

## TENDER NOTICE (Re-Opened)

### FORE SCHOOL OF MANAGEMENT

B-18, Qutab Institutional Area, New Delhi

#### "CONSTRUCTION OF PRE-FAB BOUNDARY WALL"

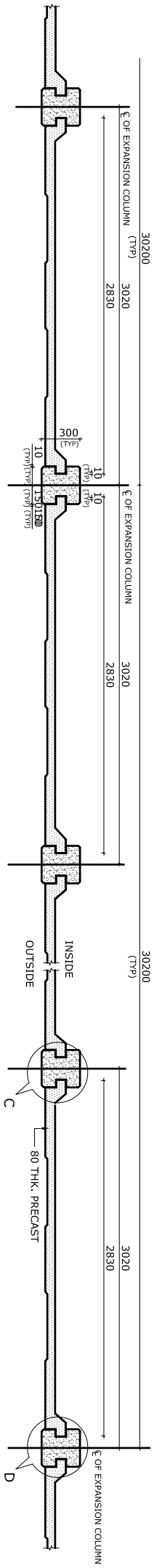
FORE School of Management, New Delhi is looking for the Contractor to Construct the Pre-fab Boundary Wall (approx., 280 mtrs.) at village Kankraula, Naharpur Kasan, Sector- 87, Gurgaon, Haryana as per the attached BOQ and required details. In case you are interested, you may send your quote for the said job in a sealed envelope mentioning "**Quotation for Construction of Pre-fab Boundary Wall**" by courier or to be dropped in the box kept at security gate of FORE School of Management as per the specifications mentioned in the **BOQ latest by 1000 Hrs. on Monday 02<sup>nd</sup> May 2022.**

#### NOTE:

1. Please send your technical and financial bids in separate sealed envelope duly mentioning Technical/ Financial on top of the envelope.  
**(a) Minimum Requirements of Technical Bid:**
  - (i) GST Certificate, PAN Card
  - (ii) List of Projects completed and value of the projects (Last 3 years only).
  - (iii) Photographs of 3 sites where you have constructed pre-fab boundary wall (mention their location, Name of client, Name of the Person to be contacted, Mobile No./ Telephone No.)
  - (iv) Total length of Boundary Wall constructed on the mentioned sites.
2. Work must be completed within the agreed time limit mentioned in the work order and be executed as per the BOQ.
3. If the work is not completed within agreed time period, the LD clause @1% per day will be applied upto the maximum of 5%. The decision of the Director – FSM will be final in this regard.
4. The selected party has to follow strict compliance of Labor Laws as mandated by State/Central Government rules.
5. All the safety guidelines for labour including all types of work must be followed in totality.
6. **Payment Terms:**
  - (a) 5% advance payment along with work order for mobilization of items.
  - (b) 40% payment will be released within 15 working days once item will be delivered on site and submission of bill.
  - (c) 45% payment will be released within 15 working days after satisfactory completion of the work and submission of final invoice.
  - (d) 10% payment will be released after 6 months i.e. after expiry of defect liability period.
7. FORE School of Management reserves the right to accept or reject the tender submitted, if found not in order/not fulfilling the requirements of the Institute.
8. For any query/ clarification, please contact to Mr. Shailendra Kumar on 011-41242424 Extn. 421 from Monday to Friday between 1100 Hrs. to 1600 Hrs.

April 22, 2022

  
Senior  
Adm. Officer  
Shailendra  
22/4/22  
Sr. Administrative Officer



TYPICAL LONGITUDINAL SECTION OF SECURITY WALL  
(BETWEEN EXP. JOINT)

ERECTION HOLE IN FOOTINGS, COLUMNS & WALL PLANKS TO BE SUITABLY PROVIDED AS PER C/MPC DRG.

DURING DE-MOULDING TRANSPORTING & ERECTION STAGE, ALL WALL ELEMENTS TO BE HANDLED IN VERTICAL POSITION ONLY, IF THE ELEMENTS ARE CAST HORIZONTALLY THEN SUITABLE FILLING MOLD DET. TO BE REF. C/MPC. DRG.

ANY WATER BODY CROSSINGS IN COMPOUND WALL SHALL BE BROUGHT IMMEDIATELY, FOR ALTERNATE SOLUTION TO DESIGN OFFICE.

EARTH FILLING ALONG COMPOUND WALL TO BE CARRIED OUT IN REQUIRED SLOPE SO AS TO AVOID STAGNANTION/ PONDING OF WATER NEAR WALL.

NO DIFFERENCE IN GROUND LEVEL BETWEEN INSIDE & OUTSIDE OF COMPOUND WALL IS ASSUMED IN THE DESIGN.

