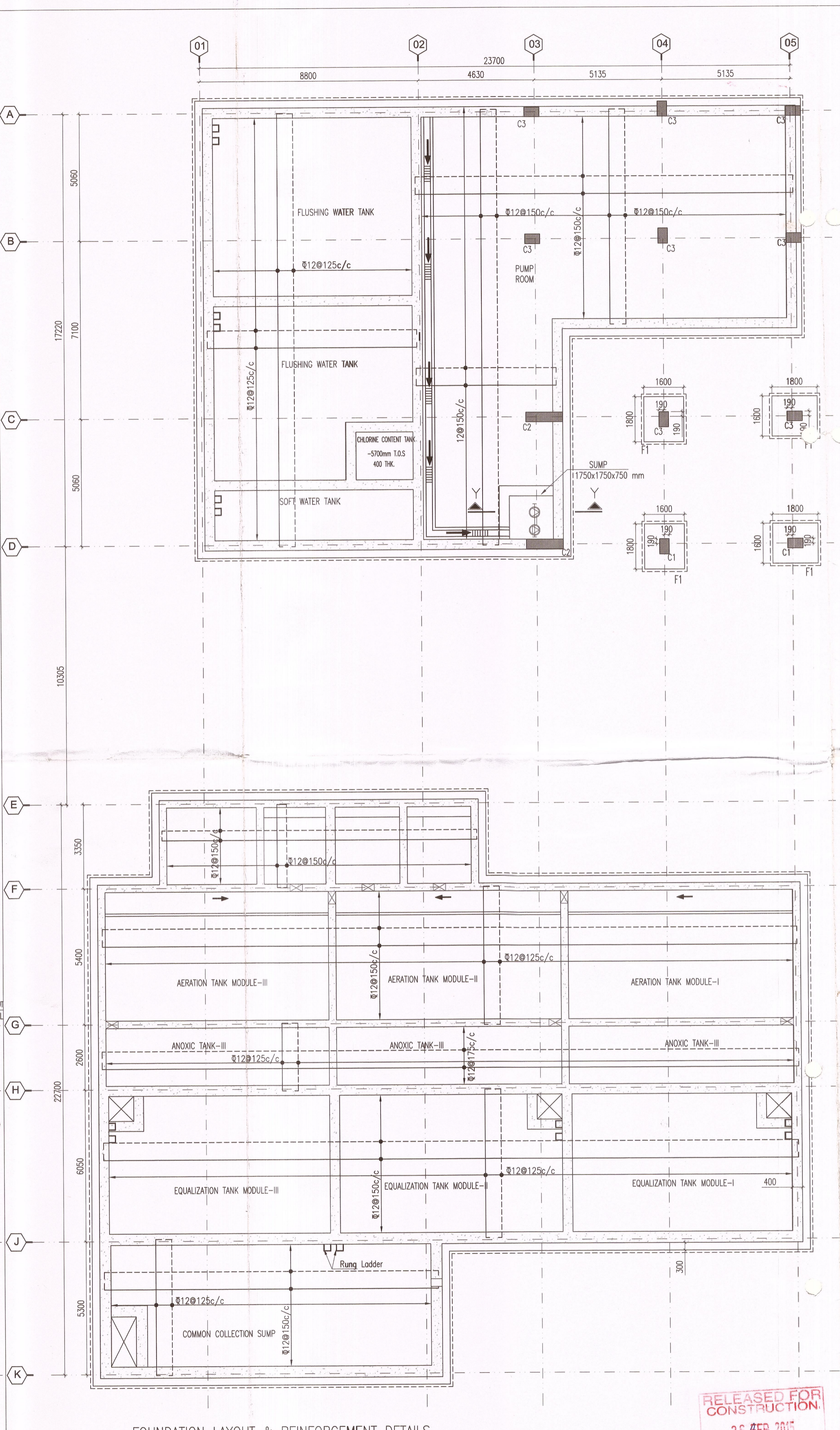


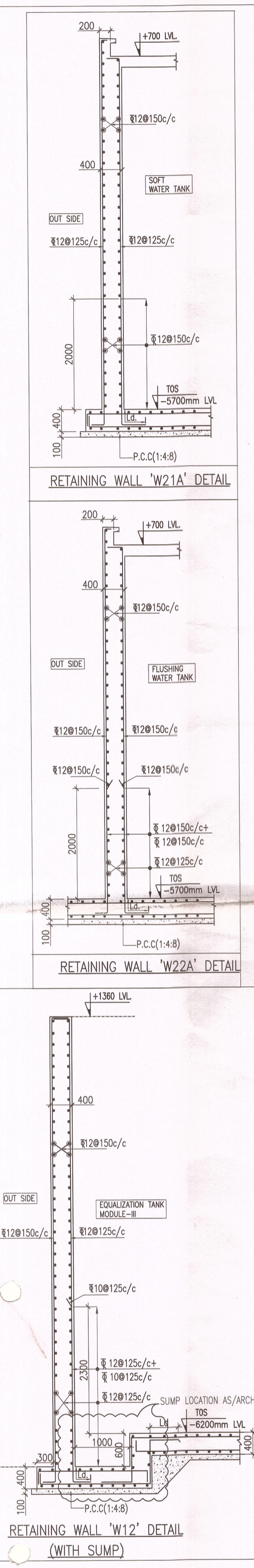
FOUNDATION LAYOUT

FOOTING SCHEDULE :-

FOOTING TYPE	FOOTING SIZE (A x B)	FOOTING THICKNESS (C)	REINFORCEMENT (BOTTOM) BOTHWAYS
F1	1800 x 1600	500	12@125c/c



FOUNDATION LAYOUT & REINFORCEMENT DETAILS



GOOD FOR CONSTRUCTION
26 Feb 2015
Arrop Associates Pvt. Ltd.
New Delhi, INDIA

RELEASED FOR CONSTRUCTION
26 FEB 2015
SIGNATURE OF TECHNICAL PROJECTS CONSULTANT'S PVT. LTD.

NOTES :- IF IN DOUBT ASK

- ALL DIMENSIONS ARE IN MM ONLY, UNLESS OTHERWISE SPECIFIED.
- DO NOT SCALE THE DRAWING FOLLOW FIGURED DIMENSIONS ONLY.
- PROVIDE A LAP LENGTH OF 40TIMES DIA OF SMALLER BARS WHEREVER LAPPING IS NEEDED .
- READ THIS DRG. ALONG WITH ARCHITECTURAL DRG. IN CASE OF ANY DISCREPANCY BEING NOTED IT SHALL BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE COMMENCING THE WORK.
- THE CLEAR COVER SHOWN IN TABLE BELOW SHALL BE FROM THE OUTER FACE OF THE STRUCTURAL ELEMENT TO THE TIES FOR COLUMN AND TO THE MAIN REINFORCEMENT IN CASE OF FOOTINGS & RETAINING WALLS.

ITEM	GRADE OF CONCRETE	GRADE OF STEEL	CLEAR COVER
FOOTINGS	M45	Fe500	50 mm
RCC WALLS	M45	Fe500	40 mm

- LEGEND :-**
- INDICATES BOTTOM REINFORCEMENT
 - INDICATES TOP REINFORCEMENT

NOTES :-
THIS DRAWING TO BE CO-ORDINATION WITH STP VENDOR SHOP DWG. BEFORE EXECUTION (FOR ANY SLEEVE/HANGER/HOOKS ETC LOCATION)

CLIENTS
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Ordnance Factory Estate,
Yeddumailaram-502205,
Andhra Pradesh, INDIA

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NEW DELHI 110048
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FAX : 011 - 26242035

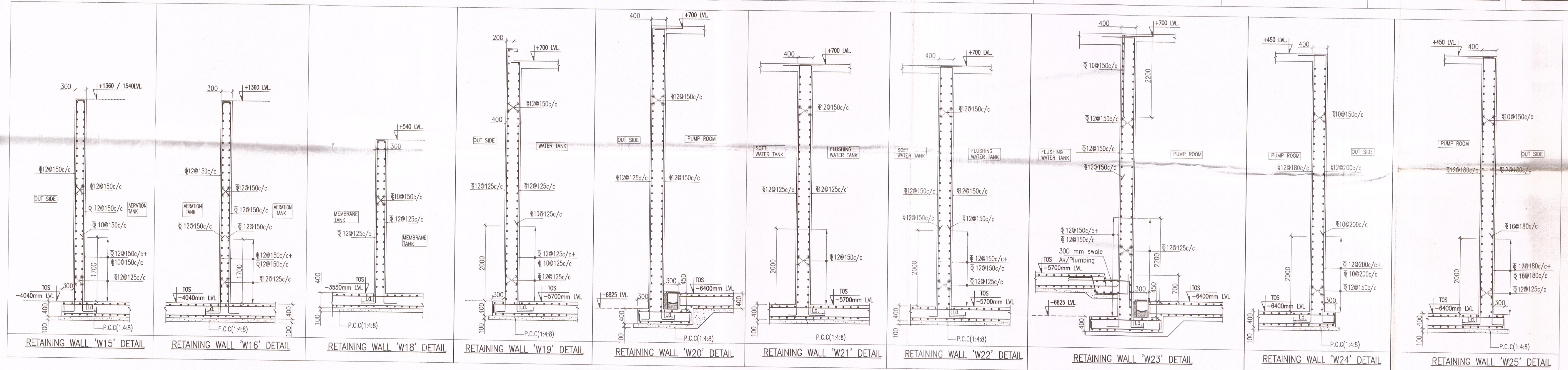
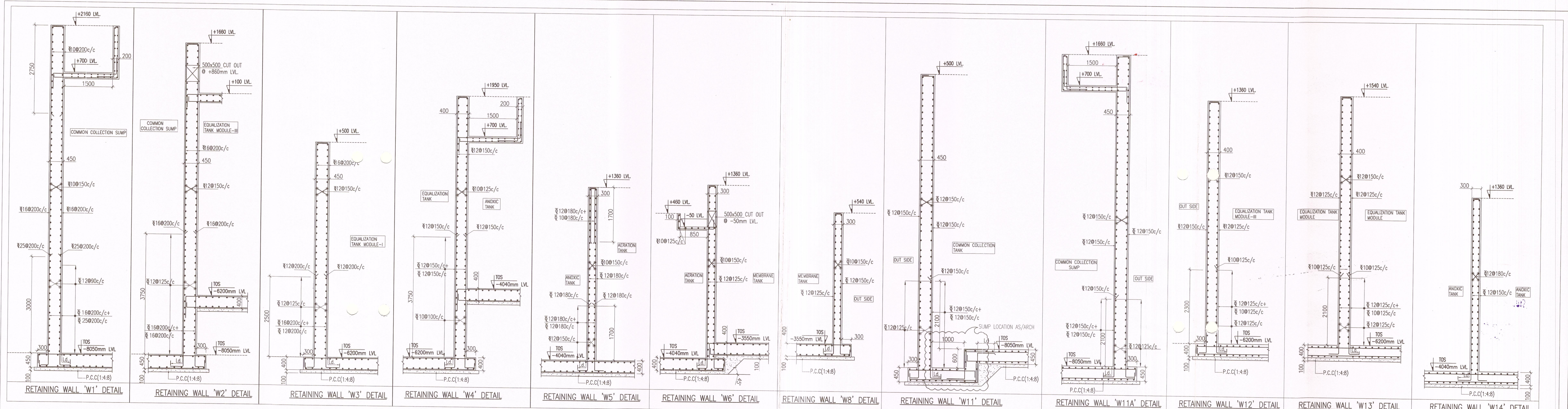
Structures TECHNICAL PROJECTS CONSULTANTS
DELHI OFFICE: HYDERABAD OFFICE:
E-2, CHURCH COMPLEX, SUKHDEV VIHAR, NEW DELHI-110025
FLAT NO 503, 5TH FLOOR, SRIVATSASA APARTMENTS, METHODIST COLONY, BEGUMPET, HYDERABAD-500016
TEL: 26823309, 26318650 TEL: (0091) 040-33574812
FAX: 011-26910652

Architect's Signature: _____
Client's Signature: _____
Executive Engineer (C), IITH.

Job Title: **26 FEB 2015**
IITH EXTERNAL SERVICES BUILDINGS

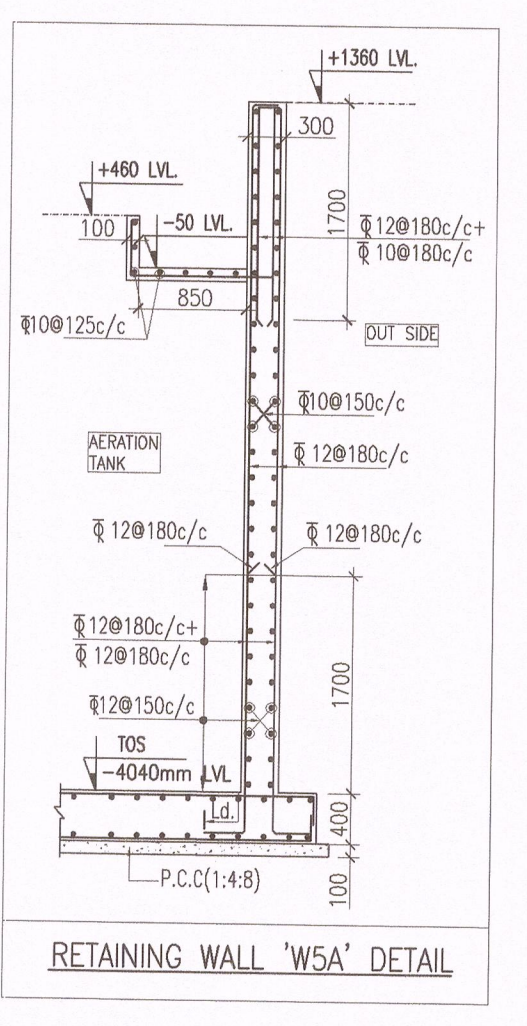
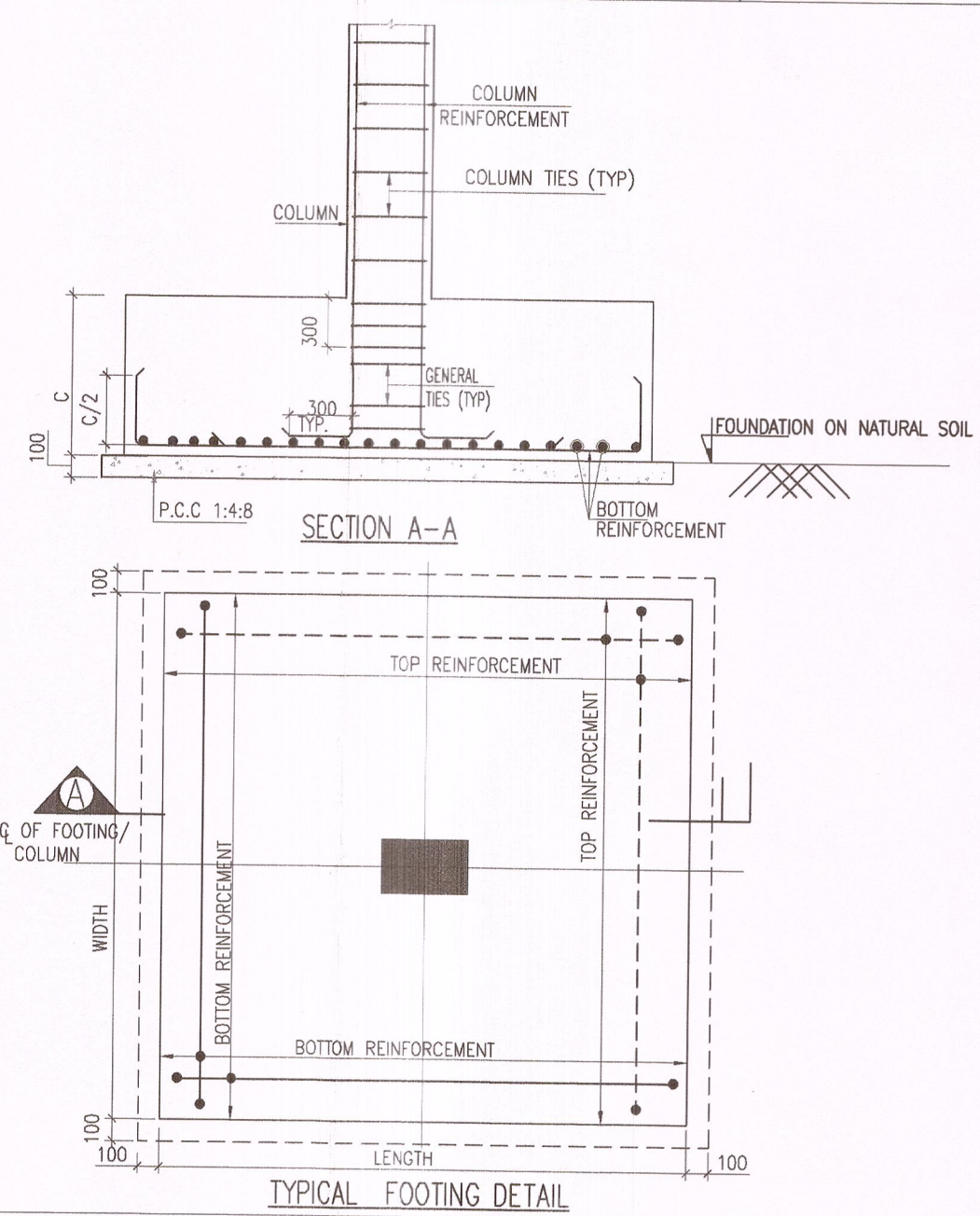
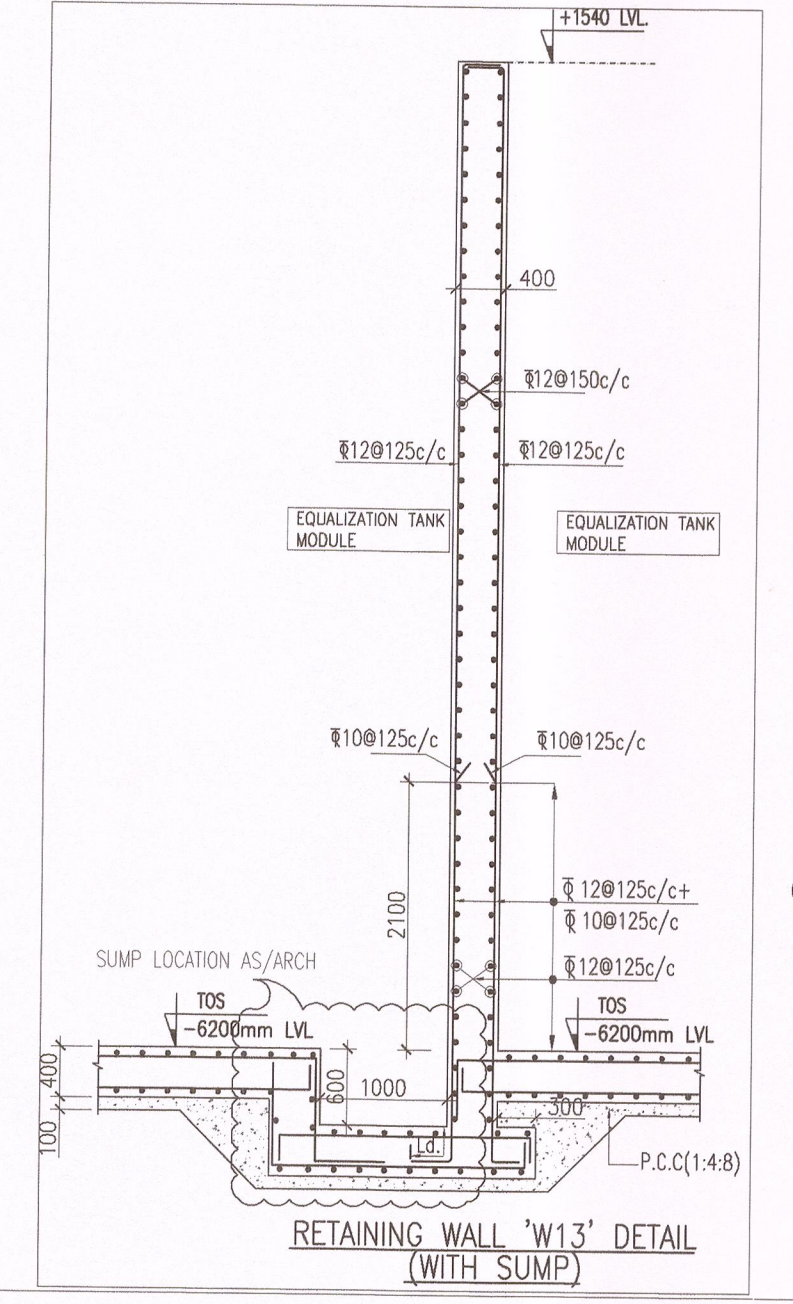
Drawing Title: **MBR BASED SEWER TREATMENT PLANT STP FOUNDATION LAYOUT**
Document Release Type: **GOOD FOR CONSTRUCTION**

Job No.	2012/09	N
Scale	1:100	
Date	01-12-2014	Drawing No.
Drawn by	MAHESWARI	ES-STP-01
Checked by	CHARY	Revision No.
AUTHORITY:		R0



COLUMN DETAILS:-

FOUNDATION LVL TO +450 LEVEL	+450 LEVEL TO +750 LEVEL	
	90	380
COL. REINFORCEMENT	•10Ø16+•4Ø12	•14Ø16
COL. STIRRUPS (GEN.)	•Ø8@190C/C	•Ø8@190C/C
COL. STIRRUPS (CONF.)	•Ø10@95C/C	•Ø10@95C/C
COL. SIZE	380x600	380x600
CONC. MIX	M-45	M-45
COL. MAR	C1	C3



PLEASE CO-ORDINATION THIS DRAWING WITH RESPECTIVE PLUMBING SERVICES DWG. BEFORE EXECUTION

GOOD FOR CONSTRUCTION
26 Feb 2015
Arcop Associates Pvt. Ltd.
New Delhi-INDIA

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26 FEB 2015

ISSUES				
NO.	DATE	BY	TO	PURPOSE

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Yeddumallaram-502205,
Andhra Pradesh, INDIA

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E-106, G.K. ENCLAVE PART 1
NEW DELHI 110048
PHONE : 011 - 26242050
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Structures
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DELHI OFFICE: HYDERABAD OFFICE:
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FLAT NO 503, 5TH FLOOR, SRIVATSAS APARTMENTS
METHODIST COLONY, BEGUMPET,
HYDERABAD-500018;
TEL: (0091) 040-33574812

Architect's Signature

26 FEB 2015

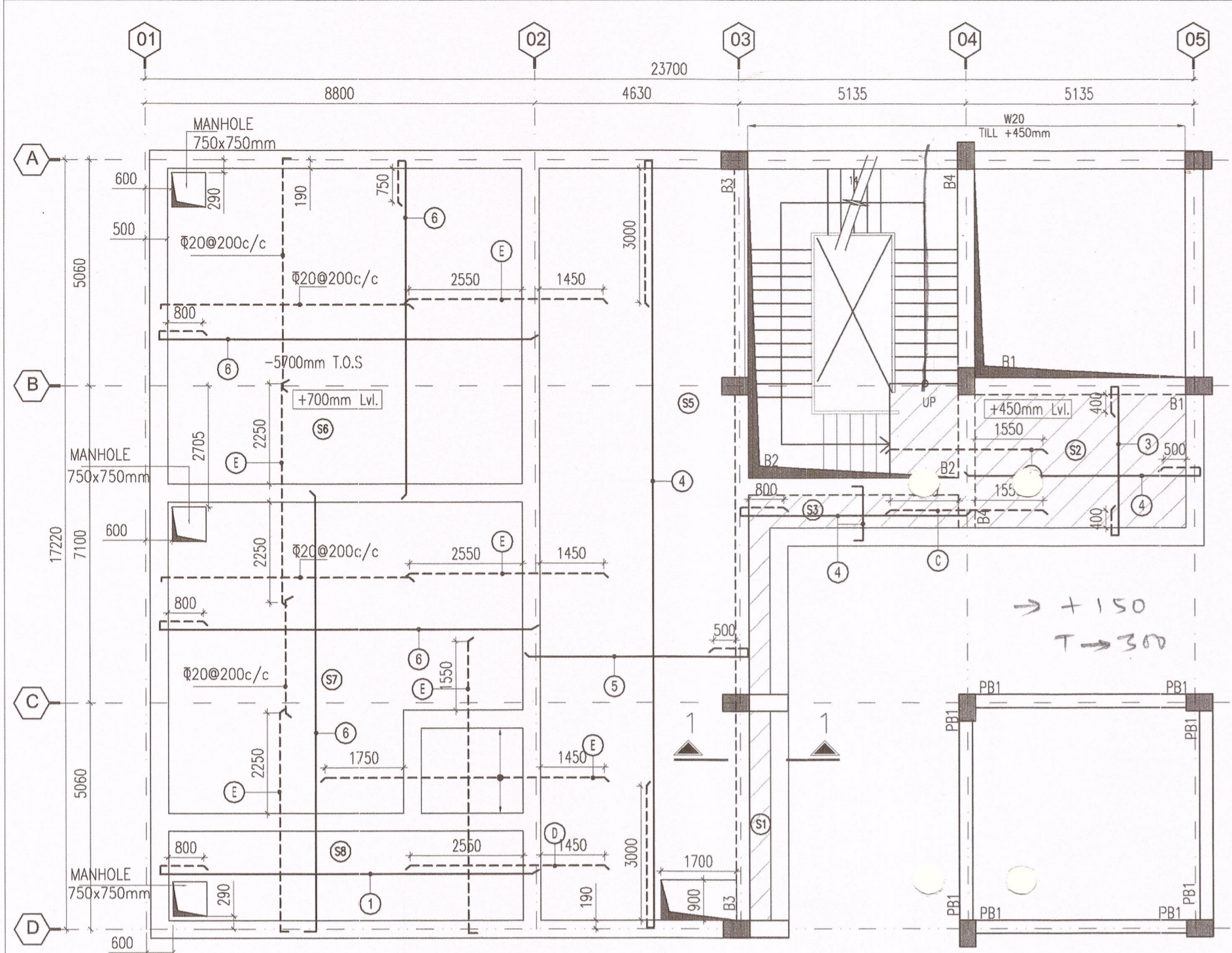
Job Title
IITH EXTERNAL SERVICES BUILDINGS

