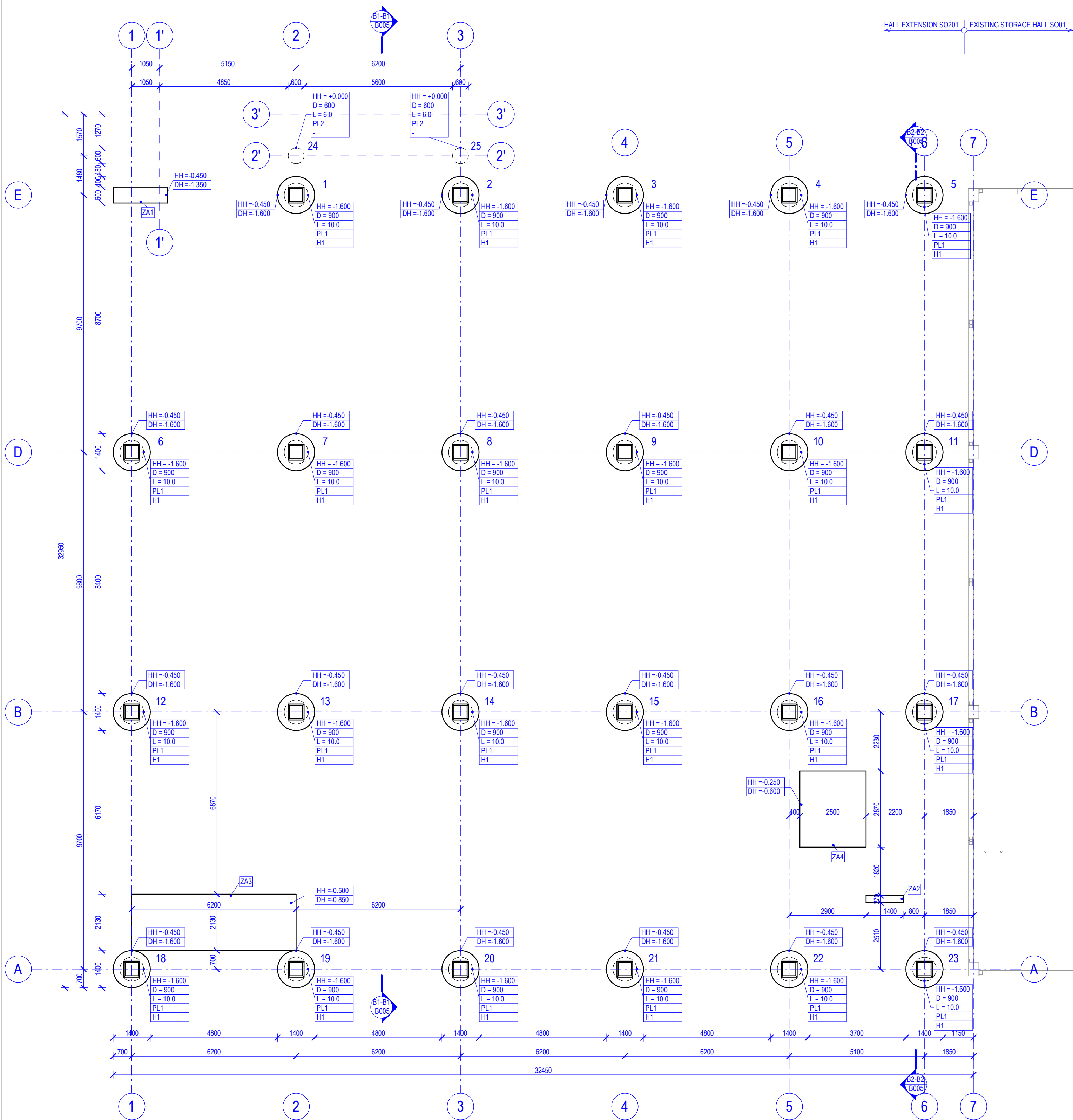
