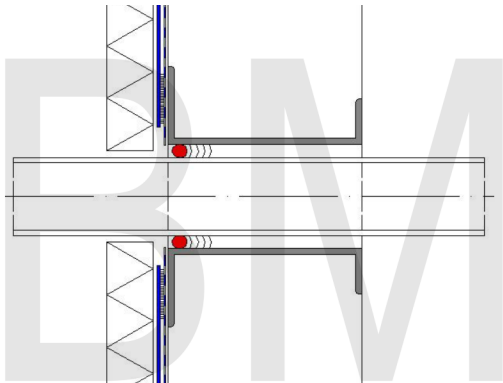


Section

S=1:50

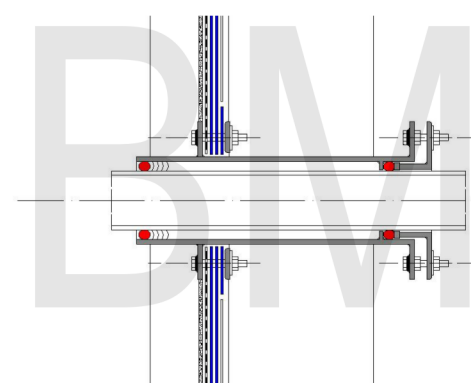
Option A - depth of immerse: 50 cm



- small depth of immerse
- pipe penetration: over the water table
- counter structure: counter slab (loaded by the building)

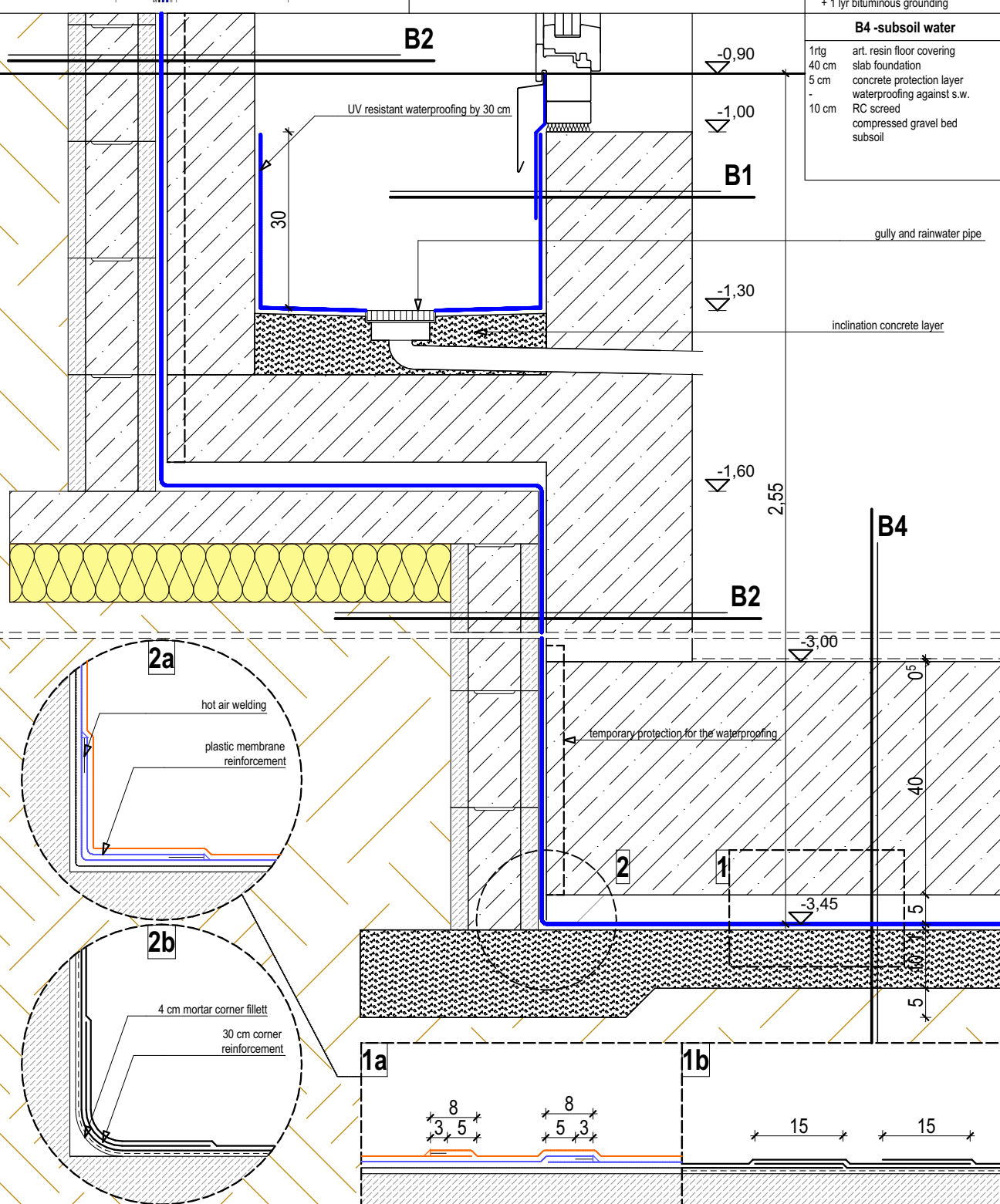
A1 - footing	A2 - subsoil moisture	A3 - subsoil water
0,5 cm thin layer of plaster (ETICS) 10 cm XPS thermal insulation waterproofing of the footing mon. RC basement wall	soil backfill 1 rtg filter layer 10 cm XPS thermal insulation waterproofing against subsoil moisture mon. RC basement wall	15 cm soil backfill hollow concrete supporting wall for waterproofing waterproofing against subsoil water mon. RC basement wall
a) 1 lyr plastic membrane protection + 1 lyr plastic membrane waterproofing + bedding layer b) 1 lyr 4 mm modified bituminous sheet waterproofing + cold bituminous grounding		a) 1 lyr plastic membrane protection + 1,5 mm plastic membrane waterproofing + synthetic fleece bedding layer b) 2 lyr 4 mm modified bituminous sheet waterproofing against subsoil water + 1 lyr bituminous grounding
A4 - subsoil water		
2 cm ceramic tiles 6 cm screed 1 rtg PE foil technological layer 2 cm rockwool floating layer 20 cm counter slab against s.w. 5 cm screed for protection waterproofing against s.w. 10 cm RC screed 10 cm compressible layer subsoil		

