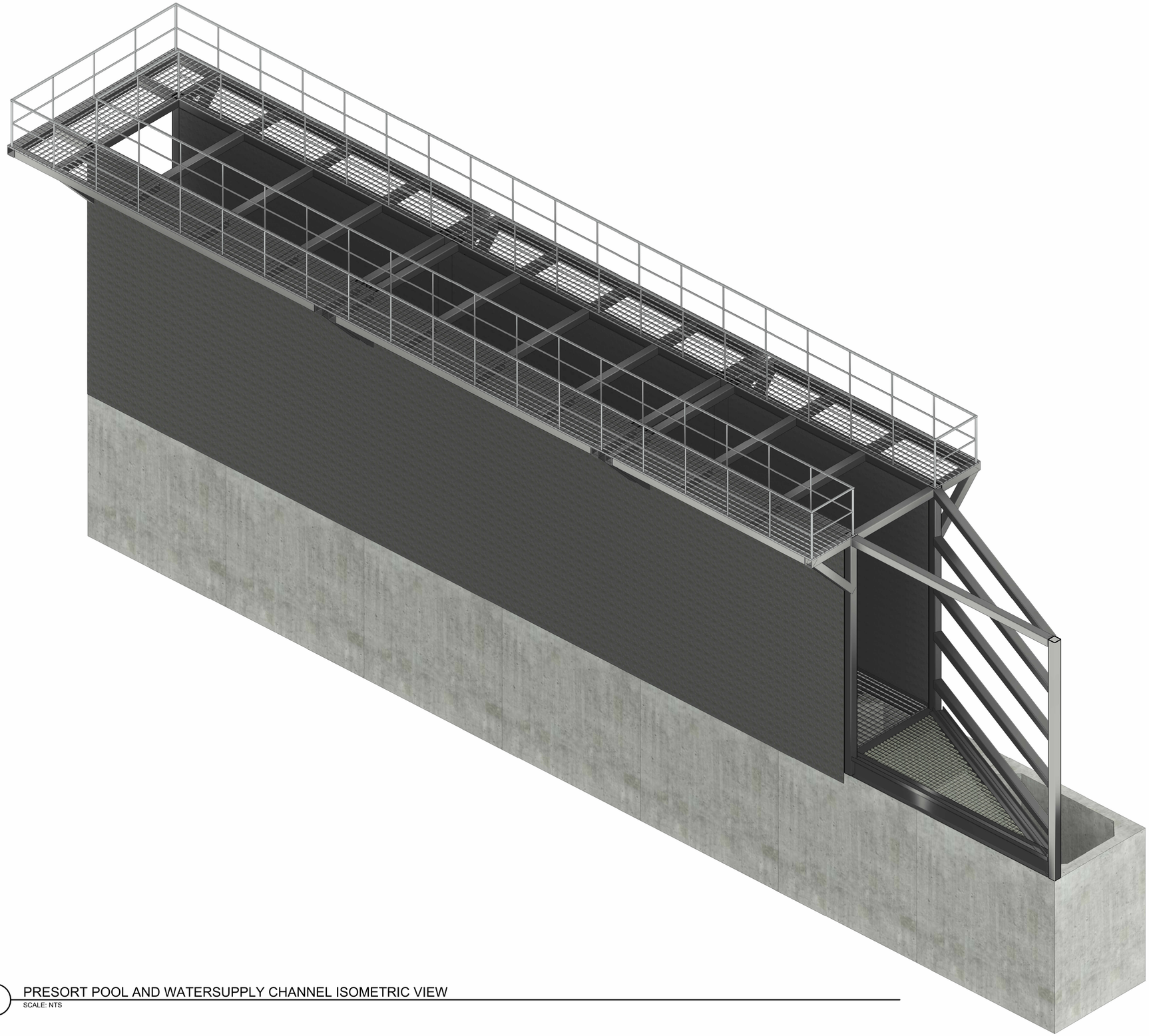


1 PRESORT POOL AND WATERSUPPLY CHANNEL ISOMETRIC VIEW
SCALE: NTS

US Army Corps of Engineers ®

MARK	DESCRIPTION	DATE

US ARMY CORPS OF ENGINEERS
PORTLAND DISTRICT
333 SW 1ST AVE
PORTLAND, OR 97204-3440

DESIGNED BY: K. CARDEBIAN, P.E.
DRAWN BY: M. SADIQI
CHECKED BY:
SUBMITTED BY: M. HANSON, P.E.
SIZE: ANSI D
ISSUE DATE: 01/07/25
SOLICITATION NO.: W91328-XX-X-XXXX
CONTRACT NO.: W91328-XX-X-XXXX
FILE NO.: TRF-1.102 Toutle Structural Model.rvt