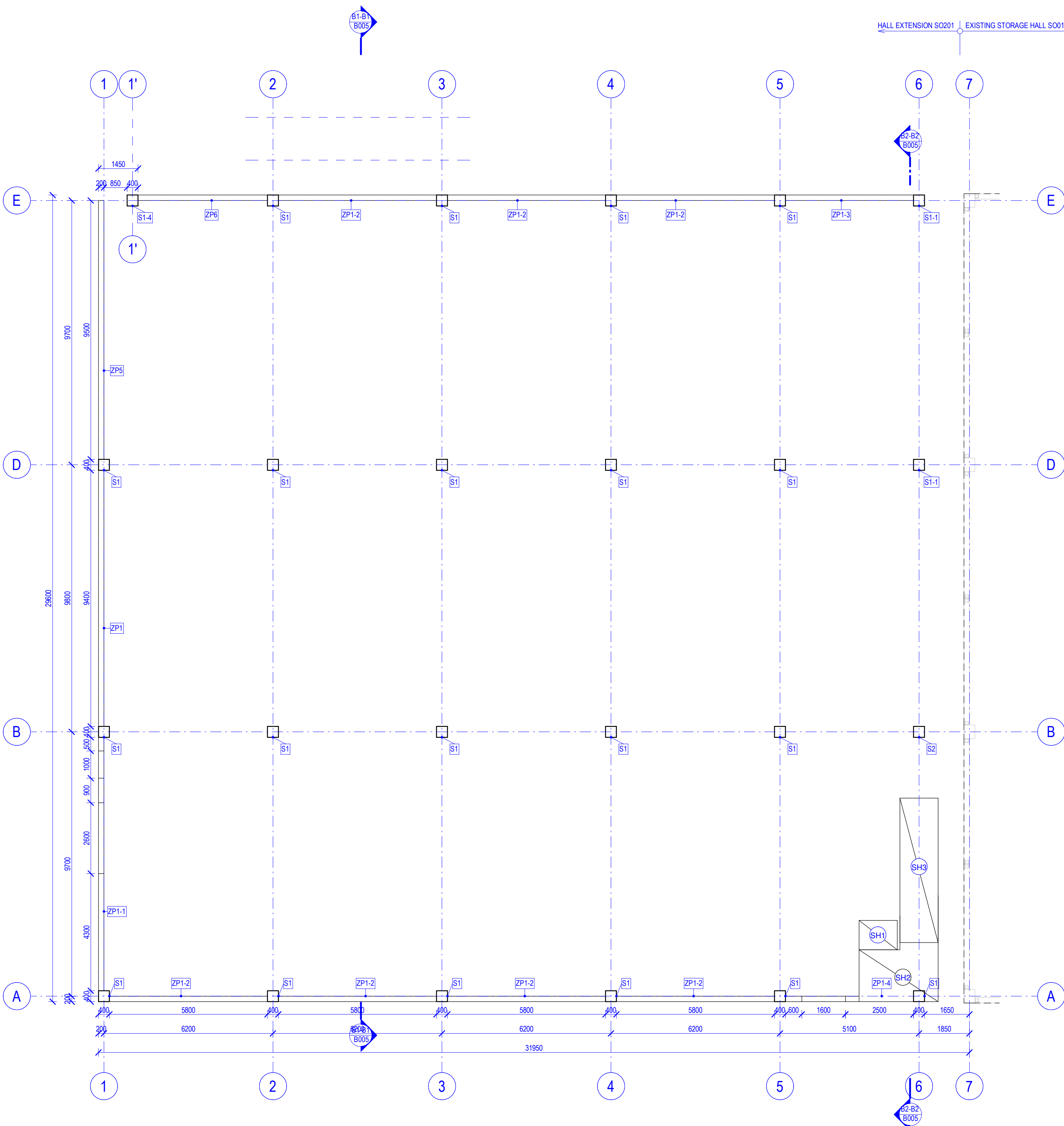