Drawing Title
MBR BASED SEWER TREATMENT PLANT STP FOUNDATION DETAILS

Document Release Type
GOOD FOR CONSTRUCTION

Job No.	2010/50	N
Scale	1: 50	
Date	01-12-2014	Drawing No.
Drawn by	MAHESWARI	ES-STP-01A
Checked by	CHARY	Revision No.
AUTHORITY:		R0

ITEM	GRADE OF CONCRETE	GRADE OF STEEL	CLEAR COVER
FOOTINGS	M45	Fa500	50 mm
RCC WALLS	M45	Fa500	40 mm
BASE SLAB	M45	Fa500	20 mm
ROOF SLAB	M45	Fa500	20 mm



SLAB THICKNESS SCHEDULE:-

No	THICKNESS
(S1) (S2) (S3) (S4) (S5)	200 THICK
(S6) (S7)	300 THICK

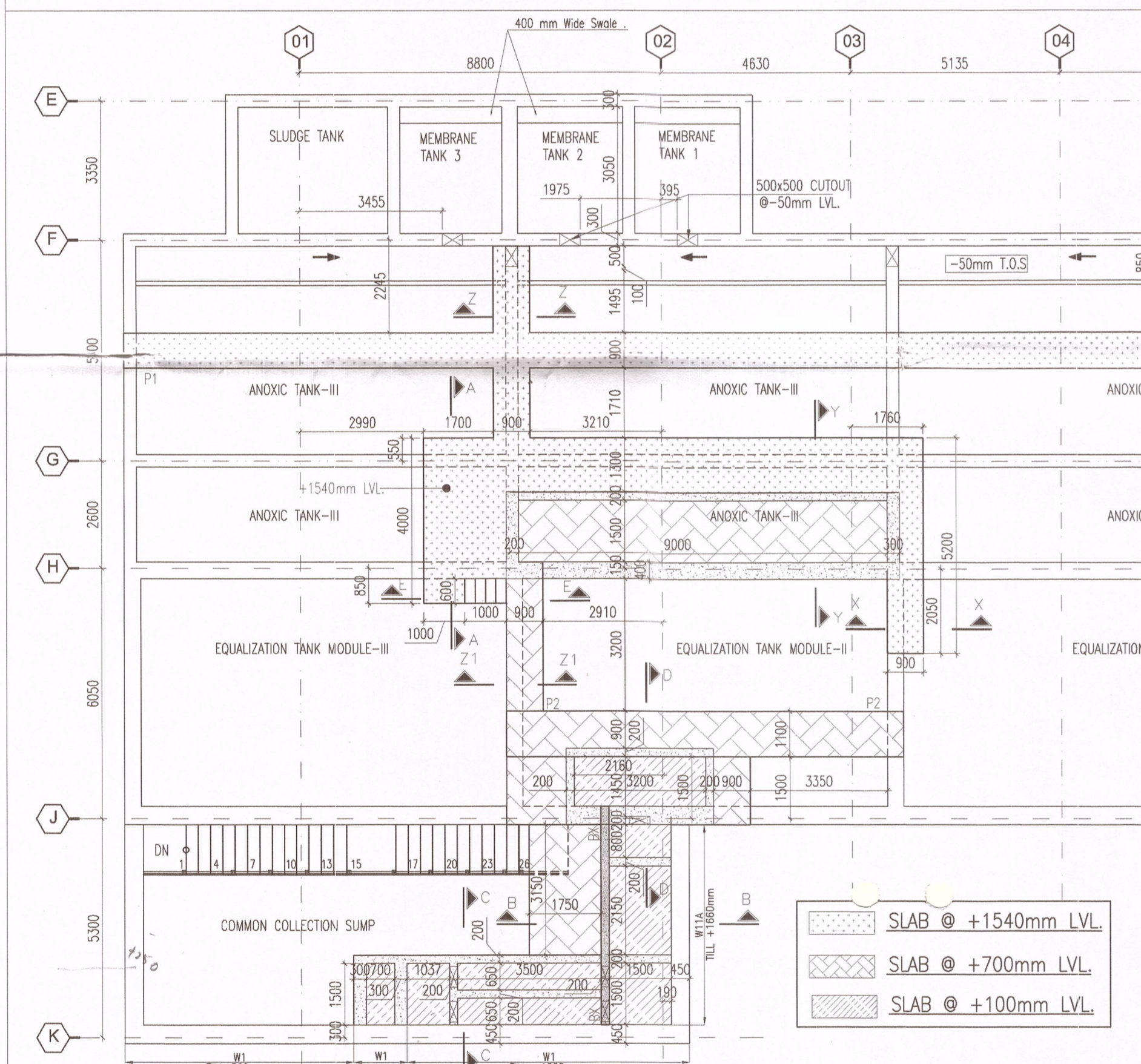
BEAM SIZE SCHEDULE

BEAM MARK	BEAM SIZES
BEAM B1	380X600
BEAM B2	380X600
BEAM B3	300X600
BEAM B4	380X600

BEAM SIZE SCHEDULE

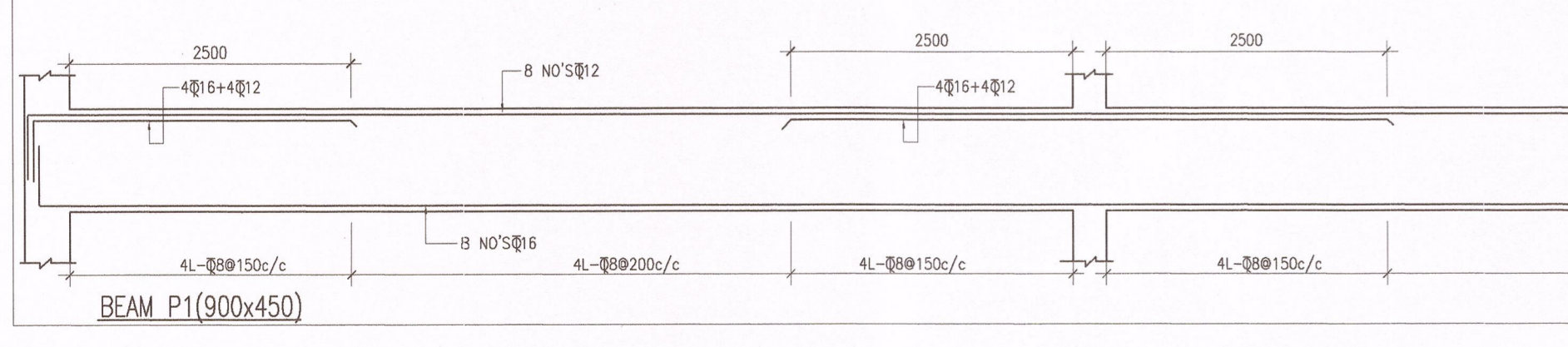
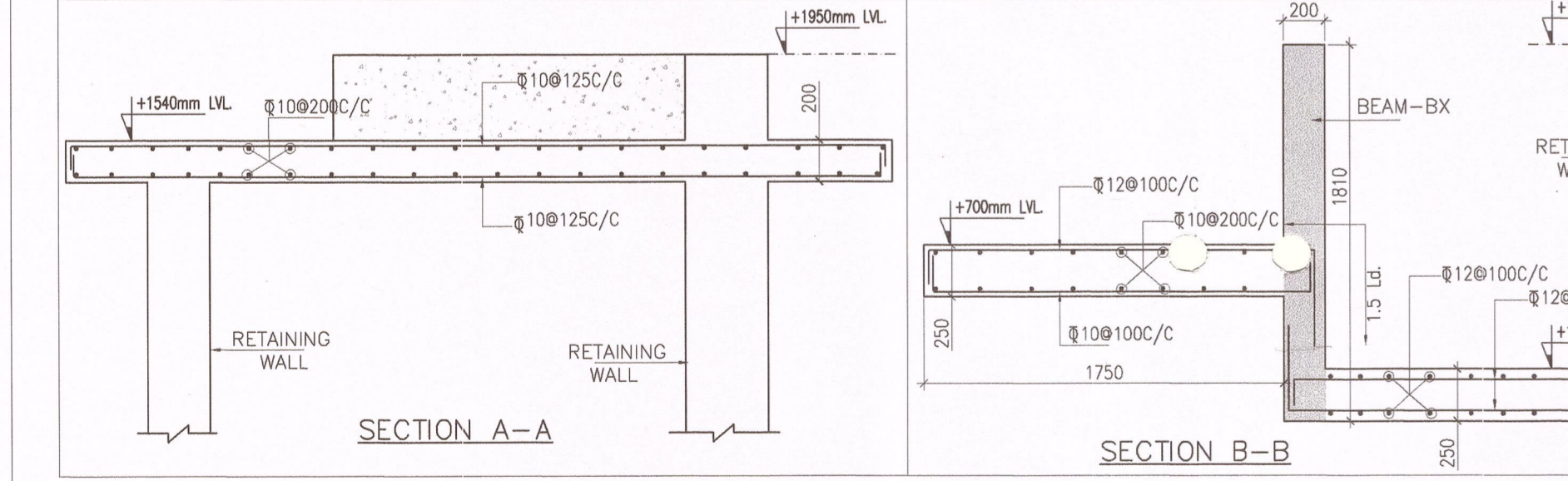
BEAM MARK	BEAM SIZES
BEAM PB1	300X400

BASEMENT ROOF FRAMING PLAN & SLAB LAYOUT
 SLAB @ +450mm LVL. SLAB @ +700mm LVL.

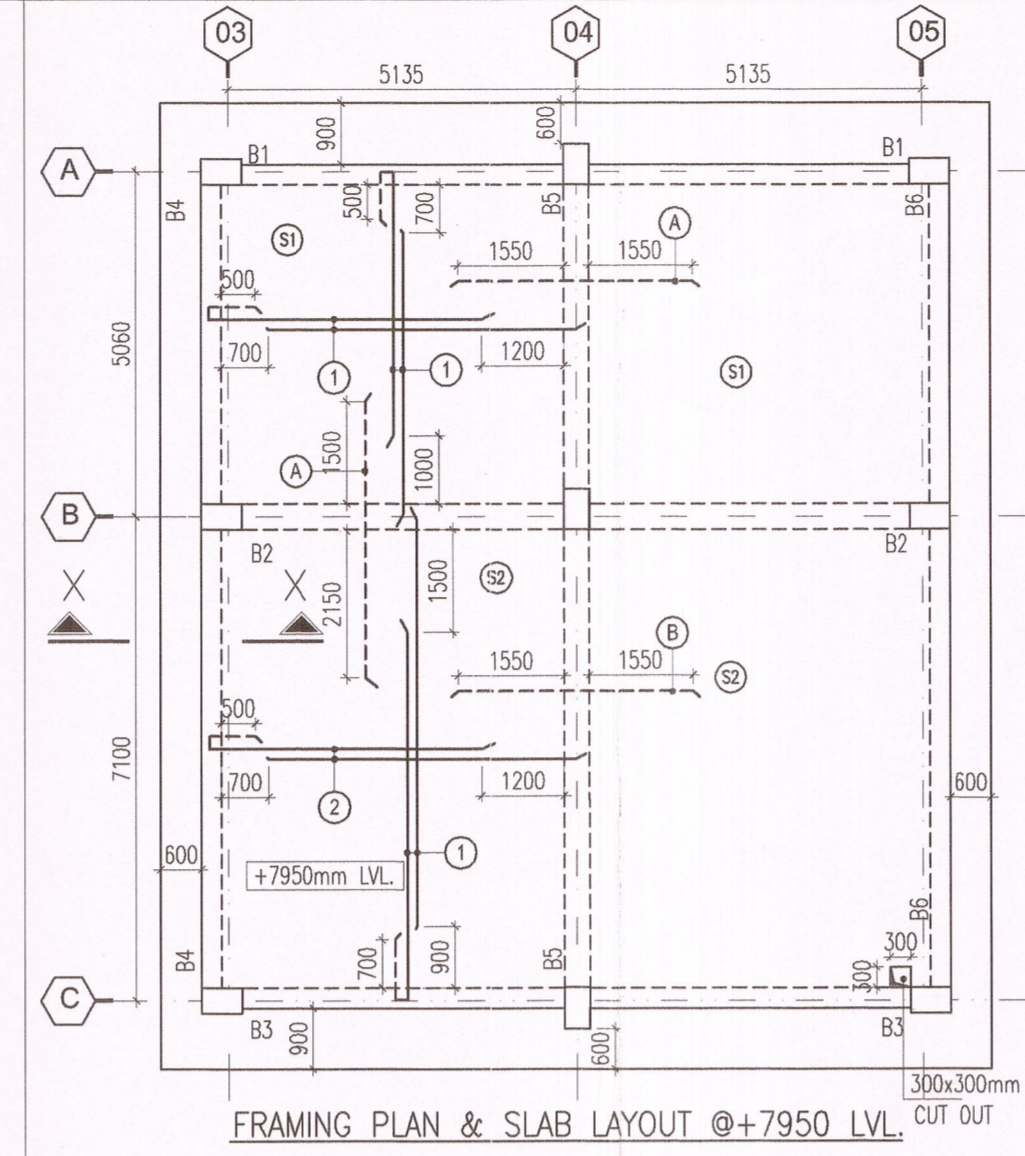


SLAB THICKNESS SCHEDULE:-

No	THICKNESS
(S1) (S2) (S3)	200 THICK



PLINTH BEAM LAYOUT @ -2000 LVL.



SLAB REINFORCEMENT SCHEDULE

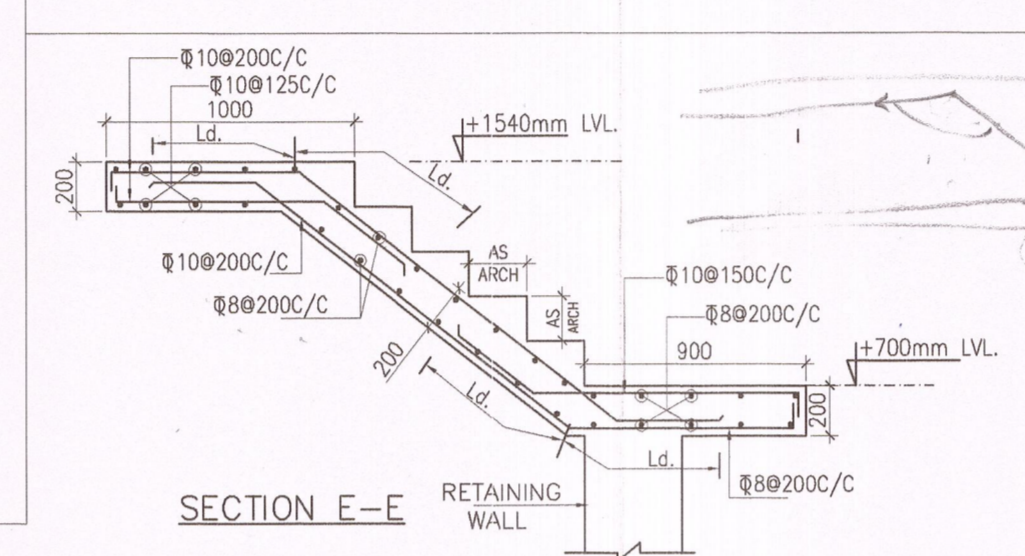
BOTTOM REINF.		TOP. REINF.	
(1)	10@200/C	(4)	10@150C/C
(2)	10@150C/C	(5)	10@125C/C
(3)	8@150C/C	(6)	10@200C/C
(4)	8@200C/C	(7)	10@100C/C
(5)	10@125C/C	(8)	12@100C/C
(6)	12@100C/C		

BEAM SIZE SCHEDULE

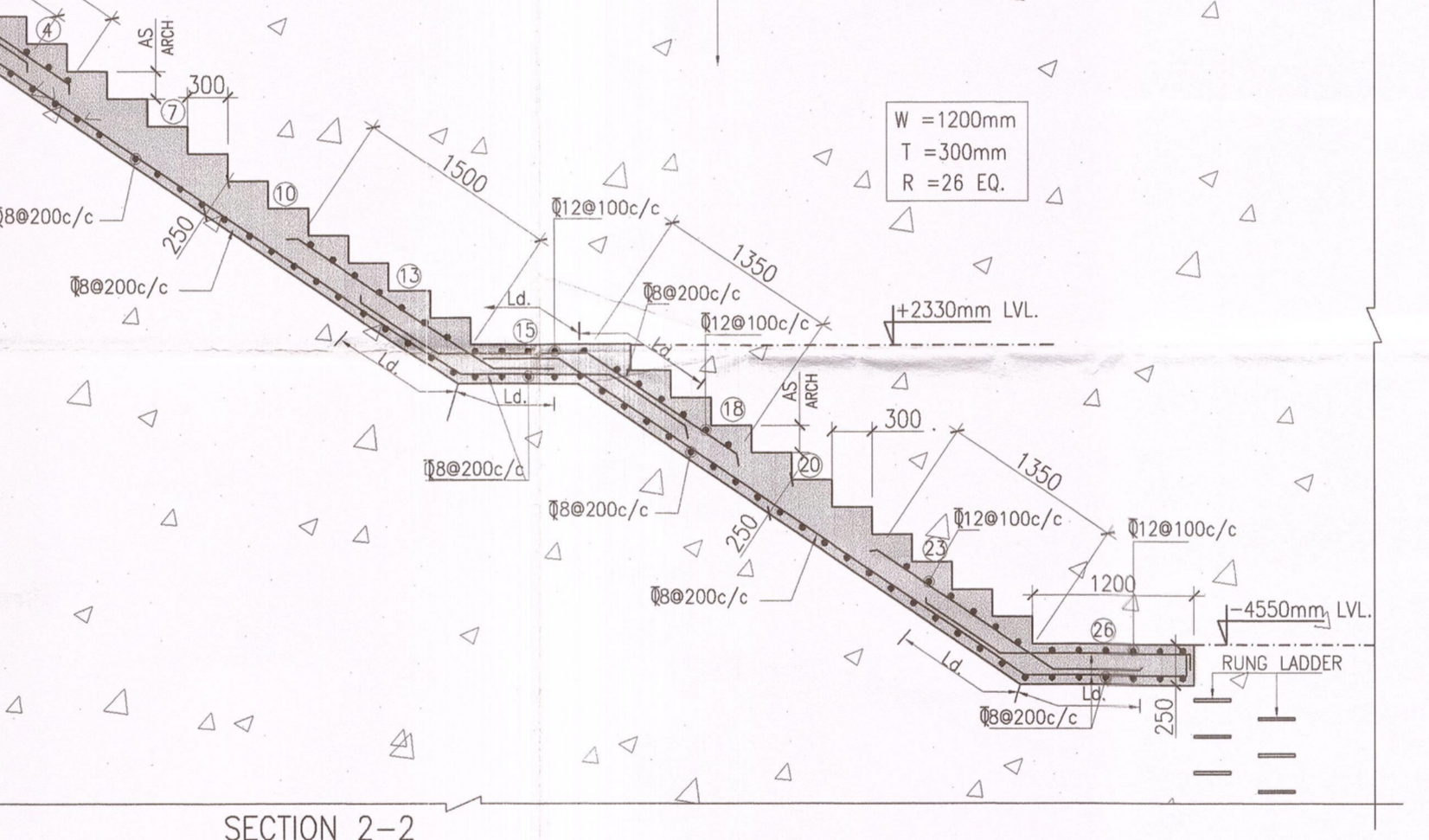
BEAM MARK	BEAM SIZES
BEAM B1	300X600
BEAM B2	380X600
BEAM B3	300X600
BEAM B4	300X600
BEAM B5	380X600
BEAM B6	300X600

SLAB THICKNESS SCHEDULE:-

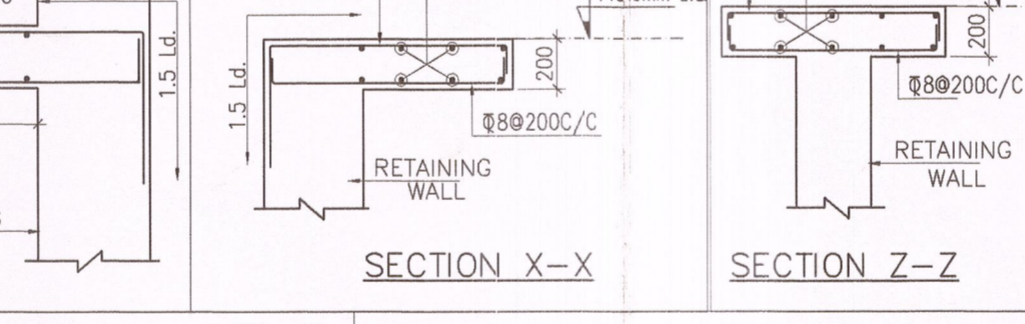
No	THICKNESS
(S1) (S2)	200 THICK



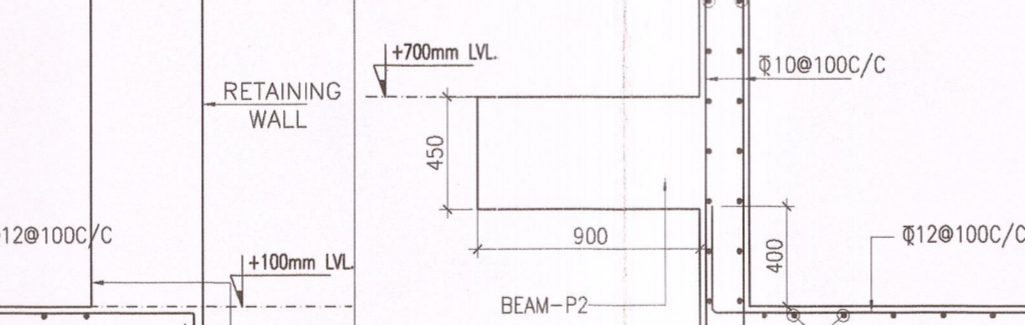
FRAMING PLAN & SLAB LAYOUT @+7950 LVL.



