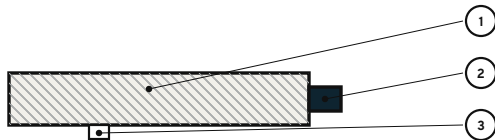


1
01 FRONT ELEVATION
SCALE: GRAPHIC SCALE



A
01 FRAME EDGE SECTION
SCALE: NOT TO SCALE



THE PANEL IS THE BINDING CONSTRAINT

THE RULE ASKS FOR 16.00 IN AT 400 FT.
THE 90 IN MEASURE CARRIES 16.65 IN AT
NATURAL WIDTH. THE PANEL CLEARS THE RULE
BY 0.65 IN, SO PANEL WIDTH GOVERNS, NOT
SIGHTLINE. AT 600 FT THE RULE WOULD ASK
24 IN AND THE PANEL WOULD HAVE TO GROW.
CONFIRM THE SIGHTLINE ON SITE BEFORE THE
BULKHEAD STRUCTURE IS DESIGNED.



DETAIL A KEYED NOTES

- 1 EXTRUDED ALUM PERIMETER FRAME
POWDER COAT. NOT MILL FINISH.
- 2 ACM 6MM, EDGE ROUTED AND RETURNED
A RAW CUT EDGE WICKS AND DELAMINATES.
- 3 Ø3/8" WEEP AT 24 IN O.C., LOW EDGE
A SEALED FRAME TRAPS CONDENSATE.

GENERAL NOTES

- 01 IDENTIFICATION RULE, 1 IN OF CAP PER 25 FT. THE READER
ALREADY KNOWS THE WORD AND IS CONFIRMING IT.
- 02 ASSUMED IDENTIFICATION SIGHTLINE 400 FT FROM THE CREEK
CHANNEL. $400 / 25 = 16.00$ IN MINIMUM CAP. THE SIGHTLINE IS A
SITE CONDITION AND IS STATED AS AN ASSUMPTION, NOT MEASURED.
- 03 AT A 600 FT SIGHTLINE THE CAP GOES TO 24 IN AND THE PANEL TO
11 FT 4 IN, WHICH THE BULKHEAD STRUCTURE WOULD HAVE TO BE
DESIGNED FOR. SEE THE SENSITIVITY NOTE.
- 04 THE NAME STACKS. TWELVE CHARACTERS ON ONE LINE AT THIS CAP
IS ROUGHLY 13 FT OF LETTERING.
- 05 EACH WORD IS SET AT WHATEVER CAP FILLS THE 90 IN MEASURE AT
NATURAL WIDTH. SEVERN 16.65 IN, REACH 19.80 IN. NEITHER WORD
IS SCALED HORIZONTALLY.
- 06 TYPE IS NEVER CONDENSED TO FIT. SQUEEZING THE FACE THINS THE
VERTICAL STROKES AND LEAVES THE HORIZONTALS ALONE, WHICH
BOTH BREAKS THE WEIGHT AND COSTS RETROREFLECTIVE AREA ON
EXACTLY THE STROKES THAT CARRY THE LETTER.
- 07 LEGEND IS TYPE XI RETROREFLECTIVE. THE FIELD IS MATTE. A
FULL REFLECTIVE PANEL UNDER A SPOTLIGHT IS ITSELF A GLARE
SOURCE.
- 08 ACM 6MM SET IN A WELDED ALUMINUM PERIMETER FRAME. ROUT AND
RETURN THE PANEL EDGE. A RAW CUT EDGE EXPOSED TO SALT WICKS
AND DELAMINATES.
- 09 FRAME MUST WEEP. A SEALED FRAME TRAPS CONDENSATE AND THE
PANEL FAILS FROM THE BACK WHERE NOBODY SEES IT.
- 10 PANEL FACES THE CHANNEL APPROACH, NOT THE DOCK.
- 11 TYPEFACE OVERPASS BOLD. CAP HEIGHT IS SPECIFIED, NOT POINT
SIZE.

MATERIAL KEY

- FIELD 0E2430 MATTE, NON-REFLECTIVE
- LEGEND ASTM D4956 TYPE XI PRISMATIC
- NYLON ISOLATION COMPONENT

REFERENCES

NFPA 303 FIRE PROTECTION STANDARD FOR MARINAS AND BOATYARDS
2010 ADA STANDARDS 235.2 / 703.2 / 1003
ASTM D4956 RETROREFLECTIVE SHEETING, TYPE XI

REVISIONS

REV	DATE	DESCRIPTION
A	2026-08-24	ISSUED FOR PORTFOLIO REVIEW ARTWORK IS PLACEHOLDER.
B	2026-08-27	ARTWORK ISSUED. SCHEDULE RECONCILED. CAP HEIGHTS MEASURED OFF THE DRAWN FILES, NOT PREDICTED FROM FONT METRICS.

SEVERN REACH MARINA

WAYFINDING + ENVIRONMENTAL GRAPHICS

KEVIN CAMPBELL

thekevincampbell.com

MARINA IDENTIFICATION

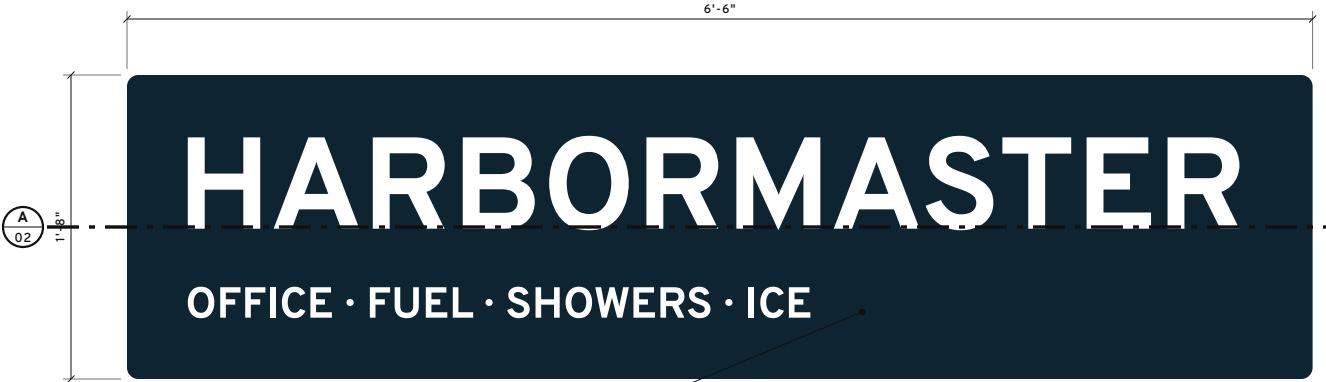
SIGN TYPE ID.1

SCALE	DATE	REV	DRAWN
AS NOTED	2026-08-27	B	KJC

SELF-DIRECTED PROJECT. SEVERN REACH MARINA IS NOT A REAL BUSINESS.

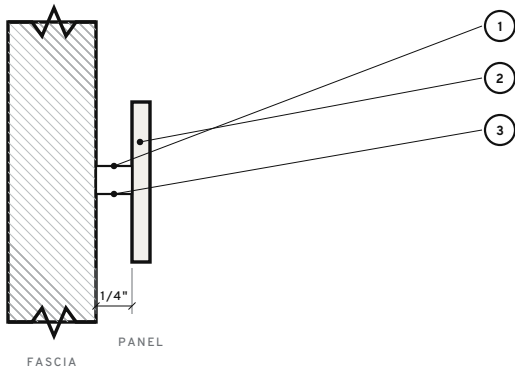
SHEET 01 OF 10

1
02 FRONT ELEVATION
SCALE: GRAPHIC SCALE



SERVICE LINE, WHITE ON FIELD, 14.04:1
2 IN CAP, READ AT THE DOOR, NOT FROM THE LOT

A
02 SECTION THRU STANDOFF
SCALE: NOT TO SCALE



WHY THE GAP

A PANEL FLUSH TO A FASCIA HOLDS WATER
BEHIND IT WHERE NOBODY LOOKS, AND STAINS
OR ROTS THE FASCIA IN TWO SEASONS.
THE GAP ALSO LETS THE PANEL AND THE
BUILDING MOVE THROUGH FREEZE AND THAW.



