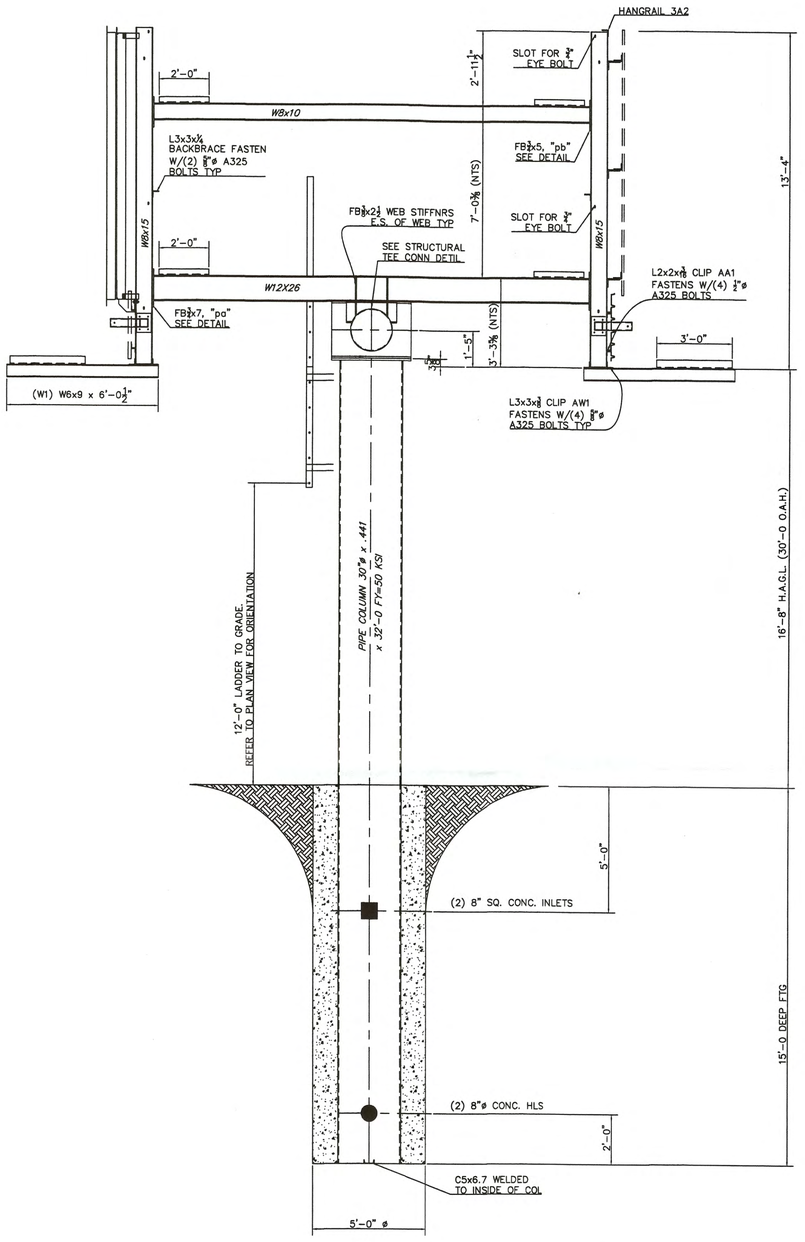
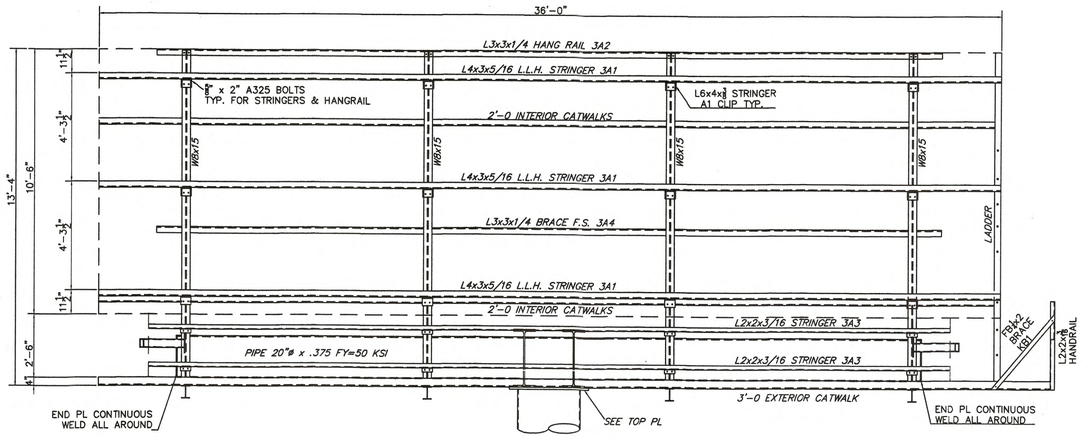
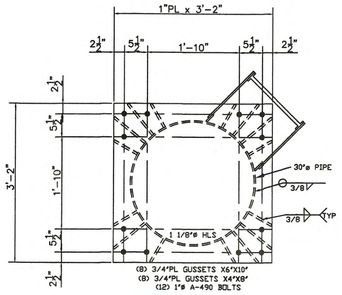


