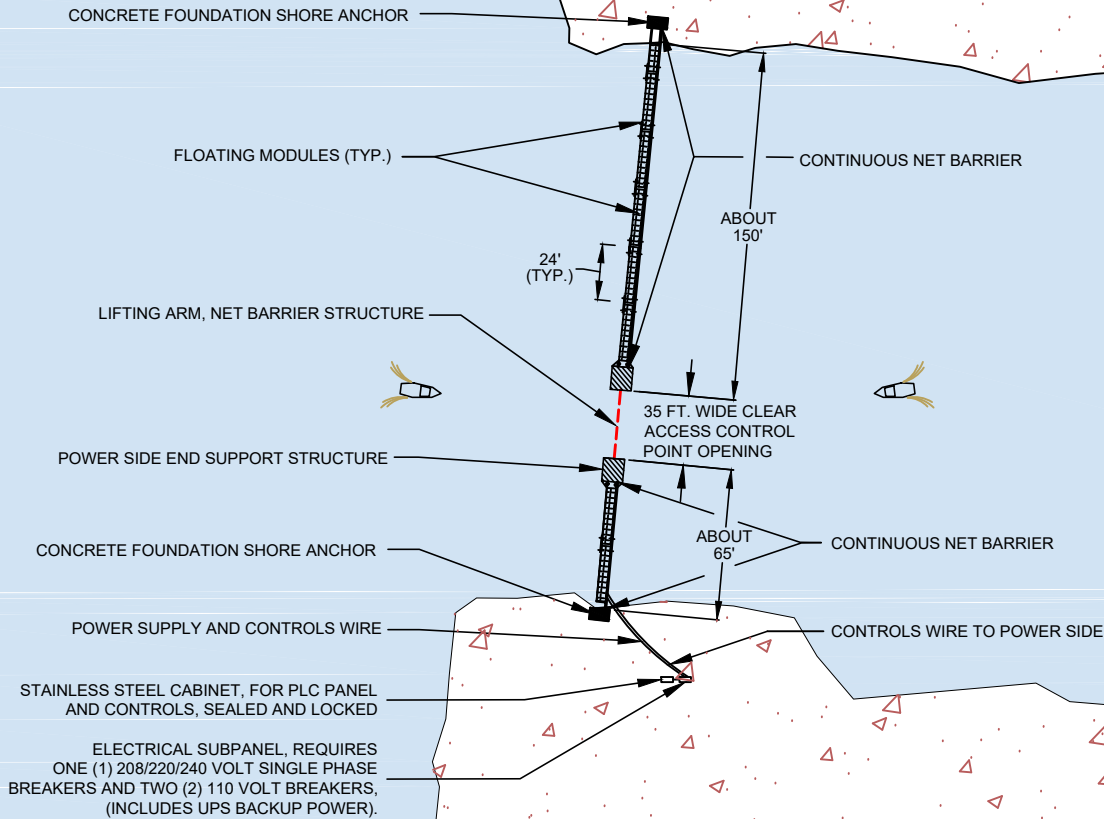


WATERWAY ACCESS CONTROL BARRIER, MODEL WWB-1200 (ELECTRIC)

ASTM F2766-11, HP 42 ENGINEERED, ACTIVE BARRIER TO IMMEDIATELY ALLOW OR DENY WATERWAY ACCESS
STOPS 15,000 LB. BOAT AT 42 MPH & 5,000 BOAT AT 60 MPH

SAMPLE WATERWAY ACCESS CONTROL BARRIER LAYOUT



NOTE:
WATERWAY ACCESS CONTROL BARRIER IS DESIGNED
BASED ON CUSTOMER'S SITE SPECIFIC REQUIREMENTS.



BARRIER1 SYSTEMS, INC.

