

LANTANA

CITY OF CHARLOTTE MECKLENBURG COUNTY, NC CITY OF CONCORD CABARRUS COUNTY, NC

EDISON SQUARE HOLDINGS L PIN#46706536000000 DB 10799, PG 87 ZONING: C-2 (CONCORD) WOODLEY WALLACE FARMS LLC PIN#46705510400000 DB 10309, PG 103 ZONING: OI (CABARRUS CO) 24 as noted on C3.0, By Stan Armstrong at 1:19 pm, May 03, 2016 C7.4 and C8.0 48 36

REVISION DATE

STIPULATION FOR REUSE

1 [MODIFICATION LOG					
	$\overline{\Lambda}$	2/9/16	REV.	PER	CITY	COMMENTS
	<u>A</u>	4/8/16	REV.	PER	CITY	COMMENTS
l t						

JOB NUMBER: C140032.4 CHECKED BY: DRAWN BY:

EIBM # C-3881 MERICAN FINGING FORTING FORTING Associates - Southeast, P.A. D. Center Dr. Suite 110

COVER SHEET

SHEET: 811 or 1-800-632-4949 Remote Ticket Entry nttp://nc811.org/remoteticketentry.

APPROVED FOR CONSTRUCTION By: Joshua Weaver 5-11-2016



FINAL APPROVAL

APPROVED

APPROVED

APPROVED

By mchapman at 3:05 pm, Apr 27, 2016

By Rick Grochoske at 5:41 pm, May 06, 2016

CHARLOTTE http://development.charmeck.org

ENGINEERING

PCO / DETENTION / DRAINAGE PLAN

EROSION CONTROL AT LEAST 48 HRS. PRIOR TO ANY LAND DISTURBING ACTIVITY USING THE ONLINE FORM AT http://development.charmeck.org

URBAN FORESTRY

CDOT

NOTE: THIS PLAN APPROVAL DOES NOT INCLUDE COMMERCIAL ZONING. ALL BUILDING PERMITS AND ZONING APPROVALS CAN BE OBTAINED AT MECKLENBURG COUNTY CODE ENFORCEMENT. PLEASE CALL CTAC AT 704-336-3829 FOR MORE INFORMATION.

CONTACTS:

DEVELOPER: SHEA HOMES 8008 CORPORATE CENTER DR, SUITE 300 CHARLOTTE, NC 28226 TELEPHONE: (704) 319-5000

CIVIL ENGINEER: BARRY M. FAY, PE AMERICAN ENGINEERING ASSOCIATES - SOUTHEAST, PA 8008 CORPORATE DRIVE SUITE 110 CHARLOTTE, NC 28226 561-914-0221 bfay@american—ea.com

NOTE:

1.) CONTRACTOR TO MAINTAIN RECORD DRAWINGS OF ALL CHANGES THROUGHOUT CONSTRUCTION. AFTER PROJECT COMPLETION THESE DRAWINGS SHALL BE TURNED OVER TO THE OWNER'S REPRESENTATIVE.

