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ING. IVAN ŠÍR

PROJEKTOVÁNÍ DOPRAVNÍCH STAVEB CZ s.r.o.

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IČ: 259 62 914

investor: Královéhradecký kraj
Pivovarské náměstí 1245, 500 03, Hradec Králové

III/302 4 Jetřichov

■ kraj:
Královéhradecký

■ MÚ / OU:
Broumov

■ stupeň utajení:
bez utajení

■ datum:
02 / 2017

■ zakázkové číslo:
017045

■ stupeň PD:
DSP + PDPS

■ odpovědný projektant stavby:
Ing. Ivan Šír

■ odpovědný projektant objektu:
Ing. Melišová Alena

■ vypracoval:
Ing. Melišová Alena

■ kontroloval:
Ing. Jan Fiala

■ změna číslo:
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■ měřítko:
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Melišová

Fiala

SO 301 - REKONSTRUKCE DEŠŤOVÉ KANALIZACE
v úseku km 0,008 - 1,757

TECHNICKÁ ZPRÁVA

C.3.1.1



Technická zpráva

III/302 4 Jetřichov

SO 301 Rekonstrukce dešťové kanalizace v úseku km 0,008 – 1,757

| | |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Název stavby | : III/302 4 Jetřichov |
| Stavební objekt | : SO 301 Rekonstrukce dešťové kanalizace v úseku km 0,008 – 1,757 |
| Místo stavby | : Jetřichov, okres Náchod, kraj Královéhradecký, kat. území Jetřichov (okr. Náchod) 659193 |
| Investor | : Královéhradecký kraj Pivovarské náměstí 1245 500 03 Hradec Králové IČ: 708 89 546, DIČ: CZ70889546 |
| Generální projektant | : Ing. Ivan Šír, projektování dopravních staveb CZ s.r.o. Haškova 1713/3, 50002 Hradec Králové IČ: 259 62 914, DIČ: CZ25962914 |
| Projektant | : Ing. Melišová Alena AQUATHERM PROJECT, Střelecká 588 Hradec Králové 2, IČO 735 75 721 Autorizovaný inženýr v oboru vodohospodářské stavby ČKAIT č. 0600712 |
| Stupeň dokumentace | : DSP + PDPS |
| Datum vypracování | : únor 2017 |

1. Úvod

Záměrem stavby je modernizace silnice III/302 4 Jetřichov v předmětném úseku. Stávající odvodnění povrchu vozovky i jejích podkladních vrstev je ve většině případů nefunkční a má přímý vliv na bezpečnost provozu na komunikaci i na její stavebně-technický stav. V rámci modernizace silnice III/3024 a chodníků dojde k bourání stávajících uličních vpustí a k výměně dešťové kanalizace včetně šachet v potřebném rozsahu. Jedná se o stavební úpravy dosavadní stavby ve smyslu § 2 odst. 5 písm. c) SZ, která dle § 79 odst. 6 SZ nevyžaduje rozhodnutí o umístění stavby ani územní souhlas. Při realizaci stavby dojde v celém úseku k zajištění řádného odvodnění povrchu vozovky pro zajištění bezpečnosti provozu a životnosti komunikace. Vzhledem k umístění a charakteru stavby je ponechán v celém rozsahu stavby způsob odvodnění zpevněných ploch stejně jako ve stávajícím stavu. Dojde pouze k výměně prvků a součástí odvodnění. Množství dešťových vod odváděných do vodoteče se proti stávajícímu stavu v uvažovaném úseku nemění, profily stávajících vyměňovaných stok zůstávají stejné.



Pro odvedení dešťových vod z komunikace v silničním km 0,008 až km 1,757 jsou navrženy typové uliční vpusti z prefabrikovaných dílců s kalovou prohlubní s mříží s nálevkou pro vozovky D 400 v celkovém počtu 27 kusů, vpusti obrubníkové z prefabrikovaných dílců s kalovou prohlubní zakryté speciálním obrubníkovým poklopem s nátokem ze strany vozovky, jehož rám je přizpůsoben pro osazení lapače nečistot v celkovém počtu 6 kusů a v místě s minimálním spádem je navržen štěrbinový žlab s vpustmi štěrbinových žlabů v celkovém počtu 1 kus. Od vpustí je navržen systém nových stok „D1“ až „D4“, stok „D2-1“, „D2-2“ a „D4-1“ napojujících boční stávající dešťové stoky a kanalizačních přípojek, který bude napojen v jednotlivých úsecích dle situace.

Kanalizační stoky a přípojky výměny dešťové kanalizace (SO 301) jsou vedeny po pozemcích parc. č. 1369/1, parc. č. 224/1, parc. č. 278/2, parc. č. 1418, stav.parc. č. 204, parc. č. 347/1, parc. č. 100/1, parc. č. 352/2, parc. č. 82/3, parc. č. 81/1, parc. č. 81/2, parc. č. 55/1, parc. č. 55/2 a stav.parc. č. 20 v k.ú. Jetřichov (okr. Náchod) 659193.

Podkladem pro zpracování projektu byly digitální podklady (zaměření ve výškovém systému BpV a souřadném systému S-JTSK, katastrální situace, koordinační situace, návrhy souvisejících objektů, stávající sítě) předané generálním projektantem, ověření stávající kanalizace pokud bylo možno a prohlídka místa stavby.

Pro vytyčení objektu bude použita platná a ověřená vytyčovací síť stavby, přesnost vytyčení dle ČSN 730420-1 a ČSN 730420-2.

Podzemní inženýrské sítě jsou v projektu zakresleny pouze informativně. Před zahájením výkopových prací je investor povinen zajistit jejich vytyčení.

Veškeré níže uvedené výrobky jsou uvedeny pro možnost konkrétního návrhu odvodnění a je možné je nahradit obdobnými výrobky stejné nebo lepší kvality a chemických a fyzikálních vlastností.

Výstavba objektu bude postupovat podle zpracovaného plánu organizace výstavby po etapách podle postupu výstavby úseků vozovky.

2. Návrh řešení

Pro odvedení dešťových vod z komunikace v silničním km 0,008 až km 1,757 jsou navrženy jednak typové uliční vpusti z prefabrikovaných dílců s kalovou prohlubní s mříží s nálevkou pro vozovky D 400 v celkovém počtu 27 kusů a jednak vpusti obrubníkové z prefabrikovaných dílců s kalovou prohlubní zakryté speciálním obrubníkovým poklopem s nátokem ze strany vozovky, jehož rám je přizpůsoben pro osazení lapače nečistot v celkovém počtu 6 kusů. V místě s minimálním spádem je navržen štěrbinový žlab Ž1 s 1 ks vpusti štěrbinového žlabu.

Projektovaná stoka „D1“ PP SN 12, resp. SN 16 v úsecích s malým krytím pod vozovkou, DN 300 mm délky 423,60 m je vedena od vstupní šachty Šd13 převážně v chodníku k místu napojení na stávající kanalizaci pravděpodobně B DN 300 mm podcházející vozovku a vyústěné do stávající vodoteče. Na stoku jsou napojeny kanalizační přípojky dešťové od vpustí UV1 až UV7, OV8, UV9 a UV10 z trub PVC SN 16 dn 200 mm.

Projektovaná stoka „D2“ PP SN 12, resp. SN 16 v úsecích s malým krytím pod vozovkou, DN 300 a 400 mm celkové délky 492,44 m (DN 400 – 89,22 m, DN 300 – 403,22 m) je vedena od vstupní šachty Šd31 převážně v chodníku k místu napojení na stávající kanalizaci pravděpodobně B DN 400 mm podcházející vozovku a vyústěné pravděpodobně do stávajícího propustku. Na stávající stoku v úseku odvodněném stokou „D2“ jsou napojeny i stávající stoky z přilehlého území. Tyto stoky podchycují navržené stoky „D2-1“ a „D2-2“. Na stoku jsou napojeny kanalizační

C.3.1.1 – Technická zpráva

III/302 4 Jetřichov

SO 301 Rekonstrukce dešťové kanalizace v úseku km 0,008 – 1,757

Vypracoval: Ing. Melišová



připojky dešťové od vpustí UV11 až UV13, OV14 až OV16, UV17 a OV18 z trub PVC SN 16 dn 200 mm.

Projektovaná stoka „D2-1“ PP SN 12 DN 300 mm (odhad) délky 12,71 m je vedena od vstupní šachty Šd17b zřízené na stávající dešťové kanalizaci k místu napojení na šachtu Šd17a na stoce „D2“. Místo zřízení šachty Šd17b je nutné ověřit na stavbě. Pravděpodobně bude nutné upravit i stávající přípojku do šachty v délce cca 3,66 m z trub PVC SN 16 dn 200 mm. Stávající odpadní potrubí z šachty Šd17b bude zrušeno.

