED	
Ls	LIATRIS SPICATA	SPIKED GAY FEATHER	
Mf	MONARDA FISTULOSA	WILD BERGAMONT	
Pv	PANICUM VIRGATUM	SWITCH GRASS	
SHRUBS			
Ca	CORNUS ALTERNIFOLA	ALTERNATE LEAVED DOGWOOD	
Cm	CORYLUS AMERICANA	AMERICAN HAZELNUT	
Mp	MYRICA PENNSYLVANCA	BAYBERRY	
Va	VACCINUM ANGUSTIFOLIUM	LOWBUSH BLUEBERRY	
Vc	VIBURNUM ACERIFOLIUM	MAPLE LEAF VIBURNUM	
Vl	VIBURNUM LENTAGO	NANNYBERRY	

PLANTINGS SHALL BE PERFORMED UNDER THE SUPERVISION OF A QUALIFIED LANDSCAPE ARCHITECT/ DESIGNER, ENVIRONMENTAL HORTICULTURIST, OR SIMILARLY TRAINED INDIVIDUAL. THE PLANTING EXPERT MAY MAKE CHANGES TO THE TYPE AND NUMBER OF PROPOSED PLANTINGS IN ORDER TO ENSURE SURVIVABILITY.

LEGEND:

EXISTING CONTOUR
PROPOSED CONTOUR
DEEP TEST HOLE
PERCOLATION TEST
SILT FENCE/WOOD CHIP BERM
LIMIT OF UPLAND REVIEW ZONE
N.R.C.S. SOIL TYPE BOUNDARY
SLOPE > 20% AREAS
PROPOSED BOLLARD

OWNER:
IGLESIA NI CRISTO
CHURCH OF CHRIST
4125 16TH NW
WASHINGTON, DC 20011

APPLICANT:
NICASIO ANGELES
(AGENT FOR OWNER)
IGLESIA NI CRISTO
CHURCH OF CHRIST
4125 16TH NW
WASHINGTON, DC 20011

20 10 0 20 40 60
SCALE: 1" = 20 FEET

RECEIVED FOR FILING
DATE:_____
MAP NO._____

APPROVED BY THE EAST HADDAM PLANNING AND ZONING COMMISSION
DATE:_____ CHAIRMAN/SECRETARY:_____
EXPIRATION DATE:_____

NEMERGUT CONSULTING
235 ROUTE 80 - P.O. BOX 666
KILLINGWORTH, CONNECTICUT 06419
PHONE: 860.663.2384
NEMERGUTCONSULTING.COM

STATE OF CONNECTICUT ROGER D. NEMERGUT LIC. NO. 10008 REGISTERED PROFESSIONAL ENGINEER

ROGER D. NEMERGUT
PROFESSIONAL ENGINEER
LIC. NO. 10008

JASON A. NEMERGUT
PROFESSIONAL ENGINEER
LIC. NO. 26088

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THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION UNLESS THE DESIGN ENGINEER'S RAISED PROFESSIONAL SEAL APPEARS ON THE PLAN; AND THE OWNER/CONTRACTOR HAS CONTACTED THE DESIGN ENGINEER TO VERIFY THAT THEY ARE IN POSSESSION OF THE LATEST APPROVED DESIGN PLANS.

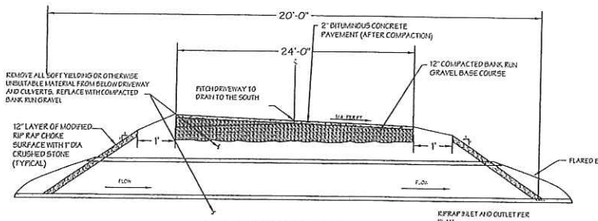
SITE PLAN & EROSION AND SEDIMENT CONTROL PLAN PROPOSED CHAPEL ADDITION

IGLESIA NI CRISTO
50 JOHNSONVILLE ROAD
EAST HADDAM CONNECTICUT
MAP: 55 LOT: 180

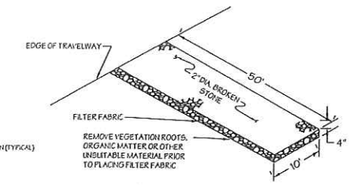
DATE: 1/25/21
DRAWN BY: J.A.N.
CHECKED BY: R.D.N.
SCALE: 1" = 20'

NO.	DATE	REVISIONS

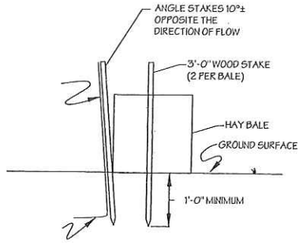
SHEET 1 OF 3



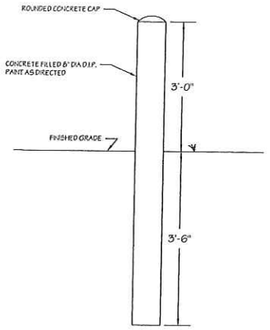
DRIVEWAY SECTION AT CULVERT
NOT TO SCALE



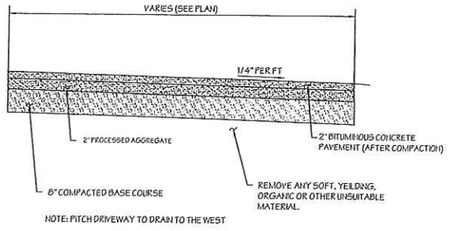
ANTI-TRACKING PAD
NOT TO SCALE"



COMPOSITE SILT BARRIER
NOT TO SCALE"

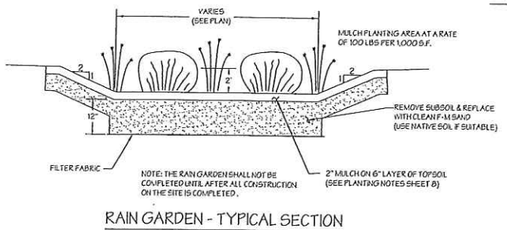


BOLLARD DETAIL
(NOT TO SCALE)

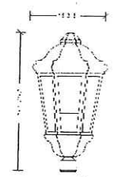


NOTE: PITCH DRIVEWAY TO DRAIN TO THE WEST

PARKING LOT SECTION
NOT TO SCALE



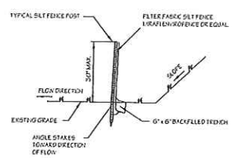
RAIN GARDEN - TYPICAL SECTION
(NOT TO SCALE)



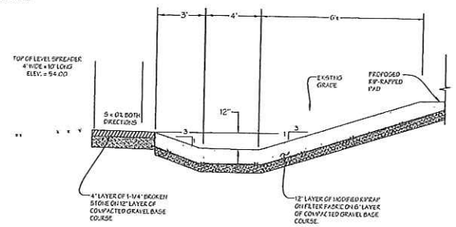


NOTE:
LIGHT POLE SHALL BE 12' ROUND TAPERED COMPOSITE POLE - RTC-P-10-FL-H-A0-T3-BL AS MANUFACTURED BY PROGRESS LIGHTING. (12' MAXIMUM HEIGHT)

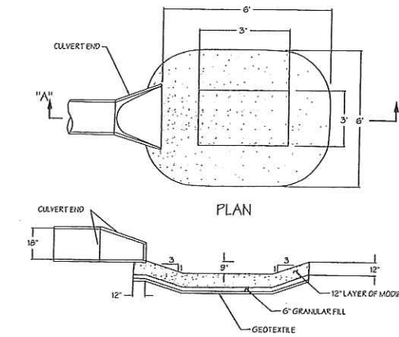
LIGHT DETAIL
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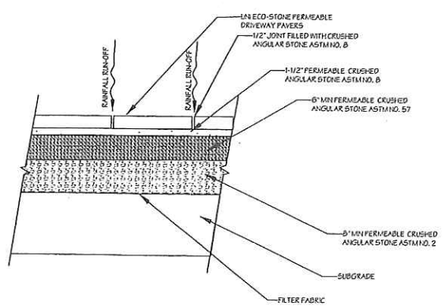
SILT FENCE DETAIL
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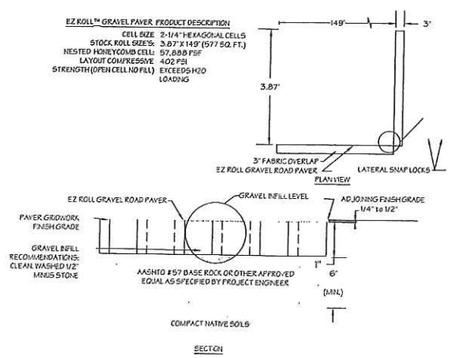
LEVEL SPREADER DETAIL
SCALE: 1" = 4'



