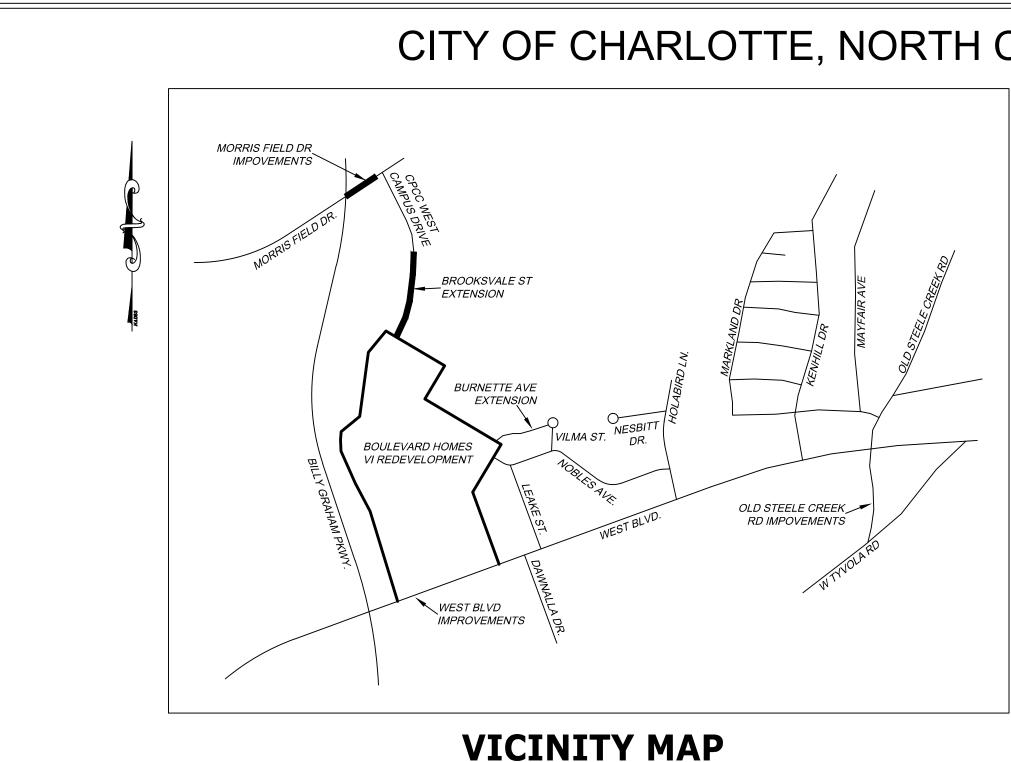
## **C - SERIES DRAWING ABBREVIATIONS:**

ADV - ADVANCE AFG - ABOVE FINISHED GRADE APPR LOC. - APPROXIMATE LOCATION ASS'Y - ASSEMBLY B/C - BACK OF CURB. B/L - BASE LINE B/W - BOTTOM OF WALL CBR - CALIFORNIA BEARING RATIO CG - CURB AND GUTTER C/L - CENTERLINE CL - CLASS CMP - CORRUGATED METAL PIPE CO - CLEAN OUT CONC - CONCRETE CONN - CONNECTION **CP - CORRUGATED PLASTIC** CY - CUBIC YARD DI - DROP INLET **DIP - DUCTILE IRON PIPE** DR - DRIVE DS - DOWNSPOUT E - ELECTRIC EA - EACH E BOX - ELECTRICAL BOX ELEC - ELECTRIC E/P - EDGE OF PAVEMENT E/S - EDGE OF SHOULDER EX - EXISTING F/C - FACE OF CURB FDC - FIRE DEPARTMENT CONNECTION FF - FINISHED FLOOR FH - FIRE HYDRANT F/L - FLOW LINE FL - FIRE LANE G - GAS GND - GROUND GTS - GAS TEST STATION GV - GAS VALVE HDPE - HIGH DENSITY POLYETHYLENE HORIZ - HORIZONTAL INV - INVERT LF - LINEAR FEET MECH - MECHANICAL MH - MANHOLE MIN - MINIMUM MIN S - MINIMUM SLOPE MJ - MECHANICAL JOINT NIC - NOT IN CONTRACT