8015 THORNDIKE ROAD
GREENSBORO, NC 27409
(336) 617-8478 (336) 617-8471 FAX
mlamore@barrier1.us www.barrier1.us

**THE DRAWINGS AND INFORMATION CONTAINED
HEREIN ARE PROPRIETARY AND CONFIDENTIAL AND
FOR USE BY ONLY PERSONS WORKING ON PROJECT
WITH BARRIER1 SYSTEMS, INC. DO NOT COPY OR
REPRODUCE. ALL RIGHTS RESERVED.**

**WATERWAY ACCESS
CONTROL BARRIER
IMMEDIATELY ALLOW OR
DENY BOAT ACCESS
ELECTRIC OPERATION**

SAMPLE DRAWING

SHEET: 1 OF 7

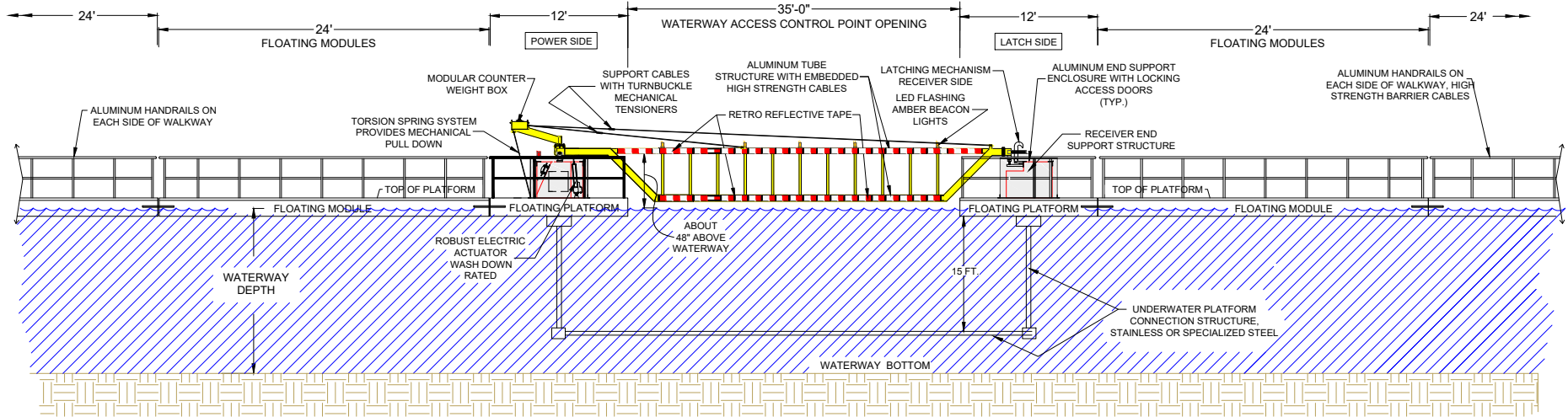
09092017

SCALE: N.T.S.

WATERWAY ACCESS CONTROL BARRIER, MODEL WWB-1200 (ELECTRIC)

ASTM F2766-11, HP 42 ENGINEERED, ACTIVE BARRIER TO IMMEDIATELY ALLOW OR DENY WATERWAY ACCESS
STOPS 15,000 LB. BOAT AT 42 MPH & 5,000 BOAT AT 60 MPH

ELEVATION - BARRIER LOWERED



NOTES:

1. FLOATING PLATFORM AND MODULES COMPRISED OF ALUMINUM, OR STAINLESS STEEL OR COMPATIBLE MATERIALS.
2. HANDRAILS AND LIFT ARM STRUCTURE ARE ALUMINUM, OR STAINLESS STEEL OR COMPATIBLE MATERIALS.
3. END SUPPORT ENCLOSURES TO BE ALUMINUM WITH LOCKING ACCESS DOORS OR COMPATIBLE MATERIALS.
4. STEEL TO HAVE HOT DIPPED GALVANIZED COATING OR COMPATIBLE MATERIALS.
5. UNDERWATER STEEL TO BE STAINLESS, INCONEL, OR OTHER METALS COMPATIBLE WITH ENVIRONMENT.



BARRIER1 SYSTEMS, INC.
8015 THORNDIKE ROAD
GREENSBORO, NC 27409
(336) 617-8478 (336) 617-8471 FAX
mlamore@barrier1.us www.barrier1.us

THE DRAWINGS AND INFORMATION CONTAINED
HEREIN ARE PROPRIETARY AND CONFIDENTIAL AND
FOR USE BY ONLY PERSONS WORKING ON PROJECT
WITH BARRIER1 SYSTEMS, INC. DO NOT COPY OR
REPRODUCE. ALL RIGHTS RESERVED.

