

October 29, 2015

**TOWN OF NAGS HEAD
SAND RELOCATION PROGRAM
CONTRACTOR WORKSHOP**



WORKSHOP OVERVIEW

- ✘ Background
- ✘ Authorization process
- ✘ Rules and requirements
- ✘ Inspection and follow-up
- ✘ Contractor list



BACKGROUND

Process to deal with
migrating sand

Normal CAMA Process =
CAMA Minor
(up to two weeks)

Sand Relocation Process =
Expedited Authorization
(same day)



BACKGROUND

Tied to Town's CAMA Major for Beach Nourishment

For clearing of structures only

Minimize disturbance
(Not for removal of dunes
& viewshed enhancement)

Sand to stay within "the system"

Need to maintain healthy dunes
and dune vegetation!!!



AUTHORIZATION PROCESS

New for this year:

- ✘ One on-site meeting
- ✘ Staff fills out application with contractor
- ✘ Staff documents conditions
- ✘ Authorization is issued on-site
- ✘ Work can begin ASAP



AUTHORIZATION PROCESS

- ✘ Questions you need to answer

PROJECT DESCRIPTION

AREA OF DISTURBANCE _____ sq. ft.

VOLUME OF DISTURBANCE _____ cu. ft.

(Not including sand removal from paved surfaces)

DEPTH OF EXCAVATION _____ ft.

EQUIPMENT USED _____

PLACEMENT LOCATION _____

ROUTE FOR TRANSPORT _____

VEGETATION REMOVAL? YES NO

If so, how much? _____ sq. ft.

PROJECT START DATE _____

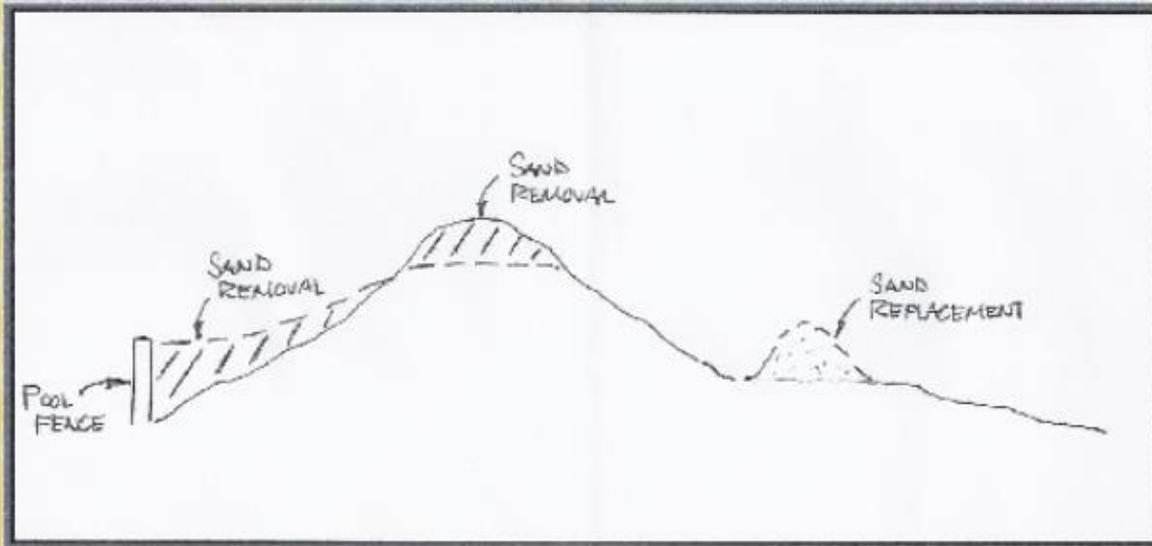
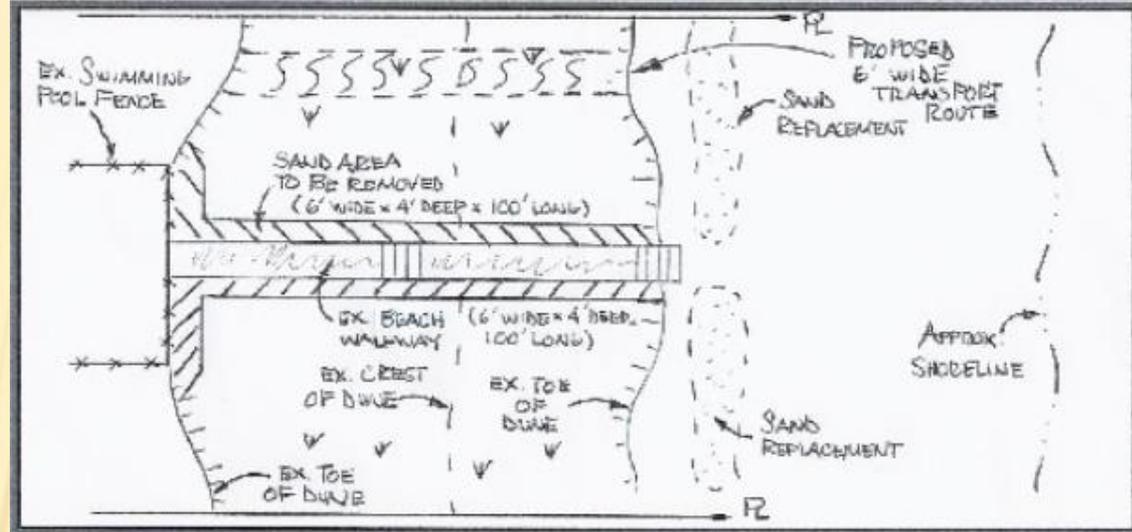
BEACH ACCESS TO BE USED FOR STAGING/
ENTRY? _____ N/A

