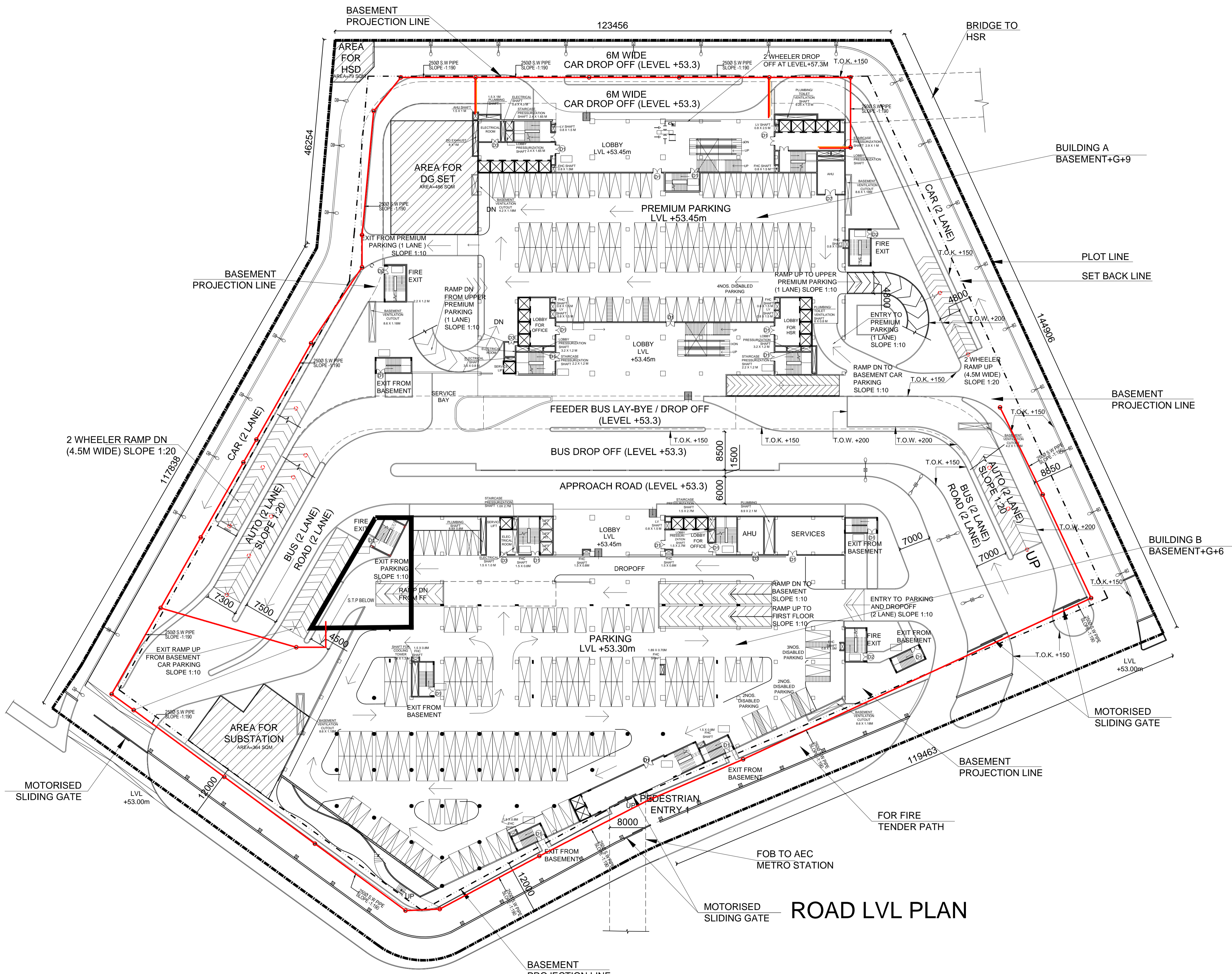
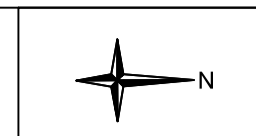


KEY PLAN:



ROAD LVL PLAN

- NOTES:**
1. ALL DIMENSIONS AND LEVELS ARE IN M., UNLESS OTHERWISE MENTIONED.
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 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.


STAGE II SUBMISSION

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

SABARMATI HSR TERMINAL


DWG TITLE :		SEWERAGE SITE LAYOUT PLAN					
DWG NO :		HSR/SABARMATI/PL-SW-01					
SCALE :		1:350				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



- NOTES:**
1. ALL DIMENSIONS AND LEVELS ARE IN M., UNLESS OTHERWISE MENTIONED.
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STAGE II SUBMISSION

APPROVED BY: **NHSRCL**

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

PREPARED BY: **MITES LTD.**

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

SABARMATI HSR TERMINAL

PROJECT : MUMBAI - AHMEDABAD HIGH SPEED RAIL PROJECT

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

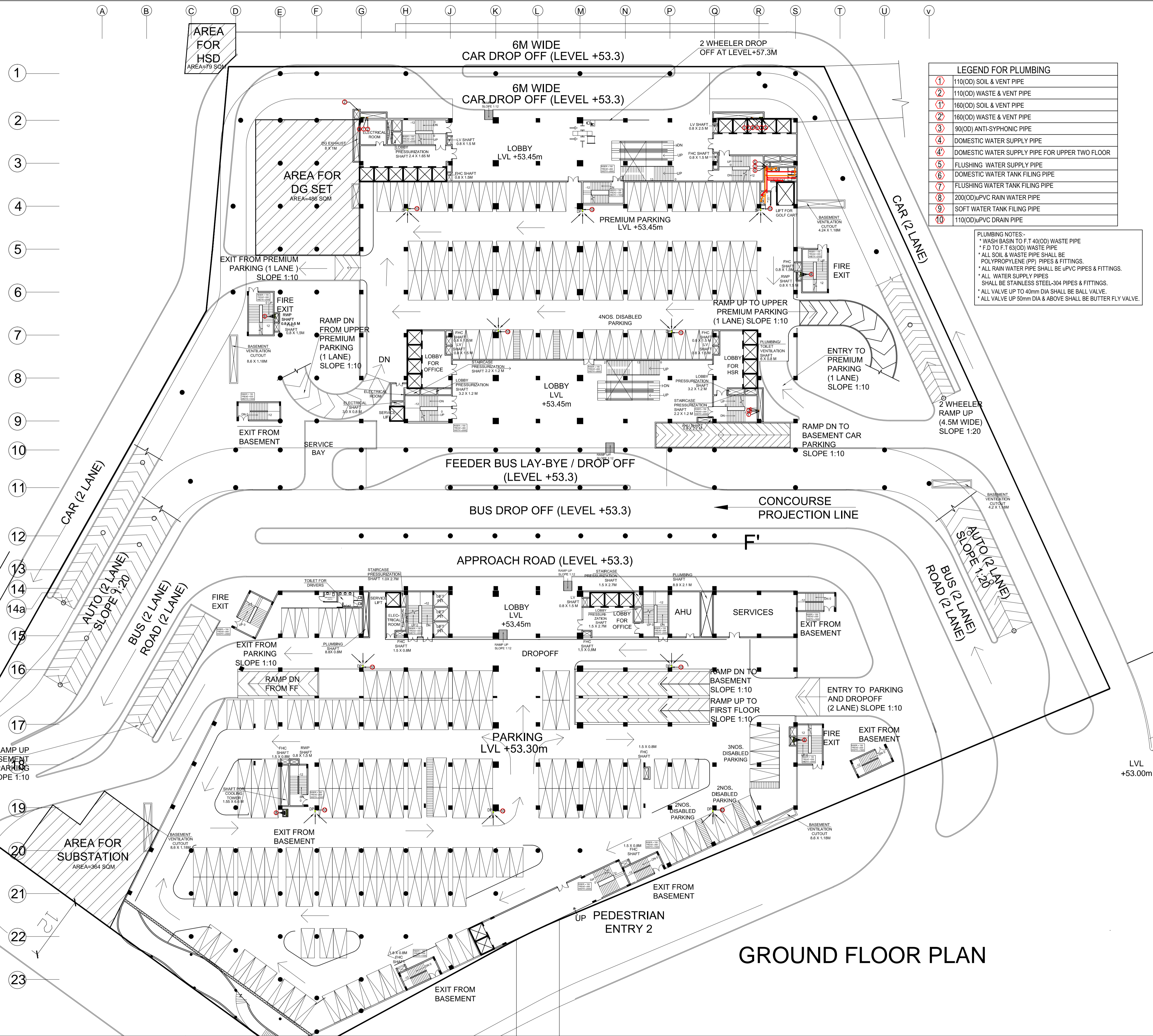
CONSULTANT : MITES Bhawan, Plot No.1, Sector 29, Gurugram - 122001

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

DWG TITLE : **BASEMENT PLAN - PLUMBING**

DWG NO : **HSR/SABARMATI/PL-01**

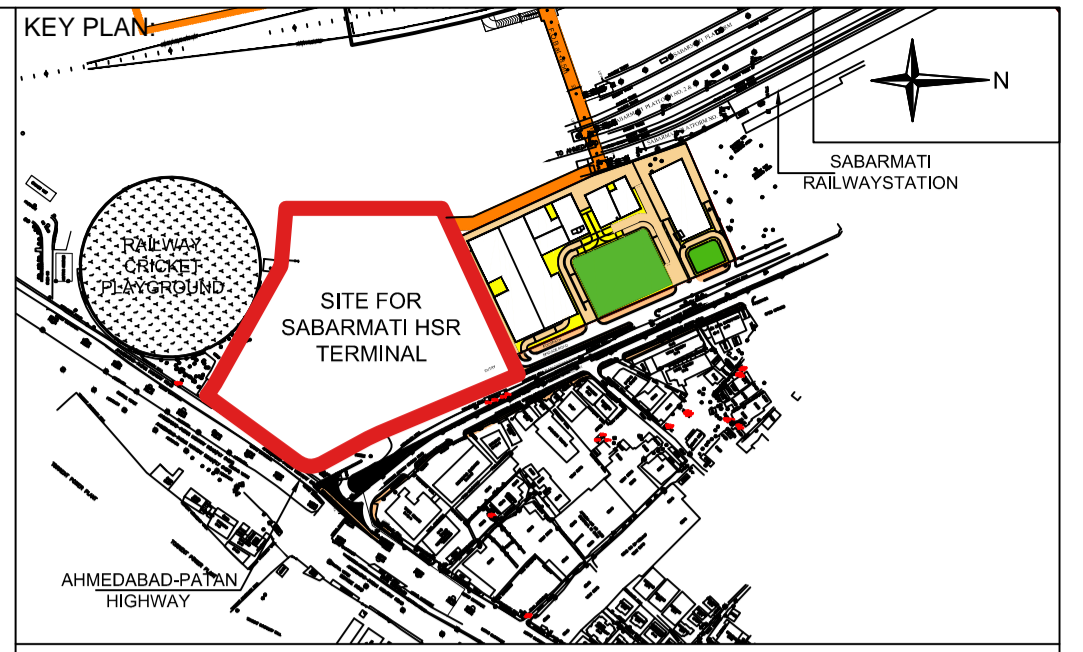
SCALE : **1:350** REVISION: R0 DATE: 15.06.2018



LEGEND FOR PLUMBING

①	110(OD) SOIL & VENT PIPE
②	110(OD) WASTE & VENT PIPE
③	160(OD) SOIL & VENT PIPE
④	160(OD) WASTE & VENT PIPE
⑤	90(OD) ANTI-SYPHONIC PIPE
⑥	DOMESTIC WATER SUPPLY PIPE
⑦	DOMESTIC WATER SUPPLY PIPE FOR UPPER TWO FLOOR
⑧	FLUSHING WATER SUPPLY PIPE
⑨	FLUSHING WATER TANK FILING PIPE
⑩	200(OD)PVC RAIN WATER PIPE
⑪	SOFT WATER TANK FILING PIPE
⑫	110(OD)PVC DRAIN PIPE

PLUMBING NOTES:-
 * WASH BASIN TO F.T 40(OD) WASTE PIPE
 * F.D TO F.T 63(OD) WASTE PIPE
 * ALL SOIL & WASTE PIPE SHALL BE POLYPROPYLENE (PP) PIPES & FITTINGS.
 * ALL RAIN WATER PIPE SHALL BE uPVC PIPES & FITTINGS.
 * ALL WATER SUPPLY PIPES SHALL BE STAINLESS STEEL-304 PIPES & FITTINGS.
 * ALL VALVE UP TO 40mm DIA SHALL BE BALL VALVE.
 * ALL VALVE UP 50mm DIA & ABOVE SHALL BE BUTTER FLY VALVE.



- NOTES:**
1. ALL DIMENSIONS AND LEVELS ARE IN M., UNLESS OTHERWISE MENTIONED.
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GROUND FLOOR PLAN

STAGE II SUBMISSION

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

SABARMATI HSR TERMINAL

PROJECT : MUMBAI - AHMEDABAD HIGH SPEED RAIL PROJECT

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

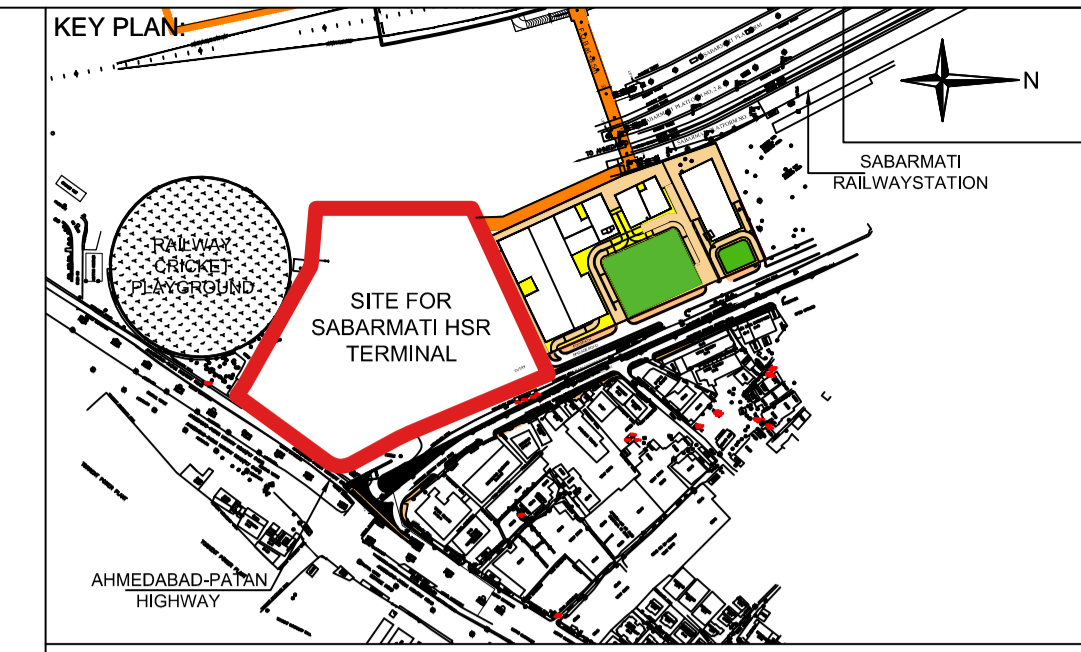
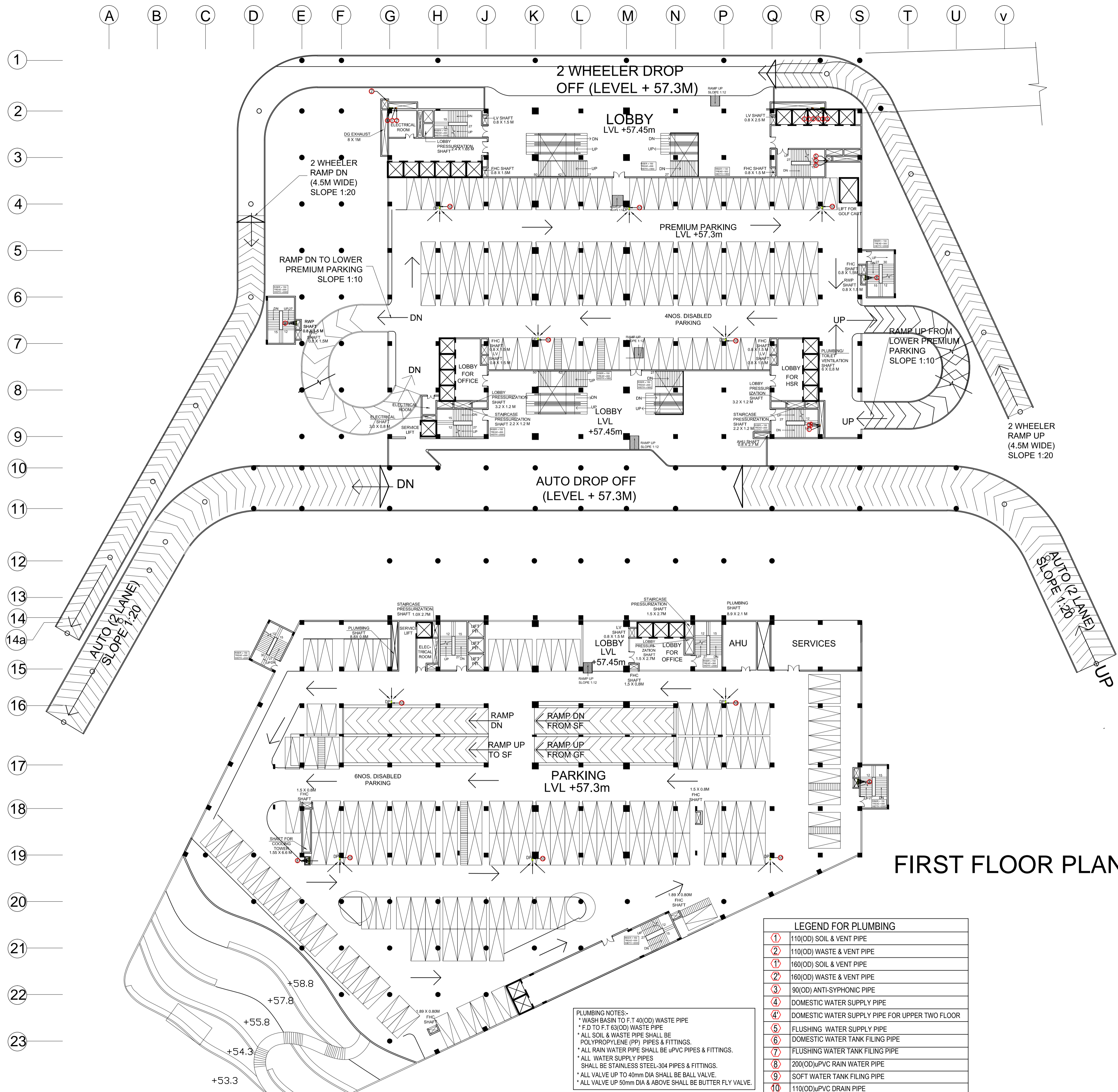
CONSULTANT : RITES THE INFRASTRUCTURE PEOPLE
 RITES Bhawan, Plot No.1, Sector 29, Gurugram - 122001