COVER SHEET ALTA SURVEY 04/08/16 EXISTING CONDITIONS/DEMOLITION PLAN 02/09/16 04/08/16 OVERALL SITE PLAN 04/08/16 04/08/16 SITE PLAN SHEET 4 OF 5 ELLENWOOD ROAD CROSS SECTIONS STORM DRAIN PROFILES STORM DRAIN PROFILES STORM DRAINAGE CHARTS 04/08/16 04/08/16 STORM DRAINAGE AREAS WATER QUALITY BMP PLAN - POND NO.1 04/08/16 WATER QUALITY BMP PLAN - POND NO.2 04/08/16 PLAN & PROFILE - WILDBROOK DRIVE 04/08/16 PLAN & PROFILE - WILDBROOK DRIVE 04/08/16 PLAN & PROFILE - WILD LANTANA LANE & JUNIPER BERRY LANE 04/08/16 PLAN & PROFILE - JUNIPER BERRY LANE 04/08/16 PLAN & PROFILE - CHERRY LANE 04/08/16 PLAN & PROFILE - SAMANTHA WAY 04/08/16 PLAN & PROFILE - CUL-DE-SAC CURB 04/08/16 EROSION AND SEDIMENT CONTROL PLAN - PHASE 1 OVERALL SHEET 04/08/16 EROSION AND SEDIMENT CONTROL PLAN - PHASE 1 SHEET 1 OF 5 04/08/16 EROSION AND SEDIMENT CONTROL PLAN - PHASE 1 SHEET 2 OF 5 04/08/16 EROSION AND SEDIMENT CONTROL PLAN - PHASE 1 SHEET 3 OF 5 04/08/16 EROSION AND SEDIMENT CONTROL PLAN - PHASE 1 SHEET 4 OF 5 04/08/16 EROSION AND SEDIMENT CONTROL PLAN - PHASE 1 SHEET 5 OF 5 04/08/16 EROSION AND SEDIMENT CONTROL PLAN - PHASE 2 OVERALL SHEET 04/08/16 EROSION AND SEDIMENT CONTROL PLAN - PHASE 2 SHEET 1 OF 5 04/08/16 EROSION AND SEDIMENT CONTROL PLAN — PHASE 2 SHEET 2 OF 5 EROSION AND SEDIMENT CONTROL PLAN — PHASE 2 SHEET 3 OF 5 04/08/16 04/08/16 EROSION AND SEDIMENT CONTROL PLAN - PHASE 2 SHEET 4 OF 5 04/08/16 EROSION AND SEDIMENT CONTROL PLAN - PHASE 2 SHEET 5 OF 5 04/08/16 EROSION CONTROL DETAILS 04/08/16 **EROSION CONTROL DETAILS** 04/08/16 04/08/16 **EROSION CONTROL DETAILS** TREE PRESERVATION AND PLANTING PLAN 04/08/16 04/08/16 TREE DETAILS SIGN PLAN C9.0 04/08/16