**OHE - OVERHEAD ELECTRIC OHP- OVERHEAD POWER OHT - OVERHEAD TELEPHONE** PB - PLAT BOOK PC - POINT OF CURVATURE PED - PEDESTAL PG - PAGE PH - PHASE **PI - POINT OF INTERSECTION** PKG - PARKING P/L - PROPERTY LINE **PT - POINT OF TANGENT** PP - POWER POLE PVC - POLYVINYL CHLORIDE **PVMT - PAVEMENT** PWR - POWER RD - ROOF DRAIN **RJ - RESTRAINED JOINT** R/W - RIGHT-OF-WAY REQ'D - REQUIRED **RCP - REINFORCED CONCRETE PIPE** S - SLOPE SAN - SANITARY SEWER SDWK - SIDEWALK SF - SILT FENCE SPT - SPOT GRADE **SS - SANITARY SEWER CONNECTION** STA - STATION STD - STANDARD STM - STORM STMH - STORM SEWER MANHOLE **T - TELEPHONE** TCM - TELECOMMUNICATIONS MANHOLE T/C - TOP OF CURB TEL - TELEPHONE **UGE - UNDERGROUND ELECTRIC UNK - UNKNOWN UP - UTILITY POLE** VAR - VARIABLE VERT - VERTICAL W/ - WITH W/L - WATER LINE W - WATER WUS - WATERS OF THE US X-ING - CROSSING Ø - DIAMETER

# BOULEVARD HOMES OFFSITE ROAD IMPROVEMENTS PHASE 3



NO SCALE

# LEGEND

SEWER	M	MISCELLANEOUS UTILITIES		
SS	EXISTING SANITARY SEWER	⊖‡	EXISTING LIGHT POLE	
	SANITARY SEWER	¢	EXISTING YARD LIGHT	
$\langle 1 \rangle$	SANITARY MANHOLE NUMBER	•	EXISTING GROUND LIGHT	
$\sim$	EX SANITARY MANHOLE	□•□ •□	LIGHT POLES	
0		Q	EXISTING UTILITY POLE	
Ū		è	UTILITY POLE	
	EXISTING CLEAN OUT	<	EXISTING GUY WIRE	
© WATER	CLEAN OUT	Ì	EXISTING ELECTRIC METER	
W	EXISTING WATER LINE	OHP	EXISTING OVERHEAD ELECTRIC	
	WATER LINE	OHP	OVERHEAD ELECTRIC	
$\otimes$	EXISTING WATER VALVE	— — UGP —	EX UNDERGROUND ELECT LINE	
×	WATER VALVE	UGP	UNDERGROUND ELECTRIC LINE	
*	POST INDICATOR VALVE		EXISTING TELEPHONE PEDESTAL	
\$	EXISTING WATER METER	$\overline{\mathcal{T}}$	EXISTING TELEPHONE MANHOLE	
@	WATER METER	OHT •	EX OVERHEAD TELEPHONE LINE	
=0=	EXISTING FIRE HYDRANT	OHT	OVERHEAD TELEPHONE LINE	
-	FIRE HYDRANT	UGŦ	EX UNDERGROUND TELEPHONE LIN	
•	WATER LINE REDUCER	UGT	UNDERGROUND TELEPHONE LINE	
	EX WATER LINE PLUG	OFO	EX OVERHEAD FIBER OPTIC LINE	
		OFO	OVERHEAD FIBER OPTIC LINE	
	WATER LINE CROSS	UFO •	EX UNDERGROUND FIBER OPTIC LIN	
I <sup>T</sup> I	WATER LINE TEE	UFO	UNDERGROUND FIBER OPTIC LINE	
$\checkmark$	FIRE DEPT CONNECTION	C	EX CABLE TV PEDESTAL	
0+	WATER SPIGOT	OCATV	EX OVERHEAD CABLE TV LINE	
	EXISTING WELL CASING	OCATV ——	OVERHEAD CABLE TV LINE	
NATURAL GAS		UCAT₩	EX UNDERGROUND CABLE TV	
	EXISTING GAS METER	UCATV ——	UNDERGROUND CABLE TV LINE	
•	EXISTING GAS VALVE		COMBINED POWER/CATV	
G	EXISTING GAS LINE	UG P/T/C	COMBINED POWER, TELE, CATV	
G	GAS LINE	UG P/T	COMBINED POWER, TELEPHONE	
		UG T/C	COMBINED TELEPHONE, CATV	

