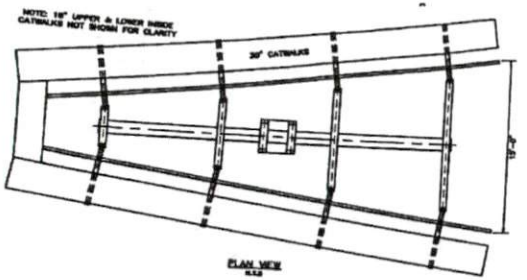
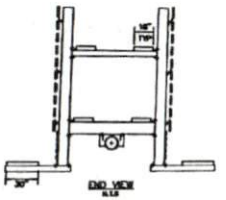
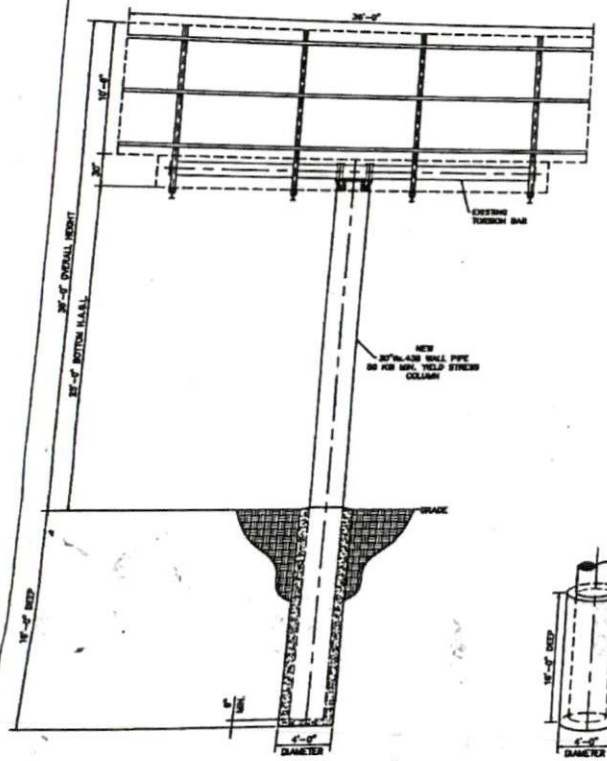


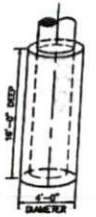
THE UPPER STRUCTURE SHOWN IS A REPRESENTATION ONLY. THE EXISTING UPPER STRUCTURE IS BY OTHERS. THOMPSON ENGINEERING SERVICES, LLC IS RESPONSIBLE FOR THE DESIGN OF THE NEW COLUMN AND FOUNDATION ONLY.

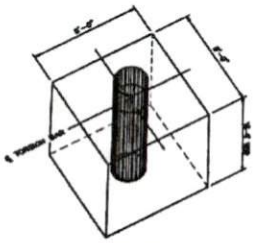
GENERAL NOTES

1. All design, detailing, fabrication and construction shall conform to the following codes and specifications:
   a. The International Building Code (2003 Edition).
   b. The North Carolina Building Code (2002 Edition).
   c. American Society of Testing and Materials (ASTM) specifications.
   d. Building Code Requirements for Reinforced Concrete (ACI 318-Current Edition).
   e. Code for Welding in Building Construction of the American Welding Society (AWS) (Current Edition).
   f. Specification for Structural Steel Buildings of the American Institute of Steel Construction (AISC) (Current Edition).
2. Concrete shall be 6=3000 P.S.I. @ 28 days Compressive Strength. Standard Weight (150 P.C.F.)
3. Reinforcing Steel (Unspecified) shall be ASTM A-615 Grade 60.
   a. All reinforcing steel shall be free from rust, oil, dirt or coatings that will impair bonding. Reinforcing steel shall be cold bent and shall not be heated unless specified.
   b. Welded splices shall be in accordance with AWS D1.4 (Current Edition).
   c. Welded splices shall be made by qualified welders.
4. Structural Material Specifications:
   a. Structural Steel and Plates shall be A-36
   b. All Bolts shall be 3/4" dia. A325 Type N (Unless otherwise noted).
   c. Structural tubing shall be ASTM A-500, Grade B, Fy=46 ksi.
   d. Structural pipe shall be ASTM A-53, Grade B, Fy=35 ksi.
   e. Steel W Shapes shall be ASTM A572 Grade 50 Fy=50 ksi.
   f. Steel Angles shall be ASTM A572 Grade 50 Fy=50 ksi, unless otherwise noted.
   (see drawing for additional member specifications)
5. Anchor Bolts (Unspecified) shall be ASTM F-1554 Grade 36, unless otherwise noted.
6. All nuts shall be compatible and to ASTM A-325, unless otherwise noted.
7. Welding electrodes shall comply with AWS D1.1 (Current Edition), E70xx.
8. Design Wind Pressure: 120 MPH (V. I. B. C.)
   Importance Factor (I) = 1.15 Exposure "C" Kz=1.06 Gh=0.85
9. Soil Bearing Capacity Requirements:
   a. Minimum Footings shall be ____ P.S.F.
   b. Check all Soil Bearing Pressures Under Soil Bearing Capacity shall be (DL + SL + SW=0) P.S.F. per min. of depth.
   (See Geotechnical Soils Report)
10. Contractor shall verify all dimensions and conditions in the field before erection and notify the Engineer of any discrepancies.
11. Safety of plan being in good standards, and not shall be permitted, is the responsibility and of record (per OSHA 29 CFR 1926.32) and he shall not be relieved by a verified report. Where shall not be within one half of the foundation depth from a plan, edge of open plan a slide of these footings, unless noted otherwise.

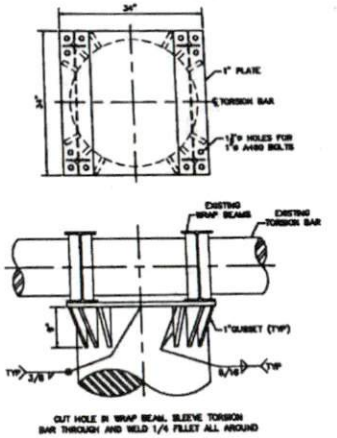








THE EXISTING WRAP BEAM HOLE PATTERN MUST BE VERIFIED PRIOR TO FABRICATION



NOTICE:
This drawing is for permit procurement purposes only and is for the sole use of T.E.S. and its designees. Unauthorized use is strictly prohibited.

Selective Structures, LLC
811 East Avenue
Athens, TN 37303

DESCRIPTION
Column and Foundation for Existing 10'-6"x30'-0", CM, 15'# @ 25'-0" Bottom H.A.G.L.
Located in: Dunn, NC

TES
THOMPSON ENGINEERING SERVICES, LLC

REVISIONS

DRAWN BY:	TES
DATE:	10/17/16
SELECTIVE:	Permitting
SCALE:	1/4"=1'-0"
PROJ.#	130919
DWG.#	ED-5010
SHEET	1 OF 1

CARL E. THOMPSON, JR., P.E.

Scanned with CamScanner