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

DWG TITLE : GROUND FLOOR PLAN - PLUMBING

DWG NO : HSR/SABARMATI/PL-03

SCALE : 1:350 REVISION: R0
 DATE: 15.06.2018



- NOTES:**
1. ALL DIMENSIONS AND LEVELS ARE IN M., UNLESS OTHERWISE MENTIONED.
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FIRST FLOOR PLAN

STAGE II SUBMISSION

APPROVED BY: **NHSRCL**

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

PREPARED BY: **MITES LTD.**

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

SABARMATI HSR TERMINAL

LEGEND FOR PLUMBING

①	110(OD) SOIL & VENT PIPE
②	110(OD) WASTE & VENT PIPE
③	160(OD) SOIL & VENT PIPE
④	160(OD) WASTE & VENT PIPE
⑤	90(OD) ANTI-SYPHONIC PIPE
⑥	DOMESTIC WATER SUPPLY PIPE
⑦	DOMESTIC WATER SUPPLY PIPE FOR UPPER TWO FLOOR
⑧	FLUSHING WATER SUPPLY PIPE
⑨	DOMESTIC WATER TANK FILING PIPE
⑩	FLUSHING WATER TANK FILING PIPE
⑪	200(OD)UPVC RAIN WATER PIPE
⑫	SOFT WATER TANK FILING PIPE
⑬	110(OD)UPVC DRAIN PIPE

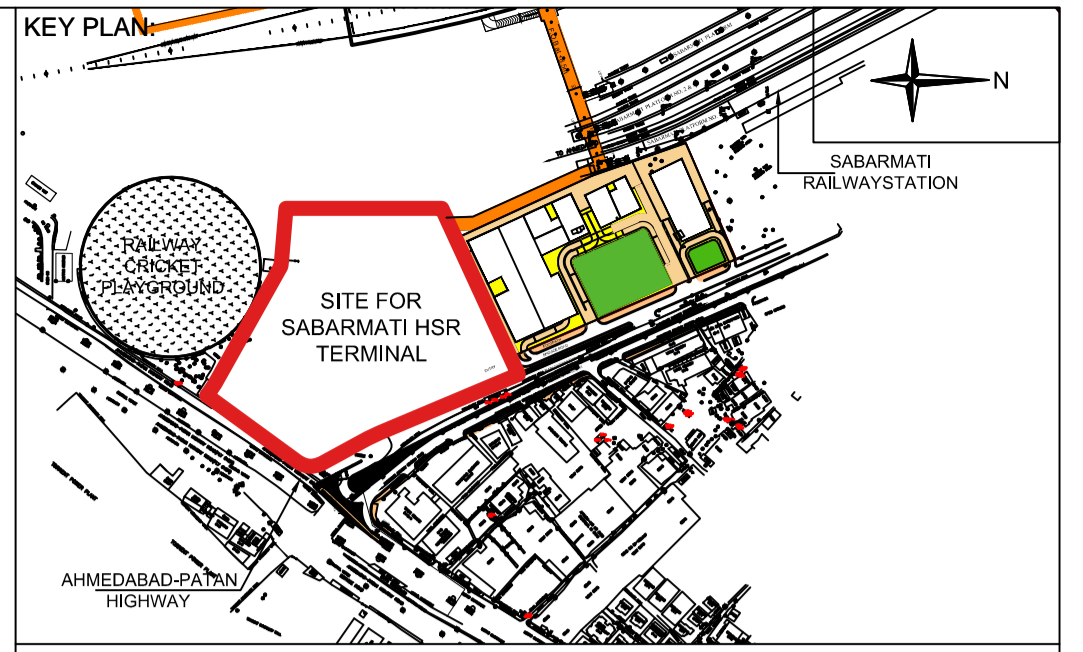
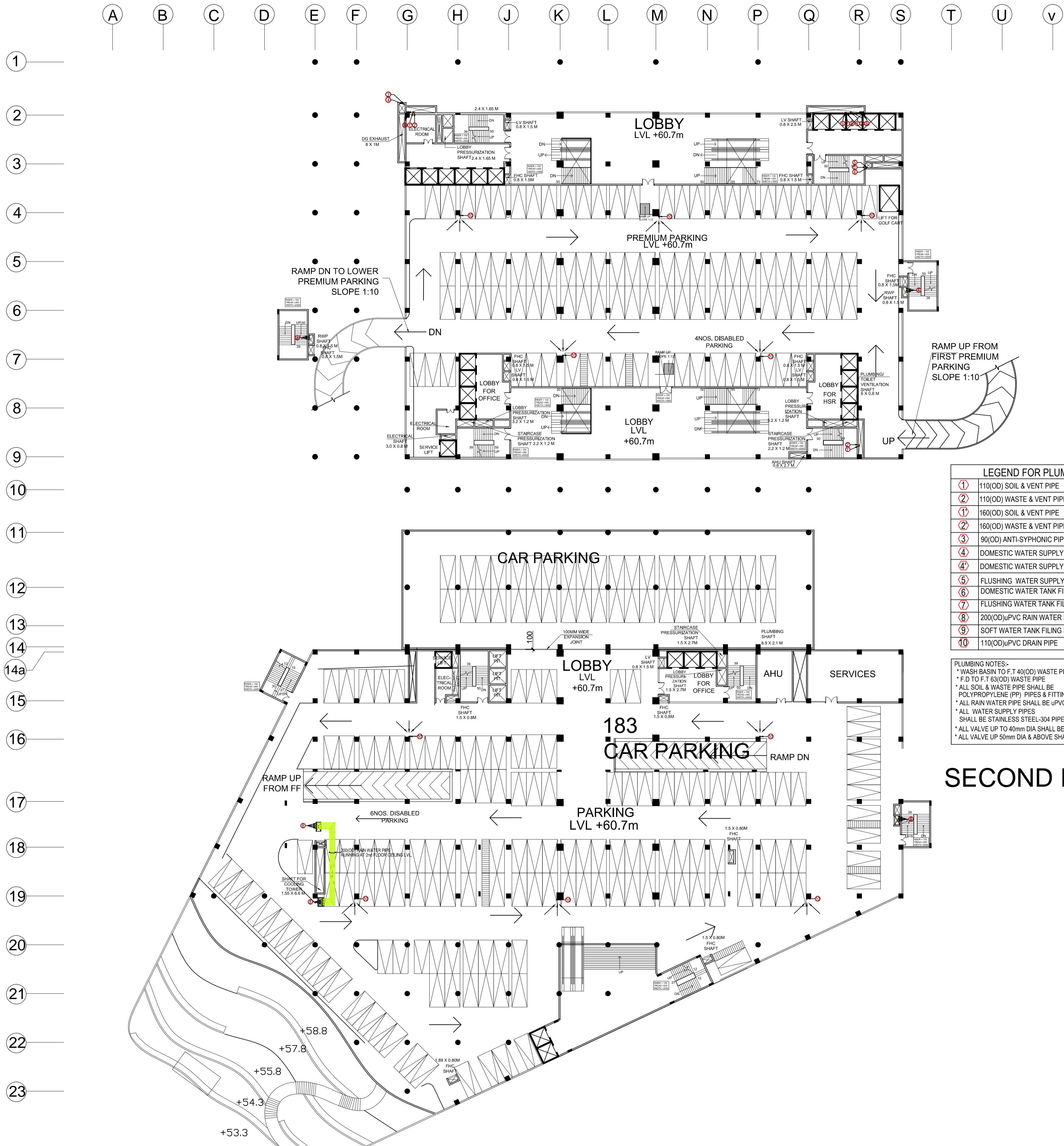
PLUMBING NOTES:-
 * WASH BASIN TO F.T. 40(OD) WASTE PIPE
 * F.D TO F.T. 63(OD) WASTE PIPE
 * ALL SOIL & WASTE PIPE SHALL BE POLYPROPYLENE (PP) PIPES & FITTINGS.
 * ALL RAIN WATER PIPE SHALL BE UPVC PIPES & FITTINGS.
 * ALL WATER SUPPLY PIPES SHALL BE STAINLESS STEEL-304 PIPES & FITTINGS.
 * ALL VALVE UP TO 40mm DIA SHALL BE BALL VALVE.
 * ALL VALVE UP 50mm DIA & ABOVE SHALL BE BUTTER FLY VALVE.

PROJECT : MUMBAI - AHMEDABAD HIGH SPEED RAIL PROJECT
 OWNER : NHSRCL, Asia Bhawan, 2nd Floor, Sector 9, Dwarka, Delhi - 110077

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

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

DWG TITLE : **FIRST FLOOR PLAN - PLUMBING**
 DWG NO : HSR/SABARMATI/PL-04
 SCALE : 1:350
 REVISION: R0
 DATE: 15.06.2018



- NOTES:**
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LEGEND FOR PLUMBING

①	110(OD) SOIL & VENT PIPE
②	110(OD) WASTE & VENT PIPE
③	160(OD) SOIL & VENT PIPE
④	160(OD) WASTE & VENT PIPE
⑤	90(OD) ANTI-SYPHONIC PIPE
⑥	DOMESTIC WATER SUPPLY PIPE
⑦	DOMESTIC WATER SUPPLY PIPE FOR UPPER TWO FLOOR
⑧	FLUSHING WATER SUPPLY PIPE
⑨	DOMESTIC WATER TANK FILING PIPE
⑩	FLUSHING WATER TANK FILING PIPE
⑪	200(OD)uPVC RAIN WATER PIPE
⑫	SOFT WATER TANK FILING PIPE
⑬	110(OD)uPVC DRAIN PIPE

PLUMBING NOTES:-

- * WASH BASIN TO F.T.40(OD) WASTE PIPE
- * F.D TO F.T.63(OD) WASTE PIPE
- * ALL SOIL & WASTE PIPE SHALL BE POLYPROPYLENE (PP) PIPES & FITTINGS.
- * ALL RAIN WATER PIPE SHALL BE uPVC PIPES & FITTINGS.
- * ALL WATER SUPPLY PIPES SHALL BE STAINLESS STEEL-304 PIPES & FITTINGS.
- * ALL VALVE UP TO 40mm DIA SHALL BE BALL VALVE.
- * ALL VALVE UP 50mm DIA & ABOVE SHALL BE BUTTER FLY VALVE.

SECOND FLOOR PLAN

STAGE II SUBMISSION

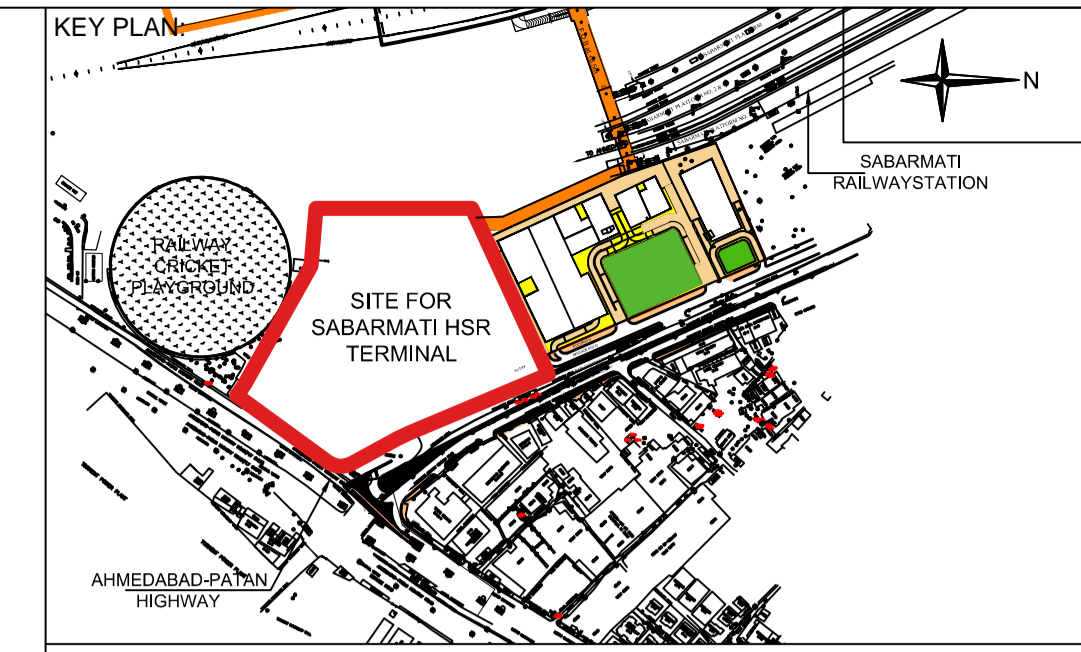
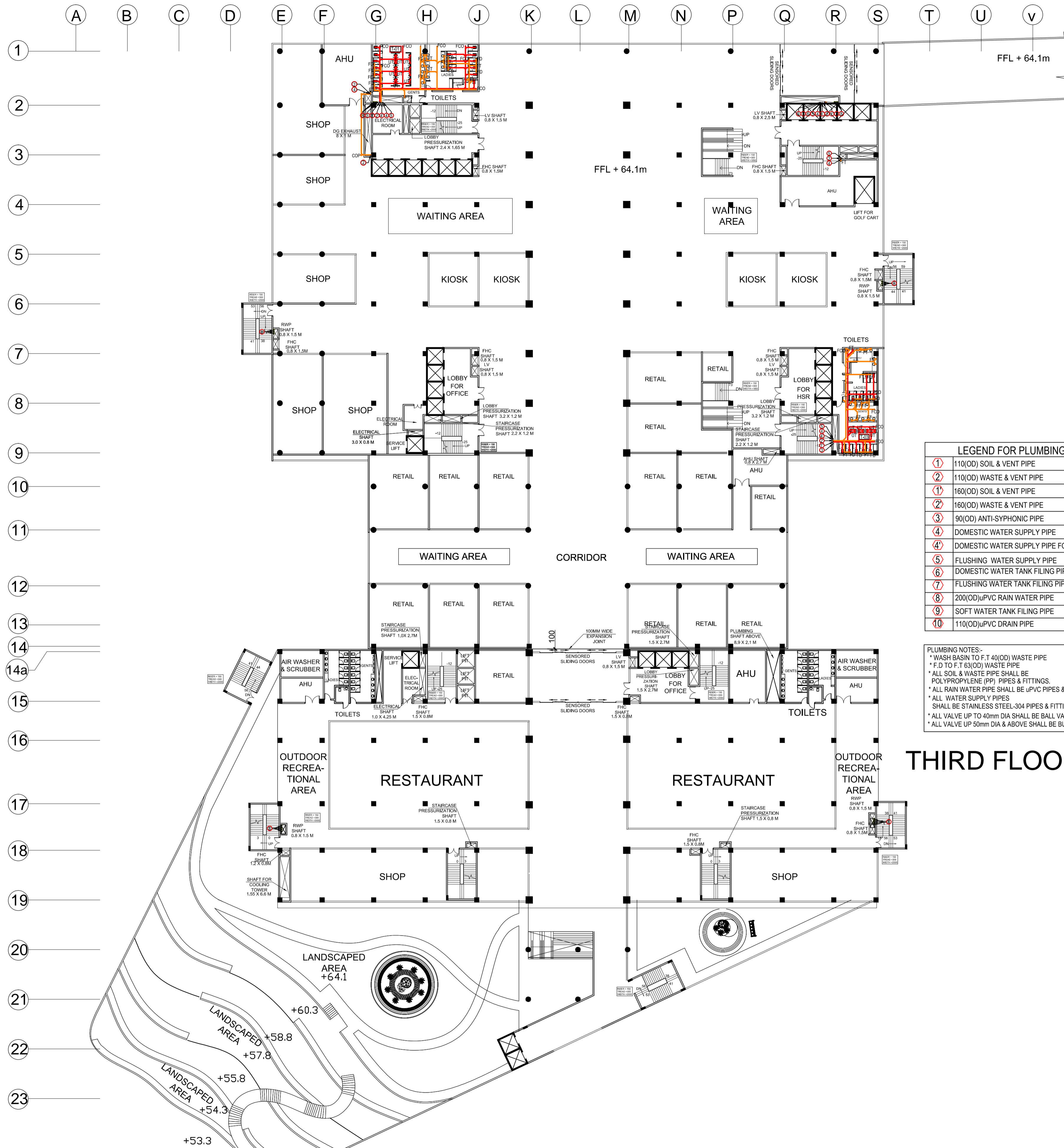
APPROVED BY: **NHSRCL**

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

PREPARED BY: **MITES LTD.**

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

SABARMATI HSR TERMINAL



- NOTES:**
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LEGEND FOR PLUMBING	
①	110(OD) SOIL & VENT PIPE
②	110(OD) WASTE & VENT PIPE
③	160(OD) SOIL & VENT PIPE
④	160(OD) WASTE & VENT PIPE
⑤	90(OD) ANTI-SYPHONIC PIPE
⑥	DOMESTIC WATER SUPPLY PIPE
⑦	DOMESTIC WATER SUPPLY PIPE FOR UPPER TWO FLOOR
⑧	FLUSHING WATER SUPPLY PIPE
⑨	DOMESTIC WATER TANK FILING PIPE
⑩	FLUSHING WATER TANK FILING PIPE
⑪	200(OD)uPVC RAIN WATER PIPE
⑫	SOFT WATER TANK FILING PIPE
⑬	110(OD)uPVC DRAIN PIPE

- PLUMBING NOTES:-**
- * WASH BASIN TO F.T 40(OD) WASTE PIPE
 - * F.D TO F.T 63(OD) WASTE PIPE
 - * ALL SOIL & WASTE PIPE SHALL BE POLYPROPYLENE (PP) PIPES & FITTINGS.
 - * ALL RAIN WATER PIPE SHALL BE uPVC PIPES & FITTINGS.
 - * ALL WATER SUPPLY PIPES SHALL BE STAINLESS STEEL-304 PIPES & FITTINGS.
 - * ALL VALVE UP TO 40mm DIA SHALL BE BALL VALVE.
 - * ALL VALVE UP 50mm DIA & ABOVE SHALL BE BUTTER FLY VALVE.