Option B - depth of immerse: 2,50 cm



- big depth of immerse
- pipe penetration: under the water table
- counter structure: base slab

B1 - footing	B2* - subsoil moisture	B3 - subsoil water
1 lyr waterproofing of the footing (f.i. bituminous sheet with UV resistant finishing) mon. RC basement wall	15 cm soil backfill hollow concrete supporting wall for waterproofing waterproofing against s. moisture mon. RC basement wall	15 cm soil backfill hollow concrete supporting wall for waterproofing waterproofing against subsoil water mon. RC basement wall
a) 1 lyr plastic membrane protection + 1 lyr plastic membrane waterproofing + bedding layer b) 1 lyr 4 mm modified bituminous sheet waterproofing + cold bituminous grounding		a) 1 lyr plastic membrane protection + 2,0 mm plastic membrane waterproofing + synthetic fleece bedding layer b) 2 lyr 4 mm modified bituminous sheet waterproofing against subsoil water + 1 lyr bituminous grounding
B4 - subsoil water		
1rtg art. resin floor covering 40 cm slab foundation 5 cm concrete protection layer 10 cm waterproofing against s.w. RC screed compressed gravel bed subsoil		



Design Subsoil w.p.

Option B

Option A

lighting shaft

pipe penetration

3a

plastic coated metal strip

3b

R = 4 cm corner fillett

A1

A2

A4

A3

temporary protection for the waterproofing f.e. with OSB sheet

2

1

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105

106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

142

143

144

145

146

147

148

149

150

151

152

153

154

155

156

157

158

159

160

161

162

163

164

165

166

167

168

169

170

171

172

173

174

175

176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

191

192

193

194

195

196

197

198

199

200

201

202

203

204

205

206

207

208

209

210

211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

228

229

230

231

232

233

234

235

236

237

238

239

240

241

242

243

244

245

246

247

248

249

250

251

252

253

254

255

256

257

258

259

260

261

262

263

264

265

266

267

268