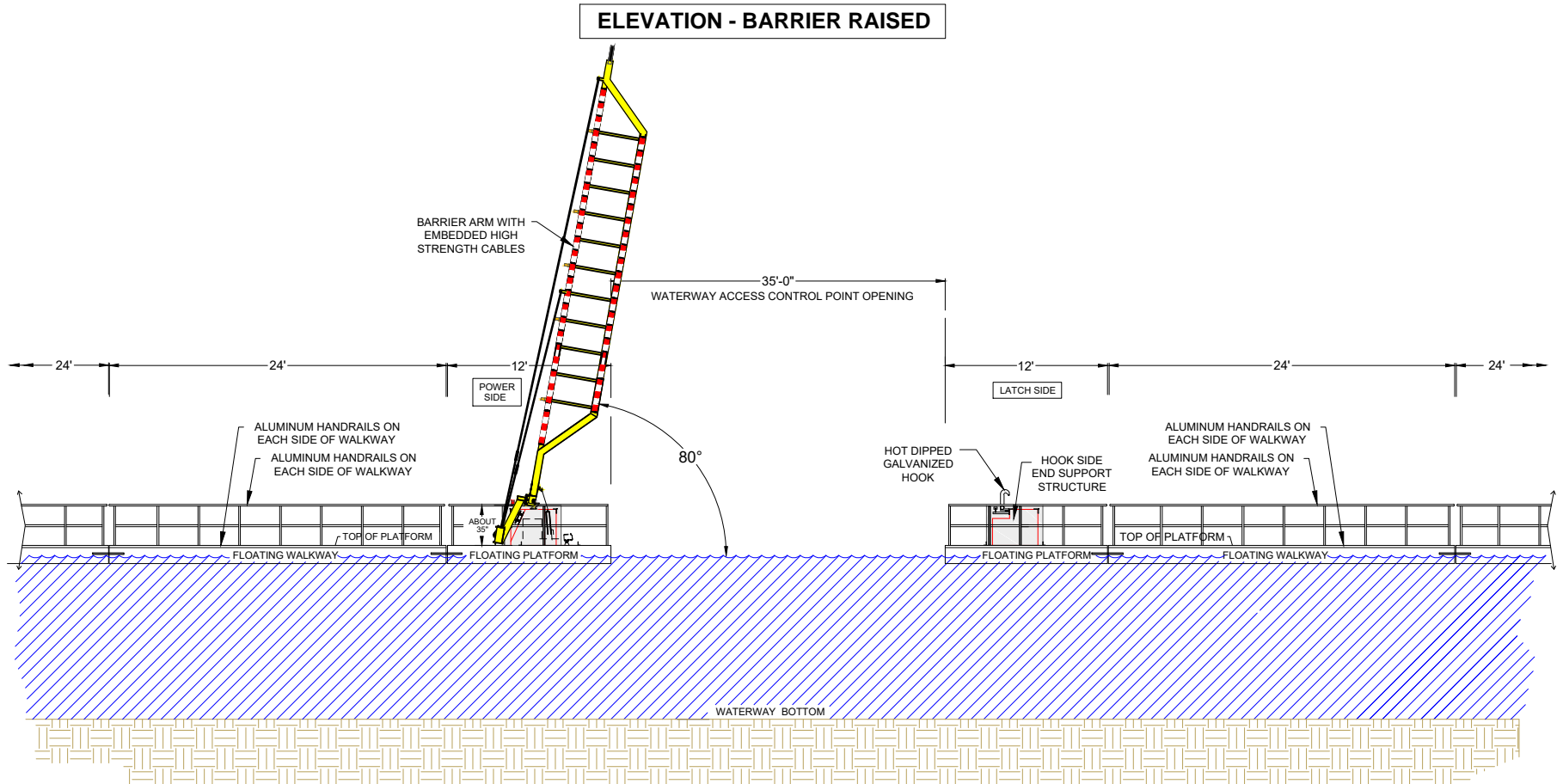
WATERWAY ACCESS
CONTROL BARRIER
IMMEDIATELY ALLOW OR
DENY BOAT ACCESS
ELECTRIC OPERATION

SAMPLE DRAWING

SHEET: 2 OF 7
09092017
SCALE: N.T.S.

