CDOT

NOTE: SCHEDULE PRE-CONSTRUCTION MEETING AT LEAST 48 HRS. PRIOR TO ANY LAND DISTURBING ACTIVITY USING THE ONLINE FORM FOUND AT http://charlottenc.gov/ld

APPROVED By Jack Fulghum at 2:00 pm, Feb 07, 2018

APPROVED

ROBINSON CHURCH ROAD CHARLOTTE, NORTH CAROLINA 28215 MECKLENBURG COUNTY

ROBINSON PARK

APPROVED FOR

CHARLOTTE-MECKLENBURG PLANNING DEPARTMEN By: Joshua Weaver 2-7-2018 1 of 2

UTILITY AND GOVERNING AGENCIES CONTACT LIST:

WATER COMPANY

CHARLOTTE WATER 5100 BROOKSHIRE BOULEVARD CHARLOTTE, NC 28216 (704) 399-2221CONTACT: BARBARA GROSS

SANITARY SEWER COMPANY

CHARLOTTE WATER 5100 BROOKSHIRE BOULEVARD CHARLOTTE, NC 28216 (704) 399 - 2221CONTACT: BARBARA GROSS

NATURAL GAS COMPANY

PIEDMONT NATURAL GAS 4339 SOUTH TRYON STREET CHARLOTTE, NC 28217 (704) 525-5585 TEL CONTACT: KAREN BURTON

FIRE MARSHAL

MECKLENBURG COUNTY FIRE MARSHAL 2145 SUTTLE AVE CHARLOTTE, NORTH CAROLINA 28202 (980) 314-3070 TEL CONTACT: MELISSA BURGESS

EROSION CONTROL

CITY OF CHARLOTTE ENGINEERING AND PROPERTY MANAGEMENT 600 E. 4TH STREET CHARLOTTE, NORTH CAROLINA 28202 (704) 432-0958 TEL CONTACT: JAY WILSON

ENGINEERING DEPARTMENT

CITY OF CHARLOTTE **ENGINEERING & PROPERTY MANAGEMENT** 600 E. 4TH STREET CHARLOTTE, NORTH CAROLINA 28202 (704) 336-4103 TEL CONTACT: DAVID WEEKLY

NOTES:

ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO THE FINAL CONNECTIONS OF SERVICES.

ATTENTION IS DRAWN TO THE FACT THAT THE SCALE OF THESE DRAWINGS MAY HAVE BEEN DISTORTED DURING REPRODUCTION PROCESS.

THIS DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGNS PRESENTED HEREIN, AS AN INSTRUMENT OF SERVICE, IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. REUSE OF AND IMPROPER RELIANCE ON THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ADAPTATION BY KIMLEY-HORN AND ASSOCIATES, INC. SHALL BE WITHOUT LIABILITY TO KIMLEY-HORN AND ASSOCIATES, INC.

GROUNDWATER NOTE:

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

POWER COMPANY

DUKE POWER 526 SOUTH CHURCH STREET CHARLOTTE, NC 28202 (704) 395-4413 CONTACT: CHARLES MCCORKLE

TELEPHONE COMPANY

AT&T SMALL BUSINESS (877) 812-9095 CONTACT: JAMAICA CANLAS

CABLE TELEVISION COMPANY

SPECTRUM CABLE (844) 231-6411 TEL

DEPARTMENT OF TRANSPORTATION

CHARLOTTE DEPARTMENT OF TRANSPORTATION 600 E. 4TH STREET CHARLOTTE, NORTH CAROLINA 28202 (704) 432-1563 TEL

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION 7605 DISTRICT DRIVE CHARLOTTE, NORTH CAROLINA 28213 (980) 523-0000

PLANNING DEPARTMENT

CHARLOTTE MECKLENBURG PLANNING COMMISSION 600 E. 4TH STREET CHARLOTTE, NORTH CAROLINA 28202 (704) 336-8364 TEL (704) 336-5123 FAX

ZONING DEPARTMENT

MECKLENBURG COUNTY ZONING DEPT. 700 N. TRYON STREET CHARLOTTE, NORTH CAROLINA 28202 (704) 336-3569 TEL

Kimley» Horn

LOCATION MAP

SCALE: 1" = 200'

ENGINEER: KIMLEY-HORN AND ASSOCIATES, INC.

