PRODUCED BY AN AUTODESK STUDENT VERSION

LEGEND:–

(TYP) ..... TYPICAL
T&B ..... TOP AND BOTTOM
C/C ..... CENTER TO CENTER
THK ..... THICKNESS
EL ..... ELEVATION
TOC ..... TOP OF CONCRETE
TOPC ..... TOP OF PILE CAP
BOPC ..... BOTTOM OF PILE CAP
MSL ..... MEAN SEA LEVEL
TOP ..... TOP OF POLYMER
CB ..... CRANE BEAM
LB ..... LONGITUDINAL BEAM
TB ..... TRANSVERSE BEAM
PCC ..... PORTLAND CEMENT CONCRETE

NOTES:

1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED AND ALL ELEVATIONS ARE IN METERS WITH RESPECTIVE TO CHART DATUM.
2. GRADE OF CONCRETE MIX SHALL BE M–40 CONFIRMING TO IS 456–2000.
3. REINFORCEMENT SHALL BE OF HIGH YIELD STRENGTH DEFORMED BARS OF GRADE FE 500D CONFIRMING TO IS 1786–2007.
4. BAR BENDING SCHEDULE OF ALL REINFORCEMENT SHALL BE PREPARED AT SITE BY THE VENDOR
5. UNLESS OTHERWISE MENTIONED DEVELOPMENT LENGTH SHALL BE TAKEN AS 45 X DIAMETER.
6. NOT MORE THAN 50% OF REINFORCEMENT BARS SHALL BE LAPPED AT A PARTICULAR SECTION.
7. CLEAR COVER TO ALL REINFORCEMENT (INCLUDING LINKS) IN VARIOUS RCC ELEMENTS SHALL BE TAKEN FOLLOWS
   A. PILE CAP = 75MM
   B. OTHER RCC MEMBERS = 50MM
   C. FENDER COLUMN = 75MM
8. SHEAR CONNECTOR –1NO. FOR 0.3M² SURFACE AREA OF THE BEAMS, COLUMNS AND PILE CAPS.
9. SACRIFICIAL ANODE –1NO. PER 3M² SURFACE AREA OF BEAMS, COLUMNS, PILE CAPS AND DECK SLAB.
10. ALL REINFORCEMENT SHALL BE CONFIRMING TO IS13920 2016 DUCTTILE CODE.

NOTE:

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH OLD DRAWINGS OF EXISTING STRUCTURE AND CONFIRM THE SAME WITH SITE CONDITION BEFORE THE START OF WORK.

FINAL GFC DRAWING

REV.	DATE	DESCRIPTION	DESIGN	CHK'D	APP'D
R0–A	03.05.21	FOR APPROVAL			

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CLIENT NAME
DEENDAYAL PORT TRUST KANDLA, GUJARAT

PROJECT NAME
CONDITIONAL ASSESSMENT MODIFICATION & STRENGTHENING OF EXISTING BUNDER BASIN NORTH & WEST WHARVES

TITLE
GENERAL ARRANGEMENT LAYOUT, REINFORCEMENT & FENDER DETAILS

DRAWN: AS | SCALE: AS SHOWN | DWG. No.: IITB_DPT_GFC_B001 | REV. R0-A

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