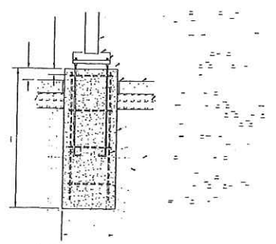
RIP RAP CULVERT PROTECTION DETAIL
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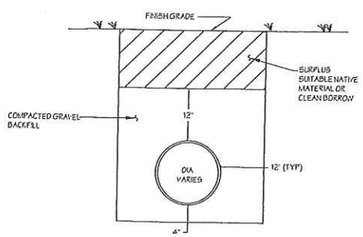
PERMEABLE PAVEMENT DETAIL
NOT TO SCALE



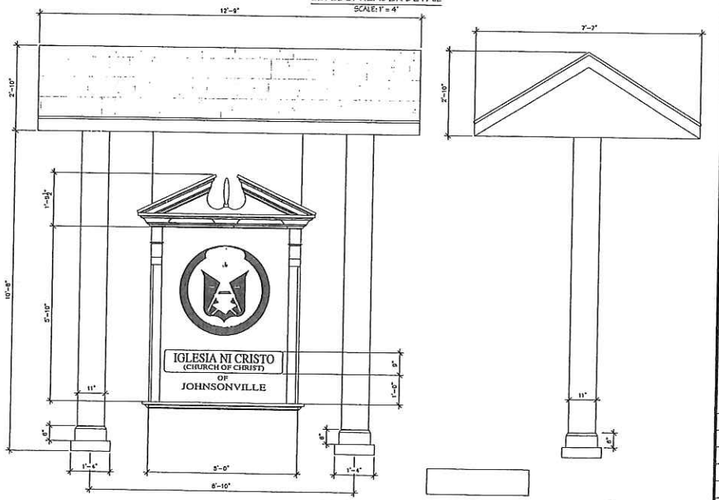
EZ ROLL GRAVEL PAVERS
NOT TO SCALE



LIGHT POLE BASE DETAIL



TYPICAL TRENCH SECTION
NOT TO SCALE



SIGN DETAIL
NOT TO SCALE

NOTE:
SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL SIGN DETAILS

FABRIC IN 8" DEEP TRENCH AND BACKFILL

EROSION AND SEDIMENT CONTROL NARRATIVE

PROJECT DESCRIPTION:

THE PROJECT CONSISTS OF THE CONSTRUCTION OF TWO ADDITIONS TO AN EXISTING BUILDING AS WELL AS THE PROVISION OF SEWER AND WATER SERVICES TO THE BUILDING. THE RENOVATED BUILDING IS TO BE UTILIZED AS A WORSHIP HALL, SUNDAY SCHOOL, AND STAFF OFFICE. THE PROPOSED USE WILL BE CLASSIFIED AS A TRANSITION CONGREGATE WATER SYSTEM AND WILL REQUIRE STATE HEALTH DEPARTMENT APPROVAL. ALSO INCLUDED AS PART OF THE PROJECT IS THE CONSTRUCTION OF A 50+ SPACE PARKING LOT TO SERVICE THE WORSHIP HALL.

DESCRIPTION OF EXISTING SITE CONDITIONS:

THE PARCEL AREA IS 1.6 ACRES. IT IS CLEARED OF TREES (LAWNED) AND HAS MODERATE SLOPES. THERE ARE TWO EXISTING BUILDINGS ON THE SITE, BOTH CURRENTLY VACANT. THE MAIN BUILDING WILL BE ADDED ONTO AND USED AS A WORSHIP HALL AS STATED ABOVE. THE SECOND SMALLER BUILDING IS CURRENTLY UTILIZED FOR STORAGE AND NO MODIFICATIONS OR APPROVALS TO IT ARE PROPOSED.

CONSTRUCTION SCHEDULE:

CONSTRUCTION WOULD COMMENCE LATER THIS YEAR IN THE SPRING OF 2021 (DEPENDING ON THE DATE OF FINAL PLAN APPROVAL) AND BE COMPLETED BY THE SUMMER OF 2021.

RECOMMENDED SEQUENCE OF CONSTRUCTION:

1. INSTALL EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN ON THE APPROVED SITE PLAN.
2. THE CONTRACTOR SHALL NOTIFY THE LAND USE ADMINISTRATOR, AFTER THE EROSION AND SEDIMENT CONTROL MEASURES ARE IN PLACE AND AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
3. STRIP AND STOCKPILE TOPSOIL.
4. COMMENCE FOUNDATION EXCAVATION FOR PROPOSED ADDITIONS
5. POUR ADDITION FOUNDATIONS.
6. INSTALL FOOTING DRAINS AND BACKFILL FOUNDATIONS.
7. COMMENCE BUILDING FRAMING.
8. INSTALL UNDERGROUND UTILITY SERVICES.
9. INSTALL SEPTIC SYSTEM.
10. DRILL WELL.
11. ROUGH GRADE PROPOSED PARKING AREA.
12. INSTALL PARKING LOT BASE MATERIAL
13. INSTALL PARKING LOT LIGHTING.
14. COMPLETE BUILDING ADDITION CONSTRUCTION.
15. COMPLETE PARKING LOT PAVING, PERIMABLE PAVERS, AND SIDEWALKS.
16. FINISH GRADE AND TOPSOIL AND SEED YARD.
17. INSTALL DRIVEWAY CULVERT AND LEVEL SPREADER.
18. COMPLETE PARKING LOT PLANTINGS AND RAINGARDEN/BIORETENTION BASIN.
19. REMOVE EROSION AND SEDIMENT CONTROL MEASURES AS SOON AS PERMANENT VEGETATIVE COVERS ARE ESTABLISHED IN DISTURBED AREAS.

DESIGN CRITERIA AND CONSTRUCTION DETAILS:

SEE SITE PLANS FOR CONSTRUCTION DETAILS.

FILTER FABRIC SILT FENCE IS TO BE USED TO INTERCEPT AND CONTAIN SOIL EROSION RESULTING FROM SURFACE RUNOFF OVER TEMPORARY DISTURBED AREAS.

ANTI-TRACKING PAD (BROKEN STONE WHEEL CLEANER) IS TO BE INSTALLED AT TEMPORARY CONSTRUCTION ENTRANCE TO SHAKE SILT OFF OF CONSTRUCTION VEHICLE TIRES AND MINIMIZE THE AMOUNT OF SILT TRACKED ONTO THE TOWN ROAD.

MAINTENANCE PROGRAM:

FILTER FABRIC SILT FENCE IS TO BE INSPECTED WEEKLY AND IMMEDIATELY AFTER A RAINFALL EVENT OF 1" OR MORE IN A 24 HOUR PERIOD AND DURING A MAJOR STORM EVENT.
(A MAJOR STORM EVENT IS DEFINED AS A STORM PREDICTED BY THE NATIONAL OFFICE OF ATMOSPHERIC ADMINISTRATION WEATHER SERVICE WITH WARNINGS OF FLOODING, SEVERE THUNDERSTORMS, OR SIMILARLY SEVERE WEATHER CONDITIONS.

REPAIR OR REPLACE SILT FENCE AS NECESSARY. CLEAN ACCUMULATED SILT AWAY FROM SILT FENCE WHEN A DEPTH OF 6" IS REACHED OR AS NECESSARY TO MAINTAIN STRUCTURAL INTEGRITY AND EFFECTIVENESS.

ANTI - TRACKING PAD SHALL BE INSPECTED DAILY AND REPAIRED WITH ADDITIONAL LAYERS OF BROKEN STONE AS REQUIRED TO MAINTAIN ITS EFFECTIVENESS.

THE PERSON RESPONSIBLE FOR OVERSEEING AND MONITORING THE EROSION AND SEDIMENT CONTROL MEASURES IS THE CONTRACTOR, NICASIO ANGELES, TRANSFAITH CONSTRUCTION
202-880-4675

RAIN GARDEN PURPOSE:

THE RAIN GARDENS WILL RECEIVE SURFACE RUN-OFF, THE RAIN GARDENS WILL PROVIDE WATER QUALITY RENOVATION VIA INFILTRATION AND VEGETATION UPTAKE.

RAIN GARDEN HYDROLOGIC REGIME:

THE RAIN GARDENS ARE DESIGNED TO BE DRY BASINS. THE BOTTOMS OF THE RAIN GARDENS WILL BE SET APPROXIMATELY 1 FOOT MINIMUM ABOVE THE WATER TABLE.