WATERWAY ACCESS CONTROL BARRIER, MODEL WWB-1200 (ELECTRIC)

ASTM F2766-11, HP 42 ENGINEERED, ACTIVE BARRIER TO IMMEDIATELY ALLOW OR DENY WATERWAY ACCESS
STOPS 15,000 LB. BOAT AT 42 MPH & 5,000 BOAT AT 60 MPH



KEY CAPABILITIES

1. FLASHING LED LIGHTS ARE A VISUAL DETERRENT FOR BOATS.
2. FLASHING AMBER LED LIGHTS ON ARM REMAIN ON IN DOWN POSITION, AND WHEN BARRIER IS BEING RAISED OR LOWERED.
3. RAISE OR LOWER WATERWAY BARRIER USING WIRELESS CONTROLS FROM BOAT OR SHORE.
4. SIREN ACTIVATION WHEN NET BARRIER IS RAISED OR LOWERED.
5. RAISE OR LOWER WATERWAY BARRIER USING CONTROL PANEL OR WIRELESS REMOTE CONTROLLER.



BARRIER1 SYSTEMS, INC.
8015 THORNDIKE ROAD
GREENSBORO, NC 27409
(336) 617-8478 (336) 617-8471 FAX
mlamore@barrier1.us www.barrier1.us

THE DRAWINGS AND INFORMATION CONTAINED
HEREIN ARE PROPRIETARY AND CONFIDENTIAL AND
FOR USE BY ONLY PERSONS WORKING ON PROJECT
WITH BARRIER1 SYSTEMS, INC. DO NOT COPY OR
REPRODUCE. ALL RIGHTS RESERVED.

WATERWAY ACCESS
CONTROL BARRIER
IMMEDIATELY ALLOW OR
DENY BOAT ACCESS
ELECTRIC OPERATION

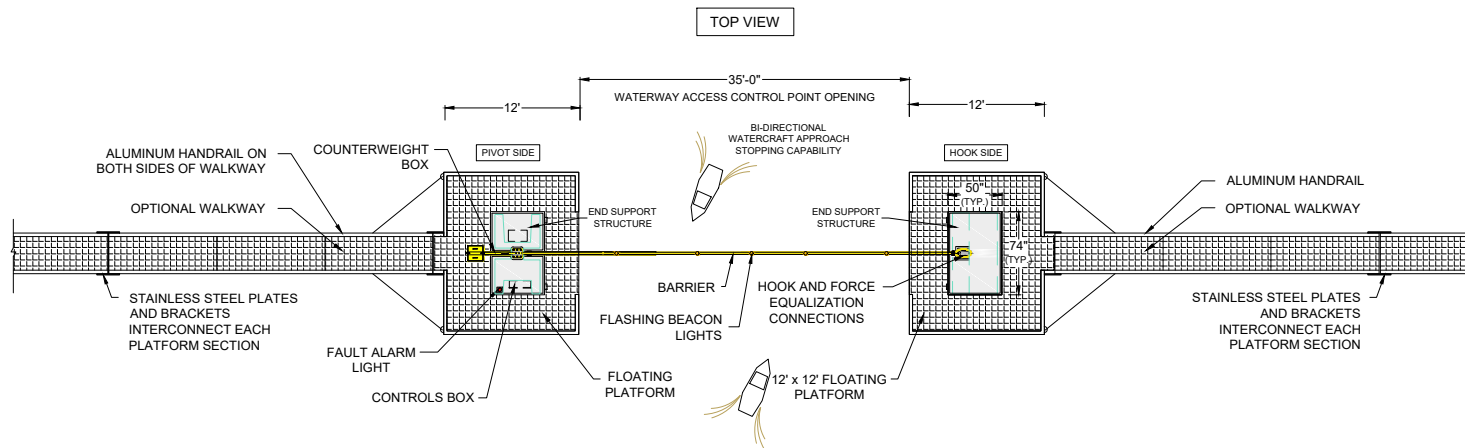
SAMPLE DRAWING

SHEET: 3 OF 7
09092017
SCALE: N.T.S.

