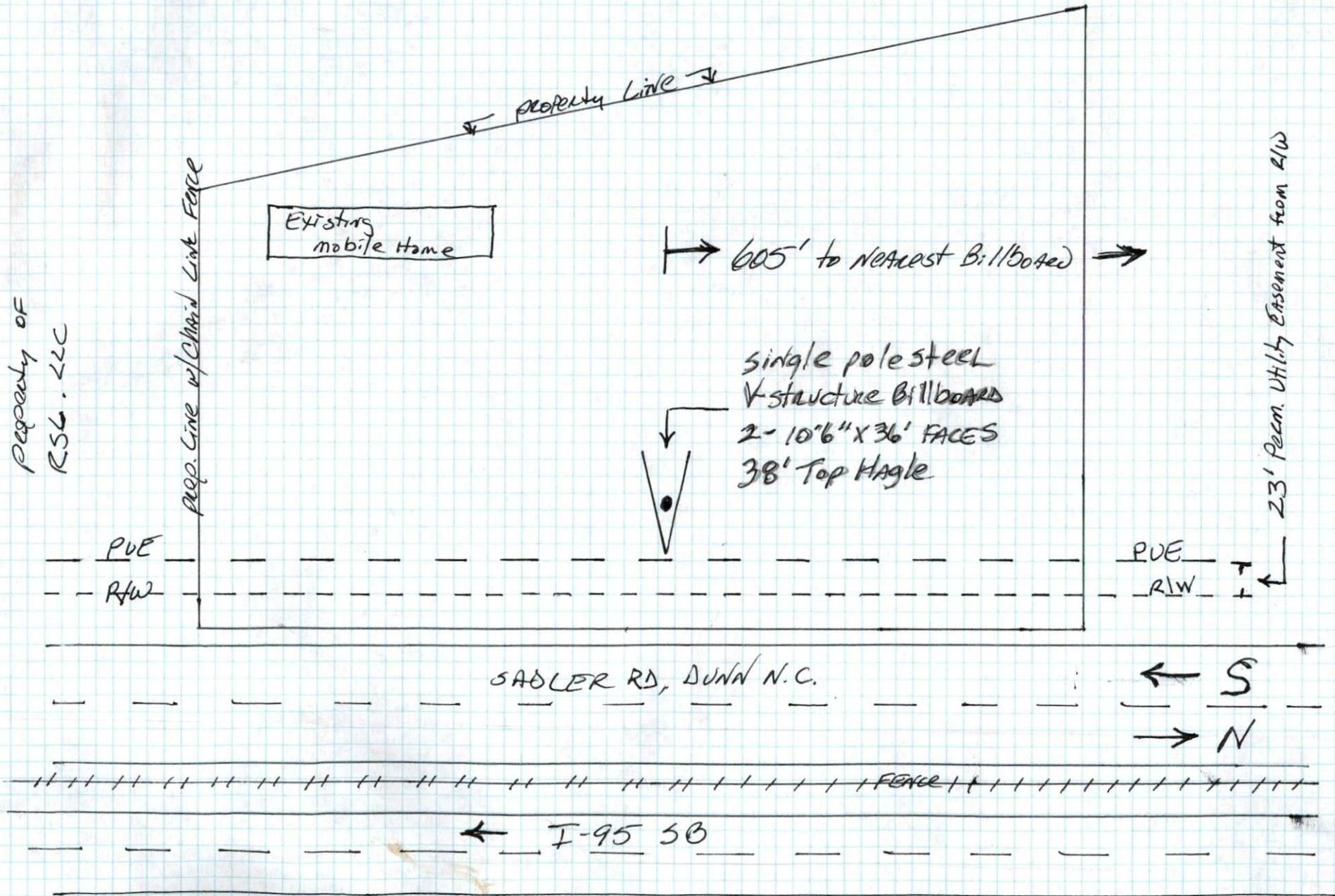
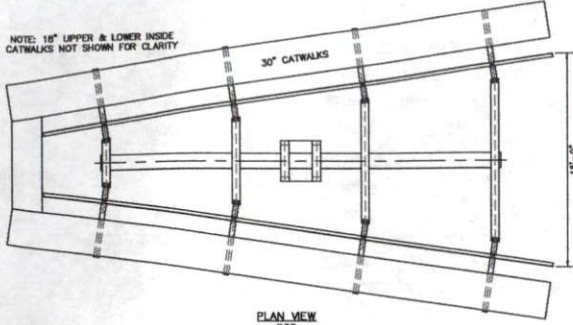


