

Arch. Broglia Pier Gianni

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4E

Progettazione

COMUNE DI VISTRORIO (TO)

Opera

OPERE STRUTTURALI

Revisione

SETTI E PARETI: ARMATURE

Scala generale

1:25

Scala particolare

Data

Dicembre 2016

Data di aggiornamento

Riproduzione vietata a norma di legge

IL PROGETTISTA

VISTO IL COSTRUTTORE

VISTO LA PROPRIETÀ

Arch. Pier Gianni Broglia

MATERIALI IMPIEGATI

CALCESTRUZZO

Elemento	Classe di Resistenza	Dosaggio minimo (kg/m³)	Inerte max (mm)	Copri ferro nominale (mm)	Classe di esposizione	Rapporto A/C max	Consistenza	Classe di resistenza	Controllo di accettazione
Getto di pulizia	C20/25	250	30		XC2	0,65	S3 (Semifluido)	CEM 42,5 R	/
Fondazioni	C25/30	300	30	30	XC2	0,60	S3 (Semifluido)	CEM 42,5 R	A
Setti / pareti	C25/30	300	30	30	XC2	0,60	S3 (Semifluido)	CEM 42,5 R	A
Travi	C25/30	300	30	30	XC2	0,60	S3 (Semifluido)	CEM 42,5 R	A
Solai	C25/30	300	30	30	XC2	0,60	S3 (Semifluido)	CEM 42,5 R	A

ACCIAIO

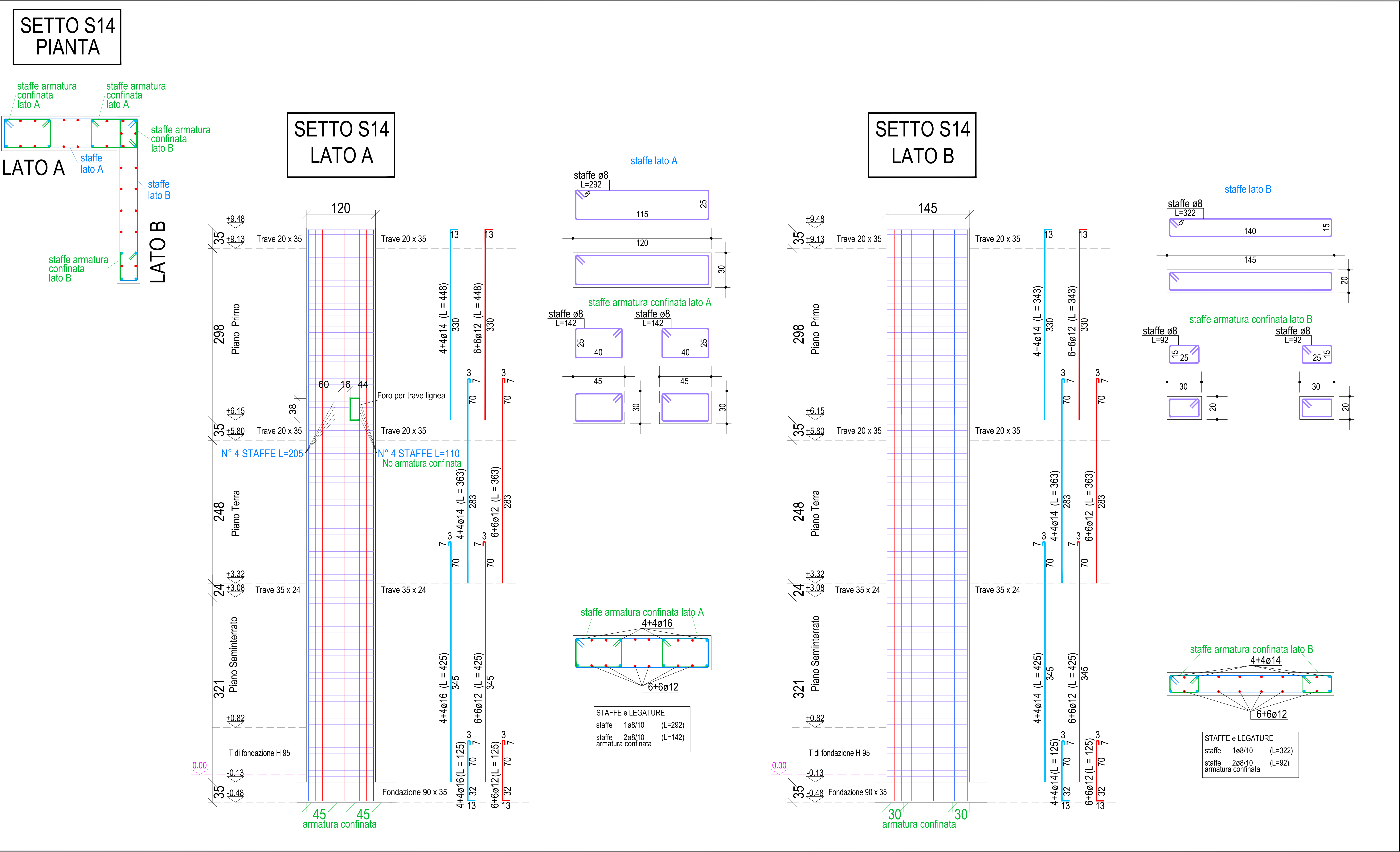
Acciaio ad aderenza migliorata tipo B450C, SALDABILE

