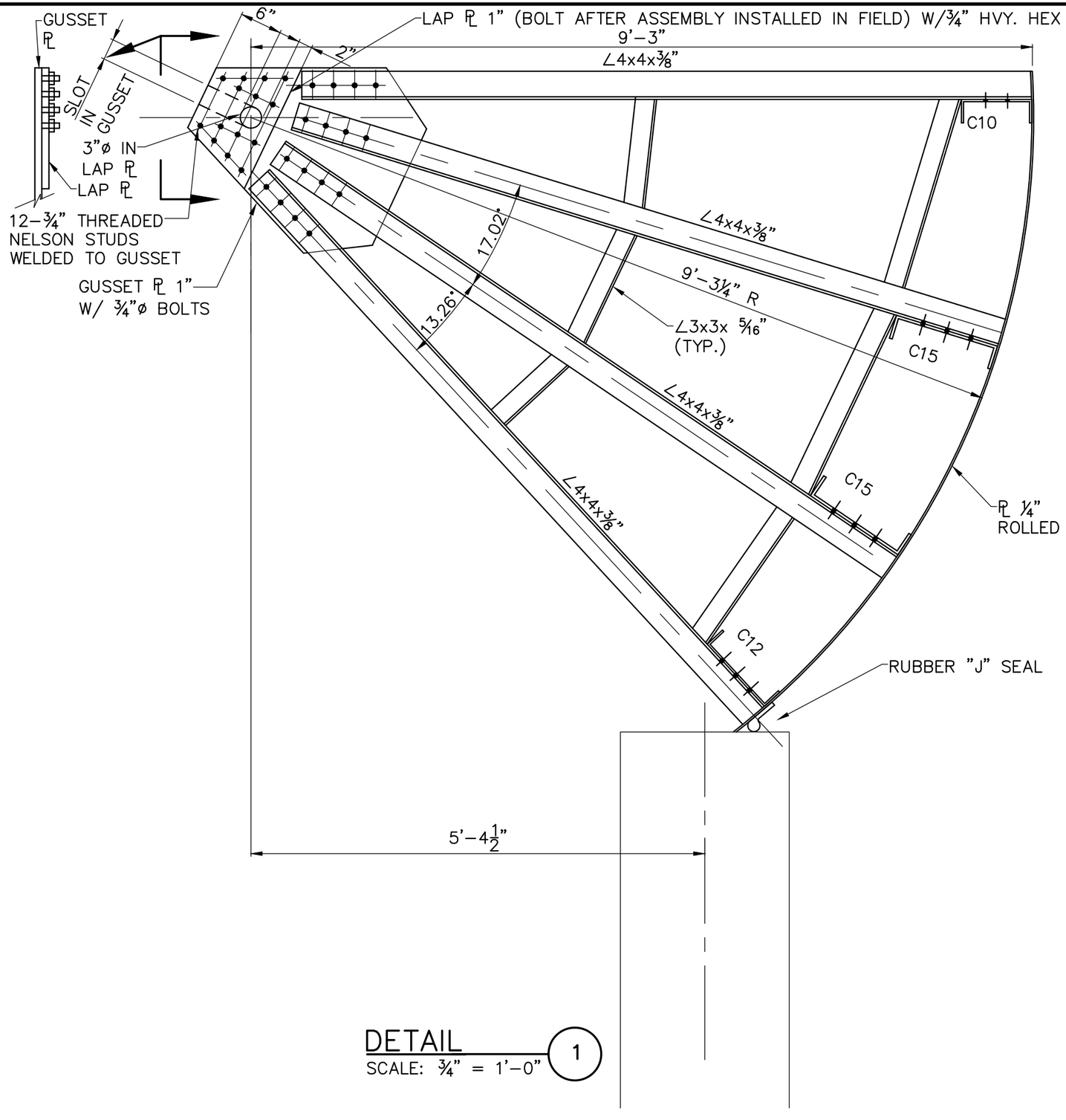
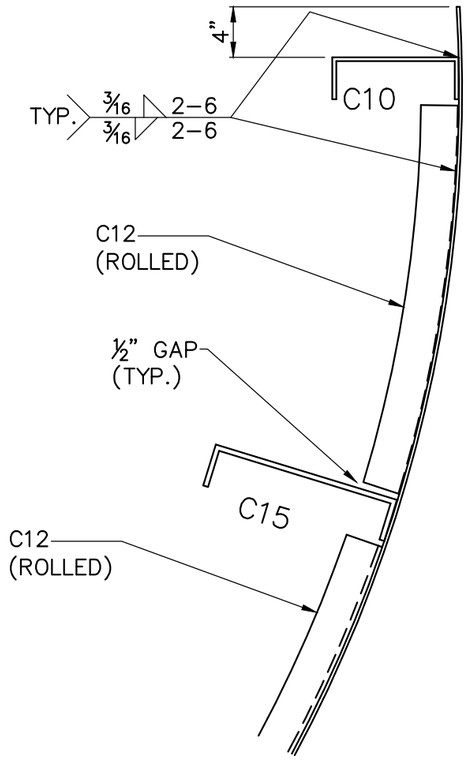
DATE OF PRINT: 2/8/2016 2:25PM PROJECT: N15005-01, DRAWING: PLAN AND SECTIONS (463522v13/2/8/16 2:21PM), LAYOUT: DETAILS



