ARRANGE WITH CMP TO PROVIDE A POLE MOUNTED SERVICE TRANSFORMER FOR STREET LIGHTING CIRCUITS ALONG HANCOCK ST EXTENSION AND ALONG COMMERCIAL ST EXTENSION. STREET LIGHTING LUMINAIRES (TYPE S14) SHALL BE LEASED UNDER CMP'S MUNICIPAL STREET LIGHTING AGREEMENT STREET LIGHTING POLES, BASE COVERS, AND BRACKET ARMS SHALL BE PROVIDED UNDER THIS CONTRACT.

EXISTING CMP MANHOLE

RELOCATED CMP RISER POLE (NOTE E6)

NEW CMP RISER POLE (NOTE E6)

NEW CMP RISER POLE (NOTE 6)

2-5" CDTS

STREET LIGHTING CIRCUITS (TYPICAL FOR S14 AND S17 LIGHTS) – 2 #2, 1 #8 GND, 1-1/2" CDT–LIGHTING (240V)

HANCOCK STREET

SIDEWALK

MARINO

PARKING LOT LIGHTING CIRCUIT (TYPICAL) 2 #6, 1 #8 GND, 1-1/2" CDT (480V)

PARKING LOT LIGHTING CIRCUITS (TYPICAL) – 2 #6, 1 #8 GND (480V)

MATCHLINE SEE SHEET E201 FOR CONTINUATION

MATCHLINE SEE SHEET E203 FOR CONTINUATION

(NOTE E13) CMP MANHOLE / VERIZON MANHOLE

TRAIL

4-4" CDTS
6-4" CDTS

2-4" CDTS

ELEC PULL BOX (NOTE E15)

SURVEILLANCE CAMERA (NOTE E11)

F/A CABLE IN 1-1/2" CDT

SURVEILLANCE SYSTEM VIDEO CABLE (COAX CABLE IN 1-1/2" CDT)

SURVEILLANCE SYSTEM VIDEO CABLE (COAX CABLE IN 1-1/2" CDT)

TYPE S2 LIGHTS – CKT #1
TYPE S18 LIGHTS – CKT #3
} TYP FOR CENTER ISLAND LIGHTING

F/A CABLE FROM PAINT BUILDING

TELEPHONE & CABLE TV SERVICE

ROLL-ON ROLL-OFF RAMP SERVICE FEEDER

RECEIVING BLDG SECONDARY SERVICE

F/A CABLE TO VIS BUILDING

PADMOUNT SERVICE TRANSFORMER XFMER CMP1 (NOTE E4)

24"x24"x12" STAINLESS STEEL BOX (NOTE E7)

INTERCEPT EXISTING U'G PRIMARY CONDUIT/FEEDER AT APPROXIMATE LOCATION SHOWN. EXTEND (3)-4" CONDUITS TO EXISTING MANHOLE EMH-2 AND REDIRECT FEEDERS INTO MANHOLE FOR FUTURE USE (PROVIDE 15VA DEAD END TERMINATIONS IN MANHOLE).

RECEIVING BLDG (SEE SHTS E100-R AND E101-R)

FUTURE DOLPHIN SUBSTATION PRIMARY (1)-4" CDT (EMPTY)

2 #2, 1 #8 GND IN EXISTING CONDUIT

USE EXISTING FOUNDATION BASES

VRAP LIGHTING CIRCUIT –2 #2, 1 #8 GND (240V), 1-1/2"CDT

VRAP LIGHTING LUMINIARES (TYPE S17) SHALL BE LEASED UNDER CMP'S MUNICIPAL STREET LIGHTING AGREEMENT. LIGHTING POLES, BASE COVERS AND BRACKET ARMS SHALL BE PROVIDED UNDER THIS CONTRACT.

MATCHLINE SEE SHEET E104 FOR CONTINUATION

ELECTRICAL SITE NOTES:

1. SEE SHEET E201 FOR ELECTRICAL SITE NOTES.

ELEC

PLAN DESIGNATION 'E' AND 'S'

COVER

TEL

PLAN DESIGNATION 'T'

COVER

SURVEILLANCE SYSTEM (COAX IN 1-1/2" CDT)

F/A CABLE IN 1-1/2" CDT

SURVEILLANCE SYSTEM (2 #10, 1 #8 GND, 1"CDT)

PLAN DESIGNATION 'S'

PLAN VIEW

37 5/8"

24"

SECTION – BOX & COVER (W / STRAIGHT WALL)

EMPTY CDT FOR FUTURE USE

26"

PLAN DESIGNATION 'E' AND 'T'

PLAN VIEW

END VIEW

PULL BOX DETAIL

NOT TO SCALE

NOTES

1. BOXES AND COVERS SHALL BE RATED FOR VEHICLE TRAFFIC.
2. PROVIDE 8" GRAVEL BASE MINIMUM UNDER ALL BOXES.
3. SEE PLANS ON SHEETS E201 AND E202 FOR PULL BOX TYPE DESIGNATIONS ('E', 'T' AND 'S').

KEY PLAN

30' 0 30' 60'

BAR SCALE
1" = 30'

CHECK GRAPHIC SCALE BEFORE USING

Bartlett Design
LIGHTING & ELECTRICAL ENGINEERING
942 WASHINGTON STREET, BATH, ME 04530
TEL (207) 443-5447 FAX (207) 443-5560

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NUMBER 009215.00

PIN 009215.00

STATE OF MAINE
LAWRENCE E. BARTLETT #7928 REGISTERED PROFESSIONAL ENGINEER

Lawrence E. Bartlett
SIGNATURE
7928
P.E. NUMBER
1/7/05
DATE

	BY	DATE
PROJ. MANAGER PAUL POTTLE		
DESIGN-DETAILED	LEB	01-07-05
CHECKED-REVIEWED	LEB	
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

CITY OF PORTLAND
OCEAN GATEWAY PHASE 1

ELECTRICAL SITE
LIGHTING/DISTRIBUTION - 2

E202

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