

13925 THOMPSON RD

19501728

12/31/2007

duponbj

Groundwater and Wastewater Services File Imaging Project
May 2007
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LEGEND

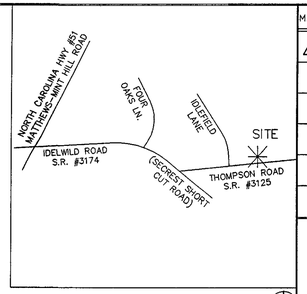
		DETAIL
W	EXISTING WATER LINE	–
C	EXISTING COMMUNICATION LINE	–
	PROPOSED WATER LINE	–
	PROPOSED SEWER LATERAL	–
	PROPOSED SAN. SWR. C.O.	
G	PROPOSED GAS LINE BY OTHERS SEE PLUMBING PLAN FOR SIZING	

WATER DISTRIBUTION NOTES

1. WATER SOURCE SHALL BE BY A NEW WATER SYSTEM TO BE RELOCATED INSIDE THE MAIN MAINTAINENCE SHED.
2. THE CONTRACTOR SHALL LOCATE TIE-IN TO BUILDING BASED ON PLUMBING PLANS.
3. THE DESIGN OF THE WELL SYSTEM SHALL BE PROVIDED BY OTHERS AND IS SHOWN FOR COORDINATION ONLY.
4. THE SIZE OF THE WATER LINE SHALL BE BY PLUMBING ENGINEER.

SANITARY SEWER NOTES:

1. CONTRACTOR SHALL PROVIDE A 4" SANITARY SEWER LINE CONNECTION FROM THE BUILDING TO THE UNDERGROUND TANK AND SEPTIC FIELD. INSTALLATION SHALL BE IN ACCORDANCE WITH ALL STATE AND LOCAL STANDARDS. THE DESIGN OF SEPTIC FIELD AND TANK SHALL BE BY OTHERS AND IS SHOWN FOR COORDINATION ONLY.
2. THE SIZE OF THE SANITARY SEWER LINE SHALL BE BY PLUMBING ENGINEER.
3. CONTRACTOR SHALL LOCATE LATERAL CONNECTIONS TO BUILDING PER PLUMBING PLANS.
4. CONTRACTOR SHALL LOCATE CLEAN OUTS EVERY 50' OR AS REQUIRED BY STATE AND LOCAL CODES.
5. CONTRACTOR SHALL VERIFY 100' MIN. SEPARATION FROM THE WELL TO THE SEPTIC FIELDS.
6. A PRE-CONSTRUCTION CONFERENCE IS REQUIRED WITH ENVIRONMENTAL HEALTH PRIOR TO CONSTRUCTION.
7. THE WASTE WATER TREATMENT SYSTEM WILL REQUIRE A SINGLE PHASE, SIMPLEX TIME DOSING PUMP CONTROL PANEL WITH ALARM. THE CONTROL PANEL MUST HAVE A NEMA 4X WEATHER PROOF RATING.
8. SEPTIC AND PUMP TANKS MUST BE INSTALLED IN AREAS THAT ARE NOT SUBJECT TO VEHICULAR TRAFFIC. NO SEPTIC FIELDS SHALL BE LOCATED INSIDE THE UTILITY EASEMENTS.
9. NO CONSTRUCTION STAGING, IRRIGATION,PARKING OR DRIVING IS PERMITTED IN THE SEPTIC DRAIN FIELD.
10. DRAIN LINES MUST BE INSTALLED ON CONTOUR.



VICINITY MAP

N.T.S.

TOPOGRAPHIC AND BOUNDARY SURVEY FROM: SAM MALONE & ASSOCIATES, RUSSELL L WHITEHURST N.C.R.L.S. L-3661, 116B WEST JOHN ST., P.O. BOX 1139, MATTEWS, NC 28106, PHONE: (704)847-9026, DATED 06/05/98

TYPE IIIB REPAIR AREA

20' SIDE YARD

50' REAR YARD

30' UTILITY EASEMENT

STAKING FOR SEPTIC LOCATION SHALL BE WOODEN STAKES WITH PINK MARKER FLAGS. (TYP.)