Projektovaná stoka „D2-2“ PP SN 12 DN 300 mm (odhad) délky 6,46 m je vedena od stávající kanalizační šachty k místu napojení na šachtu Šd21 na stoce „D2“. Stávající šachta bude vyspravena, stávající odpadní potrubí bude zrušeno, případně bude v jejím místě zřízena šachta nová.

Projektovaná stoka „D3“ PP SN 12, resp. SN 16 v úsecích s malým krytím pod vozovkou, DN 300 a 400 mm celkové délky 478,86 m (DN 400 – 70,99 m, DN 300 – 407,87 m) je vedena od vstupní šachty Šd46 převážně v chodníku k místu napojení na stávající propustek pravděpodobně B DN 400 mm podcházející vozovku a vyústěný do stávající vodoteče. Na stoku jsou napojeny kanalizační přípojky dešťové od vpustí UV19 až UV24, OV25, UV26 až UV29 a VŽ1 z trub PVC SN 16 dn 200 mm.

Projektovaná stoka „D4“ PP SN 12, resp. SN 16 v úsecích s malým krytím pod vozovkou, DN 300 a 400 mm celkové délky 134,44 m (DN 400 – 20,78 m, DN 300 – 113,66 m) je vedena od vstupní šachty Šd51 převážně v chodníku k místu napojení na stávající kanalizaci pravděpodobně B DN 400 mm podcházející vozovku a vyústěný do stávající vodoteče. V místě napojení na stávající kanalizaci je navržena kanalizační šachta Šd47 DN 1500 mm. Stávající šachta je v tomto místě zaasfaltovaná. Před upřesněním návrhu bude nutné provést kopanou sondou průzkum stávajících stok. Na stávající stoku v úseku odvodněném stokou „D4“ jsou napojeny i stávající stoky z přilehlého území. Jedna stávající stoka bude napojena na stoku „D4“ v šachtě Šd48. Druhou stávající stoku podchycuje navrhovaná stoka „D4-1“. Na stoku jsou napojeny kanalizační přípojky dešťové od vpustí UV30 až UV33 z trub PVC SN 16 dn 200 mm.

Projektovaná stoka „D4-1“ PP SN 12 DN 300 mm (odhad) délky 1,89 m je vedena od místa napojení na stávající kanalizaci pomocí spojky podle druhu potrubí k místu napojení na šachtu Šd49 na stoce „D4“. Návrh bude upraven na místě stavby podle skutečnosti po odkrytí potrubí.

Kanalizační stoky dešťové kanalizace jsou navrženy z trub polypropylenových PP SN 12, resp. SN 16, DN 300 mm až DN 400 mm celkové délky 1550,40 m. Kanalizační přípojky od uličních vpustí, obrubníkových vpustí a vpustí štěrbinového žlabu jsou navrženy z trub PVC dn 200 mm SN 16 celkové délky 47,50 m. Úprava stávající přípojky je navržena z trub PVC dn 200 mm SN 16 délky cca 3,66 m.

Před obsypem potrubí bude provedena zkouška nepropustnosti. O zkoušce bude pořízen záznam, který bude předložen při kolaudačním souhlasu.

Projektované kapacity:

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| PP DN 400 mm | 180,99 m |
| PP DN 300 mm | 1369,41 m |
| PVC dn 200 mm | 51,16 m |



3. Uliční a obrubníkové vpusti a vpust šterbinového žlabu

Pro odvedení dešťových vod z komunikací jsou navrženy typové uliční vpusti UV1 až UV7, UV9 až UV13, UV17, UV19 až UV24 a UV26 až UV33 z prefabrikovaných dílců s kalovou prohlubní podle VL 2 MD (234.02, 234.05). Vpusti UV jsou navrženy s mříží s nálevkou pro vozovky D 400. Vpusti budou osazeny na podkladní betonovou desku tl. vrstvy 100 mm z prostého betonu C 12/15. Vpusti jsou zřejmé z výkresu č. 14.

Vpusti OV8, OV14 až OV16, OV18 a OV25 jsou navrženy z prefabrikovaných dílců s kalovou prohlubní jako obrubníkové pro možnost návrhu s obrubníkovou nastavitelnou mříží (bude upřesněno podle skutečnosti a podle výšky obrubníku). Vpusti budou osazeny na podkladní betonovou desku tl. vrstvy 100 mm z prostého betonu C 12/15. Vpusti jsou zřejmé z výkr. č. 15.

Vpust šterbinového žlabu je součástí dešťové kanalizace. Horní část vpusti je součástí systému šterbinového žlabu (viz. bod 4. této TZ). Spodní část vpusti je navržena z prefabrikovaných dílců s kalovou prohlubní. Vpust šterbinového žlabu je zřejmá z výkresu č. 16.

4. Šterbinový žlab

Při malém podélném sklonu vozovky je nutné navrhnout pro odvodnění komunikace šterbinové žlaby se systémem vpustí šterbinových žlabů. Šterbinový žlab je součástí tohoto objektu. Je navržen šterbinový žlab Ž1 délky 21,0 m ze šterbinových trub pro třídu zatížení D 400 bez vnitřního spádu. Žlab je navržen s přerušovanou šterbinou – typ I-1-CY pro osazení do míst, kde je pravděpodobný výskyt cyklistů. Žlab má zúženou nátokovou šterbinu a má víc spojovacích můstků, takže šterbin je víc a jsou kratší. Součástí systému šterbinového žlabu je i čistící kus základní včetně plastového poklopu, záslepky na čela šterbinových žlabů, kompletní vpust'ový kus úžlabí včetně plastového poklopu. Šterbinový žlab je uložen do suché betonové směsi z betonu C 30/37 a na betonový základ z betonu C 20/25 tl. vrstvy 100 mm. Schema skladby šterbinového žlabu je zřejmé z výkresu č. 17. Spára mezi vozovkou a žlabem bude proříznuta a vyplněna modifikovanou záplivkou.

5. Vstupní šachty

V lomech tras a v místech spojení stok nebo napojení přípojek jsou navrženy typové kanalizační šachty DN 1000 mm s prefabrikovaným šachetním dnem, vstupní komín tvoří prefabrikované skruže - rovné a přechodové, případně přechodová deska. Šachty jsou zakryty litinovými kruhovými poklopy Ø 600 mm D400.

Šachty Šd1, Šd14, Šd17b, Šd32, Šd48 a Šd49 jsou navrženy se spodní stavbou monolitickou z prostého betonu C20/25, vstupní komín tvoří prefabrikované skruže – rovné a přechodové, případně přechodová deska. Monolitické dno je navrženo z důvodu osazení šachet na stávající kanalizaci, kterou je nutné nejprve ověřit na stavbě, z důvodu odskoků přírodních a odpadních trub, případně vzhledem k malé hloubce uložení kanalizace.

Vstupní šachtu Šd47 bylo nutné vzhledem k ostrému úhlu přírodních stok navrhnout DN 1500 mm. Šachetní dno je navrženo prefabrikované pravděpodobně na zakázku a bude zakryté zákrytovou deskou. Šachta je zakryta samonivelačním plovoucím litinovým kruhovým poklopem Ø 600 mm D400. Spodní stavba šachty Šb47 bude vyložena čedičovými segmenty z důvodu předpokládaných odskoků přírodních trub větších než 0,5 m. Před upřesněním návrhu šachty Šd47 bude nutné provést sondu v místě předpokládané stávající šachty, která je zalita živicí, a upřesnit hloubky uložení, profily, materiál a úhly zaústění stávajících stok.

Šachty jsou zřejmé z výkresu č. 13.



6. Uložení potrubí

Výkopy budou prováděny od hrubých terénních úprav provedených v rámci projektů pozemních komunikací i související stavby chodníku, případně od stávajícího terénu.

Kanalizační potrubí PP a PVC je uloženo v pažené rýze s pažením zátažným šířky dna 1,15 m (pro dn 200 mm), 1,30 m (pro DN 300 mm) a 1,50 m (pro DN 400 mm). Potrubí je v celé délce uloženo na štěrkopískový podsyp zrnitosti 0-8 mm tloušťky vrstvy 100 mm. Nad vrch potrubí je do výšky 300 mm proveden hutněný obsyp štěrkopískem - zrno 0-8 mm, při hutnění je nutné postupovat podle technických podmínek výrobce pro pokládku potrubí. Zbylý prostor rýhy bude po zemní pláň vozovky nebo chodníku, případně po stávající terén, vyplněn zásypem z nakupovaných materiálů se zhutněním. Uložení potrubí je zřejmé z příčného řezu – viz. výkresy podélných profilů č. 10 až č. 12.

