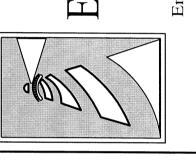


VICINITY MAP (NOT TO SCALE):

REVISIONS

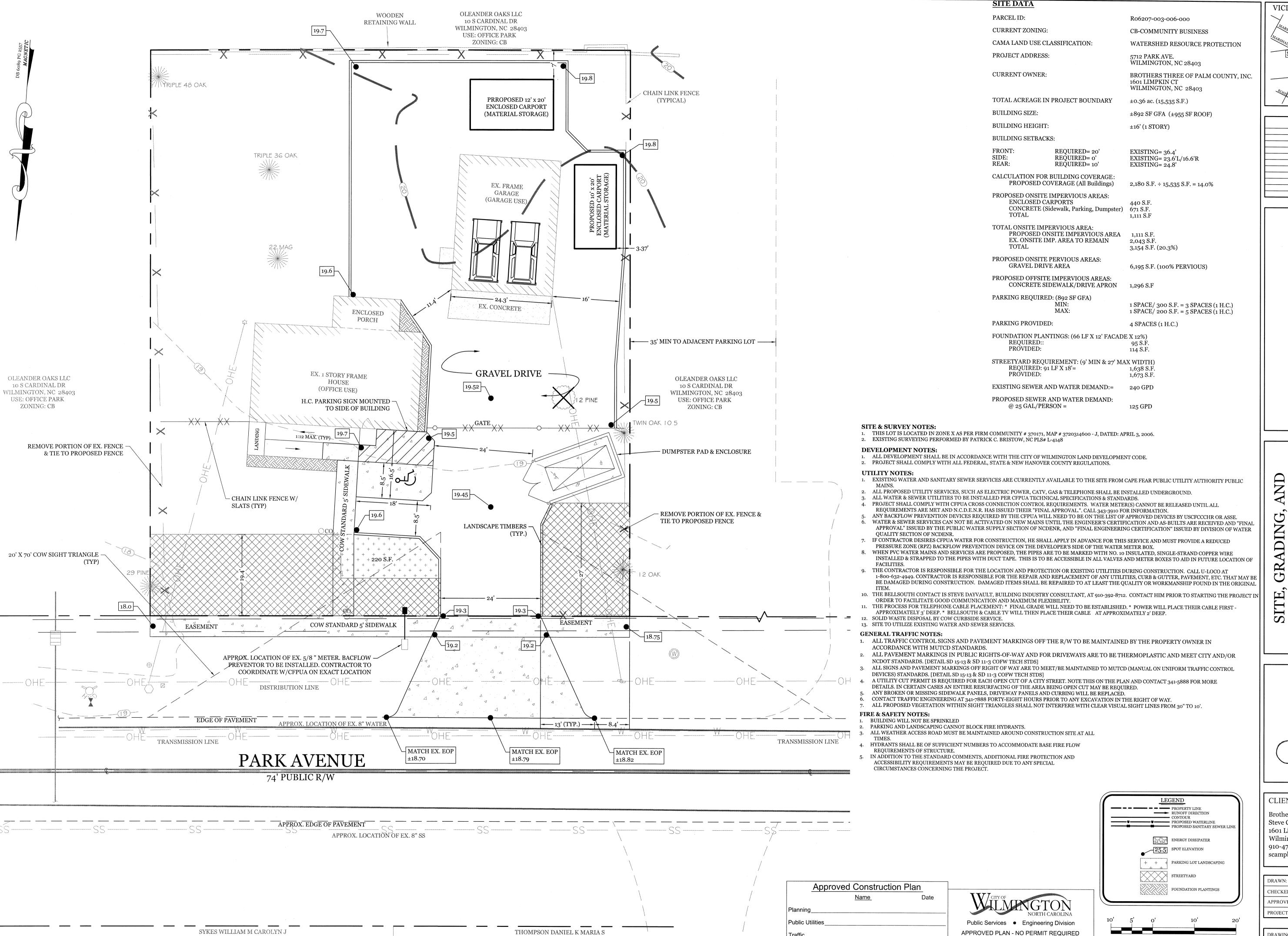


CLIENT INFORMATION: Brothers Three Of Palm County Inc. Steve Campbell 1601 Limpkin Ct. Wilmington, NC 28403 910-471-2613 scampbell@bluecoastrealestate.com

