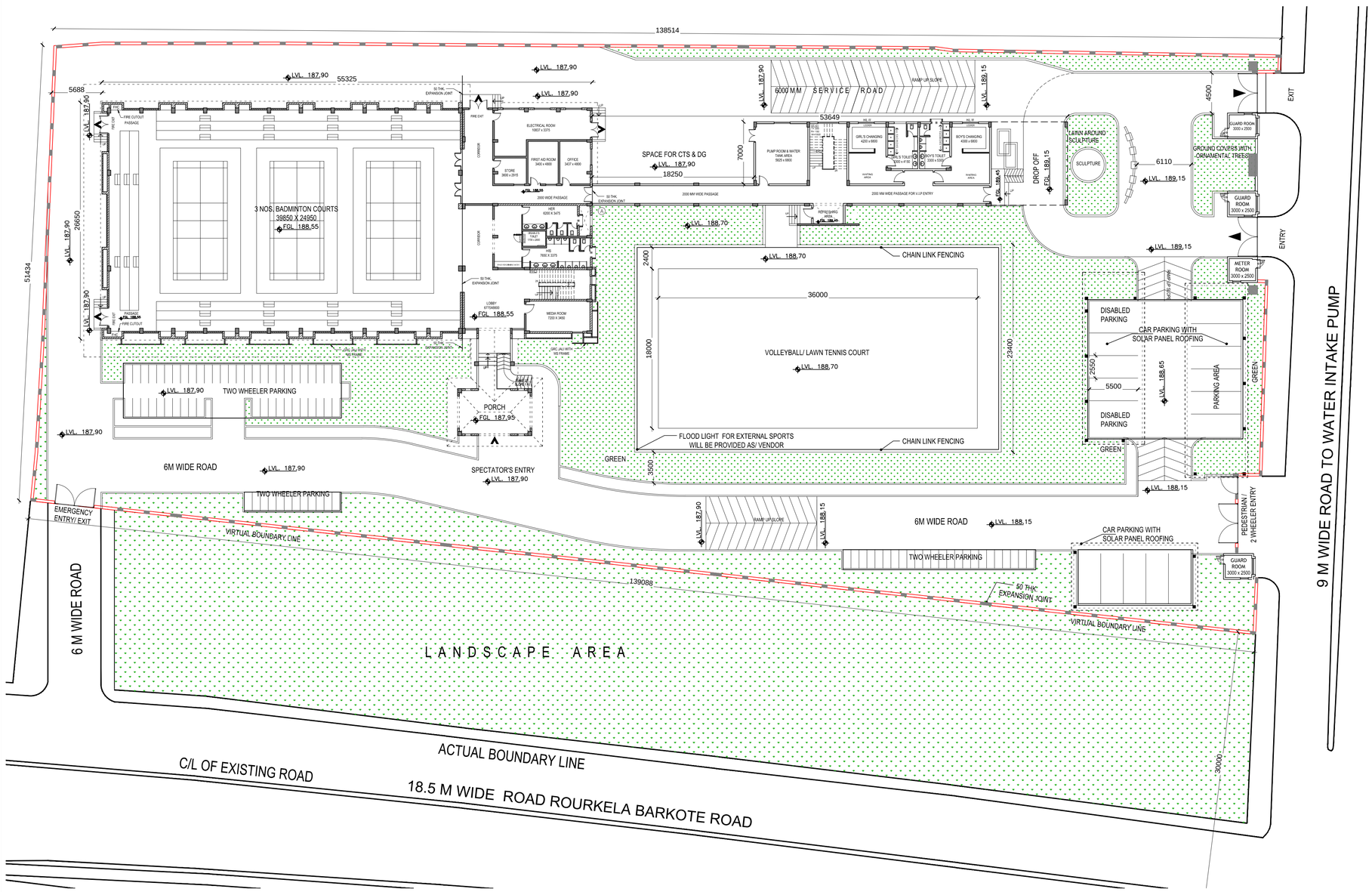
TITLE: BIJU PATNAIK INDOOR STADIUM SITE PLAN

DWG NO TCE-10839A-AC-1003-MP-10011



LEGEND

S.NO.	SYMBOL	DESCRIPTION
1		GREEN/ LANDSCAPE AREA

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METRES, UNLESS OTHERWISE NOTED.
2. ALL THE DIMENSIONS SHALL BE CHECKED AND VERIFIED AT SITE.
3. DRAWING SHALL NOT BE SCALED, WRITTEN DIMENSIONS SHALL BE FOLLOWED. ALL FLOOR LEVELS MENTIONED ARE FINISHED FLOOR LEVELS UNLESS OTHERWISE NOTED.
5. ALL DIMENSIONS ARE INDICATED CONSIDERING UNPLASTERED MASONRY/ CONCRETE OTHERWISE NOTED.
6. DOOR/ WINDOW/ VENTILATOR WIDTHS ARE CLEAR MASONRY OPENING EXCLUDING PLASTER/FINISH. DOOR/ WINDOW HEIGHTS ARE FROM FINISHED FLOOR LEVEL TO BOTTOM OF LINTEL EXCLUDING PLASTER.
7. FINISHED FLOOR LEVELS FOR TOILETS TO BE 15MM BELOW GENERAL FINISHED FLOOR LEVEL AND SHALL SLOPE TOWARDS THE FLOOR DRAIN.
8. ALL FREE EDGES OF CHAJJA & SLAB PROJECTIONS SHALL HAVE DRIP MOULD IN PLASTER 20MM WIDE X 10MM DEEP.
9. ALL INTERNAL PARTITION WALLS IN TOILETS, UNLESS OTHERWISE NOTED, SHALL BE 2200MM HIGH ABOVE FINISHED TOILET FLOOR LEVEL.
10. WATERPROOFING OF ROOF SLABS SHALL BE AS PER SPECIFICATIONS.
11. EXTERNAL PLASTER, EXPOSED CONCRETE & PRECAST RCC JALI SHALL HAVE WATERPROOF CEMENT BASED PAINT (AS PER SPECIFICATIONS), UNLESS OTHERWISE NOTED.
12. READ THIS DRAWING IN CONJUNCTION WITH ITEMS OF WORK, STRUCTURAL, SERVICE AND MECHANICAL DRAWINGS.
13. ANY DISCREPANCY BETWEEN DRAWINGS SHALL BE BROUGHT TO THE NOTICE OF ARCHITECT BEFORE EXECUTION.
14. THIS DRAWING IS THE PROPERTY OF TCE AND IS NOT TO BE COPIED/USED/REPRODUCED WITHOUT THEIR PERMISSION.
15. ALL THE COLUMNS AND THE BEAM LAYOUT SHOULD BE READ IN CONJUNCTION WITH THE CIVIL DRAWING & SHOULD NOT BE MEASURED.
16. FOR ALL THE FLOOR CUTOUTS, CIVIL DRAWINGS SHOULD BE FOLLOWED.

	SIGN.													
	INITIALS													
	REVISIONS													
	SIGN.													
	INITIALS													
	REVISIONS													
P0	SIGN.	sd/-	sd/-	sd/-								sd/-	sd/-	28-05-2018
	INITIALS	AA	IP	DD								BST	CRI	
ISSUE		DRN	DSN	CHD	CV	EL	IC	ME				PE/PM	APPD	DATE
					CLEARED									

ISSUED FOR TENDER

DO NOT SCALE

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FILE NAME : TCE-10839A-AC-1003-MP-10011-P0

ROURKELA SMART CITY LTD.

ROURKELA SMART CITY LTD

PgMC FOR AREA BASED DEVELOPMENT

BIJU PATNAIK INDOOR STADIUM
SITE PLAN

TATA CONSULTING ENGINEERS LIMITED

SCALE : 1:250

DC & DISC : DEL-AC

DWG. NO. TCE-10839A-AC-1003-MP-10011

ISSUE P0

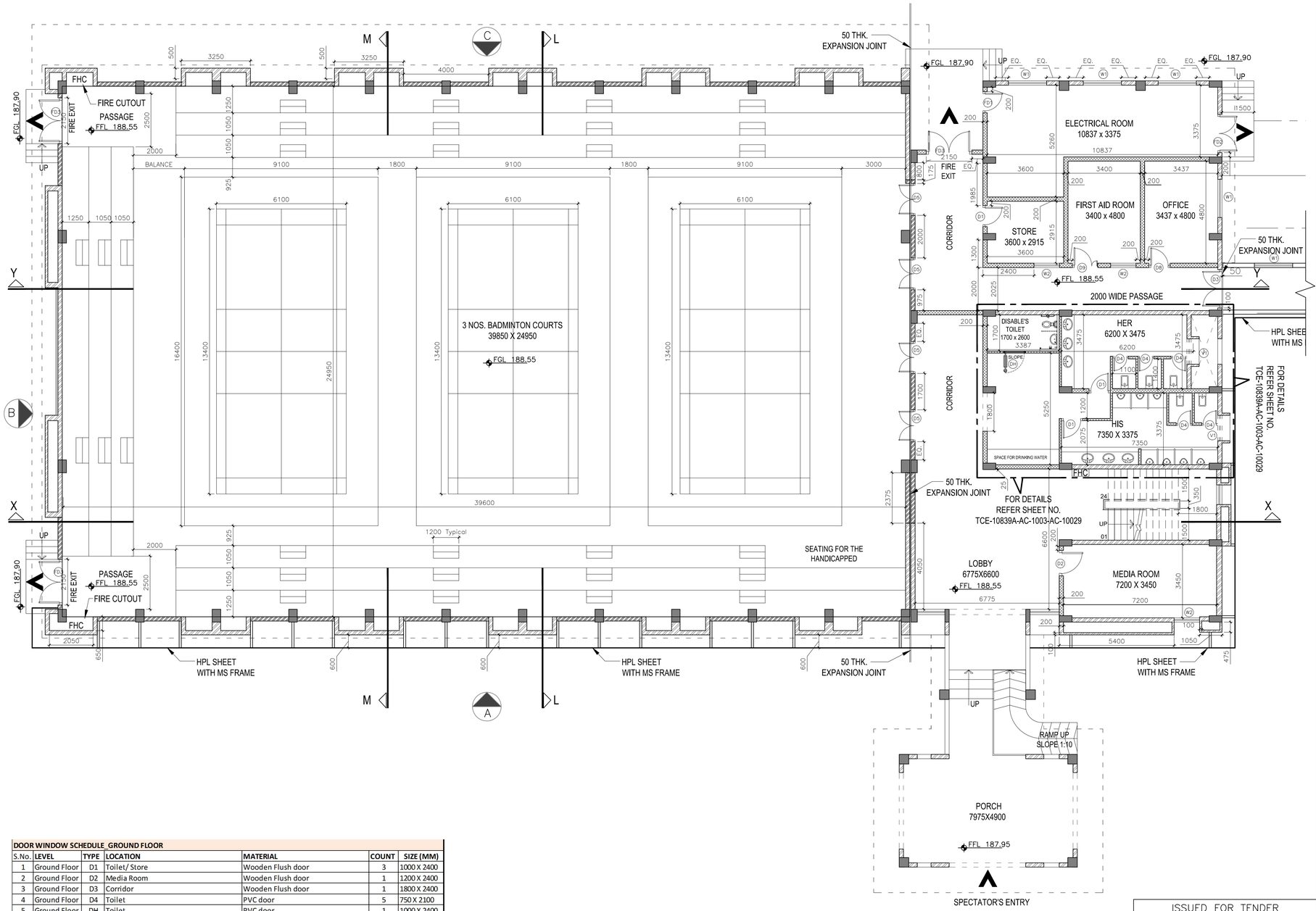
SIZE-A1

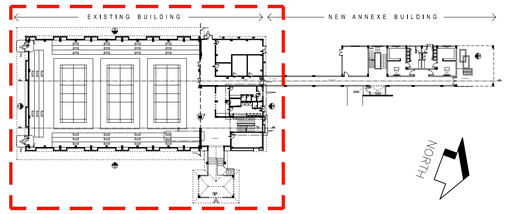
TCE FORM NO. 091 P0

FILE NAME: F-091-Pre-P0.dwg

TITLE: BIJU PATNAIK INDOOR STADIUM
GROUND FLOOR PLAN_EXISTING BUILDING

DWG NO TCE-10839A-AC-1003-AC-10016





KEY PLAN

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16. FOR ALL THE FLOOR CUTOUTS, CIVIL DRAWINGS SHOULD BE FOLLOWED.

LEGEND

S.NO.	SYMBOL	DESCRIPTION
1		EXISTING WALL
2		ADDITIONAL PROPOSED WALL
3		PROPOSED AAC BLOCK WORK TO CLOSE OPENINGS

DOOR WINDOW SCHEDULE_GROUND FLOOR

S.No.	LEVEL	TYPE	LOCATION	MATERIAL	COUNT	SIZE (MM)
1	Ground Floor	D1	Toilet/ Store	Wooden Flush door	3	1000 X 2400
2	Ground Floor	D2	Media Room	Wooden Flush door	1	1200 X 2400
3	Ground Floor	D3	Corridor	Wooden Flush door	1	1800 X 2400
4	Ground Floor	D4	Toilet	PVC door	5	750 X 2100
5	Ground Floor	DH	Toilet	PVC door	1	1000 X 2400
6	Ground Floor	D8	Office	Wooden Flush door	1	1000 X 2400
7	Ground Floor	D9	First Aid Room	MS door	1	1200 X 2400
8	Ground Floor	D5	HALL/ Corridor	Wooden Flush door	4	1500X 2400
9	Ground Floor	FD1	Electrical Room	MS door with fire rating 2 hr	1	1000 X 2400
10	Ground Floor	FD2	Electrical Room	MS door with fire rating 2 hr	1	1800 X 2400
11	Ground Floor	FD3	HALL/ Corridor	MS door with fire rating 2 hr	3	2150 X 2400
12	Ground Floor	W1	Electrical Room/ Office	Aluminium sliding window	4	1800 X 1500
13	Ground Floor	W2	First Aid Room/ Store/ Media room	Aluminium sliding window	3	1200 X 1500
14	Ground Floor	V1	Toilet	Aluminium ventilator	2	1200 X 1200

GROUND FLOOR DOOR WINDOW SCHEDULE

	SIGN.												
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	REVISIONS												
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P0	SIGN.	sd/-	sd/-	sd/-						sd/-	sd/-	28-05-2018
	INITIALS	AA	IP	DD						BST	CRI	
ISSUE		DRN	DSN	CHD	CV	EL	IC	ME		PE/PM	APPD	DATE
					CLEARED							

ISSUED FOR TENDER

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FILE NAME : TCE-10839A-AC-1003-AC-10016-P0

ROURKELA SMART CITY LTD.

ROURKELA SMART CITY LTD

PgMC FOR AREA BASED DEVELOPMENT

BIJU PATNAIK INDOOR STADIUM
GROUND FLOOR PLAN_EXISTING BUILDING

TATA CONSULTING ENGINEERS LIMITED

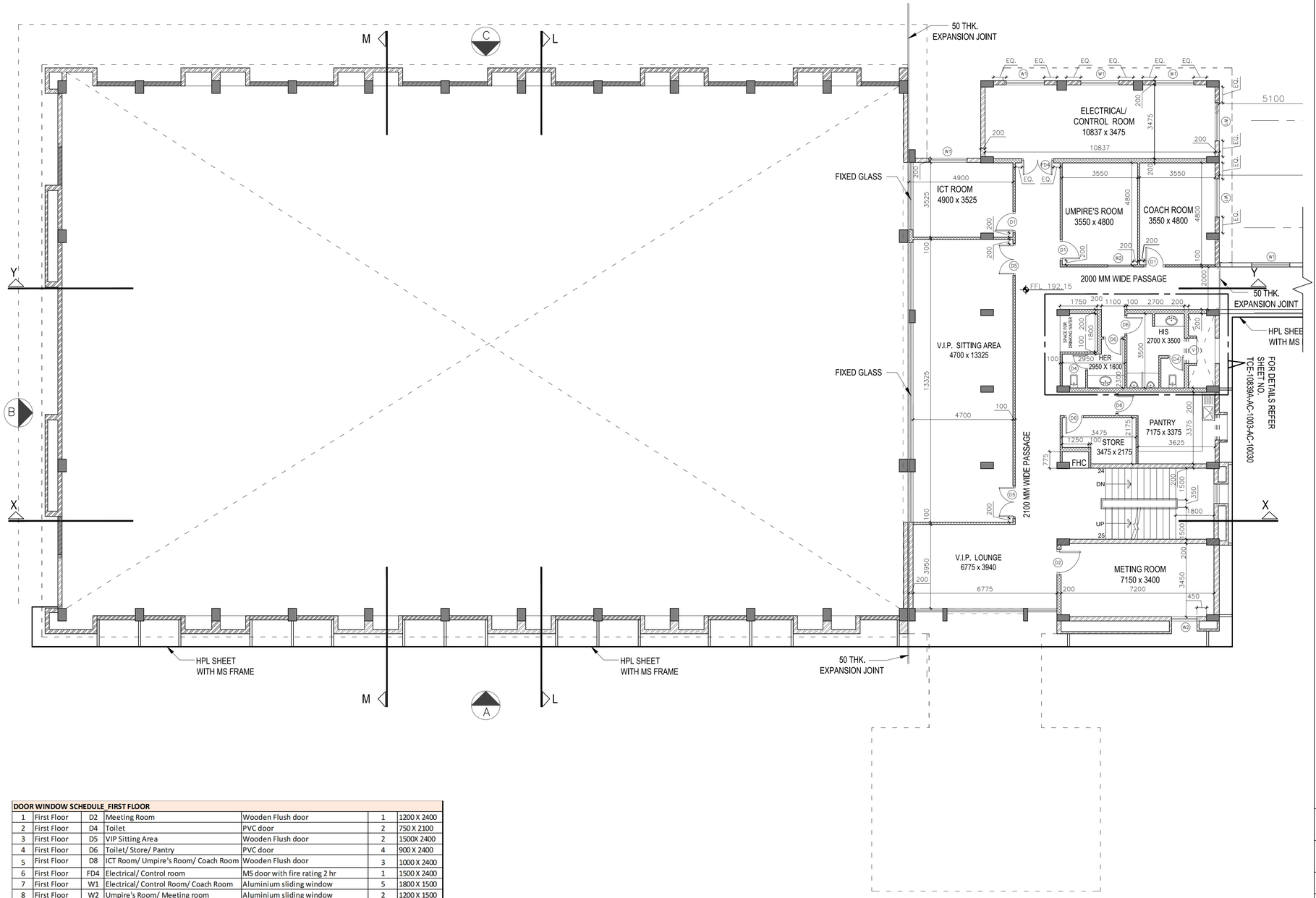
SCALE : 1:100
DC & DISC : DEL-AC
DWG NO. TCE-10839A-AC-1003-AC-10016
ISSUE P0
SIZE-A1

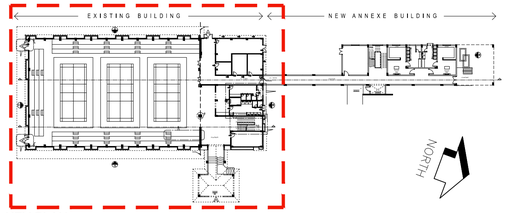
FILE NAME: F-091-Pre-P0.dwg

TCE FORM NO. 091 P0

TITLE: BIJU PATNAIK INDOOR STADIUM
FIRST FLOOR PLAN_EXISTING BUILDING

DWG NO TCE-10839A-AC-1003-AC-10017





KEY PLAN

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LEGEND

S.NO.	SYMBOL	DESCRIPTION
1		EXISTING WALL
2		ADDITIONAL PROPOSED WALL
3		PROPOSED AAC BLOCK WORK TO CLOSE OPENINGS

DOOR WINDOW SCHEDULE_FIRST FLOOR

1	First Floor	D2	Meeting Room	Wooden Flush door	1	1200 X 2400
2	First Floor	D4	Toilet	PVC door	2	750 X 2100
3	First Floor	D5	VIP Sitting Area	Wooden Flush door	2	1500X 2400
4	First Floor	D6	Toilet/ Store/ Pantry	PVC door	4	900 X 2400
5	First Floor	D8	ICT Room/ Umpire's Room/ Coach Room	Wooden Flush door	3	1000 X 2400
6	First Floor	FD4	Electrical/ Control room	MS door with fire rating 2 hr	1	1500 X 2400
7	First Floor	W1	Electrical/ Control Room/ Coach Room	Aluminium sliding window	5	1800 X 1500
8	First Floor	W2	Umpire's Room/ Meeting room	Aluminium sliding window	2	1200 X 1500
9	First Floor	V1	Toilet	Aluminium ventilator	1	1200 X 1200

FIRST FLOOR DOOR WINDOW SCHEDULE

	SIGN.												
	INITIALS												
	REVISIONS												
	SIGN.												
	INITIALS												
	REVISIONS												
P0	SIGN.	sd/-	sd/-	sd/-						sd/-	sd/-		
	INITIALS	AA	IP	DD						BST	CRI	28-05-2018	
ISSUE		DRN	DSN	CHD	CV	EL	IC	ME		PE/PM	APPD	DATE	
					CLEARED								

ISSUED FOR TENDER

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FILE NAME : TCE-10839A-AC-1003-AC-10017-P0

ROURKELA SMART CITY LTD.

ROURKELA SMART CITY LTD

PgMC FOR AREA BASED DEVELOPMENT

BIJU PATNAIK INDOOR STADIUM
FIRST FLOOR PLAN_EXISTING BUILDING

TATA CONSULTING ENGINEERS LIMITED

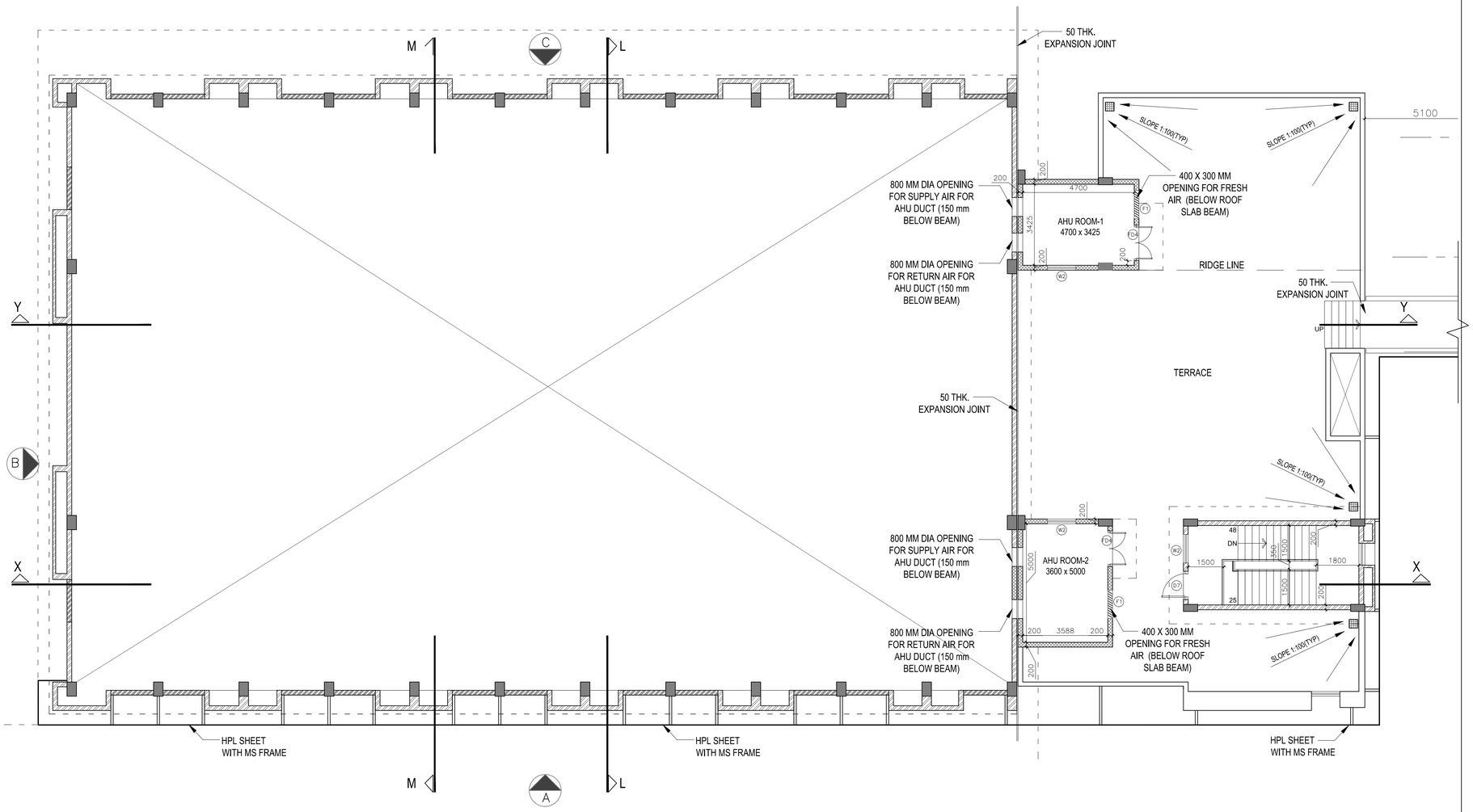
SCALE : 1:100
DC & DISC : DEL-AC
DWG. NO. TCE-10839A-AC-1003-AC-10017
ISSUE P0
SIZE-A1

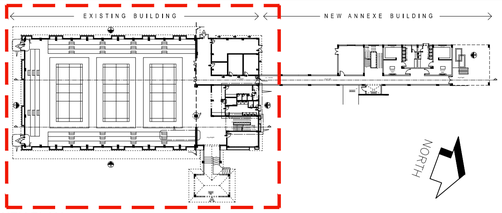
FILE NAME: F-091-Pre-P0.dwg

TCE FORM NO. 091 P0

TITLE: BIJU PATNAIK INDOOR STADIUM
TERRACE PLAN_EXISTING BUILDING

DWG NO TCE-10839A-AC-1003-AC-10018





KEY PLAN

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LEGEND

S.NO.	SYMBOL	DESCRIPTION
1		EXISTING WALL
2		ADDITIONAL PROPOSED WALL
3		PROPOSED AAC BLOCK WORK TO CLOSE OPENINGS

TERRACE DOOR WINDOW SCHEDULE

DOOR WINDOW SCHEDULE_TERRACE						
1	Terrace	D7	Mumty	MS door	1	1200 X 2400
2	Terrace	FD4	AHU ROOM-1 & 2	MS door with fire rating 2 hr	2	1500 X 2400
3	Terrace	W2	AHU ROOM-1 & 2, Staircase	Aluminium sliding window	2	1200 X 1500
4	Terrace	F1	AHU ROOM-1 & 2	Louvers with Bird screen	2	1200 X 1500

	SIGN.													
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	REVISIONS													
	SIGN.													
	INITIALS													
	REVISIONS													
P0	SIGN.	sd/-	sd/-	sd/-								sd/-	sd/-	28-05-2018
	INITIALS	AA	IP	DD								BST	CRI	
ISSUE		DRN	DSN	CHD	CV	EL	IC	ME				PE/PM	APPD	DATE
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FILE NAME : TCE-10839A-AC-1003-AC-10018-P0

ROURKELA SMART CITY LTD.