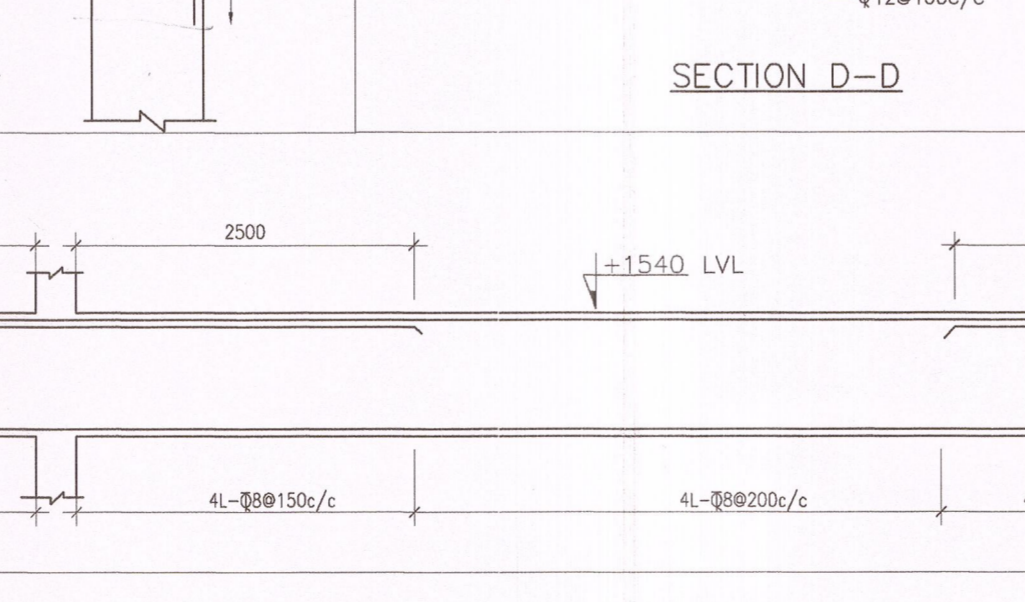
SECTION 2-2



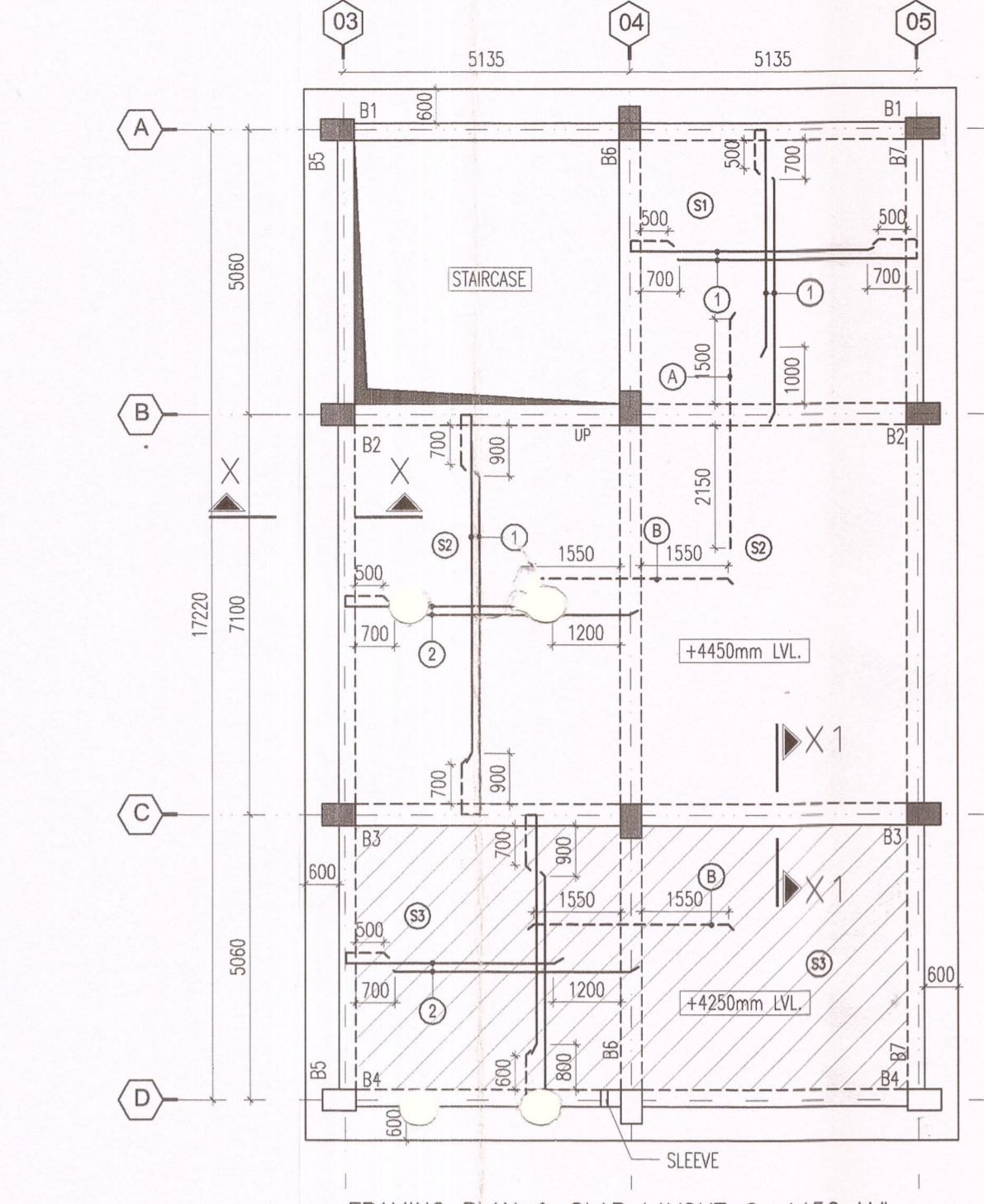
SECTION 1-1 SECTION X-X SECTION Z-Z SECTION Z1-Z1



SECTION C-C SECTION D-D



SECTION A-A SECTION B-B SECTION C-C SECTION D-D



BEAM SIZE SCHEDULE

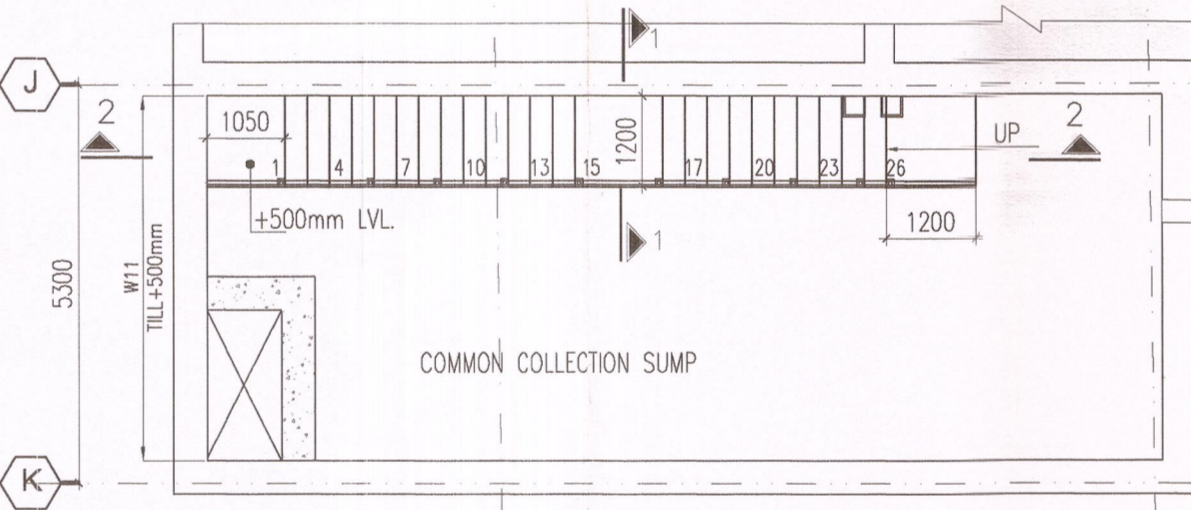
BEAM MARK	BEAM SIZES
BEAM B1	300X600
BEAM B2	380X600
BEAM B3	380X600
BEAM B4	300X600
BEAM B5	300X600
BEAM B6	380X600
BEAM B7	300X600

SLAB THICKNESS SCHEDULE:-

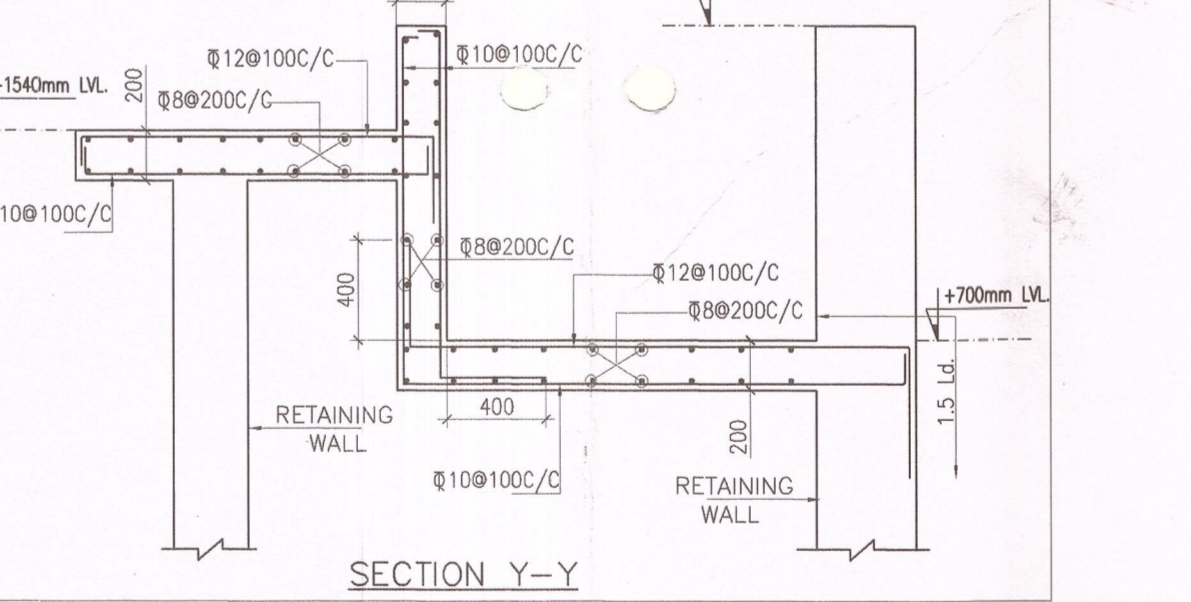
No	THICKNESS
(S1) (S2) (S3)	200 THICK



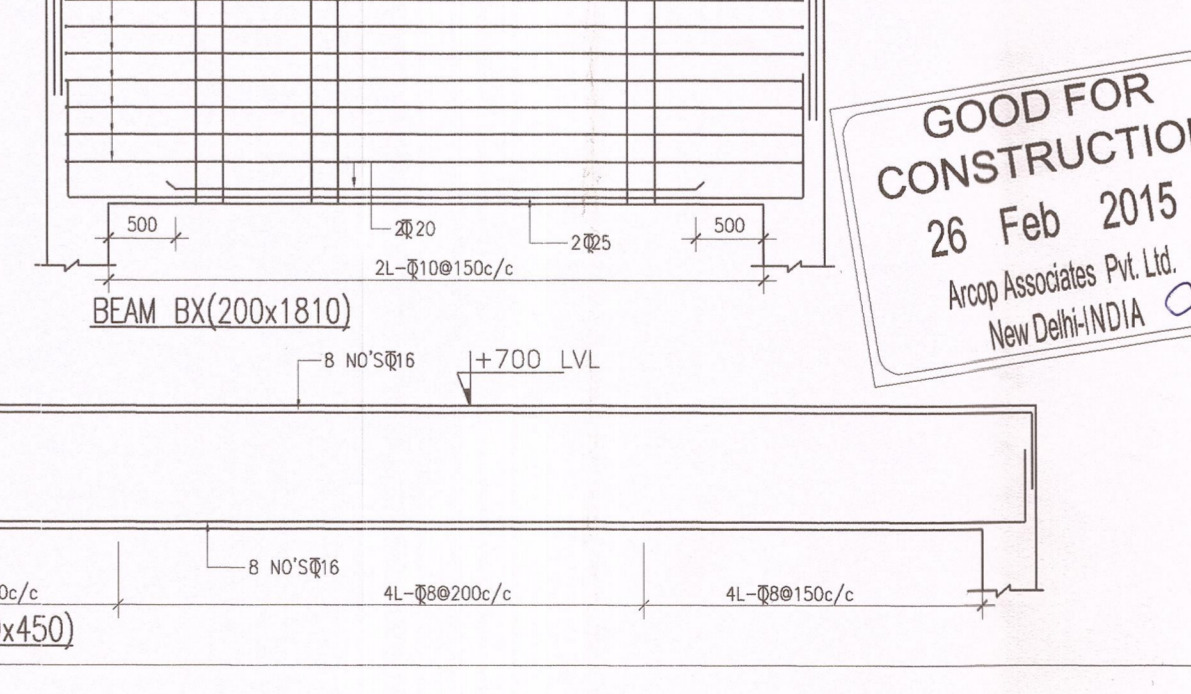
FRAMING PLAN & SLAB LAYOUT @+4450 LVL.



PLAN @ -4550mm LVL TO +500mm LVL STAIRCASE-01



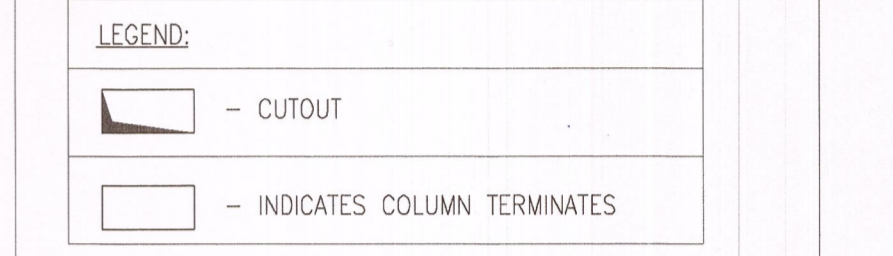
SECTION Y-Y



BEAM BX (200x1810) BEAM P2 (1100x450)

- NOTES :-**
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 - THE CLEAR COVER SHOWN IN TABLE BELOW SHALL BE FROM THE OUTER FACE OF THE STRUCTURAL ELEMENT TO THE TIES FOR BEAMS.

ITEM	GRADE OF CONCRETE	GRADE OF STEEL	CLEAR COVER
BEAMS	M45	Fe500	25 mm
SLABS	M45	Fe500	20 mm



IMPORTANT NOTE:
STAIRCASE IS CANTILEVERED FROM THE RETAINING WALL



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 E-106, G.K. ENCLAVE PART 1
 NEW DELHI 110048
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Structures
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 DELHI OFFICE: HYDERABAD OFFICE:
 E-2, CHURCH COMPLEX, SUKHDEV VIHAR, NEW DELHI-110025
 TEL:-26823309, 26318650
 HYDERABAD OFFICE: FLAT NO 503, 5TH FLOOR, SRIVATSASA APARTMENTS, METHODIST COLONY, BEGUMPET, HYDERABAD-500016;
 TEL:-(0091) 040-33574812
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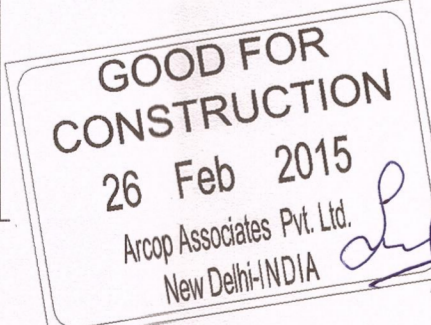
Architect's Signature: _____
 Client's Signature: _____
 26 FEB 2015

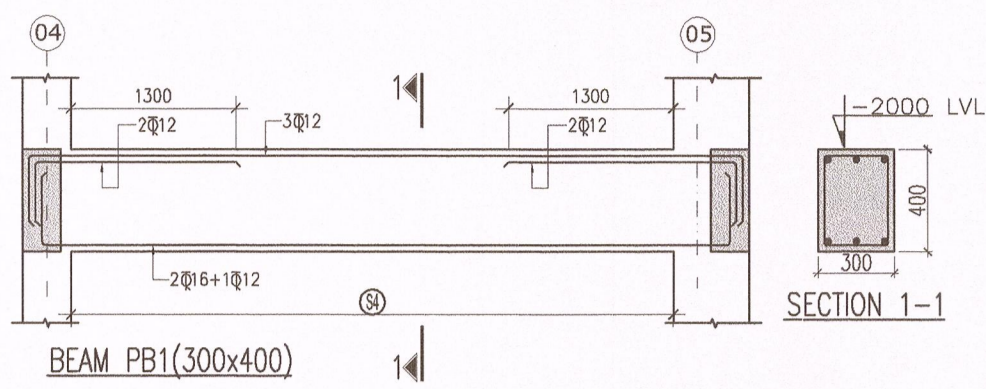
Job Title
IITH EXTERNAL SERVICES BUILDINGS

Drawing Title
**MBR BASED SEWER TREATMENT PLANT
 STP FRAMING PLAN & SLAB LAYOUT**

Document Release Type
GOOD FOR CONSTRUCTION

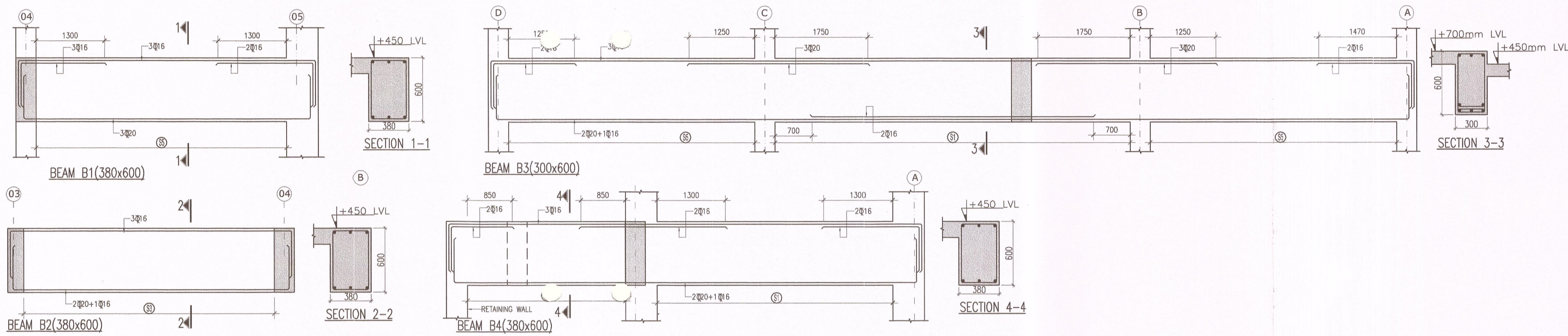
Job No.	2012/09	N
Scale	1:100	
Date	01-12-2014	Drawing No.
Drawn by	MAHESWARI	ES-STP-02
Checked by	CHARY	Revision No.
AUTHORITY:		RO



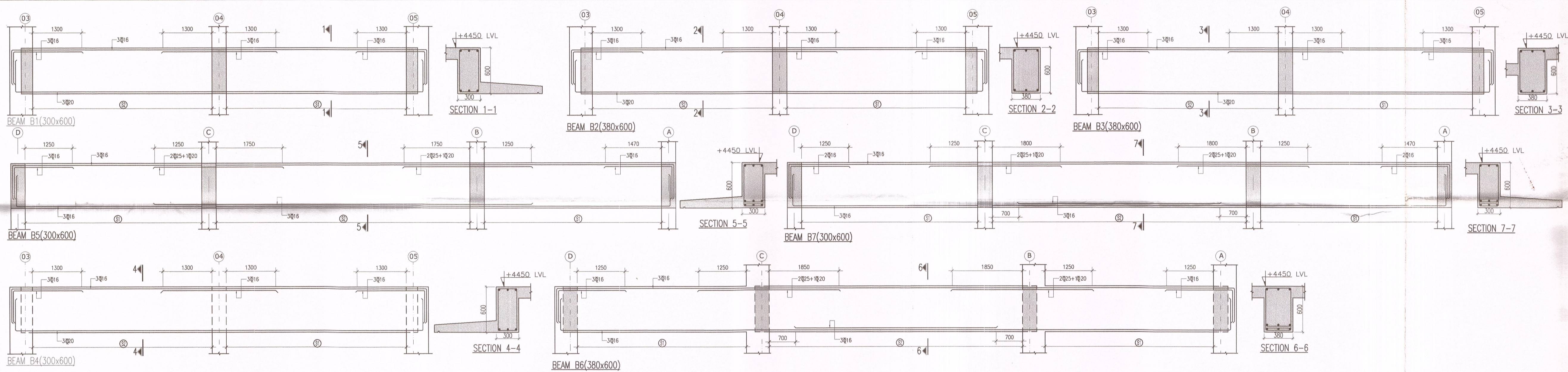


-2000mm LVL BEAM DETAILS

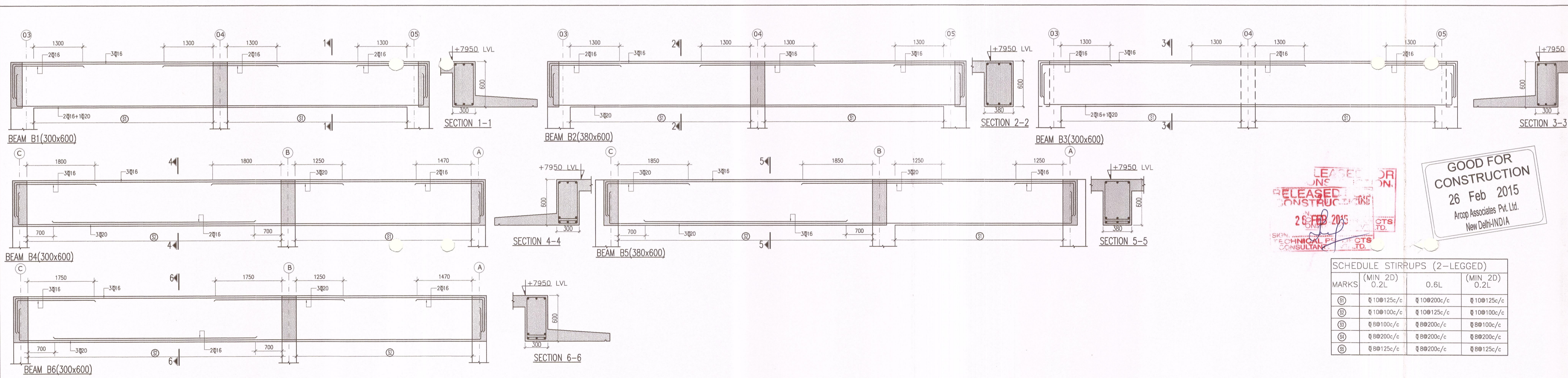
+700mm LVL BEAM DETAILS



+4450mm LVL BEAM DETAILS



+7950mm LVL BEAM DETAILS



SCHEDULE STIRRUPS (2-LEGGED)		
MARKS	(MIN 2D) O.2L	O.8L (MIN 2D) O.2L
ⓐ	Φ 10@125c/c	Φ 10@200c/c
ⓑ	Φ 10@100c/c	Φ 10@125c/c
ⓒ	Φ 8@100c/c	Φ 8@100c/c
ⓓ	Φ 8@200c/c	Φ 8@200c/c
ⓔ	Φ 8@125c/c	Φ 8@125c/c

- NOTES :-
1. ALL DIMENSIONS ARE IN MM ONLY, UNLESS OTHERWISE SPECIFIED.
 2. DO NOT SCALE THE DRAWING FOLLOW FIGURED DIMENSIONS ONLY.
 3. PROVIDE A LAP LENGTH OF 40TIMES DIA OF SMALLER BARS WHEREVER LAPPING IS NEEDED .
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BEAMS	M45	Fe500	25 mm
SLABS	M45	Fe500	20 mm

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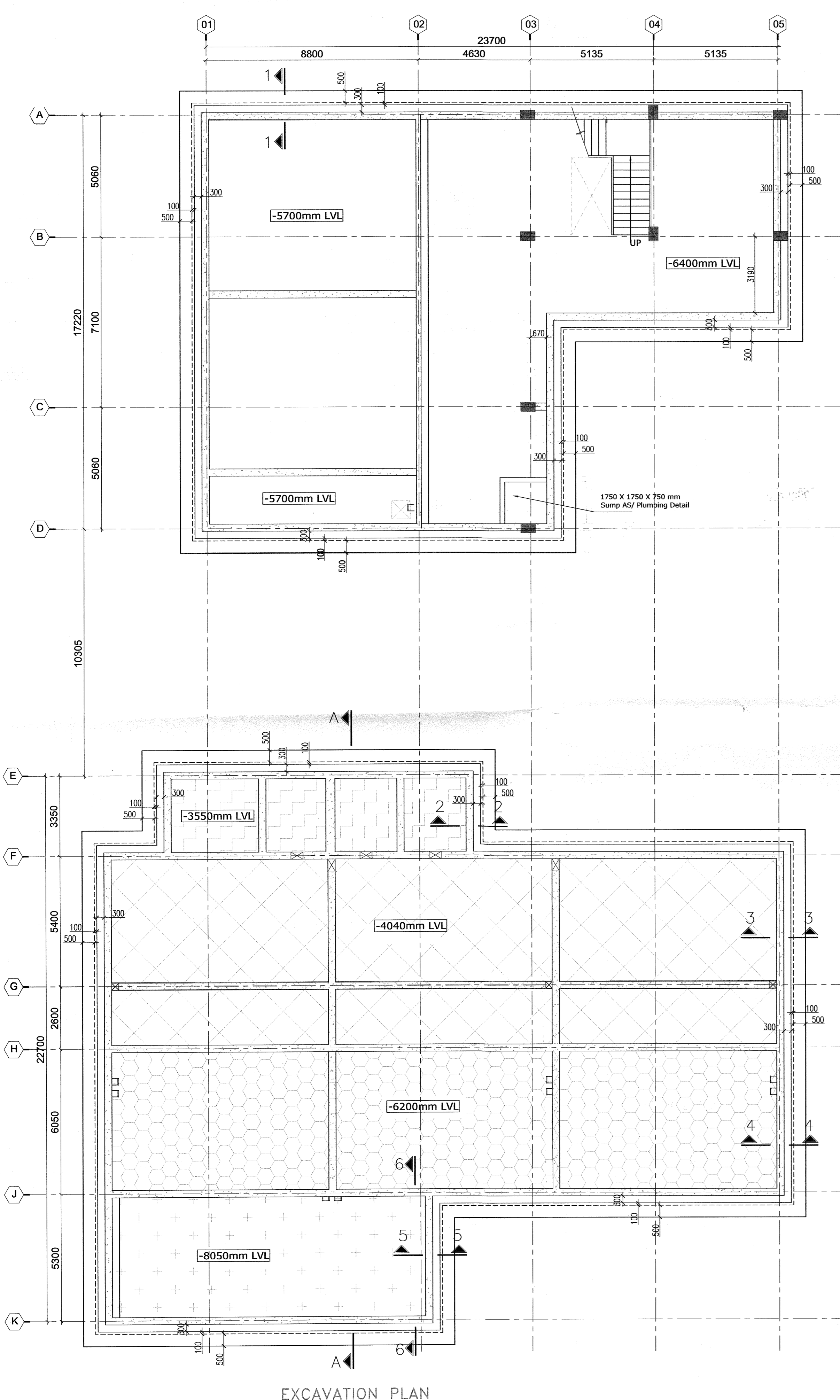
Architect's Signature: [Signature]
 Client's Signature: [Signature]
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Job Title
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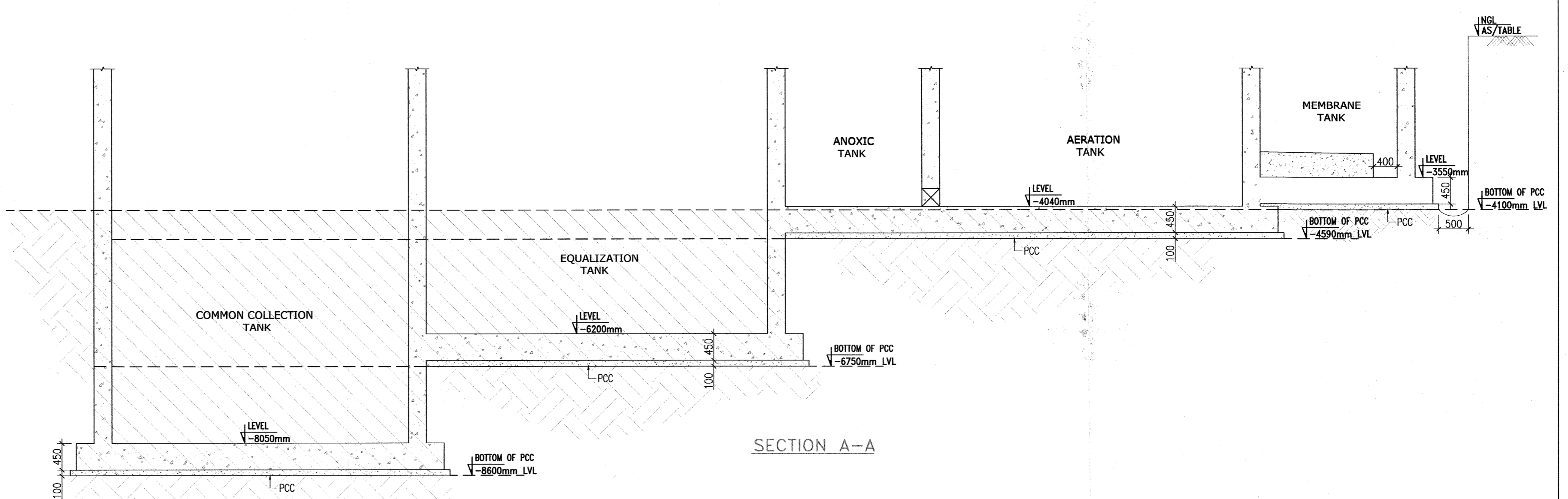
Drawing Title
 MBR BASED SEWER TREATMENT PLANT
 STP BEAM DETAILS
 Document Release Type
 GOOD FOR CONSTRUCTION