JAE	SHEET SIZE:	24x36
CDC	DATE:	3/23/2018
CDC	SCALE:	1" = 10'
ER:	2018-008	
	CDC	CDC DATE: CDC SCALE:

DRAWING NUMBER:

C-o



207 CYPRESS AVE

WRIGHTSVILLE BEACH, NC 28480

2315 NC 96N HWY

SELMA, NC 27576

VICINITY MAP (NOT TO SCALE):

REVISIONS

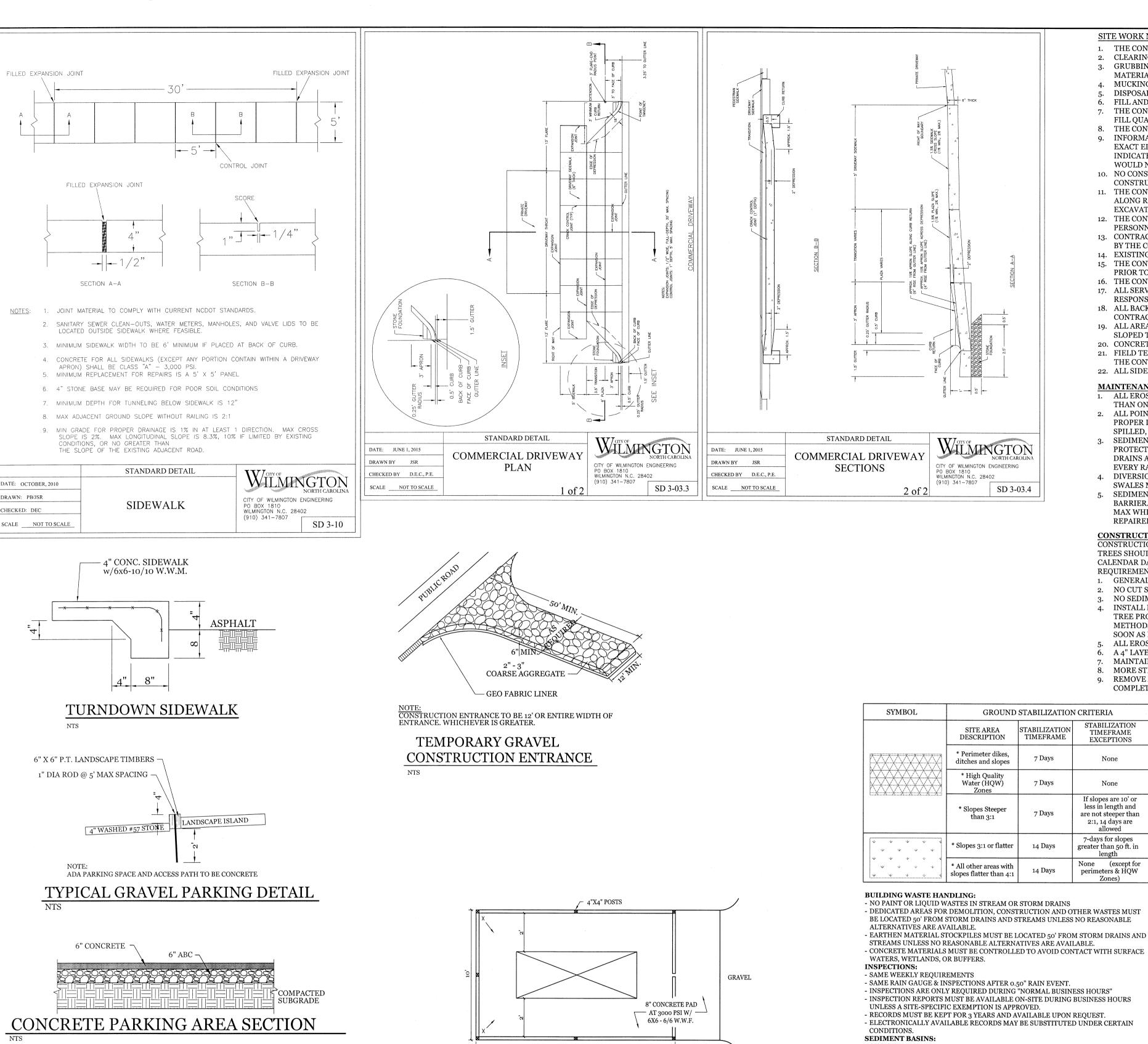
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Scale: 1"=10'