Technologický postup pokládky potrubí, hutnění obsypu, případně statické posouzení potrubí bude zajištěno přímo podle konkrétních podmínek u zástupce výrobce trub. Před hutněním obsypu je nutné zabezpečit co největší roznášecí úhel uložení potrubí do lože, a to vytvořením klínů pod potrubí. Konkrétní technologický postup vytvořený výrobcem přímo na stavbě zohlední používaný hutnicí prostředek a upřesní druh obsypového materiálu. V prostoru 0,3 m nad horní hranou potrubí je povoleno používat pouze lehkou zhutňovací techniku (vibrační pěchy, malé desky). Zpětný zásyp $I_d=0,80$ bude hutněn po vrstvách max 300mm.

V případě výskytu podzemní vody ve výkopu by bylo nutné položit v celé délce podmačené trasy v nejnižším místě dna rýhy drenážní potrubí DN 100 mm do drenážního štěrku zrnitosti 32-63 mm. Pro čerpání podzemní vody by byla v nejnižším místě zřízena čerpací šachta z betonových skruží DN 800 mm pro osazení čerpadla.

7. Závěr

Výstavbu objektu bude provádět kvalifikovaná firma s oprávněním pro výstavbu kanalizací.

Před obsypem potrubí bude provedena zkouška nepropustnosti. O zkoušce bude pořízen záznam, který bude předložen při kolaudačním souhlasu. Na potrubí je nutno provést jako součást předávací dokumentace průzkum televizní kamerou. Kamerový průzkum bude proveden ještě jednou před skončením záruční lhůty stavby.

Při provádění stavebních a montážních prací je třeba dodržovat veškeré platné související technické normy a předpisy, a předpisy o bezpečnosti práce a ochraně zdraví při práci. Dále musí být dodrženy podmínky stavebního povolení a podmínky jednotlivých orgánů státní správy a dotčených organizací dle jejich vyjádření.

Při provádění prací na staveništích je třeba dodržovat pravidla BOZP, včetně zákonných požadavků, ustanovení norem (ČSN), bezpečnostních a hygienických předpisů platných v době provádění stavby.

Investor stavby zajistí před zahájením zemních prací vytyčení podzemních inženýrských sítí u jejich správců.

C.3.1.1 – Technická zpráva

III/302 4 Jetřichov

SO 301 Rekonstrukce dešťové kanalizace v úseku km 0,008 – 1,757

Vypracoval: Ing. Melišová

**SOUŘADNICE VYTYČOVANÝCH BODŮ – VPUSTI**

| POPIS | Y | X | VRCH MŘÍŽE |
|-------|-----------|------------|------------|
| UV 01 | 606156,65 | 1002484,04 | 467,608 |
| UV 02 | 606133,54 | 1002452,39 | 467,001 |
| UV 03 | 606096,16 | 1002401,83 | 464,921 |
| UV 04 | 606067,44 | 1002357,60 | 463,675 |
| UV 05 | 606045,17 | 1002325,22 | 463,002 |
| UV 06 | 606022,72 | 1002289,73 | 462,541 |
| UV 07 | 606007,39 | 1002229,85 | 461,310 |
| OV 08 | 605993,14 | 1002172,67 | 459,322 |
| UV 09 | 605988,59 | 1002123,95 | 458,001 |
| UV 10 | 605988,70 | 1002109,96 | 457,676 |
| UV 11 | 605988,81 | 1002041,83 | 456,464 |
| UV 12 | 605946,44 | 1001911,31 | 454,325 |
| UV 13 | 605910,02 | 1001842,66 | 453,445 |
| OV 14 | 605891,40 | 1001803,30 | 452,379 |
| OV 15 | 605883,35 | 1001785,52 | 451,709 |
| OV 16 | 605864,80 | 1001737,21 | 449,974 |
| UV 17 | 605851,14 | 1001694,57 | 448,810 |
| OV 18 | 605832,43 | 1001631,12 | 447,791 |
| UV 19 | 605726,32 | 1001547,70 | 445,976 |
| UV 20 | 605679,88 | 1001525,61 | 445,350 |
| UV 21 | 605609,82 | 1001502,50 | 444,789 |
| UV 22 | 605581,94 | 1001494,65 | 444,676 |
| UV 23 | 605543,87 | 1001483,88 | 444,257 |
| UV 24 | 605533,70 | 1001480,73 | 444,215 |
| OV 25 | 605498,40 | 1001468,98 | 443,999 |
| UV 26 | 605410,90 | 1001417,60 | 443,196 |
| UV 27 | 605358,60 | 1001377,91 | 442,199 |
| UV 28 | 605338,79 | 1001352,96 | 441,924 |
| UV 29 | 605320,74 | 1001322,72 | 441,339 |
| UV 30 | 605296,28 | 1001280,33 | 440,512 |
| UV 31 | 605267,47 | 1001231,31 | 439,607 |
| UV 32 | 605237,30 | 1001178,49 | 438,701 |
| UV 33 | 605233,94 | 1001170,70 | 438,612 |

VÝKAZ KUBATUR A PLOCH ZEMNÍCH PRACÍ – stoka "D1" + na ZÚ

| STANIČENÍ v m | V PŘÍČNÉM ŘEZU | | | | SOUČET PŘÍSLUŠNÝCH | | | | VZDÁLENOST PROFILŮ v m | 1/2 VZDÁLENOST PROFILŮ v m | KUBATURA | | PŘÍČNĚ SE PŘEHODÍ m3 | PLOCHA v m2 | | |
|---------------|----------------|-------------|-----------|--------|--------------------------------------|-------------|-----------|--------|--------------------------------------|----------------------------|-----------------|-----------------|----------------------|-------------|-------------|--|
| | PLOCHA | | DÉLEK V m | | PLOCH | | DÉLEK V m | | | | VÝKOPU "V" v m3 | ZÁŘEZU "Z" v m3 | | Pažení | NÁSYPU "Sn" | |
| | VÝKOPU v m2 | ZÁŘEZU v m2 | SVAHŮ | | VÝKOPU v m2 | ZÁŘEZU V m2 | | | | | | | | | | |
| | | | Pažení | NÁSYPU | | | Pažení | NÁSYPU | | | | | | | | |
| -1,2 | 1,48 | | 2,28 | | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX | | | | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX | | | | | | | |
| 0 | 1,48 | | 2,28 | | 2,96 | 0 | 4,56 | 0 | 1,2 | 0,6 | 1,776 | 0 | 1,776 | 2,736 | 0 | |
| 0,7 | 1,48 | | 2,28 | | 2,96 | 0 | 4,56 | 0 | 0,7 | 0,35 | 1,036 | 0 | 1,036 | 1,596 | 0 | |
| 0,7 | 1,21 | | 1,86 | | | | | | | | | | | | | |
| 3,92 | 1,16 | | 1,78 | | 2,37 | 0 | 3,64 | 0 | 3,22 | 1,61 | 3,8157 | 0 | 3,8157 | 5,8604 | 0 | |
| 3,92 | 1,4 | | 2,16 | | | | | | | | | | | | | |
| 4,93 | 1,39 | | 2,14 | | 2,79 | 0 | 4,3 | 0 | 1,01 | 0,505 | 1,409 | 0 | 1,409 | 2,1715 | 0 | |
| 19,44 | 1,2 | | 1,84 | | 2,59 | 0 | 3,98 | 0 | 14,51 | 7,255 | 18,79 | 0 | 18,79 | 28,875 | 0 | |
| 20,2 | 1,18 | | 1,82 | | 2,38 | 0 | 3,66 | 0 | 0,76 | 0,38 | 0,9044 | 0 | 0,9044 | 1,3908 | 0 | |
| 20,2 | 1,21 | | 1,86 | | 2,39 | 0 | 3,68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 21,94 | 1,2 | | 1,84 | | 2,41 | 0 | 3,7 | 0 | 1,74 | 0,87 | 2,0967 | 0 | 2,0967 | 3,219 | 0 | |
| 50,24 | 1,21 | | 1,86 | | 2,41 | 0 | 3,7 | 0 | 28,3 | 14,15 | 34,102 | 0 | 34,102 | 52,355 | 0 | |
| 56,72 | 1,22 | | 1,88 | | 2,43 | 0 | 3,74 | 0 | 6,48 | 3,24 | 7,8732 | 0 | 7,8732 | 12,118 | 0 | |
| 56,72 | 0,95 | | 1,46 | | | | | | | | | | | | | |
| 63,58 | 0,99 | | 1,52 | | 1,94 | 0 | 2,98 | 0 | 6,86 | 3,43 | 6,6542 | 0 | 6,6542 | 10,221 | 0 | |
| 63,58 | 1,26 | | 1,94 | | | | | | | | | | | | | |
| 68,45 | 1,26 | | 1,94 | | 2,52 | 0 | 3,88 | 0 | 4,87 | 2,435 | 6,1362 | 0 | 6,1362 | 9,4478 | 0 | |
| 70,8 | 1,27 | | 1,96 | | 2,53 | 0 | 3,9 | 0 | 2,35 | 1,175 | 2,9728 | 0 | 2,9728 | 4,5825 | 0 | |
| 128,04 | 1,83 | | 2,82 | | 3,1 | 0 | 4,78 | 0 | 57,24 | 28,62 | 88,722 | 0 | 88,722 | 136,8 | 0 | |
| 173,47 | 1,42 | | 2,18 | | 3,25 | 0 | 5 | 0 | 45,43 | 22,715 | 73,824 | 0 | 73,824 | 113,58 | 0 | |
| 181,47 | 1,48 | | 2,28 | | 2,9 | 0 | 4,46 | 0 | 8 | 4 | 11,6 | 0 | 11,6 | 17,84 | 0 | |
| 181,47 | 1,08 | | 1,66 | | | | | | | | | | | | | |
| 184,84 | 1,11 | | 1,7 | | 2,19 | 0 | 3,36 | 0 | 3,37 | 1,685 | 3,6902 | 0 | 3,6902 | 5,6616 | 0 | |
| 188,06 | 1,13 | | 1,74 | | 2,24 | 0 | 3,44 | 0 | 3,22 | 1,61 | 3,6064 | 0 | 3,6064 | 5,5384 | 0 | |
| 188,06 | 1,53 | | 2,36 | | | | | | | | | | | | | |
| 188,15 | 1,53 | | 2,36 | | 3,06 | 0 | 4,72 | 0 | 0,09 | 0,045 | 0,1377 | 0 | 0,1377 | 0,2124 | 0 | |
| 196,18 | 1,48 | | 2,28 | | 3,01 | 0 | 4,64 | 0 | 8,03 | 4,015 | 12,085 | 0 | 12,085 | 18,63 | 0 | |
| | | | | | | | | | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX | | | | | | | |
| | | | | | | | | | | | "V" v m3 | | 281,2312 | | | |
| | | | | | | | | | | | "P" v m2 | | 432,8335 | | | |

