This drawing is property of Spring City Elect. Mfg. and is issued to the NOTE TO CONTRACTORS AND VENDORS: recipient with the understanding that it shall not be copied, duplicated, passed on to unauthorized parties, nor used for any purpose other than that for which CONDUIT AND WIRE SIZE MAY VARY DEPENDING ON PROJECT. IT IS UP TO THE CONTRACTORS OR VENDORS it is specifically furnished except with Spring City's written permission. TO SUBMIT SHOP DRAWINGS TO THE CITY ENGINEERING DEPARTMENT FOR APPROVAL TO INSURE CONFORMANCE ---- 2'-5" ---- -TWIST LOCK PHOTO CONTROL WITH THESE SPECIFICATIONS. PEDESTRIAN LUMINAIRE SPECIFICATIONS PLEASE NOTE: STYLE: SHAFT DIAMETER, TRAFFIC ARM DIAMETER, BASE PLATE SIZING HEIGHT: 39 1/2" NEW FRONTIER-WIDTH: AND ANCHOR BOLT LAYOUT AS SHOWN ARE TYPICAL. ACTUAL SPUN ALUMINUM AND CAST ALUMINUM STYLE ADAPTOR MATFRIAL. DIMENSIONS WILL BE DETERMINED BY ENGINEERING GLOBE: UV STABILIZED RIPPLED ACRYLIC SPECIFICATIONS. FINISH: FINISH PAINTED BLACK LAMPING: 150 WATT METAL HALIDE (LAMP BY OTHERS) 1'-2 1/8" DIA.-VOL TAGE: 120 VOLT MOGUL BASE SOCKET: SEGMENTED ALUMINUM REFLECTOR REFLECTOR: ELECTRICAL: GFCI DUPLEX RECEPTACLE TWIST-LOCK PHOTO CONTROL 20'-0" ARM LENGTH (TYPE "R" MAST ARM) 📤 BOLT ON TYPE SECTION A-A ARM CONNECTION SMOOTH STEEL (.14" TAPER PER FOOT) NIS -24'-10". 8 SHARP FLUTED TAPERED TRAFFIC SIGNALS AND SIGNAGE SUPPLIED BY OTHERS 7 GAUGE, TAPERED STEEL MAST ARM FOR STEEL SHAFT (7 GAUGE STEEL) (TO BE INSTALLED IN FIELD BY CONTRACTOR) TRAFFIC SIGNALS (.14" TAPER PER FOOT) △ SECTION B-B YORK LUMINAIRE SUPPLIED WITH GECL DUPLEX 16 SHARP FLUTE RECEPTACLE AND TWIST-LOCK PHOTO CONTROL 7 GAUGE STEEL 24'-10" (LOCATED OPPOSITE DUPLEX) 🖎 20" SQUARE X (.14" TAPER PER FOOT) NIS -CAST ALUMINUM WASHINGTON SIMPLE 1 1/2" THICK (BY CLAMP MOUNT TWIN CROSS ARM – & of pedestrian arm WELD (2 PLACES) 3/4" DIA. OPENING TO ⋖ ACCOMMODATE 1 1/2" DIA. 14" O.D. OF ANCHOR BOLT (4 PLACES) STEEL SHAFT & OF MAST ARM & CROOK SIGNAL AND SIGNAL ASSEMBLY 18" DIA. SUPPLIED BY OTHERS (TO BE BOLT CIRCLE INSTALLED IN FIELD BY CONTRACTOR) € OF HAND HOLE, ACCESS DOOR SIGNAL BUTTON AND SIGNAGE AND PEDESTRIAN ARM SUPPLIED BY OTHERS (TO BE SECTION C-C INSTALLED IN FIELD BY CONTRACTOR) -HOT DIP ANCHOR BOLTS (FULLY GALVANIZED) THE WASHINGTON 24'-10" STEEL POST WITH 20'-0" TRAFFIC SIGNAL MAST ARM, BISHOPS CROOK ROADWAY ARM, AND BISHOPS CROOK LUMINAIRE NOT TO SCALE STEEL POSTS AND SIGNAL MAST ARM

CITY OF NEW HAVEN DEPARTMENT OF ENGINEERING

RICHARD H. MILLER, P.E., L.S. 9886 CITY ENGINEER

ROADWAY LUMINAIRE SPECIFICATIONS

K: \ENGINEER\DWG\CITYSTD DETAILS\LIGHTING STANDARDS\2011 DETAILS

JULY 1, 2011

_D-NH-34

BISHOPS CROOK STYLE: HEIGHT: WIDTH: 17" DIAMETER SPUN ALUMINUM AND CAST ALUMINUM MATERIAL. GLOBE: REFRACTIVE POLYCARBONATE FINISH: 250 WATT METAL HALIDE (LAMP BY OTHERS) LAMPING: 120 VOLT MOGUL BASE VOL TAGE: SOCKFT: CROOK SPECIFICATIONS BISHOP'S CROOK WITH NEW FRONTIER ADAPTOR STYLE: HEIGHT: WIDTH: 2'-5" FROM & OF POST TO & OF LUMINAIRE STEEL PIPE WITH CAST ALUMINUM ORNAMENTATION MATERIAL: FINISH: PRIME PAINT THEN FINISH PAINT, SHERWIN WILLIAMS ACROLON - CLASSIC BLACK 2" NPT PIPE NIPPLE TENON: CLAMP MOUNT ARM SPECIFICATIONS STYLE: WASHINGTON SIMPLE (CLAMP MOUNT TWIN) HEIGHT: 1'-5 1/2" FROM CLAMP TO € OF LUMINAIRE WIDTH: MATERIAL: CAST ALUMINUM FINISH: PRIME PAINT THEN FINISH PAINT, SHERWIN WILLIAMS ACROLON - CLASSIC BLACK TENON: 3" DIA. X 3 1/2" HIGH SIGNAL POST SPECIFICATIONS STYLE: WASHINGTON STEEL WITH SINGLE MAST ARM HEIGHT: BASE: .36" DIAMETER MATERIAL: STEEL SHAFT: 🗥 7 GAUGE, 16 SHARP FLUTE STEEL MONOTUBE CONSTRUCTION SMOOTH TAPERED STEEL MONOTUBE CONSTRUCTION TRAFFIC ARM: TWO PIECE, (WRAP AROUND) CAST DUCTILE BASE: IRON PER A.S. T.M. A536-84, GRADE 65-45-12 PRIME PAINT THEN FINISH PAINT, SHERWIN WILLIAMS FINISH: ACROLON - CLASSIC BLACK

LOCATED IN BASE SECURED WITH TAMPER PROOF

INSIDE OF STEEL SHAFT OPPOSITE ACCESS DOOR TO

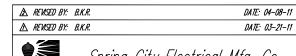
COINCIDE WITH HAND HOLE (GROUND STUD BY OTHERS)

(4) 1" DIA. X 30" + 4" HOOK (FULLY GALVANIZED WITH 2

GALVANIZED WASHERS AND 2 GALVANIZED NUTS PER BOLT)

HEX SOCKET SECURITY MACHINE SCREWS

GROUND PROVISIONS: 1/4"-20 SQUARE NUT FOR GROUND STUD WELDED TO





ACCESS DOOR:

ANCHOR BOLTS:

BOLT PROJECTION:

Spring City Electrical Mfg. Co.

HALL AND MAIN STREETS - P.O. BOX 19 - SPRING CITY, PA. 19475 PHONE (610) 948-4000 - FAX (610) 948-5577 - WWW.SPRINGCITY.COM

DESCRIPTION	THE WASHINGTON 24"—10" STEEL POST WITH 20"—0" TRAFFIC SIGNAL MAST ARM, BISHOP'S CROOK ROADWAY ARM AND BISHOP'S CROOK LUMINAIRE		
CUSTOMER			
JOB	NEW HAVEN, CT		
SCALE	DRAWN BY:	DATE	SPEC. NO.
N. T.S.	B.K.R.	03-10-11	S102007D

AS NOTED