WATERWAY ACCESS CONTROL BARRIER, MODEL WWB-1200 (ELECTRIC)

ASTM F2766-11, HP 42 ENGINEERED, ACTIVE BARRIER TO IMMEDIATELY ALLOW OR DENY WATERWAY ACCESS
STOPS 15,000 LB. BOAT AT 42 MPH & 5,000 BOAT AT 60 MPH

PLAN VIEW - BARRIER CLOSED



KEY CAPABILITIES

1. RAISE OR LOWER BARRIER USING WIRELESS CONTROLS FROM BOAT OR ON SHORE.
2. CUSTOMIZED CONTROL PANEL WITH ALARMS AND INDICATOR LIGHTS IS PROVIDED.
3. SIREN ACTIVATION WHEN NET BARRIER IS RAISED OR LOWERED.
4. FLASHING AMBER LED LIGHTS ON ARM REMAIN ON IN DOWN POSITION, AND WHEN BARRIER IS BEING RAISED OR LOWERED.
5. BI-DIRECTIONAL STOPPING.



BARRIER1 SYSTEMS, INC.
8015 THORNDIKE ROAD
GREENSBORO, NC 27409
(336) 617-8478 (336) 617-8471 FAX
mlamore@barrier1.us www.barrier1.us

THE DRAWINGS AND INFORMATION CONTAINED
HEREIN ARE PROPRIETARY AND CONFIDENTIAL AND
FOR USE BY ONLY PERSONS WORKING ON PROJECT
WITH BARRIER1 SYSTEMS, INC. DO NOT COPY OR
REPRODUCE. ALL RIGHTS RESERVED.

WATERWAY ACCESS
CONTROL BARRIER
IMMEDIATELY ALLOW OR
DENY BOAT ACCESS
ELECTRIC OPERATION

SAMPLE DRAWING

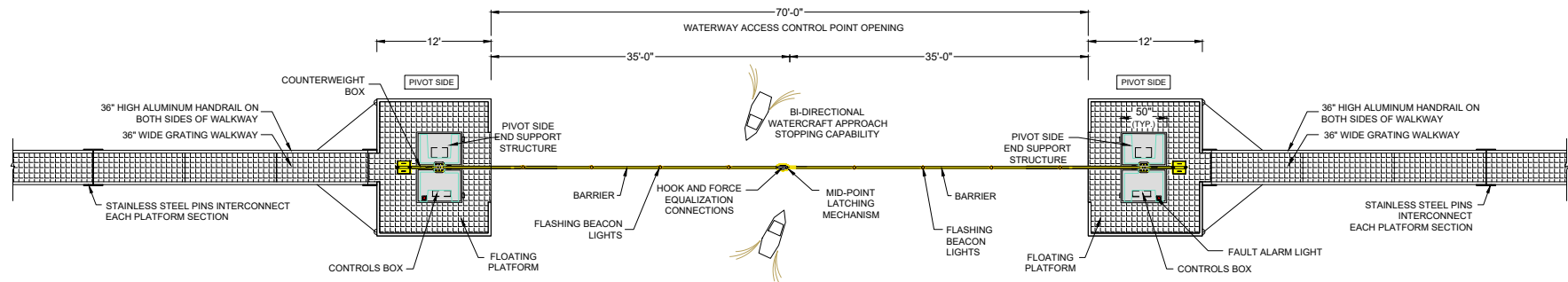
SHEET: 4 OF 7
09092017
SCALE: N.T.S.

WATERWAY ACCESS CONTROL BARRIER, MODEL WWB-1200 (ELECTRIC)