VÝKAZ KUBATUR A PLOCH ZEMNÍCH PRACÍ – pokračování "D1" + na KÚ; "D2" + na ZÚ

| STANIČENÍ v m | V PŘÍČNÉM ŘEZU | | | | SOUČET PŘÍSLUŠNÝCH | | | | VZDÁLENOST PROFILŮ v m | 1/2 VZDÁLENOST PROFILŮ v m | KUBATURA | | PŘÍČNĚ SE PŘEHODÍ m3 | PLOCHA v m2 | |
|---------------|----------------|-------------|-----------|--------|--------------------|-------------|-----------|--------|------------------------|----------------------------|-----------------|-----------------|----------------------|-------------|-------------|
| | PLOCHA | | DÉLEK V m | | PLOCH | | DÉLEK V m | | | | VÝKOPU "V" v m3 | ZÁŘEZU "Z" v m3 | | Pažení | NÁSYPU "Sn" |
| | VÝKOPU v m2 | ZÁŘEZU v m2 | SVAHŮ | | VÝKOPU v m2 | ZÁŘEZU V m2 | | | | | | | | | |
| | | | Pažení | NÁSYPU | | | Pažení | NÁSYPU | | | | | | | |
| 196,18 | 1,48 | | 2,28 | | 3,07 | 0 | 4,72 | 0 | 35,35 | 17,675 | 54,262 | 0 | 54,262 | 83,426 | 0 |
| 231,53 | 1,59 | | 2,44 | | 3,28 | 0 | 5,04 | 0 | 39,31 | 19,655 | 64,468 | 0 | 64,468 | 99,061 | 0 |
| 270,84 | 1,69 | | 2,6 | | 3,85 | 0 | 5,92 | 0 | 42,82 | 21,41 | 82,429 | 0 | 82,429 | 126,75 | 0 |
| 313,66 | 2,16 | | 3,32 | | | | | | | | | | | | |
| 313,66 | 1,89 | | 2,9 | | 3,84 | 0 | 5,9 | 0 | 7,15 | 3,575 | 13,728 | 0 | 13,728 | 21,093 | 0 |
| 320,81 | 1,95 | | 3 | | | | | | | | | | | | |
| 320,81 | 2,22 | | 3,42 | | 4,47 | 0 | 6,88 | 0 | 1,9 | 0,95 | 4,2465 | 0 | 4,2465 | 6,536 | 0 |
| 322,71 | 2,25 | | 3,46 | | 4,55 | 0 | 7 | 0 | 2,89 | 1,445 | 6,5748 | 0 | 6,5748 | 10,115 | 0 |
| 325,6 | 2,3 | | 3,54 | | 4,17 | 0 | 6,42 | 0 | 29,53 | 14,765 | 61,57 | 0 | 61,57 | 94,791 | 0 |
| 355,13 | 1,87 | | 2,88 | | 3,55 | 0 | 5,46 | 0 | 13,16 | 6,58 | 23,359 | 0 | 23,359 | 35,927 | 0 |
| 368,29 | 1,68 | | 2,58 | | 3,02 | 0 | 4,64 | 0 | 18,03 | 9,015 | 27,225 | 0 | 27,225 | 41,83 | 0 |
| 386,32 | 1,34 | | 2,06 | | 2,63 | 0 | 4,04 | 0 | 37,28 | 18,64 | 49,023 | 0 | 49,023 | 75,306 | 0 |
| 423,6 | 1,29 | | 1,98 | | 2,58 | 0 | 3,96 | 0 | 1,2 | 0,6 | 1,548 | 0 | 1,548 | 2,376 | 0 |
| 424,8 | 1,29 | | 1,98 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| -1,2 | 1,64 | | 2,18 | | 3,28 | 0 | 4,36 | 0 | 1,2 | 0,6 | 1,968 | 0 | 1,968 | 2,616 | 0 |
| 0 | 1,64 | | 2,18 | | 3,26 | 0 | 4,34 | 0 | 11,25 | 5,625 | 18,338 | 0 | 18,338 | 24,413 | 0 |
| 11,25 | 1,62 | | 2,16 | | 3,18 | 0 | 4,24 | 0 | 10,46 | 5,23 | 16,631 | 0 | 16,631 | 22,175 | 0 |
| 21,71 | 1,56 | | 2,08 | | | | | | | | | | | | |
| 21,71 | 1,04 | | 1,38 | | 2,08 | 0 | 2,76 | 0 | 0,79 | 0,395 | 0,8216 | 0 | 0,8216 | 1,0902 | 0 |
| 22,5 | 1,04 | | 1,38 | | 2,03 | 0 | 2,7 | 0 | 4,47 | 2,235 | 4,5371 | 0 | 4,5371 | 6,0345 | 0 |
| 26,97 | 0,99 | | 1,32 | | | | | | | | | | | | |
| 26,97 | 1,5 | | 2 | | 2,99 | 0 | 3,98 | 0 | 10,29 | 5,145 | 15,384 | 0 | 15,384 | 20,477 | 0 |
| 37,26 | 1,49 | | 1,98 | | | | | | | | | | | | |
| 37,26 | 1,17 | | 1,56 | | 2,36 | 0 | 3,14 | 0 | 5,61 | 2,805 | 6,6198 | 0 | 6,6198 | 8,8077 | 0 |
| 42,87 | 1,19 | | 1,58 | | 2,39 | 0 | 3,18 | 0 | 2,17 | 1,085 | 2,5932 | 0 | 2,5932 | 3,4503 | 0 |
| 45,04 | 1,2 | | 1,6 | | | | | | | | | | | | |
| | | | | | | | | | | | "V" v m3 | | 455,326 | | |
| | | | | | | | | | | | "P" v m2 | | 686,2707 | | |

VÝKAZ KUBATUR A PLOCH ZEMNÍCH PRACÍ – pokračování "D2"

