

D183

WOODED
(TO REMAIN UNDISTURBED
PROVIDING NATURAL BUFFER.)
41.36 GR.AC.

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(TO REMAIN UNDISTURBED
PROVIDING NATURAL BUFFER.)
41.36 GR.AC.

PROPOSED CLEARING LIMITS

FLOOD HAZARD SOILS

GRAVEL BUS PARKING

RESERVED
BY OWNER
3.56 GR.AC.
USE: VACANT
ZONED R-30

PROPOSED 50' JOINT DRIVEWAY EASEMENT

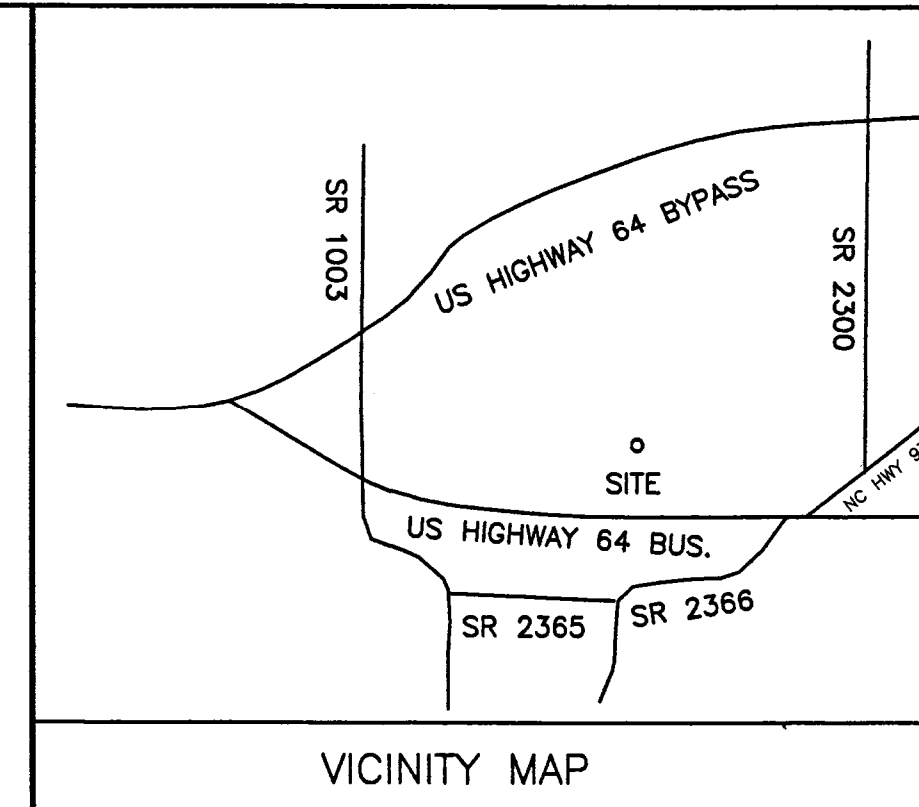
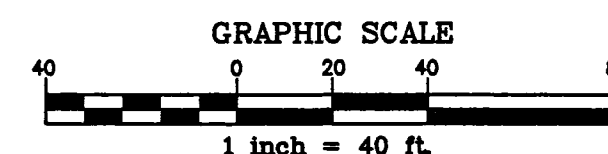
END C&G AT R.O.W.
S001517°W
50.02'

NGCS "CHEVY"
N 747322.43
E 2176775.10
NAD 27

U.S. HWY. 64

PRELIMINARY PROGRESS PRINTS - NOT RELEASED FOR CONSTRUCTION

MLC AUTOMOTIVE LLC PROPERTY
BOOK OF MAPS 2001, PAGE 1352
ZONED GB
(CURRENT USE - AUTOMOTIVE SALES)