DETAIL A KEYED NOTES

- 1 316 SS STANDOFF BARREL, 1/4" PROJECTION
THE AIR GAP DRAINS AND VENTS.
- 2 1/8" ALUM PANEL, POWDER COAT
- 3 316 SS SET SCREW
NOT 304.

GENERAL NOTES

- 01 LANDSIDE, NON-REFLECTIVE. NO BOATER READS THIS SIGN AND NO NIGHT VISION IS AT STAKE, SO REFLECTIVITY IS NOT SPENT HERE.
- 02 IDENTIFICATION RULE AT A 150 FT READER DISTANCE FROM THE LOT. $150 / 25 = 6$ IN CAP.
- 03 PANEL IS THE DARK FIELD, NOT SHORE. LEGEND AND SERVICE LINE ARE BOTH WHITE AT 14.04:1. SLATE ON A DARK PANEL MEASURES 2.89:1 AND IS BANNED SYSTEM WIDE, WHICH IS WHY THE SERVICE LINE IS NOT SET IN IT.
- 04 SERVICE LINE AT A 2 IN CAP. AT 150 FT THAT IS BELOW THE IDENTIFICATION FLOOR AND IS NOT MEANT TO BE READ FROM THE LOT. IT IS READ AT THE DOOR, WHICH IS WHERE ITS INFORMATION IS ACTED ON.
- 05 TWO CAPS ON ONE PANEL. HARBORMASTER 6 IN, SERVICE LINE 2 IN. THE NAME IS IDENTIFICATION AT 150 FT AND THE SERVICE LINE IS A LIST READ AT ARM'S LENGTH.
- 06 MOUNT ON 1/4 IN STANDOFFS. A PANEL FLUSH TO A FASCIA HOLDS WATER BEHIND IT AND STAINS OR ROTS THE FASCIA WITHIN TWO SEASONS.
- 07 THE AIR GAP ALSO LETS THE PANEL AND THE BUILDING MOVE INDEPENDENTLY THROUGH FREEZE AND THAW.
- 08 ALL EXPOSED FASTENERS 316 STAINLESS.
- 09 TYPEFACE OVERPASS BOLD. CAP HEIGHT IS SPECIFIED, NOT POINT SIZE.

MATERIAL KEY

- FIELD 0E2430 MATTE, NON-REFLECTIVE
- LEGEND ASTM D4956 TYPE XI PRISMATIC
- NYLON ISOLATION COMPONENT

REFERENCES

NFPA 303 FIRE PROTECTION STANDARD FOR MARINAS AND BOATYARDS
2010 ADA STANDARDS 235.2 / 703.2 / 1003
ASTM D4956 RETROREFLECTIVE SHEETING, TYPE XI

REVISIONS

REV	DATE	DESCRIPTION
A	2026-08-24	ISSUED FOR PORTFOLIO REVIEW ARTWORK IS PLACEHOLDER.
B	2026-08-27	ARTWORK ISSUED. SCHEDULE RECONCILED. CAP HEIGHTS MEASURED OFF THE DRAWN FILES, NOT PREDICTED FROM FONT METRICS.

SEVERN REACH MARINA
WAYFINDING + ENVIRONMENTAL GRAPHICS

KEVIN CAMPBELL
thekevincampbell.com

HARBORMASTER BUILDING ID
SIGN TYPE ID.2

SCALE AS NOTED	DATE 2026-08-27	REV B	DRAWN KJC
-------------------	--------------------	----------	--------------

SELF-DIRECTED PROJECT. SEVERN REACH MARINA IS NOT A REAL BUSINESS.

SHEET 02 OF 10

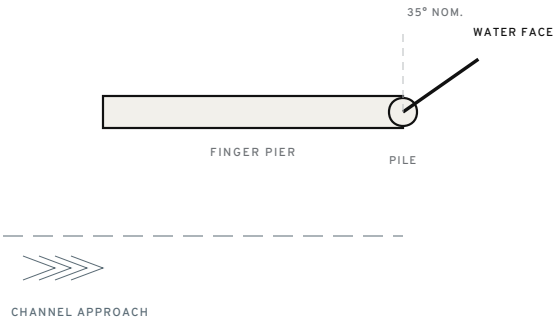
1
03 WATER FACE
SCALE: GRAPHIC SCALE



2
03 PIER FACE
SCALE: GRAPHIC SCALE



3
03 ORIENTATION PLAN
SCALE: NOT TO SCALE



WHY THE ANGLE

- 1 THE READER ARRIVES FROM THE WATER NOT FROM ALONG THE DOCK.
- 2 A DOCK-ALIGNED SIGN SHOWS ITS EDGE A 1/2 IN EDGE IS NOT A SIGN.
- 3 SET FROM THE CHANNEL CENTRELINE CONFIRM ON SITE, 35° IS NOMINAL.

SPECIFY THE ANGLE OR LOSE IT

AN INSTALLER WITH NO ANGLE ON THE DRAWING WILL MOUNT THE SIGN SQUARE TO THE DOCK, BECAUSE SQUARE LOOKS CORRECT FROM THE PIER. IT IS WRONG FROM THE ONLY PLACE THE SIGN IS READ FROM.

GENERAL NOTES

- 01 TWO FACES, TWO ORIENTATIONS. THE WATER FACE IS SET PERPENDICULAR TO THE CHANNEL APPROACH, NOT PARALLEL TO THE DOCK. A SIGN ALIGNED TO THE DOCK PRESENTS ITS EDGE TO THE ONLY READER WHO NEEDS IT.
- 02 DECISION RULE AT A 40 FT READER DISTANCE. $40 / 10 = 4$ IN REQUIRED, 6 IN SPECIFIED. THE DOCK LETTER IS THE PRIMARY ORIENTATION CUE AND IS DELIBERATELY OVERSIZED.
- 03 WATER FACE LEGEND IS TYPE XI RETROREFLECTIVE. PIER FACE IS NON-REFLECTIVE.
- 04 HDPE 1/2 IN. SOLID COLOR THROUGH THE SHEET. A FENDER SCRAPER SHOWS THE SAME COLOR UNDERNEATH.
- 05 ALL EXPOSED FASTENERS 316 STAINLESS WITH NYLON SHOULDER BUSHINGS. SEE SHEET 04 SECTION A.
- 06 MOUNT THE WATER FACE TO THE OUTBOARD PILE AT THE DOCK HEAD. MOUNT THE PIER FACE AT THE GATE.
- 07 SET THE WATER FACE ANGLE FROM THE CHANNEL CENTRELINE ON SITE. THE ANGLE SHOWN IS NOMINAL.

MATERIAL KEY

- FIELD 0E2430 MATTE, NON-REFLECTIVE
- LEGEND ASTM D4956 TYPE XI PRISMATIC
- NYLON ISOLATION COMPONENT

REFERENCES

NFPA 303 FIRE PROTECTION STANDARD FOR MARINAS AND BOATYARDS
2010 ADA STANDARDS 235.2 / 703.2 / 1003
ASTM D4956 RETROREFLECTIVE SHEETING, TYPE XI

REVISIONS

REV	DATE	DESCRIPTION
A	2026-08-24	ISSUED FOR PORTFOLIO REVIEW ARTWORK IS PLACEHOLDER.
B	2026-08-27	ARTWORK ISSUED. SCHEDULE RECONCILED. CAP HEIGHTS MEASURED OFF THE DRAWN FILES, NOT PREDICTED FROM FONT METRICS.

