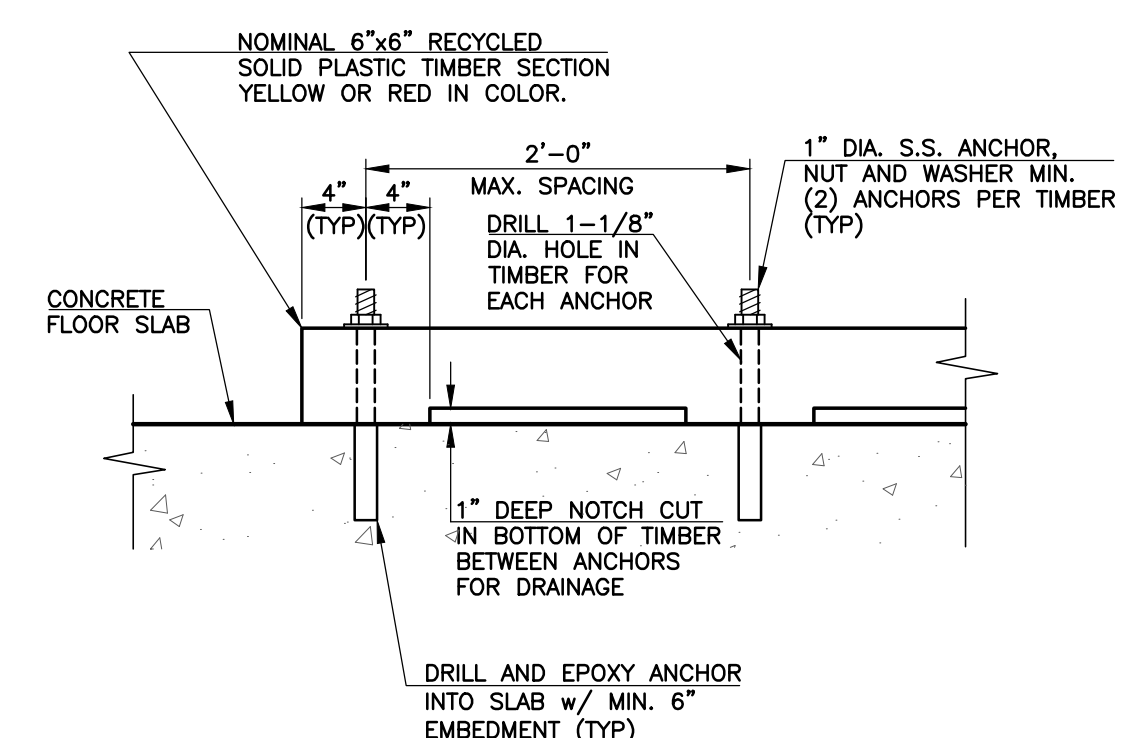
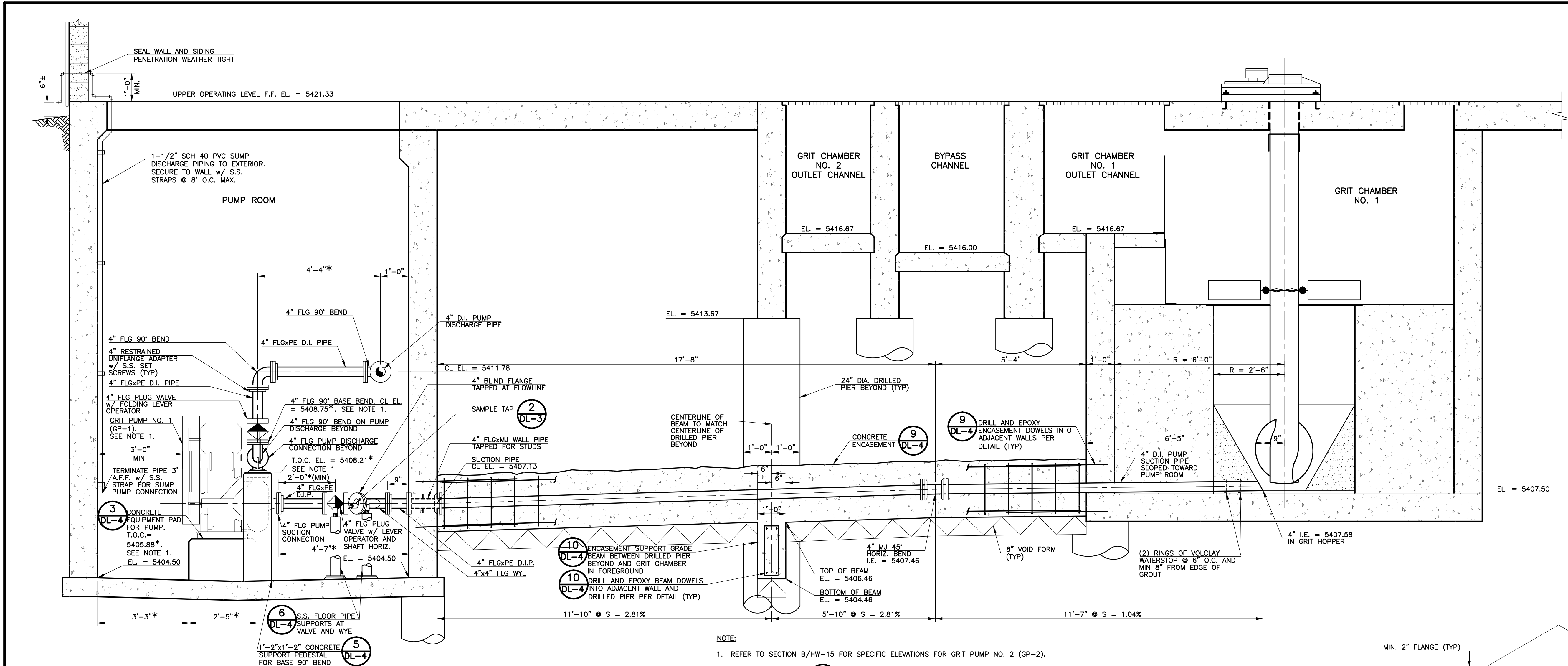
