

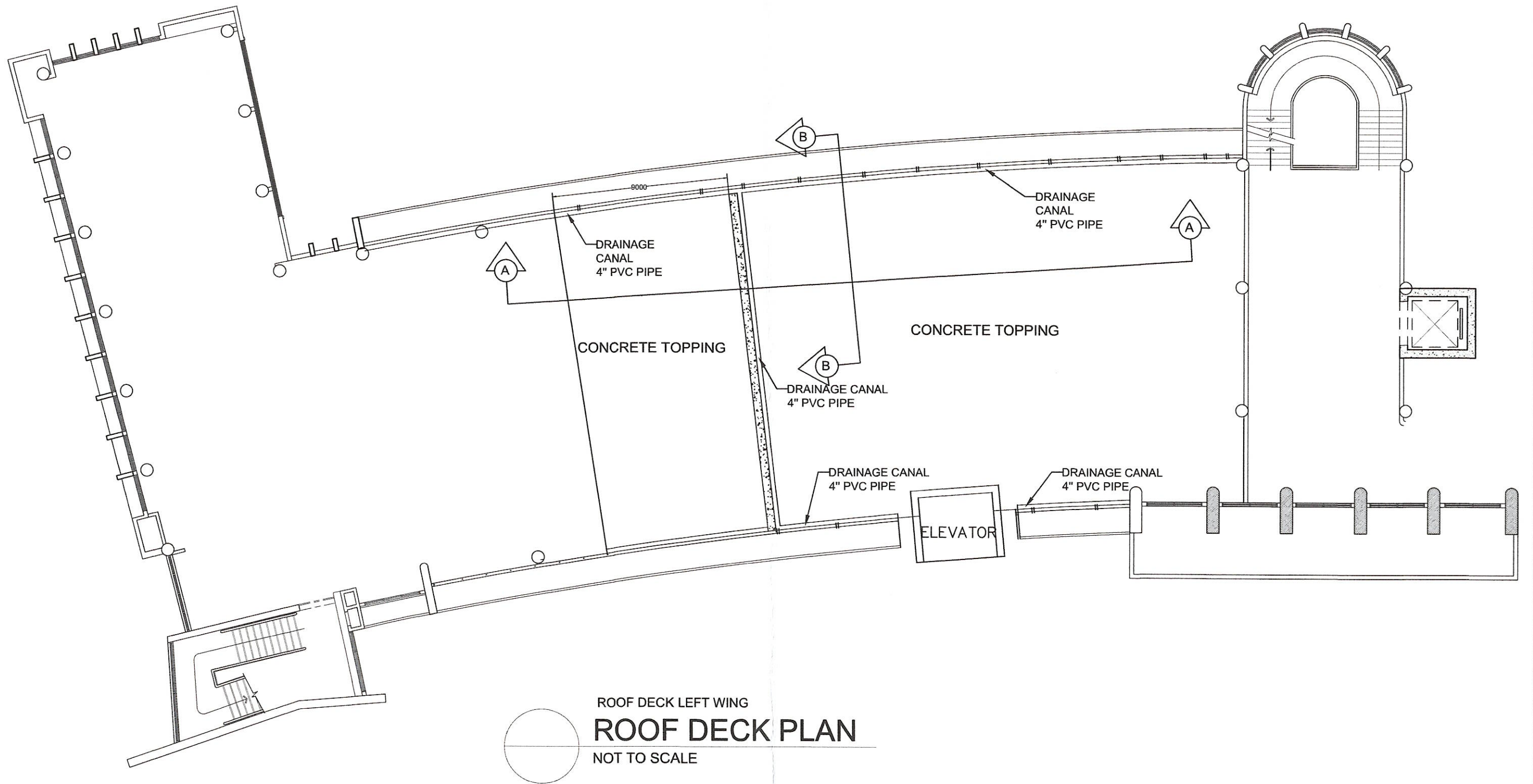


**DEPARTMENT OF AGRICULTURE
AGRICULTURAL TRAINING INSTITUTE
ELLIPTICAL ROAD, DILIMAN, QUEZON CITY**

**PROPOSED REHABILITATION/IMPROVEMENT OF
FLOORING AT ROOF DECK
ATI-CO MAIN BUILDING (PHASE 1)
ELLIPTICAL ROAD, DILIMAN, QUEZON CITY**

