

ASH LAGOON OVERFLOW REHABILITATION

WASTEWATER TREATMENT PLANT REHABILITATION

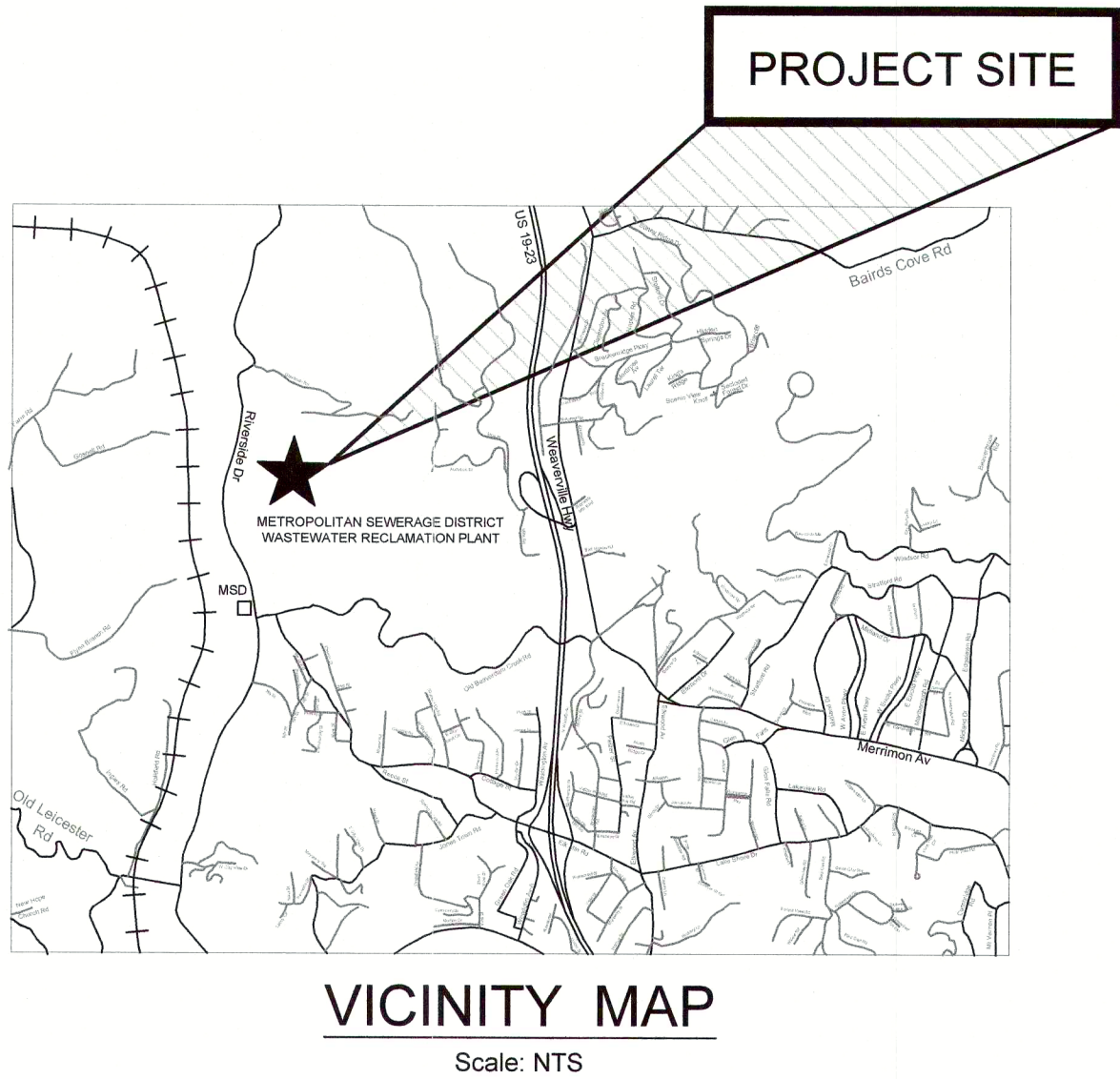
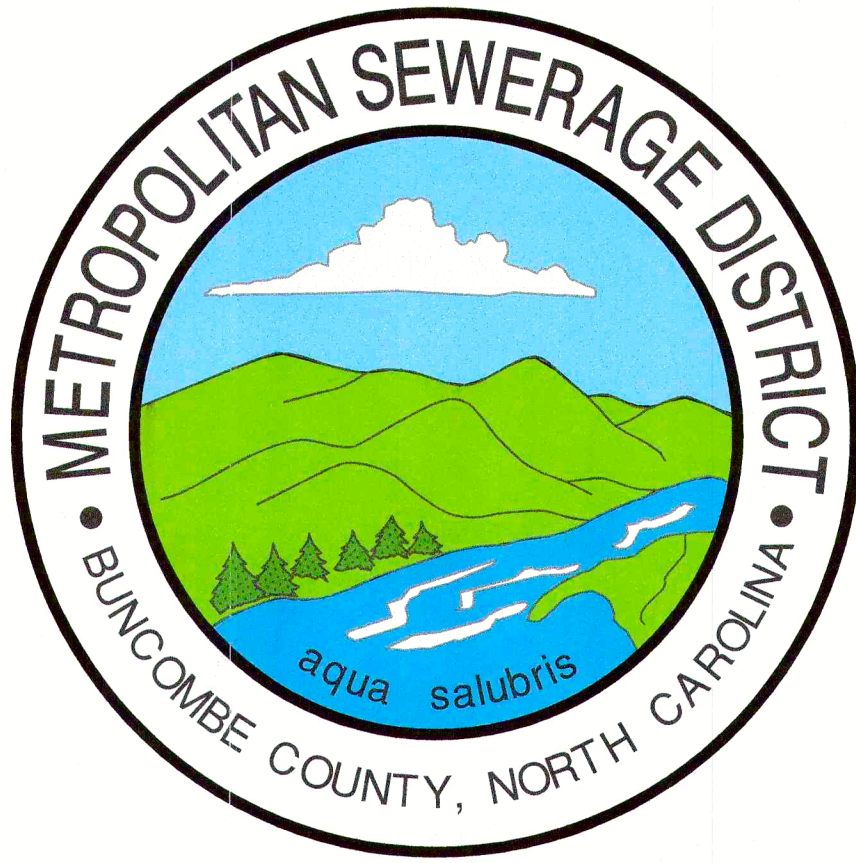
(PROJECT NO. 2025031)