FOUNDATION PLAN
1:100



STRUCTURE PLAN +0.00
1:100



BILL OF QUANTITIES - PILOT

SER.NO.	POCKET MARK	PILOT MARK	TOP EL.	DIAMETER (MM)	LENGTH (M)	MATERIAL
1	H1	PL1	-1.600	900	10.0	C30 / 37-XC2, XA2
2	H1	PL1	-1.600	900	10.0	C30 / 37-XC2, XA2
3	H1	PL1	-1.600	900	10.0	C30 / 37-XC2, XA2
4	H1	PL1	-1.600	900	10.0	C30 / 37-XC2, XA2
5	H1	PL1	-1.600	900	10.0	C30 / 37-XC2, XA2
6	H1	PL1	-1.600	900	10.0	C30 / 37-XC2, XA2
7	H1	PL1	-1.600	900	10.0	C30 / 37-XC2, XA2
8	H1	PL1	-1.600	900	10.0	C30 / 37-XC2, XA2
9	H1	PL1	-1.600	900	10.0	C30 / 37-XC2, XA2
10	H1	PL1	-1.600	900	10.0	C30 / 37-XC2, XA2
11	H1	PL1	-1.600	900	10.0	C30 / 37-XC2, XA2
12	H1	PL1	-1.600	900	10.0	C30 / 37-XC2, XA2
13	H1	PL1	-1.600	900	10.0	C30 / 37-XC2, XA2
14	H1	PL1	-1.600	900	10.0	C30 / 37-XC2, XA2
15	H1	PL1	-1.600	900	10.0	C30 / 37-XC2, XA2
16	H1	PL1	-1.600	900	10.0	C30 / 37-XC2, XA2
17	H1	PL1	-1.600	900	10.0	C30 / 37-XC2, XA2
18	H1	PL1	-1.600	900	10.0	C30 / 37-XC2, XA2
19	H1	PL1	-1.600	900	10.0	C30 / 37-XC2, XA2
20	H1	PL1	-1.600	900	10.0	C30 / 37-XC2, XA2
21	H1	PL1	-1.600	900	10.0	C30 / 37-XC2, XA2
22	H1	PL1	-1.600	900	10.0	C30 / 37-XC2, XA2
23	H1	PL1	-1.600	900	10.0	C30 / 37-XC2, XA2
24	-	PL2	+0.000	600	6.0	C30 / 37-XC2, XA2
25	-	PL2	+0.000	600	6.0	C30 / 37-XC2, XA2

BILL OF QUANTITIES - POCKET

MARK	DIMENSION 1 (MM)	DIMENSION 2 (MM)	LEIGHT (M)	VOLUME 1KS (M3)	COUNT	TOTAL VOLUME (M3)	MATERIAL
H1	1400		1.150	1.50 m³	23	34.44 m³	C30 / 37-XC2, XA2

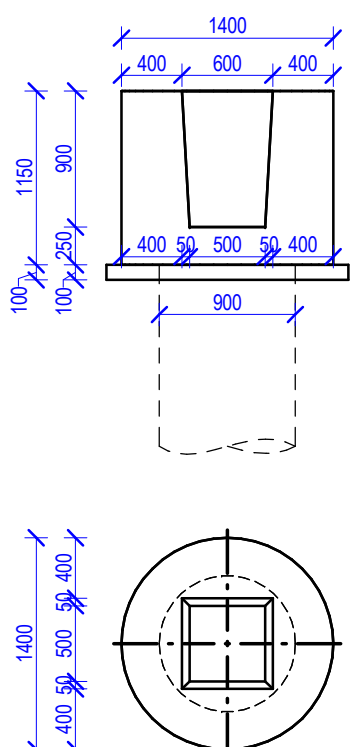
BILL OF QUANTITIES - FOUNDATION

MARK	DIMENSION 1 (MM)	DIMENSION 2 (MM)	DIMENSION 3 (MM)	COUNT	TOTAL VOLUME (M3)	MATERIAL
ZA1	2050	600	800	1	1.16 m³	C30 / 37-XC2, XA2
ZA2	1400	270	600	1	0.30 m³	C30 / 37-XC2, XA2
ZA3	6200	2130	250	1	4.79 m³	C30 / 37-XC2, XA2
ZA4	2500	2870	250	1	2.62 m³	C30 / 37-XC2, XA2