DRAIN LINES L=125 (TYP.)

100' UTILITY EASEMENT

4" SANITARY SEWER

4"X5' WELL

TYPE IIIB REPAIR AREA

SCHEDULE 40 PVC PRESSURE MANIFOLD

2000 GALLON PUMP TANK (INSTALL LESS THAN 3' DEEP) CONTROL PANEL WITH PROGRAMMABLE TIMER AND ALARM REQUIRED AT THE PUMP TANK

2000 GALLON SEPTIC TANK (INSTALLED LESS THAN 3' DEEP)

PROPOSED BUILDING FFE = 104.0

GAS METER ON CONCRETE PAD

2" WATER LINE

PROPOSED WELL LOCATION TO BE ADDED INTO THE MAINTAINENCE SHED. (SHED SHALL BE INCREASED IN SIZE TO ACCOMADATE THE TANK)

PRIOR TO CONSTRUCTION CONTRACTOR SHALL COORDINATE RELOCATION OF POWER POLE WITH OWNERS REPRESENTATIVE AND UNION ELECTRIC

30' SETBACK

PROPOSED PROPERTY LINE

EDGE OF PAVEMENT

EDGE OF PAVEMENT

Thompson Road S.R. # 3125

CALL ULOCO BEFORE YOU DIG STOP 1-800-632-4949 AVOID UTILITY DAMAGE

1. CONTRACTOR IS FULLY RESPONSIBLE FOR CONTACTING APPROPRIATE PARTIES AND ASSURING THAT EXISTING UTILITIES ARE LOCATED PRIOR TO BEGINNING CONSTRUCTION.
2. CONTRACTOR IS RESPONSIBLE FOR PLACING BARRICADES USING FLAG MEN, ETC. AS NECESSARY TO INSURE SAFETY TO THE PUBLIC.
3. ALL PAVEMENT CUTS, CONCRETE OR ASPHALT, ARE TO BE REPLACED ACCORDING TO STANDARDS OF THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION.
4. SHORING WILL BE ACCORDING TO OSHA TRENCHING STANDARDS PART 1926 SUBPART P, OR AS AMENDED.

SCALE: 1" = 30'
0 15 30 60

MARK	DATE	REVISION
1	2/4/00	PER TOWN OF MINT HILL

bba
Bryant Baker Architect
9400 Robinson Church Rd.
Charlotte, NC 28215
Phone (704) 532-8228
Fax (704) 532-9928

ColeJenest & Stone
Land Planning
Landscape Architecture
Civil Engineering
Urban Design
112 South Tryon Street
Suite 300
Charlotte
North Carolina
28284
Tele 704.376.1555
Fax 704.376.7851

K.M. ARMSTRONG ASSOCIATES, INC.
723 SOUTH SHARON AMITY ROAD
CHARLOTTE, N.C. 28211-2835
704-366-1776

COMM.NO. 13712-00 DATE 2-4-99
DESIGN BLS DRAWN BLS
CHECKED JMH

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STAMP

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT C-103 COLE JENEST & STONE

NORTH CAROLINA PROFESSIONAL SEAL 8461 ENGINEER TIMOTHY D. STONE

11/02/99

PROJECT FOR
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

PROJECT NAME
MATTHEWS WARD
CHARLOTTE NC STAKE

PROJECT ADDRESS
13925 THOMPSON ROAD
MINT HILL NC

SHEET TITLE
WATER AND SANITARY SEWER PLAN

1549

PROJECT DESIGNATION
528-0729-76

PROPERTY NUMBER

SHEET NO.
SD-4

DEVELOPMENT NUMBER
HA98-280C

DATE
11/02/99

SHEET 4 OF 9

040998 February 1998 ORIGINAL

LEGEND

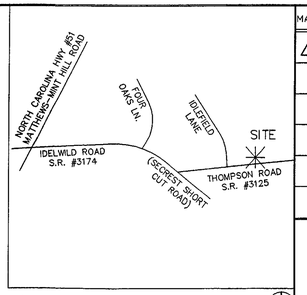
		DETAIL
—W—	EXISTING WATER LINE	–
—C—	EXISTING COMMUNICATION LINE	–
	PROPOSED WATER LINE	–
	PROPOSED SEWER LATERAL	–
	PROPOSED SAN. SWR. C.O.	–
—G—	PROPOSED GAS LINE BY OTHERS SEE PLUMBING PLAN FOR SIZING	–