THIRD FLOOR PLAN

STAGE II SUBMISSION

APPROVED BY: **NHSRCL**

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

PREPARED BY: **MITES LTD.**

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

SABARMATI HSR TERMINAL

DWG TITLE: **THIRD FLOOR PLAN - PLUMBING**

DWG NO: **HSR/SABARMATI/PL-06**

SCALE: **1:350** REVISION: **R0**
DATE: **15.06.2018**

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

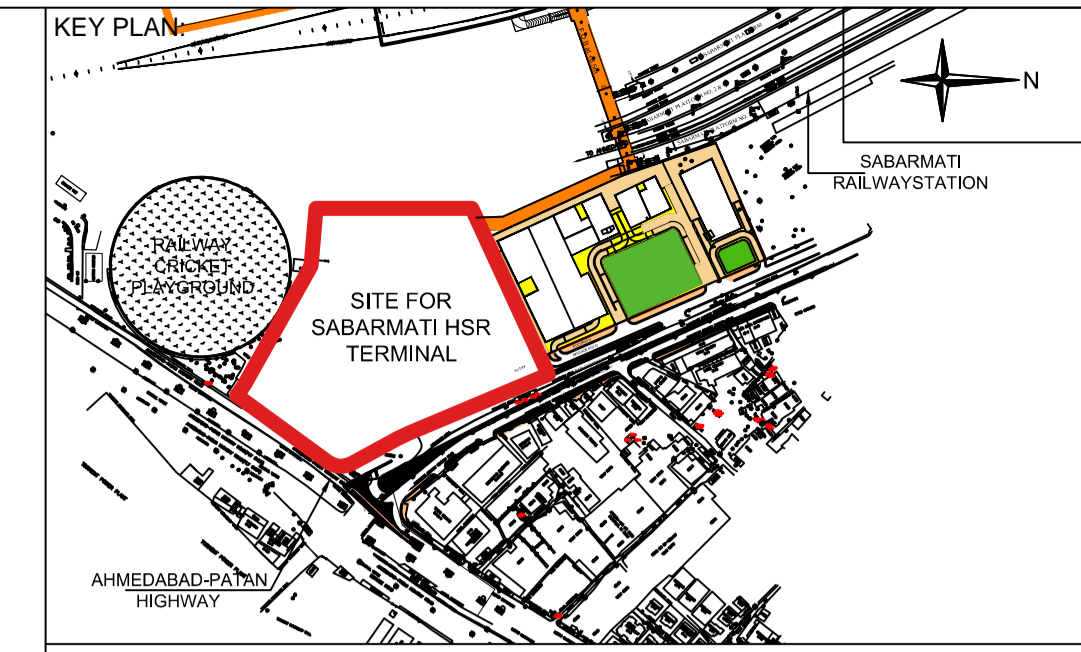
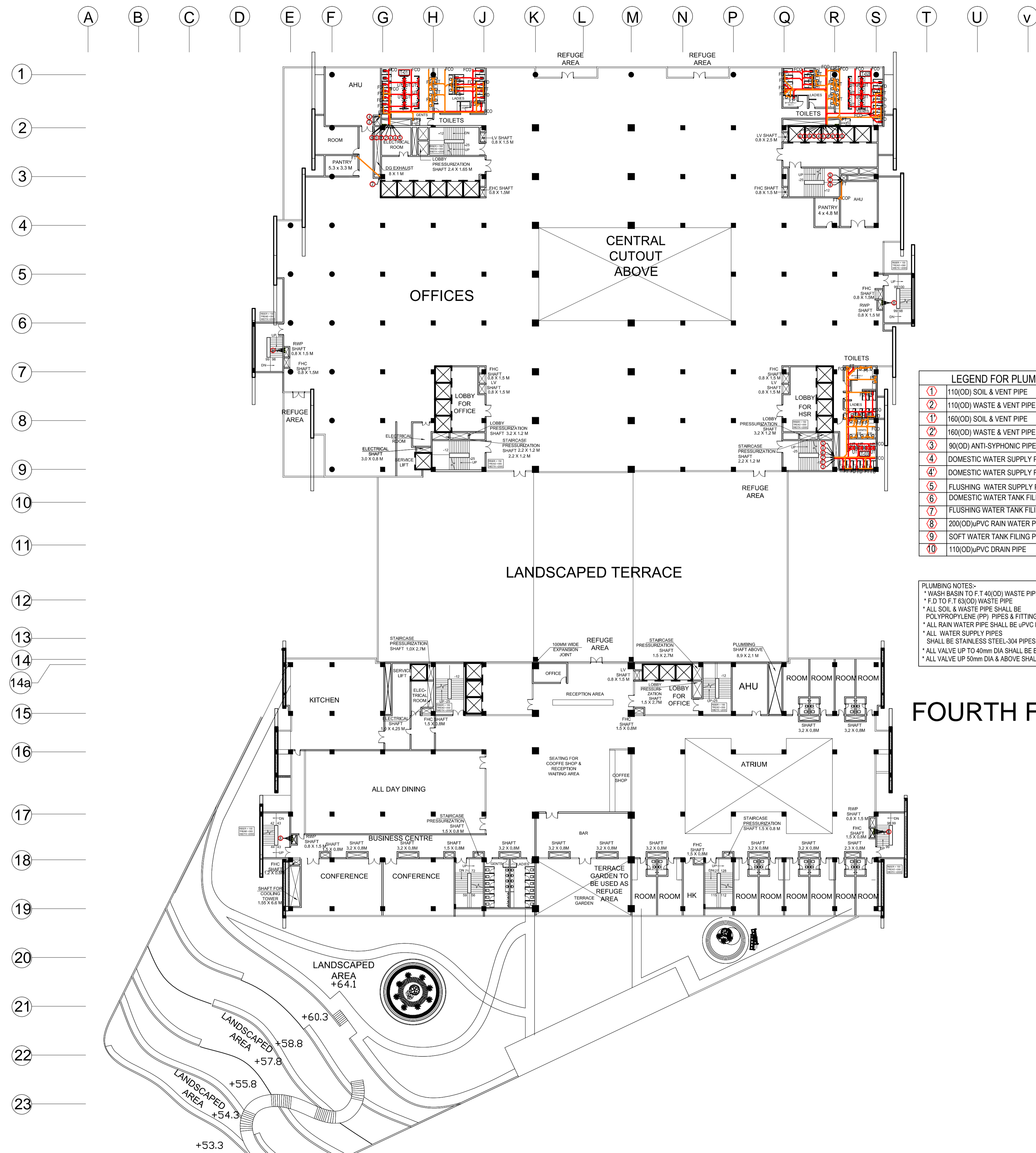
OWNER: **NHSRCL, Asia Bhawan, 2nd Floor, Sector 9, Dwarka, Delhi - 110077**

CONSULTANT: **MITES THE INFRASTRUCTURE PEOPLE**

MITES Bhawan, Plot No.1, Sector 29, Gurugram - 122001

ARCHITECTS: **DESIGN WORKSHOP**

100B - C Block, Kalkaji, New Delhi - 110019



- NOTES:**
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LEGEND FOR PLUMBING

①	110(OD) SOIL & VENT PIPE
②	110(OD) WASTE & VENT PIPE
③	160(OD) SOIL & VENT PIPE
④	160(OD) WASTE & VENT PIPE
⑤	90(OD) ANTI-SYPHONIC PIPE
⑥	DOMESTIC WATER SUPPLY PIPE
⑦	DOMESTIC WATER SUPPLY PIPE FOR UPPER TWO FLOOR
⑧	FLUSHING WATER SUPPLY PIPE
⑨	DOMESTIC WATER TANK FILING PIPE
⑩	FLUSHING WATER TANK FILING PIPE
⑪	200(OD)uPVC RAIN WATER PIPE
⑫	SOFT WATER TANK FILING PIPE
⑬	110(OD)uPVC DRAIN PIPE

PLUMBING NOTES:-

- * WASH BASIN TO F.T 40(OD) WASTE PIPE
- * F.D TO F.T 83(OD) WASTE PIPE
- * ALL SOIL & WASTE PIPE SHALL BE POLYPROPYLENE (PP) PIPES & FITTINGS.
- * ALL RAIN WATER PIPE SHALL BE uPVC PIPES & FITTINGS.
- * ALL WATER SUPPLY PIPES SHALL BE STAINLESS STEEL-304 PIPES & FITTINGS.
- * ALL VALVE UP TO 40mm DIA SHALL BE BALL VALVE.
- * ALL VALVE UP 50mm DIA & ABOVE SHALL BE BUTTER FLY VALVE.

FOURTH FLOOR PLAN

STAGE II SUBMISSION

APPROVED BY: **NHSRCL**

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

PREPARED BY: **MITES LTD.**

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

SABARMATI HSR TERMINAL

DWG TITLE : **FOURTH FLOOR PLAN - PLUMBING**
 DWG NO : **HSR/SABARMATI/PL-07**
 SCALE : **1:350** REVISION: R0
 DATE: 15.06.2018

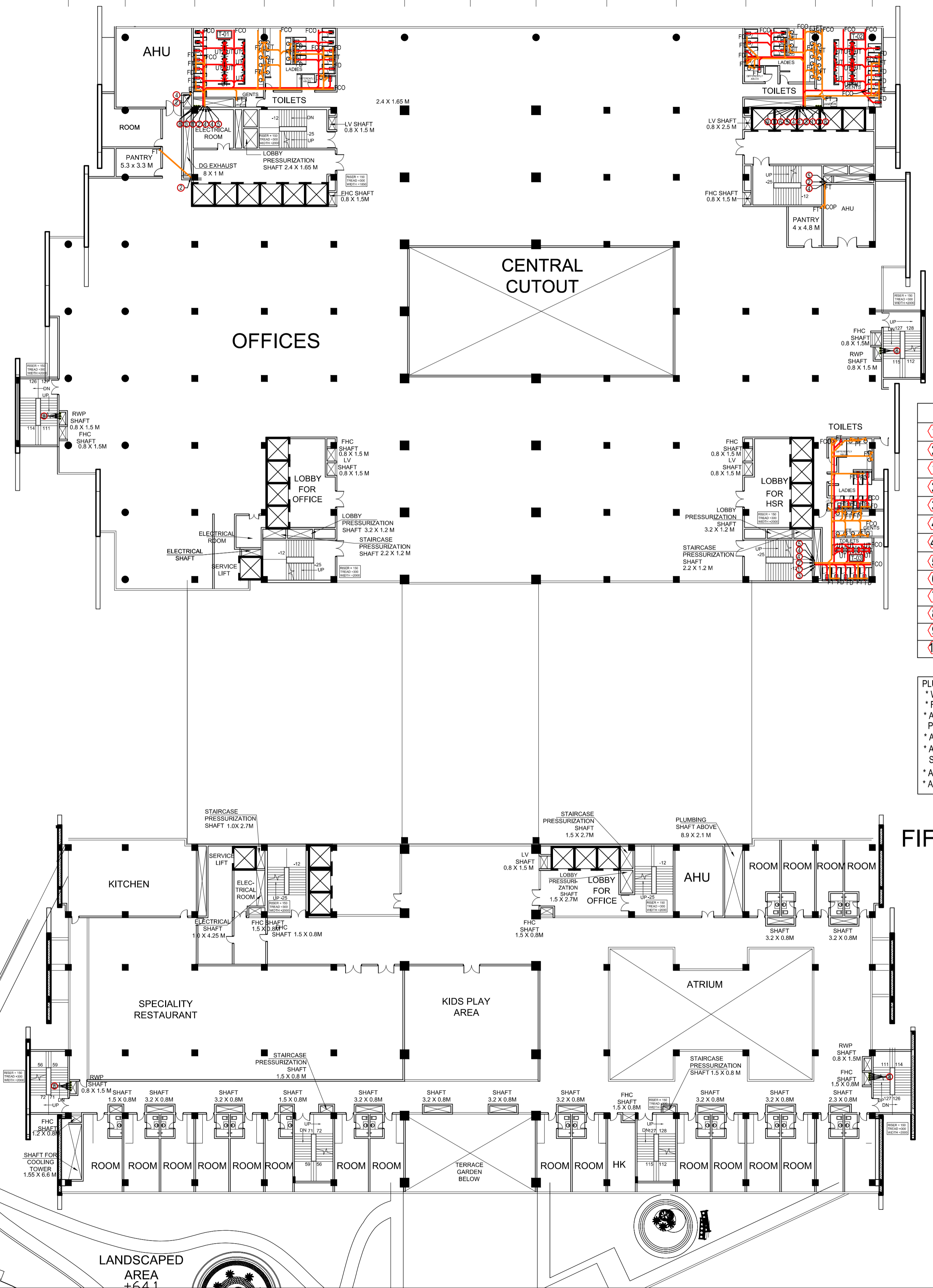
PROJECT : **MUMBAI - AHMEDABAD HIGH SPEED RAIL PROJECT**
 OWNER : **NHSRCL, Asia Bhawan, 2nd Floor, Sector 9, Dwarka, Delhi - 110077**

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

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

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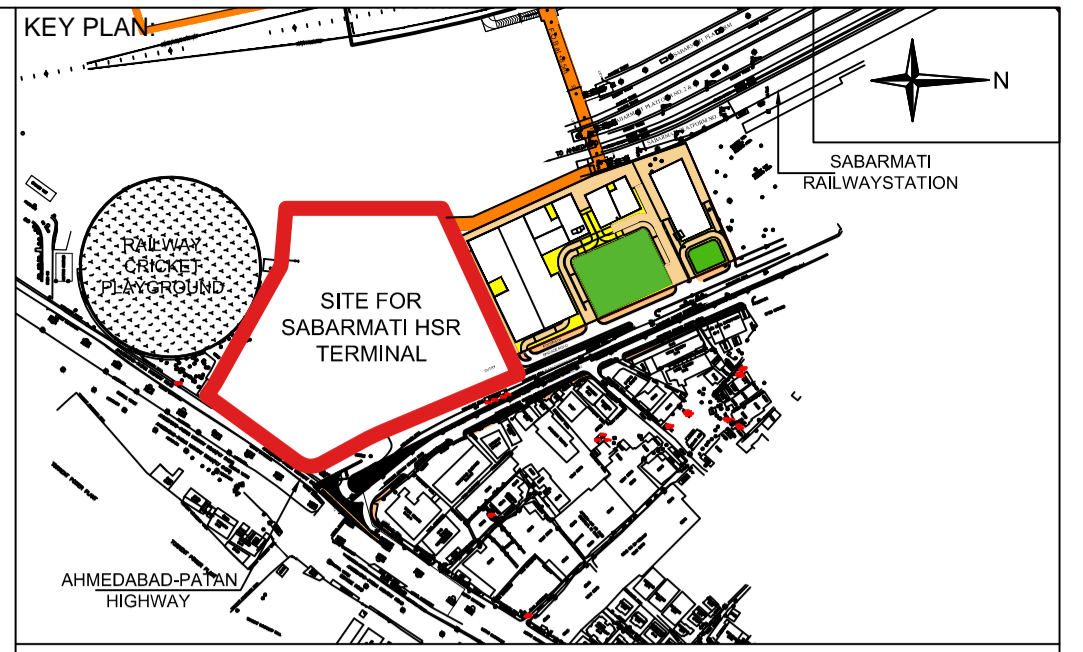


LEGEND FOR PLUMBING

①	110(OD) SOIL & VENT PIPE
②	110(OD) WASTE & VENT PIPE
③	160(OD) SOIL & VENT PIPE
④	160(OD) WASTE & VENT PIPE
⑤	90(OD) ANTI-SYPHONIC PIPE
⑥	DOMESTIC WATER SUPPLY PIPE
⑦	DOMESTIC WATER SUPPLY PIPE FOR UPPER TWO FLOOR
⑧	FLUSHING WATER SUPPLY PIPE
⑨	DOMESTIC WATER TANK FILING PIPE
⑩	FLUSHING WATER TANK FILING PIPE
⑪	200(OD)uPVC RAIN WATER PIPE
⑫	SOFT WATER TANK FILING PIPE
⑬	110(OD)uPVC DRAIN PIPE

PLUMBING NOTES:-
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 * F.D TO F.T 63(OD) WASTE PIPE
 * ALL SOIL & WASTE PIPE SHALL BE POLYPROPYLENE (PP) PIPES & FITTINGS.
 * ALL RAIN WATER PIPE SHALL BE uPVC PIPES & FITTINGS.
 * ALL WATER SUPPLY PIPES SHALL BE STAINLESS STEEL-304 PIPES & FITTINGS.
 * ALL VALVE UP TO 40mm DIA SHALL BE BALL VALVE.
 * ALL VALVE UP 50mm DIA & ABOVE SHALL BE BUTTER FLY VALVE.

FIFTH FLOOR PLAN



- NOTES:**
1. ALL DIMENSIONS AND LEVELS ARE IN M., UNLESS OTHERWISE MENTIONED.
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STAGE II SUBMISSION

APPROVED BY: **NHSRCL**

SIGNATURE: _____ DATE: _____

PREPARED BY: **MITES LTD.**

SIGNATURE: _____ DATE: _____

SABARMATI HSR TERMINAL

PROJECT : MUMBAI - AHMEDABAD HIGH SPEED RAIL PROJECT

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

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

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

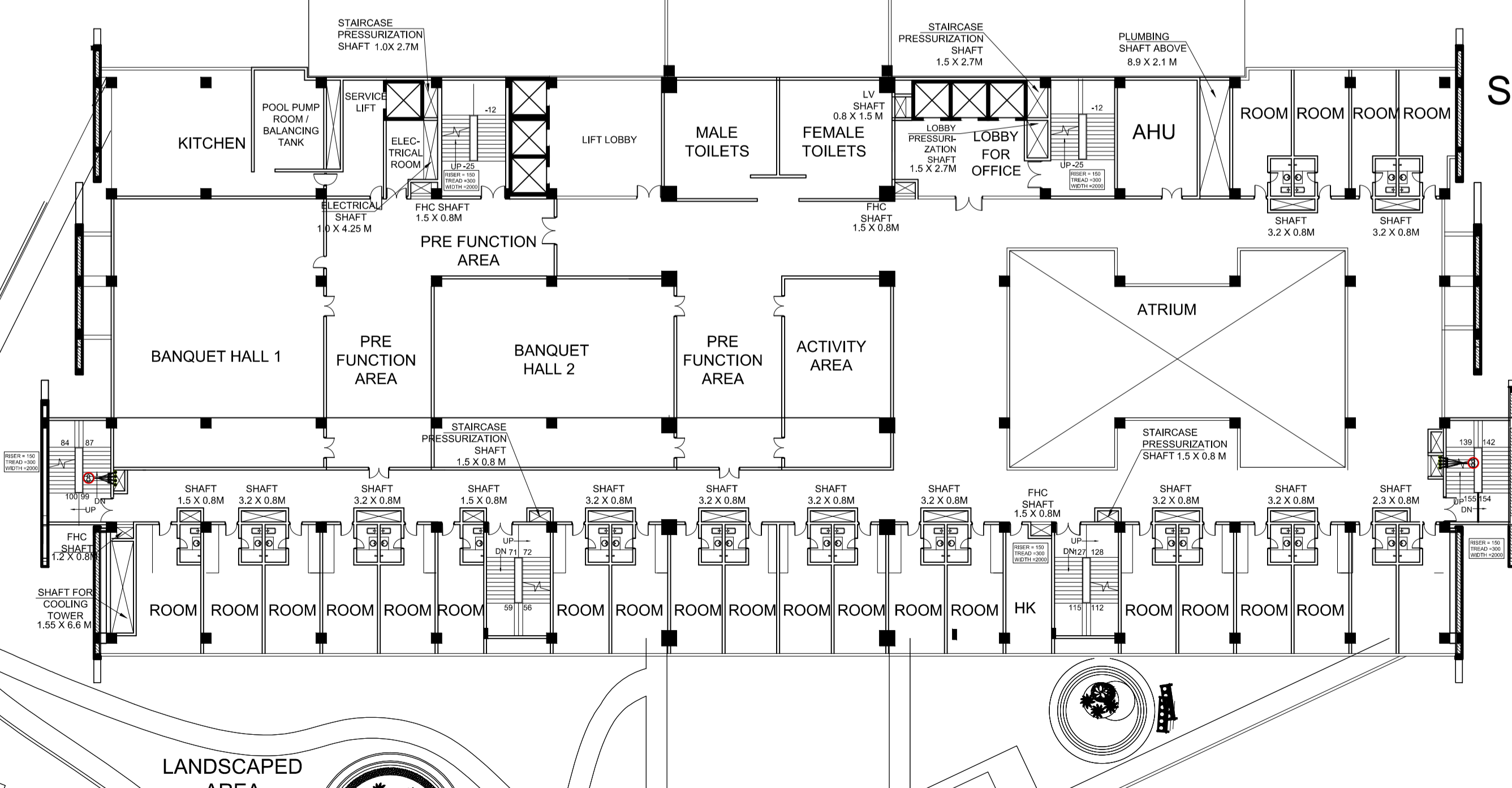
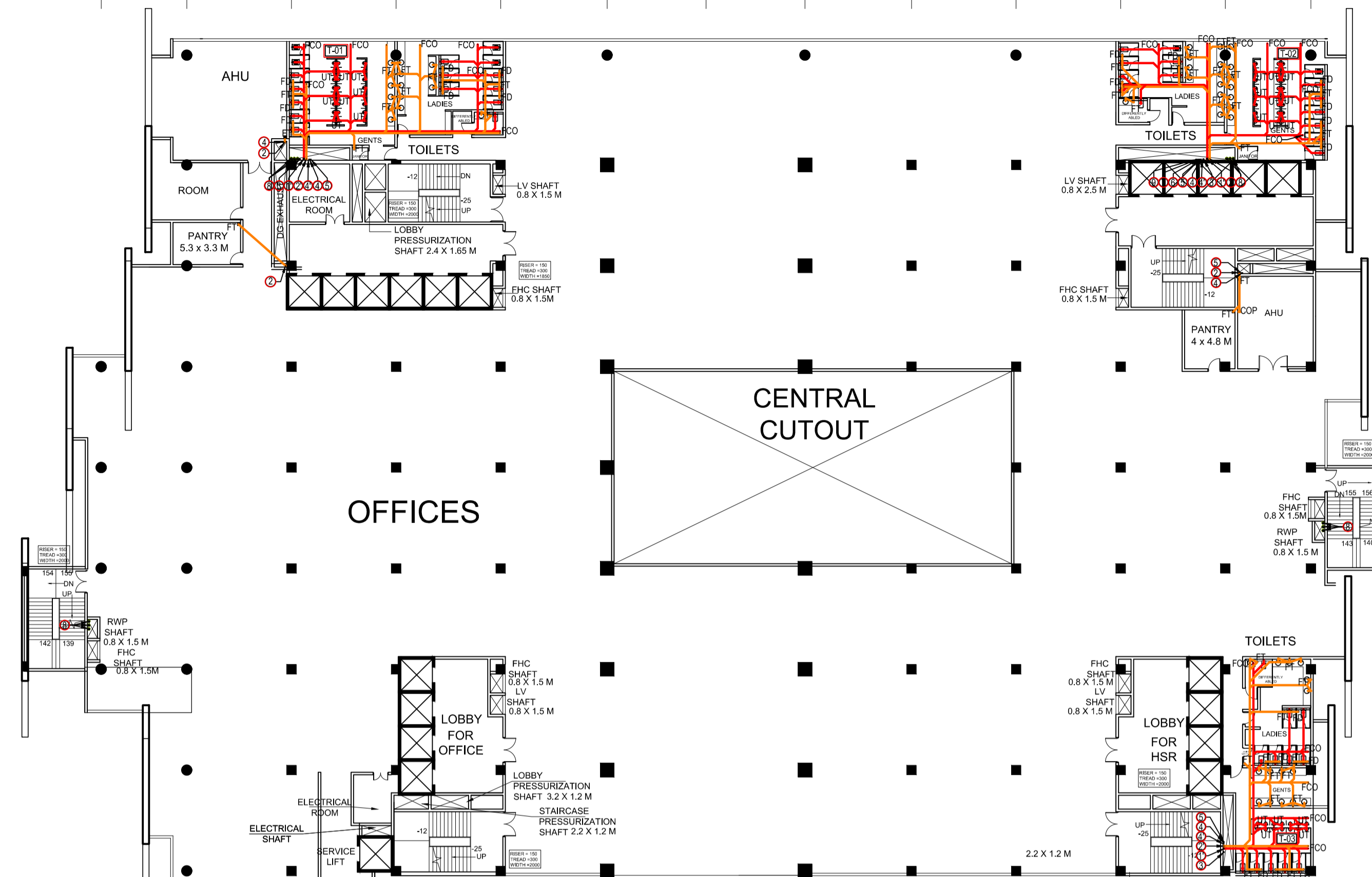
DWG TITLE : **FIFTH FLOOR PLAN - PLUMBING**

DWG NO : **HSR/SABARMATI/PL-08**

SCALE : **1:300** REVISION: R0
 DATE: 15.06.2018

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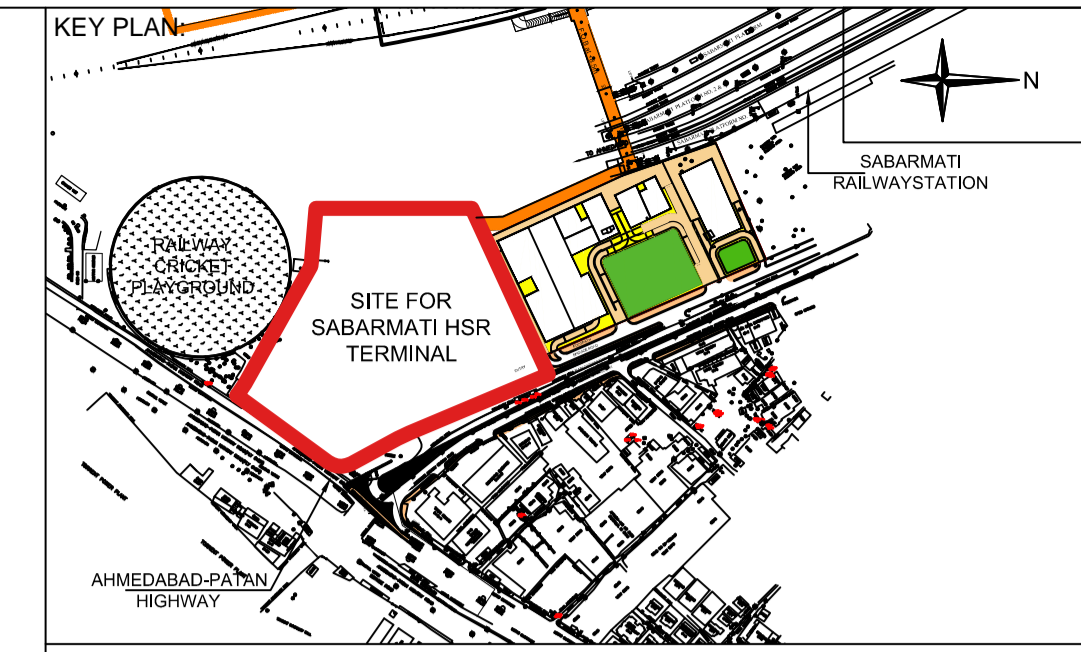


LEGEND FOR PLUMBING

①	110(OD) SOIL & VENT PIPE
②	110(OD) WASTE & VENT PIPE
①	160(OD) SOIL & VENT PIPE
②	160(OD) WASTE & VENT PIPE
③	90(OD) ANTI-SYPHONIC PIPE
④	DOMESTIC WATER SUPPLY PIPE
④	DOMESTIC WATER SUPPLY PIPE FOR UPPER TWO FLOOR
⑤	FLUSHING WATER SUPPLY PIPE
⑥	DOMESTIC WATER TANK FILING PIPE
⑦	FLUSHING WATER TANK FILING PIPE
⑧	200(OD)uPVC RAIN WATER PIPE
⑨	SOFT WATER TANK FILING PIPE
⑩	110(OD)uPVC DRAIN PIPE

- PLUMBING NOTES-**
- * WASH BASIN TO F.T 40(OD) WASTE PIPE
 - * F.D TO F.T 63(OD) WASTE PIPE
 - * ALL SOIL & WASTE PIPE SHALL BE POLYPROPYLENE (PP) PIPES & FITTINGS.
 - * ALL RAIN WATER PIPE SHALL BE uPVC PIPES & FITTINGS.
 - * ALL WATER SUPPLY PIPES SHALL BE STAINLESS STEEL-304 PIPES & FITTINGS.
 - * ALL VALVE UP TO 40mm DIA SHALL BE BALL VALVE.
 - * ALL VALVE UP 50mm DIA & ABOVE SHALL BE BUTTER FLY VALVE.

SIXTH FLOOR PLAN



- 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.

STAGE II SUBMISSION

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

SABARMATI HSR TERMINAL

PROJECT : MUMBAI - AHMEDABAD HIGH SPEED RAIL PROJECT

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

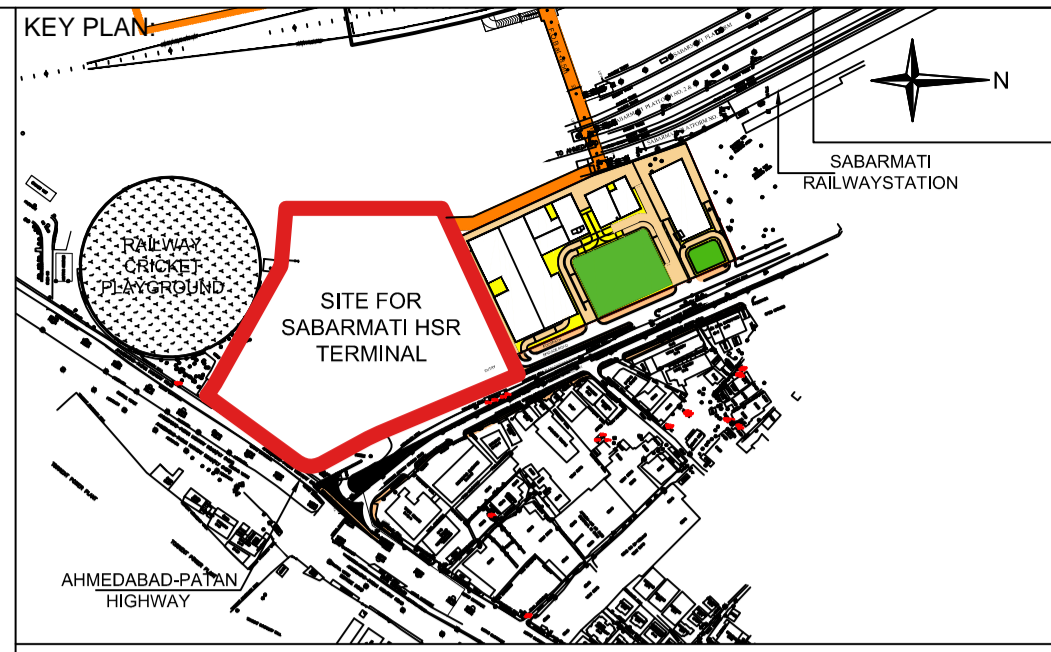
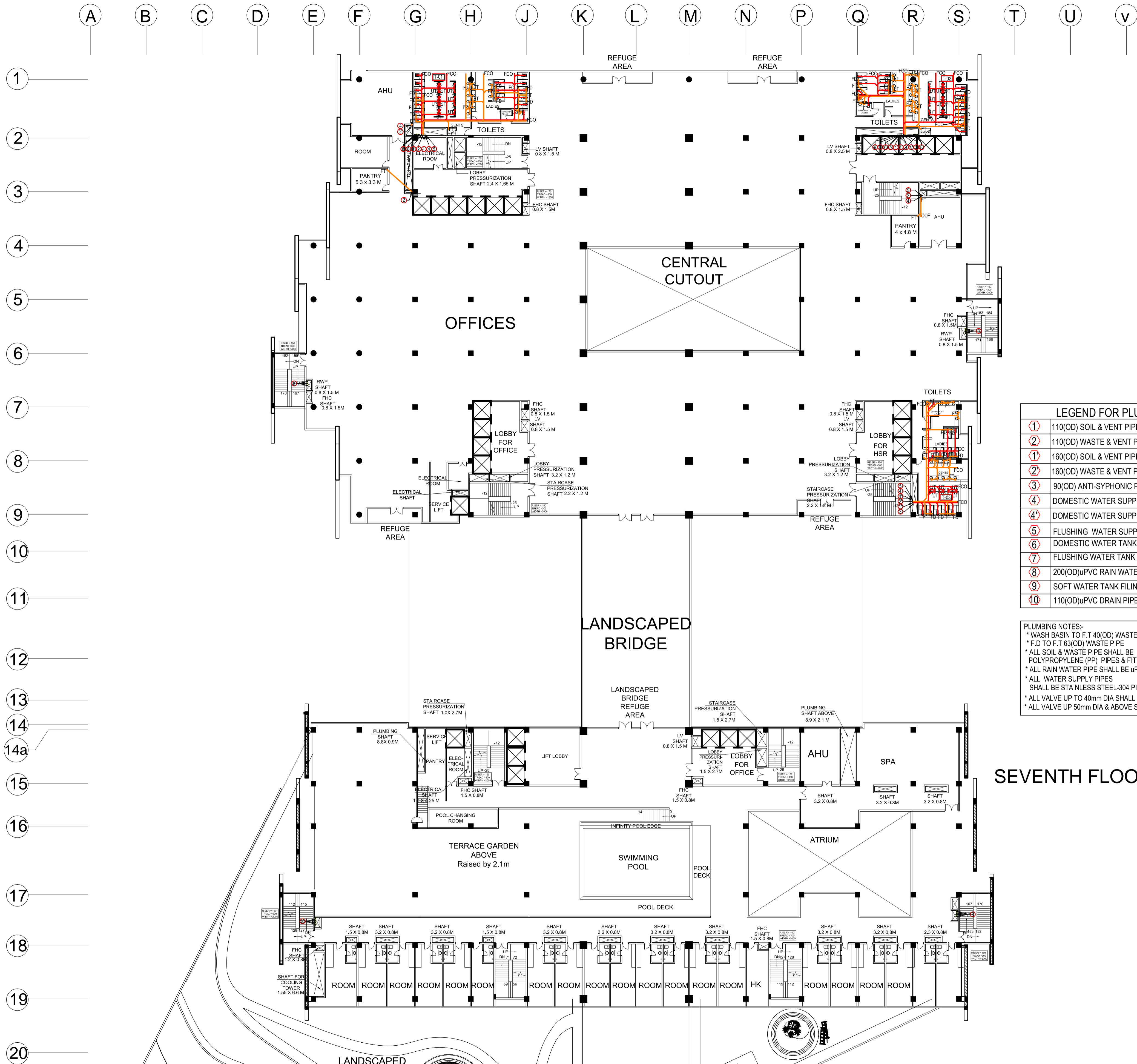
CONSULTANT : RITES THE INFRASTRUCTURE PEOPLE RITES Bhawan, Plot No.1, Sector 29, Gurugram - 122001

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

DWG TITLE : **SIXTH FLOOR PLAN - PLUMBING**

DWG NO : HSR/SABARMATI/PL-09

SCALE : 1:300 REVISION: R0 DATE: 15.06.2018



- NOTES:**
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LEGEND FOR PLUMBING	
①	110(OD) SOIL & VENT PIPE
②	110(OD) WASTE & VENT PIPE
③	160(OD) SOIL & VENT PIPE
④	160(OD) WASTE & VENT PIPE
⑤	90(OD) ANTI-SYPHONIC PIPE
⑥	DOMESTIC WATER SUPPLY PIPE
⑦	DOMESTIC WATER SUPPLY PIPE FOR UPPER TWO FLOOR
⑧	FLUSHING WATER SUPPLY PIPE
⑨	DOMESTIC WATER TANK FILING PIPE
⑩	FLUSHING WATER TANK FILING PIPE
⑪	200(OD)UPVC RAIN WATER PIPE
⑫	SOFT WATER TANK FILING PIPE
⑬	110(OD)UPVC DRAIN PIPE

PLUMBING NOTES:-

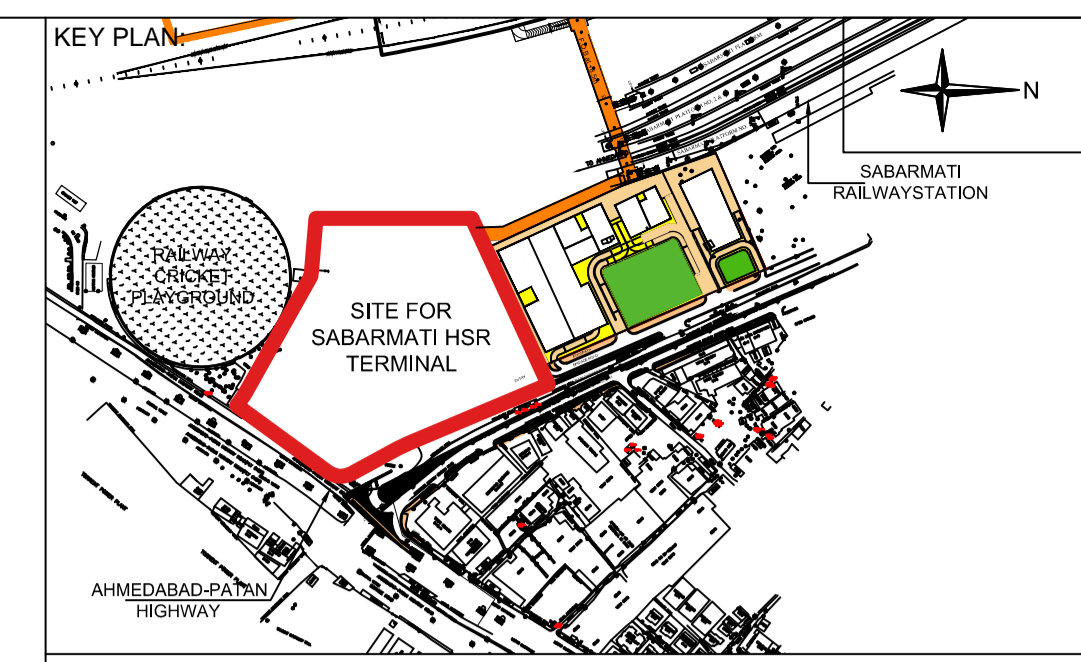
- * WASH BASIN TO F.T 40(OD) WASTE PIPE
- * F.D TO F.T 63(OD) WASTE PIPE
- * ALL SOIL & WASTE PIPE SHALL BE POLYPROPYLENE (PP) PIPES & FITTINGS.
- * ALL RAIN WATER PIPE SHALL BE UPVC PIPES & FITTINGS.
- * ALL WATER SUPPLY PIPES SHALL BE STAINLESS STEEL-304 PIPES & FITTINGS.
- * ALL VALVE UP TO 40mm DIA SHALL BE BALL VALVE.
- * ALL VALVE UP 50mm DIA & ABOVE SHALL BE BUTTER FLY VALVE.