| STANIČENÍ v m | V PŘÍČNÉM ŘEZU | | | | SOUČET PŘÍSLUŠNÝCH | | | | VZDÁLENOST PROFILŮ v m | 1/2 VZDÁLENOST PROFILŮ v m | KUBATURA | | PŘÍČNĚ SE PŘEHODÍ m3 | PLOCHA v m2 | |
|---------------|----------------|-------------|-----------|--------|--------------------|-------------|-----------|--------|------------------------|----------------------------|-----------------|-----------------|----------------------|-------------|-------------|
| | PLOCHA | | DÉLEK V m | | PLOCH | | DÉLEK V m | | | | VÝKOPU "V" v m3 | ZÁŘEZU "Z" v m3 | | Pažení | NÁSYPU "Sn" |
| | VÝKOPU v m2 | ZÁŘEZU v m2 | SVAHŮ | | VÝKOPU v m2 | ZÁŘEZU V m2 | | | | | | | | | |
| | | | Pažení | NÁSYPU | | | Pažení | NÁSYPU | | | | | | | |
| 45,04 | 1,52 | | 2,02 | | 3,05 | 0 | 4,06 | 0 | 4,38 | 2,19 | 6,6795 | 0 | 6,6795 | 8,8914 | 0 |
| 49,42 | 1,53 | | 2,04 | | 3,39 | 0 | 4,52 | 0 | 39,8 | 19,9 | 67,461 | 0 | 67,461 | 89,948 | 0 |
| 89,22 | 1,86 | | 2,48 | | | | | | | | | | | | |
| 89,22 | 1,61 | | 2,48 | | 3,03 | 0 | 4,66 | 0 | 15,74 | 7,87 | 23,846 | 0 | 23,846 | 36,674 | 0 |
| 104,96 | 1,42 | | 2,18 | | | | | | | | | | | | |
| 104,96 | 1,52 | | 2,34 | | 2,92 | 0 | 4,5 | 0 | 8 | 4 | 11,68 | 0 | 11,68 | 18 | 0 |
| 112,96 | 1,4 | | 2,16 | | | | | | | | | | | | |
| 112,96 | 1,3 | | 2 | | 2,59 | 0 | 3,98 | 0 | 1,88 | 0,94 | 2,4346 | 0 | 2,4346 | 3,7412 | 0 |
| 114,84 | 1,29 | | 1,98 | | 2,6 | 0 | 4 | 0 | 19,41 | 9,705 | 25,233 | 0 | 25,233 | 38,82 | 0 |
| 134,25 | 1,31 | | 2,02 | | 2,61 | 0 | 4,02 | 0 | 20,6 | 10,3 | 26,883 | 0 | 26,883 | 41,406 | 0 |
| 154,85 | 1,3 | | 2 | | | | | | | | | | | | |
| 154,85 | 1,21 | | 1,86 | | 2,42 | 0 | 3,72 | 0 | 1,99 | 0,995 | 2,4079 | 0 | 2,4079 | 3,7014 | 0 |
| 156,84 | 1,21 | | 1,86 | | 2,42 | 0 | 3,72 | 0 | 2,01 | 1,005 | 2,4321 | 0 | 2,4321 | 3,7386 | 0 |
| 158,85 | 1,21 | | 1,86 | | | | | | | | | | | | |
| 158,85 | 1,3 | | 2 | | 2,6 | 0 | 4 | 0 | 1,16 | 0,58 | 1,508 | 0 | 1,508 | 2,32 | 0 |
| 160,01 | 1,3 | | 2 | | 2,52 | 0 | 3,88 | 0 | 41,58 | 20,79 | 52,391 | 0 | 52,391 | 80,665 | 0 |
| 201,59 | 1,22 | | 1,88 | | | | | | | | | | | | |
| 201,59 | 0,81 | | 1,24 | | 1,62 | 0 | 2,48 | 0 | 1,48 | 0,74 | 1,1988 | 0 | 1,1988 | 1,8352 | 0 |
| 203,07 | 0,81 | | 1,24 | | 1,63 | 0 | 2,5 | 0 | 3,66 | 1,83 | 2,9829 | 0 | 2,9829 | 4,575 | 0 |
| 206,73 | 0,82 | | 1,26 | | | | | | | | | | | | |
| 206,73 | 1,24 | | 1,9 | | 2,5 | 0 | 3,84 | 0 | 4,71 | 2,355 | 5,8875 | 0 | 5,8875 | 9,0432 | 0 |
| 211,44 | 1,26 | | 1,94 | | 2,59 | 0 | 3,98 | 0 | 11,18 | 5,59 | 14,478 | 0 | 14,478 | 22,248 | 0 |
| 222,62 | 1,33 | | 2,04 | | | | | | | | | | | | |
| 222,62 | 1,05 | | 1,62 | | 2,05 | 0 | 3,16 | 0 | 5,3 | 2,65 | 5,4325 | 0 | 5,4325 | 8,374 | 0 |
| 227,92 | 1 | | 1,54 | | | | | | | | | | | | |
| 227,92 | 1,27 | | 1,96 | | 2,52 | 0 | 3,88 | 0 | 3,14 | 1,57 | 3,9564 | 0 | 3,9564 | 6,0916 | 0 |
| 231,06 | 1,25 | | 1,92 | | | | | | | | | | | | |
| | | | | | | | | | Σ | | "V" v m3 | | 256,8922 | | |
| | | | | | | | | | | | "P" v m2 | | 380,0732 | | |

VÝKAZ KUBATUR A PLOCH ZEMNÍCH PRACÍ – pokračování "D2"

| STANIČENÍ v m | V PŘÍČNÉM ŘEZU | | | | SOUČET PŘÍSLUŠNÝCH | | | | VZDÁLENOST PROFILŮ v m | 1/2 VZDÁLENOST PROFILŮ v m | KUBATURA | | PŘÍČNĚ SE PŘEHODÍ m3 | PLOCHA v m2 | |
|---------------|----------------|-------------|-----------|--------|--------------------|-------------|-----------|--------|------------------------|----------------------------|-----------------|-----------------|----------------------|-------------|-------------|
| | PLOCHA | | DÉLEK V m | | PLOCH | | DÉLEK V m | | | | VÝKOPU "V" v m3 | ZÁŘEZU "Z" v m3 | | Pažení | NÁSYPU "Sn" |
| | VÝKOPU v m2 | ZÁŘEZU v m2 | SVAHŮ | | VÝKOPU v m2 | ZÁŘEZU V m2 | | | | | | | | | |
| | | | Pažení | NÁSYPU | | | Pažení | NÁSYPU | | | | | | | |
| 231,06 | 1,25 | | 1,92 | | 2,3 | 0 | 3,54 | 0 | 19,27 | 9,635 | 22,161 | 0 | 22,161 | 34,108 | 0 |
| 250,33 | 1,05 | | 1,62 | | 2,32 | 0 | 3,58 | 0 | 14,93 | 7,465 | 17,319 | 0 | 17,319 | 26,725 | 0 |
| 265,26 | 1,27 | | 1,96 | | | | | | | | | | | | |
| 265,26 | 1 | | 1,54 | | 2,04 | 0 | 3,14 | 0 | 7,36 | 3,68 | 7,5072 | 0 | 7,5072 | 11,555 | 0 |
| 272,62 | 1,04 | | 1,6 | | | | | | | | | | | | |
| 272,62 | 1,31 | | 2,02 | | 2,62 | 0 | 4,04 | 0 | 1,25 | 0,625 | 1,6375 | 0 | 1,6375 | 2,525 | 0 |
| 273,87 | 1,31 | | 2,02 | | 2,52 | 0 | 3,88 | 0 | 35,04 | 17,52 | 44,15 | 0 | 44,15 | 67,978 | 0 |
| 308,91 | 1,21 | | 1,86 | | 2,39 | 0 | 3,68 | 0 | 35,07 | 17,535 | 41,909 | 0 | 41,909 | 64,529 | 0 |
| 343,98 | 1,18 | | 1,82 | | | | | | | | | | | | |
| 343,98 | 0,82 | | 1,26 | | 1,63 | 0 | 3,76 | 0 | 3,17 | 1,585 | 2,5835 | 0 | 2,5835 | 5,9596 | 0 |
| 347,15 | 0,81 | | 2,5 | | 1,62 | 0 | 5 | 0 | 3,34 | 1,67 | 2,7054 | 0 | 2,7054 | 8,35 | 0 |
| 350,49 | 0,81 | | 2,5 | | | | | | | | | | | | |
| 350,49 | 1,17 | | 1,8 | | 2,34 | 0 | 3,6 | 0 | 1,31 | 0,655 | 1,5327 | 0 | 1,5327 | 2,358 | 0 |
| 351,8 | 1,17 | | 1,8 | | 2,48 | 0 | 3,82 | 0 | 40,72 | 20,36 | 50,493 | 0 | 50,493 | 77,775 | 0 |
| 392,52 | 1,31 | | 2,02 | | 2,69 | 0 | 4,14 | 0 | 16,5 | 8,25 | 22,193 | 0 | 22,193 | 34,155 | 0 |
| 409,02 | 1,38 | | 2,12 | | | | | | | | | | | | |
| 409,02 | 1,22 | | 1,88 | | 2,47 | 0 | 3,8 | 0 | 5,35 | 2,675 | 6,6073 | 0 | 6,6073 | 10,165 | 0 |
| 414,37 | 1,25 | | 1,92 | | 2,49 | 0 | 3,82 | 0 | 6,69 | 3,345 | 8,3291 | 0 | 8,3291 | 12,778 | 0 |
| 421,06 | 1,24 | | 1,9 | | | | | | | | | | | | |
| 421,06 | 1,39 | | 2,14 | | 2,77 | 0 | 4,26 | 0 | 12,55 | 6,275 | 17,382 | 0 | 17,382 | 26,732 | 0 |
| 433,61 | 1,38 | | 2,12 | | 2,73 | 0 | 4,2 | 0 | 10,29 | 5,145 | 14,046 | 0 | 14,046 | 21,609 | 0 |
| 443,9 | 1,35 | | 2,08 | | 2,77 | 0 | 4,26 | 0 | 15,84 | 7,92 | 21,938 | 0 | 21,938 | 33,739 | 0 |
| 459,74 | 1,42 | | 2,18 | | 2,75 | 0 | 4,22 | 0 | 19,4 | 9,7 | 26,675 | 0 | 26,675 | 40,934 | 0 |
| 479,14 | 1,33 | | 2,04 | | 2,64 | 0 | 4,06 | 0 | 5,04 | 2,52 | 6,6528 | 0 | 6,6528 | 10,231 | 0 |
| 484,18 | 1,31 | | 2,02 | | | | | | | | | | | | |
| 484,18 | 1,26 | | 1,94 | | 2,51 | 0 | 3,86 | 0 | 6,51 | 3,255 | 8,17 | 0 | 8,17 | 12,564 | 0 |
| 490,69 | 1,25 | | 1,92 | | | | | | | | | | | | |
| | | | | | | | | | Σ | | | "V" v m3 | | 323,99015 | |
| | | | | | | | | | | | | "P" v m2 | | 504,7691 | |

