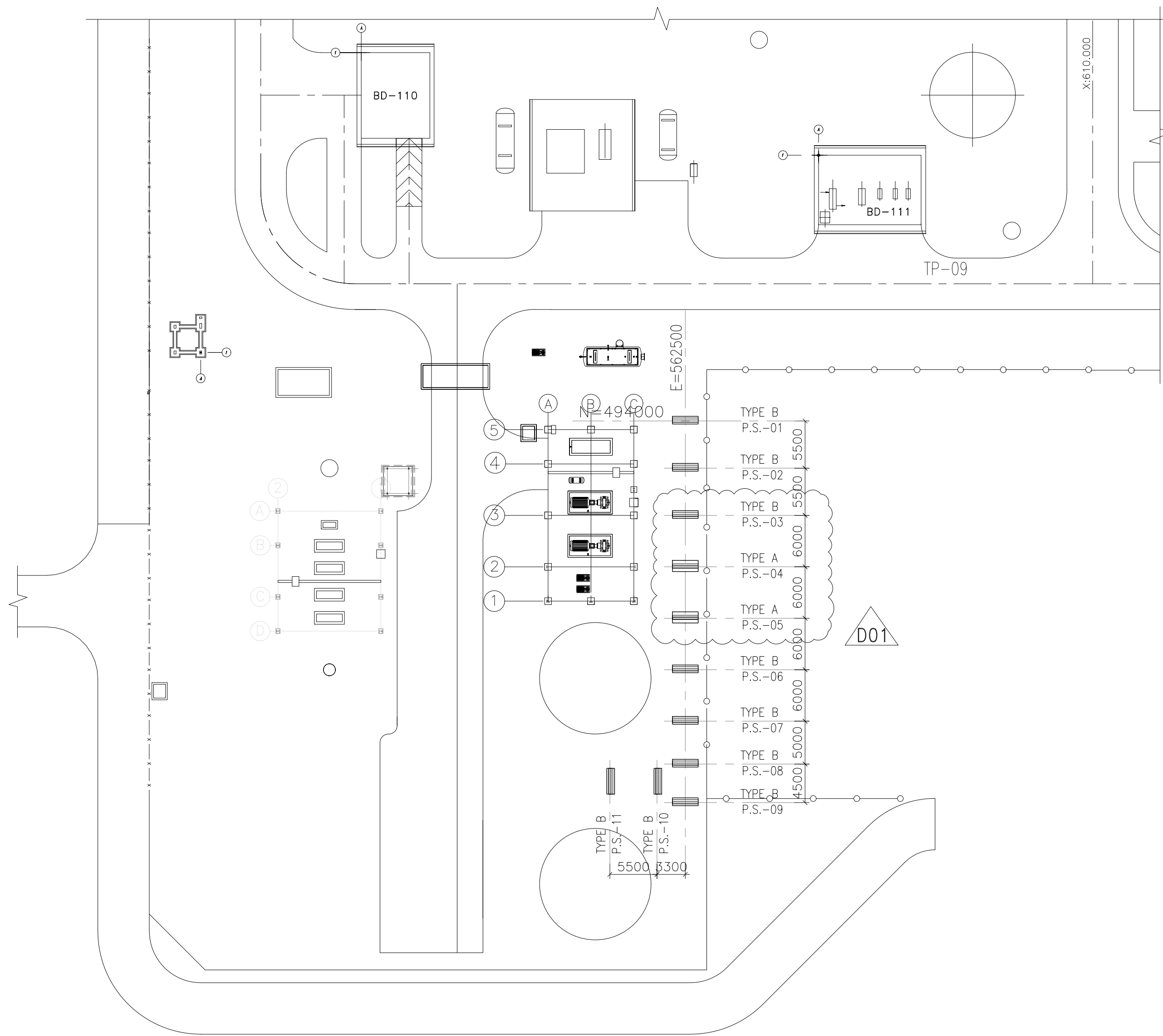




D01

E=SEE PIPE SLEEPERS
LOCATION TABLE

N=SEE PIPE SLEEPERS
LOCATION TABLE

LEAN CONCRETE

The diagram illustrates a cross-section of a bridge deck. A vertical dashed line on the left is labeled "E=SEE PIPE SLEEPERS LOCATION TABLE". A horizontal dashed line across the middle is labeled "N=SEE PIPE SLEEPERS LOCATION TABLE". The deck is shown as a rectangular structure with a central horizontal channel. A label "LEAN CONCRETE" with an arrow points to the bottom right corner of the deck structure.

