

TECHNICAL ACCEPTANCE	
CRG	BY
ENGINEERING ORGANIZATION	DATE
WALKDOWN INFORMATION	
CRG	BY
AS-BUILT INFORMATION	DATE

REMOVE EXISTING CAP
REPLACE WITH 20"X16"
CASTING-IN-PLACE
CONCRETE CAP
(SEE DETAIL 1 - SHEET 4)

EXISTING CONCRETE
PANEL (DEPTH OF TOE
UNKOWN)

SECTION DETAIL E-E
SCALE 1=2'6"

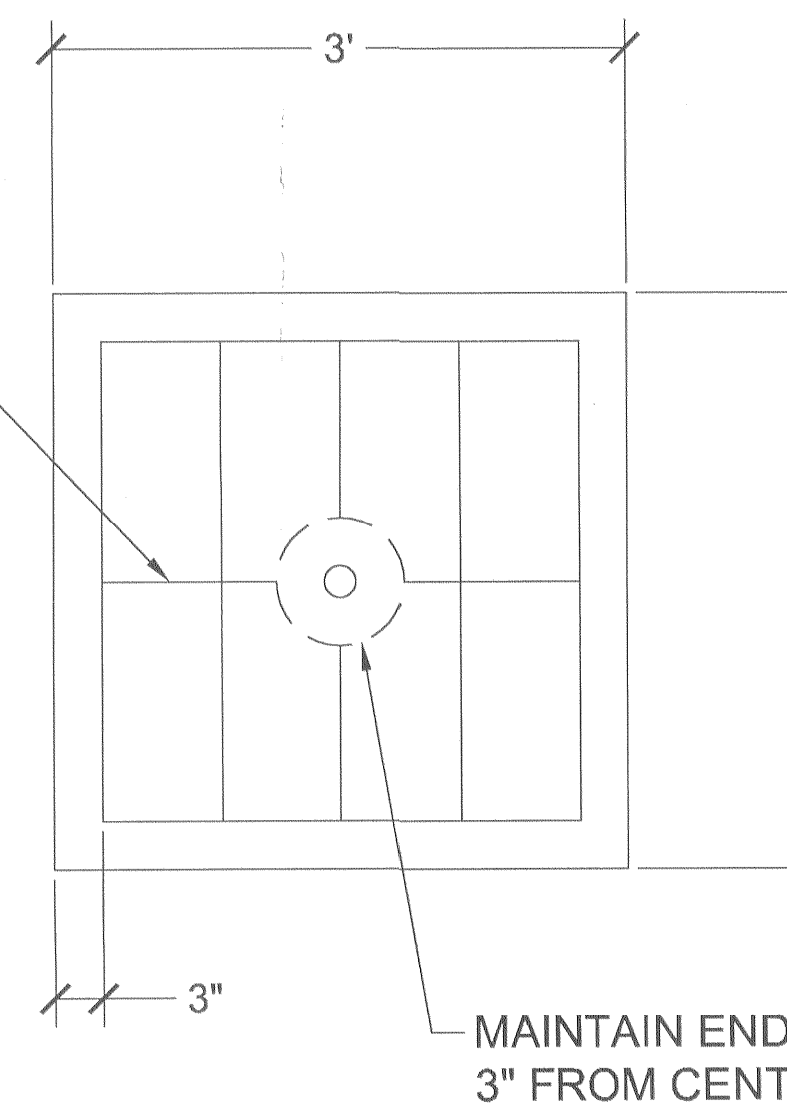
BACKFILL & COMPACT
TO 98% STANDARD
PROCTOR
UPON IN INSTALLING
DEADMAN

4.25' NGVD

1-1/2" TIEROD IN P.V.C.
SLEEVE (SEE SHEET 6)

3' X 3' CONCRETE
DEADMAN
SEE DETAIL

#4 @ 6" O.C.



DETAIL 2- SECTION & PROFILE VIEW OF DEADMAN
SCALE 1"=1'

WEIGHT APPROX.
900 LBS.

