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 on to unauthorized parties, nor used for any purpose other than that for which NOTE TO CONTRACTORS AND VENDORS: 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" HEIGHT: NEW FRONTIER-WIDTH: WIDTH: SHAFT DIAMETER, TRAFFIC ARM DIAMETER, BASE PLATE SIZING STYLE ADAPTOR MATERIAL: SPUN ALUMINUM AND CAST ALUMINUM AND ANCHOR BOLT LAYOUT AS SHOWN ARE TYPICAL ACTUAL UV STABILIZED RIPPLED ACRYLIC CLOBE: DIMENSIONS WILL BE DETERMINED BY ENGINEERING FINISH: FINISH PAINTED BLACK SPECIFICATIONS. LAMPING: 150 WATT METAL HALIDE (LAMP BY OTHERS) VOL TAGE: 120 VOLT SOCKET: MOGUL BASE REFLECTOR. SEGMENTED ALUMINUM REFLECTOR ELECTRICAL: GFCI DUPLEX RECEPTACLE TWIST-LOCK PHOTO CONTROL В 24'-10", 8 SHARP FLUTED TAPERED STEEL SHAFT (7 GAUGE STEEL) SECTION A-A SMOOTH STEEL (.14" TAPER PER FOOT) BOLT ON TYPE-NIS ARM CONNECTION \_.\_:=:=:= 7 GAUGE, TAPERED STEEL MAST ARM FOR TRAFFIC SIGNALS AND SIGNAGE SUPPLIED BY OTHERS TRAFFIC SIGNALS (.14" TAPER PER FOOT) (TO BE INSTALLED IN FIELD BY CONTRACTOR) YORK LUMINAIRE SUPPLIED WITH GFCI DUPLEX <u> ∆ SECTION B−B</u> RECEPTACLE AND TWIST-LOCK PHOTO CONTROL 20" SQUARE X 16 SHARP FLUTE (LOCATED OPPOSITE DUPLEX) 🖎 7 GAUGE STEEL 1 1/2" THICK HOLE -CAST ALUMINUM WASHINGTON SIMPLE Bλ (.14" TAPER PER FOOT) WELD (2 PLACES) – & of pedestrian arm CLAMP MOUNT TWIN CROSS ARM 4" X 6" HAND 3/4" DIA. OPENING TO ACCOMMODATE 1 1/2" DIA. 14" O.D. OF ⋖ ANCHOR BOLT (4 PLACES) STEEL SHAFT 17'-6" VALK VALK & OF MAST ARM & CROOK 18" DIA. SIGNAL AND SIGNAL ASSEMBLY SUPPLIED BY OTHERS (TO BE BOLT CIRCLE INSTALLED IN FIELD BY CONTRACTOR) € OF HAND HOLE, ACCESS DOOR AND PEDESTRIAN ARM SIGNAL BUTTON AND SIGNAGE SUPPLIED BY OTHERS (TO BE SECTION C-C -HOT DIP ANCHOR BOLTS INSTALLED IN FIELD BY CONTRACTOR) (FULLY GAL VANIZED) THE WASHINGTON 24'-10" STEEL POST WITH ACCES DOOR 1/2" CULLIA 25'-0" TRAFFIC SIGNAL MAST ARM, BISHOPS CROOK ROADWAY ARM, AND BISHOPS CROOK LUMINAIRE C 3'-0" DIA. --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 K: \ENGINEER\DWG\CITYSTD\

File:

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DATE:
JULY 1. 2011

LD-NH-32

ROADWAY LUMINAIRE SPECIFICATIONS
STYLE: BISHOPS CROOK

STYLE: BISHOPS CROOK HEIGHT: 33"

WIDTH: 17" DIAMETER
MATERIAL: SPUN ALUMINUM AND CAST ALUMINUM
CLORE DECEMBRINE DEL SCARDOMATE

GLOBE: REFRACTIVE POLYCARBONATE FINISH:

250 WATT METAL HALIDE (LAMP BY OTHERS)
LAMPING: 120 VOLT

VOLTAGE: MOGUL BASE SOCKET:

CROOK SPECIFICATIONS

STYLE: BISHOP'S CROOK WITH NEW FRONTIER ADAPTOR

HEIGHT: 6'-5 1/2"
WIDTH: 2'-5" FROM 4 OF POST TO L OF LUMINAIRE
MATERIAL: STEEL PIPE WITH CAST ALUMINUM ORNAMENTATION

FINISH: PRIME PAINT THEN FINISH PAINT, SHERWIN WILLIAMS

ACROLON - CLASSIC BLACK

TENON: 2" NPT PIPE NIPPLE

CLAMP MOUNT ARM SPECIFICATIONS

STYLE: WASHINGTON SIMPLE (CLAMP MOUNT TWIN)

HEIGHT: 12 1/4"

MDTH: 1'-5 1/2" FROM CLAMP TO L OF LUMINAIRE 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: 24'-10"

BASE: 36" DIAMETER

BASE: 36 DIAMETE
MATERIAL:

STEEL SHAFT: 🔼 7 GAUGE, 16 SHARP FLUTE STEEL MONOTUBE CONSTRUCTION
TRAFFIC ARM: SMOOTH TAPERED STEEL MONOTUBE CONSTRUCTION

BASE: TWO PIECE, (WRAP AROUND) CAST DUCTILE
IRON PER A.S.T.M. A536-84, GRADE 65-45-12
FINISH: PRIME PAINT THEN FINISH PAINT, SHERWIN WILLIAMS

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

NSIDE 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

 ▲ RENSED BY:
 B.K.R.
 DATE: 04-08-11

 ▲ RENSED BY:
 B.K.R.
 DATE: 03-21-11



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

SPEC. NO.

S102007B

THE WASHINGTON 24"-10" STEEL POST WITH 25'-0"
DESCRIPTION TRAFFIC SIGNAL MAST ARM, BISHOP'S CROOK ROADWAY
ARM AND BISHOP'S CROOK LUMINAIRE

CUSTOMER
JOB
NEW HAVEN, CT

 SCALE
 DRAINN BY:
 DATE

 N.T.S.
 B.K.R.
 03-10-11

AS NOTED