\_ \_ \_\_\_\_

UND CABLE TV CABLE TV LINE VER/CATV VER, TELE, CATV NER, TELEPHONE

# CITY OF CHARLOTTE, NORTH CAROLINA

#### OWNER: THE HOUSING AUTHORITY OF THE CITY OF CHARLOTTE 1301 SOUTH BOULEVARD CHARLOTTE, NC 28203 704.336.8332 CONTRACTOR: NEW BOULEVARD, LLC 1300 BAXTER STREET, SUITE 370 CHARLOTTE, NC 28204 704.561-5235 TIMMONS GROUP ENGINEER: 2030 SOUTH TRYON STREET, SUITE 3C CHARLOTTE, NC 28203 704.376.1073 PETITION NO: 2009-043 PARCEL NO: 1150420 ACREAGE: 40.66 AC EROSION CONTROL PLAN FOR THIS PROJECT WAS APPROVED BY NCDENR LAND QUALITY SECTION ON MARCH 22, 2013 (PROJECT ID: MECKL-2013-046)

SITE INFORMATION

THIS PROJECT DOES NOT REQUIRE REVIEW OR PERMITTING BY NCDOT BECAUSE NO WORK WILL BE PERFORMED WITHIN AN NCDOT OWNED AND MAINTAINED RIGHT OF WAY