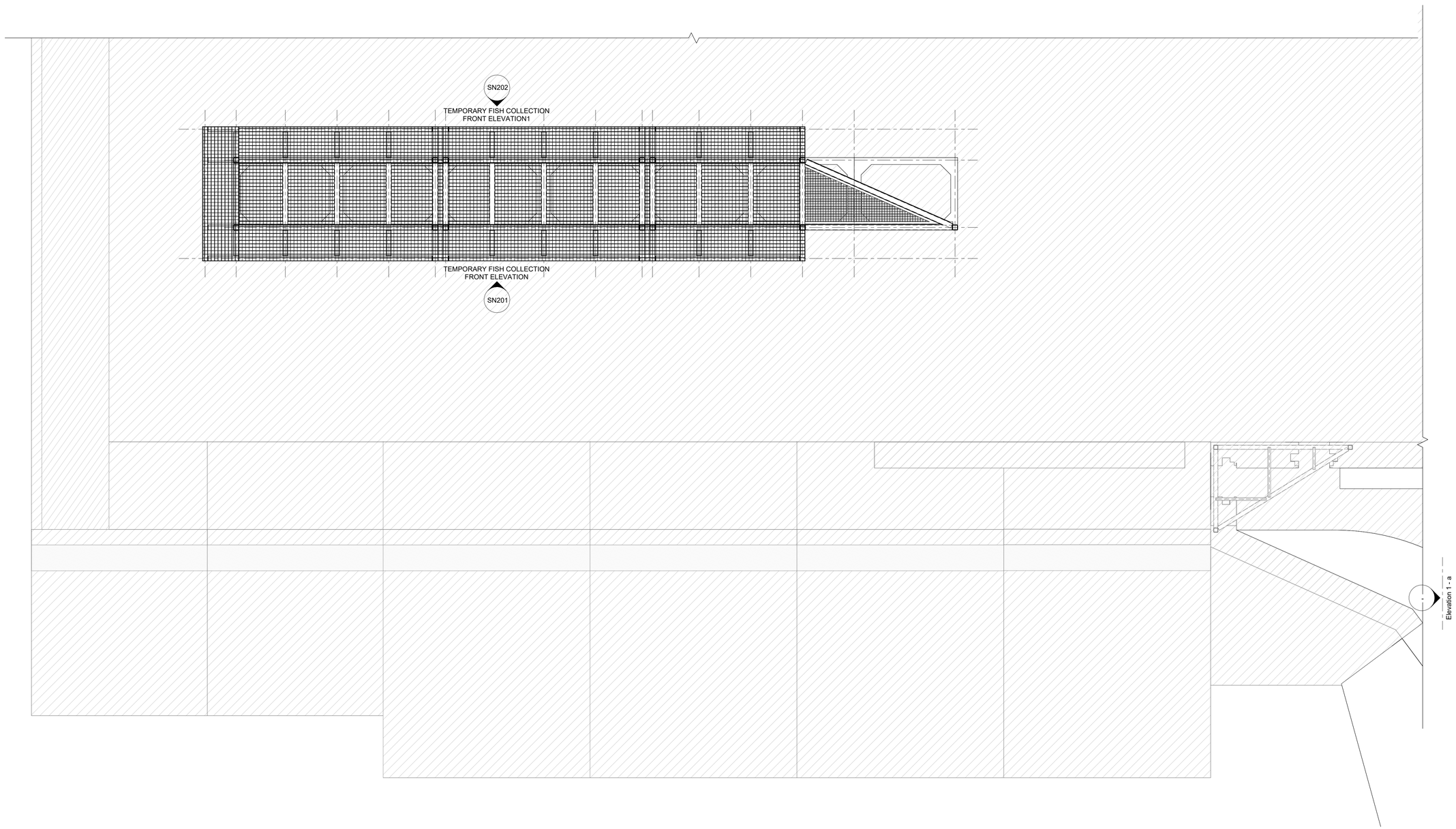
MOUNT SAINT HELENS
TOUTLE RIVER
FISH COLLECTION FACILITY

TEMPORARY FISH COLLECTION ISOMETRIC VIEW

SHEET ID
SN901

Plot Date: 4/27/2026 12:02:12 PM File Path: C:\Users\gfiedler\Documents\00 - TRF-1.102 Toutle Structural Model_1_gfiedler.rvt

