POSSIBLE IMPROVEMENTS

- Best management practices
  - o Clean storm sewer inlets four times per year
  - o Street/hard surface cleaning four times per year
  - o Remove cladophora when significant amount accumulates in swash zone
  - o Implement storm water ordinances for future development
  - o Public Signage (No Pets, Don't feed the birds, Pick up trash)
  - o Daily to weekly beach grooming
- Beach Nourishment to increase infiltration, decrease swash zone width, and increase beach area
- Line edge of beach with dune grass to stabilize sand, increase infiltration, increase evapotrasporation, and detract birds
- Remove end of Lake Park Dr. and replace with rain garden. Discharge storm sewer into rain garden to infiltrate and filter "first flush" storm water
- Install second rain garden in park area. Extend proposed second storm sewer discharge to rain garden to infiltrate and filter additional "first flush" storm water

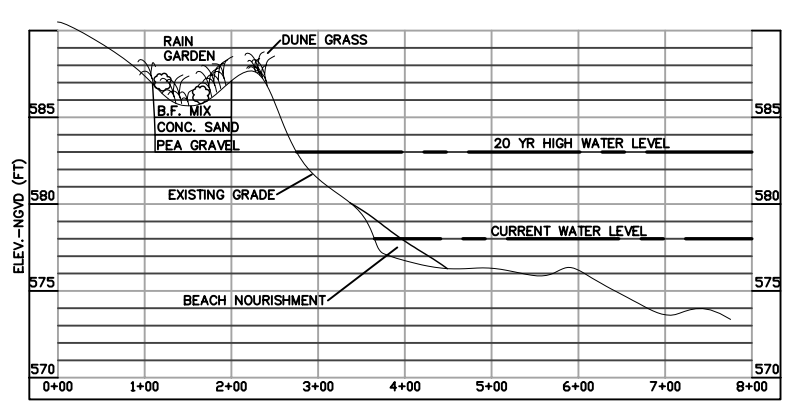
DRAWING SCALE

0 30 60

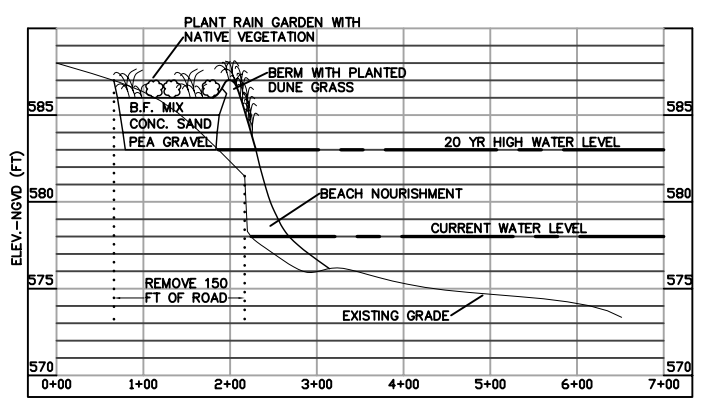
(IN FEET)
1 inch = 30 ft.
(SCALE VALID FOR 24"x36" PLAN)

NOTE: PROPERTY LINE, CONTOUR AND ORTHO PHOTO INFORMATION SHOWN HEREON IS APPROXIMATE, AND WAS TAKEN FROM DATA PROVIDED BY THE DOOR COUNTY SOIL AND WATER CONSERVATION DEPARTMENT.

BEACH CROSS SECTION A–A'



BEACH CROSS SECTION B–B'



LAKESIDE PARK BEACH

E. COLI REDUCTION CONCEPT PLAN

LEGEND

- PROPERTY LINE
- 584 EXISTING CONTOURS (NGVD29 ELEV.)
- ST EXISTING STORM SEWER
- PROPOSED STORM SEWER
- EXISTING CURB INLET
- PROPOSED MANHOLE
- DUNE GRASS
- SOIL BORING

NO.	DATE	DESCRIPTION	BY
3	4/10/07	ISSUED FOR SWCD REVIEW	SCJ
2	4/9/07	BEACH NOURISHMENT EDITS	SCJ
1	4/2/07	TEXT AND LEGEND EDITS	SCJ

PRELIMINARY, NOT FOR CONSTRUCTION

CONCEPTUAL DESIGN

MILLER ENGINEERS SCIENTISTS
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DOOR COUNTY
BEACH STORM WATER MANAGEMENT
LAKESIDE PARK BEACH
JACKSONPORT, WI

SCALE	DATE	BY	SHEET
HOR. 1"=30"	2/15/07	SCJ	2 2
VER. AS SHOWN	JOB 17326-B-LAKESIDE	CK PGP	OF