WIDE END VIEW

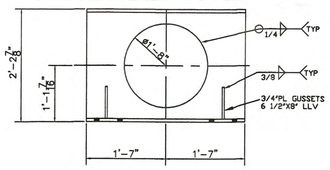


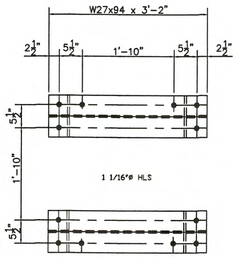
LEFT SIDE VIEW

GENERAL NOTES
1) ALL BOLTS SHALL BE A-490 & A-325. (UNLESS NOTED OTHERWISE)
2) ALL NUTS AND BOLTS TO BE DACROMENT COATED. (UNLESS NOTED OTHERWISE)
3) ALL STRUCTURAL STEEL WIDE FLANGE BEAMS SHALL CONFORM TO THE REQUIREMENTS A.S.T.M A-992. (UNLESS NOTED OTHERWISE)
4) ALL STEEL PIPE SHALL CONFORM TO THE REQUIREMENTS A.S.T.M. A-53 GRADE B. (UNLESS NOTED OTHERWISE)
5) ALL STEEL PLATE, ANGLES, CHANNELS, AND "S" SECTION SHALL CONFORM TO THE REQUIREMENTS OF A.S.T.M. A-36.
6) CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF F'c=3,000 P.S.I.
7) ALL STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED ACCORDING TO THE LATEST A.I.S.C. SPECIFICATIONS AND CODE OF STANDARD PRACTICE.
8) ALL WELDING SHALL BE IN ACCORDANCE WITH A.W.S. STANDARDS. WELDING TO BE PERFORMED BY CERTIFIED WELDERS USING E-70 ELECTRODES.
9) STRUCTURAL STEEL TO BE SHOP PRIMED AND PAINTED. (UNLESS NOTED OTHERWISE)
10) ALL 3'-0 WIDE EXTERIOR WALKWAYS TO BE FRAMED WITH L4x3x1/4 AND HAVE 3# EXPANDED METAL GRATE. ALL 2'-0 WIDE CATWALKS TO HAVE 2# EXPANDED METAL GRATE.
11) CONCRETE REINFORCING STEEL SHALL CONFORM TO A.S.T.M. A-615 GRADE 60.
12) INSTALLER TO ENSURE THAT ALL WORK IS PERFORMED IN ACCORDANCE WITH FEDERAL, STATE & LOCAL CODES & ORDINANCES; AND O.S.H.A SAFETY REGULATIONS.
13) THE STRUCTURE IS DESIGNED IN ACCORDANCE TO THE 2018 N.C. BLDG CODE, 2015 I.B.C. (115 MPH-EXP C) RISK CAT II.
14) DESIGN SOIL PRESSURE FOR 150 P.S.F./F OF DEPTH. COMPACT FINE SOIL OR BETTER.
15) FIELD TO ADD "LB1" BARS TO BOLT-ON LADDER STRINGERS. BARS TO BE FIELD WELDED TO EXTENSION LADDER & TORSION PIPE FOR ADDED STABILITY.
16) DESIGN TO SUPPORT (2) DIGITALS WEIGHING 5500# EA.

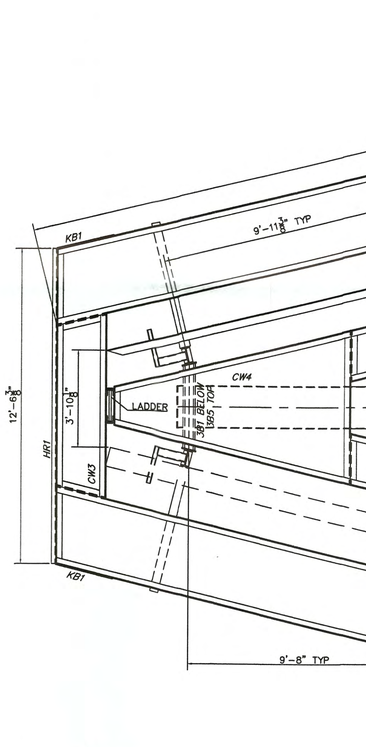


TOP PL CONN.

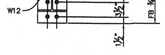




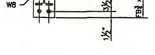
SADDLE DETAIL



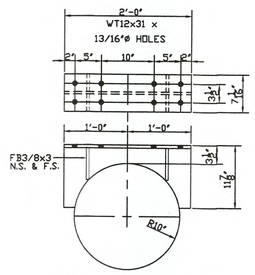
PLAN VIEW



DET'L OF "pa"
(8) 1⅜"ø HLS FOR (8) ⅞"ø x 2½" A325 BOLTS



DET'L OF "pb"
(8) 1⅜"ø HLS FOR (8) ⅞"ø x 2½" A325 BOLTS



STRUCTURAL TEE DETAIL
8-3/4"ø A-490 BOLTS

NORTH CAROLINA PROFESSIONAL SEAL 027672 ENGINEER MICHAEL B. STEPHENS
10/18/19

NO.	DESCRIPTION	BY	DATE
	REVISION		

KEELER
IRON WORKS, INC.
Custom Steel Fabricators
1969 Harbor Ave.
Memphis, TN 38113
Ph. 800-526-6306 Fax 901-775-1576

LAMAR
RALEIGH, NC
10'-6 x 36'-0 "V" 20' CNTR MOUNT
30'-0 O.A.H., 115 MPH
DIGITAL UNIT ON RIGHT SIDE

Drwn JLT
Chkd AJW
Scale
Date 10-18-19

BROUGH and STEPHENS, INC.
Consulting Engineers
MEMPHIS, TENNESSEE

FILE 10123
SHEET NO. E1