Ogni fornitura deve essere accompagnata dalla copia conforme del relativo certificato, con data non anteriore a tre mesi, emesso dal laboratorio ufficiale incaricato del controllo in stabilimento

La lunghezza minima di sovrapposizione dei ferri correnti, ove non diversamente specificato, deve essere assunta pari a 40 volte il diametro dei ferri stessi.

Tutte le caratteristiche sopra indicate devono essere riportate nella bolla di consegna

Non eseguire alcun getto senza l'approvazione della Direzione Lavori



MATERIALI ACCIAIO

Caratteristiche acciaio

R _{yk}	T	σ _{yk}	E	G	Stz	f _{yk} /f _{yk1}	f _{yk2} /f _{yk1}	f _{yk3} /f _{yk1}	f _{yk4} /f _{yk1}	f _{yk5} /f _{yk1}	γ	γ _{yk}	γ _{yk1}	γ _{yk2}	γ _{yk3}	γ _{yk4}	γ _{yk5}
Acciaio S235 (B500C)	002	78.500	0,000010	210.000	80.769	-	450,000	-	289,85	-	1,15	-	-	-	-	-	-
S235 (B500C)	004	78.500	0,000012	210.000	80.769	119	235,000	360	165,76	215,000	390	1,05	1,09	1,25	-	-	-

LEGENDA:

R_{yk} Numero identificativo del materiale, nella relativa tabella dei materiali.

T Tipo di acciaio.

σ_{yk} Coefficiente di dilatazione termica.

E Modulo elastico normale.

G Modulo elastico tangenziale.

Stz Tipo di situazione: [P] = di Progetto (Esistente); [P] = di Progetto (Nuovo).

f_{yk}/f_{yk1} Resistenza caratteristica a Rottura (per profili <= 40 mm).

f_{yk2}/f_{yk1} Resistenza caratteristica a Rottura (per profili > 40 mm <= 80 mm).

f_{yk3}/f_{yk1} Resistenza di calcolo a Rottura (Buloni).

f_{yk4}/f_{yk1} Coefficiente parziale di sicurezza alla SLV del materiale.

f_{yk5}/f_{yk1} Coefficiente parziale di sicurezza per installazione.

γ_{yk} Coefficiente parziale di sicurezza per scorrimento allo SLV (Buloni).

γ_{yk1} Coefficiente parziale di sicurezza per scorrimento allo SLE (Buloni).

γ_{yk2} Coefficiente parziale di sicurezza per scorrimento allo SLE (Buloni).

γ_{yk3} Coefficiente parziale di sicurezza per scorrimento allo SLE (Buloni).

γ_{yk4} Coefficiente parziale di sicurezza per scorrimento allo SLE (Buloni).

γ_{yk5} Coefficiente parziale di sicurezza per scorrimento allo SLE (Buloni).

f_{yk} Resistenza caratteristica allo svernamento (per profili con t <= 40 mm).

f_{yk1} Resistenza caratteristica allo svernamento (per profili con 40 mm < t <= 80 mm).

f_{yk2} Resistenza di calcolo (per profili con t <= 40 mm).

f_{yk3} Resistenza di calcolo (per profili con 40 mm < t <= 80 mm).

f_{yk4} Resistenza di calcolo (per profili con t <= 40 mm).

f_{yk5} Resistenza di calcolo (per profili con t <= 40 mm).