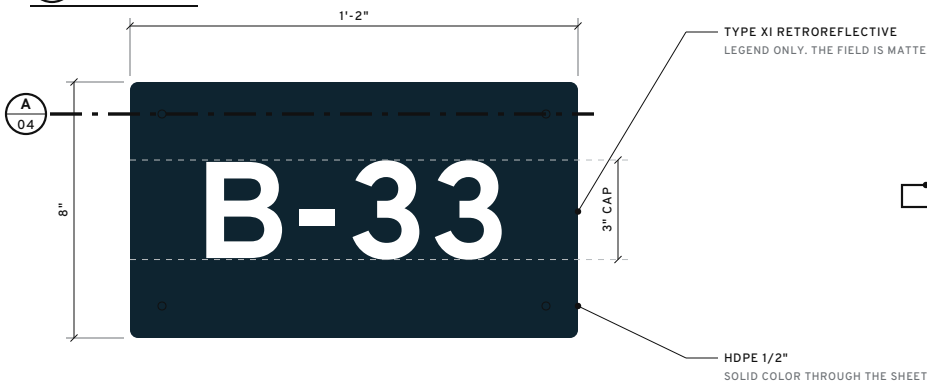
SEVERN REACH MARINA
WAYFINDING + ENVIRONMENTAL GRAPHICS

KEVIN CAMPBELL
thekevincampbell.com

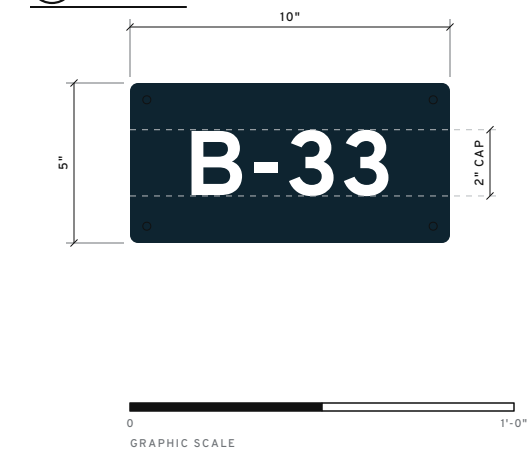
DOCK LETTER MARKER
SIGN TYPE ID.3

SCALE AS NOTED	DATE 2026-08-27	REV B	DRAWN KJC
-------------------	--------------------	----------	--------------

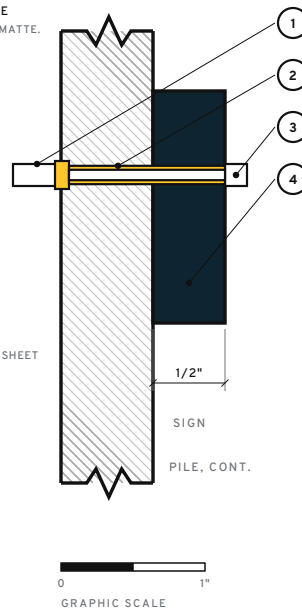
1 WATER FACE
SCALE: GRAPHIC SCALE



2 PIER FACE
SCALE: GRAPHIC SCALE



A SECTION THRU MOUNTING
SCALE: GRAPHIC SCALE



SECTION A KEYED NOTES

- 316 SS THROUGH-BOLT
NOT 304. THE MOLYBDENUM IS THE POINT.
- NYLON SHOULDER BUSHING
ISOLATES THE HEAD AND SHANK TOGETHER.
- 316 SS NYLOC NUT, FENDER WASHER
- HDPE 1/2" PANEL
COLOR RUNS THROUGH. A SCRAPE DOES NOT SHOW.

CRITICAL: DO NOT SUBSTITUTE

A NYLON WASHER UNDER THE HEAD IS NOT SUFFICIENT. THE HEAD IS ISOLATED AND THE SHANK AND THREADS STILL BEAR ON THE BORE, COMPLETING THE GALVANIC CIRCUIT THROUGH THE EXACT PATH THE WASHER WAS MEANT TO BREAK. SPECIFY THE SHOULDER BUSHING.

GENERAL NOTES

- TWO SIGNS PER SLIP. DRAWING 1 MOUNTS ON THE OUTBOARD FINGER-PIER PILE. DRAWING 2 MOUNTS AT THE INBOARD WALKWAY EDGE. TWO READERS STAND IN TWO DIFFERENT PLACES.
- WATER FACE CAP DERIVED FROM A 25 FT READER DISTANCE AT THE DECISION RULE OF 1 IN PER 10 FT. REQUIRED 2.5 IN, SPECIFIED 3 IN. ROUND UP, NEVER DOWN.
- PIER FACE COMPUTES TO 0.8 IN AT AN 8 FT READER DISTANCE. THE NFPA 303 FLOOR OF 2 IN GOVERNS INSTEAD, SO 2 IN IS WHAT IS DRAWN.
- LEGEND ONLY IS RETROREFLECTIVE. A FULL REFLECTIVE PANEL UNDER A HANDHELD SPOTLIGHT IS ITSELF A GLARE SOURCE AND DESTROYS THE NIGHT VISION THIS SYSTEM EXISTS TO PROTECT.
- ALL EXPOSED FASTENERS 316 STAINLESS. 304 PITS IN CHLORIDES. SPECIFY EXPLICITLY OR EXPECT 304.
- OVERSIZE THE HOLE, NOT THE FASTENER. DOCK STRUCTURES MOVE AND A TIGHT HOLE TRANSFERS THAT MOVEMENT INTO THE PANEL.
- TOLERANCE: PANEL +/- 1/16 IN ON CUT DIMENSION. HOLE CENTERS +/- 1/32 IN. NO BLEED, HDPE IS CUT TO SIZE.
- AT 240 PIECES THIS IS THE HIGHEST QUANTITY TYPE IN THE PACKAGE. A CHANGE HERE IS THE MOST EXPENSIVE CHANGE IN THE JOB.
- TYPEFACE OVERPASS BOLD. CAP HEIGHT IS SPECIFIED, NOT POINT SIZE.

MATERIAL KEY

- FIELD 0E2430 MATTE, NON-REFLECTIVE
- LEGEND ASTM D4956 TYPE XI PRISMATIC
- NYLON ISOLATION COMPONENT

REFERENCES

NFPA 303 FIRE PROTECTION STANDARD FOR MARINAS AND BOATYARDS
2010 ADA STANDARDS 235.2 / 703.2 / 1003
ASTM D4956 RETROREFLECTIVE SHEETING, TYPE XI

REVISIONS

REV	DATE	DESCRIPTION
A	2026-08-24	ISSUED FOR PORTFOLIO REVIEW ARTWORK IS PLACEHOLDER.
B	2026-08-27	ARTWORK ISSUED. SCHEDULE RECONCILED. CAP HEIGHTS MEASURED OFF THE DRAWN FILES, NOT PREDICTED FROM FONT METRICS.

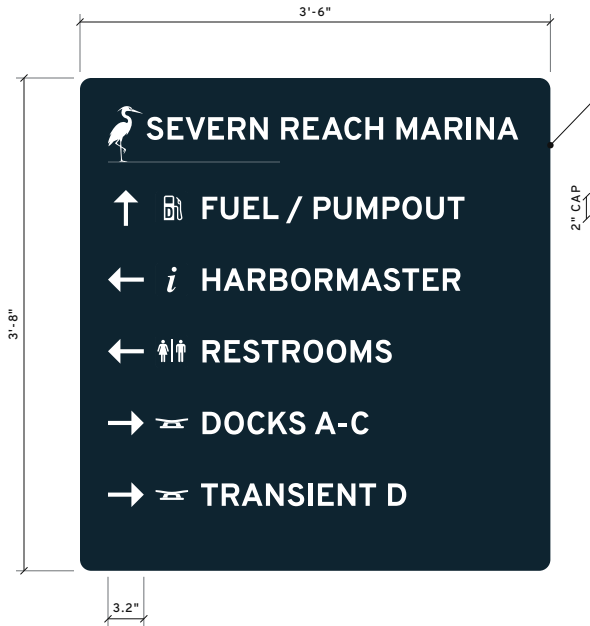
SEVERN REACH MARINA
WAYFINDING + ENVIRONMENTAL GRAPHICS

KEVIN CAMPBELL
thekevincampbell.com

SLIP MARKER
SIGN TYPE ID.4

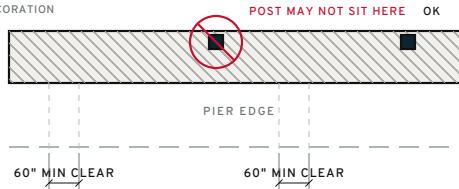
SCALE AS NOTED	DATE 2026-08-27	REV B	DRAWN KJC
SELF-DIRECTED PROJECT. SEVERN REACH MARINA IS NOT A REAL BUSINESS.			SHEET 04 OF 10

1
05 FRONT ELEVATION
SCALE: GRAPHIC SCALE



A
05 POST LOCATION PLAN
SCALE: NOT TO SCALE

ARROW BOX 3.2 IN, 1.6x CAP EACH WAY
A PEER OF THE WORD, NOT DECORATION



DETAIL A KEYED NOTES

- 1 60 IN MIN CONTINUOUS CLEAR OPENING
REQUIRED EVERY 10 FT OF PIER EDGE.
- 2 POST, BOLLARD, DOCK BOX, CLEAT
ANY OF THESE CLOSSES THE OPENING.
- 3 ROUTE FIRST, THEN SIGN LOCATIONS
REVERSING THIS IS THE COMMON ERROR.