VÝKAZ KUBATUR A PLOCH ZEMNÍCH PRACÍ – pokračování "D2" + na KÚ; "D3" + na ZÚ

| STANIČENÍ v m | V PŘÍČNÉM ŘEZU | | | | SOUČET PŘÍSLUŠNÝCH | | | | VZDÁLENOST PROFILŮ v m | 1/2 VZDÁLENOST PROFILŮ v m | KUBATURA | | PŘÍČNĚ SE PŘEHODÍ m3 | PLOCHA v m2 | | |
|---------------|----------------|-------------|-----------|--------|--------------------|-------------|-----------|--------|------------------------|----------------------------|-----------------|-----------------|----------------------|-------------|-------------|--|
| | PLOCHA | | DÉLEK V m | | PLOCH | | DÉLEK V m | | | | VÝKOPU "V" v m3 | ZÁŘEZU "Z" v m3 | | Pažení | NÁSYPU "Sn" | |
| | VÝKOPU v m2 | ZÁŘEZU v m2 | SVAHŮ | | VÝKOPU v m2 | ZÁŘEZU V m2 | | | | | | | | | | |
| | | | Pažení | NÁSYPU | | | Pažení | NÁSYPU | | | | | | | | |
| 490,69 | 1,3 | | 2 | | 2,6 | 0 | 4 | 0 | 1,75 | 0,875 | 2,275 | 0 | 2,275 | 3,5 | 0 | |
| 492,44 | 1,3 | | 2 | | 2,6 | 0 | 4 | 0 | 1,2 | 0,6 | 1,56 | 0 | 1,56 | 2,4 | 0 | |
| 493,64 | 1,3 | | 2 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| -1,2 | 1,05 | | 1,4 | | 2,1 | 0 | 2,8 | 0 | 1,2 | 0,6 | 1,26 | 0 | 1,26 | 1,68 | 0 | |
| 0 | 1,05 | | 1,4 | | 2,12 | 0 | 2,82 | 0 | 0,9 | 0,45 | 0,954 | 0 | 0,954 | 1,269 | 0 | |
| 0,9 | 1,07 | | 1,42 | | | | | | | | | | | | | |
| 0,9 | 0,93 | | 1,24 | | 1,89 | 0 | 2,52 | 0 | 2,14 | 1,07 | 2,0223 | 0 | 2,0223 | 2,6964 | 0 | |
| 3,04 | 0,96 | | 1,28 | | 1,94 | 0 | 2,58 | 0 | 0,86 | 0,43 | 0,8342 | 0 | 0,8342 | 1,1094 | 0 | |
| 3,9 | 0,98 | | 1,3 | | | | | | | | | | | | | |
| 3,9 | 1,11 | | 1,48 | | 2,66 | 0 | 3,54 | 0 | 22,66 | 11,33 | 30,138 | 0 | 30,138 | 40,108 | 0 | |
| 26,56 | 1,55 | | 2,06 | | | | | | | | | | | | | |
| 26,56 | 1,23 | | 1,64 | | 2,49 | 0 | 3,32 | 0 | 3,7 | 1,85 | 4,6065 | 0 | 4,6065 | 6,142 | 0 | |
| 30,26 | 1,26 | | 1,68 | | | | | | | | | | | | | |
| 30,26 | 1,58 | | 2,1 | | 3,07 | 0 | 4,08 | 0 | 9,03 | 4,515 | 13,861 | 0 | 13,861 | 18,421 | 0 | |
| 39,29 | 1,49 | | 1,98 | | 2,96 | 0 | 3,94 | 0 | 11,25 | 5,625 | 16,65 | 0 | 16,65 | 22,163 | 0 | |
| 50,54 | 1,47 | | 1,96 | | 2,91 | 0 | 3,88 | 0 | 1,85 | 0,925 | 2,6918 | 0 | 2,6918 | 3,589 | 0 | |
| 52,39 | 1,44 | | 1,92 | | | | | | | | | | | | | |
| 52,39 | 1,35 | | 1,8 | | 2,53 | 0 | 3,62 | 0 | 4,01 | 2,005 | 5,0727 | 0 | 5,0727 | 7,2581 | 0 | |
| 56,4 | 1,18 | | 1,82 | | | | | | | | | | | | | |
| 56,4 | 1,26 | | 1,94 | | 2,7 | 0 | 3,86 | 0 | 14,59 | 7,295 | 19,697 | 0 | 19,697 | 28,159 | 0 | |
| 70,99 | 1,44 | | 1,92 | | | | | | | | | | | | | |
| 70,99 | 1,25 | | 1,92 | | 2,69 | 0 | 4,14 | 0 | 26,16 | 13,08 | 35,185 | 0 | 35,185 | 54,151 | 0 | |
| 97,15 | 1,44 | | 2,22 | | 3,13 | 0 | 4,82 | 0 | 17,82 | 8,91 | 27,888 | 0 | 27,888 | 42,946 | 0 | |
| 114,97 | 1,69 | | 2,6 | | | | | | | | | | | | | |
| 114,97 | 1,61 | | 2,48 | | 3,2 | 0 | 4,92 | 0 | 3,03 | 1,515 | 4,848 | 0 | 4,848 | 7,4538 | 0 | |
| 118 | 1,59 | | 2,44 | | | | | | | | | | | | | |
| | | | | | | | | | Σ | | | "V" v m3 | | 169,54325 | | |
| | | | | | | | | | | | | "P" v m2 | | 243,0457 | | |

VÝKAZ KUBATUR A PLOCH ZEMNÍCH PRACÍ – pokračování "D3"

| STANIČENÍ v m | V PŘÍČNÉM ŘEZU | | | | SOUČET PŘÍSLUŠNÝCH | | | | VZDÁLENOST PROFILŮ v m | 1/2 VZDÁLENOST PROFILŮ v m | KUBATURA | | PŘÍČNĚ SE PŘEHODÍ m3 | PLOCHA v m2 | |
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| | PLOCHA | | DÉLEK V m | | PLOCH | | DÉLEK V m | | | | VÝKOPU "V" v m3 | ZÁŘEZU "Z" v m3 | | Pažení | NÁSYPU "Sn" |
| | VÝKOPU v m2 | ZÁŘEZU v m2 | SVAHŮ | | VÝKOPU v m2 | ZÁŘEZU V m2 | | | | | | | | | |
| | | | Pažení | NÁSYPU | | | Pažení | NÁSYPU | | | | | | | |
| 118 | 1,69 | | 2,6 | | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX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| | | | | | | | | | |

VÝKAZ KUBATUR A PLOCH ZEMNÍCH PRACÍ – pokračování "D3"

| STANIČENÍ v m | V PŘÍČNÉM ŘEZU | | | | SOUČET PŘÍSLUŠNÝCH | | | | VZDÁLENOST PROFILŮ v m | 1/2 VZDÁLENOST PROFILŮ v m | KUBATURA | | PŘÍČNĚ SE PŘEHODÍ m3 | PLOCHA v m2 | |
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| | PLOCHA | | DÉLEK V m | | PLOCH | | DÉLEK V m | | | | VÝKOPU "V" v m3 | ZÁŘEZU "Z" v m3 | | Pažení | NÁSYPU "Sn" |
| | VÝKOPU v m2 | ZÁŘEZU v m2 | SVAHŮ | | VÝKOPU v m2 | ZÁŘEZU V m2 | | | | | | | | | |
| | | | Pažení | NÁSYPU | | | Pažení | NÁSYPU | | | | | | | |
| 285,02 | 1,14 | | 1,76 | | 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| | | | | | | | | | |