NOTE

[1] = Parametro non significativo per il materiale.

MATERIALI LEGNO

Caratteristiche Legno

R _{yk}	T	γ _{yk}	γ _{yk1}	γ _{yk2}	γ _{yk3}	γ _{yk4}	γ _{yk5}	γ _{yk6}	γ _{yk7}	γ _{yk8}	γ _{yk9}	γ _{yk10}	γ _{yk11}	γ _{yk12}	γ _{yk13}	γ _{yk14}	γ _{yk15}	γ _{yk16}	γ _{yk17}	γ _{yk18}	γ _{yk19}	γ _{yk20}	γ _{yk21}	γ _{yk22}	γ _{yk23}	γ _{yk24}	γ _{yk25}	γ _{yk26}	γ _{yk27}	γ _{yk28}	γ _{yk29}	γ _{yk30}	γ _{yk31}	γ _{yk32}	γ _{yk33}	γ _{yk34}	γ _{yk35}	γ _{yk36}	γ _{yk37}	γ _{yk38}	γ _{yk39}	γ _{yk40}	γ _{yk41}	γ _{yk42}	γ _{yk43}	γ _{yk44}	γ _{yk45}	γ _{yk46}	γ _{yk47}	γ _{yk48}	γ _{yk49}	γ _{yk50}	γ _{yk51}	γ _{yk52}	γ _{yk53}	γ _{yk54}	γ _{yk55}	γ _{yk56}	γ _{yk57}	γ _{yk58}	γ _{yk59}	γ _{yk60}	γ _{yk61}	γ _{yk62}	γ _{yk63}	γ _{yk64}	γ _{yk65}	γ _{yk66}	γ _{yk67}	γ _{yk68}	γ _{yk69}	γ _{yk70}	γ _{yk71}	γ _{yk72}	γ _{yk73}	γ _{yk74}	γ _{yk75}	γ _{yk76}	γ _{yk77}	γ _{yk78}	γ _{yk79}	γ _{yk80}	γ _{yk81}	γ _{yk82}	γ _{yk83}	γ _{yk84}	γ _{yk85}	γ _{yk86}	γ _{yk87}	γ _{yk88}	γ _{yk89}	γ _{yk90}	γ _{yk91}	γ _{yk92}	γ _{yk93}	γ _{yk94}	γ _{yk95}	γ _{yk96}	γ _{yk97}	γ _{yk98}	γ _{yk99}	γ _{yk100}	γ _{yk101}	γ _{yk102}	γ _{yk103}	γ _{yk104}	γ _{yk105}	γ _{yk106}	γ _{yk107}	γ _{yk108}	γ _{yk109}	γ _{yk110}	γ _{yk111}	γ _{yk112}	γ _{yk113}	γ _{yk114}	γ _{yk115}	γ _{yk116}	γ _{yk117}	γ _{yk118}	γ _{yk119}	γ _{yk120}	γ _{yk121}	γ _{yk122}	γ _{yk123}	γ _{yk124}	γ _{yk125}	γ _{yk126}	γ _{yk127}	γ _{yk128}	γ _{yk129}	γ _{yk130}	γ _{yk131}	γ _{yk132}	γ _{yk133}	γ _{yk134}	γ _{yk135}	γ _{yk136}	γ _{yk137}	γ _{yk138}	γ _{yk139}	γ _{yk140}	γ _{yk141}	γ _{yk142}	γ _{yk143}	γ _{yk144}	γ _{yk145}	γ _{yk146}	γ _{yk147}	γ _{yk148}	γ _{yk149}	γ _{yk150}	γ _{yk151}	γ _{yk152}	γ _{yk153}	γ _{yk154}	γ _{yk155}	γ _{yk156}	γ _{yk157}	γ _{yk158}	γ _{yk159}	γ _{yk160}	γ _{yk161}	γ _{yk162}	γ _{yk163}	γ _{yk164}	γ _{yk165}	γ _{yk166}	γ _{yk167}	γ _{yk168}	γ _{yk169}	γ _{yk170}	γ _{yk171}	γ _{yk172}	γ _{yk173}	γ _{yk174}	γ _{yk175}	γ _{yk176}	γ _{yk177}	γ _{yk178}	γ _{yk179}	γ _{yk180}	γ _{yk181}	γ _{yk182}	γ _{yk183}	γ _{yk184}	γ _{yk185}	γ _{yk186}	γ _{yk187}	γ _{yk188}	γ _{yk189}	γ _{yk190}	γ _{yk191}	γ _{yk192}	γ _{yk193}	γ _{yk194}	γ _{yk195}	γ _{yk196}	γ _{yk197}	γ _{yk198}	γ _{yk199}	γ _{yk200}	γ _{yk201}	γ _{yk202}	γ _{yk203}	γ _{yk204}	γ _{yk205}	γ _{yk206}	γ _{yk207}	γ _{yk208}	γ _{yk209}	γ _{yk210}	γ _{yk211}	γ _{yk212}	γ _{yk213}	γ _{yk214}	γ _{yk215}	γ _{yk216}	γ _{yk217}	γ _{yk218}	γ _{yk219}	γ _{yk220}	γ _{yk221}	γ _{yk222}	γ _{yk223}	γ _{yk224}	γ _{yk225}	γ _{yk226}	γ _{yk227}	γ _{yk228}	γ _{yk229}	γ _{yk230}	γ _{yk231}	γ _{yk232}	γ _{yk233}	γ _{yk234}	γ _{yk235}	γ _{yk236}	γ _{yk237}	γ _{yk238}	γ _{yk239}	γ _{yk240}	γ _{yk241}	γ _{yk242}	γ _{yk243}	γ _{yk244}	γ _{yk245}	γ _{yk246}	γ _{yk247}	γ _{yk248}	γ _{yk249}	γ _{yk250}	γ _{yk251}	γ _{yk252}	γ _{yk253}	γ _{yk254}	γ _{yk255}	γ _{yk256}	γ _{yk257}	γ _{yk258}	γ _{yk259}	γ _{yk260}	γ _{yk261}	γ _{yk262}	γ _{yk263}	γ _{yk264}	γ _{yk265}	γ _{yk266}	γ _{yk267}	γ _{yk268}	γ _{yk269}	γ _{yk270}	γ _{yk271}	γ _{yk272}	γ _{yk273}	γ _{yk274}	γ _{yk275}	γ _{yk276}	γ _{yk277}	γ _{yk278}	γ _{yk279}	γ _{yk280}	γ _{yk281}	γ _{yk282}	γ _{yk283}	γ _{yk284}	γ _{yk285}	γ _{yk286}	γ _{yk287}	γ _{yk288}	γ _{yk289}	γ _{yk290}	γ _{yk291}	γ _{yk292}	γ _{yk293}	γ _{yk294}	γ _{yk295}	γ _{yk296}	γ _{yk297}	γ _{yk298}	γ _{yk299}	γ _{yk300}	γ _{yk301}	γ _{yk302}	γ _{yk303}	γ _{yk304}	γ _{yk305}	γ _{yk306}	γ _{yk307}	γ _{yk308}	γ _{yk309}	γ _{yk310}	γ _{yk311}	γ _{yk312}	γ _{yk313}	γ _{yk314}	γ _{yk315}	γ _{yk316}	γ _{yk317}	γ _{yk318}	γ _{yk319}	γ _{yk320}	γ _{yk321}	γ _{yk322}	γ _{yk323}	γ _{yk324}	γ _{yk325}	γ _{yk326}	γ _{yk327}	γ _{yk328}	γ _{yk329}	γ _{yk330}	γ _{yk331}	γ _{yk332}	γ _{yk333}	γ _{yk334}	γ _{yk335}	γ _{yk336}	γ _{yk337}	γ _{yk338}	γ _{yk339}	γ _{yk340}	γ _{yk341}	γ _{yk342}	γ _{yk343}	γ _{yk344}	γ _{yk345}	γ _{yk346}	γ _{yk347}	γ _{yk348}	γ _{yk349}	γ _{yk350}	γ _{yk351}	γ _{yk352}	γ _{yk353}	γ _{yk354}	γ _{yk355}	γ _{yk356}	γ _{yk357}	γ _{yk358}	γ _{yk359}	γ _{yk360}	γ _{yk361}	γ _{yk362}	γ _{yk363}	γ _{yk364}	γ _{yk365}	γ _{yk366}	γ _{yk367}	γ _{yk368}	γ _{yk369}	γ _{yk370}	γ _{yk371}	γ _{yk372}	γ _{yk373}	γ _{yk374}	