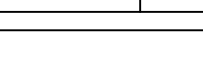
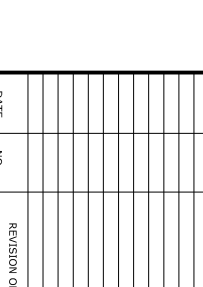
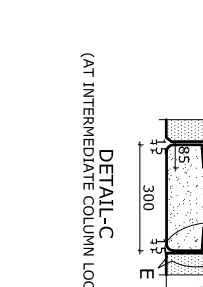
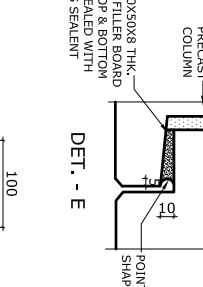
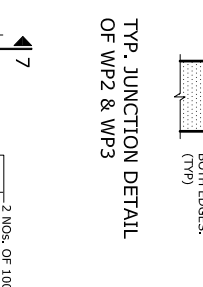
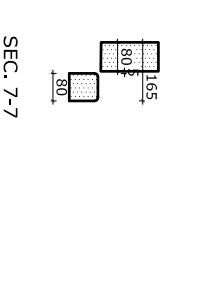
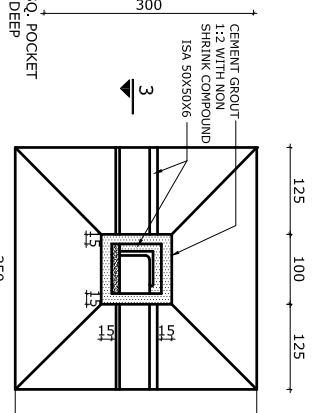
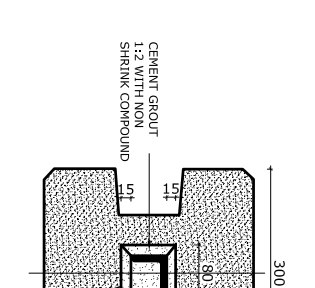
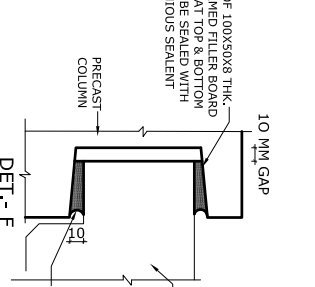
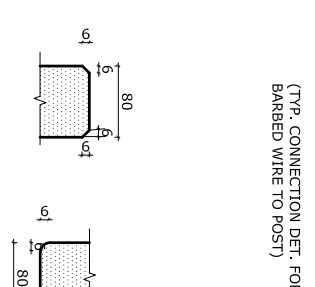
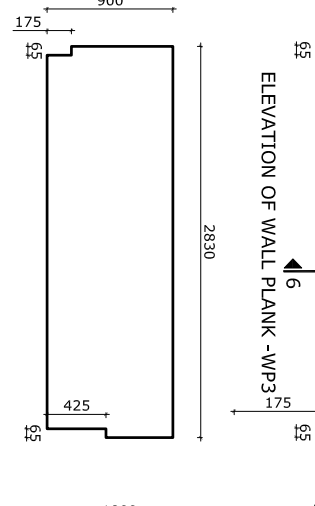
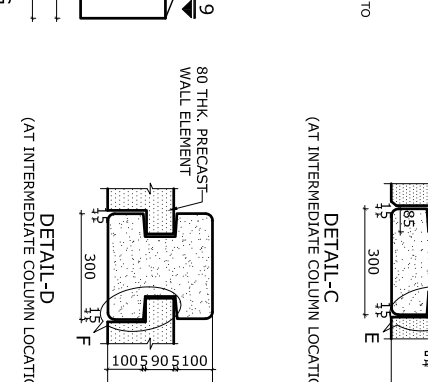
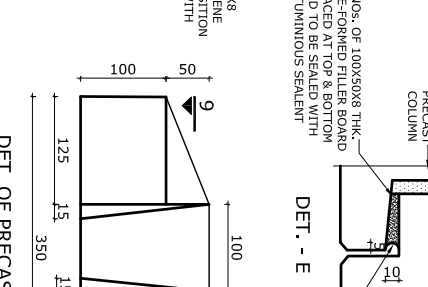
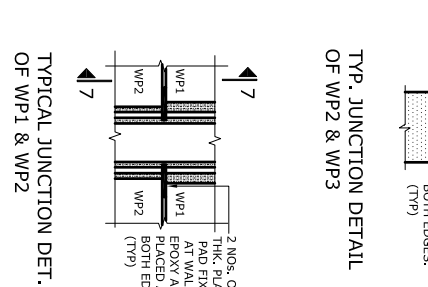
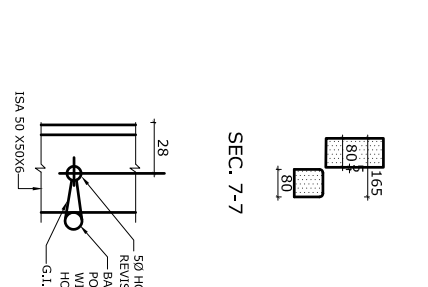
