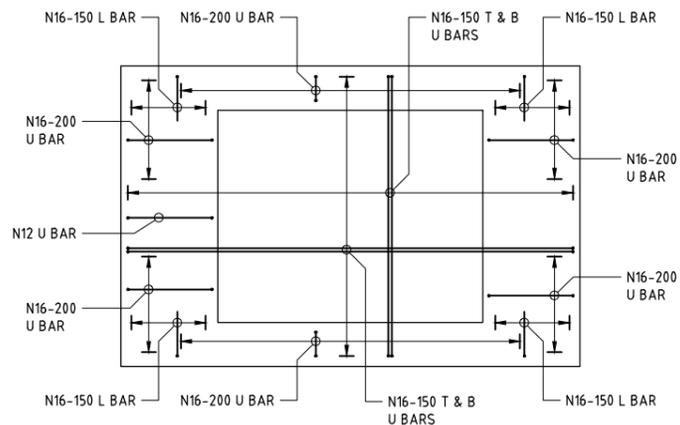
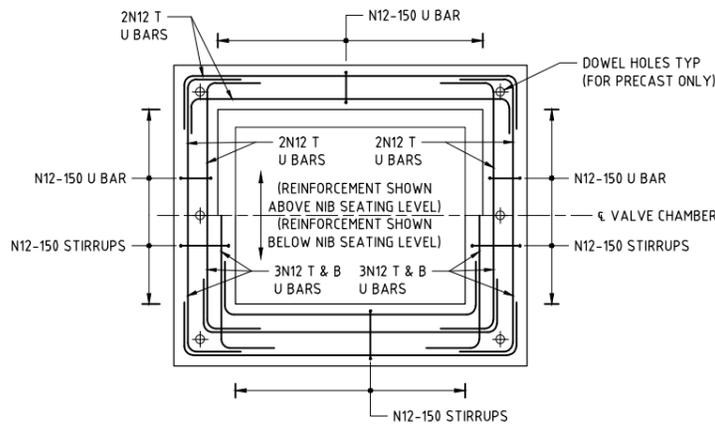


