

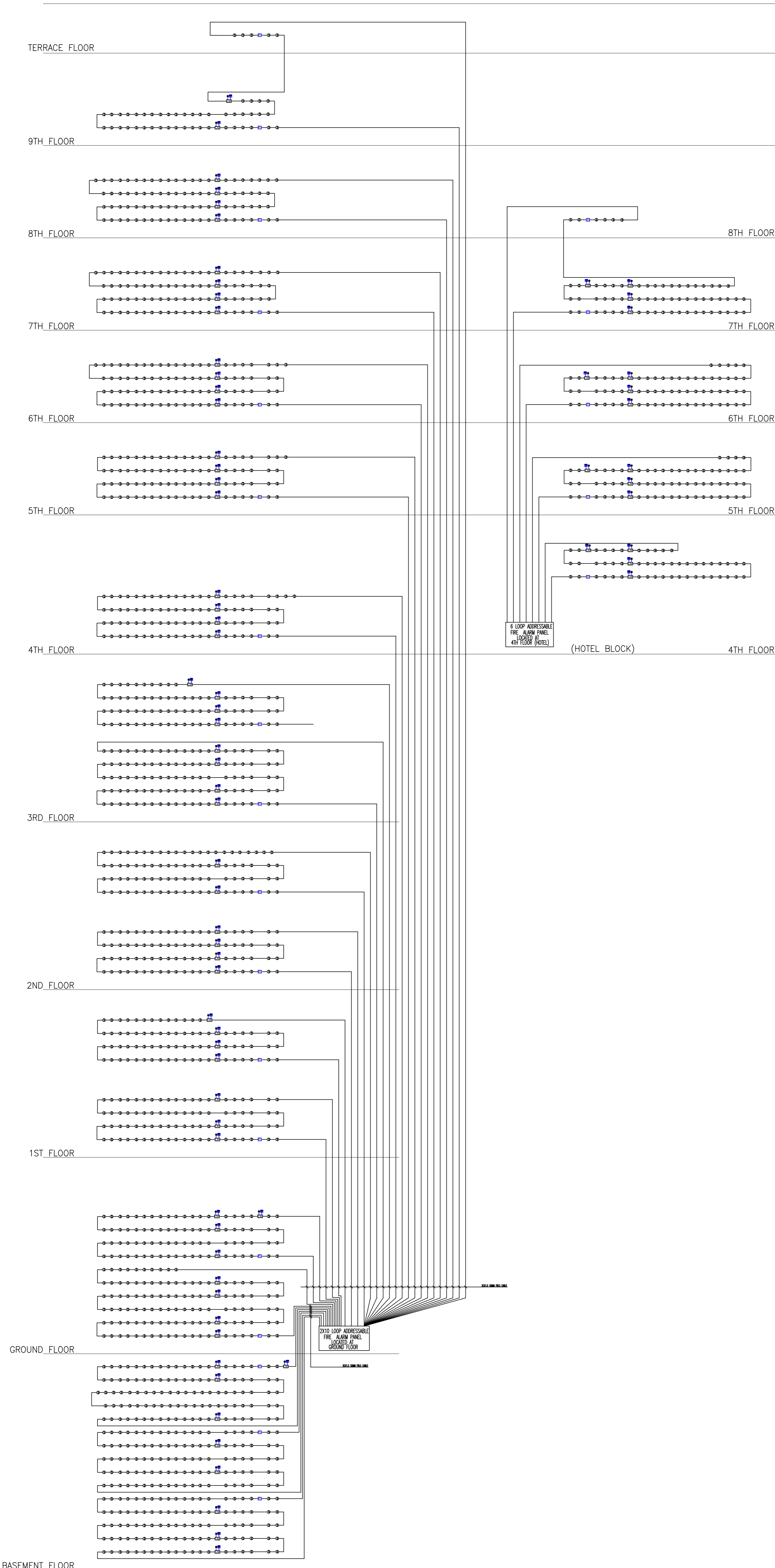
- NOTES:**
1. ALL DIMENSIONS AND LEVELS ARE IN M., UNLESS OTHERWISE MENTIONED.
 2. DRAWING SHALL NOT BE SCALED; ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
 3. NO WORK SHALL START WITHOUT APPROVED GOOD-FOR-CONSTRUCTION DRAWING.
 4. THIS IS THE CONCEPTUAL DRAWING AND DETAILED ENGINEERING DESIGN SHALL BE THE RESPONSIBILITY OF EXECUTING/ IMPLEMENTING AGENCIES.
 5. ACQUISITION OF LAND FOR IMPLEMENTATION OF PROJECT SHALL BE THE RESPONSIBILITY OF EXECUTING/ IMPLEMENTING AGENCIES.
 6. ALL REQUIRED STATUTORY CLEARANCES ARE TO BE OBTAINED BY THE EXECUTING/ IMPLEMENTING AGENCIES.
 7. THE NECESSARY PERMISSION FOR CUTTING OF TREES SHALL BE OBTAINED BY THE EXECUTING/ IMPLEMENTING AGENCIES FROM CONCERNED DEPT. AS PER THE EXISTING POLICY.

L E G E N D	
SYMBOL	DESCRIPTION
	IP DOME CAMERA
	IP BULLET CAMERA
	IP PTZ CAMERA ON POLE
	FOR PTZ CAMERA

STAGE II SUBMISSION

APPROVED BY: NHSRCL			
SIGNATURE:	DATE:	SIGNATURE:	DATE:
PREPARED BY: RITES LTD.			
SIGNATURE:	DATE:	SIGNATURE:	DATE:
TITLE:			

SABARMATI HSR TERMINAL



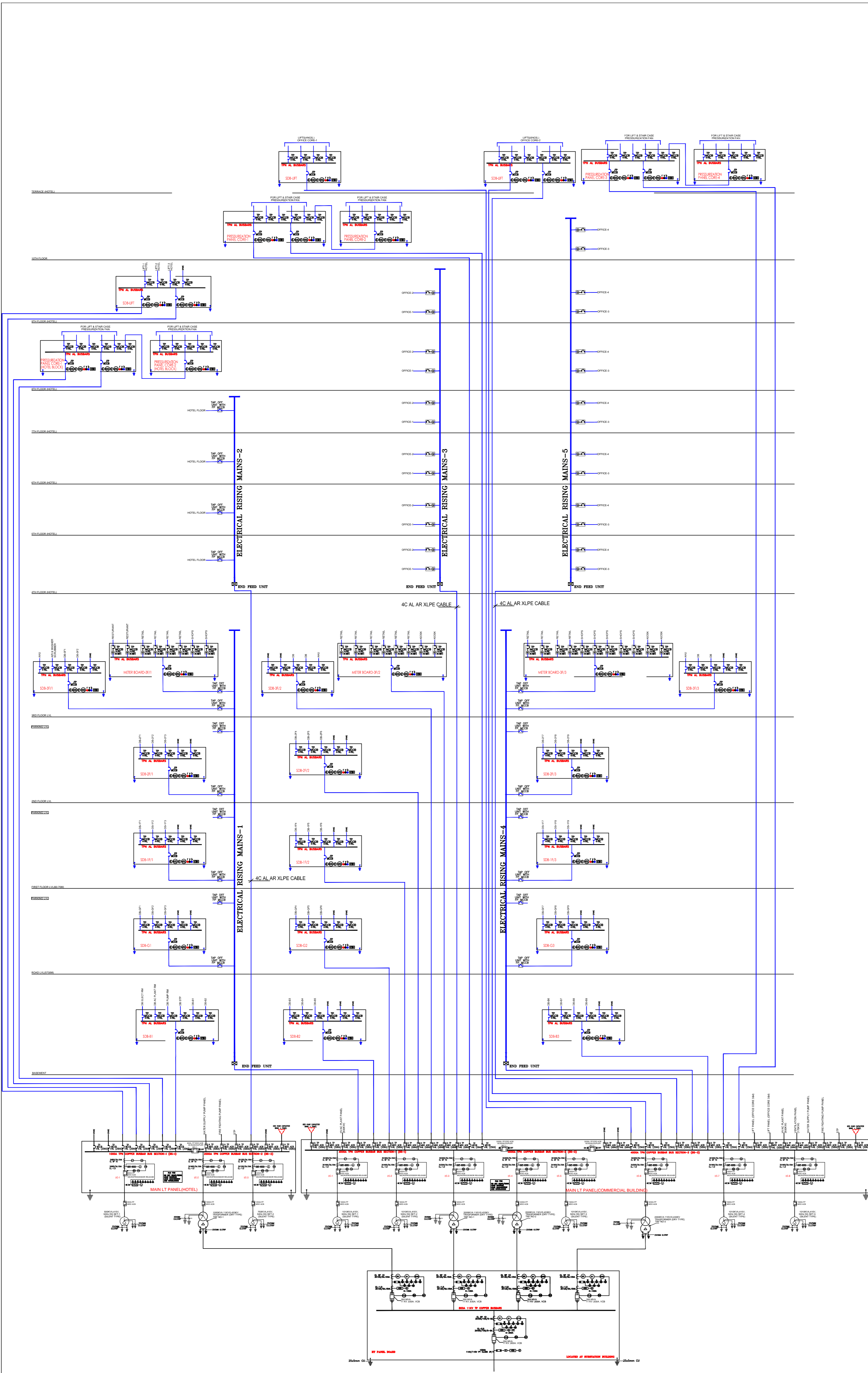
- NOTES:**
1. ALL DIMENSIONS AND LEVELS ARE IN M., UNLESS OTHERWISE MENTIONED.
 2. DRAWING SHALL NOT BE SCALED; ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
 3. NO WORK SHALL START WITHOUT APPROVED GOOD-FOR-CONSTRUCTION DRAWING.
 4. THIS IS THE CONCEPTUAL DRAWING AND DETAILED ENGINEERING DESIGN SHALL BE THE RESPONSIBILITY OF EXECUTING/ IMPLEMENTING AGENCIES.
 5. ACQUISITION OF LAND FOR IMPLEMENTATION OF PROJECT SHALL BE THE RESPONSIBILITY OF EXECUTING/ IMPLEMENTING AGENCIES.
 6. ALL REQUIRED STATUTORY CLEARANCES ARE TO BE OBTAINED BY THE EXECUTING/ IMPLEMENTING AGENCIES.
 7. THE NECESSARY PERMISSION FOR CUTTING OF TREES SHALL BE OBTAINED BY THE EXECUTING/ IMPLEMENTING AGENCIES FROM CONCERNED DEPT. AS PER THE EXISTING POLICY.

LEGEND	
(S)	MULTICRITERIA DETECTOR
(H)	HEAT DETECTOR
(B)	MANUAL CALL POINT ADDRESSABLE
	HOOTER CUM STROBE
CM	CONTROL MODULE
FI	FAULT ISOLATOR
	RESPONSE INDICATOR
	2CX1.5 SQMM FRLS CABLE
	2 LOOP FIRE ALARM PANEL

STAGE II SUBMISSION

APPROVED BY: NHSRCL			
SIGNATURE:	DATE:	SIGNATURE:	DATE:
PREPARED BY: RITES LTD.			
SIGNATURE:	DATE:	SIGNATURE:	DATE:
TITLE:			

SABARMATI HSR TERMINAL

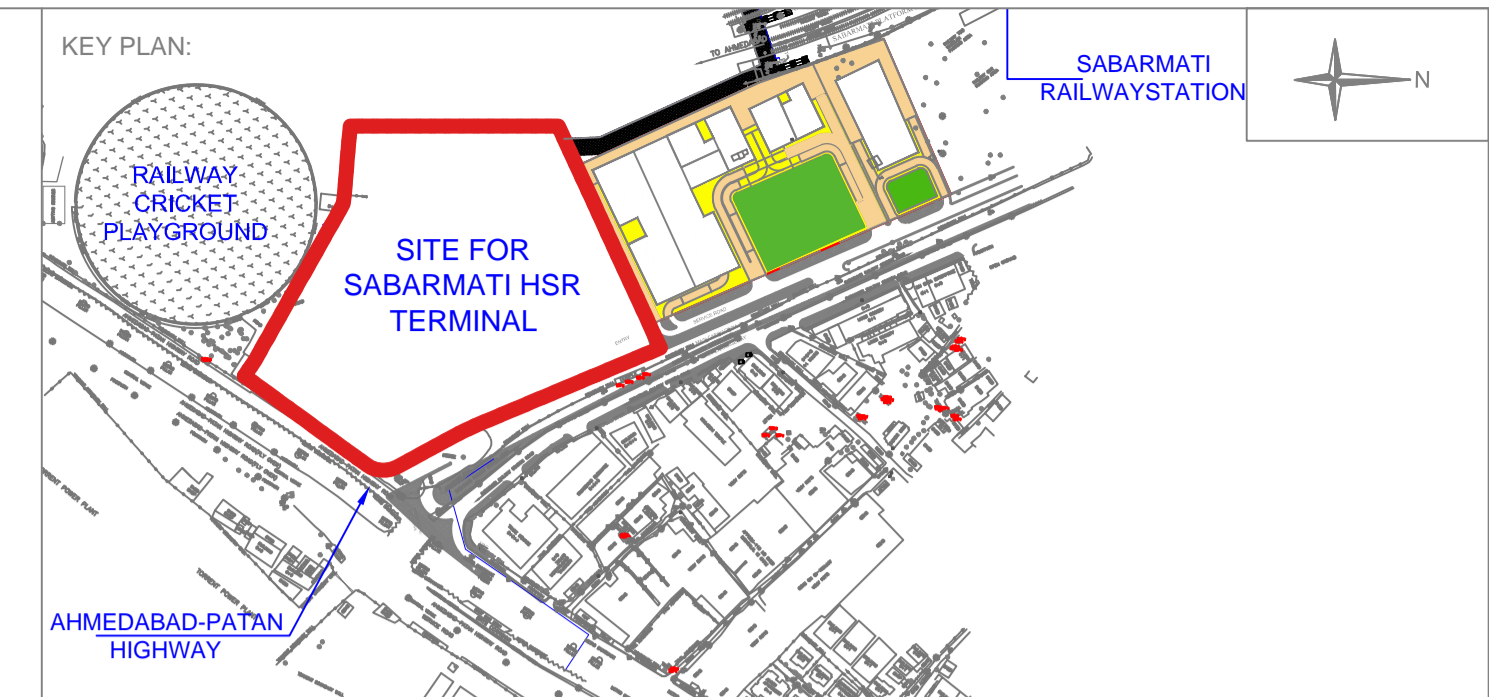
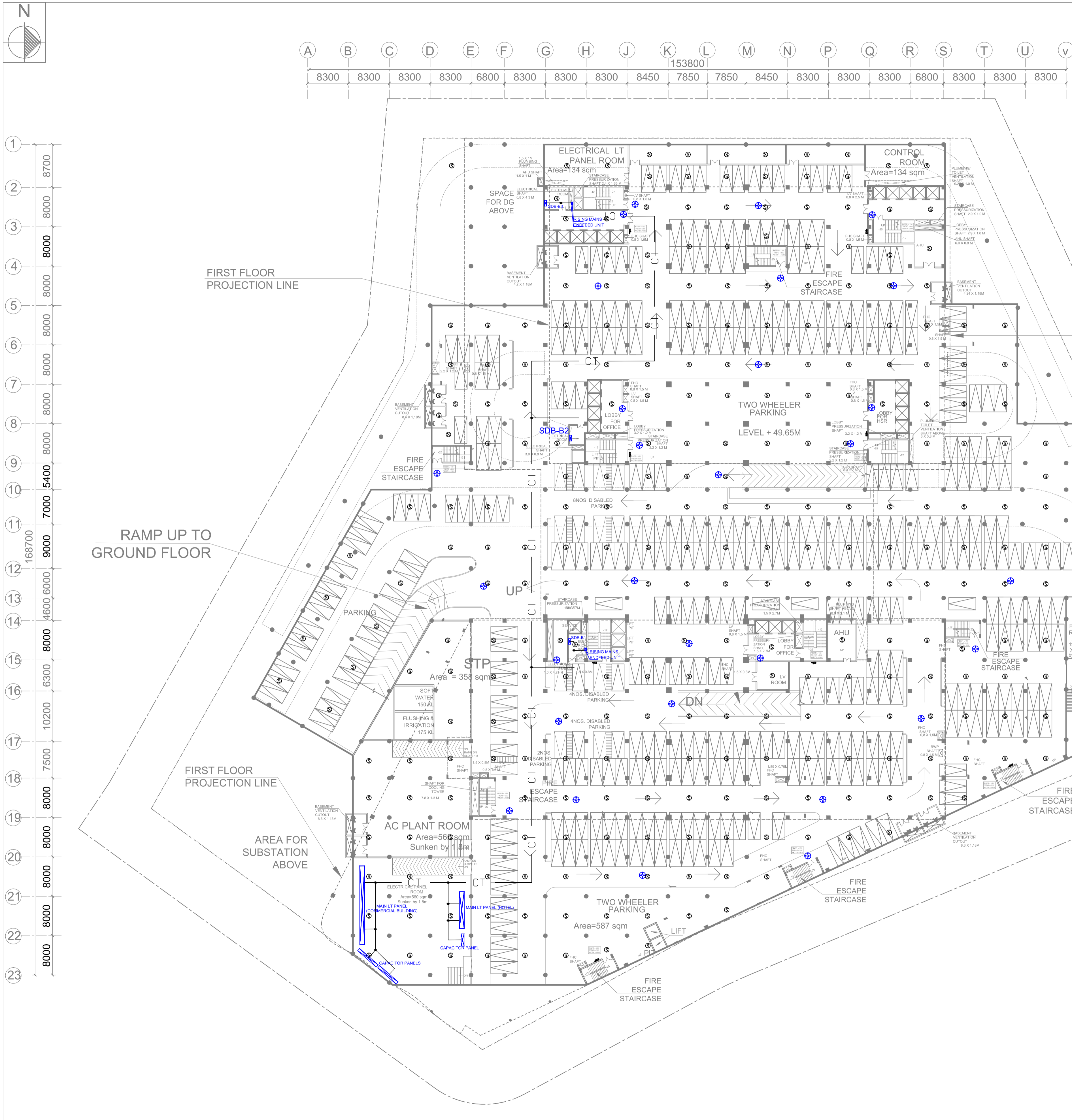