E=SEE PIPE SLEEPERS
LOCATION TABLE

N=SEE PIPE SLEEPERS
LOCATION TABLE

LEAN CONCRETE

NOTES

- 1) ALL ELEVATIONS AND COORDINATES ARE IN "m" AND DIMENSIONS ARE IN "mm" UNLESS OTHERWISE NOTED.
- 2) ALL DIMENSIONS AND ELEVATIONS SHALL BE CHECKED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
- 3) 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF CONCRETE IS 30MPa.
(ON CYLINDRICAL SPECIMEN)
- 4) 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15MPa.
(ON CYLINDRICAL SPECIMEN)
- 5) CONCRETE COVER OVER BARS SHALL BE 75mm FOR FOUNDATION AND 40mm FOR CAST IN-SITU OTHER PARTS.
- 6) TENSION STRENGTH OF BARS SHALL BE OF MINIMUM $F_y = 4000 \text{ kg/cm}^2$
- 7) UNDERGROUND CONCRETE SHALL BE PROTECTED AND COATED ACCORDING TO RELEVANT SPECIFICATION.
- 8) CEMENT TYPE II SHALL BE USED ACCORDING TO GEOTECHNICAL REPORT SUGGESTION.
- 9) FILL MATERIAL SHALL BE COMPACTED TO NOT LESS THAN 95% OF THE MAXIMUM DENSITY AS DETERMINED BY ASTM D-1557 (MODIFIED PROCTOR) METHOD.
- 10) REINFORCEMENT SHALL BE ADJUSTED LOCALLY TO SUIT THE RECESS OF ANCHOR BOLTS, HOLES AND OTHER EMBEDDED MATERIALS.
- 11) THE EMULSION SHOULD BE USED ON CONCRETE EXPOSED WITH SOIL. B-90-COAT.M.E IS A BITUMEN-BASED ONE-COMPONENT EMULSION PROTECTIVE COATING TO PREVENT THE PENETRATION OF DESTRUCTIVE SALTS & IONS.

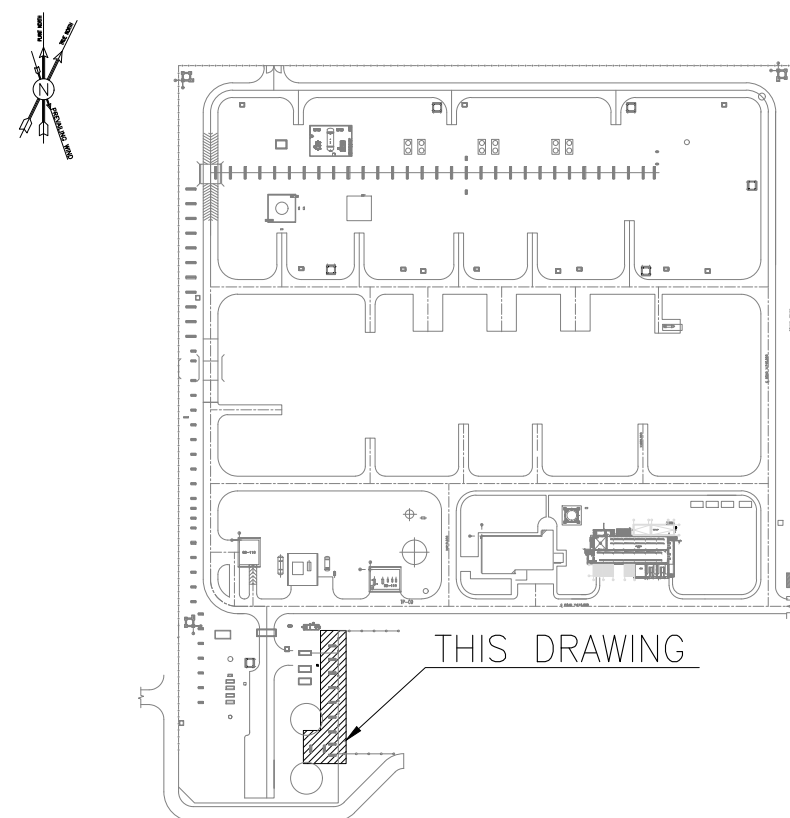
THIS MATERIAL IS CONTROLLED ACCORDING TO THE FOLLOWING STANDARDS:
ASTM D1227, ASTM D2939, ASTM D1640