RAIN GARDEN CONSTRUCTION AND PLANTING NOTES:

1. A PRE-CONSTRUCTION MEETING WILL BE HELD WITH THE PLANTING EXPERT, CONTRACTOR, AND TOWN STAFF, IF THEY SO CHOOSE, AND OTHERS INVOLVED IN THE PROJECT.
2. THE AREA WILL BE EXCAVATED TWENTY (20") INCHES BELOW PROPOSED GRADE AND 12" OF CLEAN SAND AND EIGHT (8") INCHES OF TOPSOIL WILL BE PLACED IN THE AREAS TO BE PLANTED TO PROVIDE A SUITABLE MEDIUM FOR PLANT GROWTH. TOPSOIL PLACEMENT SHALL OCCUR IN A MANNER THAT DOES NOT CAUSE SOIL COMPACTION BY VEHICLES. (IF NATIVE MATERIAL IS CLEAN IT MAY BE USED AS BACKFILL)
3. PLANTING OF THE AREA WILL OCCUR UNDER THE DIRECTION OF A PLANTING EXPERT WHO WILL LOCATE ALL PLANTING MATERIALS.
4. PLANTING SHALL OCCUR LATE MARCH TO EARLY JUNE OR MID-AUGUST TO LATE SEPTEMBER.
5. NEW ENGLAND CONSERVATION/WILDLIFE MIX WILL BE BROADCAST THROUGHOUT THE PLANTING AREA AT A RATE OF 3 LBS./5,000 SQ. FT. SEED MIXES WILL BE SOWN WITH A MECHANIZED SPREADER, LIGHTLY RAKE TO ENSURE PROPER SOIL-SEED CONTACT. SEEDING CAN TAKE PLACE ON FROZEN SOIL, AS THE FREEZING AND THAWING WILL WORK THE SEED INTO THE SOIL. A NON-INVASIVE ANNUAL, SUCH AS WINTER RYE, MAY BE ADDED TO THE MIX TO OBTAIN SOIL STABILIZATION COVER IN THE FALL. DO NOT ADD ANNUAL RYEGRASS, KENTUCKY BLUEGRASS OR PERENNIAL RYEGRASS. ALL SEED MIXES SHOULD BE DILUTED WITH FILLER SUCH AS SAND TO ENSURE UNIFORM COVERAGE. THE SEEDED AREAS TO BE MULCHED.
6. SHRUBS SHALL BE 1 TO 2 OR CONTAINER GROWN AND A MINIMUM HEIGHT OF 3'-4' AND LOCATED RANDOMLY WITHIN THE PLANTING AREA. HERBS SHALL BE 2" PLUGS. PLANTED 18" ON CENTER AND IN GROUPS OF 10 PER SPECIES. OBTAIN PLANTS FROM NEW ENGLAND WETLAND PLANTS, INC. OF AMHERST, MA OR SIMILAR SUPPLIER OF CONSERVATION QUALITY PLANTS (NOT LANDSCAPE QUALITY).
7. TWO INCHES OF MULCH WILL BE PLACED IN THE RAIN GARDEN FOLLOWING PLANTING.
8. ALL SPECIES ARE SUBJECT TO AVAILABILITY. ONLY NATIVE SPECIES MAY BE SUBSTITUTED AND NO SUBSTITUTION SHALL BE OF THE ARMY CORPS OF ENGINEERS OR STATE OF CONNECTICUT INVASIVE PLANT LIST.
10. UPON COMPLETION OF THE PLANTING, THE PLANTING EXPERT WILL CERTIFY THE PLANTING HAS BEEN COMPLETED PER THE PLAN.

OWNER:
IGLESIA NI CRISTO
CHURCH OF CHRIST
4125 16TH NW
WASHINGTON, DC 20011

APPLICANT:
NICASIO ANGELES
(AGENT FOR OWNER)
IGLESIA NI CRISTO
CHURCH OF CHRIST
4125 16TH NW
WASHINGTON, DC 20011

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MAP NO._____

APPROVED BY THE EAST HADDAM PLANNING AND ZONING COMMISSION
DATE:_____ CHAIRMAN/SECRETARY:_____
EXPIRATION DATE:_____

NEMERGUT CONSULTING
235 ROUTE 80 - P.O. BOX 666
KILLINGWORTH, CONNECTICUT
06419
PHONE: 860.663.2384
NEMERGUTCONSULTING.COM

STATE OF CONNECTICUT
ROGER D. NEMERGUT
NO. 10008
REGISTERED PROFESSIONAL ENGINEER

ROGER D. NEMERGUT
PROFESSIONAL ENGINEER
LIC. NO. 10008
JASON A. NEMERGUT
PROFESSIONAL ENGINEER
LIC. NO. 26088

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THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION UNLESS THE DESIGN ENGINEER'S RAISED PROFESSIONAL SEAL APPEARS ON THE PLAN; AND THE OWNER/CONTRACTOR HAS CONTACTED THE DESIGN ENGINEER TO VERIFY THAT THEY ARE IN POSSESSION OF THE LATEST APPROVED DESIGN PLANS.

DETAILS & NOTES

IGLESIA NI CRISTO
50 JOHNSONVILLE ROAD
EAST HADDAM CONNECTICUT
MAP: 55 LOT: 180

DATE: 1/25/21
DRAWN BY: J.A.N.
CHECKED BY: R.D.N.
SCALE: AS NOTED

NO.	DATE	REVISIONS

SHEET

2 OF 3

CHATHAM HEALTH DISTRICT SITE INVESTIGATION FOR A SUBSURFACE SEWAGE DISPOSAL SYSTEM

Location: 50 Johnsonville Map 55 Lot 180 Page 1 Weather: 52 degrees Sunny

Percent Slope: 6% to 12% Parent Material: Date: 4/2/2020 Time: 1:00pm

Completed by: Sonia Marino Accuracy Assured by (if P.E. completed form): Sonia Marino

P.E. or Certified Local Health Agent — Certified Local Health Agent

Others Present for Site Investigation: Roger Nemergut, PE

(installer, Developer, P.E., etc.)

Test Pit #: 1 — Depth to Observed Ground-Water (inches) Weeping: None — Standing: None — Observed Ledge None

Soil Horizon	Depth (inches)	Matrix Color (moist)	Redoximorphic Features: Depth	Color	%	Soil Texture (USDA)	Gravel Percent	Soil Consistence	Roots	Other
A	0-6"	Dark Brown				topsoil				
Fill	6"-16"	Tan/Grey				Clean Fill medium s				
Ab	16"-24"	Dark Brown				Original topsoil				
B1	24"-33"	Yellow Brown				fine sandy loam	10%		33"	
C1	33"-63"	Light Brown				medium sand tr silt				
C2	63"-99"	Medium Brown				coarse sand/gravel	50%/50%			

Test Pit # 2 — Depth to Observed Ground-Water (inches) Weeping: None — Standing: None — Observed Ledge None

Soil Horizon	Depth (inches)	Matrix Color (moist)	Redoximorphic Features: Depth	Color	%	Soil Texture (USDA)	Gravel Percent	Soil Consistence	Roots	Other
A	0-11"	Dark Brown				topsoil				
B1	11"-17"	Yellow Brown				fine sandy loam	10%			Small Stones
C1	17"-34	Medium Brown				coarse sand/gravel				
C2	34"-106"	Light Brown				medium sand tr silt			44"	

Test Pit #: 3 — Depth to Observed Ground-Water (inches) Weeping: None — Standing: None — Observed Ledge None

Soil Horizon	Depth (inches)	Matrix Color (moist)	Redoximorphic Features: Depth	Color	%	Soil Texture (USDA)	Gravel Percent	Soil Consistence	Roots	Other
A	0-9"	Dark Brown				topsoil				
B1	9"-33"	Yellow Brown				fine sandy loam		80%	21"	
C1	33"-62"	Medium Brown				coarse sand/gravel				Pockets of Dark Grav
C2	62"-82"	Light Brown				medium sand trc sil				with Coarse Sand

Test Pit #: 4 — Depth to Observed Ground-Water (inches) Weeping: None — Standing: None — Observed Ledge None

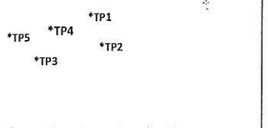
Soil Horizon	Depth (inches)	Matrix Color (moist)	Redoximorphic Features: Depth	Color	%	Soil Texture (USDA)	Gravel Percent	Soil Consistence	Roots	Other
A	0-8"	Dark Brown				topsoil				
Fill	8"-26"	Tan/Grey				Clean Fill medium s				
Ab	26"-33"	Dark Brown				Original topsoil				
B1	33"-58"	Yellow Brown				fine sandy loam	10%		33"	
C1	58"-69"	Light Brown				medium sand tr silt				
C2	69"-100"	Medium Brown				coarse sand/gravel	50%/50%			

Test Pit #: 5 — Depth to Observed Ground-Water (inches) Weeping: None — Standing: None — Observed Ledge None

Soil Horizon	Depth (inches)	Matrix Color (moist)	Redoximorphic Features: Depth	Color	%	Soil Texture (USDA)	Gravel Percent	Soil Consistence	Roots	Other
A	0-11"	Dark Brown				topsoil				
B1	11"-28"	Yellow Brown				fine sandy loam			22"	Slight staining btw soil
C1	28"-58"	Medium Brown				coarse sand/gravel	50/50			change. Not a RL
C2	58"-104"	Light Brown				medium sand tr. Sil				

Special Conditions	
Design Flow > 2000 GPD	Unknown
Public Water Supply Watershed	Unknown
Probable High Ground Water	No
Slope > 25 Percent	No
Perc Rate < 1 min/inch	Unknown
Perc Rate > 30 min/inch	Unknown
Ledge < 5 feet Below Grade	No
Limited Suitable Area	No
Open Watercourse or Wetland	Yes
Flood Plain/Seasonal Flooding	No
G.W. < 36 inches Below Grade	No
Conclusions	
Suitable for Sewage Disposal	Yes
Unsuitable for Sewage Disposal	
Additional Investigation Required	
Wet Season Monitoring Required	
Retest During Wet Season	
Licensed Engineer Plan Required	
Other:	
Possible TNC sent PE Info.	

