CONSTRUCTION SCHEDULE

1. SCHEDULE A PRE-CONSTRUCTION CONFERENCE WITH CHATHAM COUNTY. OBTAIN LAND-DISTURBING PERMIT.
2. INSTALL GRAVEL CONSTRUCTION PAD, TEMPORARY DIVERSIONS, SILT FENCE, SEDIMENT TRAPS AND ALL OTHER MEASURES AS SHOWN ON THE APPROVED PLAN. CLEAR ONLY AS NECESSARY TO INSTALL THESE DEVICES. SEED TEMPORARY DIVERSIONS, BERMS AND BASINS IMMEDIATELY AFTER CONSTRUCTION.

   INSTALL CLEAN WATER DIVERSIONS AS SHOWN ON PLAN. SEED AND STABILIZE THE DIVERSION IMMEDIATELY AFTER INSTALLATION.

   INSTALL STORM SEWER AS NOTED ON THE PLAN TO ACCEPT STORMWATER FROM THE CLEAN WATER DIVERSIONS AND TO BYPASS THE CONSTRUCTION AREA.
3. CALL FOR ONSITE INSPECTION BY CHATHAM COUNTY, TO OBTAIN CERTIFICATE OF COMPLIANCE.
4. BEGIN CLEARING AND GRUBBING. MAINTAIN DEVICES AS NEEDED. ROUGH GRADE SITE.
5. INSTALL STORM SEWER, AND PROTECT INLETS WITH BLOCK AND GRAVEL INLET CONTROLS, SEDIMENT TRAPS OR OTHER APPROVED MEASURES AS SHOWN ON THE PLAN. BEGIN CONSTRUCTION.
6. STABILIZE SITE AS AREAS ARE BROUGHT UP TO FINISH GRADE WITH VEGETATION, PAVING, DITCH LININGS, ETC. SEED AND MULCH DENUDED AREAS PER GROUND STABILIZATION TIME FRAMES.
   *** PROMPT SEEDING, PARTICULARLY WHEN MOVING FROM ONE PHASE TO THE NEXT, WILL BE STRICTLY ENFORCED ***
7. WHEN CONSTRUCTION IS COMPLETE AND ALL AREAS ARE STABILIZED COMPLETELY, CALL CHATHAM COUNTY FOR INSPECTION.
8. IF SITE IS APPROVED, REMOVE TEMPORARY DIVERSIONS, SILT FENCE, SEDIMENT BASINS, ETC., AND SEED OUT OR STABILIZE ANY RESULTING BARE AREAS. ALL REMAINING PERMANENT EROSION CONTROL DEVICES SUCH AS VELOCITY DISSIPATERS SHOULD BE INSTALLED NOW.

NOTE: COORDINATE CONVERSION OF SEDIMENT BASINS TO PERMANENT BMP'S WITH CHATHAM COUNTY EROSION CONTROL AND TOWN OF PITTSBORO. SEE BASIN REMOVAL SEQUENCE.

9. WHEN VEGETATION HAS BECOME ESTABLISHED, CALL CHATHAM COUNTY FOR A FINAL SITE INSPECTION TO OBTAIN A CERTIFICATE OF COMPLETION.

GENERAL EROSION CONTROL NOTES

1. SEDIMENT SHALL BE REMOVED FROM BASINS WHEN SEDIMENT STORAGE REACHES 50%. SEDIMENT BASINS ARE TO REMAIN IN PLACE DURING THE HOME CONSTRUCTION PHASE OF THE PROJECT AND ONLY REMOVED WITH APPROVAL FROM CHATHAM COUNTY.
3. ALL SEDIMENT BASINS REQUIRE BAFFLES INSTALLED PER DETAILS ON DETAIL SHEET.
4. DIVERSIONS SHALL BE MODIFIED AS NEEDED TO ENSURE SEDIMENT LADEN WATER GOES INTO THE APPROPRIATE BASIN AT ALL TIMES.
5. NO DISTURBANCE IS ALLOWED WITHIN CAPE FEAR BUFFERS OR WETLANDS EXCEPT THOSE PERMITTED BY NCDWR AND USACE.

