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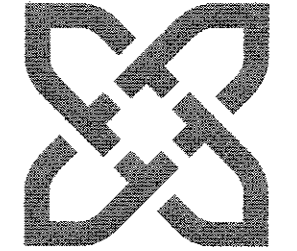
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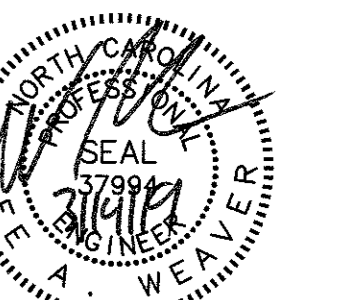
CLIENT

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FEENTON



TOWN OF CARY PROJECT # 19-DP-5300
CARY, NORTH CAROLINA, 27511



REVISIONS

PLAN INFORMATION

PROJECT NO. CDG-15000
FILENAME CDG15000-N1
CHECKED BY LAW
DRAWN BY CJJ
SCALE N/A
DATE 03. 14. 2019
SHEET

PROJECT NOTES
C-2

APPROVED by the Town of Cary
Development Review Committee



By: Kevin A. Hales
03/22/2019

FINAL DRAWING - RELEASED FOR CONSTRUCTION

CONSTRUCTION SEQUENCE -- STAGE 1

- 1. REQUEST PRE-CONSTRUCTION MEETING WITH TOWN OF CARY EROSION CONTROL OFFICER.
2. INSTALL TREE PROTECTION FENCE AT FINAL LOCATIONS SHOWN. CALL THE TOWN OF CARY TO INSPECT TREE PROTECTION FENCE. TREE PROTECTION FENCING MUST BE INSTALLED AND INSPECTED BY THE TOWN OF CARY SITE INSPECTOR PRIOR TO A GRADING PERMIT BEING ISSUED.
3. ATTEND PRE-CONSTRUCTION MEETING WITH TOWN OF CARY EROSION CONTROL OFFICER.
4. OBTAIN GRADING PERMIT.
5. INSTALL SILT FENCE WITH OUTLETS AT ALL LOW POINTS, EVEN THOSE NOT SHOWN ON THE PLANS.
6. INSTALL CONSTRUCTION ENTRANCES AND TEMPORARY INLET PROTECTION ON EXISTING STRUCTURES
7. INSTALL DIVERSION DITCHES, HDPE PIPE FOR CONSTRUCTION ENTRANCE AND EXIT ACCESS AND SEDIMENT BASINS AS SHOWN ON THE STAGE 1 PLANS. CONTRACTOR SHALL CLEAR ONLY AS NECESSARY FOR CONSTRUCTION EQUIPMENT TO ACCESS AND INSTALL THE TEMPORARY EROSION CONTROL DEVICES. MAKE SURE THAT DIVERSION CHANNELS ARE INSTALLED TO ASSURE RUNOFF IS COLLECTED BY THE SEDIMENT TRAPPING DEVICES. NO CLEARING SHALL OCCUR OUTSIDE OF THE LIMITS OF CONSTRUCTION SHOWN UNLESS PRIOR APPROVAL IS OBTAINED FROM THE TOWN OF CARY EROSION CONTROL OFFICER.
8. INSTALL ALL REMAINING EROSION CONTROL MEASURES AS SHOWN TO PREVENT EROSION AND SEDIMENTATION FROM OCCURRING WHEN DEMOLITION COMMENCES.
9. OBTAIN CERTIFICATE OF COMPLIANCE THROUGH ON-SITE INSPECTION BY TOWN OF CARY EROSION CONTROL OFFICER.
10. PROCEED WITH DEMOLITION AND CLEARING AS SHOWN ON THE STAGE 1 PLANS ONCE SITE IS FULLY SET FOR EROSION CONTROL.
11. ALL EROSION AND SEDIMENTATION CONTROL PRACTICES SHALL BE CHECKED BY CONTRACTOR FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF-PRODUCING RAINFALL BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS SHALL BE MADE IMMEDIATELY TO MAINTAIN ALL PRACTICES AS DESIGNED.
12. CLEAN SEDIMENT BASINS WHEN ONE-HALF FULL.
13. ALL AREAS AND SLOPES DISTURBED DURING CONSTRUCTION AND EXPOSED SHALL BE STABILIZED WITH TEMPORARY SEEDING AND MULCHING WITHIN 14 CALENDAR DAYS, FOLLOWING COMPLETION OF ANY PHASE OF GRADING OR PERIOD OF INACTIVITY. PERMANENT GROUND COVER IS TO BE ESTABLISHED FOR ALL DISTURBED AREAS WITHIN 14 CALENDAR DAYS, FOLLOWING COMPLETION OF CONSTRUCTION, COMPLETION OF GRADING OR PERIOD OF INACTIVITY. PERMANENT SEEDING, MULCHING AND GROUND COVER SHALL BE APPLIED TO THE SITE FOLLOWING COMPLETION OF CONSTRUCTION. HIGH QUALITY WATER (HWQ) ZONES AND PERIMETER DIKES, SWALES, DITCHES, AND SLOPES SHALL BE STABILIZED WITH TEMPORARY SEEDING AND MULCHING WITHIN 7 CALENDAR DAYS.
14. MAINTAIN SOIL EROSION CONTROL MEASURES UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
15. WITH APPROVAL FROM TOWN OF CARY EROSION CONTROL OFFICER MOVE TO EROSION CONTROL PLAN STAGE 2.

CONSTRUCTION SEQUENCE -- STAGE 2

- 1. PENDING STAGE 1 IS COMPLETE CONTINUE WITH STAGE 2.
2. PROCEED WITH GENERAL MASS GRADING
3. ADJUST TEMPORARY DIVERSION DITCHES AS GRADES ARE CHANGED AS SHOWN ON STAGE 2 PLANS.
4. SEE NOTE ON PLAN SHEET FOR SLOPES BETWEEN SB-1/SB-2 AND WALNUT CREEK. CONTRACTOR TO ENSURE POSITIVE DRAINAGE TOWARDS SB-1/SB-2 BY FILLING FROM THE WESTERN SIDE OF THE SLOPE, AND DIRECTING STORMWATER INTO THE DIVERSION DITCHES.
5. MAINTAIN DEVICES AS NEEDED. ROUGH GRADE SITE. STORE TOPSOIL AT THE LOCATION INDICATED ON THE PLAN. STABILIZE TOPSOIL WITH SEED AND MULCH AND INSTALL SILT FENCE AROUND ENTIRE PILE.
6. ALL EROSION AND SEDIMENTATION CONTROL PRACTICES SHALL BE CHECKED BY CONTRACTOR FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF-PRODUCING RAINFALL BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS SHALL BE MADE IMMEDIATELY TO MAINTAIN ALL PRACTICES AS DESIGNED.
7. CLEAN SEDIMENT BASIN WHEN ONE-HALF FULL.
8. ALL AREAS AND SLOPES DISTURBED DURING CONSTRUCTION AND EXPOSED SHALL BE STABILIZED WITH TEMPORARY SEEDING AND MULCHING WITHIN 14 CALENDAR DAYS, FOLLOWING COMPLETION OF ANY PHASE OF GRADING OR PERIOD OF INACTIVITY. PERMANENT GROUND COVER IS TO BE ESTABLISHED FOR ALL DISTURBED AREAS WITHIN 14 CALENDAR DAYS, FOLLOWING COMPLETION OF CONSTRUCTION, COMPLETION OF GRADING OR PERIOD OF INACTIVITY. PERMANENT SEEDING, MULCHING AND GROUND COVER SHALL BE APPLIED TO THE SITE FOLLOWING COMPLETION OF CONSTRUCTION. HIGH QUALITY WATER (HWQ) ZONES AND PERIMETER DIKES, SWALES, DITCHES, AND SLOPES SHALL BE STABILIZED WITH TEMPORARY SEEDING AND MULCHING WITHIN 7 CALENDAR DAYS.
9. REQUEST FINAL APPROVAL BY TOWN OF CARY EROSION CONTROL OFFICER.

Table with 3 columns: SITE AREA DESCRIPTION, STABILIZATION TIME FRAME, STABILIZATION TIME FRAME EXCEPTIONS. Includes rows for Perimeter Dikes, Swales, Ditches and Slopes; High Quality Water (HWQ) Zones; Slopes Steeper Than 3:1; Slopes 3:1 or Flatter; All Other Areas with Slopes.

TOWN OF CARY
GRADING/EROSION CONTROL NOTES:

- 1. TEMPORARY AND PERMANENT EC MEASURES SHALL BE PROVIDED FOR ALL LAND DISTURBING WORK IN ACCORDANCE WITH AN EC PLAN APPROVED BY THE TOWN.
2. ALL PERMANENT EC MEASURES SHALL BE INCORPORATED INTO THE WORK AT THE EARLIEST PRACTICAL TIME.
3. ALL TEMP MEASURES SHALL BE MAINTAINED BY CONTRACTOR UNTIL THE PERMANENT MEASURES HAVE TAKEN EFFECT OR APPROVED BY THE EROSION CONTROL OFFICER.
4. TO MINIMIZE DAMAGE TO EXISTING TREES NEAR THE INTERIOR EDGE OF BUFFERS AND STREETSCAPES, THE CONTRACTOR SHALL CUT MINIMUM 2' TRENCHES ALONG THE LIMITS OF DISTURBANCE, SO ASTO CUT, RATHER THAN TEAR, ROOTS.
5. THE TREE PROTECTION FENCE SHALL BE MAINTAINED ON THE SITE UNTIL ALL SITE WORK IS COMPLETED AND THE FINAL SITE INSPECTION PRIOR TO THE CERTIFICATE OF OCCUPANCY (CO) IS SCHEDULED. THE FENCING SHALL BE REMOVED PRIOR TO FINAL INSPECTION FOR THE CO.
6. A PRE-CONSTRUCTION CONFERENCE SHALL BE SCHEDULED AND TREE PROTECTION FENCE INSTALLED BEFORE THE GRADING/LAND DISTURBANCE PERMIT IS ISSUED.
7. STREETS IN FRONT OF THE PROJECT WILL BE KEPT CLEAN AT ALL TIMES OR A WASH STATION WILL BE REQUIRED.
8. TREE PROTECTION FENCING ON THIS PROJECT WILL BE INSTALLED AND INSPECTED BEFORE THE GRADING PERMIT IS ISSUED.
9. SITE IS LOCATED WITHIN THE WALNUT CREEK WATERSHED.
10. PERMANENT GROUND COVER MUST BE ESTABLISHED WITHIN 14 WORKING DAYS OR 30 CALENDAR DAYS, WHICHEVER IS SHORTER.
11. A GRADING PERMIT WILL NOT BE ISSUED UNTIL THE TOWN OF CARY HAS RECEIVED NOTIFICATION FROM THE ECOSYSTEMS ENHANCEMENT PROGRAM THAT A RECEIPT HAS BEEN ISSUED TO THE DEVELOPER AND THE LOCAL GOVERNMENT STATING THE NITROGEN BUY DOWN HAS BEEN COMPLETED.
12. THIS PROJECT WILL MEET ALL THE REQUIREMENTS RELATIVE TO BEST MANAGEMENT PRACTICES AND ENGINEERED STORMWATER CONTROL STRUCTURES AS OUTLINED IN THE TOWN OF CARY LAND DEVELOPMENT ORDINANCE (CHAPTER 4, PART 4.6, LDO)
13. ALL STORM DRAIN FRAMES, GRATES & HOODS SHALL BE STAMPED WITH "DRAINS TO THE RIVER" IN ACCORDANCE WITH TOWN OF CARY STANDARDS.
14. TOTAL DISTURBED AREA = 70.03 AC.
15. ALL SLOPES 2.0 H : 1.0 V OR GREATER SHALL BE STABILIZED WITH PERMANENT SLOPE RETENTION DEVICES OR SUITABLE COMBINATION OF PLANTINGS AND RETENTION DEVICES. ALL SLOPES GREATER THAN 3.0 H : 1.0 V WILL REQUIRE BIODEGRADABLE EROSION CONTROL MATTING WITH A MINIMUM 2 YEAR LIFE. THESE SLOPES SHALL NOT BE STABILIZED WITH TURF GRASS BUT MUST BE STABILIZED WITH VEGETATION THAT REQUIRES MINIMAL MAINTENANCE. WEEPING LOVE GRASS, RED FESCUE OR OTHER APPROVED VARIETY. (CH 7, PART 2, SECTION 4(G) OF LDO)
16. FOR NPDES PERMIT COMPLIANCE: ALL SLOPES 3:1 AND STEEPER MUST BE STABILIZED WITHIN 7 DAYS, ALL OTHER AREAS MUST BE STABILIZED WITHIN 14 DAYS. SEE TABLE BELOW.
17. THIS PHASE IS NOT LOCATED WITHIN A REGULATED FLOOD PLAIN.
18. SEDIMENT BASIN RISER AND BARREL MATERIALS MUST BE ON SITE BEFORE GRADING PERMIT CAN BE ISSUED.
19. LEVEL SPREADERS ON THE PROJECT MUST BE LOCATED ON COMMON OPEN SPACE, HAVE AN ACCESS AND MAINTENANCE EASEMENTS LOCATED AROUND THEM AND INCLUDE AN OPERATIONS AND MAINTENANCE MANUAL AND A MAINTENANCE AGREEMENT.
20. ALL SIDEWALKS SHALL BE GRADED TO INCLUDE A MINIMUM 2" SHOULDER, UNLESS NOTED OTHERWISE ON GRADING PLAN. CROSS-SLOPES OF ALL SIDEWALKS SHALL NOT EXCEED 1/4" PER FOOT.
21. CONSTRUCTION ENTRANCES MUST BE MODIFIED TO ACHIEVE ADA COMPLIANCE WHERE APPLICABLE

SEEDBED PREPARATION

- 1. CHISEL COMPACTED AREAS AND SPREAD TOPSOIL 3 INCHES DEEP OVER ADVERSE SOIL CONDITIONS, IF AVAILABLE.
2. RIP THE ENTIRE AREA TO 6 INCHES DEPTH.
3. REMOVE ALL LOOSE ROCK, ROOTS, AND OTHER OBSTRUCTIONS LEAVING SURFACE REASONABLY SMOOTH AND UNIFORM.
4. PER ONE TIME ONLY, APPLY AGRICULTURAL LIME, FERTILIZER, AND SUPERPHOSPHATE UNIFORMLY AND MIX WITH SOIL.
5. CONTINUE TILLAGE UNTIL A WELL-PULVERIZED, FIRM REASONABLY UNIFORM SEEDBED IS PREPARED 4 TO 6 INCHES DEEP.
6. SEED ON A FRESHLY PREPARED SEEDBED AND COVER. MULCH IMMEDIATELY AFTER SEEDING AND ANCHOR MULCH.
7. INSPECT ALL SEEDED AREAS AND MAKE NECESSARY REPAIRS OR RESEEDINGS WITHIN THE PLANTING SEASON, IF POSSIBLE. AFTER PERMANENT COVER IS ESTABLISHED.
8. CONSULT CONSERVATION INSPECTOR ON MAINTENANCE TREATMENT

TEMPORARY SEEDING SCHEDULE

Table with 3 columns: SEEDING DATE, SEEDING MIXTURE, APPLICATION RATE. Includes rows for RYE (GRAIN), KOBE LESPEDEZA, GERMAN MILLET, RYE (GRAIN).

SOIL AMENDMENTS

FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 LB/AC GROUND AGRICULTURE LIMESTONE AND 750 LB/AC 10-10-10 FERTILIZER (FROM AUG 15 - DEC 30, INCREASE 10-10-10 FERTILIZER TO 1000 LB/AC).

MULCH

APPLY 4000 LB/AC STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

MAINTENANCE

JAN 1 - AUG 15: REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, REFERTILIZE, AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.
AUG 15 - DEC 30: REPAIR AND REFERTILIZE DAMAGED AREAS IMMEDIATELY. TOP DRESS WITH 50 LB/AC OF NITROGEN IN MARCH. IF IT IS NECESSARY TO EXTEND TEMPORARY COVER BEYOND JUNE 15, OVERSEED WITH 50 LB/AC KOBE LESPEDEZA IN LATE FEBRUARY OR EARLY MARCH.

NOTE: USE THE TEMPORARY SEEDING SCHEDULE ONLY WHEN DATE IS NOT CORRECT TO USE THE PERMANENT SEEDING SCHEDULE.

PERMANENT SEEDING SCHEDULE

Table with 3 columns: SEEDING DATE, SEEDING MIXTURE, APPLICATION RATE. Includes rows for AUG 25 - OCT (BEST), TALL FESCUE, FEB - APR 15 (POSSIBLE).

SOIL AMENDMENTS

FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 4,000 LB/AC GROUND AGRICULTURE LIMESTONE AND 1000 LB/AC 10-10-10 FERTILIZER.

MULCH

APPLY 4000 LB/AC STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

MAINTENANCE

INSPECT AND REPAIR MULCH FREQUENTLY. REFERTILIZE IN LATE WINTER OF THE FOLLOWING YEAR; USE SOIL TESTS OR APPLY 150 LB/AC 10-10-10 FERTILIZER. MOW REGULARLY TO A HEIGHT OF 2-4 INCHES.

GENERAL NOTES:

- 1. MINIMUM CORNER CLEARANCES FROM THE CURBLINE OF INTERSECTING STREETS SHALL BE AT LEAST 20' FROM THE POINT OF TANGENCY. NO DRIVEWAYS OR PARKING SPACES SHALL ENCRUSH ON THIS MINIMUM CORNER CLEARANCE.
2. WITHIN THE SIGHT DISTANCE TRIANGLES SHOWN, NO OBSTRUCTION BETWEEN 2' AND 8' IN HEIGHT ABOVE THE CURB LINE ELEVATION SHALL BE LOCATED IN WHOLE OR IN PART. OBSTRUCTIONS INCLUDE BUT ARE NOT LIMITED TO ANY BERM, FOLIAGE, FENCE, WALL, SIGN, OR PARKED VEHICLE.
3. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST TOWN OF CARY AND NCDOT STANDARDS AND SPECIFICATIONS.
4. ALL DIMENSIONS SHOWN ON SITE PLAN ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
5. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS; FINAL RULE 29CFR PART 1926, SUBPART "P" APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH. EXCAVATION EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRES THE DESIGN OF A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER, PROVIDED BY CONTRACTOR RESPONSIBLE FOR EXCAVATION.
6. EQUIPMENT AND PRODUCTS OTHER THAN THOSE SPECIFIED MAY BE USED PROVIDED APPROVAL HAS BEEN OBTAINED FROM THE OWNER IN WRITING PRIOR TO ORDERING OR INSTALLATION. THE CONTRACTOR SHALL WAIVE ANY CLAIM FOR ADDITIONAL COST RELATED TO THE SUBSTITUTION OF ALTERNATE EQUIPMENT.
7. CONTRACTOR SHALL MAINTAIN AN "AS-BUILT" SET OF DRAWINGS TO RECORD THE EXACT LOCATION OF ALL PIPING PRIOR TO CONCEALMENT. DRAWINGS SHALL BE GIVEN TO THE OWNER UPON COMPLETION OF THE PROJECT WITH A COPY OF THE TRANSMITTAL LETTER TO THE ENGINEER.
8. EXISTING IMPROVEMENTS SLATED TO REMAIN THAT ARE DAMAGED DURING CONSTRUCTION SHALL BE REPLACED/RESTORED TO THEIR ORIGINAL CONDITION OR TO THE SATISFACTION OF THE OWNER BY THE CONTRACTOR RESPONSIBLE FOR THE DAMAGE.
9. SOIL UNDER BUILDINGS AND PAVED AREAS SHALL BE COMPACTED TO STANDARD PROCTOR MAXIMUM DRY DENSITY OR AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER.
10. THE CONTRACTOR SHALL NOTE THAT THE DRAWINGS MAY NOT SHOW EVERY OFFSET, TRANSITION, FITTING, ETC. THAT MAY BE REQUIRED. THE CONTRACTOR SHALL INSTALL SUCH STANDARD APPURTENANCES AS REQUIRED TO CLOSELY FOLLOW THE GRADES AND ALIGNMENTS DEPICTED ON THE PLANS.
11. CONTRACTOR SHALL NOTIFY "NORTH CAROLINA ONE CALL" (811) AT LEAST 48 HOURS PRIOR TO STARTING CONSTRUCTION OR EXCAVATION TO HAVE EXISTING UTILITIES LOCATED. CONTRACTOR TO CONTACT ANY LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATOR SERVICES INDEPENDENT OF "NORTH CAROLINA ONE CALL". REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.
12. CONTRACTOR IS RESPONSIBLE FOR COORDINATING CONSTRUCTION ACTIVITIES WITH THE APPROPRIATE UTILITY COMPANIES FOR ANY REQUIRED RELOCATION (I.E. POWER POLES, TELEPHONE PEDESTALS, WATER METERS, ETC.).
13. EXISTING UTILITIES SHOWN ARE BASED ON FIELD SURVEYS AND THE BEST AVAILABLE RECORD DRAWINGS. THE CONTRACTOR SHALL VERIFY CONDITIONS PRIOR TO BEGINNING CONSTRUCTION. ANY DISCREPANCIES BETWEEN ACTUAL FIELD CONDITIONS AND THE PLANS SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
14. PRIOR TO STARTING CONSTRUCTION, THE GENERAL CONTRACTOR SHALL HOLD A PRE-CONSTRUCTION CONFERENCE.
15. ALL DIMENSIONS AND GRADES SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE OWNER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO CONTRACTOR FOR ANY WORK DONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
16. THE DEVELOPER WILL BE RESPONSIBLE FOR ALL INSTALLATION COSTS ASSOCIATED WITH STREET LIGHTING ALONG PROPOSED STREETS, ADJACENT STREETS AND THOROUGHFARES AS REQUIRED PER TOWN OF CARY POLICY STATEMENT NO. 13. THE DEVELOPER SHALL CONTACT DUKE-PROGRESS AFTER PLAN APPROVAL AND PRIOR TO CONSTRUCTION IN ORDER TO DEVELOP A STREET LIGHTING PLAN FOR THE SITE/SUBDIVISION PLAN.
17. SEPARATE BUILDING PERMITS ARE REQUIRED FOR RETAINING WALLS, BOARDWALKS, BRIDGES, DUMPSTER ENCLOSURES, MONUMENTS, SIGNS, OR OTHER ACCESSORY STRUCTURES OR ELEMENTS. CONTACT THE INSPECTIONS AND PERMITS DEPARTMENT PLAN REVIEW DIVISION AT (919) 469-4043.
18. ALL ACCESSIBLE RAMPS SHALL HAVE DETECTABLE WARNING SURFACES AS SHOWN ON NCDOT DETAIL 848.05.
19. FIRE LANES SHALL BE INSTALLED PER TOWN OF CARY STANDARD 3050-D (THERMOPLASTIC PAINT REQUIRED).
20. THE SITE SHALL BE STABILIZED AND SEEDDED PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.
21. SIGN PERMITTING IS A SEPARATE APPROVAL PROCESS AND HAS NOT BEEN REVIEWED OR APPROVED WITH THIS SITE PLAN.
22. ALL REGULATORY SIGNS SHALL USE PRISMATIC SHEETING THAT MEETS MINIMUM RETROREFLECTIVITY STANDARDS FOUND IN THE LATEST EDITION OF THE MUTCD.
23. ALL STREET NAME SIGNS SHALL ADHERE TO THE 2009 MUTCD REQUIREMENTS RELATED TO COLOR, LETTER CASE AND LETTER HEIGHTS.
24. THE MINIMUM HEIGHT FROM GROUND TO BOTTOM OF SIGNS IS 7 FEET.
25. NEW CURB RAMPS MUST MEET THE CURRENT NC BUILDING CODE AND ICC/ANSI A117.1-2009 FOR SLOPE (MAX 1:12), LENGTH (6 FEET WITHOUT HANDRAILS), WIDTH (48"), AND A 4'x4' LANDING NOT EXCEEDING 2% SLOPE AT THE TOP OF THE RAMP. LANDINGS SHOULD BE MARKED AND SPOT ELEVATIONS PROVIDED.
26. FINAL SPILL CURB LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR.
27. GRADING CONTRACTOR SHALL REFERENCE ARCHITECTURAL PLANS FOR SLAB SUBGRADE REQUIREMENTS FOR EACH BUILDING PAD.
28. DESIGN MEETS ALL CURRENT TOWN OF CARY STANDARDS AND DETAILS EXCEPT WHERE SPECIFICALLY NOTED BELOW.
A. ANGLED PARKING DIMENSION.
B. PAVEMENT SECTIONS.
29. THE DEVELOPER WILL BE RESPONSIBLE FOR ALL INSTALLATION COSTS ASSOCIATED WITH STREET LIGHTING ALONG PROPOSED STREETS, ADJACENT STREETS, AND THOROUGHFARES AS REQUIRED BY TOWN OF CARY POLICY STATEMENT #13. THE DEVELOPER SHALL CONTACT DUKES PROGRESS ENERGY AFTER PLAN APPROVAL AND PRIOR TO CONSTRUCTION IN ORDER TO DEVELOP A STREET LIGHTING PLAN FOR THE SITE/SUBDIVISION PLANS.
30. EXISTING PEDESTRIAN FACILITIES ALONG DAVIS DRIVE AND AIRPORT BOULEVARD NOT TO BE IMPACTED OR CLOSED DURING CONSTRUCTION. IF FACILITIES WERE TO BE AFFECTED, AN ALTERNATE ADA ROUTE WILL BE PROVIDED.

MAINTENANCE PLAN

- 1. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF-PRODUCING RAINFALL BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS WILL BE MADE IMMEDIATELY TO MAINTAIN ALL MEASURES AS DESIGNED.
2. SEDIMENT BASINS SHALL BE INSPECTED REGULARLY DURING LAND DISTURBING ACTIVITIES AND AFTER EACH RUNOFF-PRODUCING RAINFALL. SEDIMENT SHALL BE REMOVED AND THE BASIN RESTORED TO ITS ORIGINAL DIMENSIONS WHEN SEDIMENT HAS ACCUMULATED TO ONE-HALF THE DESIGN DEPTH OF EACH BASIN. PORTIONS OF THE BASIN'S GRAVEL FACING THAT ARE CONTAMINATED BY SEDIMENT SHALL BE REPLACED WITH FRESH GRAVEL DURING EACH SEDIMENT REMOVAL EPISODE.
3. SILT FENCES SHALL BE INSPECTED AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. REPAIRS SHALL BE MADE IMMEDIATELY. SEDIMENT DEPOSITS SHALL BE REMOVED AS NEEDED TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAINFALL EVENT, AND TO REDUCE PRESSURE ON THE FENCE. FENCING MATERIALS AND SEDIMENT DEPOSITS SHALL BE REMOVED, AND THE AREA BROUGHT TO GRADE FOLLOWING STABILIZATION OF UPGRADATED DISTURBED AREAS.
4. DIVERSION DITCHES MUST REMAIN IN PLACE UNTIL PROJECT IS STABILIZED.

Sediment Basin SB-1 Summary table with columns for parameter and value. Includes Drainage Area (22.23), Disturbed Area (16.17), Flow Q25 (92.9), Bottom Elevation (428), Sediment Depth (3.5), etc.

Sediment Basin SB-2 Summary table with columns for parameter and value. Includes Drainage Area (13.37), Disturbed Area (13.37), Flow Q25 (61.1), Bottom Elevation (454), Sediment Depth (3.5), etc.

Sediment Basin SB-3 Summary table with columns for parameter and value. Includes Drainage Area (7.40), Disturbed Area (7.40), Flow Q25 (38.4), Bottom Elevation (424), Sediment Depth (3), etc.

Sediment Basin SB-4 Summary table with columns for parameter and value. Includes Drainage Area (9.50), Disturbed Area (9.50), Flow Q25 (43.4), Bottom Elevation (440), Sediment Depth (3), etc.

Sediment Basin SB-5 Summary table with columns for parameter and value. Includes Drainage Area (11.85), Disturbed Area (11.85), Flow Q25 (54.2), Bottom Elevation (444), Sediment Depth (3), etc.

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