# <u>SITE</u>

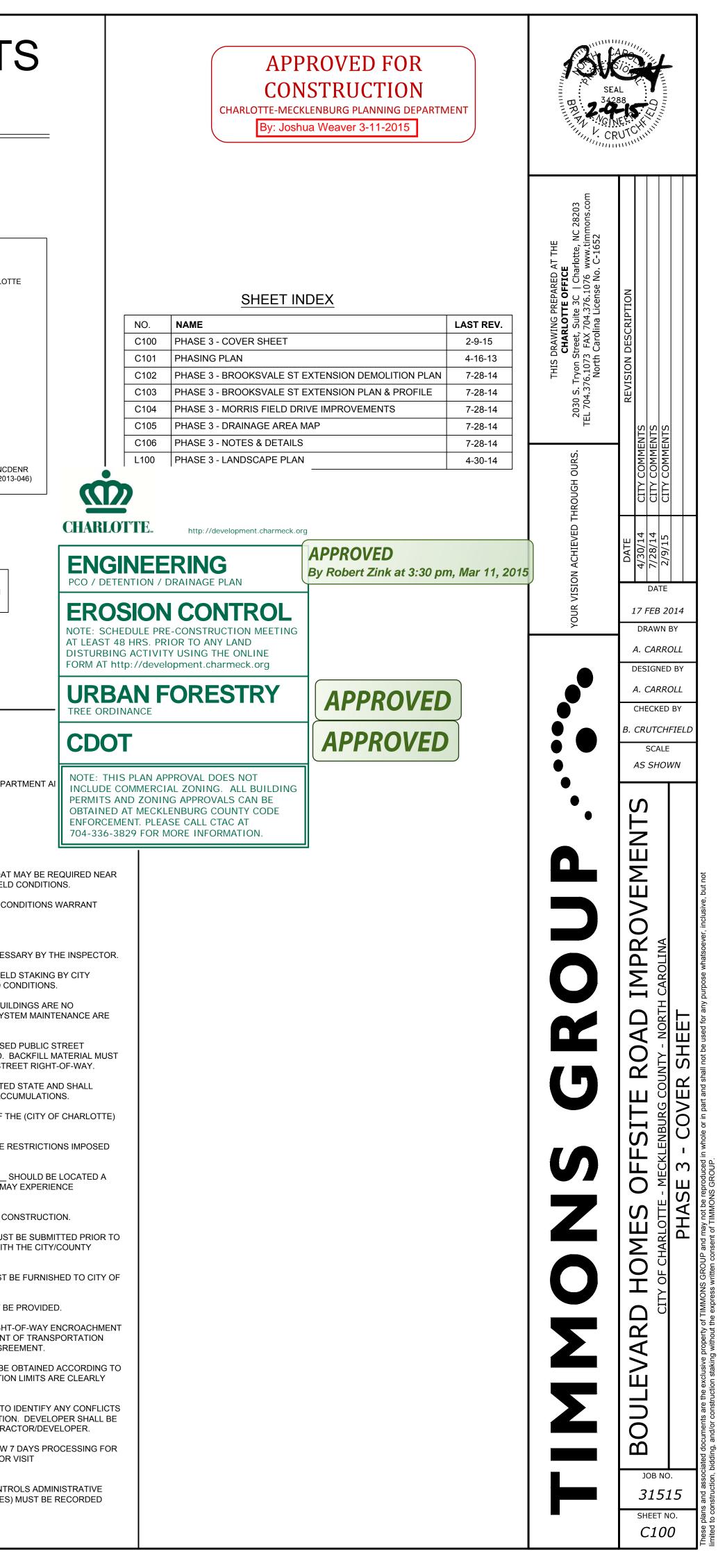
SITE	
	EXISTING STORM SEWER
	STORM SEWER
	EX DROP INLET
	DROP INLET & STRUCTURE NUMBER
$\bigcirc$	EXISTING STORM SEWER MANHOLE
Ø	STORM SEWER MANHOLE
۲	EXISTING ROOF DRAIN DOWNSPOUT
۲	ROOF DRAIN DOWNSPOUT
	EXISTING CURB
	CURB
==========	EXISTING CURB & GUTTER
	CURB & CUTTER
	PROPERTY LINE
	BENCH MARK
€ <sub>B-1</sub>	APPROX BORING LOCATION
	LIMITS OF CONSTRUCTION
uuuu	EXISTING TREE LINE
uuuu	CLEARING LIMITS
G	EXISTING SHRUB
	EXISTING TREE
XX	EXISTING FENCE
X	FENCE
<u> </u>	EXISTING CONTOUR
200	CONTOUR
× T/C 95.32 × EP 95.32 × 95.32	SPOT ELEVATION
	C/L SWALE
	EXISTING SIGN
<del>- 0 -</del>	SIGN
۲	BOLLARD
40	EXISTING FLAG POLE
$\odot$	PROPERTY MARKER FOUND / ROD FOUND
$\odot$	PIPE FOUND
•	MONUMENT FOUND
	LIMITS OF CONSTRUCTION

