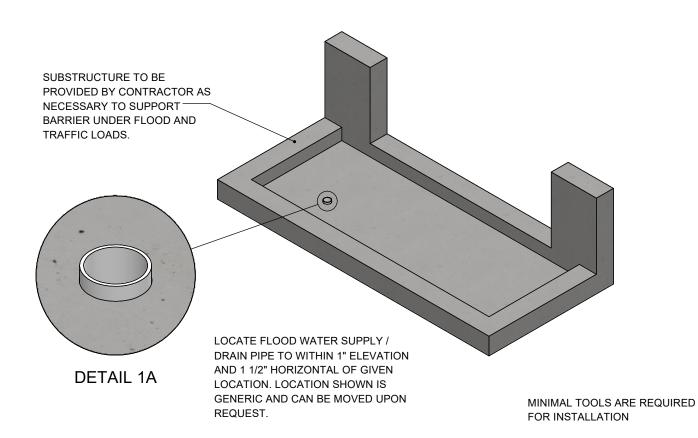
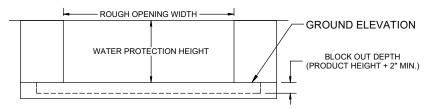
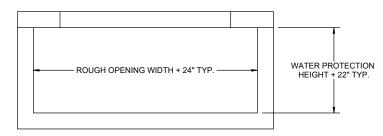
STEP 1: PREPARE SITE FOR INSTALLATION.





EXISTING SUBSTRUCTURE - FRONT



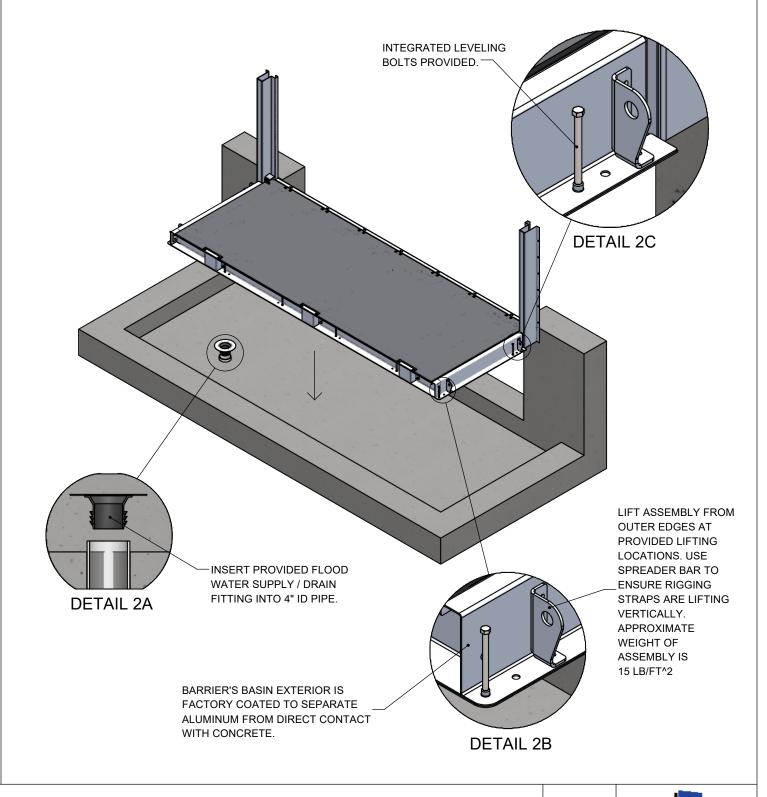
EXISTING SUBSTRUCTURE - TOP

PRODUCT HEIGHT IS TYPICALLY 6 1/2".

INSTALLER IS TO ENSURE THE SIZE OF THE BLOCK OUT ALLOWS FOR ENOUGH ROOM BETWEEN THE BARRIER AND THE EXISTING SUBSTRUCTURE SUCH THAT THE BARRIER CAN BE LEVELED AND ANCHORED AND THE CONCRETE CAN BE FULLY CONSOLIDATED ALL AROUND THE BARRIER.

