#### 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

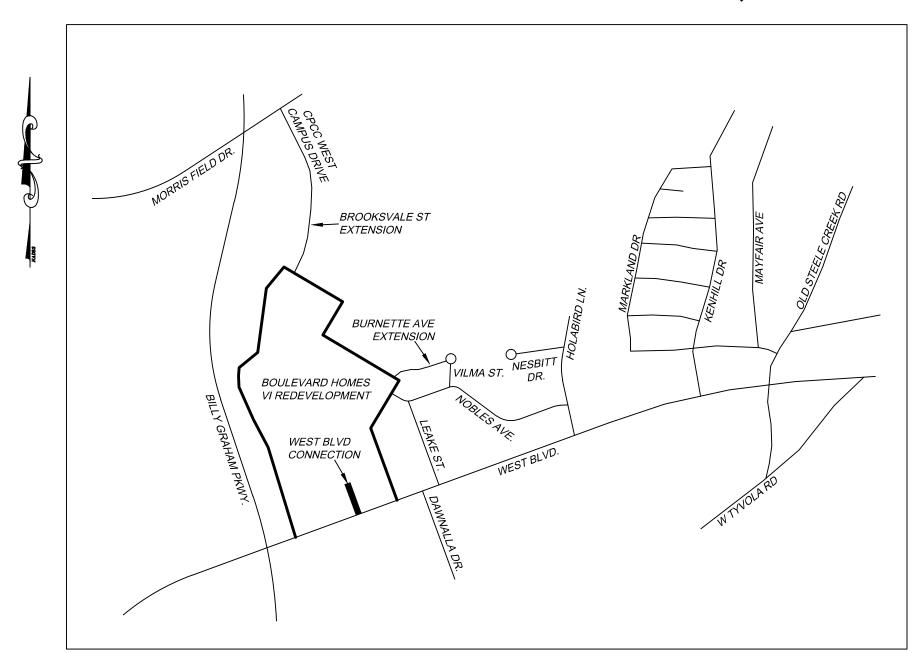
> STMH - STORM SEWER MANHOLE T - TELEPHONE TCM - TELECOMMUNICATIONS MANHOLE T/C - TOP OF CURB

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 1

#### CITY OF CHARLOTTE, NORTH CAROLINA



**VICINITY MAP** 

SITE INFORMATION 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 TIMMONS GROUP ENGINEER: 2030 SOUTH TRYON STREET, SUITE 3C CHARLOTTE, NC 28203 PETITION NO: 2009-043 PARCEL NO: ACREAGE: 40.66 AC

NO.

C100

C101

APPROVED FOR CONSTRUCTION CHARLOTTE-MECKLENBURG PLANNING DEPARTMENT By Brent Wilkinson April 29, 2013

SHEET INDEX

PHASE 1 - WEST BOULEVARD CONNECTION

NEW RENAISSANCE WAY ROAD PROFILE

INTERSECTION SIGHT DISTANCE PROFILE

**REZONING PLAN - TECHNICAL DATA SHEET** 

**REZONING PLAN - DEVELOPMENT NOTES** 

PHASE 1 - COVER SHEET

PHASE 1 - LANDSCAPE PLAN

**REZONING PLAN - SURVEY SHEET** 

REZONING PLAN - PHASING PLAN

PHASING PLAN

LAST REV.

4-4-12

4-4-12

4-4-12

11-30-12

11-30-12

10-11-12

10-11-12

10-11-12

10-10-12

CHARLOTTE

### SWM / DETENTION

## **EROSION CONTROL**

OR A PRE-CONSTRUCTION MEETING 48 HRS. PRIOR TO ANY LAND **DISTURBING ACTIVITY, CONTACT:** 

**DRAINAGE PLAN** 

TREE ORDINANCE

CDOT DRIVEWAYS

**NCDOT DRIVEWAYS** 

OTE: THIS PLAN APPROVAL DOES NOT INCLUD ONING. ALL BUILDING PERMITS AND ZONING APPROVALS CAN BE OBTAINED AT MECK. CO. ODE ENFORCEMENT. PLEASE CALL THE CTAC AT 704-336-3829 FOR MORE INFORMATION.

By Robert Zink at 1:22 pm, Apr 29, 2013

N/A Permitted by

**APPROVED** 

By Robert Zink at 1:22 pm, Apr 29, 201

**APPROVED** 

JOB NO. 31515

30 NOV 2012

**DRAWN BY** 

A. CARROLL

DESIGNED BY

A. CARROLL

CHECKED BY

. CRUTCHFIEL

SCALE

AS SHOWN

SHEET NO.