PREPARED BY:

**= INFRASTRUCTURE SUPPORT TEAM =
ATI-CENTRAL OFFICE**



ROOF DECK LEFT WING
ROOF DECK PLAN
 NOT TO SCALE



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PRODUCE BY:
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 ELLIPTICAL ROAD, DILIMAN, QUEZON CITY

PREPARED:

JONEL PERALTA
 CIVIL ENGINEER
 PRC NO.: 0151117 DATE ISSUED: 05/22/17
 PTR NO.: 5829748 CTC NO.:
 DATE ISSUED: MARCH 08, 2023 DATE ISSUED:
 PLACED ISSUED: TARLAC CITY PLACED ISSUED:

RECOMMENDING APPROVAL:

ANTONIETA J. ARCEO
 DIRECTOR III

APPROVED BY:

REMELYN R. RECOTER, MNSA, CESO III
 DIRECTOR IV

DESIGN BY:
 JP
 DATE:
 SEPT 2023
 CAD BY:
 JP
 DATE:
 SEPT 2023
 CHECKED BY:

SHEET NO.:
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 03
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STRUCTURAL SPECIFICATIONS

A.) CONCRETE

- A.1) COLUMNS -----
f_c = 21 Mpa (3000 psi) @ 28TH DAY
- A.2) FOOTINGS, REINFORCED CONCRETE -----
f_c = 21 Mpa (3000 psi) @ 28TH DAY
WALLS, STAIRS & FOOTING TIE BEAMS
- A.3) SUSPENDED SLABS, BEAMS & GIRDERS -----
f_c = 21 Mpa (3000 psi) @ 28TH DAY
- A.4) GROUND FLOOR SLAB ON FILL -----
f_c = 17 Mpa (2500 psi) @ 28TH DAY
- A.5) OTHERS NOT SPECIFIED -----
f_c = 21 Mpa (3000 psi) @ 28TH DAY

B.) REINFORCEMENT BARS

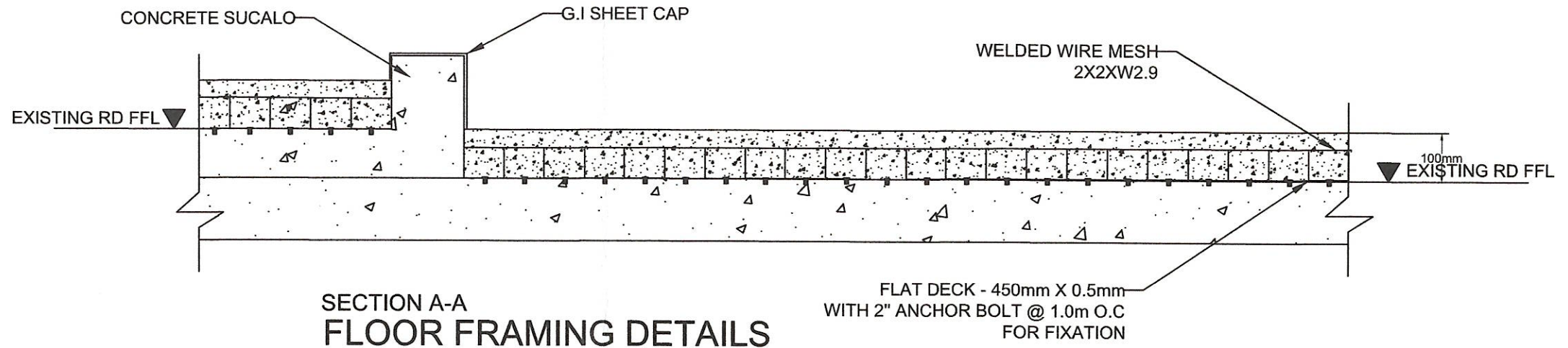
- B.1) ALL WELDED WIRE MESH BARS SHALL BE ROUND
"INTERMEDIATE GRADE" CONFORMING
TO ASTM A-615 -----
f_y = 276 Mpa (40,000 psi)