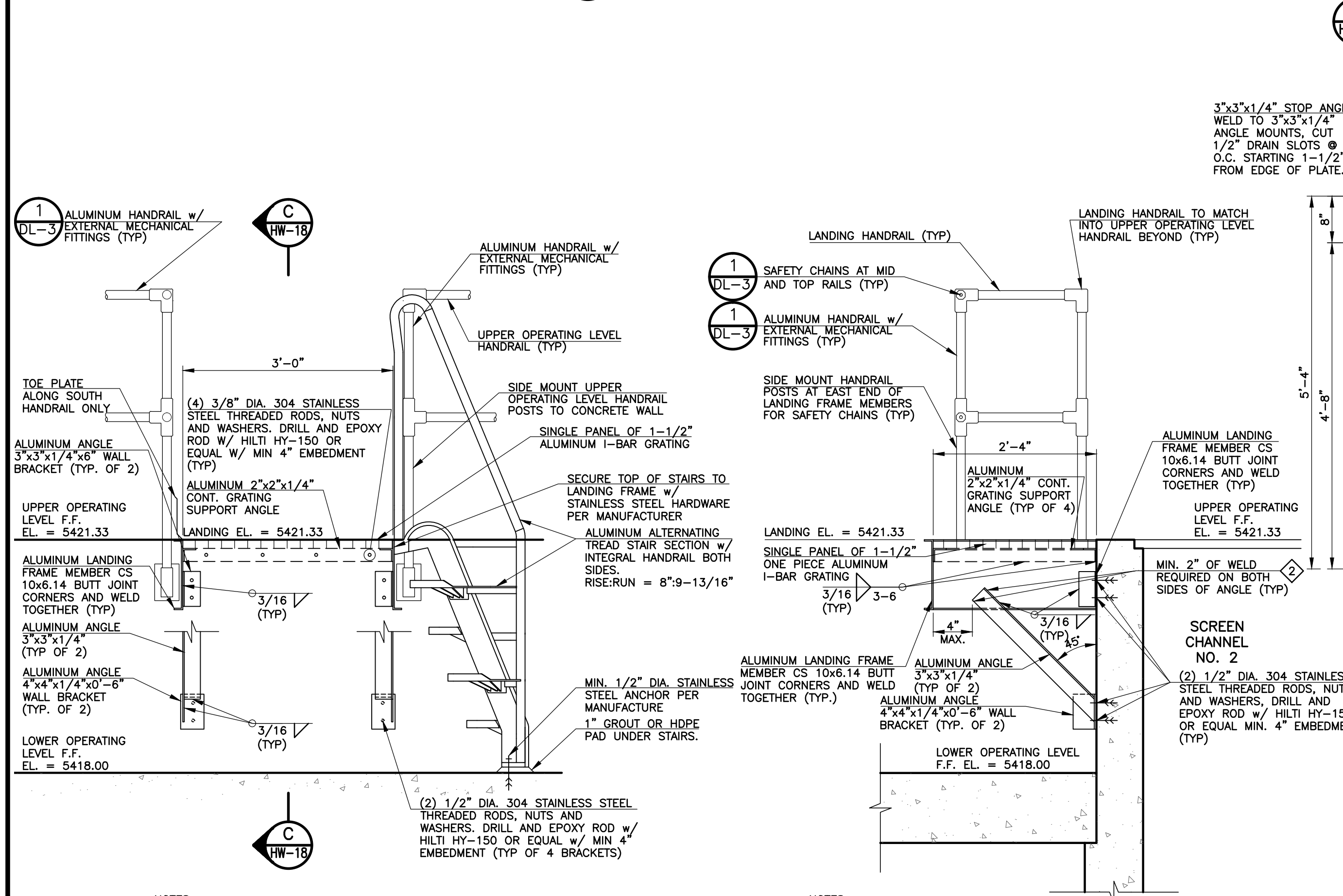




