
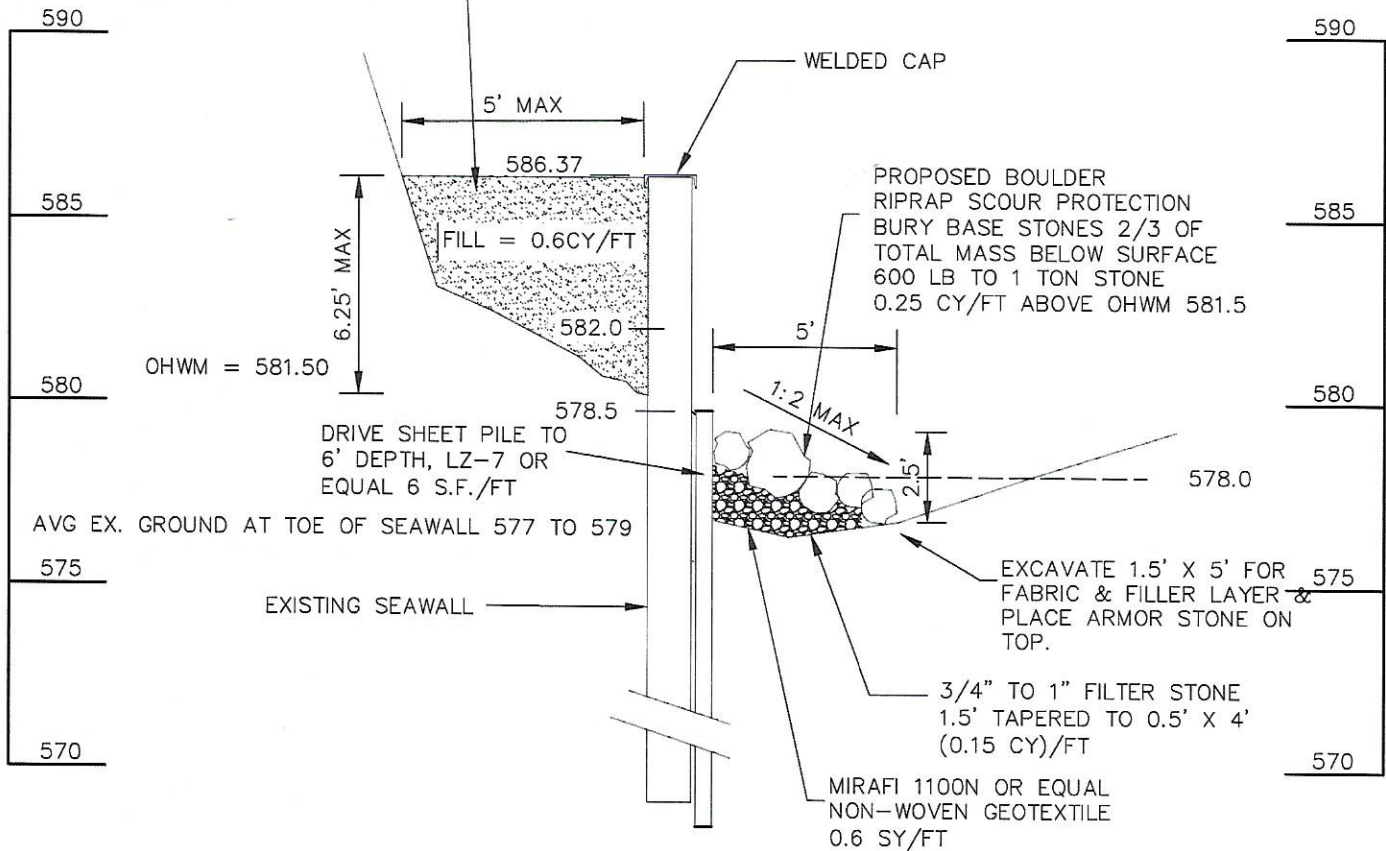


PLAN VIEW
SCALE: 1" = 40'