BASIN REMOVAL SEQUENCE

1. INSTALL SILT FENCING OR OTHER TEMPORARY EROSION CONTROL MEASURES AS NEEDED PRIOR TO REMOVAL OF THE BASIN.
2. REMOVE BASIN(S) AND ASSOCIATED TEMPORARY DIVERSION DITCHES. IF CULVERT PIPES NEED TO BE EXTENDED, PERFORM THIS OPERATION AT THIS TIME. FINE GRADE AREA IN PREPARATION FOR SEEDING.

** BASIN DEWATERING NOTE: BASIN SHALL BE DEWATERED FROM THE TOP OF THE WATER SURFACE OR DIRECTLY INTO A DEWATERING/SILT BAG.

3. PERFORM SEEDBED PREPARATION, SEED, MULCH, AND ASPHALT TACK ANY RESULTING BARE AREAS IMMEDIATELY.
4. INSTALL VELOCITY DISSIPATERS AND/OR LEVEL SPREADERS AS REQUIRED ON THE EROSION CONTROL PLAN.

NOTE: COORDINATE CONVERSION OF SEDIMENT BASINS TO PERMANENT BMP'S WITH CHATHAM COUNTY EROSION CONTROL AND TOWN OF PITTSBORO.

PERMANENT CHANNEL NOTE:

AFTER MASS GRADING IS COMPLETE, PROVIDE LINERS FOR PERMANENT CHANNELS AND ROADSIDE DITCHES AS SPECIFIED IN PERMANENT CHANNEL DETAIL AND ROADSIDE DITCH LINER TABLE ON DETAIL SHEET. SEE GRADING PLAN FOR LOCATION OF PERMANENT CHANNELS