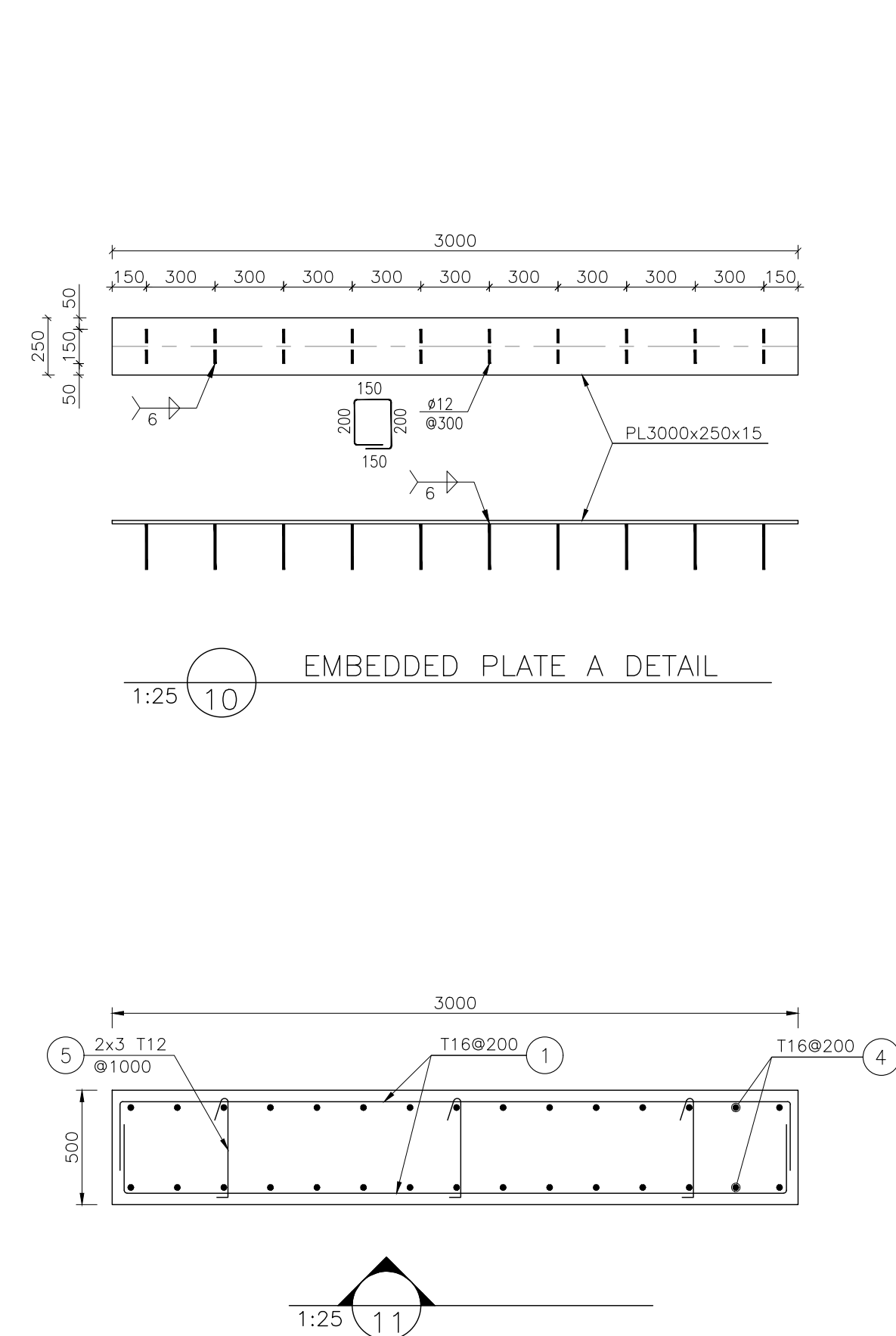
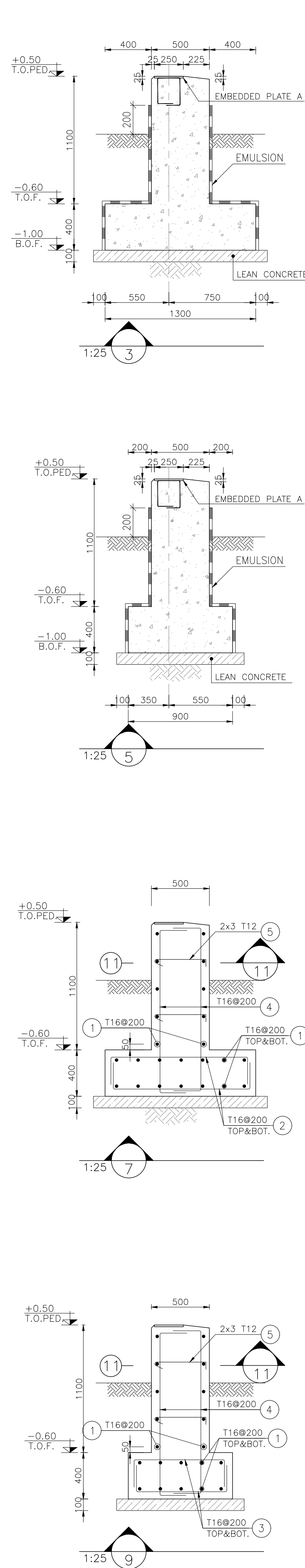
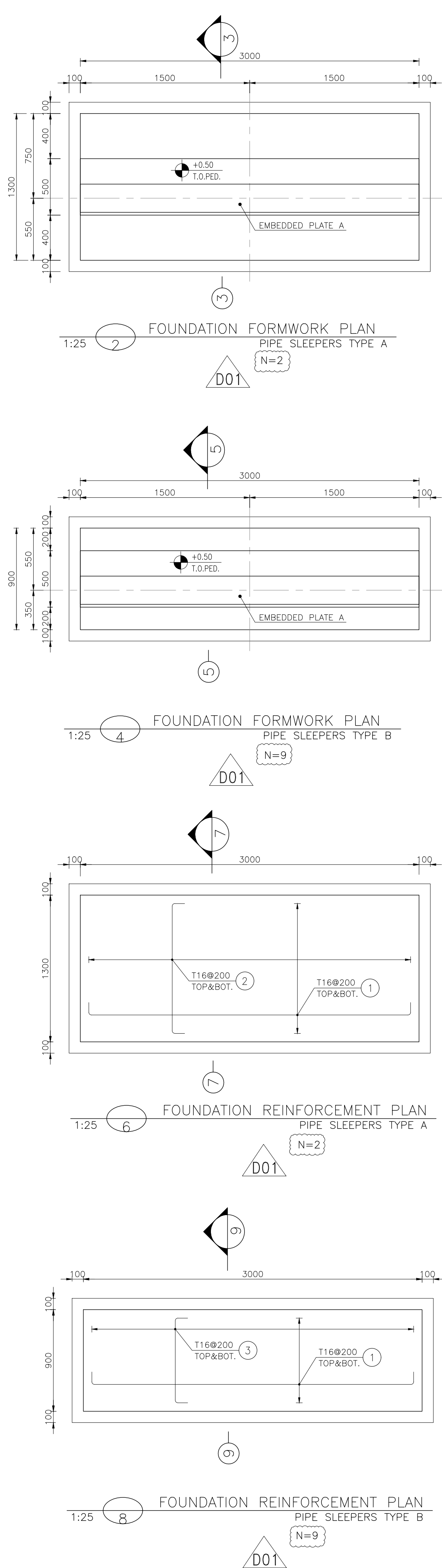
