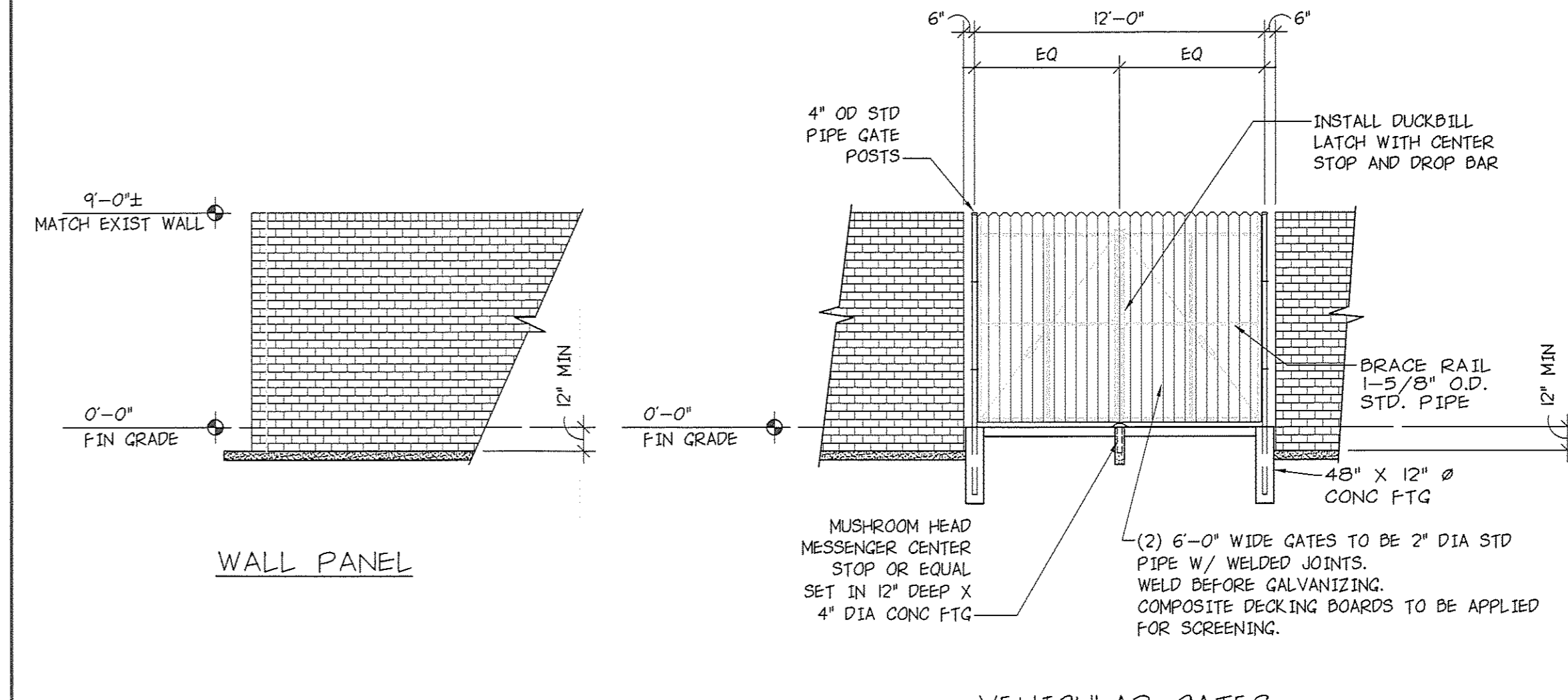


- CONCRETE**
- Minimum compressive strength at 28 days shall be 3000 psi (regular weight concrete, i.e. 145 pcf)
  - All detailing, fabrication and erection of reinforcing bars shall conform to ACI "Manual of Standard Practice for Detailing Reinforced Concrete Structures" (ACI-315-02) and the "Building Code Requirements for Reinforced Concrete" (ACI-318, 02).
  - Reinforcing bars shall be rolled from new billet steel conforming to "Specification for Deformed Billet Steel Bars for Concrete Reinforcement", ASTM A 615, and shall be Grade 60.
  - Grout under all column base plates and beam bearing plates with non-shrink, non-metallic grout which conforms to Corps of Engineers Specification CRD-C 821-82.
  - Details, workmanship and procedure of concrete placement shall conform to the latest editions of ACI-315, ACI-318 and ACI-301.
  - Clear distance from face of concrete to main reinforcing:
    - Suspended slabs and joists: 1" UON
    - Grade beams, pedestals, columns, walls: 2" UON
    - Footings, walls cast against earth: 3" UON
  - All isolation joint strips shall be 1/2" thick, unless otherwise noted.
  - Lap all reinforcing splices at least 40 bar diameters (12" minimum) unless otherwise noted.
  - All reinforcing shall be securely wired together in forms as called for in "Placing Reinforcing Bars" by CRS.
  - Chamfer exposed edges of concrete 3/4".
  - Shoring under forms shall not be removed until the concrete it supports is capable of supporting itself and all superimposed loads.
  - Precast prestressed members shall be designed by the structural precast concrete subcontractor. Calculations for the design of precast prestressed members shall be submitted to the Engineer for review. All calculations and design details shall bear the seal and signature of an Engineer registered in the State of North Carolina.