DETAIL
SCALE: ¾" = 1'–0"
1



SECTION
SCALE: 1" = 1'–0"
D

NOTE:

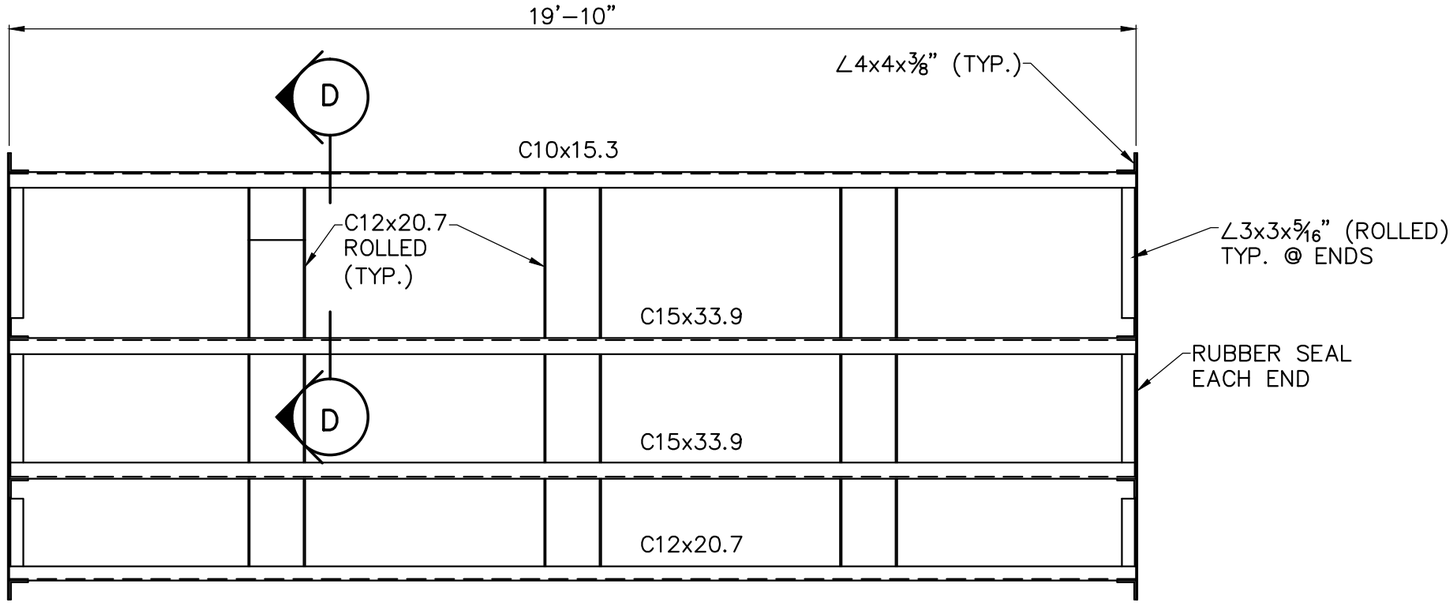
FIELD VERIFY ALL DIMENSIONS.

TWRA (BINKLEY GARCIA)
CARROLL LAKE DRAIN REHABILITATION

SPILLWAY STRUCTURE GATE DETAILS 1 OF 2

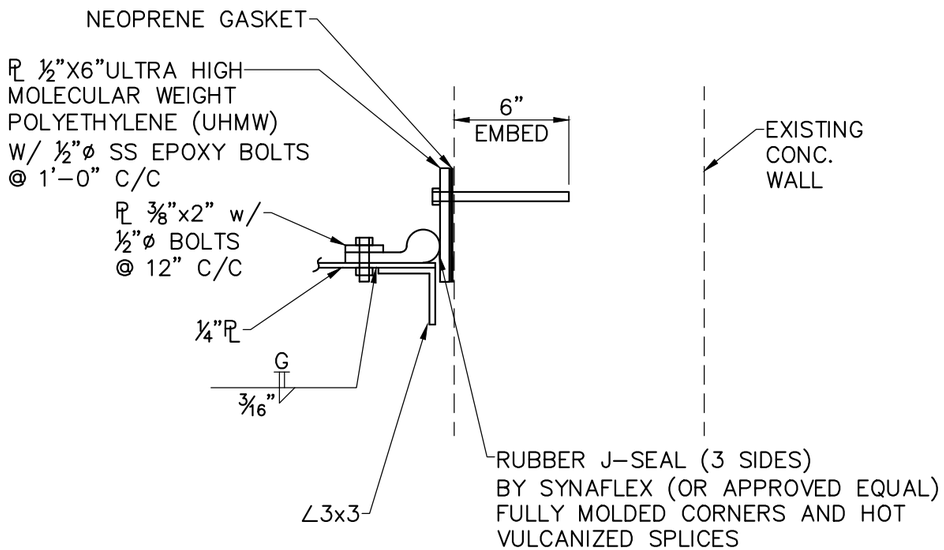
CTI	N15005	5

DATE OF PRINT: 2/8/2016 2:21PM, LAYOUT: DETAILS (2)
PROJECT: N15005-01, DRAWING: PLAN AND SECTIONS (463522v13/2/8/16



BACK VIEW
SCALE: ⅜" = 1'–0"