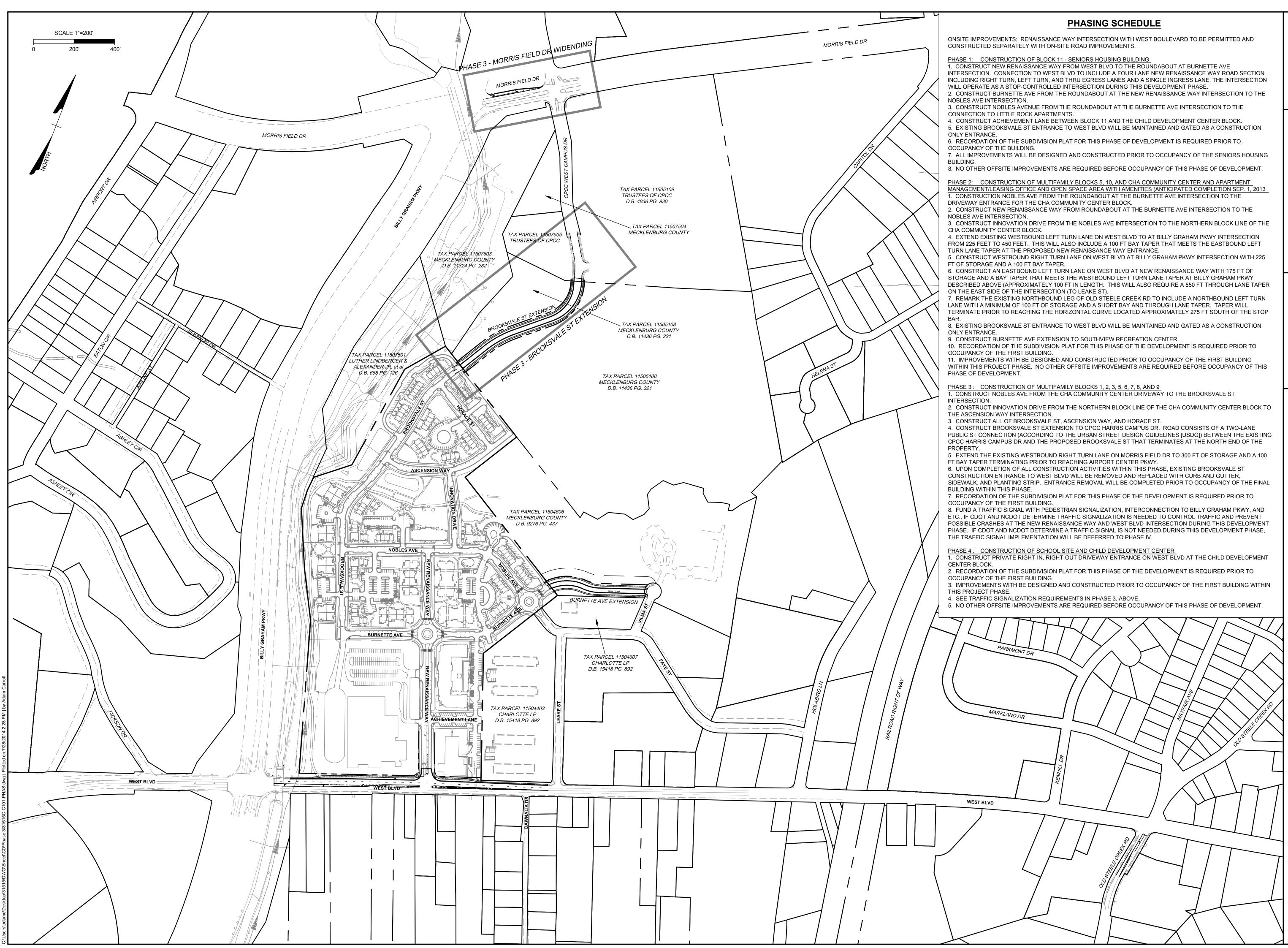
### **CITY OF CHARLOTTE SITE PLAN NOTES** 1. COORDINATE ALL CURB AND GUTTER GRADES IN INTERSECTION WITH INSPECTOR

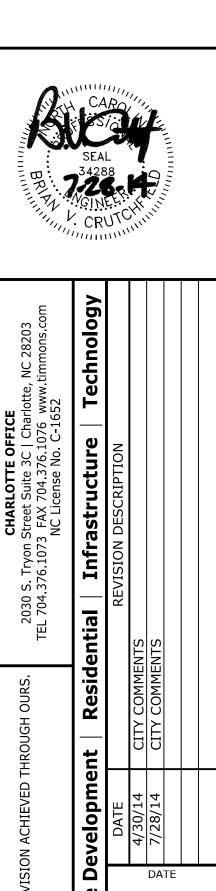
- 2. ALL ROAD IMPROVEMENTS ARE TO BE COORDINATED WITH THE CITY OF CHARLOTTE ENGINEERING DEPARTMENT A
- 3. DEVELOPER WILL PROVIDE STREET SIGNS PER CLDSM# 50.05 (9" SIGNS ONLY).
- 4. SIGHT TRIANGLES SHOWN ARE THE MINIMUM REQUIRED.

