This drawing is property of Spring City Elect. Mfg. and is issued to the recipient with the understanding that it shall not be copied, duplicated, passed NOTE TO CONTRACTORS AND VENDORS: 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 TO SUBMIT SHOP DRAWINGS TO THE CITY ENGINEERING it is specifically furnished except with Spring City's written permission. DEPARTMENT FOR APPROVAL TO INSURE CONFORMANCE TWIST LOCK PHOTO CONTROL WITH THESE SPECIFICATIONS. PEDESTRIAN LUMINAIRE SPECIFICATIONS PLEASE NOTE: 39 1/2" 20" HEIGHT: WDTH: NEW FRONTIER-SHAFT DIAMETER, TRAFFIC ARM DIAMETER, BASE PLATE SIZING MATERIAL: SPUN ALUMINUM AND CAST ALUMINUM STYLE ADAPTOR UV STABILIZED RIPPLED ACRYLIC GI ORF: AND ANCHOR BOLT LAYOUT AS SHOWN ARE TYPICAL ACTUAL FINISH PAINTED BLACK FINISH: DIMENSIONS WILL BE DETERMINED BY ENGINEERING 150 WATT METAL HALIDE (LAMP BY OTHERS) I AMPING SPECIFICATIONS. VOL TAGE: 120 VOLT 1'-2 1/8" DIA.-SOCKFT. MOGUL BASE SEGMENTED ALUMINUM REFLECTOR REFLECTOR: ELECTRICAL. GFCI DUPLEX RECEPTACLE TWIST-LOCK PHOTO CONTROL -28'-0" ARM LENGTH (TYPE "P" MAST ARM). 🔼 BOLT ON TYPE-ARM CONNECTION **--**--:=:=:=:=: SMOOTH STEEL (.14" TAPER PER FOOT) N.T.S. -7 GAUGE, TAPERED STEEL MAST ARM FOR 24'-10", 8 SHARP FLUTED TAPERED TRAFFIC SIGNALS (.14" TAPER PER FOOT) TRAFFIC SIGNALS AND SIGNAGE SUPPLIED BY OTHERS (TO BE STEEL SHAFT (7 GAUGE STEEL) INSTALLED IN FIELD BY CONTRACTOR) YORK LUMINAIRE SUPPLIED WITH GFCI DUPLEX RECEPTACLE 20" SQUARE X AND TWIST-LOCK PHOTO CONTROL (LOCATED OPPOSITE GROUND STUD (BY OTHERS) 1 1/2" THICK - € OF PEDESTRIAN ARM -CAST ALLIMINIAN WASHINGTON SIMPLE △SECTION B-E CLAMP MOUNT TWIN CROSS ARM (2 PLACES) 16 SHARP FLUTE 1 3/4" DIA. OPENING TO 7 GAUGE STEEL ACCOMMODATE 1 1/2" DIA. 14" O.D. OF (.14" TAPER PER FOOT) ANCHOR BOLT (4 PLACES) STEEL SHAFT N. T.S. & OF MAST ARM & CROOK 18" DIA. BOLT CIRCLE SIGNAL AND SIGNAL ASSEMBLY SUPPLIED BY OTHERS (TO BE INSTALLED IN FIELD BY **€** OF HAND HOLE. ACCESS DOOR AND PFDFSTRIAN ARM SIGNAL BUTTON AND SIGNAGE SECTION C-C SUPPLIED BY OTHERS (TO BE INSTALLED IN FIELD BY CONTRACTOR) -HOT DIP ANCHOR BOLTS (FULLY GALVANIZED) THE WASHINGTON 24'-10" STEEL POST WITH 28'-0" TRAFFIC SIGNAL MAST ARM, BISHOPS CROOK CULIDY. ROADWAY ARM, AND BISHOPS CROOK LUMINAIRE

3'-0" DIA.

CITY OF NEW HAVEN DEPARTMENT OF ENGINEERING

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

K:\Engineer\Dwg\CityStd DETAILS\LIGHTING STANDARDS\2011 DETAIL

JULY 1, 2011

LD-NH-31

ROADWAY LUMINAIRE SPECIFICATIONS

STYLE: HEIGHT:

17" DIAMETER WIDTH:

MATERIAL: SPUN ALUMINUM AND CAST ALUMINUM REFERACTIVE POLYCARRONATE GI ORF: FINISH:

LAMPING: 120 VOLT

VOL TAGE: MOGUL BASE SOCKET:

CROOK SPECIFICATIONS

STYLE: BISHOP'S CROOK WITH NEW FRONTIER ADAPTOR

HEIGHT:

2'-5" FROM & OF POST TO & OF LUMINAIRE WIDTH: MATERIAL: STEEL PIPE WITH CAST ALUMINUM ORNAMENTATION PRIME PAINT THEN FINISH PAINT, SHERWIN WILLIAMS FINISH: ACROLON - CLASSIC BLACK

250 WATT METAL HALIDE (LAMP BY OTHERS)

2" NPT PIPE NIPPLE

CLAMP MOUNT ARM SPECIFICATIONS

STYLE: WASHINGTON SIMPLE (CLAMP MOUNT TWIN) HFIGHT: WIDTH: 1'-5 1/2" FROM CLAMP TO € OF LUMINAIRE MATFRIAL: 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: 24'-10" 36" DIAMETER BASE: MATERIAL:

STEEL SHAFT: A 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 ACCESS DOOR: LOCATED IN BASE SECURED WITH TAMPER PROOF

HEX SOCKET SECURITY MACHINE SCREWS GROUND PROVISIONS: 1/4"-20 SQUARE NUT FOR GROUND STUD WELDED TO

INSIDE OF STEEL SHAFT OPPOSITE ACCESS DOOR TO COINCIDE WITH HAND HOLE (GROUND STUD BY OTHERS) ANCHOR BOLTS: (4) 1" DIA. X 30" + 4" HOOK (FULLY GALVANIZED WITH 2

`GALVANIZED WASHERS AND 2 GALVANIZED NUTS PER BOLT)

BOLT PROJECTION: 5" REQUIRED

> A REVISED BY: B.K.R. DATE: 04-08-11 DATE: 03-21-11 A REVISED BY: B.K.R.



N. T.S.

Spring City Electrical Mfg. Co.

03-10-11

S102007A

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 28"-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.

B.K.R.

AS NOTED

NOT TO SCALE

STEEL POSTS AND SIGNAL MAST ARM