90% P&S REVIEW



1 COLLECTION BOX OVERALL PLAN VIEW
SCALE:1 : 60

US Army Corps of Engineers ®

MARK	DESCRIPTION	DATE

DESIGNED BY: K. CARBARCAN, P.E.
DRAWN BY: M. SADIQI
CHECKED BY:
SUBMITTED BY: M. HANSON, P.E.
SIZE: ANSI D
FILE NO.: TTRF-1.102 Toutle Structural Model.rvt
ISSUE DATE: 10/01/2025
SOLICITATION NO.: W91328-XX-X-XXXX
CONTRACT NO.: W91328-XX-X-XXXX

US ARMY CORPS OF ENGINEERS
PORTLAND DISTRICT
333 SW 1ST AVE
PORTLAND, OR 97204-3440

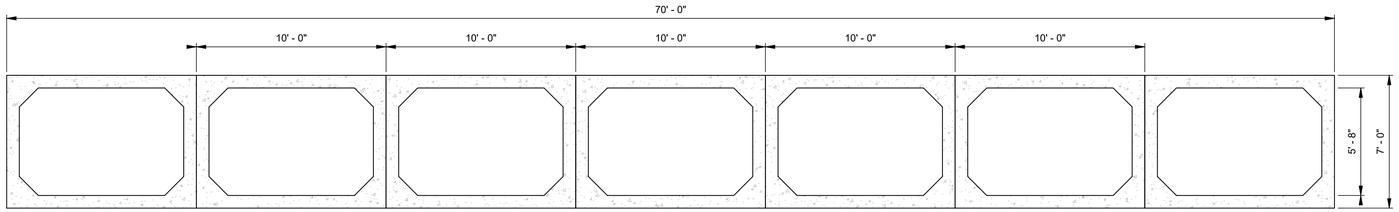
MOUNT SAINT HELENS
TOUTLE RIVER
FISH COLLECTION FACILITY

COLLECTION BOX OVERALL PLAN VIEW

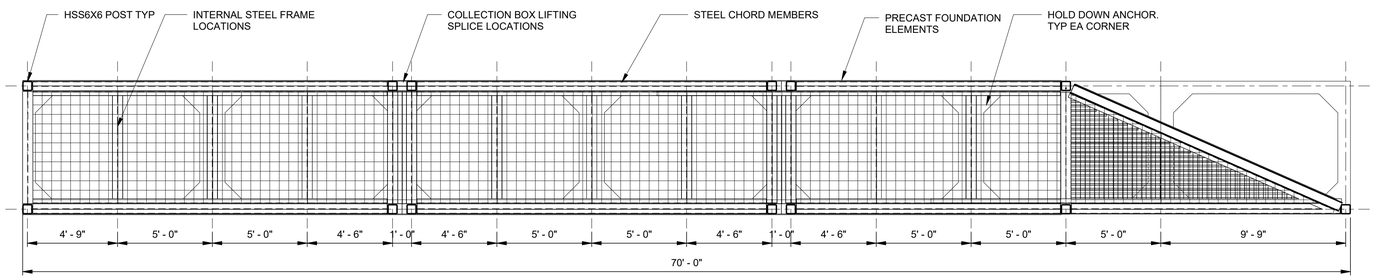
SHEET ID
SN101

90% P&S REVIEW

