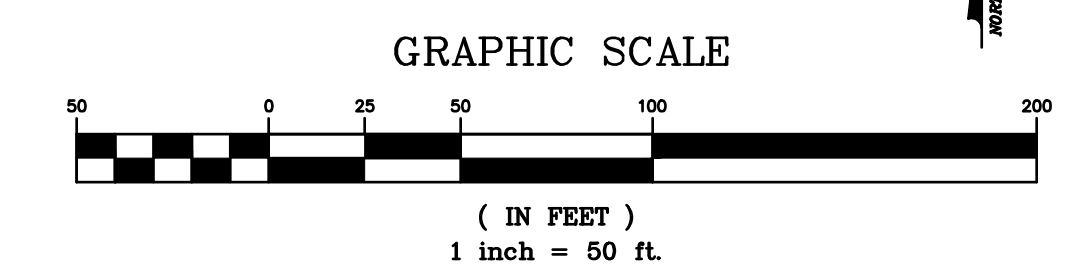


| SEASONAL SLIP TABLE | | | | | |
|-------------------------|-------------|--------------------------|----------|------------|---------|
| SLIP LENGTH | FENDER PILE | DOUBLE-LOADED SLIP WIDTH | | SLIP COUNT | PERCENT |
| | | PROPOSED | PROPOSED | | |
| 25' | NO | 4' | 27* | 20 | 20.8% |
| 30' | YES | 4' | 33' | 35 | 36.5% |
| 40' | YES | 4' | 38' | 23 | 24.0% |
| 50' | YES | 4' | 44' | 9 | 9.4% |
| 60' | YES | 5' | 49' | 7 | 7.3% |
| 80' | YES | 6' | 56** | 2 | 2.1% |
| TOTAL SLIP COUNT | | | | 96 | - |
| TOTAL BROADSIDE MOORING | | | | 136' | - |

NOTES:

UNLESS OTHERWISE INDICATED, THE DIMENSIONS INDICATED IN THIS TABLE ARE TAKEN FROM THE MICHIGAN DEPARTMENT OF NATURAL RESOURCES (MDNR) PARKS & RECREATION BUREAU HARBOR DEVELOPMENT STANDARD GUIDANCE.

** - DIMENSION RECOMMENDATIONS BASED ON TOBIASSON AND KOLLMAYER, "MARINAS AND SMALL CRAFT HARBORS, SECOND EDITION."



| | | | |
|-----|-----------------------|-----|------------|
| 1 | OPTION 'B' | DAD | 12-14-2012 |
| NO. | REVISION DESCRIPTION: | BY: | DATE: |

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F. GRANT MOORE
 MUNICIPAL MARINA
 CITY OF BOYNE CITY, MI

PROPOSED MARINA LAYOUT
 MAIN BASIN DIMENSION PLAN
 OPTION "B"

DRAWN BY: **DJL/DAD**
 DESIGNED BY: **DAD**
 PM REVIEW: **CJC**
 QA/QC REVIEW:

DATE: **12-14-2012**

SIGNATURE:

DATE:

HARD COPY IS INTENDED TO BE 24" X 36" WHEN PLOTTED. SCALE(S) INDICATED AND GRAPHIC QUALITY MAY NOT BE ACCURATE FOR ANY OTHER SIZES.

SCALE:
 HORZ: 1" = 50'
 VERT: N/A

ACI JOB # **12-0842**

SHEET NO. **2 of 2**