THIS IS PROCUREMENT, NOT GOODWILL

ACCESSIBILITY IS A LINE ITEM IN PUBLIC AND
INSTITUTIONAL BIDS. A SIGN PACKAGE THAT
CLOSES A REQUIRED CLEARANCE IS A CHANGE
ORDER AT BEST AND A REJECTED SUBMITTAL
AT WORST.

GENERAL NOTES

- 01 DECISION RULE AT A 20 FT READER DISTANCE. $20 / 10 = 2$ IN
CAP. THE READER IS TAKING IN INFORMATION THEY HAVE NEVER
SEEN AND CHOOSING BETWEEN FIVE OPTIONS WHILE WALKING.
- 02 FIVE DESTINATIONS IS A HARD MAXIMUM. A SIXTH LINE MEANS THE
SIGN IS DOING THE JOB OF TWO SIGNS AND NEITHER WELL.
- 03 THE ARROW IS CONSTRUCTED, NOT CHOSEN. SHAFT WIDTH IS THE
STEM OF THE CAPITAL I IN OVERPASS BOLD, MEASURED AT 0.1850
OF CAP HEIGHT.
- 04 HEAD AT 45 DEGREES, HALF-HEIGHT THREE SHAFT WIDTHS. FOUR
ROTATIONS OF ONE PATH, NEVER MIRRORED.
- 05 ARROW AND LEGEND THEREFORE CARRY THE SAME STROKE WEIGHT AND
RETURN THE SAME AMOUNT OF LIGHT AT THE SAME DISTANCE.
- 06 ARROW BOX IS 3.2 IN SQUARE, 1.6 TIMES THE CAP HEIGHT, SO THE
ARROW READS AS A PEER OF THE WORD AND NOT AS DECORATION.
- 07 SYMBOL COLUMN IS 3.0 IN, 1.5 TIMES THE CAP. PANEL WIDENED
FROM 36 TO 42 IN TO CARRY IT. ACM COMES IN 48 X 96 SHEETS
AND BOTH SIZES YIELD TWO PANELS PER SHEET, SO THE WIDTH
COMES OUT OF WASTE.
- 08 SYMBOLS ARE ADOPTED FROM THE NPS SET. THE CLEAT IS DRAWN
BECAUSE NO REGISTERED SYMBOL EXISTS FOR A DOCK OR A SLIP.
- 09 LANDSIDE FACE IS NON-REFLECTIVE. THE CREEK-FACING DUPLICATE
CARRIES A TYPE XI LEGEND.
- 10 POST LOCATION IS GOVERNED BY THE ACCESSIBLE ROUTE, NOT BY
SIGHTLINES. SEE DETAIL A.
- 11 ADA 235.2 AND 1003 REQUIRE A 60 IN MINIMUM CONTINUOUS CLEAR
OPENING EVERY 10 FT OF LINEAR PIER EDGE. A POST SET IN THAT
OPENING CLOSSES IT.
- 12 DRAW THE ACCESSIBLE ROUTE FIRST, THEN PLACE POSTS. NOT THE
OTHER WAY ROUND.
- 13 ALL EXPOSED FASTENERS 316 STAINLESS.

MATERIAL KEY

- FIELD 0E2430 MATTE, NON-REFLECTIVE
- LEGEND ASTM D4956 TYPE XI PRISMATIC
- NYLON ISOLATION COMPONENT

REFERENCES

NFPA 303 FIRE PROTECTION STANDARD FOR MARINAS AND BOATYARDS
2010 ADA STANDARDS 235.2 / 703.2 / 1003
ASTM D4956 RETROREFLECTIVE SHEETING, TYPE XI

REVISIONS

REV	DATE	DESCRIPTION
A	2026-08-24	ISSUED FOR PORTFOLIO REVIEW ARTWORK IS PLACEHOLDER.
B	2026-08-27	ARTWORK ISSUED. SCHEDULE RECONCILED. CAP HEIGHTS MEASURED OFF THE DRAWN FILES, NOT PREDICTED FROM FONT METRICS.

SEVERN REACH MARINA
WAYFINDING + ENVIRONMENTAL GRAPHICS

KEVIN CAMPBELL
thekevincampbell.com

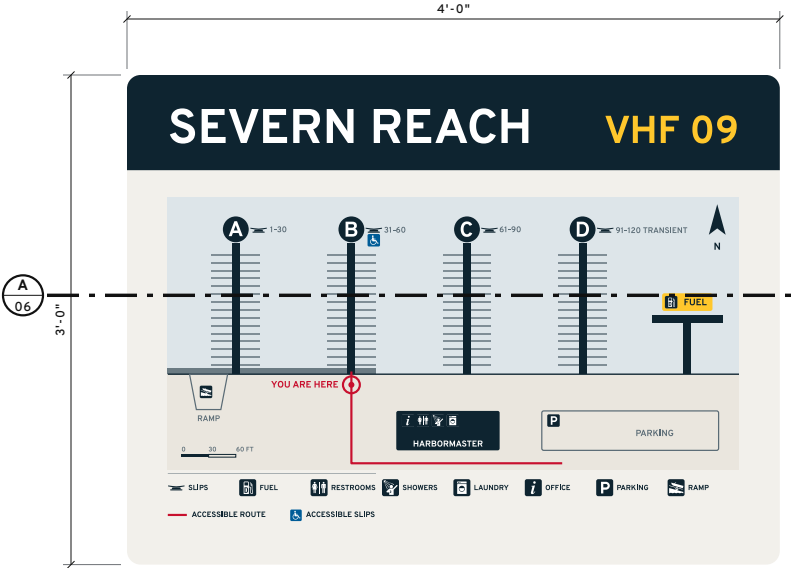
DECISION POINT DIRECTIONAL
SIGN TYPE D.1

SCALE AS NOTED	DATE 2026-08-27	REV B	DRAWN KJC
-------------------	--------------------	----------	--------------

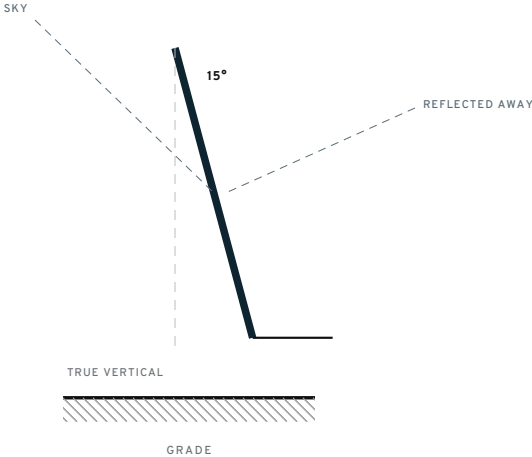
SELF-DIRECTED PROJECT. SEVERN REACH MARINA IS NOT A REAL BUSINESS.