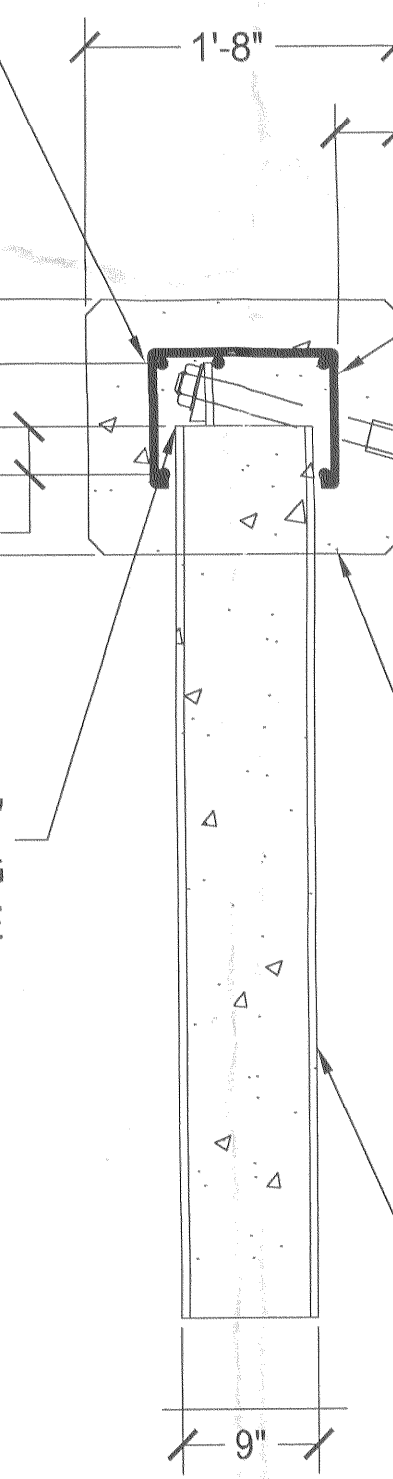
2" DIA. P.V.C.

1 1/2" DIA.
STEEL TIEROD

1/2" STEEL PLATE

MAINTAIN END OF BAR
3" FROM CENTER HOLE

#6 X 5 - SPACED AS SHOWN



DETAIL 1- SECTION VIEW THROUGH EXISTING PANEL AND NEW CAP
SCALE 1"=1'

4.25' NGVD

4" MIN. COVERAGE

STIRRUPS
#4 @ 12" CENTERS

2" Ø PVC
CASTING

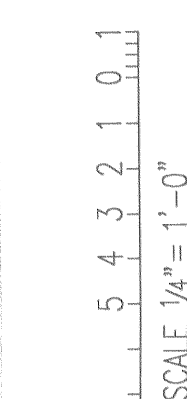
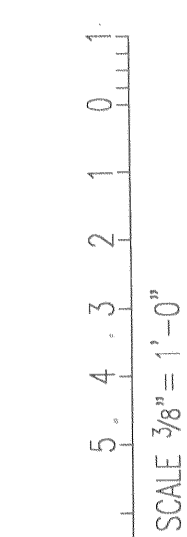
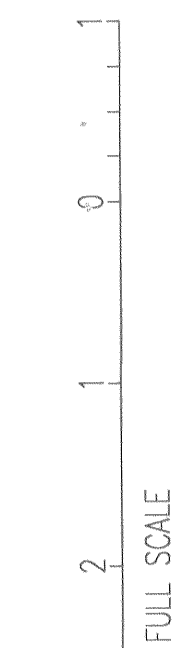
1 1/2" Ø STEEL TIEROD X 20' LONG

EMBED PVC
INTO CONCRETE
MIN. OF 2"

CAST-IN-PLACE CONCRETE
Fc= 5,000 PSI WITH WATER
CONTENT ≤ 0.40

EXISTING CONCRETE
PANEL

4" X 4" X 1/2"
STEEL BEARING
PLATE



NOTE: NOT TO BE USED FOR CONSTRUCTION UNLESS APPROVED.
APPROVED: _____ DATE: _____

P.E. SEAL		TITLE	
		DETAIL & SECTION VIEWS ATLANTIC AVE. SEAWALL RESTORATION	
PROJECT NAME		CITY OF SUNNY ISLES BEACH SEAWALL REPLACEMENT AND RESTORATION	
REV	DATE	REVISION DESCRIPTION	BY CH COR APR
1	01-29-03	SUNNY ISLES BUILDING DEPT. & CALVIN, GIORDANO COMMENTS	JW RJC RJC

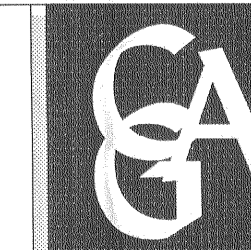
P.E. SEAL

TITLE

DETAIL & SECTION VIEWS
ATLANTIC AVE. SEAWALL RESTORATION

PROJECT NAME

CITY OF SUNNY ISLES BEACH
SEAWALL REPLACEMENT AND RESTORATION



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CAD FILE NAME	CAD ARCHIVE NAME
-	-
SCALE	DRAWING SIZE
SCALE AS SHOWN	D (36 X 24)
REVISION	SHEET
1	4 OF 7
DRAWING NUMBER	
03-034,035,036	