VÝKAZ KUBATUR A PLOCH ZEMNÍCH PRACÍ – pokračování "D3" + na KÚ; "D4" + na ZÚ

| STANIČENÍ v m | V PŘÍČNÉM ŘEZU | | | | SOUČET PŘÍSLUŠNÝCH | | | | VZDÁLENOST PROFILŮ v m | 1/2 VZDÁLENOST PROFILŮ v m | KUBATURA | | PŘÍČNĚ SE PŘEHODÍ m3 | PLOCHA v m2 | |
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| | PLOCHA | | DÉLEK V m | | PLOCH | | DÉLEK V m | | | | VÝKOPU "V" v m3 | ZÁŘEZU "Z" v m3 | | Pažení | NÁSYPU "Sn" |
| | VÝKOPU v m2 | ZÁŘEZU v m2 | SVAHŮ | | VÝKOPU v m2 | ZÁŘEZU V m2 | | | | | | | | | |
| | | | Pažení | NÁSYPU | | | Pažení | NÁSYPU | | | | | | | |
| 441,36 | 1,3 | | 2 | | 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VÝKAZ KUBATUR A PLOCH ZEMNÍCH PRACÍ – pokračování "D4" + na KÚ; "D2-1" + na KÚ; "D2-2" + na KÚ; "D4-1" + na KÚ; přípojka „UV-1“ + na KÚ

[illegible]

VÝKAZ KUBATUR A PLOCH ZEMNÍCH PRACÍ – přípojky "UV-2" až "UV-7"+ na KÚ; přípojka "OV-8"+ na KÚ

| STANIČENÍ v m | V PŘÍČNÉM ŘEZU | | | | SOUČET PŘÍSLUŠNÝCH | | | | VZDÁLENOST PROFILŮ v m | 1/2 VZDÁLENOST PROFILŮ v m | KUBATURA | | PŘÍČNĚ SE PŘEHODÍ m3 | PLOCHA v m2 | |
|---------------|----------------|-------------|-----------|--------|--------------------|-------------|-----------|--------|------------------------|----------------------------|-----------------|-----------------|----------------------|-------------|-------------|
| | PLOCHA | | DÉLEK V m | | PLOCH | | DÉLEK V m | | | | VÝKOPU "V" v m3 | ZÁŘEZU "Z" v m3 | | Pažení | NÁSYPU "Sn" |
| | VÝKOPU v m2 | ZÁŘEZU v m2 | SVAHŮ | | VÝKOPU v m2 | ZÁŘEZU V m2 | | | | | | | | | |
| | | | Pažení | NÁSYPU | | | Pažení | NÁSYPU | | | | | | | |
| 0 | 1,07 | | 1,86 | | 2 | 0 | 3,48 | 0 | 1,37 | 0,685 | 1,37 | 0 | 1,37 | 2,3838 | 0 |
| 1,37 | 0,93 | | 1,62 | | 1,47 | 0 | 2,56 | 0 | 1 | 0,5 | 0,735 | 0 | 0,735 | 1,28 | 0 |
| 2,37 | 0,54 | | 0,94 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 0 | 1,97 | | 3,42 | | 3,86 | 0 | 6,7 | 0 | 1,27 | 0,635 | 2,4511 | 0 | 2,4511 | 4,2545 | 0 |
| 1,27 | 1,89 | | 3,28 | | 3,39 | 0 | 5,88 | 0 | 1 | 0,5 | 1,695 | 0 | 1,695 | 2,94 | 0 |
| 2,27 | 1,5 | | 2,6 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 0 | 1,5 | | 2,6 | | 2,96 | 0 | 5,14 | 0 | 1,02 | 0,51 | 1,5096 | 0 | 1,5096 | 2,6214 | 0 |
| 1,02 | 1,46 | | 2,54 | | 2,53 | 0 | 6,94 | 0 | 1 | 0,5 | 1,265 | 0 | 1,265 | 3,47 | 0 |
| 2,02 | 1,07 | | 4,4 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 0 | 1,29 | | 2,24 | | 2,52 | 0 | 4,38 | 0 | 1,22 | 0,61 | 1,5372 | 0 | 1,5372 | 2,6718 | 0 |
| 1,22 | 1,23 | | 2,14 | | 2,07 | 0 | 3,6 | 0 | 1 | 0,5 | 1,035 | 0 | 1,035 | 1,8 | 0 |
| 2,22 | 0,84 | | 1,46 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 0 | 1,3 | | 2,26 | | 2,53 | 0 | 4,4 | 0 | 2,24 | 1,12 | 2,8336 | 0 | 2,8336 | 4,928 | 0 |
| 2,24 | 1,23 | | 2,14 | | 2,07 | 0 | 3,6 | 0 | 1 | 0,5 | 1,035 | 0 | 1,035 | 1,8 | 0 |
| 3,24 | 0,84 | | 1,46 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 0 | 1,51 | | 2,62 | | 2,97 | 0 | 5,16 | 0 | 1,22 | 0,61 | 1,8117 | 0 | 1,8117 | 3,1476 | 0 |
| 1,22 | 1,46 | | 2,54 | | 2,53 | 0 | 6,94 | 0 | 1 | 0,5 | 1,265 | 0 | 1,265 | 3,47 | 0 |
| 2,22 | 1,07 | | 4,4 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 0 | 1,06 | | 1,84 | | 1,99 | 0 | 3,46 | 0 | 1,14 | 0,57 | 1,1343 | 0 | 1,1343 | 1,9722 | 0 |
| 1,14 | 0,93 | | 1,62 | | 1,47 | 0 | 2,56 | 0 | 1 | 0,5 | 0,735 | 0 | 0,735 | 1,28 | 0 |
| 2,14 | 0,54 | | 0,94 | | | | | | | | | | | | |
| | | | | | | | | | | | "V" v m3 | | 20,4125 | | |
| | | | | | Σ | | | | | | "P" v m2 | | 38,0193 | | |

VÝKAZ KUBATUR A PLOCH ZEMNÍCH PRACÍ – přípojky "UV-9" až "UV-13"+ na KÚ;
přípojky "OV-14" a "OV-15"+ na KÚ

| STANIČENÍ v m | V PŘÍČNÉM ŘEZU | | | | SOUČET PŘÍSLUŠNÝCH | | | | VZDÁLENOST PROFILŮ v m | 1/2 VZDÁLENOST PROFILŮ v m | KUBATURA | | PŘÍČNĚ SE PŘEHODÍ m3 | PLOCHA v m2 | |
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| | PLOCHA | | DÉLEK V m | | PLOCH | | DÉLEK V m | | | | VÝKOPU "V" v m3 | ZÁŘEZU "Z" v m3 | | Pažení | NÁSYPU "Sn" |
| | VÝKOPU v m2 | ZÁŘEZU v m2 | SVAHŮ | | VÝKOPU v m2 | ZÁŘEZU V m2 | | | | | | | | | |
| | | | Pažení | NÁSYPU | | | Pažení | NÁSYPU | | | | | | | |
| 0 | 1 | | 1,74 | | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX | | | | | | | | | | |

VÝKAZ KUBATUR A PLOCH ZEMNÍCH PRACÍ – přípojka "OV-16"+ na KÚ; přípojka "UV-17"+ na KÚ; přípojka "OV-18"+ na KÚ; přípojky "UV-19" až "UV-22"+ na KU