SECTION C



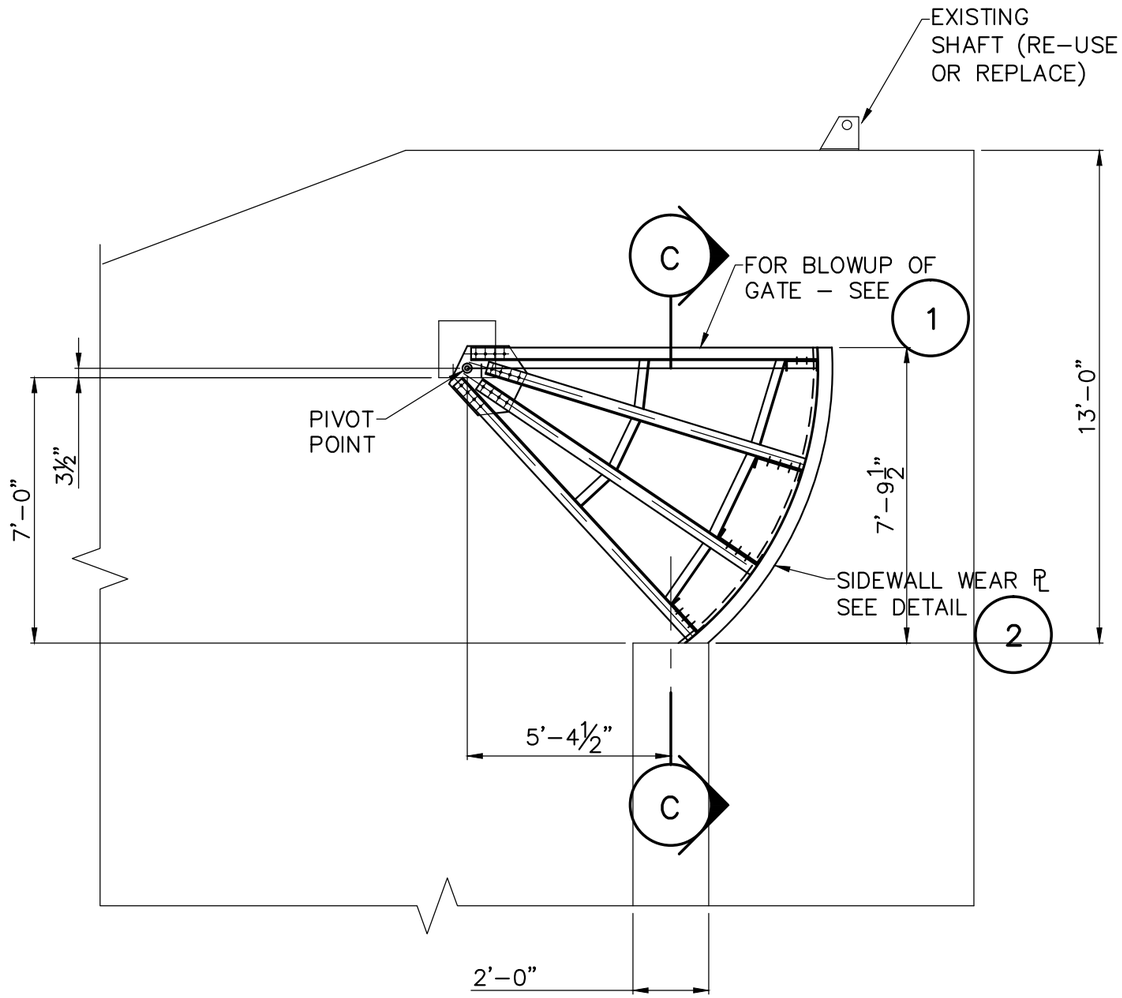
SIDEWALL DETAIL 2
SCALE: 1½" = 1'–0"

