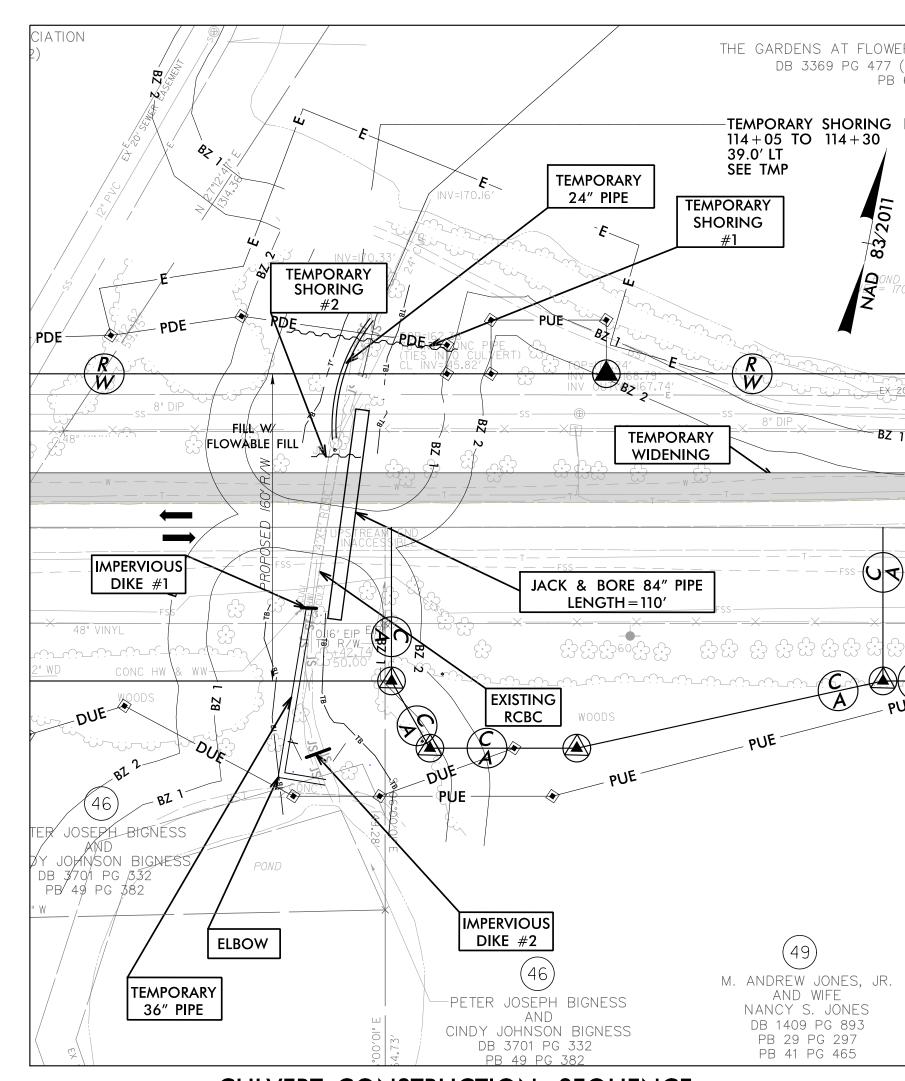
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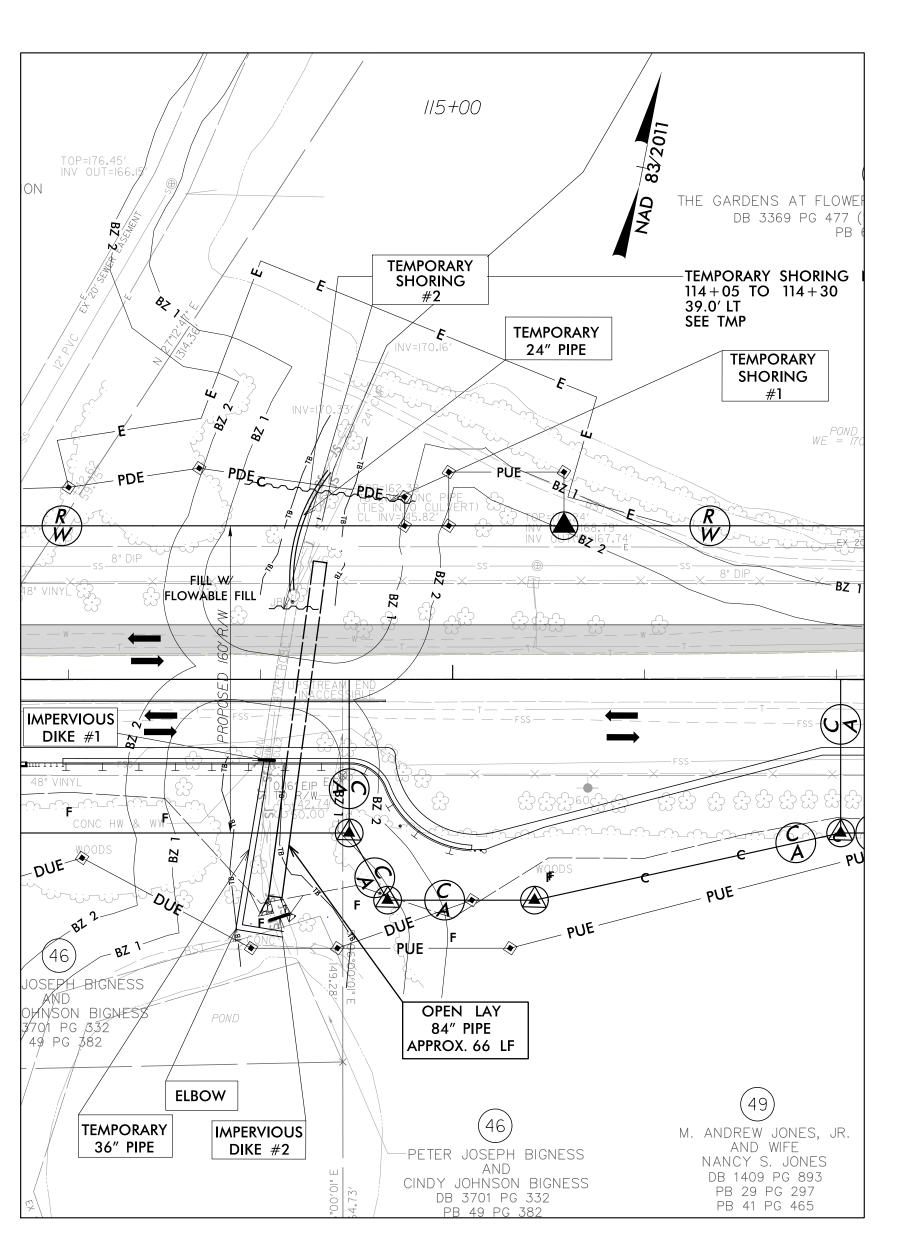
NC FIRM LICENSE No: F-0:

A=COM 701 Corporate Center Drive,
Rolleigh, NC 27607



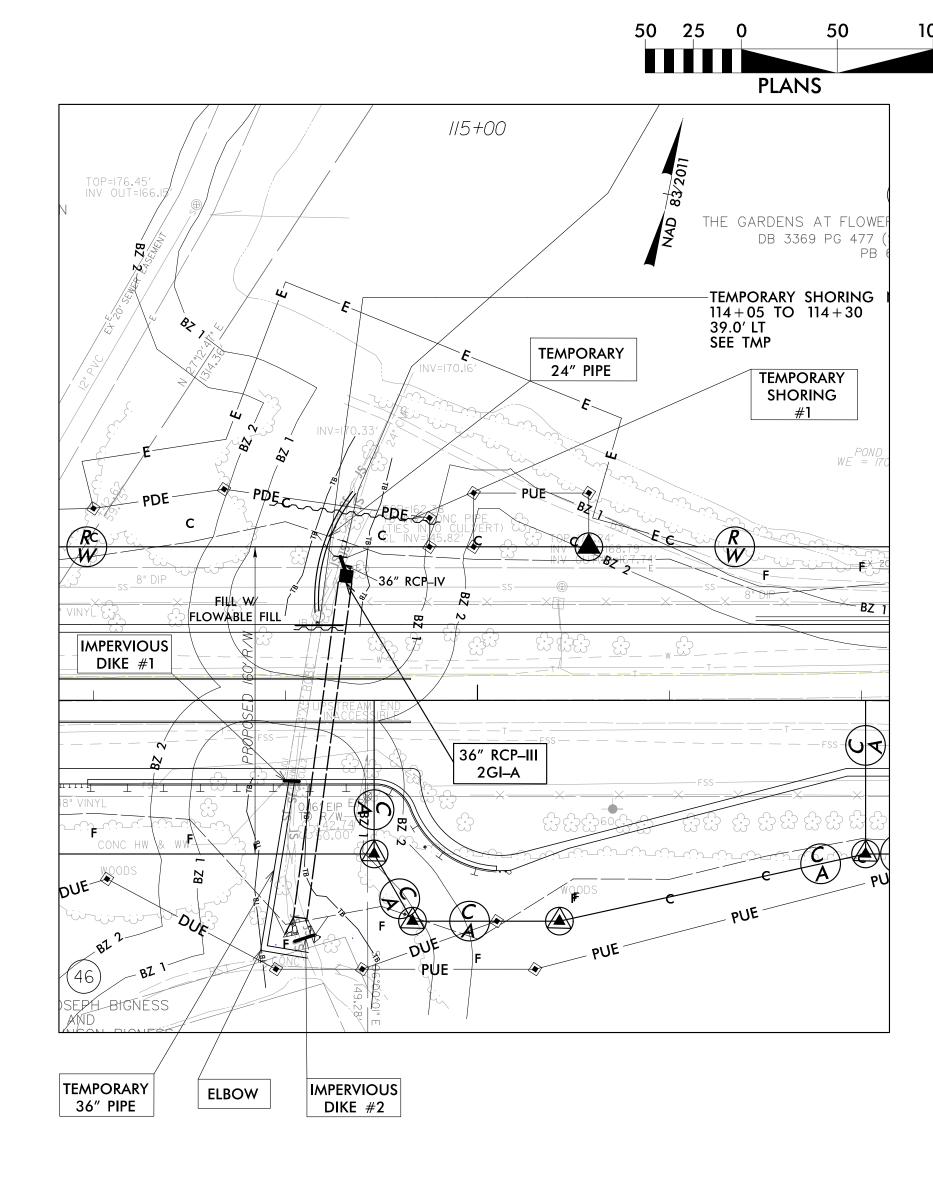
CULVERT CONSTRUCTION SEQUENCE STA. 114 + 23 -L-PHASE I

