UR	<b>AT</b> /						
URATA (CAM	BODIA) CO., LT	p. Build	ling Co	onstri (		ork result r ne)	eport
described in th	the result of th is report and at A (CAMBODIA)	tached docum		om cons		onstruction) as follo	ows. The contents
	Construction	contractor	<u>Compa</u>	ny namo	2	Stamp	
			Addres	S			
			<u>Telepho</u>	one			
			Name			Signature	
	Construction	Designer	<u>Compar</u>	ny name	2	Stamp	
			Addres	S			
			Telepho	one			
			Name			Signature	
We received below.	a report from t	the construction	on design	regardi	ng the result	of the constructio	n work described
	Construction	owner	<u>Compai</u>	ny name	2	Stamp	
			<u>Telephc</u>	one			
			Name				
(1) Constructio	n Permit			/ / No.			
	n Site Opening	icense			/	/	No.
(3) Construction	①Name				,	③Construction type	New construction • Extension • Renovation
work	②Location						
	1	Company na	ame				
		Address					
		Name				Telepho	one
(4) Representat	tive designer	Patent No.					
		Designer lice name	ense				
		License No. date	• Issued				
(5) Structure d	esigner	Company na	ame				

	Address									
	Name				Tele	ephon	ie			
	Patent No.									
	Designer lice name	ense								
	License No. date	• Issued								
	Name						Telephone			
(6) Construction contractor	Site office									
(7) Floor	Underground	d floor		m	Upper floor			m		
(8) Building area			m²	(9) Fl	oor area			m²		
(10) Building coverage ratio				(11) Bı	uilding height	Hig	hest	m		
(12) Plan change	have •	Haven't		/	/		No.			
	Plan Have • change haven't				Approval date fr designer	om	/	/		
(13) Retaining wall work			If have		Approval date fr certifier	om				
					Approval date from designer		/	/		
(14) Temporary work	Plan change	Have • haven't	If have		Approval date fr certifier					
(15) Structure calculation method		I					1			
	Temporary v	work								
(16) Designer general	Pile work									
observation	Retaining wa	all								
	Excavation v	work								

Concrete work
Rebar work
Steel work
Special construction method
MEP work

Received : \_\_\_\_\_\_ Received No. : UC-2022-\_\_\_\_

.

Recipient :

#### Report of test and inspection results of reinforcing bar joints (For each inspection lot)

			Rebar joint construction method	Туре	of rebar used	Testing compa name	any		c position the numb	er)			point (N	∕mm2) (N∕mm2	)	Acceptance
Lot No.	Reinfor	rcement joint part	Joint company name		nt test and ection method	Test/inspectic date	on	(Enter	ass/fail the numbe of pcs)	er	1	2	3	4	5	/Rejection of inspection lot
	underg	indation slab/ round beam columns/floor		SD Tensile/	D non-destructive			Main( Pass(	)Joint( )Fail(	)						Acceptance /Rejection
	Pile/fou undergi	undation slab/ round beam columns/floor		SD Tensile/	D non-destructive			Main( Pass(	)Joint( )Fail(	)						Acceptance /Rejection
	Pile/foundation slab/ underground beam /Floor columns/floor beams Pile/foundation slab/ underground beam /Floor columns/floor beams			SD Tensile/	D non-destructive			Main( Pass(	)Joint( )Fail(	)						Acceptance /Rejection
				SD Tensile/	D non-destructive			Main( Pass(	)Joint( )Fail(	)						Acceptance /Rejection
	underg	undation slab/ round beam columns/floor		SD Tensile/	D non-destructive			Main( Pass(	)Joint( )Fail(	)						- Acceptance /Rejection
	Pile/foundation slab/ underground beam /Floor columns/floor beams			SD Tensile/	D non-destructive			Main( Pass(	)Joint( )Fail(	)						Acceptance /Rejection
Testi Inspe confirn	ing/ ction nation	Number of joints (spots)		Numbe	er of tests	Ultrasonic /Measuremen (location/l	t insp	ection	Change re	eason		•	•			
tab (To	ole tal)	Plan I	mplementation	Plan	Implementation	Plan	Imple	mentation								

#### Concrete testing and inspection results (per inspection lot) report

							-			<u> </u>							
Lot	Casting lo	ocation		sting late	Concrete type	Chloride content (kg/ m <sup>3</sup> )	Slump (cm)	Concrete temperatur e (°C)	Design standard strength (N⁄mm <sup>2</sup> )	nominal strength (Formulation control strength)	Pass/Fail	st s'	dgment tandard trength N∕mm²)	Pass/Fail	Material Age (day)	Compressive strength ③(N∕mm²)	Testing company name (Registration number)
No.	Casting volu	ume(m³)	Weather	Temperature (°C)	Cement type	Measuring instrument	Air volume (%)	Sample curing method	Quality standard strength (N⁄mm <sup>2</sup> )	Compressive strength ①(N∕mm2)	judgement	Material age	Compressive strength ②(N⁄mm²)	judgement	Material Age (day)	Compressive strength ④(N∕mm²)	Concrete factory
	Pile/Foundat /Undergroun /Super stru Floor	nd beam icture $\sim$			Regular / Light 1 / Light 2						_						
					N•H()												
	Pile/Foundat /Undergroun /Super stru Floor	nd beam icture $\sim$			Regular / Light 1 / Light 2												
					м∙н()												
	Pile/Foundat /Undergroun /Super stru Floor	nd beam icture $\sim$			Regular / Light 1 / Light 2								1				
					N•H ( )						1						
	sting	Casting volume		e (m3)	Number of testing's			number of ng (No. )	Change reason		<u> </u>	<u> </u>			<u> </u>		
	rmation able	Plan	Impler	mentation	Plan	Implementatio	n Plan	Implementation									
	otal)																

#### 1 Compressive strength

Acceptance inspection (standard curing sample) = Inspection of concrete to be used

②Sample for supporting removal timing (On-site watering curing sample)

③Inspection of structural concrete (On-site watering curing) 、On-site sealing cure、Core or standard cured specimen)

(4)Specimen for determining prestress introduction timing (on-site under water curing specimen)

# Construction management situation report for reinforcing bar and concrete construction

Main instructions for construction designer inspections, etc. • Indications and correction method.