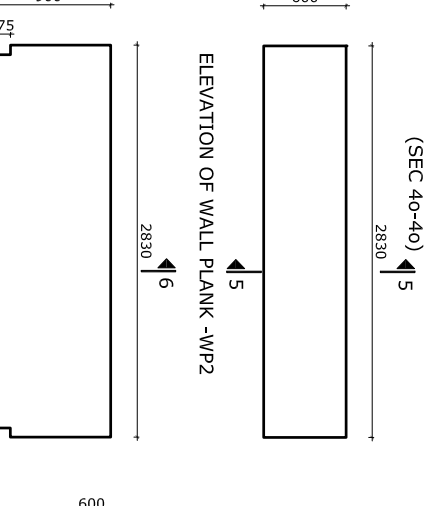
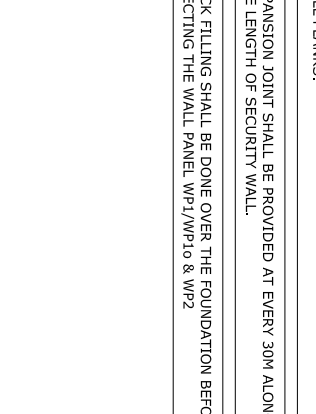
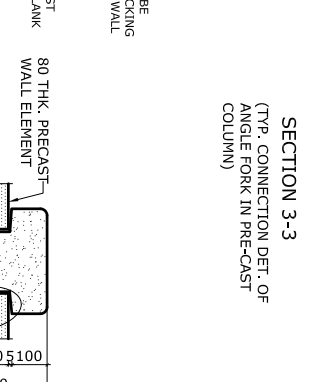
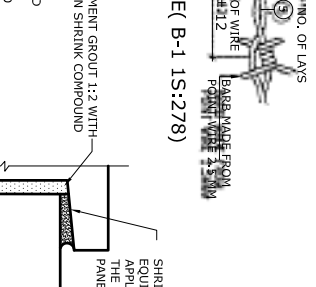
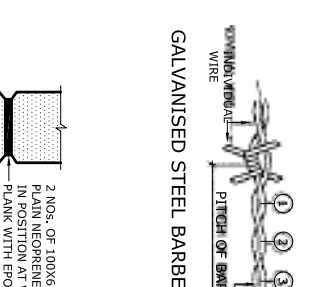
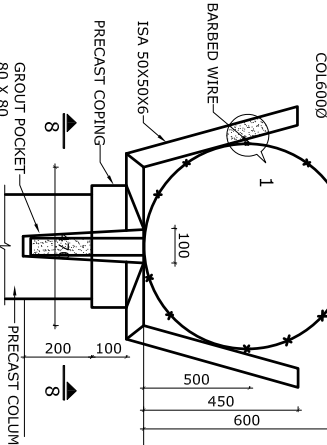
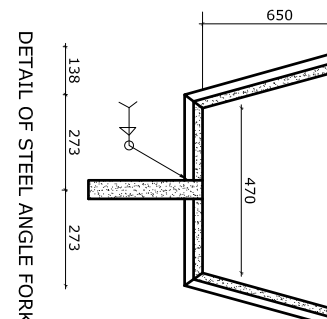
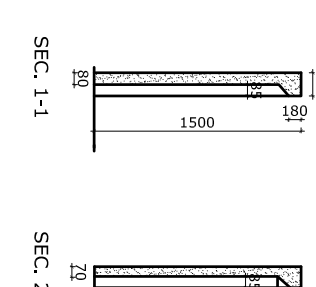
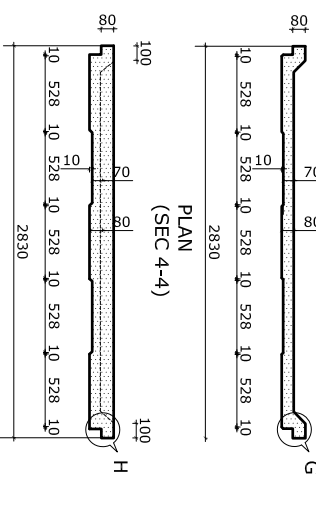
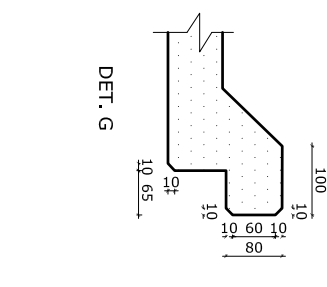
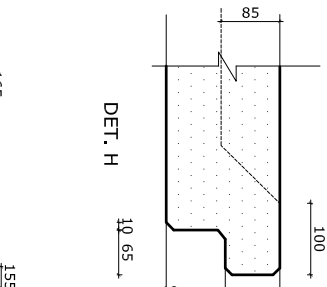
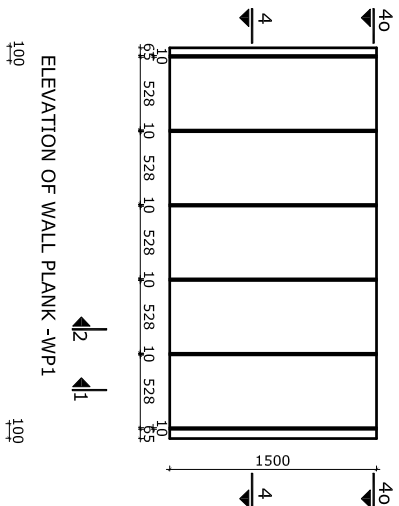
BACK FILLING TO BE DONE UNIFORMLY ALONG EITHER SIDE OF COMPOUND WALL AFTER THE ERECTION OF FOOTING AND WALL PLANKS.