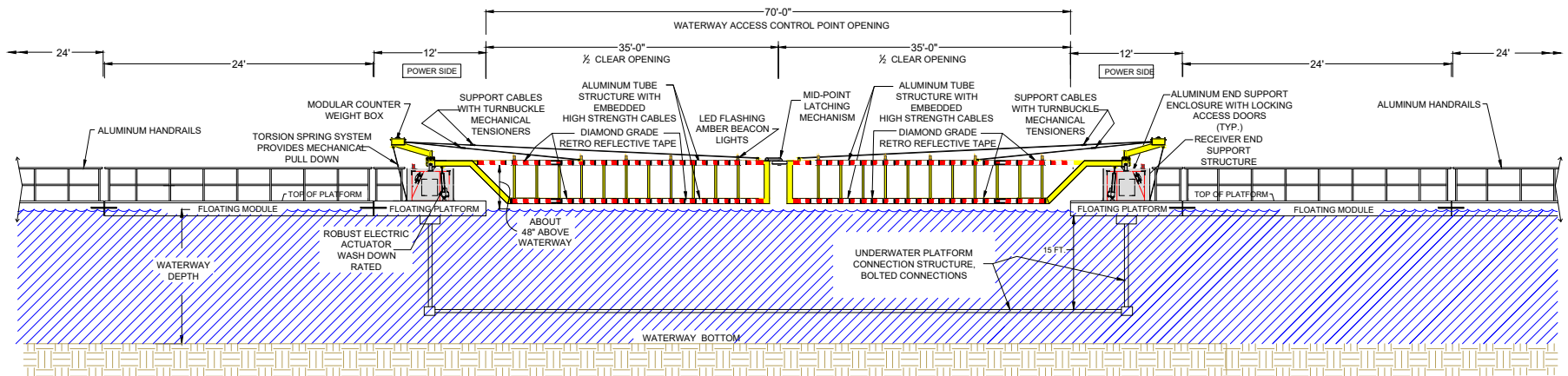
ASTM F2766-11, HP 42 ENGINEERED, ACTIVE BARRIER TO IMMEDIATELY ALLOW OR DENY WATERWAY ACCESS
STOPS 15,000 LB. BOAT AT 42 MPH & 5,000 BOAT AT 60 MPH

ALTERNATE 70 FEET "WIDE SPAN" WATERWAY ACCESS CONTROL BARRIER

PLAN VIEW - BARRIER CLOSED



ELEVATION - BARRIER CLOSED



BARRIER1 SYSTEMS, INC.
8015 THORNDIKE ROAD
GREENSBORO, NC 27409
(336) 617-8478 (336) 617-8471 FAX
mlamore@barrier1.us www.barrier1.us

THE DRAWINGS AND INFORMATION CONTAINED
HEREIN ARE PROPRIETARY AND CONFIDENTIAL AND
FOR USE BY ONLY PERSONS WORKING ON PROJECT
WITH BARRIER1 SYSTEMS, INC. DO NOT COPY OR
REPRODUCE. ALL RIGHTS RESERVED.