MSD OF BUNCOMBE COUNTY

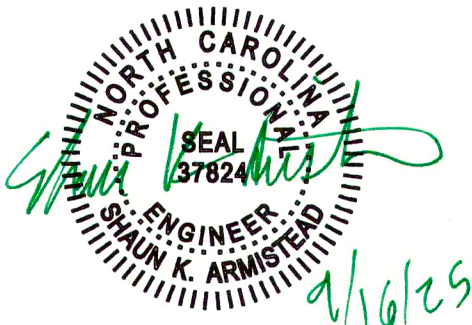


INDEX OF DRAWINGS	
SHEET NO.	DESCRIPTION
C-1	INDEX OF DRAWINGS AND VICINITY MAP
PL-1	SITE PLANS, DAM SECTION, DETAILS
PL-2	EFFLUENT BOX DEMO AND REHAB

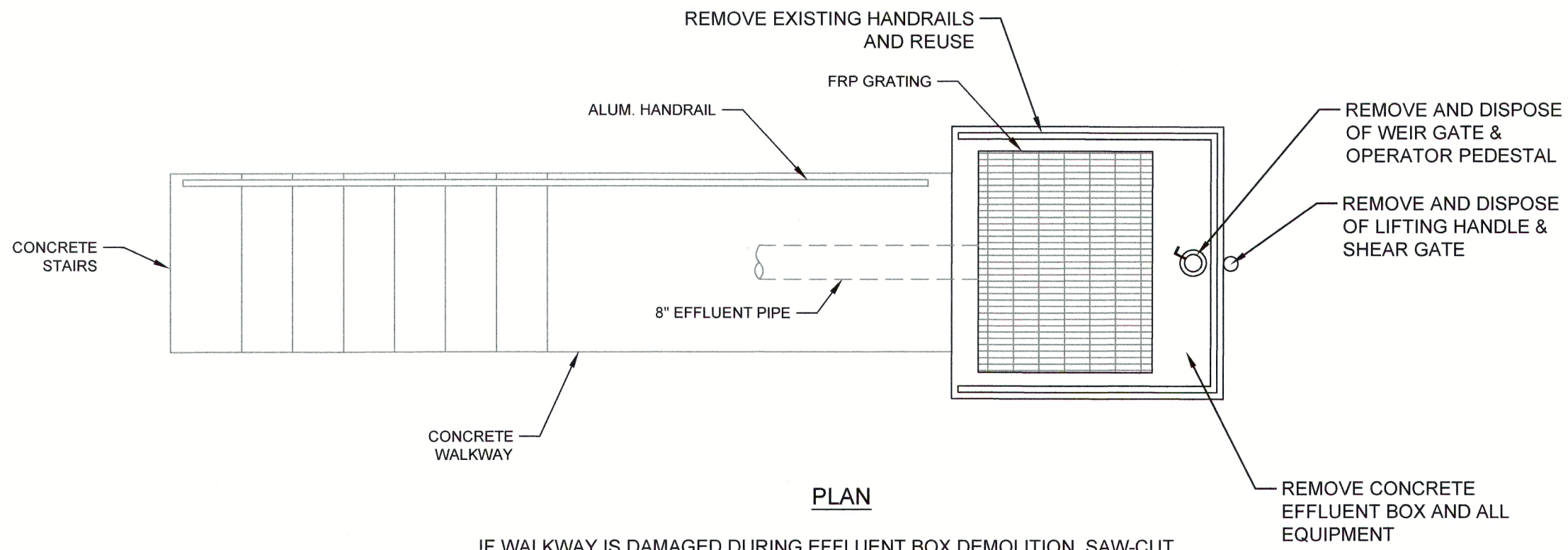
- GENERAL NOTES:
- ALL WORK ON THIS PROJECT SHALL COMPLY WITH THE CURRENT STANDARD DETAILS AND SPECIFICATIONS OF THE METROPOLITAN SEWERAGE DISTRICT OF BUNCOMBE COUNTY. SPECIAL CONDITIONS AND SPECIAL PROVISIONS MAY APPLY TO THIS PROJECT - SEE SPECIFICATIONS.
 - ALL WORK SHALL COMPLY WITH FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS, AS MAY BE APPLICABLE TO THIS PROJECT AND THE WORK DONE HEREUNDER.
 - ANY MODIFICATIONS TO THESE CONSTRUCTION PLANS OR SPECIFICATIONS SHALL BE APPROVED BY THE MSD PROJECT ENGINEER.
 - THE CONTRACTOR SHALL TAKE ALL NECESSARY STEPS TO KEEP THE SEWER AND ALL OTHER UTILITIES IN SERVICE AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR REPAIRS OF ANY KIND FOR DAMAGES RESULTING FROM THE CONTRACTOR'S CONSTRUCTION ACTIVITIES.



LEGEND	
	FINISHED FLOOR ELEVATION
	CONCRETE MONUMENT
	CONCRETE MONUMENT RIGHT-OF-WAY
	DEPT. OF TRANSPORTATION MONUMENT
	PK NAIL FOUND