- B.5) ALL REINFORCING BARS ARE WELDABLE

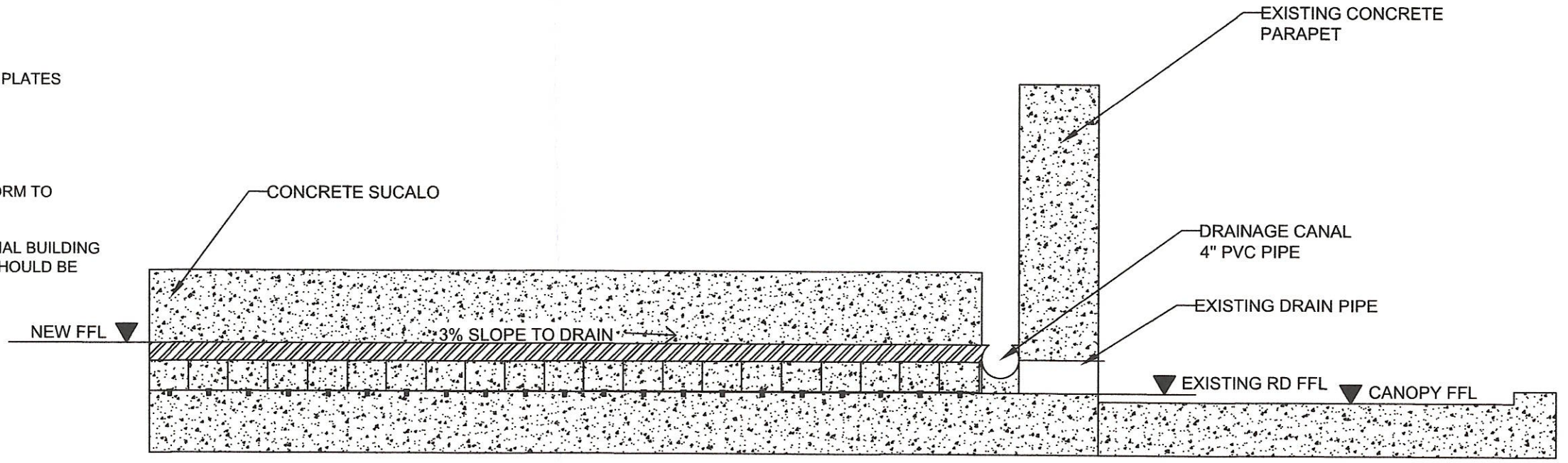
C.) STRUCTURAL STEEL

- C.1) ALL STRUCTURAL STEEL, BOTH ANGLES AND STEEL PLATES
SHALL CONFORM TO ASTM A36 -----
f_y = 248 Mpa (36,000 psi)
- C.2) WELDING ELECTRODES SHALL BE 7013 SERIES
- C.3) MACHINE BOLTS AND ANCHOR BOLTS SHALL CONFORM TO
ASTM A-325


- D.) STANDARD CONSTRUCTION PROCEDURES AS PER "NATIONAL BUILDING
CODE" AND "NATIONAL STRUCTURAL CODE FOR BUILDINGS" SHOULD BE
STRICTLY FOLLOWED IN THE EXECUTION OF THE PROJECT