TWRA (BINKLEY GARCIA)
CARROLL LAKE DRAIN REHABILITATION

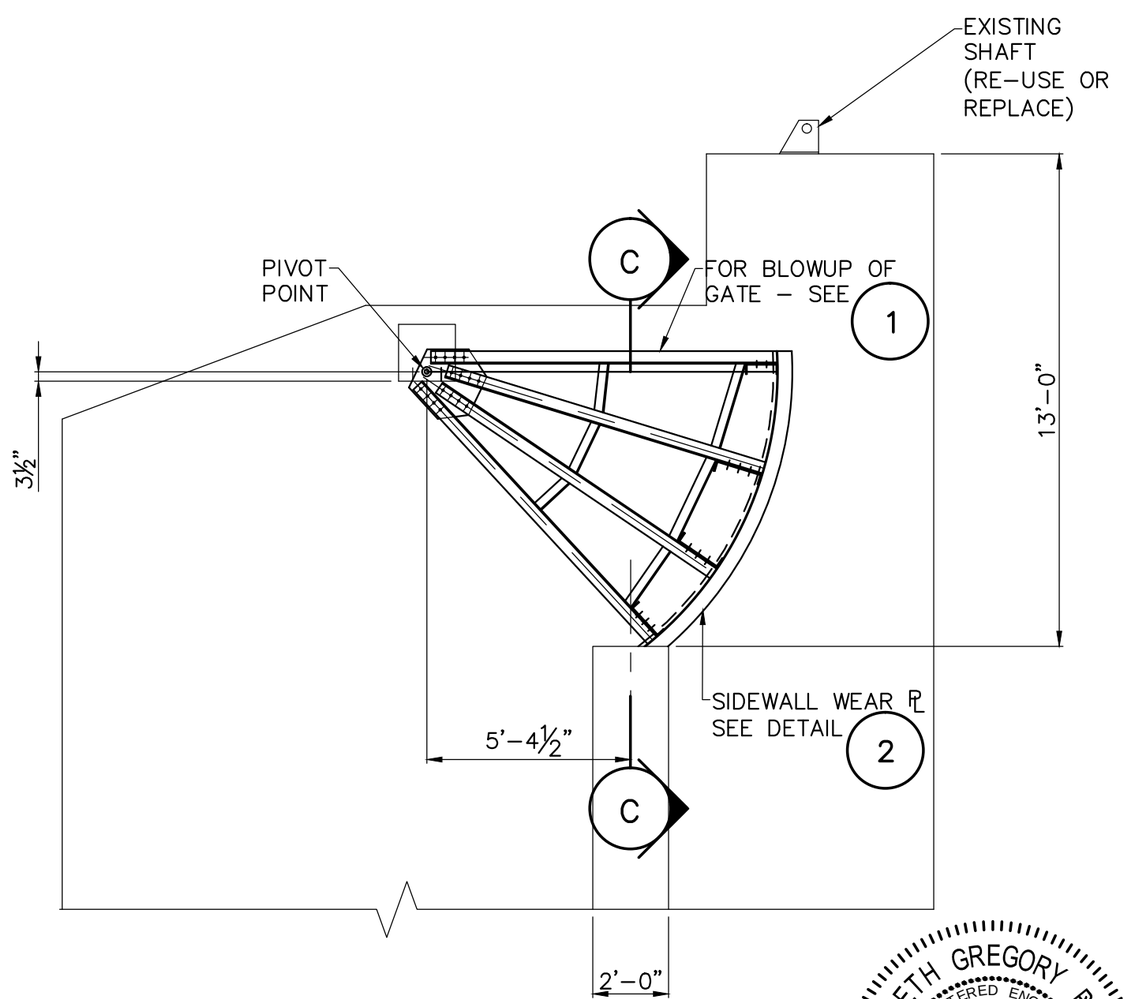
SPILLWAY STRUCTURE GATE DETAILS 2 OF 2

CTI	N15005	6

DATE OF PRINT: 2/8/2016 2:21PM PROJECT: N15005-01, DRAWING: PLAN AND SECTIONS (463522v13/2/8/16 2:21PM), LAYOUT: GATE PLAN



SECTION A
SCALE: ¼" = 1'–0"



SECTION B
SCALE: ¼" = 1'–0"

