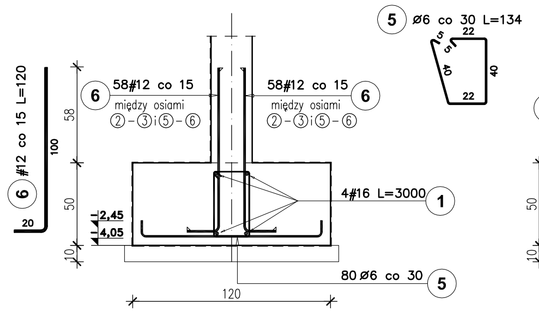
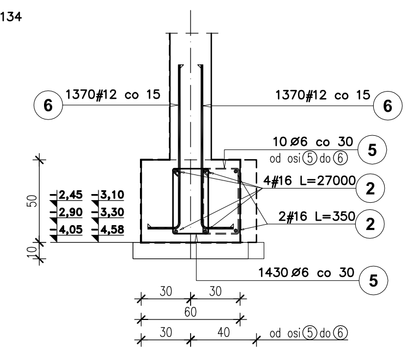
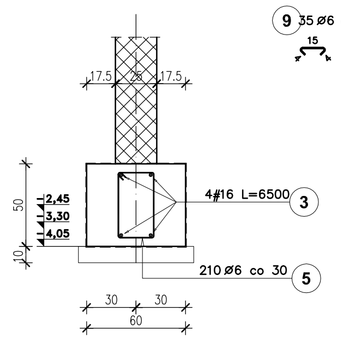
## Ława Ł-1



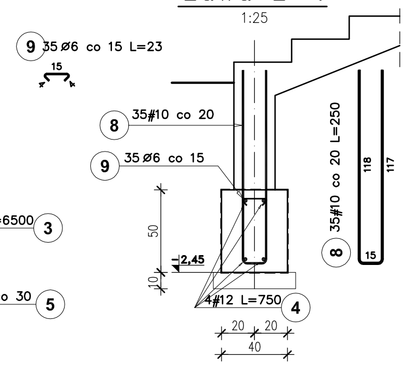

## Ława Ł-2




## Ława Ł-3

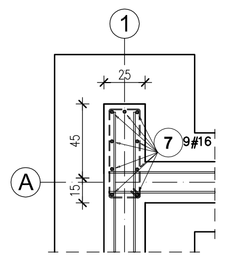



## Ława Ł-4

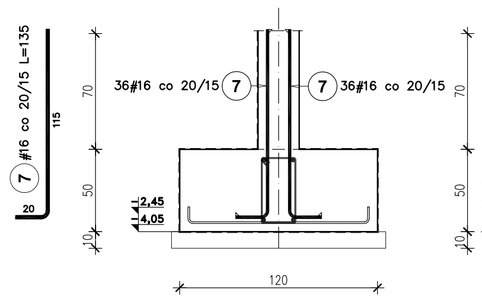



## Rdzeń R-10

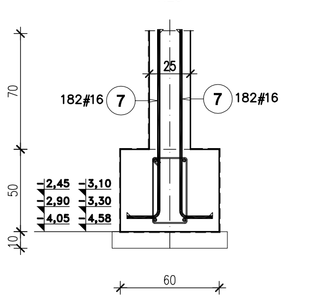
1 szt.




## "Startery" – Poz.5.4a÷5.4d Poz.5.5

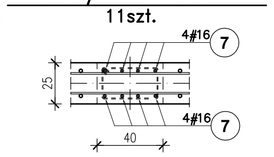



## "Startery" dla Rdzeni R-1 do R-10



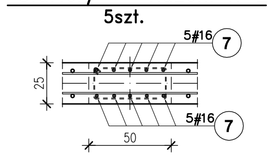

## "Startery" – Rdzeni R-1

11szt.



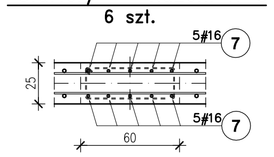

## "Startery" – Rdzeni R-2

5szt.



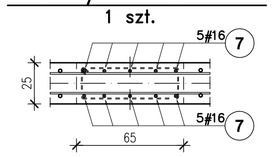

## "Startery" – Rdzeni R-3

6 szt.



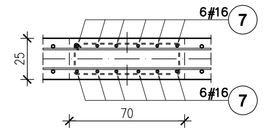

## "Startery" – Rdzeni R-4

1 szt.