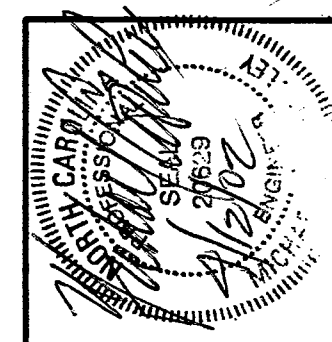
SITE SUMMARY

WAKE COUNTY PIN	1774.02-78-1425
DEED REFERENCE	D.B. 8681- P. 1579 M.B.2002-P.-----
GROSS ACREAGE	41.36 AC
NET ACREAGE	41.36 AC
ZONING DISTRICT	R-30
EXISTING USE	VACANT
PROPOSED USE	CHURCH
BUILDING SIZE	42,320 S.F.
BUILDING HEIGHT	±35' HT.
NUMBER OF SEATS	1537
PARKING REQUIRED	1537/8 = 193 SPACES INCL. 6 H/C
PARKING PROVIDED	312 SPACES INCL. 8 H/C
IMPERVIOUS AREA	0.0 AC.
EXISTING PROPOSED	4.69 AC. OR 11.34% OF SITE (15% MAX.)
FLOOR AREA RATIO	0.02349
INTENSITY	0.02349
DISTURBED AREA	8.1 A.C.
STREET ADDRESS	----- U.S. HWY 64 WEST
PROJECTED TRAFFIC GENERATIONS	SUNDAY A.M. 250 VEHICLES SUNDAY P.M. 150 VEHICLES WEDNESDAY P.M. 150 VEHICLES
TYPE OF VEHICLES	PASSENGER
NUMBER OF EMPLOYEES	TWO
HOURS/DAYS OF WEEK	8 A.M.-5 P.M. M-F
DEVELOPER	CHURCH OF GOD IN CHRIST, INC. GREATER N.C. JURISDICTION 100 MARY BETH DRIVE GREENVILLE, N.C. 27858

GENERAL CONSTRUCTION NOTES

- ALL LAND DISTURBING ACTIVITIES SHALL BE CONDUCTED IN ACCORDANCE WITH AN APPROVED EROSION CONTROL PLAN.
- ALL CONSTRUCTION AND MATERIALS TO BE IN STRICT ACCORDANCE WITH ALL APPLICABLE STANDARDS AND SPECIFICATIONS.
- HORIZONTAL RELATION OF WATER MAINS TO SEWERS
LATERAL SEPARATION OF SEWERS AND WATER MAINS. WATER MAINS SHALL BE LAID AT LEAST 10 FEET LATERALLY FROM EXISTING OR PROPOSED SEWERS, UNLESS LOCAL CONDITIONS OR BARRIERS PREVENT A 10 FOOT LATERAL SEPARATION - - IN WHICH CASE:
 - THE WATER MAIN IS LAID IN A SEPARATE TRENCH, WITH THE ELEVATION OF THE BOTTOM OF THE WATER MAIN AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER; OR
 - THE WATER MAIN IS LAID IN THE SAME TRENCH AS THE SEWER WITH THE WATER MAIN LOCATED AT ONE SIDE ON A BENCH OF UNDISTURBED EARTH, AND WITH THE ELEVATION OF THE BOTTOM OF THE WATER MAIN AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER.
- VERTICAL RELATION OF WATER MAINS TO SEWERS
CROSSING A WATER MAIN OVER A SEWER. WHENEVER IT IS NECESSARY FOR A WATER MAIN TO CROSS OVER A SEWER, THE WATER MAIN SHALL BE LAID AT SUCH AN ELEVATION THAT THE BOTTOM OF THE WATER MAIN IS AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER, UNLESS LOCAL CONDITIONS OR BARRIERS PREVENT AN 18 INCH VERTICAL SEPARATION - - IN WHICH CASE BOTH THE WATER MAIN AND SEWER SHALL BE CONSTRUCTED OF FERROUS MATERIALS AND WITH JOINTS THAT ARE EQUIVALENT TO WATER MAIN STANDARDS FOR A DISTANCE OF 10 FEET ON EACH SIDE OF THE POINT OF CROSSING.
- CROSSING A WATER MAIN UNDER A SEWER. WHENEVER IT IS NECESSARY FOR A WATER MAIN TO CROSS UNDER A SEWER, BOTH THE WATER MAIN AND THE SEWER SHALL BE CONSTRUCTED OF FERROUS MATERIALS AND WITH JOINTS EQUIVALENT TO WATER MAIN STANDARDS FOR A DISTANCE OF 10 FEET ON EACH SIDE OF THE POINT OF CROSSING.
- VERTICAL RELATION OF SANITARY SEWERS TO STORM SEWER
WHEN A SANITARY SEWER IS CROSSING OVER OR UNDER A STORM SEWER, A VERTICAL SEPARATION OF 12 INCHES SHALL BE MAINTAINED UNLESS BOTH LINES ARE OF A FERROUS MATERIAL.
- GENERAL VERTICAL CLEARANCE
WHEN OTHER UNDERGROUND UTILITIES ARE ENCOUNTERED, 12 INCHES OF SEPARATION SHALL BE MAINTAINED.
- PRIVATE SEWER MAINS
 - MINIMUM GRADE ON ALL 4" PRIVATE SEWERS IS 1.00%.
 - MINIMUM GRADE ON ALL 6" PRIVATE SEWERS IS 0.60%.
 - MINIMUM COVER ON ALL PRIVATE SEWERS IS 3'-0".
- EXISTING UTILITIES
CONTRACTOR SHALL VERIFY EXACT LOCATION AND GRADE OF ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
- ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL APPLICABLE STANDARDS AND SPECS.