Location Drawing



* Test Pits are Approx Location PE to survey

Design Requirements: Professional Engineer to do Percolation Tests. If top of system lower than 12" into grade and depending on system depth will determine if MLSS is applicable. At this time MLSS N/A based on no Restrictive Layer for 80"+ Site may need a PWS. No septic or well has ever been on the site. Consdered new construction.

Percolation Test Data

PERCOLATION TEST RESULTS
4-02-20
HOLE DEPTH = 40"
LOCATION: DTH-2

TIME	READING	CHANGE
3:25	29	---
3:30	32	3
3:35	34	2
3:40	35 3/8	1 3/8
3:45	36 5/8	1 2/8
3:50	37 4/8	7/8
3:55	38 2/8	6/8
4:00	38 7/8	5/8
4:05	39 4/8	5/8
4:10	40 2/8	6/8
4:15	HOLE	DRY

PERCOLATION RATE = 8 MINUTES PER INCH

PERCOLATION TEST RESULTS
4-02-20
HOLE DEPTH = 17"
LOCATION: DTH-3

TIME	READING	CHANGE
3:26	4 3/8	---
3:31	7 1/8	2 6/8
3:36	9 1/8	2
3:41	10 6/8	1 5/8
3:46	12 1/8	1 3/8
3:51	13 1/8	1
3:56	14	7/8
4:01	14 6/8	6/8
4:06	15 2/8	4/8
4:11	15 6/8	4/8
4:16	16 2/8	4/8
4:21	HOLE	DRY

PERCOLATION RATE = 10 MINUTES PER INCH

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BASIS FOR SEPTIC SYSTEM DESIGN (CHAPEL AT JOHNSONVILLE)

STATEMENT OF USE:

CHURCH SERVICES:

SEATING CAPACITY - 91 (MAIN SANCTUARY AND MEZZANINE)
NUMBER OF PEOPLE PER SERVICE - 91 MAXIMUM
NUMBER OF SERVICES PER WEEK - 2 (ONE MIDWEEK AND ONE WEEKEND)

OFFICE STAFF (5 OFFICE WORKERS)

SPECIAL ACTIVITIES AND EVENTS PER YEAR - APPROXIMATELY 6 (FULL CAPACITY/EVENT 70 PEOPLE)

THERE ARE NO ACTIVITIES IN THE OTHER BUILDING ON THE SITE.

DESIGN BASIS:

DESIGN SYSTEM FOR SUNDAY SERVICE AND OTHER ACTIVITIES (MEETINGS, BIBLE STUDIES, OFFICE WORKS).

I. CHURCH SERVICE (2 SERVICES PER WEEK (WEEKEND AND WEEK DAY)
91 ATTENDEES PER SERVICE X 1 GAL./DAY/ATTENDEES = 91 GAL./DAY

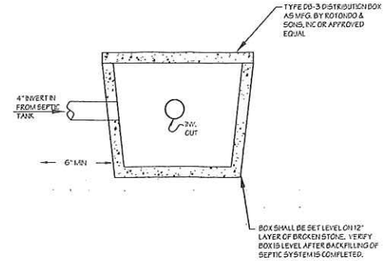
II. MEETINGS AND EVENTS (6 PER YEAR)
73 ATTENDEES X 2 GAL./PERSON/DAY = 146 GAL./DAY
PEAK FLOW = 1.5 X 146 GAL./DAY = 219 GAL./DAY

III. OFFICE STAFF (5 PEOPLE)
5 PEOPLE X 20 GAL./PERSON/DAY = 100 GAL.

TOTAL DAILY FLOW = 91 GAL. + 219 GAL. = 100 GAL./DAY = 410 GAL.

TOTAL EFFECTIVE LEACHING SYSTEM AREA REQUIRED:

(410 GAL./DAY) / (1.5 GAL./S.F./DAY) = 273 S.F.
USE 48 L.F. OF 12" HIGH BY 48" WIDE CONCRETE LEACHING GALLERIES AT 5.9 S.F./L.F. = 283 S.F.

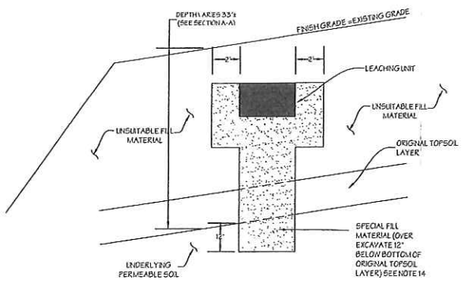


DISTRIBUTION BOX DETAIL
NOT TO SCALE

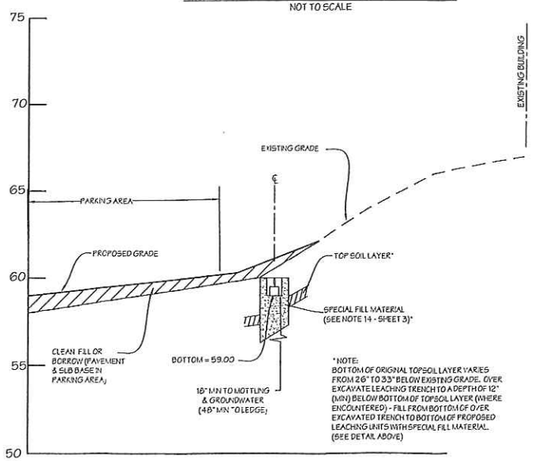


PERIMETER FENCING SHALL BE 48" HIGH BLACK BENNINGTON RESIDENTIAL ALUMINUM FENCE AS MANUFACTURED BY SPECRAIL, 333 WELTON STREET, HAMDEN, CT 06517, 1-800-243-6256 SPECRAIL.COM

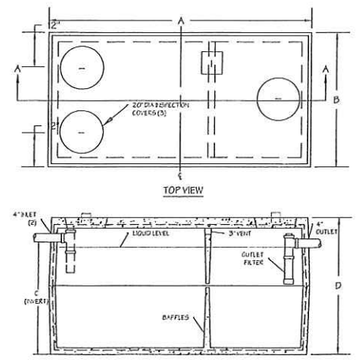
FENCE DETAIL
NOT TO SCALE



TEE-WICK INSTALLATION DETAIL
NOT TO SCALE

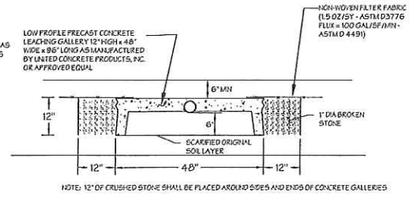


SECTION "A - A"
SCALE: 1"= 20' H. & 1"= 4' V.



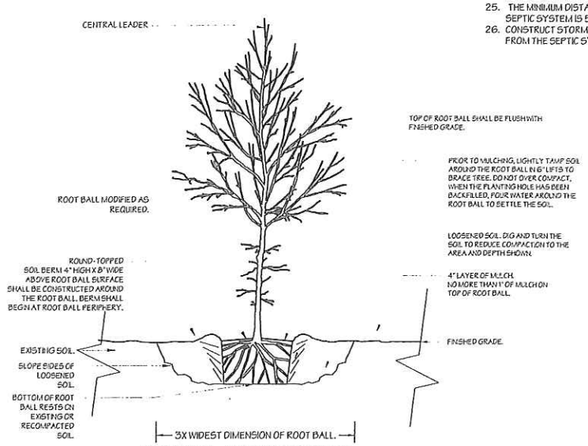
SEPTIC TANK DETAIL
UNITED CONCRETE PRODUCTS, INC.
NOT TO SCALE

LIQUID CAPACITY	A LENGTH	B WIDTH	C INVERT	D HEIGHT
1000 Gal.	8'-2"	4'-6"	5'-2"	5'-11"
1000 Gal. Low Boy	9'-5 3/4"	5'-5 1/2"	3'-9 1/2"	4'-6"
1250 Gal.	9'-6 1/2"	5'-6 1/2"	4'-7"	5'-5"
1250 Gal. Heavy Duty	10'-1"	7'-7"	3'-5"	4'-7"
1500 Gal.	9'-7"	5'-6 3/4"	5'-5 3/8"	6'-3"
1500 Gal. Heavy Duty	10'-1"	7'-7"	4'-2"	5'-4"