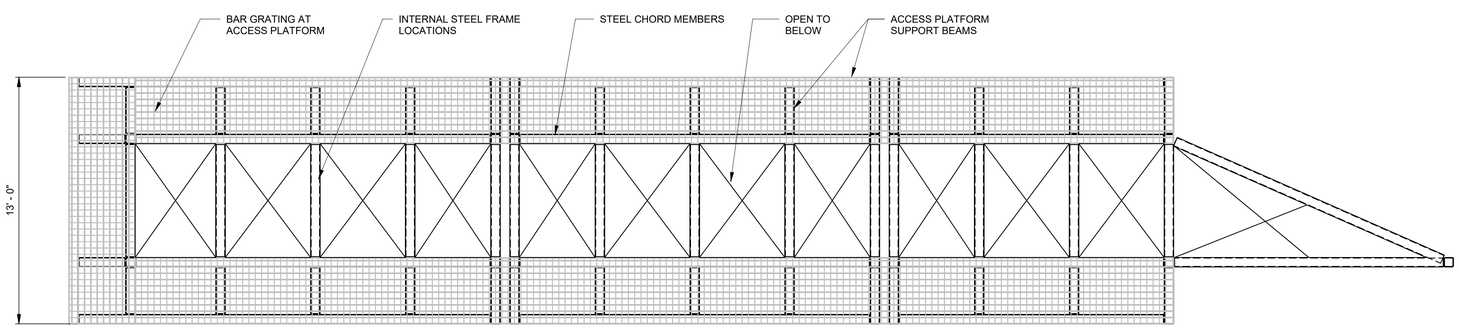
Plot Date: 4/27/2026 12:02:13 PM File Path: C:\Users\gfiedjd\Documents\3D - TRF-1.102 Toutle Structural Model_1_gfiedjd.rvt



1 PLAN VIEW OF COLLECTION BOX AT LOWER LEVEL
SCALE: 1/4" = 1'-0"



2 PLAN VIEW OF COLLECTION BOX AT FLOOR LEVEL
SCALE: 1/4" = 1'-0"



3 PLAN VIEW OF COLLECTION BOX AT UPPER LEVEL
SCALE: 1/4" = 1'-0"

US Army Corps of Engineers ®

MARK	DESCRIPTION	DATE

DESIGNED BY: K. CAMPBELL-CAN, P.E.
DRAWN BY: M. SADIQI
CHECKED BY:
SUBMITTED BY: M. HANSON, P.E.
SIZE: ANSI D
FILE NO.: TRF-1.102 Toutle Structural Model.rvt
ISSUE DATE: 10/7/2025
SOLICITATION NO.: W91328-XX-X-XXXX
CONTRACT NO.: W91328-XX-X-XXXX