(if necessary, a \$500 deposit will be required).



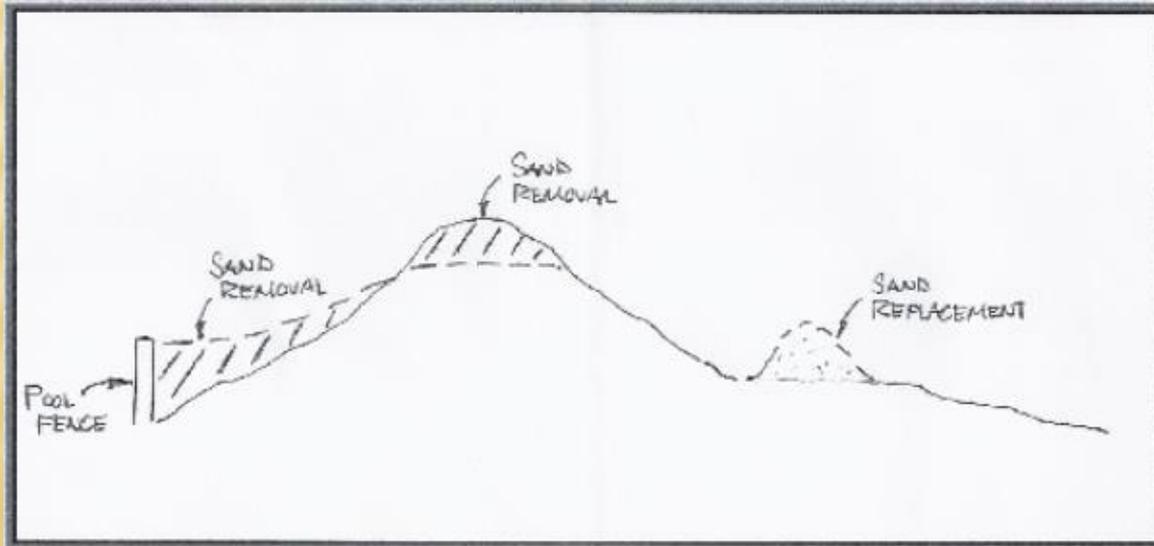
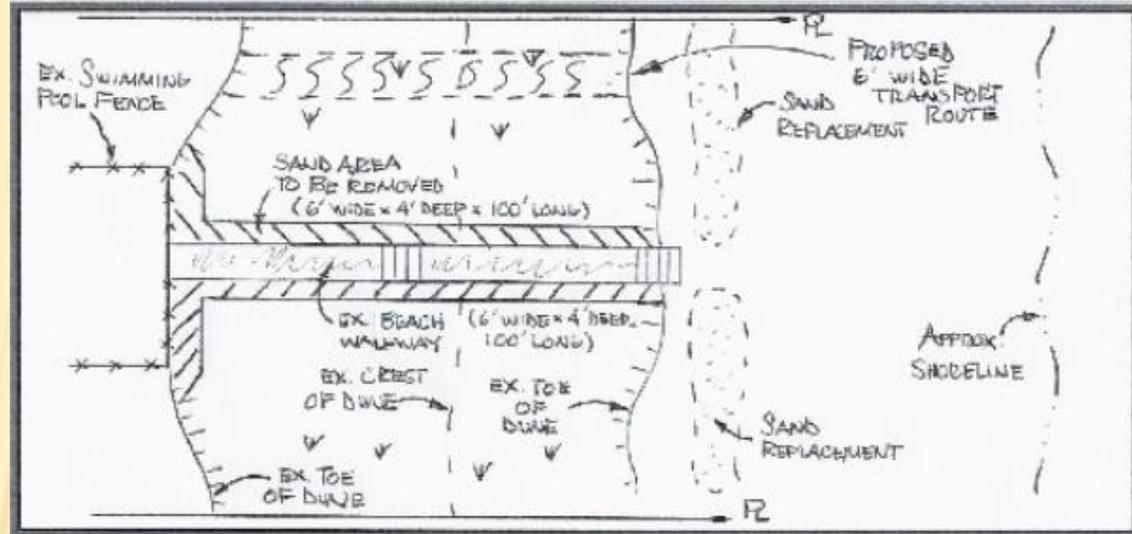
AUTHORIZATION PROCESS