WATERWAY ACCESS
CONTROL BARRIER
IMMEDIATELY ALLOW OR
DENY BOAT ACCESS
ELECTRIC OPERATION

SAMPLE DRAWING

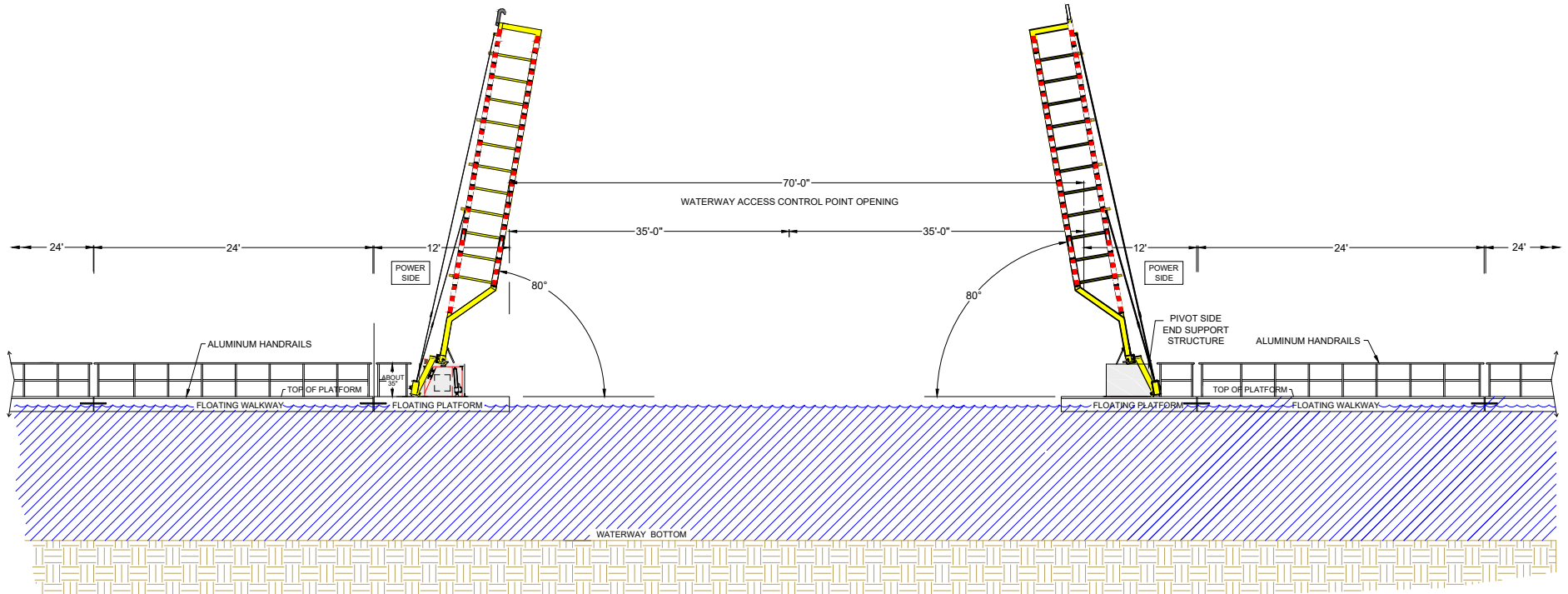
SHEET: 5 OF 7
09092017
SCALE: N.T.S.

WATERWAY ACCESS CONTROL BARRIER, MODEL WWB-1200 (ELECTRIC)

ASTM F2766-11, HP 42 ENGINEERED, ACTIVE BARRIER TO IMMEDIATELY ALLOW OR DENY WATERWAY ACCESS
STOPS 15,000 LB. BOAT AT 42 MPH & 5,000 BOAT AT 60 MPH

ALTERNATE 70 FOOT "WIDE SPAN" WATERWAY ACCESS CONTROL BARRIER

PLAN VIEW - BARRIER RAISED



KEY CAPABILITIES

1. MASSIVE CLEAR SPAN DISTANCE.
2. RAISE OR LOWER WATERWAY BARRIER USING WIRELESS CONTROLS FROM BOAT OR SHORE.
3. SIREN ACTIVATION WHEN NET BARRIER IS RAISED OR LOWERED.
4. RAISE OR LOWER WATERWAY BARRIER USING CUSTOM CONTROL PANEL ON SHORE.
5. LED FLASHING LIGHTS.



BARRIER1 SYSTEMS, INC.

8015 THORNDIKE ROAD
GREENSBORO, NC 27409
(336) 617-8478 (336) 617-8471 FAX
mlamore@barrier1.us www.barrier1.us

THE DRAWINGS AND INFORMATION CONTAINED
HEREIN ARE PROPRIETARY AND CONFIDENTIAL AND
FOR USE BY ONLY PERSONS WORKING ON PROJECT
WITH BARRIER1 SYSTEMS, INC. DO NOT COPY OR
REPRODUCE. ALL RIGHTS RESERVED.