EXPANSION JOINT SHALL BE PROVIDED AT EVERY 30M ALONG THE LENGTH OF SECURITY WALL.

BACK FILLING SHALL BE DONE OVER THE FOUNDATION BEFORE ERECTING THE WALL PANEL WP1/WP10 & WP2

SCHEDULE FOR PRE-CAST ELEMENTS  
(PER 30M LENGTH OF WALL)

ELEMENT	NO.
FOOTING	11
COLUMN	11
WALL ELEMENT WP1	10
WALL ELEMENT WP2	20
WALL ELEMENT WP3	10



- NOTES:
- ALL DIMENSIONS IN MM AND LEVELS ARE IN METER
  - THE GALVANIZED STEEL BARBED WIRE B1 CONFORMING TO IS:278 SHALL HAVE LINE WIRE OF 250 mm POINT WIRE OF 62.0 MM. & MINIMUM WEIGHT OF COMPLETE BARBED WIRE SHALL BE 108 gm/m WITH A DISTANCE OF 75mm BETWEEN TWO BARS.
  - GRADE OF CONCRETE SHALL BE AS FOLLOWS
    - PRECAST FOOTING & COLUMN - M20
    - PRECAST WALL PLANKS WP2 & WP3 - M25
    - PRECAST COPINGS - M25
  - CLEAR COVER FOR ALL REINFORCEMENT SHALL BE AS FOLLOWS
    - PRECAST COPINGS - 25mm
    - PRECAST WALL PANELS - REINF. PLACED AT THE CENTRE
  - FOR LAYOUT OF SECURITY WALL REFER DRG. NO. DWA-1-1-C2-821ND-04NS-001 TO 003
  - FOR RC DETAIL OF WALL PANEL AND COPING REFER DRG. NO. DWLCL1-0-C2-02INC-04NS-003

NOTE :- ALL DIMENSIONS ARE IN MM

DATE	NO.	REVISION OF ITEMS

KEY PLAN

DESIGN ACTION GROUP  
277, JULEKA COMMERCIAL COMPLEX  
DURGAM CHOWKI, HYDRABAD-500017

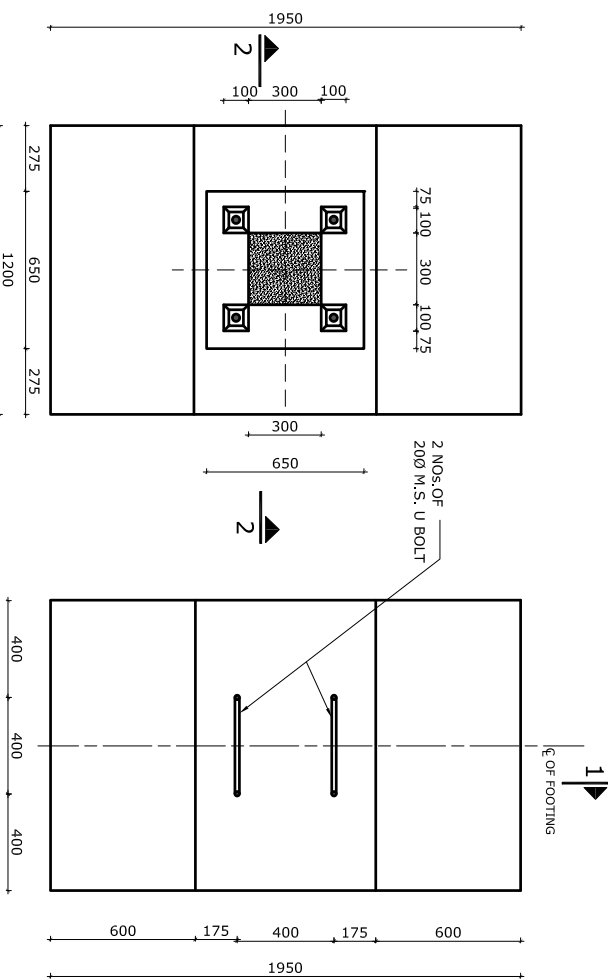
FORE UNIVERSITY CAMPUS,  
SECTOR - 87, MANESAR,  
GURUGRAM, HARYANA

BOUNDARY WALL DETAIL - 4

F O R E  
Foundation for Organizational Research and Education  
B-18, Okada Industrial Area  
New Delhi - 110025