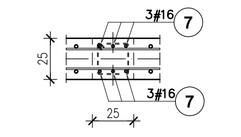

## "Startery" – Rdzeni R-5

2 szt.



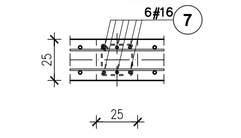

## "Startery" – Rdzeni R-6

1 szt.



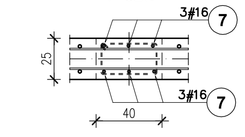

## "Startery" – Rdzeni R-7

10 szt.



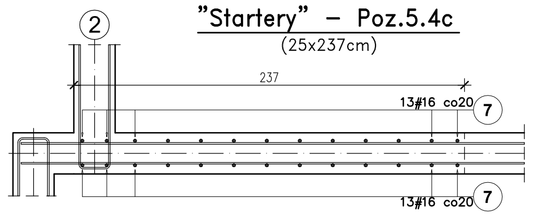

## "Startery" – Rdzeni R-8

4 szt.



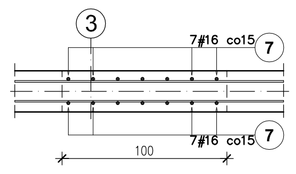

## "Startery" – Poz.5.4c

(25x237cm)



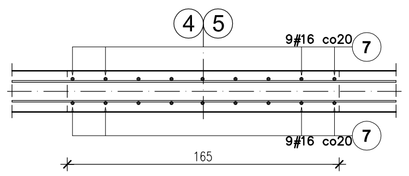

## "Startery" – Poz.5.4b

(25x100cm)



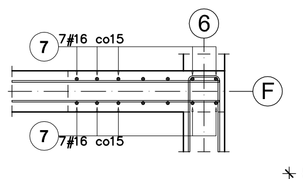

## "Startery" – Poz.5.4a

(25x165cm)



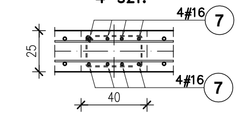

## "Startery" – Poz.5.4d

(25x95cm)



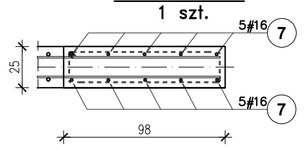

## Rdzeń R-9.2 i R-9.3

4 szt.



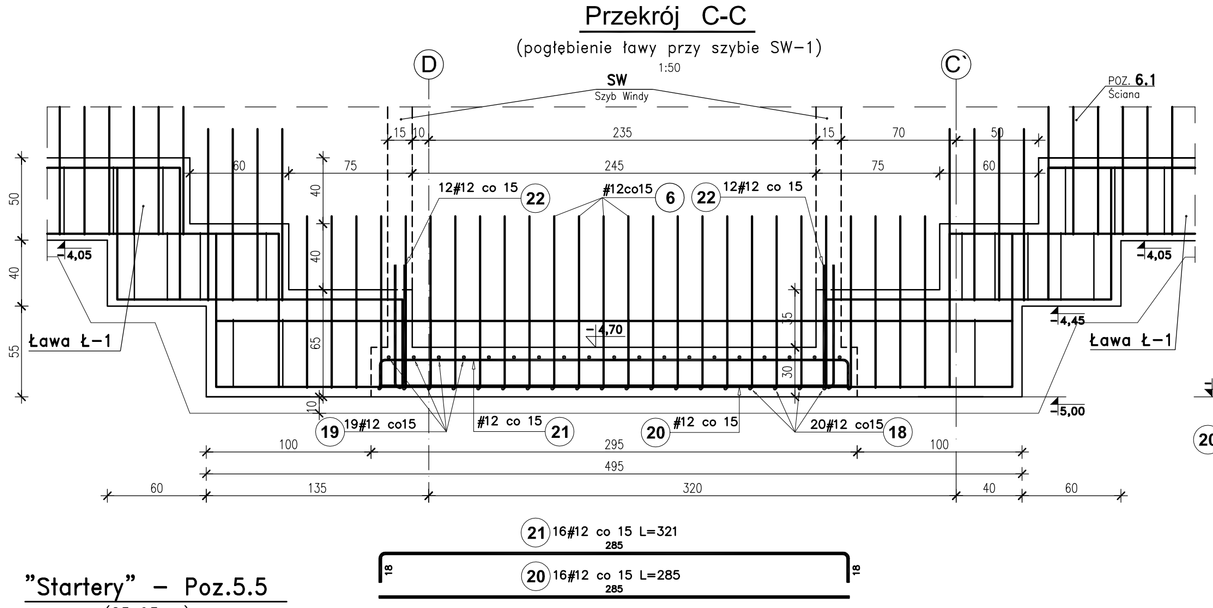

## Rdzeń R-9.1

1 szt.