	EXISTING IRON PIN FOUND
	REBAR FOUND
	SIGN
	GAS VALVE
	GAS METER
	TRAVERSE
	CURB INLET
	STORM MANHOLE
	CATCH BASIN
	SHRUB
	TREE
	PROPOSED ABANDON PLUG
	PROPOSED MANHOLE NUMBER
	PROPOSED ABANDON SEWER MANHOLE
	PROPOSED CLEANOUT
	SANITARY SEWER MANHOLE
	EXISTING CLEANOUT
	WATER VALVE
	WELL
	FIRE HYDRANT
	WATER METER
	SPIGOT
	UTILITY POLE
	GUY WIRE
	ELECTRICAL JUNCTION BOX
	ELECTRIC MANHOLE
	LIGHT POLE
	PROPOSED SANITARY SEWER LINE
	EXISTING SANITARY SEWER LINE
	EXISTING PERMANENT EASEMENT
	PROPOSED PERMANENT EASEMENT
	PROPOSED TEMPORARY EASEMENT
	PROPOSED SILT FENCE LINE
	PROPOSED ASPHALT SURFACE REPAIR
	EXISTING PROPERTY LINE
	EXISTING RIGHT-OF-WAY LINE
	EXISTING WATER LINE
	EXISTING ROCK WALL LINE
	EXISTING STREAM/CREEK
	EXISTING FEMA LINE (100 yr)
	EXISTING FEMA LINE (500 yr)
	EXISTING GAS LINE
	EXISTING OVER HEAD UTILITY LINE
	EXISTING UNDERGROUND UTILITY
	EXISTING STORM DRAINAGE PIPE
	EXISTING FENCE LINE
	EXISTING DITCH LINE
	EXISTING TOE/TOP OF SLOPE
	EXISTING TREE LINE
	EXISTING SHRUB LINE
	EXISTING CONCRETE
	EXISTING GRAVEL AREA (RIP-RAP)
	EXISTING ASPHALT ROADWAY
	EXISTING BUILDING
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR



PLANVIEW RECONSTRUCTION FACILITY/TECHNICAL PLANS - IMPROVEMENTS/REHAB - 20250314.dwg 8/16/2025 10:10 AM LOCAL

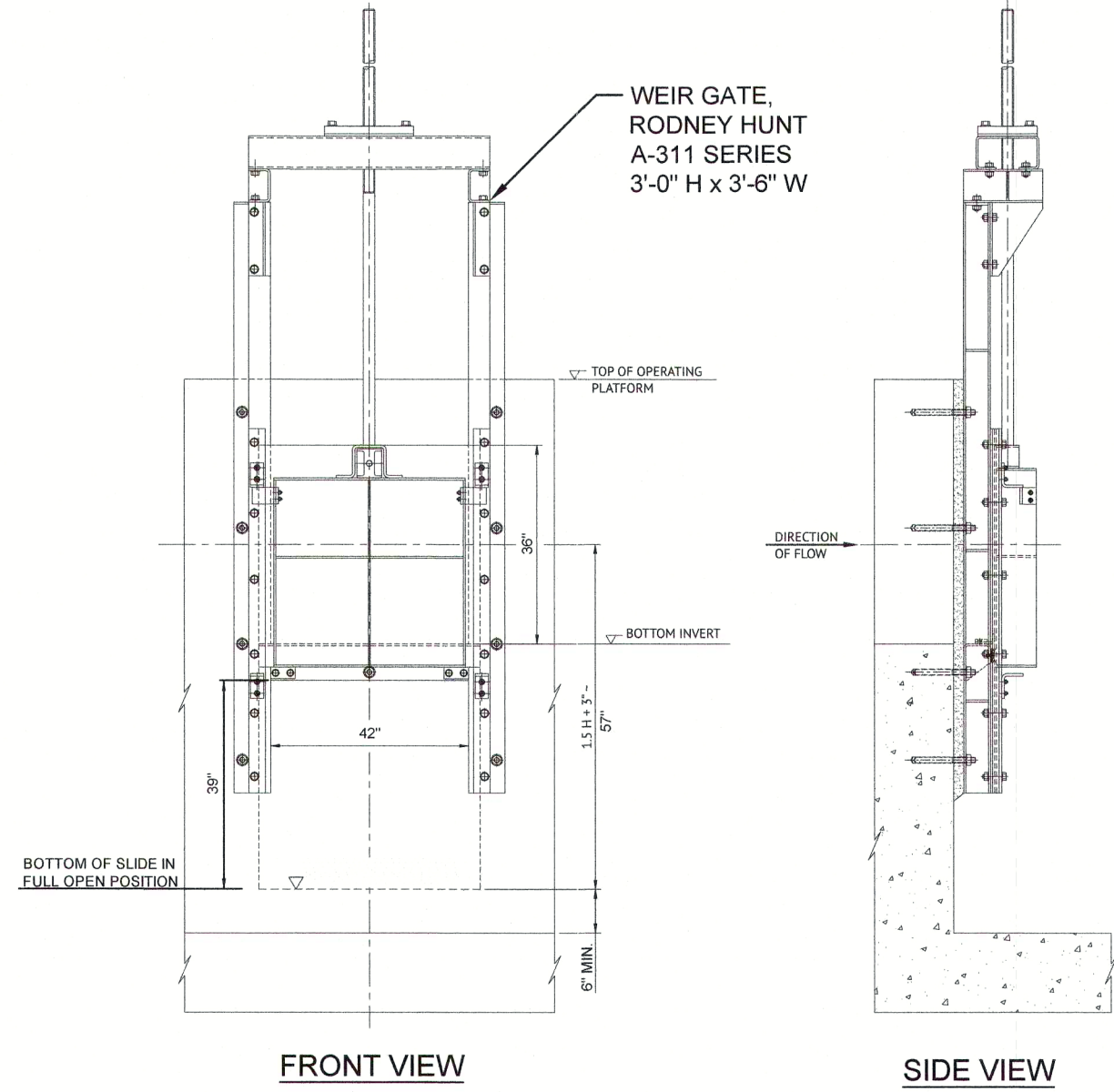


IF WALKWAY IS DAMAGED DURING EFFLUENT BOX DEMOLITION, SAW-CUT SQUARE, THEN FORM AND POUR A NEW CONCRETE WALKWAY SECTION.