- ✘ Staff will assist you with two sketches



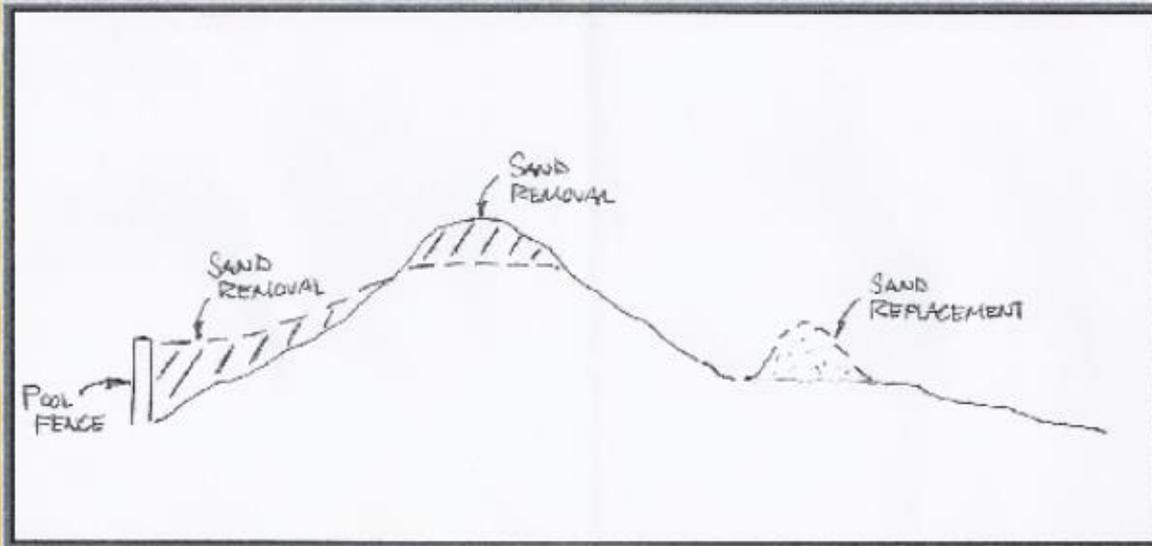
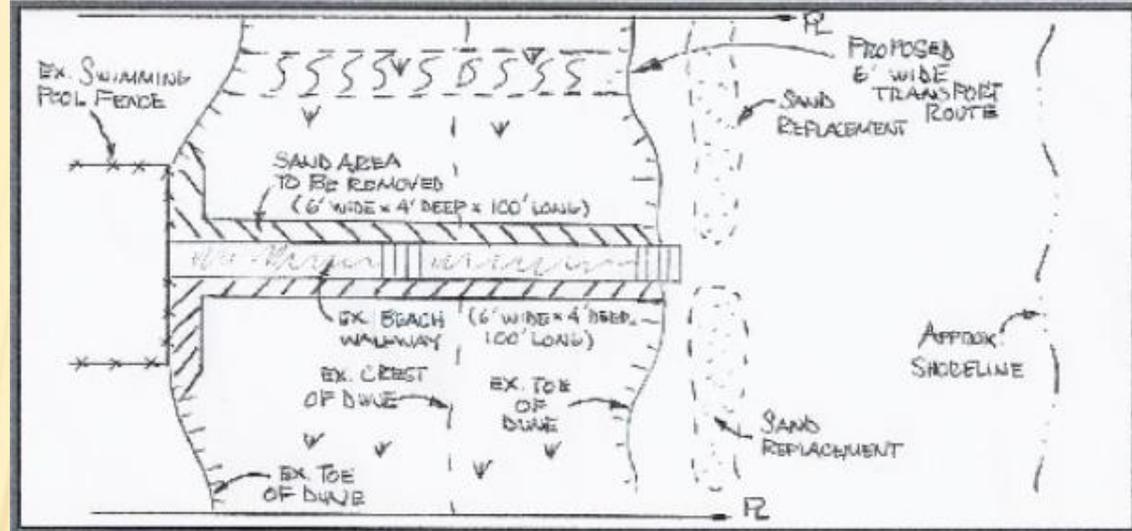
RULES AND REQUIREMENTS