US ARMY CORPS OF ENGINEERS
PORTLAND DISTRICT
333 SW 1ST AVE
PORTLAND, OR 97204-3440

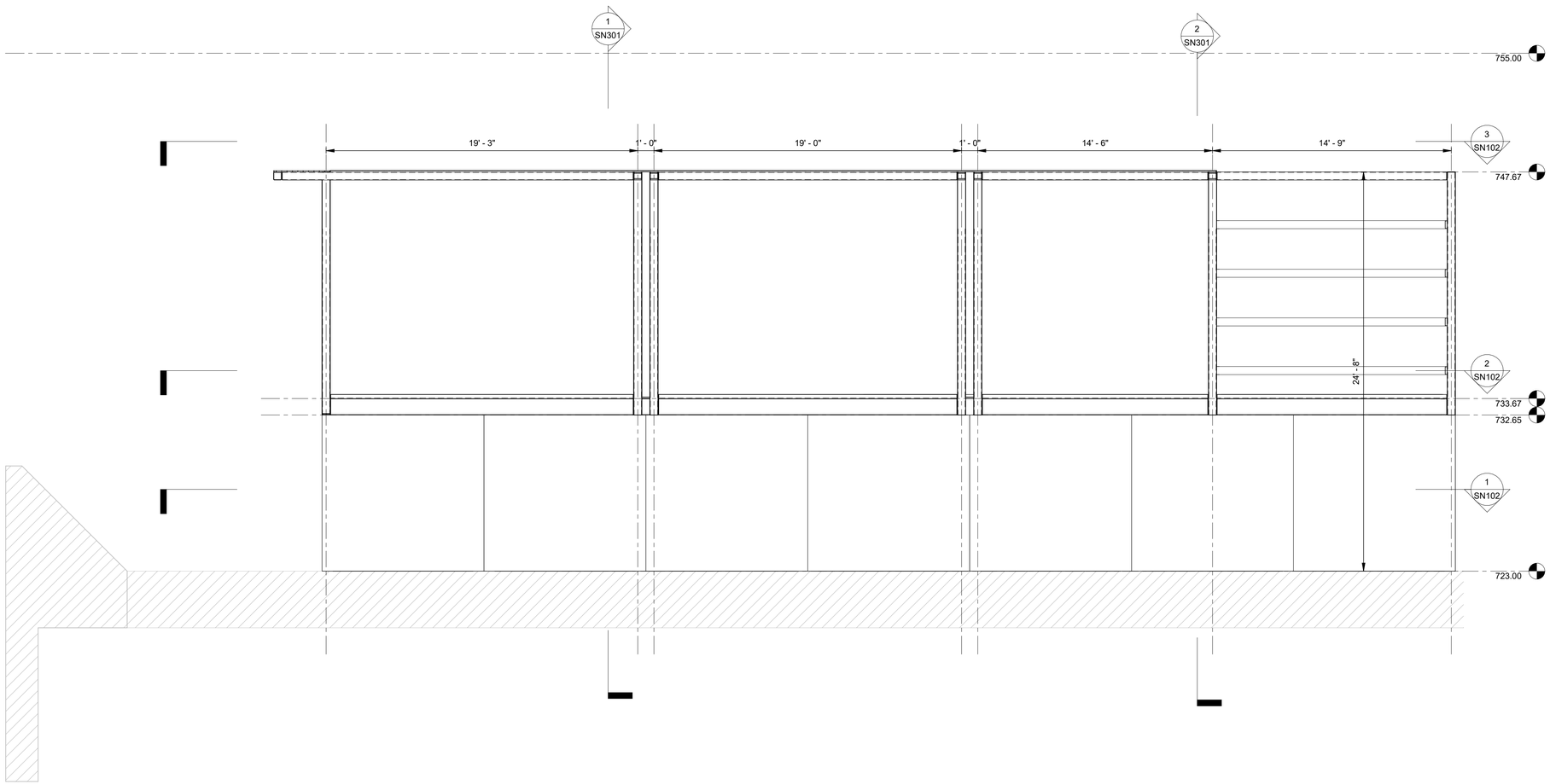
MOUNT SAINT HELENS
TOUTLE RIVER
FISH COLLECTION FACILITY

COLLECTION BOX PLAN VIEWS

SHEET ID
SN102

Plot Date: 4/27/2026 12:02:15 PM File Path: C:\Users\gfiedg\Documents\3D - TRF-1.102 Toutle Structural Model_1_gfiedg.rvt

90% P&S REVIEW



1 TEMPORARY FISH COLLECTION FRONT ELEVATION

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

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MARK	DESCRIPTION	DATE

DESIGNED BY: K. CARABBACAN, P.E.
DRAWN BY: M. SADIQI
CHECKED BY:
SUBMITTED BY: M. HANSON, P.E.
SIZE: ANSI D
FILE NO.: TFF-1.102 Toutle Structural Model.rvt
ISSUE DATE: 01/07/2025
SOLICITATION NO.: W91328-XX-X-XXXX
CONTRACT NO.: W91328-XX-X-XXXX