SEVENTH FLOOR PLAN

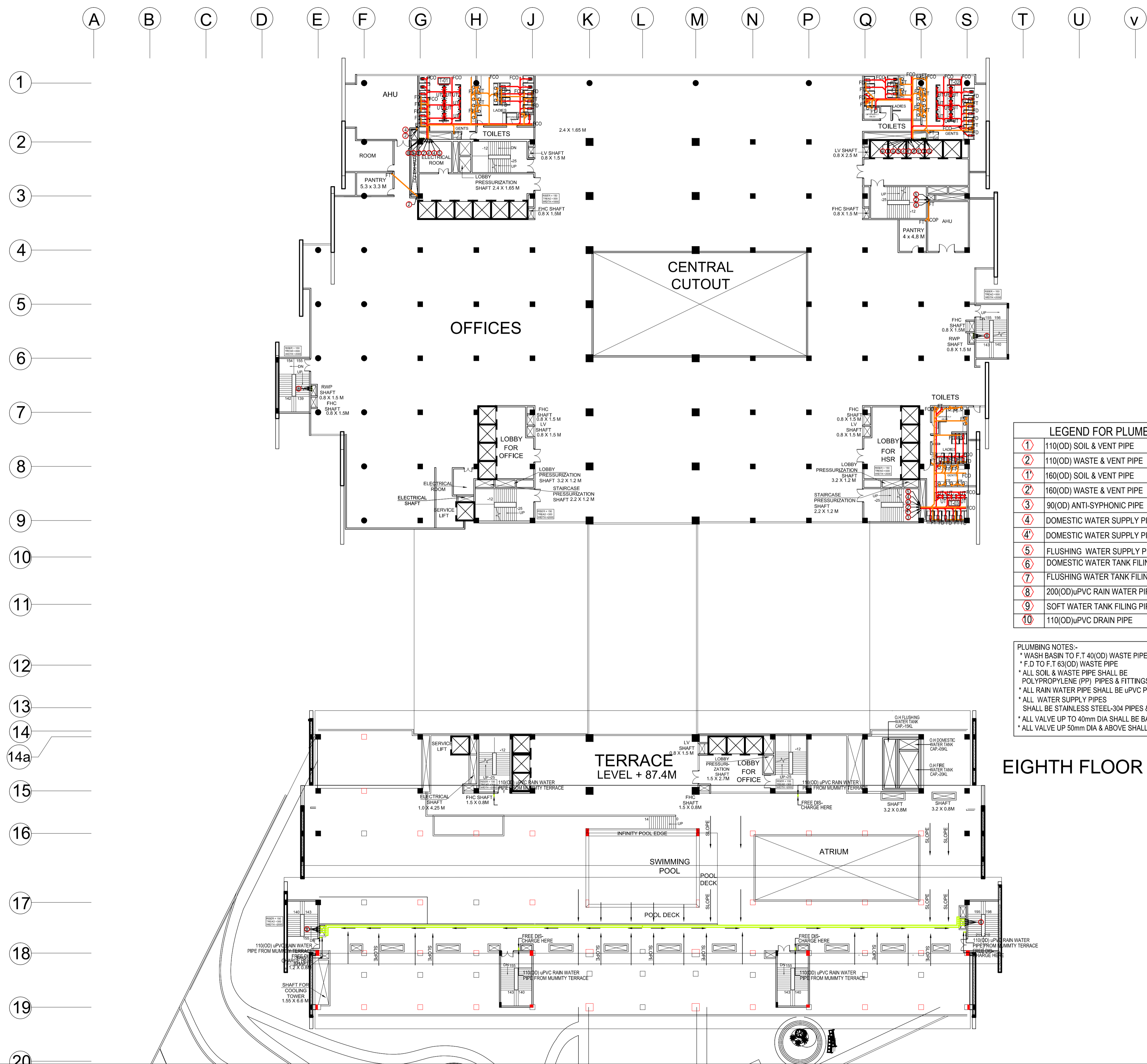
STAGE II SUBMISSION

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

SABARMATI HSR TERMINAL



- NOTES:**
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LEGEND FOR PLUMBING

①	110(OD) SOIL & VENT PIPE
②	110(OD) WASTE & VENT PIPE
③	160(OD) SOIL & VENT PIPE
④	160(OD) WASTE & VENT PIPE
⑤	90(OD) ANTI-SYPHONIC PIPE
⑥	DOMESTIC WATER SUPPLY PIPE
⑦	DOMESTIC WATER SUPPLY PIPE FOR UPPER TWO FLOOR
⑧	FLUSHING WATER SUPPLY PIPE
⑨	DOMESTIC WATER TANK FILING PIPE
⑩	FLUSHING WATER TANK FILING PIPE
⑪	200(OD)uPVC RAIN WATER PIPE
⑫	SOFT WATER TANK FILING PIPE
⑬	110(OD)uPVC DRAIN PIPE

PLUMBING NOTES:-

- * WASH BASIN TO F.T 40(OD) WASTE PIPE
- * F.D TO F.T 63(OD) WASTE PIPE
- * ALL SOIL & WASTE PIPE SHALL BE POLYPROPYLENE (PP) PIPES & FITTINGS.
- * ALL RAIN WATER PIPE SHALL BE uPVC PIPES & FITTINGS.
- * ALL WATER SUPPLY PIPES SHALL BE STAINLESS STEEL-304 PIPES & FITTINGS.
- * ALL VALVE UP TO 40mm DIA SHALL BE BALL VALVE.
- * ALL VALVE UP 50mm DIA & ABOVE SHALL BE BUTTER FLY VALVE.

EIGHTH FLOOR PLAN

STAGE II SUBMISSION

APPROVED BY: **NHSRCL**

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

PREPARED BY: **MITES LTD.**

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

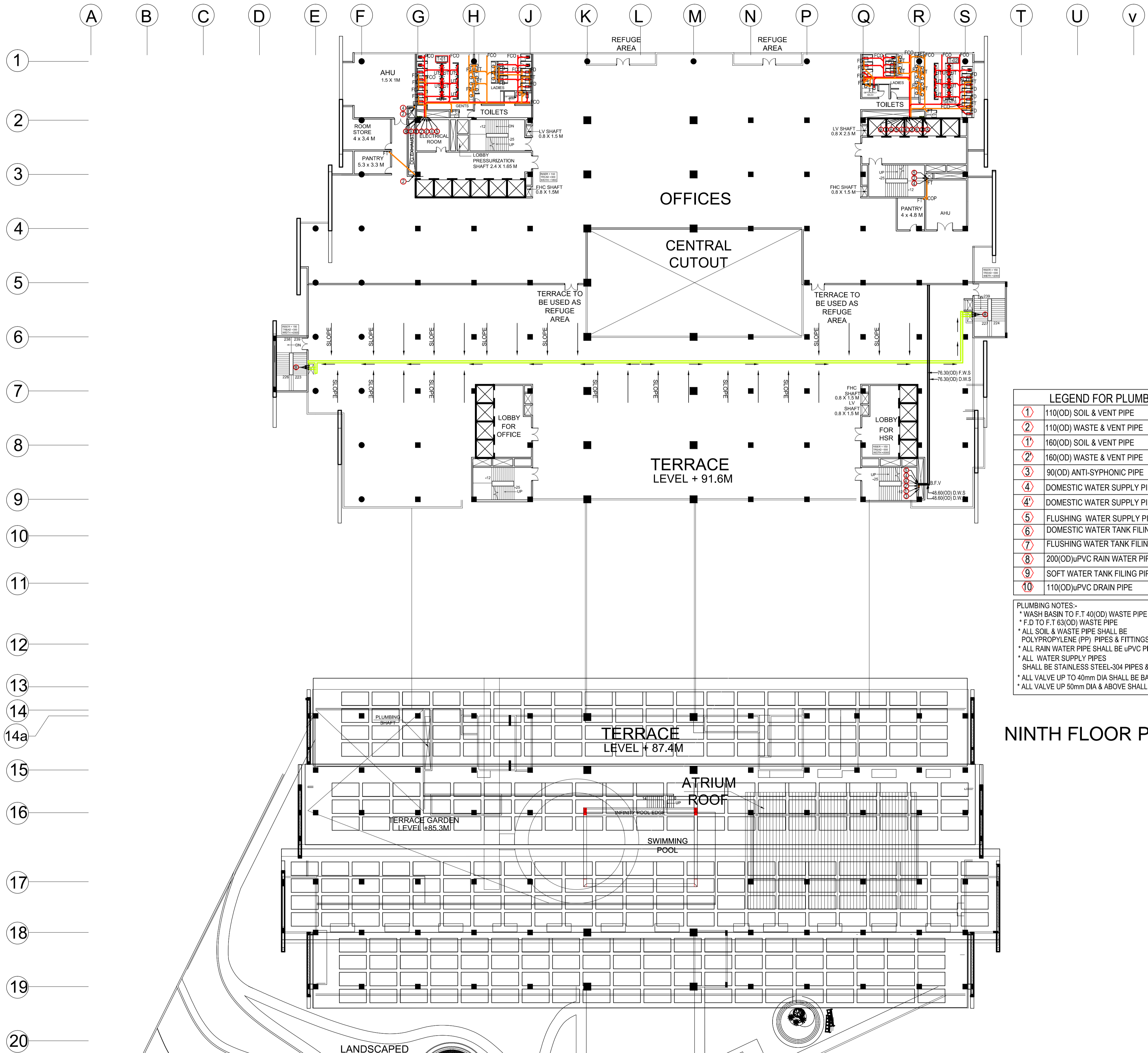
SABARMATI HSR TERMINAL

PROJECT : MUMBAI - AHMEDABAD HIGH SPEED RAIL PROJECT
 OWNER : NHSRCL, Asia Bhawan, 2nd Floor, Sector 9, Dwarka, Delhi - 110077

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

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

DWG TITLE : EIGHTH FLOOR PLAN - PLUMBING
 DWG NO : HSR/SABARMATI/PL-11
 SCALE : 1:300
 REVISION: R0
 DATE: 15.06.2018

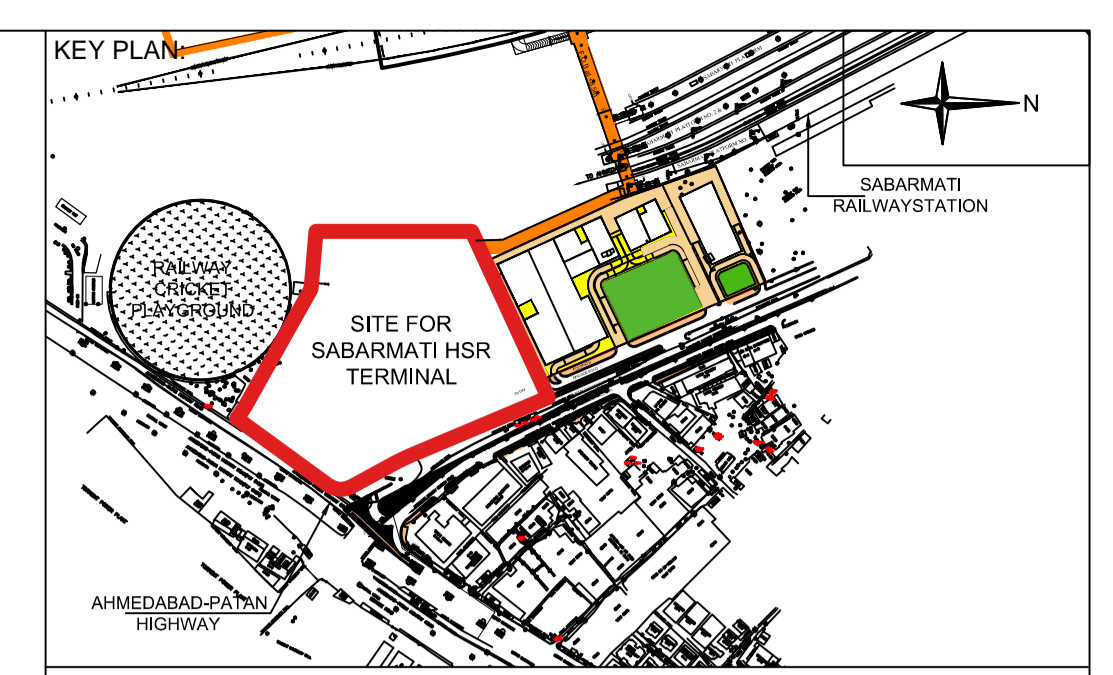


LEGEND FOR PLUMBING

①	110(OD) SOIL & VENT PIPE
②	110(OD) WASTE & VENT PIPE
①	160(OD) SOIL & VENT PIPE
②	160(OD) WASTE & VENT PIPE
③	90(OD) ANTI-SYPHONIC PIPE
④	DOMESTIC WATER SUPPLY PIPE
④'	DOMESTIC WATER SUPPLY PIPE FOR UPPER TWO FLOOR
⑤	FLUSHING WATER SUPPLY PIPE
⑥	DOMESTIC WATER TANK FILING PIPE
⑦	FLUSHING WATER TANK FILING PIPE
⑧	200(OD)uPVC RAIN WATER PIPE
⑨	SOFT WATER TANK FILING PIPE
⑩	110(OD)uPVC DRAIN PIPE

PLUMBING NOTES:-
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 * F.D TO F.T 63(OD) WASTE PIPE
 * ALL SOIL & WASTE PIPE SHALL BE POLYPROPYLENE (PP) PIPES & FITTINGS.
 * ALL RAIN WATER PIPE SHALL BE uPVC PIPES & FITTINGS.
 * ALL WATER SUPPLY PIPES SHALL BE STAINLESS STEEL-304 PIPES & FITTINGS.
 * ALL VALVE UP TO 40mm DIA SHALL BE BALL VALVE.
 * ALL VALVE UP 50mm DIA & ABOVE SHALL BE BUTTER FLY VALVE.

NINTH FLOOR PLAN



- NOTES:**
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STAGE II SUBMISSION

APPROVED BY: **NHSRCL**

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

PREPARED BY: **MITES LTD.**

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

SABARMATI HSR TERMINAL

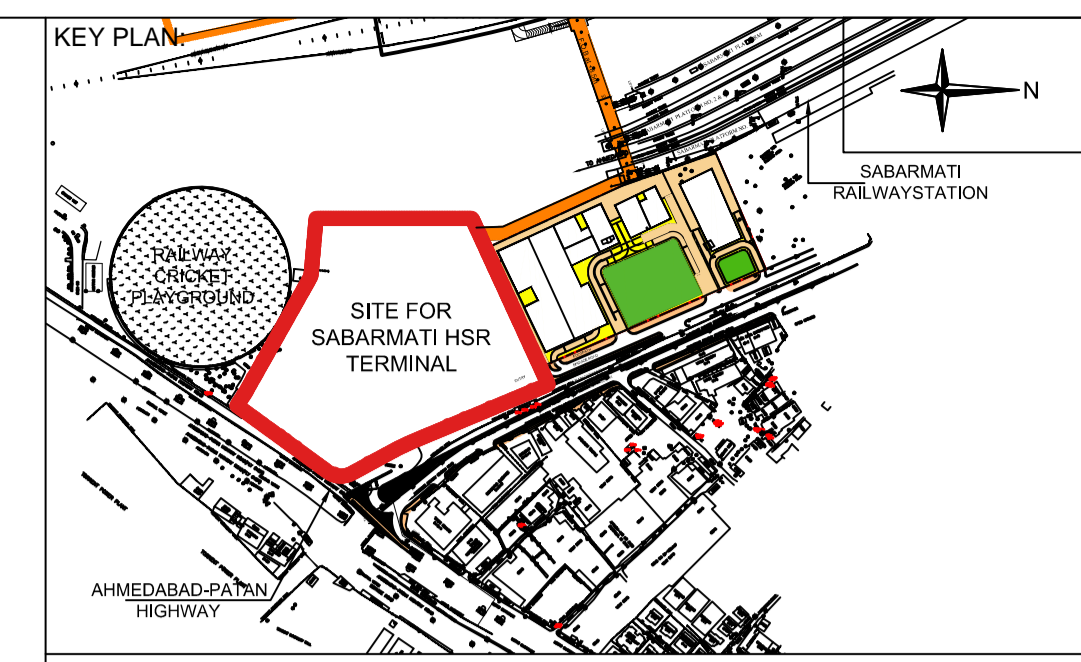
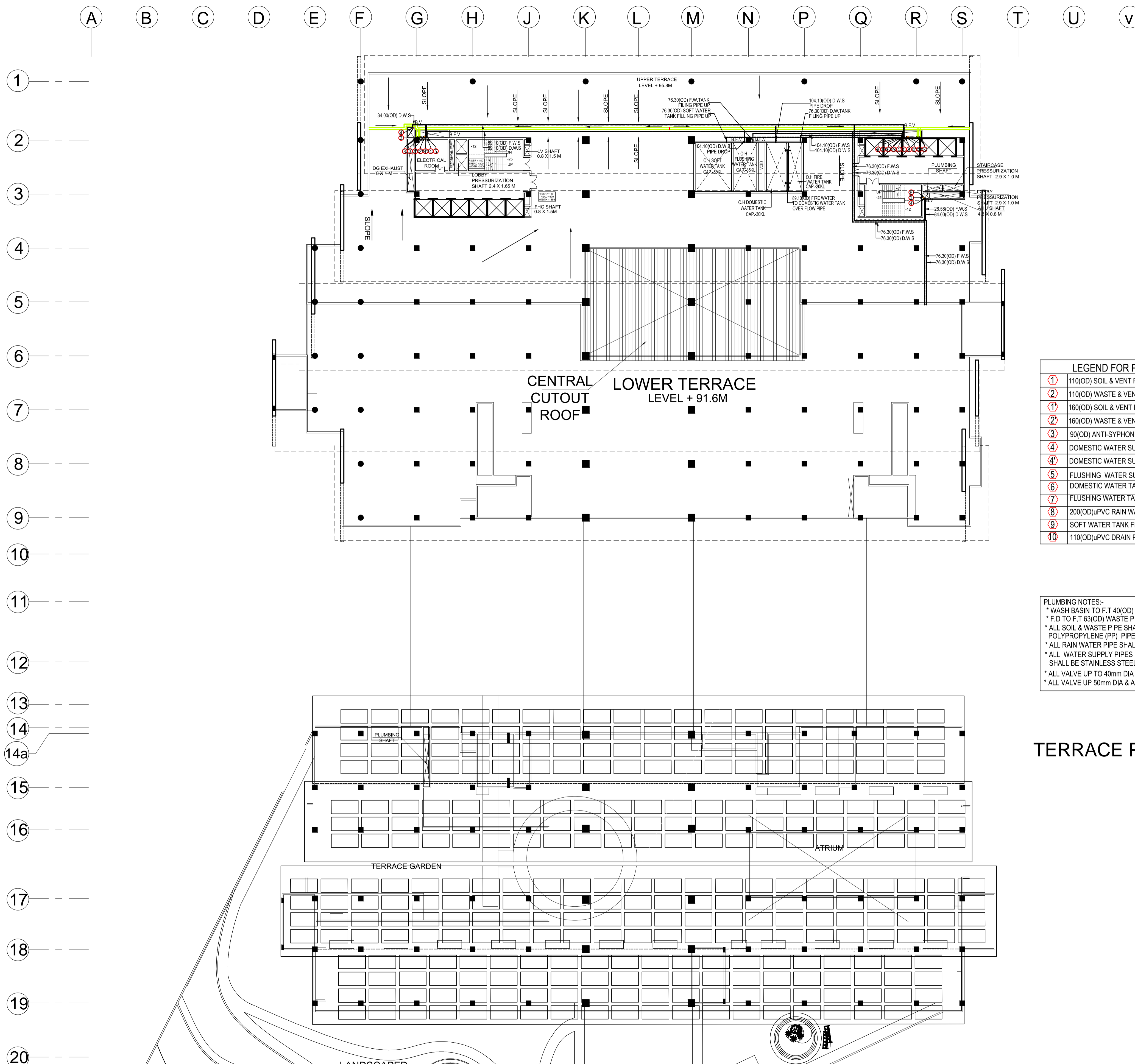
DWG TITLE : NINTH FLOOR PLAN - PLUMBING	
DWG NO : HSR/SABARMATI/PL-12	
SCALE : 1:300	REVISION: R0
	DATE: 15.06.2018