4"X4" POSTS	
10. X	GRAVEL
8" CONCRETE PAD AT 3000 PSI W/ 6X6 - 6/6 W.W.F.	
PLAN	1
CONCRETE 4"X4" POSTS HORIZONTAL WOOD SIDING ENCLOSURE GATES WOODOSS PRACING	
ELEVATIONS	

DUMPSTER PAD & ENCLOSURE DETAIL

— R7-8a Sign

6

COLORS

BACKGROUND - WHITE

MAXIMUM PENALTY \$250

GS 20-37.6

LEGEND AND BORDER - GREEN
WHITE SYMBOL ON BLUE BACKGROUND

(no arrows)

1'-6" x 1'-0" x .080 STD. ALUM.

HANDICAPPED PARKING SIGN TO READ "RESERVED PARKING

WITH IDENTIFICATION SYMBOL.

9" x 1'-0" x .080 STD ALUM. SIGN

WITH 3/8" CANDIUM PLATED

NUTS, BOLTS & WASHERS.

9" x 1'-6" x .080 STD ALUM. SIGN

PLATED NUTS, BOLTS & WASHERS

TO READ "VAN ACCESSIBLE".

ACCESSIBLE

BOLT TO WD. POST W/ 3/8" CANDIUM

PLATED NUTS, BOLTS & WASHERS.

ΓΟ READ "MAXIMUM PENALTY \$250 GS 20-37.6". BOLT TO WD. POST

BOLT TO WD. POST WITH 3/8" CANDIUM

TYPICAL HANDICAPPED SIGN DETAIL

-1-1/2"R(TYP)

-FINISHED

GRADE

			5. ALL EROS6. A 4" LAYE7. MAINTAIN8. MORE STF	POSSIBLE AFTER BEG ION CONTROL MEAS R OF TOPSOIL SHAL N ALL EROSION CON RINGENT MEASURE ALL TEMPORARY ER ION.
SYMBOL	GROUND	STABILIZATION	N CRITERIA]
	SITE AREA DESCRIPTION	STABILIZATION TIMEFRAME	STABILIZATION TIMEFRAME EXCEPTIONS	SEEDING
	* Perimeter dikes, ditches and slopes	7 Days	None	LATE WINT
	* High Quality Water (HQW) Zones	7 Days	None	Rye (grain) Annual Iespe and Coastal I
	* Slopes Steeper than 3:1	7 Days	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed	Omit annual of temporary
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	* Slopes 3:1 or flatter	14 Days	7-days for slopes greater than 50 ft. in length	German Mille In the Piedm a small-stem
* * * * * * * * * * * * * * * * * * * *	* All other areas with slopes flatter than 4:1	14 Days	None (except for perimeters & HQW Zones)	substituted a
JILDING WASTE HAN	NDLING:			FALL: Rye (grain)

BUILDING WASTE HANDLING:
- NO PAINT OR LIQUID WASTES IN STREAM OR STORM DRAINS
- DEDICATED AREAS FOR DEMOLITION, CONSTRUCTION AND OTHER WASTES MUST
BE LOCATED 50' FROM STORM DRAINS AND STREAMS UNLESS NO REASONABLE
ALTERNATIVES ARE AVAILABLE.
TI DEVITE A CONTROL OF COURSE OF CONTROL OF

STREAMS UNLESS NO REASONABLE ALTERNATIVES ARE AVAILABLE. - CONCRETE MATERIALS MUST BE CONTROLLED TO AVOID CONTACT WITH SURFACE