- NOTES:
1. ALL DIMENSIONS AND LEVELS ARE IN M, UNLESS OTHERWISE MENTIONED.
 2. DRAWING SHALL NOT BE SCALED; ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
 3. NO WORK SHALL START WITHOUT APPROVED GOOD-FOR-CONSTRUCTION DRAWING.
 4. THIS IS THE CONCEPTUAL DRAWING AND DETAILED ENGINEERING DESIGN SHALL BE THE RESPONSIBILITY OF EXECUTING/ IMPLEMENTING AGENCIES.
 5. ACQUISITION OF LAND FOR IMPLEMENTATION OF PROJECT SHALL BE THE RESPONSIBILITY OF EXECUTING/ IMPLEMENTING AGENCIES.
 6. ALL REQUIRED STATUTORY CLEARANCES ARE TO BE OBTAINED BY THE EXECUTING/ IMPLEMENTING AGENCIES.
 7. THE NECESSARY PERMISSION FOR CUTTING OF TREES SHALL BE OBTAINED BY THE EXECUTING/ IMPLEMENTING AGENCIES FROM CONCERNED DEPT. AS PER THE EXISTING POLICY.

LEGEND: --	
	VACUUM CIRCUIT BREAKER
	AIR CIRCUIT BREAKER
	CONTACTOR
	CURRENT TRANSFORMER
	TRANSFORMER
	POTENTIAL TRANSFORMER
	DIESEL GENERATING SET
	PROTECTION FUSE
	VOLTMETER
	VOLTMETER SELECTOR SWITCH
	AMMETER
	AMMETER SELECTOR SWITCH
	UNDER VOLTAGE RELAY
	OVER VOLTAGE RELAY
	TRIP CIRCUIT SUPERVISION RELAY
	OVER CURRENT RELAY (INSTANTANEOUS)
	OVER CURRENT RELAY
	AUXILLARY RELAY
	MASTER TRIP RELAY
	ANTI PUMPING RELAY
	EARTH FAULT RELAY (INSTANTANEOUS)
	EARTH FAULT RELAY
	NEGATIVE PHASE SEQUENCE RELAY
	FREQUENCY METER
	KILO WATT HOUR METER
	POWER FACTOR METER
	REVERSE POWER RELAY
	AUTOMATIC POWER FACTOR CORRECTION RELAY
	AUTO/ MANUAL SELECTOR RELAY
	CAPACITOR BANK
	SWITCH DISCONNECTOR FUSE UNIT
	TRIP CIRCUIT HEALTHY
	BREAKER ON
	BREAKER OFF
	AUTO TRIP
	PHASE INDICATING LAMP

STAGE II SUBMISSION

APPROVED BY:	NHSRCL		
SIGNATURE:	DATE:	SIGNATURE:	DATE:
PREPARED BY:	RITES LTD.		
SIGNATURE:	DATE:	SIGNATURE:	DATE:
TITLE:	SABARMATI HSR TERMINAL		



- NOTES:
1. ALL DIMENSIONS AND LEVELS ARE IN M., UNLESS OTHERWISE MENTIONED.
 2. DRAWING SHALL NOT BE SCALED; ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
 3. NO WORK SHALL START WITHOUT APPROVED GOOD-FOR-CONSTRUCTION DRAWING.
 4. THIS IS THE CONCEPTUAL DRAWING AND DETAILED ENGINEERING DESIGN SHALL BE THE RESPONSIBILITY OF EXECUTING/ IMPLEMENTING AGENCIES.
 5. ACQUISITION OF LAND FOR IMPLEMENTATION OF PROJECT SHALL BE THE RESPONSIBILITY OF EXECUTING/ IMPLEMENTING AGENCIES.
 6. ALL REQUIRED STATUTORY CLEARANCES ARE TO BE OBTAINED BY THE EXECUTING/ IMPLEMENTING AGENCIES.
 7. THE NECESSARY PERMISSION FOR CUTTING OF TREES SHALL BE OBTAINED BY THE EXECUTING/ IMPLEMENTING AGENCIES FROM CONCERNED DEPT. AS PER THE EXISTING POLICY.

LEGEND		
SYMBOL	DESCRIPTION	MOUNTING HEIGHT FROM FIN. FLR. LVL. IN mm.
	DOME TYPE CCTV CAMERA	ON CEILING/ AS PER SITE
	SMOKE DETECTOR	ON CEILING
	HEAT DETECTOR	ON CEILING
	FIRE ALARM HOOTER/SOUNDER	2400
	MANUAL CALL POINT/MANUAL BREAK GLASS UNIT	1200
	CONTROL MODULE	-----
	MAIN FIRE ALARM PANEL	FLOOR MOUNTED
	CABLE TRAY	-----
	ELECTRICAL PANEL	FLOOR MOUNTED

STAGE II SUBMISSION

APPROVED BY: NHSRCL

SIGNATURE:	DATE:	SIGNATURE:	DATE:
------------	-------	------------	-------

PREPARED BY: RITES LTD.

SIGNATURE:	DATE:	SIGNATURE:	DATE:
SIGNATURE:	DATE:	SIGNATURE:	DATE:

SABARMATI HSR TERMINAL

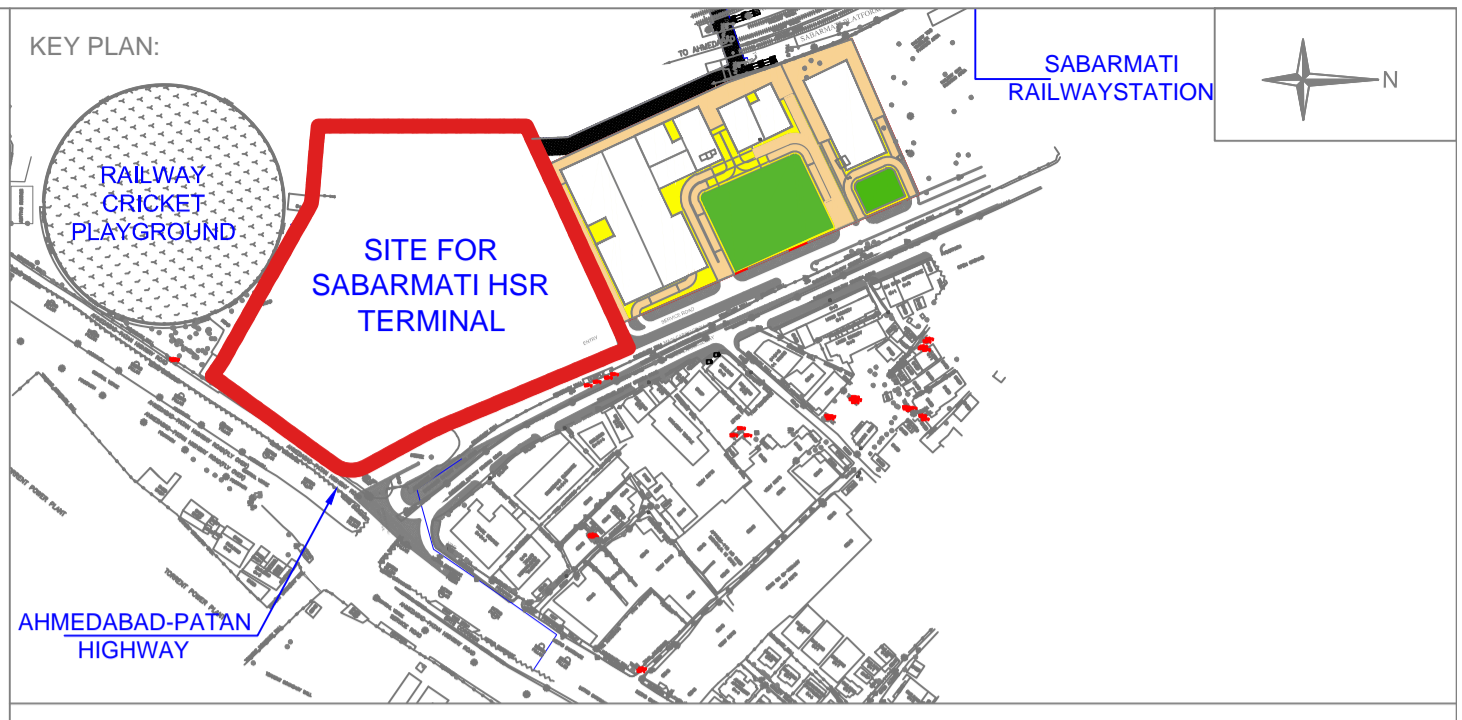
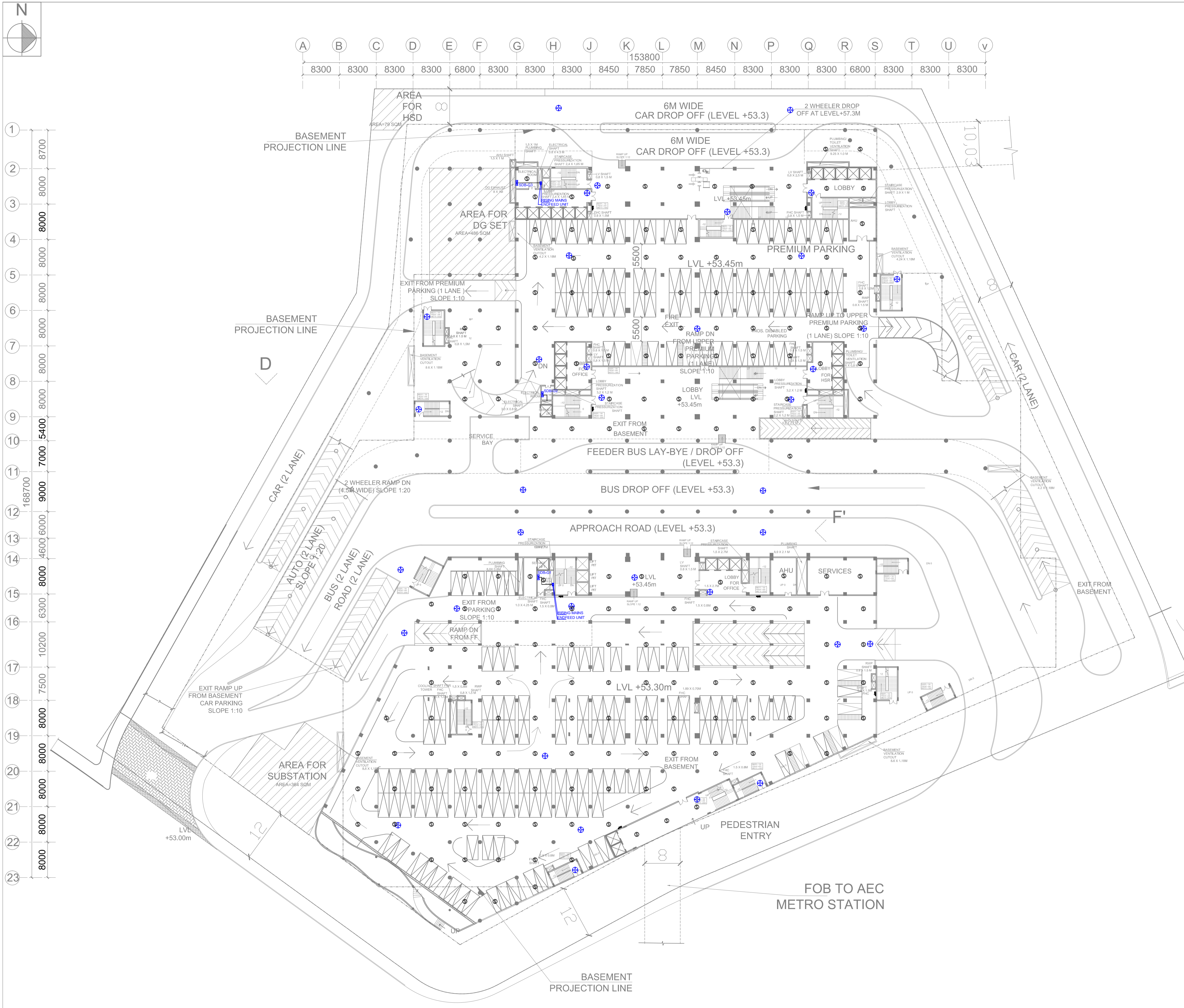
DWG TITLE: **BASEMENT ELECTRICAL AND LV LAYOUT**
 DWG NO: **HSR/SABARMATI/EL-14**
 SCALE: **1:400** REVISION: R0
 DATE: 15.06.2018

PROJECT : **MUMBAI - AHMEDABAD HIGH SPEED RAIL PROJECT**

OWNER : NHSRCL, Asia Bhawan, 2nd Floor, Sector 9, Dwarka, Delhi - 110077

CONSULTANT : RITES Bhawan, Plot No.1, Sector 29, Gurugram - 122001

ARCHITECTS : DESIGN WORKSHOP, 100B - C Block, Kalkaji, New Delhi - 110019



- NOTES:
1. ALL DIMENSIONS AND LEVELS ARE IN M., UNLESS OTHERWISE MENTIONED.
 2. DRAWING SHALL NOT BE SCALED; ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
 3. NO WORK SHALL START WITHOUT APPROVED GOOD-FOR-CONSTRUCTION DRAWING.
 4. THIS IS THE CONCEPTUAL DRAWING AND DETAILED ENGINEERING DESIGN SHALL BE THE RESPONSIBILITY OF EXECUTING/ IMPLEMENTING AGENCIES.
 5. ACQUISITION OF LAND FOR IMPLEMENTATION OF PROJECT SHALL BE THE RESPONSIBILITY OF EXECUTING/ IMPLEMENTING AGENCIES.
 6. ALL REQUIRED STATUTORY CLEARANCES ARE TO BE OBTAINED BY THE EXECUTING/ IMPLEMENTING AGENCIES.
 7. THE NECESSARY PERMISSION FOR CUTTING OF TREES SHALL BE OBTAINED BY THE EXECUTING/ IMPLEMENTING AGENCIES FROM CONCERNED DEPT. AS PER THE EXISTING POLICY.

