LIMIT OF DUVAL COUNTY EROSION CONTROL PROJECT: R31-R80 and Mayport N.A.S. (Length is Approx. 10 mi.)

STAGING AREA EXCLUSION (SEE SHEET 9)

OCEAN STAGING/CONSTRUCTION AREA (3000'± OFFSHORE)

FOR PURPOSES OF PERMITTING NOT FOR CONSTRUCTION
FOR PURPOSES OF PERMITTING
NOT FOR CONSTRUCTION

NORTHERN PROJECT LIMIT

EROSION CONTROL LINE

EXISTING MHWL
(May 2014)

Fill placement north of R-31 TBD based on conditions.
(As of May 2014, no fill shown north of Mayport 5.)

SEAWARD EDGE
OF BERM

LANDWARD EDGE
OF BERM (Approx)

TOE OF FILL
(Approx)

POST-CONSTRUCTION MHWL(Approx)

DATE

Revision

05/12/15

olsen

associates, inc.

2618 Herschel Street
Jacksonville, FL. 32204
(904) 387-6114
COA No. 3491

DUVAL COUNTY, FL
SHORE PROTECTION PROJECT

PLAN VIEW-1

DRAWN BY:

SHEET

3 of 29
TOE OF FILL (APPROX)

POST-CON. MHWL (APPROX)

EROSION CONTROL LINE

EXISTING MHWL (May 2014)

SEAWARD EDGE OF BERM

LANDWARD EDGE OF BERM

SCALE

0 200 400 FEET

FOR PURPOSES OF PERMITTING

NOT FOR CONSTRUCTION

DUVAL COUNTY, FL
SHORE PROTECTION PROJECT

PLAN VIEW-4
TYPICAL BEACH FILL

Varies

Berm Width = 0 to 150ft

Berm Height = +8.2' (NAVD'88)

ECL

Construction Template

Existing Beach (Varies)

MAYPORT 2

NORTHERN LIMIT(S) OF FILL ALONG THE AUTHORIZED PROJECT (JETTY TO R 80) TBD BASED ON PREVAILING CONDITIONS. (AS OF MAY 2014, NO FILL SHOWN NORTH OF MAYPORT 5.)

MHW

MLW

Existing Profile (May 2014)

MAYPORT 5

FILL WILL NOT BE PLACED WHERE THE EXISTING BEACH PROFILE IS HIGHER AND/OR WIDER THAN THE CONSTRUCTION TEMPLATE AT THE TIME OF RENOURISHMENT, TYPICAL

Approx. Berm Width = 42ft

Berm Height = +6.2'

ECL

Construction Template (Typ.)

Existing Profile (May 2014)

NOTE: BERM WIDTHS WILL VARY BASED UPON PREVAILING CONDITIONS

NOT FOR CONSTRUCTION
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DUVAL COUNTY, FL
SHORE PROTECTION PROJECT

PROFILES (2 of 11)
NOTE: BERM WIDTHS WILL VARY BASED UPON PREVAILING CONDITIONS

NOT FOR CONSTRUCTION

olsen

DUVAL COUNTY, FL
SHORE PROTECTION PROJECT

PROFILES (4 of 11)
NOTE: BERM WIDTHS WILL VARY BASED UPON PREVAILING CONDITIONS

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NOT FOR CONSTRUCTION
TYPICAL DUNE SECTION

Dune Crest Width Varies
Dune Height = +16.5' (max.)

Dune Slope = 2 to 3
Construction Template (Typ.)
(Conditions Vary)

Existing Veg. Line

Dune Slope = 1.5

Dune Fill (typ)

Width Varies

Beach Fill Berm Height = +8.2

Existing Grade
(Conditions Vary)

TYPICAL DUNE PLAN

LANDWARD EDGE OF EXISTING VEGETATION (VARIES)

DUNE CRESCENT

SEAWARD DUNE SLOPE

NO PLANTING ZONE

EXISTING FOOTPATHS / WALDOVERS

DUNE PLANTS

PLANTS SHALL CONSIST OF THE FOLLOWING:

a) 65% TO 100% SEA OATS (UNIOLA PANICULATA)
b) 0% TO 15% PANICGRASS (PANICUM AMARUM)
c) 0% TO 15% NATIVE VINES AND/OR VARIOUS
PLANTS FROM THE FOLLOWING LIST:
SEA PURSLANE (SESEVULUM PORTULACSTRUM)
RAILROAD VINE (IPOMOEA PES-CAPRAE)
BEACH MORNING GLORY (IPOMOEA PURPURE IMPERATI)
BAY BEAN (CANAVALIA ROSEA)
DUNE SUNFLOWER (HELIANTHUS DEBILIS; NOT VESTITUS)
BEACH ELDER (IVA IMBRICIATA)
BLANKET FLOWER (GAIIARIDA PULCHELLA)
INKBERRY (SCAEVOLA PLUMIERI)
BEACH CROTON (CROTON PUNTATUS)
SEASHORE DROPSIZED (SPOROBOLUS VIRGINICUS)
SEAS OX-EYE DAISY (BOMBICHA PRUNESCENS)
VIRGINIA CREEPER (PARTHENOCISSUS QUINQUEFOLIA)

NOTE: BERM WIDTHS WILL VARY BASED UPON PREVAILING CONDITIONS
NOT FOR CONSTRUCTION

DUVAL COUNTY, FL
SHORE PROTECTION PROJECT

PROFILES (11 of 11)
INTERIOR POINTS

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FOR PURPOSES OF PERMITTING
NOT FOR CONSTRUCTION

EXTERIOR (PERIMETER) LIMITS

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