**LEGEND MISCELLANEOUS UTILITIES** EXISTING SANITARY SEWER **EXISTING LIGHT POLE**  SANITARY SEWER **EXISTING YARD LIGHT** EXISTING GROUND LIGHT SANITARY MANHOLE NUMBER LIGHT POLES EX SANITARY MANHOLE **EXISTING UTILITY POLE** SANITARY MANHOLE UTILITY POLE **EXISTING CLEAN OUT** EXISTING GUY WIRE CLEAN OUT EXISTING ELECTRIC METER EXISTING OVERHEAD ELECTRIC EXISTING WATER LINE OVERHEAD ELECTRIC WATER LINE — — UGP— — EX UNDERGROUND ELECT LINE **EXISTING WATER VALVE** — UGP——— UNDERGROUND ELECTRIC LINE WATER VALVE EXISTING TELEPHONE PEDESTAL POST INDICATOR VALVE EXISTING TELEPHONE MANHOLE EXISTING WATER METER EX OVERHEAD TELEPHONE LINE WATER METER OVERHEAD TELEPHONE LINE EXISTING FIRE HYDRANT EX UNDERGROUND TELEPHONE LINE FIRE HYDRANT — UNDERGROUND TELEPHONE LINE WATER LINE REDUCER EX WATER LINE PLUG OFO OVERHEAD FIBER OPTIC LINE WATER LINE PLUG EX UNDERGROUND FIBER OPTIC LINE — WATER LINE CROSS UNDERGROUND FIBER OPTIC LINE WATER LINE TEE EX CABLE TV PEDESTAL FIRE DEPT CONNECTION EX OVERHEAD CABLE TV LINE WATER SPIGOT OCATV OVERHEAD CABLE TV LINE EXISTING WELL CASING — — — UCATV— — EX UNDERGROUND CABLE TV **NATURAL GAS** —— UCATV ———— UNDERGROUND CABLE TV LINE **EXISTING GAS METER** ── UG P/C ────── COMBINED POWER/CATV EXISTING GAS VALVE **EXISTING GAS LINE** 

—— UG P/T ———— COMBINED POWER, TELEPHONE

UG T/C — COMBINED TELEPHONE, CATV

#### STORM SEWER DROP INLET & STRUCTURE NUMBER EXISTING STORM SEWER MANHOLE STORM SEWER MANHOLE EXISTING ROOF DRAIN DOWNSPOUT ROOF DRAIN DOWNSPOUT = - - EXISTING CURB CURB = = = = = = = = EXISTING CURB & GUTTER CURB & CUTTER PROPERTY LINE BENCH MARK APPROX BORING LOCATION LIMITS OF CONSTRUCTION EXISTING TREE LINE CLEARING LIMITS **EXISTING SHRUB EXISTING TREE** EXISTING FENCE — — 200 — — EXISTING CONTOUR T/C 95.32 EP 95.32 SPOT ELEVATION — · · · · — · · · · — C/L SWALE **EXISTING SIGN** SIGN BOLLARD EXISTING FLAG POLE PROPERTY MARKER FOUND / ROD FOUND PIPE FOUND MONUMENT FOUND ——————— LIMITS OF CONSTRUCTION

2. ALL ROAD IMPROVEMENTS ARE TO BE COORDINATED WITH THE CITY OF CHARLOTTE ENGINEERING DEPARTMENT AND NCDOT 3. DEVELOPER WILL PROVIDE STREET SIGNS PER CLDSM# 50.05 (9" SIGNS ONLY). 4. SIGHT TRIANGLES SHOWN ARE THE MINIMUM REQUIRED. DIRECT VEHICULAR ACCESS TO \_\_ FROM LOTS \_\_\_ 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. 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 \_ SIGNIFICANT OVERLAND FLOW NOT CONSIDERED IN THE 100+1 FLOOD ANALYSIS.) SUBDIVISION FINAL INSPECTION TO THE CITY/COUNTY ENGINEERING DEPARTMENT IN ACCORDANCE WITH THE CITY/COUNTY 19. PRIOR TO INSTALLATION, PE SEALED SHOP DRAWINGS FOR UNDERGROUND DETENTION SYSTEMS MUST BE FURNISHED TO CITY OF CHARLOTTE ENGINEERING FOR APPROVAL. BEFORE INSTALLATION. CONTACT LINDA POISSANT AT 704.336.2562 TO OBTAIN AN ENCROACHMENT AGREEMENT. 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 PERMIT. FOR INFORMATION CONTACT CHARLOTTE DEPARTMENT OF TRANSPORTATION (704.336.4025) OR VISIT http://www.charmeck.org/Departments/Transportation/Street+Maintenance/Home.htm