SHEET 05 OF 10

1
06 FRONT ELEVATION
SCALE: GRAPHIC SCALE



A
06 SECTION THRU FRAME
SCALE: NOT TO SCALE



DETAIL A KEYED NOTES

- 15° FROM VERTICAL
SKY REFLECTS DOWN AND AWAY FROM THE EYE.
- REPLACEABLE FACE
THE UV LAMINATE IS THE CONSUMABLE.
- (2) 2 IN SQ ALUM POSTS
SET BELOW FROST. 316 SS THROUGHOUT.

WHY NOT FLAT, WHY NOT VERTICAL

FLAT MIRRORS THE SKY AND THE BOARD GOES WHITE ON THE ONE BRIGHT DAY EVERYONE IS THERE. TRUE VERTICAL MIRRORS THE READER. 15 DEGREES MISSES BOTH.

GENERAL NOTES

- LANDSIDE AT THE GANGWAY HEAD AND AT THE LOT. READER DISTANCE 3 FT.
- PANEL-GOVERNED, NOT READER-GOVERNED. LEGIBILITY AT 3 FT NEEDS A 0.3 IN CAP. THE PANEL IS 48 IN WIDE AND A 0.3 IN HEADLINE WOULD LOOK BROKEN, SO PROPORTION GOVERNS. SAYING SO BEATS QUOTING A RATIO THE NUMBER DOES NOT FOLLOW.
- FRAME IS TILTED 15 DEGREES FROM VERTICAL. A FLAT HORIZONTAL BOARD MIRRORS THE SKY AND GOES WHITE. A TRUE VERTICAL MIRRORS THE READER.
- PLAN IS ORIENTED NORTH UP AND CARRIES A YOU ARE HERE MARKER SET AT THE BOARD LOCATION, NOT IN THE HEADER.
- THE ACCESSIBLE ROUTE IS SHOWN AS A SOLID LINE AND IS DRAWN BEFORE ANY SIGN LOCATION IS FIXED.
- ADA 235.2 AND 1003: 60 IN MIN CLEAR PIER SPACE AT ACCESSIBLE SLIPS, 60 IN MIN CONTINUOUS OPENING EVERY 10 FT OF PIER EDGE.
- ACM 6MM IN AN ALUMINUM FRAME WITH A UV LAMINATE. THE LAMINATE IS THE CONSUMABLE. SPECIFY A REPLACEABLE FACE.
- ALL EXPOSED FASTENERS 316 STAINLESS.

MATERIAL KEY

- SHORE F2F0EB PANEL FIELD
- FIELD 0E2430 PRIMARY LEGEND
- SLATE 5A6B75 SUPPORT TEXT, SHORE SIDE ONLY

REFERENCES

NFPA 303 FIRE PROTECTION STANDARD FOR MARINAS AND BOATYARDS
2010 ADA STANDARDS 235.2 / 703.2 / 1003
ASTM D4956 RETROREFLECTIVE SHEETING, TYPE XI

REVISIONS

REV	DATE	DESCRIPTION
A	2026-08-24	ISSUED FOR PORTFOLIO REVIEW ARTWORK IS PLACEHOLDER.
B	2026-08-27	ARTWORK ISSUED. SCHEDULE RECONCILED. CAP HEIGHTS MEASURED OFF THE DRAWN FILES, NOT PREDICTED FROM FONT METRICS.

SEVERN REACH MARINA
WAYFINDING + ENVIRONMENTAL GRAPHICS

KEVIN CAMPBELL
thekevincampbell.com

DOCK MAP BOARD
SIGN TYPE D.2

SCALE AS NOTED	DATE 2026-08-27	REV B	DRAWN KJC
-------------------	--------------------	----------	--------------

SELF-DIRECTED PROJECT. SEVERN REACH MARINA IS NOT A REAL BUSINESS.

SHEET 06 OF 10

1 FRONT ELEVATION
SCALE: GRAPHIC SCALE

2 BANNED PAIRING
SCALE: NOT TO SCALE



HAZARD BAND, INSTRUCTION
FIELD COLOR, NEVER WHITE.

SHORE BAND, PROHIBITION
RED ONLY INSIDE THE RING.



WHITE ON HAZARD
1.56:1 FAILS



FIELD ON HAZARD
10.24:1 PASSES

CODE CHECKLIST

- 1 2 IN MIN BLOCK LETTER, EVERY LINE
NFPA 303.
- 2 STREET ADDRESS AND EMERGENCY NUMBER
NFPA 303. POSTED AT THE PHONE.
- 3 CLASS B EXTINGUISHING CAPACITY
EXTRA-HAZARD AREA. COORDINATE.
- 4 ISO 7010 P002 AND P003
SPECIFIED BY DESIGNATION, NOT REDRAWN.

THE MEASUREMENT AND THE CODE AGREE

HIGHWAY AND OSHA CONVENTION PUTS BLACK ON YELLOW. THE CONTRAST MATH INDEPENDENTLY BANS WHITE ON YELLOW AT 1.56:1. WHEN CONVENTION AND MEASUREMENT AGREE, THE RULE IS NOT A PREFERENCE.

GENERAL NOTES

- 01 NFPA 303 SETS A 2 IN MINIMUM BLOCK LETTER. EVERY LINE ON THIS PANEL IS 2 IN OR GREATER. THE CODE IS A FLOOR AND THE PANEL IS SIZED TO IT, NOT THE OTHER WAY ROUND.
- 02 NFPA 303 ALSO REQUIRES THE FACILITY STREET ADDRESS AND AN EMERGENCY NUMBER POSTED, SO BOTH APPEAR HERE.
- 03 A FUEL DOCK IS AN EXTRA-HAZARD AREA AND REQUIRES CLASS B EXTINGUISHING CAPACITY. COORDINATE EXTINGUISHER SIGNAGE WITH THE FIRE MARSHAL.
- 04 WHITE ON HAZARD YELLOW MEASURES 1.56:1 AND IS BANNED BY THE PALETTE. HAZARD YELLOW CARRIES THE FIELD COLOR AS LEGEND AND NOTHING ELSE.
- 05 FIELD ON HAZARD MEASURES 10.24:1. WHITE ON SAFETY RED MEASURES 5.88:1. BOTH PASS.
- 06 SOME STATES ADOPT NFPA 303 AS CODE. VERIFY LOCAL ADOPTION BEFORE FABRICATION.
- 07 HDPE 1/2 IN SOLID-THROUGH. MOUNT BOTH FACES OF THE FUEL DOCK.
- 08 ALL EXPOSED FASTENERS 316 STAINLESS.
- 09 THE PANEL RUNS IN THREE BANDS. HAZARD CARRIES THE INSTRUCTION, SHORE CARRIES THE PROHIBITION, AND THE LOWER HAZARD BAND CARRIES THE ADDRESS AND EMERGENCY NUMBER NFPA 303 REQUIRES.
- 10 PROHIBITION DISCS ARE ISO 3864-1 GEOMETRY: RING AND BAR AT 0.08 OF THE OUTER DIAMETER, BAR DESCENDING AT 45 DEGREES. 10 IN DIA.
- 11 THE PICTOGRAMS ARE ISO 7010 P002 NO SMOKING AND P003 NO OPEN FLAME. REGISTERED SYMBOLS ARE SPECIFIED BY DESIGNATION AND ADOPTED, NEVER REDRAWN. THE ELEVATION SHOWS THE ARTWORK ITSELF, SO WHAT IS DRAWN HERE IS WHAT GETS BUILT.

MATERIAL KEY

- HAZARD FFC72C CAUTION FIELD
- SAFETY C8102E FIRE AND FUEL ONLY
- FIELD 0E2430 LEGEND ON HAZARD

REFERENCES

NFPA 303 FIRE PROTECTION STANDARD FOR MARINAS AND BOATYARDS
2010 ADA STANDARDS 235.2 / 703.2 / 1003
ASTM D4956 RETROREFLECTIVE SHEETING, TYPE XI

REVISIONS

REV	DATE	DESCRIPTION
A	2026-08-24	ISSUED FOR PORTFOLIO REVIEW ARTWORK IS PLACEHOLDER.
B	2026-08-27	ARTWORK ISSUED. SCHEDULE RECONCILED. CAP HEIGHTS MEASURED OFF THE DRAWN FILES, NOT PREDICTED FROM FONT METRICS.