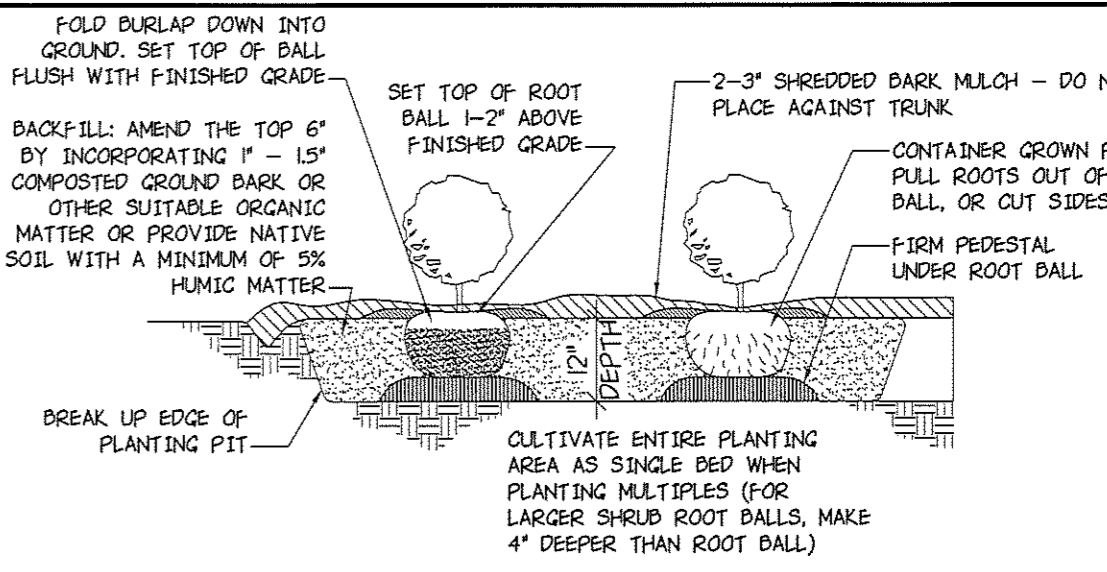
- NOTES**
- Posts, rail, and gate fittings to be pressed steel or malleable casting. (ASTM A153)
  - All posts shall have weather caps installed.
  - Posts to set in 3000 PSI concrete. Bottom of concrete to be 2" min. from bottom of post.
  - Tie wires to be 9 ga. aluminum spaced at 12" o.c. posts/gates and 24" o.c. rails/wire
  - Tension bars to be 3/16 x 3/4 inch carbon steel attached to terminal posts by means of beveled edge bonds.
  - Provide two hold open devices for vehicular swing gates.
  - Install swing gates per ASTM F-900



