PROPOSED DOCK MATERIAL ASTHETIC STUDY

CITY OF NEW CASTLE

NEW CASTLE COUNTY, DELAWARE

DECKING MATERIAL

- Softwood Decking (Treated Yellow Pine)
  - Usable Life Span — 8 – 10 years
  - Cost — $2.00 - $3.00 / Square foot
  - Pros — Low initial cost, natural wood
  - Cons — Short life span, maintenance cost

- Synthetic / Composite Decking
  - Usable Life Span — 10 – 12 years
  - Cost — $4.50 - $8.00 / Square foot
  - Pros — Relatively low cost, recycled materials/sustainable, low annual maintenance
  - Cons — Low structural space capacity, heating of decking, saggy, slipper

- High Density Hardwood
  - Usable Life Span — 25 – 35 years (Garapa) 30 – 50 years (IPE)
  - Cost — $6.00 - $7.50 / Square foot (Garapa)
    $8.25 – $10.50 / Square foot (IPE)
  - Pros — Long life span, low maintenance, appearance
  - Cons — Initial cost, may or may not be Forest Stewardship Council (FSC) certified

DECKING MATERIAL (CONT.)

Treated Wood Decks

DECKING MATERIAL (CONT.)

IPE Decking at Kalmar Nyckel – 7th Street Dock

DECKING MATERIAL (CONT.)

Garapa Decking/Boardwalk, Ortley Beach, New Jersey

RAILING SYSTEMS

Simplified Building Concepts

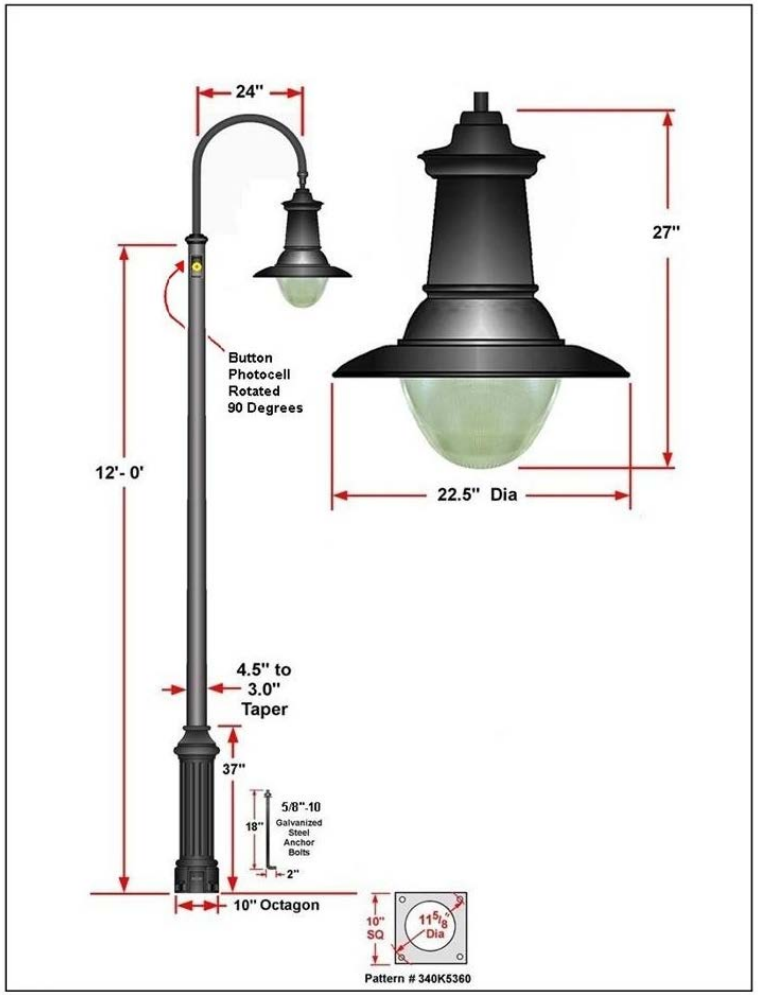
Raven Marine Railing

RAILING SYSTEMS (CONT.)

Railing – Riverfront, Wilmington, Delaware

Pier Railing, Fort Mott State Park, New Jersey

LIGHTING



PRIMARY LIGHT SOURCE:
METAL HALIDE Extended Life

WATTAGE:
150W

VOLTAGE: MULTI
TAP–120V

LENS MATERIAL:
CLEAR PRISMATIC ACRYLIC

POLE HEIGHT:
12' OAL

CONFIGURATION/MATL:
BOLT DOWN
ACCESS DOOR
ALUMINUM CONSTRUCTION

BOLT COVER:
(4) SMALL INDIVIDUAL

OPTIONS:
BUTTON PHOTOCELL AT TOP OF POST–ROTATED 90 DEGREES

FINISH:
BLACK 1003X LT

QUANTITY:
(5)

STOCK NUMBER	DESCRIPTION
F391-GX995-BA987	CHARLES 750
P654-BA211-2000	COLONNADE POST
W310P101	SINGLE CROOK

Penn Globe Charles 750

FLOATING WAVE ATTENUATORS

Wavebreak Wave Attenuator

FLOATING WAVE ATTENUATORS (CONT.)

WaveEater Wave Attenuator

(Variety of Colors Available, Including Blue)

FLOATING WAVE ATTENUATORS (CONT.)

WhisprWave Wave Attenuator
(Variety of Colors Available, Including Blue)

Questions