Job No. 2012/09
 Scale 1:100
 Date 01-12-2014
 Drawn by MAHESWARI
 Checked by CHARY
 Drawing No. ES-STP-03
 Revision No. R0

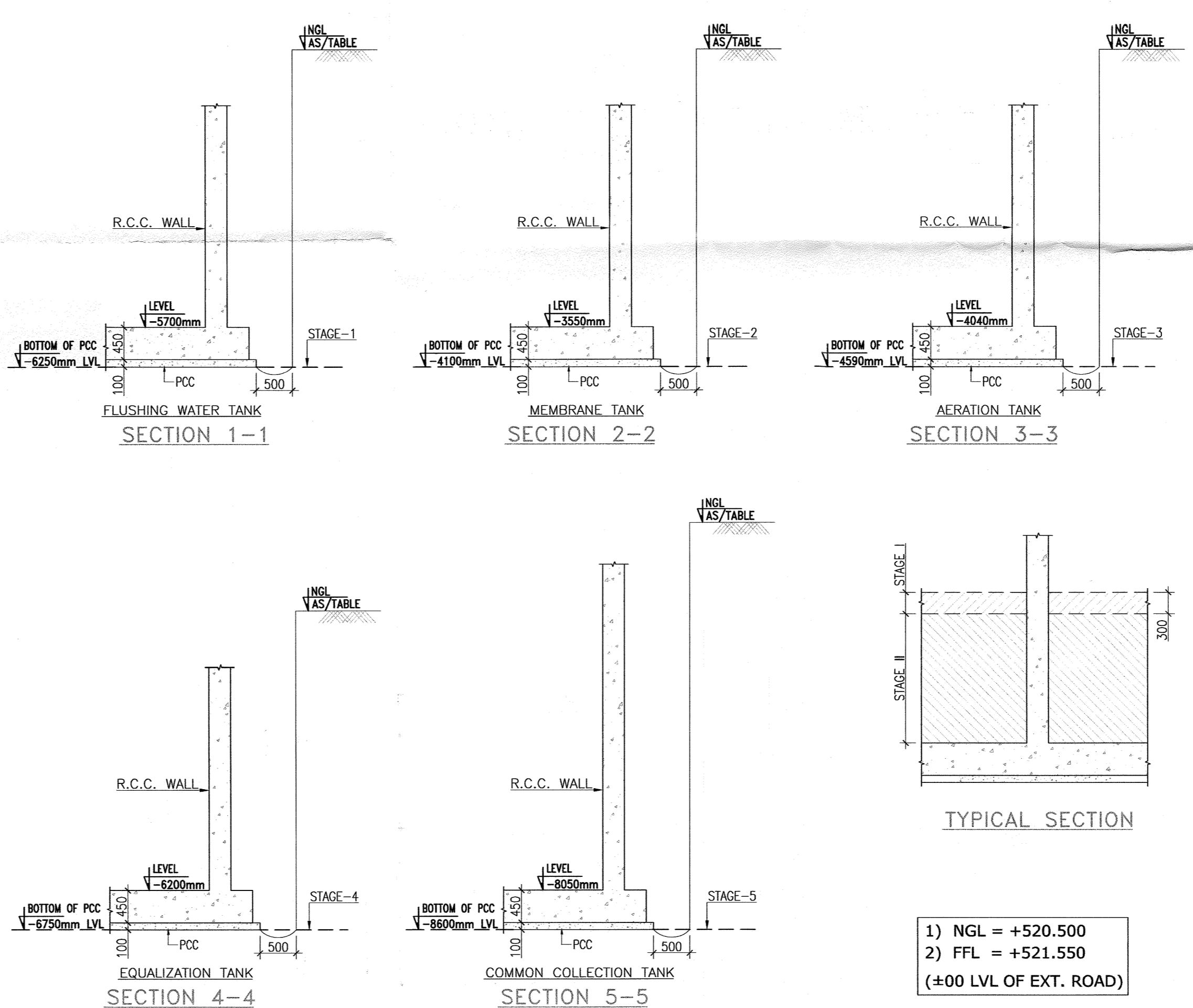
AUTHORITY:



EXCAVATION PLAN



SECTION A-A



TYPICAL SECTION

- 1) NGL = +520.500
- 2) FFL = +521.550
- (±00 LVL OF EXT. ROAD)

* TOS VALUE FROM REF VALUE i.e ±00

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11 APR 2014
SIGN. TECHNICAL PROJECTS

NOTES :-

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2. DO NOT SCALE THE DRAWING FOLLOW FIGURED DIMENSIONS ONLY.

ISSUES

NO.	DATE	BY	TO	PURPOSE

REVISIONS

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Indian Institute of Technology(IIT) Hyderabad,
Ordnance Factory Estate,
Yeddumallaram-502205,
Andhra Pradesh, INDIA

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HYDERABAD OFFICE: FLAT NO.401, 4TH FLOOR, KAIZEN IMPERIAL HEIGHTS, STREET NO.2, UMANAGAR, BEGUMPET HYDERABAD 500 016
FAX-011-26910652 TEL: (0091) 040-33574812

Architect's Signature _____
Client's Signature _____
Executive Engineer (C), IITHy

Job Title
IITH EXTERNAL SERVICES BUILDINGS

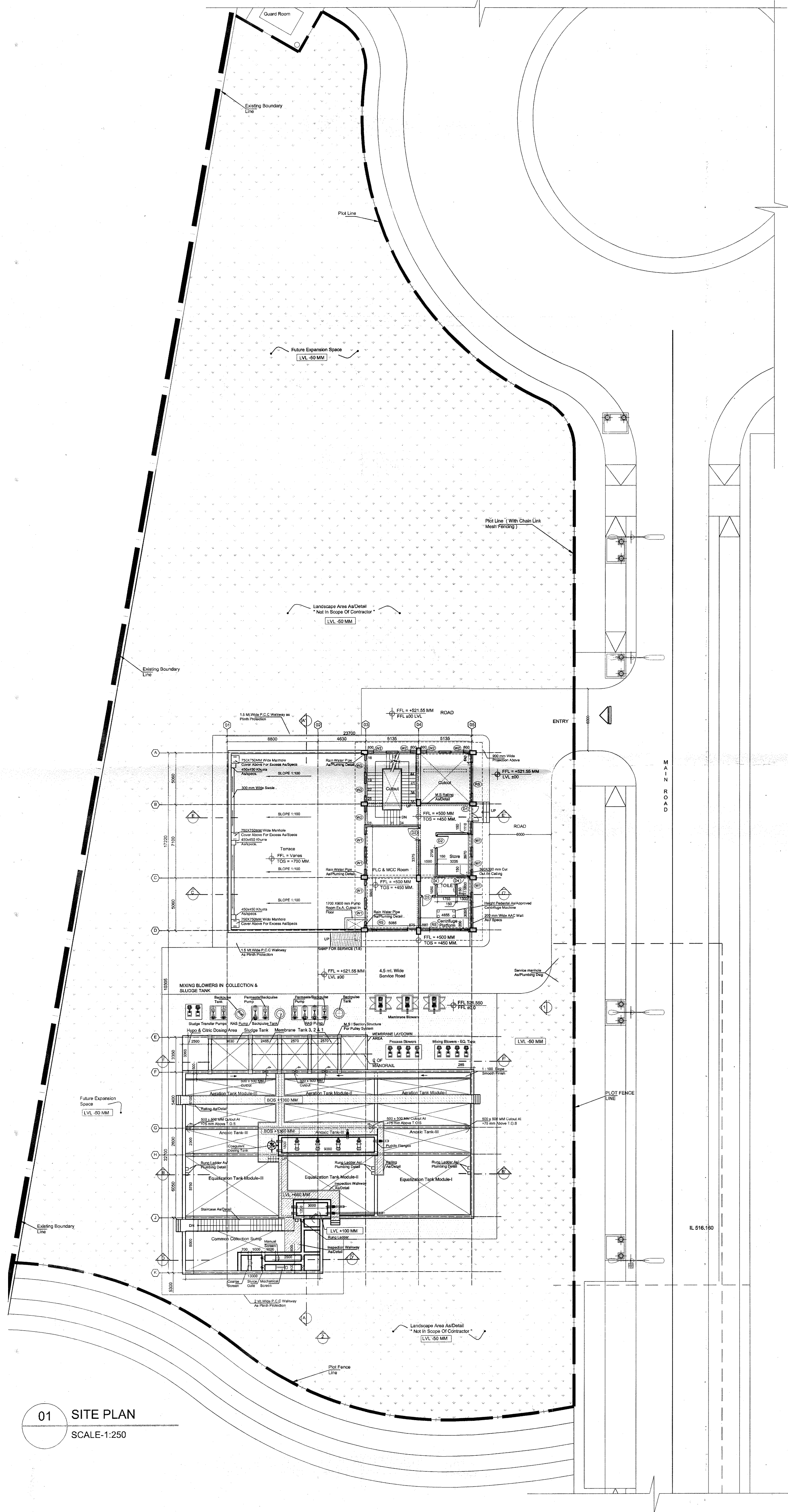
Drawing Title
MBR BASED STP EXCAVATION LAYOUT

Document Release Type
GOOD FOR CONSTRUCTION

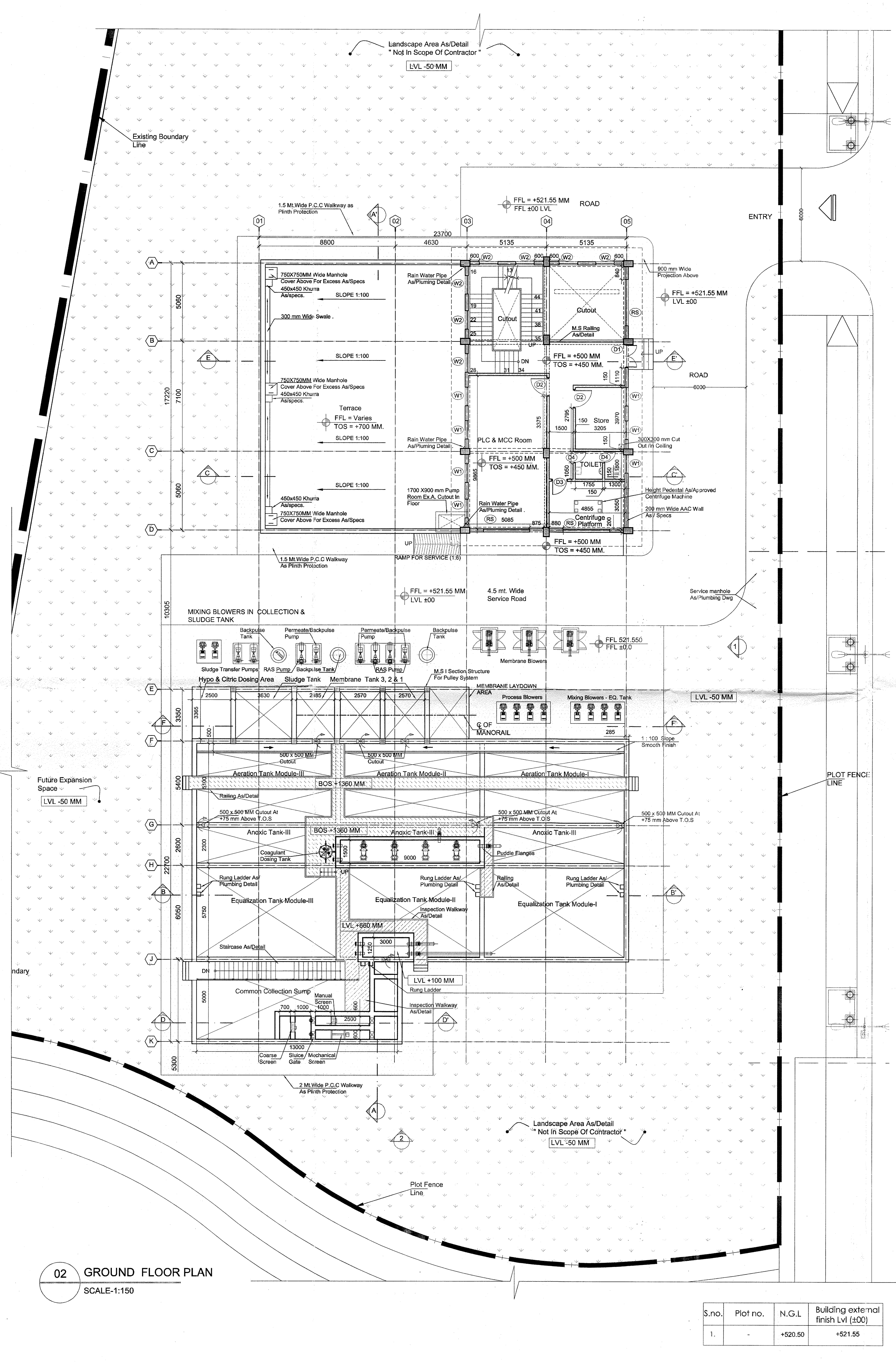
Job No. 2010/50	N ↑
Scale 1:100 & 50	
Date APR 11, 2014	Drawing No. ES-STP-100
Drawn by MAHMOOD	Revision No. R0
Checked by CHARY	
AUTHORITY:	

IMPORTANT NOTE:-
1. FOR THE PURPOSE OF PAYMENT FOR EXCAVATION WORK, PROVISIONS CONTAINED IN PARA 1.21 OF SPECIAL CONDITIONS OF CONTRACT (VOLUME-II OF CONTRACT DOCUMENTS) SHALL PREVAIL.
2. EXCAVATION SHALL BE DONE CAREFULLY BY THE CONTRACTOR UNDER CONSTANT EXPERIENCED TECHNICAL SUPERVISION.
3. CONTRACTOR IS SOLELY RESPONSIBLE FOR SAFELY CARRYING OUT THE EXCAVATION.
4. FIRST CUT (STAGE-I CUT) SHALL BE LIMITED TO 300 MM
5. STAGE-II SECOND CUT SHALL BE TO CUT ISOLATED AS/DETAILS

GOOD FOR CONSTRUCTION
11 APR 2014
ARCOP ASSOCIATES PVT. LTD.
New Delhi-INDIA



01 SITE PLAN
SCALE: 1:250

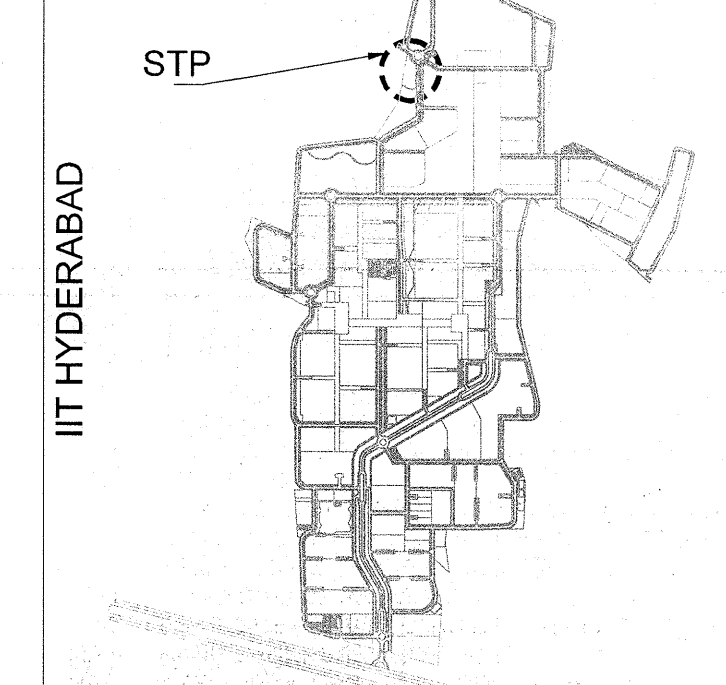


02 GROUND FLOOR PLAN
SCALE: 1:150

NOTES

- ALL M.S. ELEMENTS SHALL BE FINISHED WITH ZINC CHROMATE PRIMER & 2 COATS OF SYNTHETIC ENAMEL PAINT OF LOW V.O.C.
- ALL R.C.C. MEMBERS COMING IN CONTACT WITH SEWAGE SHALL BE COATED WITH 2 COATS OF EPOXY COATING.
- FOR VENTILATION - SUFFICIENT NOS. OF CEILING & EXHAUST FANS TO BE PROVIDED.
- FOOT REST TO BE PROVIDED INSIDE TANK FOR MAINTENANCE PURPOSE (AS/SPECS.)
- HARDWARE FOR DOORS & WINDOWS TO BE AS/SPECIFICATIONS.
- INTERNAL FINISH:-
(a) FOR THE TANKS MEANT FOR SEWAGE COLLECTION = COAL TAR EPOXY.
(b) FOR THE TANKS MEANT FOR CLEAR WATER COLLECTION = CERAMIC TILES.

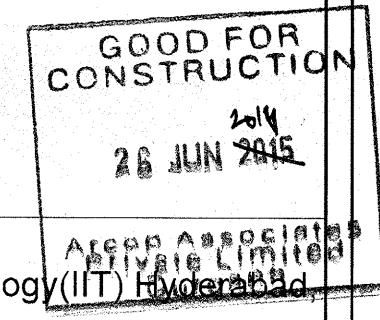
Key Plan:



ISSUES				
S. NO.	DATE	BY	TO	PURPOSE
1.	26-06-2014	ARCOP	SITE	GFC.

REVISIONS

- NOTES:
1. ACRYLIC POLYMER BASED WATER PROOFING OF APPROVED MAKE ON HORIZONTAL SURFACE (TOP OF P.C.C. LAID FOR BASE, PLINTH BEAMS) & ON VERTICAL SURFACES (BASEMENT RETAINING WALL EXTERNAL SURFACE, BEAM SIDES).
 2. CRYSTALLINE WATER PROOFING TREATMENT TO BE DONE ON THE SURFACES OF WATER RETAINING STRUCTURES (ON HORIZONTAL & VERTICAL SURFACES BOTH).
 3. BRICKBAT COB WATER PROOFING TO BE DONE ON TERRACE.
 4. REFERENCE VALUE OF 100 CORRESPONDS TO +521.55 LEVEL AND N.G.L VALUE IS +520.50 LEVEL FOR THIS BUILDING.



CLIENTS
Indian Institute of Technology (IIT) Hyderabad
Ordnance Factory Estate,
Yeddumailaram-502205,
Andhra Pradesh, INDIA

ARCHITECTS & PLANNERS
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PHONE: 011-26242050
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Architect's Signature: *[Signature]*
16 JUL 2014

Job Title
IITH EXTERNAL SERVICES BUILDINGS

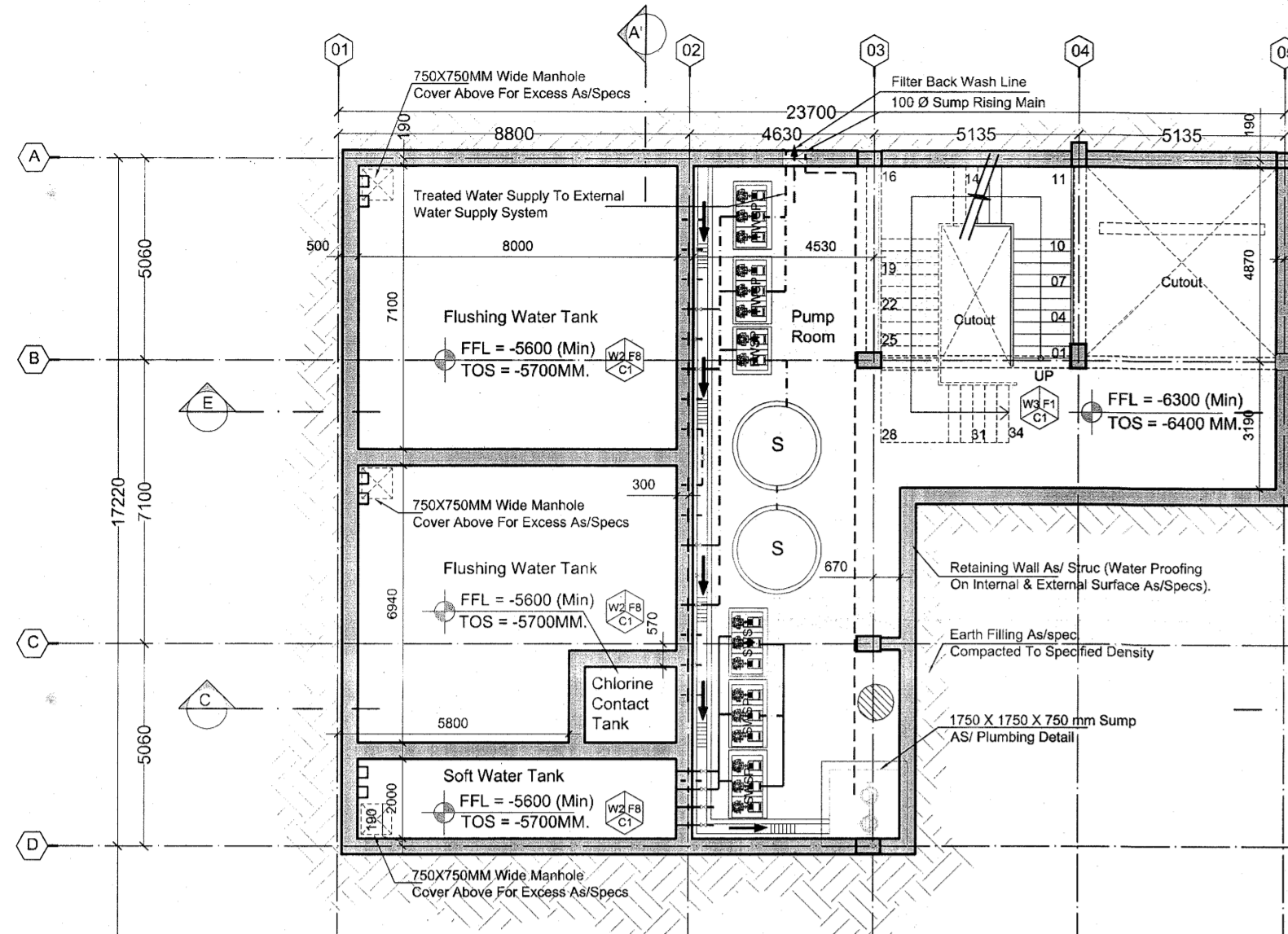
Drawing Title
MBR BASED SEWER TREATMENT PLANT

