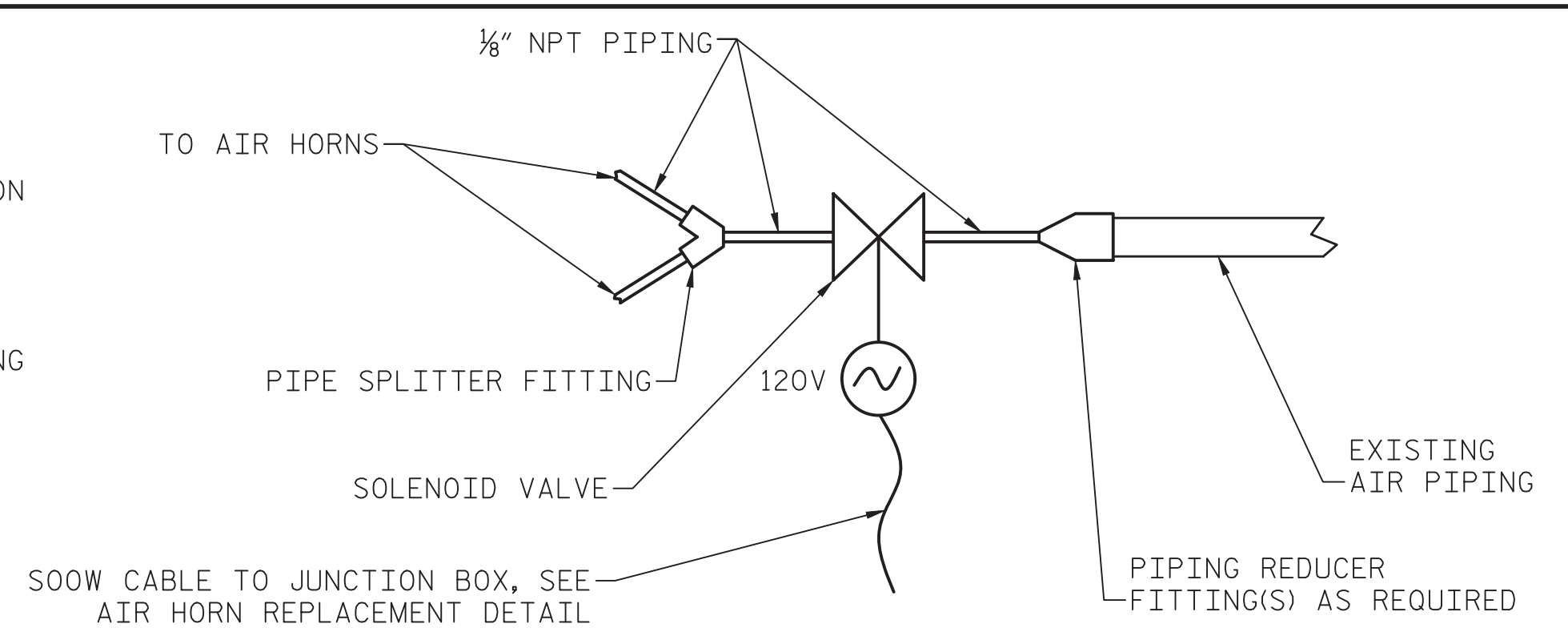


NOTES:

1. AIR HORN(S) SHALL BE CERTIFIED TO IMO REQUIREMENTS, 330 HZ FUNDAMENTAL FREQUENCY, MINIMUM 132dB SOUND PRESSURE LEVEL, 50 TO 200 PSI OPERATION RANGE, MODEL S-330 BY KAHLBERG OR APPROVED EQUAL.
2. SOLENOID VALVE SHALL BE 120VAC OR AS REQUIRED FOR EXISTING CIRCUIT, MODEL V-69-K KIT BY KAHLBERG OR APPROVED EQUAL WITH ALL MATERIALS REQUIRED FOR COMPLETE ASSEMBLY.
3. ALL AIR PIPING AND FITTINGS SHALL BE STAINLESS STEEL RATED FOR WORKING PRESSURE OF 150 PSI OR GREATER.
4. JUNCTION BOXES SHALL BE NEMA 4X STAINLESS STEEL, MINIMUM 6" x 6" x 4".



