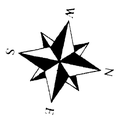
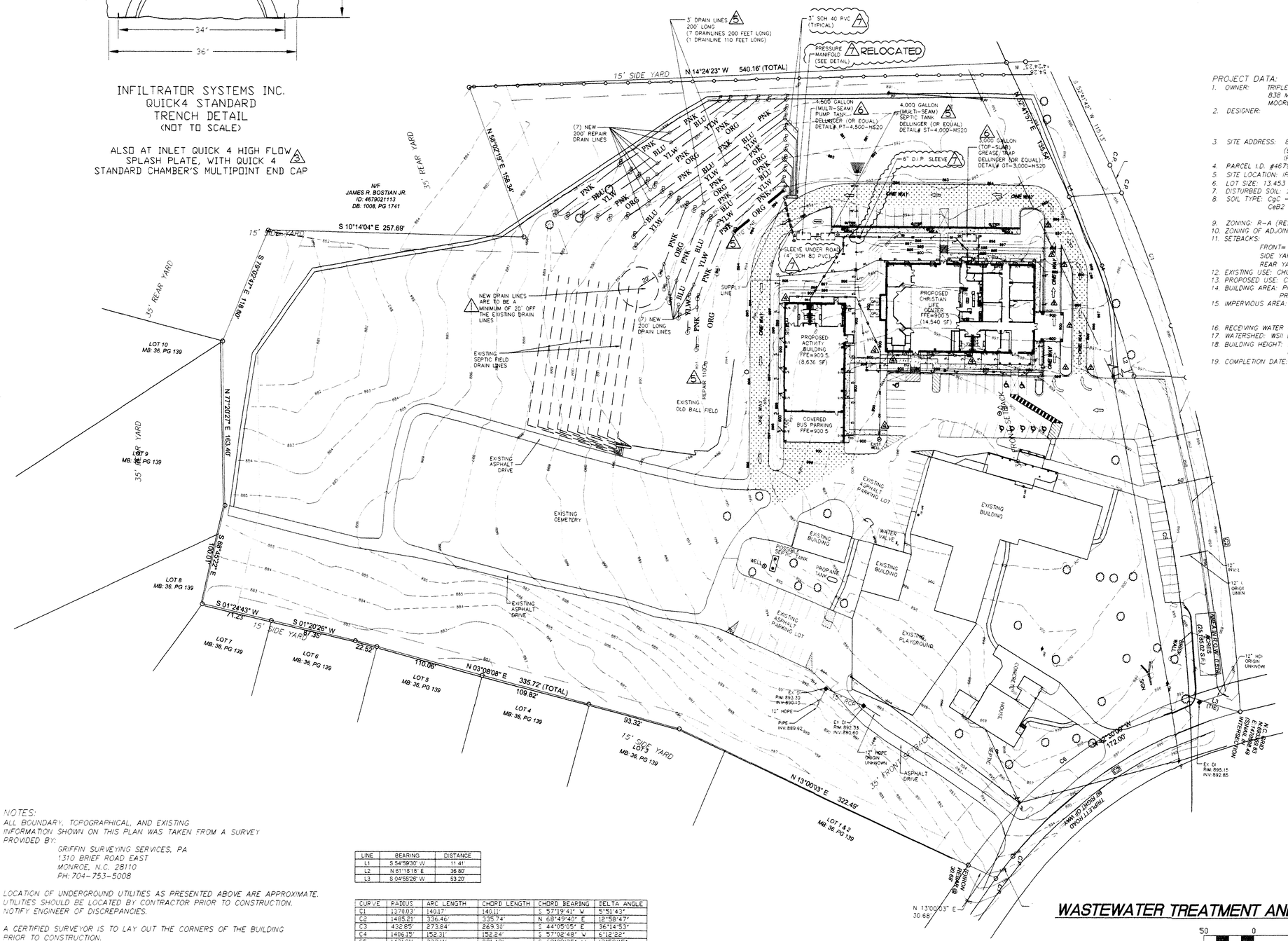
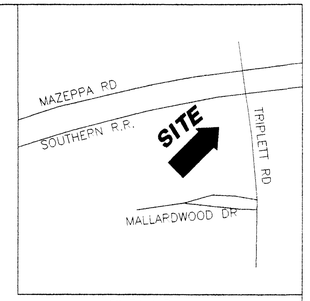


INFILTRATOR SYSTEMS INC.
QUICK4 STANDARD
TRENCH DETAIL
(NOT TO SCALE)

ALSO AT INLET QUICK 4 HIGH FLOW SPLASH PLATE, WITH QUICK 4 STANDARD CHAMBER'S MULTIPOINT END CAP







VICINITY MAP
(NTS)