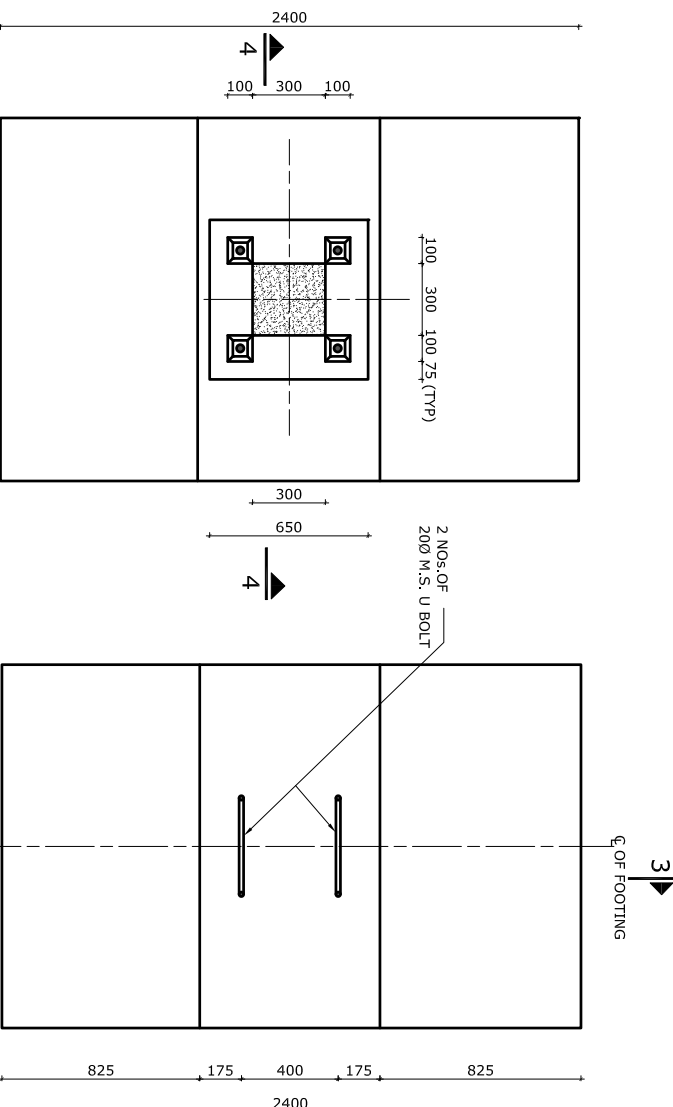
North

DATE: 11/08/2023  
SCALE: 1:100  
DRAWN: RISHI  
CHECKED: RISHI



TYPICAL CONNECTION BETWEEN FOOTING -F1 & COLUMN

NUM. DET. OF FOOTING -F1 (FOOTING RESTED BELOW NGL)



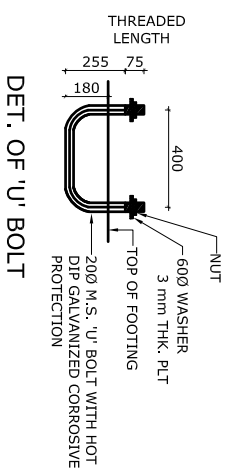
TYPICAL CONNECTION BETWEEN FOOTING -F2 & COLUMN

NUM. DET. OF FOOTING -F2 (FOOTING RESTED ON FILLED UP SOIL.)

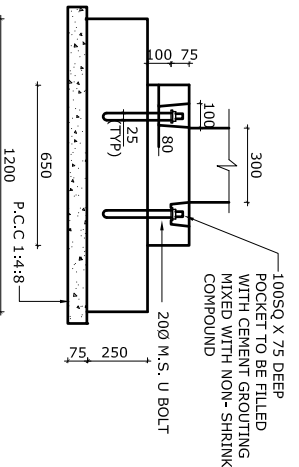
- COMPACTION SHALL BE DONE FOR FILLED UP SOIL TO ACHIEVE 98% MAXIMUM DRY DENSITY.
- NET SAFE BEARING CAPACITY OF SOIL IS TAKEN AS 10 T/M<sup>2</sup> FOR FOOTING BELOW NGL AND 5T/M<sup>2</sup> FOR FOOTING RESTED ON FILLED UP SOIL.
- ERECTION HOLE IN FOOTINGS, COLUMNS & WALL PLANKS TO BE SUITABLY PROVIDED AS PER CMPC DRG.
- DURING DE-MOULDING, TRANSPORTING & ERECTION STAGE, ALL WALL ELEMENTS TO BE HANDLED IN VERTICAL POSITION ONLY. IF THE ELEMENTS ARE CAST HORIZONTALLY THEN SUITABLE TILTING MOULD DET. TO BE REF. CMPC. DRG.
- ANY WATER BODY CROSSINGS IN COMPOUND WALL SHALL BE BROUGHT IMMEDIATELY, FOR ALTERNATE SOLUTION TO DESIGN OFFICE.
- EARTH FILLING ALONG COMPOUND WALL TO BE CARRIED OUT IN REQUIRED SLOPE SO AS TO AVOID STAGNATION/ PONDING OF WATER NEAR WALL.
- NO DIFFERENCE IN GROUND LEVEL BETWEEN INSIDE & OUTSIDE OF COMPOUND WALL IS ASSUMED IN THE DESIGN.
- BACK FILLING TO BE DONE UNIFORMLY ALONG EITHER SIDE OF COMPOUND WALL AFTER THE ERECTION OF FOOTING AND WALL PLANKS.
- EXPANSION JOINT SHALL BE PROVIDED AT EVERY 30M ALONG THE LENGTH OF SECURITY WALL.