#### 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 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) 15. ANY CONSTRUCTION OR USE WITHIN THE FUTURE CONDITIONS FLOOD FRINGE LINE IS SUBJECT TO THE RESTRICTIONS IMPOSED SHOULD BE LOCATED A MINIMUM OF ONE FOOT ABOVE THE ADJACENT FINISHED GROUND SURFACE (APPLIES TO LOTS WHICH MAY EXPERIENCE 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

CITY OF CHARLOTTE SITE PLAN NOTES

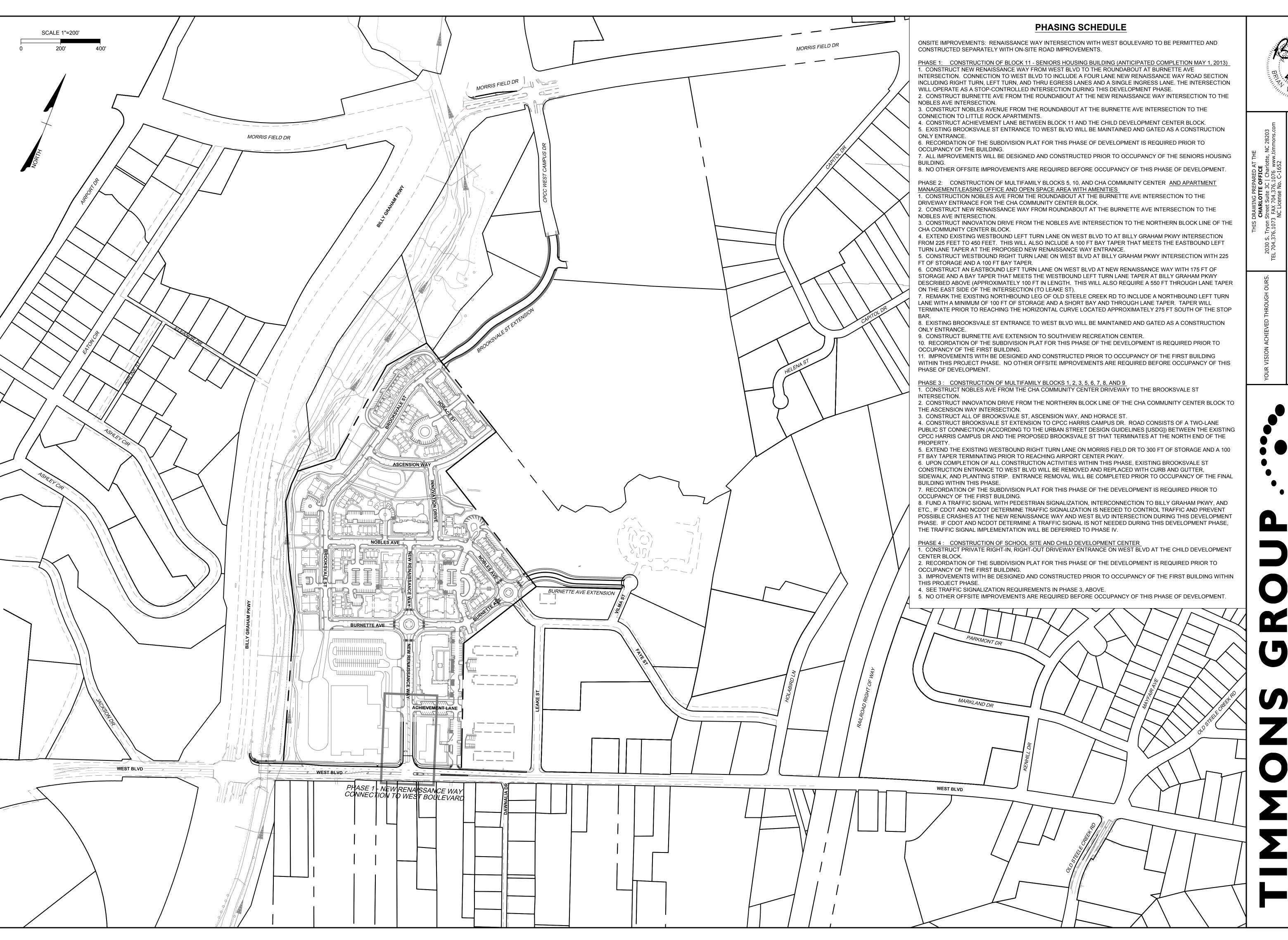
1. COORDINATE ALL CURB AND GUTTER GRADES IN INTERSECTION WITH INSPECTOR

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

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

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

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.





30 NOV 2012 DRAWN BY A. CARROLL **DESIGNED BY** 

A. CARROLL CHECKED BY

. CRUTCHFIELD SCALE

1'' = 200'

JOB NO.

31515 SHEET NO.