WATER DISTRIBUTION NOTES

1. WATER SOURCE SHALL BE BY A NEW WATER SYSTEM TO BE RELOCATED INSIDE THE MAIN MAINTAINENCE SHED.
2. THE CONTRACTOR SHALL LOCATE TIE–IN TO BUILDING BASED ON PLUMBING PLANS.
3. THE DESIGN OF THE WELL SYSTEM SHALL BE PROVIDED BY OTHERS AND IS SHOWN FOR COORDINATION ONLY.
4. THE SIZE OF THE WATER LINE SHALL BE BY PLUMBING ENGINEER.

SANITARY SEWER NOTES:

1. CONTRACTOR SHALL PROVIDE A 4" SANITARY SEWER LINE CONNECTION FROM THE BUILDING TO THE UNDERGROUND TANK AND SEPTIC FIELD. INSTALLATION SHALL BE IN ACCORDANCE WITH ALL STATE AND LOCAL STANDARDS. THE DESIGN OF SEPTIC FIELD AND TANK SHALL BE BY OTHERS AND IS SHOWN FOR COORDINATION ONLY.
2. THE SIZE OF THE SANITARY SEWER LINE SHALL BE BY PLUMBING ENGINEER.
3. CONTRACTOR SHALL LOCATE LATERAL CONNECTIONS TO BUILDING PER PLUMBING PLANS.
4. CONTRACTOR SHALL LOCATE CLEAN OUTS EVERY 50' OR AS REQUIRED BY STATE AND LOCAL CODES.
5. CONTRACTOR SHALL VERIFY 100' MIN. SEPARATION FROM THE WELL TO THE SEPTIC FIELDS.
6. A PRE–CONSTRUCTION CONFERENCE IS REQUIRED WITH ENVIRONMENTAL HEALTH PRIOR TO CONSTRUCTION.
7. THE WASTE WATER TREATMENT SYSTEM WILL REQUIRE A SINGLE PHASE, SIMPLEX TIME DOSING PUMP CONTROL PANEL WITH ALARM. THE CONTROL PANEL MUST HAVE A NEMA 4X WEATHER PROOF RATING.
8. SEPTIC AND PUMP TANKS MUST BE INSTALLED IN AREAS THAT ARE NOT SUBJECT TO VEHICULAR TRAFFIC. NO SEPTIC FIELDS SHALL BE LOCATED INSIDE THE UTILITY EASEMENTS.
9. NO CONSTRUCTION STAGING, IRRIGATION,PARKING OR DRIVING IS PERMITTED IN THE SEPTIC DRAIN FIELD.
10. DRAIN LINES MUST BE INSTALLED ON CONTOUR.



VICINITY MAP

N.T.S.

TOPOGRAPHIC AND BOUNDARY SURVEY FROM: SAM MALONE & ASSOCIATES, RUSSELL L. WHITEHURST N.C.R.L.S. L–3661, 116B WEST JOHN ST., P.O. BOX 1139, MATTEWS, NC 28106, PHONE: (704)847–9026, DATED 06/05/98

TYPE IIB REPAIR AREA

20' SIDE YARD

50' REAR YARD

30' UTILITY EASEMENT

STAKING FOR SEPTIC LOCATION SHALL BE WOODEN STAKES WITH PINK MARKER FLAGS. (TYP.)

6" MIN. 75'

DRAIN LINES L=125' (TYP.)

