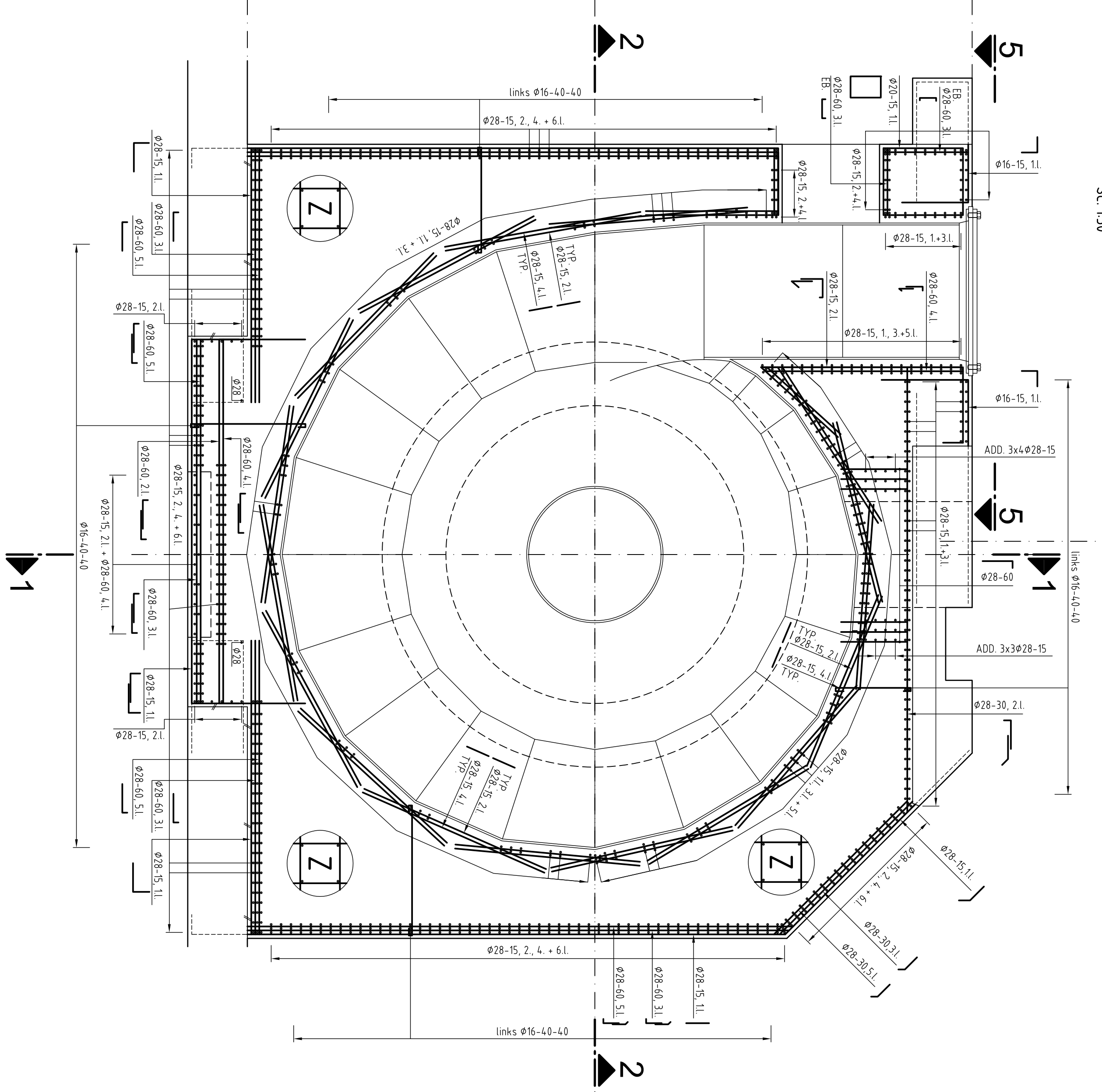
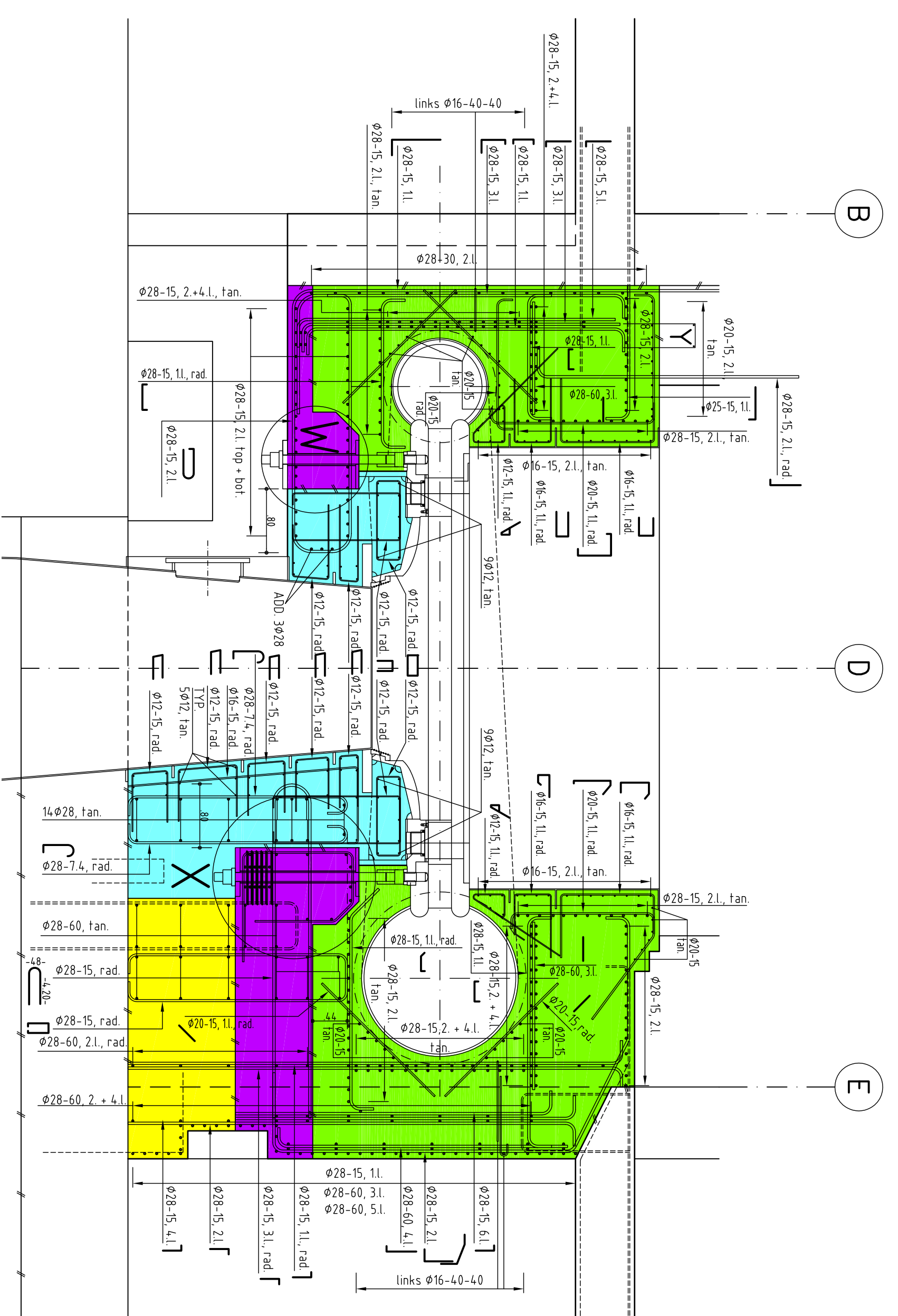


