

# 2019년 원가관리 경진대회 산출 도면

2019. 11. 15

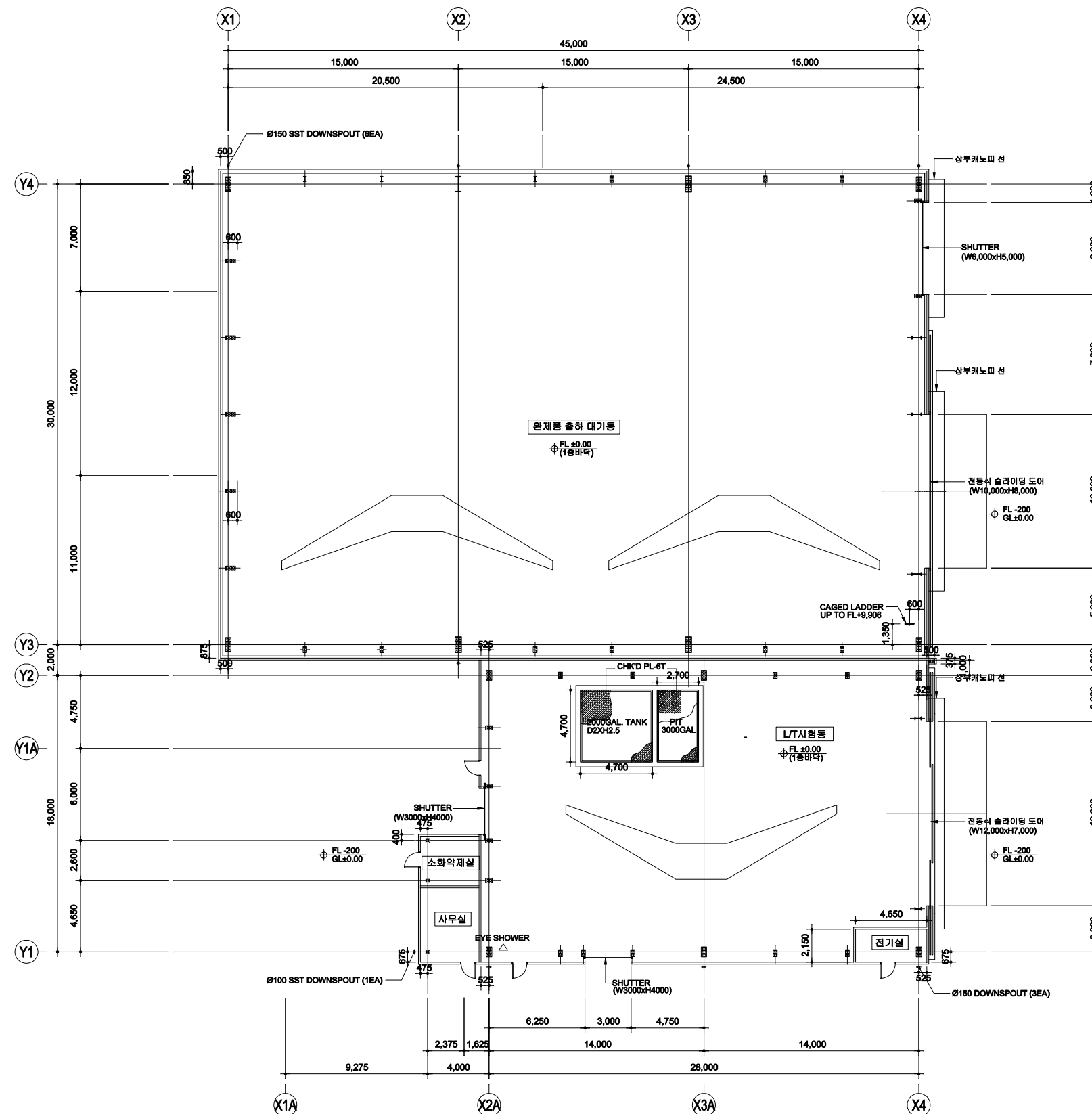
(사)한국건설관리학회

[ 건축 ]

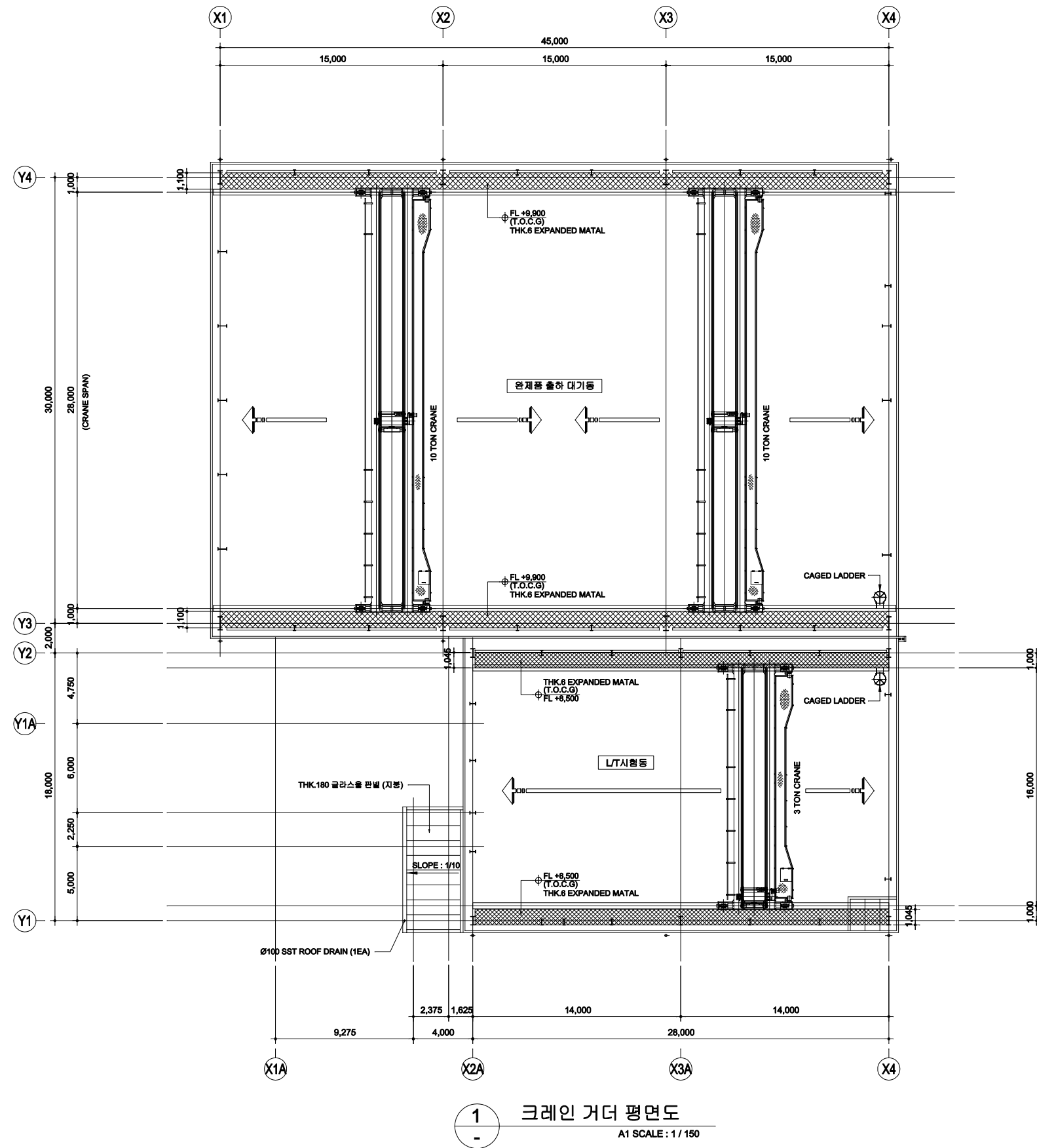
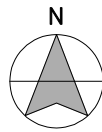
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**【구조】**

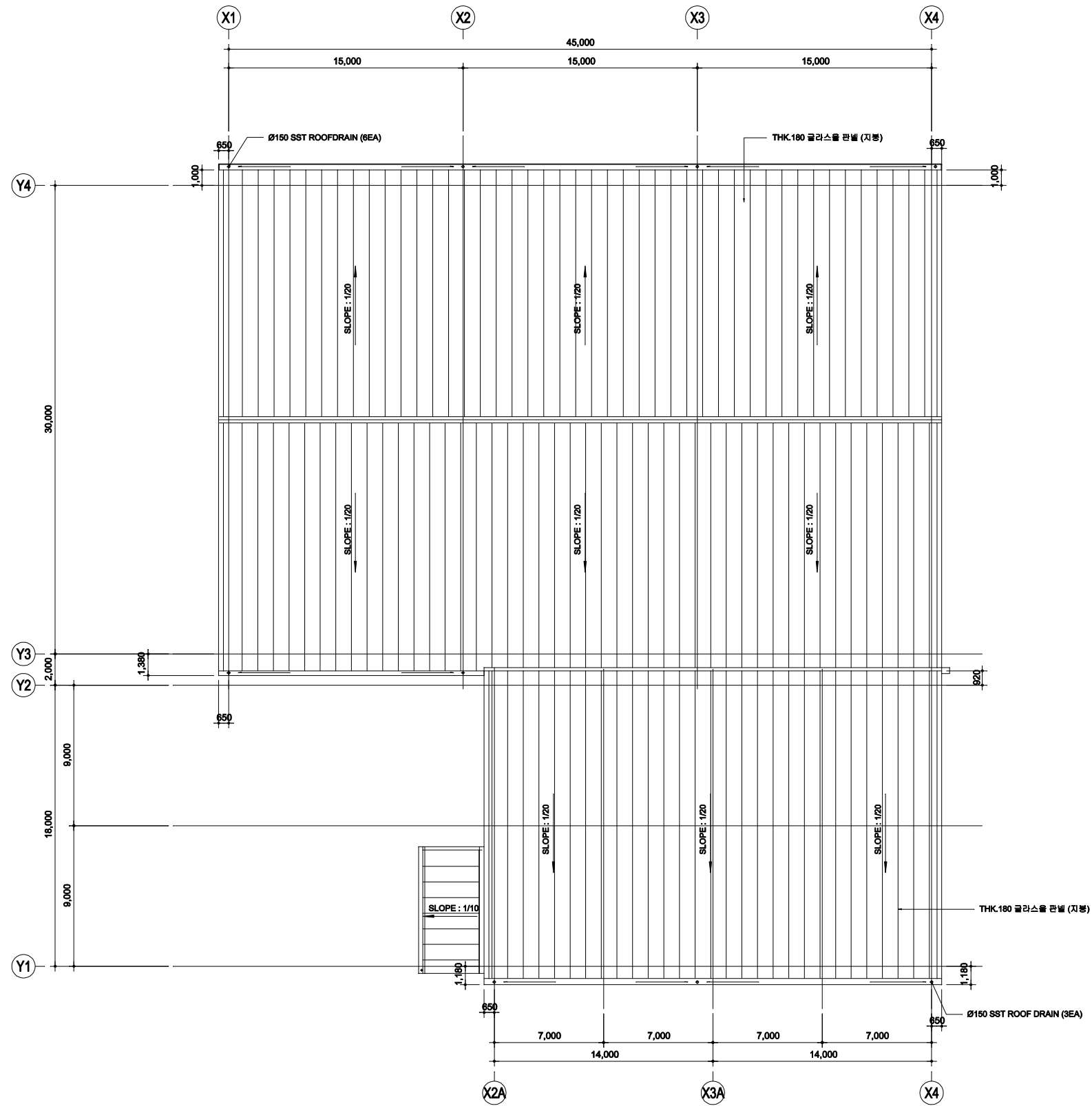
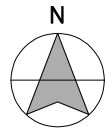
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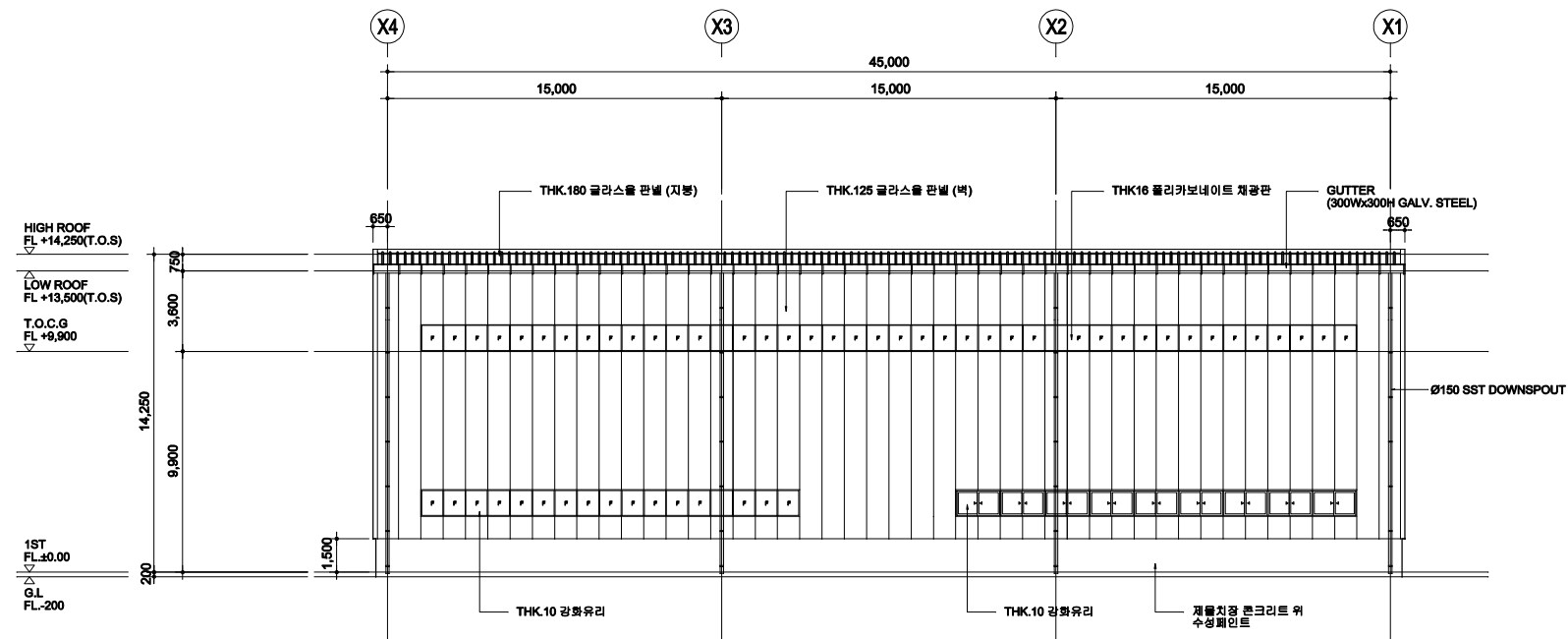
A-01



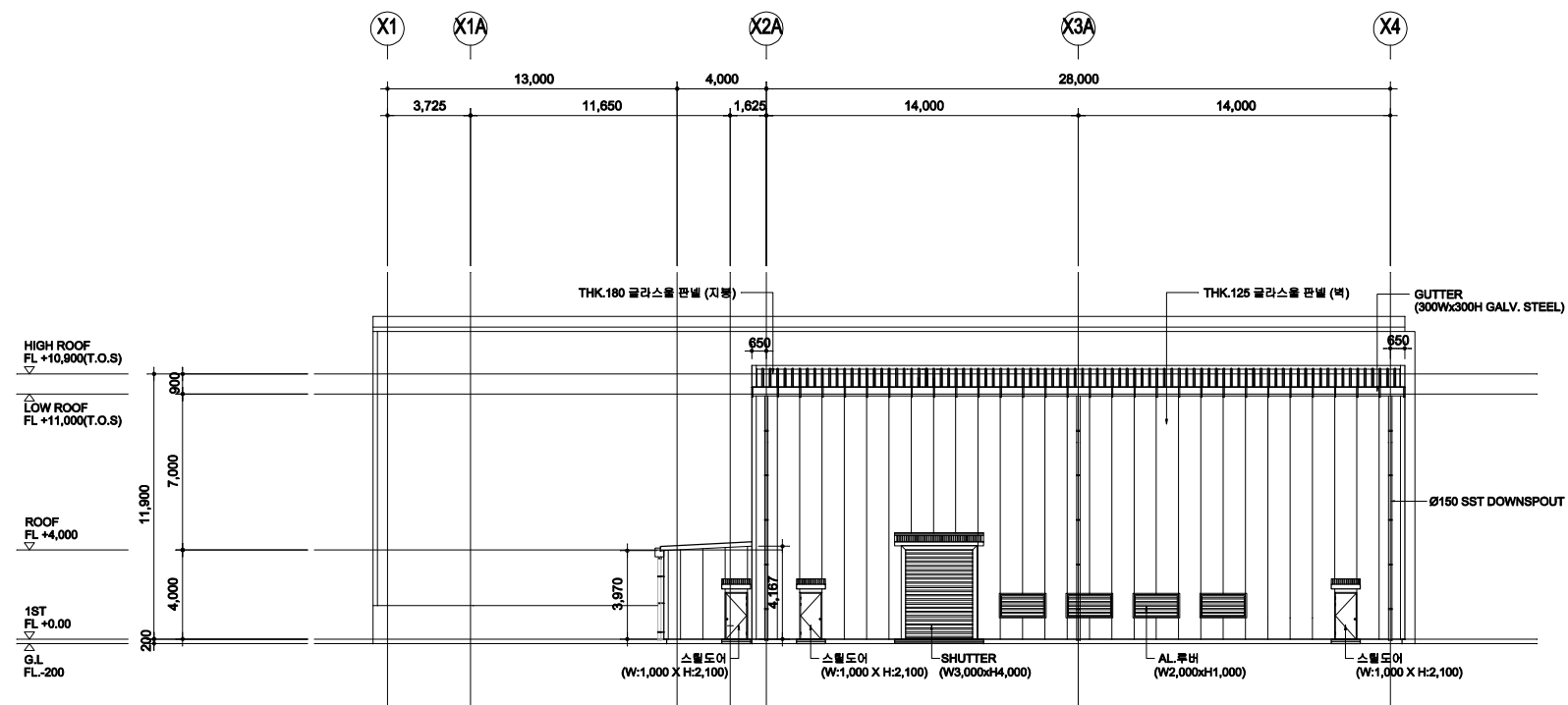




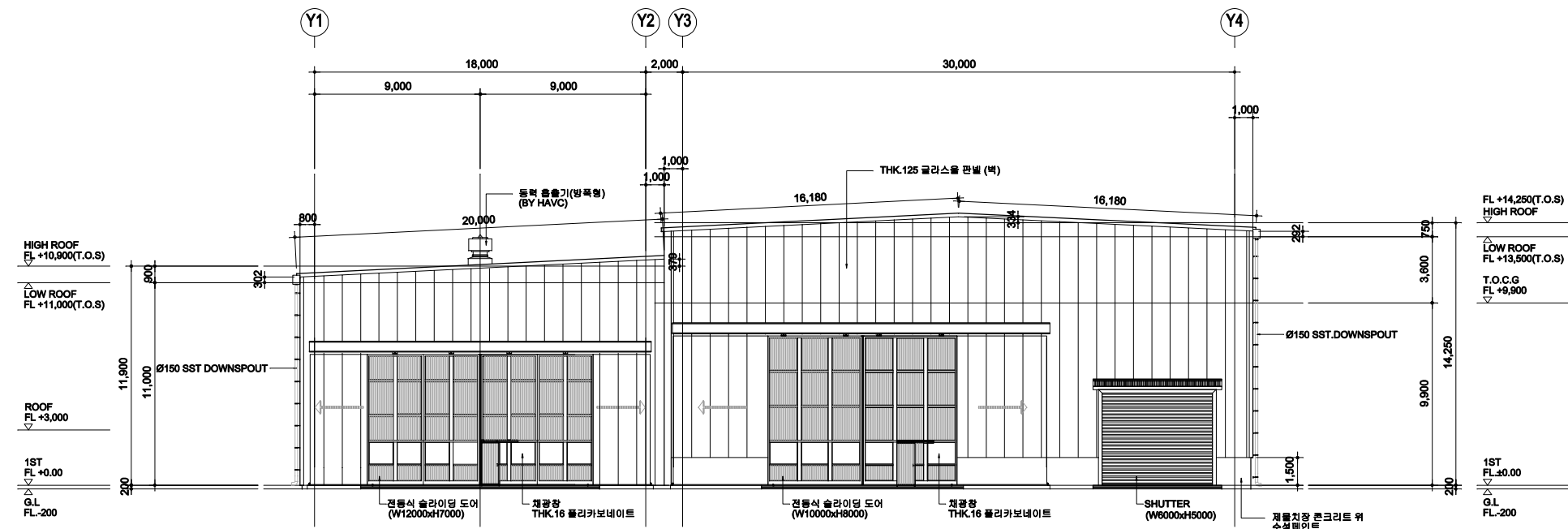
1 지붕 평면도  
A1 SCALE : 1 / 150



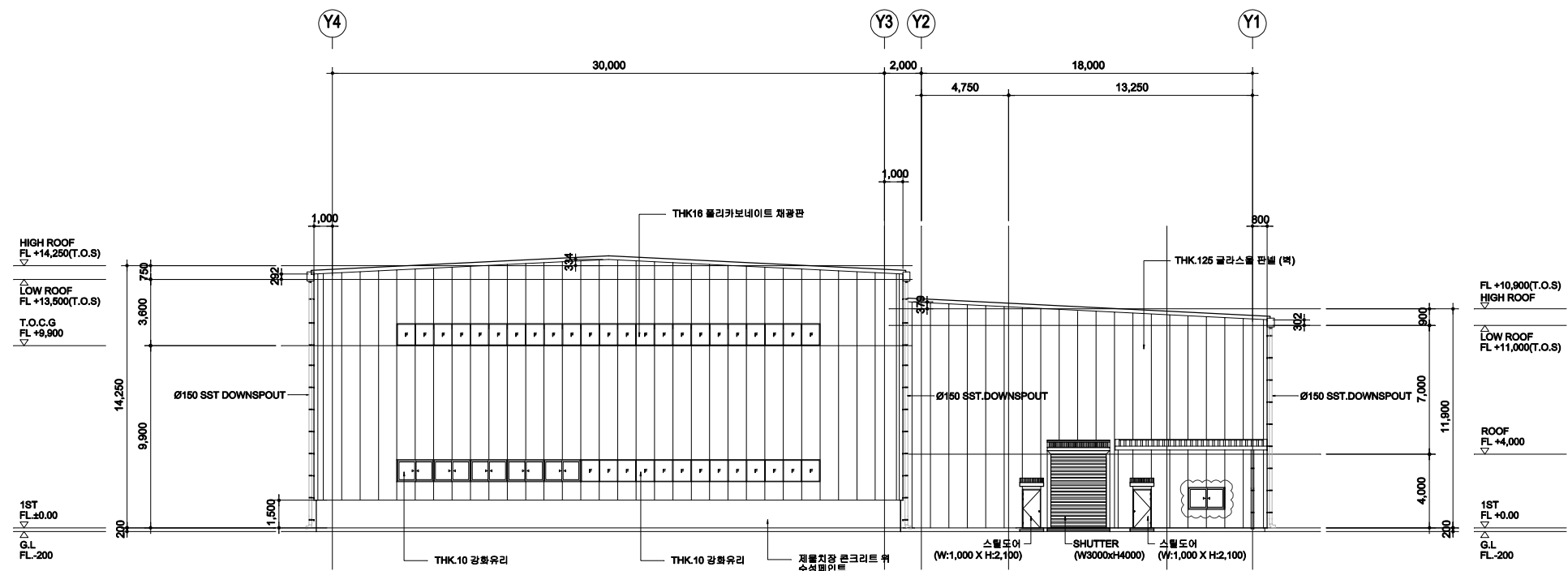
1 북측 입면도  
A1 SCALE : 1 / 150



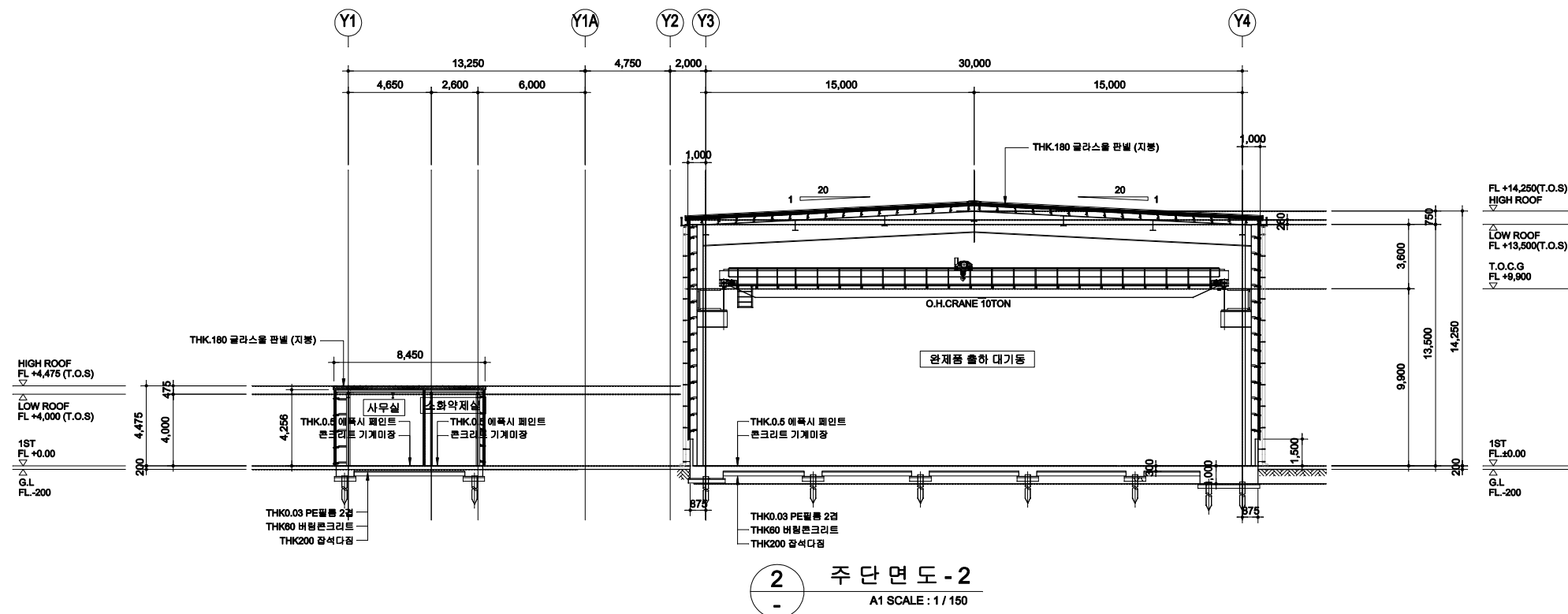
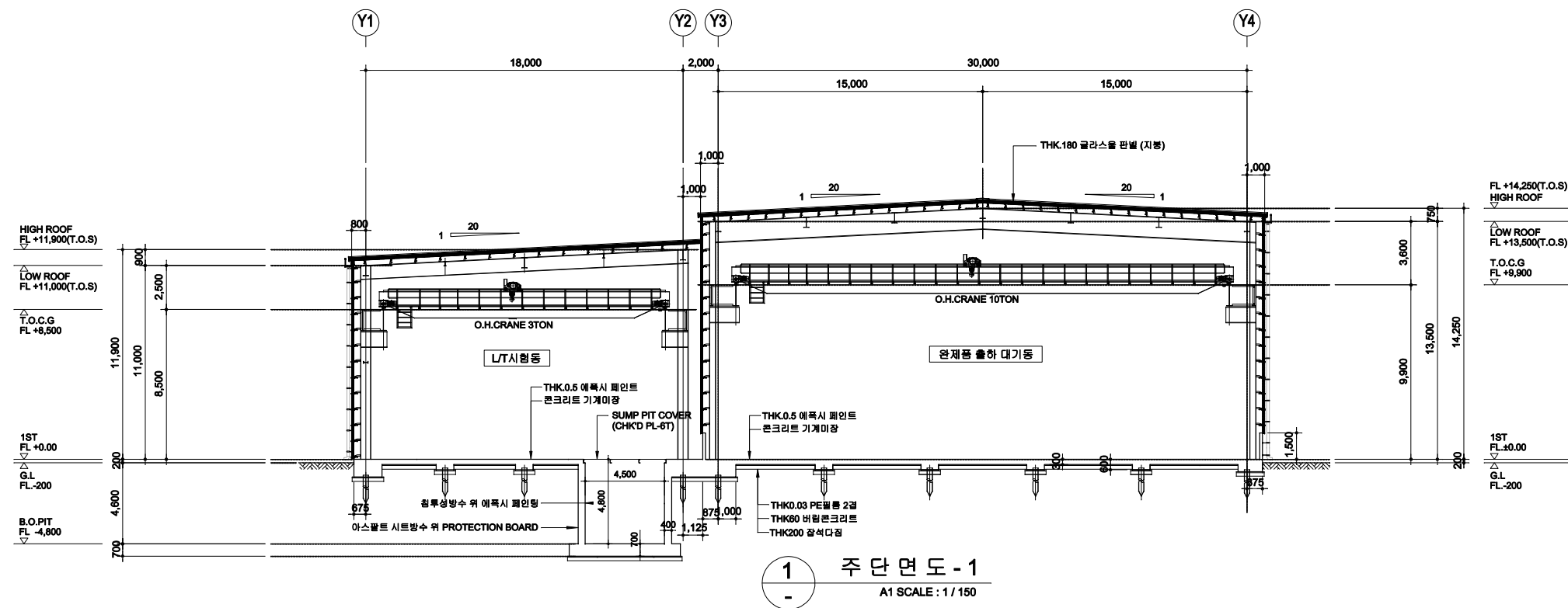
2 남측 입면도  
A1 SCALE : 1 / 150

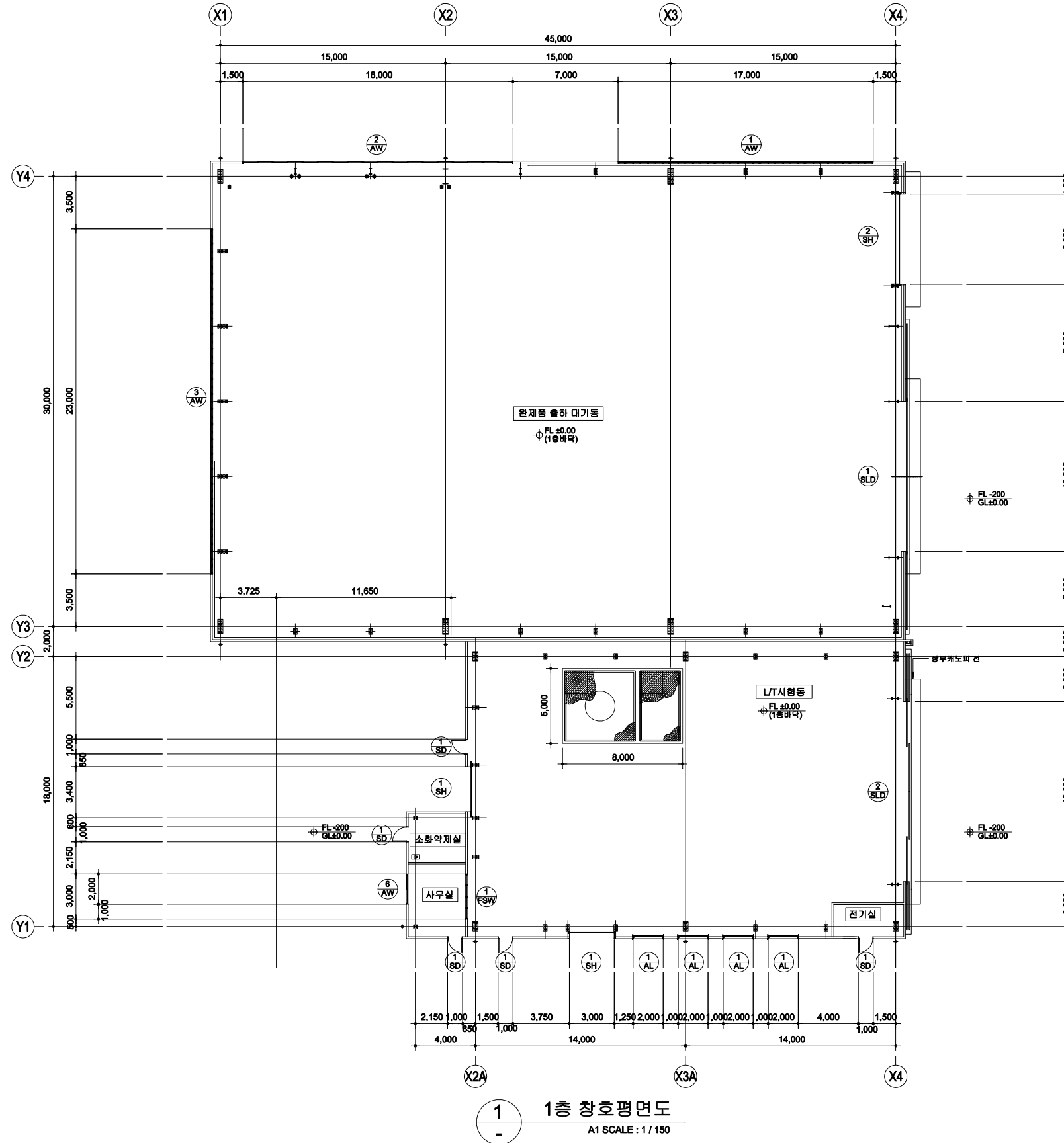
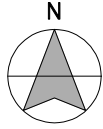


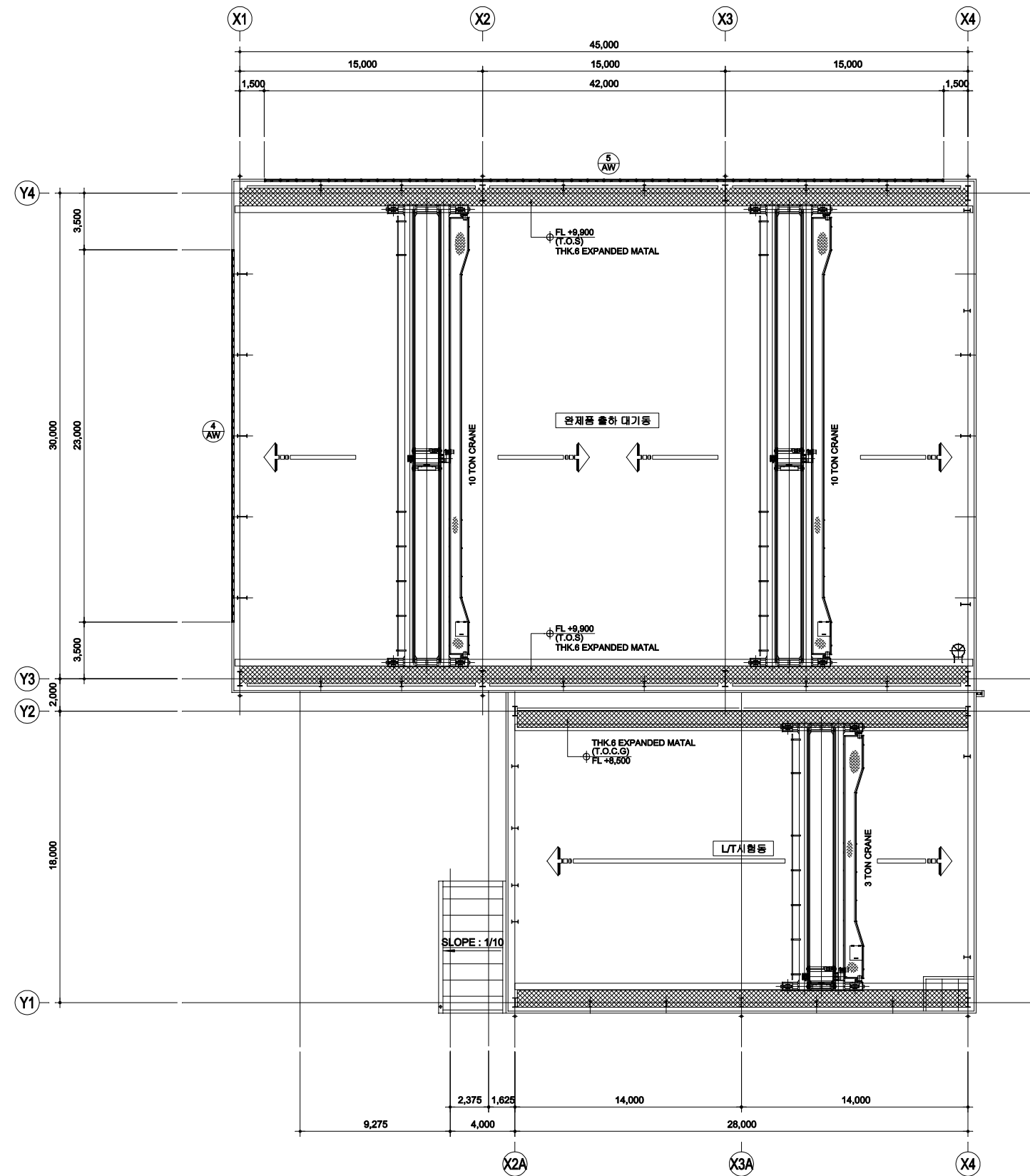
1 동측 입면도  
A1 SCALE : 1 / 150



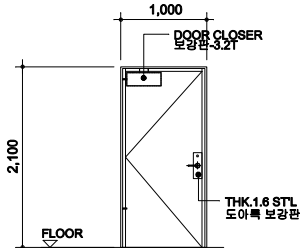
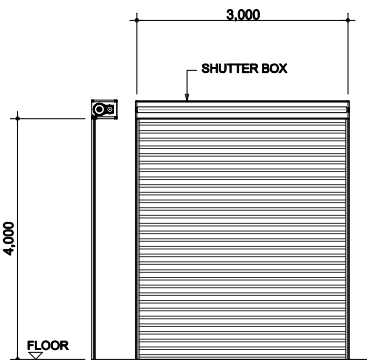
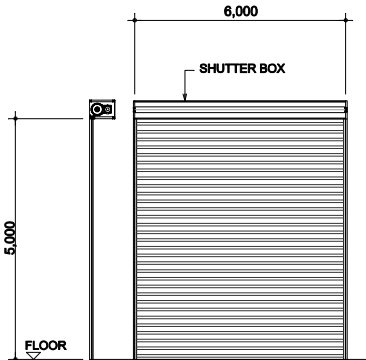
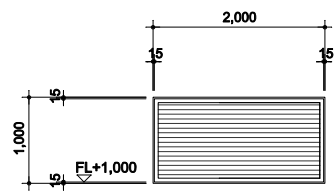
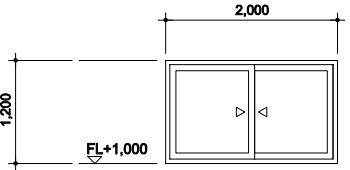
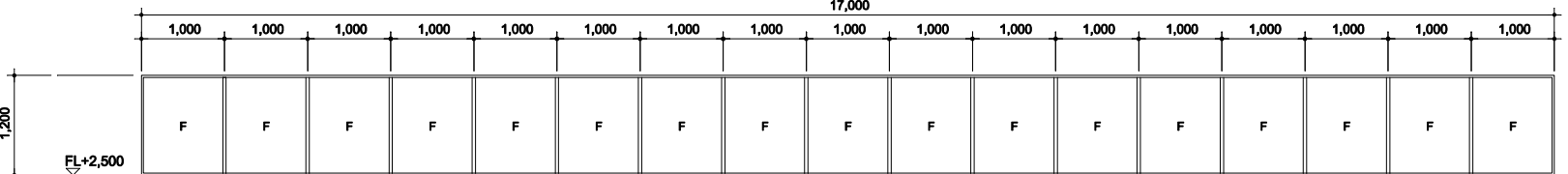
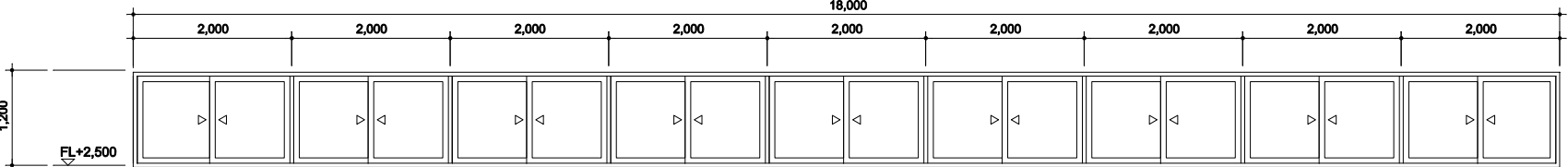
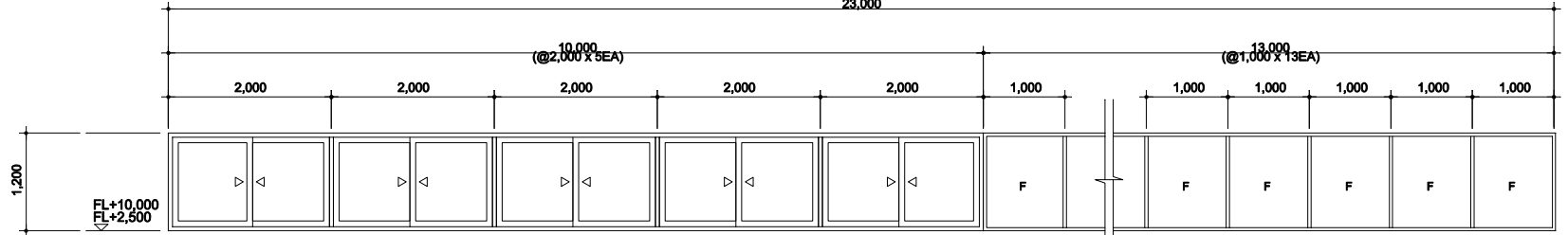
2 서측 입면도  
A1 SCALE : 1 / 150



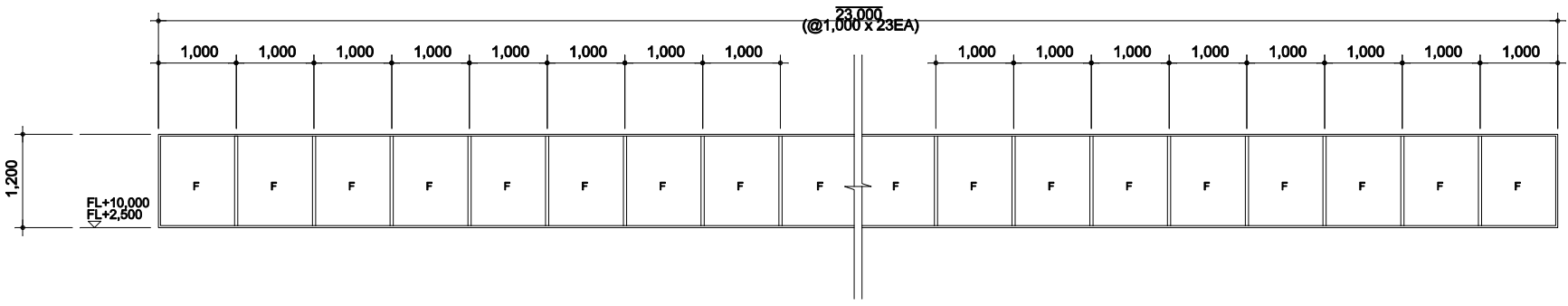
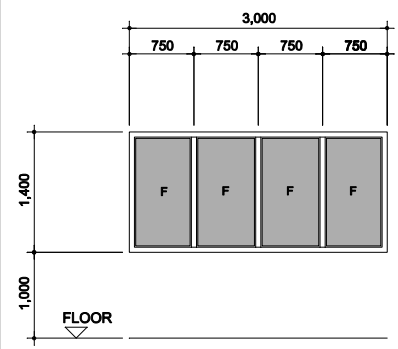


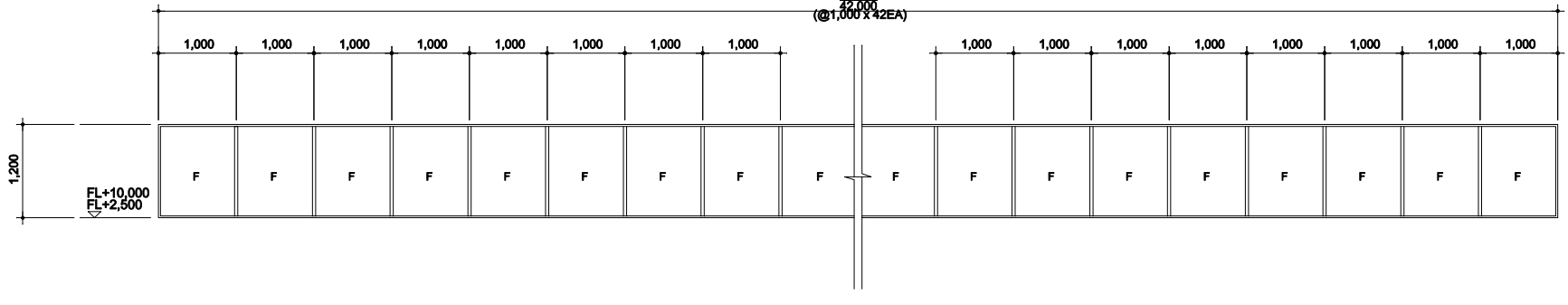


1 크레인 거더 창호 평면도  
A1 SCALE: 1 / 150

SYMBOL	FSD-1	SH-1	SH-2	AL-1	AW-6
SHAPE					
LEAVES	T0.8 양면철판(경전본채도장 지정색) W/HONEY 종보판	-	-	-	-
FRAME	T1.6 철재프레임	-	-	알루미늄 바	알루미늄 바(열교차단재적용)
FINISH	광명단 1회 위 유성페인트 2회	BY VENDOR	BY VENDOR	알루미늄 루버	THK10 강화유리
HARDWARE	피벗힌지 1조, 실린더 자물쇠 1개, 도어체크 1조, 도어스톱 1개, 손잡이 1개	내풍압 셔터(40m/s)	내풍압 셔터(40m/s)	-	BY VENDOR
LOCATION	LT시험동, 소화약제실, 사무실, 전기실	LT 시험동	LT 시험동	LT 시험동	LT 시험동
SYMBOL	AW-1				
SHAPE					
LEAVES	-				
FRAME	알루미늄 바(열교차단재적용)				
FINISH	THK10 강화유리				
HARDWARE	BY VENDOR				
LOCATION	원제품 출하 대기동				
SYMBOL	AW-2				
SHAPE					
LEAVES	-				
FRAME	알루미늄 바(열교차단재적용)				
FINISH	THK10 강화유리				
HARDWARE	BY VENDOR				
LOCATION	원제품 출하 대기동				
SYMBOL	AW-3				
SHAPE					
LEAVES	-				
FRAME	알루미늄 바(열교차단재적용)				
FINISH	THK10 강화유리				
HARDWARE	BY VENDOR				
LOCATION	원제품 출하 대기동				

DOOR TYPE  
SD 철제 문  
FSD 강종 철제 방화문  
SH 철제셔터(전동)  
FSH 철제 방화셔터(전동)  
SLD 슬라이딩 도어(전동)  
SPD 스프드 롤업 도어(전동)  
HD 행거 도어(전동)  
OHD 오버 행거 도어(전동)  
SSD 스테인레스 스틸 문  
AG 그릴창  
AW 알루미늄 창

SYMBOL	AW-4										FSW-1									
SHAPE																				
LEAVES	-										-									
FRAME	알루미늄 바(열교차단재적용)										스틸 바(열교차단재적용)									
FINISH	THK16 폴리카보네이트 채광판										고경장:THK7 방화유리 + PLDC FILM									
HARDWARE	BY VENDOR										BY VENDOR									
LOCATION	원재료 출하 대기동										L/T시험동									
SYMBOL	AW-5																			

SHAPE																				
LEAVES	-																			
FRAME	알루미늄 바(열교차단재적용)																			
FINISH	THK16 폴리카보네이트 채광판																			
HARDWARE	BY VENDOR																			
LOCATION	원재료 출하 대기동																			

NOTES

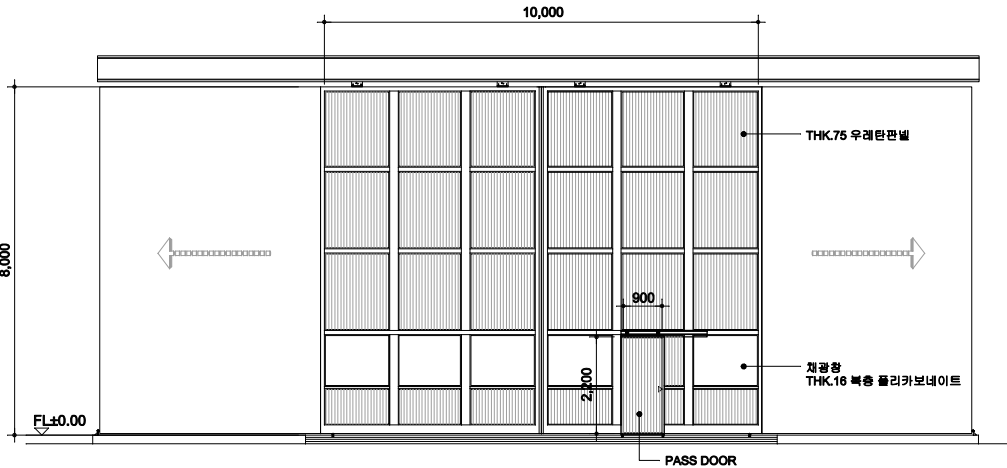
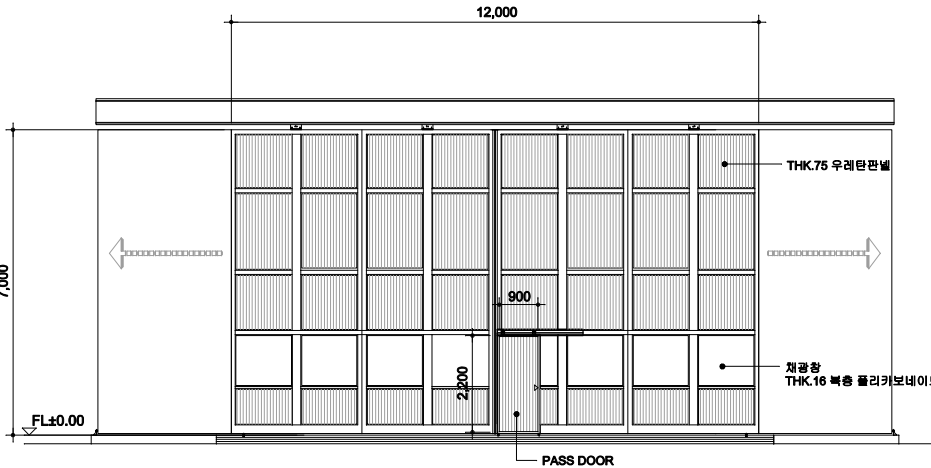
DOOR TYPE

- SD | 철재 문
- FSD | 강종 철재 방화문
- SH | 철재 셔터(전동)
- FSH | 철재 방화셔터(전동)
- SLD | 슬라이딩 도어(전동)
- SPD | 스프리드 출입 도어(전동)
- HD | 행거 도어(전동)
- OHHD | 오버 행거 도어(전동)
- SSD | 스테인레스 스틸 문
- AG | 그릴창
- AW | 알루미늄 창

■ 실내 재료 마감표

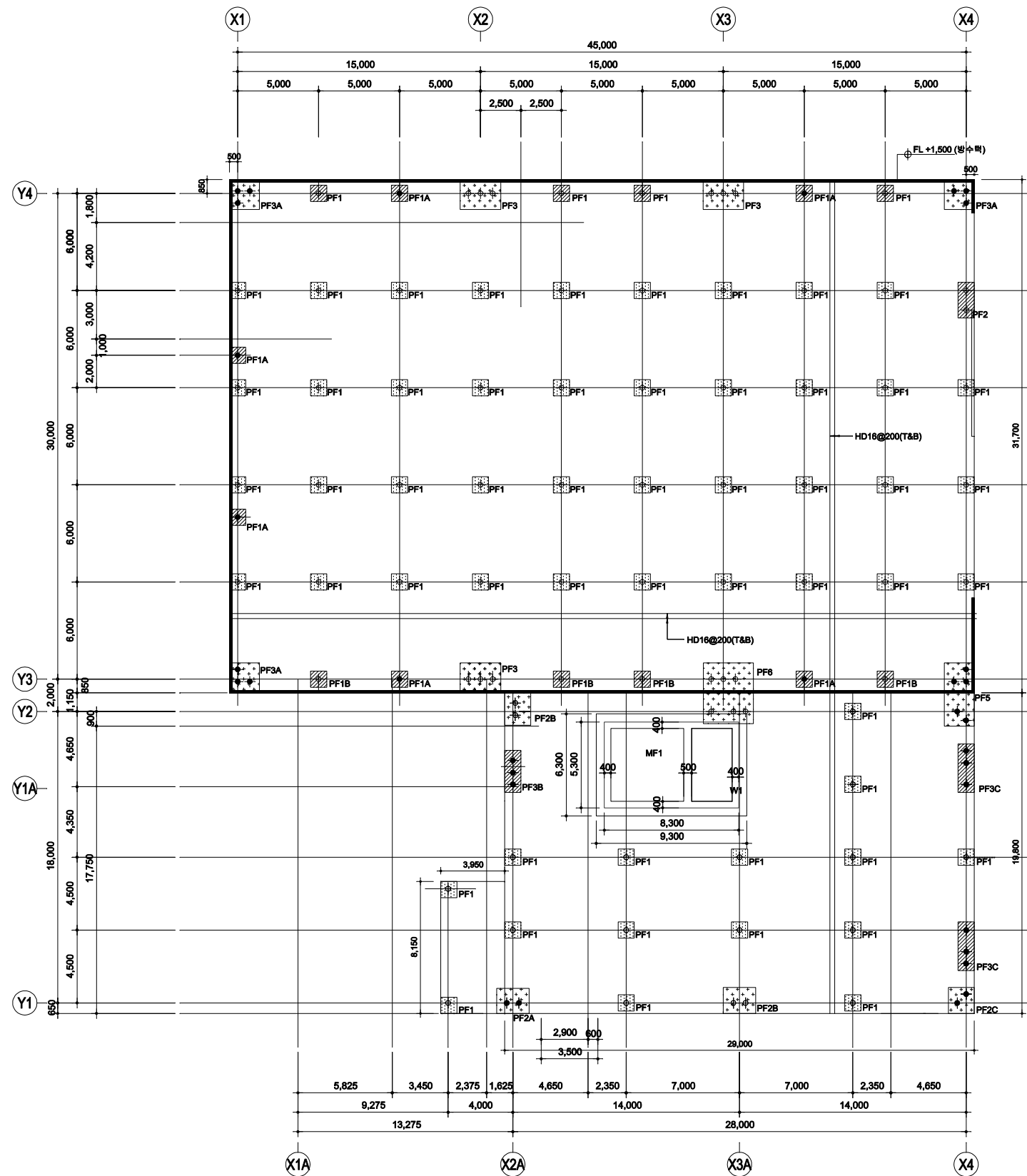
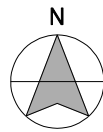
실 명	바 닥		하리벽 (H=1,000)			벽			천 장			
	바탕	마감재	바탕	마감재	상세번호	바탕	마감재	상세번호	바탕	마감재	천장고	상세번호
원재료 출하 대기동	콘크리트 기계미장	THK0.5 에폭시 페인트	-	재물치장 콘크리트 위 수성페인트	-	THK125 그라스울 판넬	-	-	-	-	-	-
컨테이너 하역장	콘크리트 기계미장	THK0.5 에폭시 페인트	-	-	-	THK125 그라스울 판넬	-	-	-	-	-	-
L/T시험동	콘크리트 기계미장	THK0.5 에폭시 페인트	-	-	-	THK125 그라스울 판넬	-	-	-	-	-	-
소화약재실	콘크리트 기계미장	THK0.5 에폭시 페인트	-	-	-	THK125 그라스울 판넬	-	-	-	-	-	-
사무실	콘크리트 기계미장	THK0.5 에폭시 페인트	-	-	-	THK125 그라스울 판넬	-	-	-	-	-	-
전기실	콘크리트 기계미장	THK0.5 에폭시 페인트	-	-	-	THK125 그라스울 판넬	-	-	-	-	-	-
옥외탱크저장소	콘크리트 기계미장	THK0.5 에폭시 페인트	-	-	-	THK125 그라스울 판넬	-	-	-	-	-	-



SYMBOL	AW-4		AW-4	
SHAPE				
	LEAVES		-	
	FRAME		-	
	FINISH		-	
	HARDWARE		BY VENDOR	
LOCATION	완제동 출하 대기동		LT 시험동	

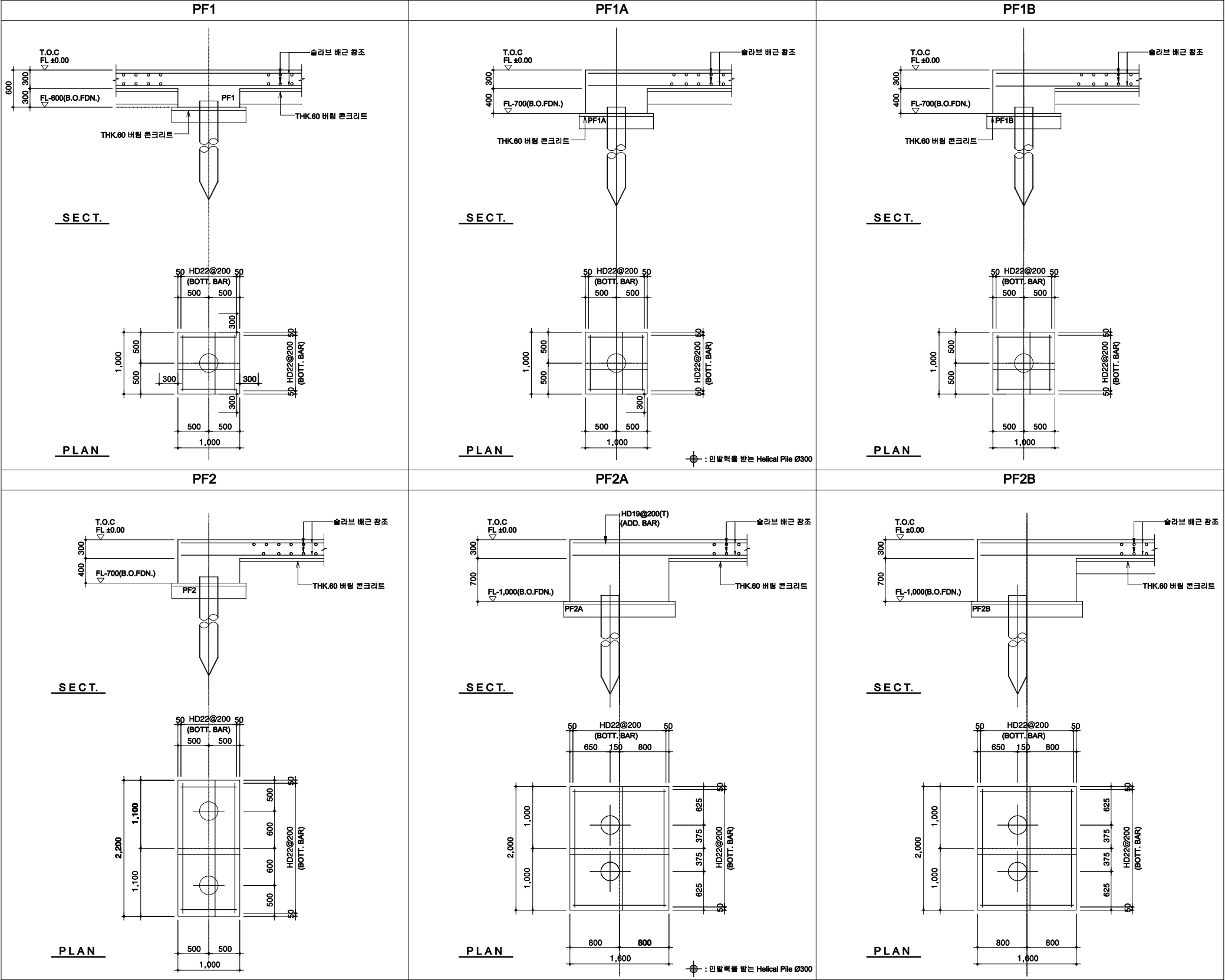
NOTES

- DOOR TYPE
- SD | 철제 문
  - FSD | 강종 철제 방화문
  - SH | 철제셔터(전동)
  - FSH | 철제 방화셔터(전동)
  - SLS | 슬라이딩 도어(전동)
  - SPD | 스프드 롤업 도어(전동)
  - HD | 합거 도어(전동)
  - OHD | 오버 합거 도어(전동)
  - SSD | 스테인레스 스틸 문
  - AG | 그릴창
  - AW | 알루미늄 창

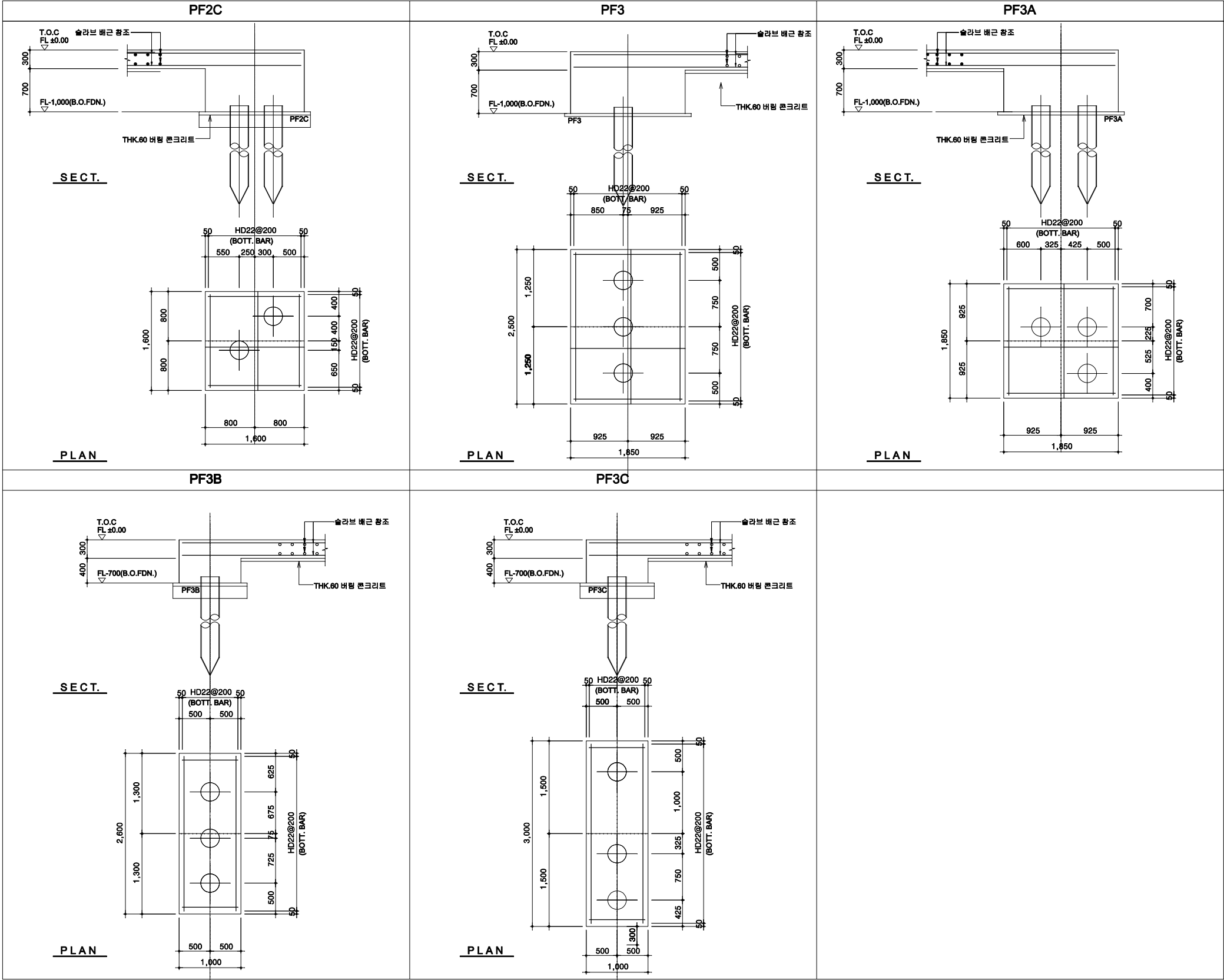


1 기초 평면도  
A1 SCALE : 1 / 150

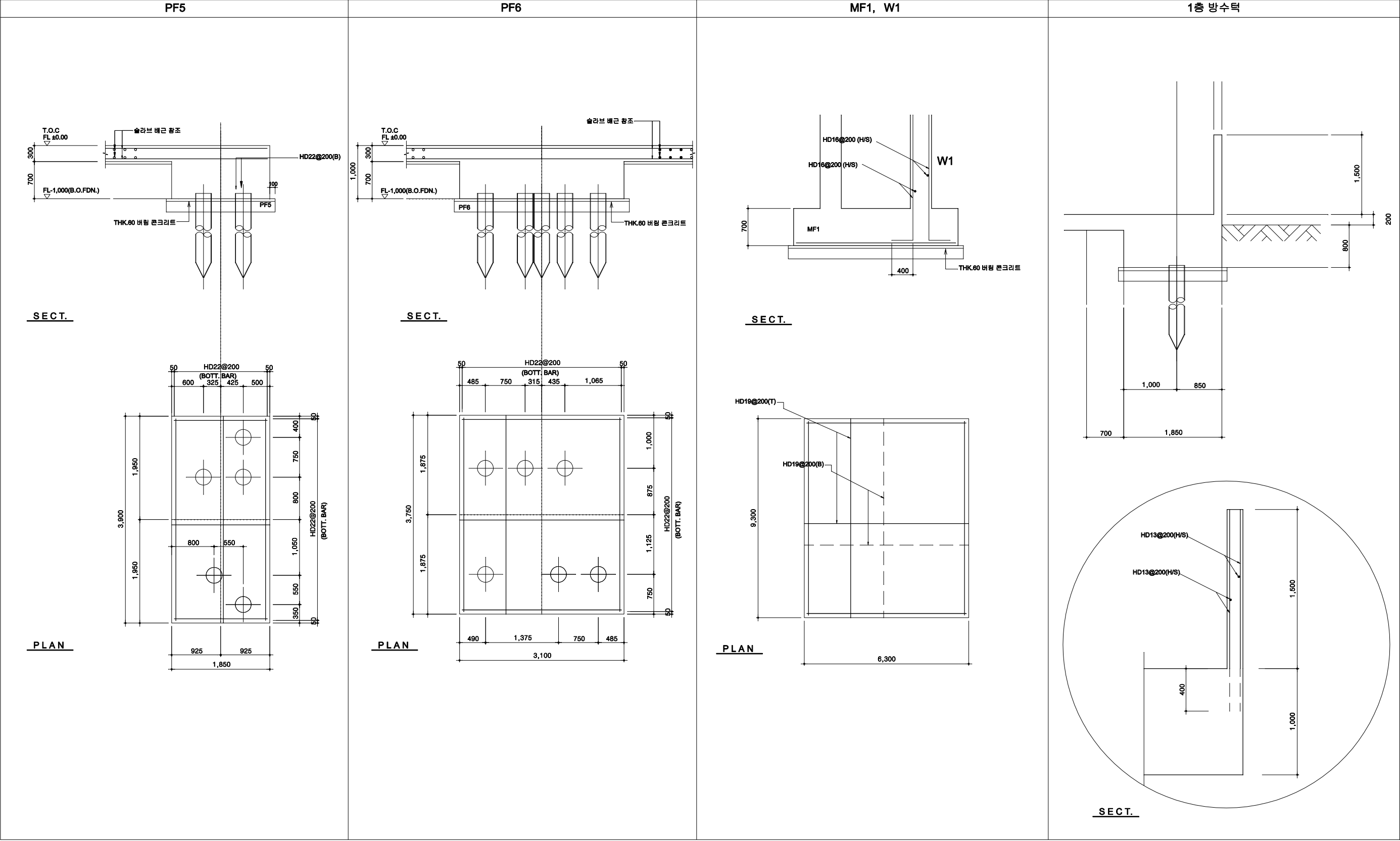
기 초 일 랑 표 - 1

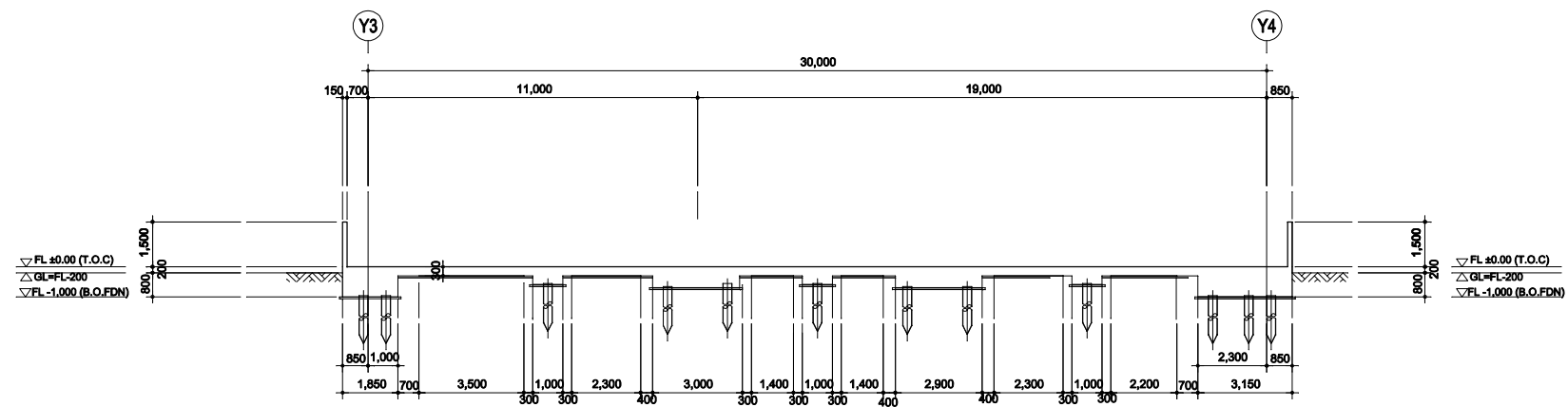


기 초 일 랑 표 - 2



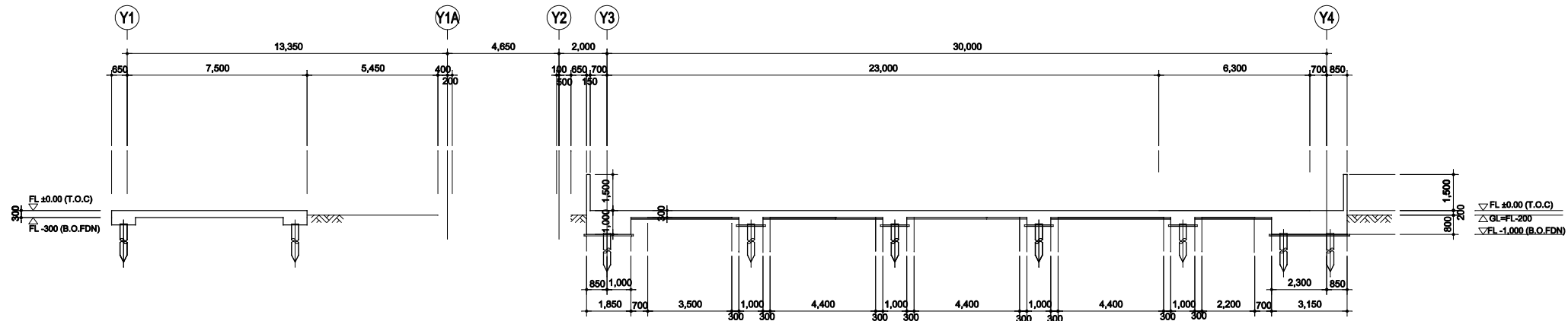
기 초 / 옹벽 일 램 표 - 3



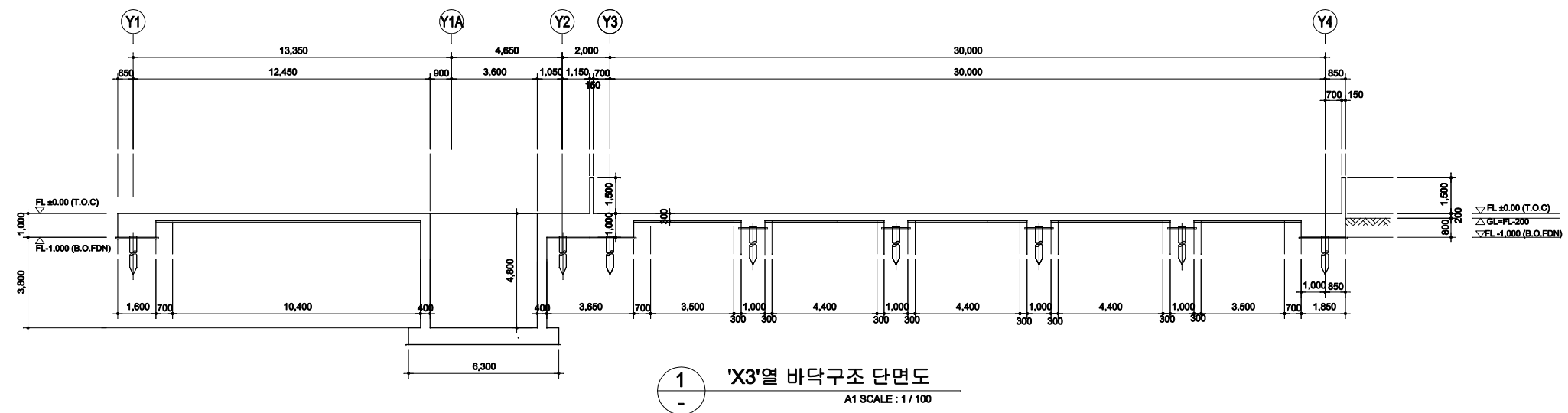
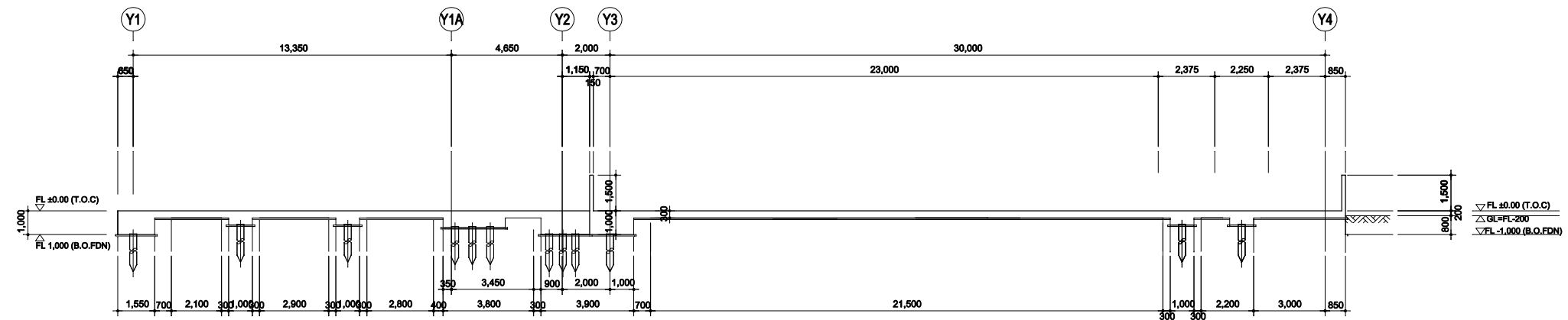


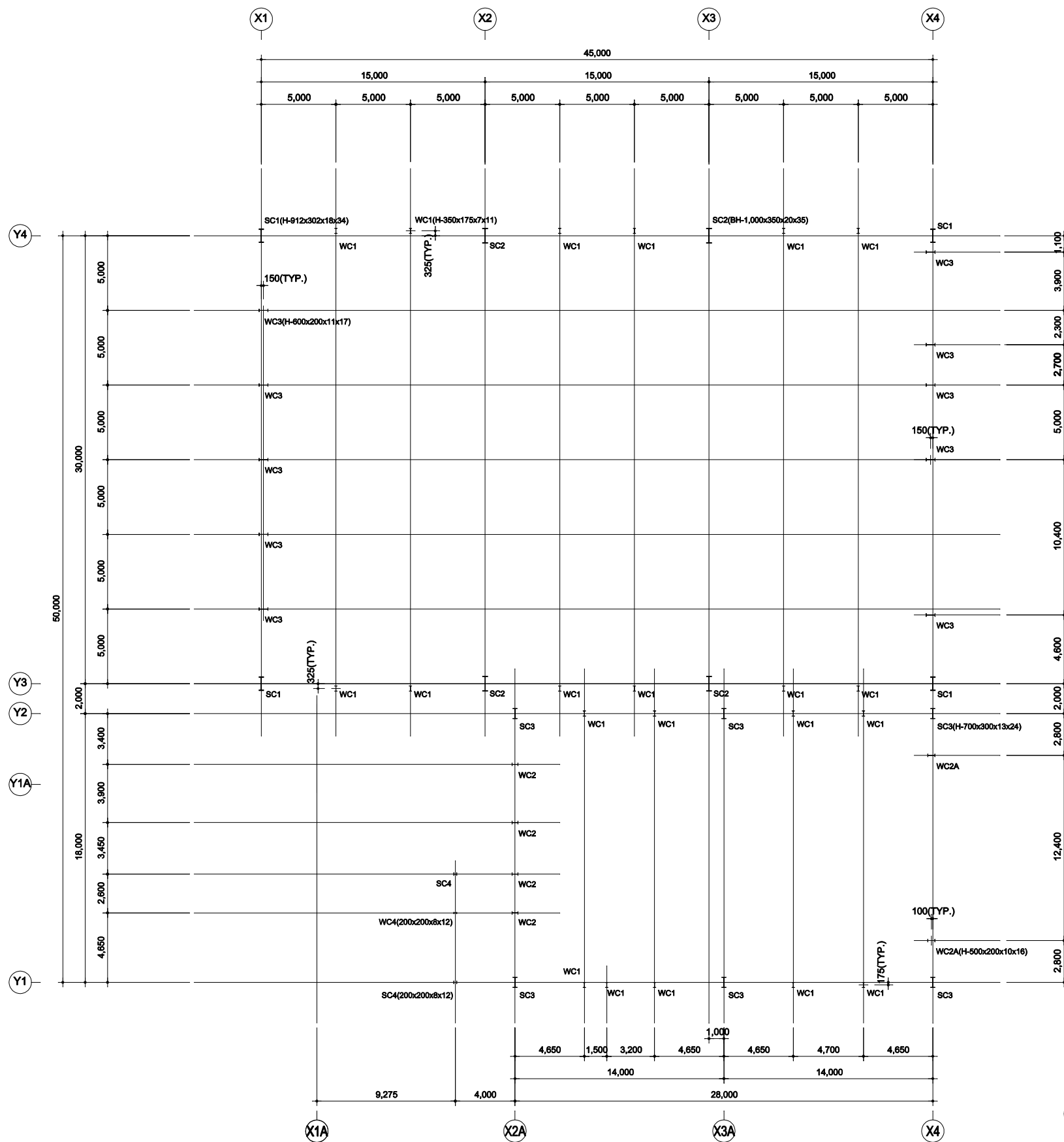
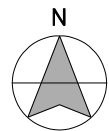
2 'X1A'열 바닥구조 단면도  
A1 SCALE : 1 / 100

1 'X1'열 바닥구조 단면도  
A1 SCALE : 1 / 100



3 'X2'열 바닥구조 단면도  
A1 SCALE : 1 / 100



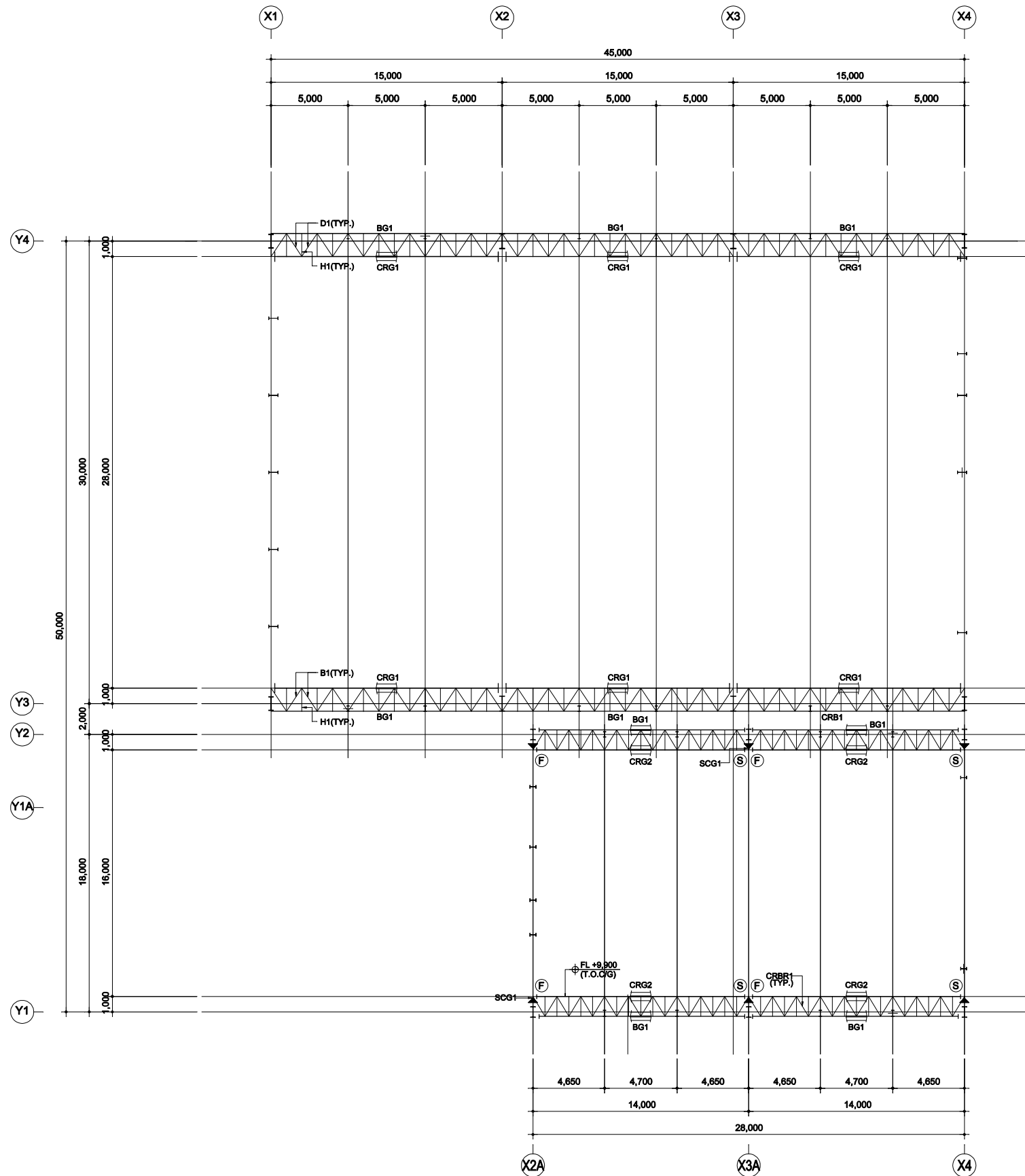
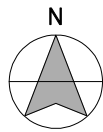


1 주심도  
SCALE : 1 / 150

MEMBER	SIZE	재 질	비 고
SC1	H-912x302x18x34	SN355	
SC2	BH-1000x350x20x35	SN355	
SC3	H-700x300x13x24	SN275B	
SC4	200x200x8x12	SN275B	
WC1	H-350x175x7x11	SN275B	
WC2	H-400x200x8x13	SN275B	
WC2A	H-500x200x10x16	SN275B	
WC3	H-600x200x11x17	SN275B	
WC4	H-200x200x8x12	SN275B	

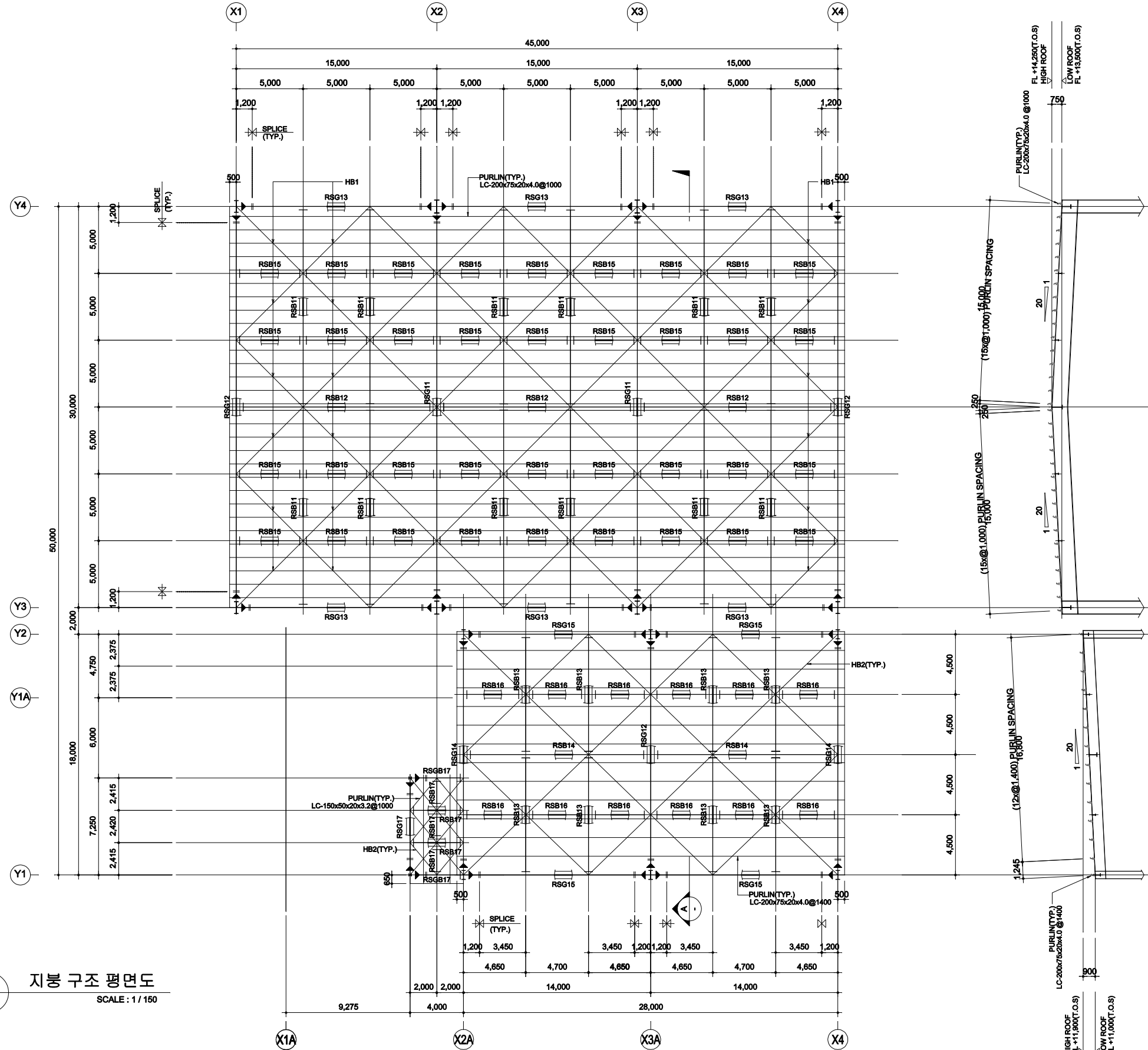
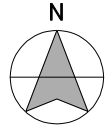






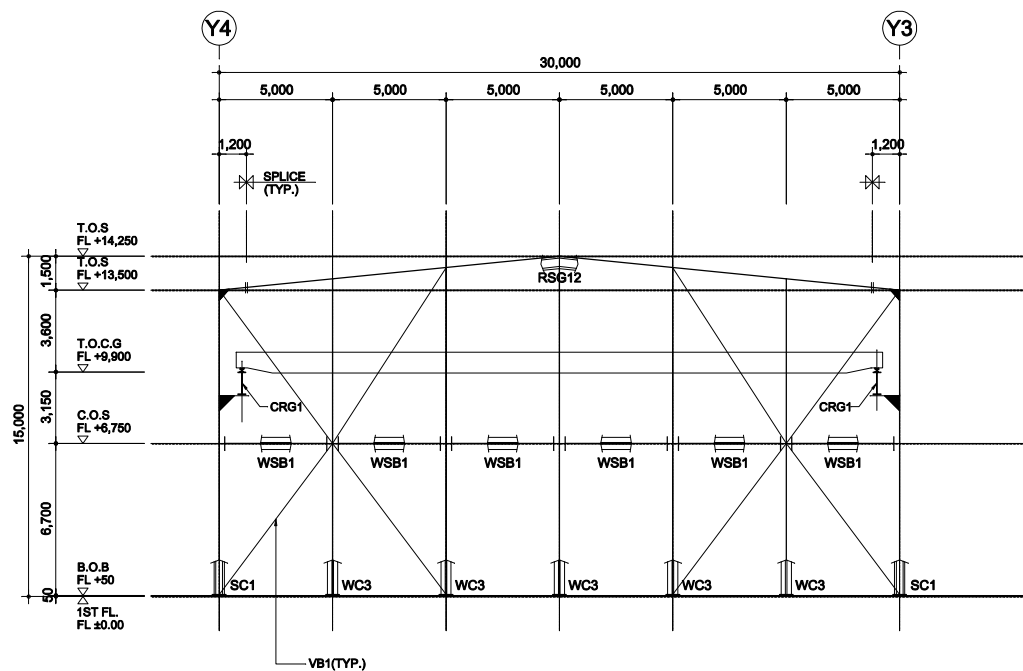
1 크레인 평면도  
SCALE : 1 / 150

MEMBER	SIZE	재 질	비 고
CRG1	BH-1000x350x20x35	SN355	
CRG2	H-792x300x14x22	SN355B	
BG1	CT-125x250x8x14	SN275B	
H1	L-75x75x6	SS275	
H2	L-65x65x6	SS275	
D1	L-75x75x6	SS275	
D2	L-65x65x6	SS275	

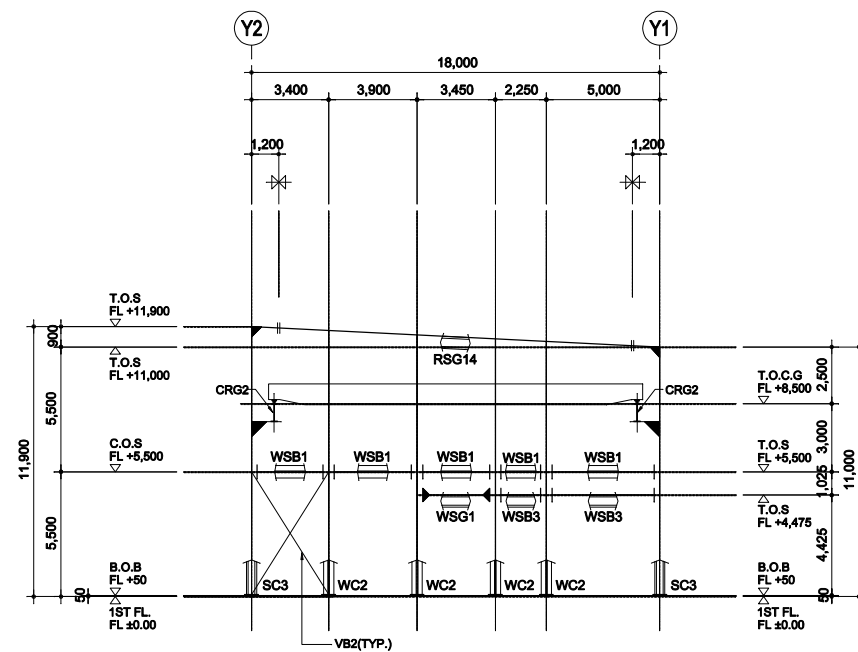


1 지붕 구조 평면도  
SCALE : 1 / 150

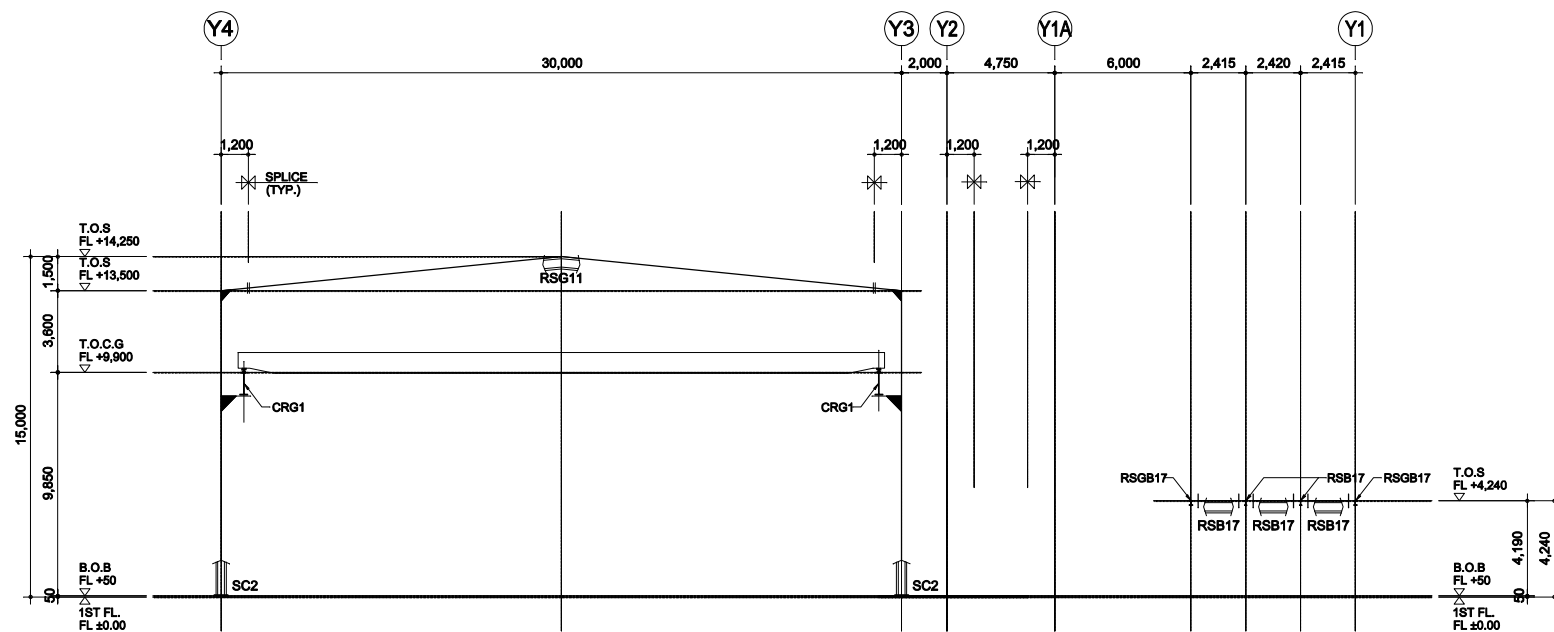
MEMBER	SIZE	재질	비고
RSG11	BH-1200x350x20x35	SN355	
RSG12	H-792x300x14x22	SN275B	
RSG13	H-692x300x13x20	SN275B	
RSG14	H-588x300x12x20	SN275B	
RSG15	H-400x200x8x13	SN275B	
RSG16	H-294x200x8x12	SN275B	
RSG17	H-194x150x6x9	SN275B	
RSGB17	H-194x150x6x9	SN275B	
RSB11	H-692x300x13x20	SN275B	
RSB12	H-792x300x14x22	SN275B	
RSB13	H-400x200x8x13	SN275B	
RSB14	H-588x300x12x20	SN275B	
RSB15	H-300x150x6.5x8	SN275B	
RSB16	H-250x125x6x9	SN275B	
RSB17	H-200x100x5.5x8	SN275	
HB1	L-100x100x7	SS275	
HB2	L-65x65x7	SS275	



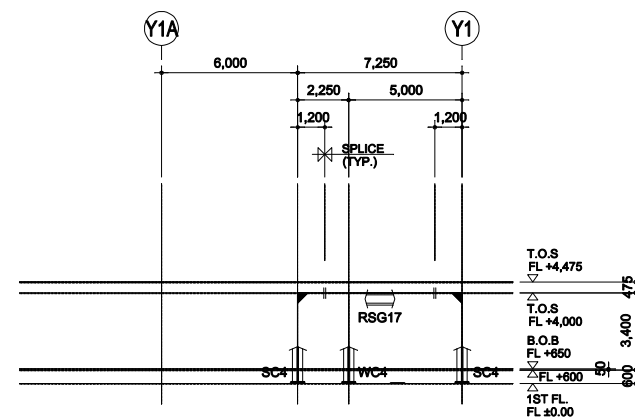
1 X1열 구조 입면도  
A1 SCALE : 1 / 150



3 X2A열 구조 입면도  
A1 SCALE : 1 / 150

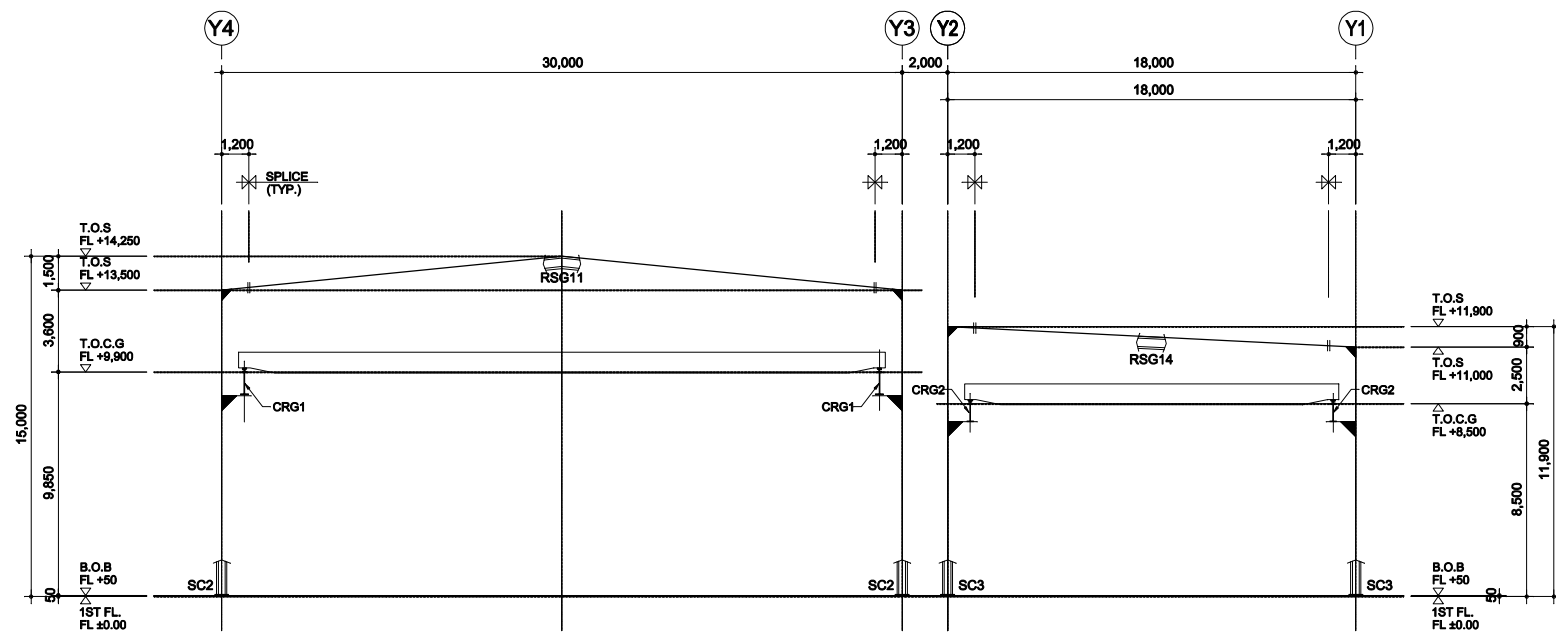


2 X2열 구조 입면도  
A1 SCALE : 1 / 150

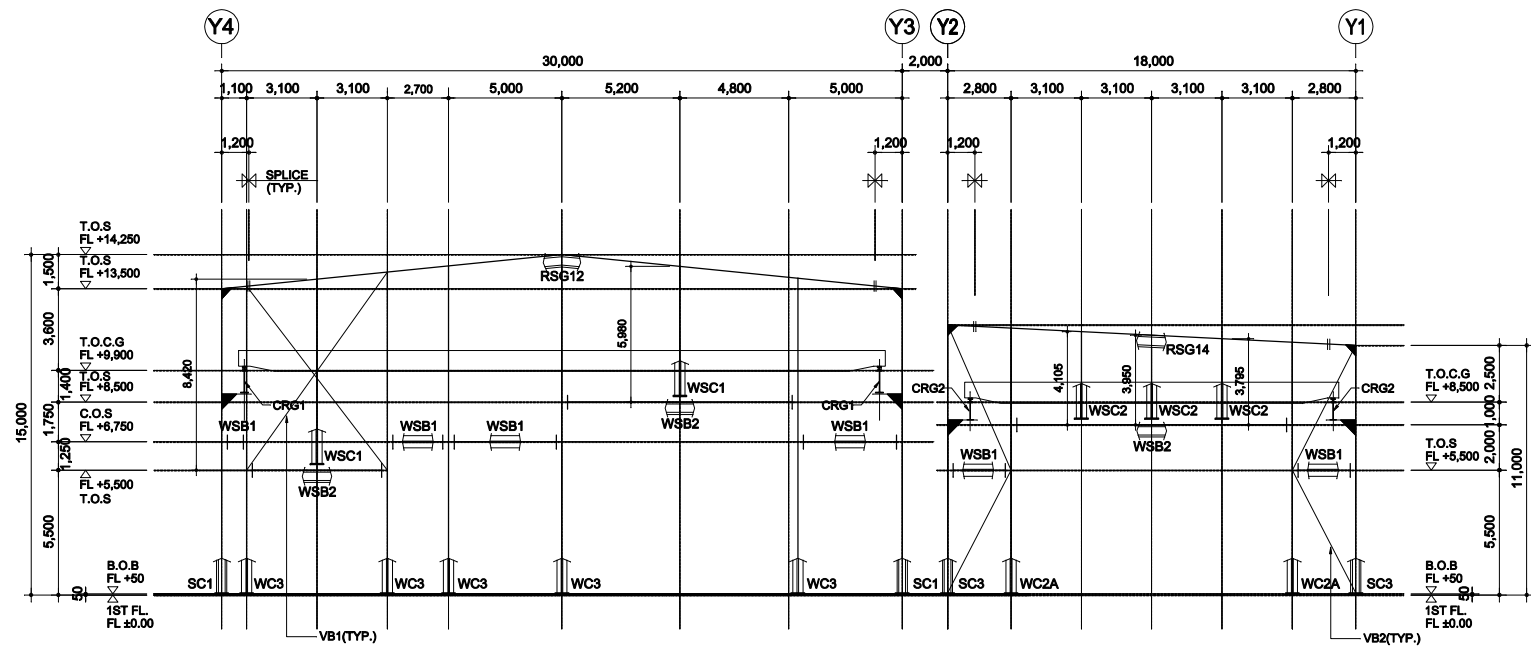


4 X1A열 구조 입면도  
A1 SCALE : 1 / 150

MEMBER	SIZE	재질	비고
SC1	H-912x302x18x34	SN355	
SC3	H-700x300x13x24	SN275B	
WC2	H-400x200x8x13	SN275B	
WC3	H-600x200x11x17	SN275B	
WC4	H-200x200x8x12	SN275B	
RSG11	BH-1200x350x20x35	SN355	
RSG12	H-792x300x14x22	SN275B	
RSG14	H-588x300x12x20	SN275B	
RSG16	H-294x200x8x12	SN275B	
RSG17	H-194x150x6x9	SN275B	
RSG17	H-194x150x6x9	SN275B	
RSB17	H-200x100x5.5x8	SN275	
WSG1	H-200x200x8x12	SN275B	
WSB1	H-250x125x6x9	SN275B	
WSB2	H-488x300x11x18	SN275B	
WSB3	H-194x150x6x9	SN275B	
VB1	H-208x202x10x16	SN275B	
VB2	2=250x90x9x13	SS275	
CRB1	H-1,000x350x20x35	SN355	

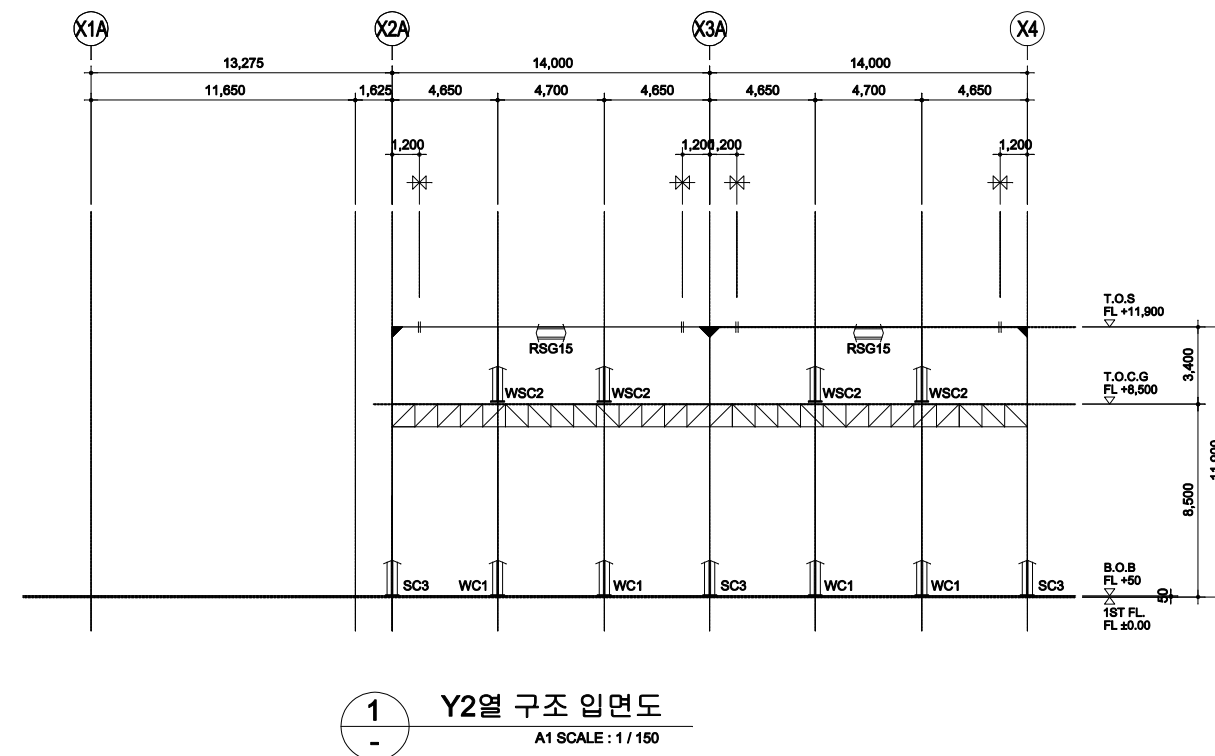
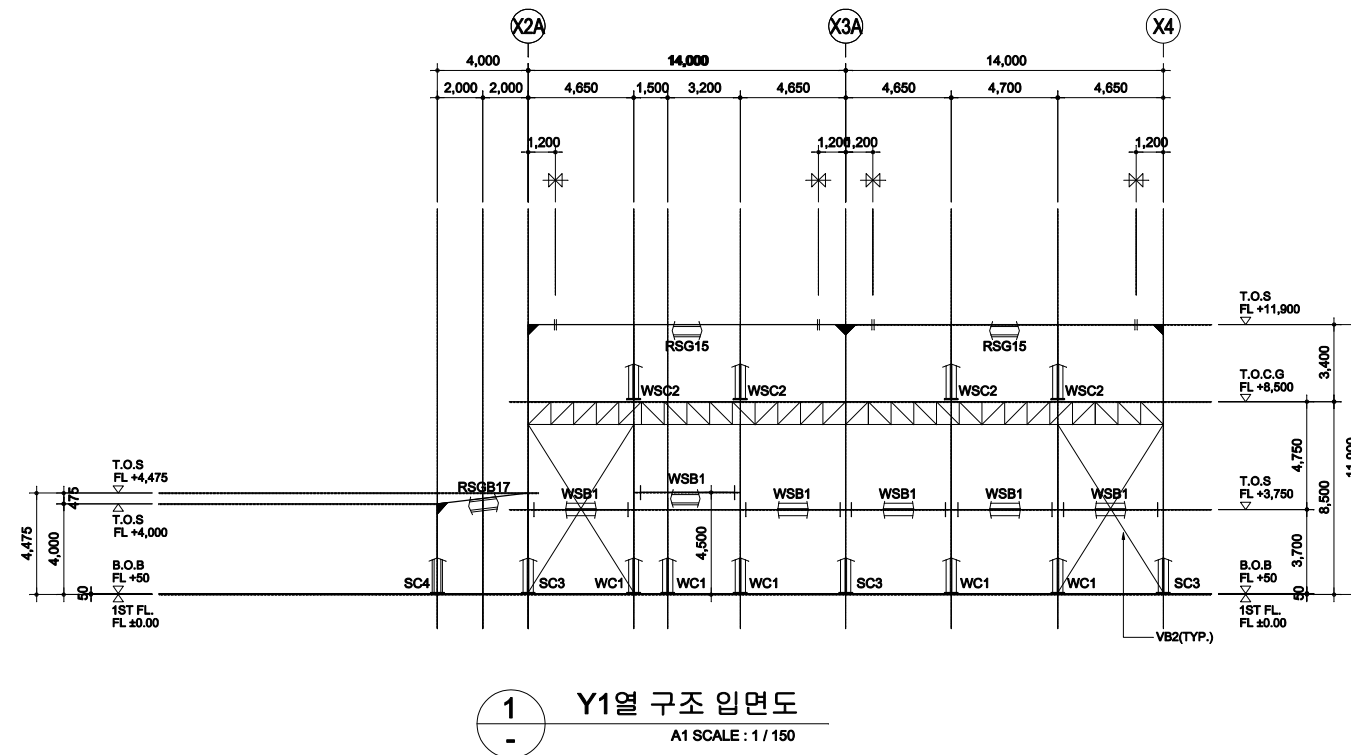


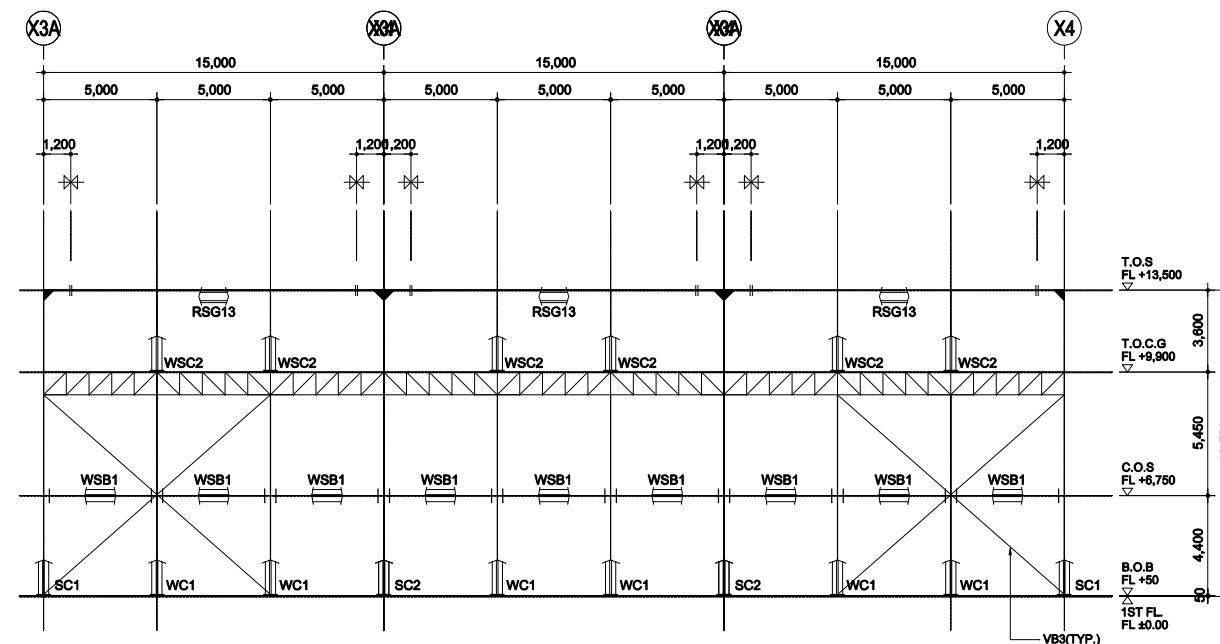
1 X3열 구조 입면도  
A1 SCALE : 1 / 150



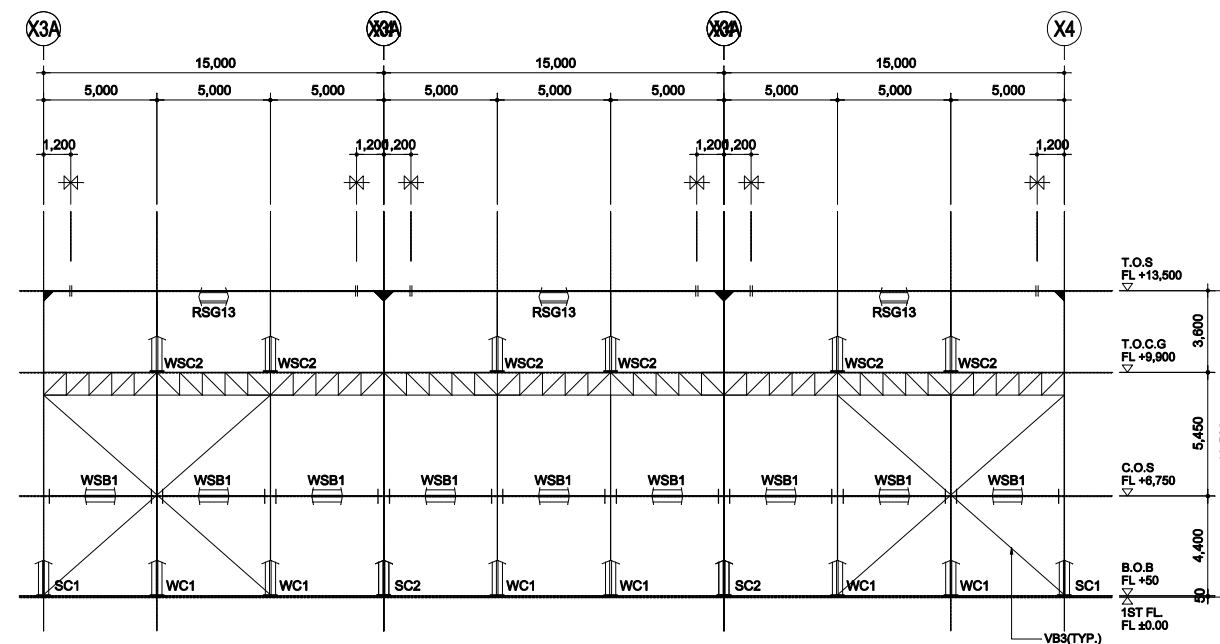
2 X4열 구조 입면도  
A1 SCALE : 1 / 150

MEMBER	SIZE	재질	비고
SC1	H-912x302x18x34	SN355	
SC2	BH-1000x350x20x35	SN355	
SC3	H-700x300x13x24	SN275B	
WC2A	H-600x200x10x16	SN275B	
WC3	H-600x200x11x17	SN275B	
WSC1	H-350x175x7x11	SN275B	
WSC2	H-250x125x6x9	SN275B	
RSG11	BH-1200x350x20x35	SN355	
RSG12	H-792x300x14x22	SN275B	
RSG14	H-588x300x12x20	SN275B	
WSB1	H-250x125x6x9	SN275B	
WSB2	H-488x300x11x18	SN275B	
VB1	H-208x202x10x16	SN275B	
VB2	2= -250x90x9x13	SS275	
CRG1	H-1,000x350x20x35	SN355	
CRG2	H-792x300x14x22	SN355	





1 Y3열 구조 입면도  
A1 SCALE : 1 / 150



1 Y4열 구조 입면도  
A1 SCALE : 1 / 150

**A1 SCALE : 1 / 20**

**SC1 (BP1)**

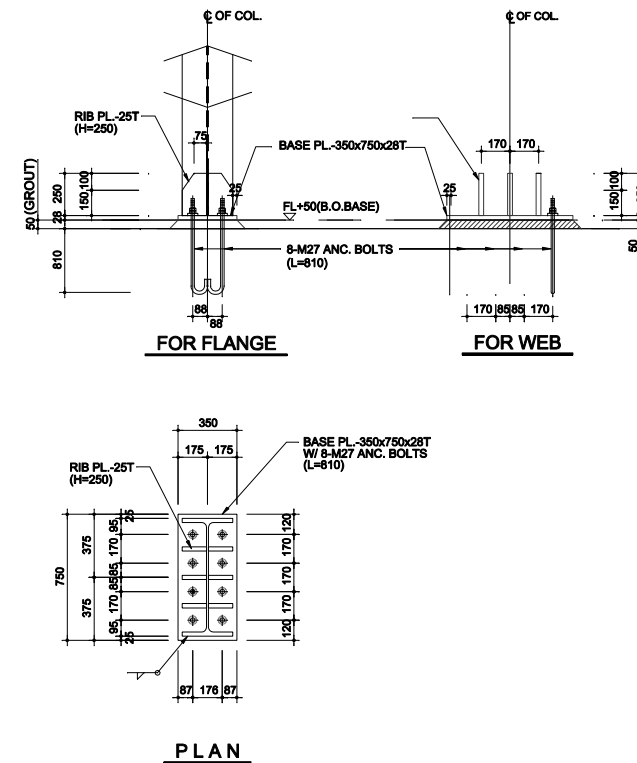
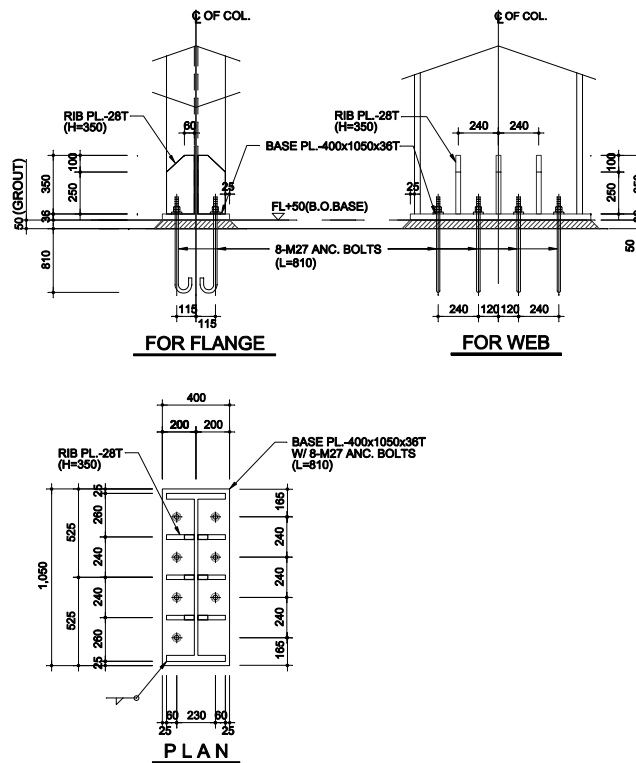
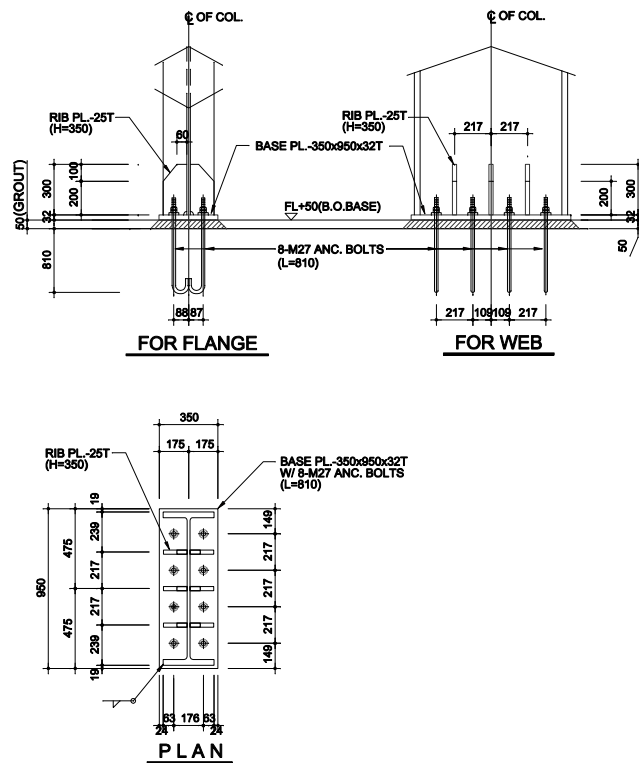
**H-912x302x18x34**

SC2(BP2)

**BH-1,000x350x20x35**

**SC3 (BP3)**

**H-700x300x13x24**

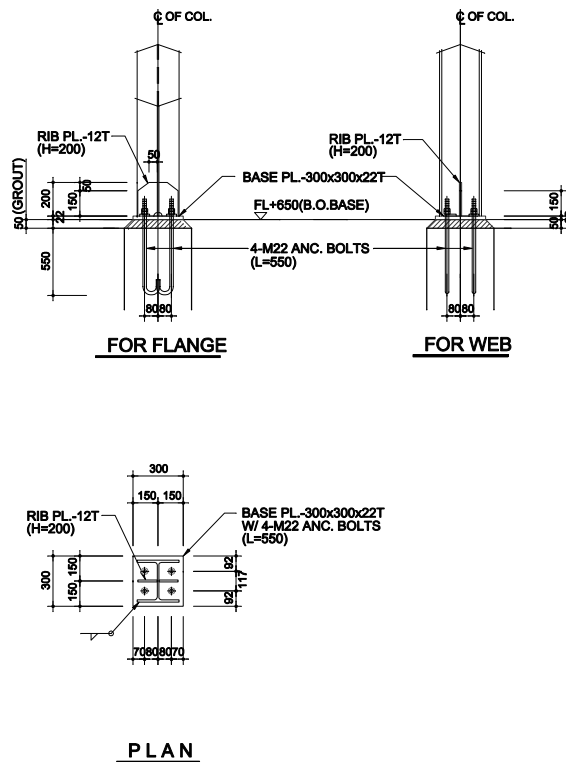
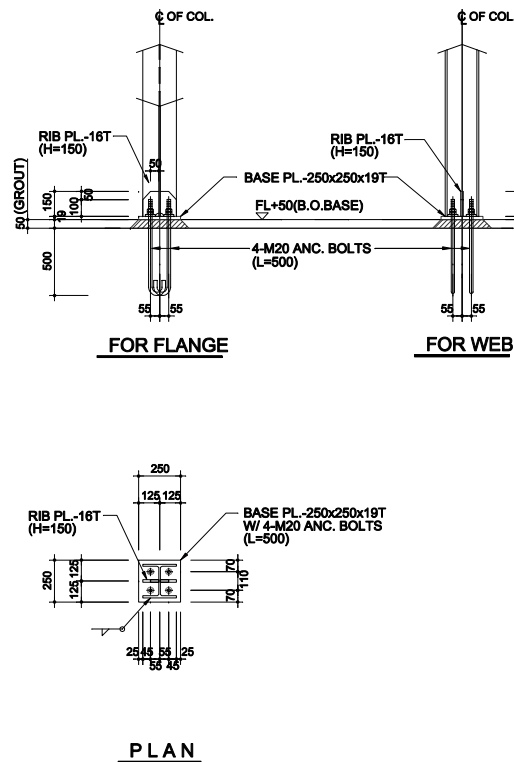


SC4 (BP4)

**H-200x200x8x12**

**SC5 (BP5)**

**H-250x250x9x14**

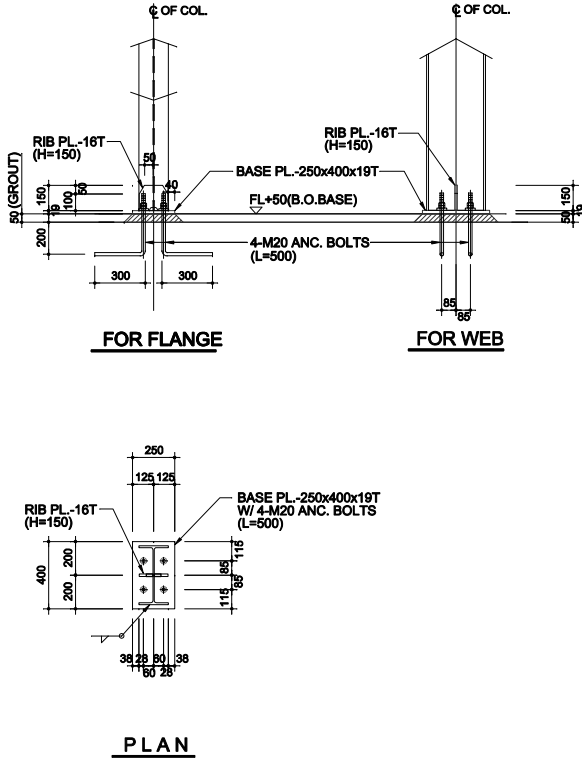
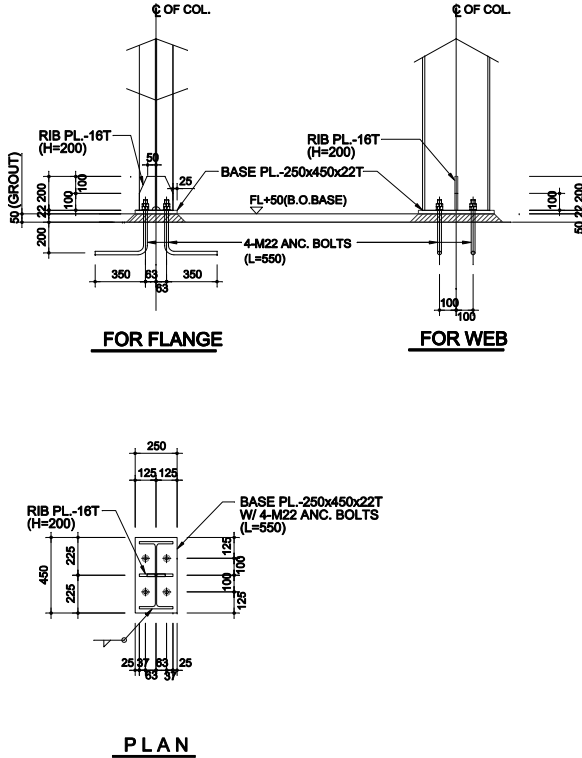
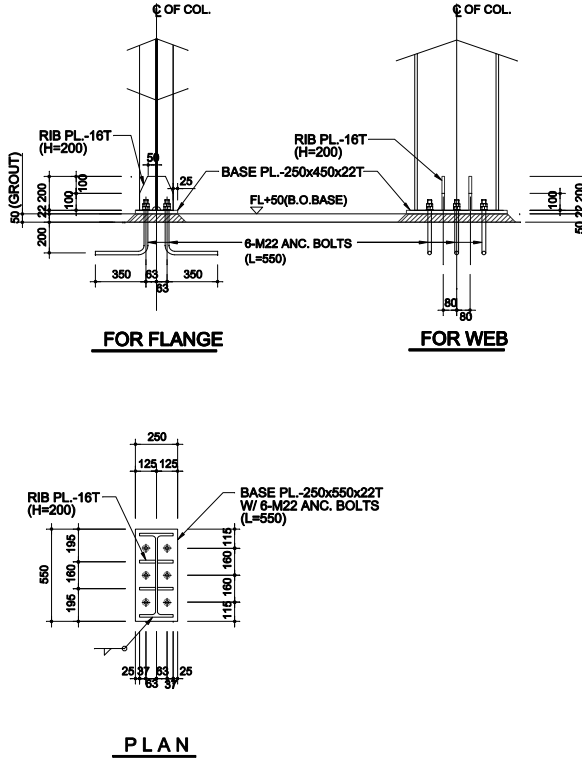
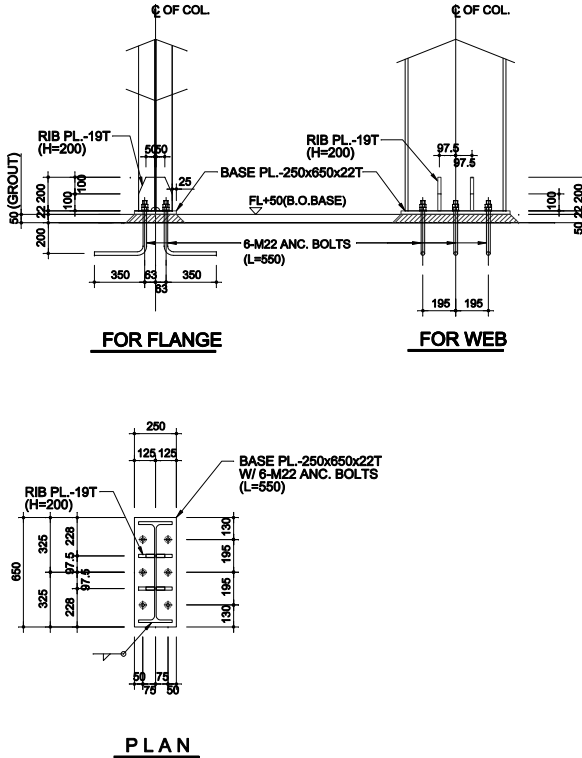
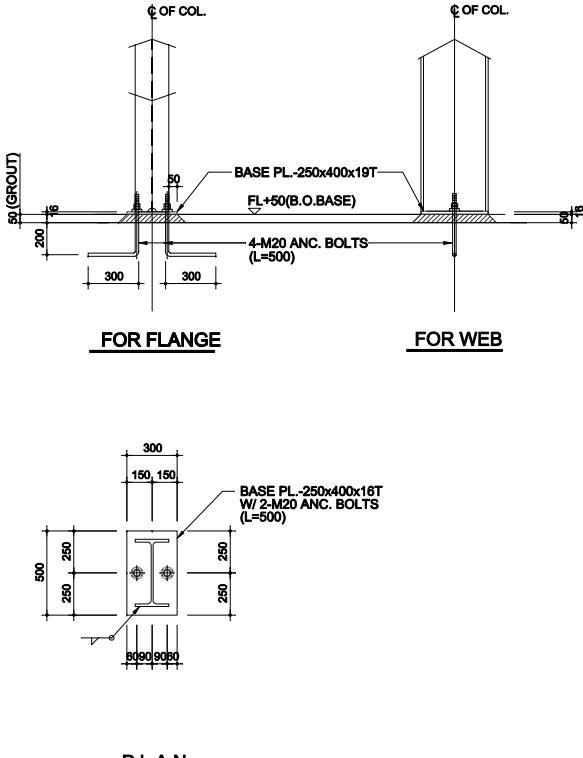


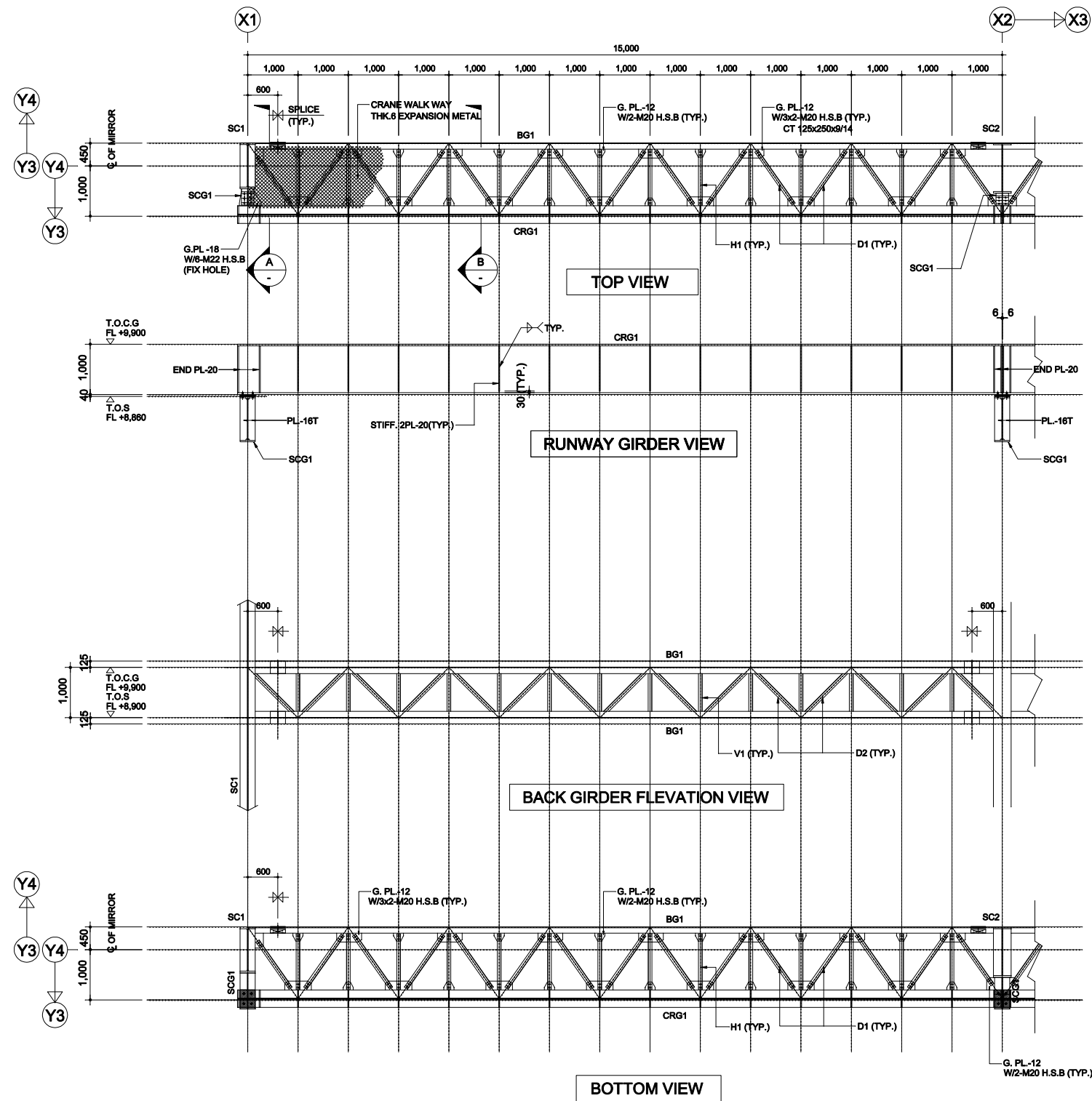


1

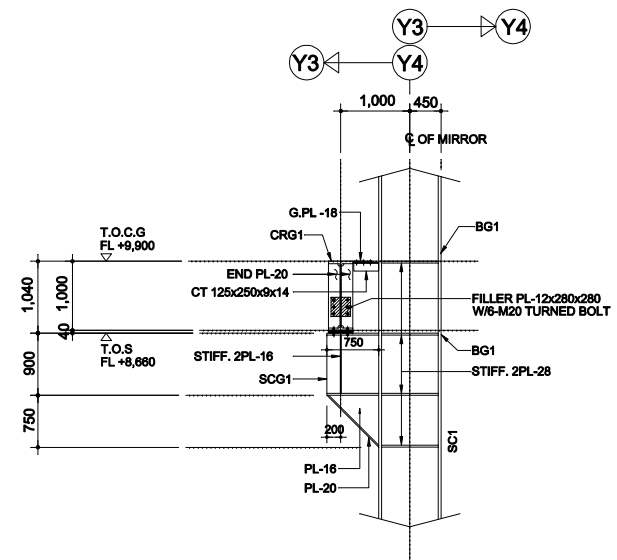
베이스 플레이트 상세도 - 2

A1 SCALE : 1 / 20

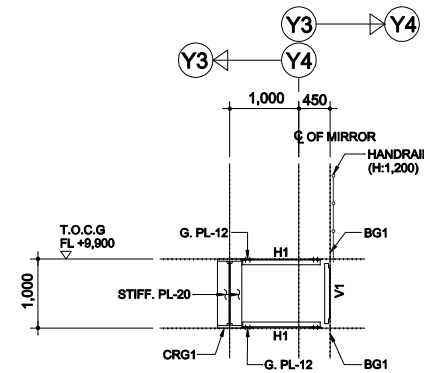
WC1 (BP11)	H-350x175x7x11	WC2 (BP12)	H-400x200x8x13	WC2A (BP12)	H-500x200x10x16
					
WC3 (BP13)	H-600x200x11x17	WC4 (BP14)	H-200x100x5.5x8		
					



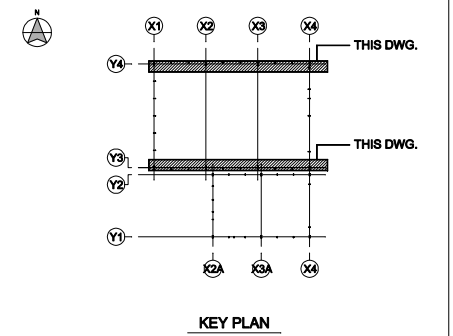
1 크레인거더 상세도 - 1  
A1 SCALE : 1 / 50



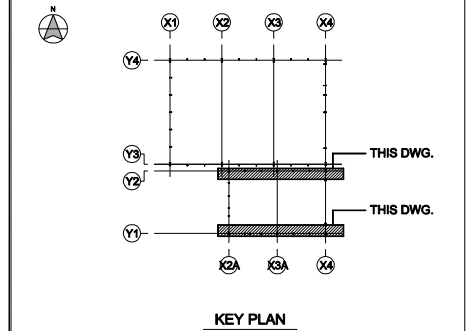
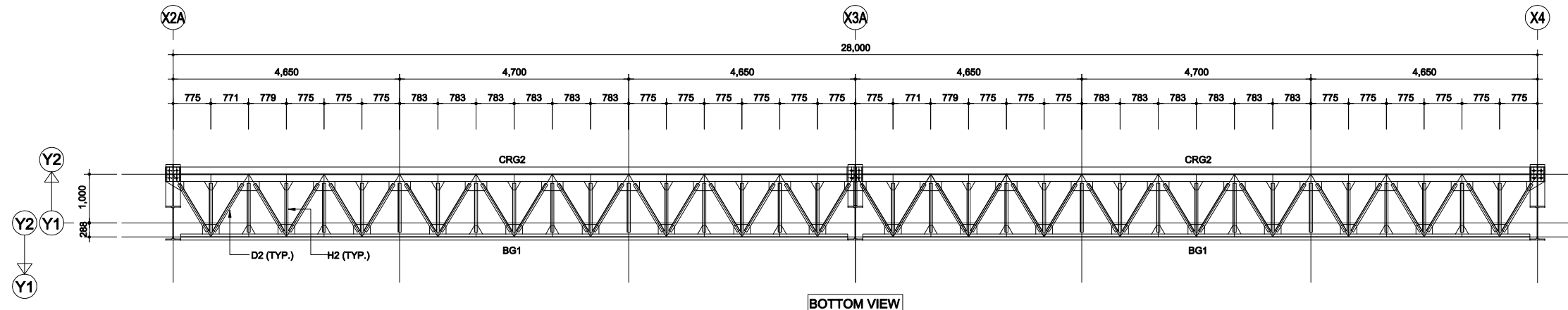
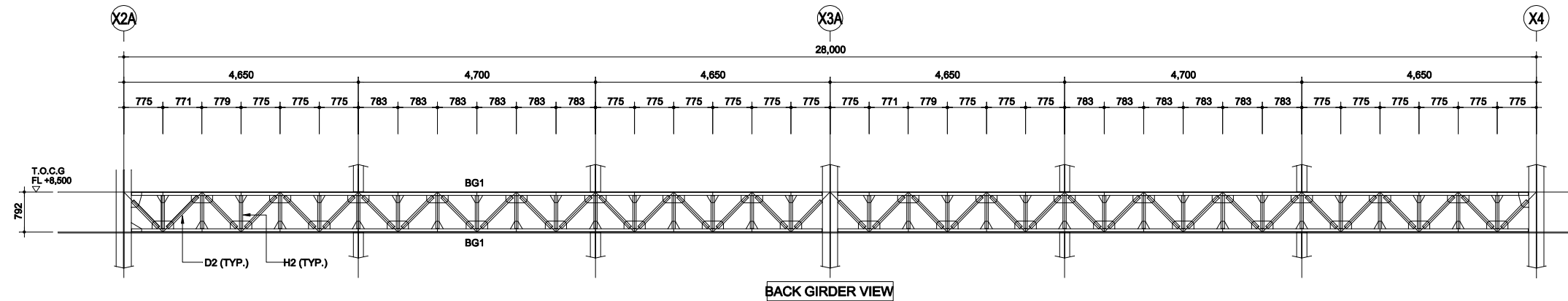
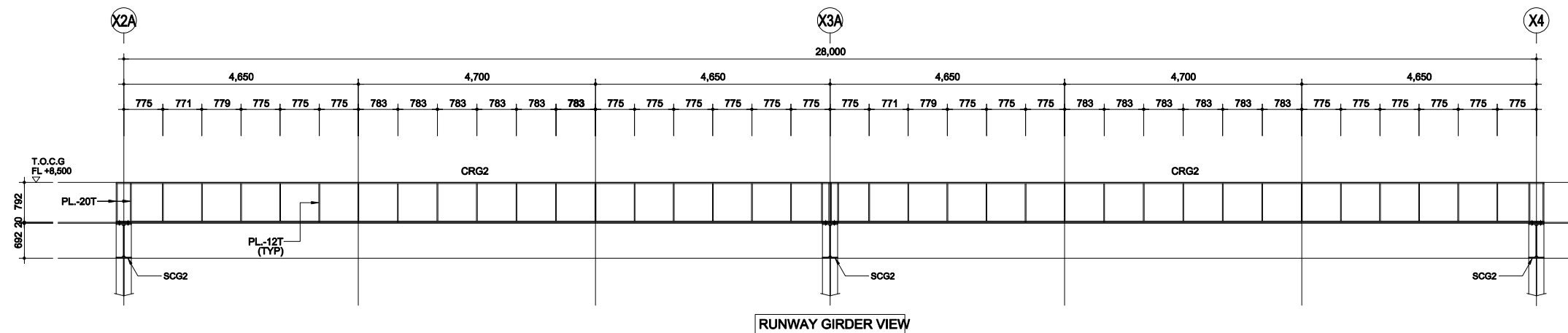
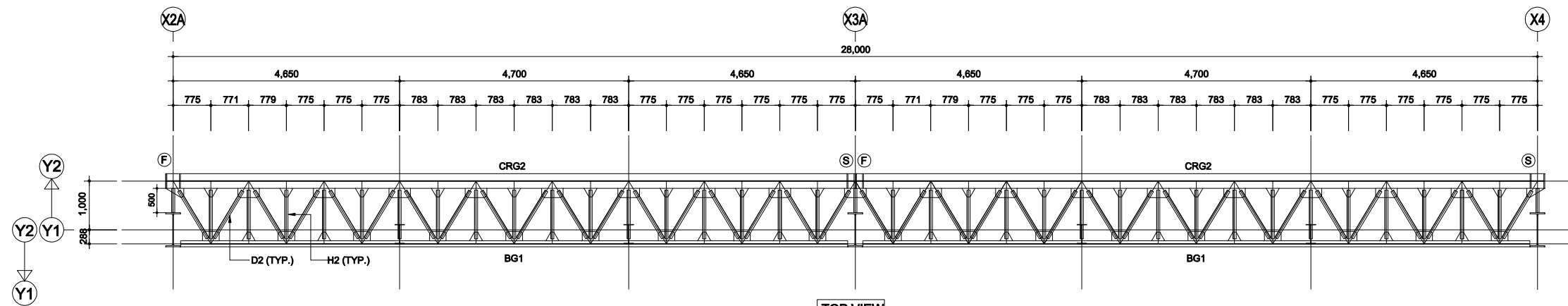
A SECTION  
A1 SCALE : 1 / 50



B SECTION  
A1 SCALE : 1 / 50



MEMBER	SIZE	재질	비고
CRG1	BH-1000x350x20x35	SN355	
BG1	CT-125x250x9x14	SN275	
SC1	H-812x302x18x34	SN355	
SC2	BH-1000x350x20x35	SN355	
SCG1	H-800x300x16x28	SN355	
H1	L 75x75x6	SS275	
V1	L 75x75x6	SS275	
D1	L 75x75x6	SS275	



MEMBER	SIZE	재질	비고
CRG2	H-792x300x14x22	SN275B	
BG1	CT-125x250x9x14	SN275B	
SCG2	H-692x300x13x20	SN275B	
H2	L 65x65x6	SS275	
V1	L 75x75x6	SS275	
D2	L 65x65x6	SS275	