LEGEND		
SYMBOL	DESCRIPTION	MOUNTING HEIGHT FROM FIN. FLR. LVL. IN mm.
	DOME TYPE CCTV CAMERA	ON CEILING/ AS PER SITE
	SMOKE DETECTOR	ON CEILING
	HEAT DETECTOR	ON CEILING
	FIRE ALARM HOOTER/SOUNDER	2400
	MANUAL CALL POINT/MANUAL BREAK GLASS UNIT	1200
	CONTROL MODULE	-----
	MAIN FIRE ALARM PANEL	FLOOR MOUNTED
	CABLE TRAY	-----
	ELECTRICAL PANEL	FLOOR MOUNTED

STAGE II SUBMISSION

APPROVED BY: NHSRCL

SIGNATURE:	DATE:	SIGNATURE:	DATE:
------------	-------	------------	-------

PREPARED BY: RITES LTD.

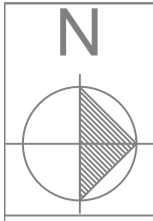
SIGNATURE:	DATE:	SIGNATURE:	DATE:
------------	-------	------------	-------

TITLE:

SABARMATI HSR TERMINAL

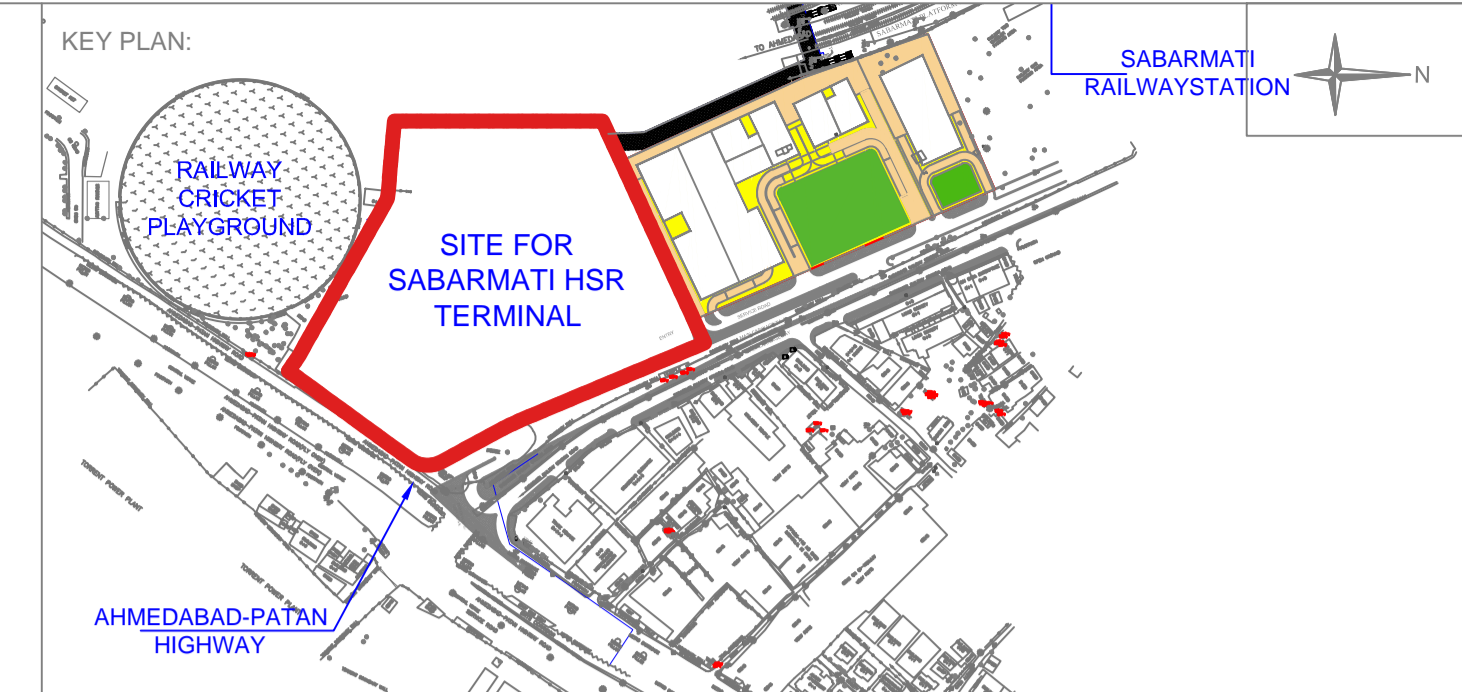
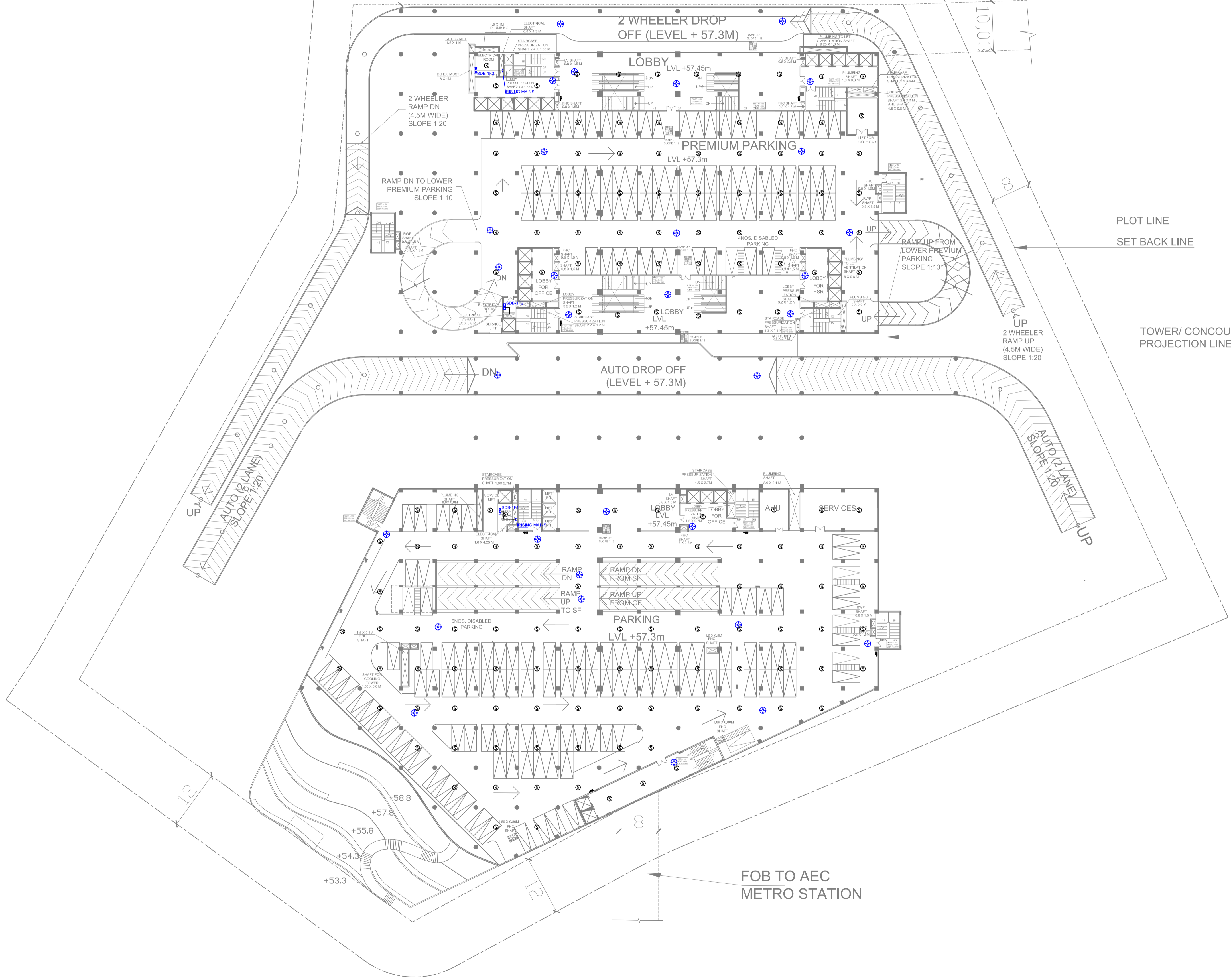
DWG TITLE: GROUND FLOOR ELECTRICAL AND LV LAYOUT	REVISION: R0
DWG NO: HSR/SABARMATI/EL-03	DATE: 15.06.2018
SCALE: 1:400	

PROJECT : MUMBAI - AHMEDABAD HIGH SPEED RAIL PROJECT	CONSULTANT : RITES THE INFRASTRUCTURE PEOPLE RITES Bhawan, Plot No.1, Sector 29, Gurugram - 122001	ARCHITECTS : W DESIGN WORKSHOP 100B - C Block, Kalkaji, New Delhi - 110019
OWNER : NHSRCL NHSRCL, Asia Bhawan, 2nd Floor, Sector 9, Dwarka, Delhi - 110077		



Grid lines: A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R, S, T, U, V
 Dimensions: 8300, 8300, 8300, 8300, 6800, 8300, 8300, 8300, 8300, 8450, 7850, 7850, 8450, 8300, 8300, 8300, 6800, 8300, 8300

Grid lines: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23
 Dimensions: 8700, 8000, 8000, 8000, 8000, 8000, 8000, 8000, 8000, 5400, 7000, 9000, 4600, 6000, 8000, 10200, 7500, 8000, 8000, 8000, 8000, 8000, 8000



- NOTES:
1. ALL DIMENSIONS AND LEVELS ARE IN M., UNLESS OTHERWISE MENTIONED.
 2. DRAWING SHALL NOT BE SCALED; ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
 3. NO WORK SHALL START WITHOUT APPROVED GOOD-FOR-CONSTRUCTION DRAWING.
 4. THIS IS THE CONCEPTUAL DRAWING AND DETAILED ENGINEERING DESIGN SHALL BE THE RESPONSIBILITY OF EXECUTING/ IMPLEMENTING AGENCIES.
 5. ACQUISITION OF LAND FOR IMPLEMENTATION OF PROJECT SHALL BE THE RESPONSIBILITY OF EXECUTING/ IMPLEMENTING AGENCIES.
 6. ALL REQUIRED STATUTORY CLEARANCES ARE TO BE OBTAINED BY THE EXECUTING/ IMPLEMENTING AGENCIES.
 7. THE NECESSARY PERMISSION FOR CUTTING OF TREES SHALL BE OBTAINED BY THE EXECUTING/ IMPLEMENTING AGENCIES FROM CONCERNED DEPT. AS PER THE EXISTING POLICY.

LEGEND		
SYMBOL	DESCRIPTION	MOUNTING HEIGHT FROM FIN. FLR. LVL. IN mm.
	DOME TYPE CCTV CAMERA	ON CEILING/ AS PER SITE
	SMOKE DETECTOR	ON CEILING
	HEAT DETECTOR	ON CEILING
	FIRE ALARM HOOTER/SOUNDER	2400
	MANUAL CALL POINT/MANUAL BREAK GLASS UNIT	1200
	CONTROL MODULE	-----
	MAIN FIRE ALARM PANEL	FLOOR MOUNTED
	CABLE TRAY	-----
	ELECTRICAL PANEL	FLOOR MOUNTED

STAGE II SUBMISSION

APPROVED BY: **NHSRCL**

SIGNATURE:	DATE:	SIGNATURE:	DATE:
------------	-------	------------	-------

PREPARED BY: **BITES LTD.**

SIGNATURE:	DATE:	SIGNATURE:	DATE:	SIGNATURE:	DATE:
------------	-------	------------	-------	------------	-------

SABARMATI HSR TERMINAL

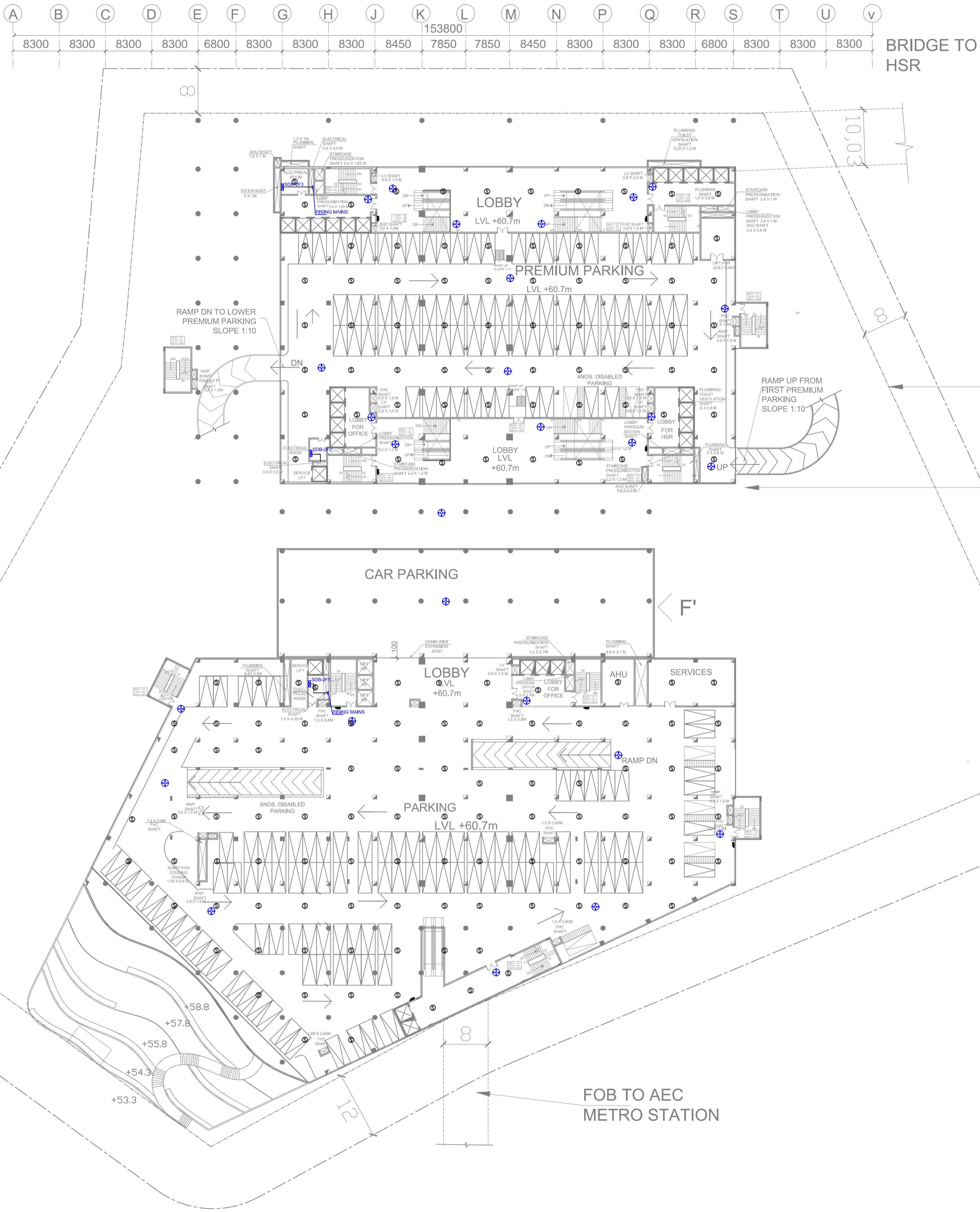
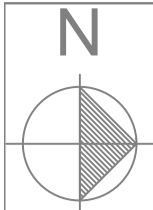
DWG TITLE: **FIRST FLOOR ELECTRICAL AND LV LAYOUT**
 DWG NO: **HSR/SABARMATI/EL-04**
 SCALE: **1:400**
 REVISION: R0
 DATE: **15.06.2018**