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

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

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

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



- NOTES:**
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LEGEND FOR PLUMBING

①	110(OD) SOIL & VENT PIPE
②	110(OD) WASTE & VENT PIPE
③	160(OD) SOIL & VENT PIPE
④	160(OD) WASTE & VENT PIPE
⑤	90(OD) ANTI-SYPHONIC PIPE
⑥	DOMESTIC WATER SUPPLY PIPE
⑦	DOMESTIC WATER SUPPLY PIPE FOR UPPER TWO FLOOR
⑧	FLUSHING WATER SUPPLY PIPE
⑨	DOMESTIC WATER TANK FILING PIPE
⑩	FLUSHING WATER TANK FILING PIPE
⑪	200(OD)uPVC RAIN WATER PIPE
⑫	SOFT WATER TANK FILING PIPE
⑬	110(OD)uPVC DRAIN PIPE

PLUMBING NOTES:-

- * WASH BASIN TO F.T 40(OD) WASTE PIPE
- * F.D TO F.T 63(OD) WASTE PIPE
- * ALL SOIL & WASTE PIPE SHALL BE POLYPROPYLENE (PP) PIPES & FITTINGS.
- * ALL RAIN WATER PIPE SHALL BE uPVC PIPES & FITTINGS.
- * ALL WATER SUPPLY PIPES SHALL BE STAINLESS STEEL-304 PIPES & FITTINGS.
- * ALL VALVE UP TO 40mm DIA SHALL BE BALL VALVE.
- * ALL VALVE UP 50mm DIA & ABOVE SHALL BE BUTTER FLY VALVE.

TERRACE PLAN

STAGE II SUBMISSION

APPROVED BY: **NHSRCL**

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

PREPARED BY: **MITES LTD.**

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

SABARMATI HSR TERMINAL

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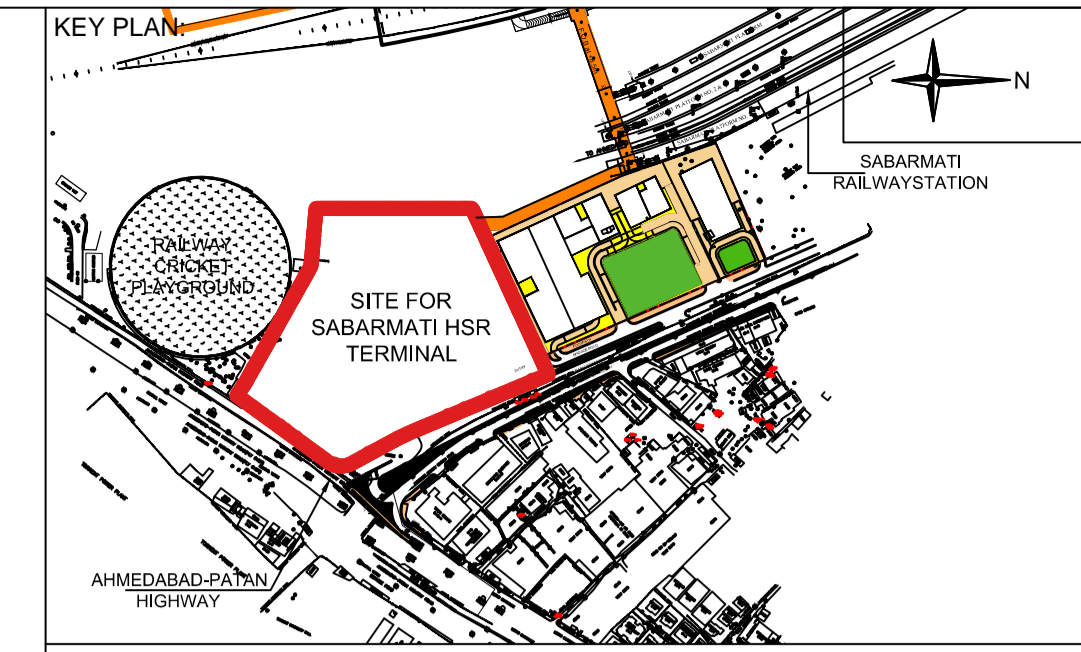


PLAN AT BASEMENT CEILING LEVEL

LEGEND FOR PLUMBING

①	110(OD) SOIL & VENT PIPE
②	110(OD) WASTE & VENT PIPE
③	160(OD) SOIL & VENT PIPE
④	160(OD) WASTE & VENT PIPE
⑤	90(OD) ANTI-SYPHONIC PIPE
⑥	DOMESTIC WATER SUPPLY PIPE
⑦	DOMESTIC WATER SUPPLY PIPE FOR UPPER TWO FLOOR
⑧	FLUSHING WATER SUPPLY PIPE
⑨	DOMESTIC WATER TANK FILING PIPE
⑩	FLUSHING WATER TANK FILING PIPE
⑪	200(OD)PVC RAIN WATER PIPE
⑫	SOFT WATER TANK FILING PIPE
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PLUMBING NOTES:-
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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: BASEMENT CEILING PLAN - PLUMBING

DWG NO: HSR/SABARMATI/PL-02

SCALE: 1:350 REVISION: R0

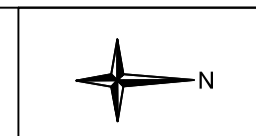
DATE: 15.06.2018

PROJECT: MUMBAI - AHMEDABAD HIGH SPEED RAIL PROJECT

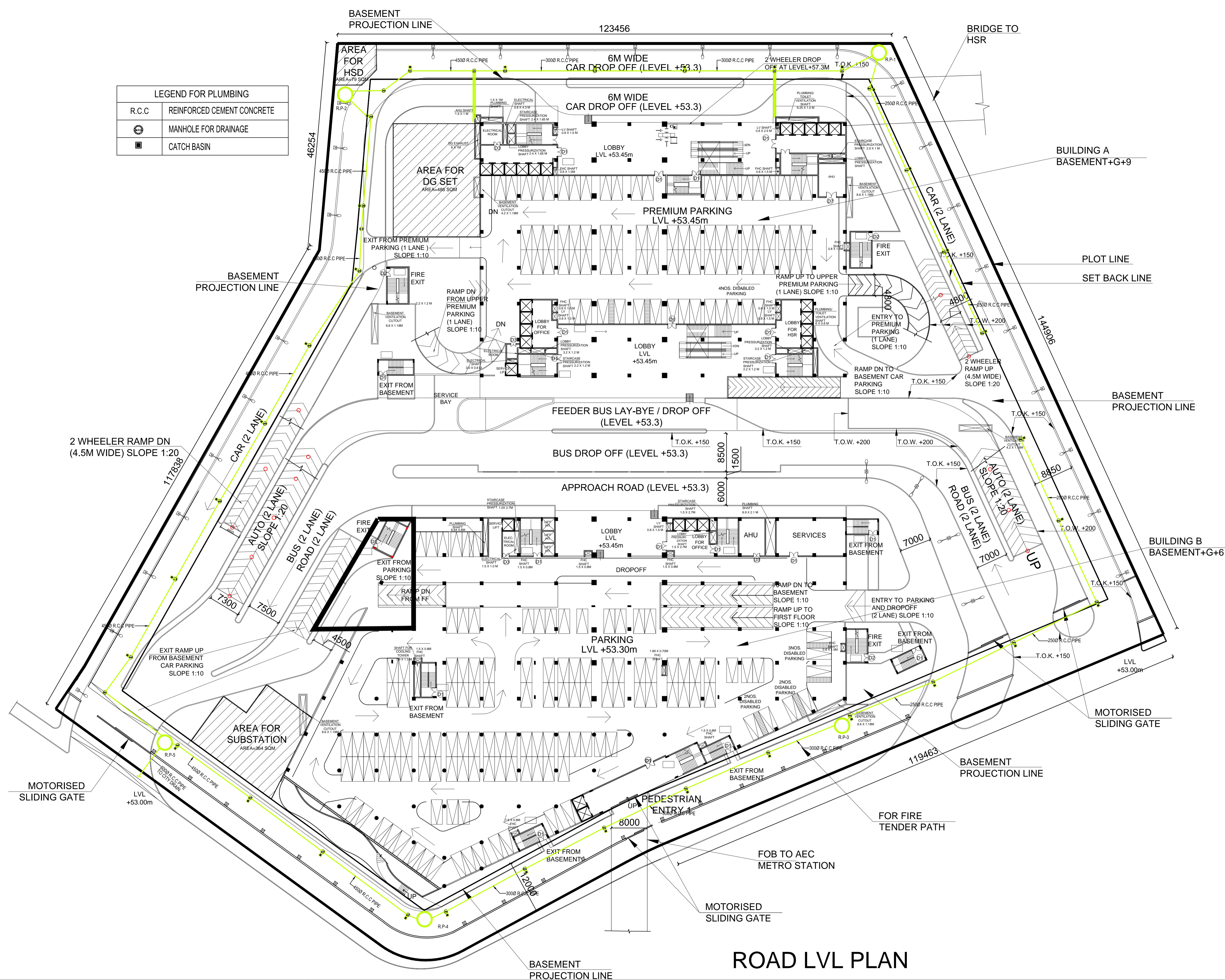
OWNER: NHSRCL, Asia Bhawan, 2nd Floor, Sector 9, Dwarka, Delhi - 110077

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

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



LEGEND FOR PLUMBING	
R.C.C	REINFORCED CEMENT CONCRETE
	MANHOLE FOR DRAINAGE
	CATCH BASIN



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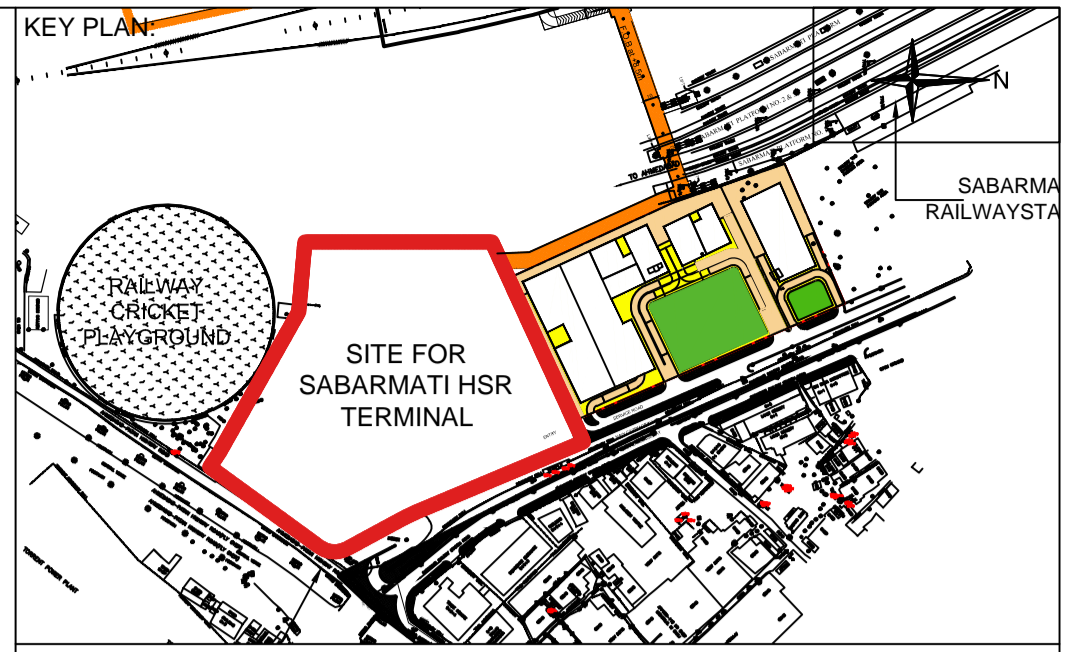
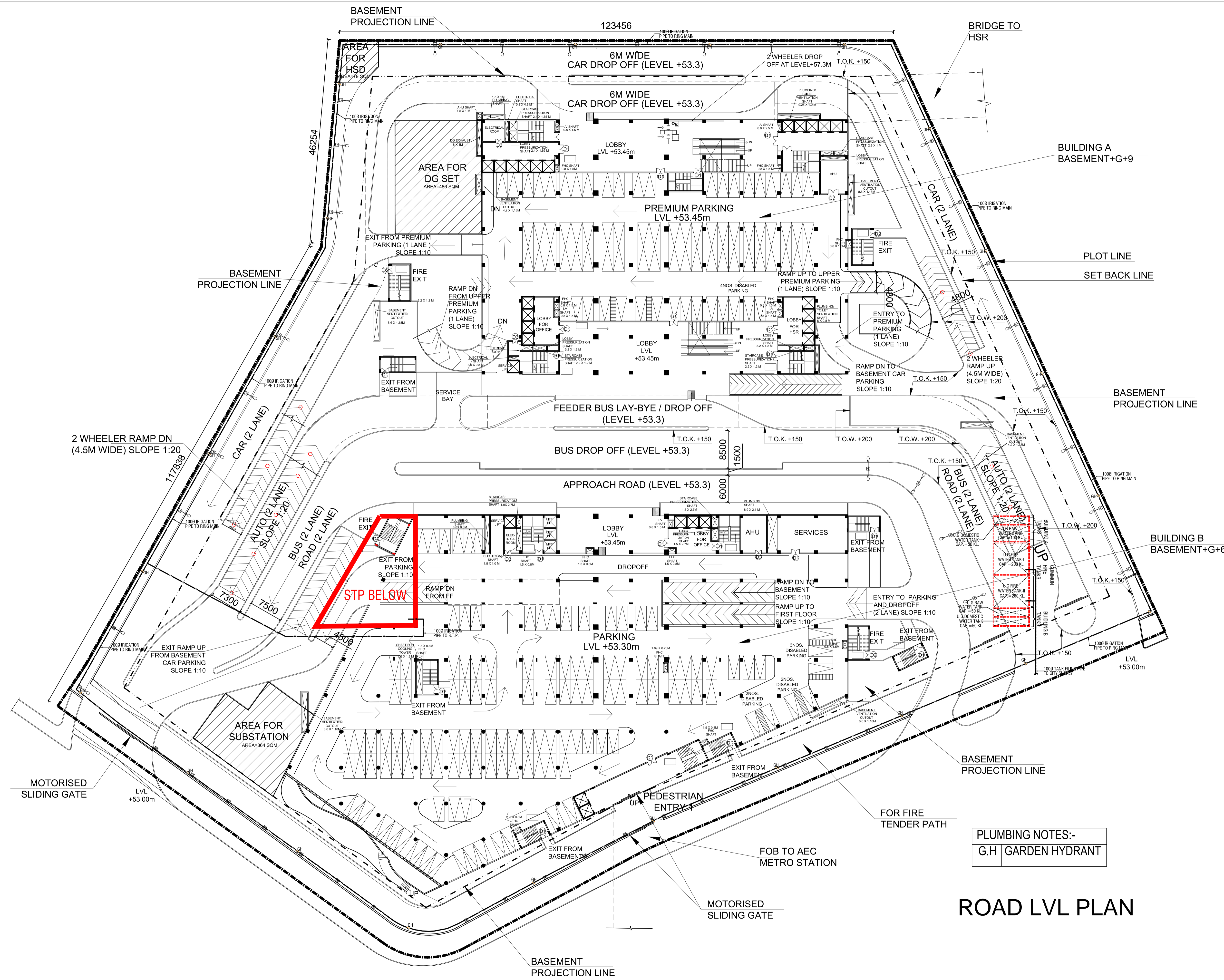
STAGE II SUBMISSION

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

ROAD LVL PLAN

PROJECT :	MUMBAI - AHMEDABAD HIGH SPEED RAIL PROJECT	CONSULTANT :	RITES THE INFRASTRUCTURE PEOPLE	ARCHITECTS :	DESIGN WORKSHOP 100B - C Block, Kalkaji, New Delhi - 110019
OWNER :	NHSRCL, Asia Bhawan, 2nd Floor, Sector 9, Dwarka, Delhi - 110077				

DWG TITLE : DRAINAGE SITE LAYOUT PLAN (PLUMBING)	
DWG NO :	HSR/SABARMATI/PL/DR-01
SCALE :	1:350
REVISION: R0	DATE: 15.06.2018



- NOTES:**
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STAGE II SUBMISSION

APPROVED BY: **NHSRCL**

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

PREPARED BY: **MITES LTD.**

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

SABARMATI HSR TERMINAL

DWG TITLE : WATER SUPPLY SITE LAYOUT PLAN (PLUMBING)

DWG NO : HSR/SABARMATI/PL/WS-01

SCALE : 1:350 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 :

MITES THE INFRASTRUCTURE PEOPLE
MITES Bhawan, Plot No.1, Sector 29, Gurugram - 122001