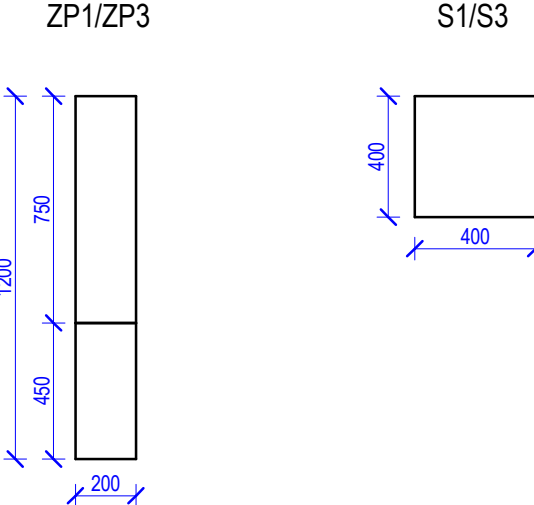
BILL OF QUANTITIES - FROST BEAM

MARK	DIMENSION 1 (MM)	DIMENSION 2 (MM)	VOLUME 1 KS (M3)	COUNT	TOTAL VOLUME (M3)	LENGTH (MM)	MATERIAL
ZP1	200	1200	2.17 m³	1	2.17 m³	9400	C40/50-XC1
ZP1-1	200	1200	1.93 m³	1	1.93 m³	9300	C40/50-XC1
ZP1-2	200	1200	1.30 m³	7	9.11 m³	5800	C40/50-XC1
ZP1-3	200	1200	1.04 m³	1	1.04 m³	4700	C40/50-XC1
ZP1-4	200	1200	0.94 m³	1	0.94 m³	4700	C40/50-XC1
ZP5	200	1200	2.21 m³	1	2.21 m³	9500	C40/50-XC1
ZP6	200	1200	1.09 m³	1	1.09 m³	4750	C40/50-XC1

PILE HEAD
1:50



FROST BEAM - COLUMN CROSS-SECTION
1:25



FIBRE REINFORCED CONCRETE

CONCRETE C25/30-XC2
25 kg FIBERS / m²

PRECAST REINFORCED CONCRETE STRUCTURES

CONCRETE C40/50-XC1
REINFORCEMENT B 500B (10 505 R)

PILES, FOUNDATIONS

CONCRETE C30/37-XC2, XA2
REINFORCEMENT B 500B (10 505 R)

M 1:100

0m 2m 4m 6m
0.000 = 237.550 m H.a.s.I.B.H.S. / COORDINATE SYSTEM S-JTSK

TYPE OF WORK	MASTER'S THESES	PAPER FORMAT	A1
DRAWN BY	ALESSIO AMODIO	DATE	01/2020
SUPERVISED BY	Ing. FRANTIŠEK VAJKAY, Ph.D.	PROJ. PHASE	CONSTR. DOC.
INVESTOR	Dům Rečkovice s.r.o., Bělý Pažoutov 742/1, Komin, 624 00 Břmo	SCALE	1:100
LOCATION	Rečkovice (611646)	DRAWING NO.	B003
PROJECT TITLE	MULTIFUNCTIONAL BUILDING		
BUILDING OBJECT	SO 201 - HALL EXTENSION		
PART	D.1.2 STRUCTURAL PART		
DRAWING TITLE	FOUNDATION PLAN - STRUCTURE PLAN +0.00		