OF DRAWINGS

C10.0

C10.2

C10.3

C10.4

DETAILS - SITE

Carolina (North Carolina 811

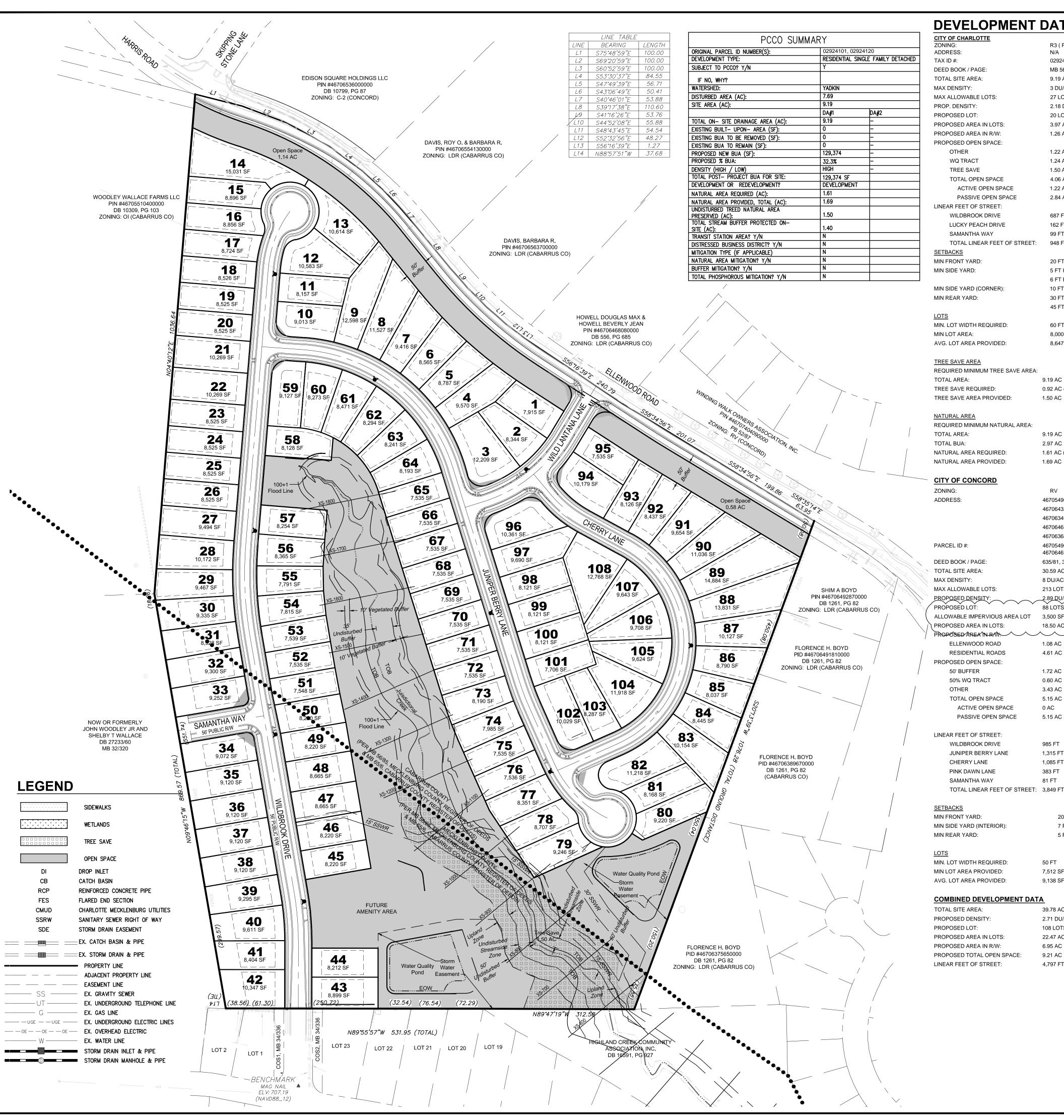
02/09/16

02/09/16

02/09/16

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02/09/16



KEY MAP DEVELOPMENT DATA SCALE: 1" = 500' R3 (PER TREE ORDINANCE INCENTIVE) 02924101, 02924120, and TRACT 8 SHEET C3.1 MB 56/85, 4257/547, & MB 56/85 9.19 AC 3 DU/AC 27 LOTS SHEET C3.3 2.18 DU/AC SHEET C3.2 20 LOTS 3.97 AC 1.26 AC 1.22 AC SHEET C3.5 1.24 AC SHEET C3.4 1.50 AC (16.3%) 4.06 AC ACTIVE OPEN SPACE 1.22 AC PASSIVE OPEN SPACE

2.84 AC Actual undisturbed tree 687 FT save area is 1.23 ac 162 FT 13.4%) due to sewer 99 FT nstallation; still can use 948 FT

TOTAL LINEAR FEET OF STREET: incentive. 20 FT FROM R/W (PER TREE ORDINANCE INCENTIVES) 5 FT INTERIOR (PER TREE ORDINANCE INCENTIVES) 6 FT EXTERNAL (PER TREE ORDINANCE INCENTIVES)

30 FT INTERIOR LOTS (PER TREE ORDINANCE INCENTIVES) 45 FT EXTERIOR LOTS

MIN. LOT WIDTH REQUIRED: 60 FT (PER TREE ORDINANCE INCENTIVES) 8,000 SF (PER TREE ORDINANCE INCENTIVES) AVG. LOT AREA PROVIDED: 8,647 SF

REQUIRED MINIMUM TREE SAVE AREA: 9.19 AC TREE SAVE REQUIRED: 0.92 AC (10%) TREE SAVE AREA PROVIDED: 1.50 AC

REQUIRED MINIMUM NATURAL AREA: 9.19 AC 2.97 AC

1.61 AC (17.5% X 9.19 AC) NATURAL AREA REQUIRED: NATURAL AREA PROVIDED: 1.69 AC

CITY OF CONCORD

46705496170000 - N/A 46706432750000 - 10727 ELLENWOOD ROAD 46706349590000 - 10629 ELLENWOOD ROAD 46706461640000 - 10633 ELLENWOOD ROAD 46706368200000 - 10625 ELLENWOOD ROAD 46705496170000, 46706432750000, 46706349590000, 46706461640000, & 46706368200000

635/81, 3609/175, 627/99, 2007E/87, & 799/104 30.59 AC 8 DU/AC 2.89 DU/AC

88 LOTS ALLOWABLE IMPERVIOUS AREA LOT 3,500 SF PROPOSED AREA IN LOTS: 18.50 AC PROPOSED AREA IN RAY: ELLENWOOD ROAD 1.08 AC RESIDENTIAL ROADS 4.61 AC PROPOSED OPEN SPACE:

1.72 AC 0.60 AC 50% WQ TRACT 3.43 AC TOTAL OPEN SPACE 5.15 AC ACTIVE OPEN SPACE 0 AC PASSIVE OPEN SPACE 5.15 AC

LINEAR FEET OF STREET: WILDBROOK DRIVE 985 FT 1,315 FT JUNIPER BERRY LANE CHERRY LANE 1,085 FT PINK DAWN LANE 383 FT SAMANTHA WAY 81 FT

20 FT 7 FT MIN SIDE YARD (INTERIOR) 5 FT

MIN. LOT WIDTH REQUIRED: 7,512 SF MIN LOT AREA PROVIDED: 9,138 SF

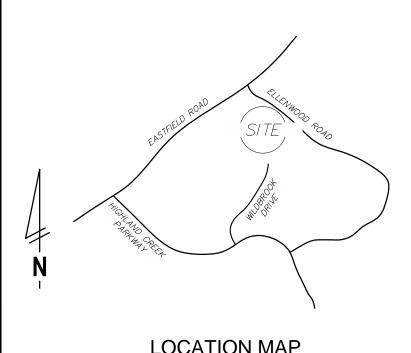
COMBINED DEVELOPMENT DATA 39.78 AC PROPOSED DENSITY 2.71 DU/AC 108 LOTS PROPOSED AREA IN LOTS: 22.47 AC 6.95 AC PROPOSED AREA IN R/W: PROPOSED TOTAL OPEN SPACE: 9.21 AC 4,797 FT

GRAPHIC SCALE

(IN FEET

1 inch = 100 ft.

FLOOD STUDY CROSS 100-YRW.S. 00+1 FLOOD PROTECTION ELEV (FT) ELEV (FT) XS-1800 697.51 698.51 XS-1700 695.28 696.28 694.01 XS-1600 693.01 XS-1500 690.65 689.65 688.08 XS-1400 687.08 XS-1300 683.64 684.64 683.42 XS-1200 682.42 XS-1100 679.69 680.69 XS-1000 676.09 677.09 XS-900 673.45 674.45 671.56 XS-800 670.56



LOCATION MAP

GENERAL SITE NOTES

BEFORE YOU DIG, STOP. CALL THE NC ONE-CALL CENTER AT 1-800-632-4949. IT'S THE LAW. EXISTING UTILITIES ARE SHOWN FROM THE BEST AVAILABLE INFORMATION AND ARE APPROXIMATE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THESE AND OTHER UTILITIES BEFORE STARTING CONSTRUCTION. NOTIFY UTILITY LOCATING COMPANY (ONE CALL @ 1-800-632-4949) OR INDIVIDUAL UTILITY OWNERS FOR UNDERGROUND LOCATIONS AT LEAST 48 HOURS IN ADVANCE.

2. CONTRACTOR SHALL CONTACT ALL OWNERS OF EASEMENTS, RIGHT-OF-WAYS AND UTILITIES, PUBLIC OR PRIVATE, BEFORE WORKING IN THESE AREAS.

CONTRACTOR SHALL PUT INTO PLACE SUCH TEMPORARY EROSION CONTROL MEASURES AS INDICATED ON THE PLANS. THESE MEASURES SHALL BE INSPECTED AND EVALUATED DURING CONSTRUCTION OPERATION FOR THEIR EFFECTIVENESS IN PREVENTING EROSION MATERIAL AND SEDIMENT FROM DISCHARGING FROM THE WORK AREA. IF REQUIRED, AND AS DIRECTED BY THE CITY INSPECTOR, ADDITIONAL TEMPORARY EROSION CONTROL MEASURES SHALL BE INSTITUTED AND INSTALLED.

4. ALL CONSTRUCTION WITHIN MECKLENBURG COUNTY SHALL BE COMPLETED IN ACCORDANCE WITH THE LATEST EDITION OF THE CHARLOTTE/MECKLENBURG LAND DEVELOPMENT STANDARDS MANUAL.