Reinforcing bar joint (If you are not Structural concrete (If you are not the contractor, enter the the contractor, enter the name of the name of the company) company) Person who Air/slump test performed work Test piece Transport to Transport to Concrete collection /Test piece involved with testing laboratory collection testing laboratory production testing and Construction Construction Construction Construction Construction inspection contractor contractor contractor contractor contractor

## Confirmation of results based on the construction plan

	C	onfirmation of Strength							
Concrete constructi		Cover thickness control							
Concrete construction	Cu	ring method and casting defect inspection							
		Joint type	Gas press jo	s welding int	Mechani	cal joint	Weldin	g joint	Lap joint (Other)
		Location to used							
		Joint method name (Welding material)							
Reinforcing	Construction work	Joint work company Name (Superior gas welding company)							
		SA class joint			Have/H	laven't			
		A class joint	Have/H	laven't	Have/H	laven't	Have/H	laven't	
bar construction			A class	Other	SA, A class	Other	A class	Other	
onstru		Confirmation of skills and pre construction test							
ction		Using a cold square cutter							
	Te	Visual inspection (%)							
	sting/I	Tensile test only (Location∕Lot)							
	Testing/Inspection	Ultrasonic flaw detection /Measurement inspection (location/lot or %)							
	ر	Combine with tensile test							

Ten nan	nsile testing company me			Registratio	on No.	
-	me of non-destructive pection agency	Ins	pector	License	Registration N	No.
	pearance inspection erator	Construction management/Cor	nstruction con	tractor/Inspectic License	n company Registration N	No.

### Troubleshooting method

[	
Concrete construction	
Rebar construction	
Retaining wall construction	
Temporary construction	
Other	

### Confirmation item report of foundation reinforcing bar

Ра	rt to be inspected	(circle with $\circ$ )	Foundation constr	ruction				
Co	onfirmation item		Confirmation contents	Construction contractor Confirmation method	Construction designer Confirmation method			
		a) Column, bea	m, wall, slab location confirmation					
() Whole	Common	b) Ensuring cov	er thickness					
hole	Common	c) Rebar materi	c) Rebar material quality (JIS standard) confirmation					
		d) Concrete ma	terial quality (JIS standard) confirmation					
	Su (Desc th (tria m	a) Confirmation of the suppo	of the position, type, bearing capacity, etc. orting ground					
	Supporting ground (Describe each the test pile (trial) and the main pile.)	b) Confirmation	of position and type of supporting ground	Test				
	ing d pile the e.)	for piles (inc	luding load test)	Main				
			1ethod、Length、Diameter、Location、Pile	Test				
			ent、joint、Main bar diameter・Quantity、 rmation of reinforcement due to eccentricity	Main				
			erial、Method、Length、Diameter、	Test				
			e head treatment、Joint、Confirmation of t due to eccentricity	Main				
Sround/Foundation	Pile type, Reinforcing (About Testing pile		le material、Method、Length、Diameter、	Test				
nd/Four		Location、Pile heat treatment、Joint、Confirmation of reinforcement due to eccentricity		Main				
ndation		Diameter、 Lo	tinuous wall material、Method、Length、 ocation、Joint、Reinforcing steel、 of reinforcement due to eccentricity					
	bar ar and m		for evaluation method, etc.、Method、 neter、Location、Pile head treatment、	Test				
	arrangement main pile)		bar diameter • Quantity、cover、Confirmation ment due to eccentricity	Main				
	ent ?)	f) Mator	ion during niling construction	Test				
		f) Water condit	ion during piling construction	Main				
		necessity of	tatus (within construction error tolerance, reinforcement, change procedure not uired/completed)					
		-	of ground improvement materials, n methods, diameters, lengths, positions, cc.					

#### arrangement

i)         Confirmation of ground anchor direction, material, construction method, yield strength, etc.         a)           a)         Confirmation of raft foundation type, member dimensions, main reinforcement diameter, number, position, pitch, anchorage, etc.         b)           b)         Confirmation of continuous foundation type, member dimensions, main reinforcement diameter, number, position, pitch, anchorage, etc.         c)           c)         Confirmation of independent foundation type, member dimensions, main reinforcement diameter, number, position, pitch, anchorage, etc.         c)           Underground beam section dimensions, Main bar diameter, Quantity, Location, Setting method, Joint (Location, Length), Posotion of stirrup bars, Diameter, Space, Shape, Reinforcement (Confirmation of concrete confirmation at each vice the see plate thickness, Hole diameter, Edge distance etc.           Column Pedestal         b)         Root wrap type Height of root wrap, RC column main bar is no shape, String Embedded type Depth of embedded part, reinforcing bars of corner posts, cover thickness of steel farme           Bottom floor         Confirmation of setting of the main bar at foundation of bottom floor           Bottom floor         Confirmation of setting of the main bar at foundation of bottom floor           Bottom floor         Confirmation of reinforcing bar arrangement by the size of the additional part           Bottom floor
a)         Confirmation of raft foundation type, member dimensions, main reinforcement diameter, number, position, pitch, anchorage, etc.         b)           b)         Confirmation of continuous foundation type, member dimensions, main reinforcement diameter, number, position, pitch, anchorage, etc.         c)           Underground beam         Underground beam section dimensions, Main bar diameter, Quantity, Location, Setting method, Joint (Location, Length), Position of sitrup bars, Diameter, Space, Shape, Beam         Confirmation of product grade specifications) confirmation           Mass concrete         Casting plan, Concrete temperature, Temperature, Curing, Confirmation of concrete condition, Repair, etc.           a)         Exposed column base Anchor bolts arrangement. Setting Length, Shape, cross-sectional area, Nut detent, Base plate thickness, Hole diameter, Edge distance etc.           b)         Root wrap type Height of root wrap, RC column main bar, Shape, Stirup Embedded type Depth of embedded part, reinforcing bars of corner posts, cover thickness of steel frame           a)         Column dimension, Main bar diameter, Number of bars, arrangement (director), Confirmation of main bar           Bottom floor         Confirmation of setting of the main bar at foundation of bars, arrangement (director), Confirmation           b)         Confirmation of setting of the main bar at foundation of bars, arrangement directoridity           b)         Double bar position and length confirmation for the additional part           c)         Confirmation of reinforcing bar arrangement by the size of the
Image: Processing and the second se
Image: Communication of independent contraction cyte, include <ul> <li>Commination of independent contraction cyte, include</li> <li>position, pitch, anchorage, etc.</li> <li>Underground Beam section dimensions, Main bar diameter, position of stirrup bars, Diameter, Space, Shape, Reinforcement of eccentricity, Through hole location and reinforcement of contrint, the position of product grade specifications) confirmation</li> </ul> <li>Mass correte</li> <li>Casting plan, Concrete temperature, Temperature, Curing, Confirmation of concrete condition, Repair, etc.</li> <li>a) Exposed column base Anchor bolts arrangement, Setting Length, Shape, cross-sectional area, Nut detent, Base plate thickness, Hole diameter, Edge distance etc.</li> <li>b) Root wrap type Height of root wrap, RC column main bar, Shape, Stirrup Embedded type Depth of embedded part, reinforcing bars of corner posts, cover thickness of steel frame</li> <li>a) Column dimension, Main bar diameter, Number of bars, arrangement (director), Confirmation of reinforcement due to eccentricity</li> <li>b) Double bar position (space) confirmation</li> <li>b) Double bar position (space) confirmation</li> <li>b) Confirmation of setting of the main bar at foundation of bottom floor</li> <li>a) Main bar joint position and length confirmation</li> <li>b) Confirmation of reinforcing bar arrangement by the size of the additional part</li> <li>a) Rebar diameter, space, Number of bars (Also stripe rebar) and shape confirmation</li> <li>b) Main bar tie part, bend part stripe bar confirmation</li> <li>c) Confirmation of reinforcing bar arrangement by the size of the additional part</li> <li>a) Rebar diameter, space, Number of bars (Also stripe rebar) and shape confirmation (Reference: Reinforce</li>
Image: Communication of independent contraction cyte, include <ul> <li>Commination of independent contraction cyte, include</li> <li>position, pitch, anchorage, etc.</li> <li>Underground Beam section dimensions, Main bar diameter, position of stirrup bars, Diameter, Space, Shape, Reinforcement of eccentricity, Through hole location and reinforcement of contrint, the position of product grade specifications) confirmation</li> </ul> <li>Mass correte</li> <li>Casting plan, Concrete temperature, Temperature, Curing, Confirmation of concrete condition, Repair, etc.</li> <li>a) Exposed column base Anchor bolts arrangement, Setting Length, Shape, cross-sectional area, Nut detent, Base plate thickness, Hole diameter, Edge distance etc.</li> <li>b) Root wrap type Height of root wrap, RC column main bar, Shape, Stirrup Embedded type Depth of embedded part, reinforcing bars of corner posts, cover thickness of steel frame</li> <li>a) Column dimension, Main bar diameter, Number of bars, arrangement (director), Confirmation of reinforcement due to eccentricity</li> <li>b) Double bar position (space) confirmation</li> <li>b) Double bar position (space) confirmation</li> <li>b) Confirmation of setting of the main bar at foundation of bottom floor</li> <li>a) Main bar joint position and length confirmation</li> <li>b) Confirmation of reinforcing bar arrangement by the size of the additional part</li> <li>a) Rebar diameter, space, Number of bars (Also stripe rebar) and shape confirmation</li> <li>b) Main bar tie part, bend part stripe bar confirmation</li> <li>c) Confirmation of reinforcing bar arrangement by the size of the additional part</li> <li>a) Rebar diameter, space, Number of bars (Also stripe rebar) and shape confirmation (Reference: Reinforce</li>
Image: String of the second
Image: Status         Commination of independent contraction type, member position, pitch, anchorage, etc.           Underground beam         Underground beam section dimensions, Main bar diameter, position, Setting method, Joint (Location, Length), Position of stirrup bars, Diameter, Space, Shape, Reinforcement of eccentricity, Through hole location and reinforcement (Confirmation of product grade specifications) confirmation           Mass concrete         Casting plan, Concrete temperature, Temperature, Curing, Confirmation of concrete condition, Repair, etc.           Outman         a)         Exposed column base Anchor bolts arrangement, Setting Length, Shape, cross-sectional area, Nut detent, Base plate thickness, Hole diameter, Edge distance etc.           b)         Rot wrap type Height of root wrap, RC column main bar, Shape, Stirrup Embedded type Depth of embedded part, reinforcing bars of corner posts, cover thickness of steel frame           a)         Column dimension, Main bar diameter, Number of bars, arrangement (director), Confirmation of reinforcement due to eccentricity           b)         Double bar position (space) confirmation           b)         Confirmation of setting of the main bar at foundation of bottom floor           a)         Main bar joint position and length confirmation           b)         Confirmation of reinforcing bar arrangement by the size of the additional part           a)         Rebar diameter, space, Number of bars (Also stripe rebar) and shape confirmation           b)         Main bar tie part, bend part stripe bar confirmation (Reference: Rein
Image: Setting Joint         position, pitch, anchorage, etc.           Underground beam section dimensions. Main bar diameter, Quantity, Location, Setting method, Joint (Location, Length), Position of stirrup bars, Diameter, Space, Shape, Reinforcement of eccentricity. Through hole location and reinforcement (Confirmation of product grade specifications) confirmation           Mass concrete         Casting plan, Concrete temperature, Temperature, Curing, Confirmation of concrete condition, Repair, etc.           Column Pedestal         a) Exposed column base Anchor bolts arrangement, Setting Length, Shape, cross-sectional area, Nut detent, Base plate thickness, Hole diameter, Edge distance etc.           b) Root wrap type Height of root wrap, RC column main bar, Shape, Stirrup Embedded type Depth of embedded part, reinforcing bars of corner posts, cover thickness of steel frame           a) Column dimension, Main bar diameter, Number of bars, arrangement (director), Confirmation of bottom floor main bar           Bottom floor main bar         Confirmation of setting of the main bar at foundation of bottom floor bottom floor is bottom floor is position and length confirmation           Setting/Joint         a) Rebar diameter, space, Number of bars, alsape confirmation           b) Confirmation of reinforcing bar arrangement by the size of the additional part           a) Rebar diameter, space, Number of bars (Also stripe rebar) and shape confirmation           b) Main bar tie part, bend part stripe bar confirmation           b) Confirmation of reinforcing bar arrangement of intersection part           c) Confirmation of stripe bar arrange
Underground beam section dimensions, Main bar diameter, Quantity, Location, Setting method, Joint (Location, Length), Position of stirrup bars, Diameter, Space, Shape, Reinforcement of eccentricity, Through hole location and reinforcement (Confirmation of product grade specifications) confirmation           Mass         Casting plan, Concrete temperature, Temperature, Curing, Confirmation of concrete condition, Repair, etc.         a)           Mass         Casting plan, Concrete temperature, Temperature, Setting Length, Shape, cross-sectional area, Nut detent, Base plate thickness, Hole diameter, Edge distance etc.         b)           Column Pedestal         b) Root wrap type Height of root wrap, RC column main bar, Shape, Stirrup Embedded type Depth of embedded part, reinforcing bars of corner posts, cover thickness of steel frame         a)           General floor main bar         a)         Column dimension, Main bar diameter, Number of bars, arrangement (director), Confirmation of reinforcement due to eccentricity         b)           b)         Double bar position (space) confirmation         confirmation of bottom floor           Bottom floor         a)         Main bar joint position and length confirmation           Setting/Joint         b)         Confirmation of reinforcing bar arrangement by the size of the additional part           stirrup         c)         Confirmation of stripe bar confirmation           b)         Contrimation of stripe bar arrangement dividelines [Column bar tip position and time thod], etc.)           c)         Confirmation of s
Underground beam         Quantify, Location, Setting method, Joint (Location, Length), Position of stirrup bars, Diameter, Space, Shape, Reinforcement of eccentricity, Through hole location and reinforcement of eccentricity, Through hole location and reinforcement (Confirmation of product grade specifications) confirmation           Mass concrete         Casting plan, Concrete temperature, Temperature, Curing, Confirmation of concrete condition, Repair, etc.           a)         Exposed column base Anchor bolts arrangement, Setting Length, Shape, cross-sectional area, Nut detent, Base plate thickness, Hole diameter, Edge distance etc.           b)         Root wrap type Height of root wrap, RC column main bar, Shape, Stirrup Embedded type Depth of embedded part, reinforcing bars of corner posts, cover thickness of steel frame           d         Column dimension, Main bar diameter, Number of bars, arrangement (director), Confirmation of reinforcement due to eccentricity           b)         Double bar position (space) confirmation           Bottom floor main bar         Confirmation of setting of the main bar at foundation of bottom floor           setting/Joint         a)         Main bar joint position and length confirmation           b)         Confirmation of reinforcing bar arrangement by the size of the additional part           a)         Rebar diameter, space, Number of bars (Also stripe rebar) and shape confirmation (Reference: Reinforcement Arrangement Guidelines [Column bar tie part, bend part stripe bar confirmation part           b)         Main bar tie part, bend part stripe bar confirmation part <td< td=""></td<>
Beam         Reinforcement of eccentricity, Through hole location and reinforcement (Confirmation of product grade specifications) confirmation           Mass concrete         Casting plan, Concrete temperature, Temperature, Curing, Confirmation of concrete condition, Repair, etc.           Column Pedestal         a)         Exposed column base Anchor bolts arrangement, Setting Length, Shape, cross-sectional area, Nut detent, Base plate thickness, Hole diameter, Edge distance etc.           D         Root wrap type Height of root wrap, RC column main bar, Shape, Stirrup Embedded type Depth of embedded part, reinforcing bars of corner posts, cover thickness of steel frame           General floor main bar         a)         Column dimension, Main bar diameter, Number of bars, arrangement (director), Confirmation of reinforcement due to eccentricity           Bottom floor main bar         Confirmation of setting of the main bar at foundation of bottom floor         Confirmation of setting of the main bar at foundation of bottom floor           Setting/Joint         a)         Rebart diameter, space, Number of bars (Also stripe rebar) and shape confirmation         b)           Setting/Loint         a)         Rehore part, pace, Number of bars (Also stripe rebar) and shape confirmation         confirmation of setting bar arrangement by the size of the additional part           Bottom floor         a)         Rebart diameter, space, Number of bars (Also stripe rebar) and shape confirmation         confirmation (Reference: Reinforcement Arrangement Guidelines [Column bar tie part, bend part stripe bar confirmation [Reference: Reinf
Image: Setting/Joint         reinforcement (Confirmation of product grade specifications) confirmation           Mass concrete         Casting plan, Concrete temperature, Temperature, Curing, Confirmation of concrete condition, Repair, etc.
Mass concrete         Confirmation           Mass concrete         Casting plan, Concrete temperature, Temperature, Curing, Confirmation of concrete condition, Repair, etc.   Column Pedestal   <
Mass concrete         Casting plan, Concrete temperature, Temperature, Curing, Confirmation of concrete condition, Repair, etc.         a)           Report         a)         Exposed column base Anchor bolts arrangement, Setting Length, Shape, cross-sectional area, Nut detent, Base plate thickness, Hole diameter, Edge distance etc.         b)           b)         Root wrap type Height of root wrap, RC column main bar , Shape, Stirrup Embedded type Depth of embedded part, reinforcing bars of corner posts, cover thickness of steel frame         a)           a)         Column dimension, Main bar diameter, Number of bars, arrangement (director), Confirmation of reinforcement due to eccentricity         b)           b)         Double bar position (space) confirmation         confirmation of bottom floor           Bottom floor main bar         Confirmation of setting of the main bar at foundation of bottom floor         confirmation of reinforcing bar arrangement by the size of the additional part           Setting/Joint         b)         Confirmation of reinforcing bar arrangement by the size of the additional part         a)           Stirrup         Stirrup         c)         Confirmation of stripe bar confirmation (Reference: Reinforcement Arrangement Guidelines [Column bar tie position and tie method], etc.)         c)           Confirmition of stripe bar arrangement of intersection part         c)         confirmation of stripe bar arrangement of intersection part
concrete         Confirmation of concrete condition, Repair, etc.           a)         Exposed column base Anchor bolts arrangement, Setting Length, Shape, cross-sectional area, Nut detent, Base plate thickness, Hole diameter, Edge distance etc.           b)         Root wrap type Height of root wrap, RC column main bar , Shape, Stirrup Embedded type Depth of embedded part, reinforcing bars of corner posts, cover thickness of steel frame           a)         Column dimension, Main bar diameter, Number of bars, arrangement (director), Confirmation of reinforcement due to eccentricity           b)         Double bar position (space) confirmation           Bottom floor main bar         Confirmation of setting of the main bar at foundation of bottom floor           Setting/Joint         b)         Confirmation of reinforcing bar arrangement by the size of the additional part           a)         Rebar diameter, space, Number of bars (Also stripe rebar) and shape confirmation           b)         Confirmation of reinforcing bar arrangement by the size of the additional part           a)         Rebar diameter, space, Number of bars (Also stripe rebar) and shape confirmation (Reference: Reinforcement Arrangement Guidelines [Column bar tie position and tie method], etc.)           c)         Confirmition of stripe bar arrangement of intersection part           d)         Confirmition of stripe bar arrangement of intersection part
Column Pedestal         Length, Shape, cross-sectional area, Nut detent, Base plate thickness, Hole diameter, Edge distance etc.           b)         Root wrap type Height of root wrap, RC column main bar, Shape, Stirrup Embedded type Depth of embedded part, reinforcing bars of corner posts, cover thickness of steel frame           a)         Column dimension, Main bar diameter, Number of bars, arrangement (director), Confirmation of reinforcement due to eccentricity           b)         Double bar position (space) confirmation           Bottom floor main bar         Column dimension, Main bar at foundation of bottom floor           Bottom floor main bar         Confirmation of setting of the main bar at foundation of bottom floor           Setting/Joint         a)         Main bar joint position and length confirmation           b)         Confirmation of reinforcing bar arrangement by the size of the additional part           a)         Rebar diameter, space, Number of bars (Also stripe rebar) and shape confirmation           b)         Main bar tie part, bend part stripe bar confirmation (Reference: Reinforcement Arrangement Guidelines [Column bar tie position and tie method], etc.)           c)         Confirmation of stripe bar arrangement of intersection part           d)         Confirming the position of the first stirrup and the binding stirrup of the capital of column.
Column Pedestal         plate thickness, Hole diameter, Edge distance etc.           b)         Root wrap type Height of root wrap, RC column main bar, Shape, Stirrup Embedded type Depth of embedded part, reinforcing bars of corner posts, cover thickness of steel frame           General floor main bar         a)         Column dimension, Main bar diameter, Number of bars, arrangement (director), Confirmation of relinforcement due to eccentricity           b)         Double bar position (space) confirmation         Confirmation of bottom floor           Bottom floor main bar         Confirmation of setting of the main bar at foundation of bottom floor         Confirmation of reinforcing bar arrangement by the size of the additional part           a)         Main bar joint position and length confirmation         b)           b)         Confirmation of reinforcing bar arrangement by the size of the additional part         a)           a)         Rebar diameter, space, Number of bars (Also stripe rebar) and shape confirmation)         (Also stripe rebar) and shape confirmation (Reference: Reinforcement Arrangement Guidelines [Column bar tie position and tie method], etc.)           c)         Confirmation of stripe bar arrangement of intersection part         c)           d)         Confirming the position of the first stirrup and the binding stirrup of the capital of column.         c)
Column Pedestal       b)       Root wrap type Height of root wrap, RC column main bar, Shape, Stirrup Embedded type Depth of embedded part, reinforcing bars of corner posts, cover thickness of steel frame         a)       Column dimension, Main bar diameter, Number of bars, arrangement (director), Confirmation of reinforcement due to eccentricity         b)       Double bar position (space) confirmation         Bottom floor main bar       Confirmation of setting of the main bar at foundation of bottom floor         Setting/Joint       a)       Main bar joint position and length confirmation         b)       Confirmation of reinforcing bar arrangement by the size of the additional part         a)       Rebar diameter, space, Number of bars (Also stripe rebar) and shape confirmation)         b)       Main bar tie part, bend part stripe bar confirmation (Reference: Reinforcement Arrangement Guidelines [Column bar tie position and tie method], etc.)         c)       Confirmation of stripe bar arrangement of intersection part         d)       Confirming the position of the first stirrup and the binding stirrup of the capital of column.
Pedestal       b) Root wrap type Height of root wrap, RC column main bar, Shape, Stirrup Embedded type Depth of embedded part, reinforcing bars of corner posts, cover thickness of steel frame         General floor main bar       a) Column dimension, Main bar diameter, Number of bars, arrangement (director), Confirmation of reinforcement due to eccentricity         Bottom floor main bar       b) Double bar position (space) confirmation         Bottom floor main bar       Confirmation of setting of the main bar at foundation of bottom floor         Setting/Joint       a) Main bar joint position and length confirmation         b) Confirmation of reinforcing bar arrangement by the size of the additional part       a) Rebar diameter, space, Number of bars (Also stripe rebar) and shape confirmation)         b) Main bar tie part, bend part stripe bar confirmation       b) Main bar tie position and tie method」, etc.)         c) Confirmation of stripe bar arrangement Guidelines       [Column bar tie position and tie method], etc.)         c) Confirmation of stripe bar arrangement of intersection part       d) Confirming the position of the first stirrup and the binding stirrup of the capital of column.
3000       bar, Shape, Stirrup Embedded type Depth of embedded part, reinforcing bars of corner posts, cover thickness of steel frame         a)       Column dimension, Main bar diameter, Number of bars, arrangement (director), Confirmation of reinforcement due to eccentricity         b)       Double bar position (space) confirmation         Bottom floor main bar       Confirmation of setting of the main bar at foundation of bottom floor         Setting/Joint       a)         Main bar joint position and length confirmation         b)       Confirmation of reinforcing bar arrangement by the size of the additional part         a)       Rebar diameter, space, Number of bars (Also stripe rebar) and shape confirmation)         b)       Main bar tie part, bend part stripe bar confirmation (Reference: Reinforcement Arrangement Guidelines Column bar tie position and tie method], etc.)         Cioumn bar tie position of stripe bar arrangement of intersection part       c)         d)       Confirmation of stripe bar arrangement of intersection part
General floor main bar         a) Column dimension, Main bar diameter, Number of bars, arrangement (director), Confirmation of reinforcement due to eccentricity           Bottom floor main bar         b) Double bar position (space) confirmation         confirmation of bottom floor           Bottom floor main bar         confirmation of setting of the main bar at foundation of bottom floor         a) Main bar joint position and length confirmation           Setting/Joint         b) Confirmation of reinforcing bar arrangement by the size of the additional part         a) Rebar diameter, space, Number of bars (Also stripe rebar) and shape confirmation)           b) Main bar tie part, bend part stripe bar confirmation (Reference: Reinforcement Arrangement Guidelines [Column bar tie position and tie method], etc.)         c) Confirmation of stripe bar arrangement of intersection part           d) Confirming the position of the first stirrup and the binding stirrup of the capital of column.         d) confirming the position of the first stirrup and the
General floor main bar         a)         Column dimension, Main bar diameter, Number of bars, arrangement (director), Confirmation of reinforcement due to eccentricity           Bottom floor main bar         b)         Double bar position (space) confirmation            Bottom floor main bar         Confirmation of setting of the main bar at foundation of bottom floor            Setting/Joint         a)         Main bar joint position and length confirmation            b)         Confirmation of reinforcing bar arrangement by the size of the additional part             a)         Rebar diameter, space, Number of bars (Also stripe rebar) and shape confirmation)             b)         Main bar tie part, bend part stripe bar confirmation (Reference: Reinforcement Arrangement Guidelines [Column bar tie position and tie method], etc.)             c)         Confirmation of stripe bar arrangement of intersection part             d)         Confirming the position of the first stirrup and the binding stirrup of the capital of column.
General floor main bar         bars, arrangement (director), Confirmation of reinforcement due to eccentricity           Bottom floor main bar         b) Double bar position (space) confirmation            Bottom floor main bar         Confirmation of setting of the main bar at foundation of bottom floor            Setting/Joint         a) Main bar joint position and length confirmation            b) Confirmation of reinforcing bar arrangement by the size of the additional part            a) Rebar diameter, space, Number of bars (Also stripe rebar) and shape confirmation)            b) Main bar tie part, bend part stripe bar confirmation (Reference: Reinforcement Arrangement Guidelines [Column bar tie position and tie method], etc.)            c) Confirmation of stripe bar arrangement of intersection part            d) Confirming the position of the first stirrup and the binding stirrup of the capital of column.
main bar       reinforcement due to eccentricity         b)       Double bar position (space) confirmation         Bottom floor main bar       Confirmation of setting of the main bar at foundation of bottom floor         3       Main bar joint position and length confirmation         b)       Confirmation of reinforcing bar arrangement by the size of the additional part         a)       Rebar diameter, space, Number of bars (Also stripe rebar) and shape confirmation         b)       Main bar tie part, bend part stripe bar confirmation (Reference: Reinforcement Arrangement Guidelines [Column bar tie position and tie method], etc.)         c)       Confirmation of stripe bar arrangement of intersection part         d)       Confirming the position of the first stirrup and the binding stirrup of the capital of column.
Bottom floor main bar       b) Double bar position (space) confirmation       in the main bar at foundation of bottom floor         Setting/Joint       a) Main bar joint position and length confirmation       in the main bar at foundation of bottom floor         Setting/Joint       b) Confirmation of reinforcing bar arrangement by the size of the additional part       in the main bar at foundation         Bottom floor       a) Main bar joint position and length confirmation       in the main bar at foundation of the size of the additional part         Bottom floor       a) Rebar diameter, space, Number of bars (Also stripe rebar) and shape confirmation)       in the part, bend part stripe bar confirmation (Reference: Reinforcement Arrangement Guidelines for Column bar tie position and tie method j, etc.)         Stirrup       c) Confirmation of stripe bar arrangement of intersection part         d) Confirming the position of the first stirrup and the binding stirrup of the capital of column.
Bottom floor main bar         Confirmation of setting of the main bar at foundation of bottom floor           30         Amin bar joint position and length confirmation           Setting/Joint         a)         Main bar joint position and length confirmation           b)         Confirmation of reinforcing bar arrangement by the size of the additional part         a)           a)         Rebar diameter, space, Number of bars (Also stripe rebar) and shape confirmation)         b)           b)         Main bar tie part, bend part stripe bar confirmation (Reference: Reinforcement Arrangement Guidelines Column bar tie position and tie method j, etc.)         c)           c)         Confirmation of stripe bar arrangement of intersection part         d)           d)         Confirmation of the first stirrup and the binding stirrup of the capital of column.         b)
main bar         bottom floor           Setting/Joint         a) Main bar joint position and length confirmation            b) Confirmation of reinforcing bar arrangement by the size of the additional part             a) Rebar diameter, space, Number of bars (Also stripe rebar) and shape confirmation)             b) Main bar tie part, bend part stripe bar confirmation (Reference: Reinforcement Arrangement Guidelines 「Column bar tie position and tie method」, etc.)             c) Confirmation of stripe bar arrangement of intersection part              d) Confirming the position of the first stirrup and the binding stirrup of the capital of column.
3       a) Main bar joint position and length confirmation       a)         b) Confirmation of reinforcing bar arrangement by the size of the additional part       b)         a) Rebar diameter, space, Number of bars (Also stripe rebar) and shape confirmation)       b)         b) Main bar tie part, bend part stripe bar confirmation (Reference: Reinforcement Arrangement Guidelines 「Column bar tie position and tie method」, etc.)       c)         c) Confirmation of stripe bar arrangement of intersection part       d)         d) Confirming the position of the first stirrup and the binding stirrup of the capital of column.       b)
Setting/Joint       b) Confirmation of reinforcing bar arrangement by the size of the additional part         a) Rebar diameter, space, Number of bars (Also stripe rebar) and shape confirmation)         b) Main bar tie part, bend part stripe bar confirmation (Reference: Reinforcement Arrangement Guidelines Column bar tie position and tie method ], etc.)         c) Confirmation of stripe bar arrangement of intersection part         d) Confirming the position of the first stirrup and the binding stirrup of the capital of column.
3       0       of the additional part         a)       Rebar diameter, space, Number of bars (Also stripe rebar) and shape confirmation)         b)       Main bar tie part, bend part stripe bar confirmation (Reference: Reinforcement Arrangement Guidelines [Column bar tie position and tie method], etc.)         c)       Confirmation of stripe bar arrangement of intersection part         d)       Confirming the position of the first stirrup and the binding stirrup of the capital of column.
Stirrup       of the additional part         a)       Rebar diameter、 space、 Number of bars (Also stripe rebar) and shape confirmation)         b)       Main bar tie part、 bend part stripe bar confirmation (Reference: Reinforcement Arrangement Guidelines [Column bar tie position and tie method], etc.)         c)       Confirmation of stripe bar arrangement of intersection part         d)       Confirming the position of the first stirrup and the binding stirrup of the capital of column.
b) Main bar tie part, bend part stripe bar confirmation (Reference: Reinforcement Arrangement Guidelines Column bar tie position and tie method], etc.)         c) Confirmation of stripe bar arrangement of intersection part         d) Confirming the position of the first stirrup and the binding stirrup of the capital of column.
b) Main bar tie part, bend part stripe bar confirmation (Reference: Reinforcement Arrangement Guidelines Column bar tie position and tie method], etc.)         c) Confirmation of stripe bar arrangement of intersection part         d) Confirming the position of the first stirrup and the binding stirrup of the capital of column.
Stirrup       (Reference: Reinforcement Arrangement Guidelines         Column bar tie position and tie method j, etc.)         c)       Confirmation of stripe bar arrangement of intersection part         d)       Confirming the position of the first stirrup and the binding stirrup of the capital of column.
Stirrup <sup>「</sup> Column bar tie position and tie method」, etc.)          c)       Confirmation of stripe bar arrangement of intersection part          d)       Confirming the position of the first stirrup and the binding stirrup of the capital of column.
Stirrup       c) Confirmation of stripe bar arrangement of intersection part         d) Confirming the position of the first stirrup and the binding stirrup of the capital of column.
part         d) Confirming the position of the first stirrup and the binding stirrup of the capital of column.
binding stirrup of the capital of column.
e) Confirming of welding shape of stirrup hook and union.
a) Beam section dimension, Beam main bar diameter,
Beam main bar Number of bar and position confirmation
b) Securing the spacing of the middle suspension rebars an
d checking the length.
a) Beam rebar setting length, position confirmation
Setting/Joint b) Lap joint position and length confirmation
င) Confirmation of hooks on the ends of reinforcing bars at
Extra size, reinforcement ls the reinforcement method of extra size appropriate or
of through-
I rainforcement (Confirming of product according chariters)
holes reinforcement (Confirming of product assessing specifications).
holes     reinforcement (Confirming of product assessing specifications).       Stirrup bars     a) Stirrup bars diameter, Number of bars (secondary

		b) Stirrup bar hooks shape, cohesion confirmation
	Cantilever beam	Cantilever beam main bars setting, stirrup bars position
	Small beam	confirmation Small beam arrangement position and setting confirmation
	Sillali Dealli	a) Support conditions for slab thickness, dimension, rebar
	Slab bars	pitch and diameter confirmation
		b) Main bar arrangement (short side/long side and bent
		rebar arrangement) confirmation. a) Setting and length and (beam setting, adjacent slab,
	Setting, lap	different level slab setting)
ശ്Slab	joint	b) Fixing the cantilever slab and securing the position of
ď		the upper end rebar (with or without end point wall) c) Joint position and length
		a) Reinforcement of out and in corners of floor slabs
	Reinforcement	b) Hole opening part reinforcement bars confirmation
	rebars	c) Stair part rebar arrangement and reinforcement rebar
		confirmation
	Wall rebars	Wall thickness, Rebar diameter, pitch, position (earth pressure wall main bars/stair support bars) confirmation
6		a) Sitting confirmation (beam, column, slab, wall setting)
ଭwall	Setting/lap joint	b) Lap joint position and length confirmation
=	Reinforcement	a) Hole opening reinforcement bars confirmation
	bar	b) Slit (completely, part) position, shape and rebars
	Escility piping	arrangement confirmation
	Facility piping	Facility piping (CD pipe) arrangement confirmation         a) Welding part length and bulge diameter, Welding surface
		misalignment, Confirmation of eccentricity of rebar
	Gas pressure welding joint	central welding axis         b) Welding part inspection (tensile test, Ultrasonic testing,
	weiding joint	b) Welding part inspection (tensile test, Ultrasonic testing, etc.) Inspection location, inspection rate, passing rate
		confirmation
	Special	<ul> <li>a) Certification, confirmation of the specifications of the evaluation method and joint performance</li> </ul>
	rebars joint	b) Certification、Confirmation of mortar, grout material or
		torque for non-rated product.
	Con	a) Formwork and supporting tightening, clean situation confirmation
	Confirmation c and existing	b) Defected concrete treatment, removal and repair of
	atior xistir	wooden pieces such as formwork c) Foundation, column, beam, floor board, wall structure
$\overline{\mathcal{O}}$	<sup>04</sup> O	dimension confirmation
() Other	ıf formwor placement	d) Confirmation of supporting retention period of formwork
er	formwork lacement	e) After concrete casting curing
	rk t	f) Concrete mixing and confirmation of compressive strength
	EXP.J confirmation	Position and space confirmation
	PCa	a) Concrete mixing and compressive strength confirmation
		<ul><li>b) Rebar arrangement confirmation</li><li>c) Cover thickness confirmation</li></ul>
	quality confirm	d) Dimensional accuracy confirmation
	/ nat	<ul><li>e) Confirmation of joining and tightening, etc.</li><li>f) Product inspection result (Dimensional accuracy, casting</li></ul>
	strength	defect, etc.)
	ngth	g) Have or haven't of structural part detrimental cracks and
		other defects after built