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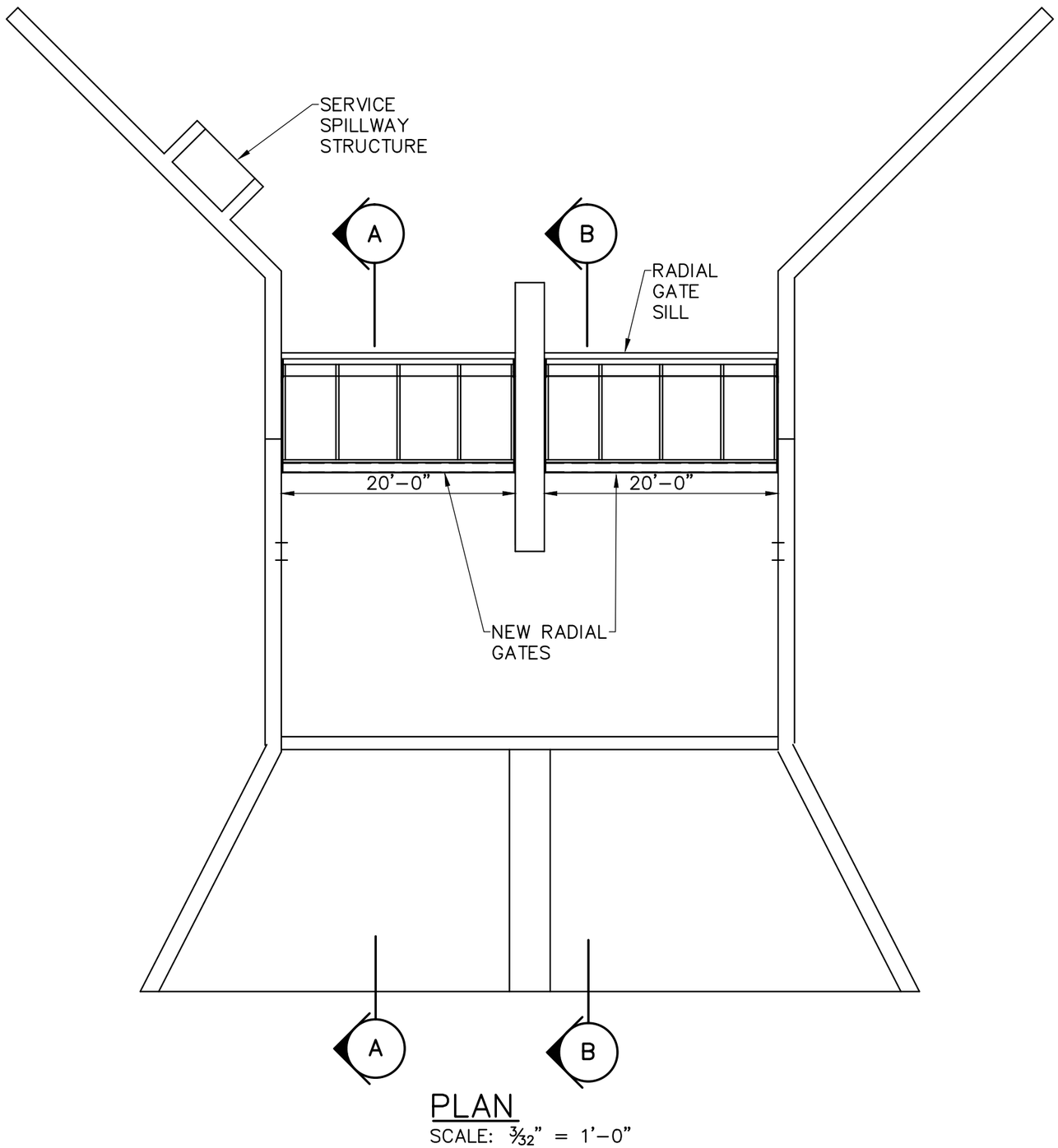
TWRA (BINKLEY GARCIA)
CARROLL LAKE DRAIN REHABILITATION

SPILLWAY STRUCTURE SECTIONS

CTI	N15005	4



PLAN
SCALE: 3/32" = 1'–0"

NOTES:

1. ALL DIMENSIONS AND MEMBER SIZES ARE FOR BIDDING PURPOSES ONLY. CONTRACTOR SHALL OBTAIN ALL FINAL DIMENSIONS FROM THE FIELD AND HAVE THE FABRICATOR'S DESIGN PROFESSIONAL VERIFY ALL MEMBERS AND CONNECTIONS. FABRICATION DRAWINGS SHALL BE SEALED BY A PROFESSIONAL ENGINEER.
2. AFTER FABRICATION, GATE SHALL BE PREPPED AND COATED AS FOLLOWS:
   - A. SURFACE PREPARATION–SSPC–SP10, NEAR–WHITE BLAST CLEANING
   - B. PRIMER–TNEMEC SERIES N69 HI–BUILD EPOXOLINE II, CARBOLINE CARBOGUARD 671 SHERWIN–WILLIAMS COR–COTE SC SEWER–COTE–3–5 MILS
   - C. FINISH – TNEMEC SERIES N69 HI–BUILD EPOXOLINE II, CARBOLINE CARBOGUARD 671 SHERWIN–WILLIAMS DURA–PLATE 235 – 4–6 MILS EACH OF 2 COATS.
3. LIFTING WIRE ROPES SHALL BE REPLACED.
4. EXISTING LIFTING DEVICES, INCLUDING SHAFT AND HOIST, SHALL REMAIN. CONTRACTOR SHALL CLEAN, REPAIR, AND/OR REPLACE FOR A COMPLETE AND OPERABLE SYSTEM.