NOTE: 12" OF CRUSHED STONE SHALL BE PLACED AROUND SIDES AND ENDS OF CONCRETE GALLERIES

SHALLOW LEACHING GALLERY
NOT TO SCALE



TREE PLANTING DETAIL
NOT TO SCALE

GENERAL NOTES:

1. PROPOSED CONSTRUCTION SHALL CONFORM TO THE 2018 STATE OF CONNECTICUT PUBLIC HEALTH CODE AND TECHNICAL STANDARDS FOR SUBSURFACE SEWAGE DISPOSAL AS AMENDED.
2. ELEVATIONS AND CONTOURS ARE BASED ON AN ASSUMED DATUM.
3. ELEVATIONS SHOWN REFER TO THE INVERT (FLOW LINE) OF THE PROPOSED LEACHING SYSTEM UNLESS NOTED OTHERWISE.
4. PERCOLATION RATE FOR DESIGN = 0 - 10.0 MINUTES PER INCH.
5. THE MINIMUM DISTANCE FROM WELL (POTABLE, GEOTHERMAL, OR IRRIGATION) TO SEPTIC IS 75 FEET.
6. LEACHING SYSTEM AREA SHALL BE LIMED, FERTILIZED, SEEDED AND MULCHED UPON COMPLETION OF THE PROJECT.
7. SEPTIC TANK CONSTRUCTION JOINTS SHALL BE SEALED WITH ASPHALT CEMENT. ALL PIPE CONNECTIONS TO THE SEPTIC TANK AND AND DISTRIBUTION BOXES SHALL BE SEALED WITH A POLYETHYLENE GASKET "FOLY-LOK" OR APPROVED EQUAL
8. SEPTIC TANK BAFFLES SHALL CONFORM TO SECTION VA-1 TECHNICAL STANDARDS OF THE STATE HEALTH CODE.
9. IF FIELD CONDITIONS, (LEDGE, GROUNDWATER, MOTTLING) ARE ENCOUNTERED AT AT SHALLOWER DEPTHS THAN SHOWN IN THE DEEP TEST HOLE RESULTS, CONSTRUCTION SHALL BE HALTED AND THE ENGINEER CONTACTED IMMEDIATELY.
10. SOIL TEST RESULTS SERVING AS THE BASIS FOR THIS DESIGN WERE CONDUCTED BY THE CHATHAM HEALTH DISTRICT AND NEMERGUT CONSULTING.
11. NO DEVIATIONS FROM THE APPROVED DESIGN PLAN SHALL BE ALLOWED WITHOUT THE PRIOR APPROVAL OF THE HEALTH DISTRICT OR THE DESIGN ENGINEER.
12. EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO FIELD MODIFICATION, AS NECESSARY, AS REQUIRED BY THE DESIGN ENGINEER OR TOWN OFFICIALS.
13. STRIP AND STOCKPILE EXISTING TOPSOIL LAYER FROM WITHIN THE PROPOSED LEACHING SYSTEM IN THOSE AREAS WHERE THE BOTTOM OF THE PROPOSED LEACHING SYSTEM IS AT, OR ABOVE, THE BOTTOM OF THE EXISTING TOPSOIL LAYER OR IN THOSE AREAS WHERE SEPTIC SYSTEM FILL IS REQUIRED.
14. SPECIAL FILL MATERIAL SHALL MEET THE FOLLOWING REQUIREMENTS:
    A. THE FILL MATERIAL SHALL NOT CONTAIN ANY MATERIAL LARGER THAN THE THREE (3) INCH SIEVE.
    B. UP TO 49% OF THE DRY WEIGHT OF THE REPRESENTATIVE SAMPLE MAY BE RETAINED ON THE #4 SIEVE (THIS IS THE GRAVEL PORTION OF THE SAMPLE).
    C. THE MATERIAL THAT PASSES THE #4 SIEVE IS THEN REWEIGHED AND THE SIEVE ANALYSIS STARTED.
    D. THE REMAINING SAMPLES SHALL MEET THE FOLLOWING GRADATION CRITERIA:

SIEVE SIZE	PERCENT PASSING WET SIEVE	DRY SIEVE
#4	100	100
#10	70-100	70-100
#40	10-50 *	10-75
#100	0-20	0-5
#200	0-5	0-2.5

* PERCENT PASSING THE #40 SIEVE MAY BE INCREASED TO NO GREATER THAN 75% IF THE PERCENT PASSING THE #100 SIEVE DOES NOT EXCEED 10% AND THE #200 SIEVE DOES NOT EXCEED 5%.

THE FILL SHALL BE PLACED IN 12" MAXIMUM LIFTS AFTER THE STRIPPED LEACHING SYSTEM AREA HAS BEEN SCARIFIED. TRUCKS OR OTHER CONSTRUCTION EQUIPMENT SHALL NOT BE DRIVEN OVER THE SCARIFIED AREA PRIOR TO FILL PLACEMENT. PRIOR TO FILL PLACEMENT ANY SMEARED FILL AREAS SHALL BE RE-SCARIFIED.

15. PRIOR TO PLACEMENT, FILL MATERIAL SHALL BE INSPECTED AND APPROVED BY THE HEALTH DISTRICT AND THE DESIGN ENGINEER
16. SEPTIC TANKS SHALL BE TWO COMPARTMENT TANKS WITH HEAVY DUTY STEEL HANDLES FOR MANHOLE ACCESS COVERS AND EFFLUENT FILTERS INSTALLED ON OUTLET BAFFLES
17. ALL PIPE DOWNSTREAM OF THE OF THE SEPTIC TANK (EXCEPT FOR LEACHING TRENCHES) SHALL BE 4" DIAMETER P.V.C. ASTM D3034 SDR 35 OR APPROVED EQUAL UNLESS NOTED OTHERWISE ON THE PLAN.
18. THE SITE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" 1-800-922-4455 PRIOR TO CONSTRUCTION TO VERIFY THE EXTENT AND LOCATION OF EXISTING UNDERGROUND UTILITIES.
19. THE LEACHING SYSTEM SHALL BE PROPERLY COVERED BY THE LICENSED SYSTEM INSTALLER WITHIN TWO (2) WORKING DAYS FOLLOWING THE LOCAL HEALTH DISTRICT'S FINAL INSPECTION AND APPROVAL.
20. IMMEDIATELY UPON COMPLETION OF THE SEPTIC SYSTEM INSTALLATION AND FINAL APPROVAL BY THE HEALTH DISTRICT, THE SEPTIC SYSTEM SHALL BE BACKFILLED, TOPSOILED, SEEDED AND MULCHED. THE FINAL GRADING SHALL CONFORM TO THE DESIGN PLAN AND SHALL ENSURE THAT SURFACE RUNOFF IS DIRECTED AWAY FROM THE THE LEACHING SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES SHALL NOT BE REMOVED UNTIL A PERMANENT VEGETATIVE COVER IS ESTABLISHED IN DISTURBED AREAS.
21. THE DESIGN ENGINEER SHALL BE CONTACTED PRIOR TO BACKFILLING THE SEPTIC SYSTEM TO ALLOW FOR TAKING THE NECESSARY FIELD MEASUREMENTS FOR THE PREPARATION OF AN "AS-BUILT" SEPTIC SYSTEM PLAN AS REQUIRED BY THE LOCAL HEALTH DISTRICT PRIOR TO THE ISSUANCE OF A PERMIT TO DISCHARGE OR A CERTIFICATE OF OCCUPANCY.
22. NO GRADING OR OTHER DISTURBANCE OF THE AREA OF THE PROPOSED SEPTIC SYSTEM WILL BE ALLOWED PRIOR TO THE INSTALLATION. NO PARKING, EQUIPMENT STORAGE OR TRAFFIC IN THE AREA OF THE SEPTIC SYSTEM WILL BE ALLOWED.
23. PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY, THE SEPTIC SYSTEM SHALL BE STAKED OUT BY THE PROJECT ENGINEER.
24. THE DISTRICT SANITARIAN AND THE ENGINEER SHALL BE CONTACTED AT LEAST 48 HOURS PRIOR TO THE BEGINNING OF CONSTRUCTION. NO PORTION OF THE SYSTEM SHALL BE COVERED WITHOUT INSPECTION AND APPROVAL OF THE SANITARIAN AND THE ENGINEER.
25. THE MINIMUM DISTANCE FROM UTILITY TRENCH (GAS/ELECTRIC/CABLE T.V./TELEPHONE) TO SEPTIC SYSTEM IS 5 FEET.
26. CONSTRUCT STORM WATER SWALES, AS REQUIRED, TO DIRECT SURFACE RUNOFF AWAY FROM THE SEPTIC SYSTEM.