EXISTING EFFLUENT BOX

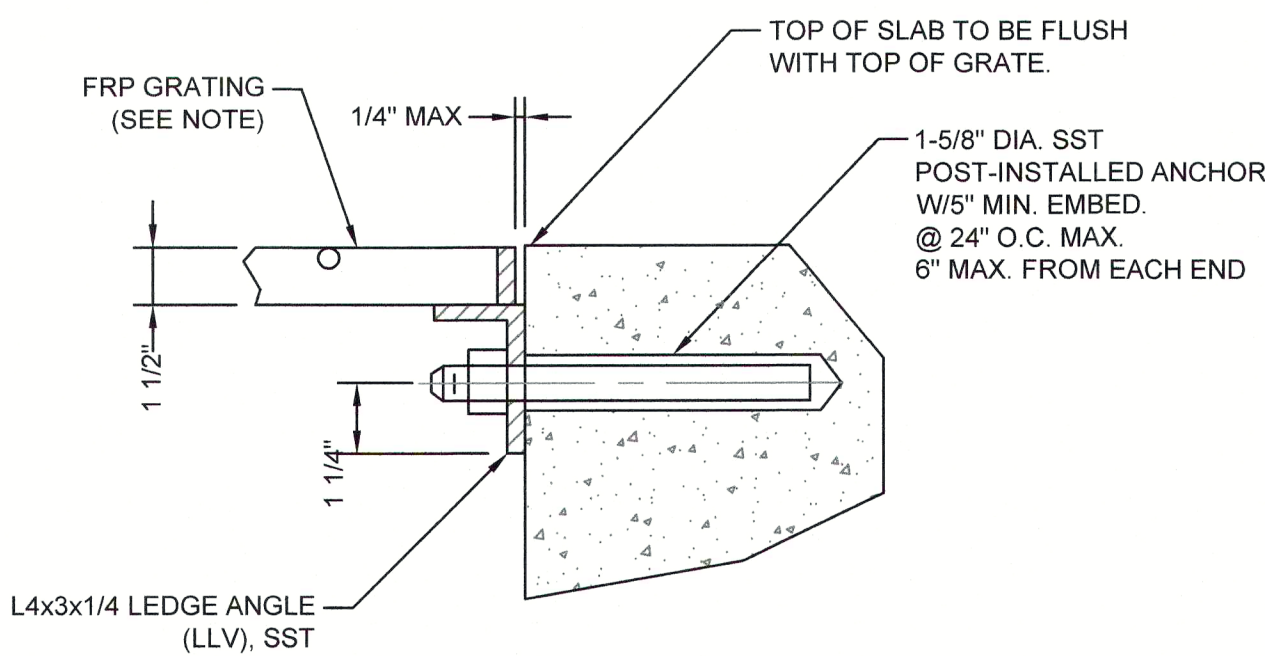