200 SOUTH TRYON STREET, SUITE 200 CHARLOTTE, NORTH CAROLINA 28202 TEL (704) 333-5131 LICENSE NO. F-0102 CONTACT: JOHN HOLCOMB, P.E.

OWNER: ROBINSON CHURCH, LLC 13815 CINNABAR PLACE HUNTERSVILLE, NORTH CAROLINA TEL (704)875-9704

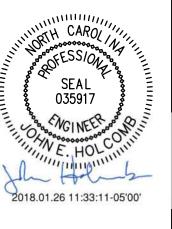
CONTACT: DREW BOWMAN

APPROVED

By Vince Condon at 10:10 am, Jan 31, 2018

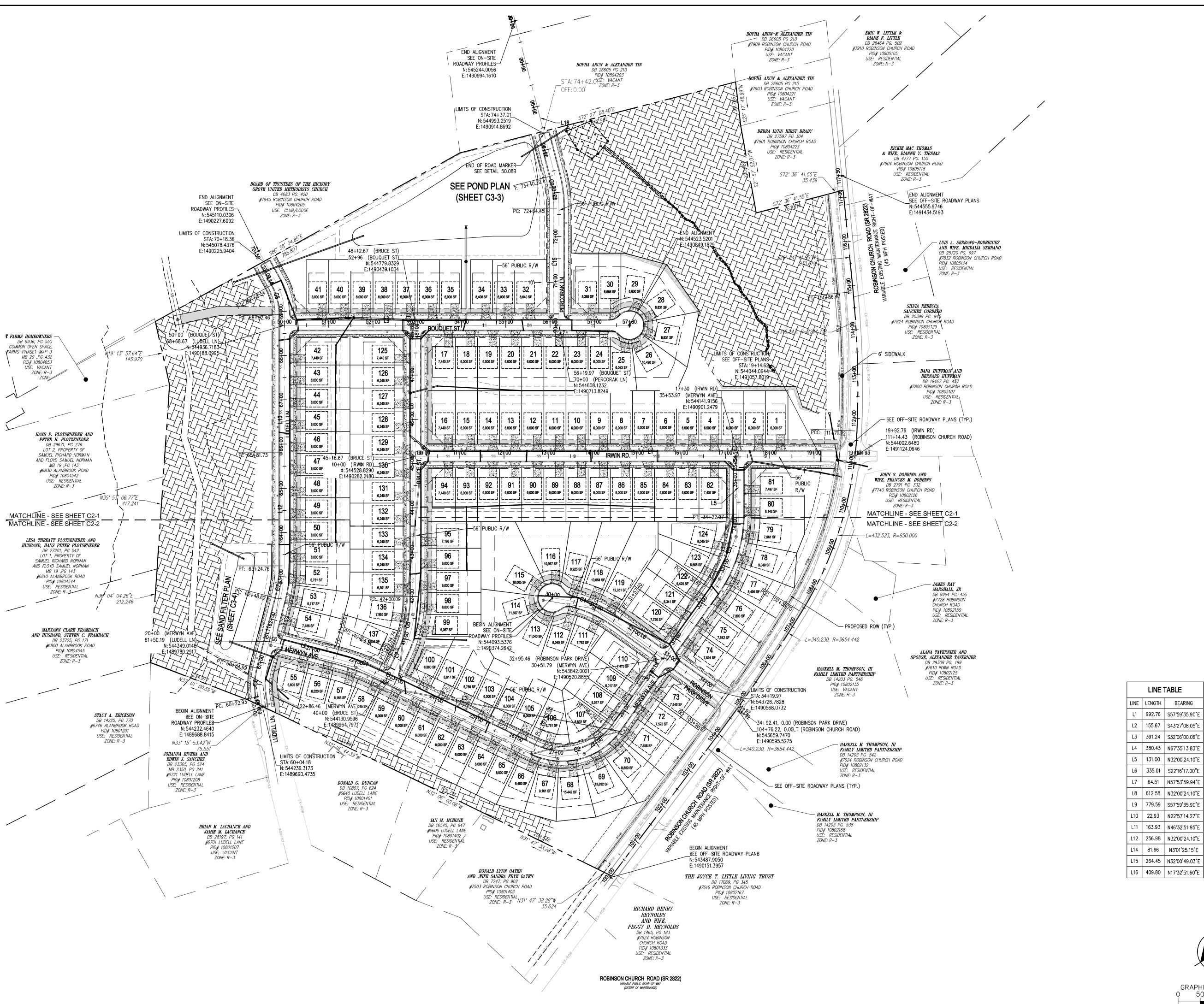
SHEET INDEX

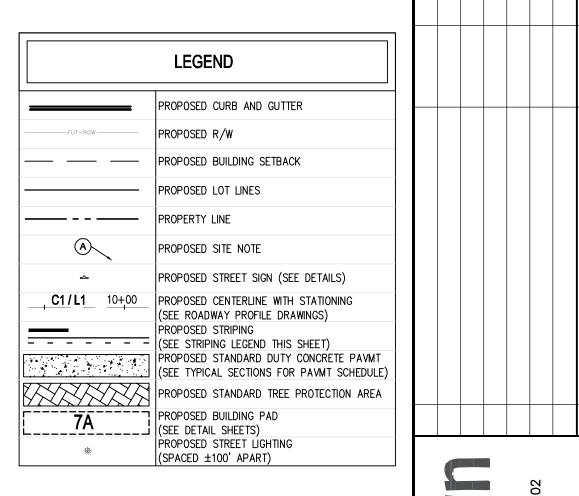
SHEET NO.	DESCRIPTION					
C0-0	COVER SHEET					
C0-2	GENERAL NOTES					
C0-3	GENERAL NOTES					
C0-4	EXISTING CONDITIONS					
C0-5	EXISTING CONDITIONS					
C0-6	EXISTING CONDITIONS					
C0-7	EXISTING CONDITIONS					
C0-8	EXISTING CONDITIONS					
C0-9	DEMOLITION PLAN					
C1-0	EROSION CONTROL PLAN PHASE 1					
C1-1	EROSION CONTROL PLAN PHASE 2					
C2-0	OVERALL SITE PLAN					
C2-1	SITE PLAN					
C2-2	SITE PLAN					
C2-3	TREE PROTECTION PLAN					
C2-4	ON-SITE ROADWAY PROFILES					
C2-5	ON-SITE ROADWAY PROFILES					
C2-6	ON-SITE ROADWAY PROFILES					
C3-0	OVERALL GRADING AND DRAINAGE PLAN					
C3-1	GRADING AND DRAINAGE PLAN					
C3-2	GRADING AND DRAINAGE PLAN					
C3-3	POND PLAN					
C3-4	SAND FILTER PLAN					
C5-0	DRAINAGE AREA MAP					
C10-0	STORM PROFILES					
C10-1	STORM PROFILES					