US ARMY CORPS OF ENGINEERS
PORTLAND DISTRICT
333 SW 1ST AVE
PORTLAND, OR 97204-3440

MOUNT SAINT HELENS
TOUTLE RIVER
FISH COLLECTION FACILITY

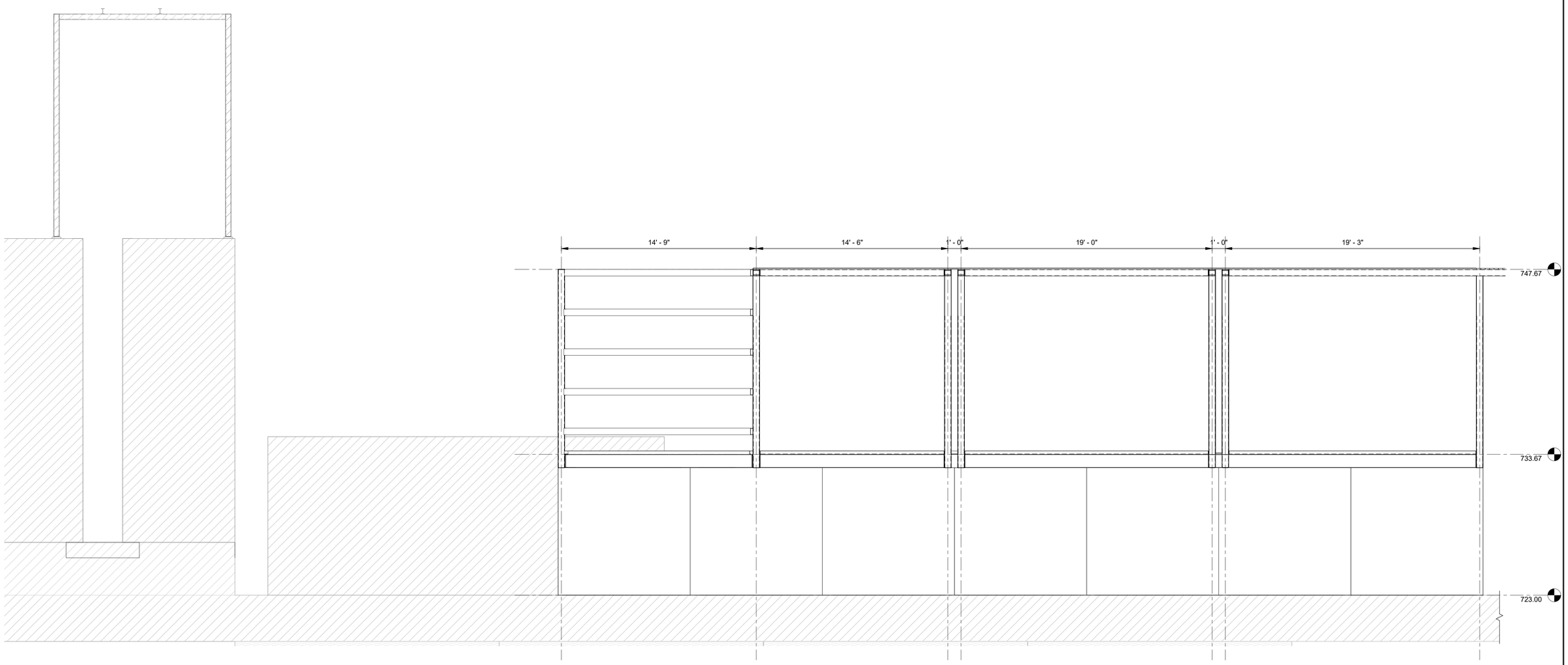
COLLECTION BOX ELEVATION VIEW

SHEET ID

SN201

Plot Date: 4/27/2026 12:02:16 PM File Path: C:\Users\gfiecdpl\Documents\00 - TFF-1.102 Toutle Structural Model_1_gfiecdpl.rvt

90% P&S REVIEW



1 TEMPORARY FISH COLLECTION FRONT ELEVATION1

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

US Army Corps of Engineers ®

MARK	DESCRIPTION	DATE

DESIGNED BY: K. CARPENTER-CAN, P.E.
DRAWN BY: M. SADIQI
CHECKED BY:
SUBMITTED BY: M. HANSON, P.E.
SIZE: ANSI D
ISSUE DATE: 03/07/2025
SOLICITATION NO.: W91328-XX-X-XXXX
CONTRACT NO.: W91328-XX-X-XXXX
FILE NO.: TRF-1.102 Toutle Structural Model.rvt

US ARMY CORPS OF ENGINEERS
PORTLAND DISTRICT
333 SW 1ST AVE
PORTLAND, OR 97204-3440

MOUNT SAINT HELENS
TOUTLE RIVER
FISH COLLECTION FACILITY

COLLECTION BOX ELEVATION VIEW

SHEET ID

SN202

Plot Date: 4/27/2026 12:02:16 PM File Path: C:\Users\gfiedler\Documents\30 - TRF-1.102 Toutle Structural Model_1_gfiedler.rvt

