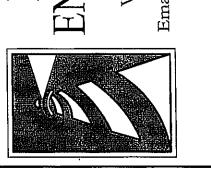
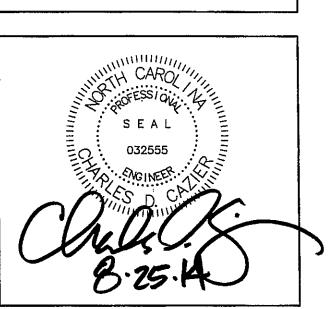


VICINITY MAP (NOT TO SCALE):

REVISIONS

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CLIENT INFORMATION:

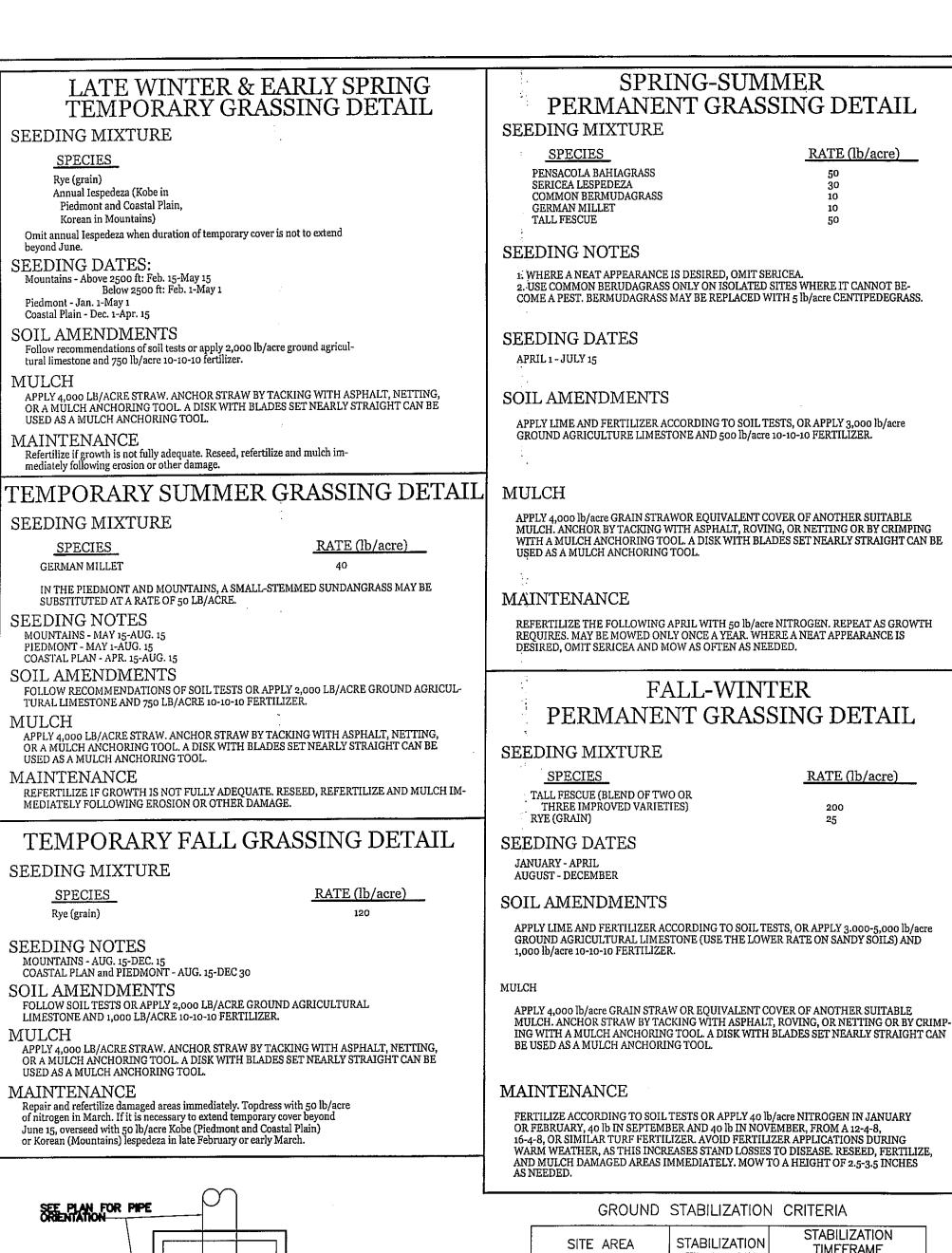
NEWCO, LLC 6315 BOATHOUSE RD WILMINGTON, NC 28403 910-202-8555 RECEIVED