PROJECT: **MUMBAI - AHMEDABAD HIGH SPEED RAIL PROJECT**

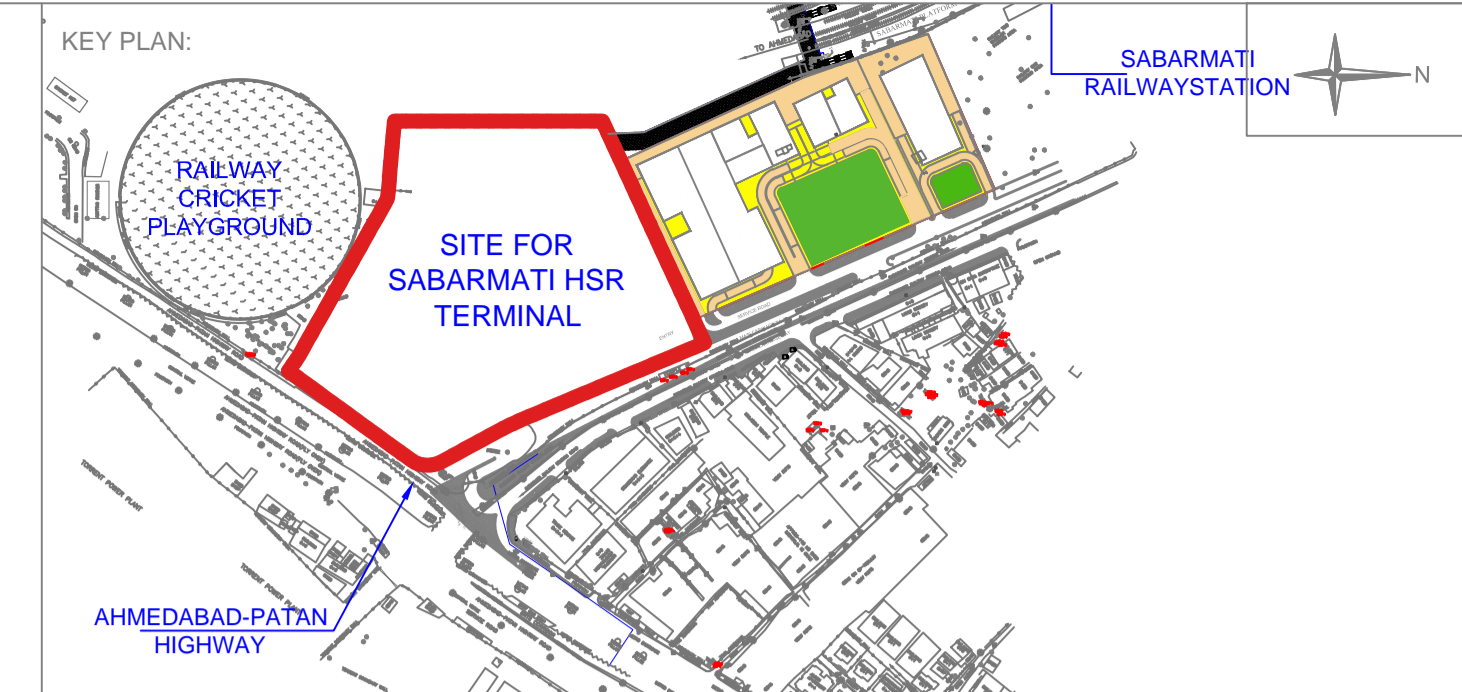
OWNER: **NHSRCL**, Asia Bhawan, 2nd Floor, Sector 9, Dwarka, Delhi - 110077

CONSULTANT: **BITES** THE INFRASTRUCTURE PEOPLE, RITES Bhawan, Plot No.1, Sector 29, Gurugram - 122001

ARCHITECTS: **Wd** DESIGN WORKSHOP, 100B - C Block, Kalkaji, New Delhi - 110019



1 8700
 2 8000
 3 8000
 4 8000
 5 8000
 6 8000
 7 8000
 8 8000
 9 5400
 10 7000
 11 9000
 12 168700
 13 4600
 14 6000
 15 8000
 16 6300
 17 10200
 18 7500
 19 8000
 20 8000
 21 8000
 22 8000
 23 8000



- NOTES:
1. ALL DIMENSIONS AND LEVELS ARE IN M., UNLESS OTHERWISE MENTIONED.
 2. DRAWING SHALL NOT BE SCALED; ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
 3. NO WORK SHALL START WITHOUT APPROVED GOOD-FOR-CONSTRUCTION DRAWING.
 4. THIS IS THE CONCEPTUAL DRAWING AND DETAILED ENGINEERING DESIGN SHALL BE THE RESPONSIBILITY OF EXECUTING/ IMPLEMENTING AGENCIES.
 5. ACQUISITION OF LAND FOR IMPLEMENTATION OF PROJECT SHALL BE THE RESPONSIBILITY OF EXECUTING/ IMPLEMENTING AGENCIES.
 6. ALL REQUIRED STATUTORY CLEARANCES ARE TO BE OBTAINED BY THE EXECUTING/ IMPLEMENTING AGENCIES.
 7. THE NECESSARY PERMISSION FOR CUTTING OF TREES SHALL BE OBTAINED BY THE EXECUTING/ IMPLEMENTING AGENCIES FROM CONCERNED DEPT. AS PER THE EXISTING POLICY.

LEGEND		
SYMBOL	DESCRIPTION	MOUNTING HEIGHT FROM FIN. FLR. LVL. IN mm.
	DOME TYPE CCTV CAMERA	ON CEILING/ AS PER SITE
	SMOKE DETECTOR	ON CEILING
	HEAT DETECTOR	ON CEILING
	FIRE ALARM HOOTER/SOUNDER	2400
	MANUAL CALL POINT/MANUAL BREAK GLASS UNIT	1200
	CONTROL MODULE	-----
	MAIN FIRE ALARM PANEL	FLOOR MOUNTED
	CABLE TRAY	-----
	ELECTRICAL PANEL	FLOOR MOUNTED

STAGE II SUBMISSION

APPROVED BY: NHSRCL

SIGNATURE:	DATE:	SIGNATURE:	DATE:
------------	-------	------------	-------

PREPARED BY: RITES LTD.

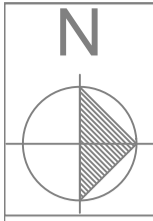
SIGNATURE:	DATE:	SIGNATURE:	DATE:	SIGNATURE:	DATE:
------------	-------	------------	-------	------------	-------

TITLE:

SABARMATI HSR TERMINAL

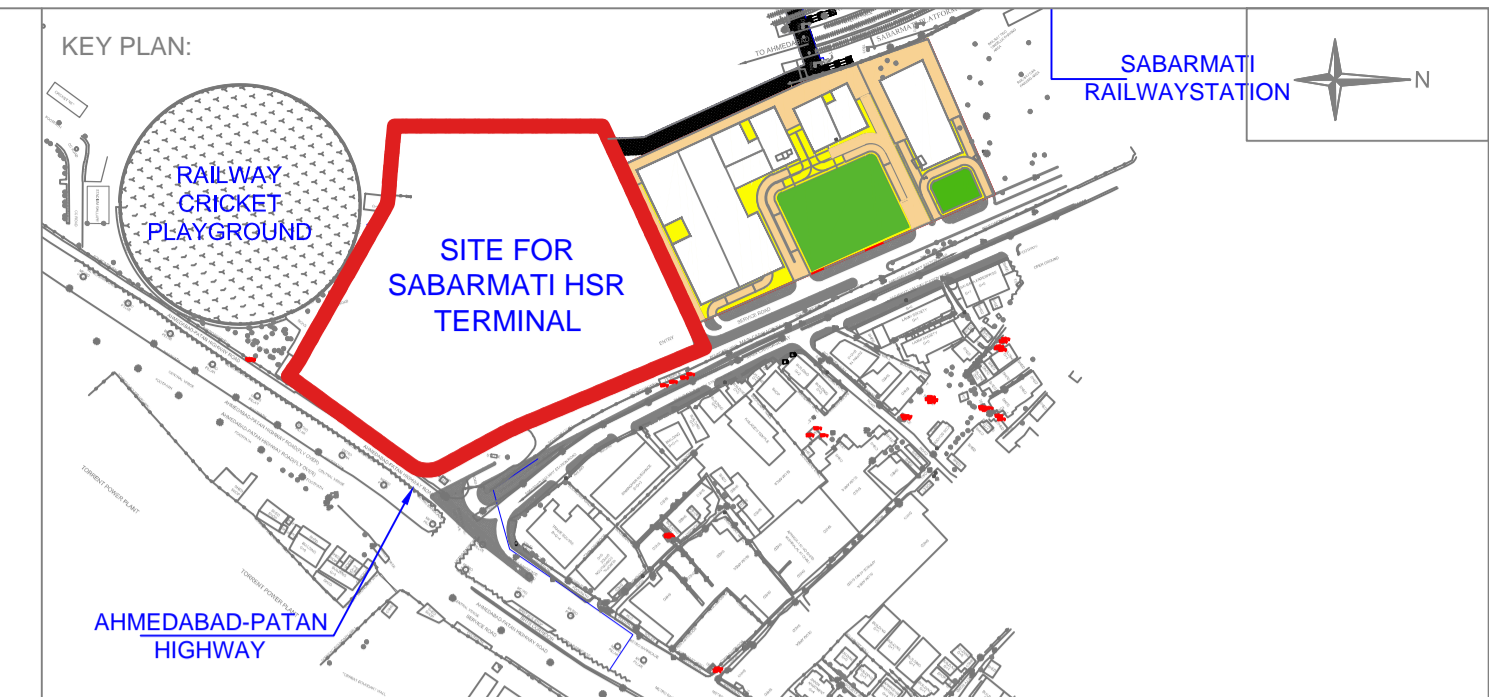
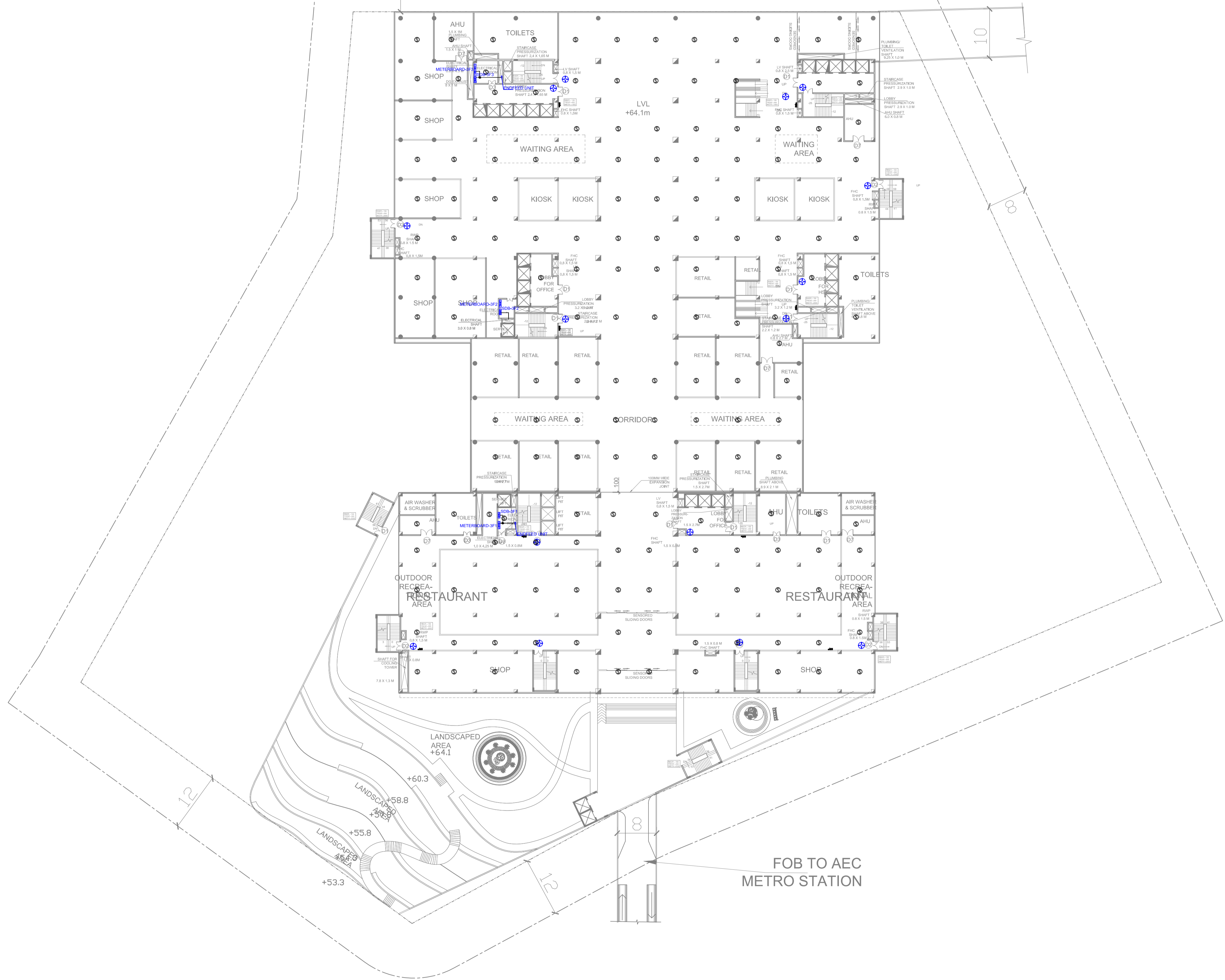
PROJECT : MUMBAI - AHMEDABAD HIGH SPEED RAIL PROJECT		CONSULTANT : RITES Bhawan, Plot No.1, Sector 29, Gurugram - 122001		ARCHITECTS : DESIGN WORKSHOP 100B - C Block, Kalkaji, New Delhi - 110019	
OWNER : NHSRCL, Asia Bhawan, 2nd Floor, Sector 9, Dwarka, Delhi - 110077					

DWG TITLE: SECOND FLOOR ELECTRICAL AND LV LAYOUT	REVISION: R0
DWG NO: HSR/SABARMATI/EL-05	DATE: 15.06.2018
SCALE : 1:400	



A B C D E F G H J K L M N P Q R S T U V
 8300 8300 8300 8300 6800 8300 8300 8300 8450 7850 7850 8450 8300 8300 8300 6800 8300 8300

1 8700
 2 8000
 3 8000
 4 8000
 5 8000
 6 8000
 7 8000
 8 8000
 9 8000
 10 5400
 11 9000
 12 6000
 13 6000
 14 8000
 15 6300
 16 10200
 17 7500
 18 8000
 19 8000
 20 8000
 21 8000
 22 8000
 23 8000



- NOTES:
1. ALL DIMENSIONS AND LEVELS ARE IN M., UNLESS OTHERWISE MENTIONED.
 2. DRAWING SHALL NOT BE SCALED; ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
 3. NO WORK SHALL START WITHOUT APPROVED GOOD-FOR-CONSTRUCTION DRAWING.
 4. THIS IS THE CONCEPTUAL DRAWING AND DETAILED ENGINEERING DESIGN SHALL BE THE RESPONSIBILITY OF EXECUTING/ IMPLEMENTING AGENCIES.
 5. ACQUISITION OF LAND FOR IMPLEMENTATION OF PROJECT SHALL BE THE RESPONSIBILITY OF EXECUTING/ IMPLEMENTING AGENCIES.
 6. ALL REQUIRED STATUTORY CLEARANCES ARE TO BE OBTAINED BY THE EXECUTING/ IMPLEMENTING AGENCIES.
 7. THE NECESSARY PERMISSION FOR CUTTING OF TREES SHALL BE OBTAINED BY THE EXECUTING/ IMPLEMENTING AGENCIES FROM CONCERNED DEPT. AS PER THE EXISTING POLICY.