**01 SECURITY WALL** (SCALE: N.T.S.)

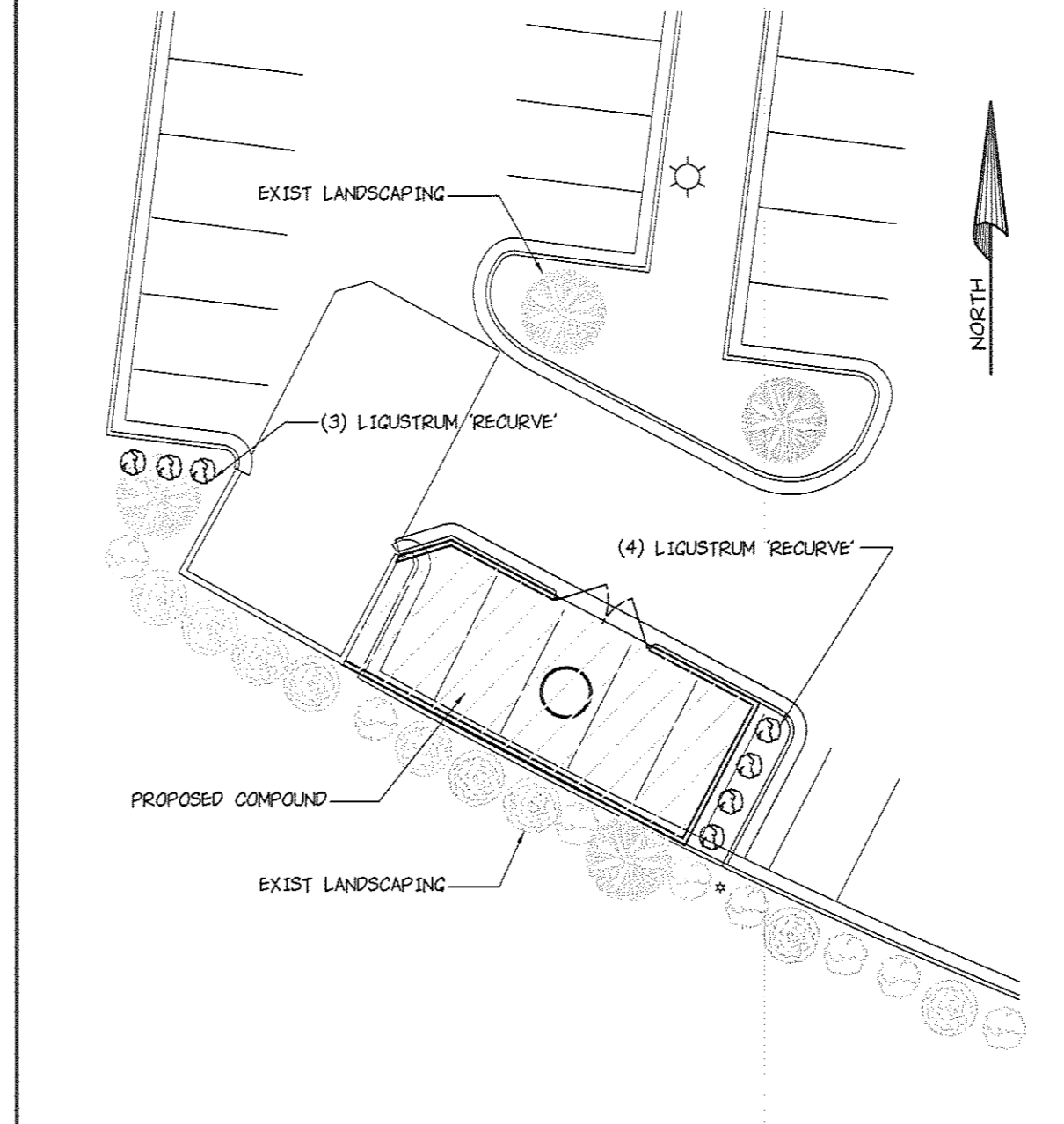
**PLANT SCHEDULE**

QTY.	BOTANICAL NAME/COMMON NAME	ROOT	SIZE	SPACING	REMARKS
7	LIQUISTRUM JAPONICUM RECURVIFOLIUM / LIQUISTRUM RECURVE	3 GAL. CONT.	3' HT. MIN	5' O.C.	FULL SPECIMEN, FULL TO GROUND



- NOTE:**
- ALL SHRUBS SHALL CONFORM TO THE STANDARDS SET FORTH IN THE MOST RECENT AMERICAN STANDARDS FOR NURSERY STOCK PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERMEN (A.A.N.).
  - SOIL ANALYSIS SHALL BE OBTAINED PRIOR TO PLANTING. SOIL SHALL BE AMENDED AS RECOMMENDED.
  - SHEET PREPARATION OF BEDS IS HIGHLY PREFERRED TO INDIVIDUALLY DUG HOLES.

**02 SHRUB PLANTING DETAIL** (SCALE: N.T.S.)



**01 LANDSCAPE PLAN** (SCALE: N.T.S.)

09-SP-062  
 APPROVED  
 TOWN OF CARY

Approved by TC Date 4/14/2011  
 Planning KH Date 3/10/2011  
 Engineering \_\_\_\_\_ Date \_\_\_\_\_



**TAE, Inc.**  
 4917 PROFESSIONAL CT  
 SUITE 105  
 RALEIGH, NC 27609



**KILMAYNE DRIVE**  
 368-603A  
 53 KILMAYNE DR.  
 LANDSCAPE AND WALL DETAILS  
 CARY, NC

ZONING DRAWINGS

REV	DATE	DESCRIPTION
4	05.05.10	TOWN COMMENTS
3	04.22.10	KILMAYNE DRIVE LANE DETAILS
2	04.01.10	TOWN COMMENTS
1	03.04.10	SHEET SIZE AND COMMENTS
0	12.10.09	ISSUED FOR ZONING

PROJECT NO. 09511-02  
 ISSUED: 12.10.09  
 DWG. BY: TAE  
 CHK. BY: RTT

SHEET **C3** OF 3