PER CITY OF CHARLOTTE SECTION 18-175(e) OF CITY CODE AND SECTION 10.0 OF THE CITY POST CONSTRUCTION CONTROLS ADMINISTRATIVE MANUAL, ALL REQUIRED NATURAL AREAS AND/OR POST CONSTRUCTION CONTROL EASEMENTS (PCCEs) MUST BE RECORDED PRIOR TO ISSUANCE OF THE CERTIFICATE OF OCCUPANCY.

8. PROTECT ALL PROPERTY MONUMENTS AND PINS. MONUMENTS AND PINS THAT WILL BE DISTURBED DURING CONSTRUCTION SHALL BE REFERENCED AND REPLACED BY A LICENSED LAND SURVEYOR.

CONTRACTOR SHALL MAINTAIN THE SITE IN A MANNER SUCH THAT WORKMEN AND THE PUBLIC WILL BE PROTECTED FROM INJURY, AND ADJOINING PROPERTY PROTECTED FROM DAMAGE.

10. CONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE UPON COMPLETION OF THE PROJECT AND AT LEAST ONCE A WEEK DURING CONSTRUCTION.

11. DEVELOPER WILL PROVIDE STREET SIGNS PER CLDSM#50.05 (9" SIGNS ONLY)

12. CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING ITEM AND/OR MATERIAL DUE TO CONSTRUCTION OPERATIONS. ALL STREET SURFACES, UTILITY POLES, CULVERTS, DITCHES, CURB AND GUTTER OR OTHER STRUCTURES THAT ARE DISTURBED OR DAMAGED IN ANY MANNER AS A RESULT OF CONSTRUCTION SHALL BE REPLACED OR REPAIRED BY THE CONTRACTOR IN ACCORDANCE WITH THE APPROPRIATE SPECIFICATIONS.

13. CONTRACTOR SHALL REMOVE DEBRIS FROM EXISTING CATCH AND CLEAN OUT EXISTING DRAIN PIPES. REPAIR AND REPLACE EXISTING CATCH BASING FRAME & GRATE AS NEEDED.

14. ALL LOT STRIPING AND DIRECTIONAL ARROWS TO BE PAINTED REFLECTIVE WHITE, TWO COATS.

15. ALL PAVING SHALL CONFORM WITH PAVING DETAIL ON SHEET C7.1.

16. IF DEPARTURES FROM THE DRAWINGS OR SPECIFICATIONS ARE DEEMED NECESSARY BY THE CONTRACTOR, DETAILS OF SUCH DEPARTURES AND REASONS THEREOF SHALL BE SUBMITTED IN WRITING TO THE OWNER FOR REVIEW. NO DEPARTURES FROM THE CONTRACT DOCUMENTS WILL BE ALLOWED WITHOUT APPROVAL BY THE

17. CONTRACTOR SHALL MAINTAIN AN "AS-BUILT" SET OF DRAWINGS TO RECORD THE EXACT LOCATION OF ALL PIPING AND PIPE INVERT ELEVATIONS PRIOR TO CONCEALMENT. DRAWINGS SHALL BE GIVEN TO THE OWNER UPON COMPLETION OF THE PROJECT.

18. ANY AND ALL QUANTITIES SHOWN OR IMPLIED ON THE PLANS ARE FOR ESTIMATION PURPOSES ONLY.

19. PRIOR TO ANY CONSTRUCTION ACTIVITIES, THE CONTRACTOR WILL NOTIFY THE SITE INSPECTOR AND THE URBAN FORESTER WITH THE CITY OF CHARLOTTE ENGINEERING AND PROPERTY MANAGEMENT DEPARTMENT.

20. THE CONTRACTOR WILL CONTACT CDOT RIGHT OF WAY MANAGEMENT AT 704-432-1562 TO OBTAIN A

OR VISIT http://www.charmeck.org/departments/transportation/street+maintenance/home.htm

RIGHT-OF-WAY USE PERMIT BEFORE BEGINNING WORK WITHIN THE RIGHT-OF-WAY. 21. 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)

22. TREES WITHIN THE STREET RIGHT-OF-WAY ARE PROTECTED BY LAW. A PERMIT IS REQUIRED FROM THE CITY ARBORIST AT 704-336-5753 PRIOR TO REMOVAL OF ANY RIGHT-OF-WAY TREES. ALL TREES OVER 8" IN DIAMETER AS MEASURED 4.5' ABOVE GROUND AND LOCATED WITHIN THE SETBACK ARE PROTECTED BY LAW.