ACE SIGN CO.
LISA FITCHETT

BILLBOARDS RELOCATION FOR I-95
SITE PLAN

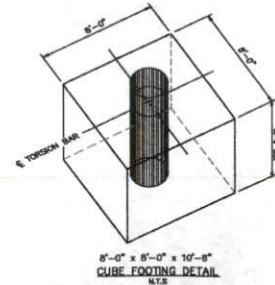
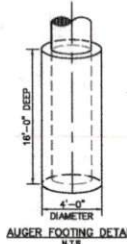
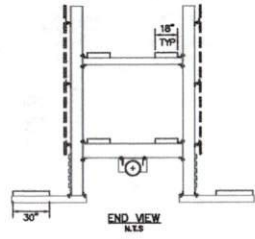
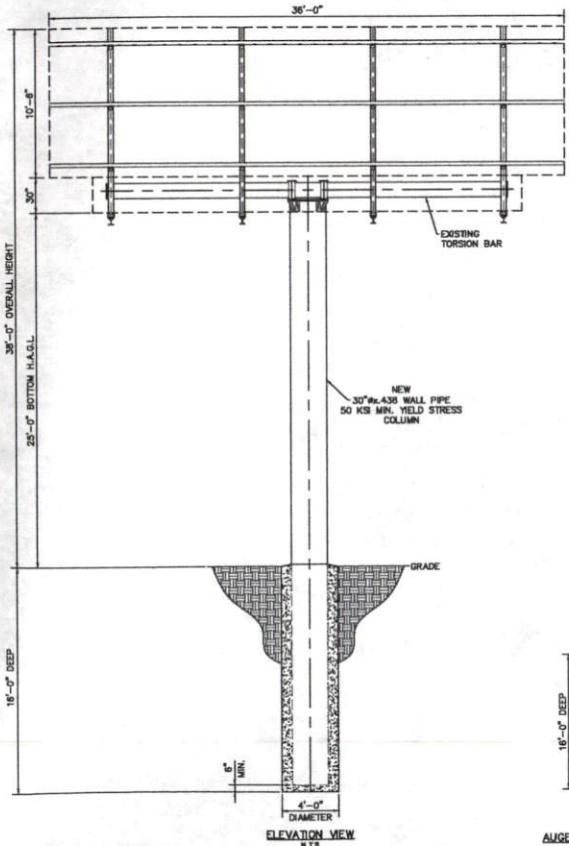


NOTE: 18" UPPER & LOWER INSIDE CATWALKS NOT SHOWN FOR CLARITY

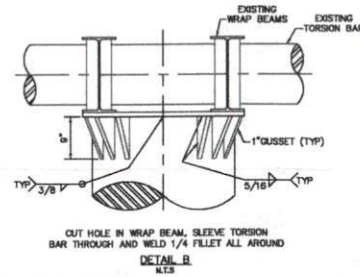
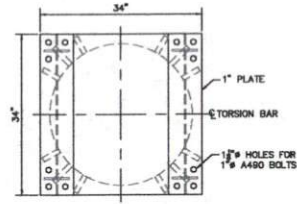


PLAN VIEW
N.T.S.

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.