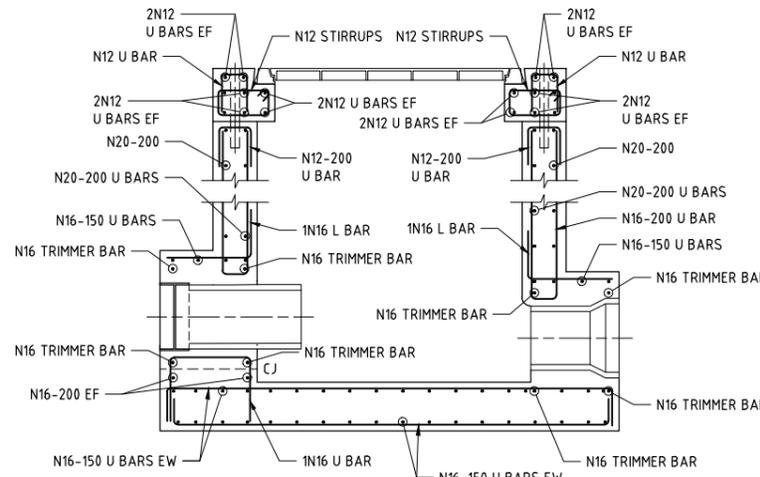
ARRANGEMENT 1 - TYPICAL WALL REINFORCEMENT PLAN
SCALE 1:20



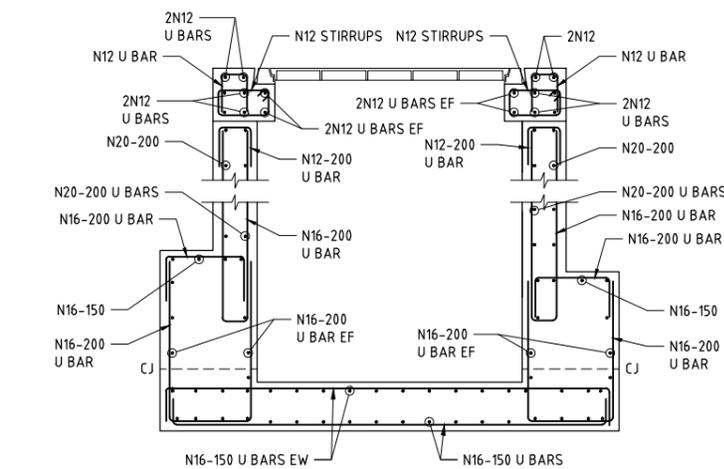
BASE SLAB REINFORCEMENT LAYOUT
(SECTION JUST BELOW PIPE INVERTS)
SCALE 1:20



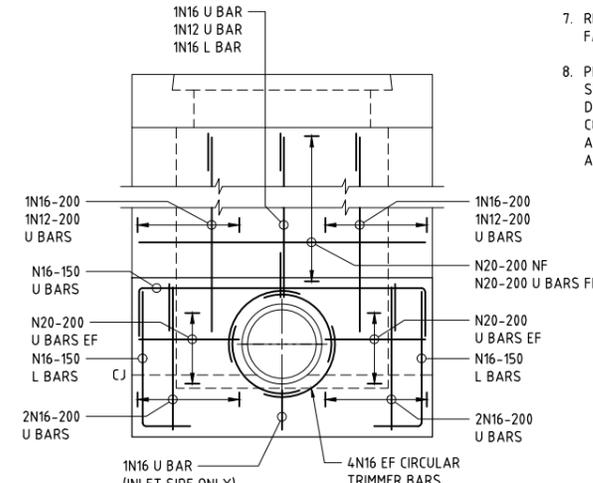
ROOF SLAB REINFORCEMENT LAYOUT (FOR BOTH PRECAST OR CAST IN-SITU)
SCALE 1:20
REINFORCEMENT IS SYMMETRICAL ABOUT ϵ VALVE CHAMBER
REFER TO NOTE 5



SECTION 1
SCALE 1:20

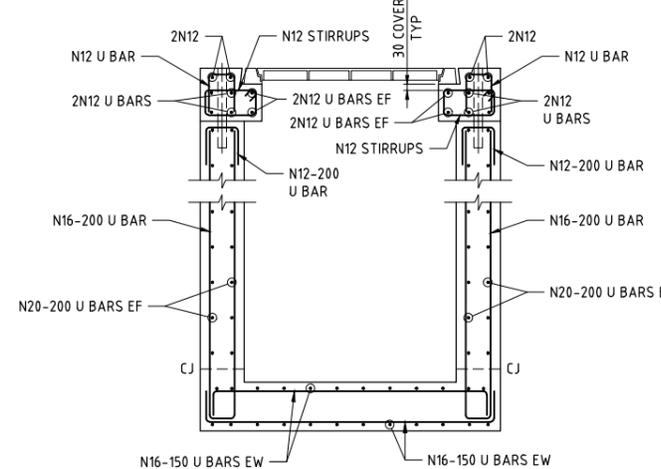


SECTION 2
SCALE 1:20



SECTION 3
SCALE 1:20

REINFORCEMENT TO ROOF SLAB NOT SHOWN FOR CLARITY.
REINFORCEMENT IN BASE SLAB SHOWN IN SECTION 2 AND 4, NOT REPEATED FOR CLARITY.



SECTION 4
SCALE 1:20

NOTES:

- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE FOLLOWING:
 - DTC/2000 - MAINTENANCE HOLES, CONSTRUCTION NOTES
 - DTC/2251 - MAINTENANCE HOLES, PRECAST DN1050-DN1200, NOTES, INSTRUCTIONS AND DRAWING LIST
 - DTC/2401 - EMERGENCY RELIEF STRUCTURE: INSTRUCTIONS, GENERAL NOTES & DRAWING LIST
 - DTC/2402 - EMERGENCY RELIEF STRUCTURE: ARRANGEMENT 1 - NEW VALVE CHAMBER, GA & SECTION
- AN AMOUNT OF REINFORCEMENT EQUIVALENT TO THAT TRUNCATED BY OPENINGS SHALL BE ADDED LOCALLY TO THE SIDES OF THE OPENING AT A SPACING OF 4 x BAR DIAMETER.
- REFER TO DTC/2000 FOR CAST IN-SITU CONCRETE AND REINFORCEMENT NOTES.
- REFER TO DTC/2251 FOR PRECAST CONCRETE AND REINFORCEMENT NOTES.
- REFER TO DETAIL 'G' OR 'H' ON DTC/2409 FOR TYPICAL ROOF CONNECTING TO CHAMBER WALL DETAIL.
- REQUIRED CONCRETE CLASS S40.
- REQUIRED CONCRETE COVER TO REINFORCEMENT: INTERNAL FACES 75 mm, FACES AGAINST GROUND 45 mm.
- PREPARATION OF SURFACE AT CONSTRUCTION JOINTS TO COMPLY WITH SECTION C3.13.2 OF TECHNICAL SPECIFICATION - CIVIL: DOCUMENT No. CPDMS0023. THE SURFACES OF PREVIOUSLY PLACED CONCRETE AT CONSTRUCTION JOINTS MUST BE ROUGHENED BY REMOVING ALL LOOSE AGGREGATE, LAITANCE AND SUFFICIENT MORTAR TO EXPOSE AGGREGATES TO A DEPTH OF 3 mm.