Document Release Type
ARCHITECTURAL GOOD FOR CONSTRUCTION

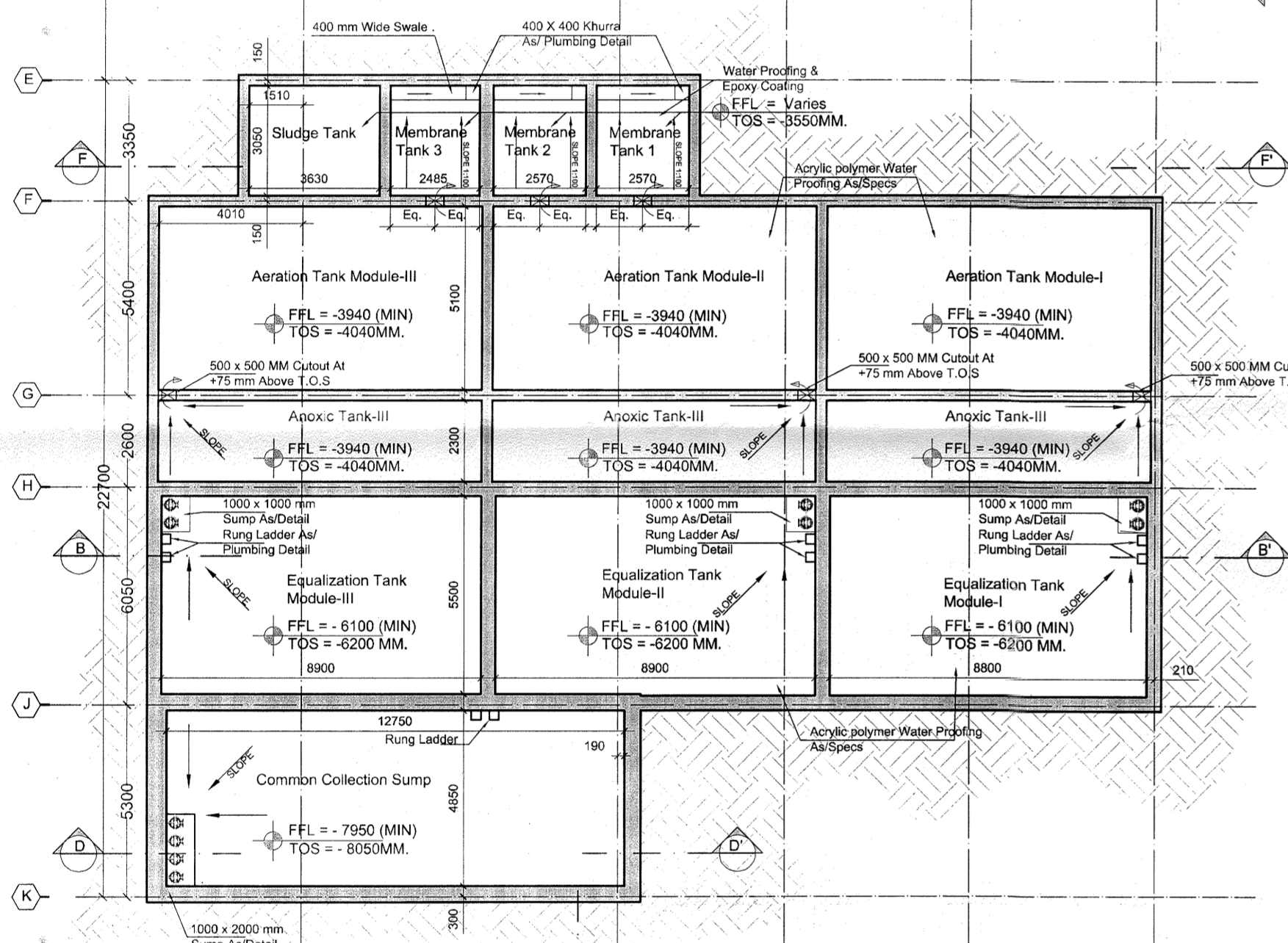
Job No.	2012/09	N
Scale	AS SPEC.	
Date	APR. 09. 2014	Drawing No.
Drawn by	JAI SAINI	STP-AR-01
Checked by	PANKAJ	Revision No.
		R0

AUTHORITY:

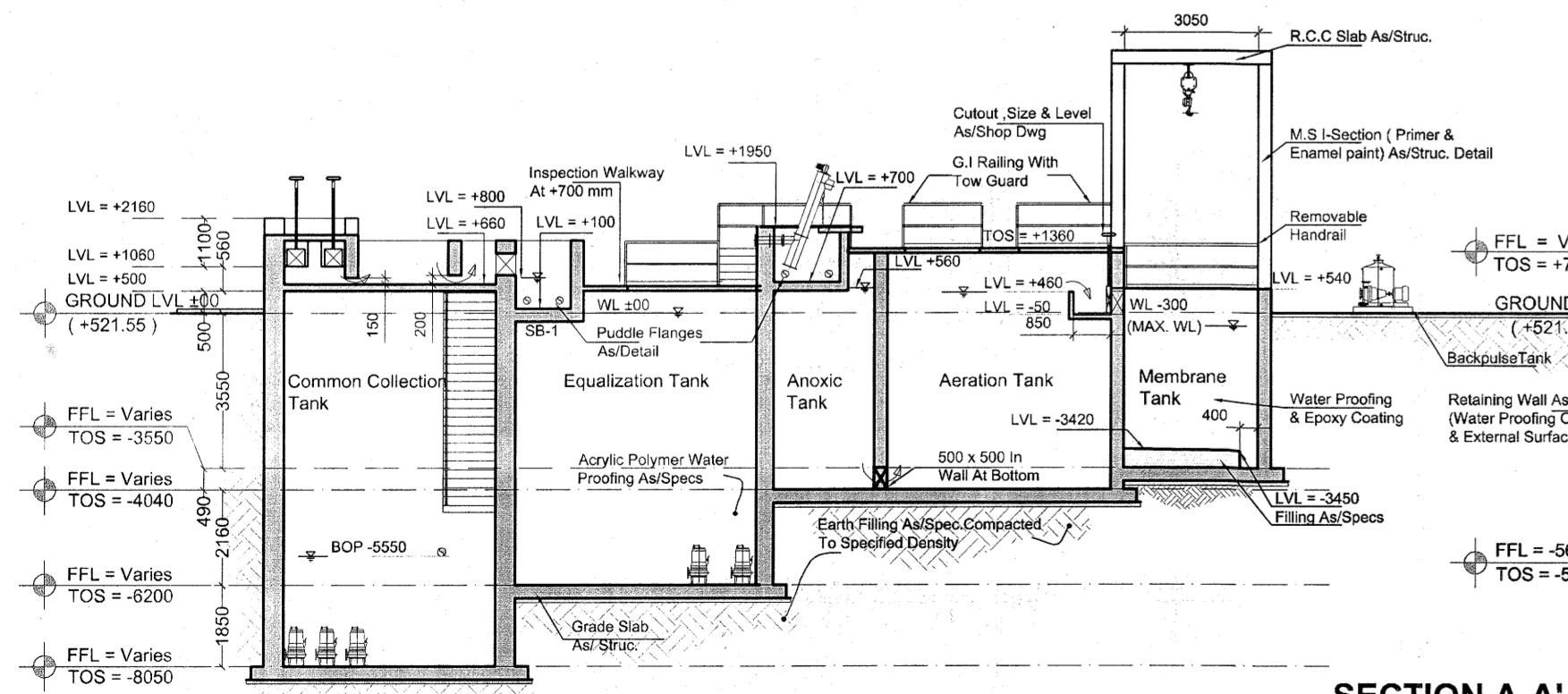
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1.		+520.50	+521.55



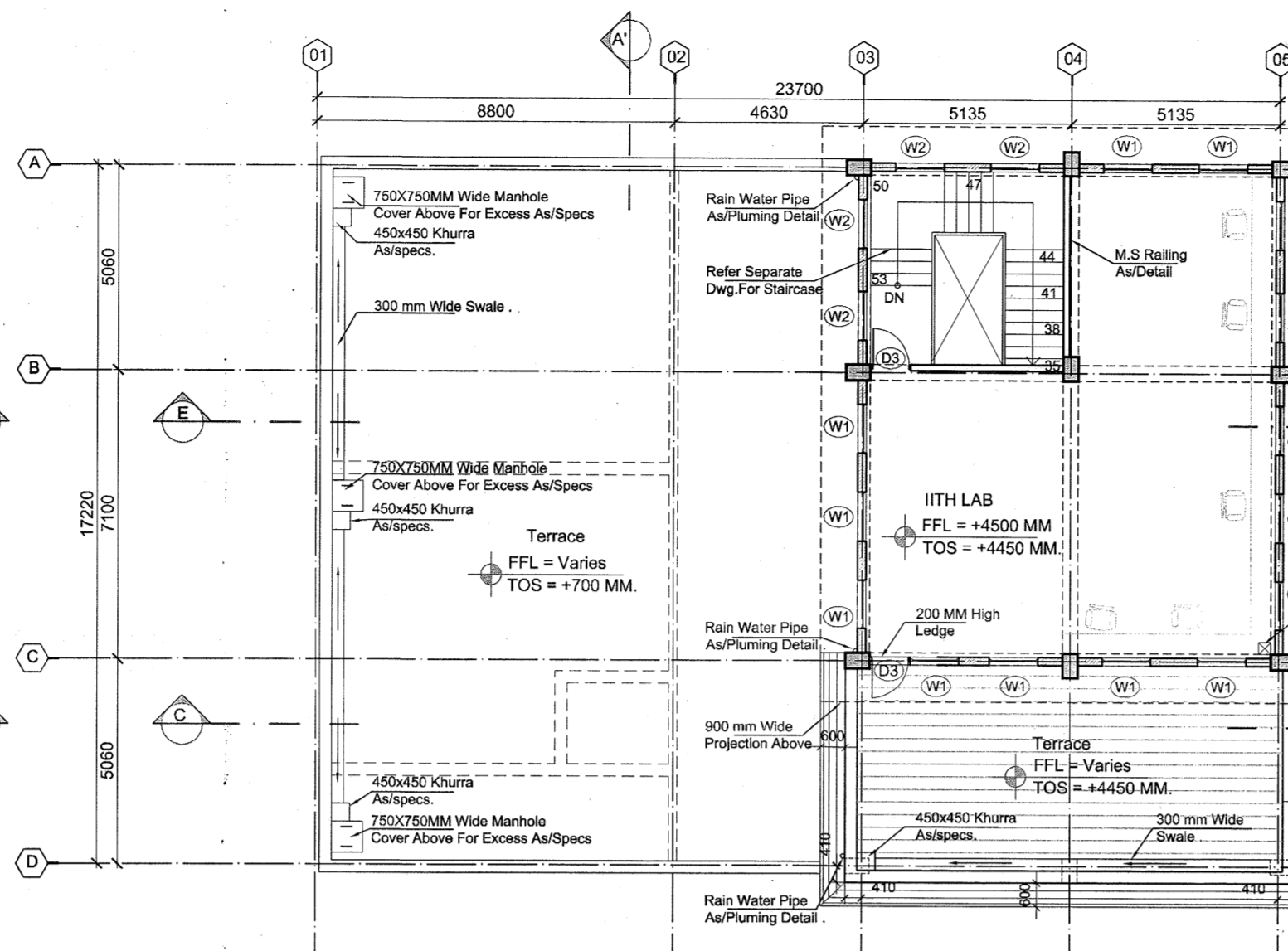
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SCALE-1:150



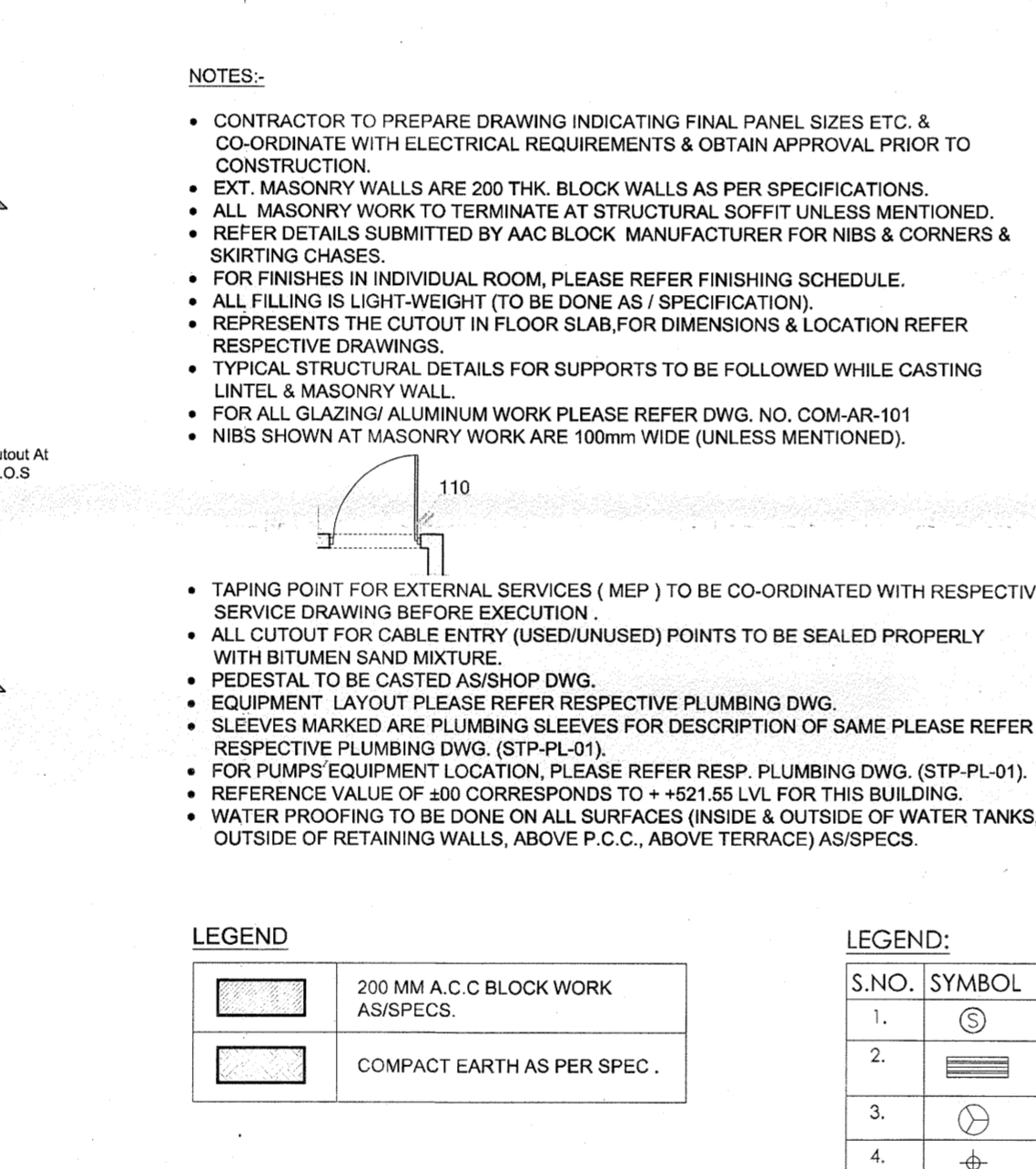
03 BASEMENT PLAN
SCALE-1:150



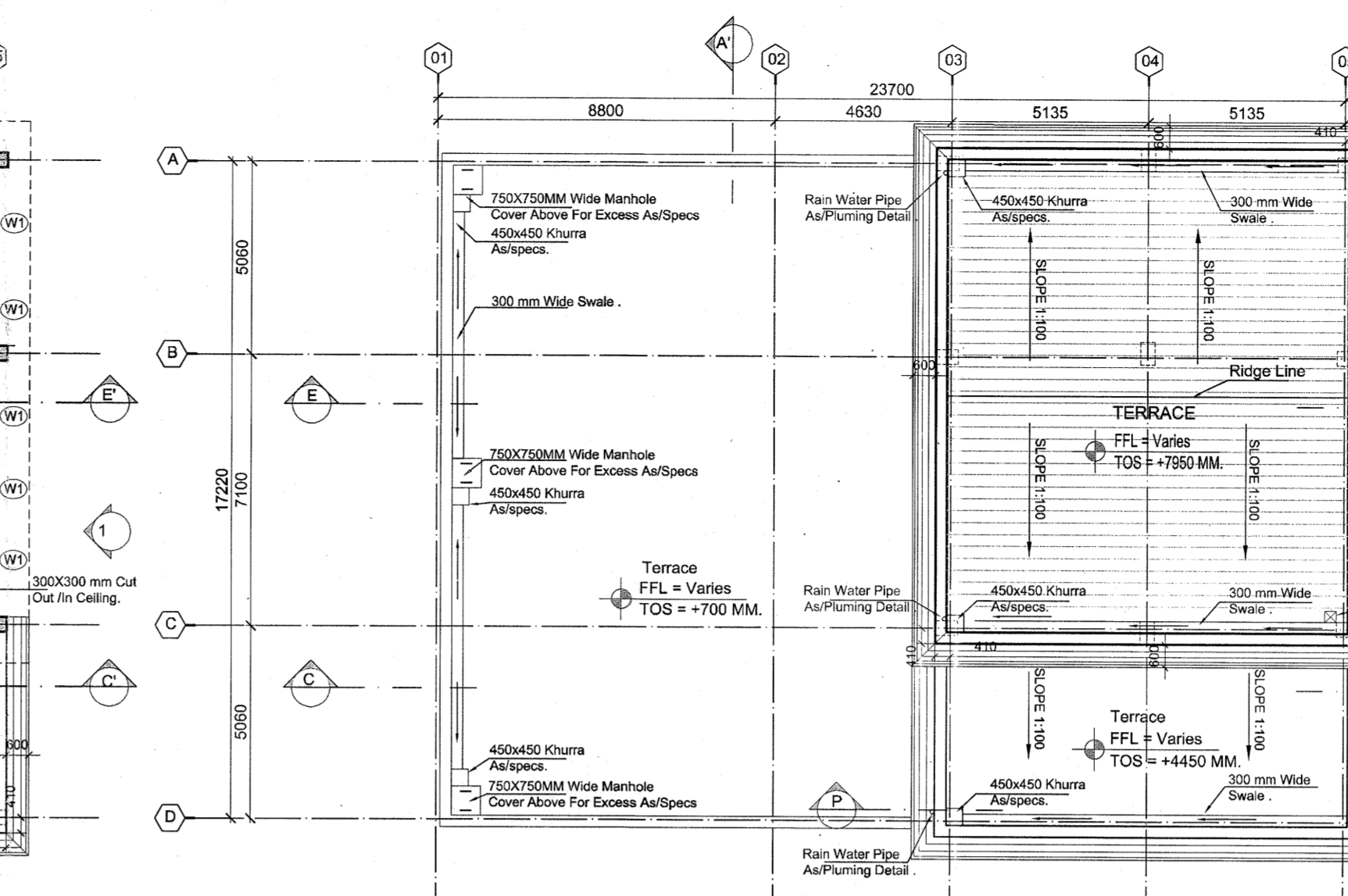
06 SECTION AA'
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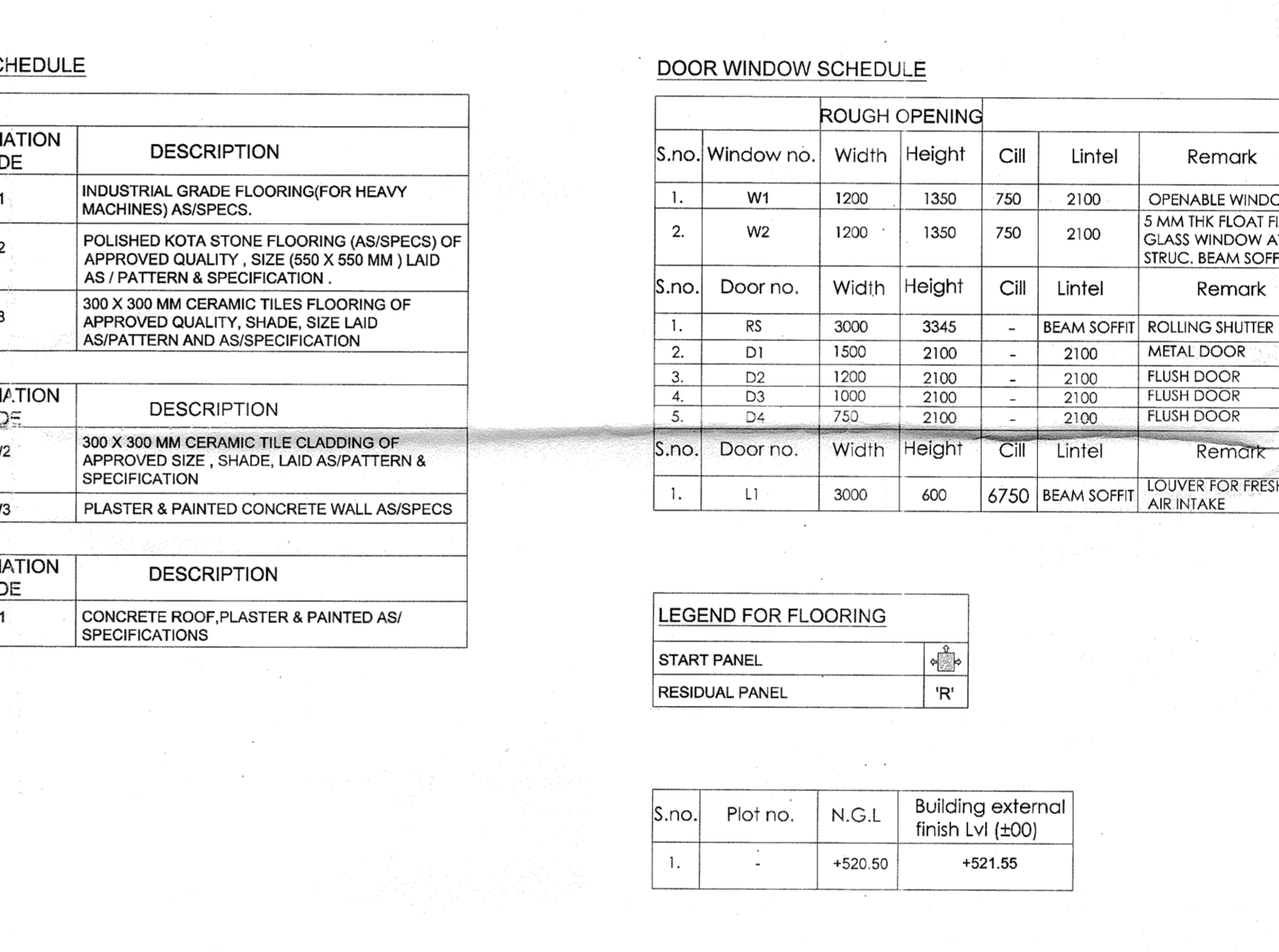
04 FIRST FLOOR PLAN
SCALE-1:150



06 SECTION AA'
SCALE-1:150



05 TERRACE PLAN
SCALE-1:150

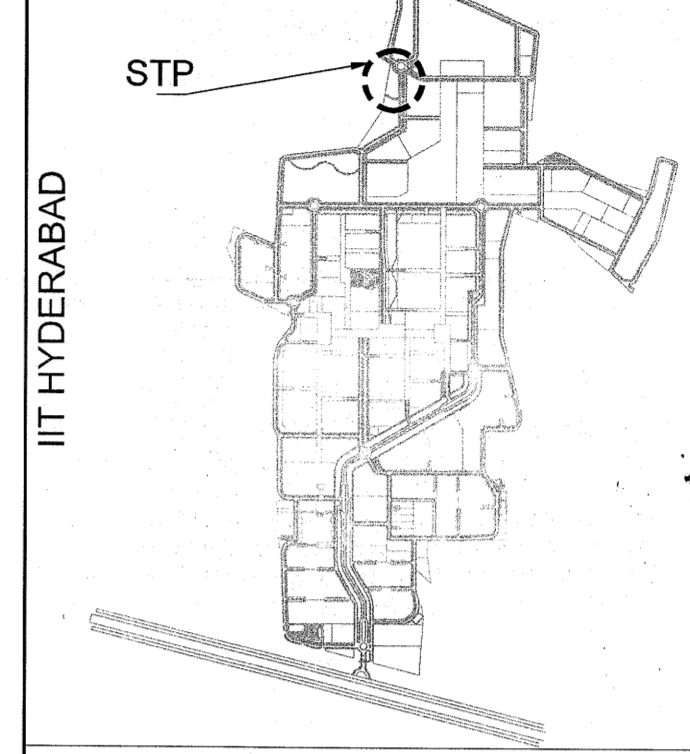


07 SECTION BB'
SCALE-1:150

NOTES

- ALL M.S. ELEMENTS SHALL BE FINISHED WITH ZINC CHROMATE PRIMER & 2 COATS OF SYNTHETIC ENAMEL PAINT OF LOW V.O.C.
- ALL R.C.C. MEMBERS COMING IN CONTACT WITH SEWAGE SHALL BE COATED WITH 2 COATS OF EPOXY COATING.
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(a) FOR THE TANKS MEANT FOR SEWAGE COLLECTION = COAL TAR EPOXY.
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Key Plan:

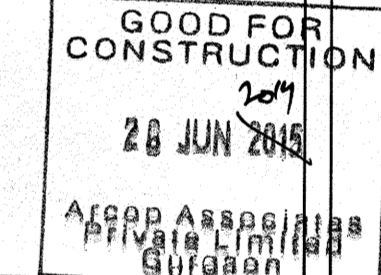


ISSUES

S. NO.	DATE	BY	TO	PURPOSE
1.	26-06-2014	ARCOP	SITE	GFC.

REVISIONS

- NOTES:
1. ACRYLIC POLYMER BASED WATER PROOFING OF APPROVED MAKE ON HORIZONTAL SURFACE (TOP OF R.C.C. LAID FOR BASE, PLINTH BEAMS) & ON VERTICAL SURFACES (BASEMENT RETAINING WALL EXTERNAL SURFACE, BEAM SIDES).
 2. CRYSTALLINE WATER PROOFING TREATMENT TO BE DONE ON THE SURFACES OF WATER RETAINING STRUCTURES (ON HORIZONTAL & VERTICAL SURFACES BOTH).
 3. BRICKBAT COBA WATER PROOFING TO BE DONE ON TERRACE & REFERENCE VALUE OF 100 CORRESPONDS TO +521.55 LEVEL AND N.G.L VALUE IS +520.50 LEVEL FOR THIS BUILDING.



CLIENTS
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Executive Engineer (C), IIT, Hyderabad
16 JUL 2014

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BUILDINGS

Drawing Title
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PLANT

Document Release Type
ARCHITECTURAL
GOOD FOR CONSTRUCTION

Job No.	2012/09	N
Scale	AS SPEC.	
Date	APR. 09. 2014	Drawing No.
Drawn by	JAI SAINI	STP-AR-02
Checked by	PANKAJ	Revision No.
AUTHORITY:		

FINISHING SCHEDULE

A. FLOOR		
S.NO.	DESIGNATION CODE	DESCRIPTION
1.	F1	INDUSTRIAL GRADE FLOORING(FOR HEAVY MACHINES)AS/SPECS.
2.	F2	POLISHED KOTA STONE FLOORING (AS/SPECS) OF APPROVED QUALITY , SIZE (650 X 550 MM)LAID AS / PATTERN & SPECIFICATION .
3.	F8	300 X 300 MM CERAMIC TILES FLOORING OF APPROVED QUALITY, SHADE, SIZE LAID AS/PATTERN AND AS/SPECIFICATION
B. WALL		
S.NO.	DESIGNATION CODE	DESCRIPTION
1.	W2	300 X 300 MM CERAMIC TILE CLADDING OF APPROVED SIZE , SHADE, LAID AS/PATTERN & SPECIFICATION
2.	W3	PLASTER & PAINTED CONCRETE WALL AS/SPECS
C. CEILING		
S.NO.	DESIGNATION CODE	DESCRIPTION
1.	C1	CONCRETE ROOF,PLASTER & PAINTED AS/ SPECIFICATIONS

DOOR WINDOW SCHEDULE

ROUGH OPENING						
S.no.	Window no.	Width	Height	Cill	Lintel	Remark
1.	W1	1200	1350	750	2100	OPENABLE WINDOW
2.	W2	1200	1350	750	2100	5 MM THK FLOAT FIXED GLASS WINDOW AT STRUC. BEAM SOFFIT
DOOR						
S.no.	Door no.	Width	Height	Cill	Lintel	Remark
1.	RS	3000	3345	-	2100	BEAM SOFFIT ROLLING SHUTTER
2.	D1	1500	2100	-	2100	METAL DOOR
3.	D2	1200	2100	-	2100	FLUSH DOOR
4.	D3	1000	2100	-	2100	FLUSH DOOR
5.	D4	750	2100	-	2100	FLUSH DOOR
LOUVER						
S.no.	Door no.	Width	Height	Cill	Lintel	Remark
1.	L1	3000	600	6750	BEAM SOFFIT	LOUVER FOR FRESH AIR INTAKE

LEGEND FOR FLOORING

START PANEL	↑
RESIDUAL PANEL	↑R

S.no.	Plot no.	N.G.L.	Building external finish Lvl (±00)
1.		+520.50	+521.55

NOTES:

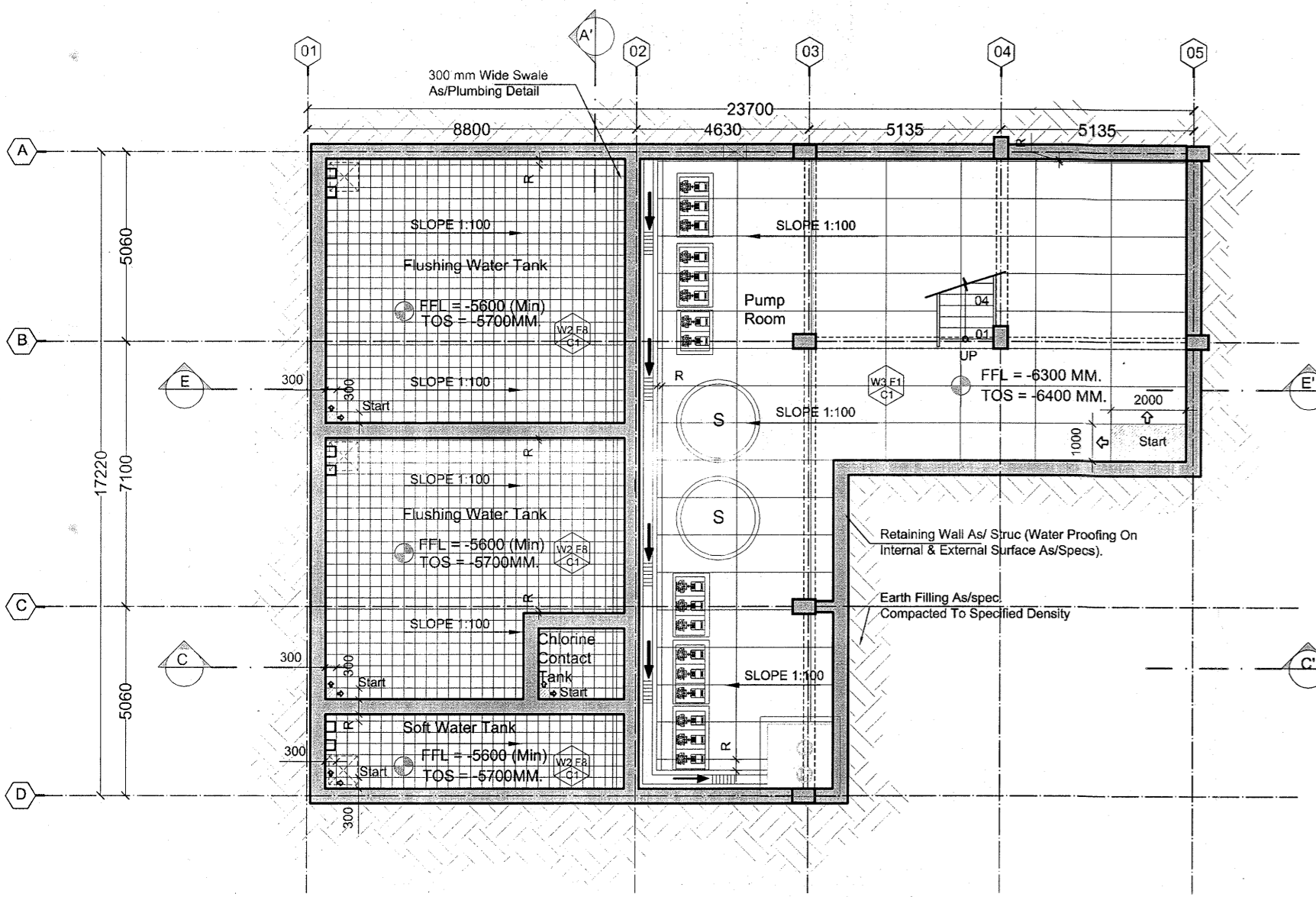
- CONTRACTOR TO PREPARE DRAWING INDICATING FINAL PANEL SIZES ETC. & CO-ORDINATE WITH ELECTRICAL REQUIREMENTS & OBTAIN APPROVAL PRIOR TO CONSTRUCTION.
- EXT. MASONRY WALLS ARE 200 THK. BLOCK WALLS AS PER SPECIFICATIONS.
- ALL MASONRY WORK TO TERMINATE AT STRUCTURAL SOFFIT UNLESS MENTIONED.
- REFER DETAILS SUBMITTED BY AAC BLOCK MANUFACTURER FOR NIBS & CORNERS & SQUIRTING CHARGES.
- FOR FINISHES IN INDIVIDUAL ROOM, PLEASE REFER FINISHING SCHEDULE.
- ALL FILLING IS LIGHT-WEIGHT (TO BE DONE AS / SPECIFICATION).
- REPRESENTS THE CUTOUT IN FLOOR SLAB, FOR DIMENSIONS & LOCATION REFER RESPECTIVE DRAWINGS.
- TYPICAL STRUCTURAL DETAILS FOR SUPPORTS TO BE FOLLOWED WHILE CASTING LINTEL & MASONRY WALL.
- FOR ALL GLAZING/ ALUMINUM WORK PLEASE REFER DWG. NO. COM-AR-101
- NIBS SHOWN AT MASONRY WORK ARE 100mm WIDE (UNLESS MENTIONED).

LEGEND

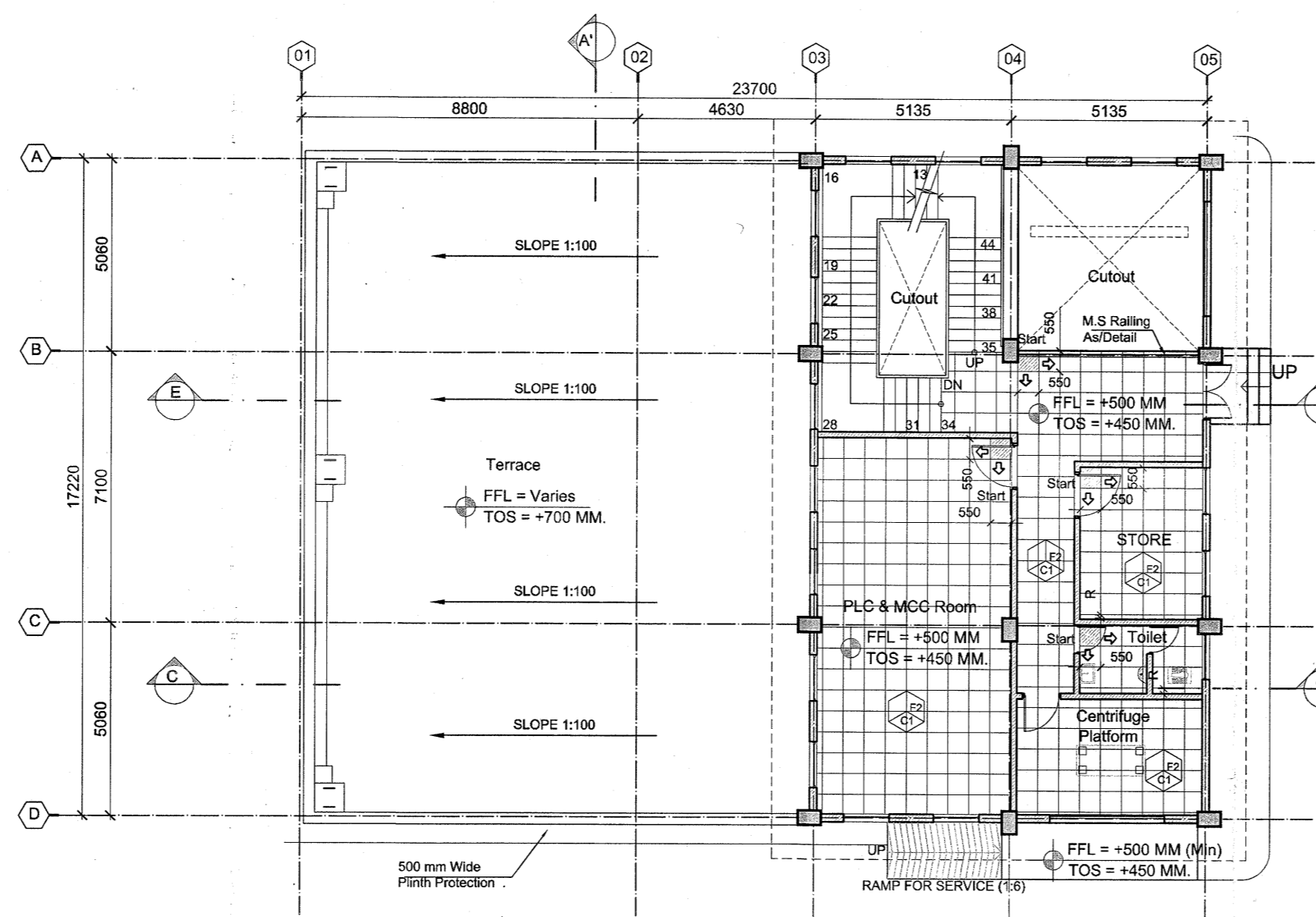
[Symbol]	200 MM A.C.C BLOCK WORK AS/SPECS.
[Symbol]	COMPACT EARTH AS PER SPEC.

LEGEND:

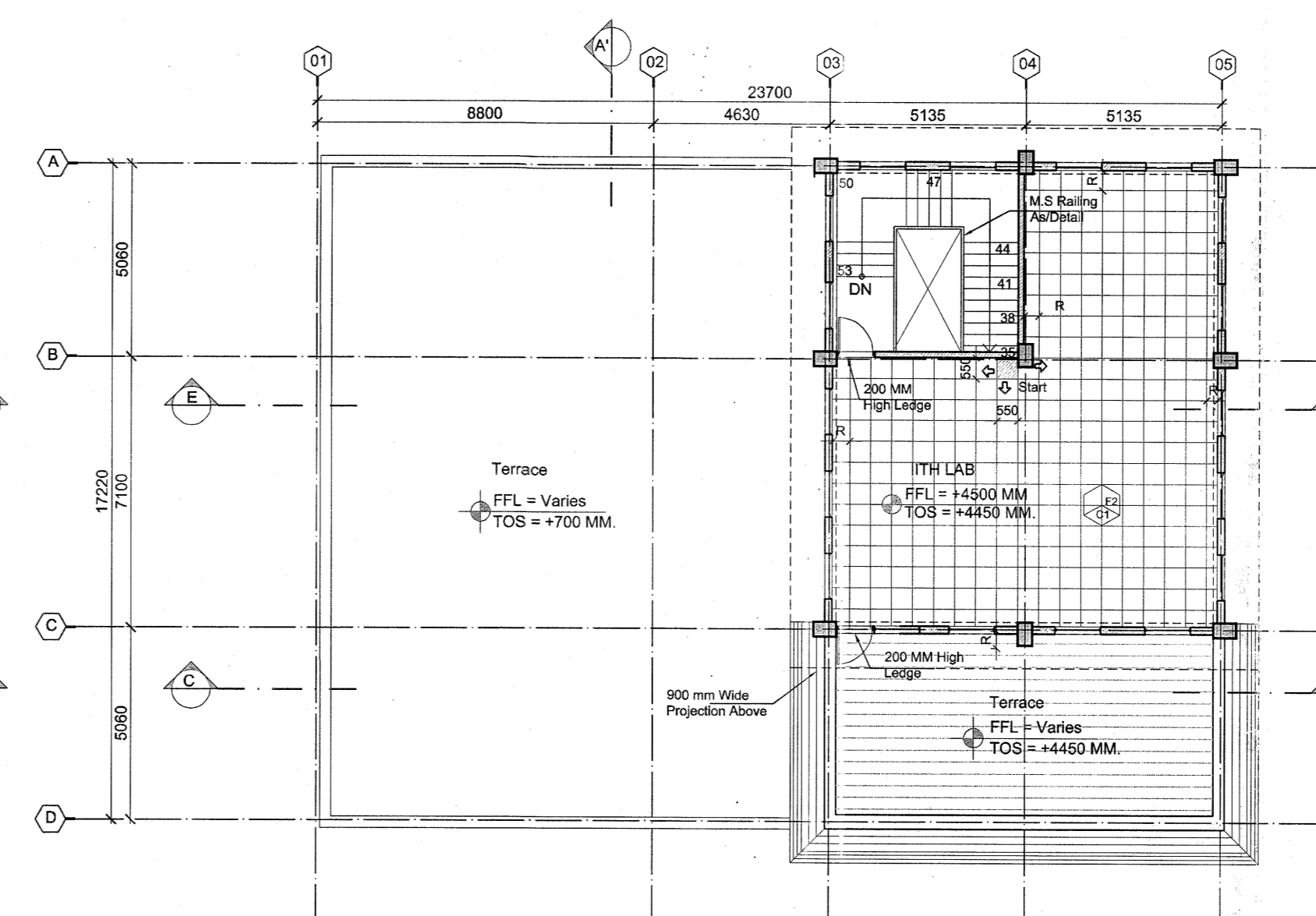
S.NO.	SYMBOL	DESCRIPTION
1.	[Symbol]	SMOKE DETECTOR
2.	[Symbol]	28 W FLORESCENT TUBE LIGHT FIXTURE.
3.	[Symbol]	36" CEILING FAN.
4.	[Symbol]	SURFACE MOUNTED LIGHT



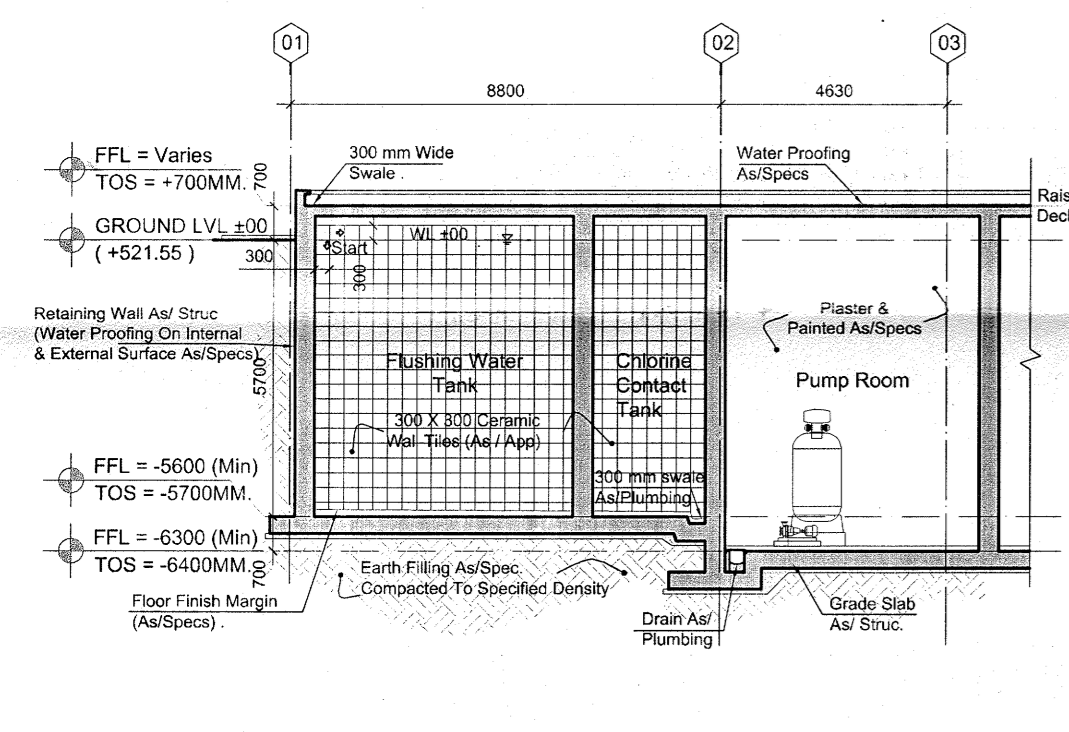
08 BASEMENT - FLOORING PLAN
SCALE:1:150



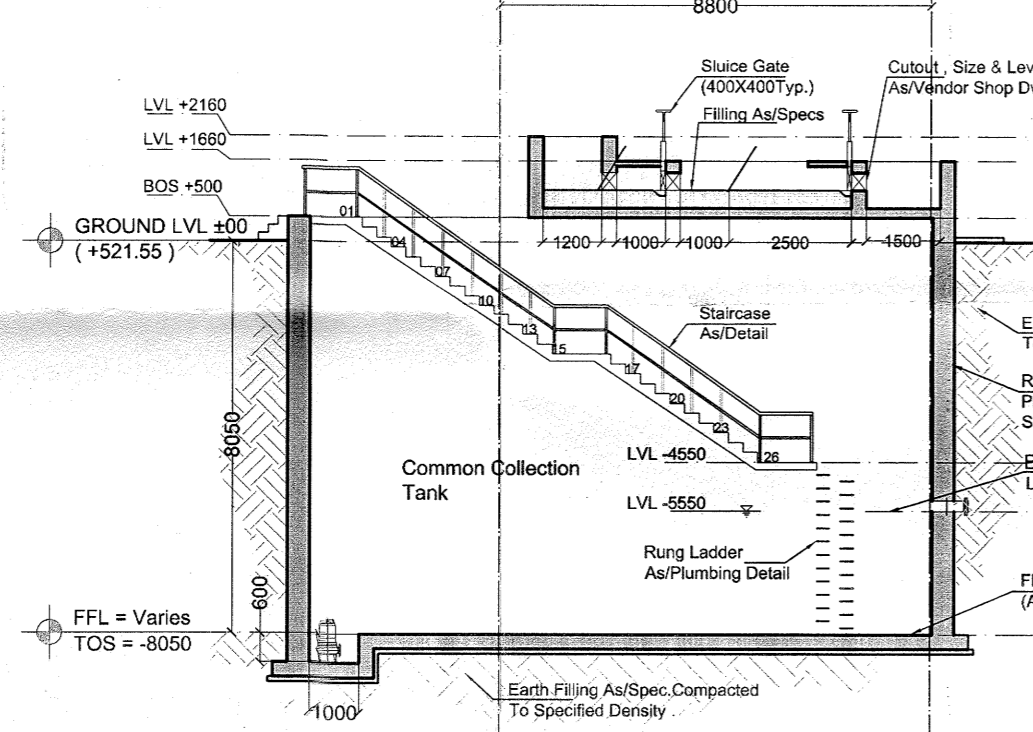
09 GROUND FLOOR - FLOORING PLAN
SCALE:1:150



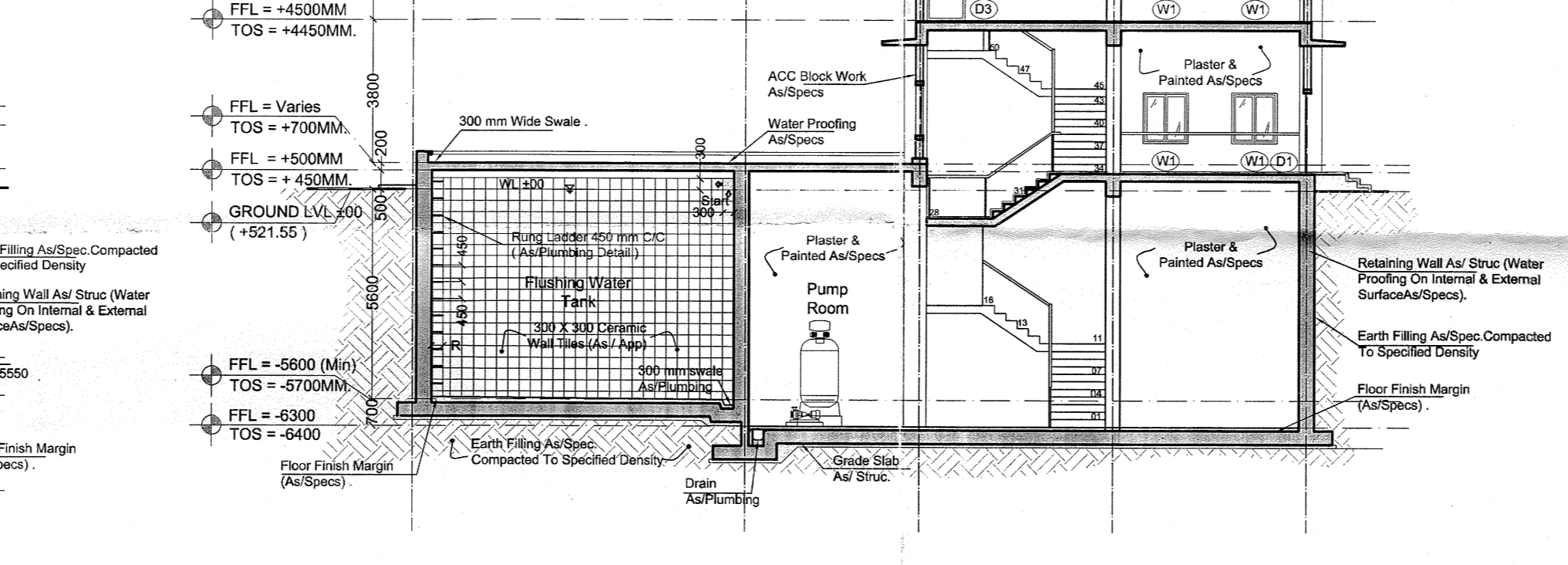
10 FIRST FLOOR - FLOORING PLAN
SCALE:1:150



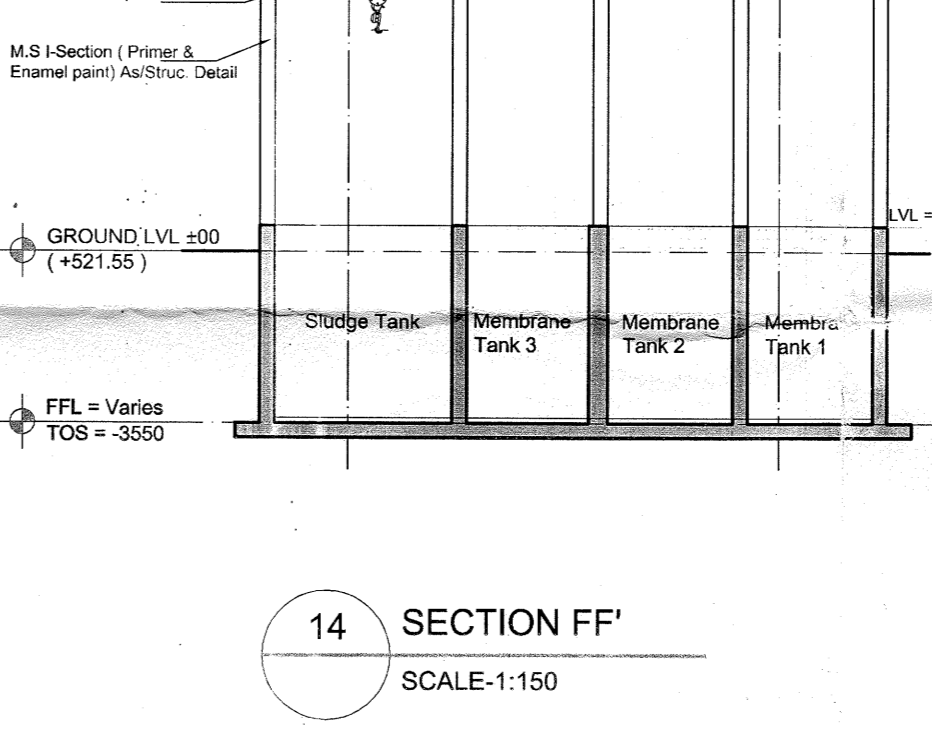
11 SECTION CC'
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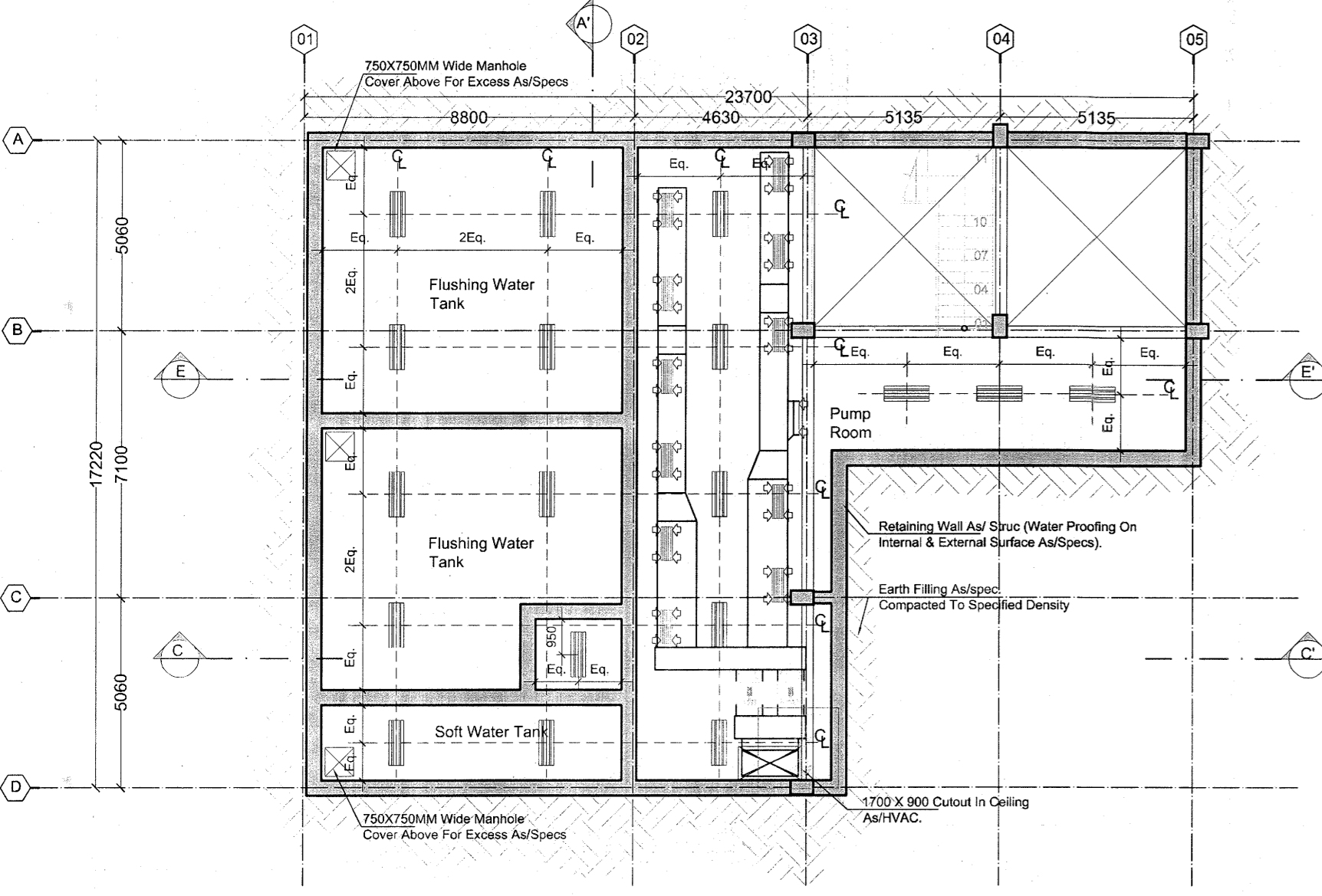
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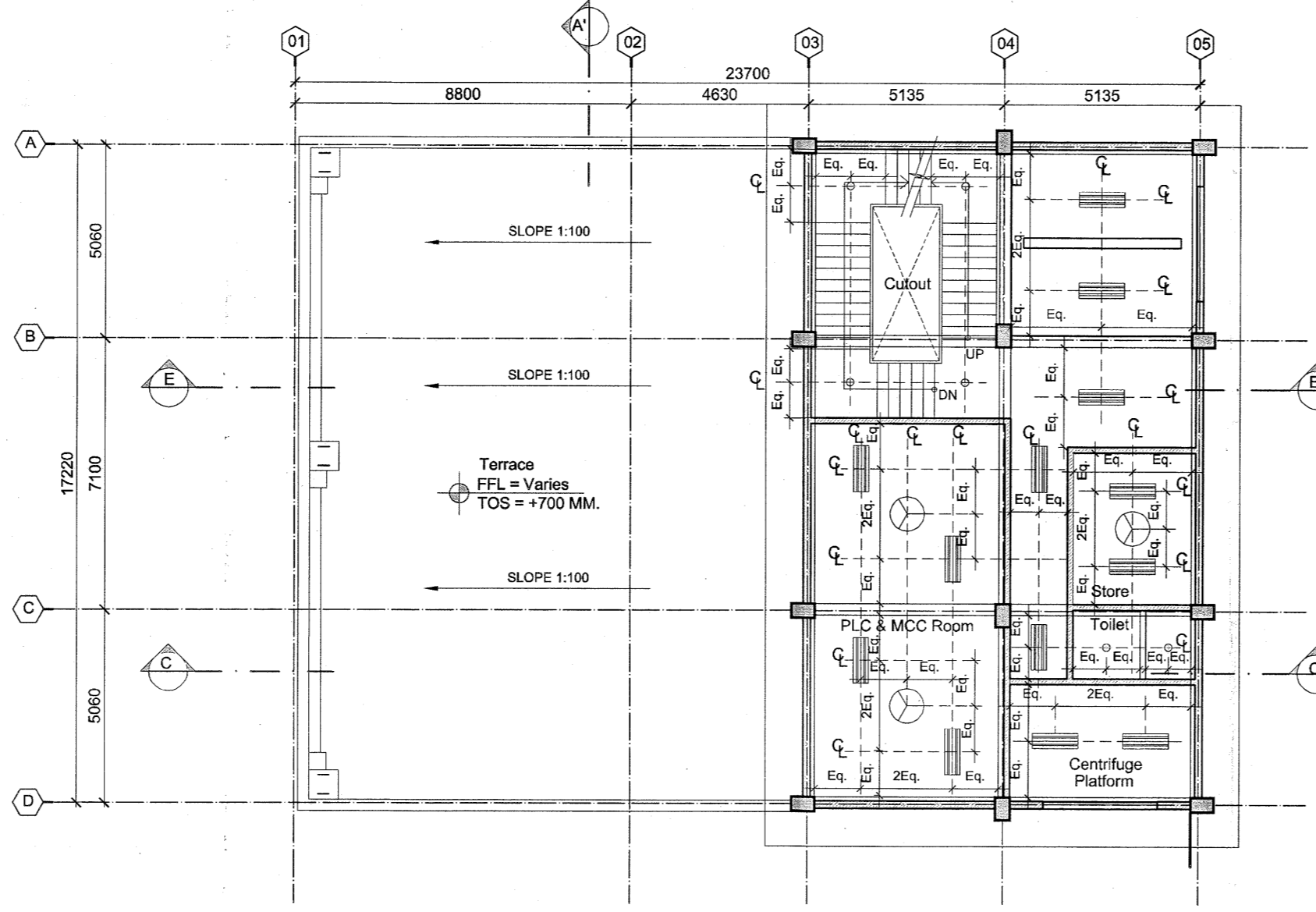
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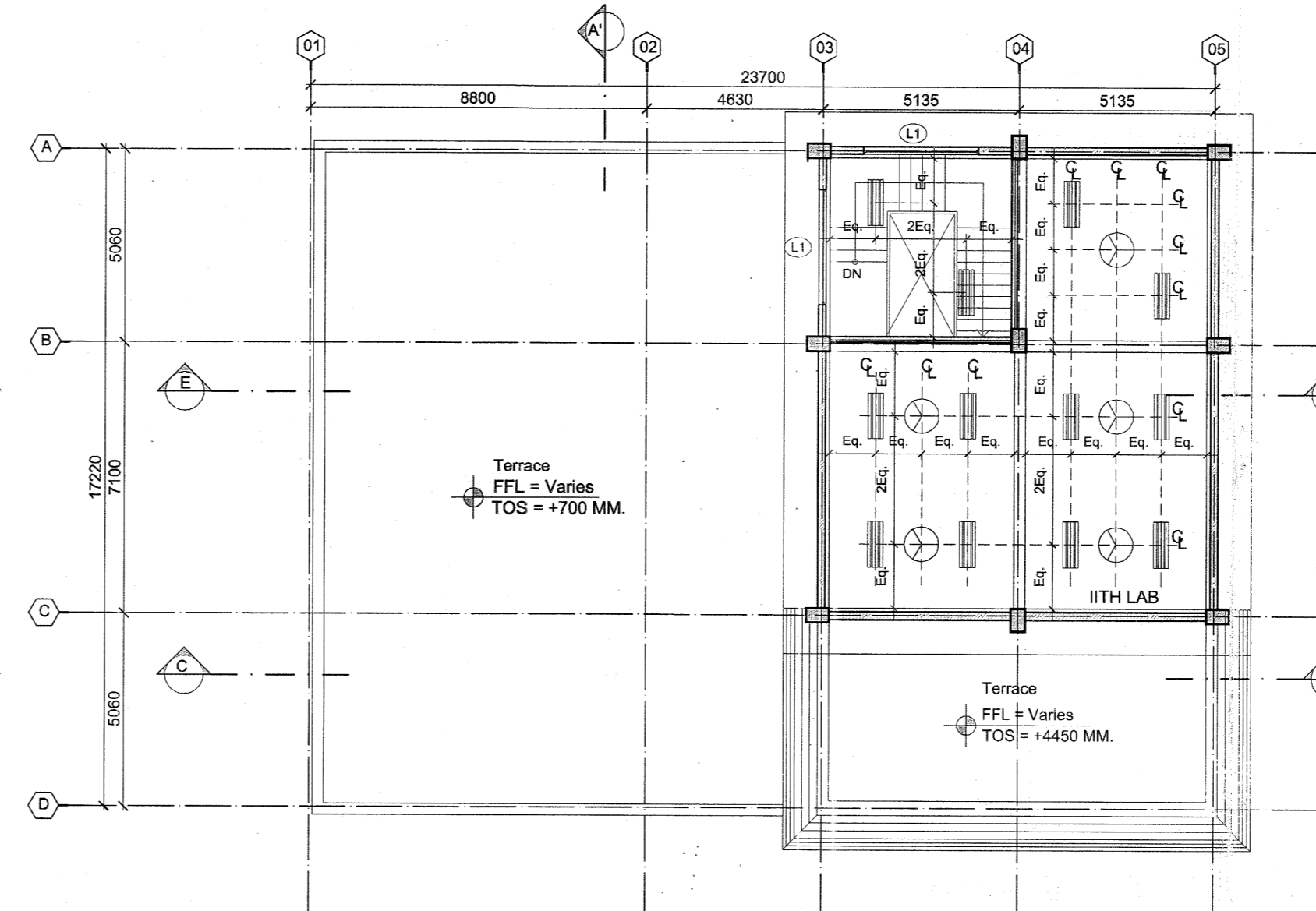
14 SECTION FF'
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15 BASEMENT - REFLECTED CEILING PLAN
SCALE:1:150



16 GROUND FLOOR - REFLECTED CEILING PLAN
SCALE:1:150

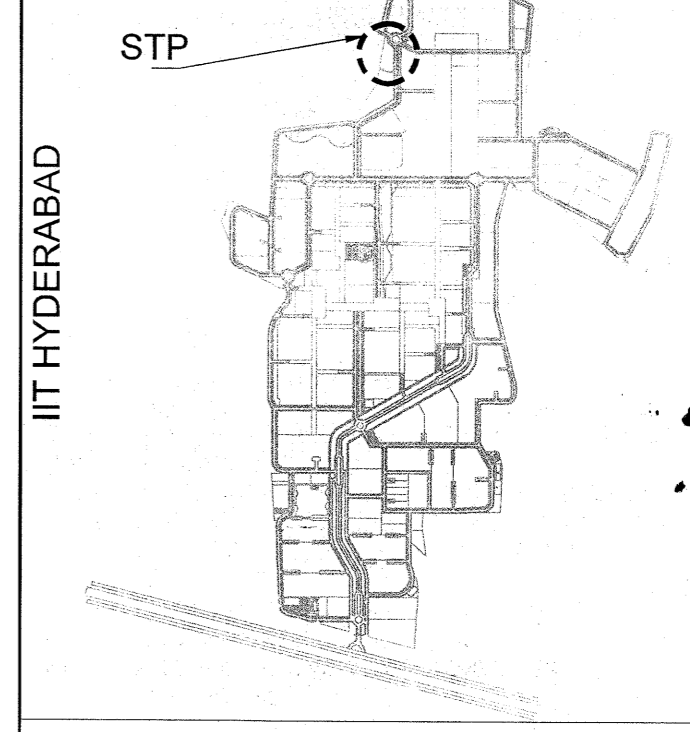


17 FIRST FLOOR - REFLECTED CEILING PLAN
SCALE:1:150

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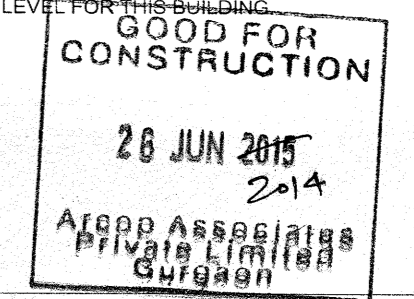
Key Plan:



ISSUES				
S. NO	DATE	BY	TO	PURPOSE
1.	26-06-2014	ARCOP	SITE	GFC.

REVISIONS				

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REFERENCE VALUE DE +00 FOR FOUNDATIONS TO +521.55 LEVEL AND N.G.L VALUE IS +520.50 LEVEL FOR THIS BUILDING.



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Architect's Signature: *[Signature]* 16 JUL 2014

Job Title: IITH EXTERNAL SERVICES BUILDINGS

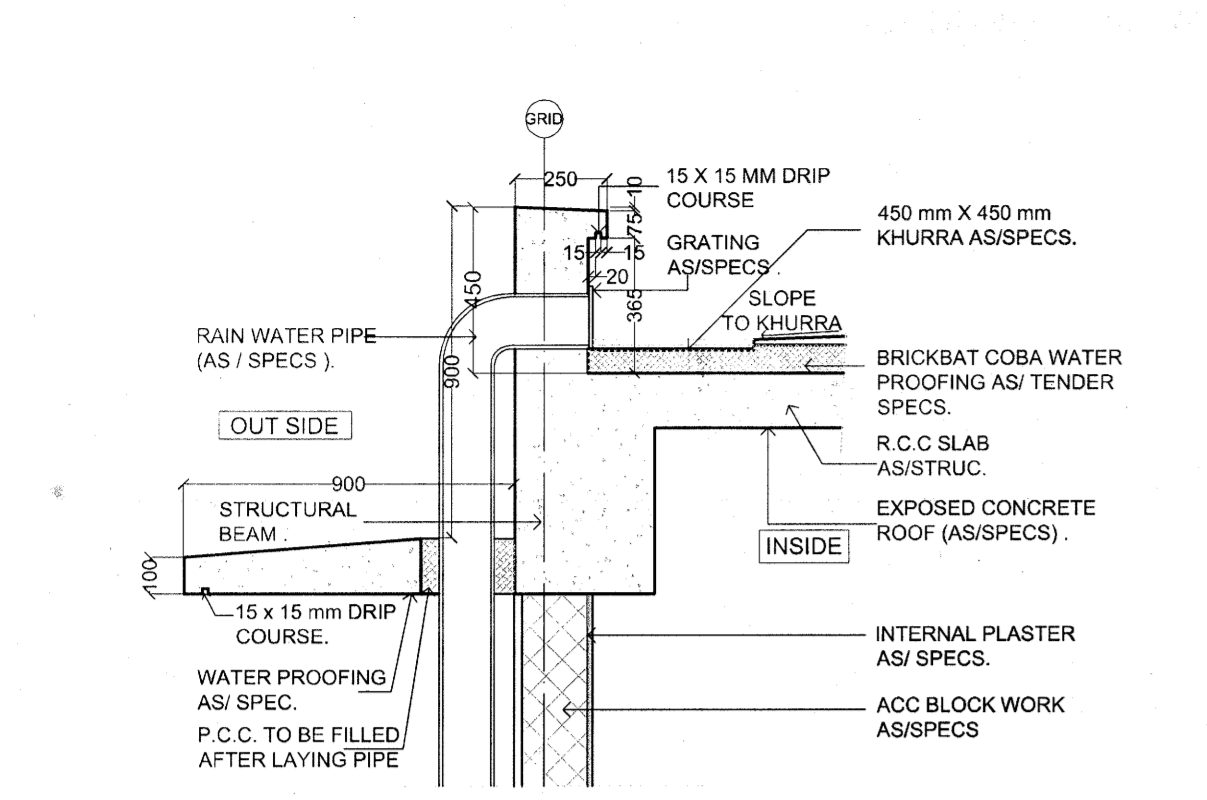
Drawing Title: MBR BASED SEWER TREATMENT PLANT

Document Release Type: ARCHITECTURAL GOOD FOR CONSTRUCTION

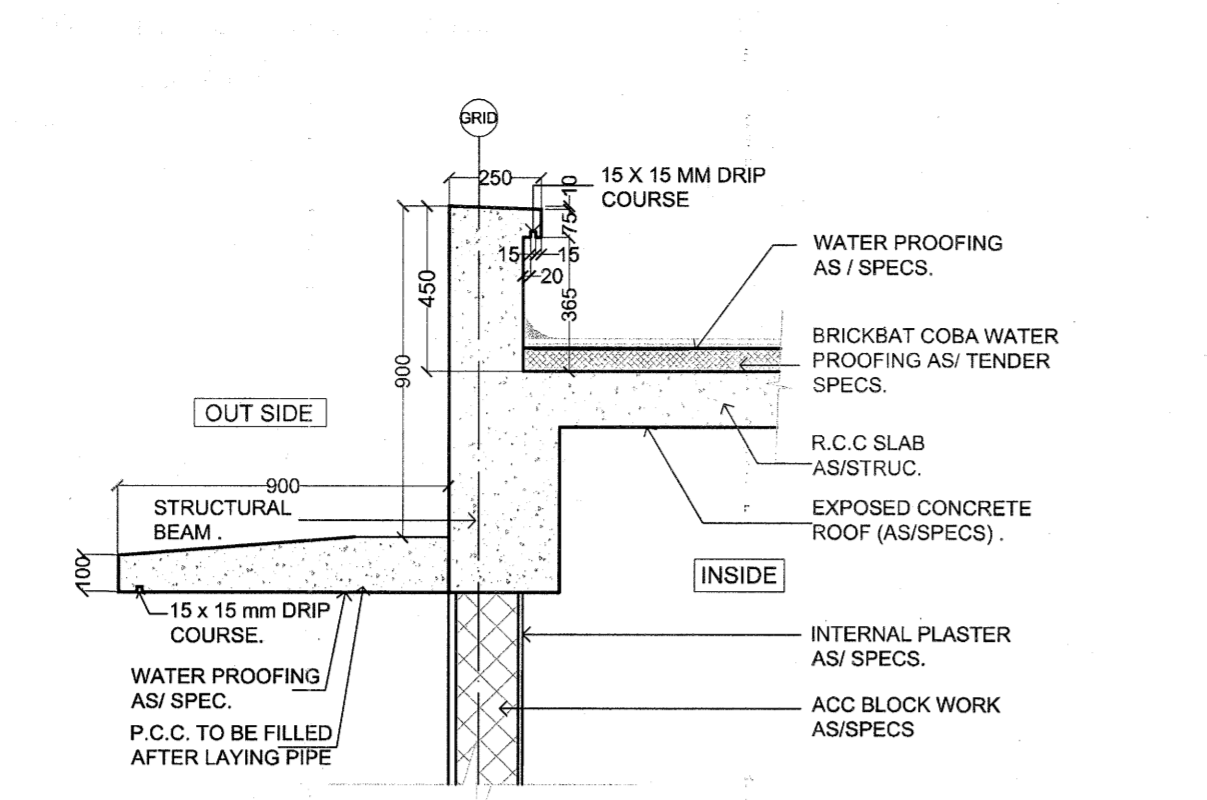
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Drawn by: JAI SAINI Checked by: PANKAJ Revision No.: R0

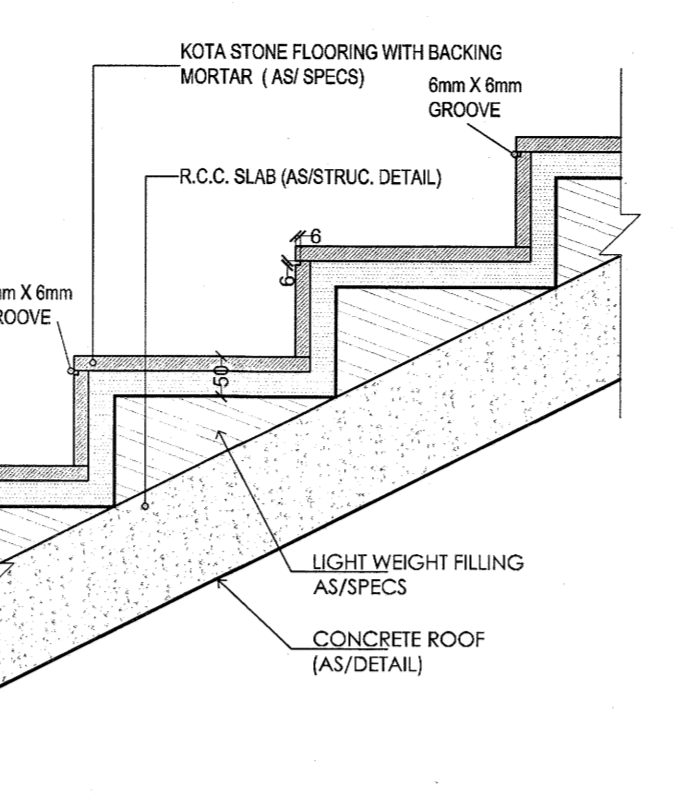
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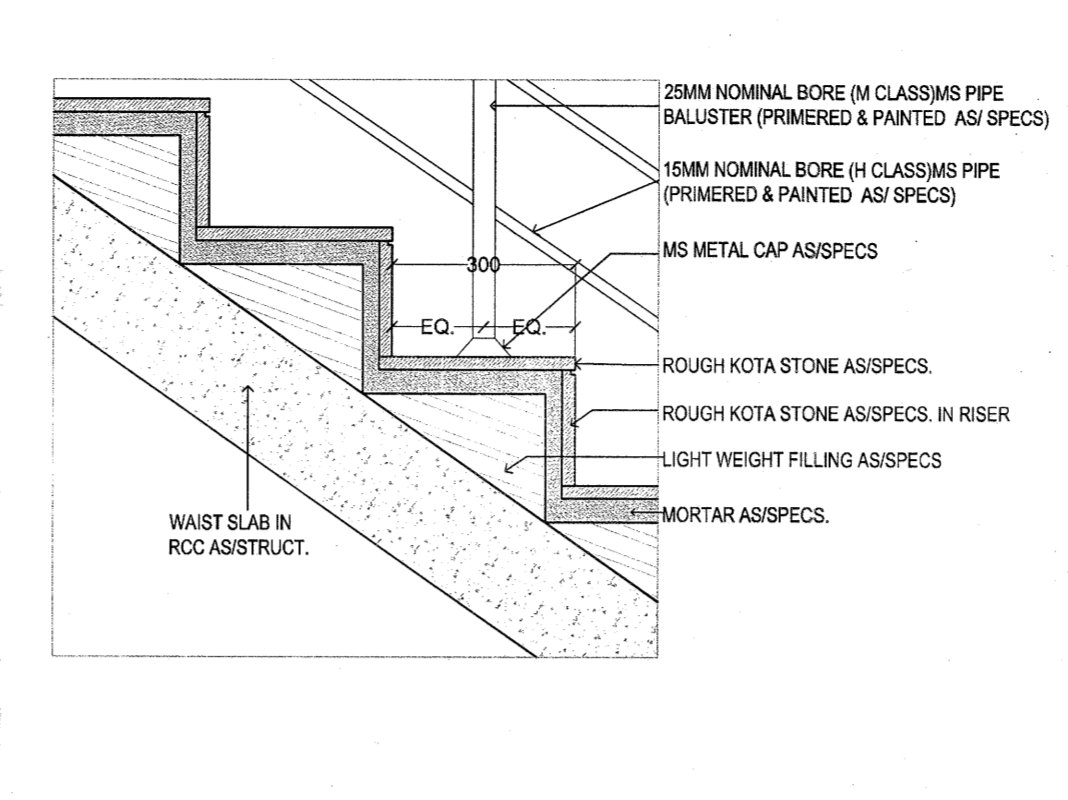
18 TYPICAL CANOPY DETAIL FROM PIPE LOCATION (DETAIL 'A')
SCALE-1:20



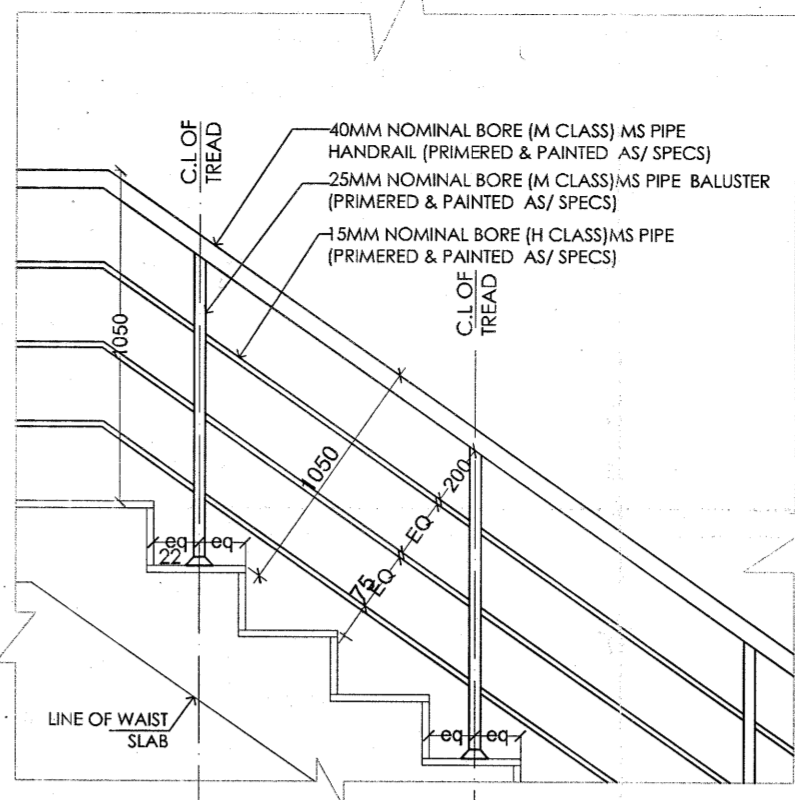
19 TYPICAL CANOPY DETAIL FROM PIPE LOCATION (SECTION-PP)
SCALE-1:20



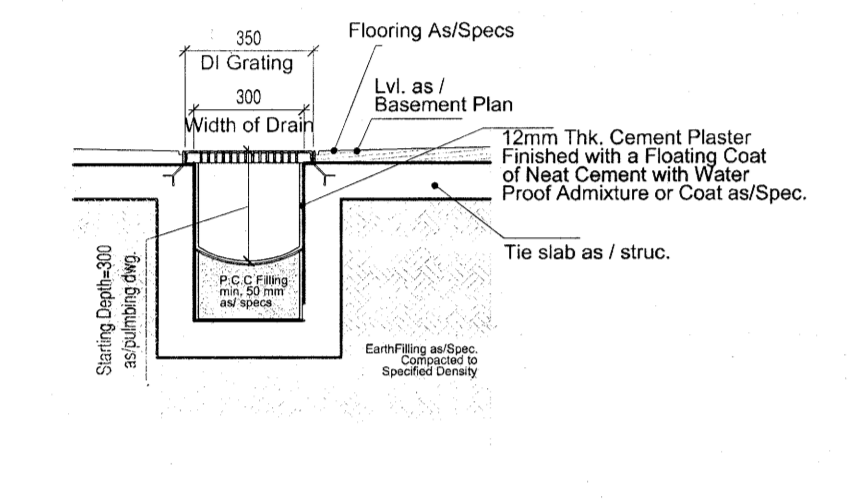
20 TYPICAL STEP DETAIL
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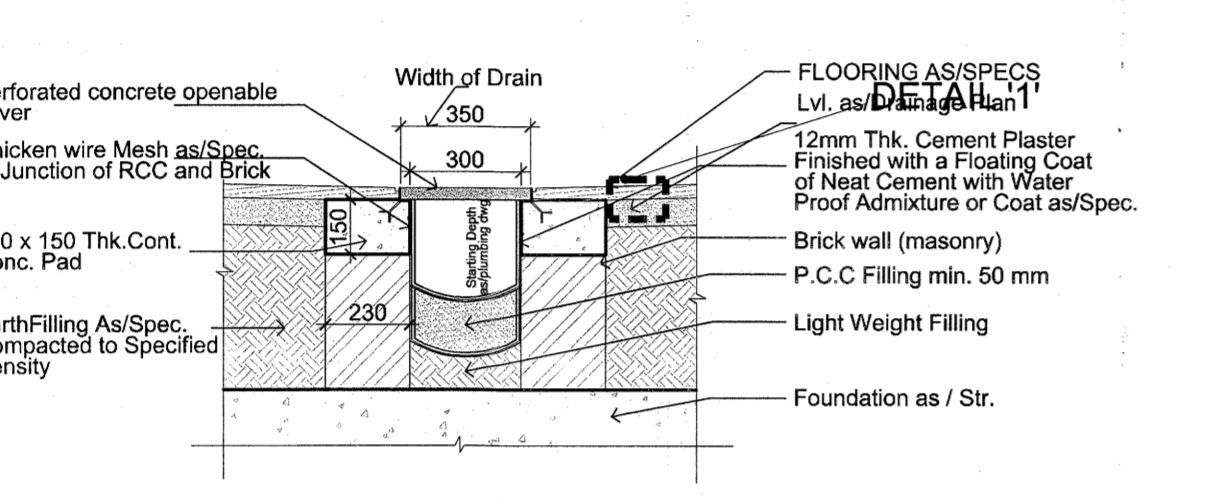
21 TYPICAL DETAIL OF HANDRAIL
SCALE-1:10



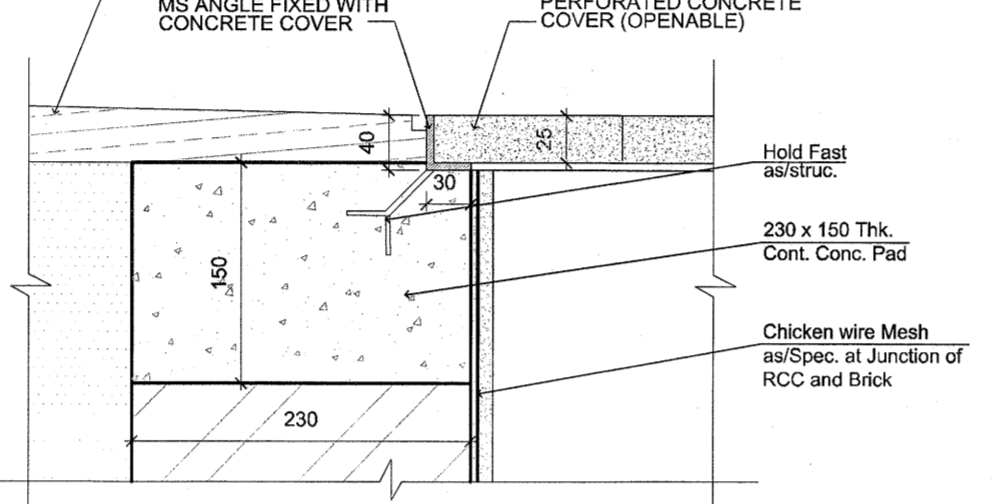
22 TYPICAL RAILING DETAIL
SCALE-1:20



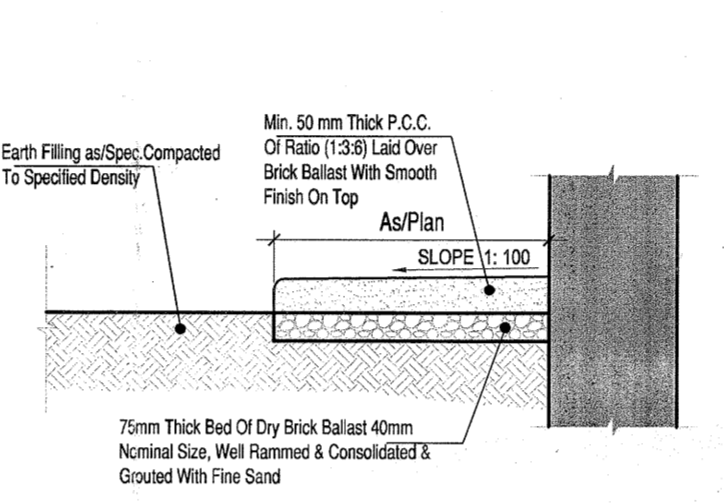
23 TYPICAL DRAIN DETAIL IN BASEMENT
SCALE-1:20



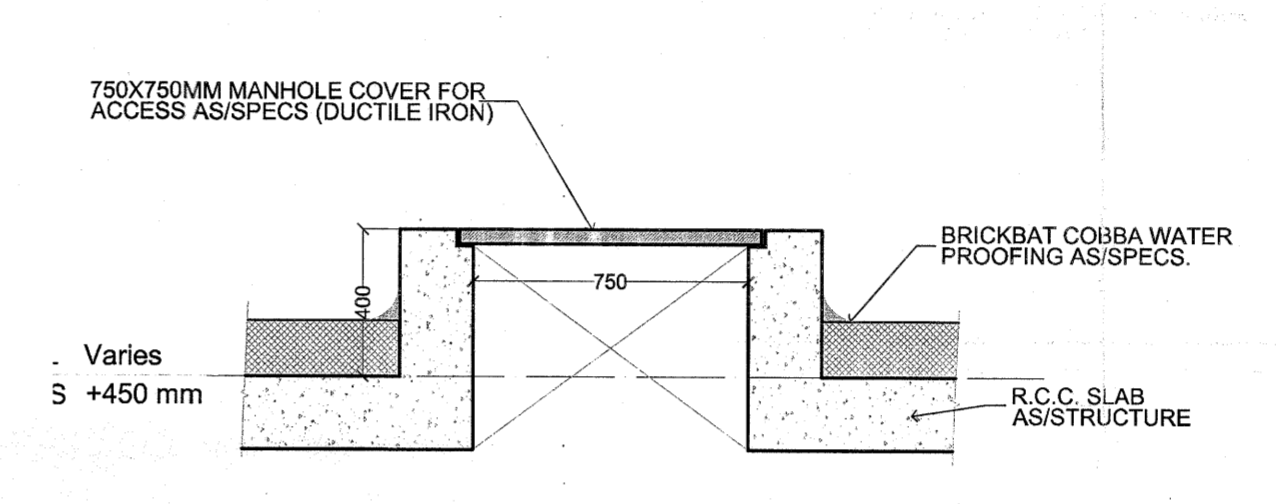
24 TYPICAL SURFACE R.C.C. DRAIN
SCALE-1:20



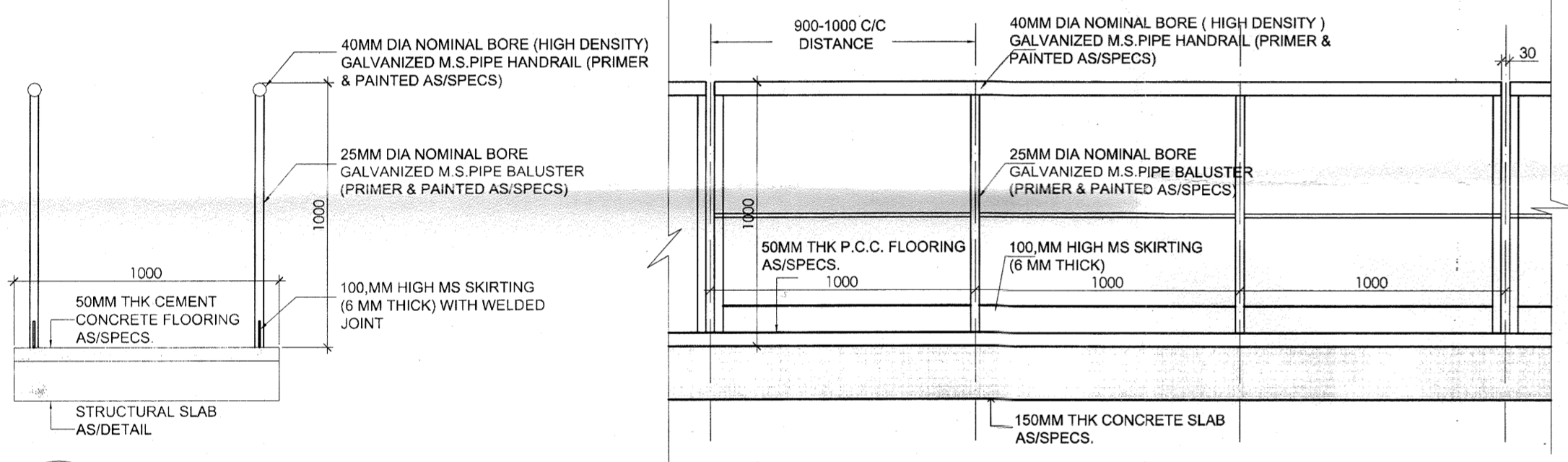
25 CONCRETE COVER DETAIL '1'
SCALE-1:5



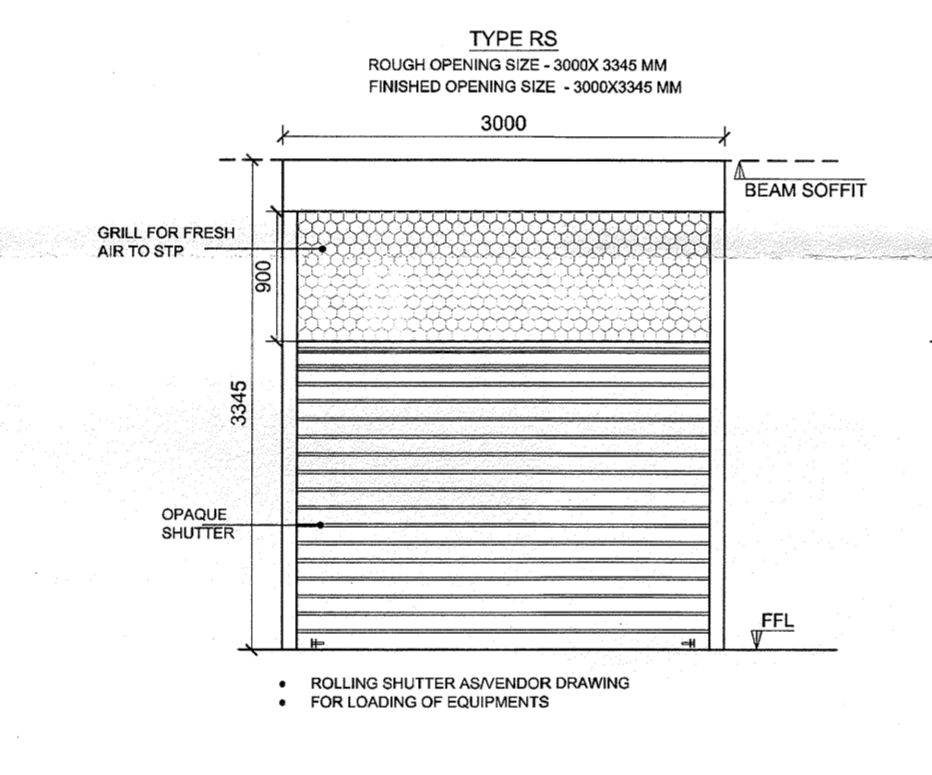
26 PLINTH PROTECTION DETAIL-B
SCALE-1:20



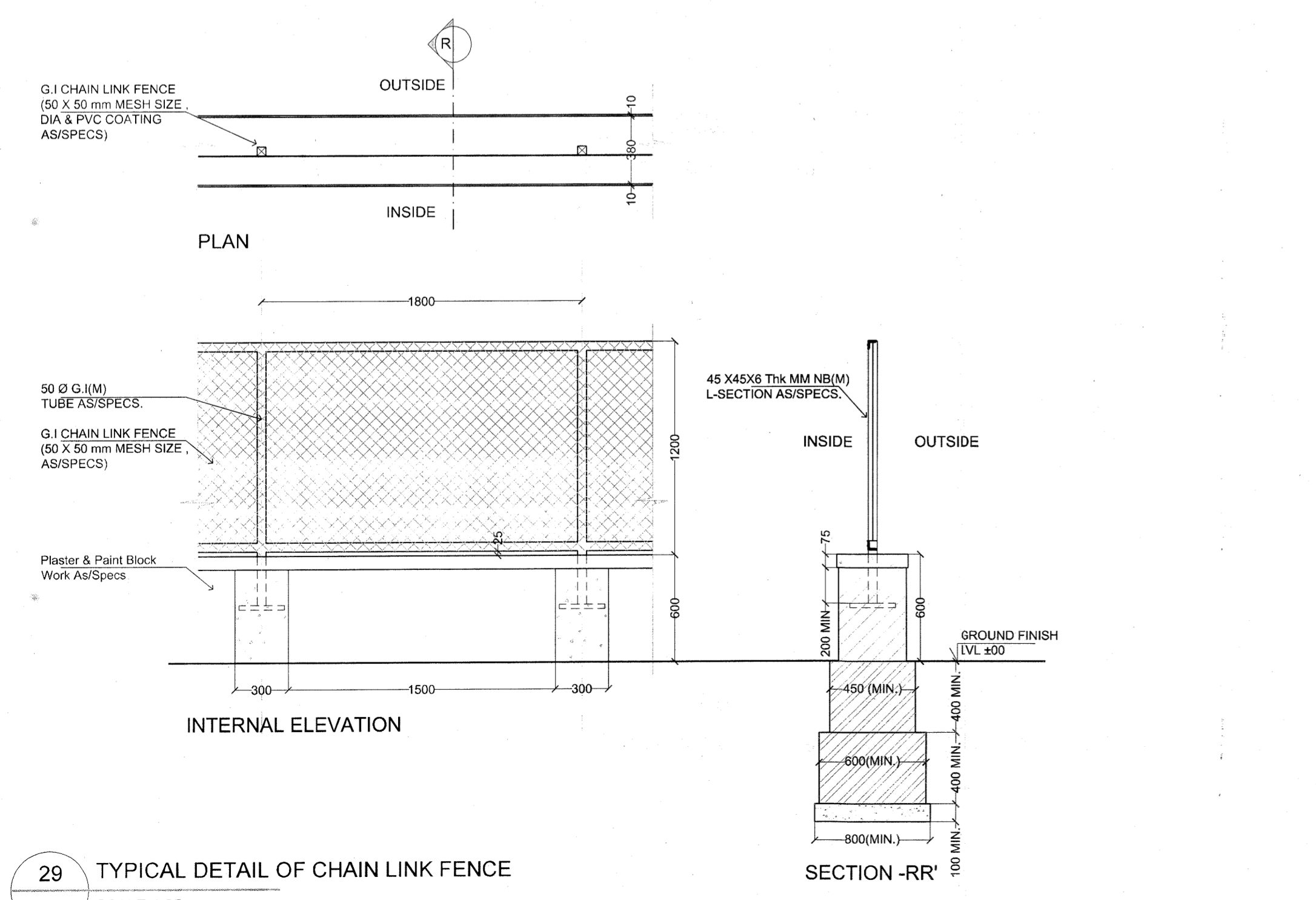
27 MANHOLE COVER DETAIL
SCALE-1:20



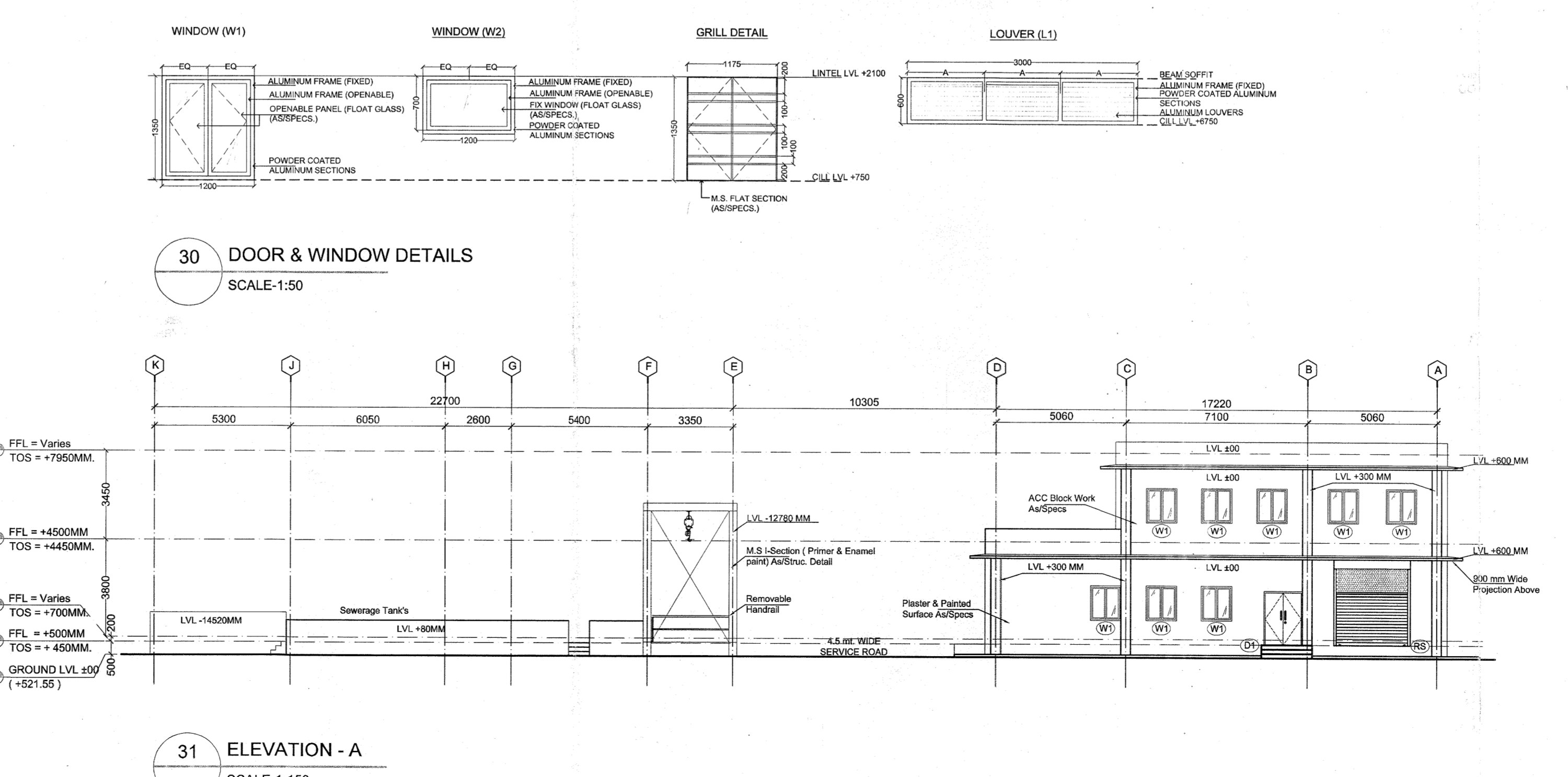
28 TYPICAL WALKWAY DETAIL
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30 DOOR & WINDOW DETAILS
SCALE-1:50



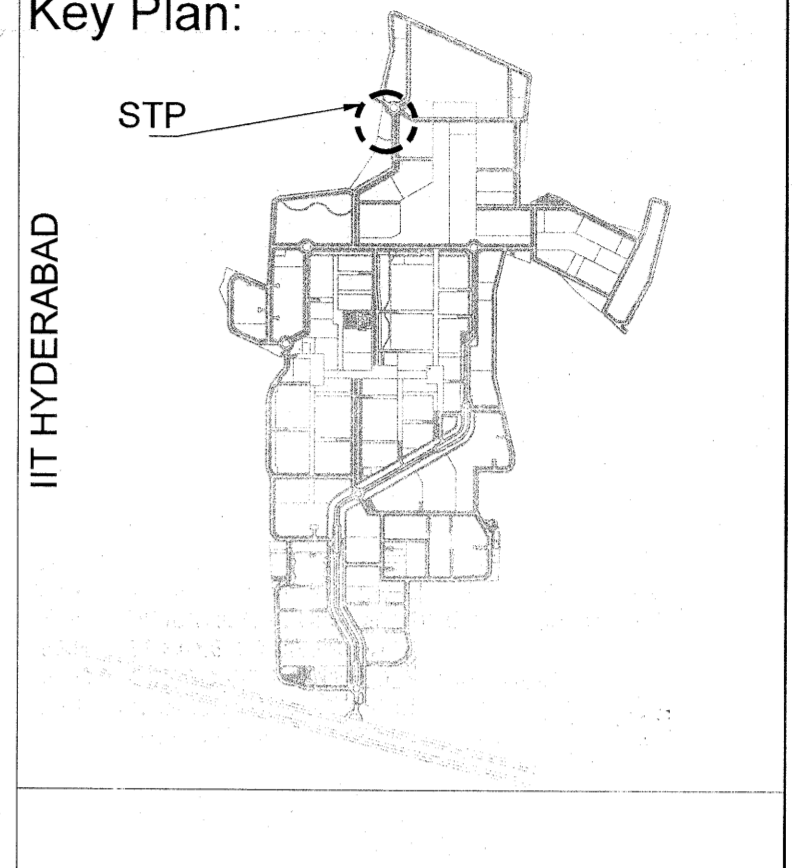
29 TYPICAL DETAIL OF CHAIN FENCE
SCALE-1:25



31 ELEVATION - A
SCALE-1:150

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REVISIONS				

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Executive Engineer (C.I. ITH).
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Checked by	PANKAJ	Revision No.
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