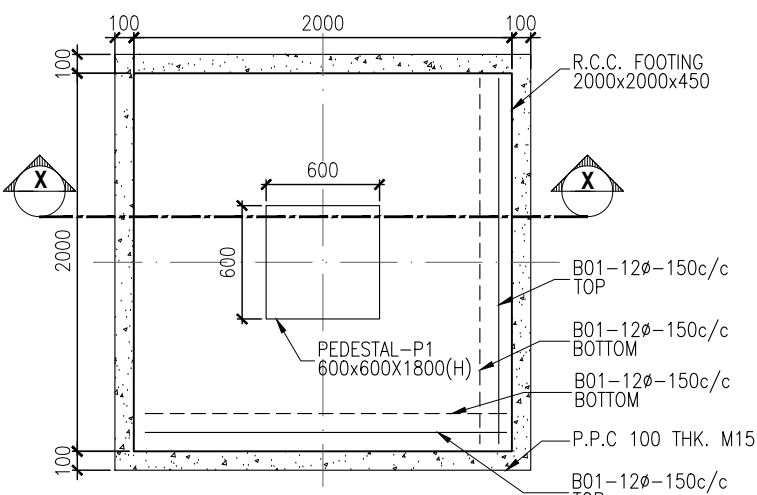
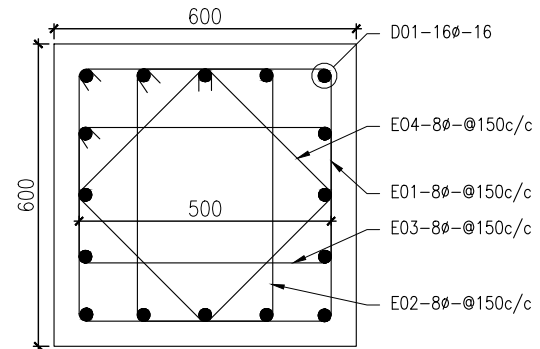


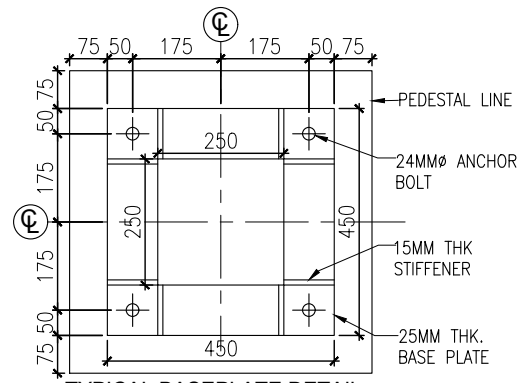
WELCOME GATE FOUNDATION PLAN
SCALE 1:200



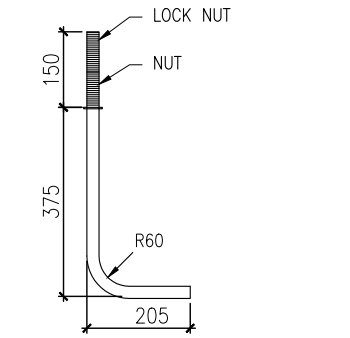
TYPICAL FOOTING PLAN (F1)
SCALE 1:40



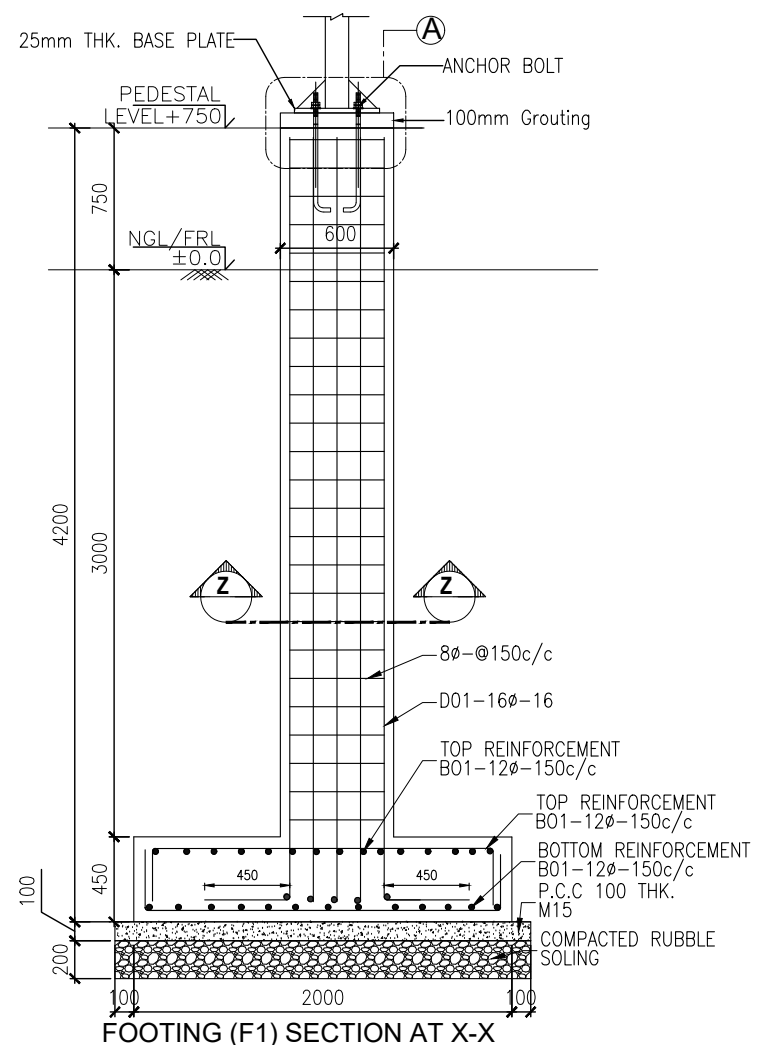
TYPICAL PEDESTAL (P1)
SECTION AT Z-Z
SCALE 1:15