γ _{yk375}	γ _{yk376}	γ _{yk377}	γ _{yk378}	γ _{yk379}	γ _{yk380}	γ _{yk381}	γ _{yk382}	γ _{yk383}	γ _{yk384}	γ _{yk385}	γ _{yk386}	γ _{yk387}	γ _{yk388}	γ _{yk389}	γ _{yk390}	γ _{yk391}	γ _{yk392}	γ _{yk393}	γ _{yk394}	γ _{yk395}	γ _{yk396}	γ _{yk397}	γ _{yk398}	γ _{yk399}	γ _{yk400}	γ _{yk401}	γ _{yk402}	γ _{yk403}	γ _{yk404}	γ _{yk405}	γ _{yk406}	γ _{yk407}	γ _{yk408}	γ _{yk409}	γ _{yk410}	γ _{yk411}	γ _{yk412}	γ _{yk413}	γ _{yk414}	γ _{yk415}	γ _{yk416}	γ _{yk417}	γ _{yk418}	γ _{yk419}	γ _{yk420}	γ _{yk421}	γ _{yk422}	γ _{yk423}	γ _{yk424}	γ _{yk425}	γ _{yk426}	γ _{yk427}	γ _{yk428}	γ _{yk429}	γ _{yk430}	γ _{yk431}	γ _{yk432}	γ _{yk433}	γ _{yk434}	γ _{yk435}	γ _{yk436}	γ _{yk437}	γ _{yk438}	γ _{yk439}	γ _{yk440}	γ _{yk441}	γ _{yk442}	γ _{yk443}	γ _{yk444}	γ _{yk445}	γ _{yk446}	γ _{yk447}	γ _{yk448}	γ _{yk449}	γ _{yk450}	γ _{yk451}	γ _{yk452}	γ _{yk453}	γ _{yk454}	γ _{yk455}	γ _{yk456}	γ _{yk457}	γ _{yk458}	γ _{yk459}	γ _{yk460}	γ _{yk461}	γ _{yk462}	γ _{yk463}	γ _{yk464}	γ _{yk465}	γ _{yk466}	γ _{yk467}	γ _{yk468}	γ _{yk469}	γ _{yk470}	γ _{yk471}	γ _{yk472}	γ _{yk473}	γ _{yk474}	γ _{yk475}	γ _{yk476}	γ _{yk477}	γ _{yk478}	γ _{yk479}	γ _{yk480}	γ _{yk481}	γ _{yk482}	γ _{yk483}	γ _{yk484}	γ _{yk485}	γ _{yk486}	γ _{yk487}	γ _{yk488}	γ _{yk489}	γ _{yk490}	γ _{yk491}	γ _{yk492}	γ _{yk493}	γ _{yk494}	γ _{yk495}	γ _{yk496}	γ _{yk497}	γ _{yk498}	γ _{yk499}	γ _{yk500}	γ _{yk501}	γ _{yk502}	γ _{yk503}	γ _{yk504}	γ _{yk505}	γ _{yk506}	γ _{yk507}	γ _{yk508}	γ _{yk509}	γ _{yk510}	γ _{yk511}	γ _{yk512}	γ _{yk513}	γ _{yk514}	γ _{yk515}	γ _{yk516}	γ _{yk517}	γ _{yk518}	γ _{yk519}	γ _{yk520}	γ _{yk521}	γ _{yk522}	γ _{yk523}	γ _{yk524}	γ _{yk525}	γ _{yk526}	γ _{yk527}	γ _{yk528}	γ _{yk529}	γ _{yk530}	γ _{yk531}	γ _{yk532}	γ _{yk533}	γ _{yk534}	γ _{yk535}	γ _{yk536}	γ _{yk537}	γ _{yk538}	γ _{yk539}	γ _{yk540}	γ _{yk541}	γ _{yk542}	γ _{yk543}	γ _{yk544}	γ _{yk545}	γ _{yk546}	γ _{yk547}	γ _{yk548}	γ _{yk549}	γ _{yk550}	γ _{yk551}	γ _{yk552}	γ _{yk553}	γ _{yk554}	γ _{yk555}	γ _{yk556}	γ _{yk557}	γ _{yk558}	γ _{yk559}	γ _{yk560}	γ _{yk561}	γ _{yk562}	γ _{yk563}	γ _{yk564}	γ _{yk565}	γ _{yk566}	γ _{yk567}	γ _{yk568}	γ _{yk569}	γ _{yk570}	γ _{yk571}	γ _{yk572}	γ _{yk573}	γ _{yk574}	γ _{yk575}	γ _{yk576}	γ _{yk577}	γ _{yk578}	γ _{yk579}	γ _{yk580}	γ _{yk581}	γ _{yk582}	γ _{yk583}	γ _{yk584}	γ _{yk585}	γ _{yk586}	γ _{yk587}	γ _{yk588}	γ _{yk589}	γ _{yk590}	γ _{yk591}	γ _{yk592}	γ _{yk593}	γ _{yk594}	γ _{yk595}	γ _{yk596}	γ _{yk597}	γ _{yk598}	γ _{yk599}	γ _{yk600}	γ _{yk601}	γ _{yk602}	γ _{yk603}	γ _{yk604}	γ _{yk605}	γ _{yk606}	γ _{yk607}	γ _{yk608}	γ _{yk609}	γ _{yk610}	γ _{yk611}	γ _{yk612}	γ _{yk613}	γ _{yk614}	γ _{yk615}	γ _{yk616}	γ _{yk617}	γ _{yk618}	γ _{yk619}	γ _{yk620}	γ _{yk621}	γ _{yk622}	γ _{yk623}	γ _{yk624}	γ _{yk625}	γ _{yk626}	γ _{yk627}	γ _{yk628}	γ _{yk629}	γ _{yk630}	γ _{yk631}	γ _{yk632}	γ _{yk633}	γ _{yk634}	γ _{yk635}	γ _{yk636}	γ _{yk637}	γ _{yk638}	γ _{yk639}	γ _{yk640}	γ _{yk641}	γ _{yk642}	γ _{yk643}	γ _{yk644}	γ _{yk645}	γ _{yk646}	γ _{yk647}	γ _{yk648}	γ _{yk649}	γ _{yk650}	γ _{yk651}	γ _{yk652}	γ _{yk653}	γ _{yk654}	γ _{yk655}	γ _{yk656}	γ _{yk657}	γ _{yk658}	γ _{yk659}	γ _{yk660}	γ _{yk661}	γ _{yk662}	γ _{yk663}	γ _{yk664}	γ _{yk665}	γ _{yk666}	γ _{yk667}	γ _{yk668}	γ _{yk669}	γ _{yk670}	γ _{yk671}	γ _{yk672}	γ _{yk673}	γ _{yk674}	γ _{yk675}	γ _{yk676}	γ _{yk677}	γ _{yk678}	γ _{yk679}	γ _{yk680}	γ _{yk681}	γ _{yk682}	γ _{yk683}	γ _{yk684}	γ _{yk685}	γ _{yk686}	γ _{yk687}	γ _{yk688}	γ _{yk689}	γ _{yk690}	γ _{yk691}	γ _{yk692}	γ _{yk693}	γ _{yk694}	γ _{yk695}	γ _{yk696}	γ _{yk697}	γ _{yk698}	γ _{yk699}	γ _{yk700}	γ _{yk701}	γ _{yk702}	γ _{yk703}	γ _{yk704}	γ _{yk705}	γ _{yk706}	γ _{yk707}	γ _{yk708}	γ _{yk709}	γ _{yk710}	γ _{yk711}	γ _{yk712}	γ _{yk713}	γ _{yk714}	γ _{yk715}	γ _{yk716}	γ _{yk717}	γ _{yk718}	γ _{yk719}	γ _{yk720}	γ _{yk721}	γ _{yk722}	γ _{yk723}	γ _{yk724}	γ _{yk725}	γ _{yk726}	γ _{yk727}	γ _{yk728}	γ _{yk729}	γ _{yk730}	γ _{yk731}	γ _{yk732}	γ _{yk733}	γ _{yk734}	γ _{yk735}	γ _{yk736}	γ _{yk737}	γ _{yk738}	γ _{yk739}	γ _{yk740}	γ _{yk741}	γ _{yk742}	γ _{yk743}	γ _{yk744}
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