Site Plan
Church of God in Christ, Inc.
U.S. Highway 64 West
Marks Creek Township, Wake County, NC

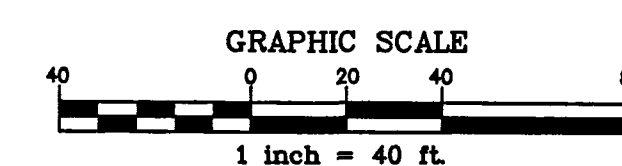


FILE NAME
JACKSON-C1
JOB NUMBER
JACKSON
ISSUE DATE
04-FEB-2002
REVISION DATE
10-APR-2002


DRAWING
No. C1

Crowley & Associates, Inc.
Professional Engineers
206 Kelly Green Court
Raleigh, NC 27611
919-562-8860

Crowley & Associates, Inc.



Crowley & Associates, Inc.
Professional Engineers
206 Kelly Green Court
Rolesville, NC 27571
919-562-8860

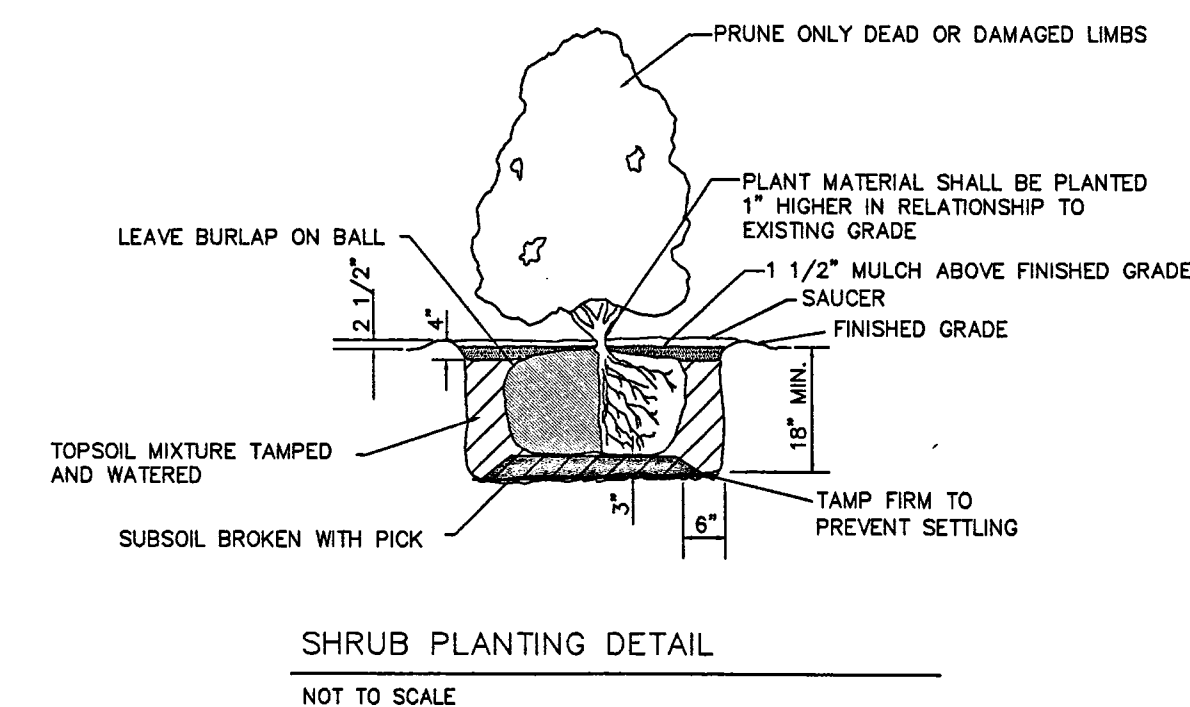
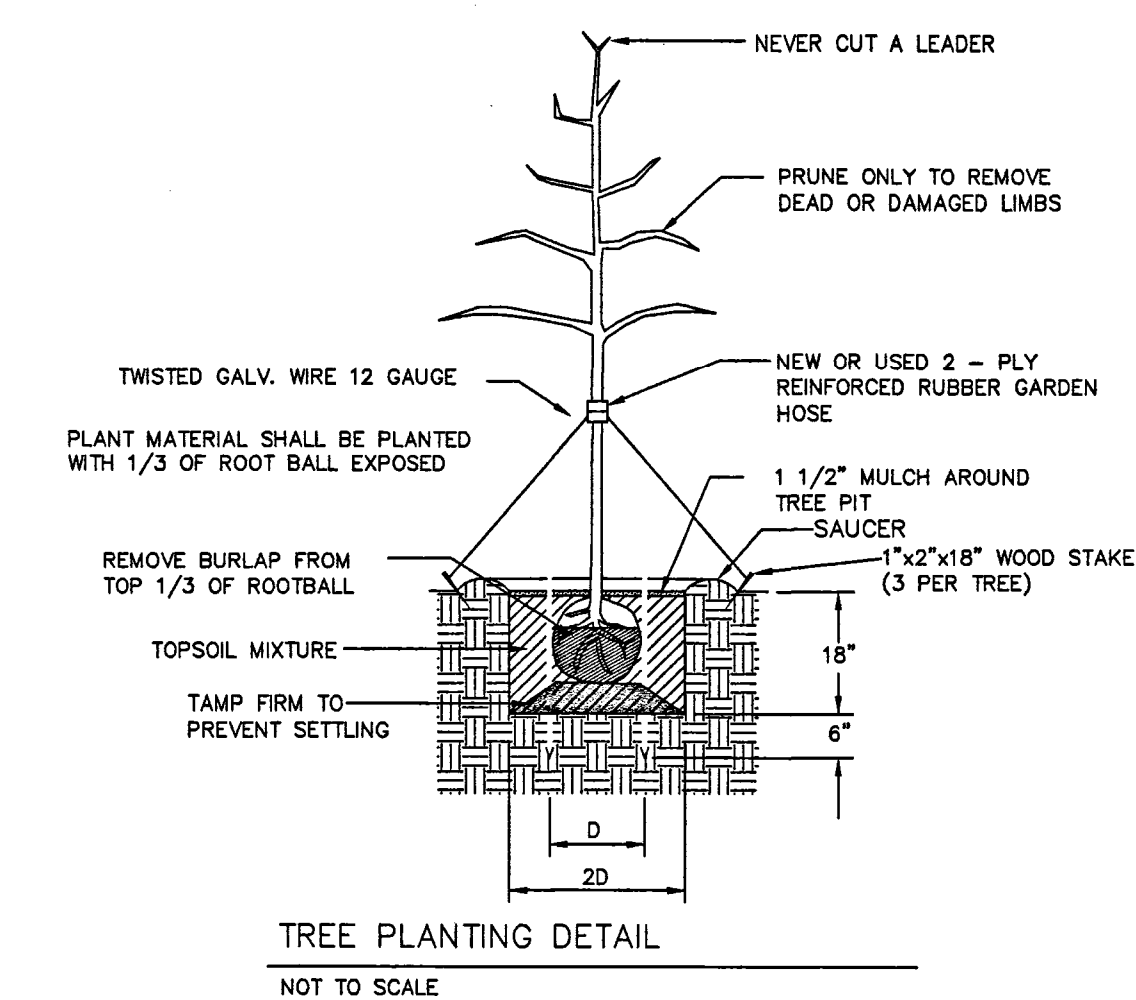
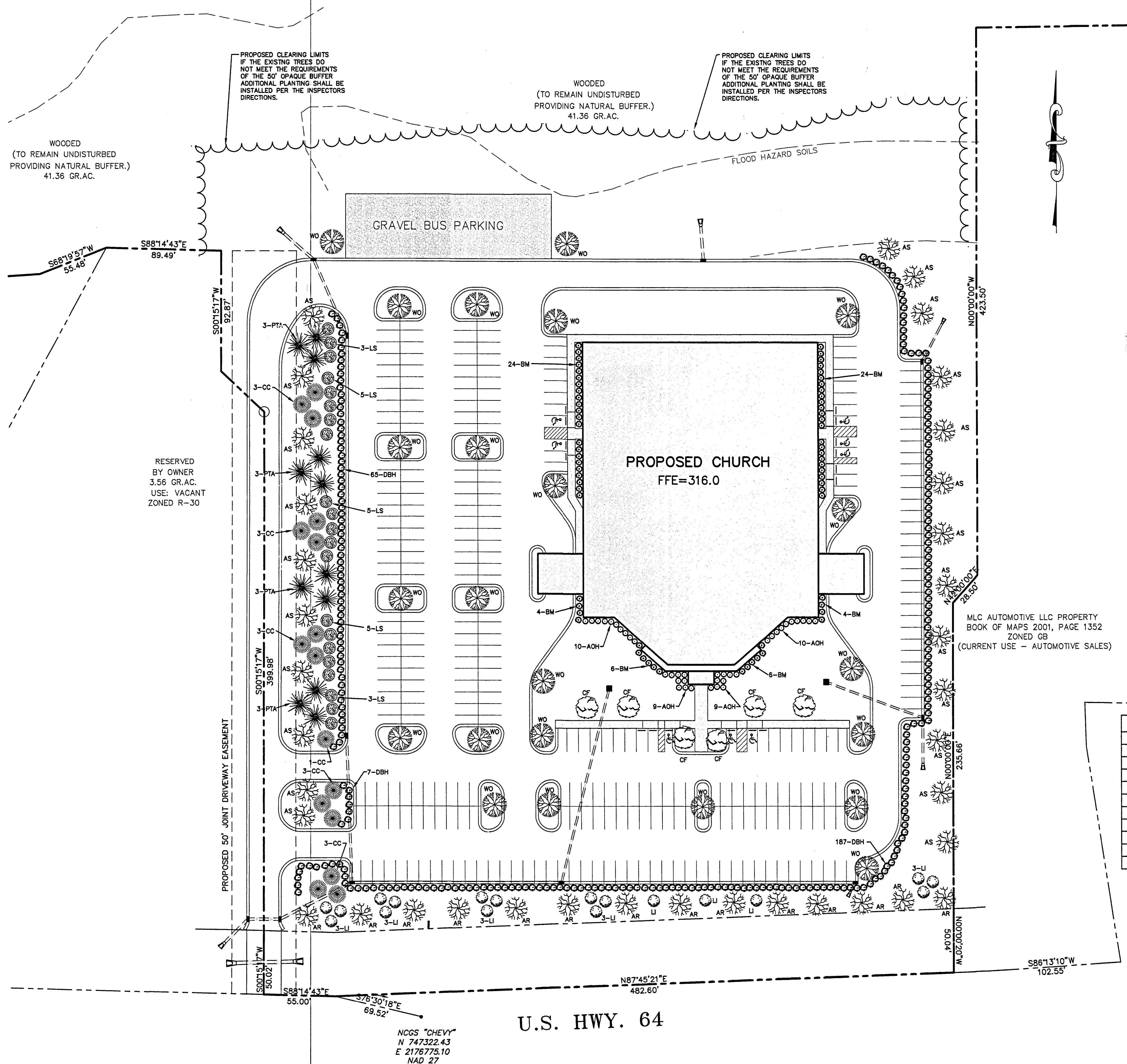


