

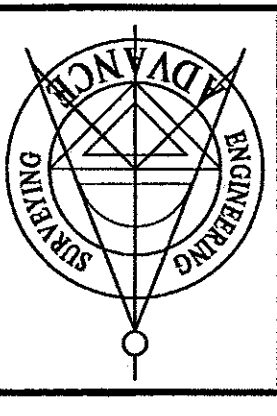
NO.	REVISION	BY	DATE
1	ISSUED FOR REVIEW	F.S.C.	11.20.19
2	REVISED PER THE COMMENTS	F.S.C.	04.30.21
3	REVISED PER THE COMMENTS DATED 11.05.20	F.S.C.	04.30.21
4	REVISED PER THE COMMENTS DATED 08.17.21	F.S.C.	07.08.21
5	REVISED PER THE COMMENTS DATED 08.17.21	F.S.C.	08.17.21

Design of
ADVANCE ENGINEERING & SURVEYING, PLLC
 CONSULTING IN -
 CIVIL & ENVIRONMENTAL ENGINEERING
 LAND SURVEYING & DEVELOPMENT
 COMMERCIAL AND RESIDENTIAL

11 HERBERT DRIVE, LATHAM, N.Y. 12110
 PHONE: (518) 698-3772
 E-MAIL: nces@advanceeng.com
 NICHOLAS COSTA, P.E.

DATE: NOVEMBER 20, 2019
 SCALE: 1" = 30'