PRIOR TO CONSTRUCTION.

- 5. DIRECT VEHICULAR ACCESS TO \_\_\_\_\_ \_\_\_\_ FROM LOTS \_\_\_\_\_ IS PROHIBITED.
- 6. IN ROLLING AND HILLY TERRAINS, SWEEPING OF THE STONE BASE AND/OR APPLICATION OF A TACK COAT MAY BE REQUIRED NEAR INTERSECTIONS. THESE REQUIREMENTS WILL BE ESTABLISHED BY THE INSPECTOR AND BASED ON FIELD CONDITIONS.
- APPROVAL OF THIS PLAN IS NOT AN AUTHORIZATION TO GRADE ADJACENT PROPERTIES. WHEN FIELD CONDITIONS WARRANT OFF-SITE GRADING, PERMISSION MUST BE OBTAINED FROM AFFECTED PROPERTY OWNERS.
- 8. IN ORDER TO ENSURE PROPER DRAINAGE, KEEP A MINIMUM OF 0.5% SLOPE ON THE CURB.
- 9. SUBSURFACE DRAINAGE FACILITIES MAY BE REQUIRED IN THE STREET RIGHT-OF-WAY IF DEEMED NECESSARY BY THE INSPECTOR.
- 10. CURB AND GUTTER SHOWN ON PLANS ALONG ALL PUBLIC STREETS MAY BE ADJUSTED BASED UPON FIELD STAKING BY CITY ENGINEERING. ASSOCIATED STORM DRAINAGE MAY ALSO REQUIRE MODIFICATION BASED UPON FIELD CONDITIONS.
- 11. THE PURPOSE OF STORM DRAINAGE EASEMENT (SDE) IS TO PROVIDE STORM WATER CONVEYANCE. BUILDINGS ARE NO PERMITTED IN THE EASEMENT AREA. ANY OTHER OBJECTS WHICH IMPEDE STORM WATER FLOW OR SYSTEM MAINTENANCE ARE ALSO PROHIBITED.
- 12. HIGH-DENSITY POLYETHYLENE (HDPE) STORM DRAINAGE PIPE INSTALLED WITHIN EXISTING OR PROPOSED PUBLIC STREET RIGHT-OF-WAY MUST BE APPROVED BY THE CITY'S INSPECTOR PRIOR TO ANY BACKFILL BEING PLACED. BACKFILL MATERIAL MUST BE APPROVED BY THE CITY INSPECTOR PRIOR TO PLACEMENT OF THE MATERIAL WITHIN THE PUBLIC STREET RIGHT-OF-WAY.
- 13. THE DEVELOPER SHALL MAINTAIN EACH STREAM, CREEK, OR BACKWASH CHANNEL IN AN UNOBSTRUCTED STATE AND SHALL REMOVE FROM THE CHANNEL AND BANKS OF STREAM ALL DEBRIS, LOGS, TIMBER, JUNK, AND OTHER ACCUMULATIONS.
- 14. ANY BUILDING WITHIN THE 100+1 STORMWATER ELEVATION LINE IS SUBJECT TO THE RESTRICTIONS OF THE (CITY OF CHARLOTTE) SUBDIVISION ORDINANCE, SECTION 7.200.8.
- 15. ANY CONSTRUCTION OR USE WITHIN THE FUTURE CONDITIONS FLOOD FRINGE LINE IS SUBJECT TO THE RESTRICTIONS IMPOSED BY THE FLOODWAY REGULATIONS OF THE CITY OF CHARLOTTE AND MECKLENBURG COUNTY.
- 16. ALL OPENINGS (e.g. DOORS, WINDOWS, VENTS) IN STRUCTURES BUILT ON LOT #'S \_ MINIMUM OF ONE FOOT ABOVE THE ADJACENT FINISHED GROUND SURFACE (APPLIES TO LOTS WHICH MAY EXPERIENCE SIGNIFICANT OVERLAND FLOW NOT CONSIDERED IN THE 100+1 FLOOD ANALYSIS.)