ROURKELA SMART CITY LTD

PgMC FOR AREA BASED DEVELOPMENT

BIJU PATNAIK INDOOR STADIUM
TERRACE PLAN_EXISTING BUILDING

TATA CONSULTING ENGINEERS LIMITED

SCALE : 1:100 | DWG NO. TCE-10839A-AC-1003-AC-10018 | ISSUE P0

DC & DISC: DEL-AC

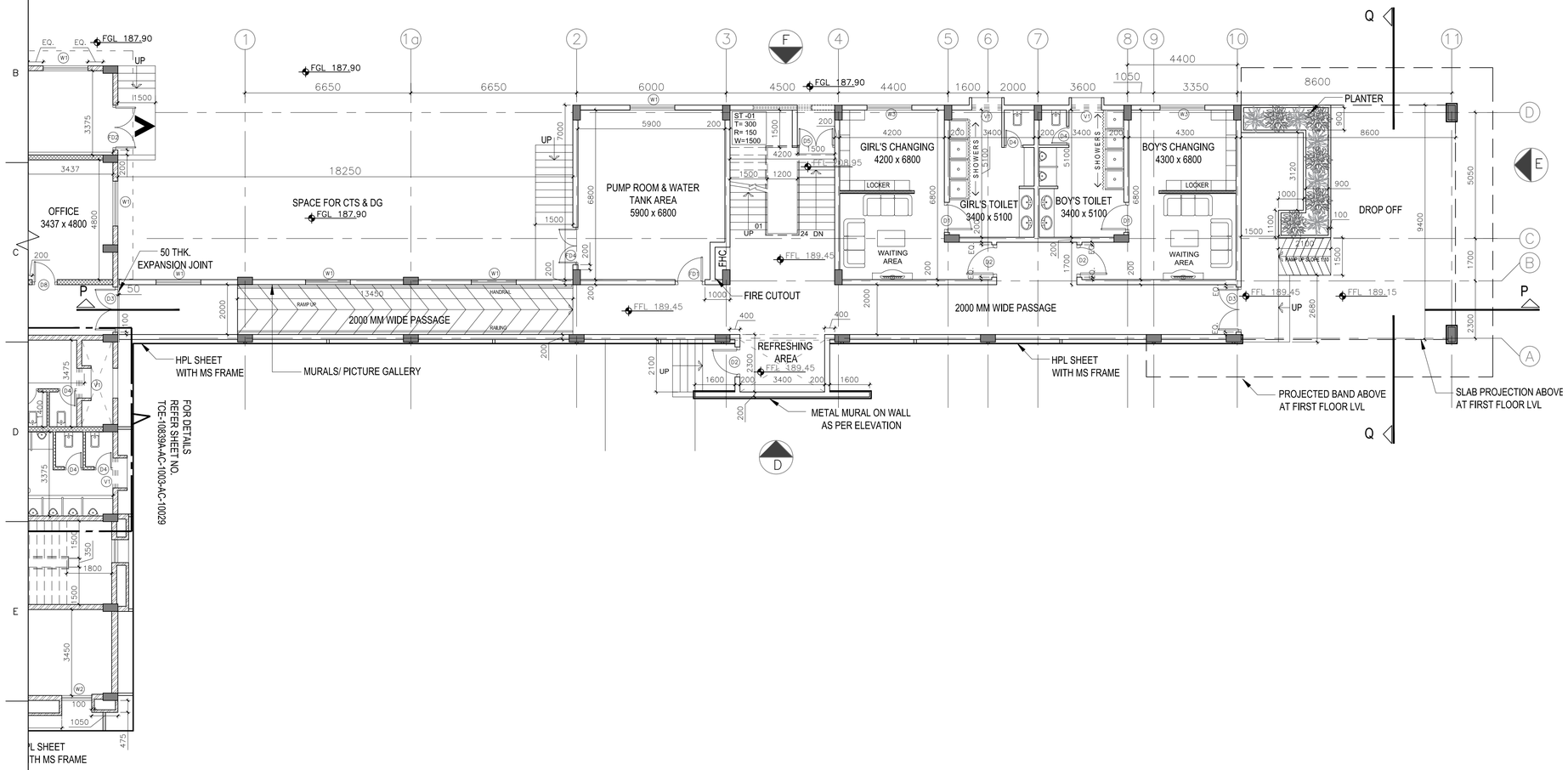
SIZE-A1

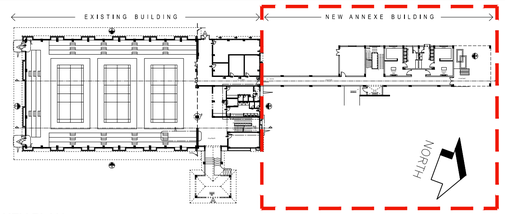
FILE NAME: F-091-Pre-P0.dwg

TCE FORM NO. 091 P0

TITLE: BIJU PATNAIK INDOOR STADIUM
GROUND FLOOR PLAN_ANNEXE BUILDING

DWG NO TCE-10839A-AC-1003-AC-10023





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DOOR WINDOW SCHEDULE_GROUND FLOOR

S.No.	LEVEL	TYPE	LOCATION	MATERIAL	COUNT	SIZE (MM)
1	Ground Floor	D1	Girl's/Boys toilet	Wooden Flush door	2	1000 X 2400
2	Ground Floor	D2	Girl's/Boys changing Room/ Refreshing area	Wooden Flush door	3	1200 X 2400
3	Ground Floor	D3	Corridor	Wooden Flush door	1	1800 X 2400
4	Ground Floor	D4	Toilet	PVC door	2	750 X 2100
5	Ground Floor	D5	Service entry	Wooden Flush door	1	1500X 2400
6	Ground Floor	FD1	Pump room	MS door with fire rating 2 hr	1	1000 X 2400
7	Ground Floor	FD4	Pump room	MS door with fire rating 2 hr	1	1500 X 2400
8	Ground Floor	W1	Girl's/Boys changing Room/ Pump room	Aluminium sliding window	3	1800 X 1500
9	Ground Floor	W3	Girl's/Boys changing Room	Fixed window	2	1800 X 600
10	Ground Floor	V1	Toilet	Aluminium ventilator	2	1200 X 1200

GROUND FLOOR DOOR WINDOW SCHEDULE

	SIGN.													
	INITIALS													
	REVISIONS													
	SIGN.													
	INITIALS													
	REVISIONS													
P0	SIGN.	sd/-	sd/-	sd/-								sd/-	sd/-	28-05-2018
	INITIALS	AA	IP	DD								BST	CRI	
ISSUE		DRN	DSN	CHD	CV	EL	IC	ME			PE/PM	APPD	DATE	
					CLEARED									

ISSUED FOR TENDER

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FILE NAME : TCE-10839A-AC-1003-AC-10023-P0

ROURKELA SMART CITY LTD.

ROURKELA SMART CITY LTD

PgMC FOR AREA BASED DEVELOPMENT

BIJU PATNAIK INDOOR STADIUM
GROUND FLOOR PLAN_ANNEXE BUILDING

TATA CONSULTING ENGINEERS LIMITED

SCALE : 1:100
DC & DISC : DEL-AC
DWG NO. TCE-10839A-AC-1003-AC-10023
ISSUE P0

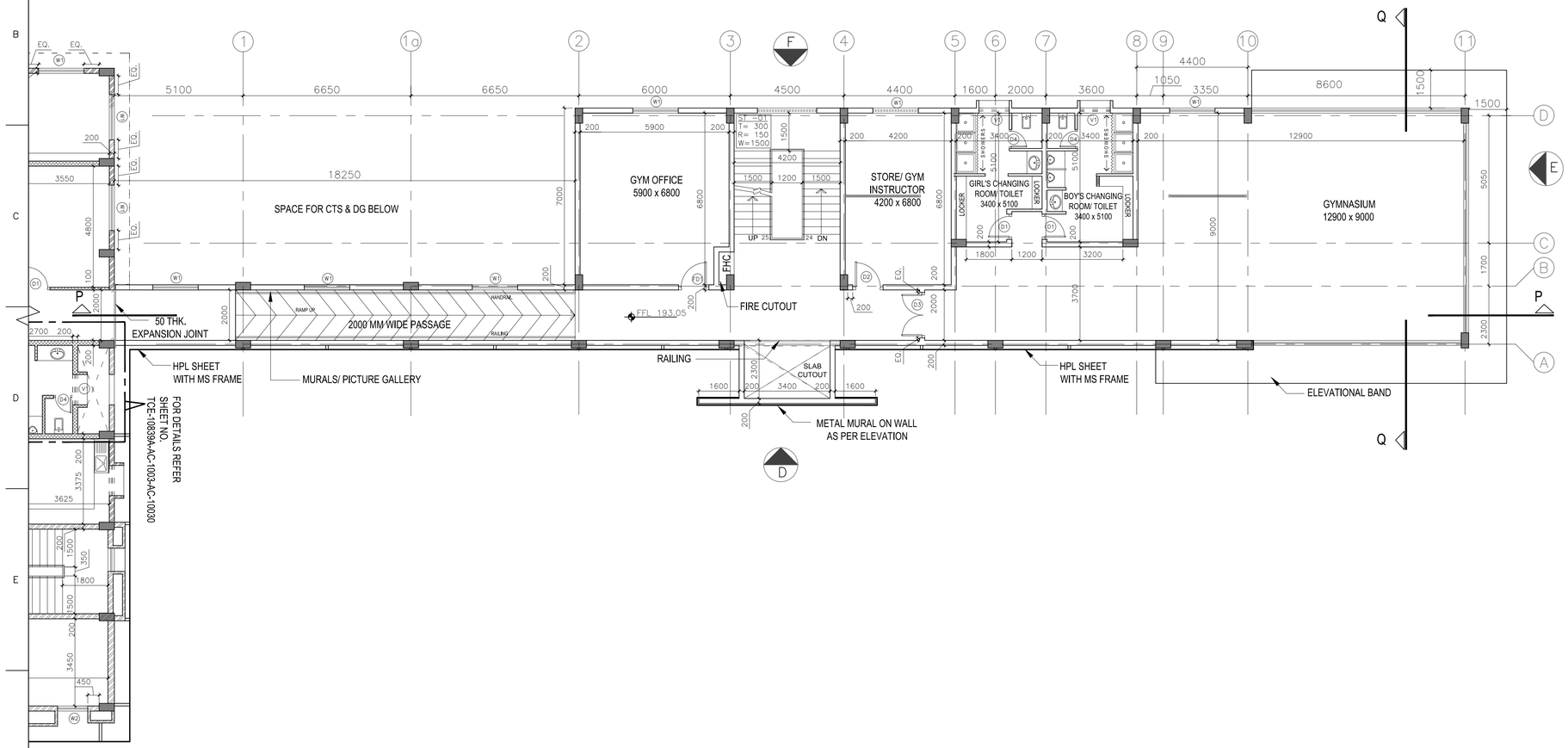
SIZE-A1

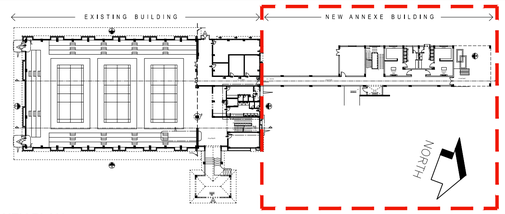
TCE FORM NO. 091 P0

FILE NAME: F-091-Pre-P0.dwg

TITLE: BIJU PATNAIK INDOOR STADIUM
FIRST FLOOR PLAN_ANNEXE BUILDING

DWG NO TCE-10839A-AC-1003-AC-10024





KEY PLAN

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DOOR WINDOW SCHEDULE_FIRST FLOOR

1	First Floor	D1	Girl's/Boys toilet	Wooden Flush door	2	1000 X 2400
2	First Floor	D2	Gym office/ Store/Gym instructor	Wooden Flush door	2	1200 X 2400
3	First Floor	D3	Corridor	Wooden Flush door	1	1800 X 2400
4	First Floor	D4	Toilet	PVC door	2	750 X 2100
5	First Floor	W1	Gym office/ Store/Gym instructor/ Gym	Aluminium sliding window	3	1800 X 1500
6	First Floor	V1	Toilet	Aluminium ventilator	2	1200 X 1200

FIRST FLOOR DOOR WINDOW SCHEDULE

	SIGN.													
	INITIALS													
	REVISIONS													
	SIGN.													
	INITIALS													
	REVISIONS													
P0	SIGN.	sd/-	sd/-	sd/-								sd/-	sd/-	28-05-2018
	INITIALS	AA	IP	DD								BST	CRI	
ISSUE		DRN	DSN	CHD	CV	EL	IC	ME				PE/PM	APPD	DATE
					CLEARED									

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ROURKELA SMART CITY LTD.

ROURKELA SMART CITY LTD

PgMC FOR AREA BASED DEVELOPMENT

BIJU PATNAIK INDOOR STADIUM
FIRST FLOOR PLAN_ANNEXE BUILDING

TATA CONSULTING ENGINEERS LIMITED

SCALE : 1:100

DC & DISC : DEL-AC

DWG. NO. TCE-10839A-AC-1003-AC-10024

ISSUE P0

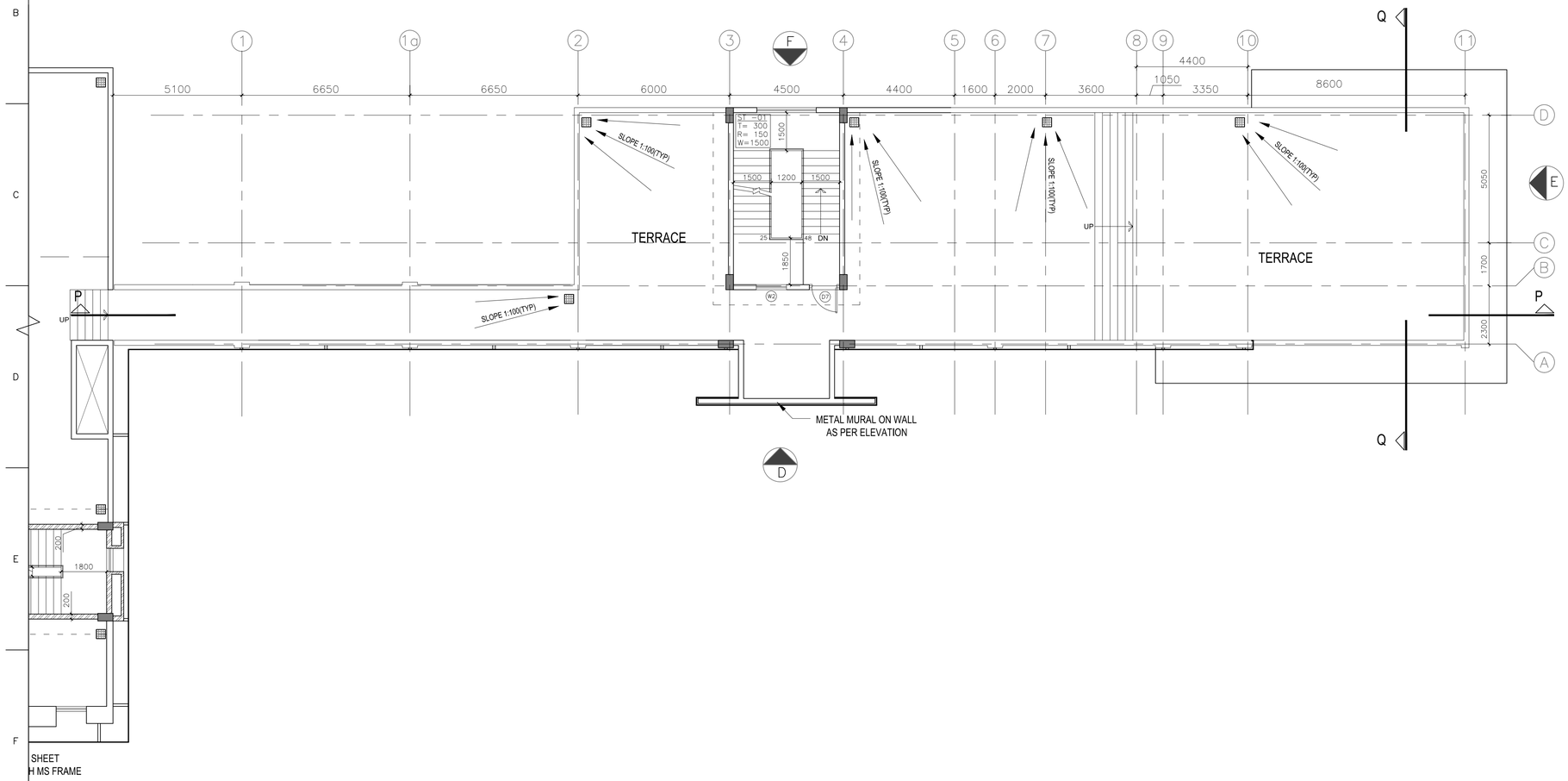
SIZE-A1

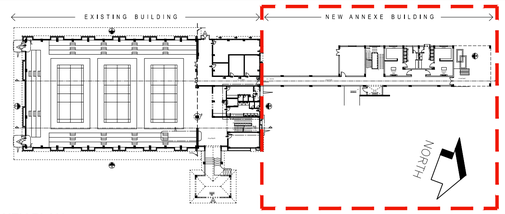
FILE NAME: F-091-Pre-P0.dwg

TCE FORM NO. 091 P0

TITLE: BIJU PATNAIK INDOOR STADIUM
TERRACE PLAN_ANNEXE BUILDING

DWG NO TCE-10839A-AC-1003-AC-10025





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DOOR WINDOW SCHEDULE_TERRACE

1	Terrace	D7	Mumty	MS door	1	1200 X 2400
2	Terrace	W2	Staircase	Aluminium sliding window	1	1200 X 1500

TERRACE DOOR WINDOW SCHEDULE

	SIGN.	—	—	—	—	—	—	—	—	—	—	—	—	
	INITIALS													
	REVISIONS													
	SIGN.	—	—	—	—	—	—	—	—	—	—	—	—	
	INITIALS													
	REVISIONS													
P0	SIGN.	sd/-	sd/-	sd/-	—	—	—	—	—	—	—	sd/-	sd/-	28-05-2018
	INITIALS	AA	IP	DD								BST	CRI	
ISSUE		DRN	DSN	CHD	CV	EL	IC	ME				PE/PM	APPD	DATE
					CLEARED									

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FILE NAME : TCE-10839A-AC-1003-AC-10025-P0

ROURKELA SMART CITY LTD.

ROURKELA SMART CITY LTD

PgMC FOR AREA BASED DEVELOPMENT

BIJU PATNAIK INDOOR STADIUM
TERRACE PLAN_ANNEXE BUILDING

TATA CONSULTING ENGINEERS LIMITED

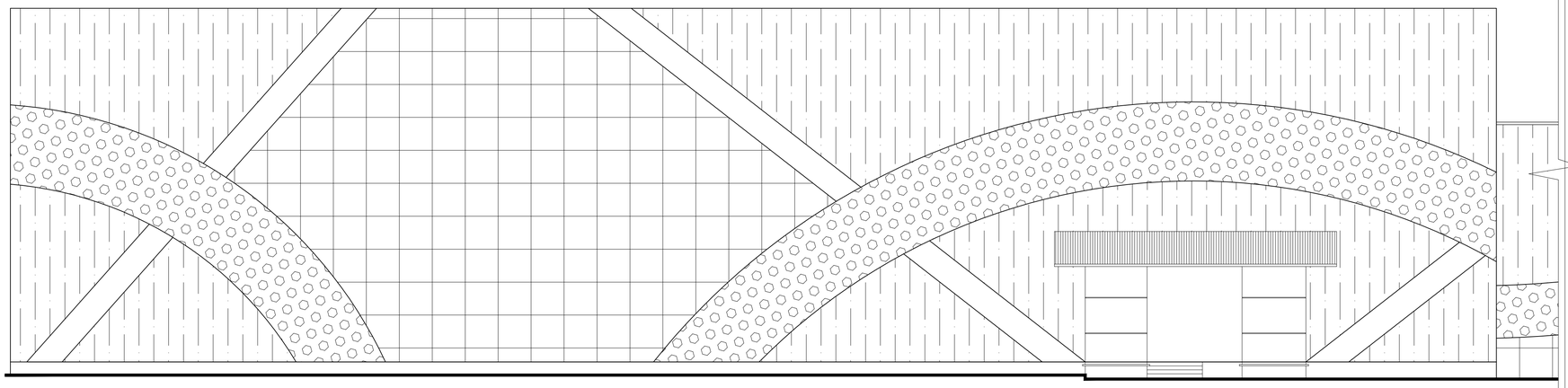
SCALE : 1:100
DC & DISC : DEL-AC
DWG NO. TCE-10839A-AC-1003-AC-10025
ISSUE P0

SIZE-A1

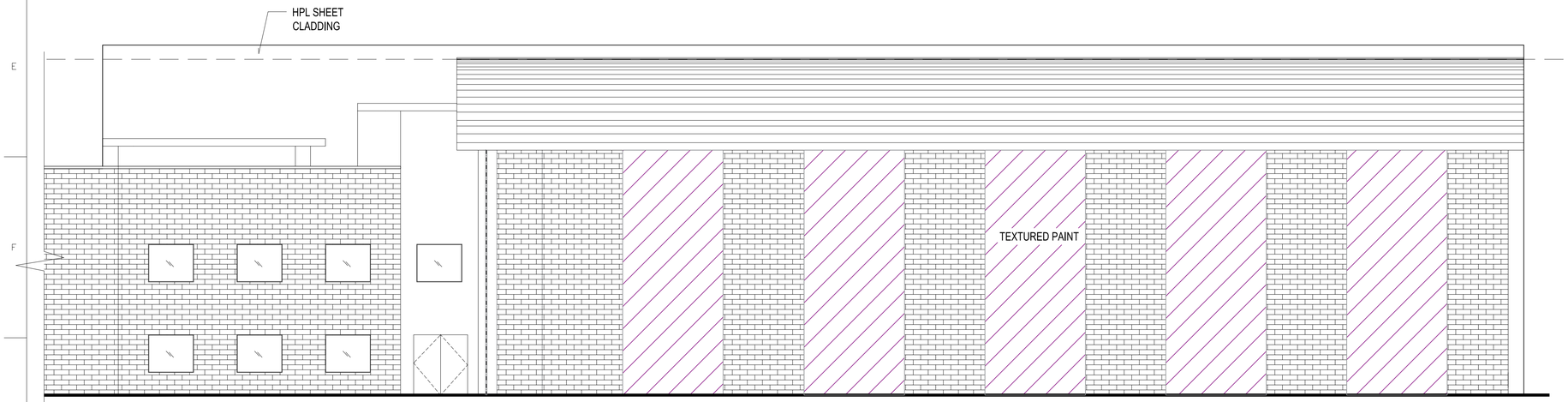
FILE NAME: F-091-Pre-P0.dwg

TCE FORM NO. 091 P0

DWG NO	TITLE:
TCE-10839A-AC-1003-AC-10021	BIJU PATNAIK INDOOR STADIUM ELEVATIONS SHEET 1 OF 2_EXISTING BUILDING



ELEVATION - A



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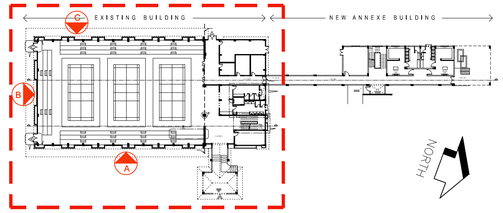

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LEGEND

EXTERNAL GRADE SMOOTH PAINT AS APPROVED

TEXTURED PAINT AS APPROVED

	SIGN.														
	INITIALS														
	REVISIONS														
	SIGN.														
	INITIALS														
	REVISIONS														
P0	SIGN.	sd/-	sd/-	sd/-								sd/-	sd/-	28-05-2018
	INITIALS	AA	IP	DD								BST	CRI	
ISSUE		DRN	DSN	CHD	CV	EL	IC	ME				PE/PM	APPD	DATE
					CLEARED									

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FILE NAME : TCE-10839A-AC-1003-AC-10021-P0

ROURKELA SMART CITY LTD.