- INSPECTIONS ARE ONLY REQUIRED DURING "NORMAL BUSINESS HOURS" · INSPECTION REPORTS MUST BE AVAILABLE ON-SITE DURING BUSINESS HOURS · RECORDS MUST BE KEPT FOR 3 YEARS AND AVAILABLE UPON REQUEST. · ELECTRONICALLY AVAILABLE RECORDS MAY BE SUBSTITUTED UNDER CERTAIN

- OUTLET STRUCTURES MUST BE WITHDRAWN FROM BASIN SURFACES UNLESS DRAINAGE AREA IS LESS THAN 1 ACRE. - USE ONLY DWQ APPROVED FLOCCULANTS.

SITE WORK NOTES:

1. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS BOTH ON AND ADJACENT TO THE SITE.

2. CLEARING: CONTRACTOR SHALL REMOVE ALL TREES AND VEGETATION WITHIN LIMITS OF CONSTRUCTION UNLESS OTHERWISE DESIGNATED TO REMAIN. GRUBBING AND STRIPPING: CONTRACTOR SHALL RAKE AND REMOVE ROOTS, STUMPS, VEGETATION, DEBRIS, EXISTING STRUCTURES ABOVE AND BELOW GRADE, ORGANIC

MUCKING: CONTRACTOR SHALL COORDINATE WITH OWNER AND THEIR GEOTECHNICAL REPRESENTATIVE TO COORDINATE REMOVAL OF ANY SOFT AREAS.

DISPOSAL: CLEARED, GRUBBED, STRIPPED OR OTHER WASTE MATERIAL SHALL BE REMOVED FROM SITE AND DISPOSED OF IN A PROPERLY PERMITTED FACILITY. FILL AND COMPACTION SHOULD COMPLY WITH GEOTECHNICAL RECOMMENDATIONS.

THE CONTRACTOR SHALL NOTE THAT THE GRADING PLAN MAY NOT REPRESENT A BALANCED EARTHWORK CONDITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CUT AND THE CONTRACTOR SHALL FURNISH SUITABLE BORROW MATERIAL FROM AN OFF-SITE PROPERLY PERMITTED FACILITY AS REQUIRED

INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE 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.

11. THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES DURING CONSTRUCTION. BEFORE COMMENCING ANY EXCAVATIONS IN OR ALONG ROADWAYS OR RIGHT-OF-WAYS, PUBLIC AREAS OR IN PRIVATE EASEMENTS, THE CONTRACTOR SHALL NOTIFY ALL APPROPRIATE PERSONNEL OF THEIR INTENT TO EXCAVATE, IN WRITING, NOT LESS THAN 10 DAYS PRIOR TO EXCAVATING.

12. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE DISCONNECTION/ RECONNECTION AND/OR THE RELOCATION OF ALL 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 PATRICK C. BRISTOW, NC PLS# L-4148

15. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AT THE SITE. FURTHERMORE THE CONTRACTOR SHALL REPORT ALL DISCREPANCIES OR QUESTIONS TO THE ENGINEER

16. THE CONTRACTOR SHALL PROVIDE ANY AND ALL LAYOUT REQUIRED TO CONSTRUCT HIS WORK UNLESS OTHERWISE DIRECTED BY OWNER. 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 ENTRAINED. 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

22. ALL SIDEWALKS SHALL BE FREE OF CRACKS, BREAKS, OR ANY OTHER DEFECT PRIOR TO RECEIVING A CERTIFICATE OF OCCUPANCY.

1. ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF-PRODUCING RAINFALL, BUT IN NO CASE, LESS THAN ONCE EVERY WEEK AND WITHIN 24 HOURS OF EVERY HALF INCH RAINFALL. ALL POINTS OF EGRESS WILL HAVE CONSTRUCTION ENTRANCES THAT WILL BE PERIODICALLY TOP-DRESSED WITH AN ADDITIONAL 2 INCHES OF 2-3 INCH STONE TO MAINTAIN