- 17. PE SEALED SHOP DRAWINGS FOR RETAINING WALL MUST BE SUBMITTED TO CITY ENGINEER PRIOR TO CONSTRUCTION.
- 18. "AS-BUILT" DRAWINGS AND PLANS OF THE STORM DRAINAGE SYSTEM, INCLUDING DESIGN DITCHES, MUST BE SUBMITTED PRIOR TO SUBDIVISION FINAL INSPECTION TO THE CITY/COUNTY ENGINEERING DEPARTMENT IN ACCORDANCE WITH THE CITY/COUNTY SUBDIVISION ORDINANCE.
- 19. PRIOR TO INSTALLATION, PE SEALED SHOP DRAWINGS FOR UNDERGROUND DETENTION SYSTEMS MUST BE FURNISHED TO CITY OF CHARLOTTE ENGINEERING FOR APPROVAL.
- 20. PRIOR TO CO, SURVEYOR SEALED AS-BUILT DRAWINGS OF UNDERGROUND DETENTION SYSTEM MUST BE PROVIDED. 21. NON-STANDARD ITEMS (ie: PAVERS, IRRIGATION SYSTEMS, ETC.) IN THE RIGHT-OF-WAY REQUIRE A RIGHT-OF-WAY ENCROACHMENT AGREEMENT WITH THE CHARLOTTE DEPARTMENT OF TRANSPORTATION/NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
- BEFORE INSTALLATION. CONTACT LINDA POISSANT AT 704.336.2562 TO OBTAIN AN ENCROACHMENT AGREEMENT. 22. PRIOR TO PLAT RECORDATION, OFFISTE R/W AND/OR CONSTRUCTION EASEMENTS ARE REQUIRED TO BE OBTAINED ACCORDING TO THE GUIDELINES OF THE "OFFSITE R/W ACQUISITION PROCESS". THESE NEEDED R/W AND CONSTRUCTION LIMITS ARE CLEARLY SHOWN ON THE BOULEVARD HOMES OFFSITE IMPROVEMENTS PLAN.
- 23. THE DEVELOPER SHALL CONTACT THE DEPARTMENT OF TRANSPORTATION (GUS JORDI, 704.336.7086) TO IDENTIFY ANY CONFLICTS WITH TRAFFIC SIGNALIZATION EQUIPMENT. 60 - 90 DAYS WILL BE REQUIRED TO COORDINATE RELOCATION. DEVELOPER SHALL BE RESPONSIBLE FOR ALL RELATED RELOCATION COST AND/OR ANY REPAIR COST CAUSED BY THE CONTRACTOR/DEVELOPER.
- 24. CERTIFICATION AND STREET CUT PERMITS ARE REQUIRED FOR UTILITY CUTS ON CITY STREETS. ALLOW 7 DAYS PROCESSING FOR PERMIT. FOR INFORMATION CONTACT CHARLOTTE DEPARTMENT OF TRANSPORTATION (704.336.4025) OR VISIT http://www.charmeck.org/Departments/Transportation/Street+Maintenance/Home.htm
- 25. PER SECTION 18-175(e) OF THE CITY CODE AND SECTION 10.0 OF THE CITY'S POST CONSTRUCTION CONTROLS ADMINISTRATIVE MANUAL, ALL REQUIRED NATURAL AREAS AND/OR POST CONSTRUCTION CONTROLS EASEMENTS (PCCES) MUST BE RECORDED PRIOR TO THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY.







17 FEB 2014

DRAWN BY

A. CARROLL

DESIGNED BY

A. CARROLL

CHECKED BY

. CRUTCHFIELD

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