NOTE:
1. PLASTIC TIMBERS TO BE COMPLEX PLASTICS FIBER FORCE® FIBERGLASS REINFORCED SOLID PLASTIC TIMBERS OR EQUIVALENT. PROVIDE MAXIMUM STOCK LENGTH AVAILABLE TO MINIMIZE JOINTS ALONG SIDE OF SCREENINGS CONTAINER.

1 SCREENINGS CONTAINER GUIDE

SCALE: SCALE 1" = 1'-0"



A SECTION

SCALE: 1/2" = 1'-0"

NOTES:
1. PROVIDE BITUMINOUS COATING ON ALL ALUMINUM SURFACES THAT WILL BE IN CONTACT WITH CONCRETE AND GROUT.
2. PROVIDE PADS, GASKETS OR OTHER MEANS OF GALVANIC PROTECTION BETWEEN DISSIMILAR METALS.

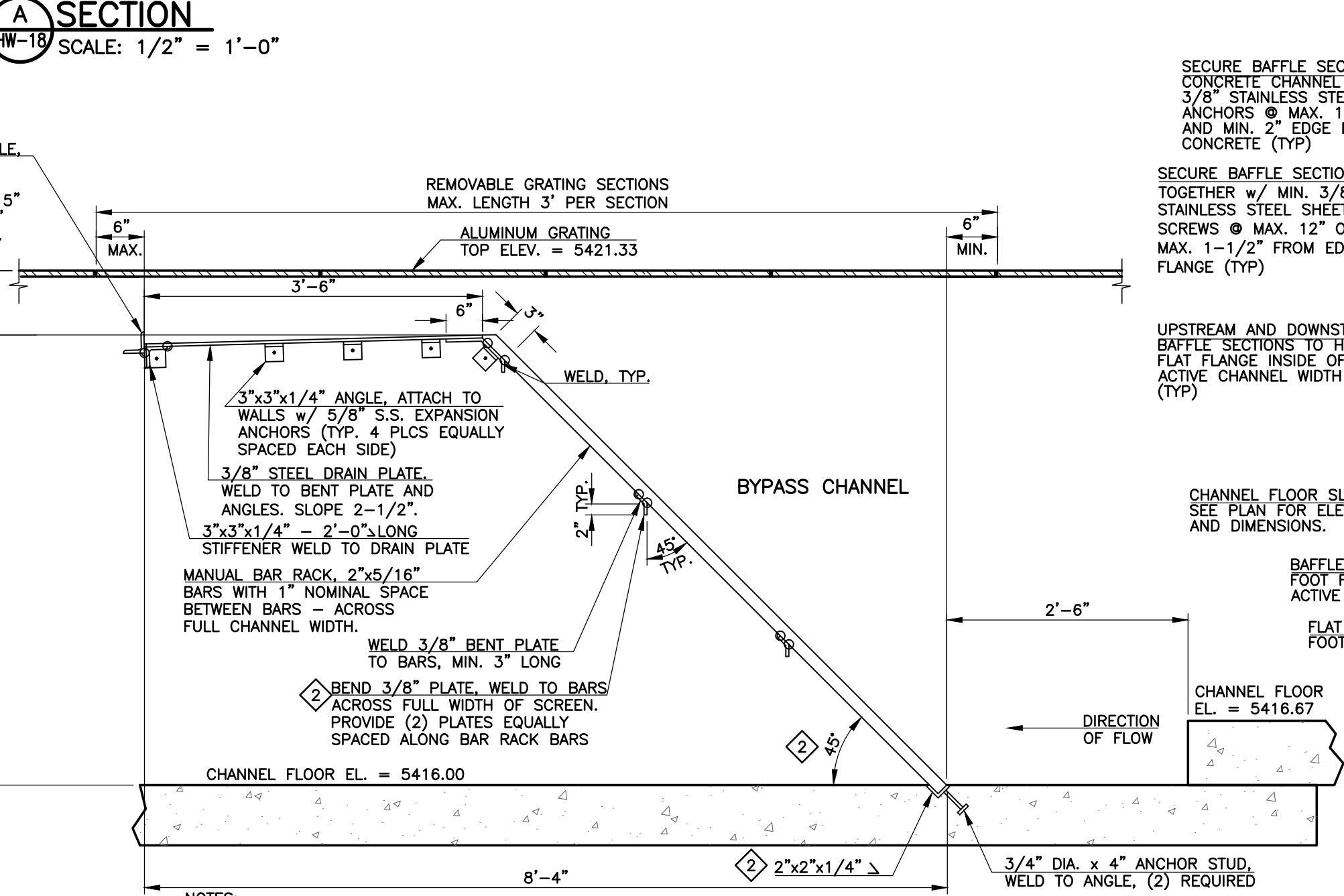
B SECTION

SCALE: 3/4" = 1'-0"

NOTES:
1. PROVIDE BITUMINOUS COATING ON ALL ALUMINUM SURFACES THAT WILL BE IN CONTACT WITH CONCRETE.
2. PROVIDE PADS AND/OR OTHER GASKETS FOR GALVANIC PROTECTION BETWEEN DISSIMILAR METALS.

C SECTION

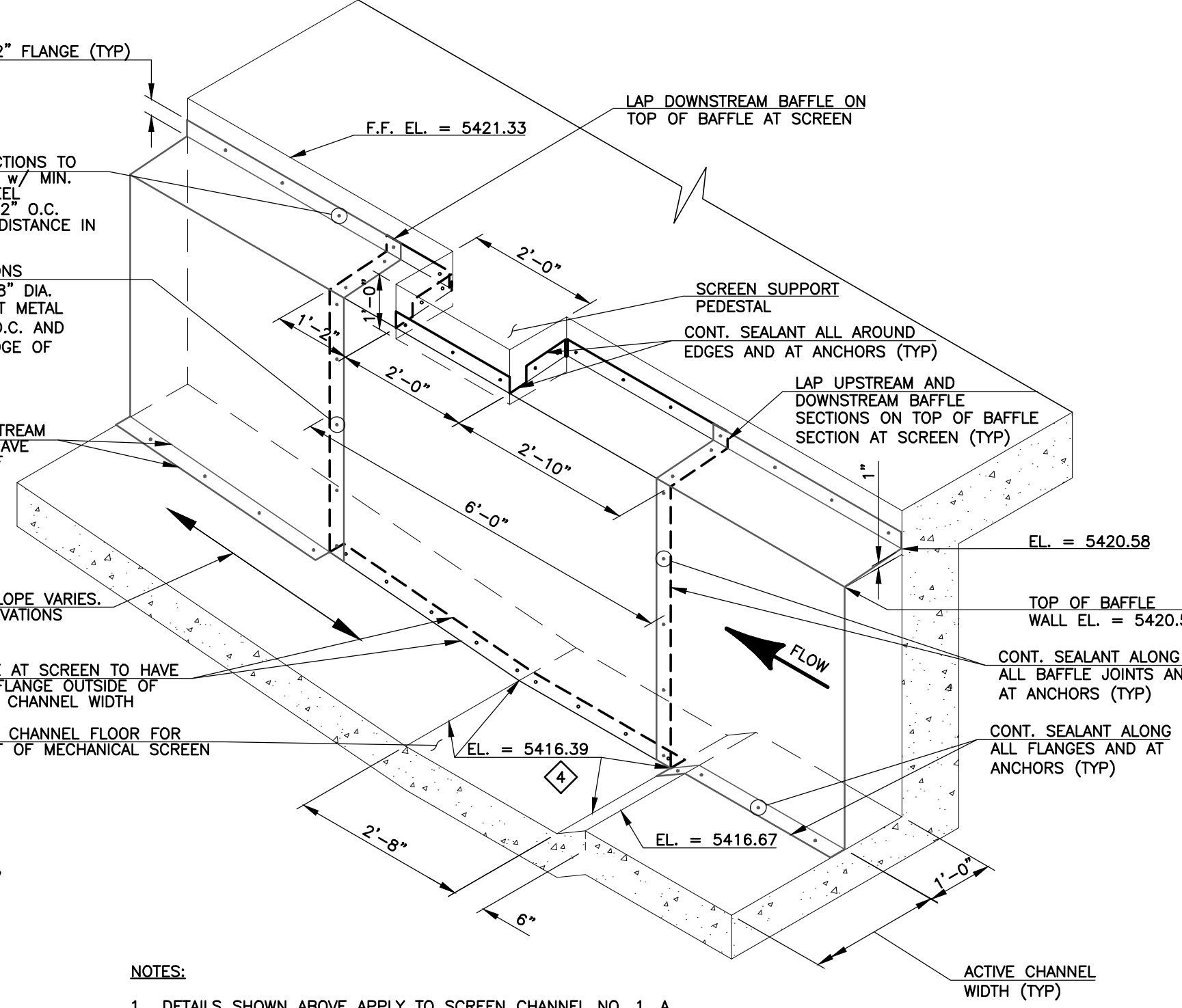
SCALE: 3/4" = 1'-0"