SYMBOL	DESCRIPTION	MOUNTING HEIGHT FROM FIN. FLR. LVL. IN mm.
	DOMI TYPE CCTV CAMERA	ON CEILING/ AS PER SITE
	SMOKE DETECTOR	ON CEILING
	HEAT DETECTOR	ON CEILING
	FIRE ALARM HOOTER/SOUNDER	2400
	MANUAL CALL POINT/MANUAL BREAK GLASS UNIT	1200
	CONTROL MODULE	-----
	MAIN FIRE ALARM PANEL	FLOOR MOUNTED
	CABLE TRAY	-----
	ELECTRICAL PANEL	FLOOR MOUNTED

STAGE II SUBMISSION

APPROVED BY: NHSRCL

SIGNATURE: DATE: SIGNATURE: DATE:

PREPARED BY: RITES LTD.

SIGNATURE: DATE: SIGNATURE: DATE: SIGNATURE: DATE:

SABARMATI HSR TERMINAL

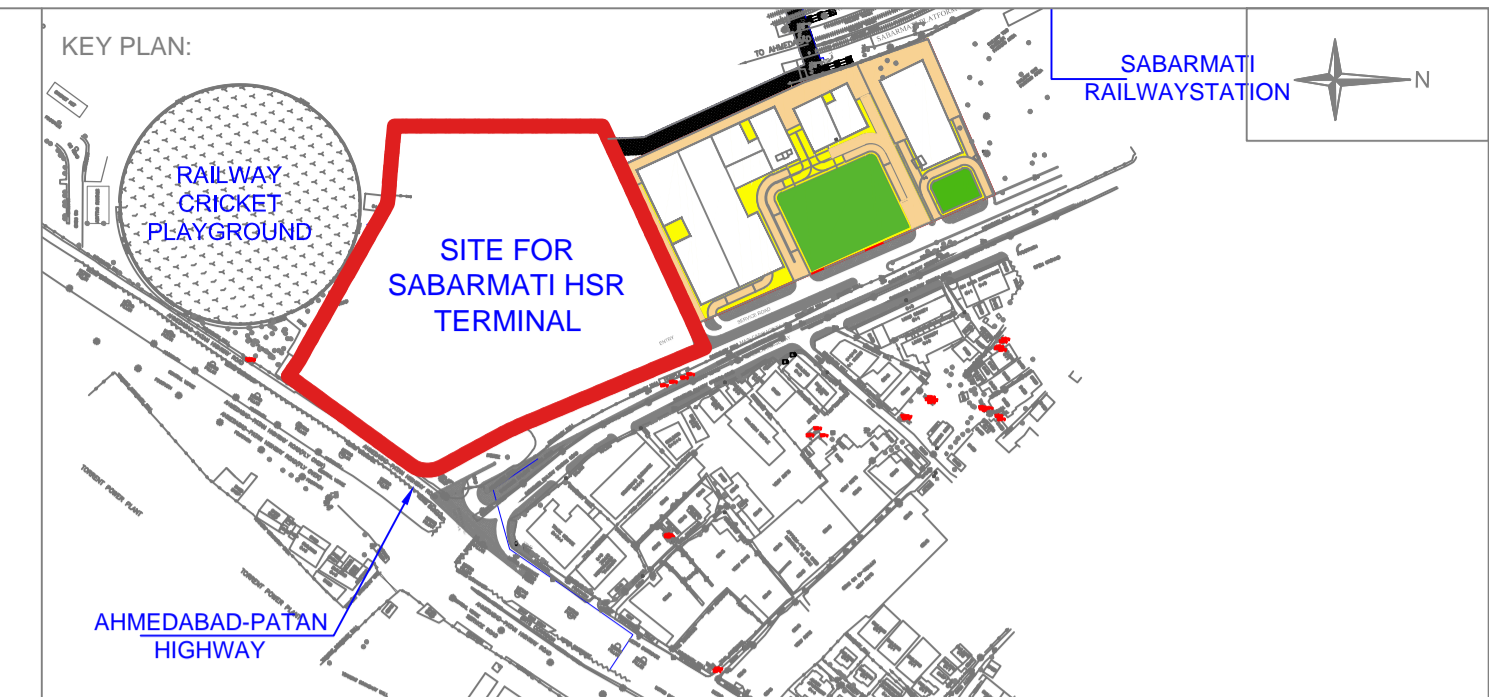
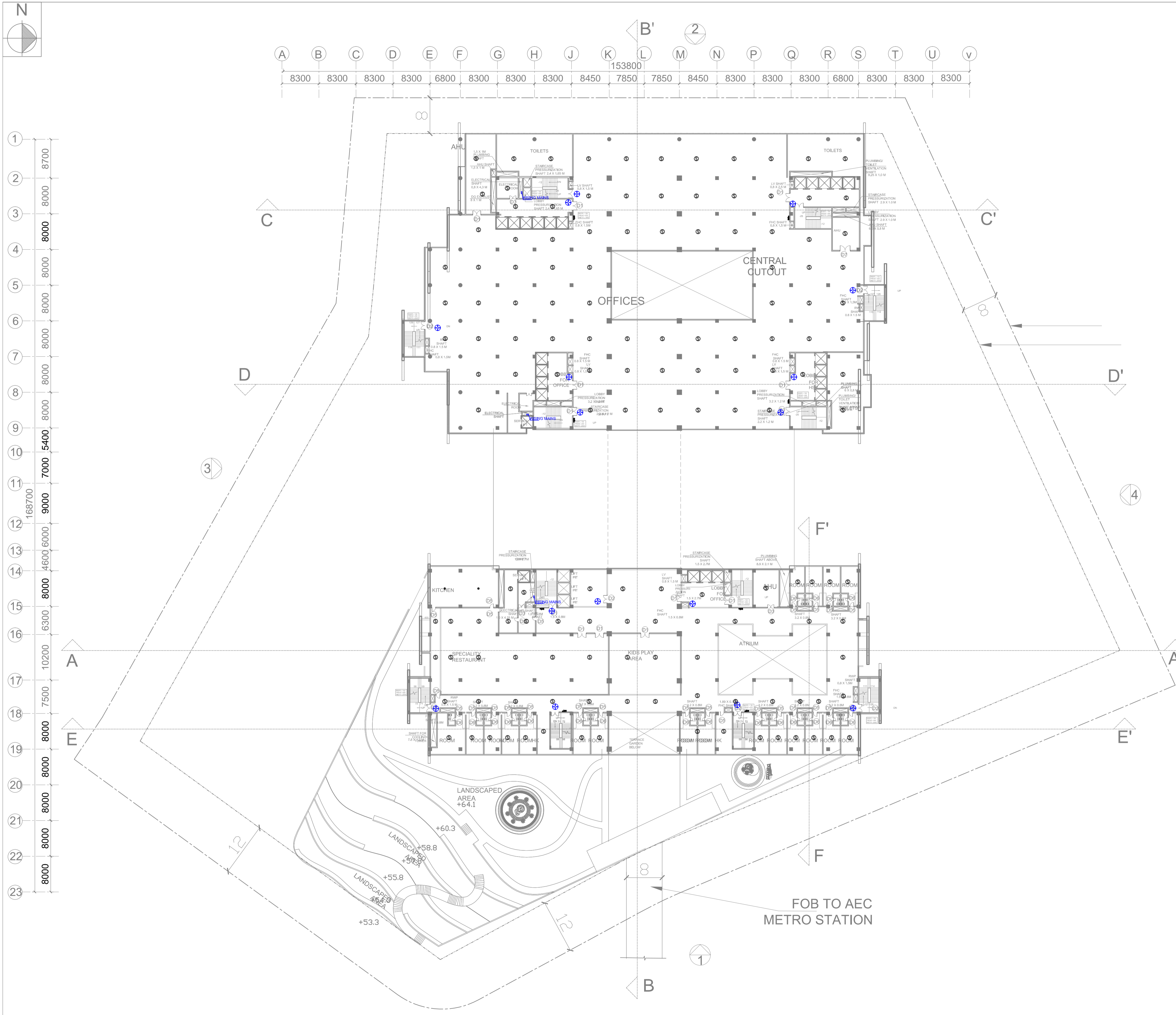
DWG TITLE: **THIRD FLOOR ELECTRICAL AND LV LAYOUT**
 DWG NO: **HSR/SABARMATI/EL-06**
 SCALE: **1:400** REVISION: R0
 DATE: 15.06.2018

PROJECT : MUMBAI - AHMEDABAD HIGH SPEED RAIL PROJECT

OWNER : NHSRCL, Asia Bhawan, 2nd Floor, Sector 9, Dwarka, Delhi - 110077

CONSULTANT : RITES Bhawan, Plot No.1, Sector 29, Gurugram - 122001

ARCHITECTS : DESIGN WORKSHOP 100B - C Block, Kalkaji, New Delhi - 110019



- NOTES:**
1. ALL DIMENSIONS AND LEVELS ARE IN M., UNLESS OTHERWISE MENTIONED.
 2. DRAWING SHALL NOT BE SCALED; ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
 3. NO WORK SHALL START WITHOUT APPROVED GOOD-FOR-CONSTRUCTION DRAWING.
 4. THIS IS THE CONCEPTUAL DRAWING AND DETAILED ENGINEERING DESIGN SHALL BE THE RESPONSIBILITY OF EXECUTING/ IMPLEMENTING AGENCIES.
 5. ACQUISITION OF LAND FOR IMPLEMENTATION OF PROJECT SHALL BE THE RESPONSIBILITY OF EXECUTING/ IMPLEMENTING AGENCIES.
 6. ALL REQUIRED STATUTORY CLEARANCES ARE TO BE OBTAINED BY THE EXECUTING/ IMPLEMENTING AGENCIES.
 7. THE NECESSARY PERMISSION FOR CUTTING OF TREES SHALL BE OBTAINED BY THE EXECUTING/ IMPLEMENTING AGENCIES FROM CONCERNED DEPT. AS PER THE EXISTING POLICY.

SYMBOL	DESCRIPTION	MOUNTING HEIGHT FROM FIN. FLR. LVL. IN mm.
	DOMI TYPE CCTV CAMERA	ON CEILING/ AS PER SITE
	SMOKE DETECTOR	ON CEILING
	HEAT DETECTOR	ON CEILING
	FIRE ALARM HOOTER/SOUNDER	2400
	MANUAL CALL POINT/MANUAL BREAK GLASS UNIT	1200
	CONTROL MODULE	-----
	MAIN FIRE ALARM PANEL	FLOOR MOUNTED
	CABLE TRAY	-----
	ELECTRICAL PANEL	FLOOR MOUNTED

STAGE II SUBMISSION

APPROVED BY: **NHSRCL**

SIGNATURE: _____ DATE: _____ SIGNATURE: _____ DATE: _____

PREPARED BY: **BITES LTD.**

SIGNATURE: _____ DATE: _____ SIGNATURE: _____ DATE: _____ SIGNATURE: _____ DATE: _____

SABARMATI HSR TERMINAL

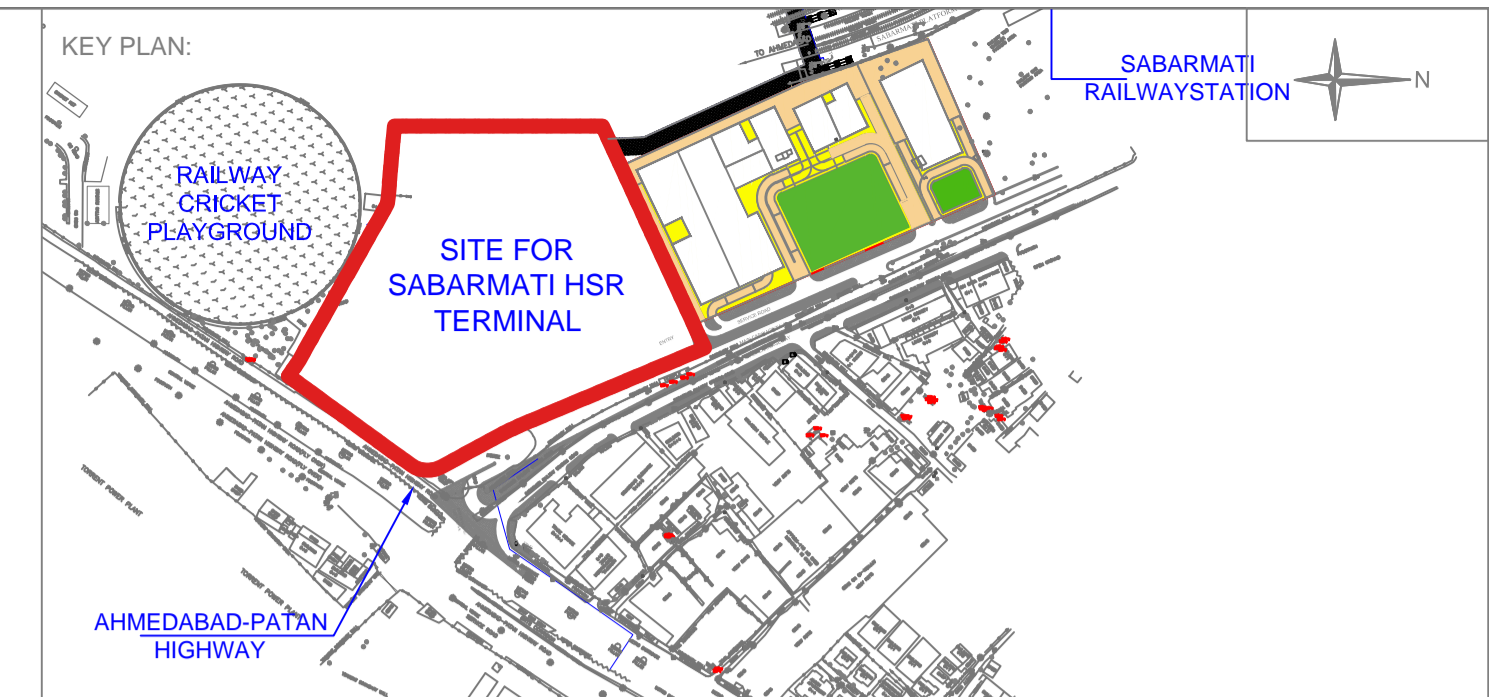
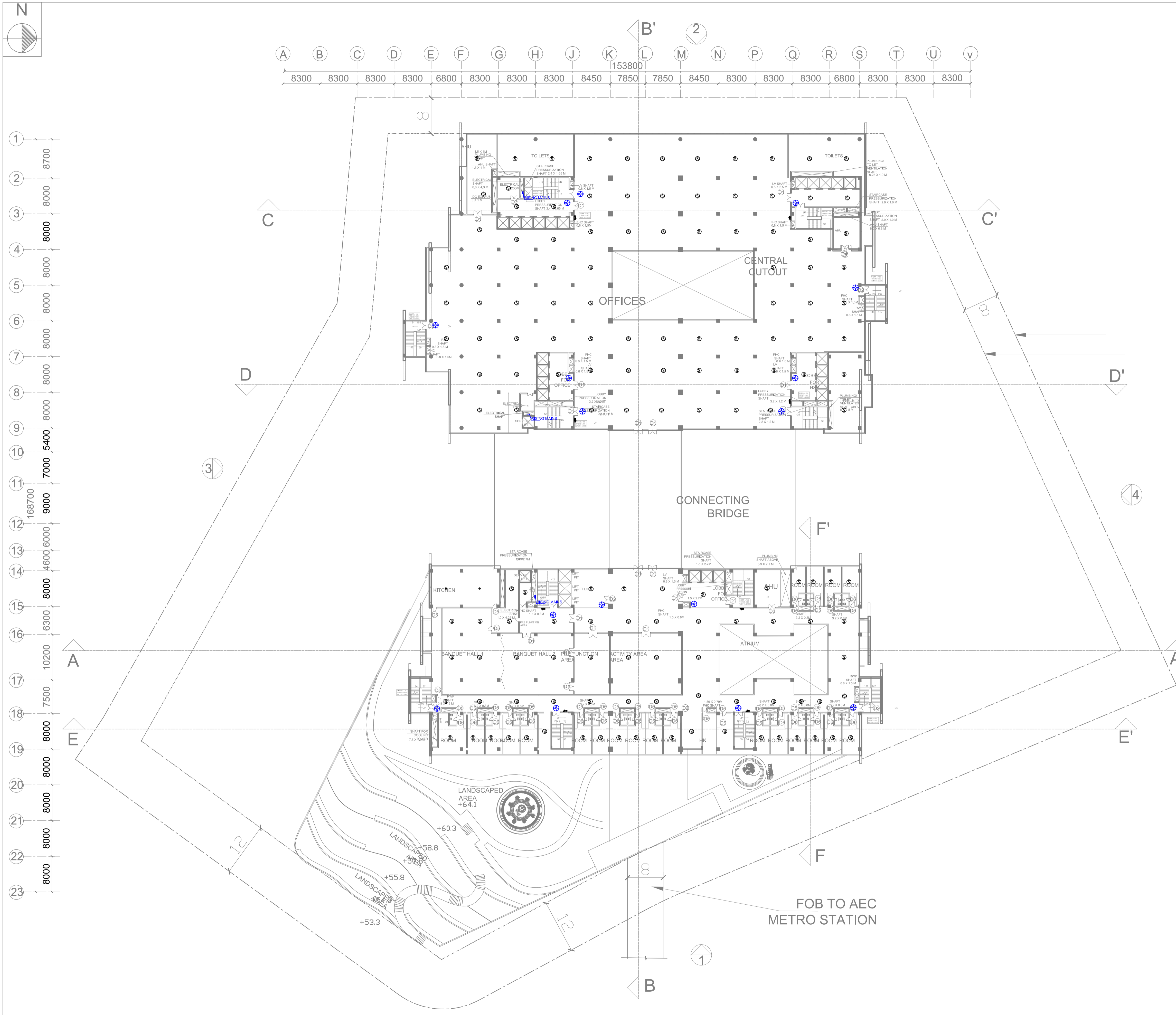
DWG TITLE: **FIFTH ELECTRICAL AND LV LAYOUT**
 DWG NO: **HSR/SABARMATI/EL-08**
 SCALE: **1:400** REVISION: R0
 DATE: **15.06.2018**