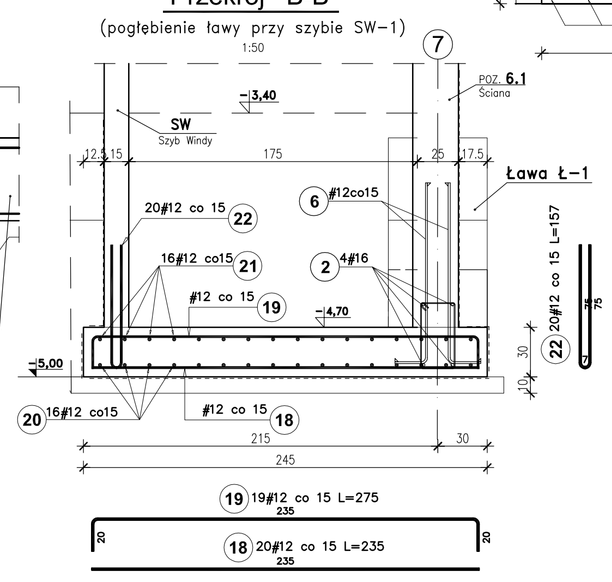

## Przekrój C-C

(pogłębienie ławy przy szybie SW-1)




## Przekrój B-B

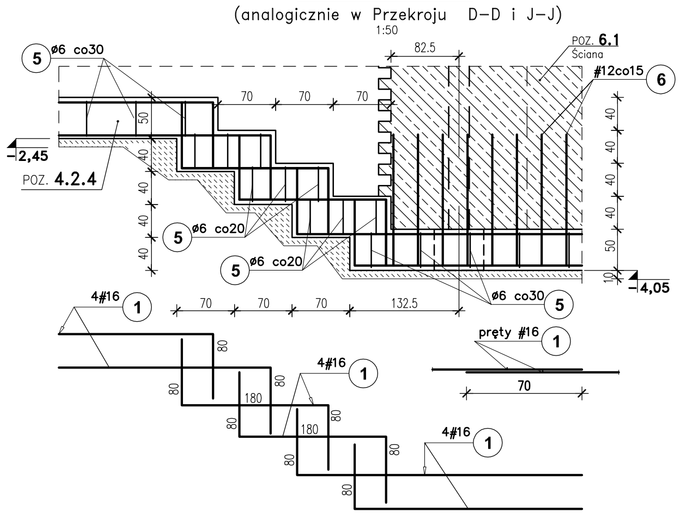
(pogłębienie ławy przy szybie SW-1)



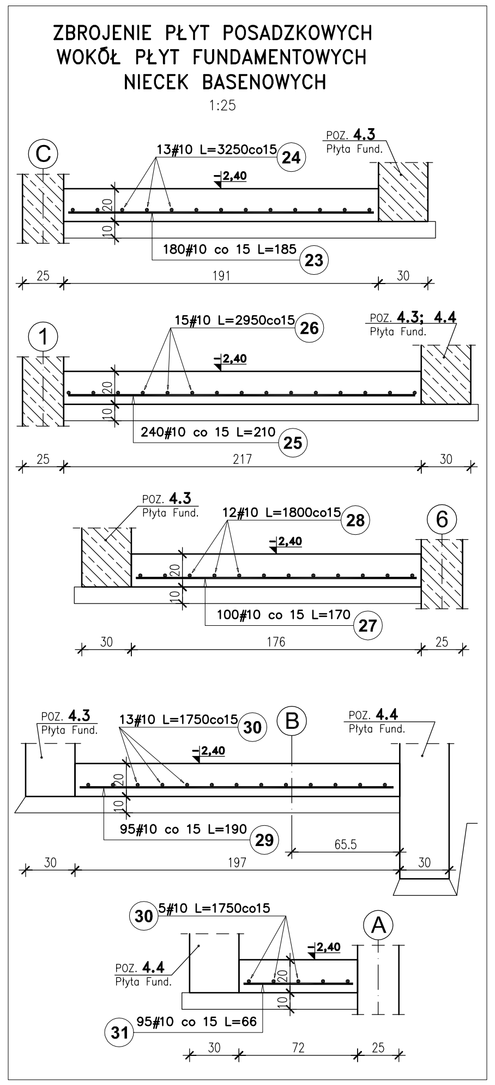

## SPOSÓB ZBROJENIA ŁAW SCHODKOWYCH

### Przekrój A-A

(analogicznie w Przekroju D–D i J–J)