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



- GENERAL NOTES:**
- All design, detailing, fabricating and construction shall conform to the following codes and specifications:
 - The International Building Code (2003 Edition)
 - The North Carolina Building Code (2003 Edition)
 - American Society of Testing and Materials (ASTM) specifications.
 - Building Code Requirements for Reinforced Concrete (ACI 318—Current Edition)
 - Code for Welding in Building Construction of the American Welding Society (AWS) (Current Edition)
 - Specification for the Design, Fabrication and Erection of Structural Steel for Buildings by the American Institute of Steel Construction (AISC) (Current Edition)
 - Concrete shall be 4"=2500 P.S.I. @ 28 days Compressive Strength, Standard Weight (150 P.C.F.)
 - Reinforcing Steel (Epoxy) shall be ASTM A-615 Grade 60.
 - All reinforcing steel shall be free from mud, oil, rust or coatings that would reduce or destroy bond.
 - All reinforcing bars shall be 30 diameter minimum, except as noted.
 - Minimum concrete cover on the outside and end bars shall be 3/4 inch for slab, wall and vertical rod exposed to weather or in contact with ground, 3 inches for column surface deposited against the ground except as noted.
 - Structural Material Specifications
 - Structural Steel and Plates shall be A-36
 - W-Shape beams shall be (F_y=50 ksi) Minimum
 - Structural tubing shall be ASTM A-501, Grade B, (F_y=48 ksi)
 - Structural piping shall be ASTM A-53, Grade B, Type E or S, (F_y=35 ksi), ASTM A572 Grade 42 (F_y=42 ksi) or ASTM A572 Grade 50 (F_y=50 ksi), unless otherwise noted. (see drawing for individual member specifications).
 - Anchor bolts (Epoxy) shall be ASTM F-1554 Grade 36, unless otherwise noted.
 - High strength bolts for connections shall be ASTM A-325, unless otherwise noted.
 - Welding electrodes shall comply with AWS D1.1—(Current Edition), E70xx.
 - Design Wind Speed=121 MPH (A.S.C.E. 7) Equivalent Wind Loads=28.50 PSF @ 30'-0" above the ground, (3 Sec Wind Gusts), Exposure "C", I_w=1.0, G=0.85.
 - Soil Bearing Capacity Requirements:
 - Spread Footings shall be 2.00 P.S.F.
 - Case or Auger Footing Minimum Lateral Soil Bearing Capacity shall be 200 lb/ft² + 2-500 P.S.F. per foot of depth. (See below for full details)
 - Contractor shall verify all dimensions and conditions in the field before installation and notify the Engineer of any discrepancies.
 - Splicing of pipe beams in equal diameter, wall and steel is permitted. A full penetration weld is required for AWS D1.1 and shall be used and must be performed by a certified welder. Gases and not be within one half of the bendline depth below grade, within 12" above grade or within 12" above existing splices. Unless noted otherwise.

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

Selective Structures, LLC
811 East Avenue
Athens, TN 37303

DESCRIPTION:
Column and Foundation for Existing
10'-0"x36'-0", CM, 15V @ 25'-0" Bottom H.A.G.L.
Located In: Durn, NC

T.E.S.
THOMPSON ENGINEERING SERVICES, LLC
P.O. BOX 2000, ATHENS, TN 37002-0200
TEL: 615-253-7700 FAX: 615-253-7701
WWW.TES-LLC.COM

REVISIONS:

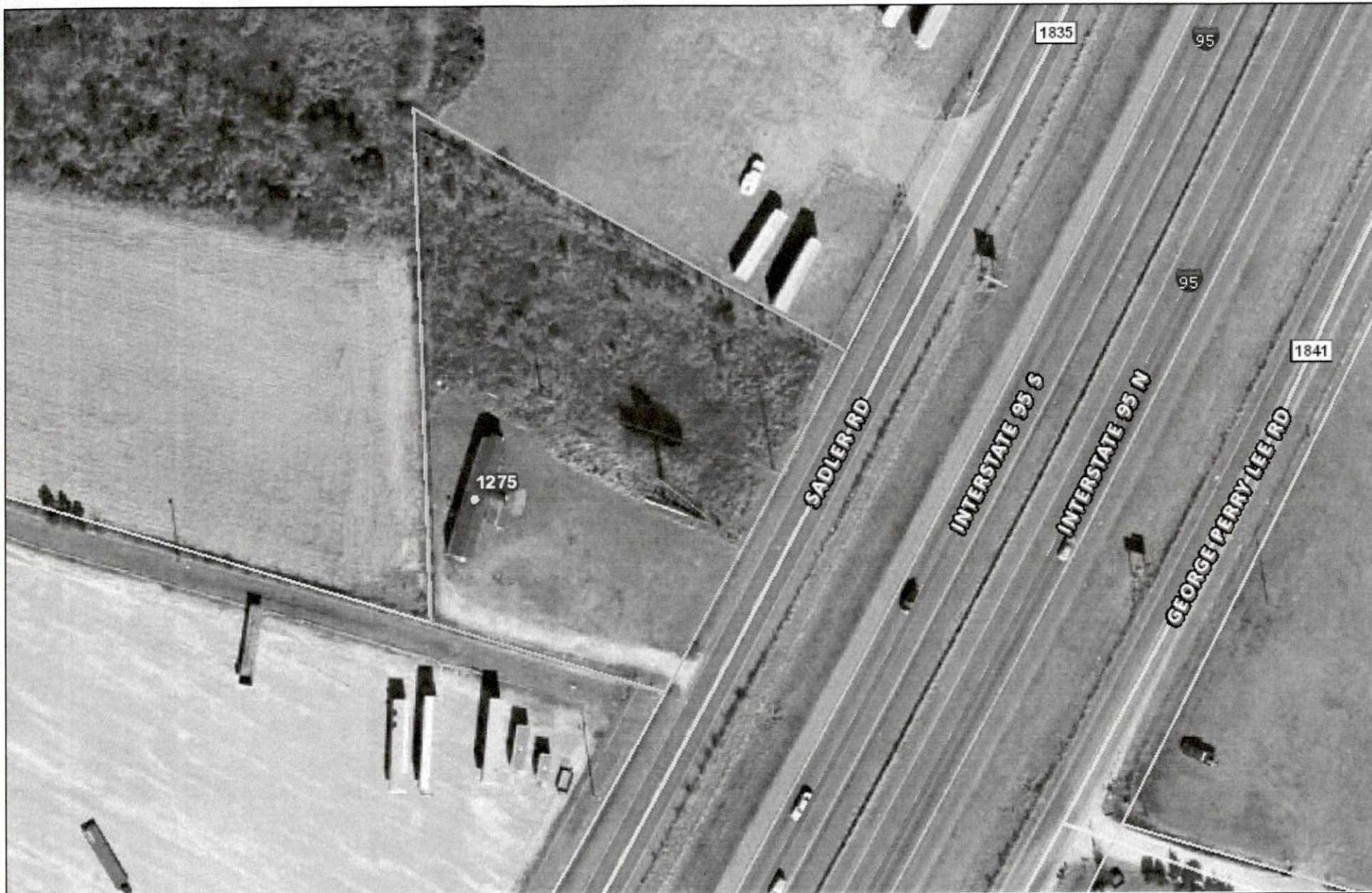
NO.	DESCRIPTION	DATE
01	ISSUED FOR PERMIT	10/17/19

SCALE: 1/4"=1'-0"
PROJ.# 132819
DWG.# ED-0518
SHEET# 1 OF 1

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

Harnett GIS

NOT FOR LEGAL USE



GIS/E-911 Addressing

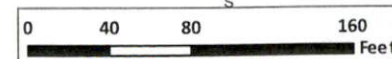
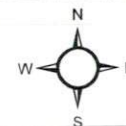
September 17, 2019

- Recycle Center
- Landfills
- Surrounding County Boundaries
- Federal Property

- City Limits
- Harnett County Boundary
- Address Numbers
- Airport

- MajorRoads**
- Interstate
 - NC
 - US
 - Roads

- Mile_Markers
- Railroad



1 inch = 94 feet