PROPER DEPTH. THEY WILL BE MAINTAINED IN A CONDITION TO PREVENT MUD OR SEDIMENT FROM LEAVING THE SITE. IMMEDIATELY REMOVE OBJECTIONABLE MATERIAL SPILLED, WASHED OR TRACKED ONTO THE CONSTRUCTION ENTRANCE OR ROADWAYS. SEDIMENT WILL BE REMOVED FROM HARDWARE CLOTH AND GRAVEL INLET PROTECTION, ROCK DOUGHNUT INLET PROTECTION, SEDIMENT TRAP BAFFLES, AND ROCK PIPE INLET PROTECTION WHEN THE DESIGNED STORAGE CAPACITY HAS BEEN HALF FILLED WITH SEDIMENT. ROCK WILL BE CLEANED OR REPLACED WHEN THE SEDIMENT POOL NO LONGER

DRAINS AS DESIGNED. DEBRIS WILL BE REMOVED FROM THE ROCK AND HARDWARE CLOTH TO ALLOW PROPER DRAINAGE. SILT SACKS WILL BE EMPTIED ONCE A WEEK AND AFTER EVERY RAIN EVENT. SEDIMENT WILL BE REMOVED FROM AROUND BEAVER DAMS, DANDY SACKS AND SOCKS ONCE A WEEK AND AFTER EVERY RAIN EVENT. 4. DIVERSION DITCHES WILL BE CLEANED OUT IMMEDIATELY TO REMOVE SEDIMENT OR OBSTRUCTIONS FROM THE FLOW AREA. THE DIVERSION RIDGES WILL ALSO BE REPAIRED.

SWALES MUST BE TEMPORARILY STABILIZED WITHIN 21 CALENDAR DAYS OF CEASE OF ANY PHASE OF ACTIVITY ASSOCIATED WITH A SWALE.

BARRIER. STAKES MUST BE STEEL. STAKE SPACING WILL BE 6 FEET MAX. WITH THE USE OF EXTRA STRENGTH FABRIC, WITHOUT WIRE BACKING. STAKE SPACING WILL BE 8 FEET MAX WHEN STANDARD STRENGTH FABRIC AND WIRE BACKING ARE USED. IF ROCK FILTERS ARE DESIGNED AT LOW POINTS IN THE IN THE SEDIMENT FENCE THE ROCK WILL BE REPAIRED OR REPLACED IF IT BECOMES HALF FULL OF SEDIMENT, NO LONGER DRAINS AS DESIGNED OR IS DAMAGED.

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

INSTALL PRIMARY EROSION CONTROL MEASURES BEFORE BEGINNING CONSTRUCTION INCLUDING BUT NOT LIMITED TO GRAVELED CONSTRUCTION ENTRANCE, SILT FENCE. TREE PROTECTION FENCE & SEDIMENT BASINS. CONTRACTOR TO BE FAMILIAR WITH USACOE GENERAL PERMIT CONDITIONS FOR ROAD CROSSINGS. 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.

JTROL MEASURES TO BE INSPECTED AFTER EACH RAIN. SILT FENCE AND INLET PROTECTION TO BE CLEANED WHEN HALF FULL.

PSOIL SHALL BE APPLIED TO ALL NEW AREAS TO BE GRASSED. OSION CONTROL MEASURES UNTIL PROJECT IS COMPLETE.

I MEASURES MAY BE REQUIRED TO HALT EROSION IF THOSE ON THIS PLAN PROVE TO BE LESS EFFECTIVE.

PORARY EROSION CONTROL MEASURES UPON COMPLETION OF CONSTRUCTION. ALL PERMANENT MEASURES SHALL BE WELL ESTABLISHED PRIOR TO PROJECT

NORTH CAROLINA TEMPORARY GRASSING DETAIL		NORTH CAROLIN GRASSING
SEEDING MIXTURE SPECIES	APPLICATION RATE	SEEDING MIXTURE SPECIES
LATE WINTER & EARLY SPRING: Rye (grain) Annual Iespedeza (Kobe in Piedmont and Coastal Plain, Korean in Mountains) Omit annual Iespedeza when duration of temporary cover is not to extend beyond June	100 (lb/acre) 50 (lb/acre)	FALL & WINTER: Tall Fescue (blend of two or three improved varieties) Rye (grain) SPRING & SUMMER:
SUMMER: German Millet In the Piedmont and Mountains, a small-stemmed sundangrass may be substituted at a rate of 50 (lb/acre) FALL:	40 (lb/acre)	Pensacola Bahiagrass Sericea Lespedeza Common Bermudagrass German Millet Tall Fescue SEEDING DATES