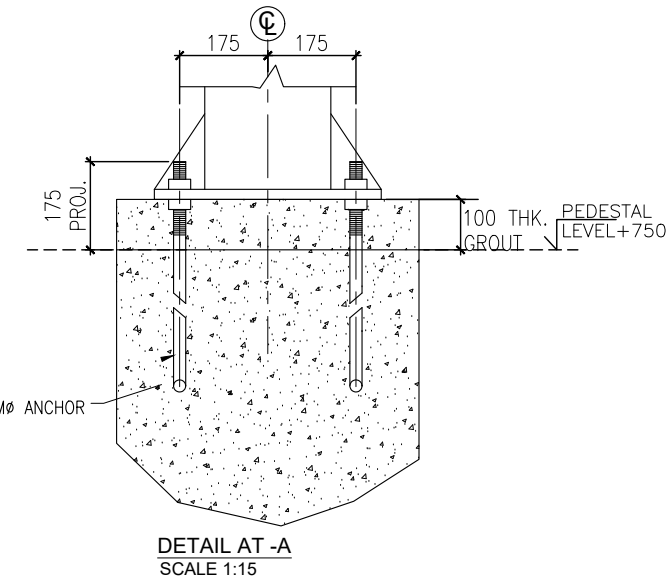
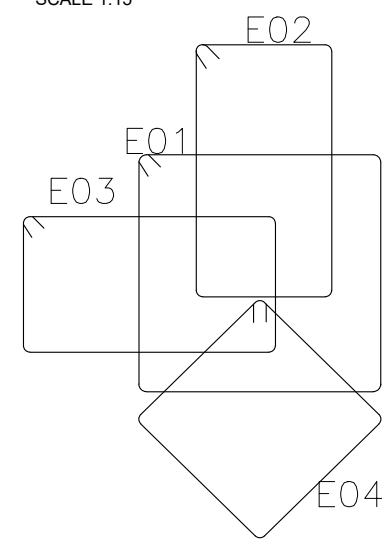
TYPICAL BASEPLATE DETAIL
SCALE 1:15



TYPICAL ANCHOR BOLT DETAIL
SCALE 1:15



FOOTING (F1) SECTION AT X-X



DETAIL AT -A
SCALE 1:15

BAR BENDING SCHEDULE											
ITEM	MARK	DIA (MM)	NUMBER	SHAPE	BENDING SCHEDULE				CUT LENGTH (mm)	UNIT WEIGHT (Kg/m)	TOTAL WEIGHT (kg)
					a (mm)	b (mm)	c (mm)	d (mm)			
COLUMN	MAIN BARS (D01)	16	192	a	450	4076			4526	1.58	1373.22
	STIRRUPS (E01)	8	324	a b c	500	500	80		2160	0.40	276.48
	STIRRUPS (E02)	8	324	a b c	266	500	80		1692	0.40	216.58
	STIRRUPS (E03)	8	324	a b c	266	500	80		1692	0.40	216.58
	STIRRUPS (E04)	8	324	a b c	355	355	80		1580	0.40	202.24
	FOTTING BARS (B01)	12	624	a b a	350	1900			2600	0.89	1442.13
TOTAL STEEL										3727.23	

NOTE:- PROVIDED THE FOUNDATION SURFACE IS PROPERLY PREPARED AND DEWATERED AT THE TIME OF CONSTRUCTION.