SEVERN REACH MARINA
WAYFINDING + ENVIRONMENTAL GRAPHICS

KEVIN CAMPBELL
thekevincampbell.com

FUEL DOCK REGULATORY
SIGN TYPE R.1

SCALE AS NOTED	DATE 2026-08-27	REV B	DRAWN KJC
-------------------	--------------------	----------	--------------

SELF-DIRECTED PROJECT. SEVERN REACH MARINA IS NOT A REAL BUSINESS.

SHEET 07 OF 10

1
08

FACE ELEVATION

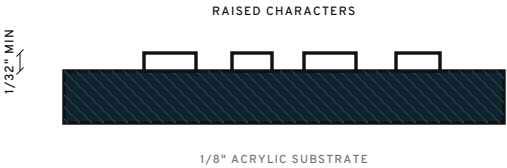
SCALE: GRAPHIC SCALE



A
08

CHARACTER SECTION

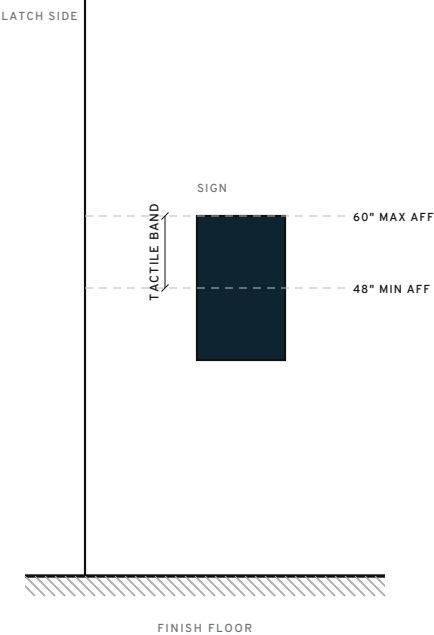
SCALE: NOT TO SCALE



B
08

MOUNTING HEIGHT

SCALE: NOT TO SCALE



ADA 703 CHECKLIST

- 1 RAISED 1/32 IN MIN, CAP 5/8 TO 2 IN SPECIFIED AT 1 IN.
- 2 BRAILLE 3/8 IN MIN CLEAR FROM CHARACTERS AND RAISED BORDERS.
- 3 48 TO 60 IN AFF, TO BASELINES NOT TO THE PANEL EDGE.
- 4 LATCH SIDE OF THE DOOR OR THE ADJACENT WALL.

THE MEASUREMENT IS TO THE BASELINE

MEASURING TO THE PANEL EDGE IS THE ERROR THAT FAILS INSPECTION. A PANEL SET AT 60 IN TO ITS TOP EDGE PUTS ITS HIGHEST TACTILE BASELINE WELL BELOW, AND ITS LOWEST BELOW 48 IN. DIMENSION TO THE CHARACTERS.

GENERAL NOTES

- 01 ADA 703.2. RAISED CHARACTERS 1/32 IN MINIMUM ABOVE THEIR BACKGROUND, SANS SERIF, UPPERCASE, NOT ITALIC OR DECORATIVE.
- 02 RAISED CHARACTER HEIGHT 5/8 IN MINIMUM TO 2 IN MAXIMUM. SPECIFIED AT 1 IN.
- 03 ADA 703.2.4 REQUIRES THE WIDTH OF UPPERCASE O TO BE 55 TO 110 PERCENT OF THE HEIGHT OF UPPERCASE I. OVERPASS REGULAR MEASURES 84.9 PERCENT AND PASSES. MEASURED BY RENDERING THE GLYPHS AND READING THE INK.
- 04 GRADE 2 BRAILLE, SEPARATED 3/8 IN MINIMUM FROM ANY OTHER TACTILE CHARACTER AND FROM RAISED BORDERS AND DECORATIVE ELEMENTS.
- 05 MOUNT 48 IN MINIMUM TO 60 IN MAXIMUM ABOVE FINISH FLOOR, MEASURED TO THE BASELINE OF THE LOWEST AND HIGHEST TACTILE CHARACTER. NOT TO THE PANEL EDGE.
- 06 MOUNT ON THE LATCH SIDE OF THE DOOR. AT A DOUBLE LEAF, MOUNT ON THE RIGHT-HAND LEAF OR THE ADJACENT WALL.
- 07 NO PICTOGRAM ON THIS TYPE. ADA 703.6.1 REQUIRES A 6 IN MINIMUM FIELD AND FORBIDS CHARACTERS AND BRAILLE INSIDE IT. IN A 9 IN PANEL THAT LEAVES NO LAWFUL ROOM FOR A 1 IN CAP, A 3/8 IN SEPARATION AND A LINE OF BRAILLE.
- 08 ADA 703.2.6 CAPS THE STROKE OF THE UPPERCASE I AT 15 PERCENT OF CHARACTER HEIGHT. OVERPASS BOLD MEASURES 18.50 AND FAILS. REGULAR IS SPECIFIED AT 12.43, CHOSEN OVER MEDIUM AT 14.43 ON INSPECTION MARGIN.
- 09 THE ACCESSIBILITY SYMBOL IS NOT A PICTOGRAM. ADA 703.7.2.1 TREATS IT SEPARATELY, SO IT APPEARS ON T.1a AND NOWHERE ELSE.
- 10 PHOTOPOLYMER ON 1/8 IN ACRYLIC. SILICONE TO THE WALL, NO EXPOSED FASTENERS.

MATERIAL KEY

- FIELD 0E2430 PANEL
- RAISED CHARACTERS, 1/32 IN MIN
- BRAILLE CLEAR ZONE, 3/8 IN

REFERENCES

NFPA 303 FIRE PROTECTION STANDARD FOR MARINAS AND BOATYARDS
2010 ADA STANDARDS 235.2 / 703.2 / 1003
ASTM D4956 RETROREFLECTIVE SHEETING, TYPE XI

REVISIONS

REV	DATE	DESCRIPTION
A	2026-08-24	ISSUED FOR PORTFOLIO REVIEW ARTWORK IS PLACEHOLDER.
B	2026-08-27	ARTWORK ISSUED. SCHEDULE RECONCILED. CAP HEIGHTS MEASURED OFF THE DRAWN FILES, NOT PREDICTED FROM FONT METRICS.