PROJECT: **MUMBAI - AHMEDABAD HIGH SPEED RAIL PROJECT**

OWNER: **NHSRCL**, Asia Bhawan, 2nd Floor, Sector 9, Dwarka, Delhi - 110077

CONSULTANT: **RITES** THE INFRASTRUCTURE PEOPLE, RITES Bhawan, Plot No.1, Sector 29, Gurugram - 122001

ARCHITECTS: **W** DESIGN WORKSHOP, 100B - C Block, Kalkaji, New Delhi - 110019



- NOTES:**
1. ALL DIMENSIONS AND LEVELS ARE IN M., UNLESS OTHERWISE MENTIONED.
 2. DRAWING SHALL NOT BE SCALED; ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
 3. NO WORK SHALL START WITHOUT APPROVED GOOD-FOR-CONSTRUCTION DRAWING.
 4. THIS IS THE CONCEPTUAL DRAWING AND DETAILED ENGINEERING DESIGN SHALL BE THE RESPONSIBILITY OF EXECUTING/ IMPLEMENTING AGENCIES.
 5. ACQUISITION OF LAND FOR IMPLEMENTATION OF PROJECT SHALL BE THE RESPONSIBILITY OF EXECUTING/ IMPLEMENTING AGENCIES.
 6. ALL REQUIRED STATUTORY CLEARANCES ARE TO BE OBTAINED BY THE EXECUTING/ IMPLEMENTING AGENCIES.
 7. THE NECESSARY PERMISSION FOR CUTTING OF TREES SHALL BE OBTAINED BY THE EXECUTING/ IMPLEMENTING AGENCIES FROM CONCERNED DEPT. AS PER THE EXISTING POLICY.

SYMBOL	DESCRIPTION	MOUNTING HEIGHT FROM FIN. FLR. LVL. IN mm.
	DOMI TYPE CCTV CAMERA	ON CEILING/ AS PER SITE
	SMOKE DETECTOR	ON CEILING
	HEAT DETECTOR	ON CEILING
	FIRE ALARM HOOTER/SOUNDER	2400
	MANUAL CALL POINT/MANUAL BREAK GLASS UNIT	1200
	CONTROL MODULE	-----
	MAIN FIRE ALARM PANEL	FLOOR MOUNTED
	CABLE TRAY	-----
	ELECTRICAL PANEL	FLOOR MOUNTED

STAGE II SUBMISSION

APPROVED BY: NHSRCL

SIGNATURE: _____ DATE: _____ SIGNATURE: _____ DATE: _____

PREPARED BY: RITES LTD.

SIGNATURE: _____ DATE: _____ SIGNATURE: _____ DATE: _____ SIGNATURE: _____ DATE: _____

TITLE:

SABARMATI HSR TERMINAL

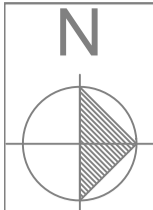
DWG TITLE: SIXTH FLOOR ELECTRICAL AND LV LAYOUT	
DWG NO: HSR/SABARMATI/EL-09	
SCALE: 1:400	REVISION: R0
	DATE: 15.06.2018

PROJECT : **MUMBAI - AHMEDABAD HIGH SPEED RAIL PROJECT**

OWNER : NHSRCL, Asia Bhawan, 2nd Floor, Sector 9, Dwarka, Delhi - 110077

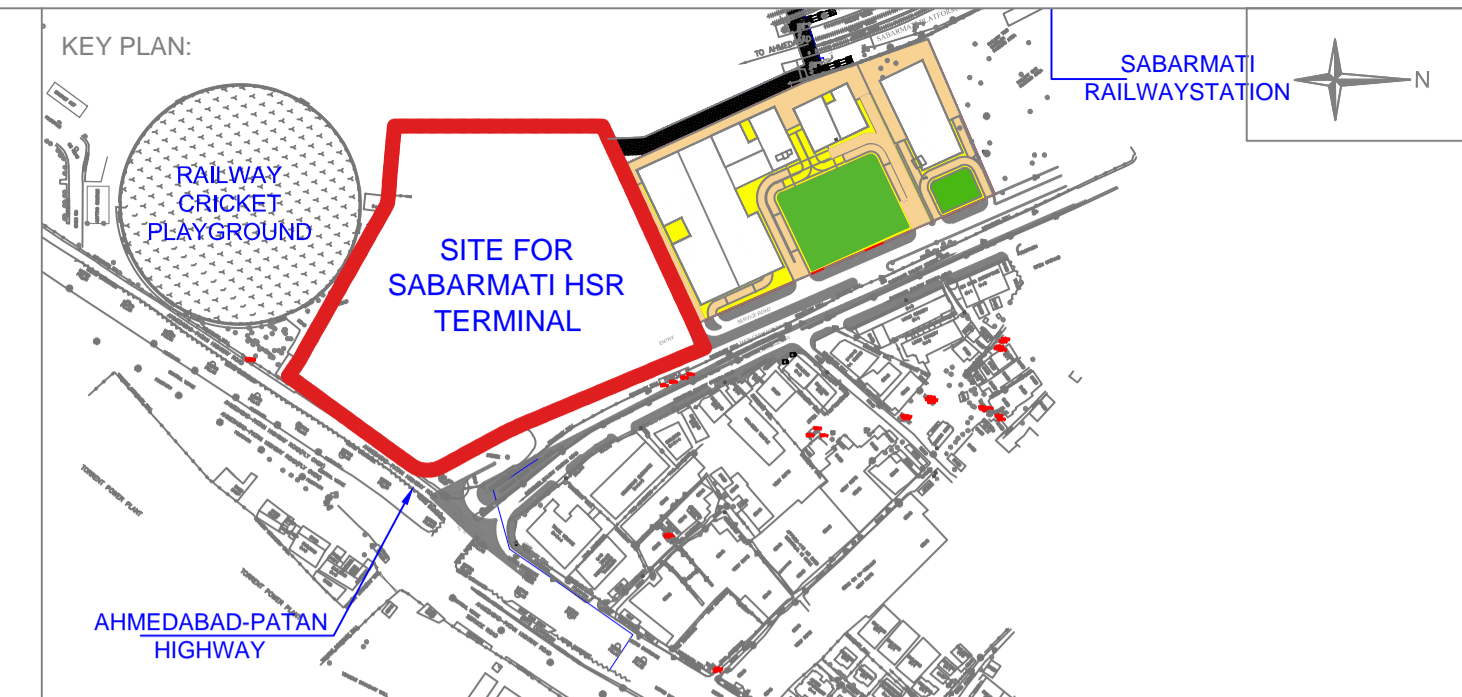
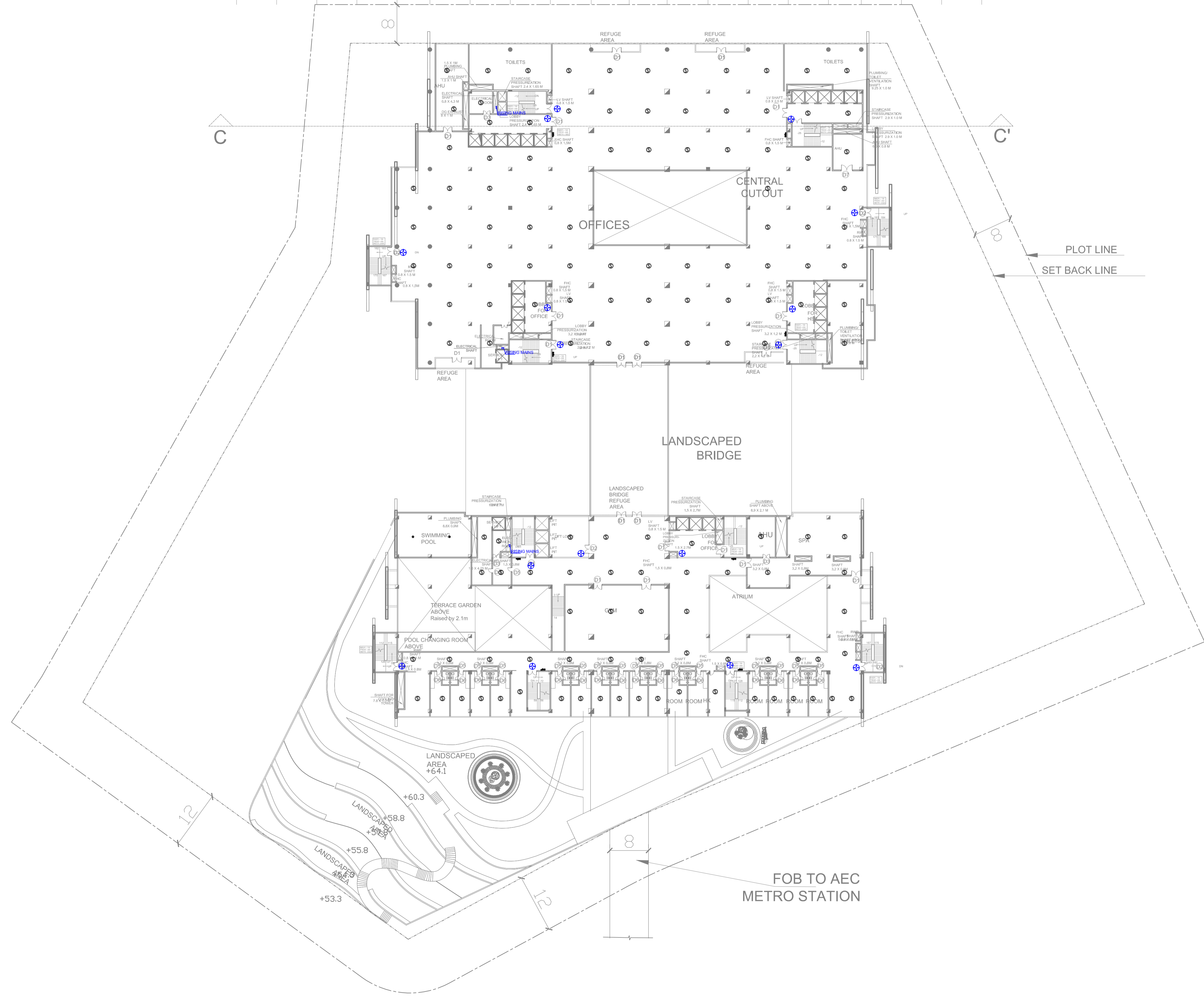
CONSULTANT : RITES Bhawan, Plot No.1, Sector 29, Gurugram - 122001

ARCHITECTS : DESIGN WORKSHOP, 100B - C Block, Kalkaji, New Delhi - 110019



A B C D E F G H J K L M N P Q R S T U V
 8300 8300 8300 8300 6800 8300 8300 8300 8450 7850 7850 8450 8300 8300 8300 6800 8300 8300

1 8700
 2 8000
 3 8000
 4 8000
 5 8000
 6 8000
 7 8000
 8 8000
 9 5400
 10 7000
 11 9000
 12 6000
 13 8000
 14 8000
 15 6300
 16 10200
 17 7500
 18 8000
 19 8000
 20 8000
 21 8000
 22 8000
 23 8000



- NOTES:
1. ALL DIMENSIONS AND LEVELS ARE IN M., UNLESS OTHERWISE MENTIONED.
 2. DRAWING SHALL NOT BE SCALED; ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
 3. NO WORK SHALL START WITHOUT APPROVED GOOD-FOR-CONSTRUCTION DRAWING.
 4. THIS IS THE CONCEPTUAL DRAWING AND DETAILED ENGINEERING DESIGN SHALL BE THE RESPONSIBILITY OF EXECUTING/ IMPLEMENTING AGENCIES.
 5. ACQUISITION OF LAND FOR IMPLEMENTATION OF PROJECT SHALL BE THE RESPONSIBILITY OF EXECUTING/ IMPLEMENTING AGENCIES.
 6. ALL REQUIRED STATUTORY CLEARANCES ARE TO BE OBTAINED BY THE EXECUTING/ IMPLEMENTING AGENCIES.
 7. THE NECESSARY PERMISSION FOR CUTTING OF TREES SHALL BE OBTAINED BY THE EXECUTING/ IMPLEMENTING AGENCIES FROM CONCERNED DEPT. AS PER THE EXISTING POLICY.

SYMBOL	DESCRIPTION	MOUNTING HEIGHT FROM FIN. FLR. LVL. IN mm.
	DOMI TYPE CCTV CAMERA	ON CEILING/ AS PER SITE
	SMOKE DETECTOR	ON CEILING
	HEAT DETECTOR	ON CEILING
	FIRE ALARM HOOTER/SOUNDER	2400
	MANUAL CALL POINT/MANUAL BREAK GLASS UNIT	1200
	CONTROL MODULE	-----
	MAIN FIRE ALARM PANEL	FLOOR MOUNTED
	CABLE TRAY	-----
	ELECTRICAL PANEL	FLOOR MOUNTED

STAGE II SUBMISSION

APPROVED BY: NHSRCL

SIGNATURE:	DATE:	SIGNATURE:	DATE:
------------	-------	------------	-------

PREPARED BY: RITES LTD.