TENSION TIE BACKS MAY BE REQUIRED ON LARGER MODELS AND REQUIRE STRUCTURAL SLABS FOR CONNECTION. CUSTOM DETAILS WILL BE PROVIDED BY MANUFACTURER.

STEP 2: INSERT FLOOD WATER SUPPLY / DRAIN FITTING INTO PIPE AND LIFT PRE-ASSEMBLED PRODUCT INTO PLACE AND SET ON TOP OF EXISTING SUBSTRUCTURE.



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BH-590 REFERENCE INSTALL DRAWINGS

DATE: 3/24/2022

SCALE: NTS

SHEET #: 1 OF 2

PS Flood Barriers

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STEP 4: POUR CONCRETE AROUND BASIN AND INTO SUPPORT STEP 3: LEVEL WITH PROVIDED LEVELING RODS AND ANCHOR / BRACE AGAINST MOVEMENT. CONNECT VERTICAL JAMBS TO BUILDING PEDESTALS. STRUCTURE, FLOOD WATER SUPPLY / DRAIN FITTING TO BASIN. FINISH CONCRETE TO -USE SUPPLIED SELF DRILLING LIFT BARRIER PANEL TO **ELEVATION OF TOP** FASTENERS TO CONNECT GROUT FILL JAMBS FULL HEIGHT THE OPEN POSITION. OF BARRIER'S BASIN. FLOOD WATER SUPPLY / DRAIN ENSURE GROUT / CONCRETE DETAIL 3A FITTING TO BOTTOM OF FLOWS TO FULLY CONSOLIDATE BARRIER ASSEMBLY. GROUT TO BE PROVIDED BY CONTRACTOR. VERIFY ALIGNMENT AND ATTACH JAMBS TO EXISTING WALL AT PRELOCATED HOLE LOCATIONS WITH SUPPLIED ANCHORS / FASTENERS. 8" TYPICAL VERTICAL ANCHOR SPACING. DETAIL 3E **DETAIL 3D** DETAIL 4C **DETAIL 4D** LEVEL BARRIER WITH PROVIDED LEVELING BOLTS. FILL AROUND BASIN AND INSIDE OF PEDESTALS WITH CONCRETE / **DETAIL 3C** GROUT. ENSURE FULL CONSOLIDATION BETWEEN BARRIER SEAL CRITICAL JOINTS AS AND SUBSTRUCTURE. NEW POUR TO DIRECTED BY PRODUCT BE TIED INTO SUBSTRUCTURE BY O&M. SEALANTS ARE AFTER ENSURING BARRIER IS LEVEL AND CONTRACTOR. DESIGN OF PROVIDED BY CONNECTION TO BE BY EOR. SQUARE TO BUILDING, SHIM AND ANCHOR TO MANUFACTURER. BRACE AGAINST MOVEMENT AS NECESSARY. **EXISTING DETAIL 4B** DETAIL 4A LOCATED HOLES AND CONCRETE ANCHORS SUBSTRUCTURE PROVIDED. 8 ANCHORS TYPICAL PER BARRIER. **DETAIL 3B** OPTIONAL FEATURES MAY REQUIRE POWER AT THE BARRIER LOCATION. PROPRIETARY AND CONFIDENTIAL DATE: 3/24/2022 DRAWINGS ARE EXCLUSIVE PROPERTY OF **BH-590 REFERENCE INSTALL DRAWINGS PS** Flood Barriers PRODUCTION SPECIALTIES CORPORATION, dba SCALE: NTS PS INDUSTRIES AND CANNOT BE USED IN WHOLE OR 1150 48th St. S GRAND FORKS, ND 58201 PH. 701-746-4519 FAX 701-746-8340 PART WITHOUT WRITTEN CONSENT © 2022 PS INDUSTRIES ALL RIGHTS RESERVED SHEET #: 2 OF 2