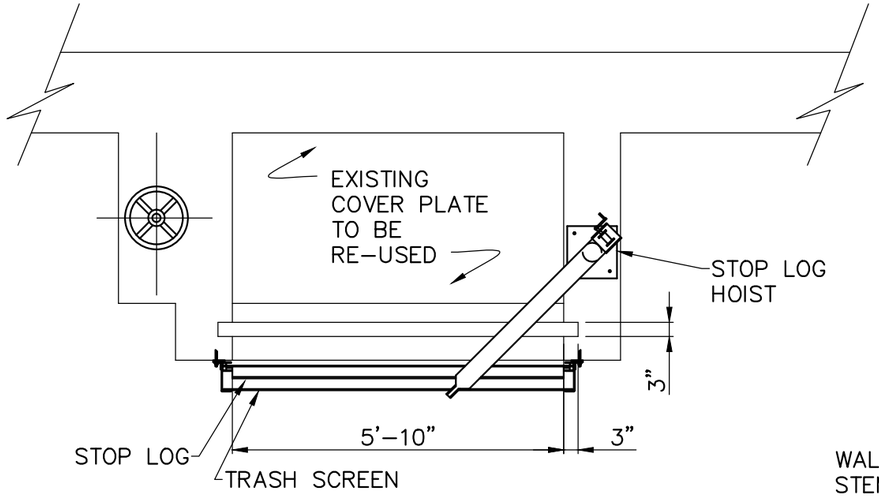
TWRA (BINKLEY GARCIA)
CARROLL LAKE DRAIN REHABILITATION

SPILLWAY STRUCTURE PLAN

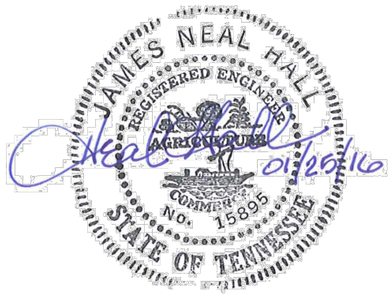
CTI	N15005	3

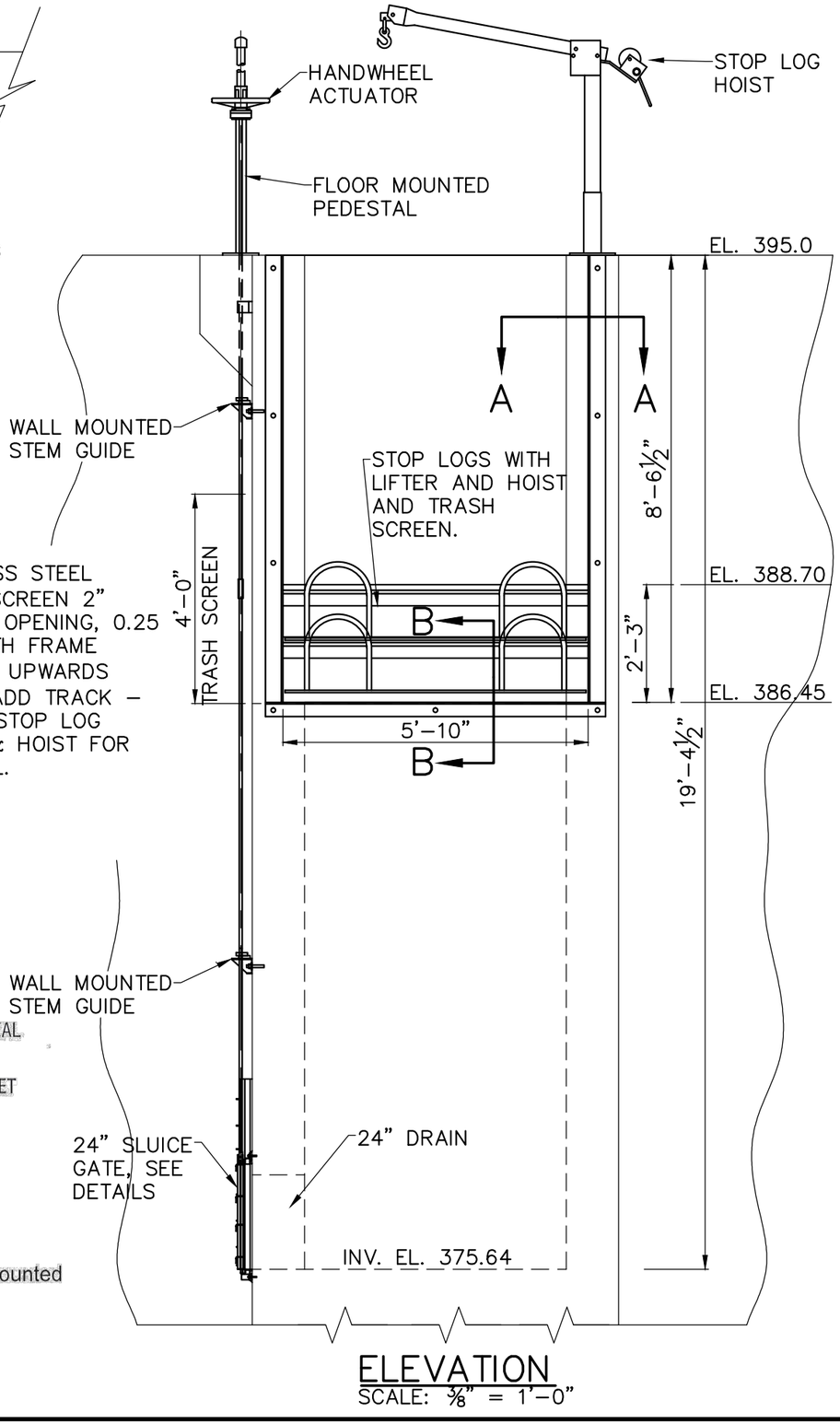
DATE OF PRINT: 2/8/2016 2:25 PM PROJECT: N15005-01, DRAWING: PLAN AND SECTIONS (463522v13/2/8/16 2:21PM), LAYOUT: PLAN