Crowley & Associates, Inc.

Marks Creek Township, Wake County, NC

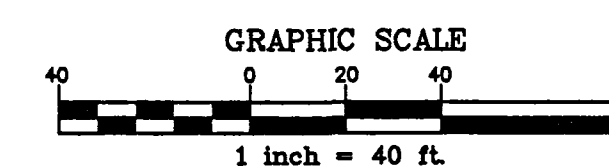
STORM DRAINAGE CALCULATIONS									
STRUCT. NO.	AREA, AC	C	I	Q, CFS	Q TOTAL	PIPE SLOPE, %	PIPE SIZE, IN	VEL, FPS	DISSIPATOR PAD
CB1	0.27	0.8	7.2	1.56	1.56	1.04	12"	4.46	6'1x4'Wx22"THK. CLASS 'B' STONE
CB2	1.23	0.8	7.2	3.68	7.08	1.56	18"	7.56	9'1x5'Wx22"THK. CLASS 'B' STONE
CB3	0.62	0.8	7.2	3.57	1.95	1.5	15"	6.92	
CB4	0.73	0.8	7.2	4.20	7.77	2.48	18"	9.62	12'1x5'Wx22"THK. CLASS 'B' STONE
GI5	0.29	0.8	7.2	1.67	1.67	1.63	12"	5.35	
CB6	0.15	0.8	7.2	0.86	2.53	1.13	15"	5.17	8'1x5'Wx22"THK. CLASS 'B' STONE
CB7	0.43	0.8	7.2	2.48	2.48	1.67	12"	5.96	6'1x4'Wx22"THK. CLASS 'B' STONE
GI8	0.29	0.8	7.2	1.67	1.67	1.67	12"	5.39	
CB9	0.23	0.8	7.2	1.32	2.99	1.16	15"	5.46	
CB10	0.32	0.8	7.2	1.84	1.84	1.61	15"	5.48	
CB11	0.52	0.8	7.2	3.00	7.83	2.18	18"	8.80	
CB12	0.43	0.8	7.2	2.48	10.31	1.48	18"	8.05	
CB13	0.30	0.8	7.2	1.73	12.04	1.56	18"	8.42	12'1x6'Wx22"THK. CLASS 'B' STONE
--	--	0.8	7.2	--	--	--	--	--	
--	--	0.8	7.2	--	--	--	--	--	

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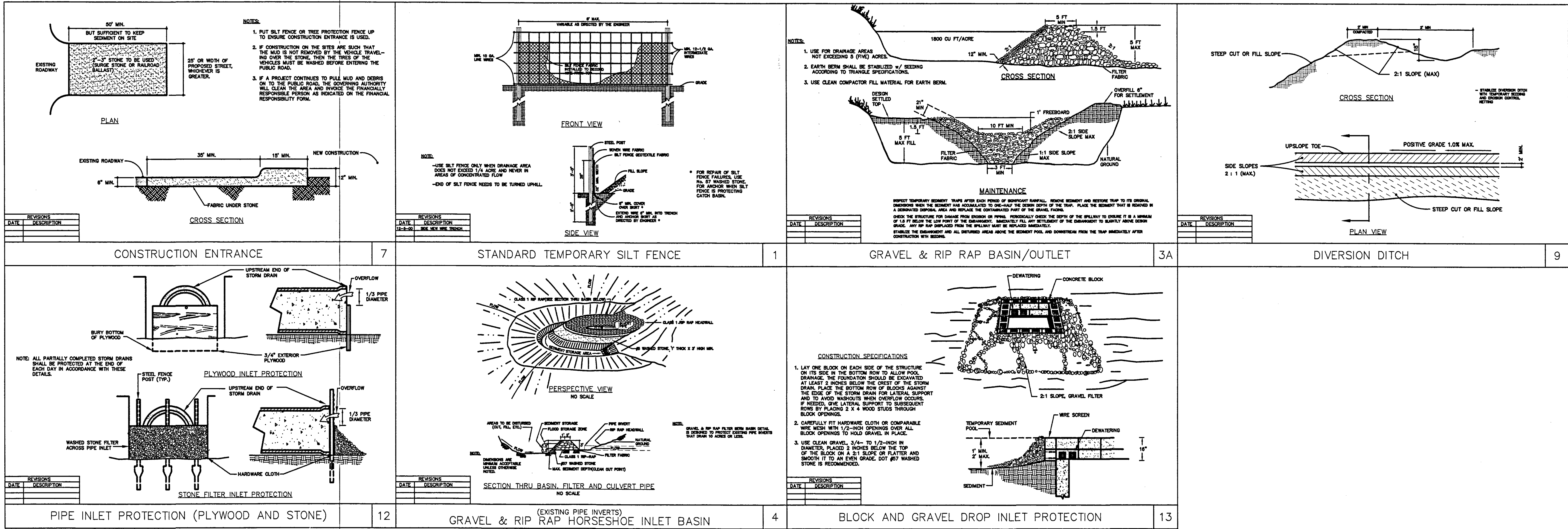