- ✘ Clearing allowed; generally six feet around buildings, pools, walkways, gazebos



RULES AND REQUIREMENTS

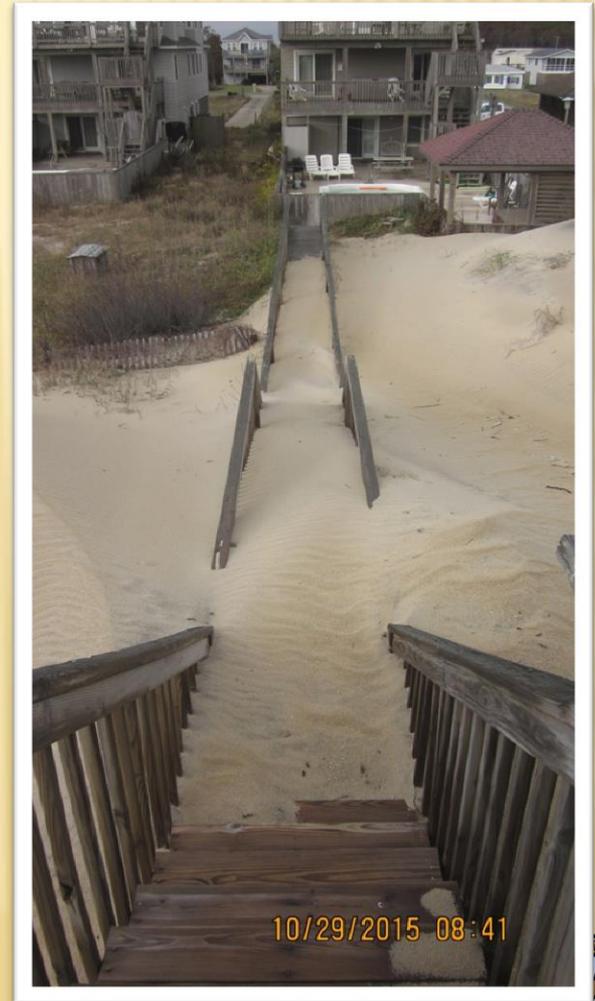
- ✘ Limits on excavation through dunes



- ✘ Depth of excavation generally limited to height of handrail

RULES AND REQUIREMENTS

✘ Examples



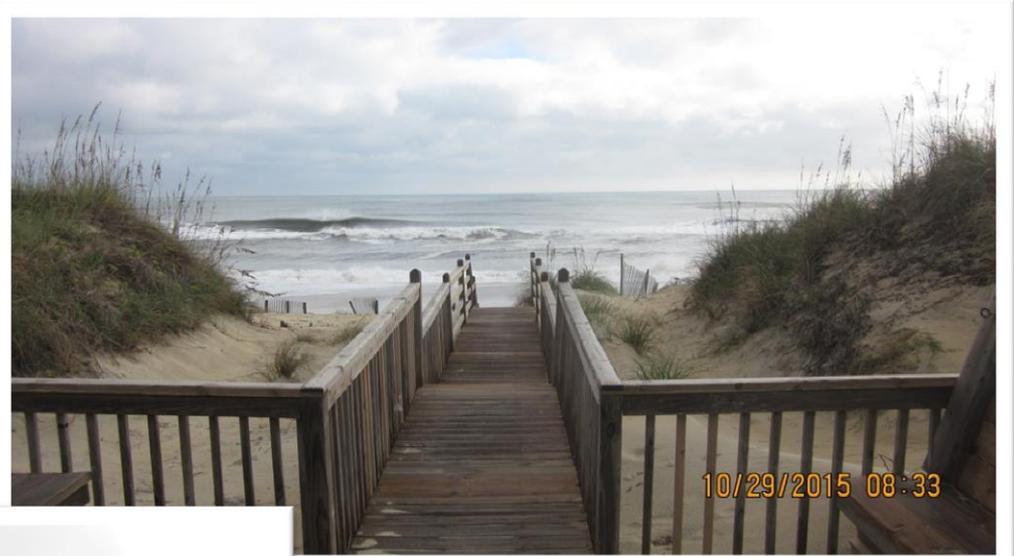
RULES AND REQUIREMENTS

✘ Examples



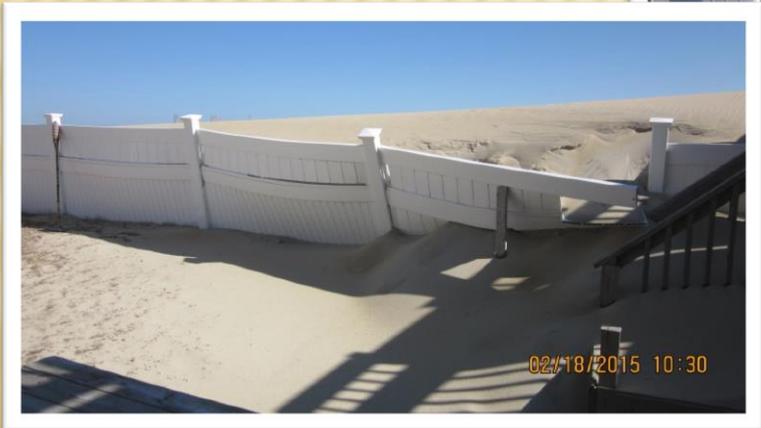
RULES AND REQUIREMENTS

✘ Examples



RULES AND REQUIREMENTS

✘ Examples



RULES AND REQUIREMENTS

✘ Examples



RULES AND REQUIREMENTS

✘ Authorization Conditions

- Dune disturbance must be the minimum necessary.
- Work only Monday through Friday from 8:30 am to 5:00 pm. unless you receive pre-authorization
- NO “beach pushing”/bulldozing of beach sand.
- Altered dunes shall be restored to pre-disturbance conditions
- Maintain natural slope as closely as possible.
- Sand placement on beach shall be no closer than 30 ft. to normal high water and must stay within property boundaries.
- Stay within property boundaries



RULES AND REQUIREMENTS

✘ Authorization Conditions

- Sand must stay within “the system”
- Needs to be placed on dune or beach or to a location approved by the Town



RULES AND REQUIREMENTS

✘ Authorization Conditions

- Projects disturbing more than 1,000 s.f. or 100 cu/yd of sand require sprigging or fencing
- Restoration required for vegetation disturbance > than 20 s.f.



RULES AND REQUIREMENTS

Sand Fence Installation

- ✘ Maximum 10' from dune toe
- ✘ 7' spacing between sections
- ✘ Maximum 10' sections
- ✘ Angled 45' to ocean

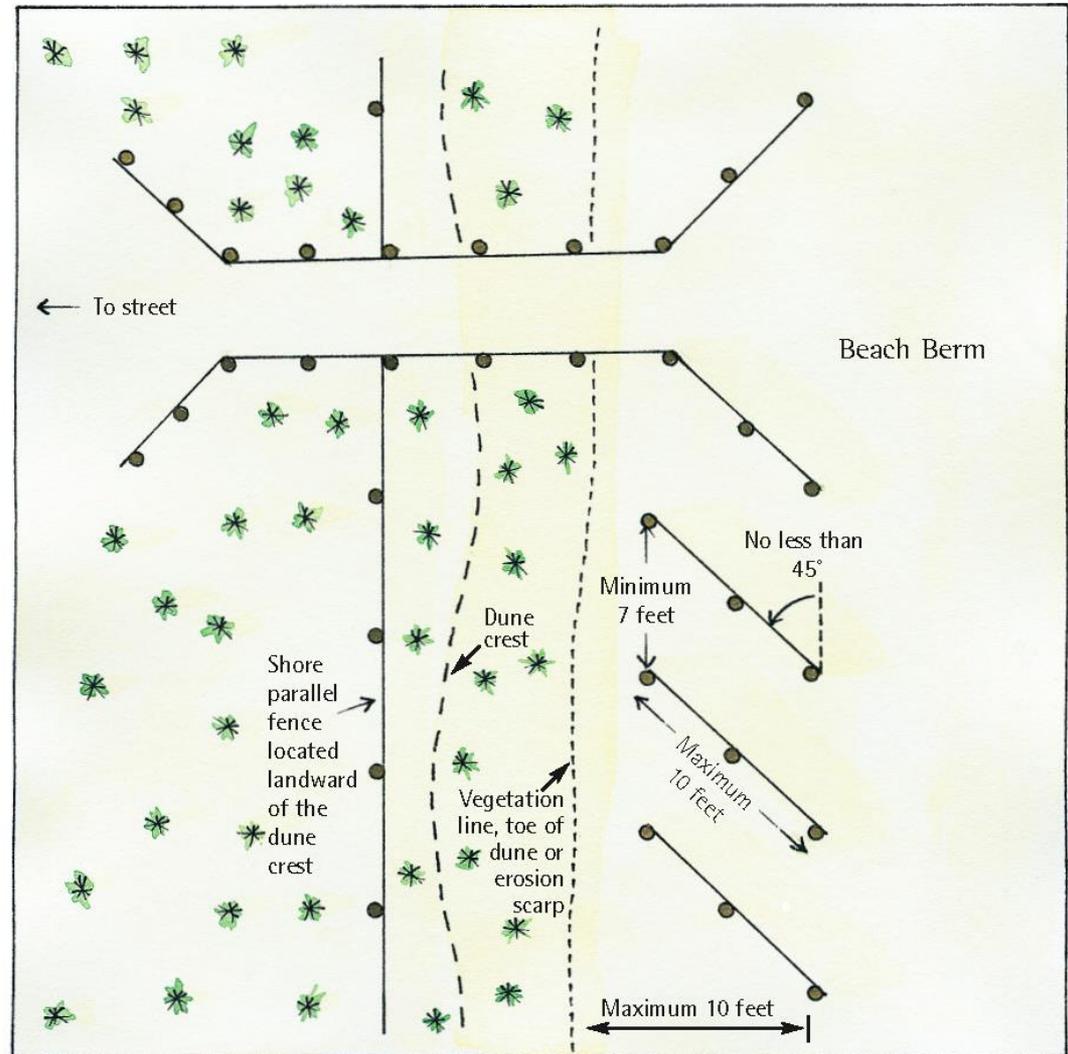


Figure P: Examples of sand fence installations are shown that may be allowed under state and federal regulations. The shore parallel fence is located landward of the dune crest.

RULES AND REQUIREMENTS

Sprigging

- ✘ American Beach Grass through Mid-March
- ✘ Sea Oats through late spring
- ✘ Fertilize!
- ✘ Dune Book pages 20-24 for planting guidelines

http://ncseagrant.ncsu.edu/ncseagrant_docs/products/2000s/dune_book.pdf



RULES AND REQUIREMENTS

Timeframe

- ✘ Work can begin on November 16, 2015
- ✘ Permit applications accepted until April 15, 2016
- ✘ Work must be complete by April 20, 2016
- ✘ All corrective measures completed by April 30, 2016



RULES AND REQUIREMENTS

Limits of Authorization

- ✘ Bonnett St. beach access to southern town limits
- ✘ Work north of this area will require CAMA minor permit

Need to advise your clients of rules and requirements as you scope the project!!!!



INSPECTION AND FOLLOW-UP

- All permits will require a final inspection
- Deviations require authorization or will result in corrective actions (fines \$50 to \$500 per day)!!
- Work must be completed and inspected by April 20, 2016
- All corrective measures completed and inspected by April 30, 2016



INSPECTION AND FOLLOW-UP

Contacts:

Todd Krafft – todd.krafft@nagsheadnc.gov

252-449-6047.

Kim Allen – kim.allen@nagsheadnc.gov

252-449-6046.

Planning Department Main # 252-441-7016.

Give us at least 24-48 hours notice before requesting an on-site meeting!!!!



INSPECTION AND FOLLOW-UP

Contractor list

- ✘ Town will maintain a list of all contractors who attended the training
- ✘ This will be provided to property owners who need assistance
- ✘ Those who cannot attend can meet with Todd Krafft to review the presentation



QUESTIONS

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