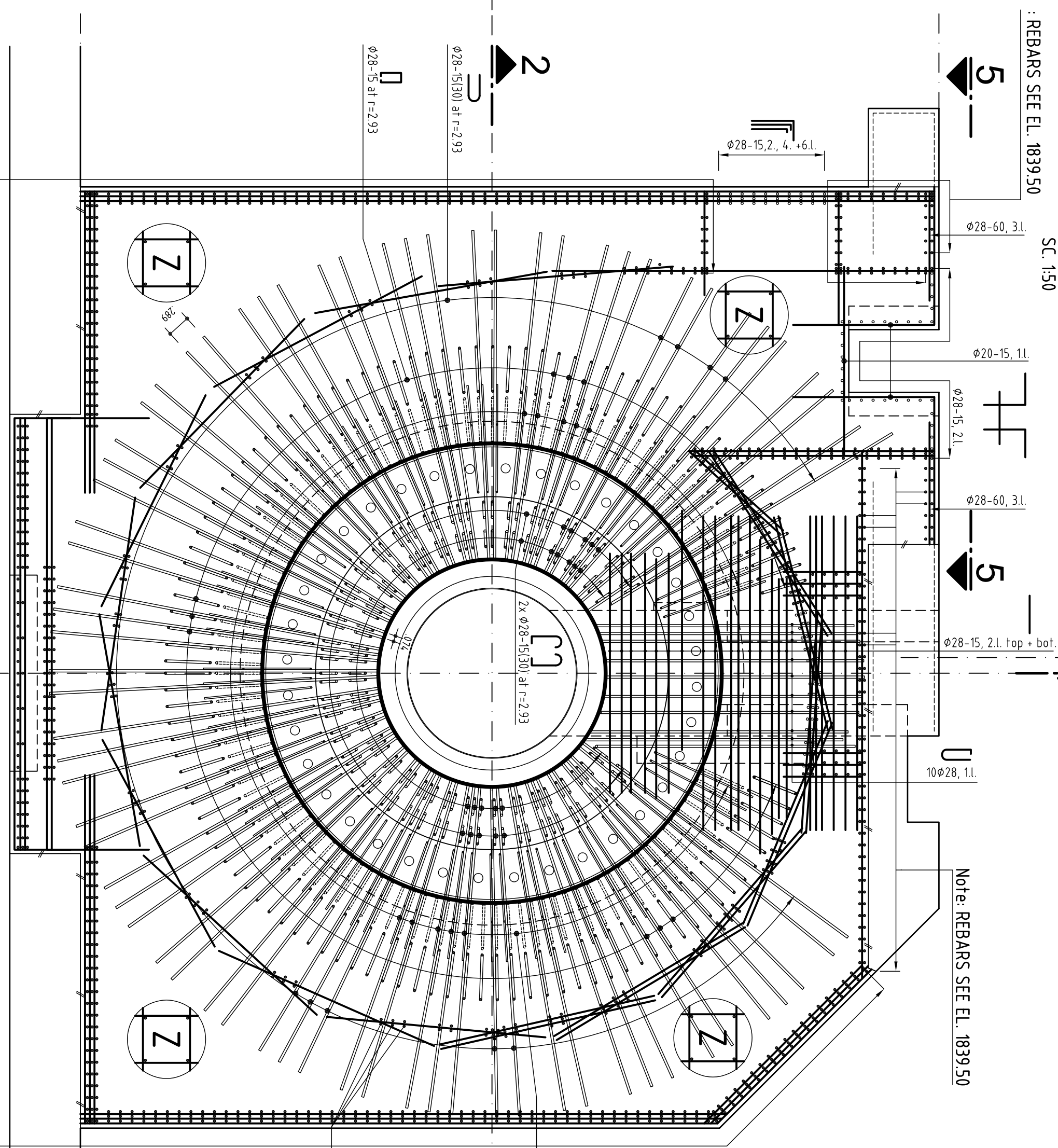
PLAN VIEW EL. 1839.50



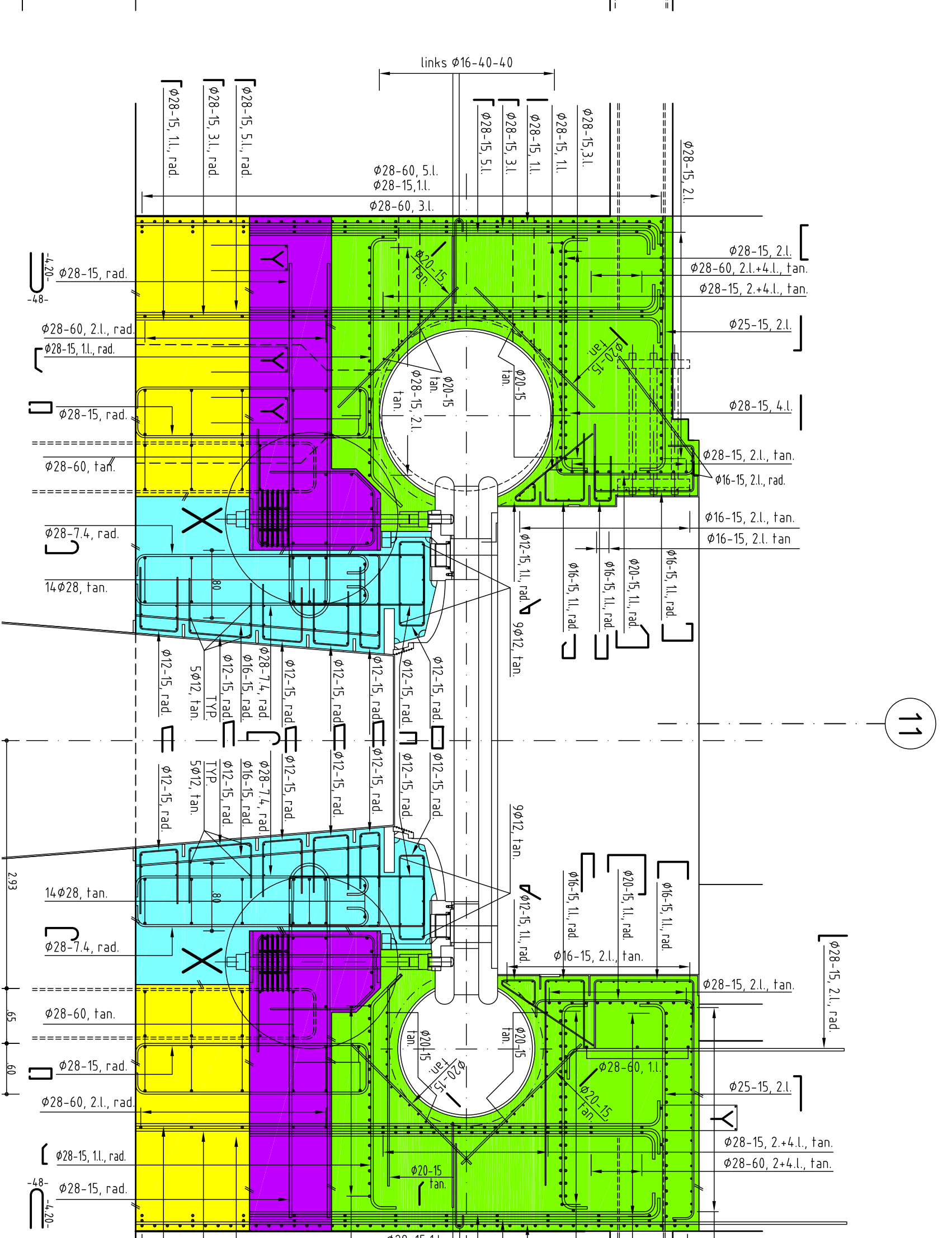
SECTION 1-1
SC. 150
IF NOT OTHERWISE INDICATED, ALL BARS ARE TO BE PLACED ORTHOGONAL.