- NOTES:
1. HOT DIP GALVANIZE ALL SCREEN ASSEMBLY COMPONENTS AFTER FABRICATION.
2. CONCRETE REINFORCEMENT NOT SHOWN.
3. FABRICATE SCREEN AND DRAIN PLATE TO ALLOW FOR MIN. 1/4", MAX. 3/8" GAP ON EACH SIDE TO CHANNEL WALL.
4. PROVIDE RAKE FOR MANUAL CLEANING PER SCREEN SPECIFICATIONS.

D BAR SCREEN DETAIL

SCALE: 3/4" = 1'-0"



- NOTES:
1. DETAILS SHOWN ABOVE APPLY TO SCREEN CHANNEL NO. 1. A SIMILAR MIRRORED DETAIL APPLIES TO SCREEN CHANNEL NO. 2. REFER TO CHANNEL PLANS AND SECTIONS FOR CRITICAL DIMENSIONS AND ELEVATIONS PERTINENT TO EACH CHANNEL.
2. ALL CHANNEL BAFFLES SHALL BE FABRICATED FROM 1/8-INCH THICK STAINLESS STEEL.

2 SCREEN CHANNEL BAFFLE DETAIL

SCALE: SCALE 1/2" = 1'-0"

REVISIONS		
NO.	DATE	DESCRIPTION
1	04/06/2011	ISSUED FOR PREPARATION OF CMO
2	05/17/2011	ISSUED FOR PREPARATION OF CMO
3	06/20/2011	ISSUED FOR BUILDING PERMIT SUBMITTAL TO PRBDO (HEADWORKS BUILDING)
4	08/05/2011	ISSUED FOR CONSTRUCTION PER PRBDO BUILDING PERMIT #68510 (HEADWORKS BLDG)

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PROCESS EQUIPMENT AND PIPING SECTIONS HAROLD D. THOMPSON REGIONAL WATER RECLAMATION FACILITY LOWER FOUNTAIN METROPOLITAN SEWAGE DISPOSAL DISTRICT		GMS, INC. CONSULTING ENGINEERS 611 N. WEBER, SUITE 300 COLORADO SPRINGS, COLORADO 80903	SHEET HW-18 OF —
DRAWN: MAM/OLY CHECKED: RJS DATE: 2010 PROJECT NO.: 20166.352 GMS FILE NO.: 2599			