C10-2	STORM PROFILES					
C10-3	STORM PROFILES					
C10-4	STORM PROFILES					
C10-5	STORM PROFILES					
C11-0	EROSION CONTROL DETAILS					
C11-1	EROSION CONTROL DETAILS					
C11-2	SITE DETAILS					
C11-3	SITE DETAILS					
C11-4	SITE DETAILS					
C11-5	STORM DETAILS					
L1-0	LANDSCAPE PLAN					
L2-0	POND PLANTING PLAN					
L3-0	LANDSCAPE DETAILS					
R1-1	OFF-SITE ROADWAY GENERAL NOTES					
R2-1	TRAFFIC CONTROL					
R2-2	TRAFFIC CONTROL					
R2-3	TRAFFIC CONTROL					
R3-1 R3-2	SIGHT DISTANCE PROFILES ROBINSON PARK DR SIGHT DISTANCE PROFILES IRWIN RD					
R3-2 R4-1	ROADWAY PLANS					
R4-2	ROADWAY PLANS					
R4-3	ROADWAY PLANS					
R5-1	TYPICAL SECTIONS					
R5-2	TYPICAL SECTIONS					
R6-1	SIGNING AND STRIPING PLANS					
R6-2	SIGNING AND STRIPING PLANS					
R6-3	SIGNING AND STRIPING PLANS					
R7-1	TURNING MOVEMENTS					
X-1	CROSS SECTIONS ROBINSON CHURCH ROAD					
X-2	CROSS SECTIONS ROBINSON CHURCH ROAD					
X-3	CROSS SECTIONS ROBINSON CHURCH ROAD					
X-4	CROSS SECTIONS ROBINSON CHURCH ROAD					
X-5	CROSS SECTIONS ROBINSON CHURCH ROAD					
X-6	CROSS SECTIONS ROBINSON CHURCH ROAD					
X-7	CROSS SECTIONS ROBINSON CHURCH ROAD					
X-8	CROSS SECTIONS ROBINSON CHURCH ROAD					
X-9	CROSS SECTIONS ROBINSON CHURCH ROAD					