SIGNATURE:	DATE:	SIGNATURE:	DATE:
------------	-------	------------	-------

SABARMATI HSR TERMINAL

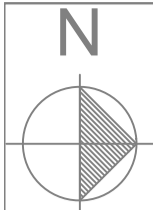
DWG TITLE: SEVENTH FLOOR ELECTRICAL AND LV LAYOUT
 DWG NO: HSR/SABARMATI/EL-10
 SCALE: 1:400
 REVISION: R0
 DATE: 15.06.2018

PROJECT : MUMBAI - AHMEDABAD HIGH SPEED RAIL PROJECT

OWNER : NHSRCL, Asia Bhawan, 2nd Floor, Sector 9, Dwarka, Delhi - 110077

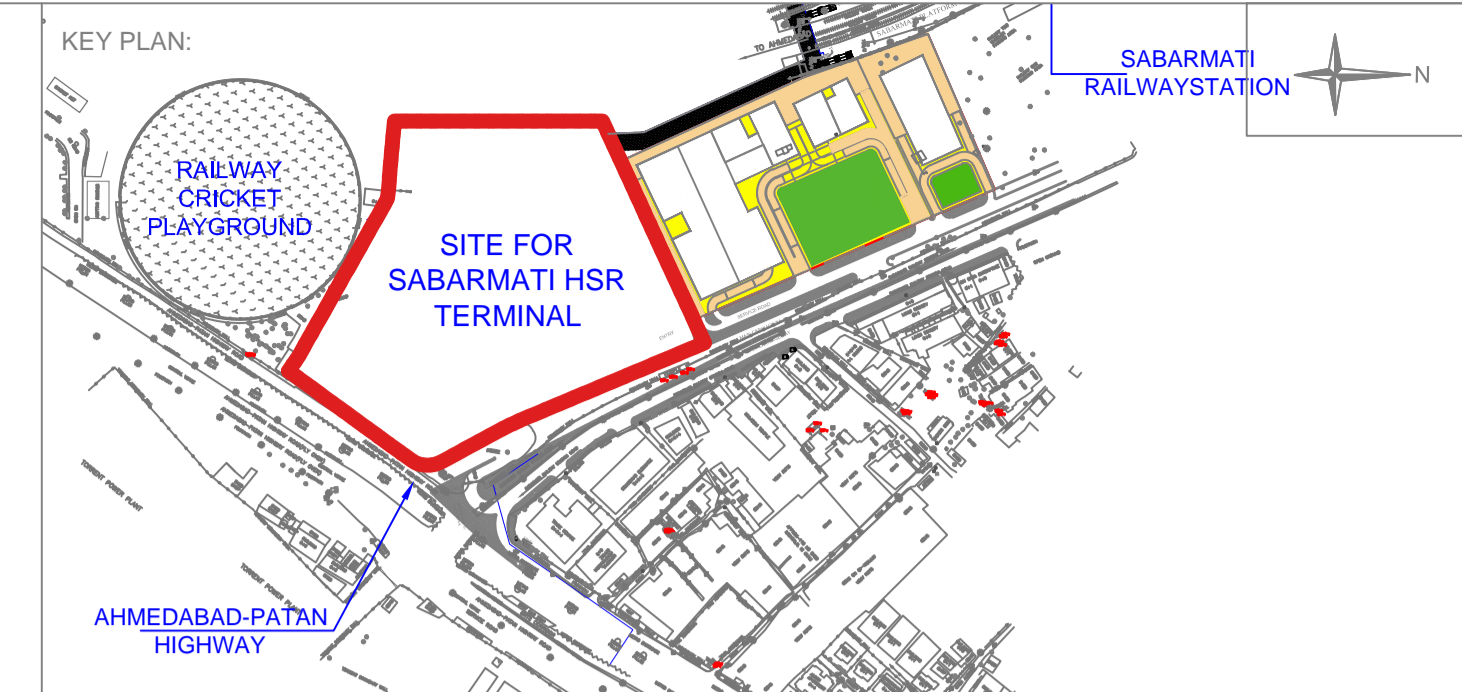
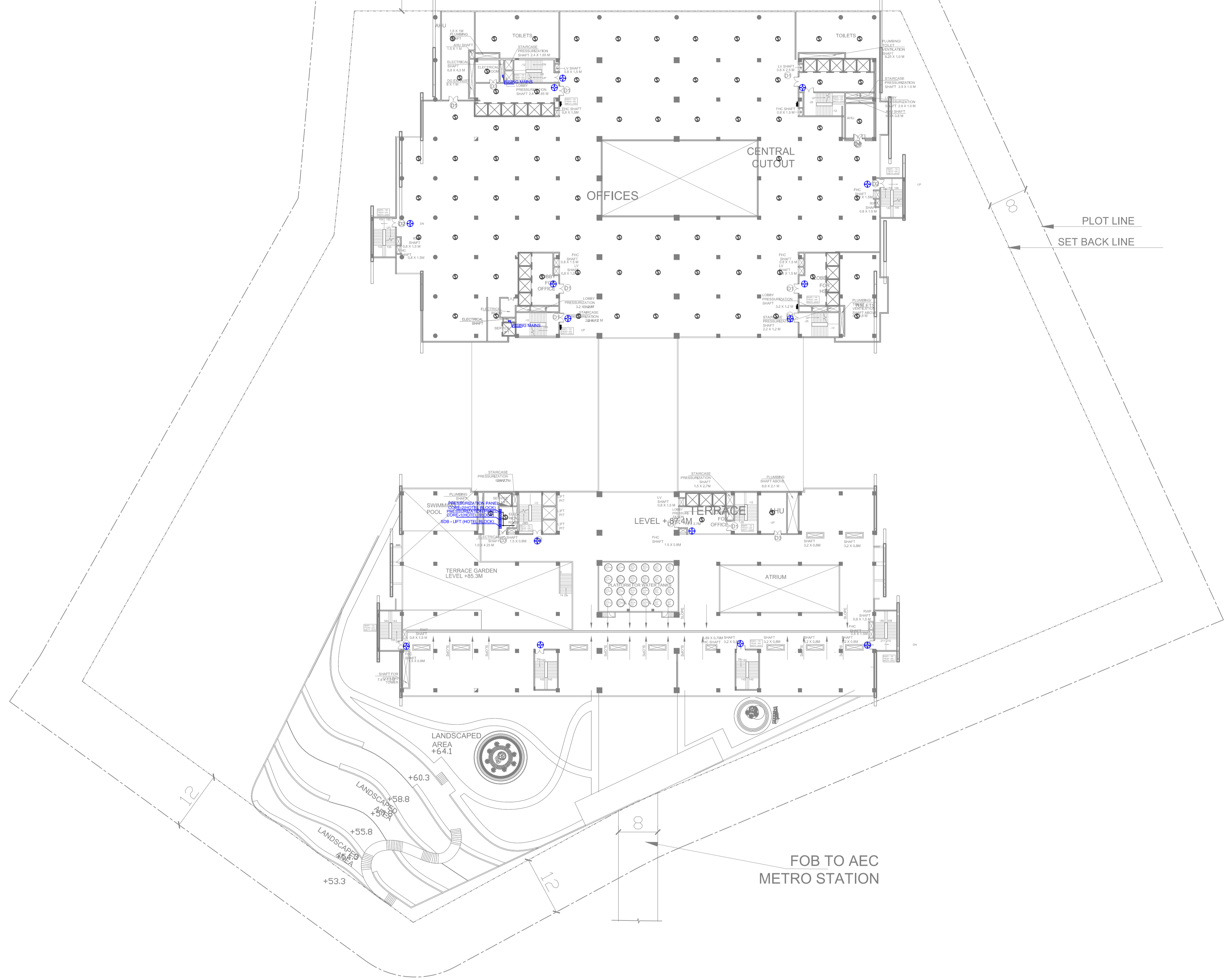
CONSULTANT : RITES Bhawan, Plot No.1, Sector 29, Gurugram - 122001

ARCHITECTS : DESIGN WORKSHOP 100B - C Block, Kalkaji, New Delhi - 110019



A B C D E F G H J K L M N P Q R S T U V
 8300 8300 8300 8300 6800 8300 8300 8300 8450 7850 7850 8450 8300 8300 8300 6800 8300 8300

1 8700
 2 8000
 3 8000
 4 8000
 5 8000
 6 8000
 7 8000
 8 8000
 9 5400
 10 9000
 11 7000
 12 6000
 13 4600
 14 8000
 15 6300
 16 10200
 17 7500
 18 8000
 19 8000
 20 8000
 21 8000
 22 8000
 23 8000



- NOTES:
1. ALL DIMENSIONS AND LEVELS ARE IN M., UNLESS OTHERWISE MENTIONED.
 2. DRAWING SHALL NOT BE SCALED; ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
 3. NO WORK SHALL START WITHOUT APPROVED GOOD-FOR-CONSTRUCTION DRAWING.
 4. THIS IS THE CONCEPTUAL DRAWING AND DETAILED ENGINEERING DESIGN SHALL BE THE RESPONSIBILITY OF EXECUTING/ IMPLEMENTING AGENCIES.
 5. ACQUISITION OF LAND FOR IMPLEMENTATION OF PROJECT SHALL BE THE RESPONSIBILITY OF EXECUTING/ IMPLEMENTING AGENCIES.
 6. ALL REQUIRED STATUTORY CLEARANCES ARE TO BE OBTAINED BY THE EXECUTING/ IMPLEMENTING AGENCIES.
 7. THE NECESSARY PERMISSION FOR CUTTING OF TREES SHALL BE OBTAINED BY THE EXECUTING/ IMPLEMENTING AGENCIES FROM CONCERNED DEPT. AS PER THE EXISTING POLICY.

SYMBOL	DESCRIPTION	MOUNTING HEIGHT FROM FIN. FLR. LVL. IN mm.
	DOME TYPE CCTV CAMERA	ON CEILING/ AS PER SITE
	SMOKE DETECTOR	ON CEILING
	HEAT DETECTOR	ON CEILING
	FIRE ALARM HOOTER/SOUNDER	2400
	MANUAL CALL POINT/MANUAL BREAK GLASS UNIT	1200
	CONTROL MODULE	-----
	MAIN FIRE ALARM PANEL	FLOOR MOUNTED
	CABLE TRAY	-----
	ELECTRICAL PANEL	FLOOR MOUNTED

STAGE II SUBMISSION

APPROVED BY: NHSRCL

SIGNATURE:	DATE:	SIGNATURE:	DATE:
------------	-------	------------	-------

PREPARED BY: RITES LTD.

SIGNATURE:	DATE:	SIGNATURE:	DATE:
SIGNATURE:	DATE:	SIGNATURE:	DATE:

SABARMATI HSR TERMINAL

DWG TITLE: **EIGHTH FLOOR ELECTRICAL AND LV LAYOUT**
 DWG NO: **HSR/SABARMATI/EL-11**

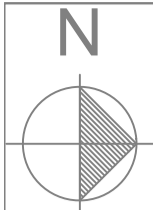
SCALE: 1:400	REVISION: R0
	DATE: 15.06.2018

PROJECT : **MUMBAI - AHMEDABAD HIGH SPEED RAIL PROJECT**

OWNER : NHSRCL, Asia Bhawan, 2nd Floor, Sector 9, Dwarka, Delhi - 110077

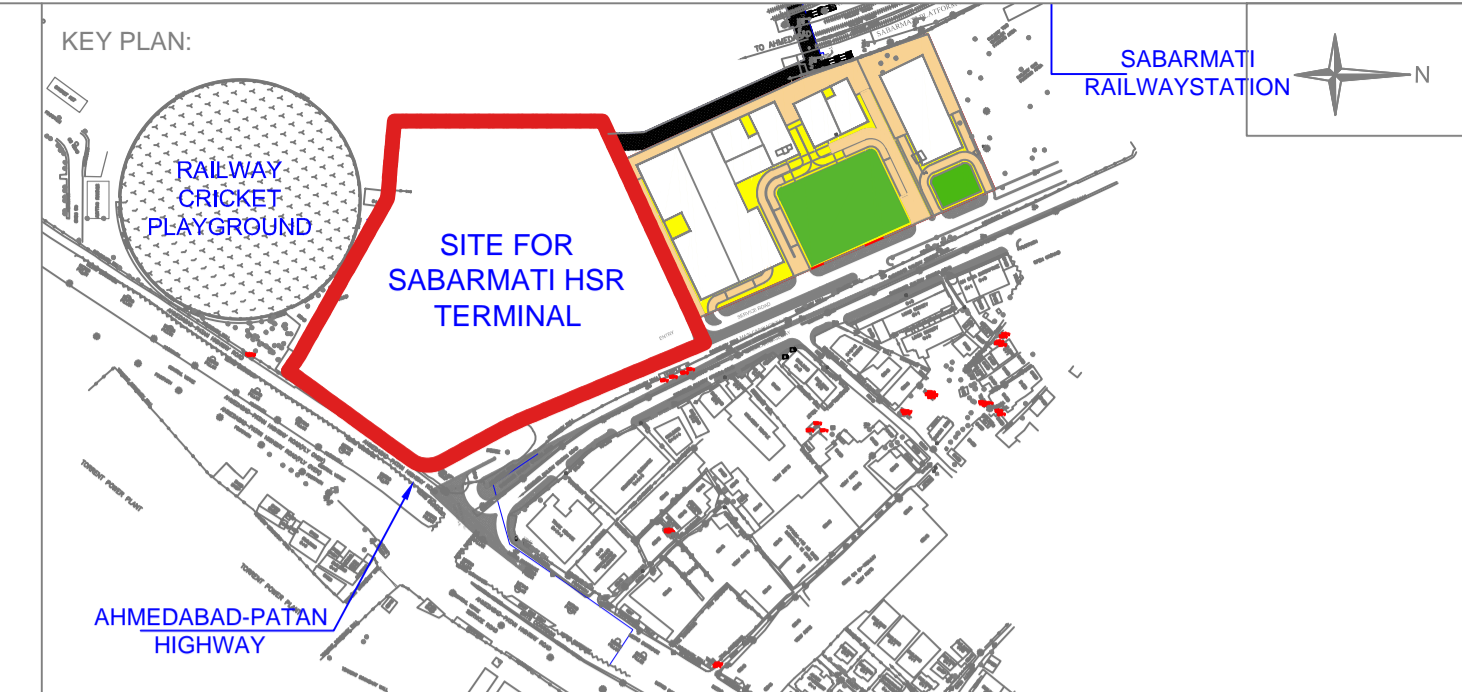
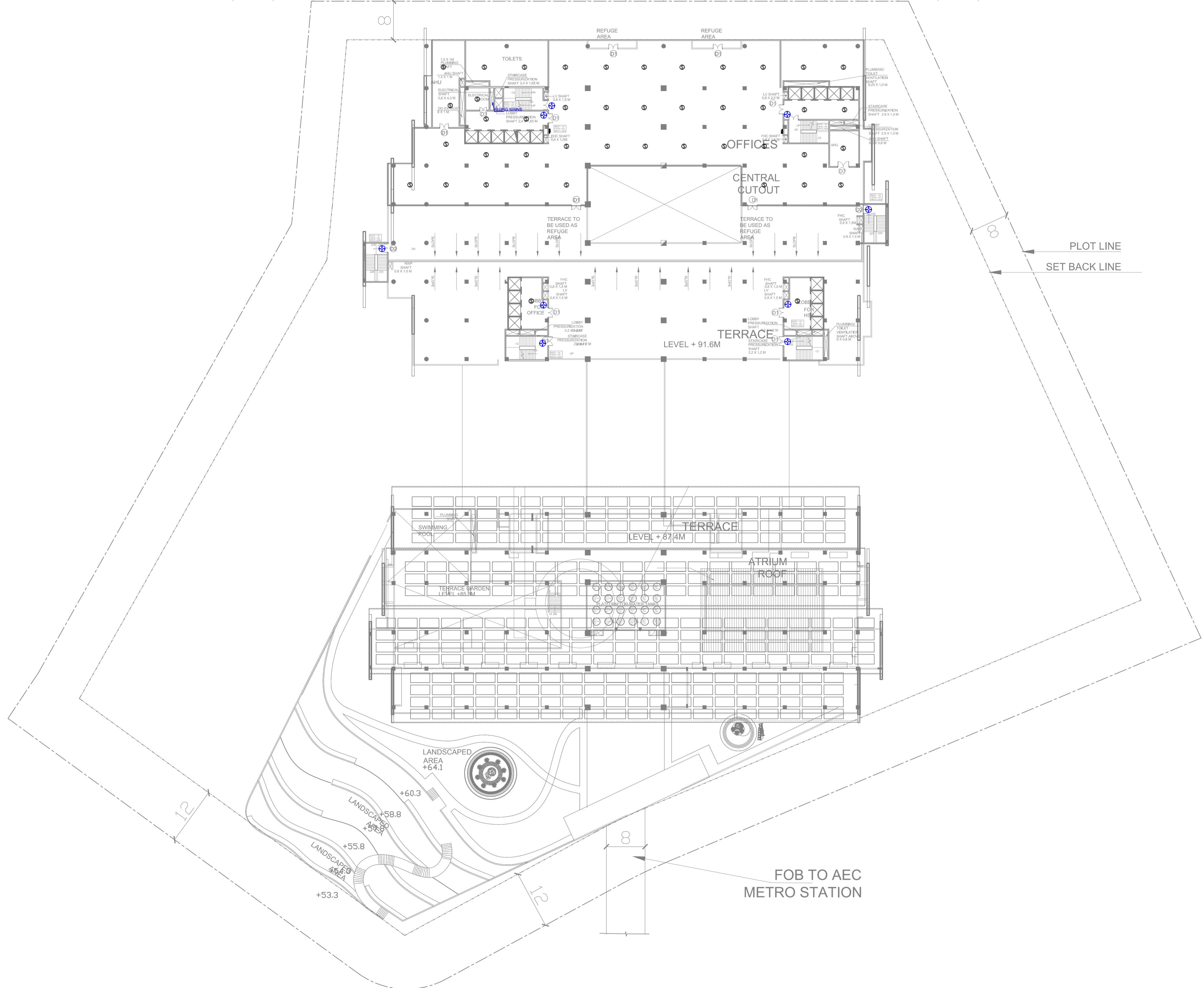
CONSULTANT : RITES Bhawan, Plot No.1, Sector 29, Gurugram - 122001

