

CRAMER'S POND

CHARLOTTE, NORTH CAROLINA

GENERAL NOTES:

1. ALL WORK AND MATERIALS SHALL CONFORM TO THE LATEST EDITION OF THE CHARLOTTE LAND DEVELOPMENT STANDARDS MANUAL (CLDSM).

2. ALL WORK AND MATERIALS SHALL CONFORM TO THE LATEST EDITION OF THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION (NCDOT) STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES UNLESS OTHERWISE SPECIFIED IN THE CHARLOTTE LAND DEVELOPMENT

3. LAND DEVELOPMENT ENGINEER SHALL BE GIVEN 48 HOURS NOTICE PRIOR TO CONSTRUCTION. 4. SIGHT TRIANGLES SHOWN ARE THE MINIMUM REQUIRED. FURTHER REQUIREMENTS MAY BE MADE BY THE CITY OF CHARLOTTE DEPARTMENT OF TRANSPORTATION (CDOT).

5. 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 CAROLINA DEPARTMENT OF TRANSPORTATION BEFORE INSTALLATION. FOR CITY OF CHARLOTTE MAINTAINED STREETS, CONTACT CDOT AT (704) 336-3888.

6. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3600 P.S.I. AT 28 DAYS AND SHALL COMPLY WITH SECTION 1000 OF THE NCDOT STANDARD SPECIFICATIONS.

7. ALL CONCRETE SHALL BE CURED WITH 100% RESIN BASE, WHITE PIGMENTED CURING COMPOUND WHICH MEETS A.S.T.M. SPECIFICATIONS C-309, TYPE 1, APPLIED AT ONE GALLON TO 400 SF WITHIN 24 HOURS OF PLACEMENT OF CONCRETE.

8. ALL CURB AND GUTTER SHALL BE BACKFILLED WITH SOIL APPROVED BY THE INSPECTOR 48 HOURS AFTER CONSTRUCTION TO PREVENT EROSION.

9. ALL BACKFILL SHALL BE NON-PLASTIC IN NATURE, FREE FROM ROOTS, VEGETATIVE MATTER, WASTE, CONSTRUCTION MATERIAL, OR OTHER OBJECTIONABLE MATERIAL. SIAD MATERIAL SHALL BE CAPABLE OF BEING COMPACTED BY MECHANICAL MEANS AND THE MATERIAL SHALL HAVE

10. ALL SUBGRADE FOR ROADS SHALL BE COMPACTED TO 100% OF THE MAXIMUM DENSITY OBTAINABLE WITH THE STANDARD PROCTER TEST.

NO TENDENCY TO FLOW OR BEHAVE IN A PLASTIC MANNER UNDER THE TAMPING BLOWS OR

11. ALL TESTS SHALL BE PERFORMED BY THE DEVELOPER AT NO COST TO THE CITY.

12. CONTRACTOR SHALL MAINTAIN TWO WAY TRAFFIC AT ALL TIMES WHEN WORKING WITHIN EXISTING STREETS. THE CONTRACTOR SHALL PLACE AND MAINTAIN SIGNS, DANGER LIGHTS, BARRICADES, AND FURNISH WATCHMEN OR FLAGMEN TO DIRECT TRAFFIC IN ACCORDANCE WITH THE WORK AREA TRAFFIC CONTROL HANDBOOK (W.A.T.C.H.).

13. SIDEWALKS SHALL BE CONSTRUCTED OF NOT LESS THAN 3600 PSI CONCRETE AND SHALL BE FOUR (4) INCHES THICK, CONSTRUCTED ON AN ADEQUATELY GRADED BASE, EXCEPT WHERE A SIDEWALK CROSSES A DRIVEWAY IT SHALL BE SIX (6) INCHES THICK.

14. SUBGRADE FOR SIDEWALKS SHALL BE COMPACTED TO 95% OF THE MAXIMUM DENSITY OBTAINABLE WITH THE STANDARD PROCTER TEST. THE SURFACE OF THE SIDEWALK SHALL BE COMPOUND. TOOLED JOINTS SHALL BE PROVIDED AT AN INTERVAL NOT LESS THAN FIVE (5) FEET AND EXPANSION JOINTS AT INTERVALS NOT MORE THAN 45 FEET. THE SIDEWALK SHALL HAVE A LATERAL SLOPE OF 1/4" PER FOOT.

15. THE ELEVATION OF THE SIDEWALK SHALL BE RELATED TO THE ELEVATION OF THE CROWN OF THE ADJACENT ROADWAY. THE SIDEWALK SHALL BE NO LESS THAN SIX (6) INCHES OR MORE THAN 18 INCHES ABOVE THE ROADWAY CROWN, EXCEPT THAT THE CROSSWALK ELEVATIONS SHALL BE PROPERLY RELATED TO THE EXISTING OR PROPOSED ROADWAY CURB.

16. IN ROLLY 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 BASED ON FIELD CONDITIONS.

17. UTILITY INSTALLATIONS MAY ONLY CROSS BUFFER AREAS AT INTERIOR ANGLES MEASURED AT PROPERTY LINES WHICH ARE NOT LESS THAN 75 DEGREES AND, TO THE EXTENT POSSIBLE, PATHS CLEARED FOR SUCH UTILITY LINES SHALL BE REPLANTED WITH PLANT MATERIALS FROM THE ORDINANCES APPROVED PLANT LIST.

18. NO BUILDINGS, PARKING SPACES OR MANEUVERING AREAS MAY BE LOCATED WITHIN ANY

19. THE DEVELOPER SHALL MAKE A DILIGENT EFFORT TO PRESERVE AREAS OF REQUIRED BUFFERS WHERE SIGNIFICANT VEGETATION EXISTS. THESE AREAS SHALL REMAIN UNDISTURBED EXCEPT TO THE EXTENT NECESSARY TO ACCOMMODATE THE ABOVE ITEMS OF THIS SECTION.

20. UNDER DRAINAGE SHALL BE PROVIDED AS DIRECTED BY GEO-TECHNICAL ENGINEER. DETERMINATION SHALL BE MADE IN THE FIELD. DRAINS TO BE INSTALLED PER CLDSM STD

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

WHICH IMPEDE STORM WATER FLOW OR SYSTEM MAINTENANCE ARE ALSO PROHIBITED.

22. "AS-BUILT" DRAWINGS AND PLANS OF THE STORM DRAINAGE SYSTEM, INCLUDING DESIGNED DITCHES, MUST BE SUBMITTED PRIOR TO SUBDIVISION FINAL INSPECTION TO THE CITY

ENGINEERING DEPARTMENT IN ACCORDANCE WITH THE CITY SUBDIVISION ORDINANCE. 23. THE PURPOSE OF THE STORM DRAINAGE EASEMENT (SDE) IS TO PROVIDE STORM WATER CONVEYANCE. BUILDINGS ARE NOT PERMITTED IN THE EASEMENT AREA. ANY OTHER OBJECTS

24. ALL ROAD IMPROVEMENTS ON FORT STREET, COUNTRY CLUB LANE, & MATHESON AVENUE ARE TO BE COORDINATED WITH THE CITY OF CHARLOTTE ENGINEERING DEPARTMENT PRIOR TO

25. CONTACT THE UTILITY COMPANY TO RELOCATE ANY EXISTING UTILITY POLES. ALL EXISTING FACILITIES WHICH CONFLICT WITH THE IMPROVEMENTS UNDER THE SCOPE OF THIS PROJECT MUST BE RELOCATED AT THE EXPENSE OF THE APPLICANT.

26. ALL DEVELOPMENT CREATING A TOTAL 20,000 SQUARE FEET OF IMPERVIOUS AREA SINCE SEPTEMBER 1978 WILL REQUIRE STORM DRAINAGE DETENTION.

27. TREES WITHIN THE STREET RIGHT-OF-WAY ARE PROTECTED BY LAW. PERMIT REQUIRED FOR REMOVAL BY CITY OF CHARLOTTE LANDSCAPE MANAGEMENT AT 704-336-4262. ALL TREES OVER 8-INCHES IN DIAMETER (4.5-FT ABOVE GROUND) IN SETBACK AREA ARE

PROTECTED BY LAW. PERMIT REQUIRED FOR REMOVAL BY CITY ENGINEERING AT

28. PE SEALED SHOP DRAWINGS FOR RETAINING WALL MUST BE SUBMITTED TO CITY ENGINEER

29. 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

30. 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

31. PER SECTION 18-175(E) OF 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.

32. DIRECT VEHICULAR ACCESS IS PROHIBITED TO FORT STREET FROM LOTS 8-9, 21-22, 24-26. DIRECT VEHICULAR ACCESS IS PROHIBITED TO COUNTRY CLUB LANE FROM LOTS 1,

33. ANY WORK WITHIN THE CITY'S R/W THAT REQUIRES CLOSURE OF THE SIDEWALK OR TRAVEL LANE MUST BE APPROVED BY CDOT AND WILL REQUIRE A R/W USE PERMIT OR R/W LEASE DEPENDING UPON THE PROPOSED DURATION OF CLOSURE. THESE APPROVALS ARE IN ADDITION TO SITE APPROVALS AND SHOULD BE COORDINATED WITH CDOT PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CONTACT CDOT AT (704) 432-1562 AT LEAST 5 BUSINESS DAYS PRIOR TO BEGINNING WORK FOR IMPACTS LESS THAN 30 DAYS. CONTRACTOR SHALL CONTACT CDOT AT (704) 336-8348 AS SOON AS POSSIBLE FOR IMPACTS GREATER THAN 30 DAYS. EVERY EFFORT SHALL BE MADE TO CONSTRUCT IMPROVEMENTS WITH MINIMAL IMPACT TO DRIVERS AND

34. CONSTRUCTION STAGING WITHIN CITY R/W LASTING MORE THAN 30 DAYS REQUIRES A R/W LEASE AGREEMENT. CONTRACTOR SHALL CONTACT CDOT AT (704) 336-8348.

35. RIGHT-OF-WAY CLOSURES LONGER THAN 30 DAYS REQUIRE A R/W LEASE AGREEMENT WHICH WILL INCLUDE THE SUBMITTAL OF A TRAFFIC CONTROL PLAN. TRAFFIC CONTROL PLANS REQUIRED THROUGH A LEASE AGREEMENT MAY BE DIFFERENT FROM THE ONE REQUIRED DURING THE LAND DEVELOPMENT PLAN REVIEW AND ARE SUBJECT TO REVISIONS. THE REVISED TRAFFIC CONTROL PLANS MUST BE SUBMITTED AS PART OF THE LEASE AGREEMENT PROCESS FOR APPROVAL PRIOR TO START OF R/W CLOSURES. CONTRACTOR SHALL CONTACT CDOT AT (704)

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

37. ALL ROAD IMPROVEMENTS AT FORT STREET ARE TO BE COORDINATED WITH THE CITY OF CHARLOTTE ENGINEERING DEPARTMENT PRIOR TO CONSTRUCTION.

38. THE PURPOSE OF THE STORM DRAINAGE EASEMENT (SDE) IS TO PROVIDE STORM WATER CONVEYANCE. BUILDINGS ARE NOT PERMITTED IN THE EASEMENT AREA. ANY OTHER OBJECTS WHICH IMPEDE STORM WATER FLOW OR SYSTEM MAINTENANCE ARE ALSO PROHIBITED.

39. 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

40. NO DEMOLITION LANDFILL WILL BE ALLOWED ON SITE. ESTIMATED START DATE IS JUNE 2016. ESTIMATED FINISH DATE IS MARCH 2018.

INSPECTOR PRIOR TO PLACEMENT OF THE MATERIAL WITHIN THE PUBLIC STREET

41. DEVELOPER TO CONTACT CDOT (ANTHONY MENDEZ: 704-336-4971) DURING SITE PLAN PREPARATION TO DISCUSS STREET LIGHTING REQUIREMENTS. IF ANY. FOR THIS PROJECT. COORDINATE WITH DUKE ENERGY AND CDOT AS NECESSARY TO DETERMINE LIGHTING LEVELS, LIGHTING LAYOUT AND REQUIREMENTS FOR INSTALLATION.

CONTACT INFORMATION

COUNTRY CLUB LANE, LLC CONTACT: FRED CALIGIURI

ADDRESS: 7400 CARMEL EXECUTIVE PARK DRIVE CHARLOTTE, NC 28226

PHONE: (704) 541-9151 CIVIL ENGINEER & LANDSCAPE ARCHITECT:

URBAN DESIGN PARTNERS CONTACT: BRIAN D. SMITH, PE ADDRESS: 1318-E6 CENTRAL AVENUE CHARLOTTE, NC 28205

PHONE: 704-334-3303 FAX: 704-334-3305

SHEET INDEX

C-1.0 COVER SHEET

EXISTING CONDITIONS

SITE PLAN

COMMON OPEN SPACE AND TREE SAVE PLAN

GRADING & STORM DRAINAGE PLAN

DETAIL GRADING - CUL-DE-SACS

ROAD PROFILE - CRAMER POND DRIVE

ROAD PROFILE - MAYMONT PLACE ROAD PROFILE - FORT STREET

ROAD PROFILE - TINKHAM COURT

POND 1 PLAN & DETAILS

POND 2 PLAN & DETAILS BMP DETAILS

DRAINAGE AREA MAP - STORM DRAINAGE UTILITY PLAN

SITE DETAILS & SPECIFICATIONS

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EROSION CONTROL PLAN - PHASE I & DEMOLITION PLAN

EROSION CONTROL PLAN - PHASE II

EROSION CONTROL DETAILS

EROSION CONTROL DETAILS

EROSION CONTROL DETAILS

INTERSECTION SIGHT DISTANCE - CRAMER POND DRIVE-COUNTRY CLUB LANE

INTERSECTION SIGHT DISTANCE - MAYMONT PLACE-COUNTRY CLUB LANE

INTERSECTION SIGHT DISTANCE - CRAMER POND DRIVE-FORT STREET

INTERSECTION SIGHT DISTANCE - MAYMONT PLACE-FORT STREET

_____ LS-1.0 LANDSCAPE PLAN

LS-1.1 LANDSCAPE ENLARGEMENT

LS-2.0 LANDSCAPE DETAILS & NOTES



FINAL **APPROVAL**

ENGINEERING

EROSION CONTROL

URBAN FORESTRY

CDOT

APPROVED FOR

CONSTRUCTION

By: Joshua Weaver 12-20-2017

NOTE: SCHEDULE PRE-CONSTRUCTION MEETING AT LEAST 48 HRS. PRIOR TO ANY LAND DISTURBING ACTIVITY USING THE ONLINE

ORM FOUND AT http://charlottenc.gov/ld

APPROVED

By Emily Chien at 11:35 am, Dec 20, 2017

APPROVED By Carlos Alzate at 2:12 pm, Dec 19, 2017



URBAN

DESIGN

PARTNERS

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urbandesignpartners.com

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