RECEIVED
SEP 30 2016

FOR: Great Lakes Shores Subdivision Worth Twp, MI 48450		TITLE: LAKEVIEW RD SHORELINE PROTECTION		LOCATION: LAKEVIEW ROAD GREAT LAKES SHORES WORTH TOWNSHIP, MI		NO.	REVISION
		DRAWN BY: MWQ	DATE: 09-08-2016				
		CHECKED BY: MWQ	PAGE: 1 OF: 7	APPROVED: MWQ	SCALE: AS NOTED		

PLACE EXCAVATED SAND BEHIND WALL WHERE SOILS HAVE PREVIOUSLY SUBSIDED. ANY EXCESS SAND WILL BE PLACED IN SPACE BETWEEN VOIDS BETWEEN ARMOR STONE



A-A' SEAWALL REPAIR & PROTECTION DETAIL

SCALE: 1" = 5'

FOR:

Great Lakes Shores
Subdivision
Worth Twp, MI
48450



TITLE: LAKEVIEW RD SHORELINE PROTECTION

DRAWN BY:
MWQ

DATE:
09-08-2016

CHECKED BY:
MWQ

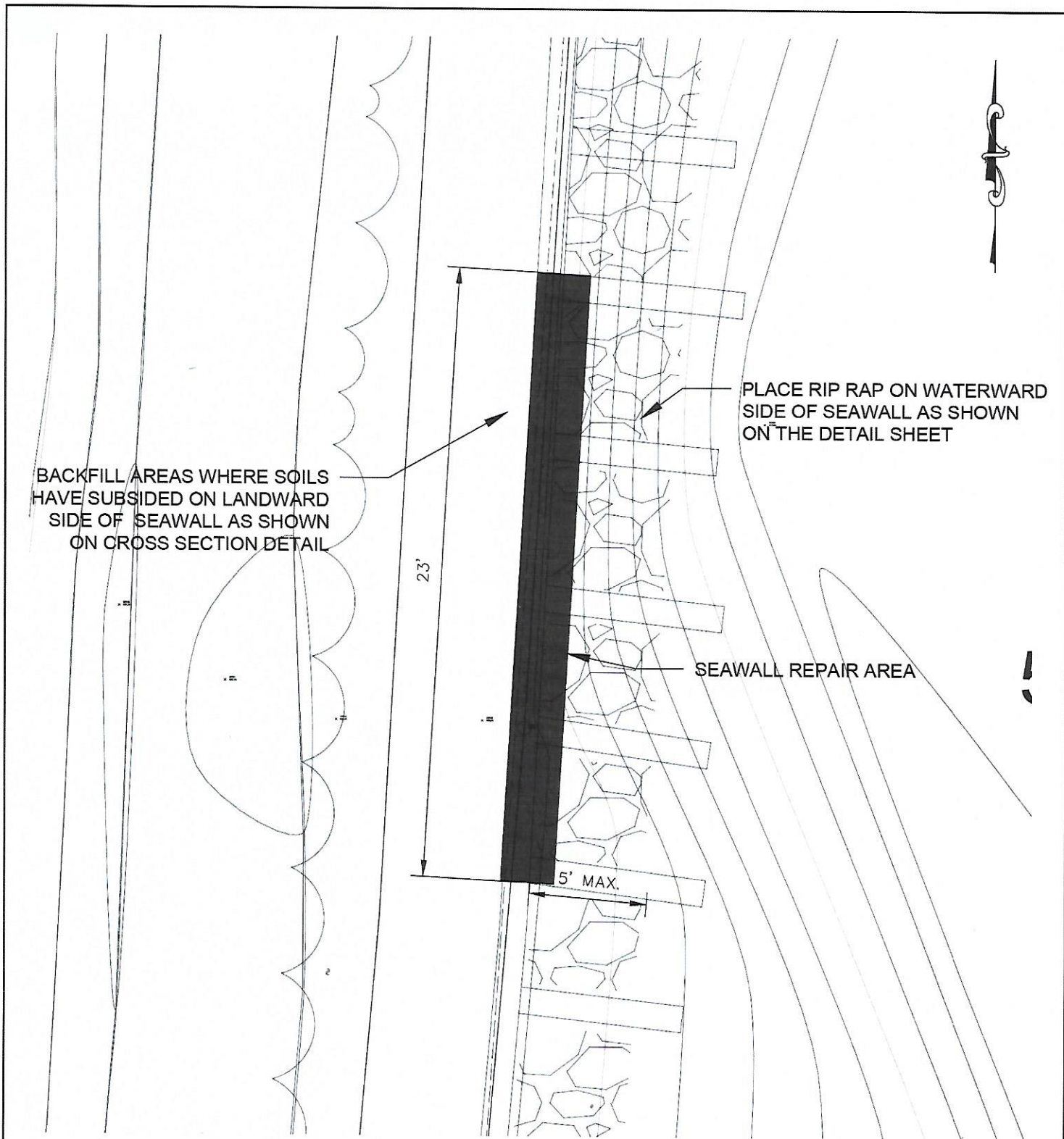
PAGE: 2
OF: 7

LOCATION: LAKEVIEW ROAD
GREAT LAKES SHORES
WORTH TOWNSHIP, MI


APPROVED:
MWQ

SCALE:
AS NOTED

NO.	REVISION



SEAWALL DETAIL — A
 SCALE: 1" = 5'

FOR: Great Lakes Shores Subdivision Worth Twp, MI 48450		TITLE: LAKEVIEW RD SHORELINE PROTECTION		LOCATION: LAKEVIEW ROAD GREAT LAKES SHORES WORTH TOWNSHIP, MI		NO.	REVISION
		DRAWN BY: MWQ	DATE: 09-08-2016				
		CHECKED BY: MWQ	PAGE: 3 OF: 7	APPROVED: MWQ	SCALE: AS NOTED		

590

BACKFILL AREAS WHERE SOILS HAVE
SUBSIDED ON LANDWARD SIDE OF
SEAWALL (AS SHOWN ON CROSS
SECTION DETAIL)

5' MAX.

18'

SEAWALL REPAIR AREA

PLACE RIP RAP ON WATERWARD SIDE
OF SEAWALL AS SHOWN ON THE
DETAIL SHEET

SEAWALL DETAIL — B

SCALE: 1" = 5'

FOR:

Great Lakes Shores
Subdivision
Worth Twp, MI
48450



TITLE: LAKEVIEW RD SHORELINE PROTECTION

DRAWN BY:
MWQ

DATE:
09-08-2016

LOCATION: LAKEVIEW ROAD
GREAT LAKES SHORES
WORTH TOWNSHIP, MI

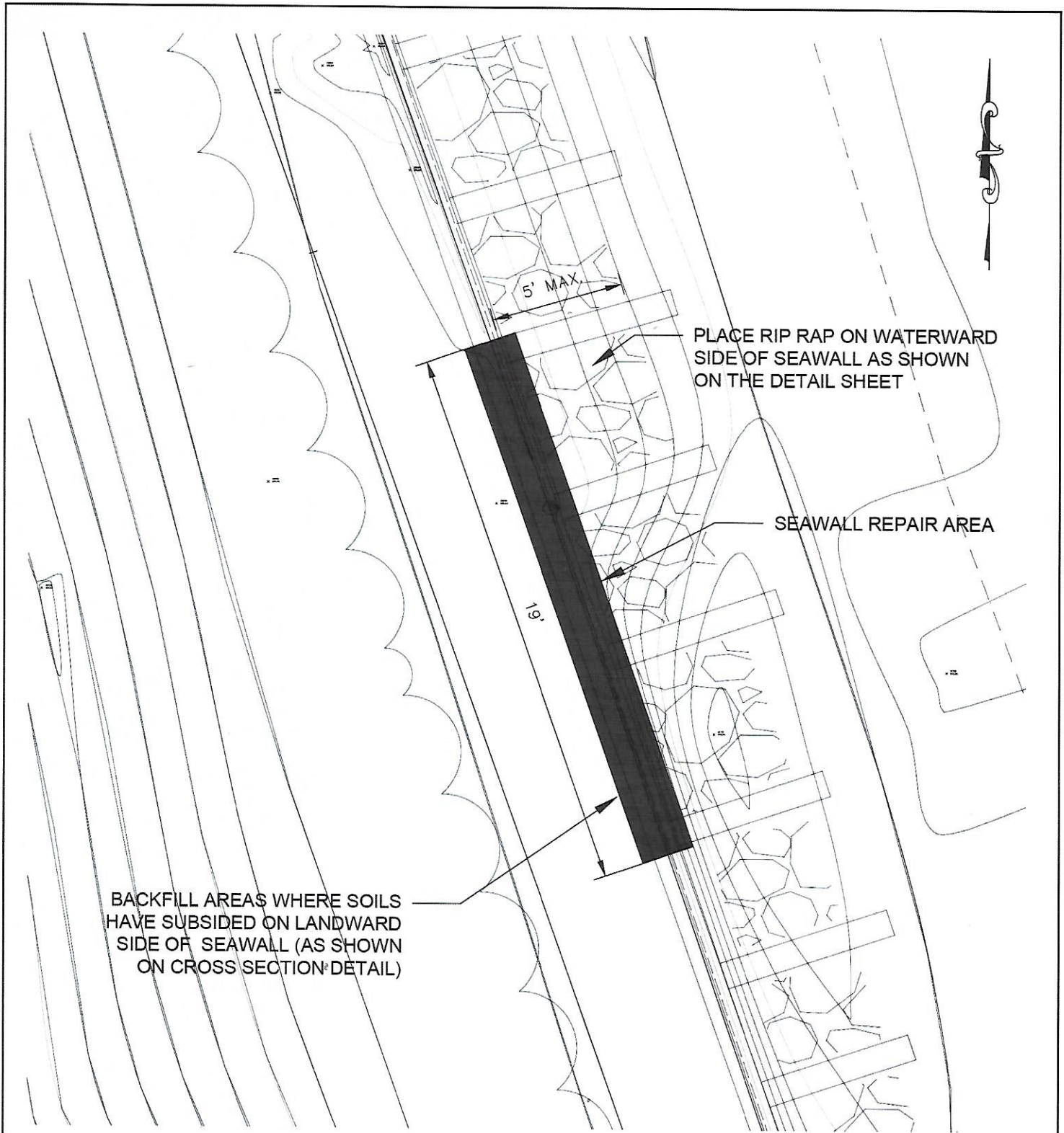
CHECKED BY:
MWQ

PAGE: 4
OF: 7

APPROVED:
MWQ

SCALE:
AS NOTED

NO. REVISION




SEAWALL DETAIL — C
 SCALE: 1" = 5'

FOR: Great Lakes Shores Subdivision Worth Twp, MI 48450		TITLE: LAKEVIEW RD SHORELINE PROTECTION		LOCATION: LAKEVIEW ROAD GREAT LAKES SHORES WORTH TOWNSHIP, MI		NO.	REVISION
		DRAWN BY: MWQ	DATE: 09-08-2016				
		CHECKED BY: MWQ	PAGE: 5 OF: 7	APPROVED: MWQ	SCALE: AS NOTED		