DATE OF PRINT: 2/8/2016 2:25 PM CTI PROJECT: N15005-01, DRAWING: SPILLWAY STRUCTURE (461460v17/1/26/16 1:47PM), LAYOUT: CTI

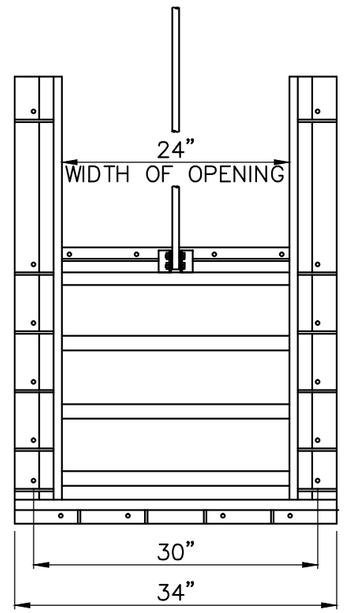


PLAN
SCALE: ⅜" = 1'-0"

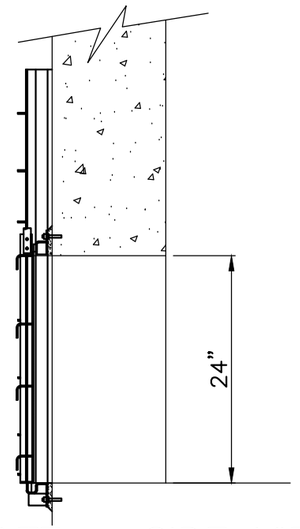




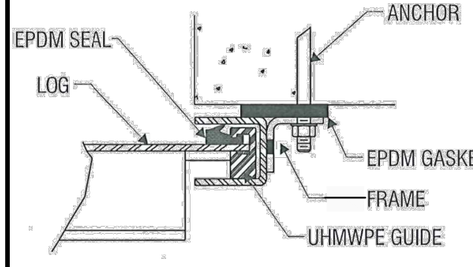
ELEVATION
SCALE: ⅜" = 1'-0"



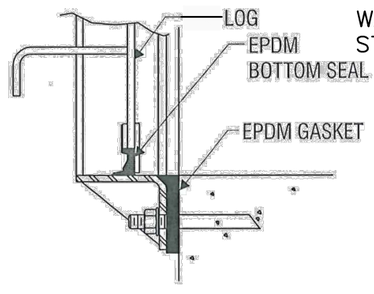
SLUICE GATE – FRONT VIEW
SCALE: ¾" = 1'-0"



SLUICE GATE – SIDE VIEW
SCALE: ¾" = 1'-0"