SEVERN REACH MARINA
WAYFINDING + ENVIRONMENTAL GRAPHICS

KEVIN CAMPBELL
thekevincampbell.com

ROOM ID, TACTILE
SIGN TYPE T.1a / T.1b / T.1c

SCALE AS NOTED	DATE 2026-08-27	REV B	DRAWN KJC
-------------------	--------------------	----------	--------------

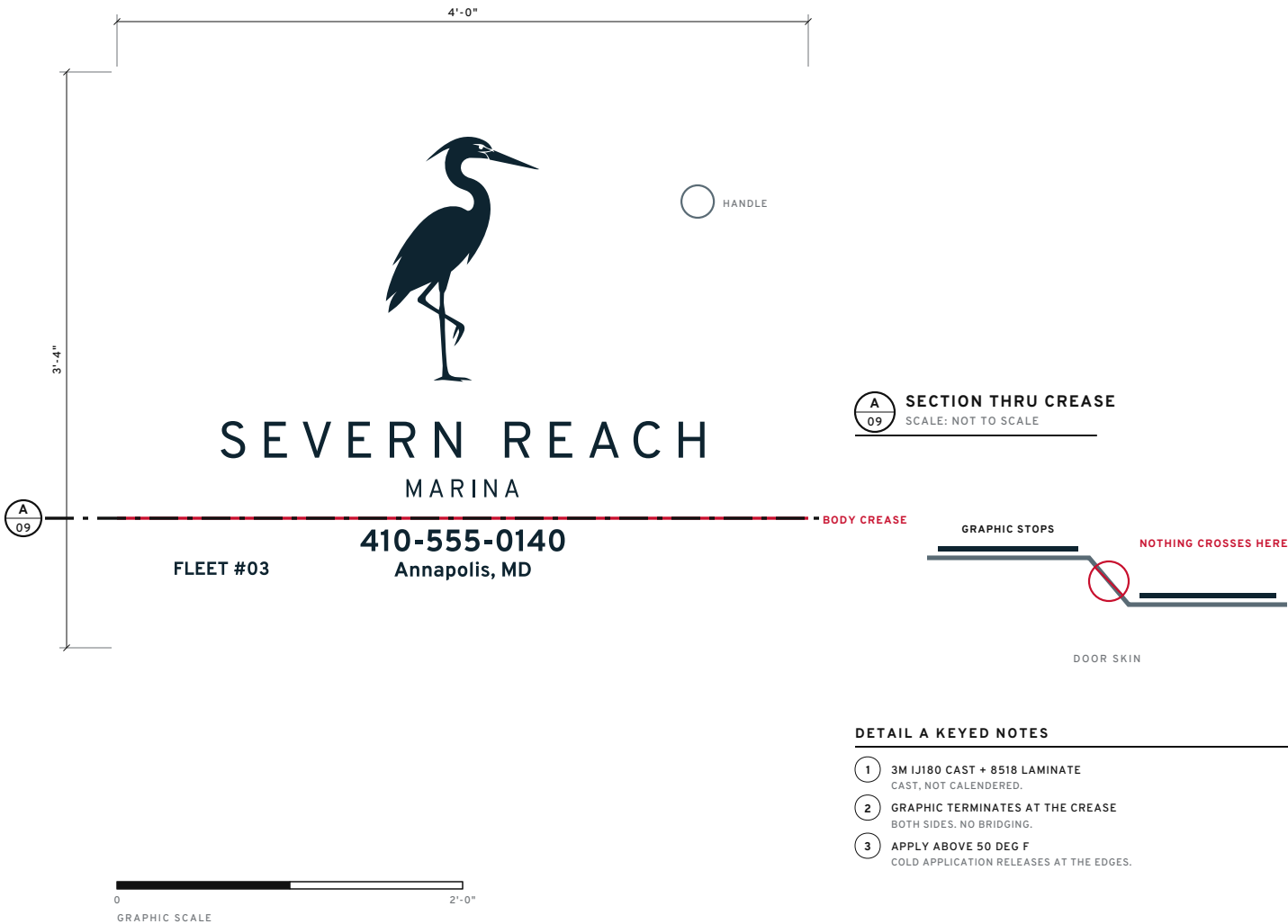
SELF-DIRECTED PROJECT. SEVERN REACH MARINA IS NOT A REAL BUSINESS.

SHEET 08 OF 10

1
09

DOOR ELEVATION

SCALE: GRAPHIC SCALE



A
09

SECTION THRU CREASE

SCALE: NOT TO SCALE

DETAIL A KEYED NOTES

- 1 3M IJ180 CAST + 8518 LAMINATE
CAST, NOT CALENDERED.
- 2 GRAPHIC TERMINATES AT THE CREASE
BOTH SIDES. NO BRIDGING.
- 3 APPLY ABOVE 50 DEG F
COLD APPLICATION RELEASES AT THE EDGES.

WHY CUT VINYL

A PRINTED WRAP ON A WORK TRUCK IS A THREE
YEAR ITEM. CUT VINYL IS A TEN YEAR ITEM
AND SURVIVES THE WASH BAY.

GENERAL NOTES

- 01 CUT VINYL, NOT A PRINTED PANEL. CUT VINYL SURVIVES THE WASH
BAY AND A DECADE OF UV. A PRINTED WRAP ON A WORK TRUCK IS A
THREE YEAR ITEM.
- 02 3M IJ180 CAST WITH 8518 GLOSS LAMINATE. CAST, NOT
CALENDERED. CALENDERED FILM SHRINKS BACK FROM ITS EDGES ON A
CURVED PANEL AND LIFTS.
- 03 PANEL-GOVERNED. LEGIBILITY AT A 15 FT READER DISTANCE NEEDS
A 0.6 IN CAP. THE DOOR IS 48 IN WIDE AND THE MARK FILLS IT,
SO THE PANEL GOVERNS, NOT THE READER.
- 04 NOTHING CROSSES THE BODY CREASE. A GRAPHIC THAT SPANS A
CREASE READS AS BROKEN FROM EVERY ANGLE EXCEPT STRAIGHT ON,
AND THAT IS THE ONE ANGLE NOBODY SEES IT FROM.
- 05 SAFE AREA CLEARS THE HANDLE, THE CREASE, AND THE LOWER BODY
LINE.
- 06 APPLY ABOVE 50 DEG F. VINYL APPLIED COLD RELEASES AT THE
EDGES WITHIN A SEASON.
- 07 SUPPLY AS A WEEDED, TAPED, ONE PIECE APPLICATION PER DOOR.
NO FIELD ASSEMBLY OF SEPARATE WORDS.
- 08 CONFIRM DOOR DIMENSIONS ON THE ACTUAL VEHICLE. PUBLISHED
BODY DIMENSIONS ARE NOMINAL.

MATERIAL KEY

- FIELD 0E2430 PRIMARY MARK
- SAFETY C8102E SUPPORT LINE
- SLATE 5A6B75 CONTACT LINE

REFERENCES

NFPA 303 FIRE PROTECTION STANDARD FOR MARINAS AND BOATYARDS
2010 ADA STANDARDS 235.2 / 703.2 / 1003
ASTM D4956 RETROREFLECTIVE SHEETING, TYPE XI

REVISIONS

REV	DATE	DESCRIPTION
A	2026-08-24	ISSUED FOR PORTFOLIO REVIEW ARTWORK IS PLACEHOLDER.
B	2026-08-27	ARTWORK ISSUED. SCHEDULE RECONCILED. CAP HEIGHTS MEASURED OFF THE DRAWN FILES, NOT PREDICTED FROM FONT METRICS.

SEVERN REACH MARINA
WAYFINDING + ENVIRONMENTAL GRAPHICS

KEVIN CAMPBELL
thekevincampbell.com

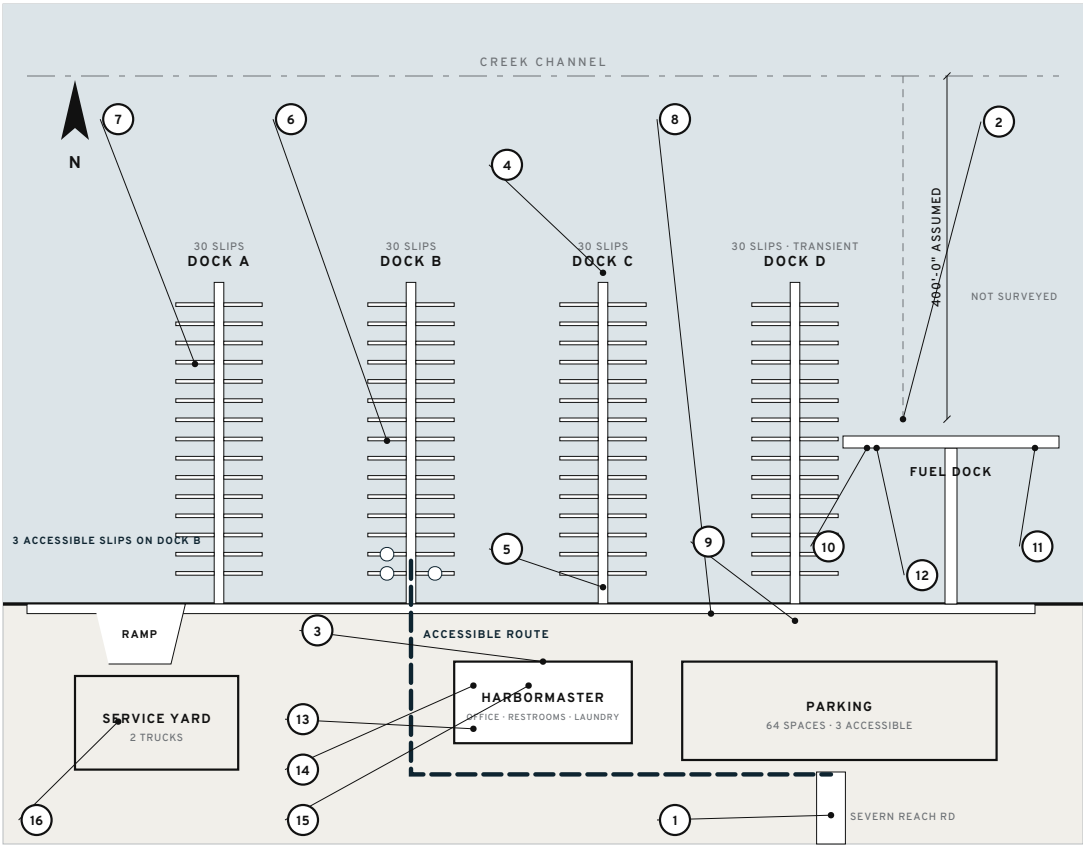
SERVICE TRUCK DOOR
SIGN TYPE V.1

SCALE AS NOTED	DATE 2026-08-27	REV B	DRAWN KJC
-------------------	--------------------	----------	--------------

SELF-DIRECTED PROJECT. SEVERN REACH MARINA IS NOT A REAL BUSINESS.