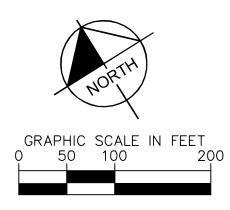


LYSIS TABLE
20'
5'
6'
10'
30'
BUFFER 20'
45.87 ACRES
10804201, 10804225
A & B
RESIDENTIAL
3710459400K
137
137 (SEE CALC. BELOW)
CURRENT: R3, PROPOSED: CLUSTER R-3
DEVELOPED AS R-3 CLUSTER AND R-4 CLUSTER PER TREE SAVE INCENTIVES.
8000 SF (EXTERIOR), 6000 SF (INTERIOR)
60' (EXTERIOR), 50' (INTERIOR)
48'
3 DWELLING UNITS PER ACRE
REEDY
YADKIN SOUTHEAST CATAWBA
±45.87 ACRES
SEE TREE PROTECTION PLAN

ALLOWABLE LOTS CALCULATION:	
TOTAL SITE AREA:	45.87
TREE PRESERVATION AREA REQUIRED (SEE C2-3):	10.77
MAXIMUM DENSITY ALLOWED:	3.0 DU,
ALLOWABLE LOTS 45.87AC*3.0 DU/AC:	

LINE	LENGTH	BEARING	
L1	992.76	S57*59'35.90"E	
L2	155.67	S43°27'08.05"E	
L3	391.24	S32°06'00.06"E	
L4	380.43	N67*35'13.83"E	
L5	131.00	N32°00'24.10"E	
L6	335.01	S22°16'17.00"E	
L7	64.51	N57*53'59.94"E	
L8	612.58	N32°00'24.10"E	
L9	779.59	S57*59'35.90"E	
L10	22.93	N22*57'14.27"E	
L11	163.93	N46°32'51.95"E	
L12	256.98	N32°00'24.10"E	
L14	81.66	N3°01'25.15"E	
L15	264.45	N32°00'49.03"E	
L16	409.80	N17'32'51.60"E	

= -	TABLE				CURVE TABL	.E		
1	BEARING	CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA	TANGENT
;	S57*59'35.90"E	C1	500.00	99.07'	S37 ° 46'34"E	98.90'	11°21'08"	49.70'
,	S43°27'08.05"E	C2	150.00'	210.26	S72"15'23"E	193.46	80"18'46"	126.56
	S32*06'00.06"E	C3	300.00'	186.30'	N49°47'49"E	183.32	35*34'50"	96.26
3	N67*35'13.83"E	C4	300.00'	157.40'	S37*18'08"E	155.60'	30'03'39"	80.56
)	N32°00'24.10"E	C5	300.00'	135.58'	N44*57'12"E	134.43'	25*53'36"	68.97
	S22°16'17.00"E	C6	150.00'	61.77'	N34°45'03"E	61.33'	23'35'38"	31.33'
	N57*53'59.94"E	C7	300.00'	76.14	N39"16'38"E	75.93	14*32'28"	38.27
}	N32°00'24.10"E	C8	150.00'	75.88'	N17*30'55"E	75.07	28*58'59"	38.77
)	S57*59'35.90"E	C9	300.00'	75.74'	N24°46'50"E	75.54	14*27'57"	38.07
	N22*57'14.27"E							
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SHEET NUMBER C2-0

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