AIR HORN PIPING DETAIL
NO SCALE

REPLACE AIR HORNS (TYP. 2), INSTALLATION HEIGHT AND DIRECTION OF NEW AIR HORN(S) SHALL BE AS SHOWN IN PHOTO

REPLACE PIPING AND SOLENOID VALVE AND AIR HORN(S) AS SHOWN IN AIR HORN PIPING DETAIL

REPLACE EXISTING PIPING TO THIS LOCATION

SOOW CABLE, 3 - 10 AWG

JUNCTION BOX

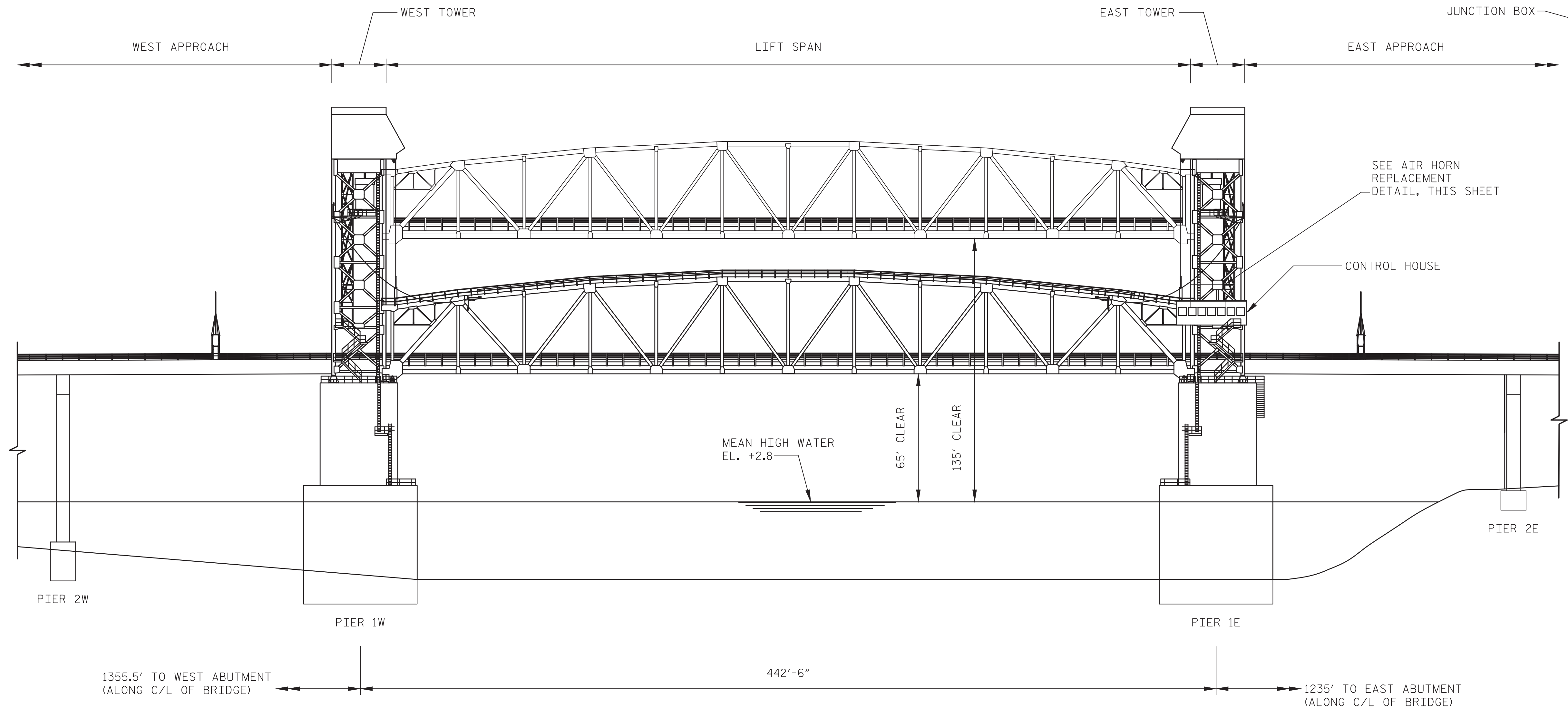
REMOVE EXISTING SO CABLE

2 - 10AWG, 1 - 10AWG GND IN 3/4" PVC COATED RGS CONDUIT

JUNCTION BOX



AIR HORN REPLACEMENT DETAIL
NO SCALE



ELEVATION
SCALE: 1" = 32'-0"

SEE AIR HORN REPLACEMENT DETAIL, THIS SHEET

CONTROL HOUSE

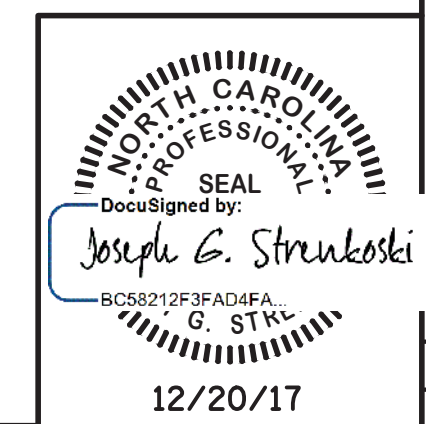
PROJECT NO. 15BPR.15
NEW HANOVER COUNTY
STATION: _____

LAST SAVED 12/20/2017 2:28 PM BY EASAMPLE. LAST PLOTTED 12/20/2017 2:33 PM. FILE: \\vmd\jg\p\Projects\15662.02\CADD\Electrical\EO1 AIR HORN REPLACEMENT

DESIGNED BY: K. M. GABLE DATE: DEC. 2017
DRAWN BY: K. M. GABLE DATE: DEC. 2017
CHECKED BY: J. G. STRENKOSKI DATE: DEC. 2017
DESIGN ENGINEER OF RECORD: J. G. STRENKOSKI DATE: DEC. 2017



333 FAYETTEVILLE STREET, SUITE 505
RALEIGH, NC 27601
NC LICENSE NO. C-2979



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
ELECTRICAL
AIR HORN REPLACEMENT

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	E01
1			3			TOTAL SHEETS
2			4			66