120 (lb/acre)

SEEDING DATES

LATE WINTER & EARLY SPRING: Mountains - Above 2500 ft: Feb. 15-May 15 Piedmont - Jan. 1-May 1 Coastal Plain - Dec. 1-Apr. 15

Mountains - May 15-Aug. 15 Piedmont - May 1-Aug. 15

Coastal Plain - Apr. 15-Aug. 15

Mountains - Aug. 15-Dec. 15

Coastal Plain and Piedmont - Aug. 15-Dec. 30 **SOIL AMENDMENTS:**

limestone and 750 lb/acre 10-10-10 fertilizer.

apply 4,000 lb/acre 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

Follow recommendations of soil tests or apply 2,000 lb/acre ground agricultural

anchoring tool. **MAINTENANCE:**

Refertilize if growth is not fully adequate. reseed, refertilize and mulch immediately following erosion or other damage.

NA PERMANENT G DETAIL

APPLICATION RATE 200 (lb/acre) 25 (lb/acre)

50 (lb/acre) 30 (lb/acre) 10 (lb/acre) 10 (lb/acre) 50 (lb/acre)

FALL & WINTER: January - April

August - December

SOIL AMENDMENTS: Apply lime and fertilizer according to soil tests, or apply 3.000-5,000 lb/acre

ground agricultural limestone (use the lower rate on sandy soils) and 1,000 lb/acre 10-10-10 fertilizer.

MAINTENANCE: Fertilize according to soil tests or apply 40 lb/acre nitrogen in January or february, 40 lb in September and 40 lb in November, from a 12-4-8, 16-4-8, or similar turf fertilizer. Avoid fertilizer applications during warm weather, as this increases stand

losses to disease. Reseed, fertilize, and mulch damaged areas immediately. mow to

SPRING & SUMMER

a height of 2.5-3.5 inches as needed.

SOIL AMENDMENTS:

Apply lime and fertilizer according to soil tests, or apply 3,000 lb/acre ground agriculture limestone and 500 lb/acre 10-10-10 fertilizer.

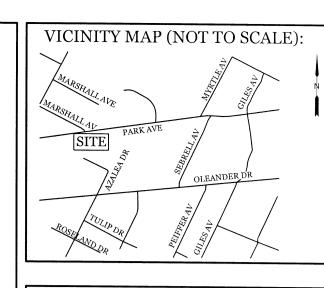
MAINTENANCE:

April 1 - July 15

Refertilize the following april with 50 lb/acre nitrogen. Repeat as growth requires. may be mowed only once a year. Where a neat appearance is desired, omit sericea and mow as often as needed.

apply 4,000 lb/acre 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.

Approved Construction Pl	an	
<u>Name</u>	Date	WILMINGTON
ning		NORTH CAROLINA
ic Utilities		Public Services Engineering Division
fic		APPROVED PLAN - NO PERMIT REQUIRED
•		Signed:

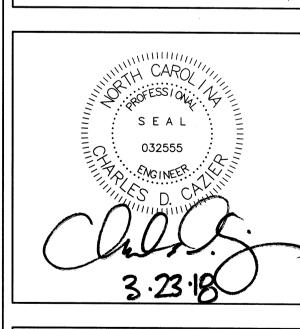


REVISIONS

9



DETA



Brothers Three Of Palm County Inc. Steve Campbell 1601 Limpkin Ct. Wilmington, NC 28403 910-471-2613 scampbell@bluecoastrealestate.com

CLIENT INFORMATION:

DRAWN: JAE | SHEET SIZE: CHECKED: CDC DATE: 3/23/2018 CDC | SCALE: APPROVED: PROJECT NUMBER: 2018-008

DRAWING NUMBER:

C-2