	a)	Prestressed concrete setting method confirmation, mortar	
Prestressed		strength of crimping surface	
concrete setting	b)	Confirmation of tension material strength of prestressed	
and materials		concrete	
confirmation	c)	Confirmation of PC strength when production prestress	
	d)	Confirmation of prestress production tension	

#### (Caution): Confirmation method

- A : Visually confirmation at the construction site
- ${\bf B}$  : Measure inspection by using inspection equipment at the construction site
- C : Confirmation by report
- D : Measure inspection by using inspection equipment at the factory and result confirmed by the construction management and construction contractor
- E : Measure inspection by using inspection equipment by a third-party organization and result confirmed by construction management or construction contractor
- F : Construction management (Structure responder : Company name \_\_\_\_\_\_ Person in charge name \_\_\_\_\_\_) directly confirmed

• The construction management and construction contractor fill in confirmation method from A to F as a reference. In addition, for important items such as rebar arrangement work, fill in [+F] (example: A+F, B+F, C+F) for items directly confirmed by person in charge of structure who are in list of construction management organization chart.

### Reinforcement concrete structure

## confirmation items report

Confirmation item		Confirmation contents	Construction contractor	Construction management
			Confirmation method	Confirmation method
1 Whole	Common	a) Column, beam, wall, slab location confirmation		
		b) Ensuring cover thickness		
		c) Rebar material quality confirmation		
		d) Concrete material quality confirmation		
OGround/Foundation	Ground supporting (Describe each of the test pile and the main pile)	Ground supporting location, type, soil bearing capacity confirmation		
	Foundation/ pile type, rebar arrangement (Describe each the test pile and the main pile)	Foundation type, pile construction method, length, diameter, location, pile head treatment, confirmation of reinforcement due to eccentricity, base dimensions, main bar diameter, quantity, position, setting confirmation		
	Underground beam	Underground beam section dimension, main bar diameter, quantity, position, setting method, joint (position, length), stirrup bars position, diameter, space, shape, confirmation of reinforcement due to eccentricity		
	General floor main bar	<ul> <li>a) Column dimension, Main bar dimension, quantity, Arrangement (direction), confirmation of reinforcement due to eccentricity</li> <li>b) Dauble here position (arrest) confirmation</li> </ul>		
	Top floor main bar	<ul> <li>b) Double bars position (space) confirmation</li> <li>Column rebar fix height, main bar external corner hooks</li> <li>confirmation, Confirmation of fixation to the beams of the main</li> <li>bar on the top floor</li> </ul>		
	Bottom floor main bar	Confirmation of fixation of the main bar on the bottom floor to the foundation		
တ်Column	Setting/joint	<ul><li>a) Main bar joint position and length confirmation</li><li>b) Confirmation of reinforcing bar arrangement by the size of the additional part</li></ul>		
	Stirrup	<ul> <li>a) Rebar diameter, space, quantity (Confirmation of rebar diameter, spacing, number (secondary stirrup) and shape)</li> <li>b) Confirmation of reinforcement of stirrup at main reinforcing bar narrowed part and bent part</li> <li>c) Confirmation of the arrangement of the stirrup at the joint</li> </ul>		
		<ul> <li>d) Confirmation of location of first stirrup and column head stirrup binding</li> <li>a) Confirmation of stirrup back or shape of welding joint</li> </ul>		
Beam	Beam main bar	<ul><li>e) Confirmation of stirrup hook or shape of welding, joint</li><li>a) Confirmation of beam section dimension, main bar diameter, position of number of rebar</li></ul>		
		<ul> <li>b) Securing the spacing of the suspension bars and checking the length</li> </ul>		
	Setting/Joint	a) Beam rebar fixing length, location confirmation		

			Г
		b) Lap joint position and length confirmation	
		c) Beam rebar outer end part rebar head hooks confirmation	
reinf		Is the reinforcement of additional part appropriate, confirmation of through holes position and reinforcement (Confirmation of	
thro	ough holes	graded product specification)	
Stirr	Stirrup rebars	<ul><li>a) Stirrup rebars, quantity (Secondary stirrups) pitch</li><li>b) confirmation</li></ul>	
		c) Stirrup bars hook shapes, cohesion confirmation	
Cant bear	tilever m	Cantilever beam main bars setting, stirrup bar position confirmation	
Sma	all beam	Small beam bar arrangement position and setting confirmation	
	Slab rebars	a) Check slab thickness support conditions, dimensions, rebar pi tch and diameter	
(5) Slab		<ul> <li>b) Main bar arrangement (Short side/long side and bent reinforcement arrangement) confirmation</li> </ul>	
	Setting, lap joint	a) Setting and length and method (beam setting, adjacent slab, different level slab setting)	
		c) Fixing the cantilever slab and securing the position of the upper rebar (with or without wall hook)	
		d) Joint position and length	
		a) Reinforcement of in and out corner of floor slabs	
Rein	Reinforcement	b) Opening hole reinforcement rebar confirmation	
reba	ar	c) Stair part rebar arrangement and reinforcement rebar confirmation	
Wall	l rebar	Wall thickness, rebar diameter, pitch, location (earth pressure wall main rebar/stair support rebar) confirmation	
Setti	Setting/lap joint	a) Setting confirmation (beam, column, slab, wall setting)	
€ Sal		b) lap joint position and length confirmation	
	Reinforcement rebar	a) Opening hole reinforcement rebar confirmation	
		b) Slit (whole, part) location, shape and rebar arrangement confirmation	
Facil pipir	=	Facility piping (CD pipe) arrangement confirmation	
Gas	Gas pressure welding joint	a) Welding part length and bulge diameter, welding surface gap, Confirmation of eccentricity of rebar central axis	
weld		b) Welding part inspection (tensile test, Ultrasonic testing, etc.) inspection point, inspection rate, passed rate confirmation	
Spec	Special rebar joint	<ul> <li>a) Confirmation, evaluation method specification and joint performance confirmation.</li> </ul>	
		<ul> <li>b) Confirmation, Confirmation of mortar, grout material or torque for non-rated products</li> </ul>	
7 Others	Confirmation of formwork and existing placement	a) Formwork and supporting tightening, cleaning situation confir mation	
		<ul> <li>b) Defected treatment, removal and repair formwork wood chips</li> </ul>	
		c) Foundation, column, beam, floor plate, wall structure dimensi on confirmation	
place		d) Formwork supporting retention period confirmation	
		e) Curing after concrete casting	
		f) Concrete mixing and compressive strength confirmation	
EXP., conf	J firmation	Location and space confirmation	

	a) Concrete mixing and compressive strength confirmation	
	b) Rebar arrangement confirmation	
	c) Cover thickness confirmation	
PCa quality,	d) Dimensional accuracy confirmation	
strength	e) Connection and tightening confirmation	
confirmation	f) Product inspection result (dimensional accuracy, casting defected, etc.)	
	g) Have or haven't of structural material detrimental cracks and other defects after built	
Prestressed	a) Prestressed concrete setting method confirmation, crimping	
concrete	surface mortar strength	
setting and	b) Prestressed concrete tension material strength confirmation	
material confirmation	c) PC strength confirmation during prestressed producing	
committation	d) Prestressed production tensile strength confirmation	

(Caution) Confirmation method

A : Visually confirmed at construction site

B : Measured and inspected using inspection equipment at the construction site

- C : Confirmed by the report
- D : Measurement test using inspection equipment at the factory, etc., and result confirmed by the construction management or construction contractor

E : Measure inspection by using inspection equipment by a third-party organization and result confirmed by construction management or construction contractor

 F : Construction management (Structure responder : Company name\_\_\_\_\_\_Person in charge name\_\_\_\_\_\_) directly confirmed

• The construction management and construction contractor fill in confirmation method from A to F as a reference. In addition, for important items such as rebar arrangement work, fill in [+F] (example: A+F, B+F, C+F) for items directly confirmed by person in charge of structure who are in list of construction management organization chart.