CONTACT LAND DEVELOPMENT AT 704-336-6692 FOR REQUIRED PERMITS. 23. BUILDING DIMENSIONS SHOWN ARE APPROXIMATE. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT BUILDING

24. COORDINATE ALL CURB AND STREET GRADES IN INTERSECTION WITH INSPECTOR.

25. APPROVAL OF THIS PLAN IS NOT AN AUTHORIZATION TO GRADE ADJACENT PROPERTIES. WHEN FIELD CONDITIONS WARRANT OFF-SITE GRADING, PERMISSION MUST BE OBTAINED FROM THE AFFECTED PROPERTY OWNERS.

26. IN ORDER TO ENSURE PROPER DRAINAGE, KEEP A MINIMUM OF 0.5% SLOPE OF THE CURB.

28. NON-STANDARD ITEMS (I.E.: PAVERS, IRRIGATION SYSTEMS, ETC.) IN THE RIGHT-OF-WAY REQUIRE A RIGHT-OF-WAY ENCROACHMENT AGREEMENT WITH THE CHARLOTTE DEPARTMENT OF TRANSPORTATION/NORTH

27. SUBSURFACE DRAINAGE FACILITIES MAY BE REQUIRED IN THE STREET RIGHT-OF-WAY IF DEEMED NECESSARY BY

CAROLINA DEPARTMENT OF TRANSPORTATION BEFORE INSTALLATION. 29. ALL PAVEMENT MARKINGS ARE TO BE MAINTAINED BY THE DEVELOPER/PROPERTY OWNER.

25. SITE TRIANGLES SHOWN ARE THE MINIMUM REQUIRED.

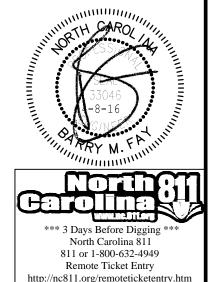
26. THE DEVELOPER SHALL CONTACT THE CHARLOTTE DEPARTMENT OF TRANSPORTATION (GUS JORDI, 704-336-7086) TO IDENTIFY ANY CONFLICTS WITH TRAFFIC SIGNALIZATION EQUIPMENT. 60-90 DAYS WILL BE REQUIRED TO COORDINATE RELOCATION. DEVELOPER SHALL BE RESPONSIBLE FOR ALL RELATED RELOCATION COST AND/OR ANY REPAIR COST CAUSED BY THE CONTRACTOR/DEVELOPER.

27. AREAS OF SEVERE ASPHALT DISREPAIR WILL BE REMOVE TO TOP OF SUBBASE AND PATCHED PRIOR TO OVERLAY.

28. THERE WILL BE NO DEMOLITION LANDFILL ON SITE.

29. THE ESTIMATED COMPLETION IS DECEMBER 2017.

XS-700 669.83 670.83



STIPULATION FOR REUSE THIS DRAWING WAS PREPARED FOR US

ON A SPECIFIC SITE, HUNTERSVILLE, I
CONTEMPORANEOUSLY WITH ITS ISSUE DATE ON 9/24/15. AND IT IS NOT DATE ON 9/24/15. AND IT IS NOT SUITABLE FOR USE ON A DIFFERENT PROJECT SITE OR AT A LATER TIME. USE OF THIS DRAWING FOR REFERENCE OR EXAMPLE ON ANOTHER PROJECT REQUIRES THE SERVICES OF PROPERLY LICENSED ARCHITECTS AND ENGINEERS. REPRODUCTION OF THIS DRAWING FOR REUSE ON ANOTHER PROJECT IS NOT ALITHOPIZED AND MAY BE CONTRARY TO AUTHORIZED AND MAY BE CONTRARY

MODIFICATION LOG 2/9/16 REV. PER CITY COMMENTS 2 4/8/16 REV. PER CITY COMMENTS

> JOB NUMBER: C140032.4 CHECKED BY: DRAWN BY: 11-3-1

> > **EIBM # C-3881** •

OVERALL

SHEET: