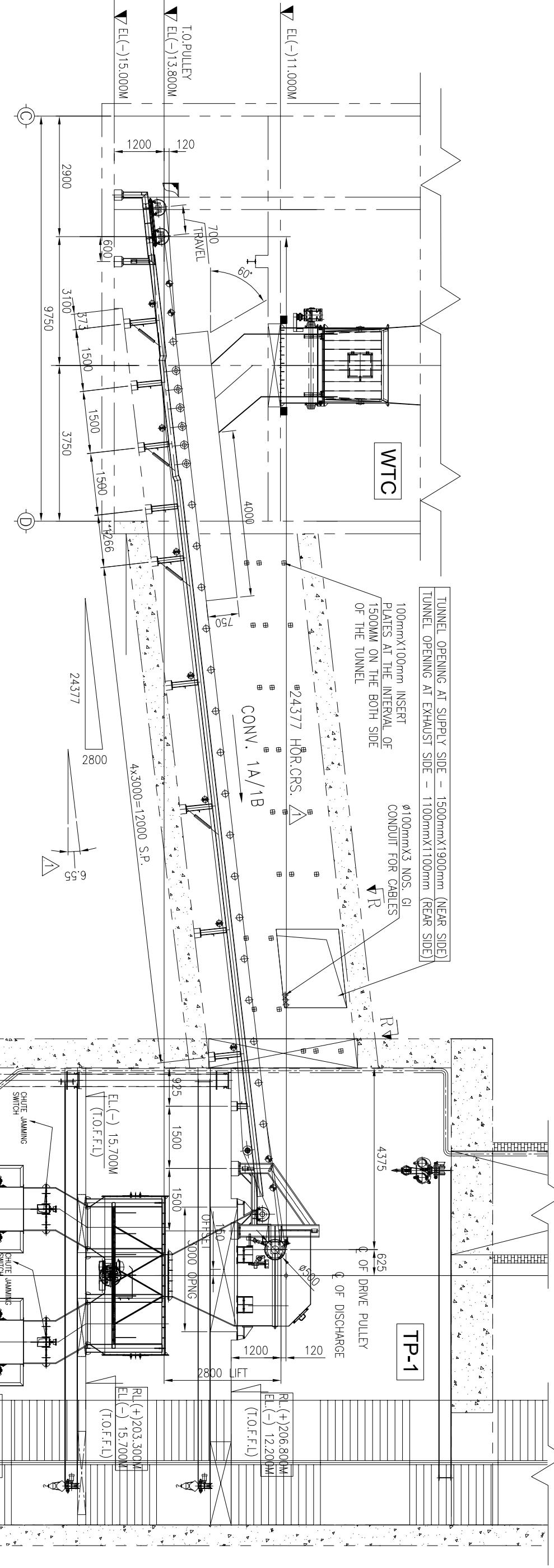
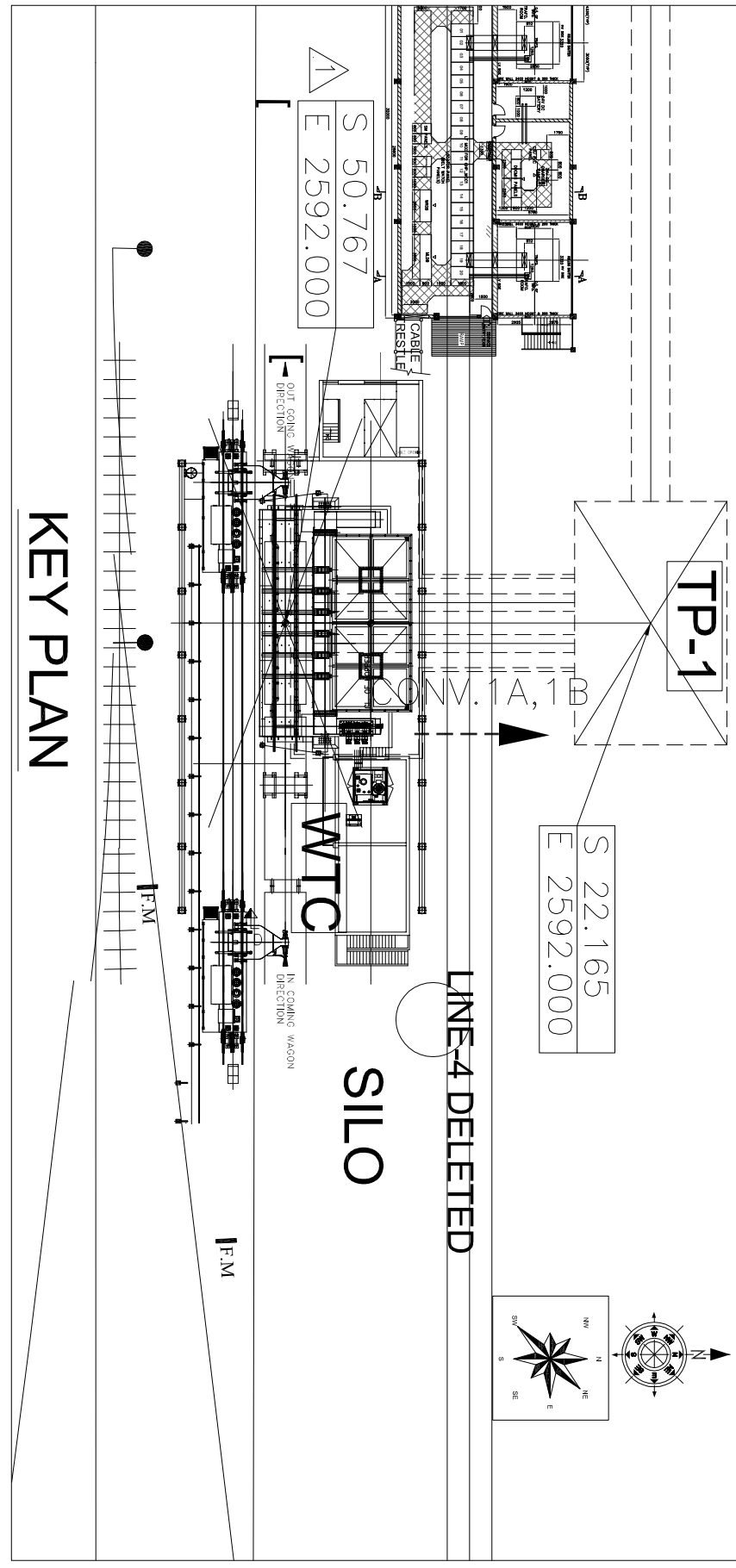


NOTES:-

1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METERS.
2. ALL ELEVATIONS ARE REFERRED TO THE FINISHED GROUND FLOOR LEVEL OF POWER HOUSE BUILDING AS EL. 0.00 M WHICH CORRESPONDS TO RL(+219.0) M. ABOVE MEAN SEA LEVEL.
3. FINISH FLOOR LEVEL CORRESPONDS TO FFL OF TURBINE HALL BUILDING.
4. PLINTH LEVEL SHOWN IN THE DRAWING ARE 500MM ABOVE FGL. ALL OTHER LEVELS SHOWN ARE W.R.T PLINTH LEVEL.
5. THE DRIVE DIMENSIONS ARE INDICATIVE ONLY AS MARKED * & SHALL BE FINALIZED AFTER GETTING THE DRIVE COMPONENT DROGS.
6. GALLERY SUPPORTING TRESTLE TYPES AND TRESTLE LOCATIONS INDICATED IN THIS DRG. ARE TENTATIVE AND FINALLY THEY SHALL BE AS PER STRUCTURAL DROGS.
7. CIVIL REQUIREMENT INDICATED TENTATIVE.
8. CURB WALL BE PROVIDED AROUND ALL OPENINGS.
9. INSPECTION DOOR SHALL BE LEAK PROOF.
10. PLEASE REFER THIS DRG WITH SHEET 2 OF 3 & 3 OF 3
11. (*) MARKED DIMENSIONS ARE PER W.T. COMPLEX GA
12. (**) SHALL BE AS FINALIZED AS PER W.T. COMPLEX GA
13. ALL ROOFING PARTS SHALL BE COVERED WITH SUITABLE GUARDRAILS.
14. THE BELT SPEED INDICATED IS NOMINAL SPEED & ACTUAL SPEED WILL BE MAINTAINED WITHIN ±5% OF NOMINAL SPEED
15. THE BELT SPEED INDICATED IS NOMINAL SPEED & ACTUAL SPEED WILL BE MAINTAINED WITHIN ±5% OF NOMINAL SPEED

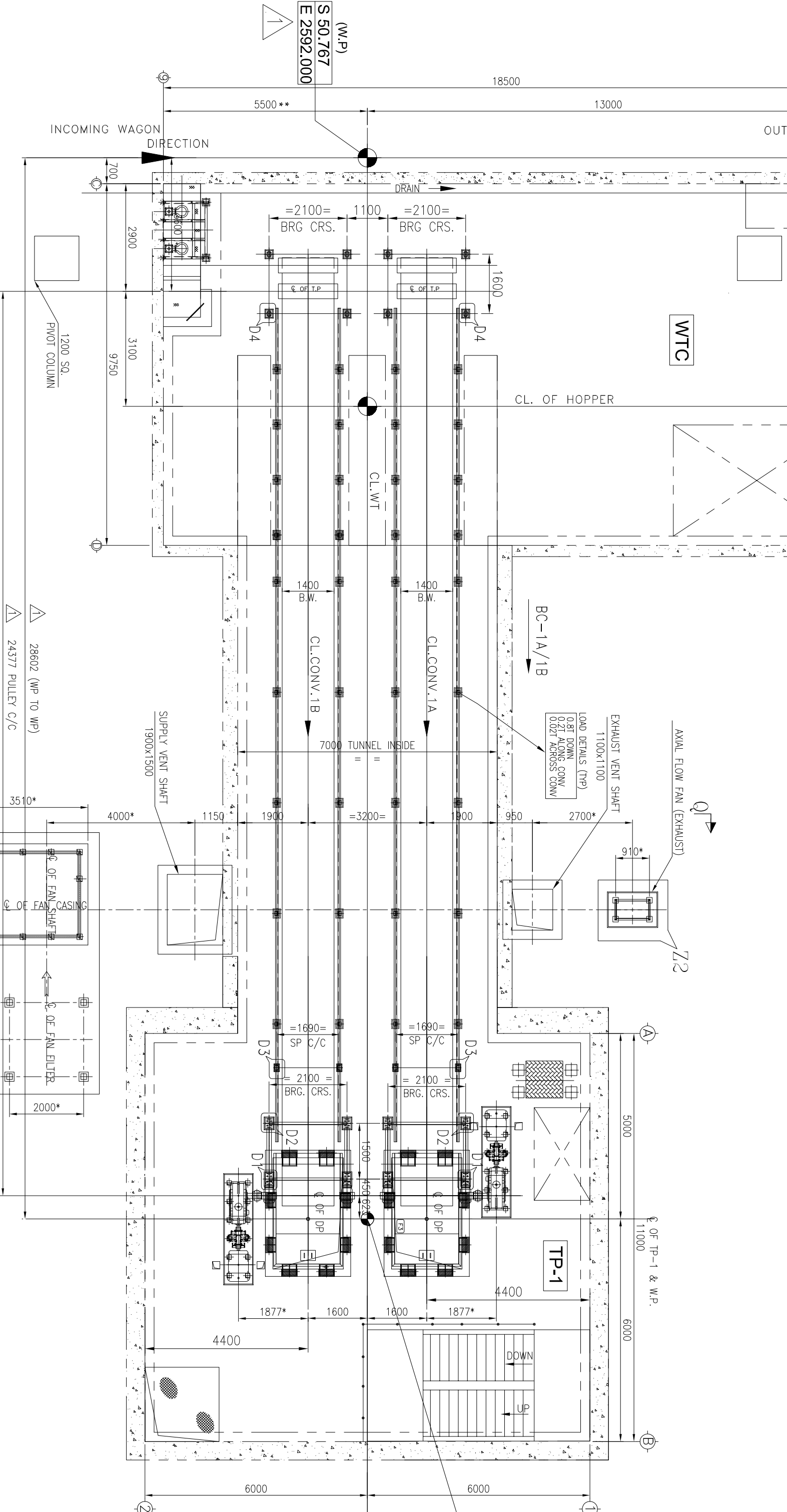
REFERENCE DRAWINGS/DOCUMENTS	
DRG. NO.	DESCRIPTION
IS-0-RL-708-100-M001	COAL FLOW DIAGRAM
IS-1-FL-708-100-M002	LAYOUT OF COAL HANDLING PLANT
IS-1-GA-708-100-M003	TYPICAL GALLERY CROSS-SECTIONS OF GALLERIES & TUNNELS
IS-1-GA-708-104-M021	GA & LOAD DATA OF WAGON TRIPPER COMPLEX
IS-1-GA-708-104-M022	GA & LOAD DATA OF TP-1

KEY PLAN



LEGEND FOR CONVEYOR	
⊕	CARRYING IDLER
⊖	TRANSITION IDLER
⊙	RETURN IDLER
⊙	FLAT RETURN IDLER
⊙	IMPACT IDLER
⊙	CARRYING IDLER
⊙	SELF-CLEANING IDLER
⊙	DEFLECTOR ROLLER
⊙	PULL CHORD SWITCH
⊙	BELT SWAY SWITCH
⊙	ZERO SPEED SWITCH
⊙	WORKING POINT
⊙	HEAD PULLEY
⊙	TAIL PULLEY
⊙	BEND PULLEY

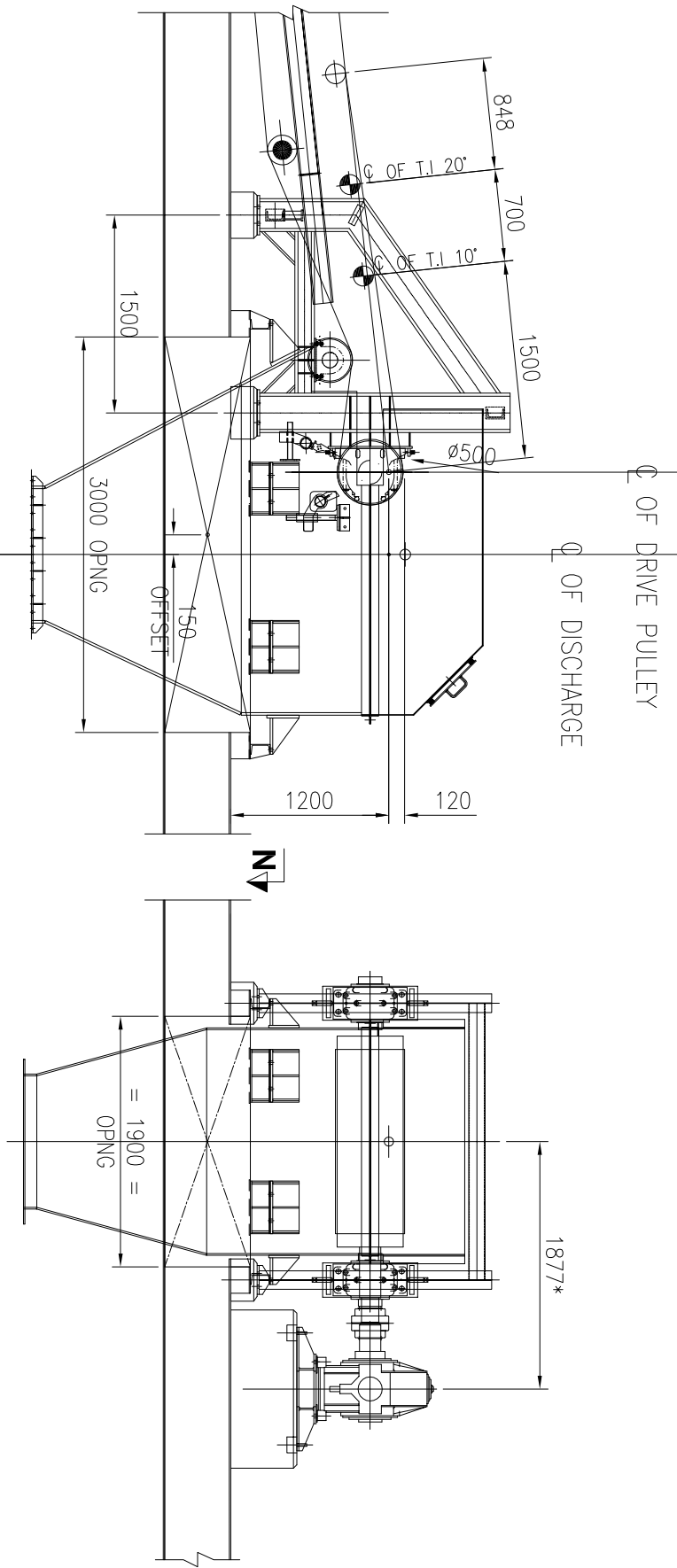
ELEVATION OF BCN-1A/B



PLAN OF BCN-1A/B

S.N.	REV.	DESCRIPTION
1	A	MECON COMMENTS INCORPORATED DATED 21-03-17

CONVEYOR NO./EQUIPMENT NO.		TECHNICAL SPECIFICATION		QTY FOR EACH MAKE	
BCN-1A/B		RATED CAPACITY/DESIGN CAPACITY (TPH)		1	
1400/1200		BELT WIDTH (MM)/TROUING ANGLE		1	
1400/35°		VERTICAL LIFT (M)		1	
2.8 M		HORIZONTAL CRS. (M)		1	
24.377 M		PROFILE LENGTH (MM)		1	
24.550 M		ENDLESS BELT LENGTH (CONSIDERING SAG) (MM)		1	
51.780 M		SPEED (M/SEC)		1	
2.8		MATERIAL		1	
COAL		BULK DENSITY FOR CONVEYOR SIZING (TON/CUM)		1	
0.8		FOR STRUCTURAL DESIGN (TON/CUM)		1	
1.1		LUMP SIZE (MM)		1	
(-)20		MOISTURE CONTENT		1	
15%		MATERIAL TEMP.		1	
AMBIENT (MAX. 50°)		TYPE		1	
N/N HD FR GRADE		RATING		1	
630/4		TOP COVER THICKNESS (MM)		1	
8		BOTTOM COVER THICKNESS (MM)		1	
4		BELT TENSION (KN)		1	
11-21-28, 12-10-02, 11S-27, 471S=16.213		TYPE OF JOINT		1	
WELDED		DRIVE DETAILS		1	
GEARBOX		MOTOR		1	
SUPPLY VOLTAGE / DUTY		POWER RATING(KW) /HPW/FRAME SIZE		1	
6.6 KV/3PHASE,50Hz		TYPE		1	
BEVEL HELICAL		MODEL NO		1	
B2-22S/ENVIT		HOLD BACK		1	
YES		RATIO		1	
14.0:1 (reqd ratio)		MECHANICAL RATING KW		1	
M		BRAKE TYPE		1	
FCU-14.5/eqvnt		COUPLING		1	
GEARED COUPLING		TAKE UP		1	
SCREW		PULLEYS (S:8531)		1	
700		LAGGING THK./MM		1	
NA		DIAMETER MM./NOS.		1	
6300		DRIVE PULLEY		1	
6400		ALL OTHER PULLEYS		1	
---		3 ROLL 10° TRANSITION IDLERS		2	
---		3 ROLL 20° TRANSITION IDLERS		2	
---		3 ROLL 35° CARRYING IDLERS		15	
---		3 ROLL 35° IMPACT IDLERS		2	
---		3 ROLL 35° SELF ALIGNING CARRYING IDLERS		6	
---		2 ROLL RETURN IDLER		6	
---		2 ROLL SELF ALIGNING RETURN IDLER		1	
---		DEFLECTOR ROLLER		1	
---		INTERNAL SCRAPER TYPE		1	
---		EXTERNAL SCRAPER TYPE		1	
---		SKIRT BOARD		1	
---		DECK PLATE		1	
---		HEAD FRAME, TAIL FRAME & DRIVE BASE FRAME		1	
---		STRINGER		1	
---		SHORT SUPPORT		1	
---		DISCHARGE CHUTE		1	
---		PULL CORD SWITCH /LOCATION		2	
---		BELT SWAY SWITCH/LOCATION		2	
---		ZERO SPEED SWITCH/LOCATION		1	
---		CHUTE BLOCK SWITCH/LOCATION		1	

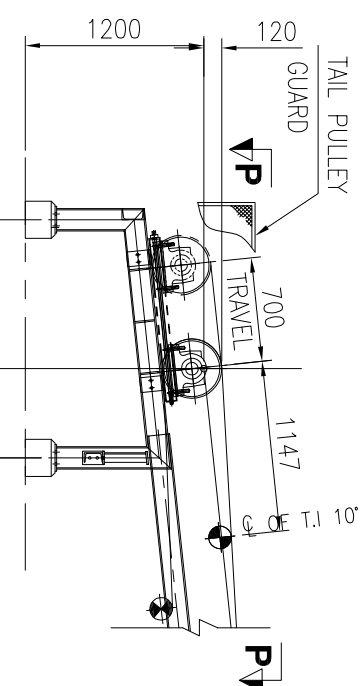


VIEW M-M



Technical drawing of a rectangular room layout. The overall dimensions are 2100 (width) by 1300 (depth). The drawing includes a central area labeled "1900 OPENING" and a lower section labeled "1300 OPENING". Dimensions for the openings are 1900 and 1300. The distance between the openings is 675. The drawing also shows a "D1" dimension for the width of the opening and a "D2" dimension for the width of the room. The drawing is labeled "BRG. CRS." and "D1" and "D2". The drawing is labeled "D1" and "D2". The drawing is labeled "D1" and "D2".

ENLG. VIEW OF TAIL FRAME



VIEW N-N

VIEW P-P

FORMAT SIZE A1

