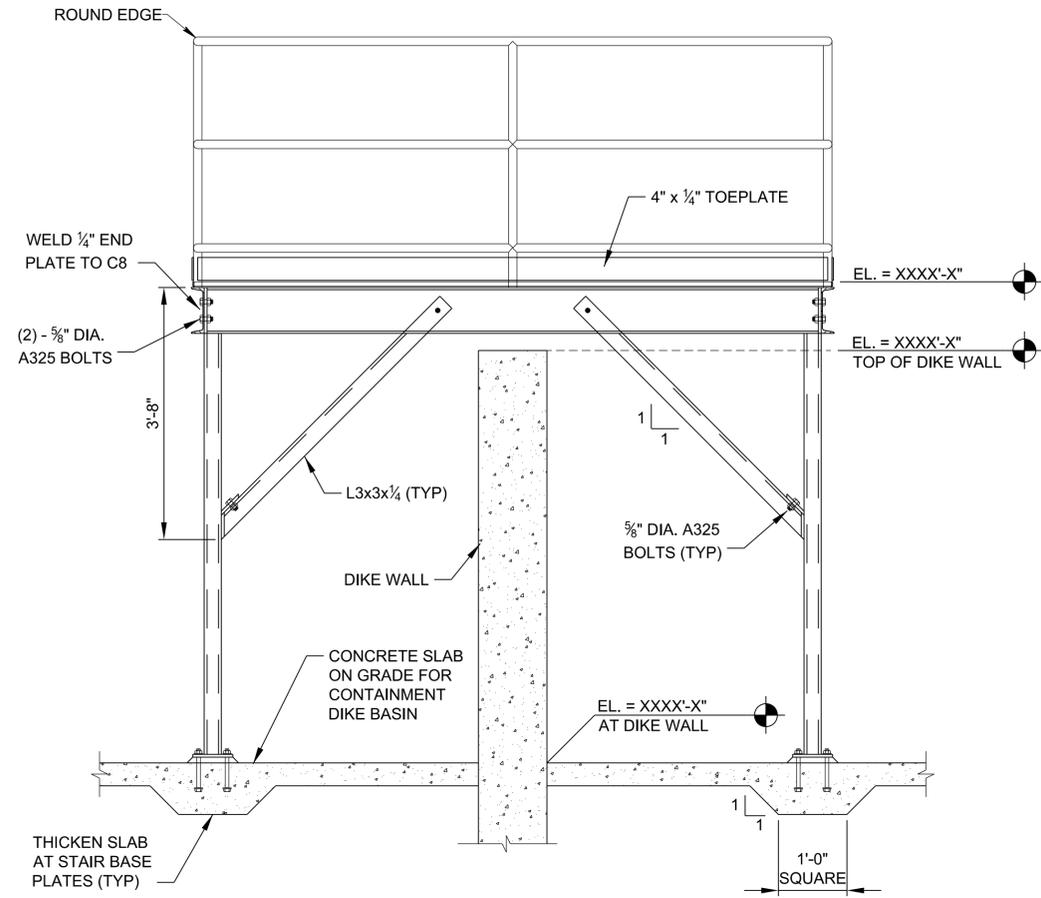
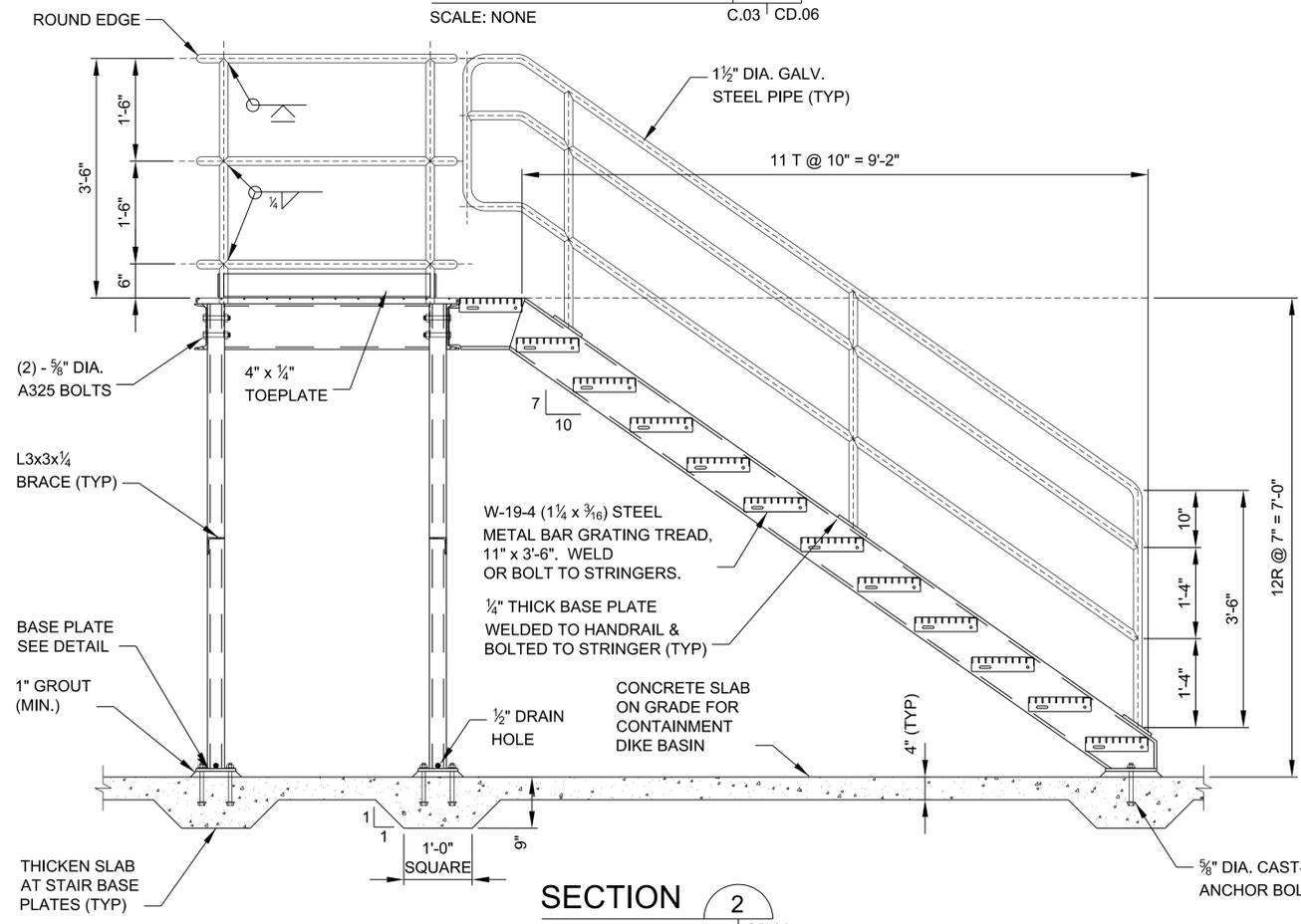