## ZBROJENIE PŁYT POSADZKOWYCH WOKÓŁ PŁYT FUNDAMENTOWYCH NIECEK BASENOWYCH




| Poz. | Stal ø | Stal # | Długość (cm) | Ilość w elemencie | Ilość elementów | Ilość ogółem | Długość łączna (m) A-I ø 6 | A-IIIN # 10 | A-IIIN # 12 | A-IIIN # 16 |
|---|---|---|---|---|---|---|---|---|---|---|
| | A-I | A-IIIN | | | | | | | | |
| 1 | | 16 | 3000 | 4 | 1 | 4 | | | | 120,00 |
| 2 | | 16 | 27000 | 4 | 1 | 4 | | | | 1080,00 |
| 3 | | 16 | 6500 | 4 | 1 | 4 | | | | 260,00 |
| 4 | | 12 | 750 | 4 | 1 | 4 | | | 30,00 | |
| 5 | 6 | | 134 | 1730 | 1 | 1730 | 2318,20 | | | |
| 6 | | 12 | 120 | 2856 | 1 | 2856 | | | 3427,20 | |
| 7 | | 16 | 135 | 452 | 1 | 452 | | | | 610,20 |
| 8 | | 10 | 250 | 35 | 1 | 35 | | 87,50 | | |
| 9 | 6 | | 23 | 35 | 1 | 35 | 8,05 | | | |
| 10 | | 12 | 436 | 155 | 1 | 155 | | | 675,80 | |
| 11 | | 12 | 171 | 65 | 1 | 65 | | | 111,15 | |
| 12 | | 12 | 150 | 65 | 1 | 65 | | | 97,50 | |
| 13 | | 12 | 166 | 65 | 1 | 65 | | | 107,90 | |
| 14 | | 12 | 226 | 65 | 1 | 65 | | | 146,90 | |
| 15 | | 10 | 1470 | 36 | 1 | 36 | | 529,20 | | |
| 16 | | 10 | 1160 | 32 | 1 | 32 | | 371,20 | | |
| 17 | 6 | | 31 | 380 | 1 | 380 | 117,80 | | | |
| 18 | | 12 | 235 | 20 | 1 | 20 | | | 47,00 | |
| 19 | | 12 | 275 | 19 | 1 | 19 | | | 52,25 | |
| 20 | | 12 | 285 | 16 | 1 | 16 | | | 45,60 | |
| 21 | | 12 | 321 | 16 | 1 | 16 | | | 51,36 | |
| 22 | | 12 | 157 | 44 | 1 | 44 | | | 69,08 | |
| 23 | | 10 | 185 | 180 | 1 | 180 | | 333,00 | | |
| 24 | | 10 | 3250 | 13 | 1 | 13 | | 422,50 | | |
| 25 | | 10 | 210 | 240 | 1 | 240 | | 504,00 | | |
| 26 | | 10 | 2950 | 15 | 1 | 15 | | 442,50 | | |
| 27 | | 10 | 170 | 100 | 1 | 100 | | 170,00 | | |
| 28 | | 10 | 1800 | 12 | 1 | 12 | | 216,00 | | |
| 29 | | 10 | 190 | 95 | 1 | 95 | | 180,50 | | |
| 30 | | 10 | 1750 | 18 | 1 | 18 | | 315,00 | | |
| 31 | | 10 | 66 | 95 | 1 | 95 | | 62,70 | | |
| Długość wg średnic (m) | | | | | | | 2444,05 | 3634,10 | 4861,74 | 2070,20 |
| Masa 1 m pręta (kg/m) | | | | | | | 0,22 | 0,62 | 0,89 | 1,58 |
| Masa łączna wg średnic (kg) | | | | | | | 542,58 | 2242,24 | 4317,23 | 3270,92 |
| Masa łączna wg gatunku stali (kg) | | | | | | | 542,58 | 9830,38 | | |
| Ogółem (kg) | | | | | | | 10372,96 | | | |