PROJECT DATA:
1. OWNER: TRIPLETT UNITED METHODIST CHURCH
838 MAZEPPA ROAD
MOORESVILLE, NC 28115
2. DESIGNER: CHRIS L. HOPE, P.E.
2617 ROLLING HILLS DRIVE
MONROE, NORTH CAROLINA 28110
704-882-1500
3. SITE ADDRESS: 838 MAZEPPA ROAD
(BARRINGER TOWNSHIP)
IREDELL COUNTY, NC
4. PARCEL I.D. #4679024884, #4679032044, AND #4679021831
5. SITE LOCATION: IREDELL COUNTY (BARRINGER TOWNSHIP)
6. LOT SIZE: 13.453 ACRES TOTAL (12.488 ACRES OUTSIDE RIGHT OF WAY)
7. DISTURBED SOIL: 2.063 ACRES
8. SOIL TYPE: CgC - CECIL-URBAN LAND COMPLEX, 1 TO 10 PERCENT SLOPES
CeB2 - CECIL SANDY CLAY LOAM, 2 TO 6 PERCENT SLOPES
9. ZONING: R-A (RESIDENTIAL-AGRICULTURAL DISTRICT)
10. ZONING OF ADJOINING PARCELS: R-A
11. SETBACKS:
FRONT= 35'
SIDE YARD = 15'
REAR YARD = 35'
12. EXISTING USE: CHURCH
13. PROPOSED USE: CHURCH
14. BUILDING AREA: PROPOSED CHRISTIAN LIFE CENTER = 14,540 SF UNDER ROOF
PROPOSED ACTIVITY BUILDING = 8,636 SF UNDER ROOF
15. IMPERVIOUS AREA: 85,636 SF EXISTING
48,610 SF PROPOSED NEW IMPERVIOUS
(SEE IMPERVIOUS CALCULATIONS ON SHEET SP-2 AND G-1)
16. RECEIVING WATER COURSE: UNNAMED TRIBUTARY TO BACK CREEK
17. WATERSHED: WSII BALANCE OF WATERSHED BACK CREEK
18. BUILDING HEIGHT: ACTIVITY BUILDING - 28'-0"
CHRISTIAN LIFE CENTER - 30'-0"
19. COMPLETION DATE: May 1, 2015 (10 MONTHS TO COMPLETE PROJECT)

NOTES:
ALL BOUNDARY, TOPOGRAPHICAL, AND EXISTING INFORMATION SHOWN ON THIS PLAN WAS TAKEN FROM A SURVEY PROVIDED BY:
GRIFFIN SURVEYING SERVICES, PA
1310 BRIEF ROAD EAST
MONROE, N.C. 28110
PH: 704-753-5008

LOCATION OF UNDERGROUND UTILITIES AS PRESENTED ABOVE ARE APPROXIMATE. UTILITIES SHOULD BE LOCATED BY CONTRACTOR PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF DISCREPANCIES.

A CERTIFIED SURVEYOR IS TO LAY OUT THE CORNERS OF THE BUILDING PRIOR TO CONSTRUCTION.

BEFORE YOU DIG STOP. CALL THE NC ONE-CALL CENTER AT 811, ITS THE LAW.

LINE	BEARING	DISTANCE
L1	S 54°59'30" W	11.41'
L2	N 81°18'18" E	38.80'
L3	S 04°55'26" W	53.20'

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING	DELTA ANGLE
C1	1270.03'	140.17'	140.11'	S. 57°19'41" W.	5°51'43"
C2	1485.21'	336.46'	335.74'	N. 68°49'40" E.	12°58'47"
C3	432.85'	273.84'	269.30'	S. 44°05'05" E.	36°14'53"
C4	1406.15'	152.31'	152.24'	S. 57°02'48" W.	6°12'22"
C5	1421.01'	322.11'	321.42'	S. 68°08'25" W.	12°59'15"
C6	462.70'	282.57'	278.20'	N. 48°56'27" W.	34°59'26"

WASTEWATER TREATMENT AND DISPOSAL SYSTEM DESIGN

50 0 50 100 150
Scale 1" = 50'

PROPOSED ACTIVITY BUILDING AND FELLOWSHIP HALL FOR:

Triplett United Methodist Church

838 MAZEPPA ROAD
BARRINGER TOWNSHIP, IREDELL COUNTY, NORTH CAROLINA 28115

CHRIS HOPE/PROFESSIONAL ENGINEER/2617 ROLLING HILLS DRIVE/MONROE, NC 28110/(704) 882-1500

NORTH CAROLINA REGISTERED SEAL 5024 PROFESSIONAL ENGINEER
9.15.15

Rev.	
5	10/17/2014
4	12/3/2014
3	6/1/2015
6	7/9/2015
7	9/15/2015

Scale	AS NOTED
Drawn By:	CLH
Checked By	CLH
Date	9/9/2014
Job No	12714

U-1
OF 3