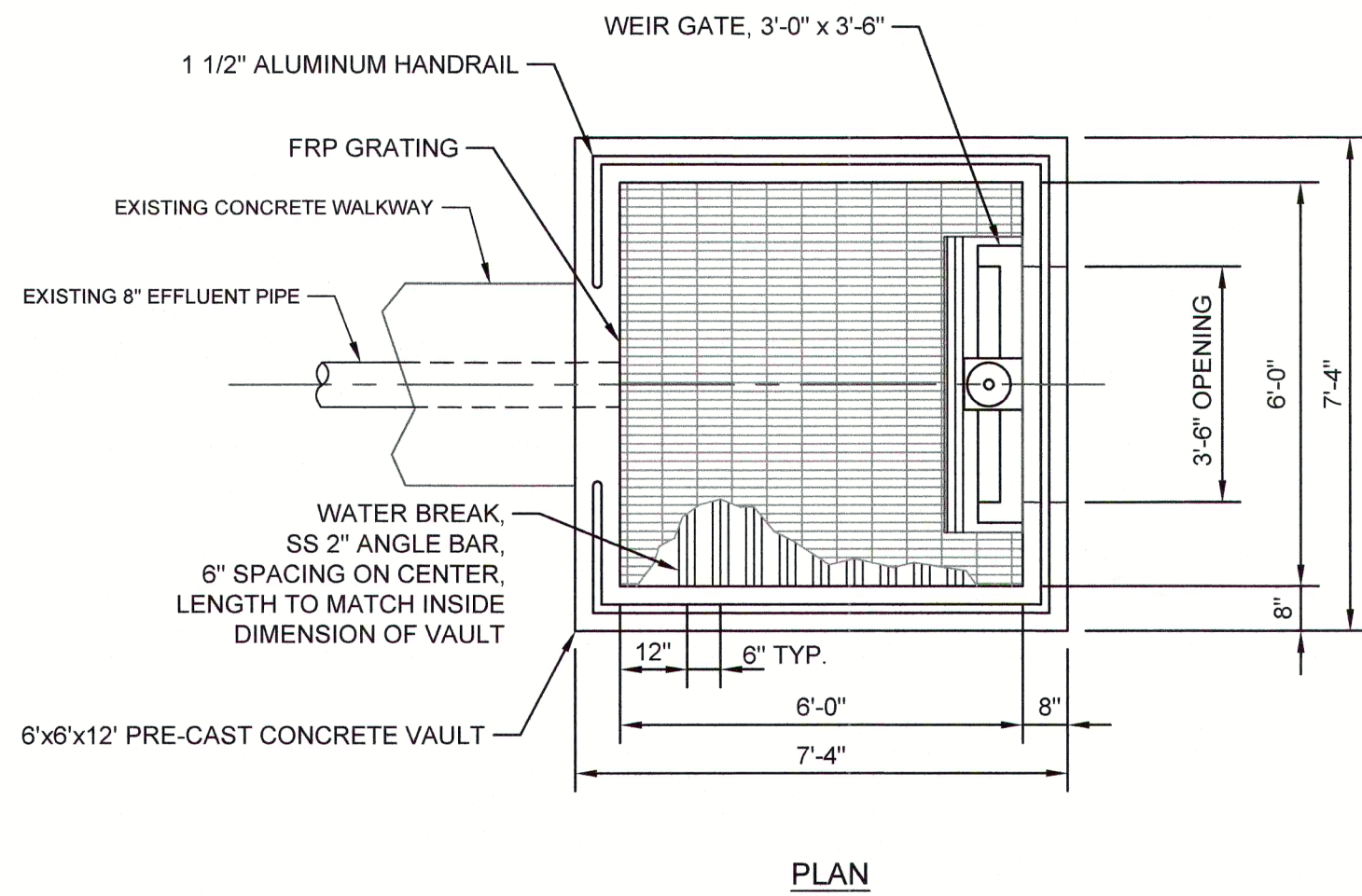
DEMOLITION