ARCHITECTS : DESIGN WORKSHOP, 100B - C Block, Kalkaji, New Delhi - 110019



A B C D E F G H J K L M N P Q R S T U V
 8300 8300 8300 8300 6800 8300 8300 8300 8450 7850 7850 8450 8300 8300 8300 6800 8300 8300

1 8700
 2 8000
 3 8000
 4 8000
 5 8000
 6 8000
 7 8000
 8 8000
 9 5400
 10 7000
 11 9000
 12 6000
 13 8000
 14 4600
 15 6300
 16 10200
 17 7500
 18 8000
 19 8000
 20 8000
 21 8000
 22 8000
 23 8000



- NOTES:
1. ALL DIMENSIONS AND LEVELS ARE IN M., UNLESS OTHERWISE MENTIONED.
 2. DRAWING SHALL NOT BE SCALED; ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
 3. NO WORK SHALL START WITHOUT APPROVED GOOD-FOR-CONSTRUCTION DRAWING.
 4. THIS IS THE CONCEPTUAL DRAWING AND DETAILED ENGINEERING DESIGN SHALL BE THE RESPONSIBILITY OF EXECUTING/ IMPLEMENTING AGENCIES.
 5. ACQUISITION OF LAND FOR IMPLEMENTATION OF PROJECT SHALL BE THE RESPONSIBILITY OF EXECUTING/ IMPLEMENTING AGENCIES.
 6. ALL REQUIRED STATUTORY CLEARANCES ARE TO BE OBTAINED BY THE EXECUTING/ IMPLEMENTING AGENCIES.
 7. THE NECESSARY PERMISSION FOR CUTTING OF TREES SHALL BE OBTAINED BY THE EXECUTING/ IMPLEMENTING AGENCIES FROM CONCERNED DEPT. AS PER THE EXISTING POLICY.

SYMBOL	DESCRIPTION	MOUNTING HEIGHT FROM FIN. FLR. LVL. IN mm.
	DOMI TYPE CCTV CAMERA	ON CEILING/ AS PER SITE
	SMOKE DETECTOR	ON CEILING
	HEAT DETECTOR	ON CEILING
	FIRE ALARM HOOTER/SOUNDER	2400
	MANUAL CALL POINT/MANUAL BREAK GLASS UNIT	1200
	CONTROL MODULE	-----
	MAIN FIRE ALARM PANEL	FLOOR MOUNTED
	CABLE TRAY	-----
	ELECTRICAL PANEL	FLOOR MOUNTED

STAGE II SUBMISSION

APPROVED BY: NHSRCL

SIGNATURE: DATE: SIGNATURE: DATE:

PREPARED BY: RITES LTD.

SIGNATURE: DATE: SIGNATURE: DATE: SIGNATURE: DATE:

SABARMATI HSR TERMINAL

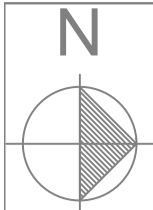
DWG TITLE: NINTH FLOOR ELECTRICAL AND LV LAYOUT
 DWG NO: HSR/SABARMATI/EL-12
 SCALE: 1:400
 REVISION: R0
 DATE: 15.06.2018

PROJECT : MUMBAI - AHMEDABAD HIGH SPEED RAIL PROJECT

OWNER : NHSRCL, Asia Bhawan, 2nd Floor, Sector 9, Dwarka, Delhi - 110077

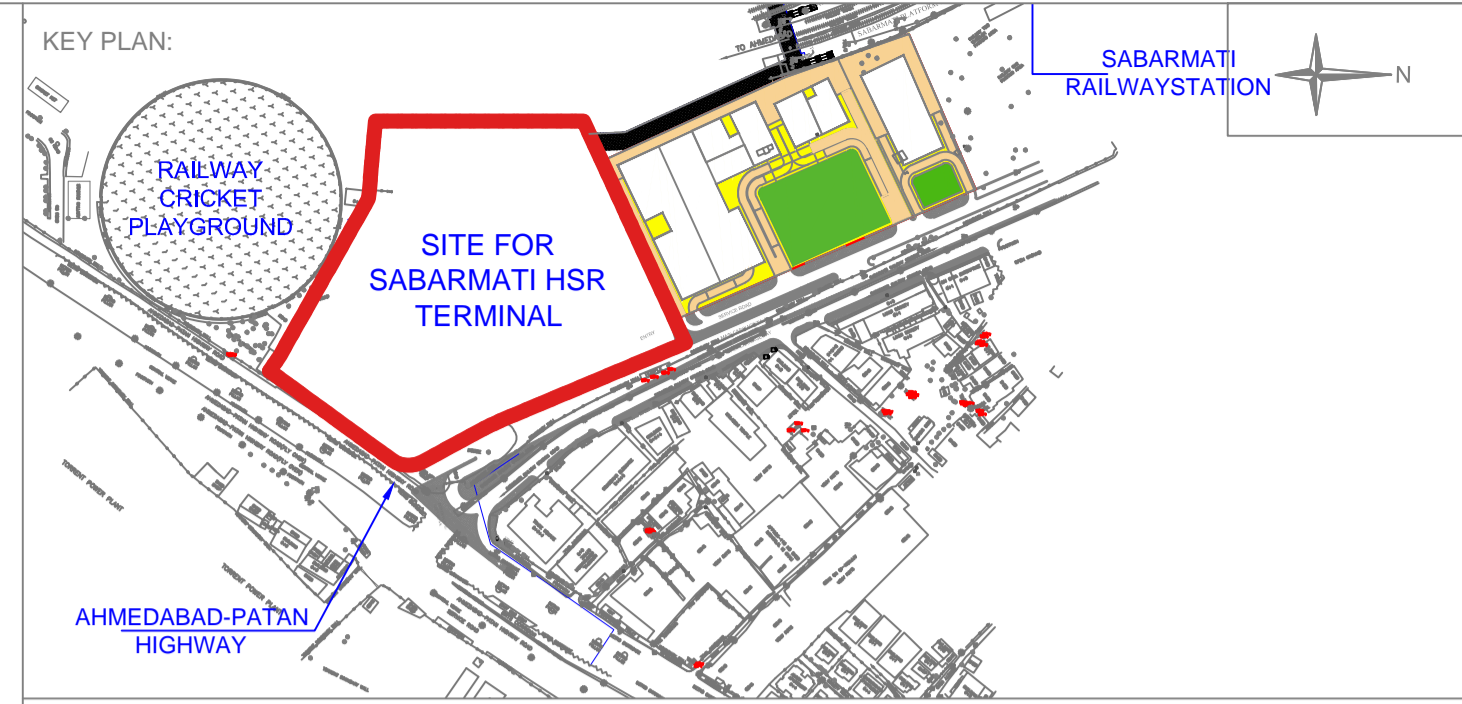
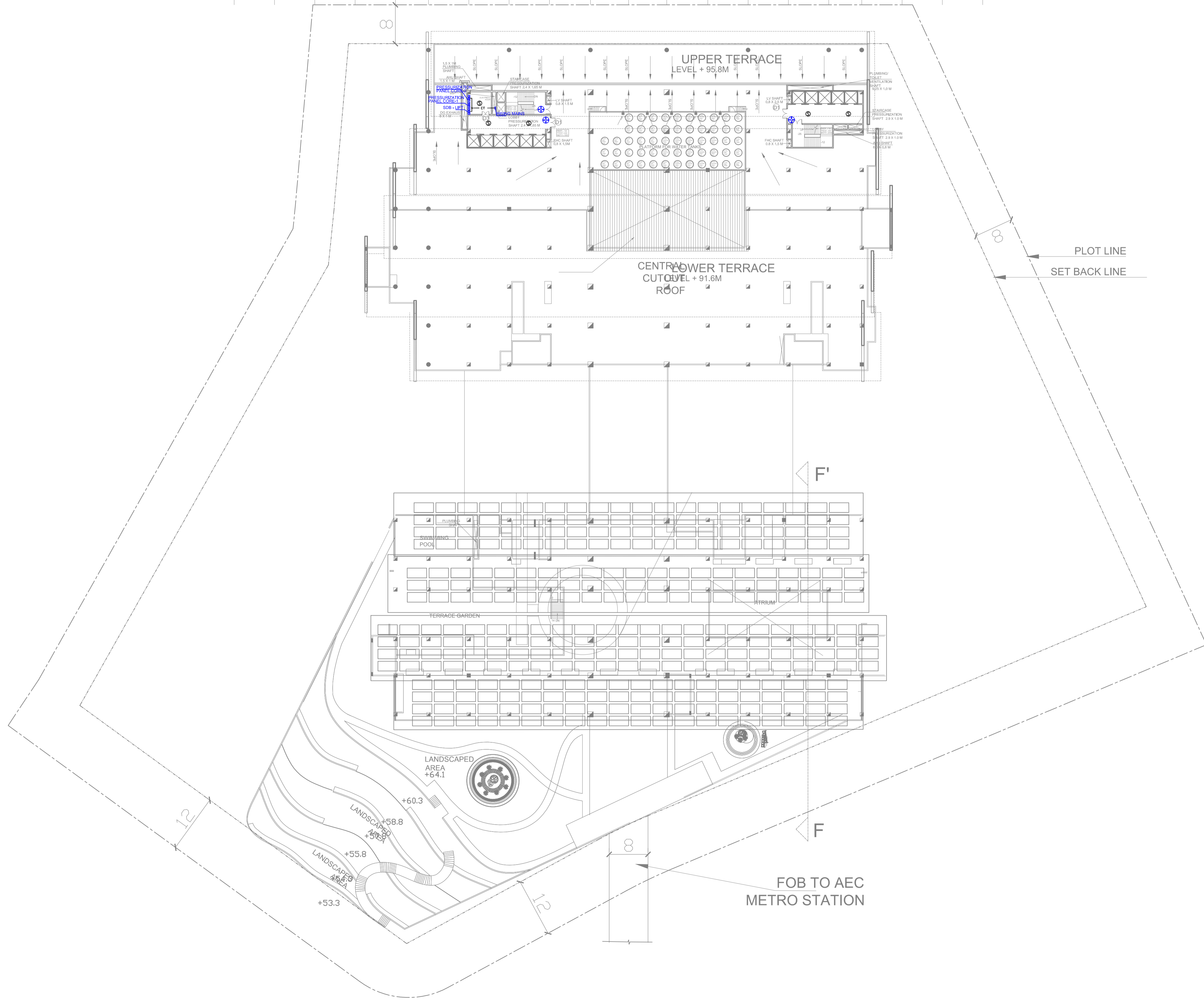
CONSULTANT : RITES THE INFRASTRUCTURE PEOPLE
 RITES Bhawan, Plot No.1, Sector 29, Gurugram - 122001

ARCHITECTS : DESIGN WORKSHOP
 100B - C Block, Kalkaji, New Delhi - 110019



A B C D E F G H J K L M N P Q R S T U V
 8300 8300 8300 8300 6800 8300 8300 8300 8450 7850 7850 8450 8300 8300 8300 6800 8300 8300

1 8700
 2 8000
 3 8000
 4 8000
 5 8000
 6 8000
 7 8000
 8 8000
 9 8000
 10 5400
 11 9000
 12 6000
 13 8000
 14 4600
 15 6300
 16 10200
 17 7500
 18 8000
 19 8000
 20 8000
 21 8000
 22 8000
 23 8000



- NOTES:
1. ALL DIMENSIONS AND LEVELS ARE IN M., UNLESS OTHERWISE MENTIONED.
 2. DRAWING SHALL NOT BE SCALED; ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
 3. NO WORK SHALL START WITHOUT APPROVED GOOD-FOR-CONSTRUCTION DRAWING.
 4. THIS IS THE CONCEPTUAL DRAWING AND DETAILED ENGINEERING DESIGN SHALL BE THE RESPONSIBILITY OF EXECUTING/ IMPLEMENTING AGENCIES.
 5. ACQUISITION OF LAND FOR IMPLEMENTATION OF PROJECT SHALL BE THE RESPONSIBILITY OF EXECUTING/ IMPLEMENTING AGENCIES.
 6. ALL REQUIRED STATUTORY CLEARANCES ARE TO BE OBTAINED BY THE EXECUTING/ IMPLEMENTING AGENCIES.
 7. THE NECESSARY PERMISSION FOR CUTTING OF TREES SHALL BE OBTAINED BY THE EXECUTING/ IMPLEMENTING AGENCIES FROM CONCERNED DEPT. AS PER THE EXISTING POLICY.

SYMBOL	DESCRIPTION	MOUNTING HEIGHT FROM FIN. FLR. LVL. IN mm.
	DOME TYPE CCTV CAMERA	ON CEILING/ AS PER SITE
	SMOKE DETECTOR	ON CEILING
	HEAT DETECTOR	ON CEILING
	FIRE ALARM HOOTER/SOUNDER	2400
	MANUAL CALL POINT/MANUAL BREAK GLASS UNIT	1200
	CONTROL MODULE	-----
	MAIN FIRE ALARM PANEL	FLOOR MOUNTED
	CABLE TRAY	-----
	ELECTRICAL PANEL	FLOOR MOUNTED

STAGE II SUBMISSION

APPROVED BY: NHSRCL

SIGNATURE: DATE: SIGNATURE: DATE:

PREPARED BY: RITES LTD.

SIGNATURE: DATE: SIGNATURE: DATE: SIGNATURE: DATE:

SABARMATI HSR TERMINAL

DWG TITLE: TERRACE ELECTRICAL AND LV LAYOUT
 DWG NO: HSR/SABARMATI/EL-13
 SCALE: 1:400
 REVISION: R0
 DATE: 15.06.2018

PROJECT: MUMBAI - AHMEDABAD HIGH SPEED RAIL PROJECT

OWNER: NHSRCL, Asia Bhawan, 2nd Floor, Sector 9, Dwarka, Delhi - 110077

CONSULTANT: RITES Bhawan, Plot No.1, Sector 29, Gurugram - 122001

ARCHITECTS: DESIGN WORKSHOP 100B - C Block, Kalkaji, New Delhi - 110019