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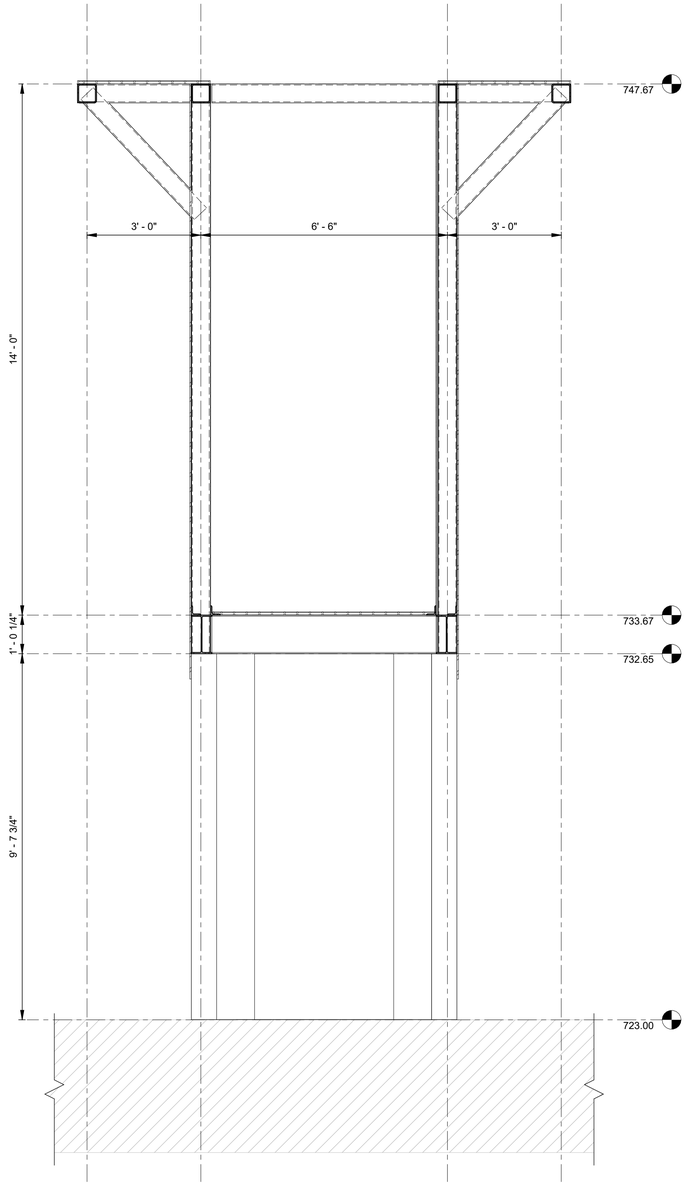
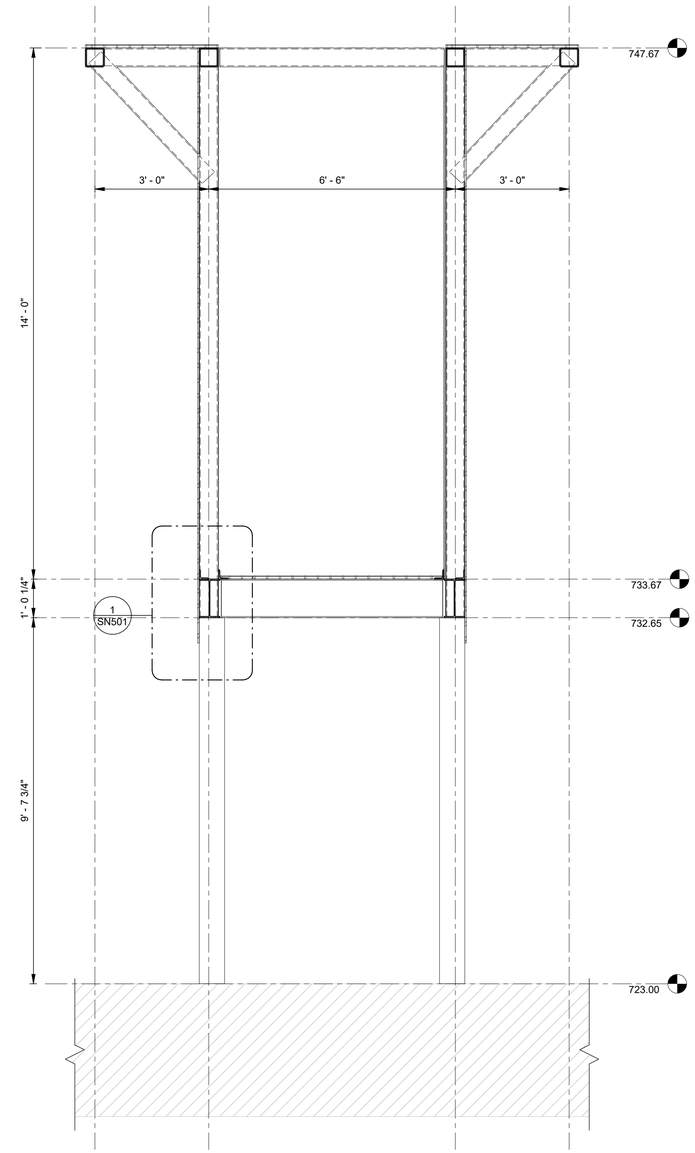