SCALE: NOT TO SCALE



WEIR GATE DETAIL

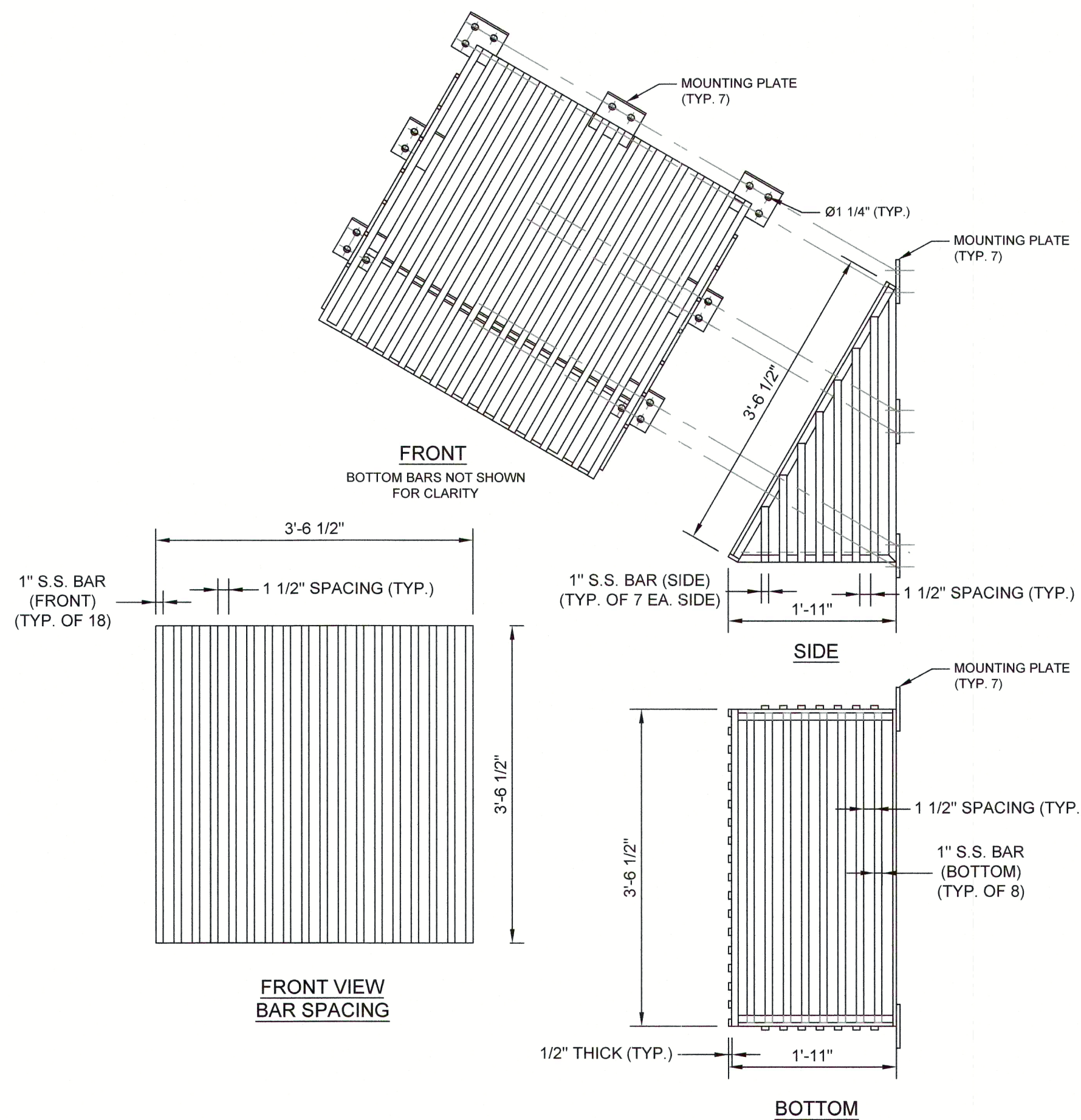
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NOTE:
FRP GRATING TO HAVE A MINIMUM THICKNESS OF 1 1/2", 0.4" OPEN SPACE, BARS SPACED 1" ON CENTER, MAX 48" SPAN, MAX 36" PANEL WIDTH, SHALL BE UV INHIBITED, WITH A BONDED ANTI-SKID SURFACE. HAVE MAX 0.25" DEFLECTION UNDER UNIFORM LIVE LOAD OF 100PSF AND UNDER A CONCENTRATED LIVE LOAD OF 300LBS APPLIED TO THE MIDPOINT OF THE MAXIMUM SPAN. SHALL BE DURAGRID I-BAR PULTRUDED GRATING SERIES I-4000 OR APPROVED EQUAL. SURFACE MOUNTED GRATING SUPPORT AND SPANNING BEAMS SHALL BE DESIGNED BY THE CONTRACTOR AND APPROVED BY THE MSD ENGINEERING.