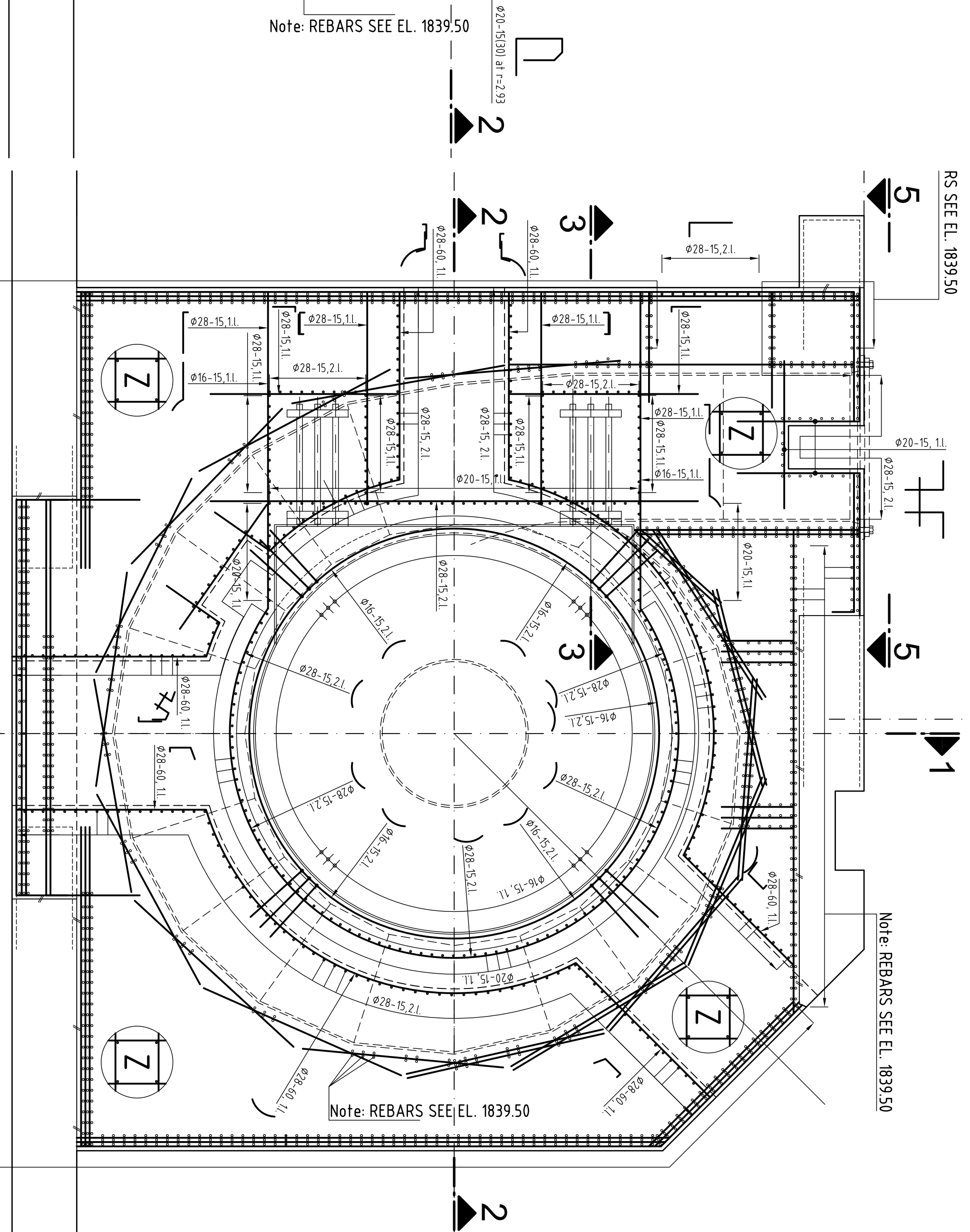
PLAN VIEW EL. 1837.905



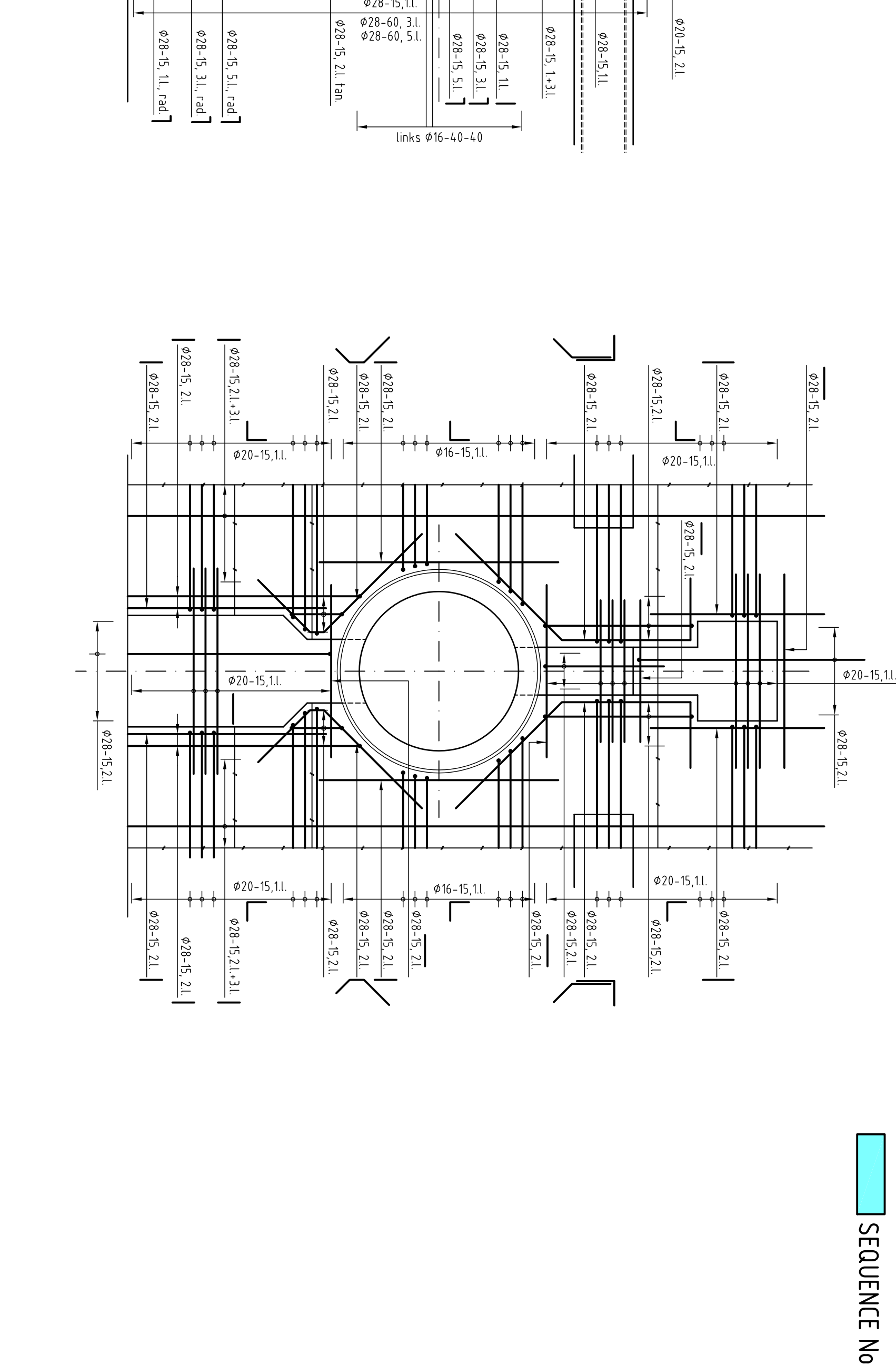
SECTION 2-2
SC. 150
IF NOT OTHERWISE INDICATED, ALL BARS ARE TO BE PLACED ORTHOGONAL.