1 COLLECTION BOX SECTION-A
SCALE: 1/2" = 1'-0"



2 COLLECTION BOX SECTION-B
SCALE: 1/2" = 1'-0"

US Army Corps of Engineers ®

MARK	DESCRIPTION	DATE

US ARMY CORPS OF ENGINEERS
PORTLAND DISTRICT
333 SW 1ST AVE
PORTLAND, OR 97204-3440

DESIGNED BY: K. CAMPBELL-CAN, P.E.
DRAWN BY: M. SADIQI
CHECKED BY:
SUBMITTED BY: M. HANSON, P.E.
SIZE: ANSI D
ISSUE DATE: 03/07/2025
SOLICITATION NO.: W91328-XX-X-XXXX
CONTRACT NO.: W91328-XX-X-XXXX
FILE NO.: TRF-1.102 Toutle Structural Model.rvt

MOUNT SAINT HELENS
TOUTLE RIVER
FISH COLLECTION FACILITY

COLLECTION BOX SECTION VIEW

SHEET ID
SN301

Plot Date: 4/27/2026 12:02:17 PM File Path: C:\Users\gfiedler\Documents\30 - TRF-1.102 Toutle Structural Model_1_gfiedler.rvt

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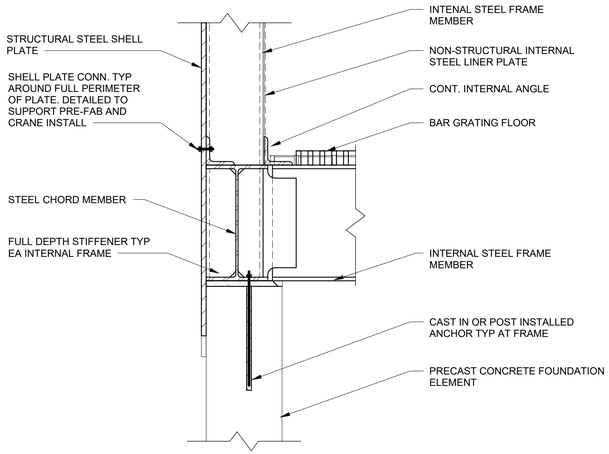
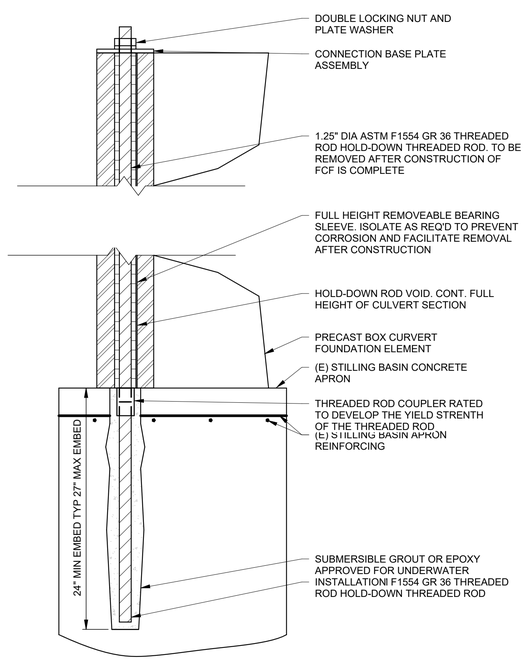


1 TYPICAL STEEL FRAME BASE CONNECTION

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



2 TRASH RACK LEDGER EMBED INTO CONCRETE WEIR BOX WALL

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

US Army Corps of Engineers ®

MARK	DESCRIPTION	DATE

DESIGNED BY: K. CHARBONEAU, P.E.
DRAWN BY: M. SADIQI
CHECKED BY:
SUBMITTED BY: M. HANSON, P.E.
SIZE: ANSI D
ISSUE DATE: 03/07/2025
SOLICITATION NO.: W91328-XX-X-XXXX
CONTRACT NO.: W91328-XX-X-XXXX
FILE NO.: TRF-1.102 Toutle Structural Model.rvt

US ARMY CORPS OF ENGINEERS
PORTLAND DISTRICT
333 SW 1ST AVE
PORTLAND, OR 97204-3440

MOUNT SAINT HELENS
TOUTLE RIVER
FISH COLLECTION FACILITY

COLLECTION BOX DETAIL

SHEET ID
SN501

Plot Date: 4/27/2026 12:02:17 PM File Path: C:\Users\gfiedler\Documents\00 - TRF-1.102 Toutle Structural Model_1_gfiedler.rvt

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