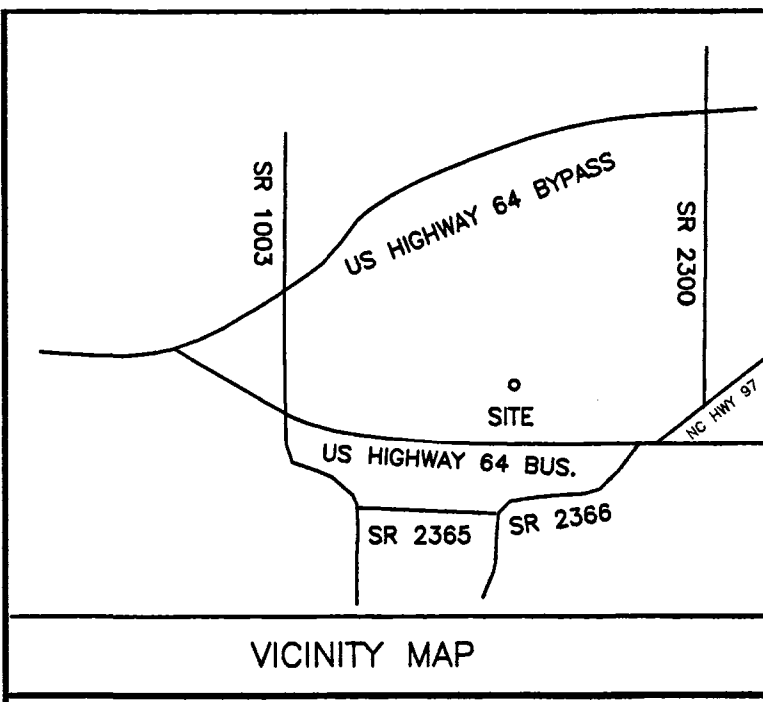
- NOTE:
1. A FINAL ZONING AND SITE IMPROVEMENT INSPECTION SHALL BE REQUIRED TO VERIFY SITE PLAN COMPLIANCE BE DONE BEFORE A CERTIFICATE OF OCCUPANCY IS ISSUED BY WAKE COUNTY IDPP STAFF.
 2. DETERIORATED OR DEAD SCREENING SHALL BE REPAIRED OR REPLACED WITHIN SIX MONTHS.
 3. NO PERMANANT CONSTRUCTION CAN OCCUR WITHIN BUFFER YARDS.
 4. SEPTIC TANKS, SEPTIC TANK DRAIN LINES ARE PROHIBITED IN REQUIRED BUFFER YARDS. STORM WATER RETENTION AND DETENTION FACILITIES, STORAGE TANKS FOR ANY PURPOSE, UTILITY SUBSTATIONS AND BUILDINGS HOUSING UTILITY SUBSTATIONS AND BUILDINGS HOUSING UTILITY COMMODITIES OR EQUIPMENT ARE ALSO PROHIBITED IN REQUIRED BUFFER YARDS.