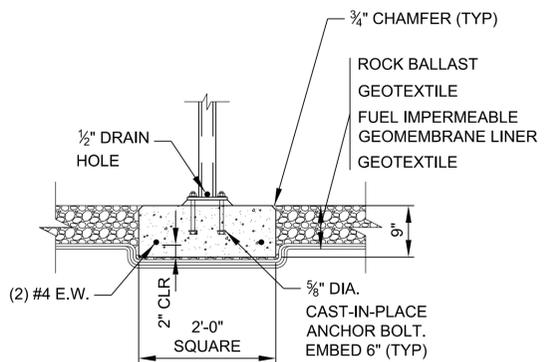
STEEL STAIR PLAN 1
SCALE: NONE
C.03 CD.06



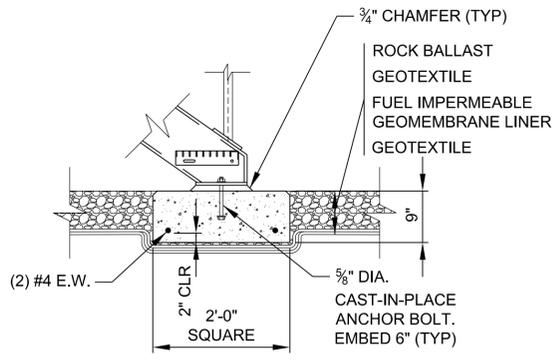
SECTION 3
SCALE: NONE
CD.06 CD.06



SECTION 2
SCALE: NONE
CD.06 CD.06



AGGREGATE BASIN TYPICAL BASE PLATE DETAIL
SCALE: NONE



AGGREGATE BASIN TYPICAL STAIR BASE DETAIL
SCALE: NONE

- NOTES:
- METAL GRATING FOR LANDINGS AND STAIR TREADS SHALL BE W-19-4, WITH BEARING BARS AS INDICATED. TREADS AND LANDINGS SHALL HAVE CHECKERED PLATE NOSINGS. GRATING SHALL BE ANCHORED WITH SADDLE CLIPS. MAXIMUM PANEL WIDTH SHALL BE 2'-0". EDGES SHALL BE BANDED. TREADS SHALL BE FABRICATED WITH CARRIER PLATES AT ENDS.
 - ALL GRATINGS, HANDRAILS, STRINGERS, ANGLES, PLATES AND BOLTS FOR STAIRS SHALL BE HOT-DIP GALVANIZED IN ACCORDANCE WITH ASTM A123.2.
 - ALL STAIR METALLIC COMPONENTS, INCLUDING BUT NOT LIMITED TO STRUCTURAL STEEL, HANDRAILS, AND REBAR, SHALL BE GROUNDED. ALL METALLIC COMPONENTS SHALL BE MADE CONTINUOUS VIA #4 BARE COPPER JUMPERS AS REQUIRED. GROUNING SHALL BE BY CONNECTING METALLIC COMPONENTS TO TANK GROUNING SYSTEM VIA #4 BARE COPPER CONDUCTOR BELOW LINER. BELOW GRADE CONNECTIONS SHALL BE PERFORMED VIA EXOTHERMIC WELD PROCESS.

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NO.	DATE	DESCRIPTION



US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

APPROVED
FOR COMMANDER NAFAC
ACTIVITY
DES MSO | DRW MHK | CHK WVB
SUBMITTED BY:
DATE: APRIL 2015

NAVAL FACILITIES ENGINEERING COMMAND - ATLANTIC
DOD STANDARD DESIGN AW78-24-27
FUEL TANKS WITH FIXED ROOFS ABOVEGROUND VERTICAL STEEL
STEEL STAIRWAY DETAILS

SCALE: AS NOTED
EPROJECT NO.: XXXXX
CONSTR. CONTR. NO. XXXXX
NAFAC DRAWING NO. XXXXX
SHEET 16 OF 57
CD.07