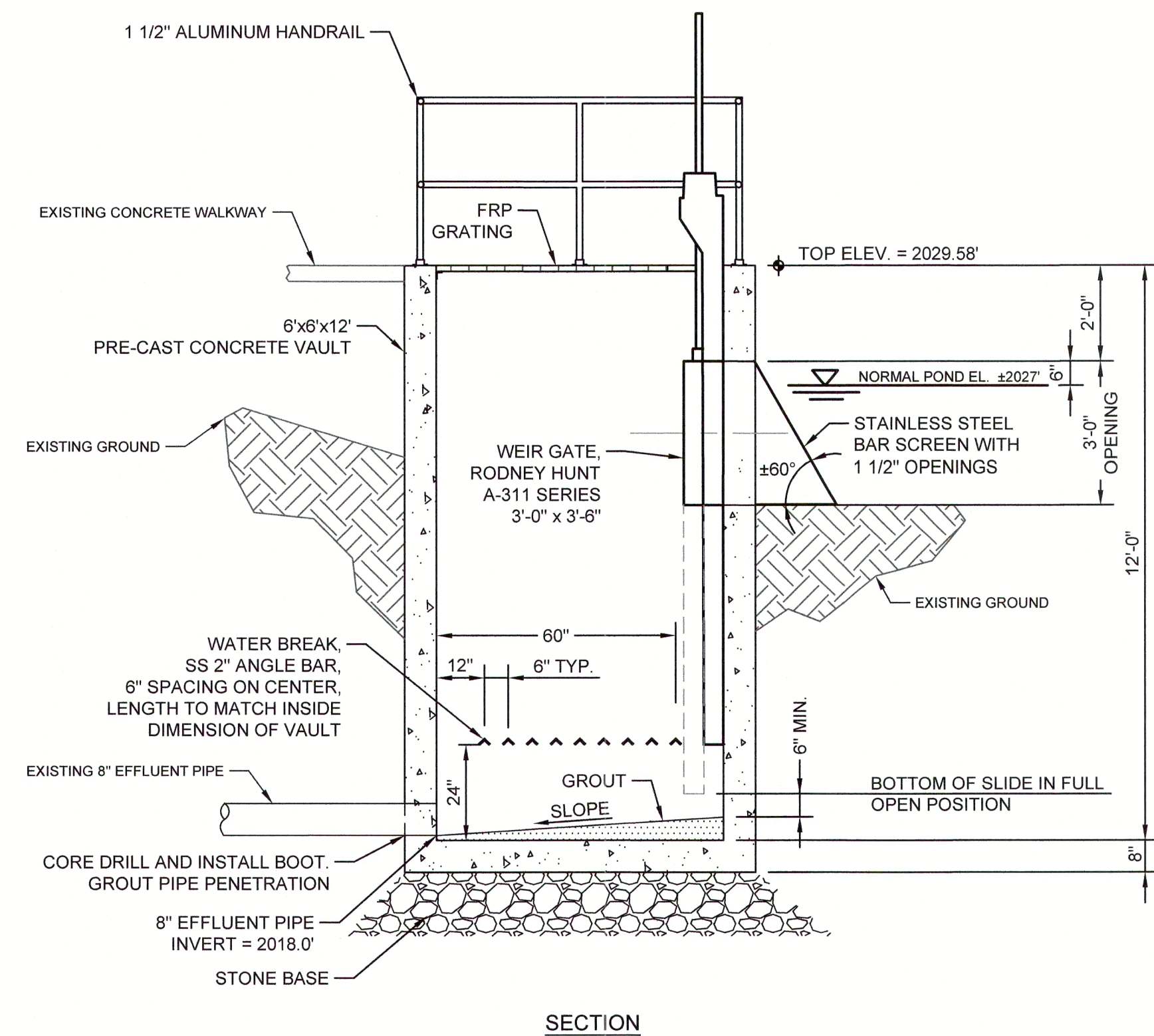
FRP GRATING INSTALLATION

SCALE: N.T.S.



BAR SCREEN DETAIL

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



EFFLUENT BOX REHAB.

SCALE: 3/8"=1'-0"

Metropolitan Sewerage District
of Buncombe County

Ash Lagoon Overflow Rehabilitation
Effluent Box Demo and Rehab

PL-2

DATE: 08/16/2025
CHECKED BY: KMK
APPROVED SCA: SCALE AS SHOWN

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