OWNER:
IGLESIA NI CHRISTO
CHURCH OF CHRIST
4125 16TH NW
WASHINGTON, DC 20011

APPLICANT:
NICASIO ANGELES
(AGENT FOR OWNER)
IGLESIA NI CHRISTO
CHURCH OF CHRIST
4125 16TH NW
WASHINGTON, DC 20011

APPROVED BY THE EAST HADDAM PLANNING AND ZONING COMMISSION
DATE:_____ CHAIRMAN/SECRETARY:_____
EXPIRATION DATE:_____

NEMERGUT CONSULTING
235 ROUTE 80 - P.O. BOX 666
KILLINGWORTH, CONNECTICUT 06419
PHONE: 860.663.2384
NEMERGUTCONSULTING.COM

STATE OF CONNECTICUT — ROGER D. NEMERGUT — NO. 10008 — REGISTERED PROFESSIONAL ENGINEER

ROGER D. NEMERGUT
PROFESSIONAL ENGINEER
LIC. NO. 10008

JASON A. NEMERGUT
PROFESSIONAL ENGINEER
LIC. NO. 26088

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DETAILS & NOTES

IGLESIA NI CRISTO
50 JOHNSONVILLE ROAD
EAST HADDAM CONNECTICUT

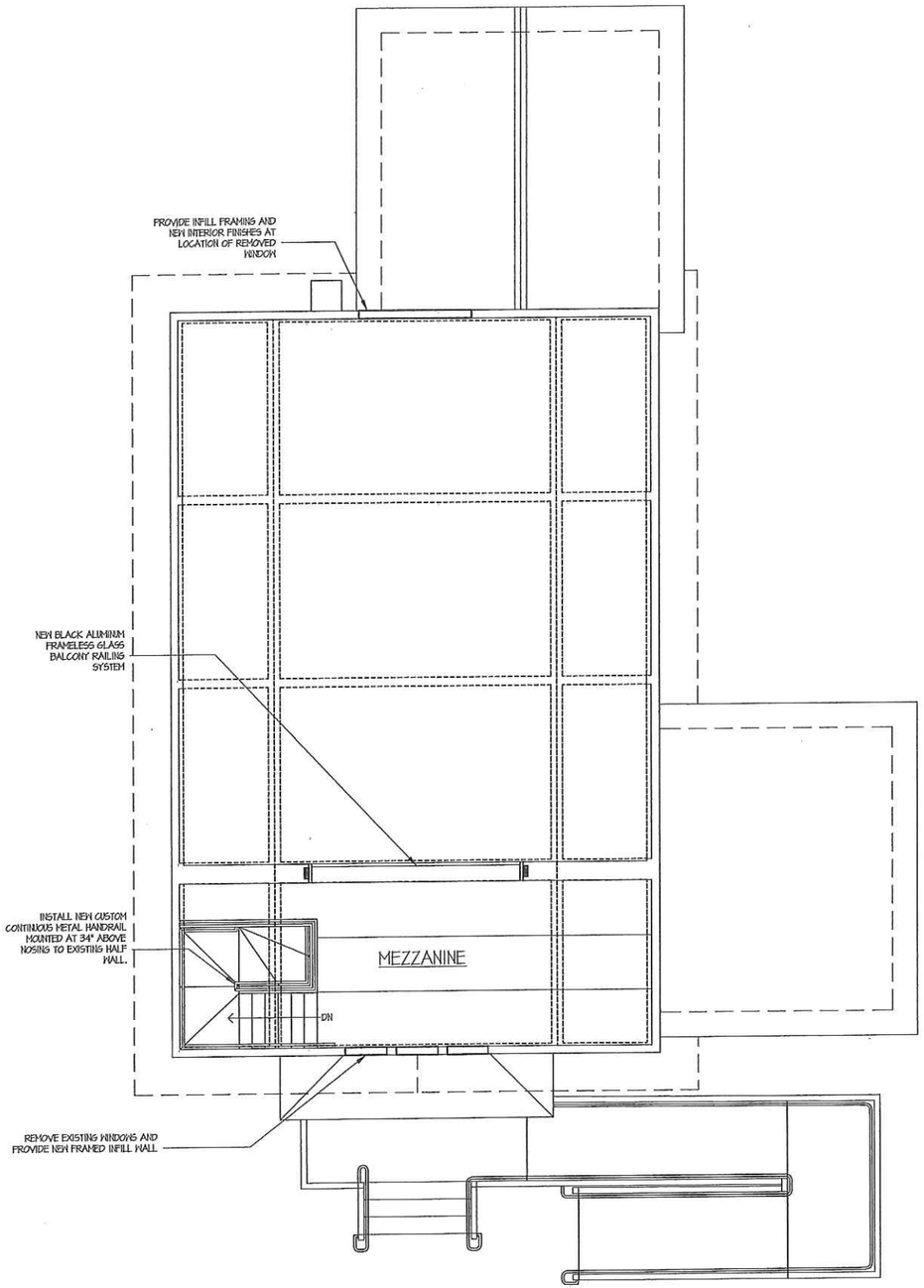
MAP: 55 LOT: 180

DATE: 1/25/21
DRAWN BY: J.A.N.
CHECKED BY: R.D.N.
SCALE: AS NOTED

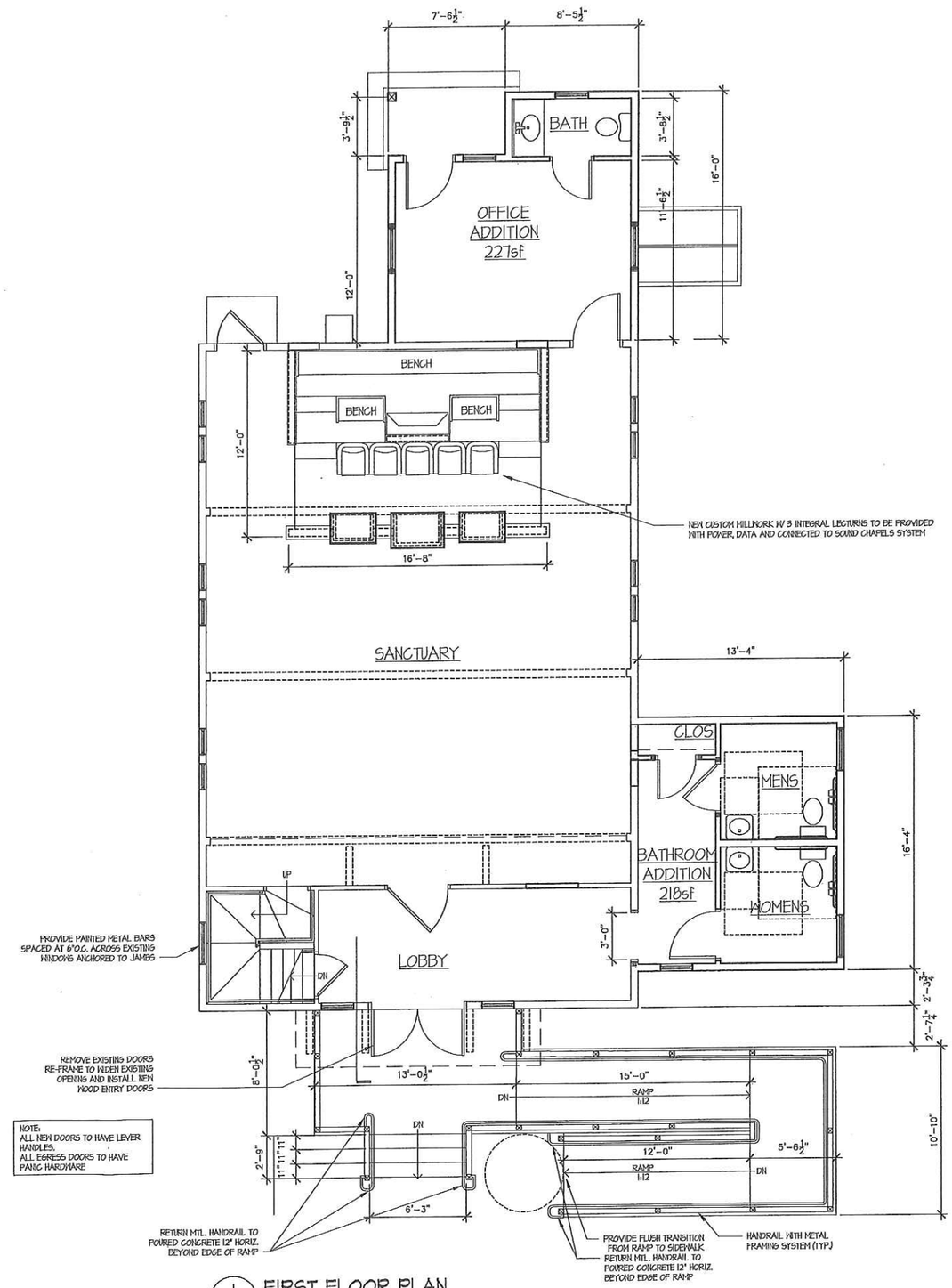
NO.	DATE	REVISIONS

SHEET

3 OF 3



2 A-1.1 MEZZANINE PLAN
SCALE: 1/4"=1'-0"



1 A-1.1 FIRST FLOOR PLAN
SCALE: 1/4"=1'-0"

Approved by the East Haddam Planning and Zoning Commission

Final Approval: Date:

Chairman Signature:

Date of Approval:

Expiration Date:

FELLNER ARCHITECTS
382 TOWN STREET
EAST HADDAM, CONNECTICUT 06423
TEL (860) 873-8230

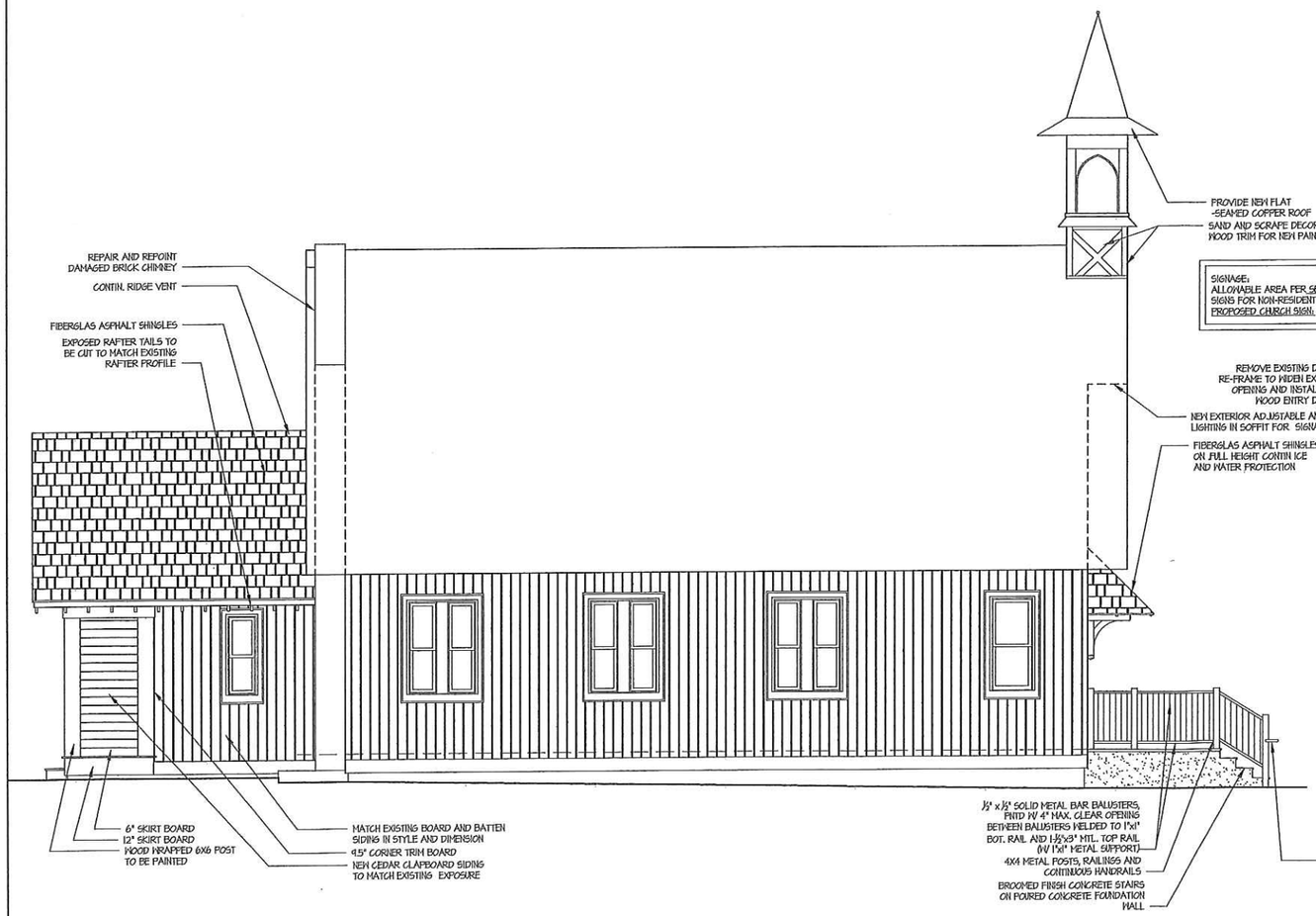
PROJECT NAME :
CHAPEL AT JOHNSONVILLE
JOHNSONVILLE ROAD, EAST HADDAM, CONNECTICUT 06423

SHEET NAME :
BULDING PLAN

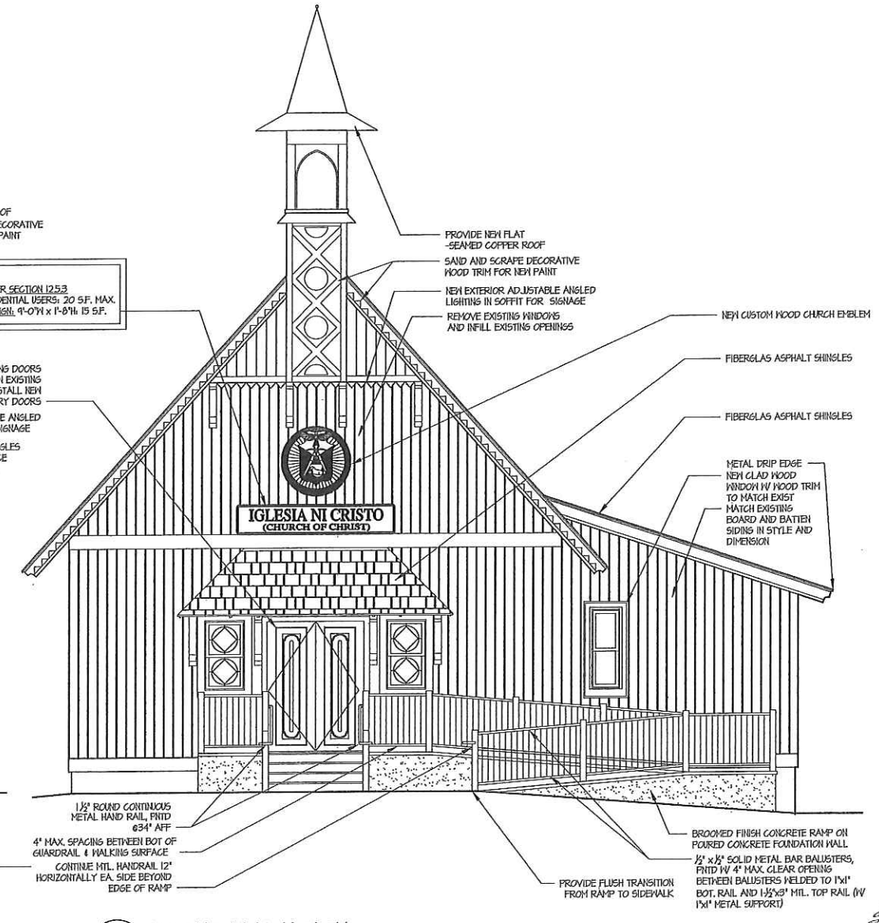
STATE OF CONNECTICUT
GEORGE FELLNER
LICENSED ARCHITECT
NO. 6439

JOB NO. :
DRAWN BY :
SCALE :
AS NOTED
DATE :
10/27/20

SHEET NO. :
A-1.1



2 SIDE ELEVATION
A-2.0 SCALE: 1/4"=1'-0"



1 FRONT ELEVATION
A-2.0 SCALE: 1/4"=1'-0"

Approved by the East Haddam Planning and Zoning Commission

Final Approval:

Chairman Signature: _____ Date: _____

Date of Approval: _____

Expiration Date: _____

FELLNER ARCHITECTS
382 TOWN STREET
EAST HADDAM, CONNECTICUT 06423
TEL (860) 873-8230

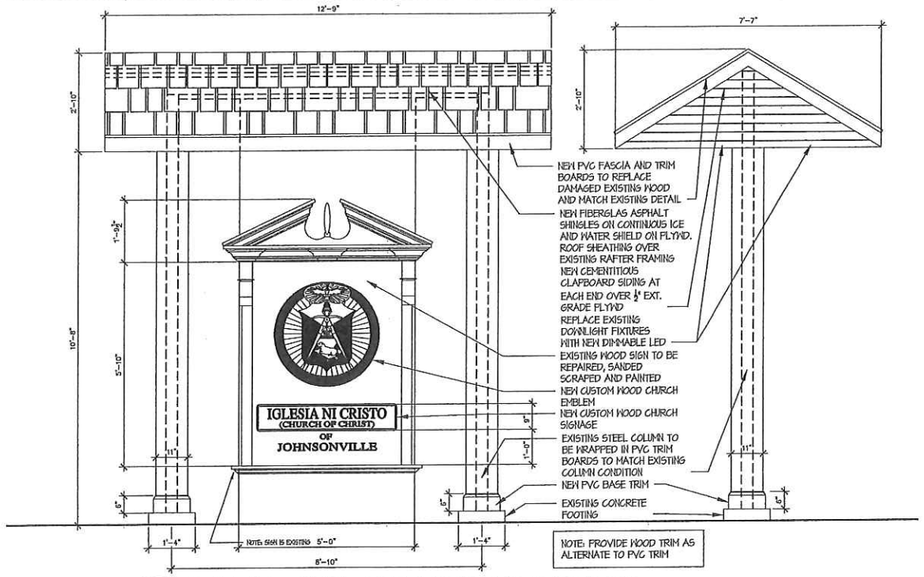
PROJECT NAME :
CHAPEL AT JOHNSONVILLE
JOHNSONVILLE ROAD, EAST HADDAM, CONNECTICUT 06423

SHEET NAME :
ELEVATIONS

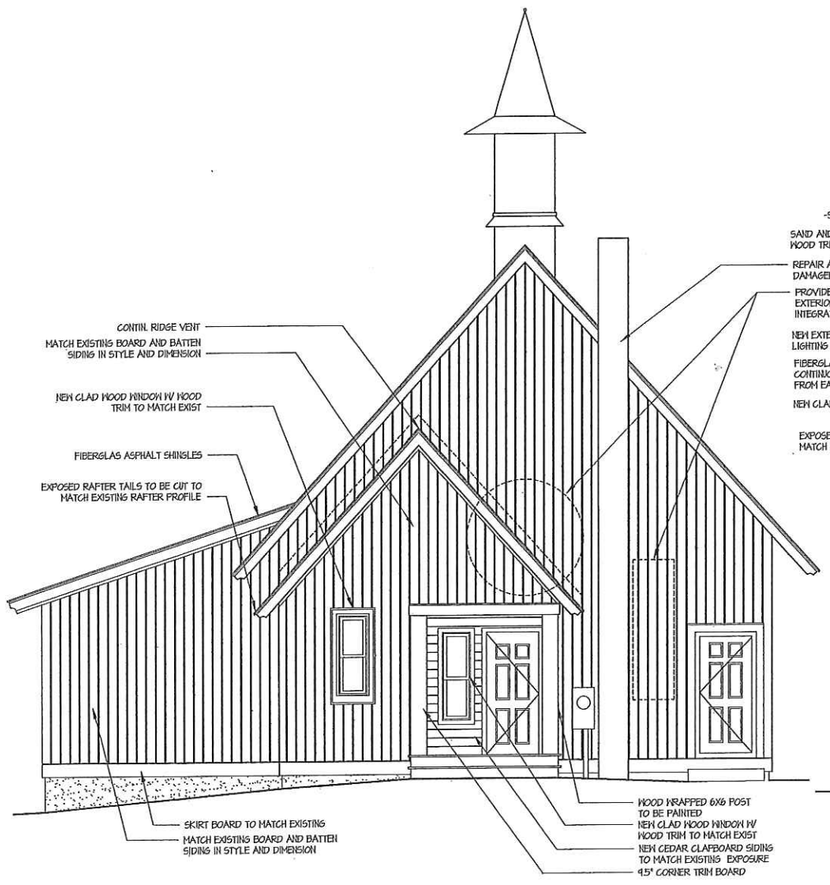
STATE OF CONNECTICUT
GEORGE FELLNER
No. 6439
REGISTERED ARCHITECT

JOB NO.: 1911
DRAWN BY: MCB
SCALE : AS NOTED
DATE : 10/21/20

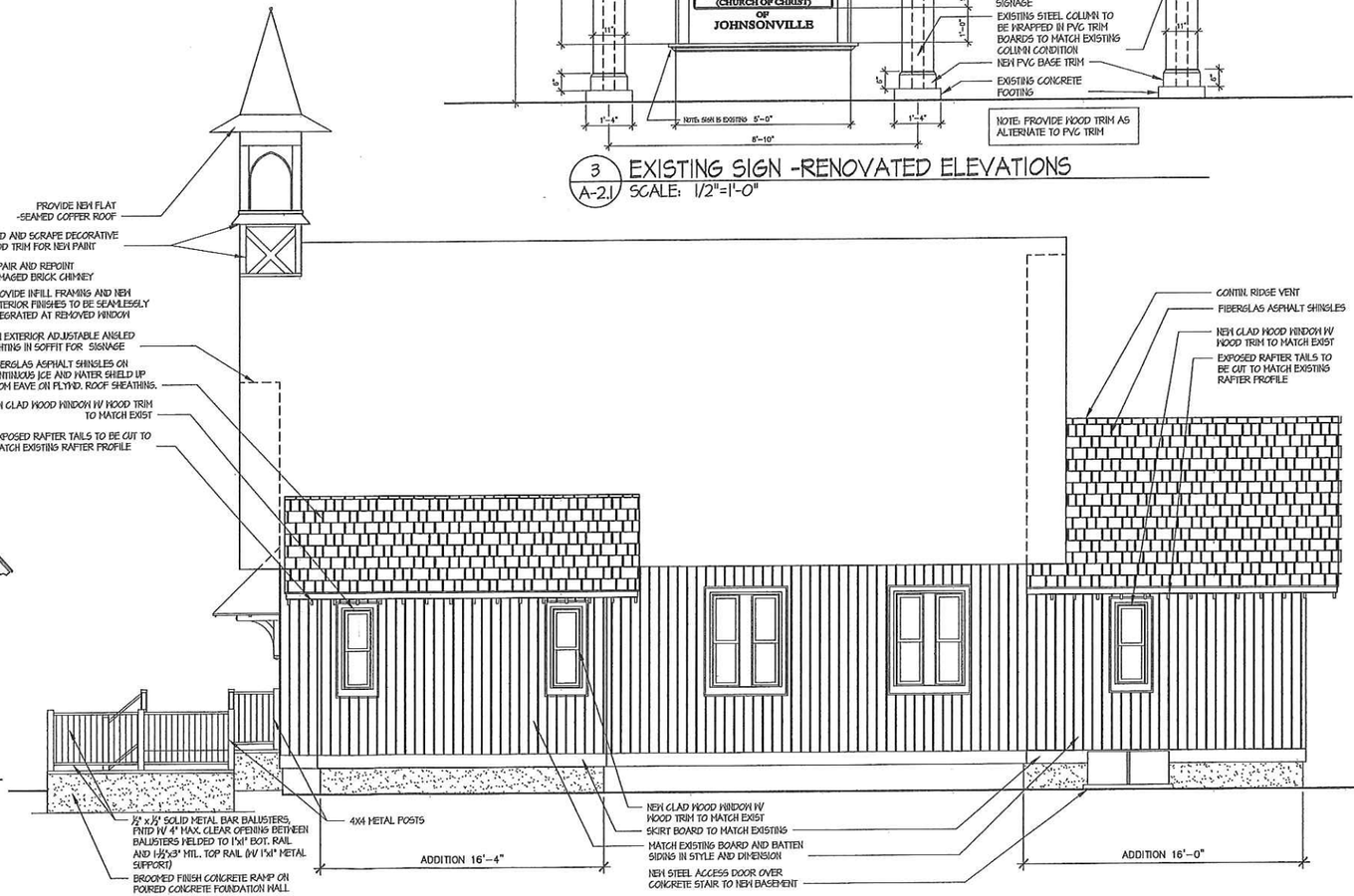
SHEET NO. :
A-2.0



3 A-2.1 EXISTING SIGN -RENOVATED ELEVATIONS
SCALE: 1/2"=1'-0"



2 A-2.1 REAR ELEVATION
SCALE: 1/4"=1'-0"



1 A-2.1 SIDE ELEVATION
SCALE: 1/4"=1'-0"

Approved by the East Haddam Planning and Zoning Commission
Final Approval
Chairman Signature
Date
Date of Approval:
Expiration Date:

FELLNER ARCHITECTS
382 TOWN STREET
EAST HADDAM, CONNECTICUT 06423
TEL (860) 873-8230

PROJECT NAME :
CHAPEL AT JOHNSONVILLE
JOHNSONVILLE ROAD, EAST HADDAM, CONNECTICUT 06423

SHEET NAME :
ELEVATIONS

STATE OF CONNECTICUT
GEORGE FELLNER
NO. 6439
LICENSED ARCHITECT

JOB NO. : 1941
DRAWN BY : MD
SCALE : 1/4"=1'-0"
DATE : 10/27/20

SHEET NO. :
A-2.1


IGLESIA NI CRISTO
CHURCH OF CHRIST