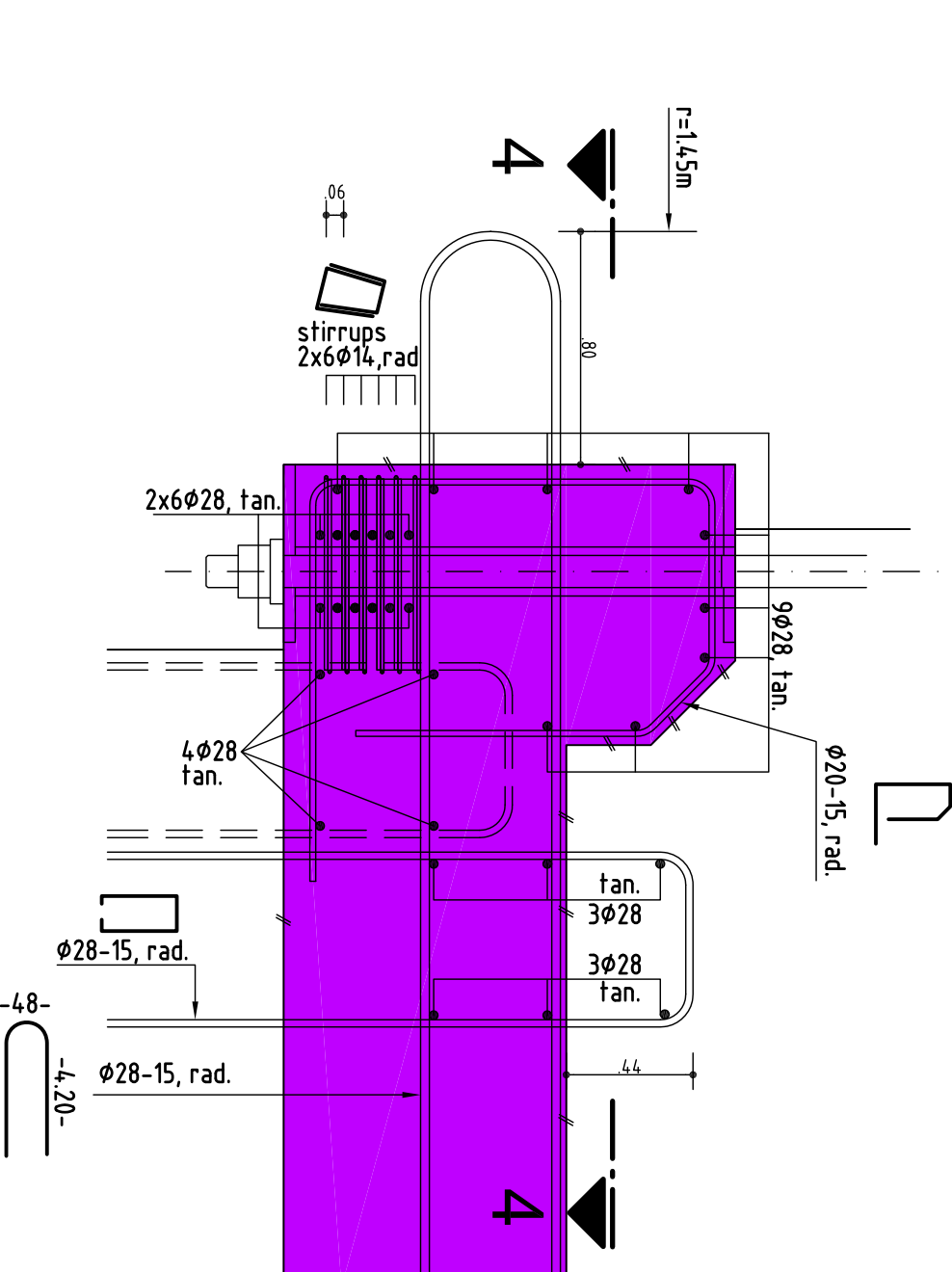
PLAN VIEW EL. 1841.00



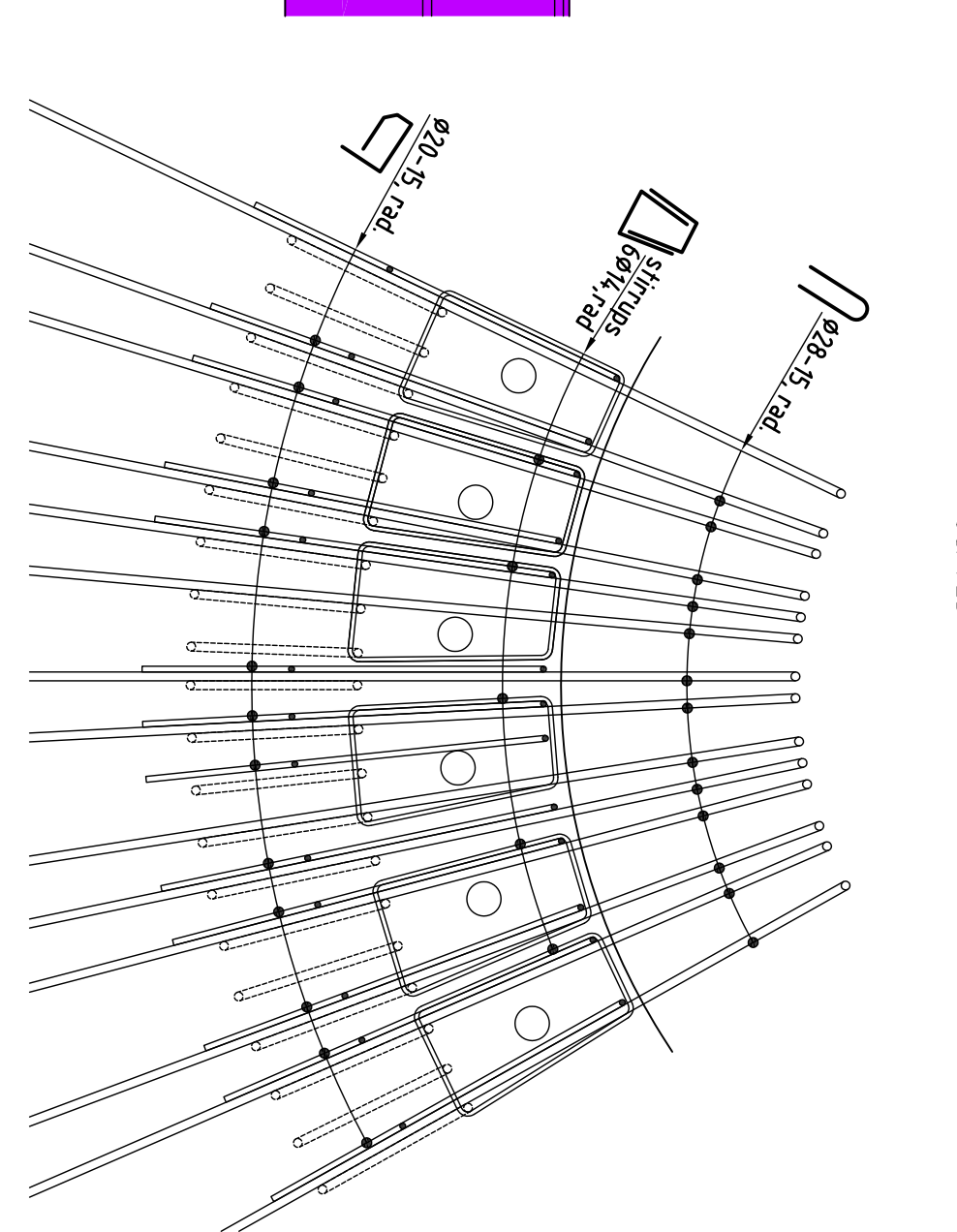
SECTION 5-5
SC. 150



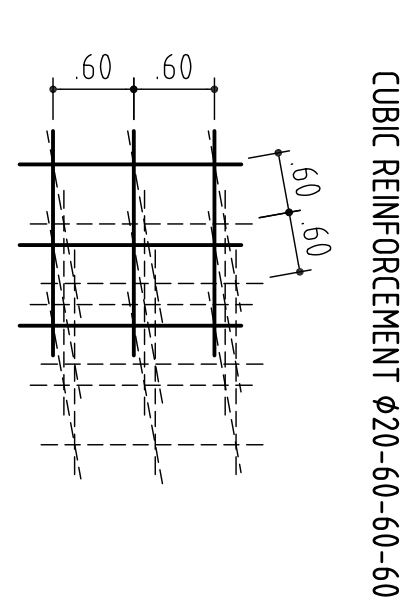
DETAIL "X"
SC. 175



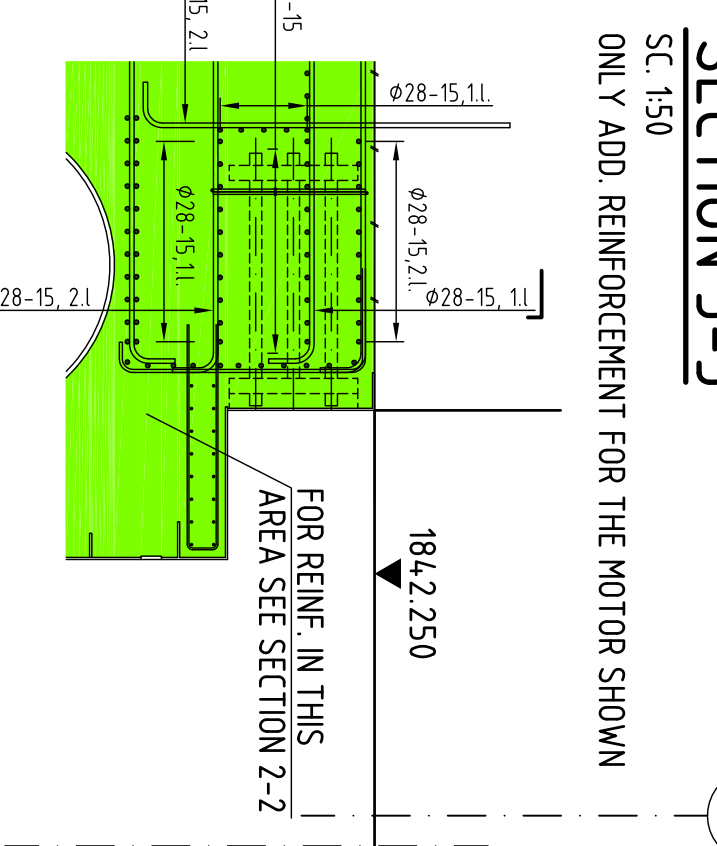
SECTION 4-4
SC. 125



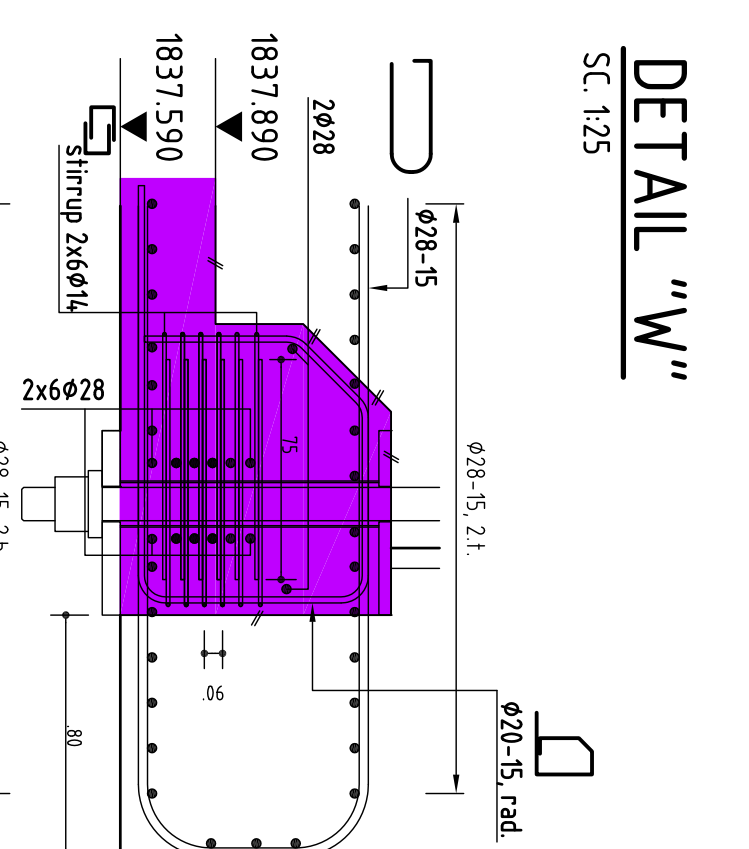
DETAIL Z



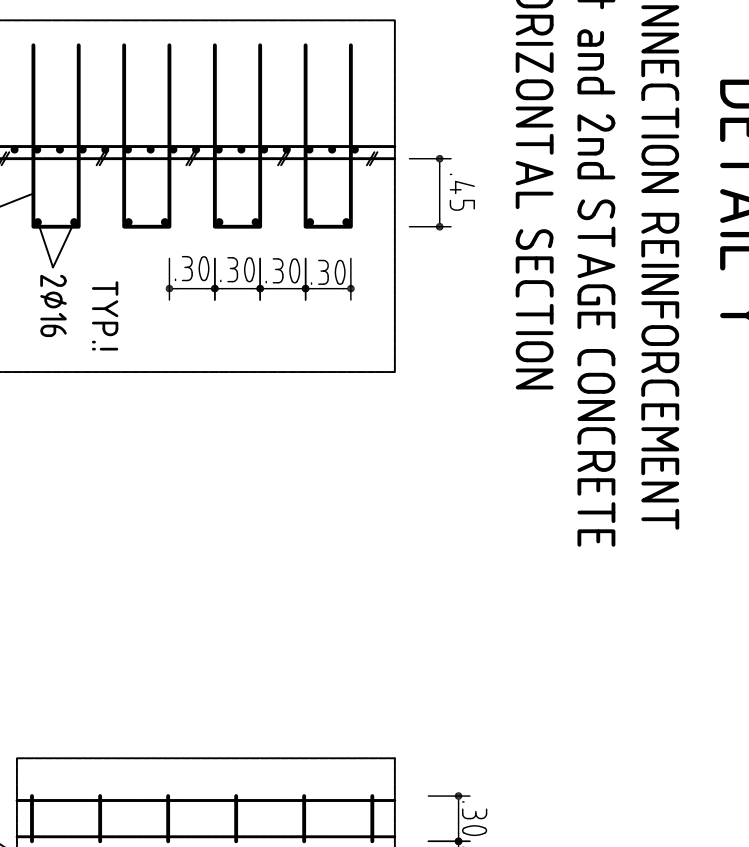
SECTION 3-3
SC. 150



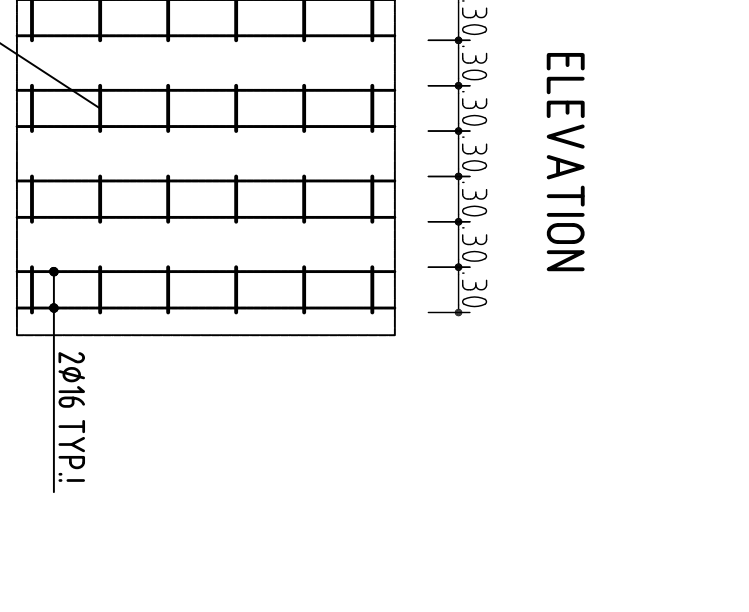
DETAIL "W"
SC. 175



DETAIL Y



ELEVATION



LEGEND:
DRAWING IS VALID AS REINFORCEMENT DESIGN
DRAWING ONLY. DETAILED SHOP DRAWINGS WILL
BE PREPARED ON THE BASIS OF THIS DRAWING.