SHEET 09 OF 10

1 SITE PLAN
10 SCALE: GRAPHIC SCALE



0 120'-0"

SIGN LOCATION SCHEDULE

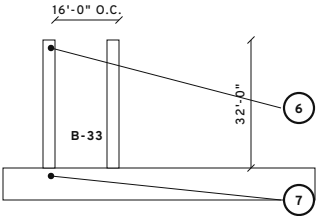
TYPE	DESCRIPTION	QTY	TYPE	DESCRIPTION	QTY
ID.0	LANDSIDE ENTRANCE	1	D.2	DOCK MAP BOARD	2
ID.1	MARINA IDENTIFICATION	1	R.1	FUEL DOCK REGULATORY	2
ID.2	HARBORMASTER BUILDING ID	1	R.1a	FUEL DOCK REGULATORY, SHORT	2
ID.3a	DOCK LETTER, WATER FACE	4	R.2a	EMERGENCY INFORMATION	2
ID.3b	DOCK LETTER, PIER FACE	4	T.1a	ROOM ID, RESTROOM	4
ID.4a	SLIP MARKER, WATER FACE	120	T.1b	ROOM ID, LAUNDRY	1
ID.4b	SLIP MARKER, PIER FACE	120	T.1c	ROOM ID, OFFICE	1
D.1	DECISION DIRECTIONAL	3	V.1	SERVICE TRUCK DOOR	2

TOTAL PIECES LOCATED ON THIS SHEET

SIGN LOCATION KEYNOTES

- 1 ID.0 LANDSIDE ENTRANCE
1 PIECE, READ AT 60 FT FROM A SLOWING CAR
- 2 ID.1 MARINA IDENTIFICATION
1 PIECE, FACES THE CHANNEL, 400 FT
- 3 ID.2 HARBORMASTER BUILDING ID
1 PIECE, NORTH ELEVATION, READ FROM THE WALKWAY
- 4 ID.3a DOCK LETTER, WATER FACE
4 PIECES, ONE PER DOCK, OUTER END
- 5 ID.3b DOCK LETTER, PIER FACE
4 PIECES, ONE PER DOCK, LANDWARD END
- 6 ID.4a SLIP MARKER, WATER FACE
120 PIECES, EVERY SLIP, FINGER END, SEE 2
- 7 ID.4b SLIP MARKER, PIER FACE
120 PIECES, EVERY SLIP, WALKWAY SIDE, SEE 2
- 8 D.1 DECISION DIRECTIONAL
3 PIECES, AT 3 FORKS
- 9 D.2 DOCK MAP BOARD
2 PIECES, DOCK B HEAD AND DOCK D GATE
- 10 R.1 FUEL DOCK REGULATORY
2 PIECES, BOTH FUEL DOCK APPROACHES
- 11 R.1a FUEL DOCK REGULATORY, SHORT
2 PIECES, ALTERNATE WHERE THE RAIL IS UNDER 43.5 IN
- 12 R.2a EMERGENCY INFORMATION
2 PIECES, REQUIRED WHEREVER R.1a IS SELECTED
- 13 T.1a ROOM ID, RESTROOM
4 PIECES, FOUR RESTROOM DOORS, SEE SHEET 08
- 14 T.1b ROOM ID, LAUNDRY
1 PIECE, LAUNDRY DOOR, SEE SHEET 08
- 15 T.1c ROOM ID, OFFICE
1 PIECE, OFFICE DOOR, SEE SHEET 08
- 16 V.1 SERVICE TRUCK DOOR
2 PIECES, BOTH DOORS, 2 VEHICLES

2 TYPICAL SLIP PAIR
10 SCALE: NOT TO SCALE



- 6 ID.4a WATER FACE, 14 x 8 IN, READ AT 25 FT
7 ID.4b PIER FACE, 10 x 5 IN, READ AT 8 FT

GENERAL NOTES

- 01 THIS SHEET LOCATES EVERY PIECE IN THE SIGN SCHEDULE. EVERY TYPE CARRIES ITS OWN KEYNOTE, NUMBERED IN SCHEDULE ORDER, SO THE KEYNOTES AND THE SCHEDULE CANNOT DISAGREE. QUANTITIES ARE GENERATED FROM THE SCHEDULE AND RECONCILE TO 270 PIECES.
- 02 THE ACCESSIBLE ROUTE WAS DRAWN BEFORE ANY SIGN LOCATION WAS FIXED. NO POST OCCURS WITHIN A REQUIRED 60 IN CLEAR OPENING. ADA 235.2 AND 1003.
- 03 DIMENSIONS TO SIGN CENTRELINES. FIELD VERIFY ALL PIER AND BULKHEAD CONDITIONS BEFORE FABRICATION.
- 04 THE 400 FT IDENTIFICATION SIGHTLINE FOR ID.1 IS AN ASSUMED SITE CONDITION AND IS NOT SURVEYED. CONFIRM ON SITE BEFORE THE FRAME IS WELDED.
- 05 SLIP MARKERS OCCUR AT EVERY SLIP, BOTH FACES. SEE 2/SP.1 FOR THE TYPICAL PAIR.
- 06 SLIPS ARE NUMBERED CONTINUOUSLY ACROSS THE MARINA WITH THE DOCK LETTER AS A PREFIX. A-1 TO A-30, B-31 TO B-60, C-61 TO C-90, D-91 TO D-120. THE LETTER NAMES THE PIER AND THE NUMBER IS UNIQUE SITE WIDE, WHICH IS WHAT THE D.2 MAP BOARD AND THE SLIP MARKER BOTH CARRY.
- 07 SEVERN REACH MARINA IS NOT A REAL BUSINESS. THIS IS A SELF-DIRECTED PROJECT.

MATERIAL KEY

- WATER
- DECK, WALKWAY AND FINGER PIERS
- BUILDING AND PAVING

REFERENCES

ADA 235.2, 1003 ACCESSIBLE BOAT SLIPS AND PIER CLEARANCES
NFPA 303 MARINAS AND BOATYARDS
SHEETS 01 THROUGH 09 FOR TYPE ELEVATIONS AND DETAILS

REVISIONS

REV	DATE	DESCRIPTION
A	2026-08-24	ISSUED FOR PORTFOLIO REVIEW ARTWORK IS PLACEHOLDER.
B	2026-08-27	ARTWORK ISSUED. SCHEDULE RECONCILED. CAP HEIGHTS MEASURED OFF THE DRAWN FILES, NOT PREDICTED FROM FONT METRICS.

SEVERN REACH MARINA
WAYFINDING + ENVIRONMENTAL GRAPHICS

KEVIN CAMPBELL
thekevincampbell.com

SIGN LOCATION PLAN
SIGN TYPE SP.1

SCALE	DATE	REV	DRAWN
AS NOTED	2026-08-27	B	KJC

SELF-DIRECTED PROJECT. SEVERN REACH MARINA IS NOT A REAL BUSINESS.

SHEET 10 OF 10