## UWAGI:

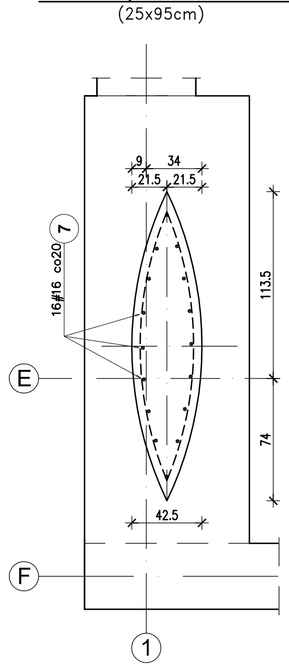
1. POZIOM ±0,00 = 249,10m npm.
2. ZABEZPIECZENIE PRZECIWWODNE WG OPISU TECHNICZNEGO.
3. RYSUNEK ROZPATRYWAĆ ŁĄCZNIE Z RROJEKTEM ARCHITEKTURY I POZOSTAŁYMI PROJEKTAMI BRANŻOWYMI.
4. OTWORY, STUDZIENKI, PRZEWODY I PRZEJŚCIA INSTALACYJNE W ŁAWACH FUNDAM. I ŚCIANACH ROZMIEŚCIĆ I WYKONAĆ WG PROJEKTÓW BRANŻOWYCH.
5. UZIOM OTOKOWY, ZWODY PIONOWE I INNE ELEMENTY INSTALACJI ODGROMOWEJ WYKONAĆ WG PROJEKTU INSTAL. ELEKTR.
6. SZYB WINDY WYKONAĆ W KOORDYNACJI Z PRODUCENTEM I DOSTAWCĄ DŹWIGU WINDOWEGO.

# BETON B37(C30/37)W6
# STAL A-IIIN RB500W
# STAL A-I St3SX-b

## ŁAWY FUNDAMENTOWE Ł-1 do Ł-4
## ŚCIANY FUNDAMENTOWE SF-1 i SF-2

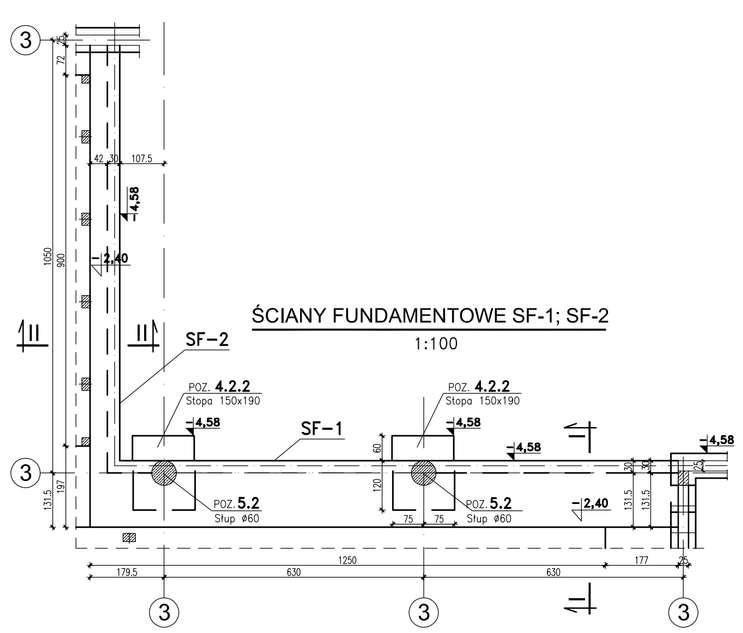
## "Startery" – Poz.5.5

(25x95cm)