ROURKELA SMART CITY LTD

PgMC FOR AREA BASED DEVELOPMENT

BIJU PATNAIK INDOOR STADIUM
ELEVATIONS SHEET 1 OF 2_EXISTING BUILDING

TATA CONSULTING ENGINEERS LIMITED

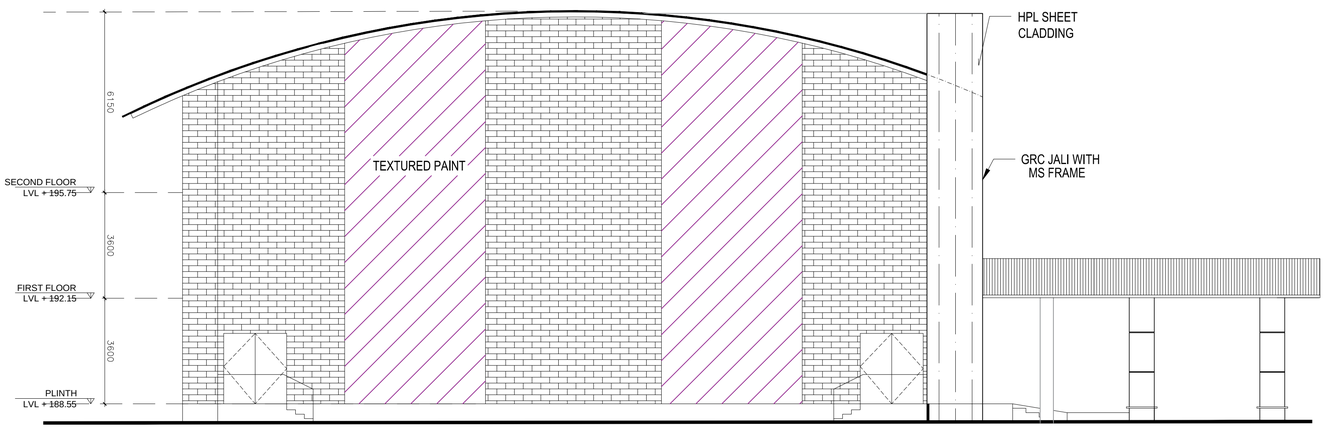
SCALE : 1:100	DWG NO. TCE-10839A-AC-1003-AC-10021	ISSUE P0
DC & DISC: DEL-AC		

SIZE-A1

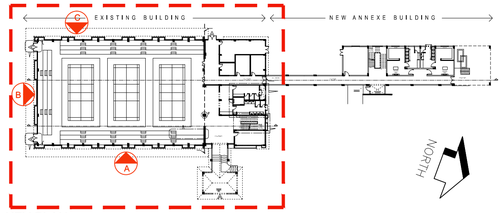
TCE FORM NO. 091 P0

FILE NAME: F-091-Pre-P0.dwg

DWG NO	TITLE:
TCE-10839A-AC-1003-AC-10022	BIJU PATNAIK INDOOR STADIUM ELEVATIONS SHEET 2 OF 2_EXISTING BUILDING



ELEVATION - B



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TEXTURED PAINT AS APPROVED

ISSUE		DRN	DSN	CHD	CV	EL	IC	ME			PE/PM	APPD	DATE
					CLEARED								
P0	SIGN.	sd/-	sd/-	sd/-							sd/-	sd/-	28-05-2018
	INITIALS	AA	IP	DD							BST	CRI	
	SIGN.												
	INITIALS												
	REVISIONS												
	SIGN.												
	INITIALS												
	REVISIONS												

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PgMC FOR AREA BASED DEVELOPMENT

BIJU PATNAIK INDOOR STADIUM
ELEVATIONS SHEET 2 OF 2_EXISTING BUILDING

TATA CONSULTING ENGINEERS LIMITED

SCALE : 1:100

DC & DISC : DEL-AC

DWG NO. TCE-10839A-AC-1003-AC-10022

ISSUE P0

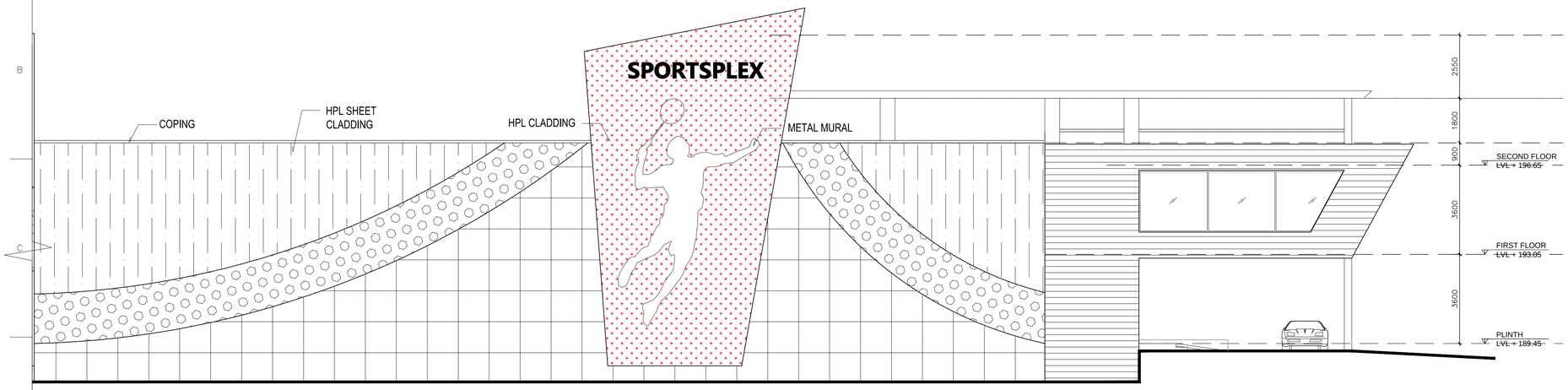
SIZE-A1

FILE NAME: F-091-Pre-P0.dwg

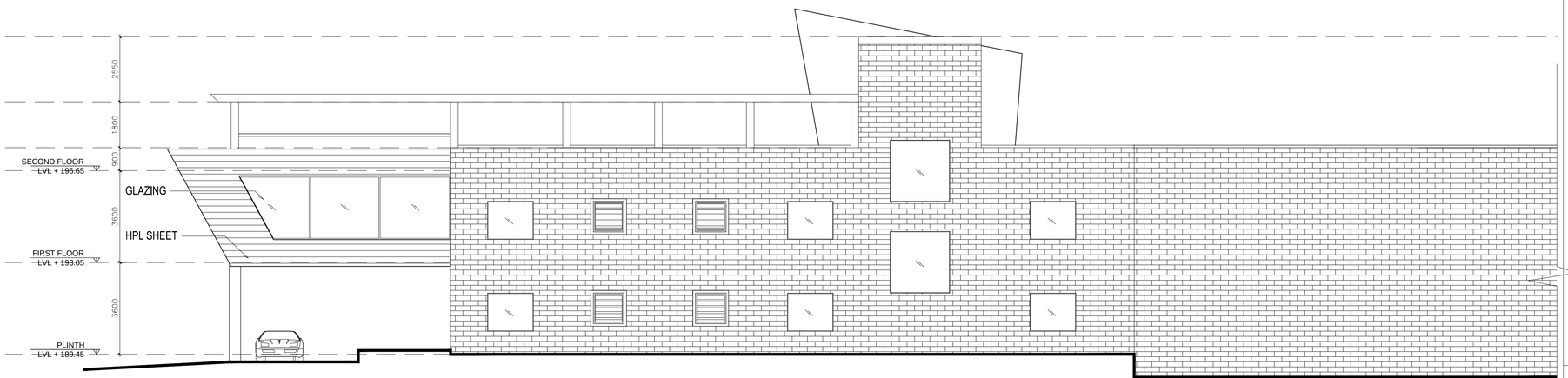
TCE FORM NO. 091 P0

TITLE: BIJU PATNAIK INDOOR STADIUM
ELEVATIONS SHEET 1 OF 2_ANNEXE BUILDING

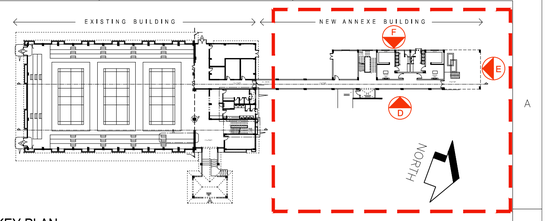
DWG NO TCE-10839A-AC-1003-AC-10027



ELEVATION - D



ELEVATION - F



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16. FOR ALL THE FLOOR CUTOUTS, CIVIL DRAWINGS SHOULD BE FOLLOWED.

LEGEND

EXTERNAL GRADE SMOOTH PAINT AS APPROVED

ISSUE		DRN	DSN	CHD	CV	EL	IC	ME	PE/PM	APPD	DATE
	SIGN.										
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P0	SIGN.	sd/-	sd/-	sd/-					sd/-	sd/-	28-05-2018
	INITIALS	AA	IP	DD					BST	CRI	
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ISSUED FOR TENDER

DO NOT SCALE

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FILE NAME : TCE-10839A-AC-1003-AC-10027-P0

ROURKELA SMART CITY LTD.

ROURKELA SMART CITY LTD

PgMC FOR AREA BASED DEVELOPMENT

BIJU PATNAIK INDOOR STADIUM
ELEVATIONS SHEET 1 OF 2_ANNEXE BUILDING

TATA CONSULTING ENGINEERS LIMITED

SCALE : 1:100 | DWG NO. TCE-10839A-AC-1003-AC-10027 | ISSUE P0

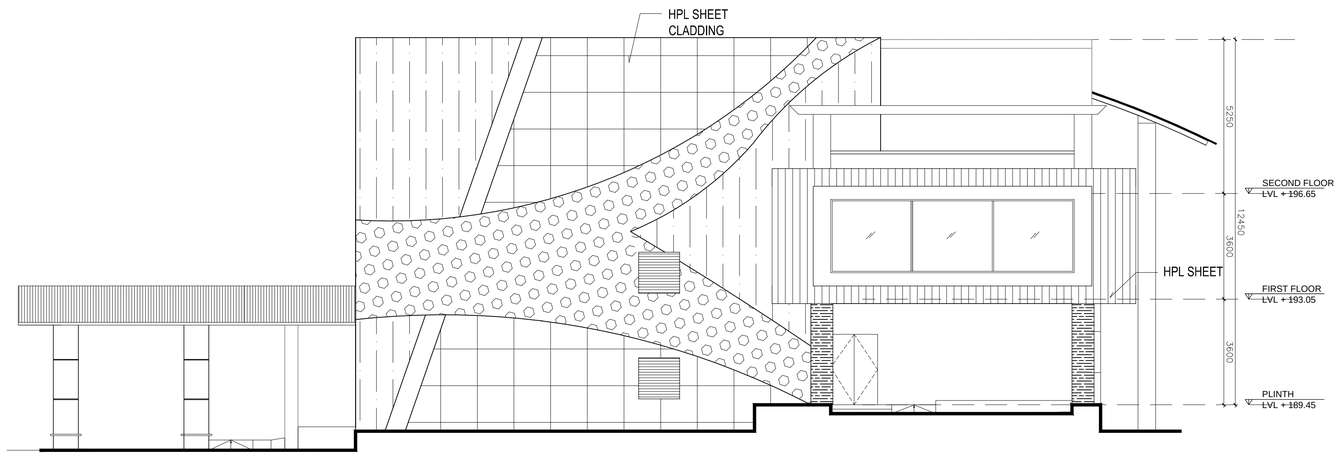
DC & DISC: DEL-AC

SIZE-A1

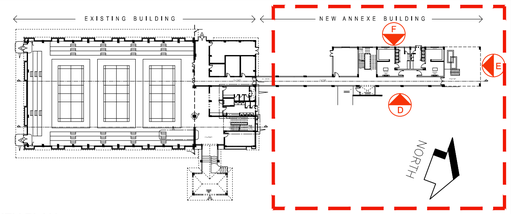
FILE NAME: F-091-Pre-P0.dwg

TCE FORM NO. 091 P0

TITLE:	DWG NO
BIJU PATNAIK INDOOR STADIUM ELEVATIONS SHEET 2 OF 2_ANNEXE BUILDING	TCE-10839A-AC-1003-AC-10028



ELEVATION - E



KEY PLAN

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7. FINISHED FLOOR LEVELS FOR TOILETS TO BE 15MM BELOW GENERAL FINISHED FLOOR LEVEL AND SHALL SLOPE TOWARDS THE FLOOR DRAIN.
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LEGEND

EXTERNAL GRADE SMOOTH
PAINT AS APPROVED

ISSUE		DRN	DSN	CHD	CV	EL	IC	ME	PE/PM	APPD	DATE
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P0	SIGN.	sd/-	sd/-	sd/-					sd/-	sd/-	28-05-2018
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					CLEARED						

ISSUED FOR TENDER

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FILE NAME : TCE-10839A-AC-1003-AC-10028-P0

ROURKELA SMART CITY LTD.

ROURKELA SMART CITY LTD

PgMC FOR AREA BASED DEVELOPMENT

BIJU PATNAIK INDOOR STADIUM
ELEVATIONS SHEET 2 OF 2_ANNEXE BUILDING

TATA CONSULTING ENGINEERS LIMITED

SCALE : 1:100	DWG NO. TCE-10839A-AC-1003-AC-10028	ISSUE P0
DC & DISC: DEL-AC		

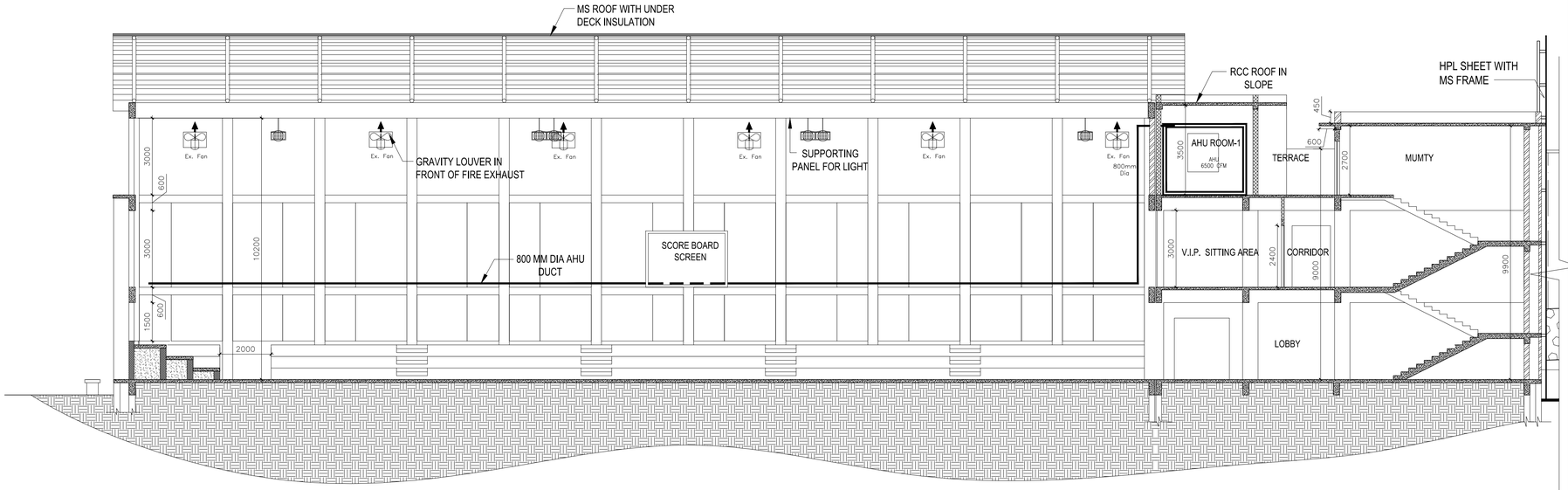
SIZE-A1

TCE FORM NO. 091 P0

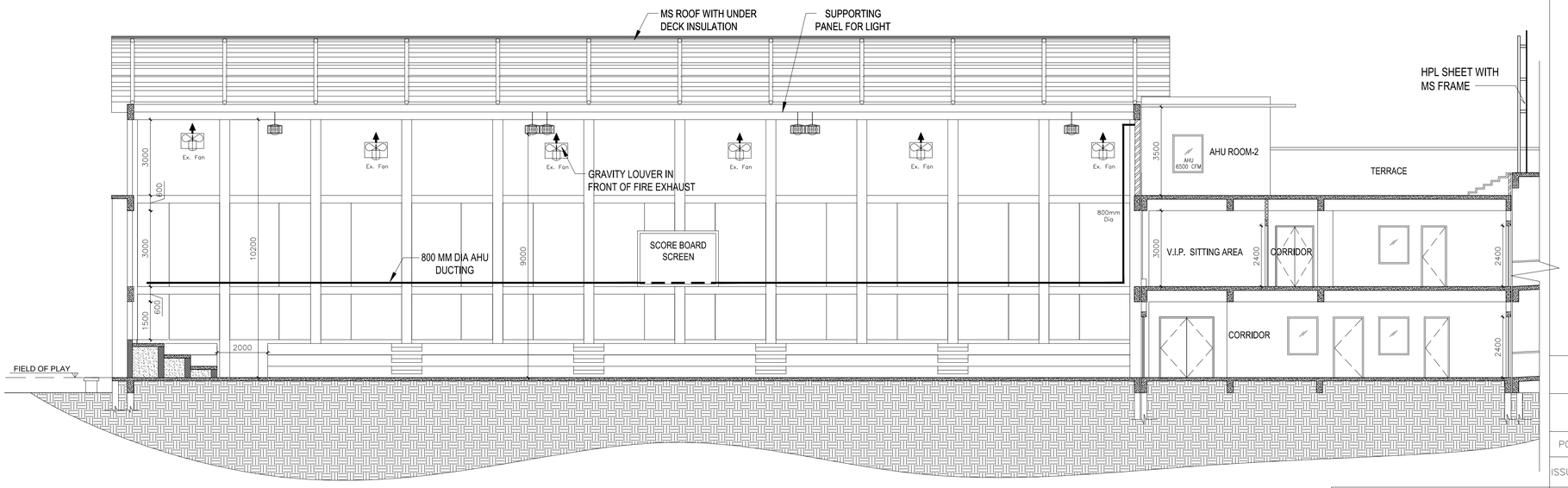
FILE NAME: F-091-Pre-P0.dwg

TITLE: BIJU PATNAIK INDOOR STADIUM
SECTIONS SHEET 1 OF 2_EXISTING BUILDING

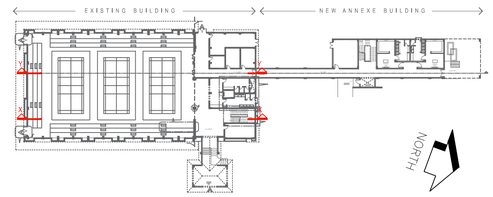
DWG NO TCE-10839A-AC-1003-AC-10019



SECTION X-X



SECTION Y-Y



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FILE NAME : TCE-10839A-AC-1003-AC-10019-P0

ROURKELA SMART CITY LTD.

ROURKELA SMART CITY LTD

PgMC FOR AREA BASED DEVELOPMENT

BIJU PATNAIK INDOOR STADIUM
SECTIONS SHEET 1 OF 2_EXISTING BUILDING

TATA CONSULTING ENGINEERS LIMITED

SCALE : 1:100

DC & DISC: DEL-AC

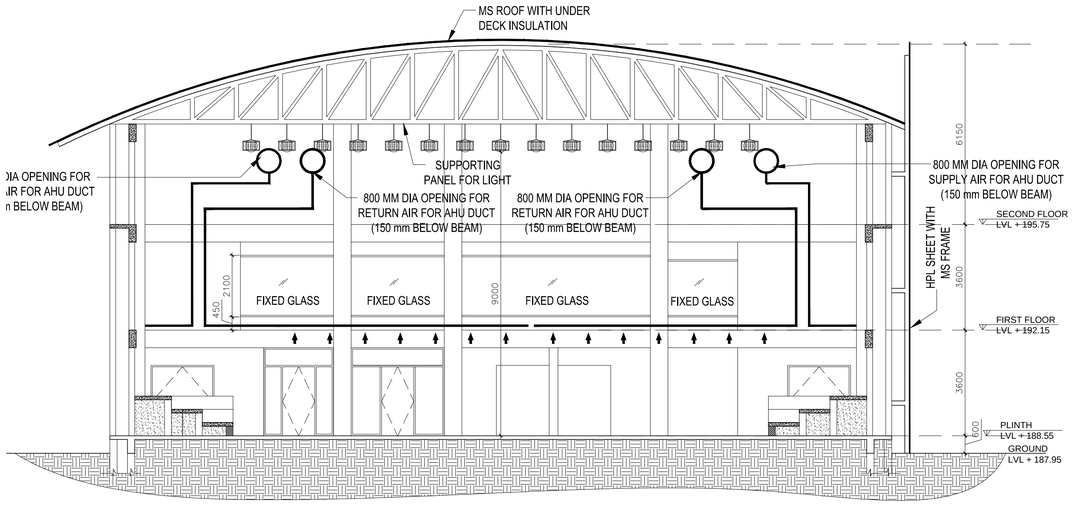
DWG NO. TCE-10839A-AC-1003-AC-10019

ISSUE P0

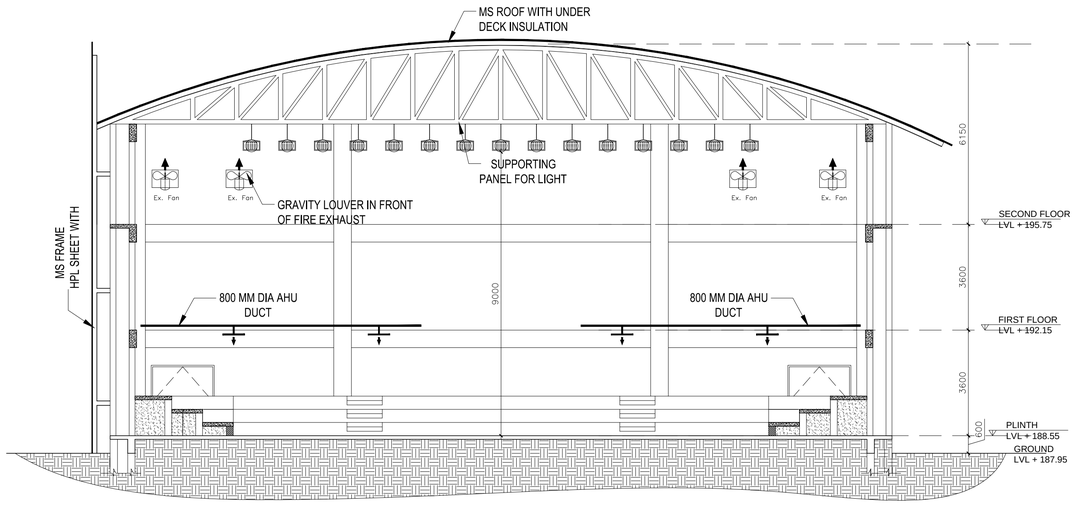
SIZE-A1

FILE NAME: F-091-Pre-P0.dwg

TCE FORM NO. 091 P0



SECTION L-L



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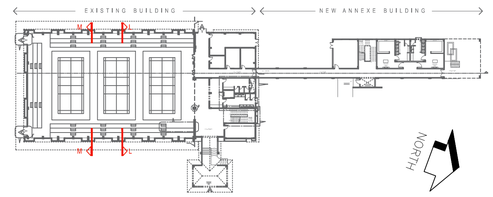

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FILE NAME : TCE-10839A-AC-1003-AC-10020-P0

ROURKELA SMART CITY LTD.

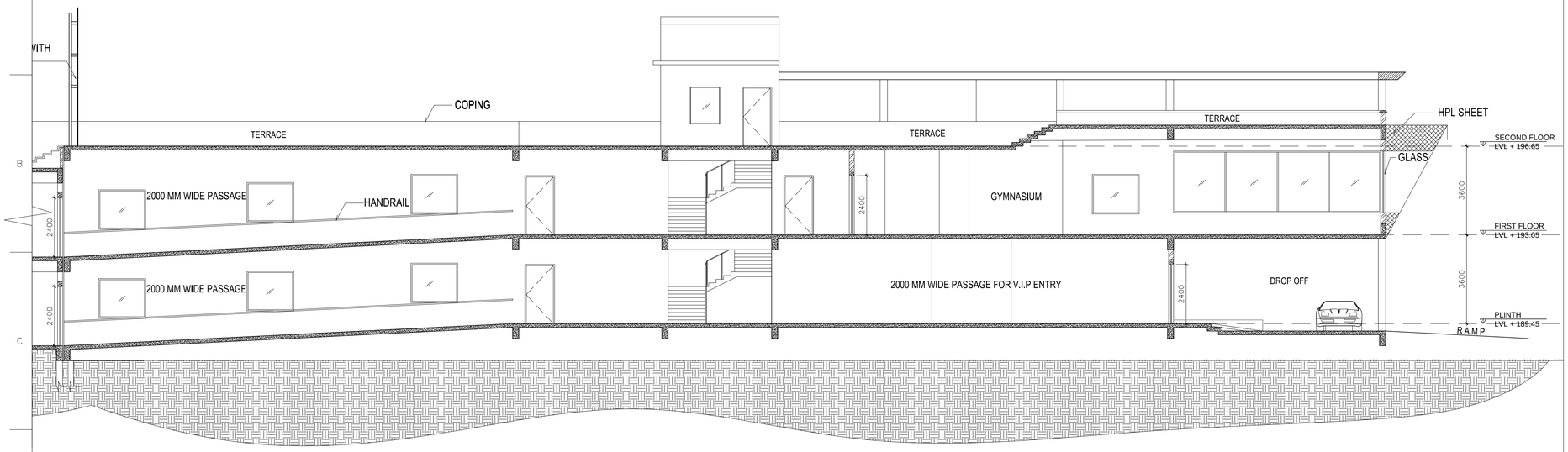
ROURKELA SMART CITY LTD

PgMC FOR AREA BASED DEVELOPMENT

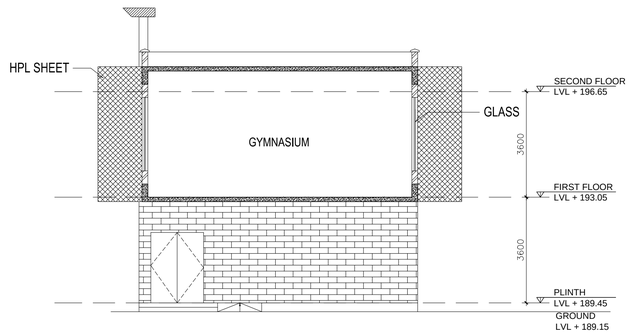
BIJU PATNAIK INDOOR STADIUM
SECTIONS SHEET 2 OF 2_EXISTING BUILDING

TATA CONSULTING ENGINEERS LIMITED

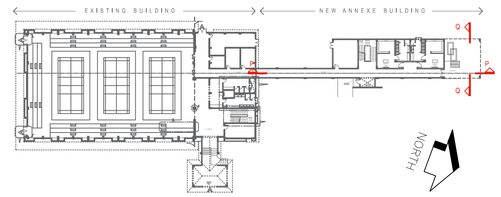
SCALE : 1:100
DC & DISC: DEL-AC
DWG NO. TCE-10839A-AC-1003-AC-10020
ISSUE P0
SIZE-A1



SECTION P-P



SECTION Q-Q



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FILE NAME : TCE-10839A-AC-1003-AC-10026-P0

ROURKELA SMART CITY LTD.