AUG **26** 2014

PLANNING DIVION CDC | SHEET SIZE: CDC DATE: CHECKED: CDC | SCALE: 1" = 20' APPROVED: PROJECT NUMBER: 2014-013

DRAWING NUMBER:

C-1



CONC. COLLAR-

BRICK MASONRY

DROP INLET

TRUE IN THE TO HAVE SAND.

DETAIL

COARSE AGGREGATE -

- GEO FABRIC LINER

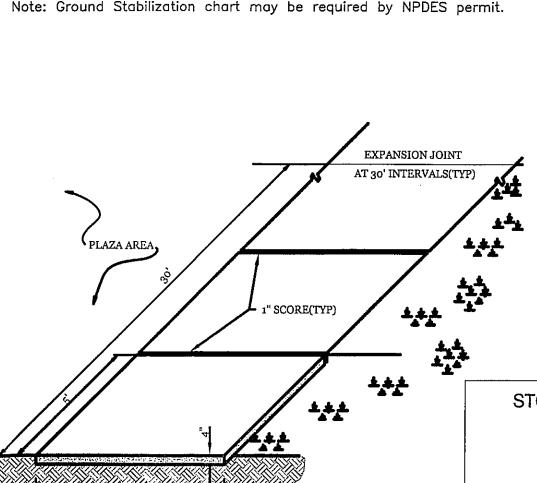
NOTE: CONSTRUCTION ENTRANCE TO BE 12' OR ENTIRE WIDTH OF ENTRANCE. WHICHEVER IS GREATER.

TEMPORARY GRAVEL

NTS

CONSTRUCTION ENTRANCE

TIMEFRAME DESCRIPTION **TIMEFRAME EXCEPTIONS** \* Perimeter dikes, swales, ditches 7 Days None and slopes \* High Quality 7 Days Water (HQW) None Zones f slopes are 10' or less in length and Slopes Steeper are not steeper than than 3:1 2:1, 14 days are 7-days for slopes \* Slopes 3:1 or greater than 50 ft. flatter in length \* All other areas with slopes flatter 14 Days (except for perimeters than 4:1 \_& HQW Zones) Note: Ground Stabilization chart may be required by NPDES permit.



STANDARD SIDEWALK DETAIL SD 8-15 NTS

PLAN **APPROVED** CITY OF WILMINGTON **ENGINEERING DEPARTMENT** DATE \_\_\_\_\_ PERMIT #

Approved Construction Plan Public Utilities

12" BORDER CURB 6" CONCRETE | SIDEWALK PLAZA 6" DRIVEWAY APRON 16'-0" MIN EXISTING PAVEMENT SECTION A-A RESIDENTIAL DRIVEWAY WITH NO CURB DETAIL SD 8-05

SITE WORK NOTES: THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS BOTH ON AND ADJACENT TO THE SITE. CLEARING: CONTRACTOR SHALL REMOVE ALL TREES AND VEGETATION WITHIN LIMITS OF CONSTRUCTION UNLESS OTHERWISE GRUBBING AND STRIPPING: CONTRACTOR SHALL RAKE AND REMOVE ROOTS, STUMPS, VEGETATION, DEBRIS, EXISTING STRUCTURES ABOVE AND BELOW GRADE, ORGANIC MATERIAL OR ANY OTHER UNSUITABLE MATERIAL WITHIN LIMITS OF CONSTRUCTION. MUCKING: CONTRACTOR SHALL COORDINATE WITH OWNER AND THEIR GEOTECHNICAL REPRESENTATIVE TO COORDINATE REMOVAL OF ANY SOFT AREAS 5. DISPOSAL: CLEARED, GRUBBED, STRIPPED OR OTHER WASTE MATERIAL SHALL BE REMOVED FROM SITE AND DISPOSED OF IN A PROPERLY PERMITTED FACILITY. 6. FILL AND COMPACTION SHOULD COMPLY WITH GEOTECHNICAL RECOMMENDATIONS. 7. THE CONTRACTOR SHALL NOTE THAT THE GRADING PLAN MAY NOT REPRESENT A BALANCED EARTHWORK CONDITION. THE