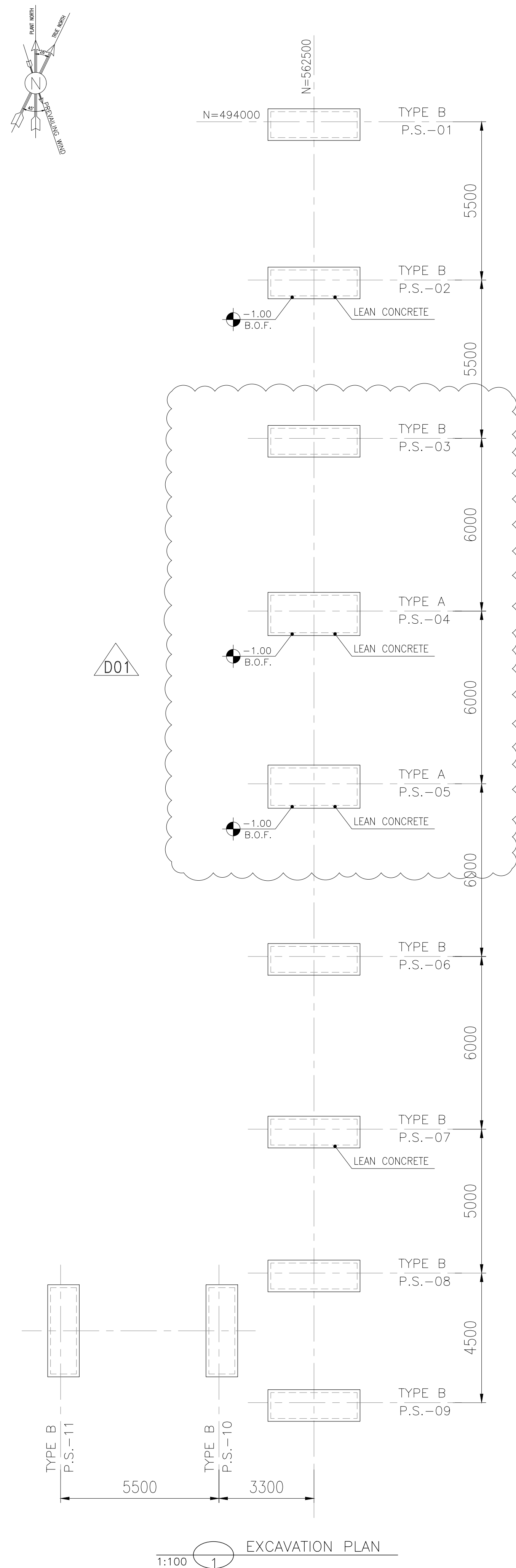
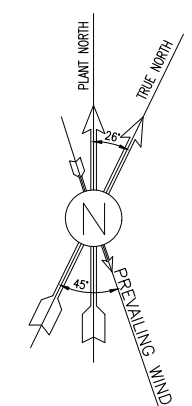
LEC