- 1. KEEP TRAFFIC ON EXISTING PAVEMENT.
- 2. MAINTAIN FLOW IN EXISTING RCBC.
- 3. INSTALL SPECIAL STILLING BASIN(S).
- 4. INSTALL 24" TEMPORARY PIPE TO CARRY STREAM FLOW FROM 24" CMP POND DISCHARGE TO EXISTING VERTICAL RISER AT UPSTREAM END OF EXISTING CULVERT.
- 5. INSTALL TEMPORARY SHORING #1 (SEE STRUCTURE PLAN SHEET C2-1).
- 6. INSTALL TEMPORARY 36" PIPE AND ELBOW, AND IMPERVIOUS DIKE #1 IN DOWNSTREAM END OF EXISTING CULVERT.
- 7. WHILE MAINTAINING FLOW IN EXISTING RCBC, JACK AND BORE 84" PIPE (APPROXIMATELY 110 LF).
- 8. INSTALL TEMPORARY SHORING #2 (SEE STRUCTURE PLAN SHEET C2-1) AND CONSTRUCT TEMPORARY WIDENING.
- 9. INSTALL IMPERVIOUS DIKE #2.



## CULVERT CONSTRUCTION SEQUENCE (STA. 114 + 23 -L-) PHASE II

- 1. KEEP THE FOLLOWING DEVICES INSTALLED IN PHASE I IN OPERATION: SPECIAL STILLING BASIN(S), SHORINGS #1 AND #2, IMPERVIOUS DIKES #1, AND #2, AND THE TEMPORARY 24" AND 36" PIPES.
- 2. SHIFT TRAFFIC ONTO TEMPORARY WIDENING.
- 3. WHILE MAINTAINING FLOW IN EXISTING RCBC, (AND THE TEMPORARY PIPE INSTALLED IN PHASE I), OPEN LAY 84" PIPE (APPROXIMATELY 66 LF) AND CONSTRUCT ENDWALL AND OUTLET CHANNEL WORK.
- 4. CONSTRUCT EASTBOUND LANES.



## CULVERT CONSTRUCTION SEQUENCE (STA. 114 + 23 -L-) PHASE III

- 1. KEEP THE FOLLOWING DEVICES INSTALLED IN PHASE I IN OPERATION: SPECIAL STILLING BASIN(S) SHORING #1, IMPERVIOUS DIKES #1 AND #2, AND THE TEMPORARY 24" AND 36" PIPES.
- 2. SHIFT TRAFFIC ONTO THE EASTBOUND LANES.
- 3. WHILE MAINTAINING FLOW IN EXISTING RCBC, (AND THE TEMPORARY PIPE INSTALLED IN PHASE I), CONSTRUCT PROPOSED 36" RCP-CLASS III, 2GI-A AND HEADWALL.
- 4. DIVERT FLOW INTO 84" PIPE.
- 5. REMOVE THE FOLLOWING DEVICES INSTALLED IN PHASE I: SPECIAL STILLING BASIN(S), SHORING #1, IMPERVIOUS DIKES #1 AND #2, AND THE TEMPORARY 24" AND 36" PIPES.
- 6. COMPLETE ROADWAY AND STABILIZE DISTURBED AREAS.