## ŚCIANY FUNDAMENTOWE SF-1; SF-2

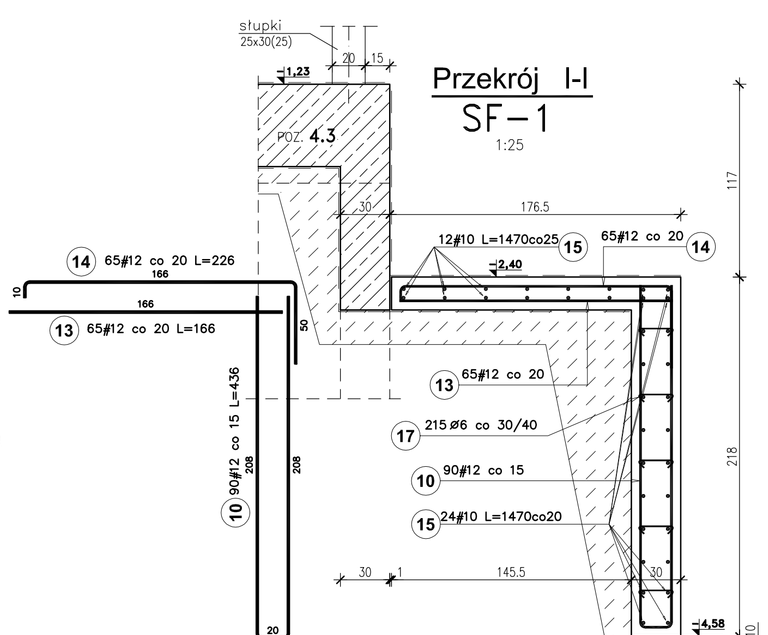
1:100




## Przekrój I-I

SF-1

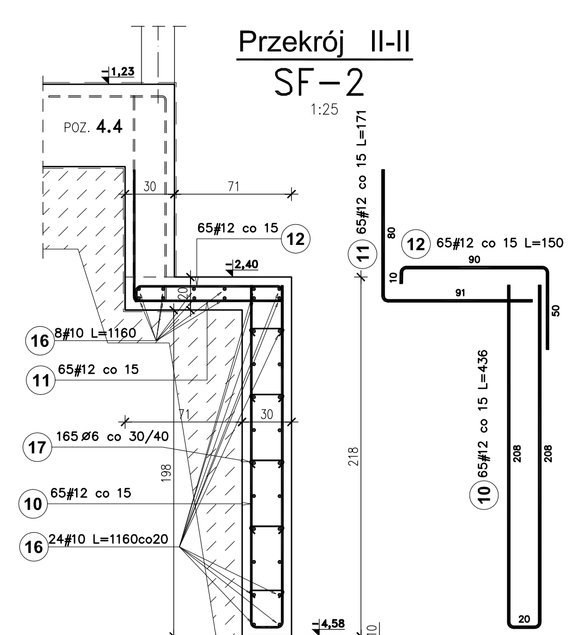
1:25




## Przekrój II-II

SF-2

1:25




| ZMIANA REVISION | OZNACZENIE ZMIANY DESCRIPTION | DATA ZMIANY DATE | PODPIS SIGNATURE |
|---|---|---|---|
| - | - | - | |
| - | - | - | |
| - | - | - | |

NAZWA I ADRES INWESTYCJI PROJECT NAME AND ADRESS

BUDOWA KRYTEGO BASENU
WE WŁOSZCZOWIE
UL. WIŚNIOWA

INWESTOR INVESTOR

GMINA WŁOSZCZOWA
ul. Partyzantów 14, 29-100 Włoszczowa
tel. (041) 39 42 669 fax. (041) 39 42 339

GENERALNY PROJEKTANT GENERAL DESIGNER

ARCAD ARCAD Sp. z o.o. Spółka Komandytowo-Akcyjna
25-553 Kielce; UL. Klonowa 55
TEL. (041) 343 64 60(61) FAX (41) 343 64 62
E-MAIL: biuro@arcadprojekty.pl

| | | |
|---|---|---|
| PROJEKTOWAŁ DESIGNED | inż. Grzegorz GRZEGORZEWSKI | upr. KL-1222/82 |
| OPRACOWAŁ DRAWN | mgr inż. Henryk Kolaczyński<br>Grzegorz Furnańczyk | |
| SPRAWDZIŁ CHECKED | inż. Ireneusz DOMAGAŁA | upr. SWK/0028/POOK/03 |

| | |
|---|---|
| OBIEKT OBJECT | KRYTY BASEN |
| BRANŻA BRANCH | KONSTRUKCJA |
| FAZA PROJEKTU STAGE | PROJEKT WYKONAWCZY |
| NAZWA RYSUNKU DRAWING NAME | ŁAWY FUNDAMENTOWE: Ł-1; Ł-2; Ł-3; Ł-4<br>ŚCIANY FUNDAMENTOWE: SF-1; SF-2 |

| SKALA / SCALE | FORMAT / SIZE | DATA / DATE |
|---|---|---|
| 1:25 | - | 01.2009 |
| NR PROJEKTU / PROJECT NO | NR RYS. / DRAWING NO | ZMIANA / REV |
| | K-01-01 | - |

NINIEJSZE OPRACOWANIE STANOWI DZIEŁO AUTORSKIE I PODLEGA OCHRONIE ZGODNIE Z USTAWĄ O PRAWIE AUTORSKIM I PRAWACH POKREWNYCH