TYPE IIB REPAIR AREA

SCHEDULE 40 PVC PRESSURE MANIFOLD

2000 GALLON PUMP TANK (INSTALL LESS THAN 3' DEEP) CONTROL PANEL WITH PROGRAMMABLE TIMER AND ALARM REQUIRED AT THE PUMP TANK

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PROPOSED WELL LOCATION TO BE ADDED INTO THE MAINTAINENCE SHED. (SHED SHALL BE INCREASED IN SIZE TO ACCOMADATE THE TANK)

PRIOR TO CONSTRUCTION CONTRACTOR SHALL COORDINATE RELOCATION OF POWER POLE WITH OWNERS REPRESENTATIVE AND UNION ELECTRIC

30' UTILITY EASEMENT

20' SIDE YARD

2" WATER LINE

4" SANITARY SEWER

4" DIP

4" PVC

4"X5' WELL

GAS MTR ON CONCRETE PAD

PROPOSED BUILDING FFE = 104.0

50' SETBACK

PROPOSED PROPERTY LINE

EDGE OF PAVEMENT

EDGE OF PAVEMENT

Thompson Road S.R. # 3125

CALL ULOCO BEFORE YOU DIG STOP 1–800–632–4949 AVOID UTILITY DAMAGE

1. CONTRACTOR IS FULLY RESPONSIBLE FOR CONTACTING APPROPRIATE PARTIES AND ASSURING THAT EXISTING UTILITIES ARE LOCATED PRIOR TO BEGINNING CONSTRUCTION.
2. CONTRACTOR IS RESPONSIBLE FOR PLACING BARRICADES USING FLAG MEN, ETC. AS NECESSARY TO INSURE SAFETY TO THE PUBLIC.
3. ALL PAVEMENT CUTS, CONCRETE OR ASPHALT, ARE TO BE REPLACED ACCORDING TO STANDARDS OF THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION.
4. SHORING WILL BE ACCORDING TO OSHA TRENCHING STANDARDS PART 1926 SUBPART P, OR AS AMENDED.

SCALE: 1" = 30'
0 15 30 60

MARK	DATE	REVISION
1	2/4/00	PER TOWN OF MINT HILL

bba
Bryant Baker Architect
9400 Robinson Church Rd.
Charlotte, NC 28215
Phone (704) 532-8228
Fax (704) 532-9928

ColeJenest & Stone
Land Planning
Landscape Architecture
Civil Engineering
Urban Design
112 South Tryon Street
Suite 300
Charlotte
North Carolina
28284
Tele 704.376.1555
Fax 704.376.7851

K.M. ARMSTRONG ASSOCIATES, INC.
723 SOUTH SHARON AMITY ROAD
CHARLOTTE, N.C. 28211–2835
704–366–1776

COMM.NO. 13712–00 DATE 2–4–99
DESIGN BLS DRAWN BLS
CHECKED JMH

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STAMP

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 8461 CHRISTOPHER D. STONE
NORTH CAROLINA LICENSED LANDSCAPE ARCHITECT SEAL C–103 CHRISTOPHER D. STONE