CONTRACTOR SHALL BE RESPONSIBLE FOR CUT AND FILL QUANTITIES AND COMPLETE INSTALLATION TO SPECIFIED GRADES. 8. THE CONTRACTOR SHALL FURNISH SUITABLE BORROW MATERIAL FROM AN OFF-SITE PROPERLY PERMITTED FACILITY AS REQUIRED 9. INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXACT ELEVATIONS AND LOCATIONS OF ALL EXISTING UTILITIES AT ALL CROSSINGS PRIOR TO COMMENCING TRENCH EXCAVATION. IF ACTUAL CLEARANCES ARE LESS THAN INDICATED ON PLAN, THE CONTRACTOR SHALL CONTACT THE DESIGN ENGINEER BEFORE PROCEEDING WITH CONSTRUCTION. ANY CONDITION DISCOVERED OR EXISTING THAT WOULD NECESSITATE A MODIFICATION OF THESE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN ENGINEER BEFORE PROCEEDING WITH CONSTRUCTION. 10. NO CONSTRUCTION IS TO BEGIN BEFORE LOCATION OF EXISTING UTILITIES HAS BEEN DETERMINED. CALL "NC ONE-CALL" AT LEAST 48 HOURS BEFORE COMMENCING CONSTRUCTION.

THE CONTRACTOR SHALL NOTIFY ALL APPROPRIATE PERSONNEL OF THEIR INTENT TO EXCAVATE, IN WRITING, NOT LESS THAN 10 DAYS 12. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE DISCONNECTION/ RECONNECTION AND/OR THE RELOCATION OF ALL

11. THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES DURING CONSTRUCTION.

EXISTING UTILITIES WITH APPROPRIATE PERSONNEL. 13. CONTRACTOR SHALL ADJUST ALL MANHOLES, VALVE & CURB BOXES TO FINAL GRADE UPON COMPLETION OF ALL CONSTRUCTION. ANY BOXES DAMAGED OR OTHERWISE DISTURBED BY THE CONTRACTOR SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR. 14. EXISTING SURVEYING PERFORMED BY \*\*\*\*\*

BEFORE COMMENCING ANY EXCAVATIONS IN OR ALONG ROADWAYS OR RIGHT-OF-WAYS, PUBLIC AREAS OR IN PRIVATE EASEMENTS,

15. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AT THE SITE. FURTHERMORE THE CONTRACTOR SHALL REPORT ALL DISCREPANCIES OR QUESTIONS TO THE ENGINEER PRIOR TO INSTALLATION. 16. THE CONTRACTOR SHALL PROVIDE ANY AND ALL LAYOUT REQUIRED TO CONSTRUCT HIS WORK UNLESS OTHERWISE DIRECTED BY

17. ALL SERVICE CONNECTIONS SHALL BE INSTALLED TO MEET ALL LOCAL, STATE, AND CFPUA CODES. METERS, TAPS, MATERIALS, WORKMANSHIP AND ALL FEES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL COMPLY WITH ALL REQUIREMENTS. 18. ALL BACKFILL FROM UTILITY INSTALLATION MUST BE COMPACTED OR AMENDED TO PROVIDE TRAFFIC BEARING CAPACITY.

GEOTECHNICAL ENGINEER TO BE CONSULTED AT CONTRACTORS COST AS NECESSARY. 19. ALL AREAS SHALL BE GRADED FOR POSITIVE DRAINAGE. CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO INSTALLATION. ALL AREAS SHALL BE SLOPED TO DRAIN AWAY FROM BUILDINGS AT ALL TIMES.