BILL OF QUANTITY					
DESCRIPTION	ITEM	SIZE	MAT(CUM)	T MAT(CUM)	
RCC	COLUMN	600X600	16.2	37.80	
PCC	FOUNDATION	2200X2200X450	21.6		
	PCC	FOUNDATION	2200X2200X100	5.808	5.81
	RUBBLE SOLING	FOUNDATION	2200X2200X200	11.616	11.62

- GENERAL NOTES**
- ALL DIMENSION & LEVELS ARE IN MM UNLESS OTHERWISE SPECIFIED.
 - IN CASE LEVEL DIFFERENCE IN EXISTING GROUND IS FOUND, SOIL EXCAVATION FOR FOUNDATION SHALL BE STARTED WITH REFERENCE TO THE LOWER LEVEL AND THE SOIL SHALL BE BACK FILLED AND COMPACTED UP TO THE TOP MOST LEVEL OF NATURAL GROUND LEVEL TO AVOID SOIL EROSION.
 - VERIFY THE ADJACENT SITE FEATURES BEFORE EXCAVATION.
 - PROPER PRECAUTION SHALL BE TAKEN TO AVOID RISK/DAMAGE TO SITE WORKER & ADJACENT STRUCTURE.
 - ANY DISCREPANCY IN THE DRAWING & SITE CONDITIONS SHALL BE BROUGHT TO THE NOTICE OF SITE ENGINEER.
 - CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE BEFORE PROCEEDING WITH THE WORK. HE SHALL IMMEDIATELY NOTIFY THE CONSULTANT IN WRITING FOR ANY DISCREPANCIES FOUND. IF A JOINT VISIT WOULD BE REQUIRED THEN JOINT VISIT EXPENSES WOULD BE IN CLIENT SCOPE.
 - ALL DIMENSION ARE IN MM UNLESS OTHERWISE SPECIFIED.
- CONCRETE**
- REINFORCED CEMENT CONCRETE (R.C.C.) SHALL BE OF GRADE M25 AS PER IS456: 2000.
 - PLAIN CEMENT CONCRETE (P.C.C.) SHALL BE OF GRADE M15.
- REINFORCING STEEL**
- REINFORCING STEEL SHALL BE OF GRADE Fe500D AS PER IS 1786/IS1159.
- BEARING CAPACITY**
- NET SBC 10T/M², AS PER THE GEO TECHNICAL REPORT, HAS BEEN CONSIDERED.
- APPLICABILITY OF DESIGN / DRAWING**
- ACTUAL SOIL CONDITION AFTER EXCAVATION AT SITE HAS BEEN REVIEWED & A COMPETENT ENGINEER HAS CERTIFIED THAT ACTUAL SOIL PARAMETERS AFTER EXCAVATION CONFORM TO SOIL PARAMETERS GIVEN IN SOIL INVESTIGATION REPORT, USED AS BASIS FOR THIS DESIGN.
- NON-APPLICABILITY OF DESIGN / DRAWING**
- ORGANIC SILT, ORGANIC CLAY OR PEAT LAYERS ARE FOUND AT ANY DEPTHS DURING SOIL INVESTIGATION.
 - GROUND WATER TABLE IS FOUND 1.8MT. BELOW GROUND LEVEL.
 - NATURAL SOIL IS NOT AVAILABLE & SOIL IS SUBJECTED TO GROUND IMPROVEMENTS
 - LIQUEFACTION OF SOIL IS POSSIBLE AS PER SOIL INVESTIGATION REPORT OR AS PER FIRST HAND SITE REPORTS.
 - IN CASE TOP OF PLINTH IS FOUND TO BE LOWER THAN THE ROAD LEVEL/HIGH FLOOD LEVEL, THEN BASE PLATE ENCASEMENT SHALL BE TAKEN UP IN CONSULTATION WITH THE SITE ENGINEER/INCHARGE/CONSULTANT.
- COVER TO REINFORCEMENT**
- CLEAR COVER TO ANY REINFORCEMENT SHALL BE AS BELOW:
- | STRUCTURAL ELEMENT | TOP | BOTTOM | SIDE |
|---------------------|-----|--------|------|
| 1.1. SUB-STRUCTURE | | | |
| • FOOTINGS/RAFT | 50 | 50 | 50 |
| • PEDESTALS/COLUMNS | - | - | 50 |
- IS: 456:2000 (CONCRETE)
 - SP 34 (R.C.C)
 - SP16 (1978) DESIGN AIDS FOR REINFORCED CONCRETE
 - IS 1786:2008 FOR REINFORCING STEEL
 - IS 1893:2002 - SEISMIC LOAD & DESIGN
 - IS 800:2007 - (LSD)
 - IS 808:1989
 - IS 806:1998
 - IS 1161:1989
- FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING MATERIAL, METHODS OF CONSTRUCTION, OR OTHER REQUIREMENTS, THE MOST RESTRICTIVE REQUIREMENT SHALL GOVERN.
- WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL GOVERN.

Project Name: POINT NOIRE SEZ, ROC

Project Company:

Design: ARISE
A-702-707, Tower A, Digital Greens, Golf Course Extension, Gurugram, Haryana India. www.ariseip.com

Drawing Title: WELCOME GATE FOUNDATION STRUCTURAL DETAIL WITH BBS & BOQ

CONCEPT DESIGN	DESIGN DEVELOPMENT	TENDER DRAWING	FOR CONSTRUCTION	AS BUILT
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Drawing Number: ARISE IIP/PICP/PN/GFC/STR/WG/FD-01

Number of Revisions	00	Drawing Scale	AS/SHOWN
Date	04.07.2023	Sheet Size	A3

Rev.No.	DESCRIPTION	Designed By	Verified By	Approved By	Date