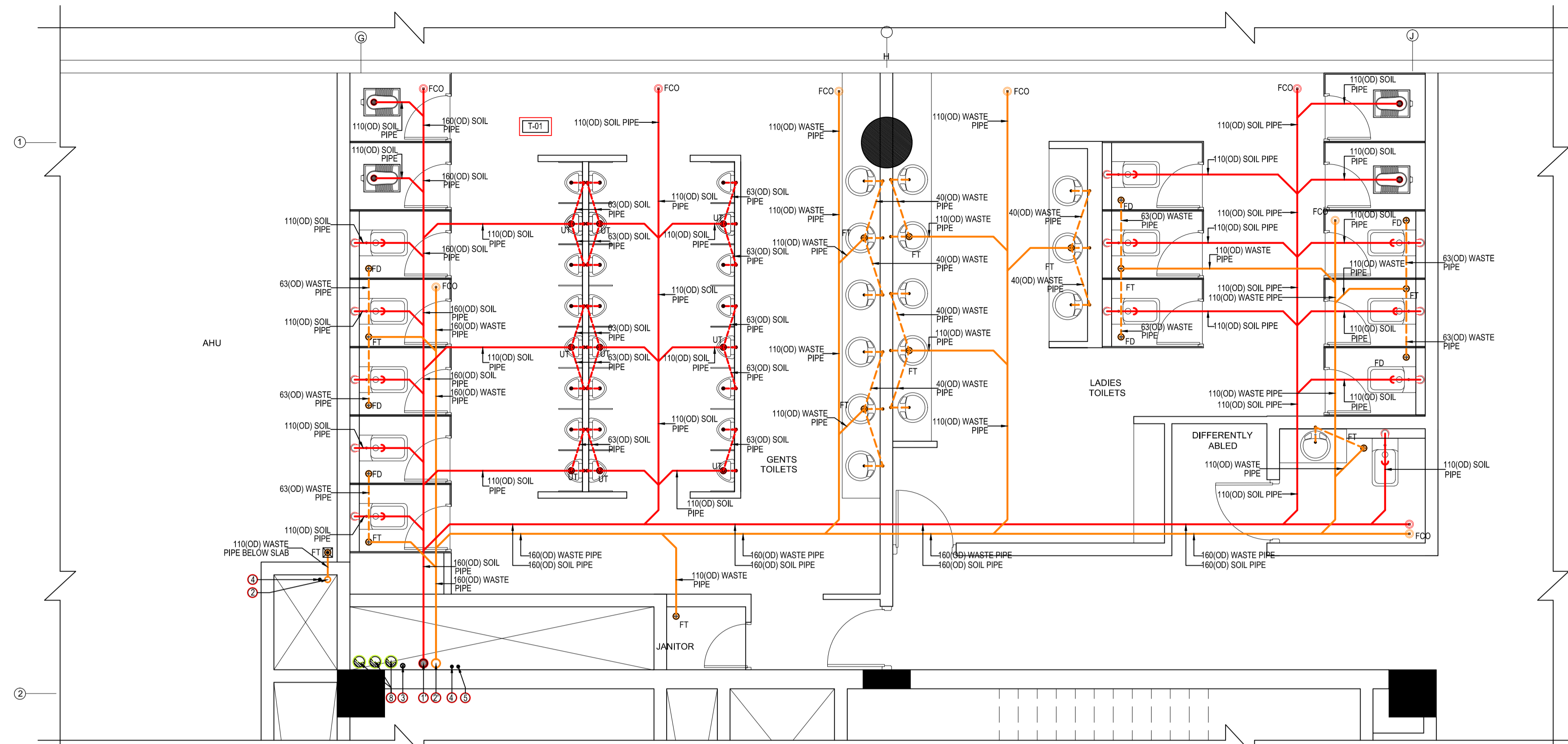
ARCHITECTS :

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

PLUMBING NOTES:-
G.H GARDEN HYDRANT

ROAD LVL PLAN

KEY PLAN:

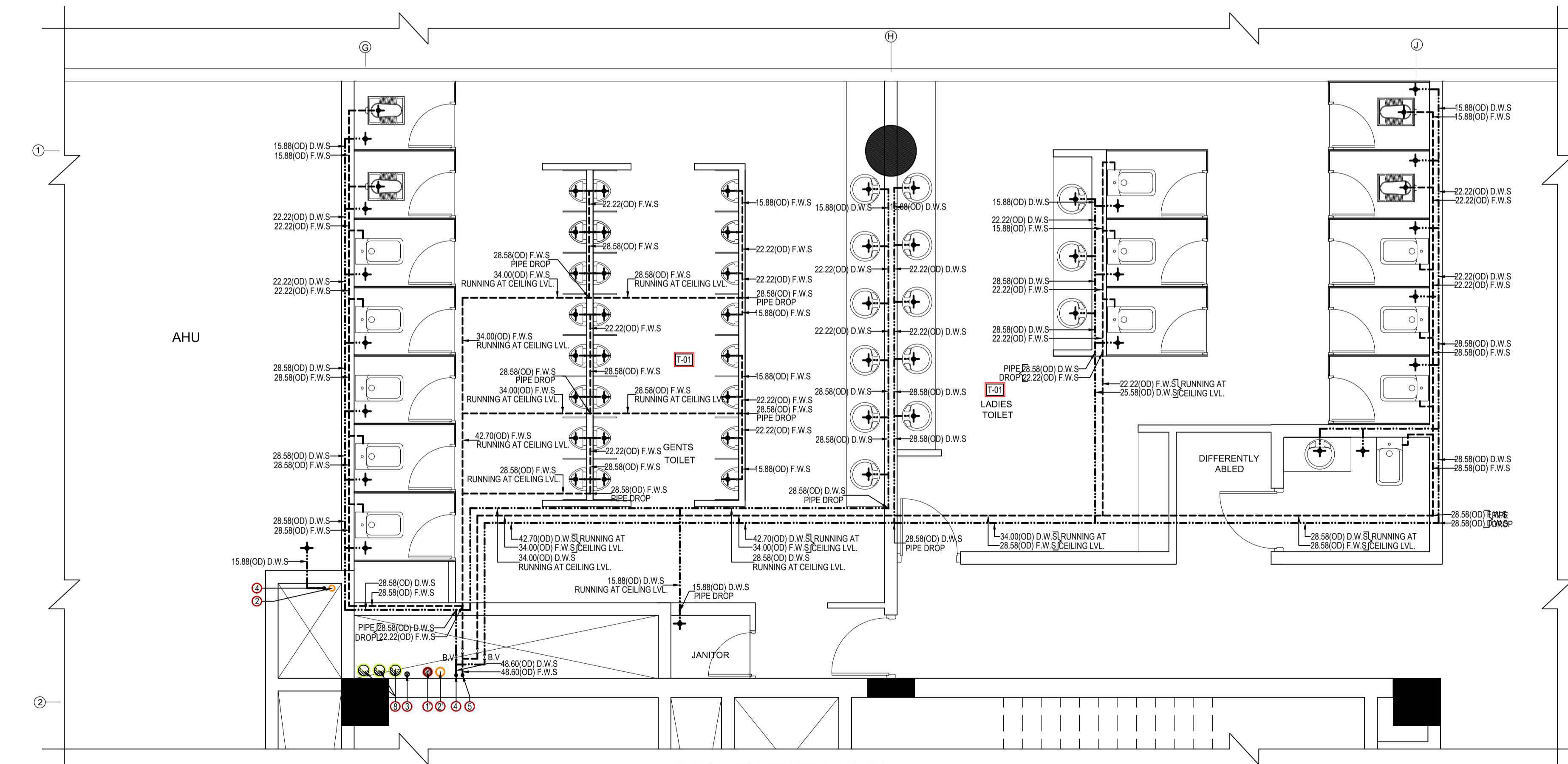


TYPICAL TOILET DETAIL NO. T-01
DRAINAGE LAYOUT PLAN
AT NINTH TO THIRD FLOOR LVL.

LEGEND FOR MEP	
☒	150x150mm CUTOUT IN SLAB FOR F.T & F.D
①	110(OD) SOIL & VENT PIPE
②	110(OD) WASTE & VENT PIPE
①	160(OD) SOIL & VENT PIPE
②	160(OD) WASTE & VENT PIPE
③	90(OD) ANTI-SYPHONIC PIPE
④	DOMESTIC WATER SUPPLY PIPE
④'	DOMESTIC WATER SUPPLY PIPE FOR UPPER TWO FLOOR
⑤	FLUSHING WATER SUPPLY PIPE
⑥	DOMESTIC WATER TANK FILING PIPE
⑦	FLUSHING WATER TANK FILING PIPE
⑧	200(OD) uPVC RAIN WATER PIPE
⑨	SOFT WATER TANK FILING PIPE

PLUMBING NOTES:-
 * WASH BASIN TO F.T 40(OD) WASTE PIPE
 * F.D TO F.T 63(OD) WASTE PIPE
 * ALL SOIL & WASTE PIPE SHALL BE POLYPROPYLENE (PP) PIPES & FITTINGS.
 * ALL RAIN WATER PIPE SHALL BE uPVC PIPES & FITTINGS.
 * ALL WATER SUPPLY PIPES SHALL BE STAINLESS STEEL-304 PIPES & FITTINGS.
 * ALL VALVE UP TO 40mm DIA SHALL BE BALL VALVE.
 * ALL VALVE UP 50mm DIA & ABOVE SHALL BE BUTTER FLY VALVE.

- 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.



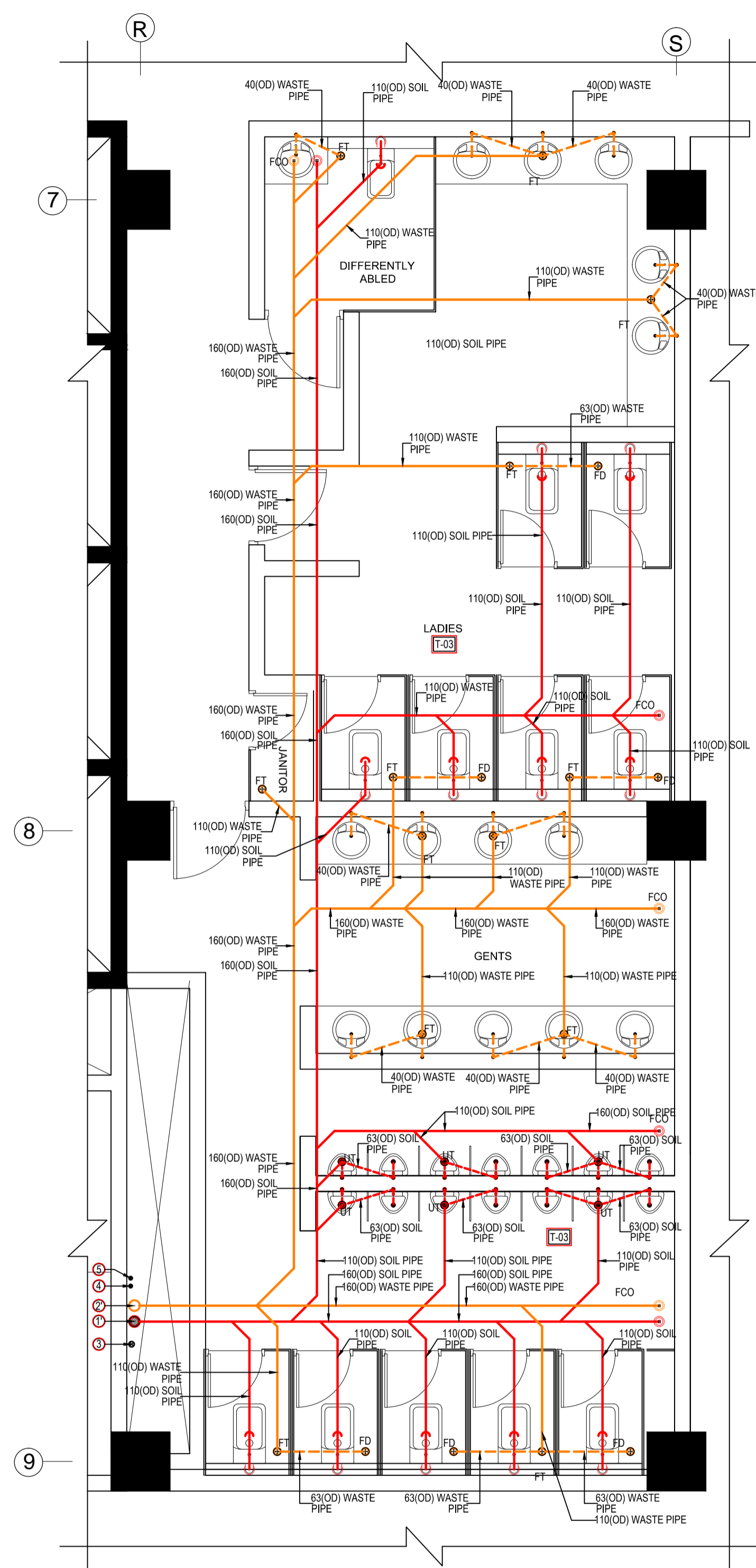
TYPICAL TOILET DETAIL NO. T-01
WATER SUPPLY LAYOUT PLAN
AT NINTH TO THIRD FLOOR LVL.

STAGE II SUBMISSION

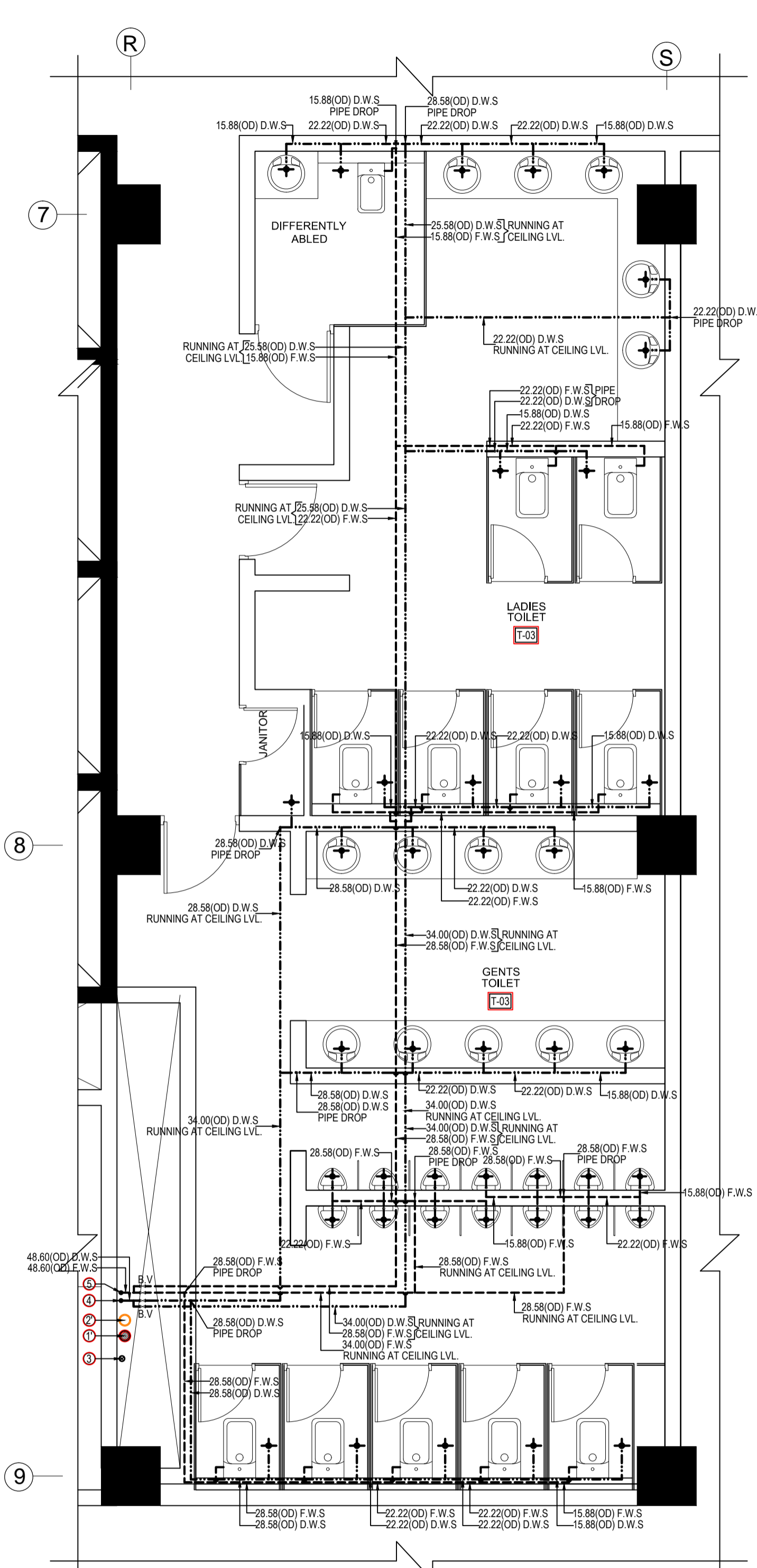
APPROVED BY: NHSRCL			
SIGNATURE:	DATE:	SIGNATURE:	DATE:
PREPARED BY: RITES LTD.			
SIGNATURE:	DATE:	SIGNATURE:	DATE:

SABARMATI HSR TERMINAL

PROJECT :	MUMBAI - AHMEDABAD HIGH SPEED RAIL PROJECT	CONSULTANT :	RITES	ARCHITECTS :	DESIGN WORKSHOP
OWNER :	NHSRCL, Asia Bhawan, 2nd Floor, Sector 9, Dwarka, Delhi - 110077		RITES Bhawan, Plot No.1, Sector 29, Gurugram - 122001		100B - C Block, Kalkaji, New Delhi - 110019
DWG TITLE :	TYPICAL TOILET DETAILS (Sheet 1 of 3)				
DWG NO :	HSR/SABARMATI/PL-TD-01				
SCALE :	1:50	REVISION:	R0		
		DATE:	15.06.2018		



TYPICAL TOILET DETAIL NO. T-03
DRAINAGE LAYOUT PLAN
AT NINTH TO THIRD FLOOR LVL.



TYPICAL TOILET DETAIL NO. T-03
WATER SUPPLY LAYOUT PLAN
AT NINTH TO THIRD FLOOR LVL.

LEGEND FOR MEP

☒	150x150mm CUTOUT IN SLAB FOR F.T & F.D
①	110(OD) SOIL & VENT PIPE
②	110(OD) WASTE & VENT PIPE
①	160(OD) SOIL & VENT PIPE
②	160(OD) WASTE & VENT PIPE
③	90(OD) ANTI-SYPHONIC PIPE
④	DOMESTIC WATER SUPPLY PIPE
④	DOMESTIC WATER SUPPLY PIPE FOR UPPER TWO FLOOR
⑤	FLUSHING WATER SUPPLY PIPE
⑥	DOMESTIC WATER TANK FILING PIPE
⑦	FLUSHING WATER TANK FILING PIPE
⑧	200(OD)uPVC RAIN WATER PIPE
⑨	SOFT WATER TANK FILING PIPE

PLUMBING NOTES:-

- * WASH BASIN TO F.T 40(OD) WASTE PIPE
- * F.D TO F.T 63(OD) WASTE PIPE
- * ALL SOIL & WASTE PIPE SHALL BE POLYPROPYLENE (PP) PIPES & FITTINGS.
- * ALL RAIN WATER PIPE SHALL BE uPVC PIPES & FITTINGS.
- * ALL WATER SUPPLY PIPES SHALL BE STAINLESS STEEL-304 PIPES & FITTINGS.
- * ALL VALVE UP TO 40mm DIA SHALL BE BALL VALVE.
- * ALL VALVE UP 50mm DIA & ABOVE SHALL BE BUTTER FLY VALVE.