ROURKELA SMART CITY LTD

PgMC FOR AREA BASED DEVELOPMENT

BIJU PATNAIK INDOOR STADIUM
SECTIONS_ANNEXE BUILDING

TATA CONSULTING ENGINEERS LIMITED

SCALE : 1:100

DC & DISC: DEL-AC

DWG NO. TCE-10839A-AC-1003-AC-10026

ISSUE P0

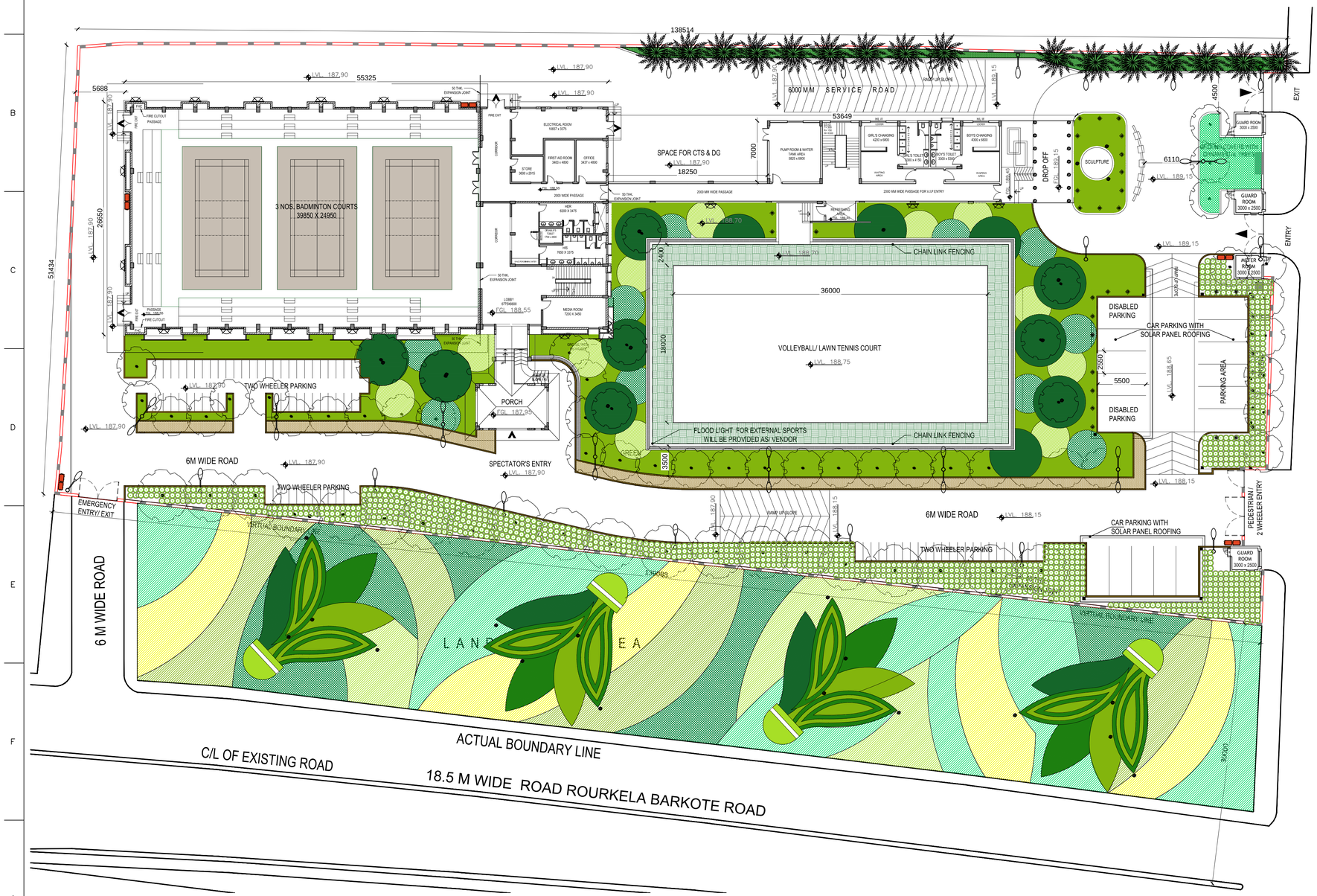
SIZE-A1

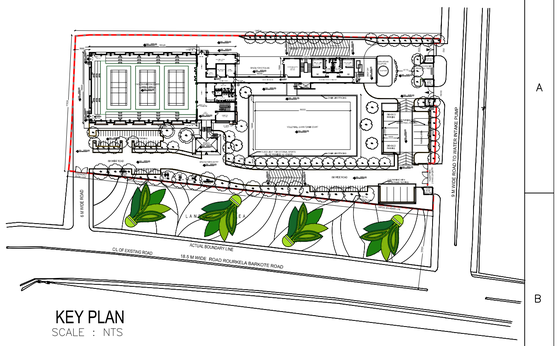
FILE NAME: F-091-Pre-P0.dwg

TCE FORM NO. 091 P0

TITLE: BIJU PATNAIK INDOOR STADIUM
SITE PLAN

DWG NO TCE-10839A-AC-1003-MP-10011





KEY PLAN
SCALE : NTS

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	REVISIONS												
P0	SIGN.	sd/-	sd/-	sd/-						sd/-	sd/-	28.05.2018	
	INITIALS	VVD	MSN	DD						BST	CRI		
ISSUE		DRN	DSN	CHD	CV	EL	IC	ME		PE/PM	APPD	DATE	
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ISSUED FOR TENDER

DO NOT SCALE

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FILE NAME : TCE-10839A-AC-1003-MP-10011-P0

ROURKELA SMART CITY LTD.

ROURKELA SMART CITY LTD
PDMC FOR AREA BASED DEVELOPMENT

BIJU PATNAIK INDOOR STADIUM
SITE PLAN

TATA CONSULTING ENGINEERS LIMITED

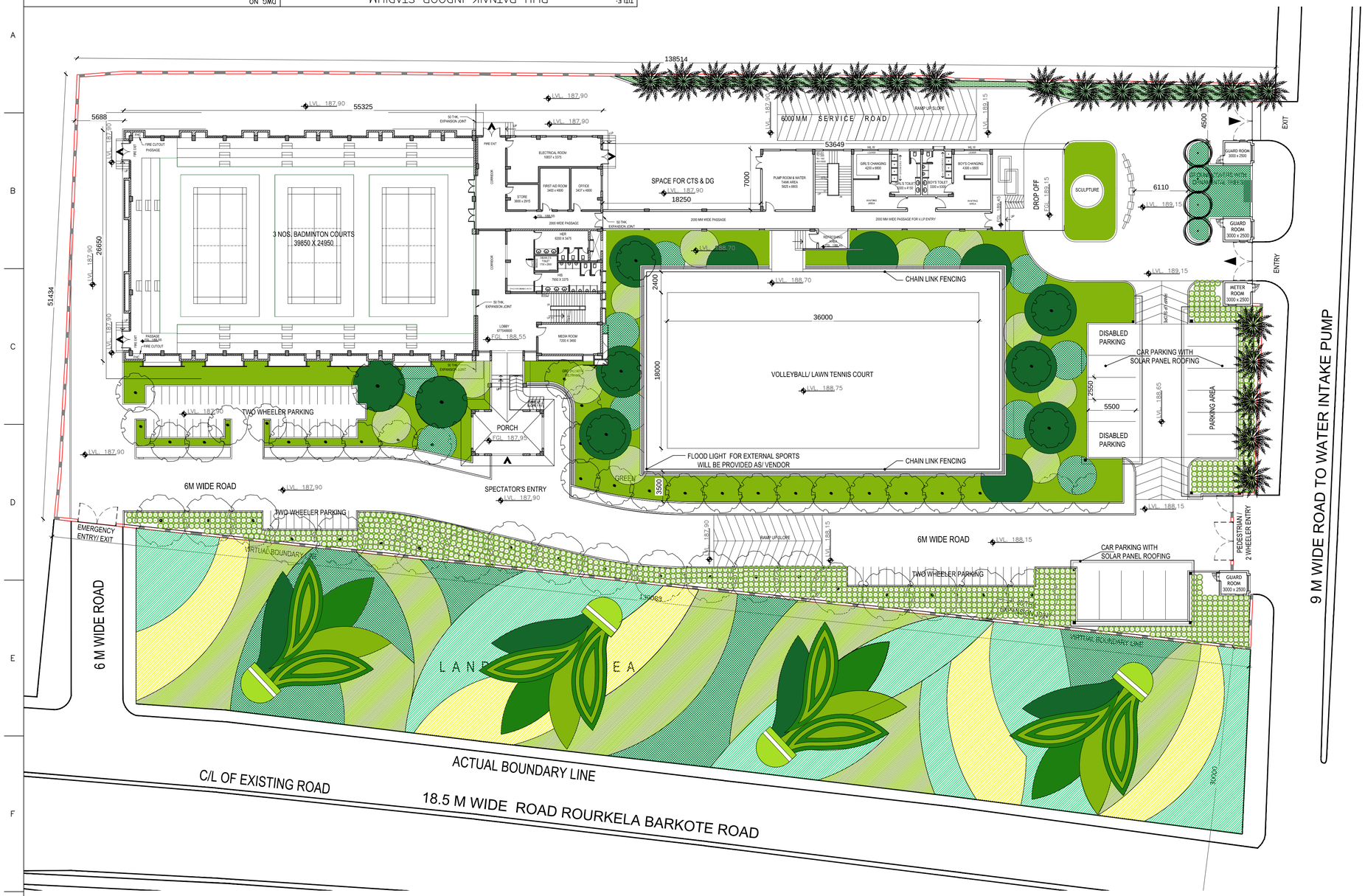
SCALE : 1:250
DC & DISC: DEL-AC
DWG NO. TCE-10839A-AC-1003-MP-10011
ISSUE P0
SIZE-A1

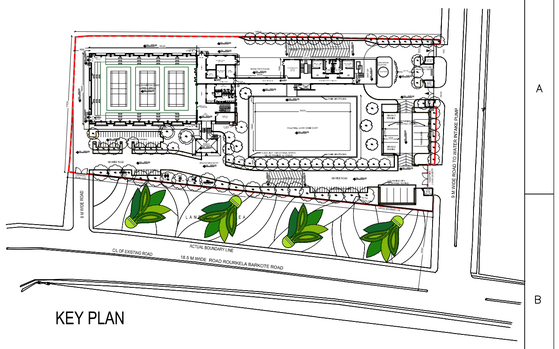
FILE NAME: F-091-Pre-P0.dwg

TCE FORM NO. 091 P0

TITLE: BIJU PATNAIK INDOOR STADIUM
PROPOSED SOFTSCAPE LAYOUT

DWG NO TCE-10839A-AC-1003-MP-10013





NOTES:

1. REFER GENERAL NOTES DRAWING NO. TCE.-10839A-AC-1003-MP-10011

LEGEND- Trees, Shrubs, Groundcovers & Lawn Species

Sr. No.	Symbol	Name	Quantity	Sr. No.	Symbol	Name	Quantity
1.		Cynodon dactylon/ Doob grass (Planted @ 0.05 M c/c)	880 SqM	6.		Zoysia matrella/Korean grass (Planted @ 0.025 M c/c)	645 SqM
2.		Lantana Yellow (Planted @ 0.30 M c/c)	435 SqM	7.		Bougainvillea glabra (Planted @ 0.60 M c/c)(To be planted and maintained as 1.0 m tall hedge)	140 NOS.
3.		Wedelia trilobata (Planted @ 0.30 M c/c)	625 SqM	8.		Roystonea regia (Planted @ 4.0 M c/c)	21 NOS.
4.		Golden Duranta (Planted @ 0.30 M c/c)	750 SqM	9.		Plumeria alba (Planted @ 3.0 M c/c)	4 NOS.
5.		Duranta varigated (Planted @ 0.30 M c/c)	475 SqM	10.		Mesua ferrea (Planted @ 6.0 M c/c)	75 NOS.

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ISSUE		DRN	DSN	CHD	CV	EL	IC	ME		PE/PM	APPD	DATE
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FILE NAME : TCE-10839A-AC-1003-MP-10013-P0

ROURKELA SMART CITY LTD.

ROURKELA SMART CITY LTD

PDMC FOR AREA BASED DEVELOPMENT

BIJU PATNAIK INDOOR STADIUM
PROPOSED SOFTSCAPE LAYOUT

TATA CONSULTING ENGINEERS LIMITED

SCALE : 1:250

DC & DISC : DEL-AC

DWG NO. TCE-10839A-AC-1003-MP-10013

ISSUE P0

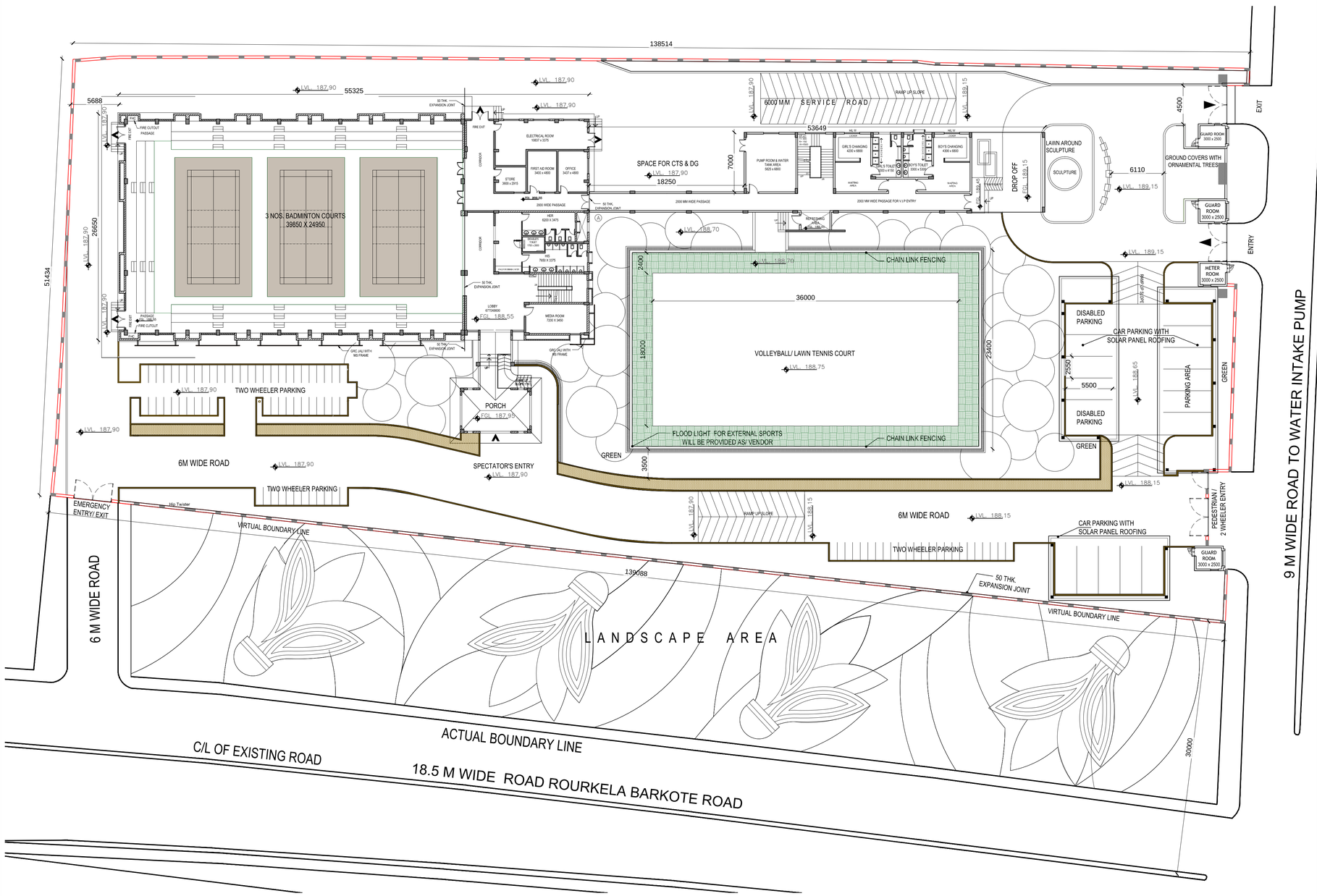
SIZE-A1

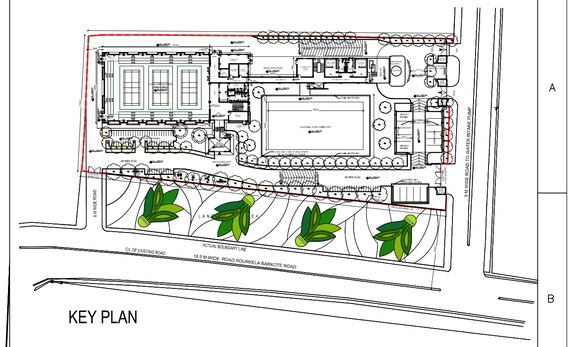
TCE FORM NO. 091 P0

FILE NAME: F-091-Pre-P0.dwg

TITLE: BIJU PATNAIK INDOOR STADIUM
PROPOSED HARD SCAPE LAYOUT

DWG NO TCE-10839A-AC-1003-MP-10014





KEY PLAN

NOTES:

1. REFER GENERAL NOTES DRAWING NO. TCE.-10839A-AC-1003-MP-10011

LEGEND- Hardscape Finishes

Sr. No.	Symbol	Name	Quantity
1.		Heavy Duty Interlocking pavers for Pathway (Colour: Brown) (60 mm THK)	131 SqM
2.		Grass Pavers (Precast paver block with 50% grass area) (Size: 450mmX450mmX60mm)	282 SqM
3.		8 Layer Acrylic Cushion System flooring for Badminton court	474 SqM
4.		Cast in-situ concrete Kerb stone (Size: 150mm X 300mm)	553 RMT

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FILE NAME : TCE-10839A-AC-1003-MP-10014-P0

ROURKELA SMART CITY LTD

PDMC FOR AREA BASED DEVELOPMENT

BIJU PATNAIK INDOOR STADIUM
PROPOSED HARD SCAPE LAYOUT

TATA CONSULTING ENGINEERS LIMITED

SCALE : 1:250 | DWG NO. TCE-10839A-AC-1003-MP-10014 | ISSUE P0

DC & DISC : DEL-AC

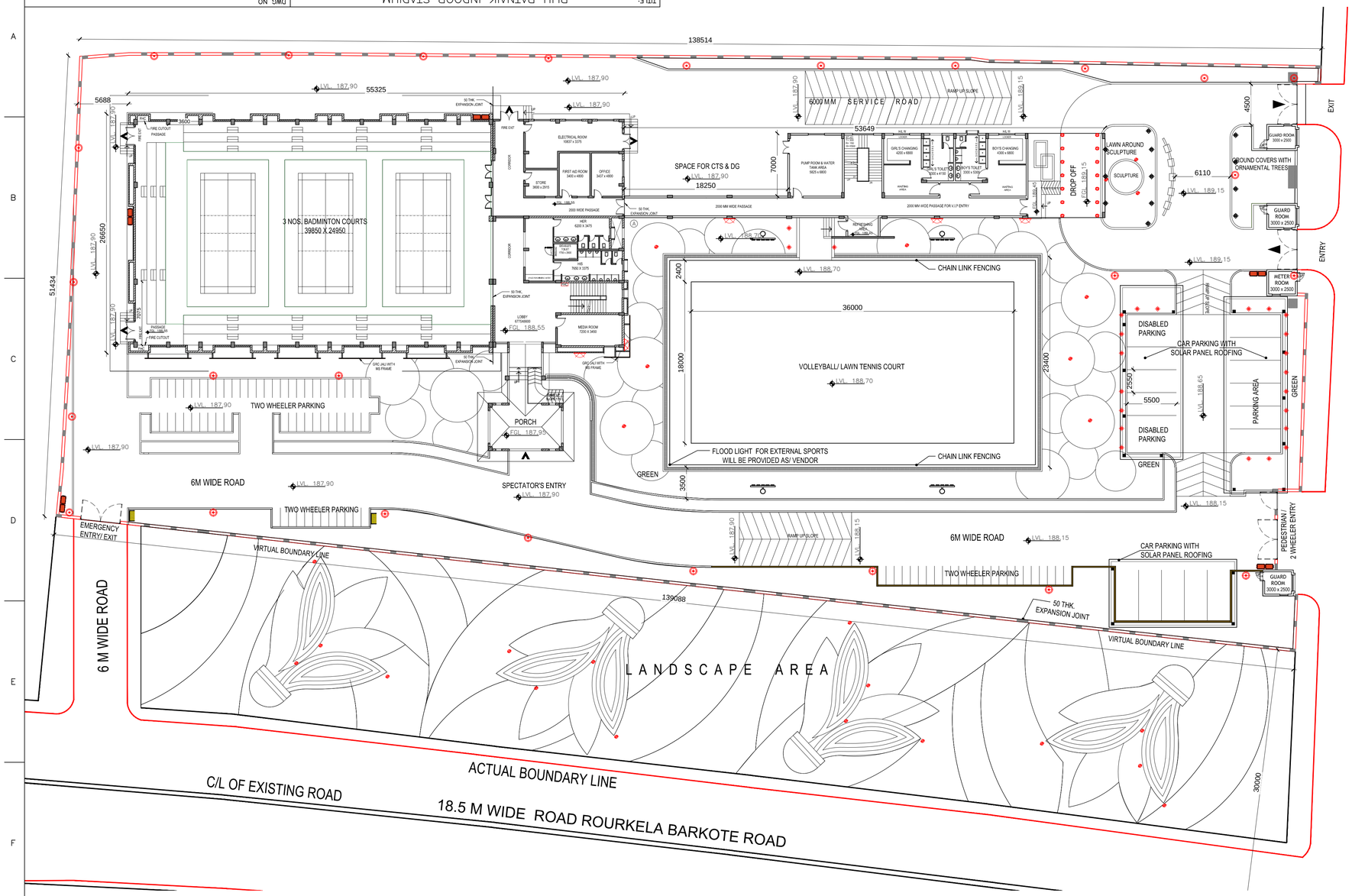
SIZE-A1

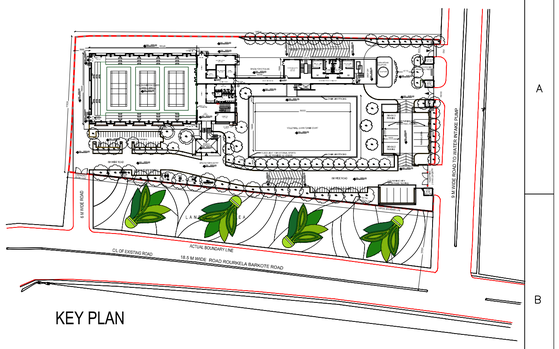
TCE FORM NO. 091 P0

FILE NAME: F-091-Pre-P0.dwg

TITLE: BIJU PATNAIK INDOOR STADIUM
PROPOSED LIGHTING LAYOUT

DWG NO TCE-10839A-AC-1003-MP-10015





NOTES:

1. REFER GENERAL NOTES DRAWING NO. TCE.-10839A-AC-1003-MP-10011

LEGEND- Lighting Fixture

Sr.NO.	SYMBOL	DESCRIPTION	c/c DISTANCE	NO.S
1.		PHILIPS BVP410 LED 210 CWHE NB FG S3 XT Narrow Beam /5700	20 M	5 X 4
2.		Philips BGP161 LED2300/WW PSU 220-240V 7043 IN LED Post Top suitable for mounting at 4.5mtr Pole.		15
3.		Elec - solar POST (HT.- 4.5 M) BGP161 LED2300/WW PSU 220-240V 7043 GM	--	11
4.		TREE UP-LIGHTER WITH ANGLE ADJUSTMENT AND SPIKE	--	26
5.		BOLLARD LIGHT (HT. 1.0 M)	--	36
6.		DRIVE-OVER UP-LIGHTERS	--	14
7.		FRP DUSTBIN WITH WET & DRY WASTE COMPARTMENT	--	5
8.		BUILDING UP-LIGHTER	--	18

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P0	SIGN.	sd/-	sd/-	sd/-						sd/-	sd/-	28.05.2018
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FILE NAME : TCE-10839A-AC-1003-MP-10015-P0

ROURKELA SMART CITY LTD.

ROURKELA SMART CITY LTD

PDMC FOR AREA BASED DEVELOPMENT

BIJU PATNAIK INDOOR STADIUM
PROPOSED LIGHTING LAYOUT

TATA CONSULTING ENGINEERS LIMITED

SCALE : 1:250

DC & DISC: DEL-AC

DWG. NO. TCE-10839A-AC-1003-MP-10015

ISSUE P0

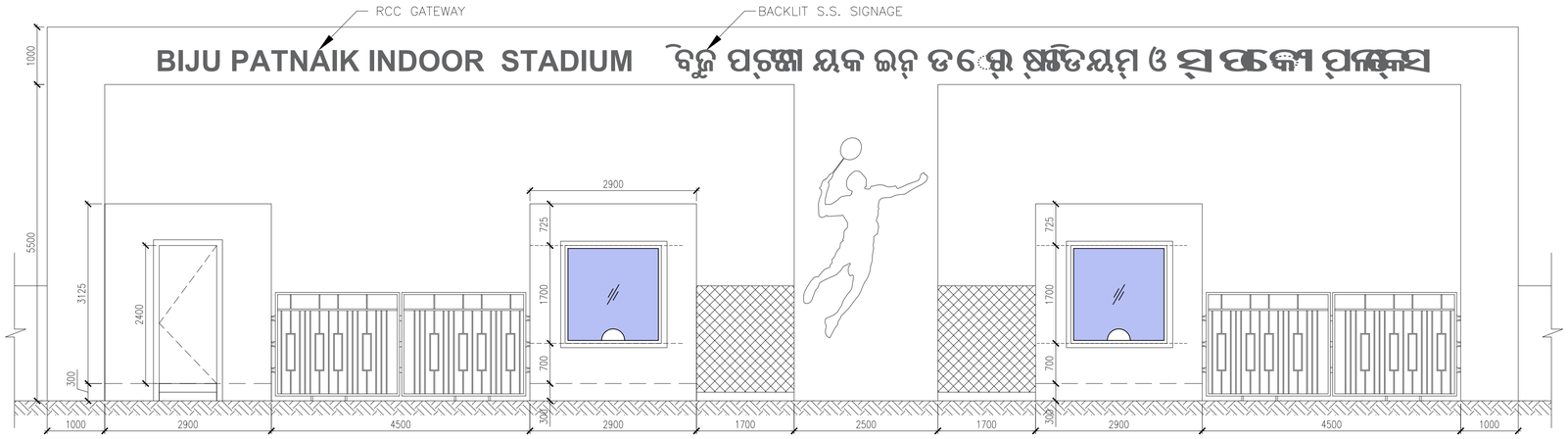
SIZE-A1

FILE NAME: F-091-Pre-P0.dwg

TCE FORM NO. 091 P0

TITLE: BIJU PATNAIK INDOOR STADIUM
DETAIL OF GATES

DWG NO TCE-10839A-AC-1003-MP-10012



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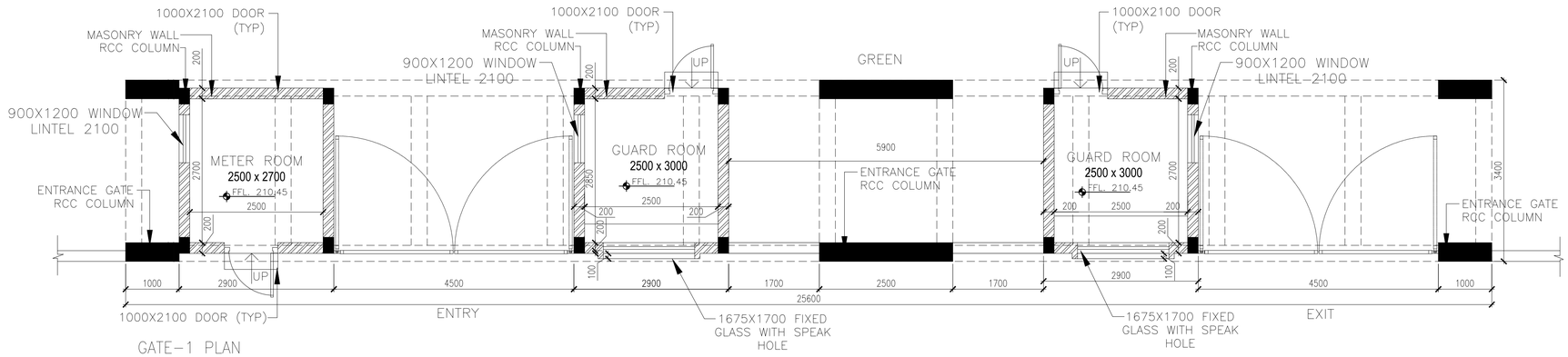
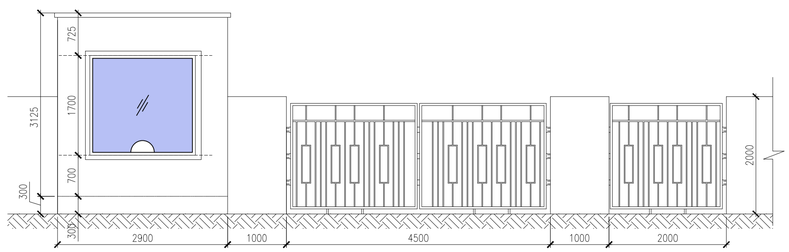


GATE-1 PLAN



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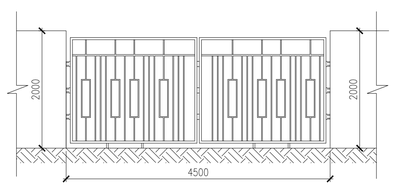

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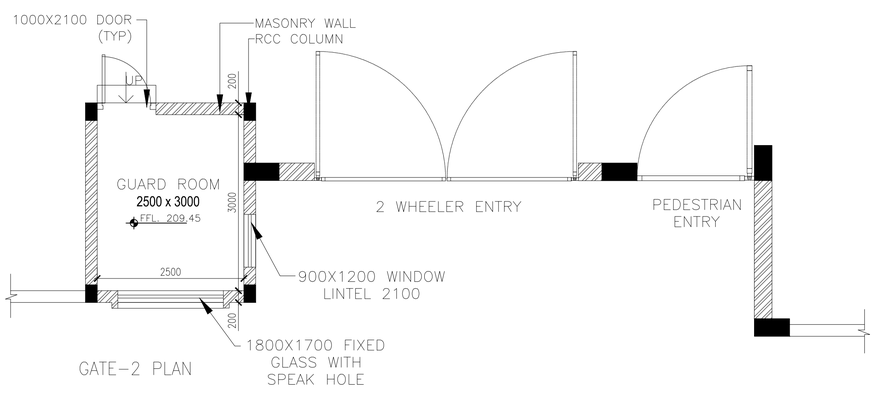
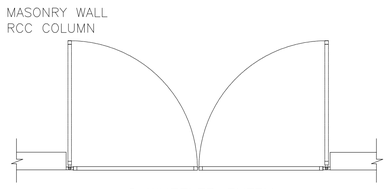
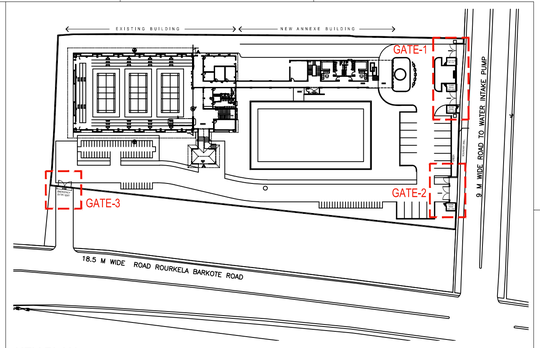


GATE-2 PLAN



GATE-3 PLAN



KEY PLAN

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FILE NAME : TCE-10839A-AC-1003-MP-10012-P0

ROURKELA SMART CITY LTD.

ROURKELA SMART CITY LTD.

PgMC FOR AREA BASED DEVELOPMENT

BIJU PATNAIK INDOOR STADIUM
DETAIL OF GATES

TATA CONSULTING ENGINEERS LIMITED

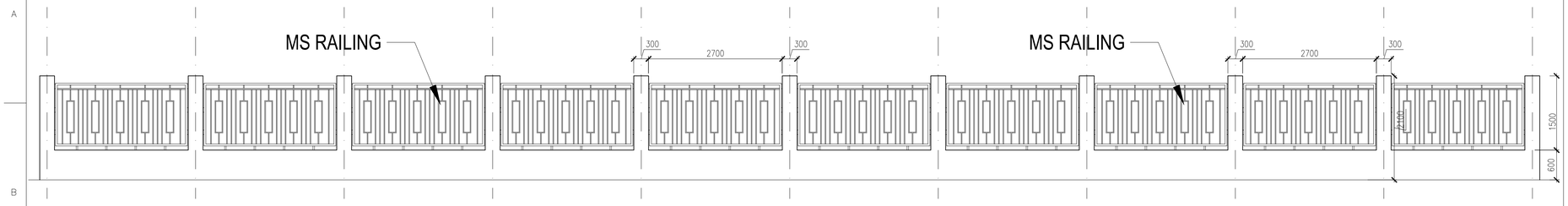
SCALE : 1:50
DC & DISC : DEL-AC
DWG NO. TCE-10839A-AC-1003-MP-10012
ISSUE P0
SIZE-A1

FILE NAME: F-091-Pre-P0.dwg

TCE FORM NO. 091 P0

TITLE: BIJU PATNAIK INDOOR STADIUM
BOUNDARY WALL DETAIL

DWG NO TCE-10839A-AC-1003-MP-10013



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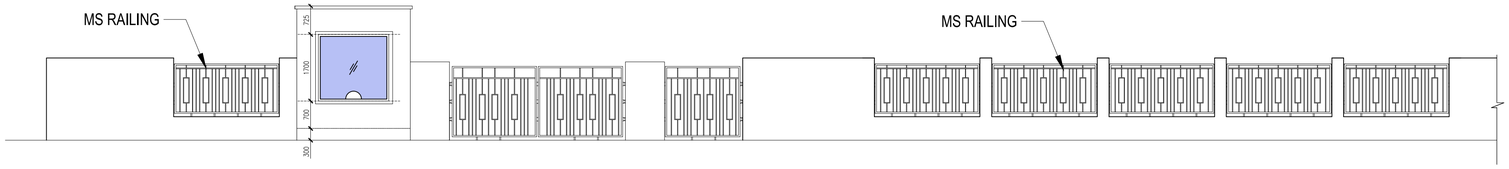

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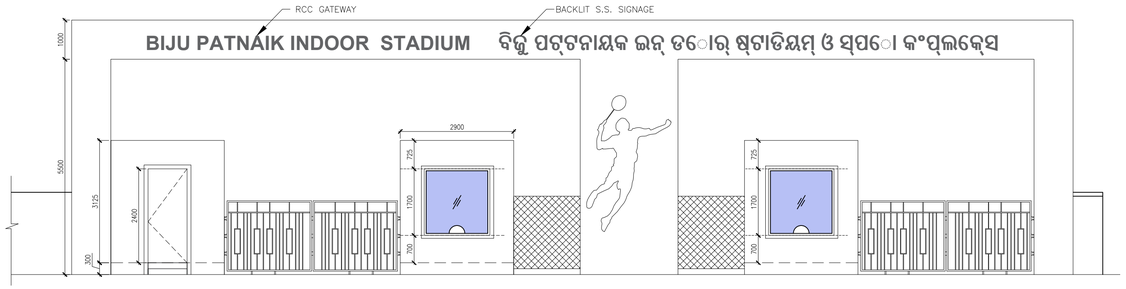
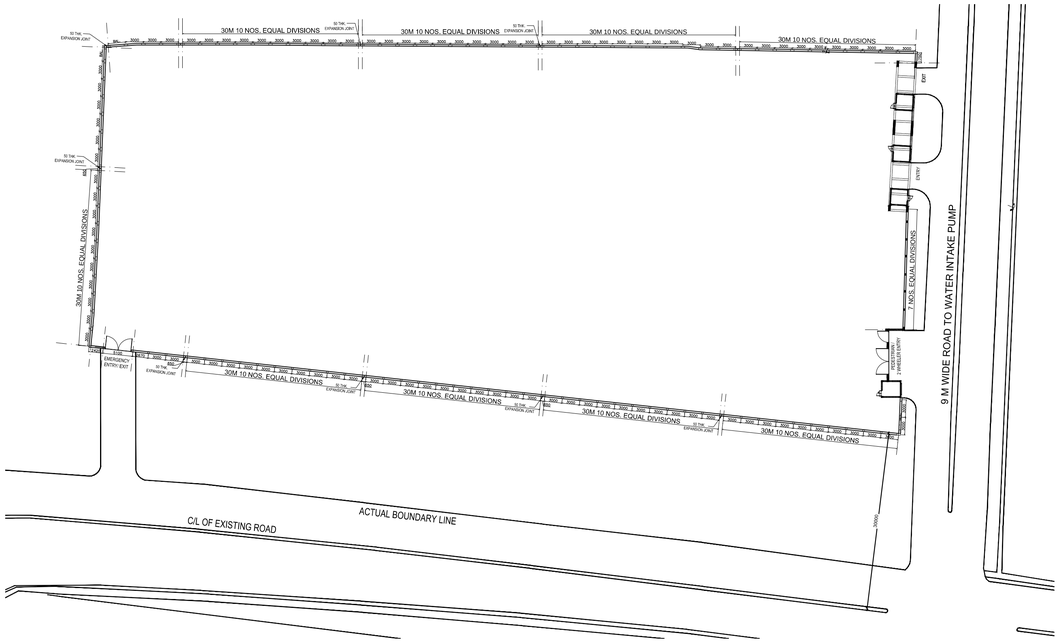
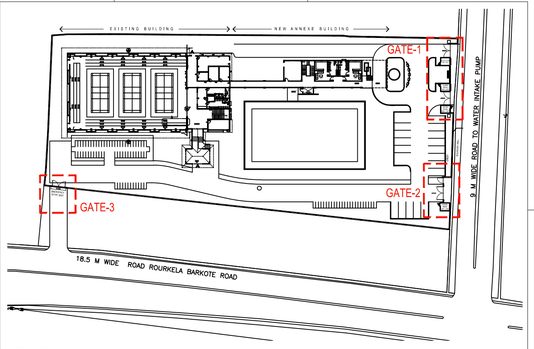


FRONT ELEVATION (SCALE 1:50)



KEY PLAN (SCALE 1:500)



KEY PLAN

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ROURKELA SMART CITY LTD.

ROURKELA SMART CITY LTD

PgMC FOR AREA BASED DEVELOPMENT

BIJU PATNAIK INDOOR STADIUM
BOUNDARY WALL DETAIL

TATA CONSULTING ENGINEERS LIMITED

SCALE : 1:50

DC & DISC : DEL-AC

DWG NO. TCE-10839A-AC-1003-MP-10013

ISSUE P0

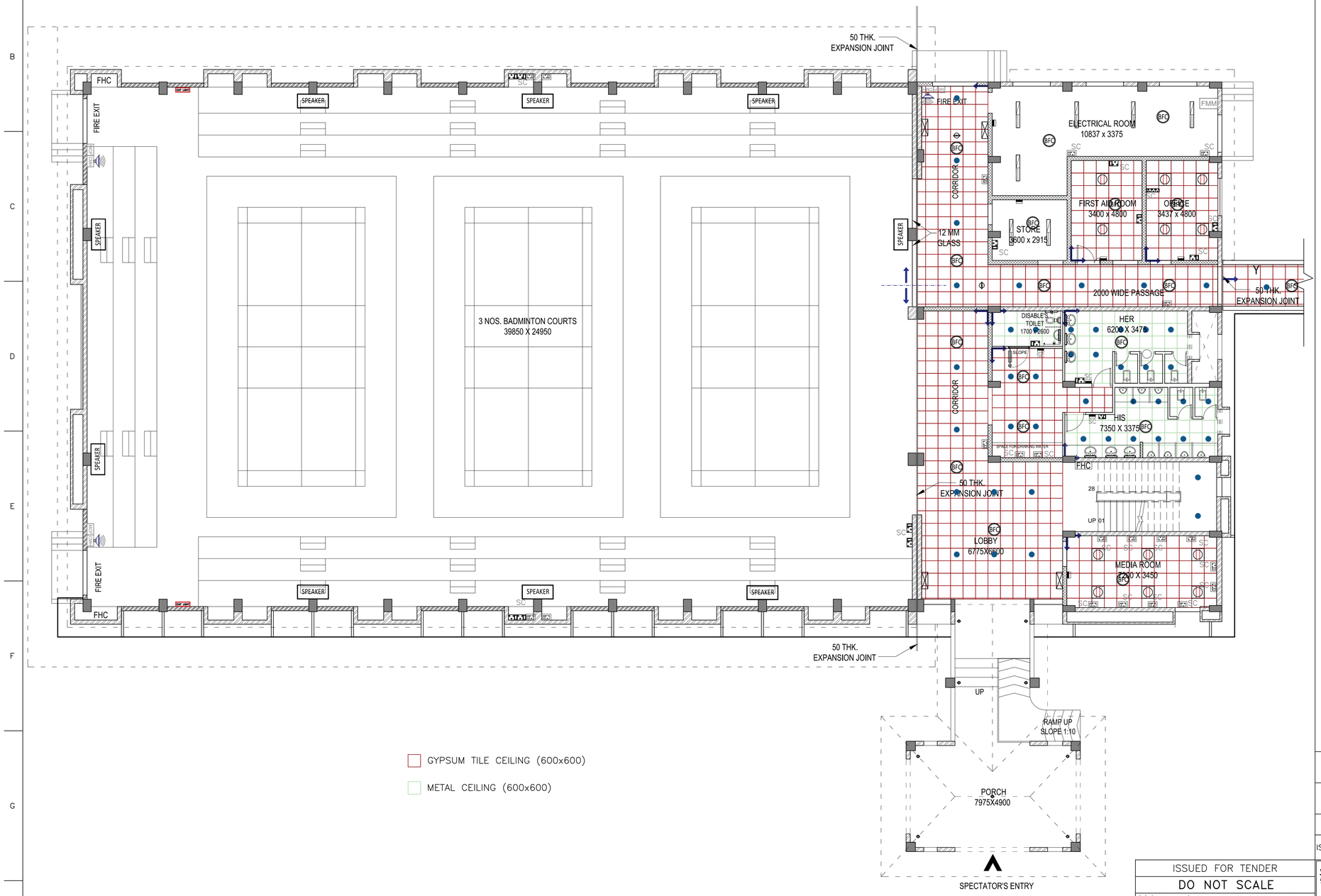
SIZE-A1

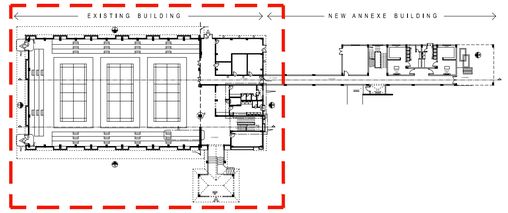
TCE FORM NO. 091 P0

FILE NAME: F-091-Pre-P0.dwg

TITLE: BIJU PATNAIK INDOOR STADIUM
GROUND FLOOR COORDINATED RCP
EXISTING BUILDING(SHEET 1 OF 2)

DWG NO TCE-10839A-AC-1003-IW-10031





KEY PLAN

LEGEND

S.No.	DESCRIPTION	SYMBOL	QUANTITY
1	480W – LED SPORTS LUMINAIRE(PHILIPS BVP621 OR EQUIVALENT)		--
2	40W – LED SURFACE MOUNTED BATTEN (PHILIPS BN108C OR EQUIVALENT)		07 NOS
3	36W – LED RECESSED MOUNTED PANEL(PHILIPS RC420B OR EQUIVALENT)		12 NOS
4	12W – LED SPOT LIGHT (PHILIPS 59107/31/83 OR EQUIVALENT)		--
5	15W – LED RECESSED MOUNTED DOWNLIGHTER (PHILIPS DN 194B OR EQUIVALENT)		45 NOS
6	42W – LED TRACK LIGHT (PHILIPS ST271T OR EQUIVALENT)		09 NOS
7	6W – MIRROR LIGHT		07 NOS
8	EMERGENCY LIGHT	EXIT LIGHT	04 NOS
9	6/16A–5 PIN COMBINED SOCKET (3 MODULE) CONTROLLED BY 16A SWITCH		21 NOS
10	6A–3 PIN COMBINED SOCKET (3 MODULE) CONTROLLED BY 6A SWITCH		14 NOS
11	SWITCH BOARD (SB)		08 NOS
12	3NO. 5A SOCKET AND 1 NO. 16A SWITCH BOARD		01 NOS

LEGENDS:–

SR.NO.	SYMBOL	DISCRIPTION
1		MULTI SENSOR DETECTOR
2		MANUAL CALL POINT
3		CONTROL MODULE FOR HOOTER
4		HOOTER CUM STROBE
5		RELAY MODULE
6		MONITOR MODULE
7	B	BEAM DETECTOR TRANSMITTER
8	R	BEAM RECEIVER PLATE
9	SPEAKER	SPEAKER
10	55" LED	55" LED (CEILING HUNG)

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES AND ELEVATIONS IN METRES UNLESS OTHERWISE NOTED.
2. ALL DECORATIVE RECEPTACLES, LIGHTING PANEL & SWITCHBOARDS SHALL BE COLUMN/ WALL MOUNTED AT 1200MM HEIGHT FROM FFL.
3. ALL LIGHTING PANEL, DECORATIVE RECEPTACLE & SWITCH BOARD SHALL BE FLUSHED (CONCEALED) WITH WALL.
4. ALL LIGHTING PANELS SHALL HAVE 'TOP' CABLE ENTRY FOR INCOMING & OUTGOING CONDUITS.
5. OUTDOOR LIGHTING LUMINAIRE SHALL DISTRIBUTED FROM OUTDOOR LIGHTING DISTRIBUTION BOARD.
6. ALL THE DB LOCATIONS HAVE TO CONFIRMED BY THE CONTRACTOR.
7. ONLY LUMINARIE FIXTURES WILL BE SUPPLIED BY THE NEW CONTRACTOR, OTHER ELECTRICAL WORKS LIKE WIRING, CONDUITING, POWER SOCKETS, DB, SWITCHBOARDS ETC. WILL BE DONE BY THE EXISTING CONTRACTOR.

ENGINEERING REFERENCE DRAWINGS:

--NIL--

CONSTRUCTION REFERENCE DRAWINGS:

--NIL--

	SIGN.													
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P0	SIGN.	sd/–	sd/–	sd/–								sd/–	sd/–	28–05–2018
	INITIALS	AA	IP	DD								BST	CRI	
ISSUE		DRN	DSN	CHD	CV	EL	IC	ME				PE/PM	APPD	DATE
					CLEARED									

ISSUED FOR TENDER

DO NOT SCALE

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FILE NAME : TCE-10839A-AC-1003-IW-10031-P0

ROURKELA SMART CITY LTD.

ROURKELA SMART CITY LTD

PgMC FOR AREA BASED DEVELOPMENT

BIJU PATNAIK INDOOR STADIUM
GROUND FLOOR COORDINATED RCP
EXISTING BUILDING (SHEET 1 OF 3)

TATA CONSULTING ENGINEERS LIMITED

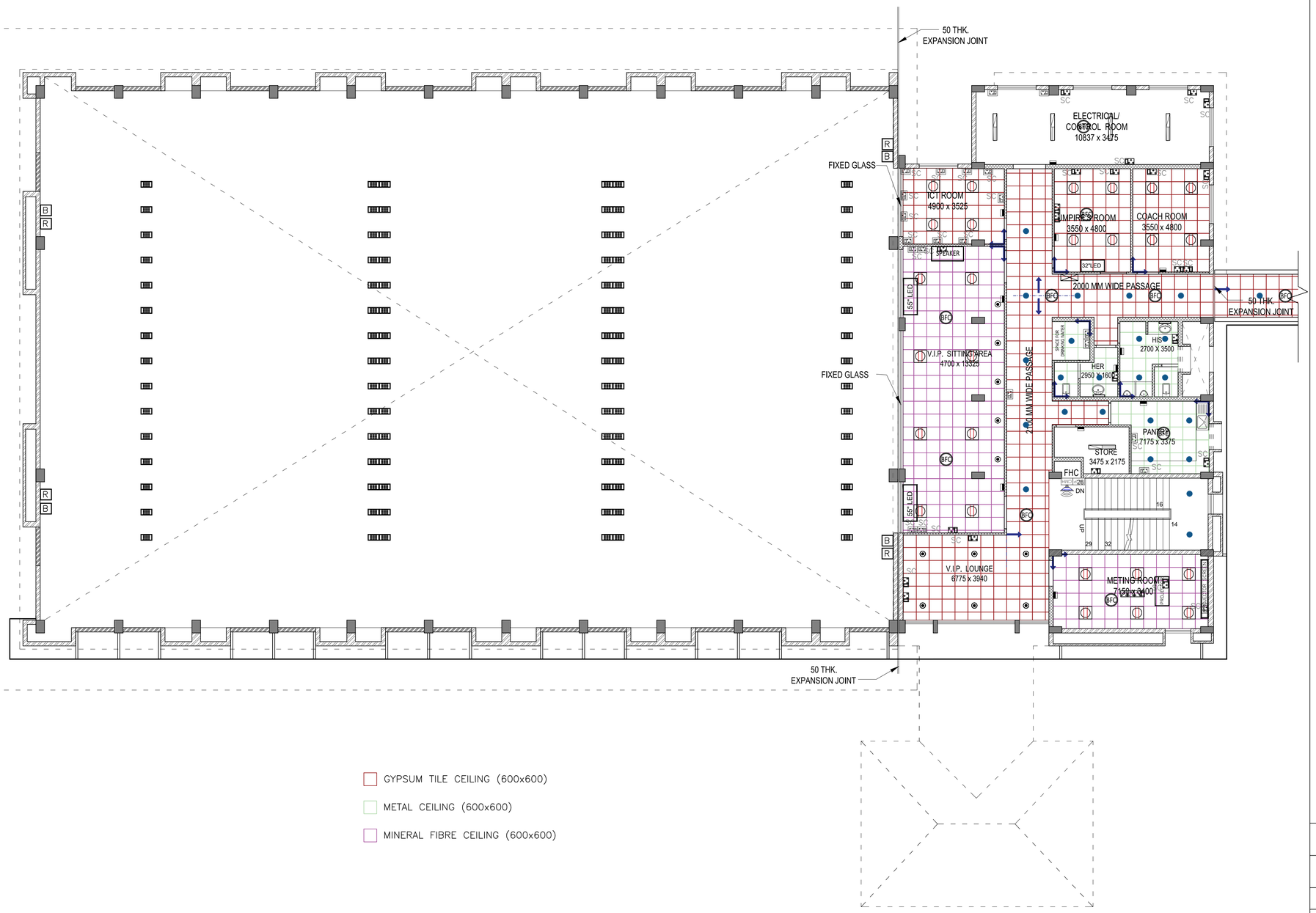
SCALE : 1:100	DWG NO. TCE–10839A–AC–1003–IW–10031	ISSUE P0	SIZE–A1
DC & DISC: DEL–EL			

FILE NAME: F-091-Pre-P0.dwg

TCE FORM NO. 091 P0

TITLE: BIJU PATNAIK INDOOR STADIUM
FIRST FLOOR COORDINATED RCP
EXISTING BUILDING (SHEET 2 OF 2)

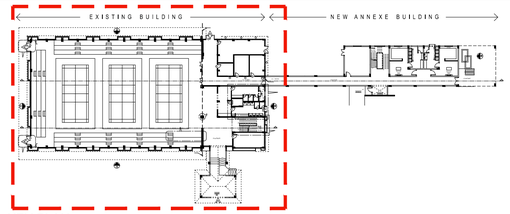
DWG NO TCE-10839A-AC-1003-IW-10032



GYPSUM TILE CEILING (600x600)

METAL CEILING (600x600)

MINERAL FIBRE CEILING (600x600)



KEY PLAN

LEGEND

S.No.	DESCRIPTION	SYMBOL	QUANTITY
1	480W – LED SPORTS LUMINAIRE(PHILIPS BVP621 OR EQUIVALENT)		90 NOS
2	40W – LED SURFACE MOUNTED BATTEN (PHILIPS BN108C OR EQUIVALENT)		05 NOS
3	36W – LED RECESSED MOUNTED PANEL(PHILIPS RC420B OR EQUIVALENT)		26 NOS
4	12W – LED SPOT LIGHT (PHILIPS 59107/31/83 OR EQUIVALENT)		11 NOS
5	15W – LED RECESSED MOUNTED DOWNLIGHTER (PHILIPS DN 194B OR EQUIVALENT)		23 NOS
6	42W – LED TRACK LIGHT (PHILIPS ST271T OR EQUIVALENT)		--
7	6W – MIRROR LIGHT		02 NOS
8	EMERGENCY LIGHT		--
9	6/16A–5 PIN COMBINED SOCKET (3 MODULE) CONTROLLED BY 16A SWITCH		22 NOS
10	6A–3 PIN COMBINED SOCKET (3 MODULE) CONTROLLED BY 6A SWITCH		22 NOS
11	SWITCH BOARD (SB)		11 NOS
12	3NO. 5A SOCKET AND 1 NO. 16A SWITCH BOARD		01 NOS

LEGENDS:–

SR.NO.	SYMBOL	DISCRIPTION
1		MULTI SENSOR DETECTOR
2		MANUAL CALL POINT
3		CONTROL MODULE FOR HOOTER
4		HOOTER CUM STROBE
5		RELAY MODULE
6		MONITOR MODULE
7	B	BEAM DETECTOR TRANSMITTER
8	R	BEAM RECEIVER PLATE
9	SPEAKER	SPEAKER
10	55" LED	55" LED (CEILING HUNG)

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES AND ELEVATIONS IN METRES UNLESS OTHERWISE NOTED.
2. ALL DECORATIVE RECEPTACLES, LIGHTING PANEL & SWITCHBOARDS SHALL BE COLUMN/ WALL MOUNTED AT 1200MM HEIGHT FROM FFL.
3. ALL LIGHTING PANEL, DECORATIVE RECEPTACLE & SWITCH BOARD SHALL BE FLUSHED (CONCEALED) WITH WALL.
4. ALL LIGHTING PANELS SHALL HAVE 'TOP' CABLE ENTRY FOR INCOMING & OUTGOING CONDUITS.
5. OUTDOOR LIGHTING LUMINAIRE SHALL DISTRIBUTED FROM OUTDOOR LIGHTING DISTRIBUTION BOARD.
6. ALL THE DB LOCATIONS HAVE TO CONFIRMED BY THE CONTRACTOR.
7. ONLY LUMINARIE FIXTURES WILL BE SUPPLIED BY THE NEW CONTRACTOR, OTHER ELECTRICAL WORKS LIKE WIRING, CONDUITING, POWER SOCKETS, DB, SWITCHBOARDS ETC. WILL BE DONE BY THE EXISTING CONTRACTOR.
8. THE SPORTS LIGHTING LOCATION IS TENTATIVE. THE ACTUAL DESIGN AND POSITION WILL BE BASED ON CALCULATION FROM NEW DB CONTRACTOR.

ENGINEERING REFERENCE DRAWINGS:

--NIL--

CONSTRUCTION REFERENCE DRAWINGS:

--NIL--

	SIGN.														
	INITIALS														
	REVISIONS														
	SIGN.														
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	REVISIONS														
P0	SIGN.	sd/–	sd/–	sd/–								sd/–	sd/–	28–05–2018	
	INITIALS	AA	iP	DD								BST	CRI		
ISSUE		DRN	DSN	CHD	CV	EL	IC	ME				PE/PM	APPD	DATE	
					CLEARED										

ISSUED FOR TENDER

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FILE NAME : TCE-10839A-AC-1003-IW-10032-P0

ROURKELA SMART CITY LTD.

ROURKELA SMART CITY LTD

PgMC FOR AREA BASED DEVELOPMENT

BIJU PATNAIK INDOOR STADIUM
FIRST FLOOR COORDINATED RCP
EXISTING BUILDING(SHEET 2 OF 3)

TATA CONSULTING ENGINEERS LIMITED

SCALE : 1:100 | DWG NO TCE-10839A-AC-1003-IW-10032 | ISSUE P0

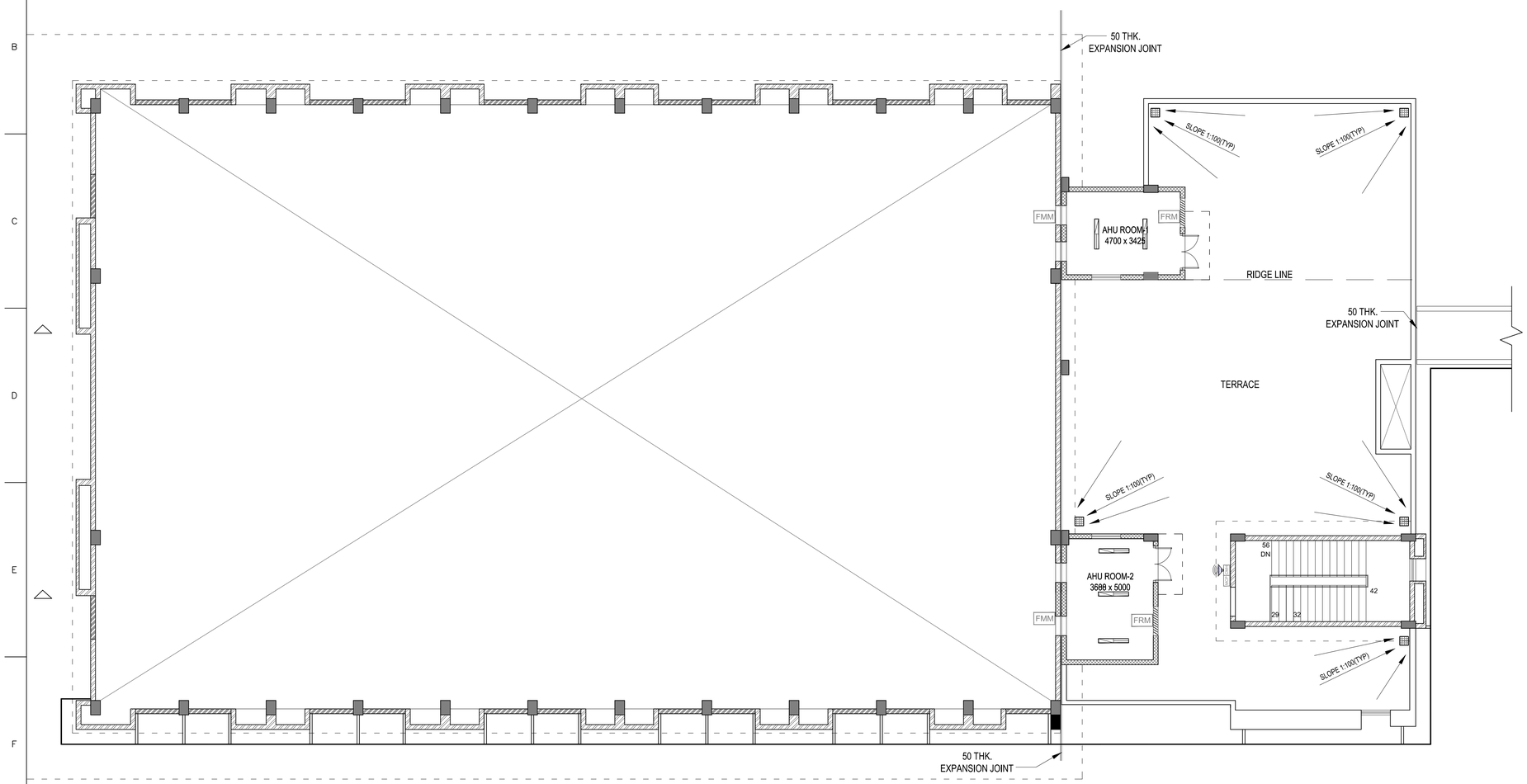
DC & DISC : DEL-EL

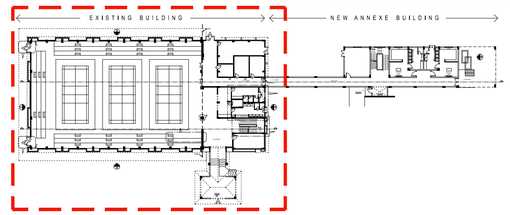
SIZE-A1

FILE NAME: F-091-Pre-P0.dwg

TCE FORM NO. 091 P0

TITLE:	DWG NO
BIJU PATNAIK INDOOR STADIUM FIRST FLOOR COORDINATED RCP EXISTING BUILDING (SHEET 2 OF 2)	TCE-10839A-AC-1003-IW-10033





KEY PLAN

LEGEND

S.No.	DESCRIPTION	SYMBOL	QUANTITY
1	40W – LED SURFACE MOUNTED BATTEN (PHILIPS BN108C OR EQUIVALENT)		05 NOS

LEGENDS:–

SR.NO.	SYMBOL	DISCRIPTION
1		MULTI SENSOR DETECTOR
2		MANUAL CALL POINT
3		CONTROL MODULE FOR HOOTER
4		HOOTER CUM STROBE
5		RELAY MODULE
6		MONITOR MODULE
7	B	BEAM DETECTOR TRANSMITTER
8	R	BEAM RECEIVER PLATE
9	SPEAKER	SPEAKER
10	55" LED	55" LED (CEILING HUNG)

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES AND ELEVATIONS IN METRES UNLESS OTHERWISE NOTED.
2. ALL DECORATIVE RECEPTACLES, LIGHTING PANEL & SWITCHBOARDS SHALL BE COLUMN/ WALL MOUNTED AT 1200MM HEIGHT FROM FFL.
3. ALL LIGHTING PANEL, DECORATIVE RECEPTACLE & SWITCH BOARD SHALL BE FLUSHED (CONCEALED) WITH WALL.
4. ALL LIGHTING PANELS SHALL HAVE 'TOP' CABLE ENTRY FOR INCOMING & OUTGOING CONDUITS.
5. OUTDOOR LIGHTING LUMINAIRE SHALL DISTRIBUTED FROM OUTDOOR LIGHTING DISTRIBUTION BOARD.
6. ALL THE DB LOCATIONS HAVE TO CONFIRMED BY THE CONTRACTOR.
7. ONLY LUMINARIE FIXTURES WILL BE SUPPLIED BY THE NEW CONTRACTOR, OTHER ELECTRICAL WORKS LIKE WIRING, CONDUITING, POWER SOCKETS, DB, SWITCHBOARDS ETC. WILL BE DONE BY THE EXISTING CONTRACTOR.

ENGINEERING REFERENCE DRAWINGS:

--NIL--

CONSTRUCTION REFERENCE DRAWINGS:

--NIL--

	SIGN.	–	–	–	–	–	–	–	–	–	–	–	–	–	
	INITIALS														
	REVISIONS														
	SIGN.	–	–	–	–	–	–	–	–	–	–	–	–	–	
	INITIALS														
	REVISIONS														
P0	SIGN.	sd/–	sd/–	sd/–	–	–	–	–	–	–	–	sd/–	sd/–	28-05-2018	
	INITIALS	AA	IP	DD	CV	EL	IC	ME				BST	CRI		
ISSUE		DRN	DSN	CHD	CLEARED							PE/PM	APPD	DATE	

ISSUED FOR TENDER

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FILE NAME : TCE-10839A-AC-1003-IW-10033-P0

ROURKELA SMART CITY LTD.

ROURKELA SMART CITY LTD

PgMC FOR AREA BASED DEVELOPMENT

BIJU PATNAIK INDOOR STADIUM
TERRACE COORDINATED RCP
EXISTING BUILDING(SHEET 3 OF 3)

TATA CONSULTING ENGINEERS LIMITED

SCALE : 1:100	DWG NO	ISSUE
DC & DISC : DEL–EL	TCE–10839A–AC–1003–IW–10033	P0

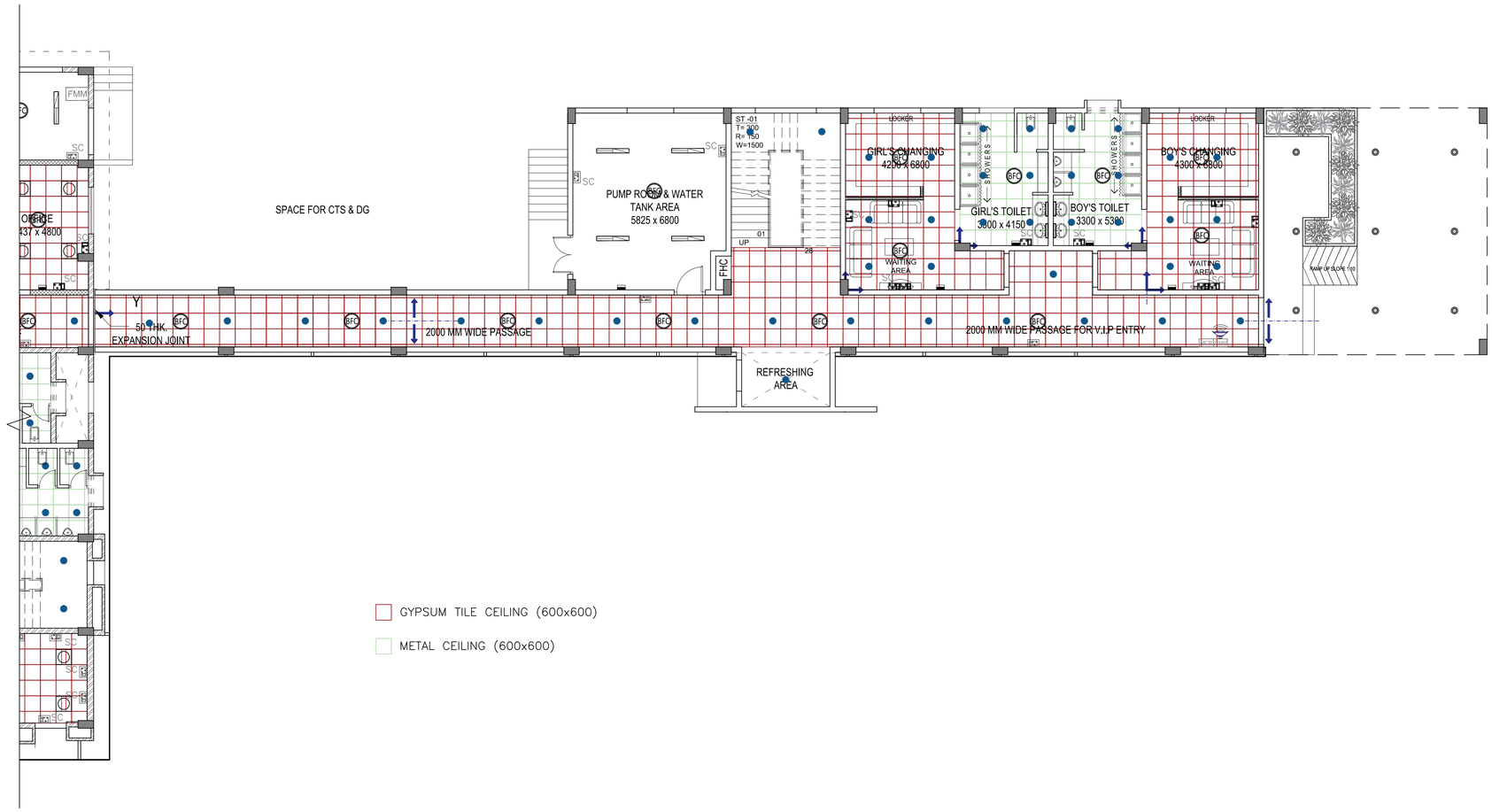
SIZE–A1

FILE NAME: F-091-Pre-P0.dwg

TCE FORM NO. 091 P0

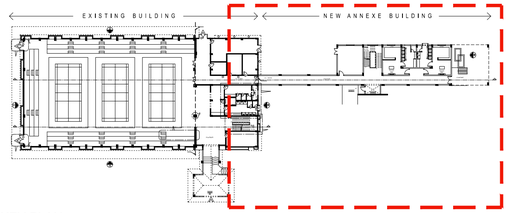
TITLE: BIJU PATNAIK INDOOR STADIUM
GROUND FLOOR COORDINATED RCP
ANNEXE BUILDING (SHEET 1 OF 2)

DWG NO TCE-10839A-AC-1003-IW-10034



GYPSUM TILE CEILING (600x600)

METAL CEILING (600x600)



KEY PLAN

LEGEND

S.No.	DESCRIPTION	SYMBOL	QUANTITY
1	480W – LED SPORTS LUMINAIRE(PHILIPS BVP621 OR EQUIVALENT)		--
2	40W – LED SURFACE MOUNTED BATTEN (PHILIPS BN108C OR EQUIVALENT)		04 NOS
3	36W – LED RECESSED MOUNTED PANEL(PHILIPS RC420B OR EQUIVALENT)		--
4	12W – LED SPOT LIGHT (PHILIPS 59107/31/83 OR EQUIVALENT)		--
5	15W – LED RECESSED MOUNTED DOWNLIGHTER (PHILIPS DN 194B OR EQUIVALENT)		43 NOS
6	42W – LED TRACK LIGHT (PHILIPS ST271T OR EQUIVALENT)		--
7	6W – MIRROR LIGHT		04 NOS
8	EMERGENCY LIGHT	EXIT LIGHT	--
9	6/16A–5 PIN COMBINED SOCKET (3 MODULE) CONTROLLED BY 16A SWITCH	SW	04 NOS
10	6A–3 PIN COMBINED SOCKET (3 MODULE) CONTROLLED BY 6A SWITCH		10 NOS
11	SWITCH BOARD (SB)		05 NOS
12	3NO. 5A SOCKET AND 1 NO. 16A SWITCH BOARD		--
13	22W – LED RECESSED MOUNTED DOWNLIGHTER (PHILIPS 59156/31/83 OR EQUIVALENT)		09 NOS

LEGENDS:–

SR.NO.	SYMBOL	DISCRIPTION
1		MULTI SENSOR DETECTOR
2	MCP	MANUAL CALL POINT
3	CM	CONTROL MODULE FOR HOOTER
4		HOOTER CUM STROBE
5	RM	RELAY MODULE
6	MM	MONITOR MODULE
7	B	BEAM DETECTOR TRANSMITTER
8	R	BEAM RECEIVER PLATE
9	SPEAKER	SPEAKER
10	55"LED	55" LED (CEILING HUNG)

NOTES:

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ENGINEERING REFERENCE DRAWINGS:

--NIL--

CONSTRUCTION REFERENCE DRAWINGS:

--NIL--

	SIGN.														
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	REVISIONS														
	SIGN.														
	INITIALS														
	REVISIONS														
P0	SIGN.	sd/–	sd/–	sd/–								sd/–	sd/–	28–05–2018	
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ISSUE		DRN	DSN	CHD	CV	EL	IC	ME				PE/PM	APPD	DATE	
					CLEARED										

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FILE NAME : TCE-10839A-AC-1003-IW-10034-P0

ROURKELA SMART CITY LTD.

ROURKELA SMART CITY LTD

PgMC FOR AREA BASED DEVELOPMENT

BIJU PATNAIK INDOOR STADIUM
GROUND FLOOR COORDINATED RCP
ANNEXE BUILDING (SHEET 1 OF 2)

TATA CONSULTING ENGINEERS LIMITED

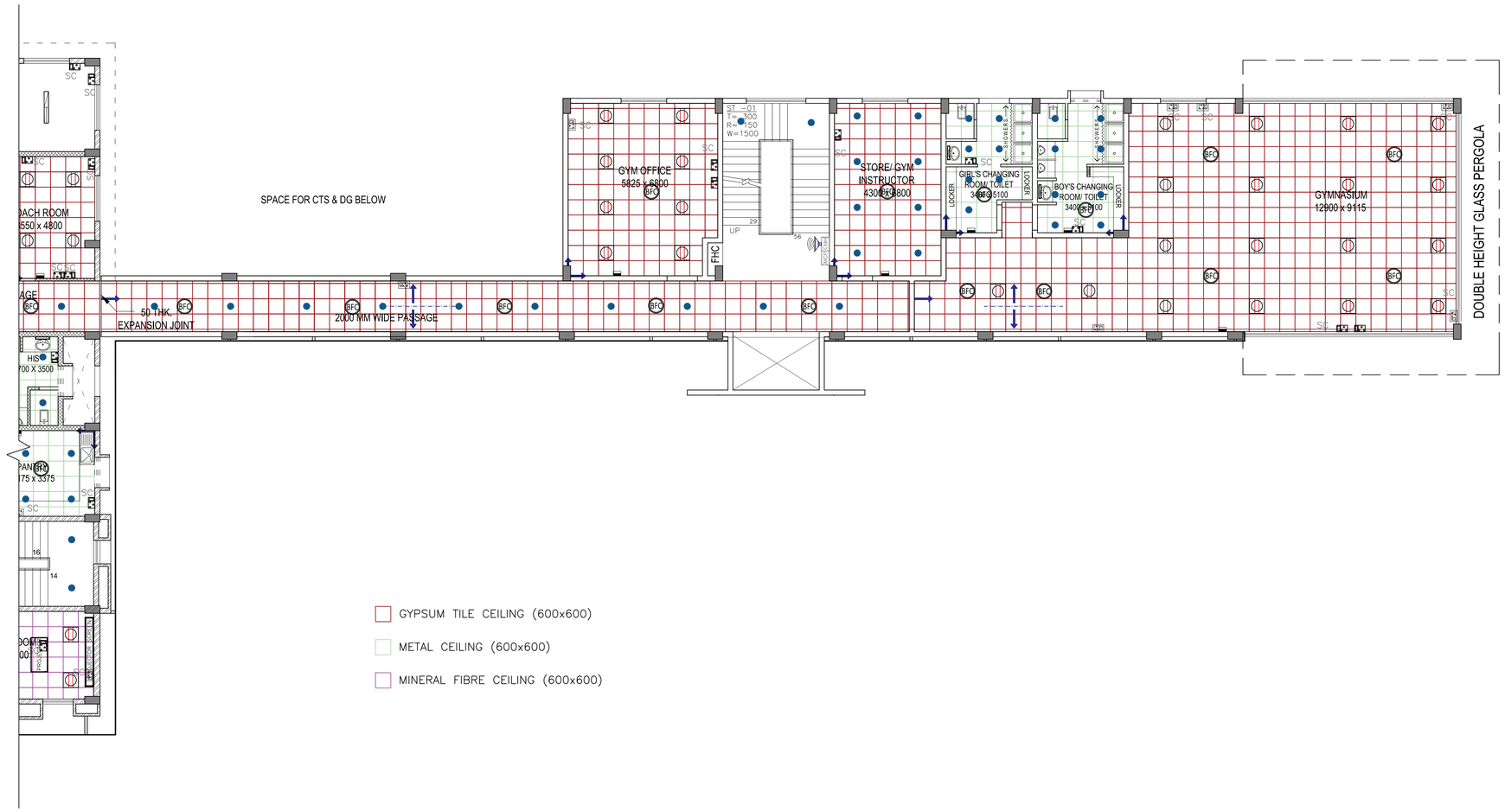
SCALE : 1:100
DC & DISC : DEL-EL
DWG NO TCE-10839A-AC-1003-IW-10034
ISSUE P0
SIZE-A1

FILE NAME: F-091-Pre-P0.dwg

TCE FORM NO. 091 P0

TITLE: BIJU PATNAIK INDOOR STADIUM
FIRST FLOOR COORDINATED RCP
ANNEXE BUILDING (SHEET 2 OF 2)

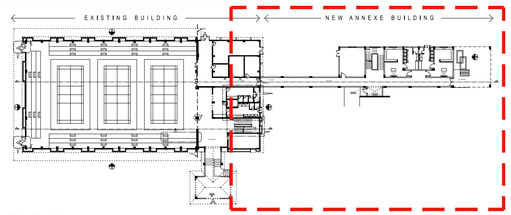
DWG NO TCE-10839A-AC-1003-IW-10035



GYPSUM TILE CEILING (600x600)

METAL CEILING (600x600)

MINERAL FIBRE CEILING (600x600)



KEY PLAN

LEGEND

S.No.	DESCRIPTION	SYMBOL	QUANTITY
1	480W – LED SPORTS LUMINAIRE(PHILIPS BVP621 OR EQUIVALENT)		--
2	40W – LED SURFACE MOUNTED BATTEN (PHILIPS BN108C OR EQUIVALENT)		04 NOS
3	36W – LED RECESSED MOUNTED PANEL(PHILIPS RC420B OR EQUIVALENT)		26 NOS
4	12W – LED SPOT LIGHT (PHILIPS 59107/31/83 OR EQUIVALENT)		--
5	15W – LED RECESSED MOUNTED DOWNLIGHTER (PHILIPS DN 194B OR EQUIVALENT)		35 NOS
6	42W – LED TRACK LIGHT (PHILIPS ST271T OR EQUIVALENT)		--
7	6W – MIRROR LIGHT		04 NOS
8	EMERGENCY LIGHT		--
9	6/16A–5 PIN COMBINED SOCKET (3 MODULE) CONTROLLED BY 16A SWITCH		04 NOS
10	6A–3 PIN COMBINED SOCKET (3 MODULE) CONTROLLED BY 6A SWITCH		10 NOS
11	SWITCH BOARD (SB)		05 NOS
12	3NO. 5A SOCKET AND 1 NO. 16A SWITCH BOARD		--

LEGENDS:–

SR.NO.	SYMBOL	DISCRIPTION
1		MULTI SENSOR DETECTOR
2		MANUAL CALL POINT
3		CONTROL MODULE FOR HOOTER
4		HOOTER CUM STROBE
5		RELAY MODULE
6		MONITOR MODULE
7	B	BEAM DETECTOR TRANSMITTER
8	R	BEAM RECEIVER PLATE
9	SPEAKER	SPEAKER
10	55" LED	55" LED (CEILING HUNG)

NOTES:

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ENGINEERING REFERENCE DRAWINGS:

--NIL--

CONSTRUCTION REFERENCE DRAWINGS:

--NIL--

	SIGN.														
	INITIALS														
	REVISIONS														
	SIGN.														
	INITIALS														
	REVISIONS														
P0	SIGN.	sd/–	sd/–	sd/–								sd/–	sd/–	28–05–2018	
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ISSUE		DRN	DSN	CHD	CV	EL	IC	ME				PE/PM	APPD	DATE	
					CLEARED										

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FILE NAME : TCE-10839A-AC-1003-IW-10035-P0

ROURKELA SMART CITY LTD.

ROURKELA SMART CITY LTD

PgMC FOR AREA BASED DEVELOPMENT

BIJU PATNAIK INDOOR STADIUM
FIRST FLOOR COORDINATED RCP
ANNEXE BUILDING(SHEET 2 OF 2)

TATA CONSULTING ENGINEERS LIMITED

SCALE : 1:100

DC & DISC : DEL-EL

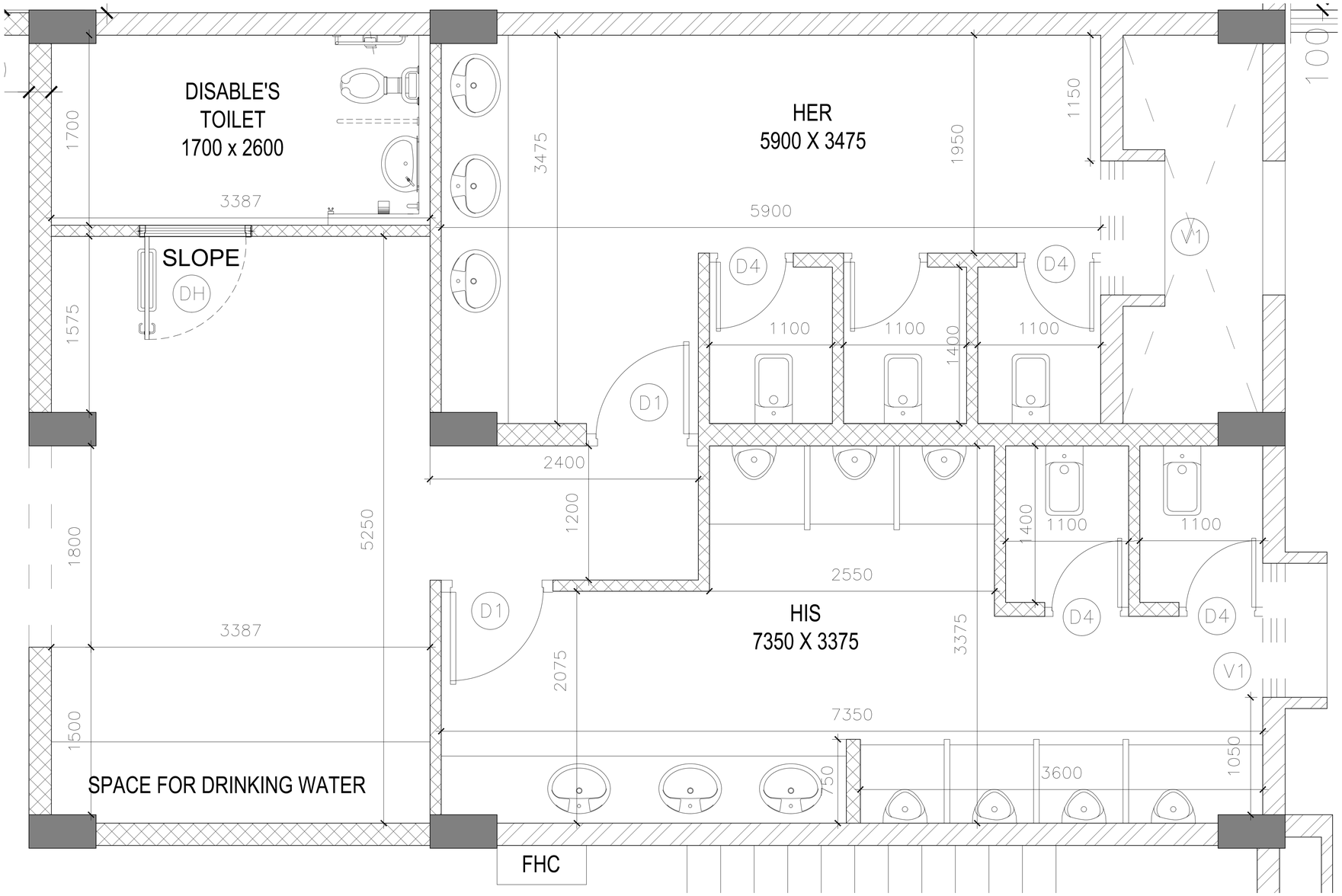
DWG NO TCE-10839A-AC-1003-IW-10035

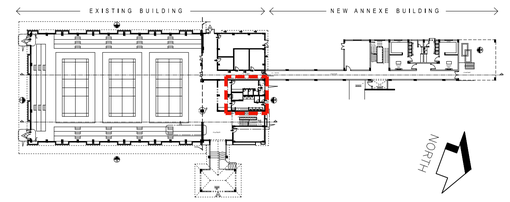
ISSUE P0

SIZE-A1

TCE FORM NO. 091 P0

FILE NAME: F-091-Pre-P0.dwg





KEY PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METRES, UNLESS OTHERWISE NOTED.
2. ALL THE DIMENSIONS SHALL BE CHECKED AND VERIFIED AT SITE.
3. DRAWING SHALL NOT BE SCALED, WRITTEN DIMENSIONS SHALL BE FOLLOWED. ALL FLOOR LEVELS MENTIONED ARE FINISHED FLOOR LEVELS UNLESS OTHERWISE NOTED.
5. ALL DIMENSIONS ARE INDICATED CONSIDERING UNPLASTERED MASONRY/ CONCRETE OTHERWISE NOTED.
6. DOOR/ WINDOW/ VENTILATOR WIDTHS ARE CLEAR MASONRY OPENING EXCLUDING PLASTER/FINISH. DOOR/ WINDOW HEIGHTS ARE FROM FINISHED FLOOR LEVEL TO BOTTOM OF LINTEL EXCLUDING PLASTER.
7. FINISHED FLOOR LEVELS FOR TOILETS TO BE 15MM BELOW GENERAL FINISHED FLOOR LEVEL AND SHALL SLOPE TOWARDS THE FLOOR DRAIN.
8. ALL FREE EDGES OF CHAJJA & SLAB PROJECTIONS SHALL HAVE DRIP MOULD IN PLASTER 20MM WIDE X 10MM DEEP.
9. ALL INTERNAL PARTITION WALLS IN TOILETS, UNLESS OTHERWISE NOTED, SHALL BE 2200MM HIGH ABOVE FINISHED TOILET FLOOR LEVEL.
10. WATERPROOFING OF ROOF SLABS SHALL BE AS PER SPECIFICATIONS.
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16. FOR ALL THE FLOOR CUTOUTS, CIVIL DRAWINGS SHOULD BE FOLLOWED.

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FILE NAME : TCE-10839A-AC-1003-AC-10029-P0

ROURKELA SMART CITY LTD.

ROURKELA SMART CITY LTD

PgMC FOR AREA BASED DEVELOPMENT

BIJU PATNAIK INDOOR STADIUM
GROUND FLOOR TOILET PLAN_EXISTING BUILDING

TATA CONSULTING ENGINEERS LIMITED

SCALE : 1:20

DC & DISC: DEL-AC

DWG NO. TCE-10839A-AC-1003-AC-10029

ISSUE P0

SIZE-A1

TCE FORM NO. 091 P0

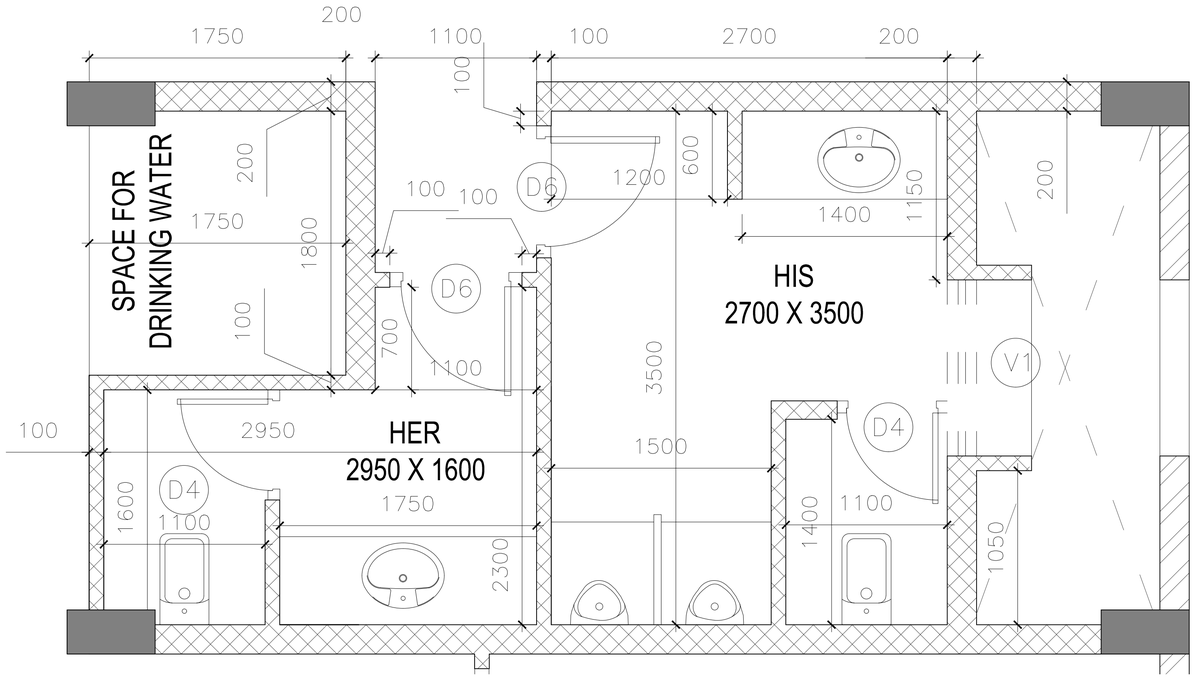
FILE NAME: F-091-Pre-P0.dwg

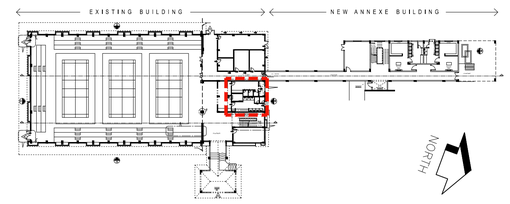
TITLE: BIJU PATNAIK INDOOR STADIUM
GROUND FLOOR TOILET PLAN_EXISTING BUILDING

DWG NO TCE-10839A-AC-1003-AC-10029

TITLE: BIJU PATNAIK INDOOR STADIUM
FIRST FLOOR TOILET PLAN_EXISTING BUILDING

DWG NO TCE-10839A-AC-1003-AC-10030





KEY PLAN

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FILE NAME : TCE-10839A-AC-1003-AC-10030-P0

ROURKELA SMART CITY LTD.

ROURKELA SMART CITY LTD

PgMC FOR AREA BASED DEVELOPMENT

BIJU PATNAIK INDOOR STADIUM
FIRST FLOOR TOILET PLAN_EXISTING BUILDING

TATA CONSULTING ENGINEERS LIMITED

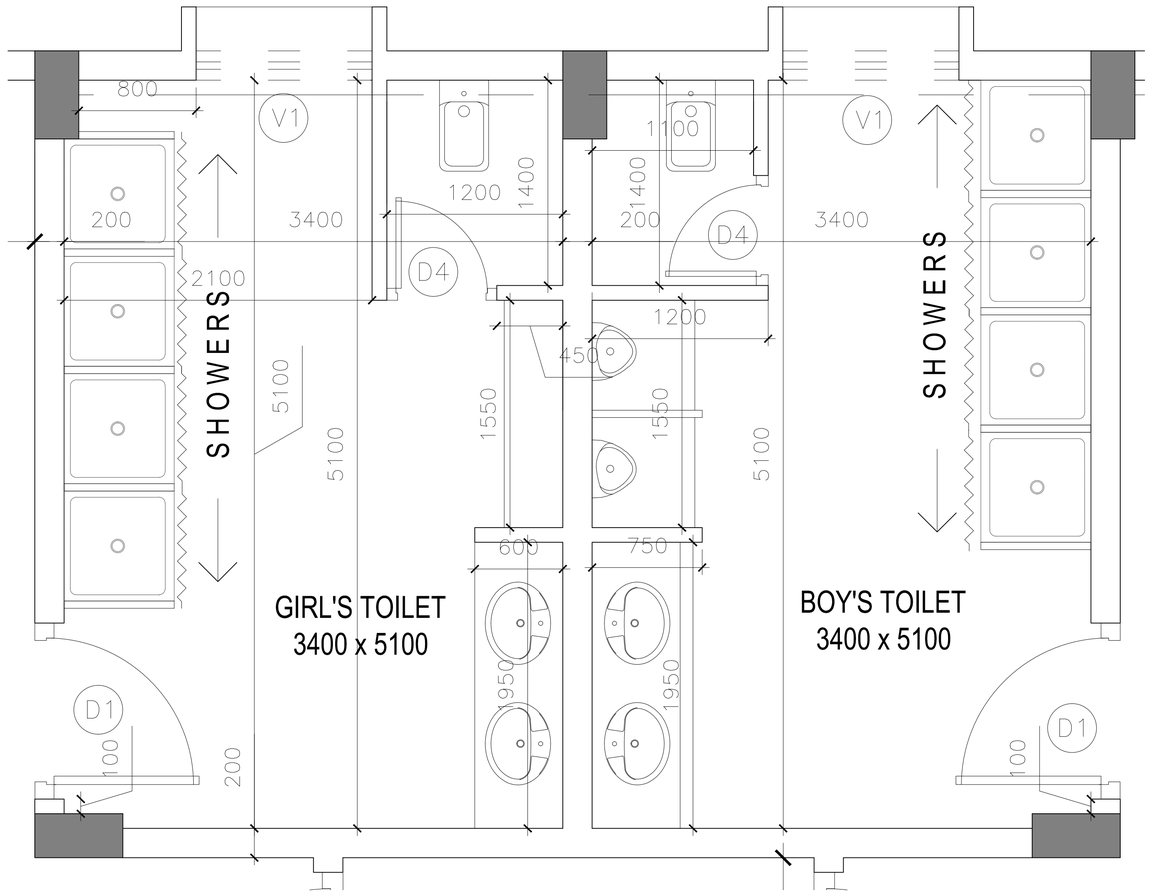
SCALE : 1:20
DC & DISC: DEL-AC
DWG NO. TCE-10839A-AC-1003-AC-10030
ISSUE P0
SIZE-A1

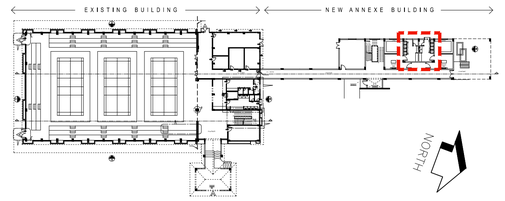
FILE NAME: F-091-Pre-P0.dwg

TCE FORM NO. 091 P0

TITLE: BIJU PATNAIK INDOOR STADIUM
GROUND FLOOR TOILET PLAN_ANNEXE BUILDING

DWG NO TCE-10839A-AC-1003-AC-10031





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PgMC FOR AREA BASED DEVELOPMENT

BIJU PATNAIK INDOOR STADIUM
GROUND FLOOR TOILET PLAN_ANNEXE BUILDING

TATA CONSULTING ENGINEERS LIMITED

SCALE : 1:20

DC & DISC: DEL-AC

DWG NO TCE-10839A-AC-1003-AC-10031

ISSUE P0

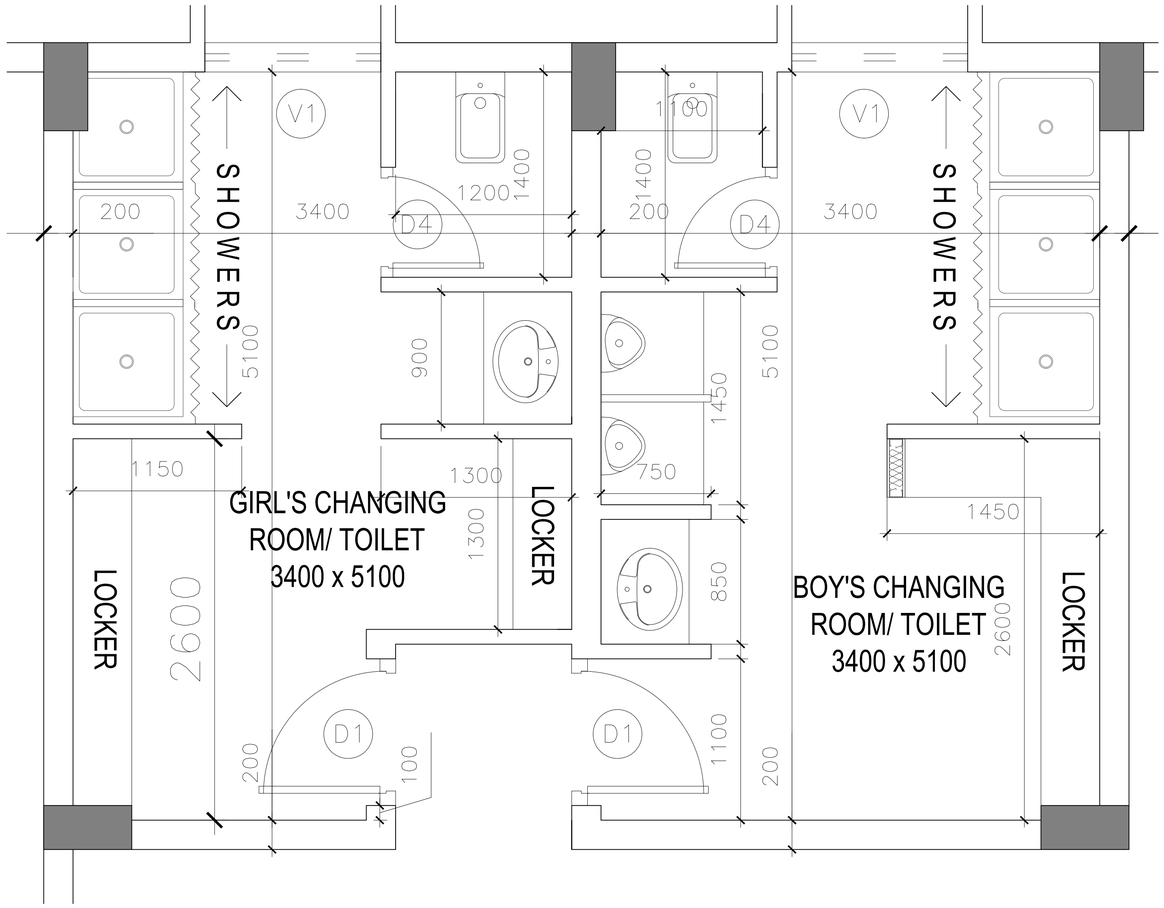
SIZE-A1

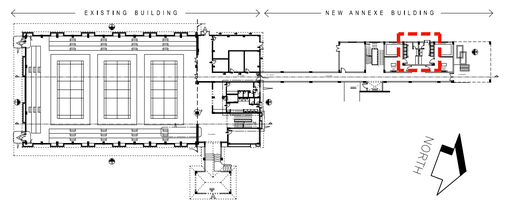
FILE NAME: F-091-Pre-P0.dwg

TCE FORM NO. 091 P0

TITLE: BIJU PATNAIK INDOOR STADIUM
GROUND FLOOR TOILET PLAN_ANNEXE BUILDING

DWG NO TCE-10839A-AC-1003-AC-10032





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PgMC FOR AREA BASED DEVELOPMENT

BIJU PATNAIK INDOOR STADIUM
FIRST FLOOR TOILET PLAN_ANNEXE BUILDING

TATA CONSULTING ENGINEERS LIMITED

SCALE : 1:20
DC & DISC : DEL-AC
DWG NO. TCE-10839A-AC-1003-AC-10032
ISSUE P0
SIZE-A1

FILE NAME: F-091-Pre-P0.dwg

TCE FORM NO. 091 P0

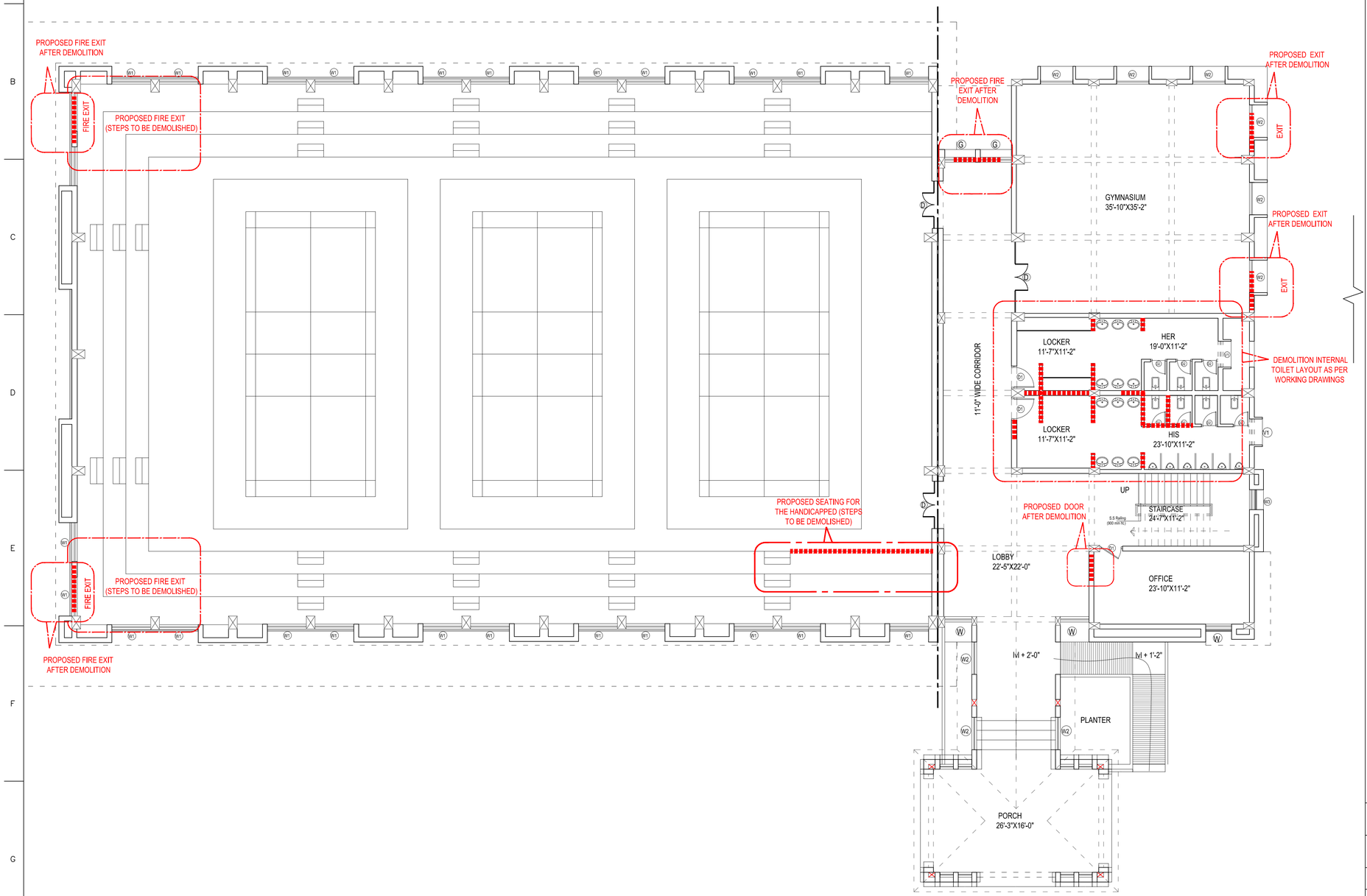
BIJU PATNAIK INDOOR STADIUM EXISTING & NEW ANNEXE BUILDING

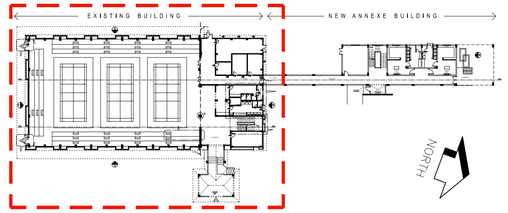
S. NO.	FLOOR DETAIL DESCRIPTION	FLOORING		SKIRTING	CLADDING / WALL FINISH		DOOR / WINDOW		CEILING	REMARK
		TILE / SLAB	DIMENSION		PAINT / SLAB	DIMENSION	DOOR	WINDOW		
	INDOOR HALL									
1	**GROUND FLOOR**									
i	Indoor Badminton Court	EB-Vinyl Flooring (Grabo Supreme67)	6.7 mm thk	-	Acrylic Emulsion Paint	Upto CEILLING	12 mm Glass Door	-	MS Truss/ Profiled Metal Roofing Sheet/ With Insulation	Grey Granite in Riser & Dark Maroon Granite in treads (Bullnose Edge)
ii	Circulation Area (Indoor Hall)	Heavy duty vitrified tile/ Aluminium Profile between Vinyl Flooring & Heavy duty Vitrified Tiles	600x600	Heavy duty vitrified tile (Leaving the seating part)	Acrylic Emulsion Paint	Upto CEILLING	-	-	MS Truss/ Profiled Metal Roofing Sheet/ With Insulation	
iii	Seating/ Steps (Indoor Hall)	Granite	20mm thk Granite	Granite	Acrylic Emulsion Paint	Upto CEILLING	-	ACC BLOCK WORK TO CLOSE OPENINGS	MS Truss/ Profiled Metal Roofing Sheet/ With Insulation	
	INTERNAL BLOCK									
1	**GROUND FLOOR**									
i	Lobby	Vitrified tile	600x600	100 mm high Vitrified Tile	Acrylic Emulsion Paint	Upto CEILLING	12 mm Glass Door	Aluminum Fixed	Gypsum Tile Ceiling (600 X600)	
ii	Media Room	Vitrified tile	600x600	100 mm high Vitrified Tile	Acrylic Emulsion Paint	Upto CEILLING	35 mm Flush Door	Aluminum Fixed	Gypsum Tile Ceiling (600 X600)	
iii	Corridor/ Passage	Vitrified tile	600x600	100 mm high Vitrified Tile	Acrylic Emulsion Paint	Upto CEILLING	MS Door with fire rating 2hr/ 12 mm Glass Door	-	Gypsum Tile Ceiling (600 X600)	
iv	Staircase-1/ Staircase-2	Granite	20mm thk Granite	1200 mm high Granite	Acrylic Emulsion Paint	Upto CEILLING	-	Aluminum Fixed	OBD	Anti skid groove
v	Toilet Area	Anti-skid heavy duty Vitrified Tile	300x300	Vitrified tile	Vitrified wall tile upto false ceiling high. OBD above false ceiling	300x300	PVC DOOR	Alluminium ventilator with louvers	Metal Grid False Ceiling (600 X 600)	
vi	Store	Kota Stone	22mm thk kota	100 mm high kota stone	Acrylic Emulsion Paint	Upto CEILLING	35 mm Flush Door	-	OBD	
vii	Elecrical Room/ Pump Room & Water Tank Area	Kota Stone	22mm thk kota	100 mm high Vitrified Tile	Acrylic Emulsion Paint	Upto CEILLING	MS Door with fire rating 2hr	-	OBD	PAC with provision of drains
viii	First Aid Room	Vitrified Tile	600x600	100 mm high Vitrified Tile	Acrylic Emulsion Paint	Upto CEILLING	35 mm Flush Door	-	Gypsum Tile Ceiling (600 X600)	
ix	Office	Vitrified Tile	600x600	100 mm high Vitrified Tile	Acrylic Emulsion Paint	Upto CEILLING	35 mm Flush Door	-	Gypsum Tile Ceiling (600 X600)	
x	Changing Room	Vitrified Tile	600x600	100 mm high Vitrified Tile	Acrylic Emulsion Paint	Upto CEILLING	35 mm Flush Door	-	Gypsum Tile Ceiling (600 X600)	
xi	Refreshing Area	Vitrified Tile	600x600	100 mm high Vitrified Tile	Acrylic Emulsion Paint	Upto CEILLING	35 mm Flush Door	-	Gypsum Tile Ceiling (600 X600)	
	INTERNAL BLOCK									
1	**FIRST FLOOR**									
i	V.I.P. Lounge	Wooden Laminated	-	Wooden	Wooden Vineer upto false ceilling level/ 12 mm Fixed Glass. OBD above false ceilling	-	12 mm Glass Door	-	Gypsum Tile Ceiling (600 X600)	
ii	V.I.P. Sitting Area	Wooden Laminated	-	Wooden	Wooden Vineer upto false ceilling level/ 12 mm Fixed Glass. OBD above false ceilling	-	12 mm Glass Door	Aluminum Slidding/ Fixed Glass	Mineral Fibre Ceiling (600 X 600)	
iii	Meting Room	Wooden Laminated	-	Wooden	Wooden upto false ceilling level. OBD above false ceilling	-	50 mm Flush Door	Fixed Glass	Mineral Fibre Ceiling (600 X 600)	
iv	Corridor/ Passage	vitrified tile	600x600	100mm high vitrified tile	Acrylic Emulsion Paint/ OBD above false ceilling	Upto CEILLING	-	-	Gypsum Tile Ceiling (600 X600)	
v	Staircase-1/ Staircase-2	vitrified tile	600x600	1200 mm high Granite	Acrylic Emulsion Paint	Upto CEILLING	-	-	OBD	
vi	Pantry	vitrified tile	600x600	vitrified tile	vitrified wall tile upto false ceiling high. OBD above false ceiling	Upto CEILLING	-	-	Metal Grid False Ceiling (600 X 600)	
vii	Toilet/ Drinking Water Area	Anti-skid havey duty vitrified tile	300x300	Vitrified tile	vitrified wall tile upto false ceiling high. OBD above false ceiling	300x300	PVC DOOR	Alluminium ventilator with louvers	Metal Grid False Ceiling (600 X 600)	

viii	ICT Room	Wooden Laminated	-	Wooden	Wooden upto false ceilling level/ 12 mm Fixed Glass. OBD above false ceilling	-	12 mm Glass Door	-	Gypsum Tile Ceiling (600 X600)	
ix	Elecrical/ Control Room	Kota stone	22mm thk kota	100mm high kota stone	Acrylic Emulsion Paint	Upto CEILLING	MS Door with fire rating 2hr	Aluminum Slidding/ Fixed Glass	OBD	PAC with provision of drains
x	Umpire's/ Coach Room	vitrified tile	600x600	100mm high vitrified tile	Acrylic Emulsion Paint	Upto CEILLING	35 mm Flush Door	Aluminum Slidding/ Fixed Glass	Gypsum Tile Ceiling (600 X600)	
xi	Gym Office	vitrified tile	600x600	100mm high vitrified tile	Acrylic Emulsion Paint	Upto CEILLING	35 mm Flush Door	Aluminum Slidding/ Fixed Glass	Gypsum Tile Ceiling (600 X600)	
xii	Gym Instructor/ Store	vitrified tile	600x600	100mm high vitrified tile	Acrylic Emulsion Paint	Upto CEILLING	35 mm Flush Door	Aluminum Slidding/ Fixed Glass	Gypsum Tile Ceiling (600 X600)	
xiii	Changing Room	vitrified tile	600x600	100mm high vitrified tile	Acrylic Emulsion Paint	Upto CEILLING	35 mm Flush Door	-	Gypsum Tile Ceiling (600 X600)	
xiv	Gymnasium	Carpet tile	500 X 500	100mm Wooden	Acrylic Emulsion Paint	Upto CEILLING	12 mm Glass Door	-	Gypsum Tile Ceiling (600 X600)	
INTERNAL BLOCK										
1	**SECOND FLOOR**									
i	HVAC Room	Kota stone	22mm thk kota	100mm high kota stone	OBD	Upto CEILLING	MS Door with fire rating 2hr	Alluminium ventilator with louvers	OBD	
ii	Mumty	Kota stone	22mm thk kota	1200 mm high Granite	OBD	Upto CEILLING	-	-	OBD	
SITE DEVELOPMENT										
1	**Open Area**									
i	Porch	Cobbles Stone	60 mm thk	Granite	Acrylic Emulsion Paint	Upto CEILLING	-	-	OBD	
ii	Drop Off	Cobbles Stone	60 mm thk	Granite	Acrylic Emulsion Paint	Upto CEILLING	-	-	OBD	
iii	MULTIPURPOSE PLAY COURT	EB-PU Flooring	9 mm thk	-	-	-	-	-		
iv	MULTIPURPOSE PLAY COURT (Outer Periphery)	Leathered Finish Granite	22mm thk	-	-	-	-	-		
v	Space For CTS & DG	Kota stone	22mm thk kota	100mm high kota stone	Acrylic Emulsion Paint			-	-	
vi	Parking Area	Paver Tiles	65 mm thk							
vii	Internal Road	Stamped CC	65 mm thk							
viii	Gaurd Room/ Electrical Room	Kota stone	22mm thk kota	100mm high kota stone	Acrylic Emulsion Paint		MS Door with fire rating 2hr	Aluminum Slidding/ Fixed Glass	OBD	
ix	Entrance Gate	Stamped CC								
x	Circulation Along Truf	Stamped CC								
xi	Ramp	San Blast Granite With anti skid groves								
xii	Pathway	Stamped CC								
xiii	MS Gates		5 Nos.				MS Gates			

TITLE: BIJU PATNAIK INDOOR STADIUM
GROUND FLOOR PLAN_EXISTING BUILDING

DWG NO TCE-10839A-AC-1003-AC-10033





KEY PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METRES, UNLESS OTHERWISE NOTED.
2. ALL THE DIMENSIONS SHALL BE CHECKED AND VERIFIED AT SITE.
3. DRAWING SHALL NOT BE SCALED, WRITTEN DIMENSIONS SHALL BE FOLLOWED. ALL FLOOR LEVELS MENTIONED ARE FINISHED FLOOR LEVELS UNLESS OTHERWISE NOTED.
5. ALL DIMENSIONS ARE INDICATED CONSIDERING UNPLASTERED MASONRY/ CONCRETE OTHERWISE NOTED.
6. DOOR/ WINDOW/ VENTILATOR WIDTHS ARE CLEAR MASONRY OPENING EXCLUDING PLASTER/FINISH. DOOR/ WINDOW HEIGHTS ARE FROM FINISHED FLOOR LEVEL TO BOTTOM OF LINTEL EXCLUDING PLASTER.
7. FINISHED FLOOR LEVELS FOR TOILETS TO BE 15MM BELOW GENERAL FINISHED FLOOR LEVEL AND SHALL SLOPE TOWARDS THE FLOOR DRAIN.
8. ALL FREE EDGES OF CHAJJA & SLAB PROJECTIONS SHALL HAVE DRIP MOULD IN PLASTER 20MM WIDE X 10MM DEEP.
9. ALL INTERNAL PARTITION WALLS IN TOILETS, UNLESS OTHERWISE NOTED, SHALL BE 2200MM HIGH ABOVE FINISHED TOILET FLOOR LEVEL.
10. WATERPROOFING OF ROOF SLABS SHALL BE AS PER SPECIFICATIONS.
11. EXTERNAL PLASTER, EXPOSED CONCRETE & PRECAST RCC JALI SHALL HAVE WATERPROOF CEMENT BASED PAINT (AS PER SPECIFICATIONS), UNLESS OTHERWISE NOTED.
12. READ THIS DRAWING IN CONJUNCTION WITH ITEMS OF WORK, STRUCTURAL, SERVICE AND MECHANICAL DRAWINGS.
13. ANY DISCREPANCY BETWEEN DRAWINGS SHALL BE BROUGHT TO THE NOTICE OF ARCHITECT BEFORE EXECUTION.
14. THIS DRAWING IS THE PROPERTY OF TCE AND IS NOT TO BE COPIED/USED/REPRODUCED WITHOUT THEIR PERMISSION.
15. ALL THE COLUMNS AND THE BEAM LAYOUT SHOULD BE READ IN CONJUNCTION WITH THE CIVIL DRAWING & SHOULD NOT BE MEASURED.
16. FOR ALL THE FLOOR CUTOUTS, CIVIL DRAWINGS SHOULD BE FOLLOWED.

LEGEND

LEGEND

S.NO.	SYMBOL	DESCRIPTION
1		EXISTING WALL
2		WALLS TO BE DEMOLISHED

NOTE :-

PLEASE REFER DRG. No.s :
TCE-10839A-AC-1003-AC-10016,
TCE-10839A-AC-1003-AC-10021 &
TCE-10839A-AC-1003-AC-10022
FOR ALL DIMENSIONS.

	SIGN.													
	INITIALS													
	REVISIONS													
	SIGN.													
	INITIALS													
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P0	SIGN.	sd/-	sd/-	sd/-								sd/-	sd/-	28-05-2018
	INITIALS	AA	IP	DD								BST	CRI	
ISSUE		DRN	DSN	CHD	CV	EL	IC	ME				PE/PM	APPD	DATE
					CLEARED									

ISSUED FOR TENDER

DO NOT SCALE

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FILE NAME : TCE-10839A-AC-1003-AC-10016-P0

ROURKELA SMART CITY LTD.

ROURKELA SMART CITY LTD
PgMC FOR AREA BASED DEVELOPMENT

BIJU PATNAIK INDOOR STADIUM
GROUND FLOOR PLAN_EXISTING BUILDING
DEMOLITION PLAN

TATA CONSULTING ENGINEERS LIMITED

SCALE : 1:100
DC & DISC : DEL-AC
DWG. NO. TCE-10839A-AC-1003-AC-10033
ISSUE P0
SIZE-A1

FILE NAME: F-091-Pre-P0.dwg

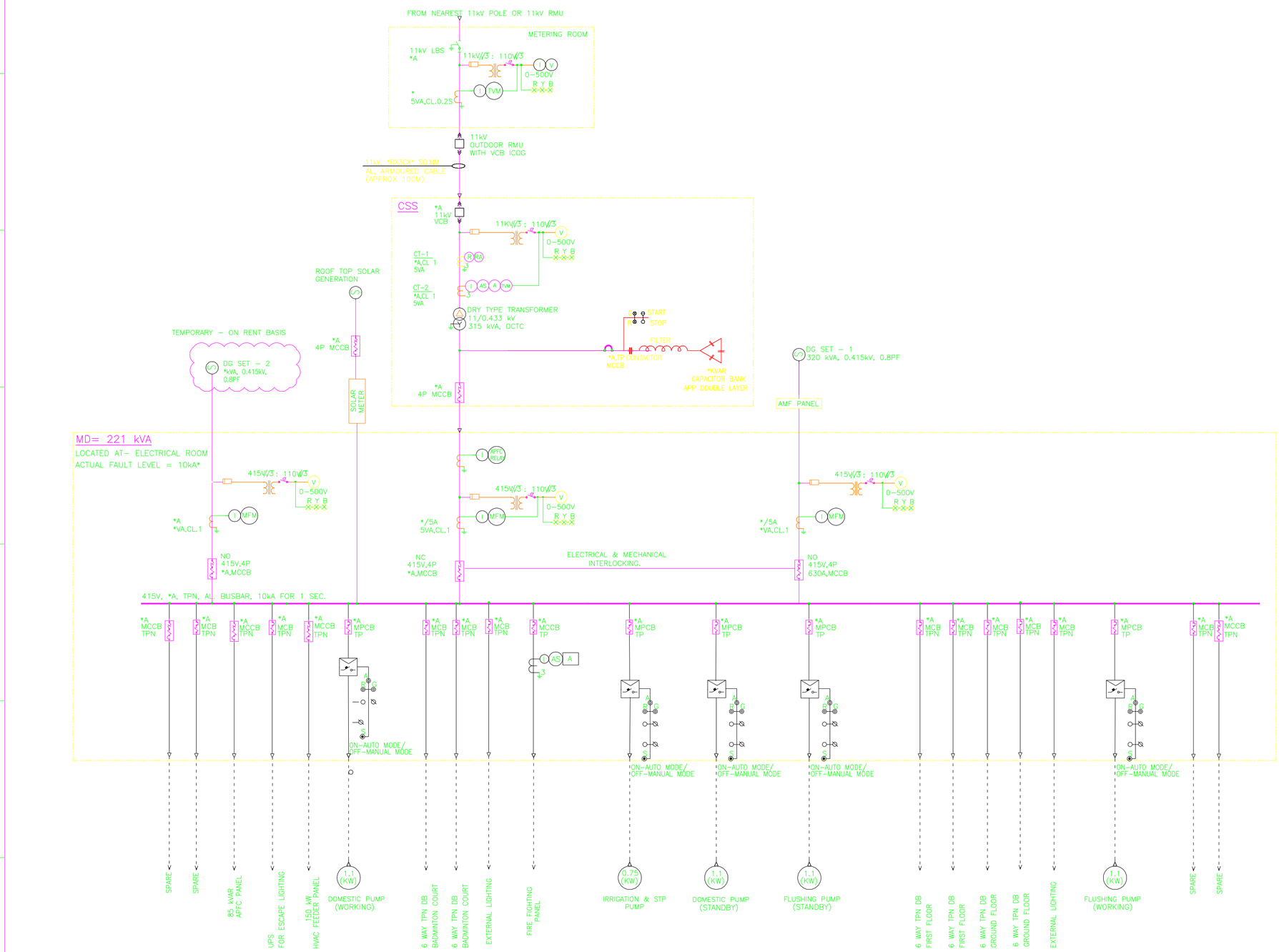
TCE FORM NO. 091 P0

TCE.10839A-EL-4002-AU-40009

DWG NO

SINGLE LINE DIAGRAM FOR BPIS

TITLE:



LEGEND:

	THREE PHASE TRANSFORMER	TVM	TARIFF METER
	MCCB	RA 3	50,51,50N,51N PROTECTIONS
	MCB/MPCB/RCCB	A 3	AMMETER
	HRC FUSE (LINK TYPE)	V 1	VOLTMETER
	CURRENT TRANSFORMER I-INSTRUMENTATION R-RELAYING (FIG. INDICATES QUANTITY)		
	POTENTIAL TRANSFORMER		
	DIRECT ON LINE STARTER		
	ONE MOMENTRY CONTACT & ONE MAINTAINING CONTACT-ON OFF PUSH BUTTON		
	INDICATING LAMPS (R-RED, G-GREEN, A-AMBER, SG-SWITCHGEAR)		
	CABLE GLAND		
75	THREE PHASE SQUIRREL CAGE INDUCTION MOTOR (FIG. INSIDE INDICATES RATING IN kW)		

NOTES:

1. ALL 415V BUSES/SWGRS/EQUIP. ETC. ARE DESIGNED FOR SYMMETRICAL FAULT LEVEL OF 10kA* FOR 1SEC. (*)DATA IS TENTATIVE WILL BE DECIDED AFTER FINALISATION OF EQUIPMENT.
2. ALL THE EQUIPMENTS SHOULD BE AS PER RELEVANT IS/IEC STANDARD.
3. THE INDICATED RATINGS OF CT's AND PT's ARE TENTATIVE AND SAME SHALL BE CONSIDERED AS MINIMUM REQUIREMENT. THE VENDOR SHALL CHECK THE ADEQUACY AND CORRECTNESS OF THE SAME WITH RELAY / METER BURDEN.
4. MCCB SHALL HAVE Ics=Icu=100%. IT SHALL BE MICROPROCESSOR BASED.
5. MCB USED FOR STANDARD NETWORK SHALL HAVE 'C' CHARACTERISTIC CURVE.
6. DC POWER REQUIREMENT SHALL BE MET FROM THE POWER PACK PROVIDED IN 11kV VCB.
7. ALL INDICATION LAMPS SHALL BE LED CLUSTER TYPE.
8. CONTROL CABLE TERMINATION CHAMBER SHOULD BE SEPARATE FROM POWER CABLE.
9. ALL PANEL WIRING SHALL BE WITH 1100 VOLTS GRADE FRLS PVC INSULATED, 1.5 SQ.MM. STRANDED COPPER WIRE FOR CONTROL WIRING & 2.5 SQ.MM FOR CT SECONDARY WIRING.
10. ALL OUTGOING CTS SHALL BE OF 5A SECONDARY.
11. ALL CONTACTORS SHALL BE OF AC3 DUTY.
12. WIDTH OF FEEDER COLUMN SHALL BE MIN 500MM AND CABLE ALLEY SHALL BE 300MM MIN.
13. ALL ACB, MCCB, CONTACTORS, MOTOR STARTER & OLR SHALL BE OF TYPE-2 CO-ORDINATION.
14. ALL MOTOR FEEDERS UP TO OR EQUAL TO 5.5KW SHALL BE PROVIDED DOL STARTERS.
15. MOTOR FEEDERS LESS THAN OR EQUAL TO 5.5 KW SHALL HAVE DIRECT CONNECTED AMMETERS IN Y-PHASE & MOTORS GREATER THAN TO 5.5 KW WILL PROVIDED WITH ONE CT & AMMETER.
16. THE METERING ARRANGEMENT SHALL BE AS PER OERC REGULATIONS.
17. DURING NATIONAL / INTERNATIONAL MATCHES, THE LOAD SHALL BE CATERED THROUGH DG POWER. THE TEMPORARY DG SET SHALL BE HIRED AS STANDBY DURING THESE EVENTS ONLY. THE MAIN INCOMING BREAKER SHALL BE MANUALLY TURNED OFF WITH THE AMF SENSING OVERRIDDEN.
18. DURING NON MATCH TIMES, DG SHALL START IN AUTO MODE ON AMF AND THERE SHALL BE INTERLOCK BETWEEN GRID AND DG INCOMER.

ISSUE		DRN	DSN	CHD	CV	EL	IC	ME	PE/PM	APPD	DATE
P0	SIGN.										
	INITIALS	KB	KM	DT	--		--	--	BST	VVB	14.05.2018
	REVISIONS				CLEARED						

TENDER PURPOSE ONLY

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FILE NAME : 10839A-EL-4002-AU-40009-REV-P0.dwg

ROURKELA SMART CITY LTD.

ROURKELA SMART CITY LTD

PgMC FOR AREA BASED DEVELOPMENT

SINGLE LINE DIAGRAM FOR BPIS

TATA CONSULTING ENGINEERS LIMITED

MUMBAI

SCALE : NTS

DC & DISC: DEL-EL

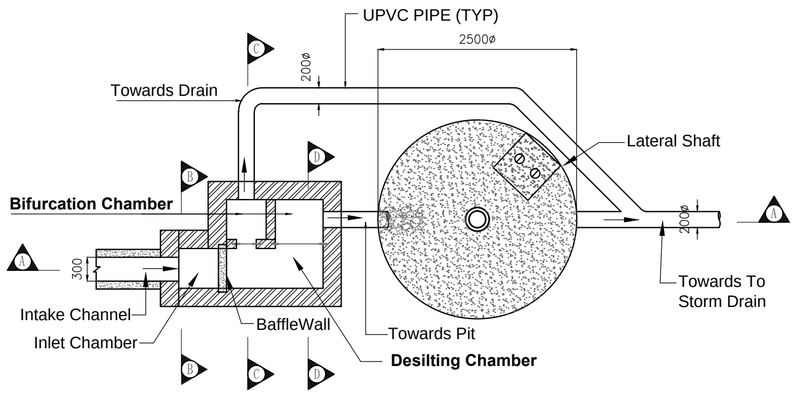
DWG NO TCE.10839A-EL-4002-AU-40009

ISSUE P0

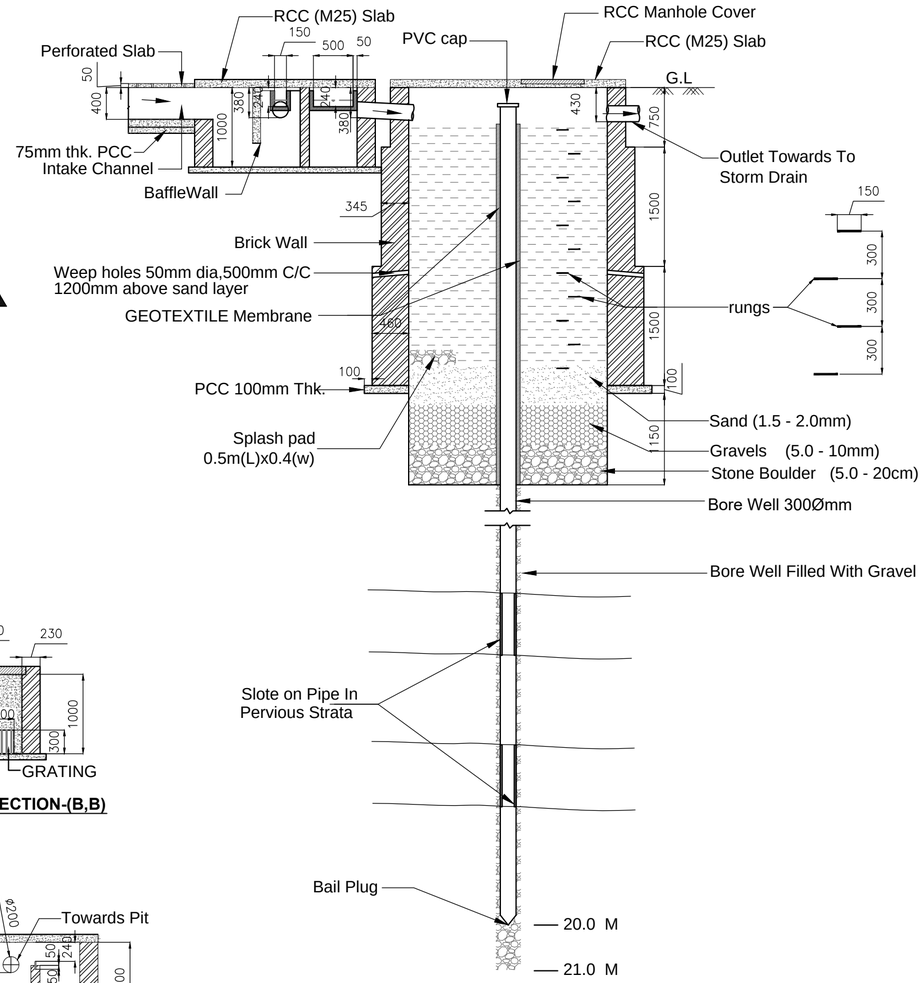
SIZE-A1

FILE NAME: F-091-Rev-R0.dwg

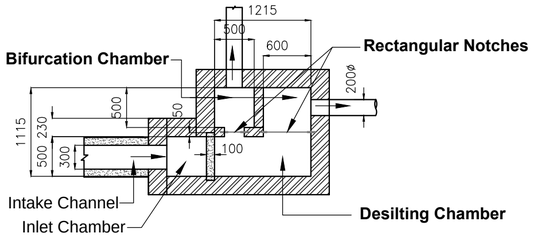
TCE FORM NO. 091 R0



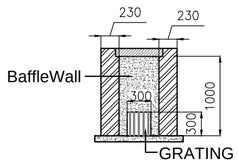
PLAN RWH STRUCTURE



SECTION-(A,A)



SIZE OF CHAMBERS



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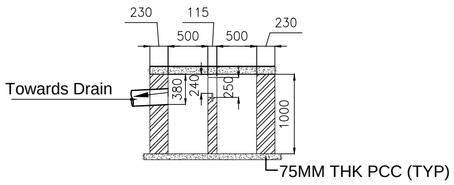
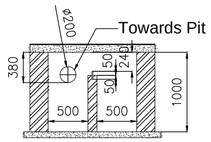


SECTION-(C,C)



SECTION-(D,D)

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ISSUE		DRN	DSN	CHD	CV	EL	IC	ME	PE/PM	APPD	DATE
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R0	SIGN.										
	INITIALS	SP	GV							BST	03-05-2018

CLEARED

PRELIMINARY ISSUE

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FILE NAME : TCE.10839A-CV-3018-RC-30001

ROURKELA SMART CITY LTD

PgMC FOR AREA BASED DEVELOPMENT

DETAIL OF PLAN AND SECTIONS
FOR RAIN WATER HARVESTING STRUCTURE

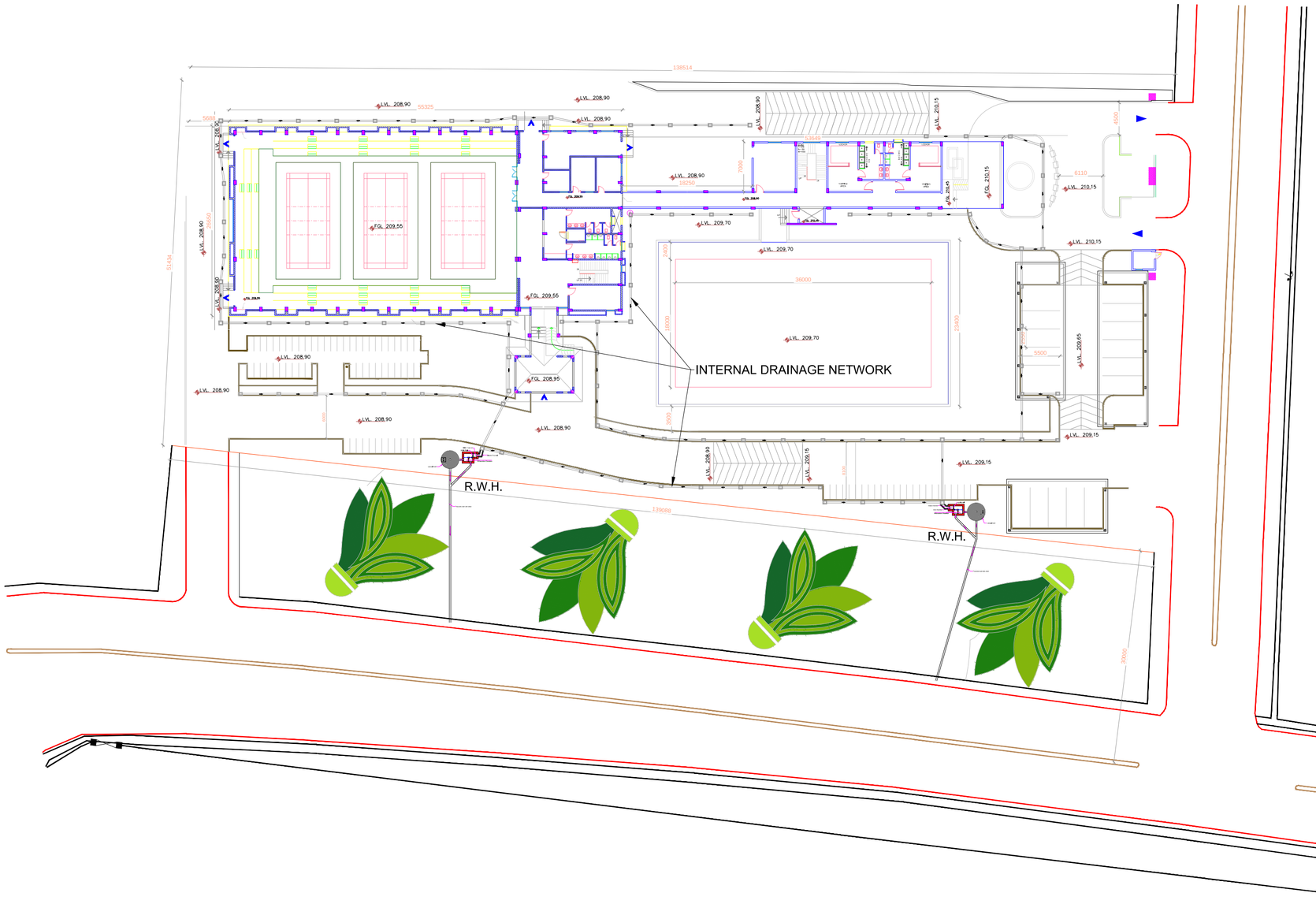
CONSULTING ENGINEERS LIMITED
MUMBAI

SCALE : 1:100
DC & DISC : DEL-CV
DWG NO. TCE.10839A-CV-3018-RC-30001
ISSUE P0
SIZE-A2

FILE NAME: F-092-Rev-R0.dwg

TCE FORM NO. 092 R0

DWG NO	TITLE:
TCE.10839A-CV-3018-IP-30001	LAYOUT PLAN OF INTERNAL DRAINAGE AND RAIN WATER HARVESTING STRUCTURE AT INDOOR STADIUM



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	SIGN.												
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	INITIALS	SP	GV									BST	03-05-2018
ISSUE		DRN	DSN	CHD	CV	EL	IC	ME			PE/PM	APPD	DATE
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ROURKELA SMART CITY LTD

PgMC FOR AREA BASED DEVELOPMENT

LAYOUT PLAN OF INTERNAL DRAINAGE AND RAIN WATER HARVESTING STRUCTURE AT INDOOR STADIUM

CONSULTING ENGINEERS LIMITED

MUMBAI

SCALE : 1:100

DC & DISC : DEL-CV

DWG NO. TCE.10839A-CV-3018-IP-30001

ISSUE P0

SIZE-A2

TCE FORM NO. 092 R0

FILE NAME: F-092-Rev-R0.dwg