AREA WHERE BACKFILL IS
NEEDED ON THE LANDWARD
SIDE OF THE SEAWALL

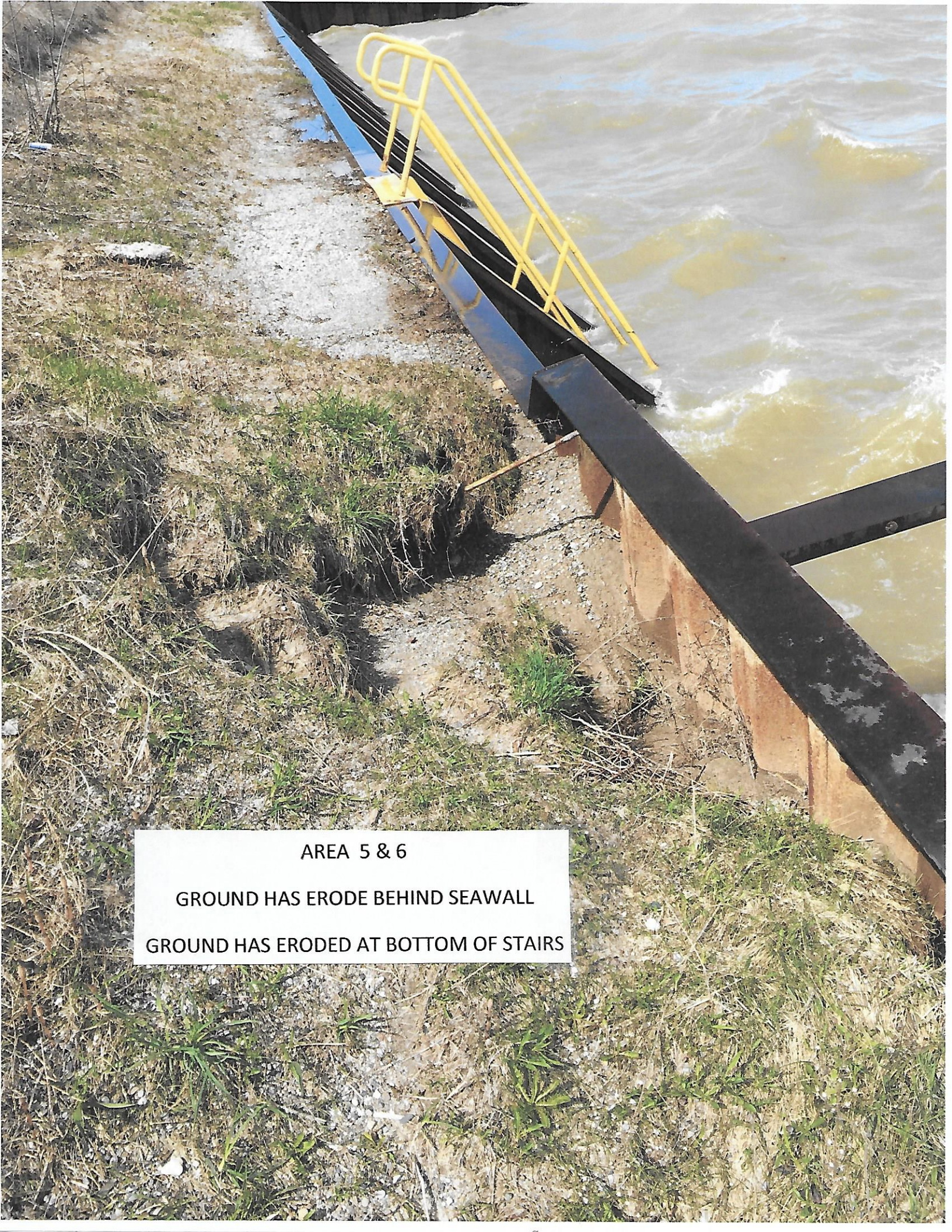
PHOTOS

FOR: Great Lakes Shores Subdivision Worth Twp, MI 48450		TITLE: LAKEVIEW RD SHORELINE PROTECTION		LOCATION: LAKEVIEW ROAD GREAT LAKES SHORES WORTH TOWNSHIP, MI		NO.	REVISION
		DRAWN BY: MWQ	DATE: 09-08-2016				
		CHECKED BY: MWQ	PAGE: 6 OF: 7	APPROVED: MWQ	SCALE: AS NOTED		



PHOTOS

FOR: Great Lakes Shores Subdivision Worth Twp, MI 48450		TITLE: LAKEVIEW RD SHORELINE PROTECTION		LOCATION: LAKEVIEW ROAD GREAT LAKES SHORES WORTH TOWNSHIP, MI		NO.	REVISION
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		CHECKED BY: MWQ	PAGE: 7 OF: 7	APPROVED: MWQ	SCALE: AS NOTED		



AREA 5 & 6

GROUND HAS ERODE BEHIND SEAWALL

GROUND HAS ERODED AT BOTTOM OF STAIRS