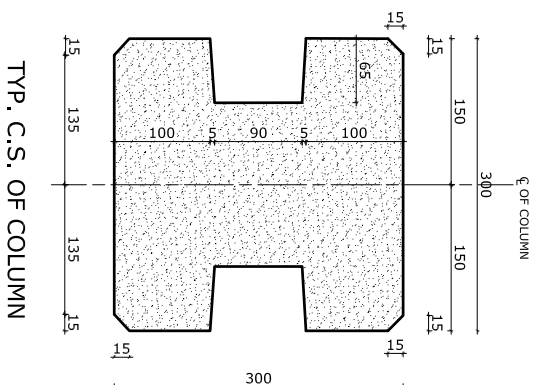
KEY PLAN



DET. OF 'U' BOLT



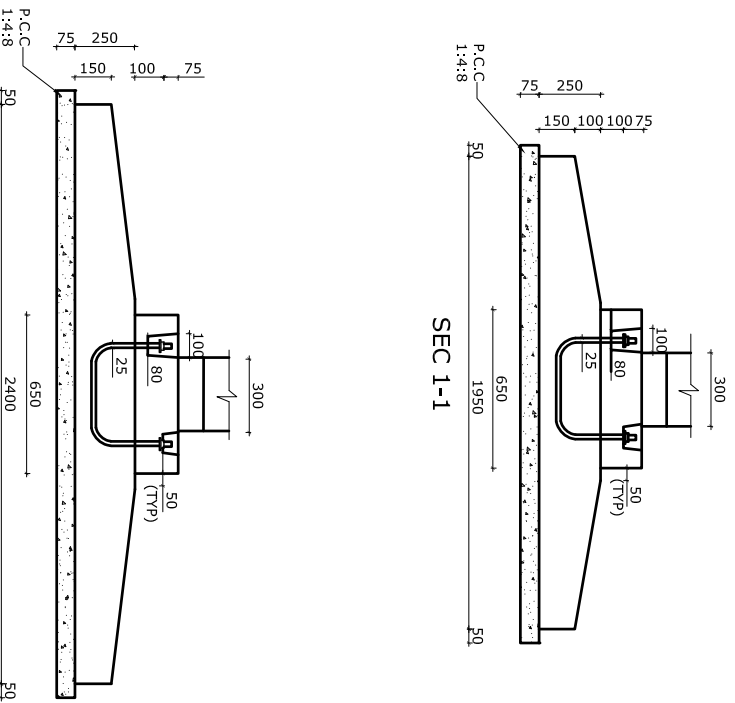
SEC 2-2



TYP. C.S. OF COLUMN

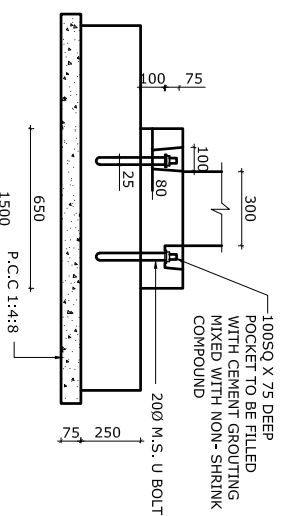
NOTES.

- ALL DIMENSIONS IN MM AND LEVELS ARE IN METER
- LAP LENGTH SHALL BE 40 TIMES DIA OF BAR AND SHALL BE STAGGERED
- GRADE OF CONCRETE SHALL BE AS FOLLOWS
  - PRECAST FOOTING & COLUMN - M 30
  - CLEAR COVER FOR ALL REINFORCEMENT SHALL BE AS FOLLOWS
    - PRECAST COLUMN + FLANGE - 40mm, WEB- 30 mm
- FOR LAYOUT OF SECURITY WALL REFER DRG. NO. DIAL -1T-1-C2-021NU - DWG - 001 TO 035

