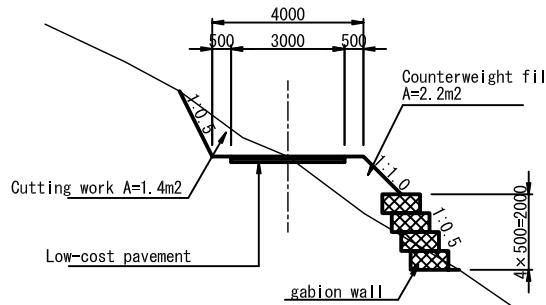
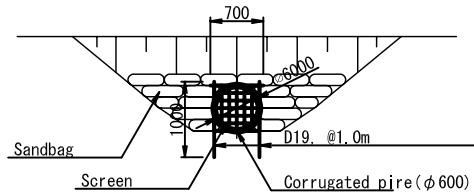


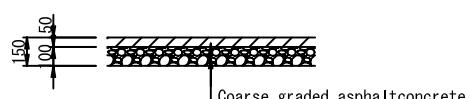
A-A Cross Section S=1:100



Underdrainage S=1:50



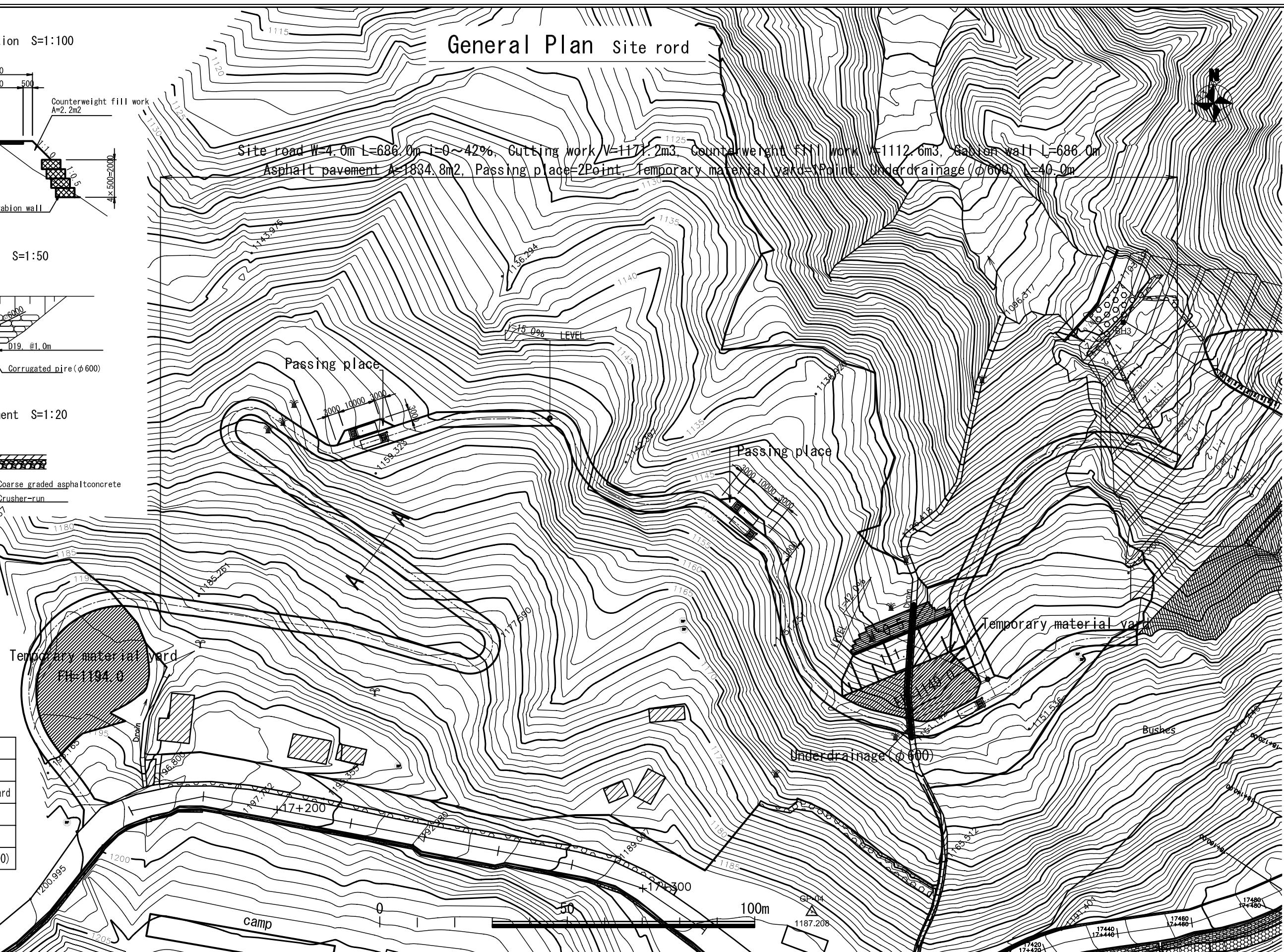
Asphalt pavement S=1:20



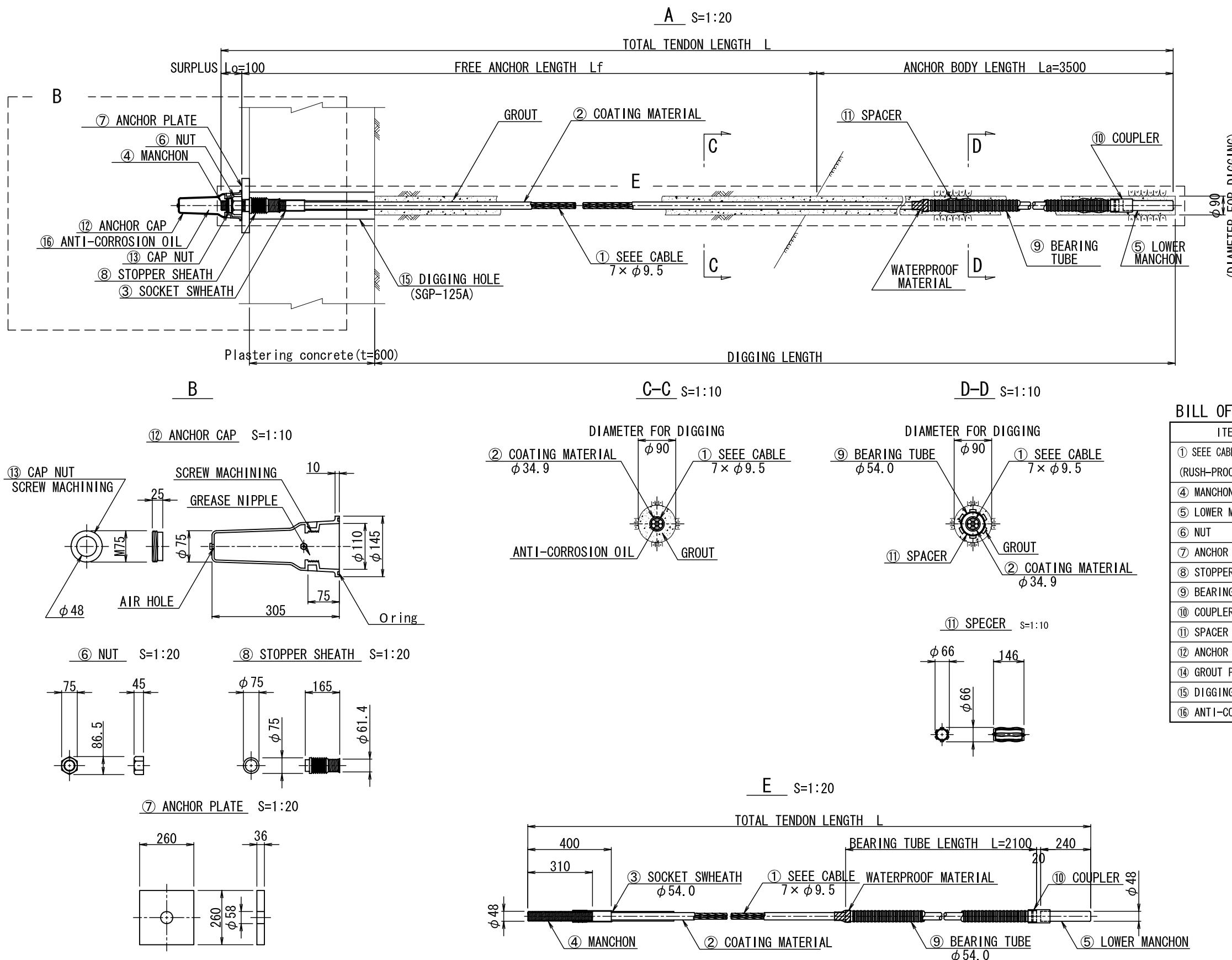
Legend

—	Site rord
—	Passing place
▨	Temporary material yard
▨	Gabion wall
■	Slope
■	Underdrainage (φ 600)

General Plan Site rord



STANDARD DRAWING ANCHOR WORKS (F-70UA)

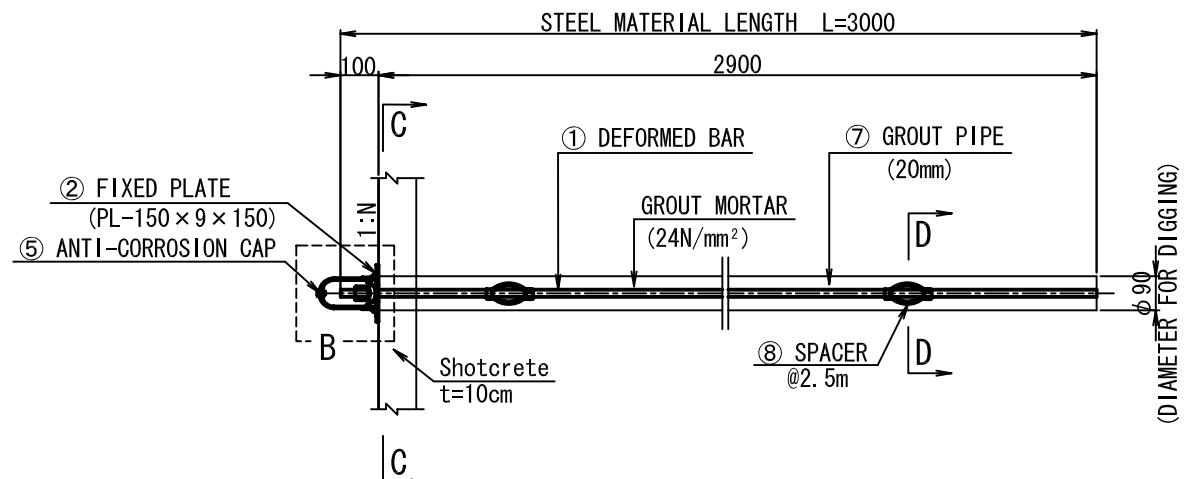


BILL OF MATERIAL TABLE ANCHOR (PER ONE)

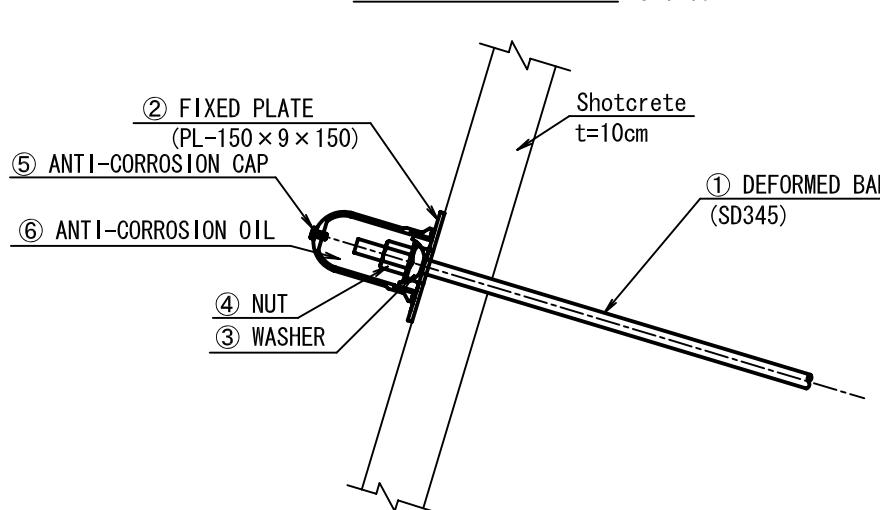
ITEM	SPECIFICATION	UNIT	QUANTITY	REMARKS
① SEE CABLE (RUSH-PROOF OIL FILLED) (7xφ9.5)	F70UA	set	1	
④ MANCHON	φ48.0, L=400	number	1	
⑤ LOWER MANCHON	φ48.0, L=240	number	1	
⑥ NUT	L=75.0, H=45	pieces	1	
⑦ ANCHOR PLATE	PL-260 x 36 x 58	sheet	1	
⑧ STOPPER SHEATH	φ75, L=165	pieces	1	
⑨ BEARING TUBE	φ54.0, L=2100	set	1	
⑩ COUPLER	φ63, L=105	pieces	1	
⑪ SPACER	φ66, L=146	pieces	2	
⑫ ANCHOR CAP	φ145, L=305	pieces	1	
⑭ GROUT PIPE	FLAT 10~27	m		
⑮ DIGGING HOLE	SGP-125A	m		
⑯ ANTI-CORROSION OIL		kg	0.96	

ROCK BOLT (1)

A DEFORMED BAR (D19) S=1:20



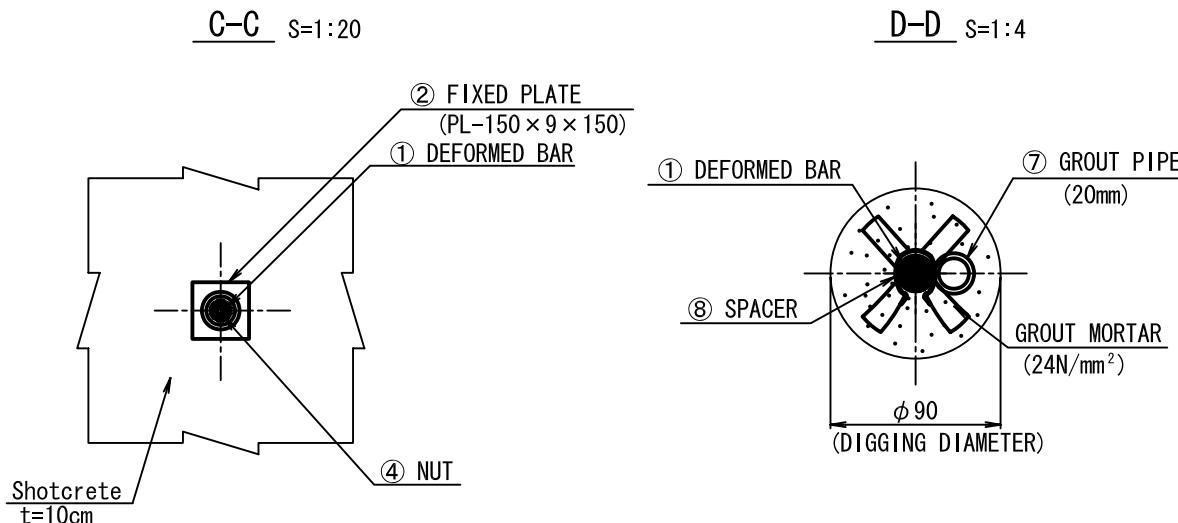
B ATTACHMENTS S=1:10



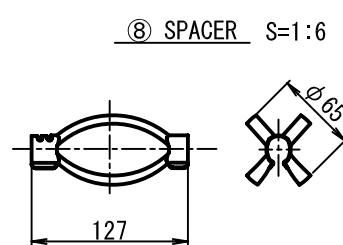
B ATTACHMENTS (PER ONE)

ITEM	SPECIFICATION	UNIT	QUANTITY	REMARKS
① DEFORMED BAR	D19 , SD345	mm	3000	
② FIXED PLATE	PL-150×9×150	sheet	1	
③ WASHER	φ 76 , H=25	piece	1	
④ NUT	H=40 , D19	piece	1	
⑤ ANTI-CORROSION CAP	H=100	piece	1	
⑥ ANTI-CORROSION OIL		kg	0.38	
⑦ GROUT PIPE	20mm	mm	3000	
⑧ SPACER	φ 65 , L=127	piece	2	

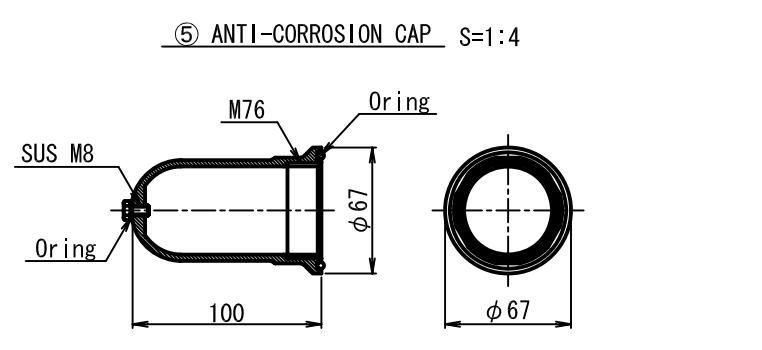
C-C S=1:20



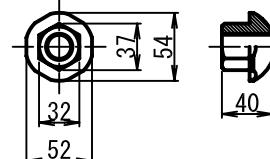
D-D S=1:4



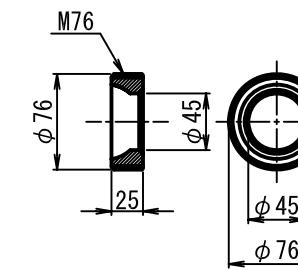
C DETAIL ATTACHMENT



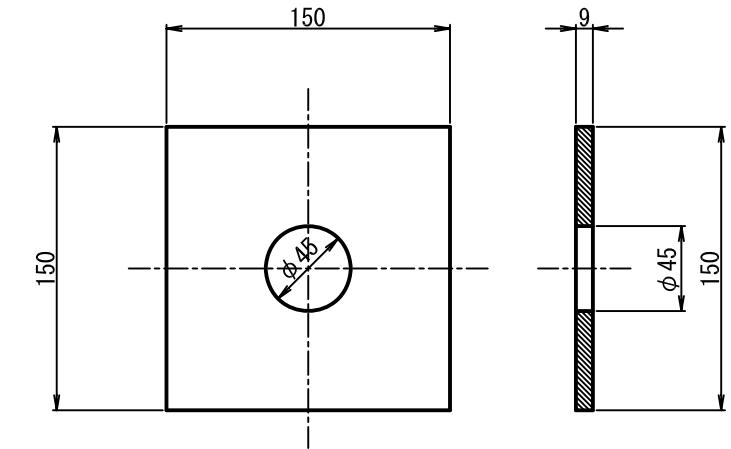
④ NUT S=1:6



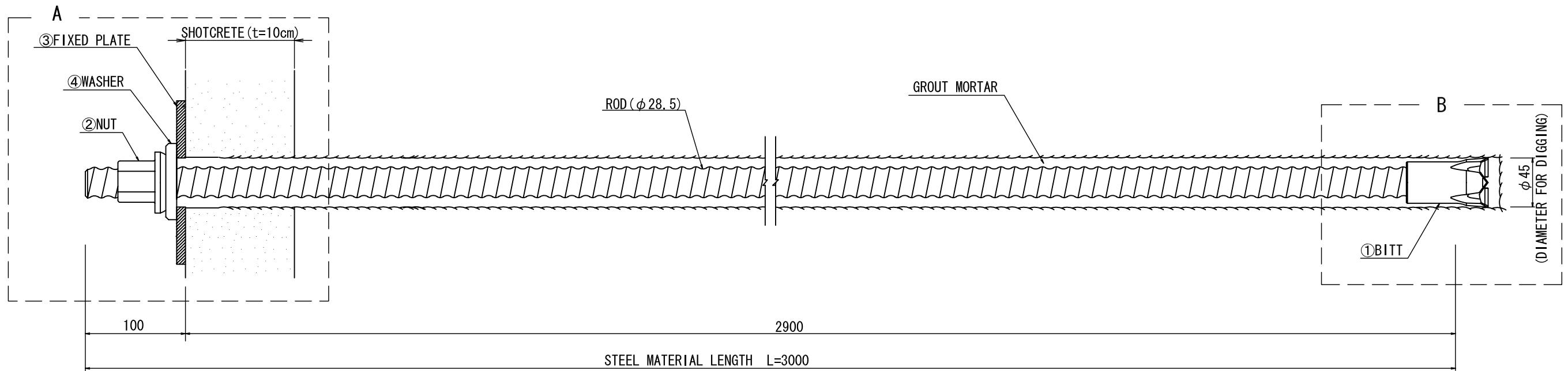
③ WASHER S=1:6



② FIXED PLATE S=1:4

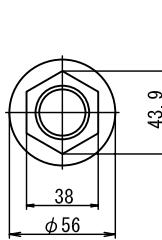


ROCK BOLT (2)

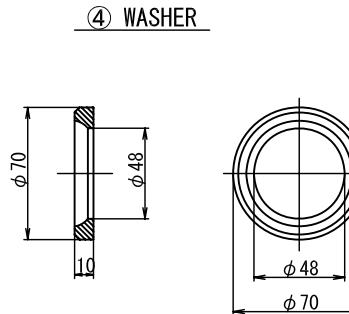


A ATTACHMENTS

② NUT

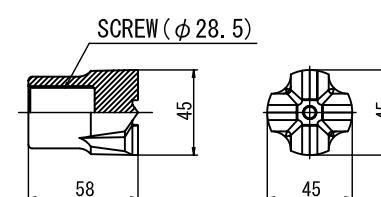


④ WASHER

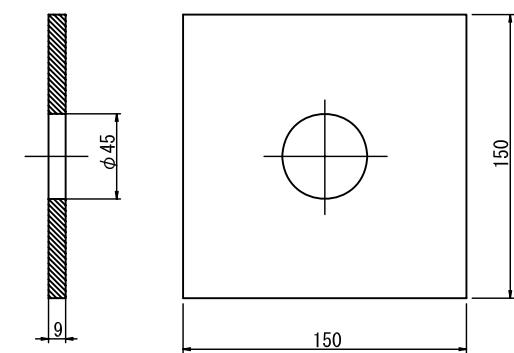


B ATTACHMENT

① BITT ($\phi 45$)

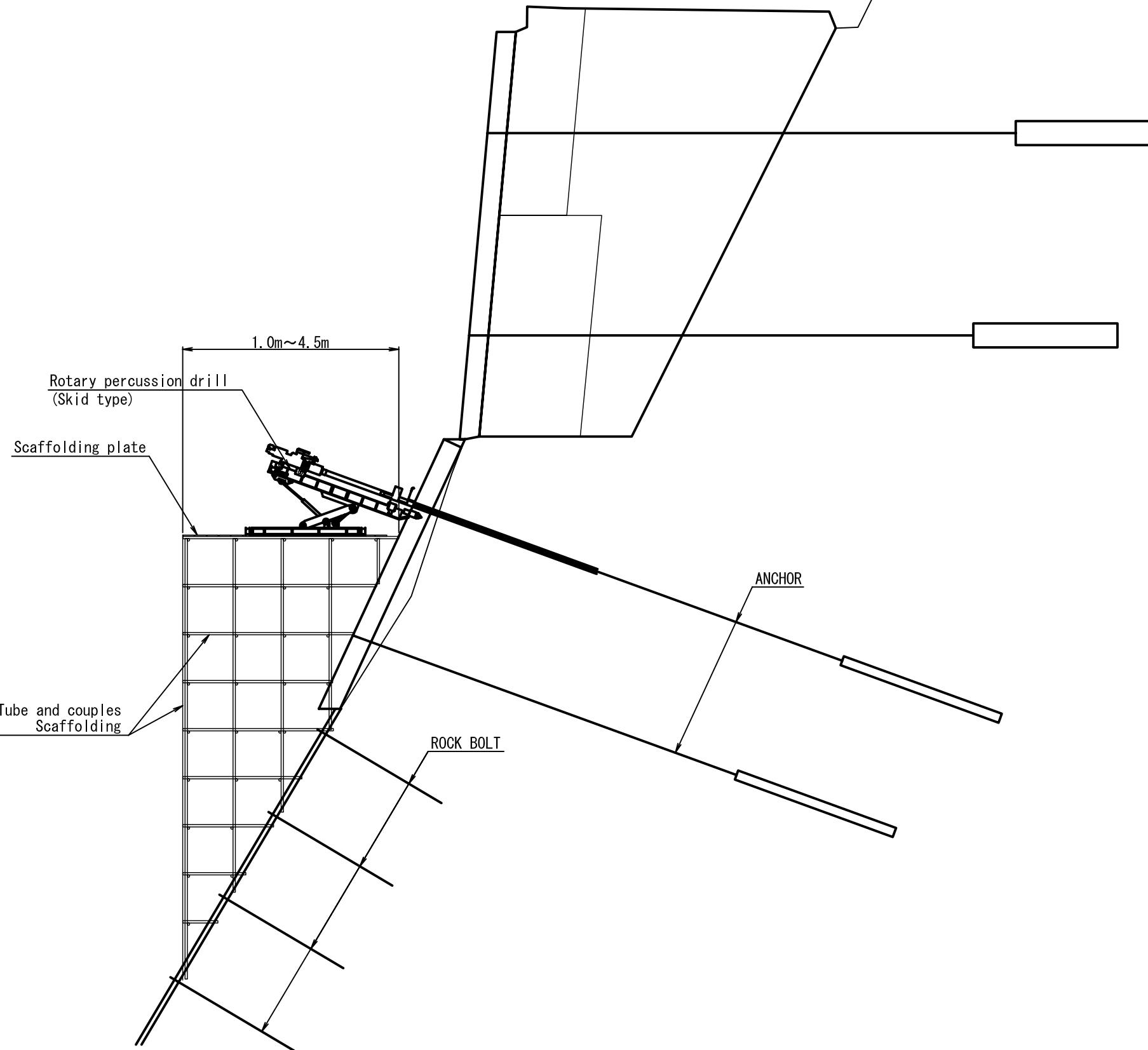


③ FIXED PLATE

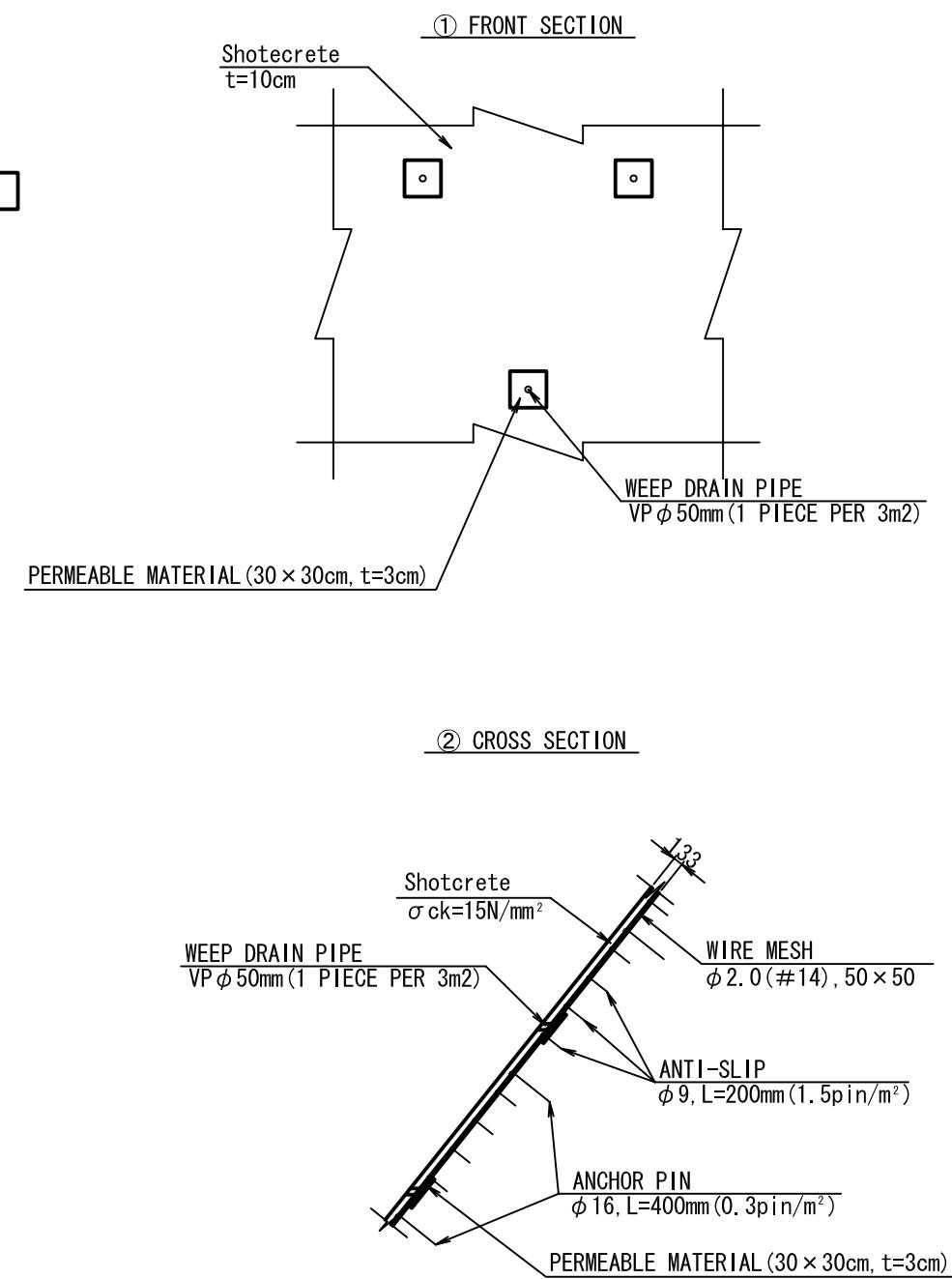


SLOPE WORKS

A SCAFFOLDING

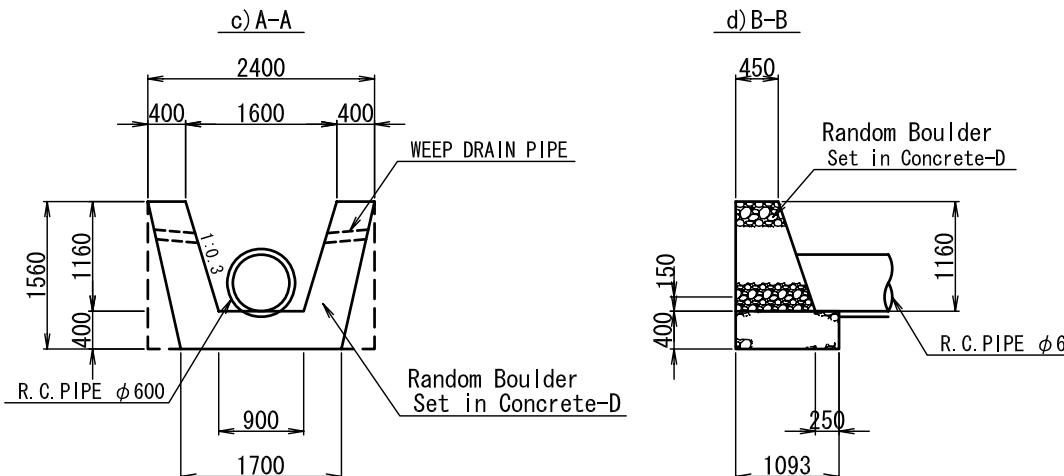
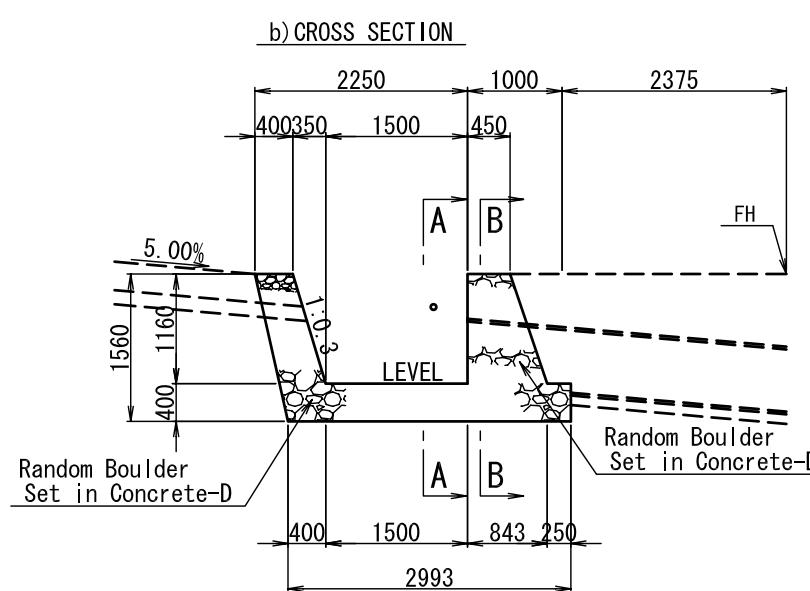
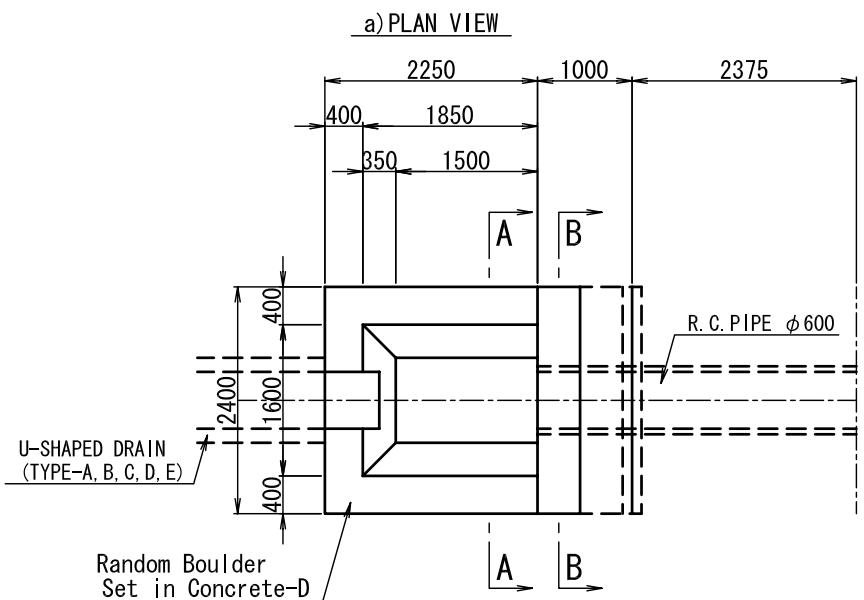


B SHOTCRETE S=1:60

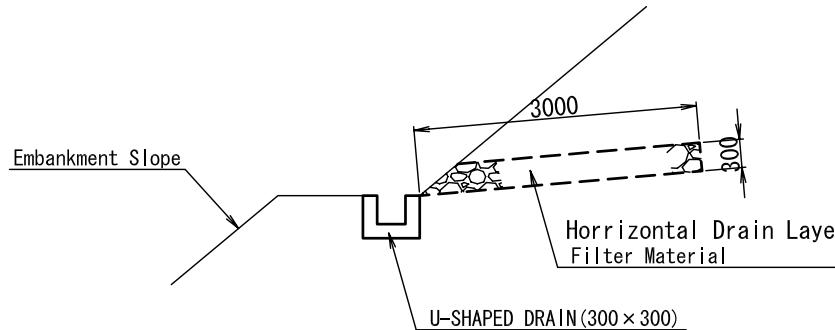


DRAINAGE STRUCTURES

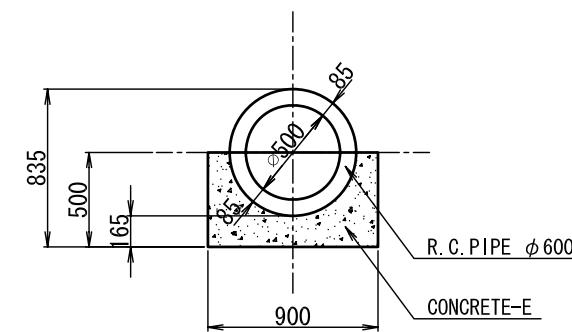
(1) CATCH BASIN TYPE-(CB-1) S=1:80
(for $\phi 600 \times 1$)



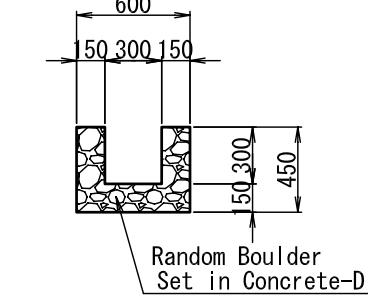
(2) FRANCH DRAIN (FD-D) S=1:80



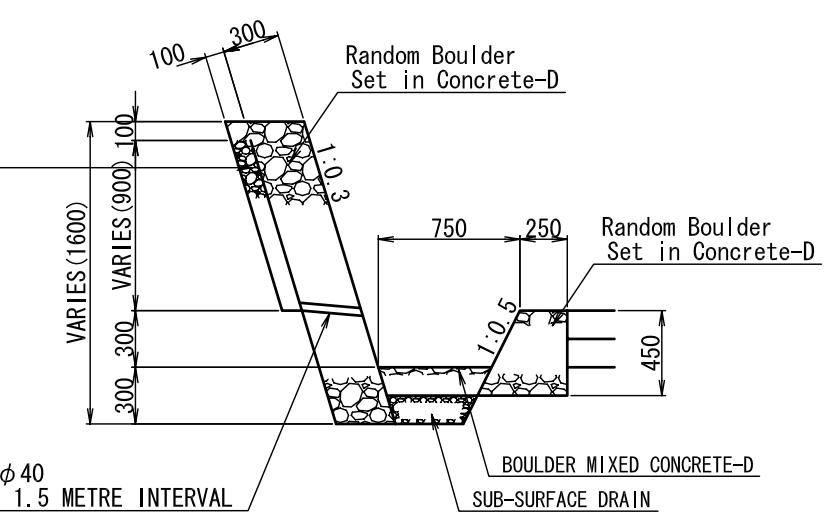
(4) PIPE CULVERT ($\phi 600$) (CON, 180°) S=1:40



(3) U-SHAPED DRAIN (300 × 300) (UD-A) S=1:40

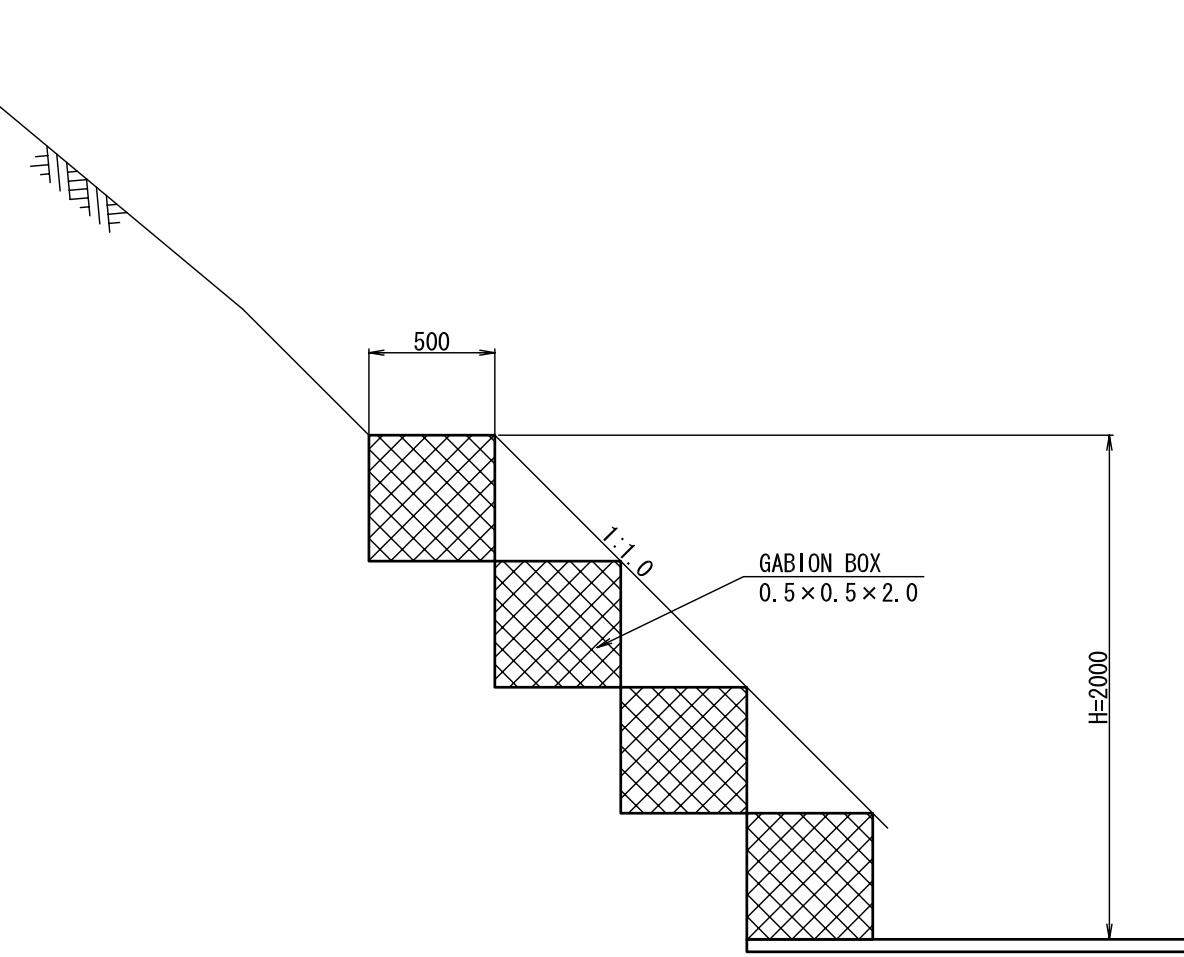


(5) SIDE DITCH-B (SD-B) S=1:40

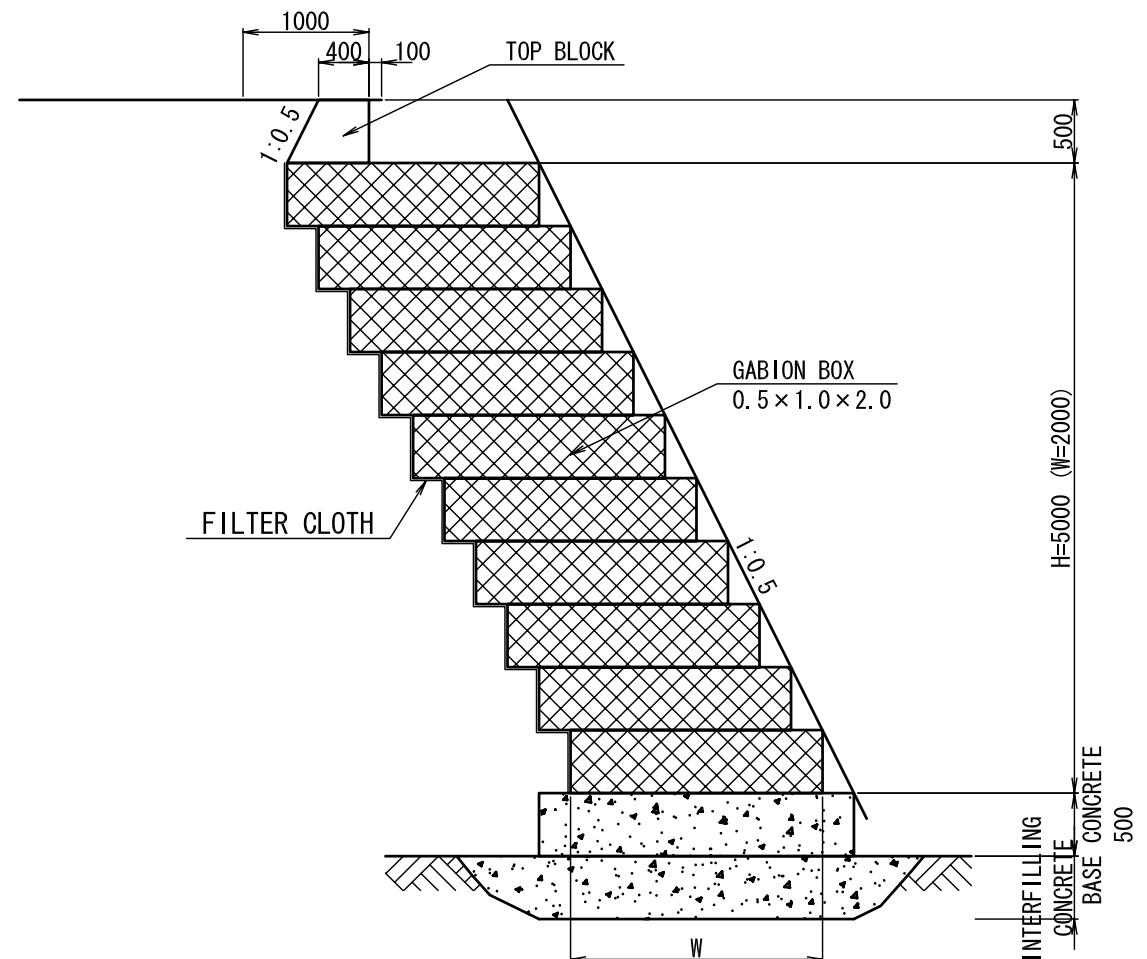


GABION WALL

(1) GABION WALL S=1:30
(STA17+600 SLOPE)

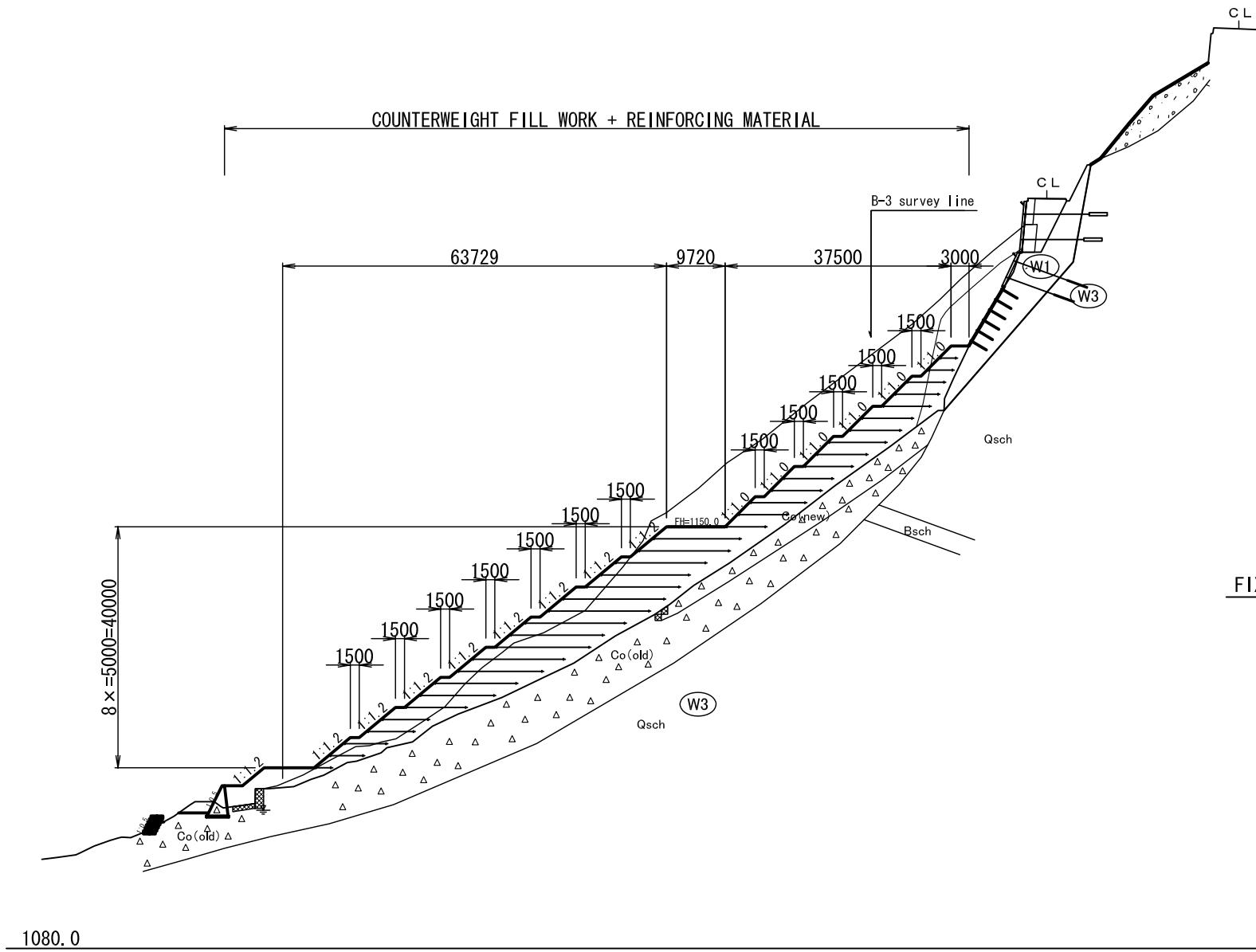


(2) GABION WALL S=1:60
(CHECK DAM)

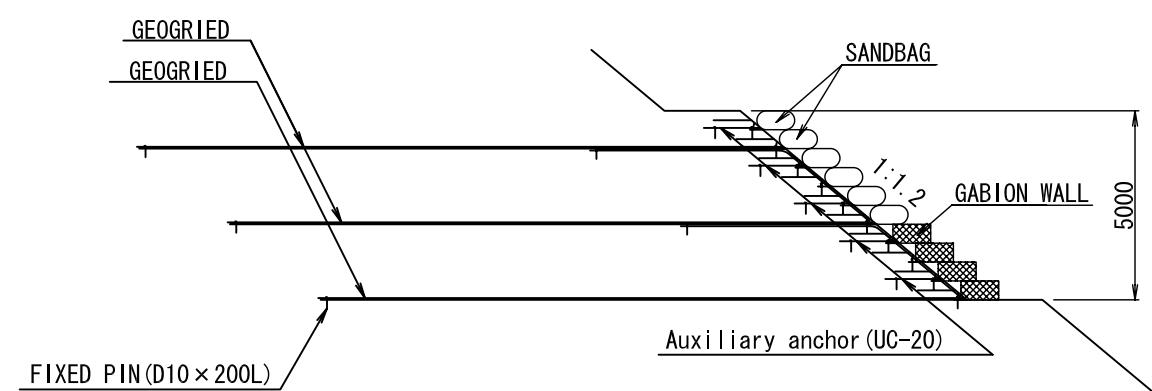


REINFORCEMENT BANK

SECTION S=1:1000



DETAILS



THE DEPARTMENT OF ROADS
MINISTRY OF PHYSICAL PLANNING
AND WORKS
NEPAL

JAPAN INTERNATIONAL COOPERATION AGENCY
 NIPPON KOEI CO., LTD. (NK)

04		DESIGNED BY	
03		DRAWN BY	
02		ASSISTED BY	
01		RECOMMENDED BY	
REV.	DATE	APPROVED BY	

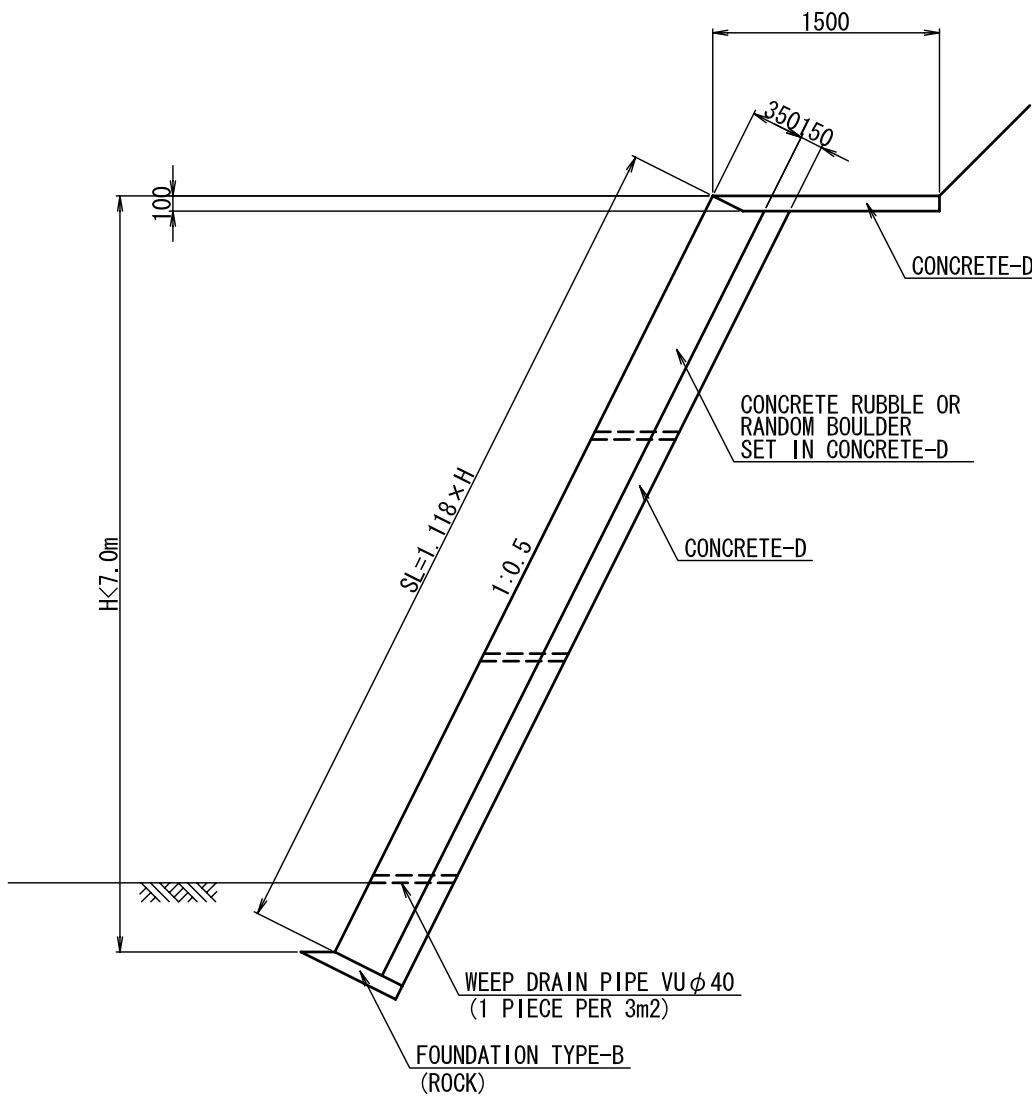
**THE PREPARATORY SURVEY
ON THE PROJECT
FOR COUNTERMEASURE CONSTRUCTION
FOR THE LANDSLIDES
ON SINDHULI ROAD (SECTION II)**

DATE	DWG.NO.
MARCH 2011	

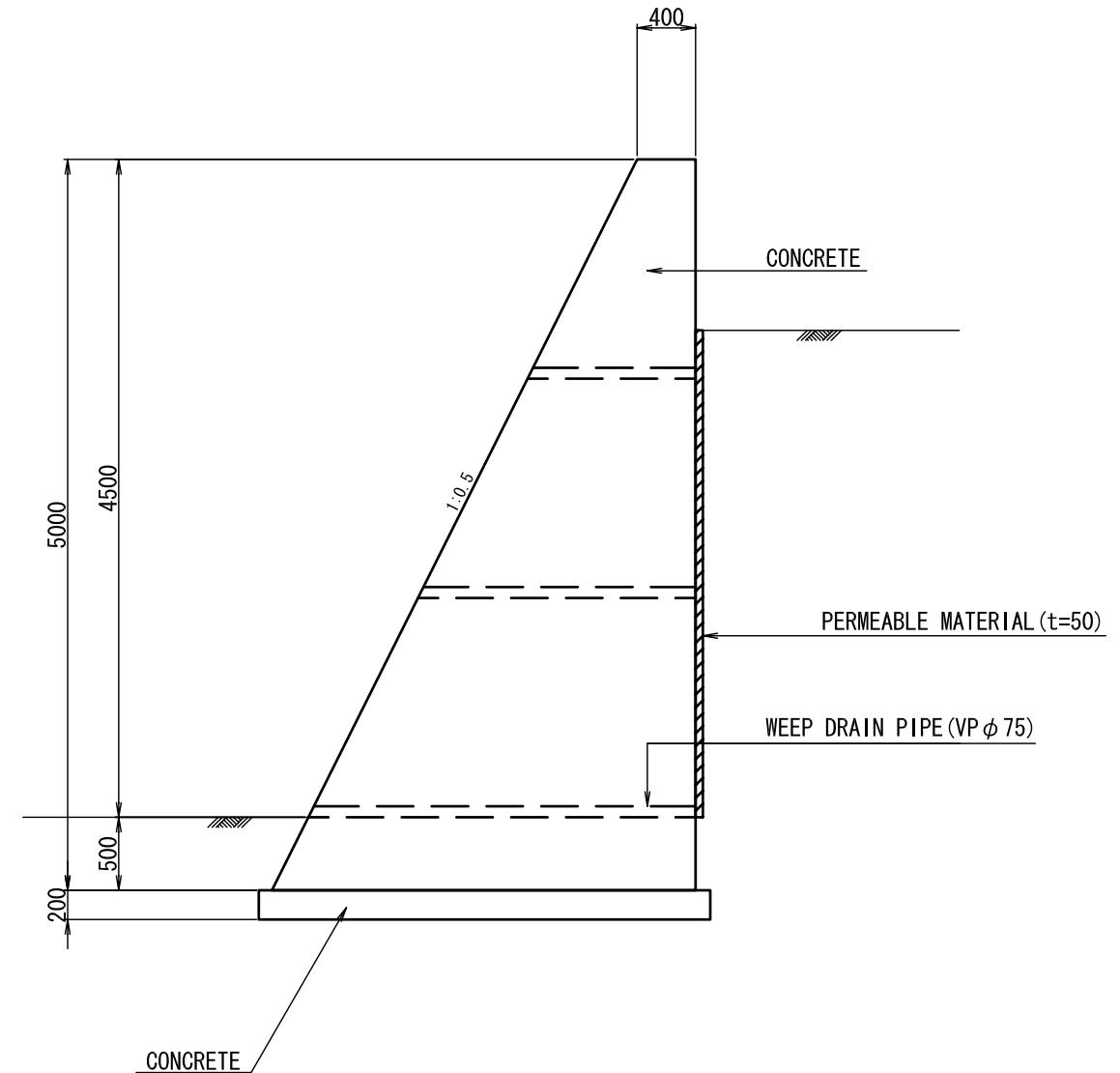
SCALE

RETAINING WALLS

(1) MASONRY RETAINING WALL

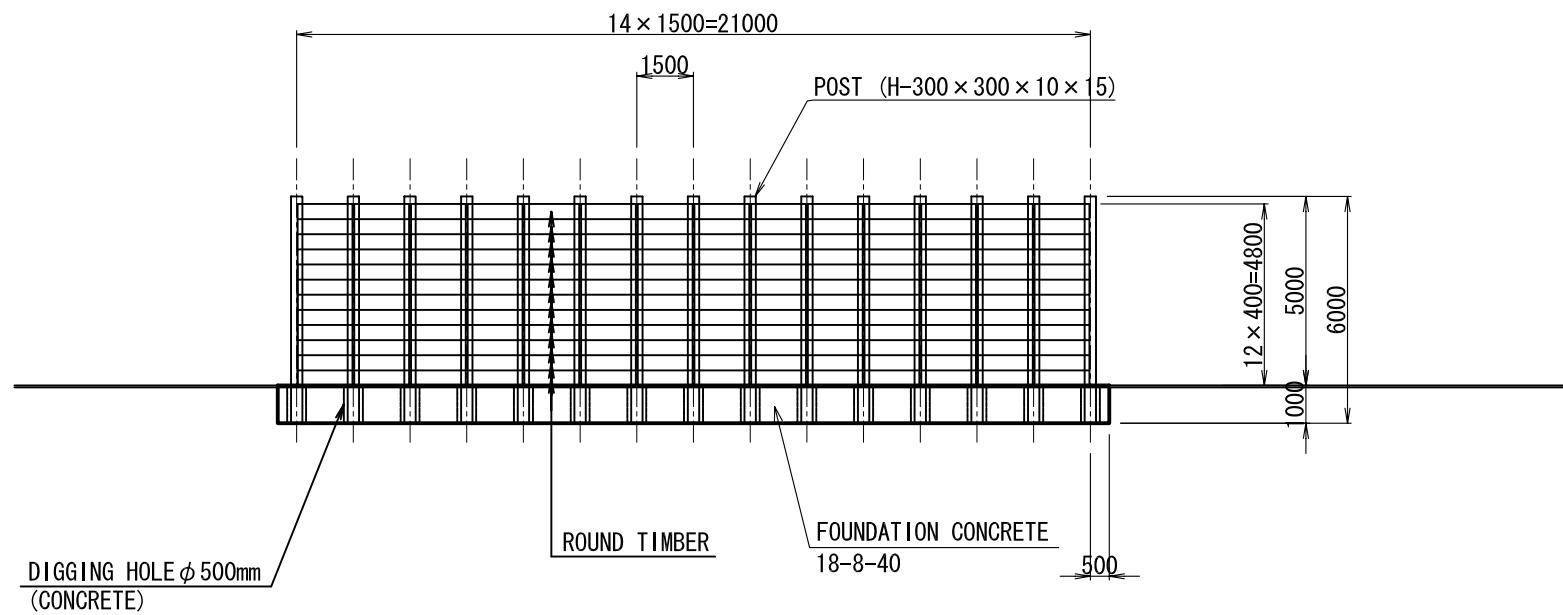


(2) GRAVITY-TYPE RETAINING WALL

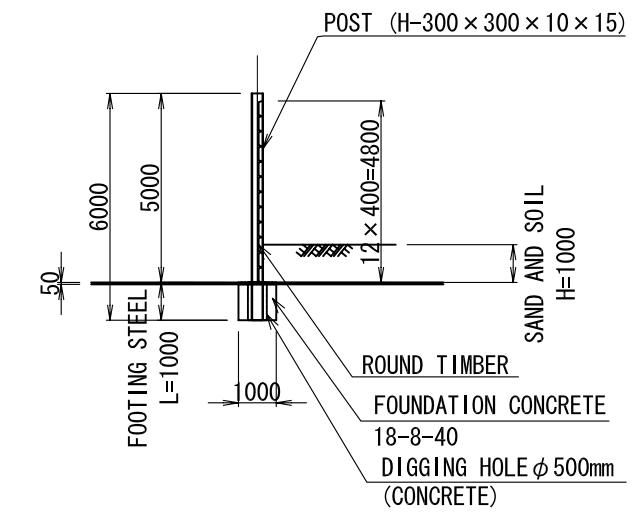


TENTATIVE PROTECTION FENCE

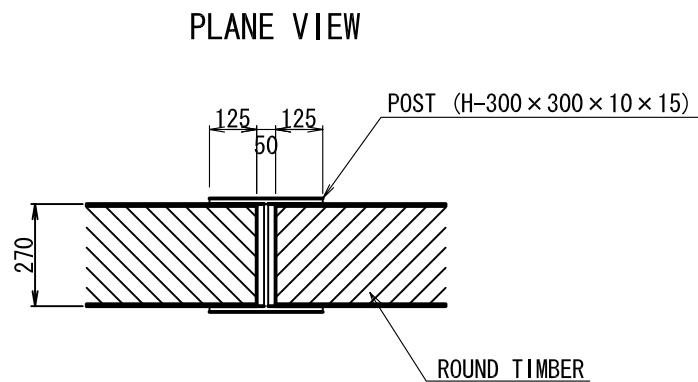
(1) ELEVATION VIEW



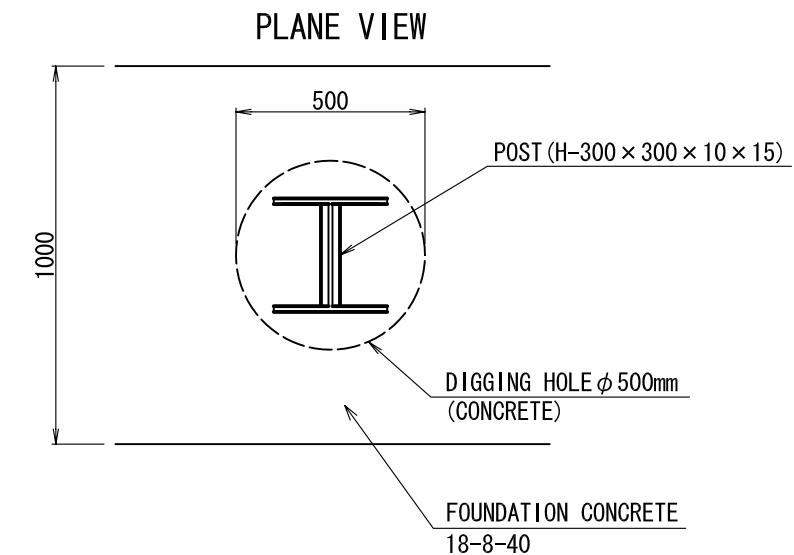
(3) CROSS SECTION



(2) DETAIL OF JOINT S=1:20

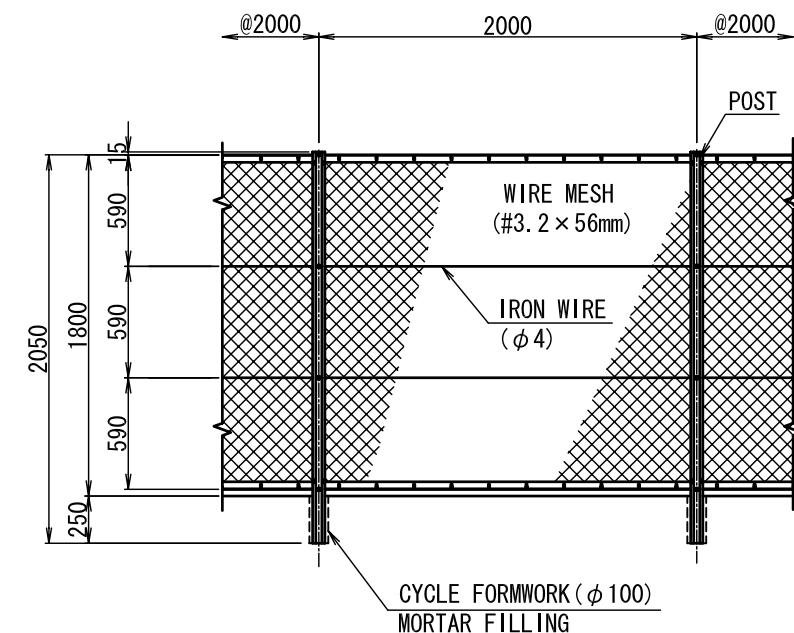


(4) DETAIL OF FOUNDATION S=1:20

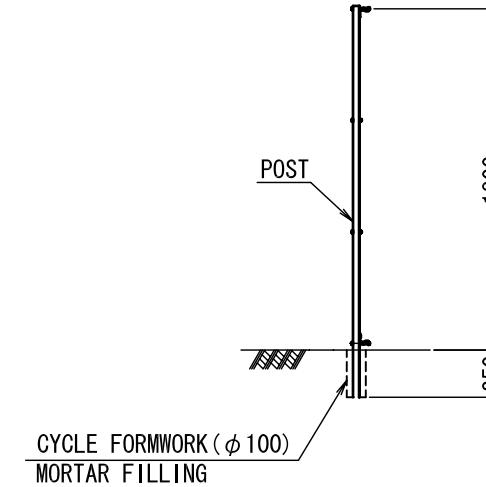


GUARD FENCE

(1) FRONT SECTION

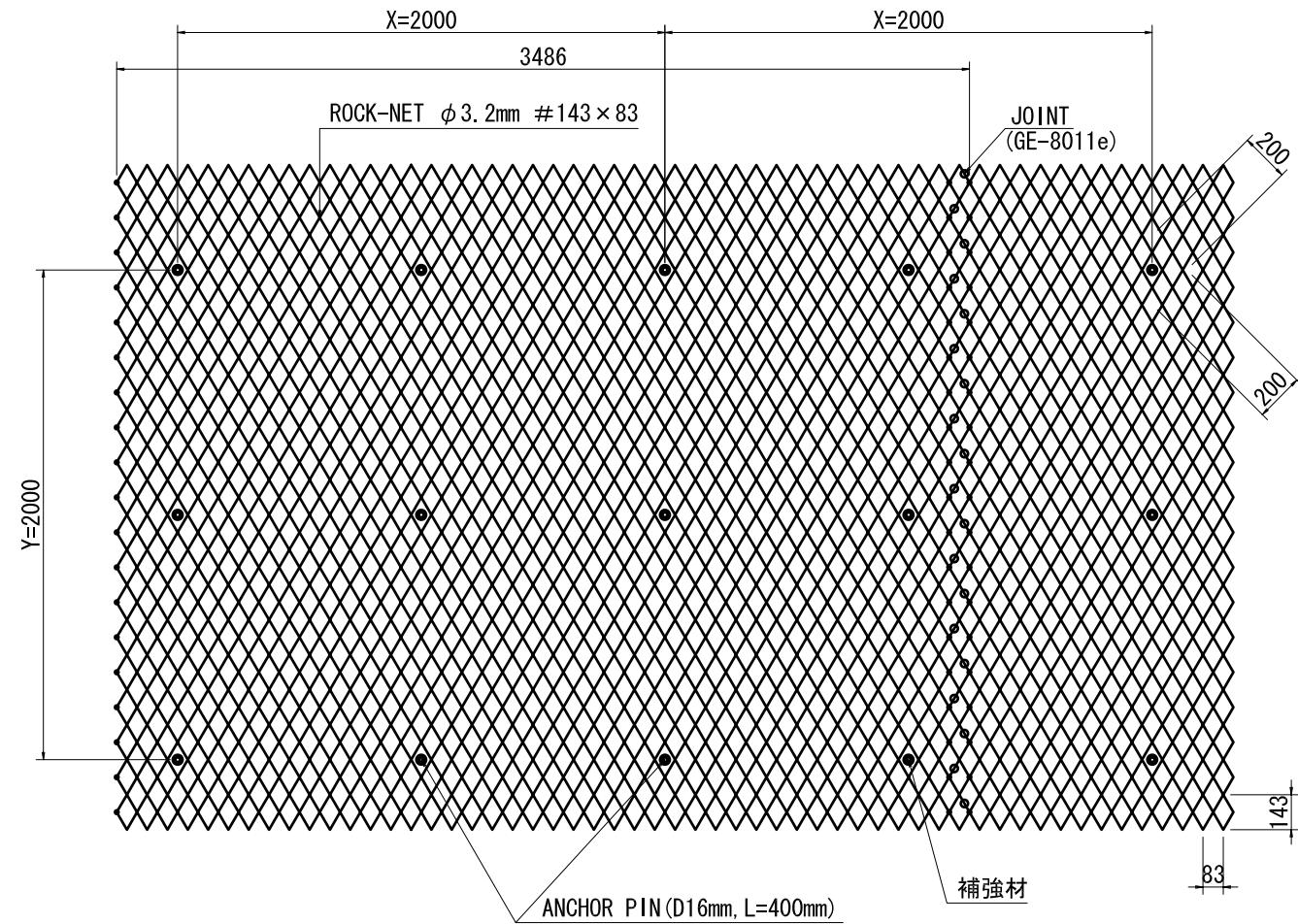


(2) CROSS SECTION

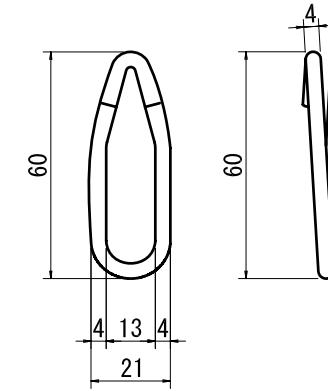


ROCK-NET

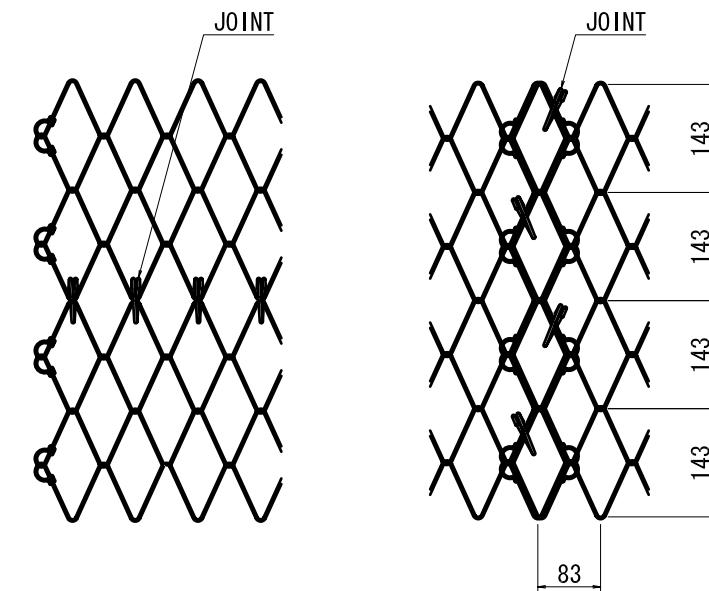
(1) ROCK-NET S=1:30



(2) JOINT PARTS S=1:2



(3) SAMPLE FOR JOINT S=1:10



(4) ANCHOR PIN S=1:10