Detail 95-05
Side section "A-A" of a wall mounted



Detail 95-06
Bottom section "B-B" of a wall mounted

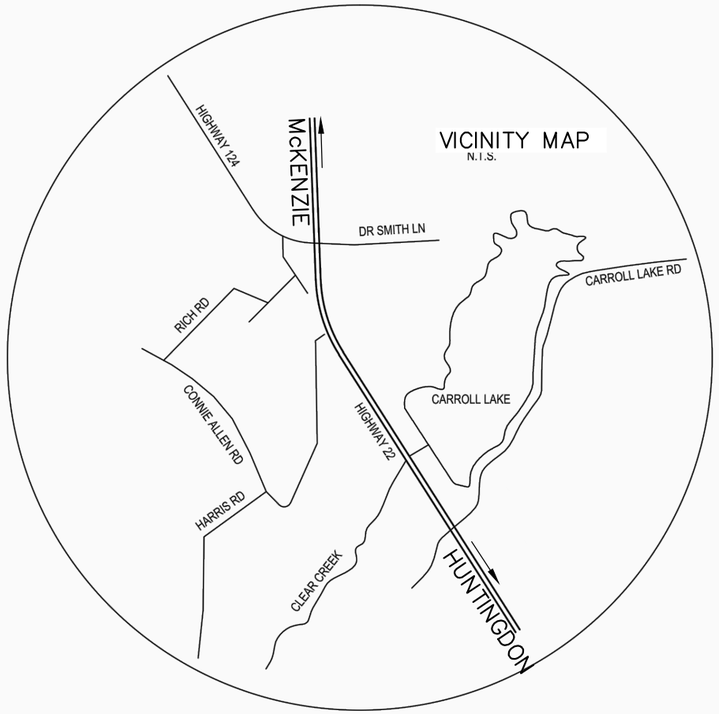
STOP LOG FRAME DETAILS
NOT TO SCALE

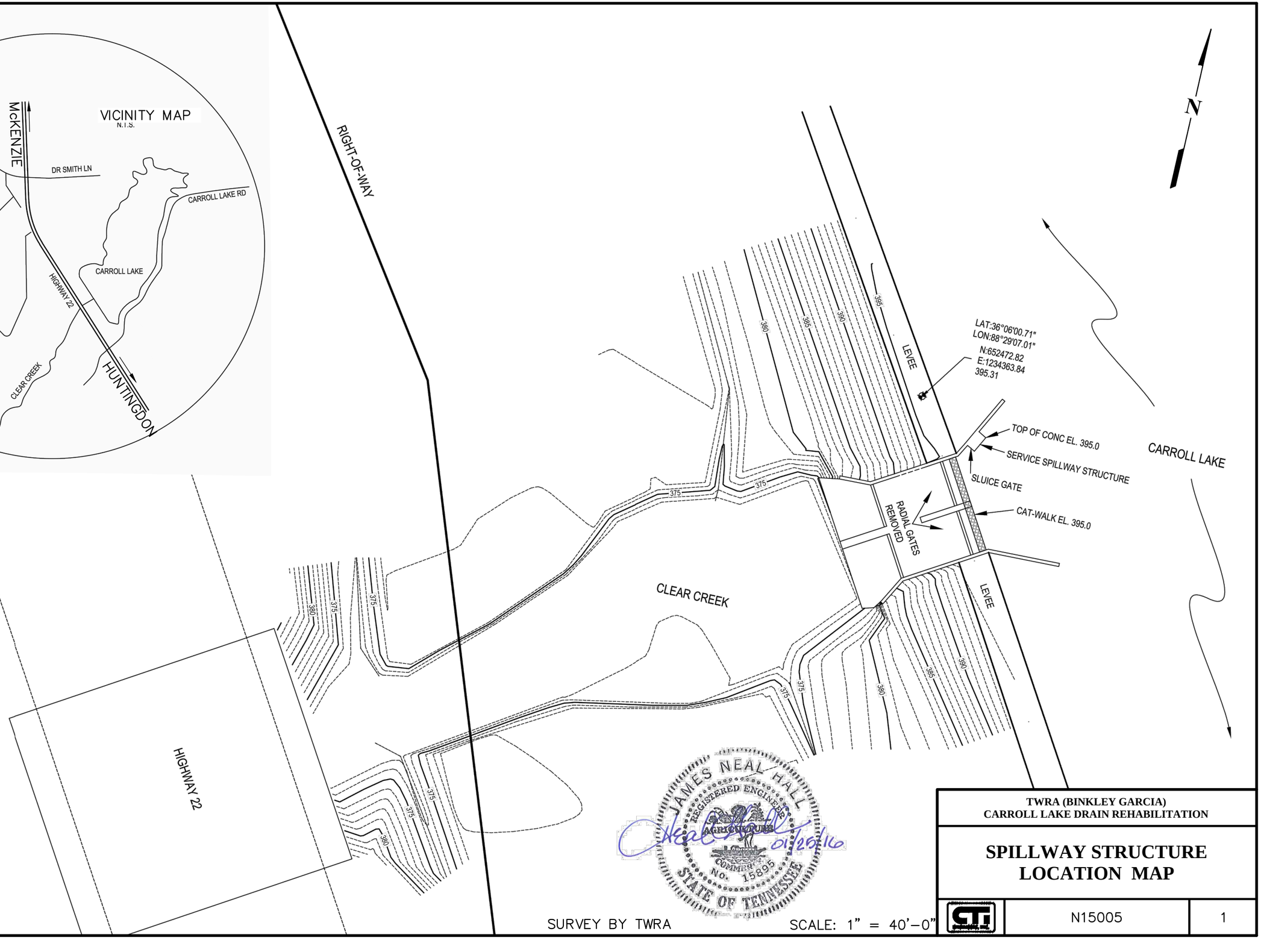
TWRA (BINKLEY GARCIA)
CARROLL LAKE DRAIN REHABILITATION

SPILLWAY STRUCTURE PLAN AND ELEVATION

CTI	N15005	2

DATE OF PRINT: 2/8/2016 2:25 PM CTI PROJECT: N15005-01, DRAWING: SPILLWAY STRUCTURE (461460v17/1/26/16 1:47PM), LAYOUT: LOCATION MAP





JAMES NEAL HALL
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No. 15895
STATE OF TENNESSEE
01/26/16

SURVEY BY TWRA

SCALE: 1" = 40'–0"

TWRA (BINKLEY GARCIA)
CARROLL LAKE DRAIN REHABILITATION

SPILLWAY STRUCTURE LOCATION MAP

CTI	N15005	1