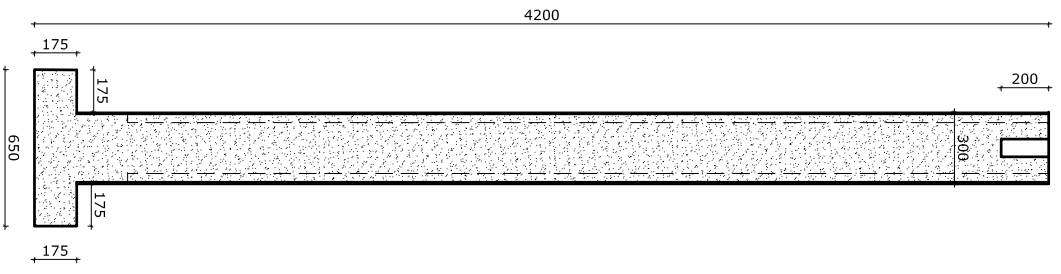


SEC 1-1

SEC 3-3



SEC 4-4



TYPICAL L.S. OF COL

NO.	REVISION OF ITEMS	DATE

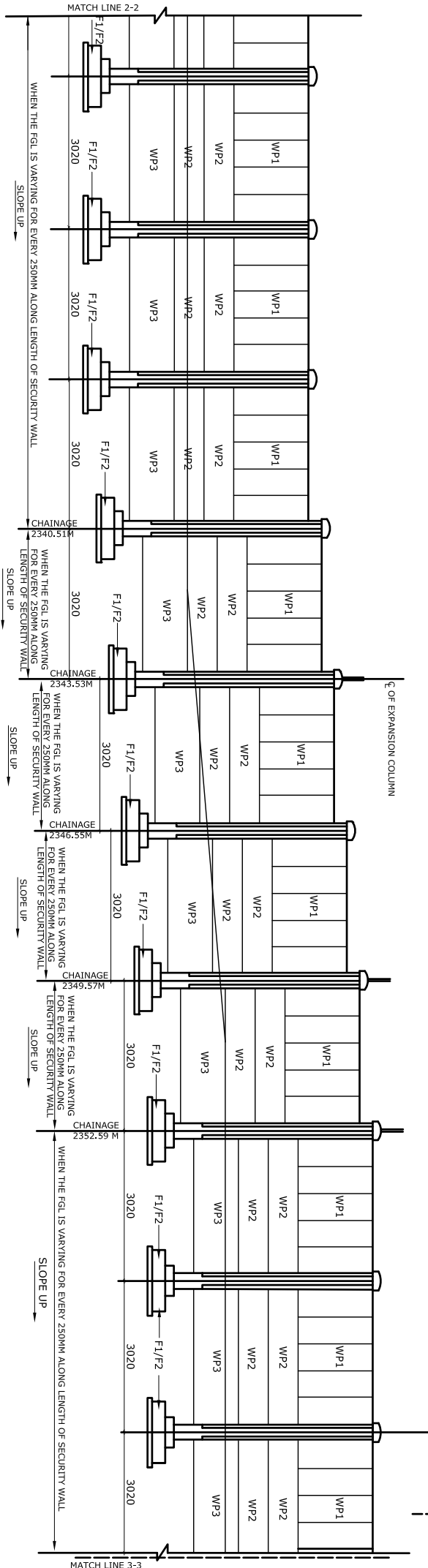
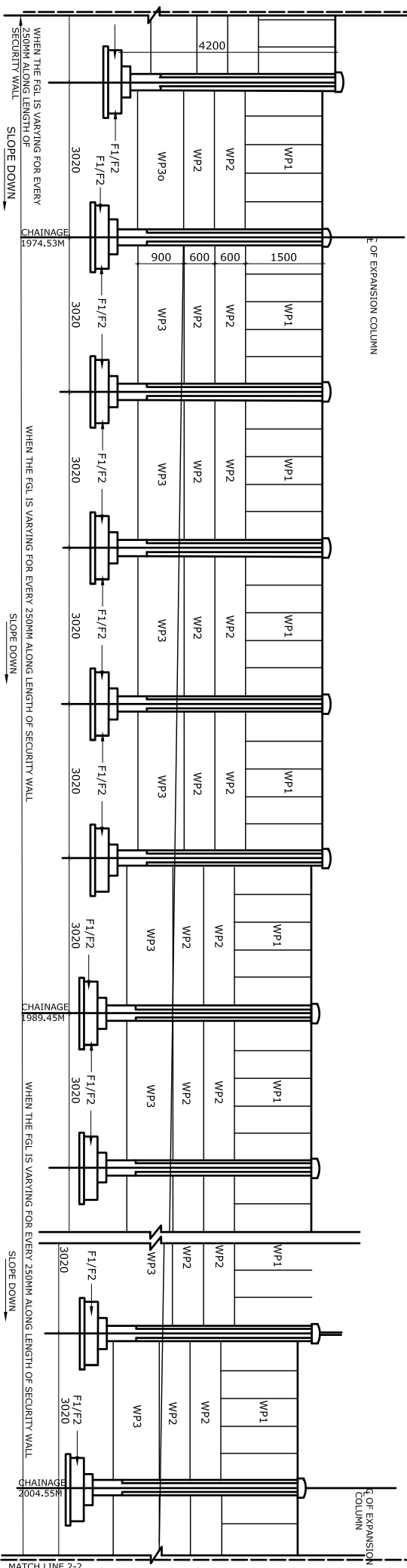
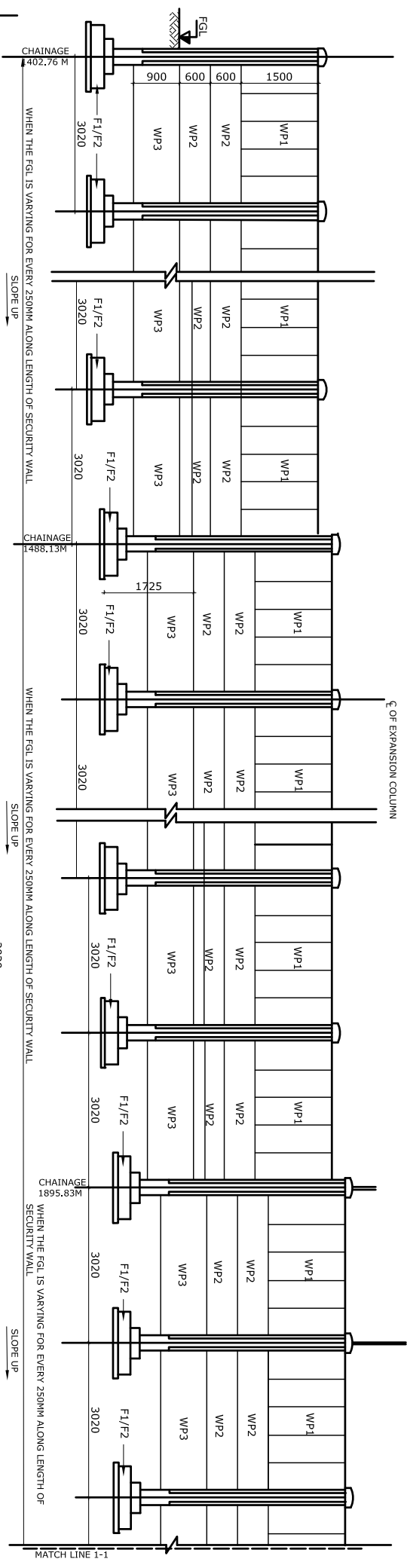
NOTE :- ALL DIMENSIONS ARE IN MM