DIMENSIONS:
ALL DIMENSIONS ARE IN METERS [m] UNLESS OTHERWISE SHOWN.

ELEVATIONS:
ALL ELEVATIONS ARE IN METERS ABOVE SEA LEVEL [mash].
CONCRETE CLASS ACC. DIN 1045
STEEL CLASS:
- C25/30 (WR WATER-RESISTANT)
- AIR WITH A YIELD STRENGTH
30 N/mm².
CONCRETE COVER (from d) ACC. TO DIN 1045 AND 2714-1K:
- AREAS EXPOSED TO FLOODING WATER:
nom c = 5 cm
- OTHER AREAS:
nom c = 4 cm
- THIN MEMBERS:
nom c = 4 cm

DIAMETER OF BEND d_b ACC. TO DIN 1045

ds	ds	dA1	dA2	LATERAL CONCRETE COVER
< 20	4 ds	10 ds	15 ds	≥ 10cm and > 7 ds
≥ 20	7 ds	15 ds	22 ds	≥ 5cm and > 3 ds
		20 ds	30 ds	≤ 5cm and > 3 ds

BENDING DIMENSIONS ARE MEASURED FROM OUTSIDE TO OUTSIDE

ANCHORING LENGTH [L_a] OF RIBBED REBARS ACC. TO DIN 1045 [cm]

VALID FOR CONCRETE CLASS C20/25 OR HIGHER AND STEEL CLASS A III

NOTE: THESE VALUES MUST BE REDUCED BY FACTOR 0.7 IF EXPOSED TO FROSTING

TOP LAYER	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120
BOTTOM LAYER	33	40	47	53	60	67	73	80	87	93	100	107	114	120	127	134	141

SPUCE LENGTH [L_s] OF RIBBED REBARS [cm] - STAGGERED SPUCES

VALID FOR CONCRETE CLASS C20/25 OR HIGHER AND STEEL CLASS A III

TOP LAYER	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120
BOTTOM LAYER	53	64	75	87	100	114	129	145	162	180	200	220	240	260	280	300	320

NON-STAGGERED SPUCES

NOTES:
- ALL DIMENSIONS ARE IN METERS [m] UNLESS OTHERWISE NOTED.
- ALL ELEVATIONS ARE IN [mash]
ROUGH SURFACE FOR ALL CONSTRUCTION JOINTS WILL BE REQUIRED
ALL SHEAR LINKS & STIRRUPS MUST ENCLOSE THE OUTERMOST REINFORCEMENT LAYER
THE REINFORCEMENT BARS OF CONCRETE SEQUENCE NO. 4 ARE TO BE
PLACED AFTER PRELOADING OF THE RING ANCHOR BOLTS
PRIOR TO ARRANGEMENT OF THE DETAIL REINFORCEMENT ALL
CONCRETE DIMENSIONS HAVE TO BE CHECKED