11/02/99

PROJECT FOR
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

PROJECT NAME
MATTHEWS WARD
CHARLOTTE NC STAKE

PROJECT ADDRESS
13925 THOMPSON ROAD
MINT HILL NC

SHEET TITLE
WATER AND SANITARY SEWER PLAN

1549

PROJECT DESIGNATION
528-0729-76

PROPERTY NUMBER

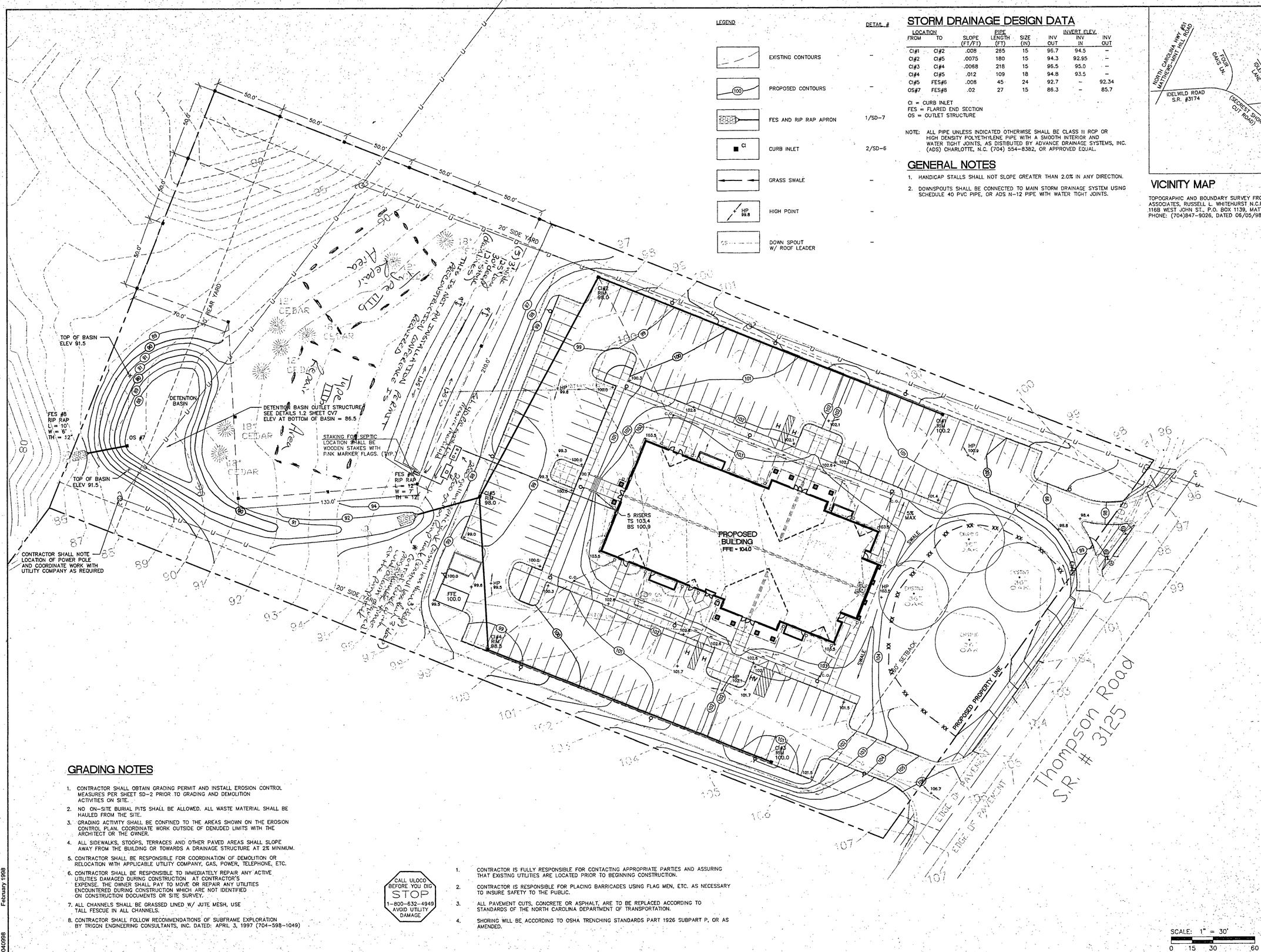
SHEET NO.
SD-4

DEVELOPMENT NUMBER
HA98-280C

DATE
11/02/99

SHEET 4 OF 9

040998 February 1998 ORIGINAL



STORM DRAINAGE DESIGN DATA

LOCATION FROM	TO	SLOPE (FT/FT)	PIPE LENGTH (FT)	SIZE (IN)	INVERT ELEV. INV OUT	INV IN	INV OUT
CI#1	CI#2	.008	285	15	96.7	94.5	–
CI#2	CI#5	.0075	180	15	94.3	92.95	–
CI#3	CI#4	.0068	218	15	96.5	95.0	–
CI#4	CI#5	.012	109	18	94.8	93.5	–
CI#5	FES#6	.008	45	24	92.7	–	92.34
OS#7	FES#8	.02	27	15	86.3	–	85.7

CI = CURB INLET
FES = FLARED END SECTION
OS = OUTLET STRUCTURE

NOTE: ALL PIPE UNLESS INDICATED OTHERWISE SHALL BE CLASS III RCP OR HIGH DENSITY POLYETHYLENE PIPE WITH A SMOOTH INTERIOR AND WATER TIGHT JOINTS, AS DISTIBUTED BY ADVANCE DRAINAGE SYSTEMS, INC. (ADS) CHARLOTTE, N.C. (704) 554-8382, OR APPROVED EQUAL.