COUNTY OF ALBANY
 VILLAGE OF COLONIE
 STREET NO. 29 VLY ROAD
PROPOSED SUBDIVISION
EROSION CONTROL PLAN - 1

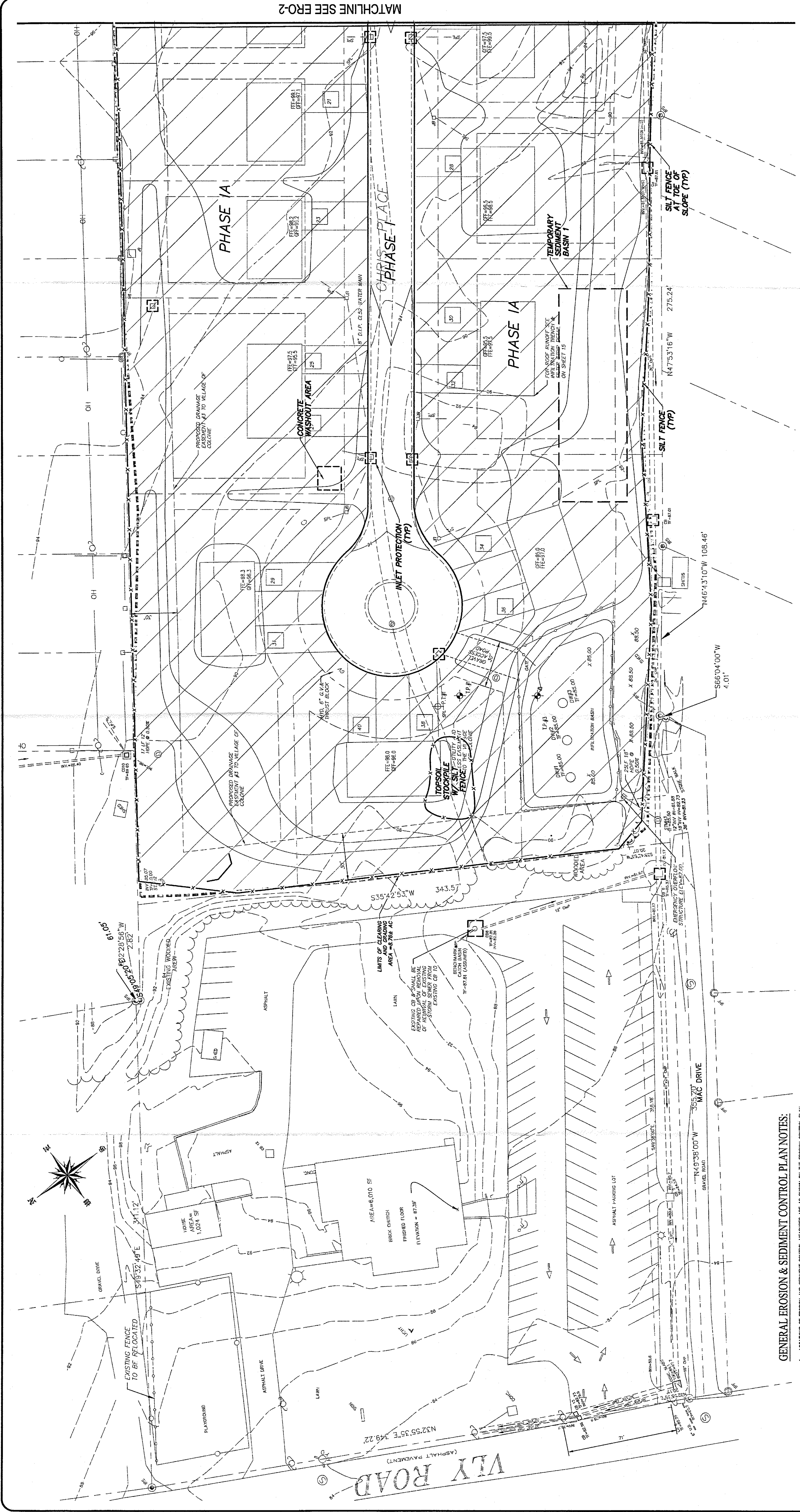


OWNER
COLONIE CHRISTIAN LIFE CENTER, INC.
 P.O. BOX 12273
 ALBANY NY 12212
 APPLICANT
ROSETTI ACQUISITIONS
 427 NEW KARNER RD
 ALBANY, NY 12205

ALBANY COUNTY HEALTH DEPARTMENT

VILLAGE OF COLONIE PLANNING COMMISSION

SHEET NO.
ERO-1
 12 OF 16 19187-5127



GENERAL EROSION & SEDIMENT CONTROL PLAN NOTES:

1. LOCATIONS OF EROSION AND SEDIMENT CONTROL MEASURES ARE AS SHOWN ON THE EROSION CONTROL PLAN.
2. ALL PROPOSED EROSION CONTROLS SHALL BE INSTALLED PRIOR TO BEGINNING OF CONSTRUCTION. FINAL LOCATION & CONSTRUCTION SHALL BE REVIEWED BY THE ENGINEER.
3. STAKEOUT OF ALL PROPOSED EROSION CONTROLS SHALL BE DONE BY A NEW YORK STATE LICENSED PROFESSIONAL SURVEYOR.
4. REMOVE EROSION CONTROLS ONLY UNDER THE AUTHORIZATION OF THE ENGINEER.
5. CONTRACTOR MUST PROTECT ALL SURFACE WATERS FROM SILTATION DURING CONSTRUCTION WITH APPROPRIATE MEASURES INCLUDING, BUT NOT LIMITED TO PLACING STRAW BALES AND SILTATION FENCING AROUND WORK.
6. EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIRED. ADDITIONAL MEASURES MAY BE REQUIRED DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER.
7. EROSION AND SEDIMENT CONTROL METHODS SHALL COMPLY WITH THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL, LATEST EDITION.
8. EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSPECTED PERIODICALLY AND AFTER EACH RAINFALL EVENT. THE CONTRACTOR SHALL REPAIR THE EROSION AND SEDIMENT CONTROL DEVICES AS NECESSARY AND AS DIRECTED BY THE ENGINEER.
9. EROSION AND SEDIMENT CONTROL DEVICES SHALL BE MAINTAINED AS OPERATIONAL THROUGHOUT CONSTRUCTION. CONSTRUCTION OF PAVEMENT OR IF WORK IN THESE AREAS IS TO BE SUSPENDED FOR 14 DAYS. PROVISIONS SHALL BE MADE IN ORDER TO MAINTAIN THE ASSESSMENT AND PREVENTING WATER DAMAGE TO EXISTING AND PROPOSED UTILITIES AND STRUCTURES.
10. UPON COMPLETION OF GRADING OPERATIONS THE DISTURBED AREAS SHALL BE STABILIZED BY THE FOLLOWING METHODS, DEPENDING UPON THE CLASSIFICATION OF THE AREA AS EITHER TO RECEIVE PERMANENT OR TEMPORARY SEEDING:
 - SEED BED PREPARATION - IF AREAS ARE SEEDING AS REQUIRED TO A UNIFORM MINIMUM DEPTH OF FOUR (4) INCHES. TOPSOIL SHALL BE FRINGE AND LOAMY, FREE OF DEBRIS, OBJECTS, WEEDS, AND ANTIMETALS. SEED BED SHALL BE PREPARED BY SCRAPING COMPACTED AREAS AND REMOVING DEBRIS, ROCKS AND STUMPS. SEEDBED SHALL RECEIVE THE FOLLOWING SOIL AMENDMENTS:
 - A) LIME TO A PH OF 6.0
 - B) FERTILIZER WITH 800 LBS OF 5-10-10 OR EQUIVALENT PER ACRE (14 LBS/1000 SQ FT)
 - C) SOIL AMENDMENTS SHALL BE WORKED INTO THE SEED BED WITH A DISC, SPRING TOOTH HARROW, OR OTHER SUITABLE EQUIPMENT.
 - TEMPORARY SEEDING - ANNUAL RYEGRASS SEED SHALL BE APPLIED AT A RATE OF 0.9 LBS PER 1000 SQUARE FEET. USE WINTER RYE IF SEEDING DURING OCTOBER/NOVEMBER.
 - PERMANENT SEEDING - SEEDING SHALL CONSIST OF 1 LB PER 1000 SQUARE FEET OF SEED CONTAINING AT LEAST 50% FAST SPROUTING PERENNIAL RYE GRASS AND 10% PINK CLOVER OR ALFAFA. THE SEED MIX SHALL BE SPREAD BY UTILIZING A CYCLONE SEEDER, DRILL, OR CULT-PACK SEEDER. SEED DEPTH SHALL BE FROM 1/4 TO 1/2 INCH DEEP. SEED MAY ALSO BE APPLIED BY APPROPRIATE HYDRO-SEEDING METHODS. ALL SEEDING AREAS SHALL BE MULCHED WITH STRAW MULCH APPLIED AT RATE OF 2 TON/ACRE (50 LBS PER 1000 SQUARE FEET) AND ANCHORED WITH "TERRA-HOOP" OR EQUIV.
 - IF STABILIZATION BY SEEDING CANNOT OCCUR DURING THE RECOMMENDED SEEDING PERIODS, TOPSOIL, FILL AND EXCAVATED MATERIALS SHALL BE TEMPORARILY STABILIZED WITH ANCHORED MULCH UNTIL SUCH TIME AS EROSION CONTROL CAN OCCUR.
 - 11. STOCKPILE MATERIALS SHALL NOT BE LOCATED WITHIN 25 FEET OF ANY DITCH, STREAM, OR OTHER SURFACE WATER BODY.
 - 12. IF CONSTRUCTION IS SUSPENDED OR STOPPED COMPLETED, AREAS SHALL BE SEEDING AND/OR MULCHED IMMEDIATELY.
 - 13. GRADING DISTURBANCE IS LIMITED TO A MAXIMUM OF 6 LINES. IF EXCESSIVE DISTURBANCE IS REQUIRED, THE CONTRACTOR SHALL SUBMIT A GRADING DISTURBANCE PLAN TO THE ENGINEER FOR REVIEW AT A MINIMUM, DAILY INSPECTIONS BY THE ENGINEER SHALL BE REQUIRED IF THE 6 LINE MINIMUM IS EXCEEDED.
 - 14. SEDIMENT SHALL BE REMOVED FROM TRAPS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE HALF THE BASIN DEPTH.

MATCHLINE SEE ERO-2

1415135rhdh (Rev. 05/05/2019) 20191120 29 Vly Road, Latham, NY 12110 (518) 698-3772 nces@advanceeng.com NICHOLAS COSTA, P.E.