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
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

Penn Globe Charles 750

PRIMARY LIGHT SOURCE: METAL HALIDE Extended Life
BOLT COVER: (4) SMALL INDIVIDUAL

WATTAGE: 150W
OPTIONS: BUTTON PHOTOCELL AT TOP OF POST—ROTATED 90 DEGREES

VOLTAGE: MULTI TAP—120V
FINISH: BLACK 1003X LT

LENS MATERIAL: CLEAR PRISMATIC ACRYLIC
QUANTITY: (5)

POLE HEIGHT: 12’ OAL
CONFIGURATION/MATERIAL: BOLT DOWN ACCESS DOOR ALUMINUM CONSTRUCTION

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