GENERAL NOTES

1. HANDICAP STALLS SHALL NOT SLOPE GREATER THAN 2.0% IN ANY DIRECTION.
2. DOWNSPOUTS SHALL BE CONNECTED TO MAIN STORM DRAINAGE SYSTEM USING SCHEDULE 40 PVC PIPE, OR ADS N-12 PIPE WITH WATER TIGHT JOINTS.

VICINITY MAP

N.T.S.

TOPOGRAPHIC AND BOUNDARY SURVEY FROM: SAM MALONE & ASSOCIATES, RUSSELL L. WHITEHURST N.C.R.L.S. L-3661, 116B WEST JOHN ST., P.O. BOX 1139, MATTHEWS, NC 28106, PHONE: (704)847-9026, DATED 06/05/98

GRADING NOTES

1. CONTRACTOR SHALL OBTAIN GRADING PERMIT AND INSTALL EROSION CONTROL MEASURES PER SHEET SD-2 PRIOR TO GRADING AND DEMOLITION ACTIVITIES ON SITE.
2. NO ON-SITE BURIAL PITS SHALL BE ALLOWED. ALL WASTE MATERIAL SHALL BE HAULED FROM THE SITE.
3. GRADING ACTIVITY SHALL BE CONFINED TO THE AREAS SHOWN ON THE EROSION CONTROL PLAN. COORDINATE WORK OUTSIDE OF DENUDED LIMITS WITH THE ARCHITECT OR THE OWNER.
4. ALL SIDEWALKS, STOOPS, TERRACES AND OTHER PAVED AREAS SHALL SLOPE AWAY FROM THE BUILDING OR TOWARDS A DRAINAGE STRUCTURE AT 2% MINIMUM.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF DEMOLITION OR RELOCATION WITH APPLICABLE UTILITY COMPANY, GAS, POWER, TELEPHONE, ETC.
6. CONTRACTOR SHALL BE RESPONSIBLE TO IMMEDIATELY REPAIR ANY ACTIVE UTILITIES DAMAGED DURING CONSTRUCTION AT CONTRACTOR'S EXPENSE. THE OWNER SHALL PAY TO MOVE OR REPAIR ANY UTILITIES ENCOUNTERED DURING CONSTRUCTION WHICH ARE NOT IDENTIFIED ON CONSTRUCTION DOCUMENTS OR SITE SURVEY.
7. ALL CHANNELS SHALL BE GRASSED LINED W/ JUTE MESH, USE TALL FESCUE IN ALL CHANNELS.
8. CONTRACTOR SHALL FOLLOW RECOMMENDATIONS OF SUBFRAME EXPLORATION BY TRIGON ENGINEERING CONSULTANTS, INC. DATED: APRIL 3, 1997 (704-598-1049)

CALL ULOCO BEFORE YOU DIG STOP 1-800-632-4949 AVOID UTILITY DAMAGE

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4. SHORING WILL BE ACCORDING TO OSHA TRENCHING STANDARDS PART 1926 SUBPART P, OR AS AMENDED.

SCALE: 1" = 30'
0 15 30 60

MARK	DATE	REVISION
1		02/26/99 FOR PERMITS

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723 SOUTH SHARON AMITY ROAD
CHARLOTTE, N.C. 28211-2835
704-365-1775

COMM. NO. 13712-00 DATE 2-4-99
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NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT C-103 COLEJENEST & STONE
NORTH CAROLINA PROFESSIONAL SEAL 8461 ENGINEER DERLEY D. STONE
02/01/99

PROJECT FOR
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

PROJECT NAME
MATTHEWS WARD
CHARLOTTE NC STAKE

PROJECT ADDRESS
13925 THOMPSON ROAD
MINT HILL NC

SHEET TITLE
GRADING AND DRAINAGE PLAN

1549

PROJECT DESIGNATION
528-0729-76

PROPERTY NUMBER
SHEET NO. SD-2

DEVELOPMENT NUMBER
HA98-280C

DATE
02/25/99

SHEET 2 OF 9

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February 1998
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