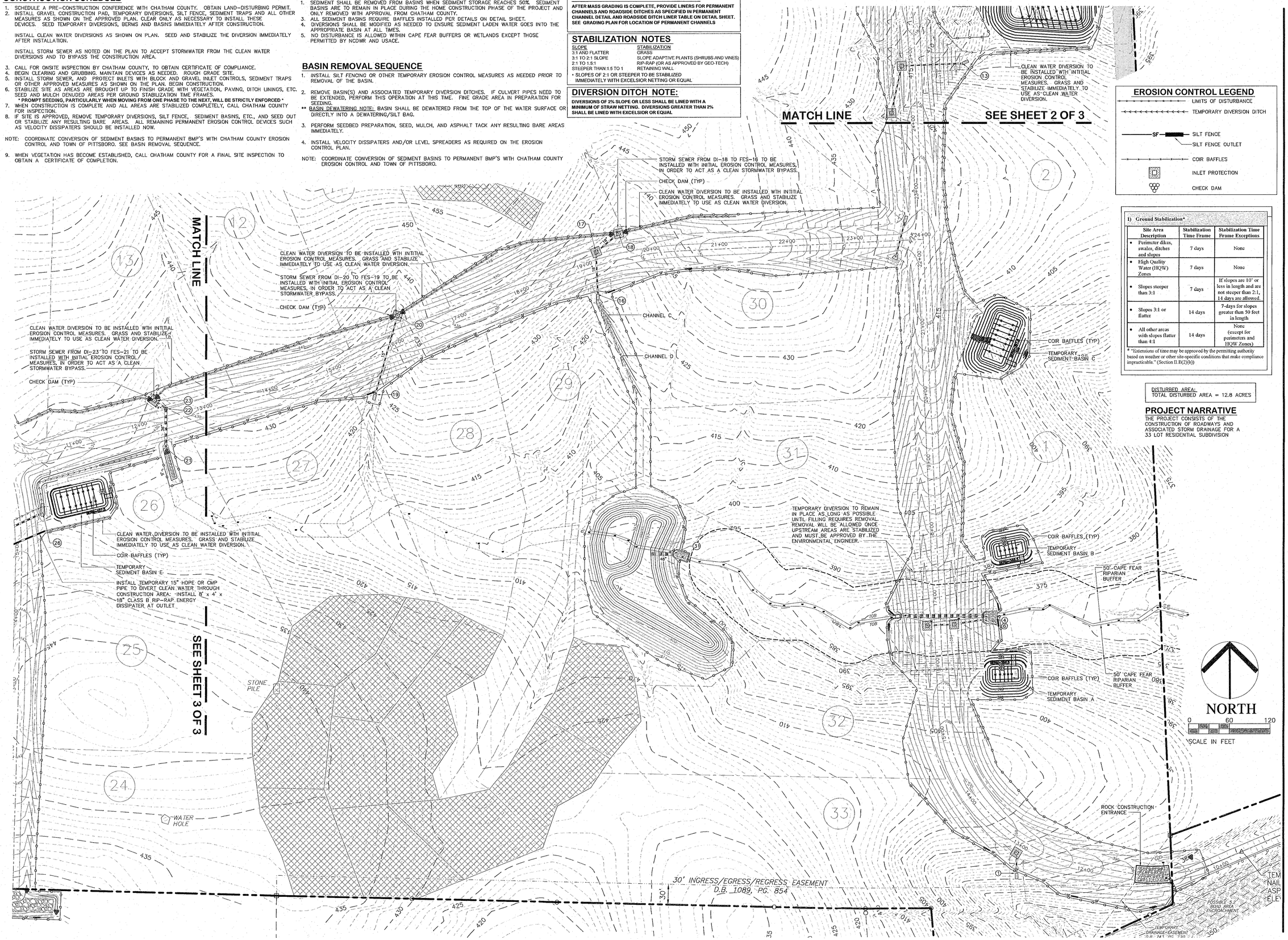
STABILIZATION NOTES

SLOPE	STABILIZATION
3:1 AND FLATTER	GRASS
3:1 TO 2:1 SLOPE	SLOPE ADAPTIVE PLANTS (SHRUBS AND VINES)
2:1 TO 1.5:1	RIP-RAP (OR AS APPROVED BY GEO-TECH)
STEEPER THAN 1.5 TO 1	RETAINING WALL

* SLOPES OF 2:1 OR STEEPER TO BE STABILIZED IMMEDIATELY WITH EXCELSIOR NETTING OR EQUAL

DIVERSION DITCH NOTE:

DIVERSIONS OF 2% SLOPE OR LESS SHALL BE LINED WITH A MINIMUM OF STRAW NETTING. DIVERSIONS GREATER THAN 2% SHALL BE LINED WITH EXCELSIOR OR EQUAL



EROSION CONTROL LEGEND

- LIMITS OF DISTURBANCE
- TEMPORARY DIVERSION DITCH
- SF — SILT FENCE
- SILT FENCE OUTLET
- COIR BAFFLES
- INLET PROTECTION
- CHECK DAM

1) Ground Stabilization*

Site Area Description	Stabilization Time Frame	Stabilization Time Frame Exceptions
• Perimeter dikes, swales, ditches and slopes	7 days	None
• High Quality Water (HQW) Zones	7 days	None
• 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.
• Slopes 3:1 or flatter	14 days	7-days for slopes greater than 50 feet in length
• All other areas with slopes flatter than 4:1	14 days	None (except for perimeters and HQW Zones)

* "Extensions of time may be approved by the permitting authority based on weather or other site-specific conditions that make compliance impracticable." (Section II.B(2)(b))

DISTURBED AREA:
TOTAL DISTURBED AREA = 12.8 ACRES

PROJECT NARRATIVE

THE PROJECT CONSISTS OF THE CONSTRUCTION OF ROADWAYS AND ASSOCIATED STORM DRAINAGE FOR A 33 LOT RESIDENTIAL SUBDIVISION

PLD

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NORTH CAROLINA PROFESSIONAL SEAL 030856 ENGINEER MICHAEL L. SCHNIDER 5/4/15

PRELIMINARY
NOT FOR CONSTRUCTION

RIVERSTONE SUBDIVISION

HIGHWAY 64
PITTSBORO, NORTH CAROLINA

ISSUED: 05 MAY 2015

REVISIONS:

DRAWN BY: MLS
CHECKED BY: JDL

PROJECT: FPRSP

EROSION CONTROL PLAN
SHEET 1 OF 3

DWG. NO. PS 7

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