| STANIČENÍ v m | V PŘÍČNÉM ŘEZU | | | | SOUCET PŘÍSLUŠNÝCH | | | | VZDÁLENOST PROFILŮ v m | 1/2 VZDÁLENOST PROFILŮ v m | KUBATURA | | PŘÍČNĚ SE PŘEHODÍ m3 | PLOCHA v m2 | |
|---------------|----------------|-------------|-----------|--------|--------------------------------------|-------------|-----------|--------|--------------------------------------|----------------------------|-----------------|-----------------|----------------------|-------------|-------------|
| | PLOCHA | | DÉLEK V m | | PLOCH | | DÉLEK V m | | | | VÝKOPU "V" v m3 | ZÁŘEZU "Z" v m3 | | Pažení | NÁSYPU "Sn" |
| | VÝKOPU v m2 | ZÁŘEZU v m2 | SVAHŮ | | VÝKOPU v m2 | ZÁŘEZU V m2 | | | | | | | | | |
| | | | Pažení | NÁSYPU | | | Pažení | NÁSYPU | | | | | | | |
| 0 | 1,09 | | 1,9 | | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX | | | | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX | | | | | | |
| 0,74 | 1,05 | | 1,82 | | 2,14 | 0 | 3,72 | 0 | 0,74 | 0,37 | 0,7918 | 0 | 0,7918 | 1,3764 | 0 |
| 1,74 | 0,66 | | 1,14 | | 1,71 | 0 | 2,96 | 0 | 1 | 0,5 | 0,855 | 0 | 0,855 | 1,48 | 0 |
| | | | | | | | | | | | | | | | |
| 0 | 1,08 | | 1,88 | | | | | | | | | | | | |
| 1,37 | 1,05 | | 1,82 | | 2,13 | 0 | 3,7 | 0 | 1,37 | 0,685 | 1,4591 | 0 | 1,4591 | 2,5345 | 0 |
| 2,37 | 0,66 | | 1,14 | | 1,71 | 0 | 2,96 | 0 | 1 | 0,5 | 0,855 | 0 | 0,855 | 1,48 | 0 |
| | | | | | | | | | | | | | | | |
| 0 | 1,12 | | 1,94 | | | | | | | | | | | | |
| 0,95 | 1,05 | | 1,82 | | 2,17 | 0 | 3,76 | 0 | 0,95 | 0,475 | 1,0308 | 0 | 1,0308 | 1,786 | 0 |
| 1,95 | 0,66 | | 1,14 | | 1,71 | 0 | 2,96 | 0 | 1 | 0,5 | 0,855 | 0 | 0,855 | 1,48 | 0 |
| | | | | | | | | | | | | | | | |
| 0 | 1,12 | | 1,94 | | | | | | | | | | | | |
| 1,6 | 1,23 | | 2,14 | | 2,35 | 0 | 4,08 | 0 | 1,6 | 0,8 | 1,88 | 0 | 1,88 | 3,264 | 0 |
| 2,6 | 0,84 | | 1,46 | | 2,07 | 0 | 3,6 | 0 | 1 | 0,5 | 1,035 | 0 | 1,035 | 1,8 | 0 |
| | | | | | | | | | | | | | | | |
| 0 | 1,07 | | 1,86 | | | | | | | | | | | | |
| 1,25 | 1,02 | | 1,78 | | 2,09 | 0 | 3,64 | 0 | 1,25 | 0,625 | 1,3063 | 0 | 1,3063 | 2,275 | 0 |
| 2,25 | 0,63 | | 1,1 | | 1,65 | 0 | 2,88 | 0 | 1 | 0,5 | 0,825 | 0 | 0,825 | 1,44 | 0 |
| | | | | | | | | | | | | | | | |
| 0 | 1,1 | | 1,92 | | | | | | | | | | | | |
| 1,41 | 1,05 | | 1,82 | | 2,15 | 0 | 3,74 | 0 | 1,41 | 0,705 | 1,5158 | 0 | 1,5158 | 2,6367 | 0 |
| 2,41 | 0,66 | | 1,14 | | 1,71 | 0 | 2,96 | 0 | 1 | 0,5 | 0,855 | 0 | 0,855 | 1,48 | 0 |
| | | | | | | | | | | | | | | | |
| 0 | 1,15 | | 2 | | | | | | | | | | | | |
| 1,36 | 1,05 | | 1,82 | | 2,2 | 0 | 3,82 | 0 | 1,36 | 0,68 | 1,496 | 0 | 1,496 | 2,5976 | 0 |
| 2,36 | 0,66 | | 1,14 | | 1,71 | 0 | 2,96 | 0 | 1 | 0,5 | 0,855 | 0 | 0,855 | 1,48 | 0 |
| | | | | | | | | | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX | | | | | | |
| | | | | | | | | | | | "V" v m3 | | 15,6146 | | |
| | | | | | | | | | Σ | | | | "P" v m2 | | |
| | | | | | | | | | | | | | 27,1102 | | |

VÝKAZ KUBATUR A PLOCH ZEMNÍCH PRACÍ – přípojky "UV-23" a "UV-24"+ na KÚ;
přípojka "OV-25"+ na KÚ; přípojky "UV-26" až "UV-29"+ na KÚ

| STANIČENÍ v m | V PŘÍČNÉM ŘEZU | | | | SOUČET PŘÍSLUŠNÝCH | | | | VZDÁLENOST PROFILŮ v m | 1/2 VZDÁLENOST PROFILŮ v m | KUBATURA | | PŘÍČNĚ SE PŘEHODÍ m3 | PLOCHA v m2 | |
|---------------|----------------|-------------|-----------|--------|--------------------|-------------|-----------|--------|------------------------|----------------------------|-----------------|-----------------|----------------------|-------------|-------------|
| | PLOCHA | | DÉLEK V m | | PLOCH | | DÉLEK V m | | | | VÝKOPU "V" v m3 | ZÁŘEZU "Z" v m3 | | Pažení | NÁSYPU "Sn" |
| | VÝKOPU v m2 | ZÁŘEZU v m2 | SVAHŮ | | VÝKOPU v m2 | ZÁŘEZU V m2 | | | | | | | | | |
| | | | Pažení | NÁSYPU | | | Pažení | NÁSYPU | | | | | | | |
| 0 | 0,95 | | 1,66 | | 1,76 | 0 | 3,06 | 0 | 1,7 | 0,85 | 1,496 | 0 | 1,496 | 2,601 | 0 |
| 1,7 | 0,81 | | 1,4 | | 1,22 | 0 | 2,12 | 0 | 1 | 0,5 | 0,61 | 0 | 0,61 | 1,06 | 0 |
| 2,7 | 0,41 | | 0,72 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 0 | 0,98 | | 1,7 | | 1,9 | 0 | 3,3 | 0 | 1,63 | 0,815 | 1,5485 | 0 | 1,5485 | 2,6895 | 0 |
| 1,63 | 0,92 | | 1,6 | | 1,45 | 0 | 2,52 | 0 | 1 | 0,5 | 0,725 | 0 | 0,725 | 1,26 | 0 |
| 2,63 | 0,53 | | 0,92 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 0 | 1,05 | | 1,82 | | 1,98 | 0 | 3,44 | 0 | 0,93 | 0,465 | 0,9207 | 0 | 0,9207 | 1,5996 | 0 |
| 0,93 | 0,93 | | 1,62 | | 1,47 | 0 | 2,56 | 0 | 1 | 0,5 | 0,735 | 0 | 0,735 | 1,28 | 0 |
| 1,93 | 0,54 | | 0,94 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 0 | 1,32 | | 2,3 | | 2,6 | 0 | 4,52 | 0 | 0,99 | 0,495 | 1,287 | 0 | 1,287 | 2,2374 | 0 |
| 0,99 | 1,28 | | 2,22 | | 2,17 | 0 | 3,76 | 0 | 1 | 0,5 | 1,085 | 0 | 1,085 | 1,88 | 0 |
| 1,99 | 0,89 | | 1,54 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 0 | 0,99 | | 1,72 | | 1,92 | 0 | 3,34 | 0 | 0,99 | 0,495 | 0,9504 | 0 | 0,9504 | 1,6533 | 0 |
| 0,99 | 0,93 | | 1,62 | | 1,47 | 0 | 2,56 | 0 | 1 | 0,5 | 0,735 | 0 | 0,735 | 1,28 | 0 |
| 1,99 | 0,54 | | 0,94 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 0 | 1,08 | | 1,88 | | 2,13 | 0 | 3,7 | 0 | 1,01 | 0,505 | 1,0757 | 0 | 1,0757 | 1,8685 | 0 |
| 1,01 | 1,05 | | 1,82 | | 1,71 | 0 | 2,96 | 0 | 1 | 0,5 | 0,855 | 0 | 0,855 | 1,48 | 0 |
| 2,01 | 0,66 | | 1,14 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 0 | 0,62 | | 1,08 | | 1,2 | 0 | 2,08 | 0 | 1,54 | 0,77 | 0,924 | 0 | 0,924 | 1,6016 | 0 |
| 1,54 | 0,58 | | 1 | | 0,76 | 0 | 1,32 | 0 | 1 | 0,5 | 0,38 | 0 | 0,38 | 0,66 | 0 |
| 2,54 | 0,18 | | 0,32 | | | | | | | | | | | | |
| | | | | | | | | | Σ | | | "V" v m3 | | 13,32725 | |
| | | | | | | | | | | | | "P" v m2 | | 23,1509 | |

VÝKAZ KUBATUR A PLOCH ZEMNÍCH PRACÍ – přípojky "UV-30" až "UV-33"+ na KÚ;
přípojka "VŽ-1"+ na KÚ; úprava stávající přípojky + na KÚ

| STANIČENÍ v m | V PŘÍČNÉM ŘEZU | | | | SOUČET PŘÍSLUŠNÝCH | | | | VZDÁLENOST PROFILŮ v m | 1/2 VZDÁLENOST PROFILŮ v m | KUBATURA | | PŘÍČNĚ SE PŘEHODÍ m3 | PLOCHA v m2 | |
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| | PLOCHA | | DÉLEK V m | | PLOCH | | DÉLEK V m | | | | VÝKOPU "V" v m3 | ZÁŘEZU "Z" v m3 | | Pažení | NÁSYPU "Sn" |
| | VÝKOPU v m2 | ZÁŘEZU v m2 | SVAHŮ | | VÝKOPU v m2 | ZÁŘEZU V m2 | | | | | | | | | |
| | | | Pažení | NÁSYPU | | | Pažení | NÁSYPU | | | | | | | |
| 0 | 1,01 | | 1,76 | | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX 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