WATERWAY ACCESS
CONTROL BARRIER
IMMEDIATELY ALLOW OR
DENY BOAT ACCESS
ELECTRIC OPERATION

SAMPLE DRAWING

SHEET: 6 OF 7

09092017

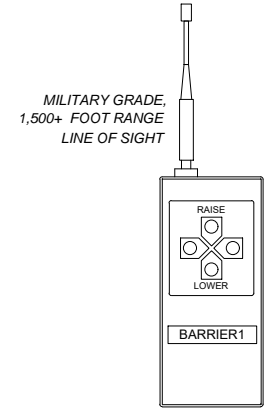
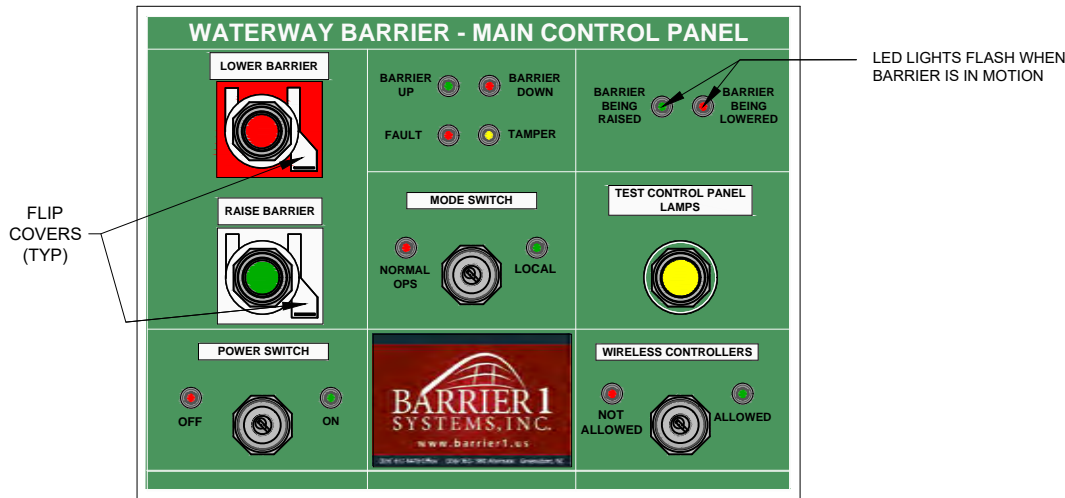
SCALE: N.T.S.

WATERWAY ACCESS CONTROL BARRIER, MODEL WWB-1200 (ELECTRIC)

ASTM F2766-11, HP 42 ENGINEERED, ACTIVE BARRIER TO IMMEDIATELY ALLOW OR DENY WATERWAY ACCESS
STOPS 15,000 LB. BOAT AT 42 MPH & 5,000 BOAT AT 60 MPH

SAMPLE MAIN CONTROL PANEL

REMOTE WIRELESS CONTROLLER



KEY CAPABILITIES:

1. CONTROL PANELS, ALARMS, KEYED SWITCHES, AND OTHER FEATURES ARE CUSTOMIZED BY BARRIER1 SYSTEMS IN ACCORDANCE WITH CUSTOMER'S NEEDS.
2. UPS BATTERY BACKUP IS PROVIDED FOR ALL CONTROLS, COMPONENTS, AND SYSTEMS DURING POWER OUTAGE. (PROVIDES 10+ CYCLES)
3. TAMPER SWITCH MONITORS DOOR OPENED ON END SUPPORT ENCLOSURES AND PLC CABINET DOOR.
4. DATA LOGGER IS INCLUDED WHICH RECORDS THE DATE AND TIME OF EACH BARRIER RAISE AND LOWER CYCLE.

OPTIONAL ITEMS:

1. CAMERA(S) WITH CONTINUOUS DVR RECORDING TO VIDEO TAPE INCIDENTS.
2. TOUCH SCREEN CONTROLLER WITH ICONS.
3. FLOOD LIGHTING.
4. ADDITIONAL FLASHING LED BEACON LIGHTS.
5. ADDITIONAL RETRO REFLECTIVE STICKERS, SIGNS AND MARKINGS.



BARRIER1 SYSTEMS, INC.
8015 THORNDIKE ROAD
GREENSBORO, NC 27409
(336) 617-8478 (336) 617-8471 FAX
mlamore@barrier1.us www.barrier1.us

THE DRAWINGS AND INFORMATION CONTAINED
HEREIN ARE PROPRIETARY AND CONFIDENTIAL AND
FOR USE BY ONLY PERSONS WORKING ON PROJECT
WITH BARRIER1 SYSTEMS, INC. DO NOT COPY OR
REPRODUCE. ALL RIGHTS RESERVED.

WATERWAY ACCESS
CONTROL BARRIER
IMMEDIATELY ALLOW OR
DENY BOAT ACCESS
ELECTRIC OPERATION

SAMPLE DRAWING

SHEET: 6 OF 7
09092017
SCALE: N.T.S.