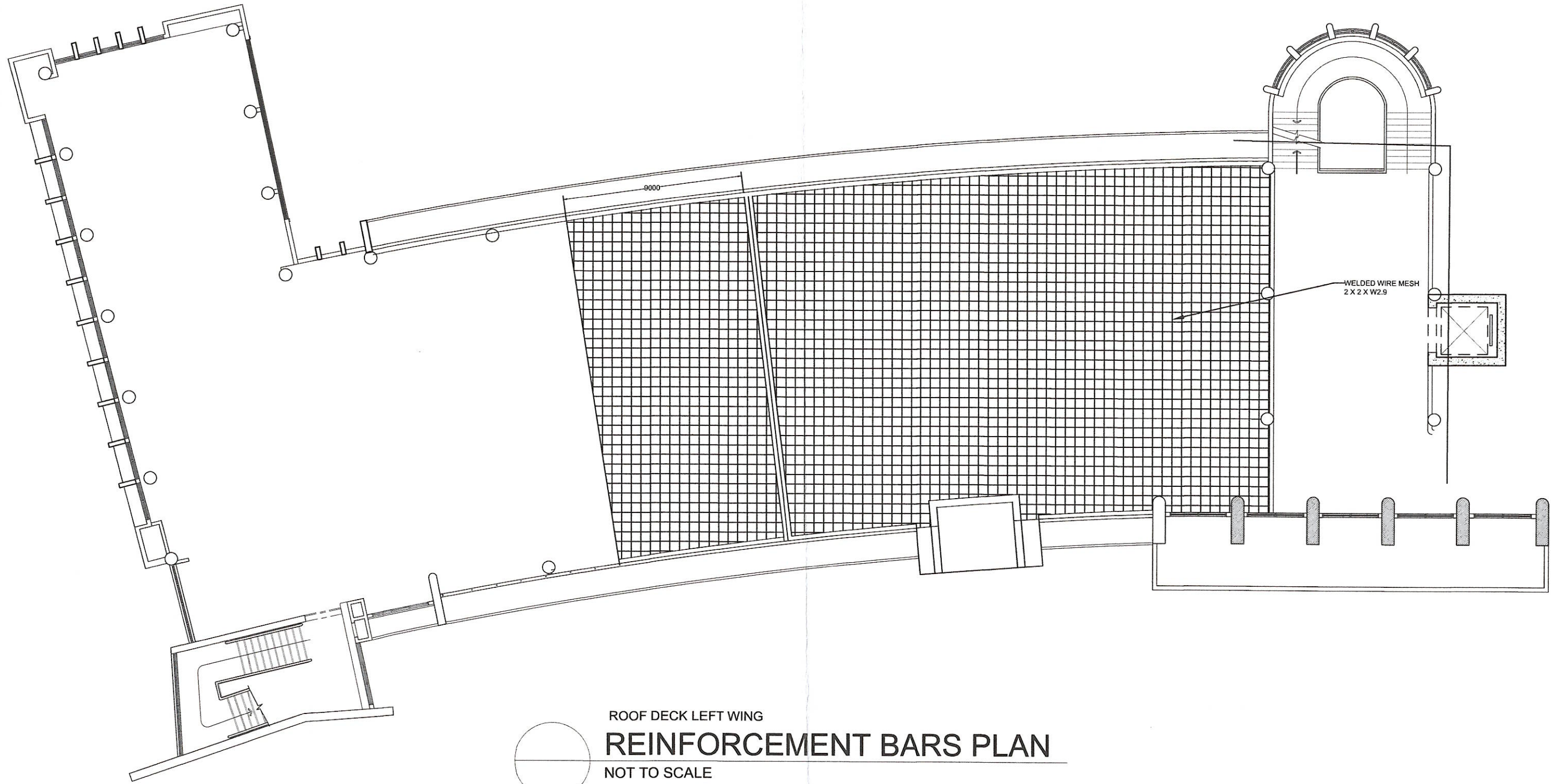


**SECTION A-A
FLOOR FRAMING DETAILS**



**SECTION B-B
DRAINAGE CANAL DETAILS**

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							02	03



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