KEY	QNTY.	BOTANICAL NAME	COMMON NAME	HT.	CAL.	ROOT
DBH	187	Ilex Cornuta 'Burfordii Nana'	Dwarf Burford Holly	18"		3 gal.
AS	13	Acer saccharum	Sugar Maple	8'	2"	B&B
AOH	38	Azalea obtusum	Kurume Azalea 'Hershey Red'	18"		3 gal.
BM	68	Buxus microphylla 'Koreana'	Korean Boxwood	18"		3 gal.
AR	14	Acer Rubrum 'red sunset'	Sunset Red Maple	8'	2"	B&B
CC	16	Cercis canadensis	Eastern Redbud	6'		B&B
CF	4	Cornus florida 'Rubra'	Pink Dogwood	6'		B&B
LI	18	Lagerstroemia indica 'Car. Beauty'	Carolina Beauty Crape Myrtle	6'		B&B
LS	21	Ligustrum sinense 'Variegatum'	Variegated Chinese Privet	18"		3 gal.
PTA	12	Pinus taeda	Loblolly Pine	6'		B&B
WO	22	Quercus phellos	Willow Oak	8'	2"	B&B



PRELIMINARY PROGRESS PRINTS - NOT RELEASED FOR CONSTRUCTION





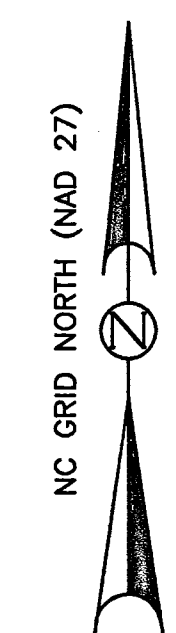
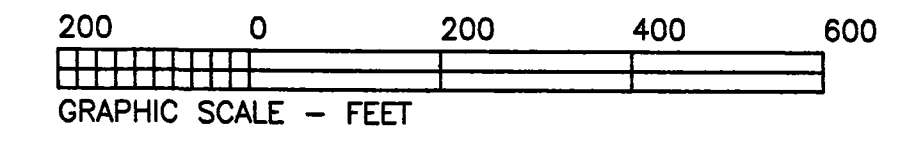
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PIN # 1774.02-78-1425
ZONED R-30

Sheet 1 of 2

WILLIAMS - PEARCE & ASSOC., P.A.

PROPOSED SITE PLAN FOR
CHURCH OF GOD IN CHRIST, INC.
MARKS CREEK TOWNSHIP
WAKE COUNTY
NORTH CAROLINA



BW & G GROUP, LLC PROPERTY
DEED BOOK 6681, PAGE 1579
ZONED: R-30
(CURRENT USE - VACANT)
1.5 DU/AC. ● MAXIMUM YIELD

LUTHERAN CHURCH EXT. FUND PROPERTY
DEED BOOK 8729, PAGE 651
DEED BOOK 7135, PAGE 650
ZONED R-30
(CURRENT USE - VACANT)
1.5 DU/AC. ● MAXIMUM YIELD

A.V. ANDERSON ET AL'S PROPERTY
DEED BOOK 7841, PG. 84
ZONED R-30

HELEN SCARBOROUGH STRAIN PROPERTY
DEED BOOK 9012, PAGE 1508
ZONED R-30

SALLIE JO HANNA PROPERTY
DEED BOOK 9012, PAGE 1508
ZONED R-30

JOHN SLOPE PROPERTY
DEED BOOK 2410, PG. 512
DEED BOOK 1489, PG. 40
ZONED R-30
(CURRENT USE - RESIDENTIAL)
(LOW INTENSITIES (L))

MLC AUTOMOTIVE
LLC PROPERTY
BOOK OF MAPS 2001, PAGE 1302
ZONED GB
(CURRENT USE - AUTOMOTIVE SALES)

LAVERNE LEITH PROPERTY
DEED BOOK 8323, PG. 2191
ZONED GB

DRAWN BY: CTP & BGW
CHECKED BY: CTP
DATE: 10-11-2001
SCALE: 1" = 200'
JOB: CTP2316 CF & BGW564 SF
FB:

Professional Land Surveyors P.O. Box 892, Zebulon, N.C. Phone (919)269-9605