PROJECT: FORE UNIVERSITY CAMPUS, SECTOR - 87, MANESAR, CHURUGRAM, HARYANA

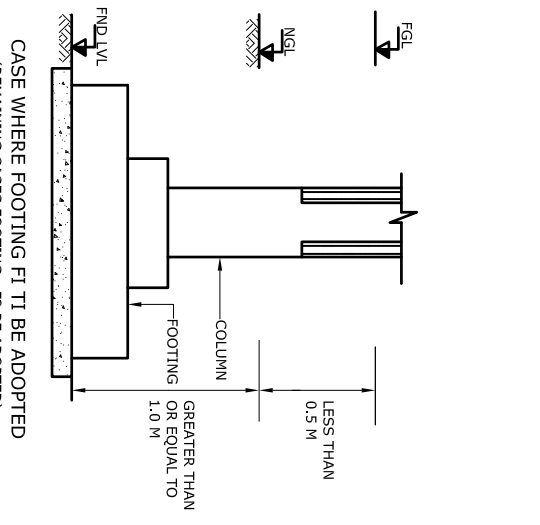
BOUNDARY WALL DETAIL - 3

DESIGN ACTION GROUP  
277, JULEKA COMMERCIAL COMPLEX,  
OKHLA ROAD, NEW DELHI - 110025  
CONTACT: 8860028922, 8860028924, 8860028923, 8860028925



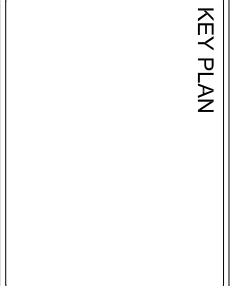


**LONGITUDINAL ELEVATION OF PRECAST SECURITY WALL BETWEEN CHAINAGE 1402.76 TO 2352.59**



**LEGENDS :**  
 FGL : FINISHED GROUND LEVEL  
 NGL : NATURAL GROUND LEVEL  
 FDN : FOUNDING LEVEL

**NOTES.**  
 1. ALL DIMENSIONS IN MM AND LEVELS ARE IN METER  
 2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH  
 DWG NO: DIAL-LT-1-C2-02INU-DWG-001 TO 35  
 3. FOR RC DETAIL OF PRE CAST WALL PANEL, COLUMN AND  
 FOOTING REFER DRG. NO. DIAL-LT-1-C2-021RC-DWG-039



DATE	NO.	REVISION OF ITEMS
		POINTS ISSUED TO

**NOTE : - ALL DIMENSIONS ARE IN MM**

**Project :** FORE UNIVERSITY CAMPUS, GURUGRAM, HARYANA

**Client :** FORE  
 Foundation for Organizational Research and Education  
 B-18, Okhla industrial area  
 New Delhi - 110025

**Designers :** DESIGN ACTION GROUP  
 277, JUBILEE COMMERCIAL COMPLEX  
 OKHLA ROAD, NEW DELHI - 110025  
 PHONE: +91-11-26109630 FAX: +91-11-26109631  
 WEBSITE: www.dagindia.com

**BOUNDARY WALL DETAIL - 1**

**Scale:** 1:500

**Drawn by:** [Signature]

**Checked by:** [Signature]

**Date:** [Date]

**Project No.:** [Number]

**Sheet No.:** [Number]

**Scale:** 1:500

**NAME OF WORK: RCC Panels Boundary wall, FORE Campus, Manesar**

Item No.	Particulars	Unit	Quantity	Rate without GST	Amount
1	1. Providing and fixing in position, 200 mm thick factory made Expanded Polystyrene Core (EPS Core) wall panels consisting of EPS core sandwiched between two Engineered sheets of welded wire fabric mesh duly finished with shortcrete materials on outer faces. The fabric mesh shall be made of 3 mm dia G.I. wire mesh with 50 mm pitch in both the directions and on both faces of the wall, kept at 120-135 mm gap and connected by the zig zag G.I. wire of 3 mm dia at alternate row by welding (at an angle ranging from 50-70 degree) . The EPS core shall consist of 100 mm thick EPS of density not less than 20 kg/ per cum. Both the outer faces of the panel shall be finished by applying the layer of 50 mm thick cement mortar 1:3 {1 cement: 3 coarse sand (not having more than 40% stone chips of size upto 6 mm)} with the help of shotcreting/guniting equipment etc at a pressure not less than 1 bar (100Kn/m2) and both surfaces finished with trowel. Fixing operations of wall panels shall be completed in all respect as per drawings and specifications and under the overall direction of the Engineer-in-charge. (Same as Airport Boundary Wall)	Sqm	850.00		
2	Demolishing stone rubble masonry manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material any lead as per direction of local / MCD				
2.1	In cement mortar	Cum	100.00		
3	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	KG	400.00		
4	Applying priming coat With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works (two coat)	sq.m	1000.00		
5	Painting with ready mixed enamel paint of approved brand and manufacture in all shade to give an even shade:				
5.1	Steel work (two or more coats)	sq.m	1000.00		
6	Providing and fixing 450 mm dia Concentina wire fixed on barbed wire at required distance (one coil of 6.25 kg for each 8 mt distance) and fixed with G. I. stples, turn buckles etc. complete in all respect. payment to be made per kg of the concertina wire used. with G.I. concertina wire.	KG	275.00		
7	Applying one coat of water thinnable cement primer of approved brandand manufacture on wall surface : Water thinnable cement primer	sq.m	1400.00		
8	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	sq.m	1400.00		
				<b>Sub Total</b>	<b>0.00</b>
				GST @18%	
				<b>Grand Total</b>	