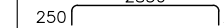
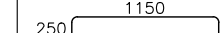
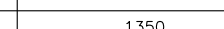
 REINFORCED CONCRETE
 LEAN CONCRETE
 GROUND

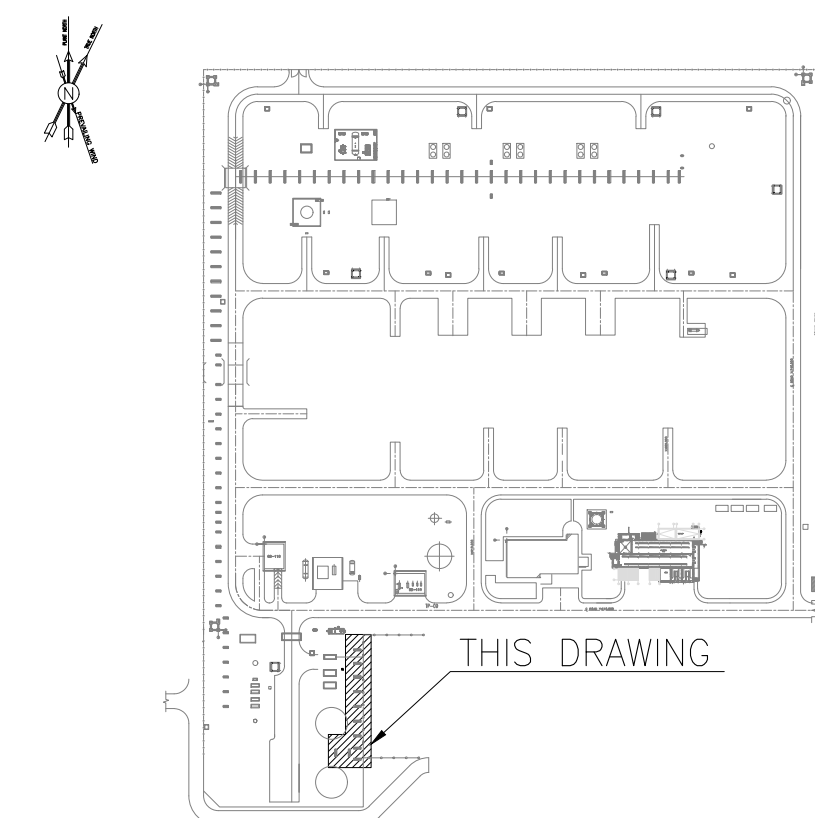
REFERENCE DRAWING	DRG. No.
STANDARD DRAWING FOR INSERT PLATES IN CONCRETE	BK-GNRL-PEDCO-000-ST-DW-0007
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0012
STANDARD PIPE SUPPORT DRAWINGS	BK-GCS-PEDCO-120-PI-DW-0001
UNIT PLOT PLAN DRAWING	BK-GCS-PEDCO-120-PI-PY-0001

KEY PLAN

[illegible]



BAR BENDING SCHEDULE						
Pos	Spec.	Shape	L/A	No.	T12	T16
1	T16		3.35	174		582.90
2	T16		1.65	60		99.00
3	T16		1.25	270		337.50
4	T16		1.85	330		610.5
5	T12		0.60	66	39.60	
TOTAL LENGTH OR AREA (m)					39.60	1629.90
UNIT WEIGHT (Kg/m)					0.888	1.578
WEIGHT (Kg)					35.16	2571.98
GRAND TOTAL (Kg)					2607	Kg

[illegible]