20. CONCRETE FOR WALKS, CURBS AND DRIVES SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI @ 28 DAYS - AIR 21. FIELD TESTING SHALL BE DONE BY AN INDEPENDENT TESTING LABORATORY PAID FOR BY THE OWNER. FURTHER TESTING REQUIRED

DUE TO A FAILED TEST WILL BE PAID FOR BY THE CONTRACTOR. 22. ALL SIDEWALKS SHALL BE FREE OF CRACKS, BREAKS, OR ANY OTHER DEFECT PRIOR TO RECEIVING A CERTIFICATE OF OCCUPANCY. 23. ALL FEDERAL, STATE AND LOCAL PERMITS ARE REQUIRED PRIOR TO FULL CONSTRUCTION RELEASE. THIS INCLUDES, BUT IS NOT

LIMITED TO: STATE STORMWATER, STATE UTILITY EXTENSION PERMITS, WETLAND DISTURBANCE PERMITS, CITY STORM WATER, TREE PROTECTION PERMITS, ETC. 24. PRIOR TO ANY CLEARING, GRADING OR CONSTRUCTION ACTIVITY TREE PROTECTION FENCING WILL BE INSTALLED AROUND

PROTECTED TREES OR GROVES OF TREES. AND NO CONSTRUCTION WORKERS, TOOLS, MATERIALS OR VEHICLES ARE PERMITTED WITHIN THE TREE PROTECTION FENCING.

HARDWARE CLOTH

(1/4 MESH

OPENINGS)

FILTERED

REMOVAL. REPLACE STONE AS NEEDED.

NSPECT INLETS AT LEAST WEEKLY AND AFTER

EACH SIGNIFICANT (1 INCH OR GREATER) RAINFALL

EVENT. CLEAR THE MESH WIRE OF ANY DEBRIS OR

OTHER OBJECTS TO PROVIDE ADEQUATE FLOW FOR

OR UNDERCUT THE WIRE MESH DURING SEDIMENT

STEEL POST

WIRE FABRIC

FILTER FABRIC

ANCHOR FABRIC SKIRT

AS DIRECTED BY ENGINEER

SUBSEQUENT RAINS. TAKE CARE NOT TO DAMAGE

STALL MARKED WITH WHITE PAINT ON TOP

WATER ,

CONSTRUCTION OF SITE TO START WITH INSTALLATION OF CONSTRUCTION ENTRANCE AND SILT FENCE ALONG ALL LOCATIONS PER PLANS. UPON INSTALLATION OF SILT FENCE, TREES SHOULD BE REMOVED IN LOCATIONS AS NECESSARY. ALL SLOPED AREAS SHOULD BE SEEDED IN ACCORDANCE TO SPECIFICATIONS. SLOPE STABILIZATION IS WITHIN 21 CALENDAR DAYS OF ANY PHASE OF CONSTRUCTION. ALL OTHER AREAS MUST BE STABILIZED WITH IN 15 WORKING DAYS. CONTRACTOR TO FOLLOW NPDES STABILIZATION REQUIREMENTS PER TABLE ON THIS SHEET AS WELL. MOST STRINGENT REQUIREMENT TO BE MET.

1. GENERAL CLEARING AND GRADING OF THIS SITE WILL NOT BE DONE UNTIL THE TEMPORARY SILT FENCE & CONSTRUCTION ENTRANCE HAVE BEEN INSTALLED.

2. NO CUT SLOPE OR FILL SLOPE SHALL EXCEED A RISE OR FALL OF ONE FOOT FOR EVERY RUN OF 3 FEET (1 VERTICAL TO 3

3. NO SEDIMENT WILL BE ALLOWED TO EXIT THE SITE. ALL EROSION SHALL BE CONTROLLED INCLUDING SIDE SLOPES DURING AND AFTER CONSTRUCTION.

4. INSTALL PRIMARY EROSION CONTROL MEASURES BEFORE BEGINNING CONSTRUCTION INCLUDING BUT NOT LIMITED TO GRAVELED CONSTRUCTION ENTRANCE, SILT FENCE, TREE PROTECTION FENCE & SEDIMENT BASINS. SPECIFIC CONSTRUCTION METHODS MAY BE REQUIRED ABOVE AND BEYOND WHAT IS SPECIFIED IN THIS PLAN. INSTALL ALL SECONDARY EROSION CONTROL MEASURES, SUCH AS INLET PROTECTION AS SOON AS POSSIBLE AFTER BEGINNING

CONSTRUCTION. 5. ALL EROSION CONTROL MEASURES TO BE INSPECTED AFTER EACH RAIN. SILT FENCE AND INLET PROTECTION TO BE

6. A 4" LAYER OF TOPSOIL SHALL BE APPLIED TO ALL NEW AREAS TO BE GRASSET 7. MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PROJECT IS COMPLETE.

6" PERVIOUS CONCRETE > 6" MINIMUM #57 STONE (WASHED) SEE NOTE #7 IN CONSTRUCTION SEQUENCE FOR SPECIFIC DIRECTIONS. PERVIOUS CONCRETE SECTION

CLIENT INFORMATION: NEWCO, LLC

> WILMINGTON, NC 28403 910-202-8555

DETAIL

CDC DATE: 08/25/2014 CDC SCALE: NTS PROJECT NUMBER: 2014-013

VICINITY MAP (NOT TO SCALE):

REVISIONS

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DRAWING NUMBER:

C-2

1. FENCE FABRIC SHALL BE A MIN. OF 32" IN WIDTH AND SHALL HAVE A MIN. OF SIX LINE WIRES WITH 12" STAY 2. FABRIC SHALL BE FOR EROSION CONTROL AND MIN. OF 36" IN WIDTH, FABRIC SHALL BE FASTENED ADEQUATELY TO THE WIRE FABRIC AS DIRECTED BY THE 3. STEEL POST SHALL BE 5'-0" IN HEIGHT AND BE OF THE SELF-FASTENER STEEL ANGLE TYPE. TEMPORARY SILT FENCE

\_\_ NCDOT # 57

16" to 18"

SURROUNDING THE INLET. SPACE POSTS EVENLY AROUND

2. SURROUND THE POSTS WITH WIRE MESH HARDWARE OF OTH

SECURE THE WIRE MESH TO THE STEEL POSTS AT THE TOP

UNDER THE GRAVEL FOR ANCHORING IS RECOMMENDED.

4. PLACE CLEAN GRAVEL (NCDOT #5 OR #57 STONE) ON A 2:1

SMOOTH TO AN EVEN GRADE

THE PERIMETER OF THE INLET, A MAXIMUM OF 4 FEET APART.

MIDDLE, AND BOTTOM. PLACINGA 2-FOOT FLAP OF WIRE MESH

SLOPE WITH A HEIGHT OF 16 INCHES AROUND THE WIRE, AND

VARIES (6'-8' MIN.)

AS DIR. BY ENG.

5. ONCE THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED, REMOVE

ACCUMULATED SEDIMENT, AND ESTABLISH FINAL GRADING ELEVATIONS.

6. COMPACT THE AREA PROPERLY AND STABILIZED IT WITH GROUNDGOVER.

WASHED STONE

NCDOT # 57-

WASHED STONE

HARDWARE CLOTH AND GRAVEL INLET PROTECTION

MIN. 12-1/2 GA.

/INTERMEDIATE WIRES

PRESSURE TREATED LUMBER OR CONCRETE PERIMETER BURDER AND WHEEL STOP -1" GRID REINFORCEMENT NON-VOVEN GED-TEXTILE FABRIC SECTION A-A

TYPICAL UNPAVED PARKING FACILITY UNDER 25 STALLS SD 15-10

NOT TO SCALE

STORMWATER MANAGEMENT

SIGNED

6315 BOATHOUSE RD

CDC SHEET SIZE: CHECKED:

SEAL