- NOTES:**
1. ALL DIMENSIONS AND LEVELS ARE IN M., UNLESS OTHERWISE MENTIONED.
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STAGE II SUBMISSION

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

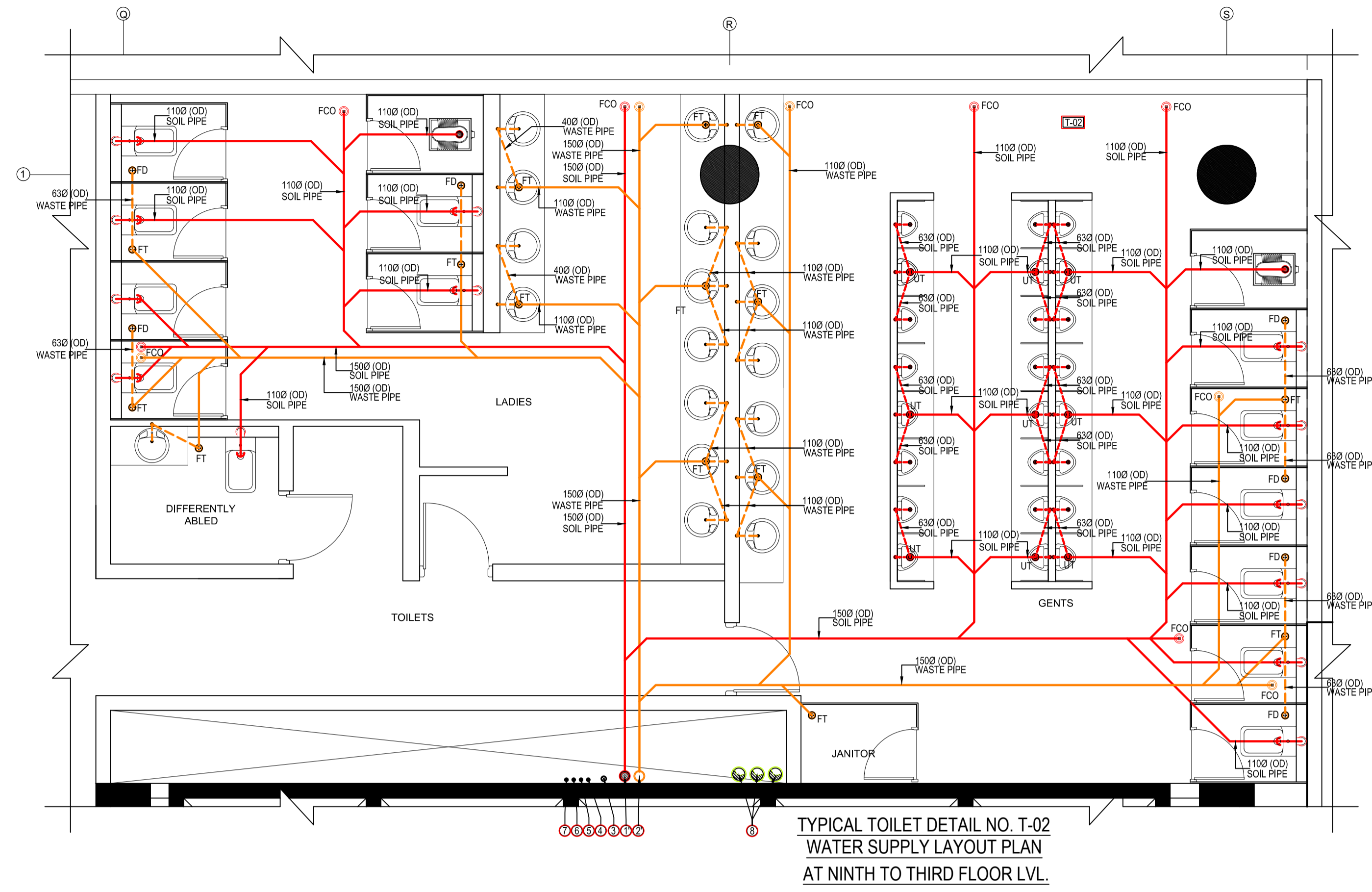
SABARMATI HSR TERMINAL

DWG TITLE : TYPICAL TOILET DETAILS (Sheet 2 of 3)	
DWG NO : HSR/SABARMATI/PL-TD-02	REVISION: R0
SCALE : 1:50	DATE: 15.06.2018

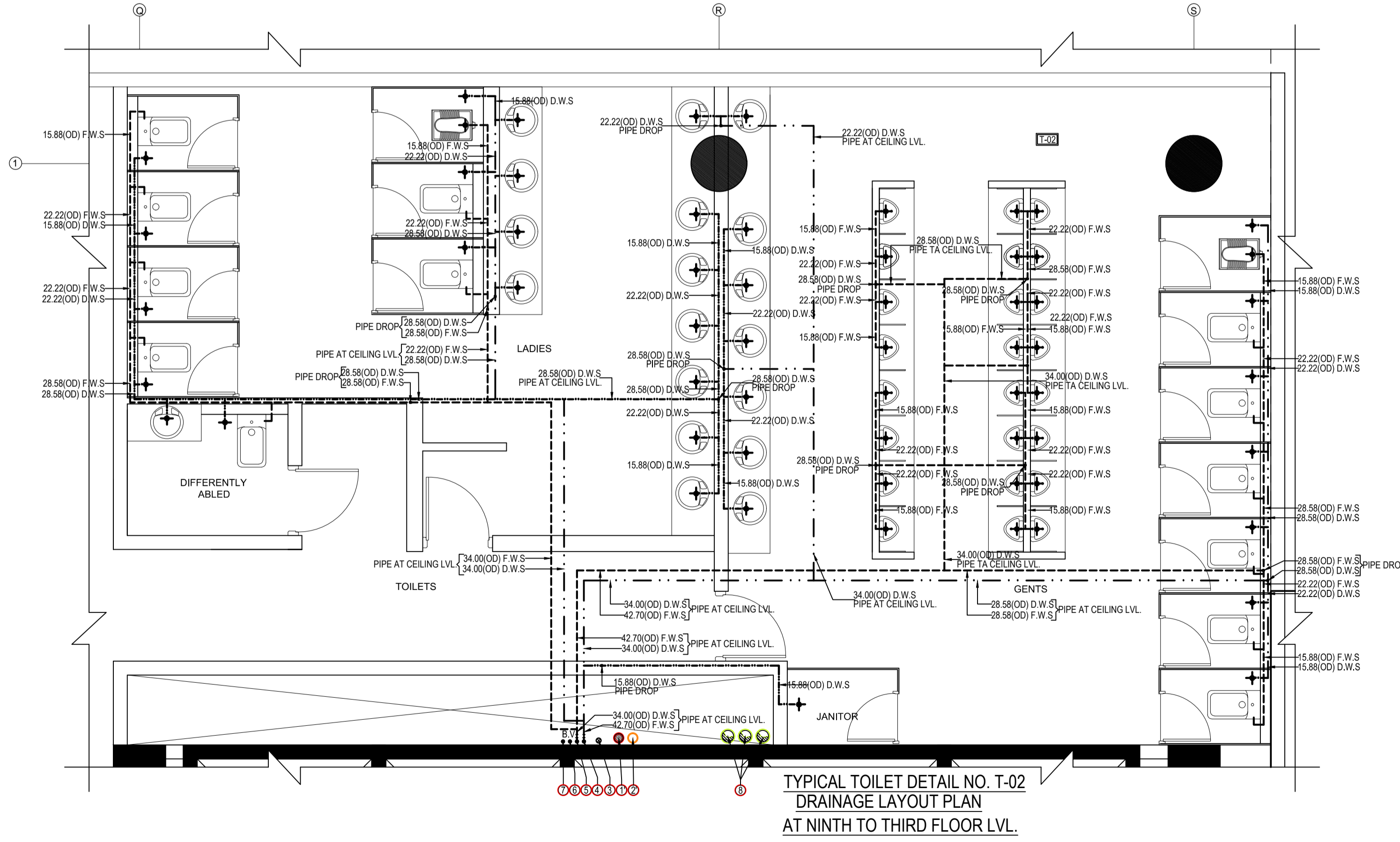
PROJECT : MUMBAI - AHMEDABAD HIGH SPEED RAIL PROJECT
 OWNER : NHSRCL, Asia Bhawan, 2nd Floor, Sector 9, Dwarka, Delhi - 110077

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

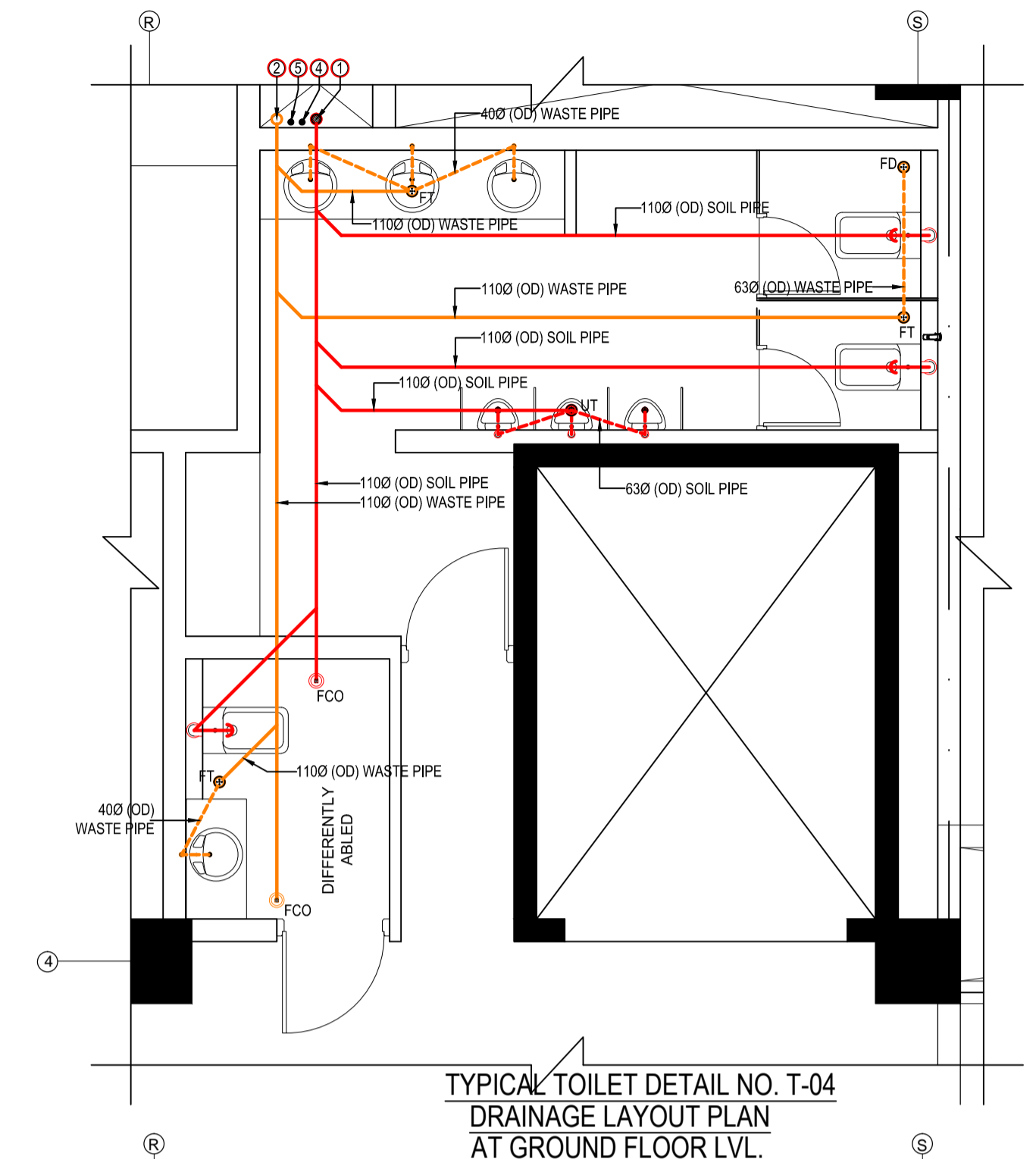
ARCHITECTS : DESIGN WORKSHOP
 100B - C Block, Kalkaji, New Delhi - 110019



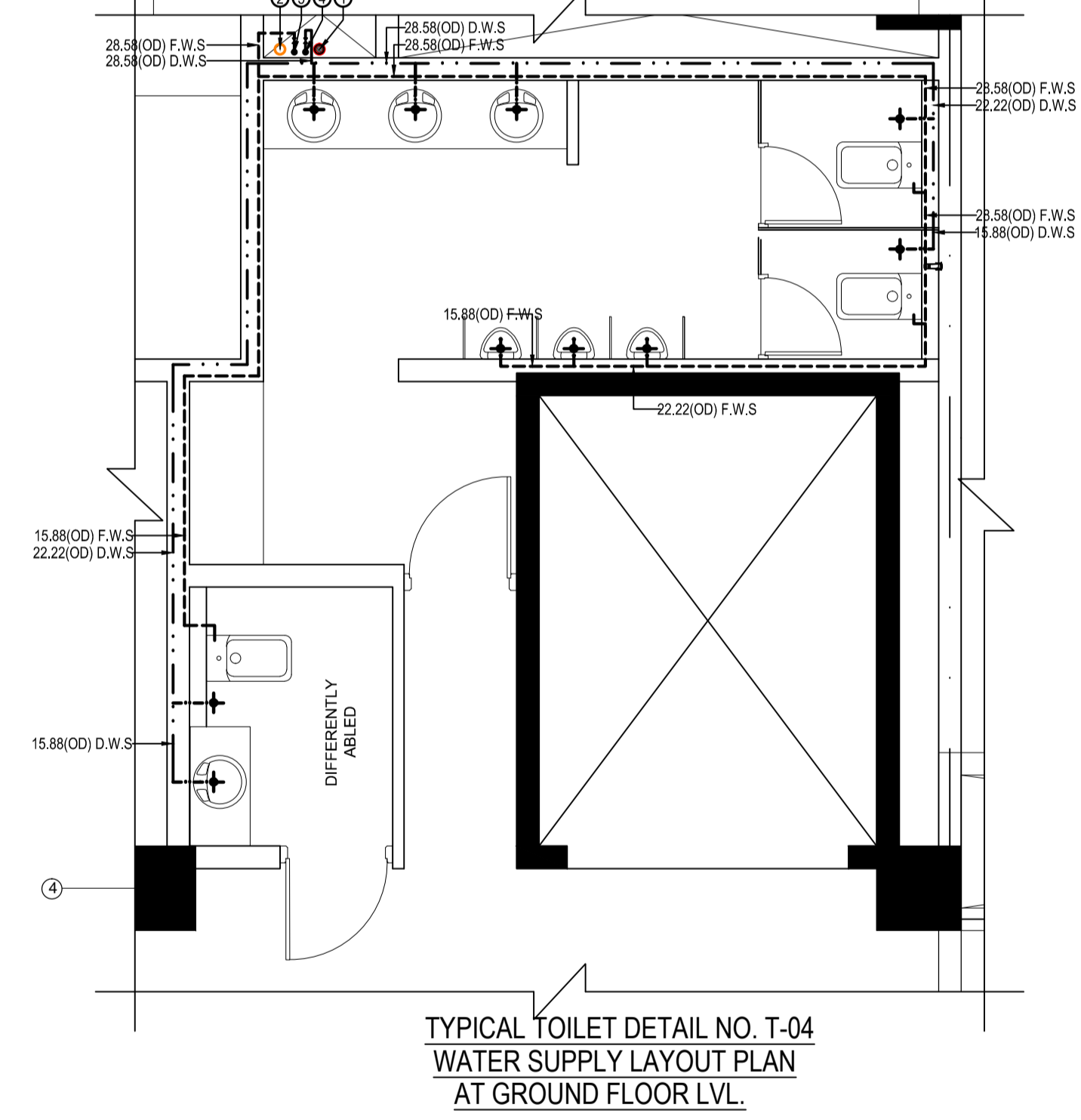
TYPICAL TOILET DETAIL NO. T-02
WATER SUPPLY LAYOUT PLAN
AT NINTH TO THIRD FLOOR LVL.



TYPICAL TOILET DETAIL NO. T-02
DRAINAGE LAYOUT PLAN
AT NINTH TO THIRD FLOOR LVL.



TYPICAL TOILET DETAIL NO. T-04
DRAINAGE LAYOUT PLAN
AT GROUND FLOOR LVL.



TYPICAL TOILET DETAIL NO. T-04
WATER SUPPLY LAYOUT PLAN
AT GROUND FLOOR LVL.

LEGEND FOR MEP

1	150x150mm CUTOUT IN SLAB FOR F.T & F.D
2	110(OD) SOIL & VENT PIPE
3	110(OD) WASTE & VENT PIPE
4	160(OD) SOIL & VENT PIPE
5	160(OD) WASTE & VENT PIPE
6	90(OD) ANTI-SYPHONIC PIPE
7	DOMESTIC WATER SUPPLY PIPE
8	DOMESTIC WATER SUPPLY PIPE FOR UPPER TWO FLOOR
9	FLUSHING WATER SUPPLY PIPE
10	DOMESTIC WATER TANK FILING PIPE
11	FLUSHING WATER TANK FILING PIPE
12	200(OD)uPVC RAIN WATER PIPE
13	SOFT WATER TANK FILING PIPE

PLUMBING NOTES:-
 * WASH BASIN TO F.T 40(OD) WASTE PIPE
 * F.D TO F.T 63(OD) WASTE PIPE
 * ALL SOIL & WASTE PIPE SHALL BE POLYPROPYLENE (PP) PIPES & FITTINGS.
 * ALL RAIN WATER PIPE SHALL BE uPVC PIPES & FITTINGS.
 * ALL WATER SUPPLY PIPES SHALL BE STAINLESS STEEL-304 PIPES & FITTINGS.
 * ALL VALVE UP TO 40mm DIA SHALL BE BALL VALVE.
 * ALL VALVE UP 50mm DIA & ABOVE SHALL BE BUTTER FLY VALVE.

- NOTES:**
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STAGE II SUBMISSION

APPROVED BY: NHSRCL			
SIGNATURE:	DATE:	SIGNATURE:	DATE:
PREPARED BY: MITES LTD.			
SIGNATURE:	DATE:	SIGNATURE:	DATE:

SABARMATI HSR TERMINAL

DWG TITLE : TYPICAL TOILET DETAILS (Sheet 3 of 3)	
DWG NO : HSR/SABARMATI/PL-TD-03	REVISION: R0
SCALE : 1:50	DATE: 15.06.2018

PROJECT : MUMBAI - AHMEDABAD HIGH SPEED RAIL PROJECT

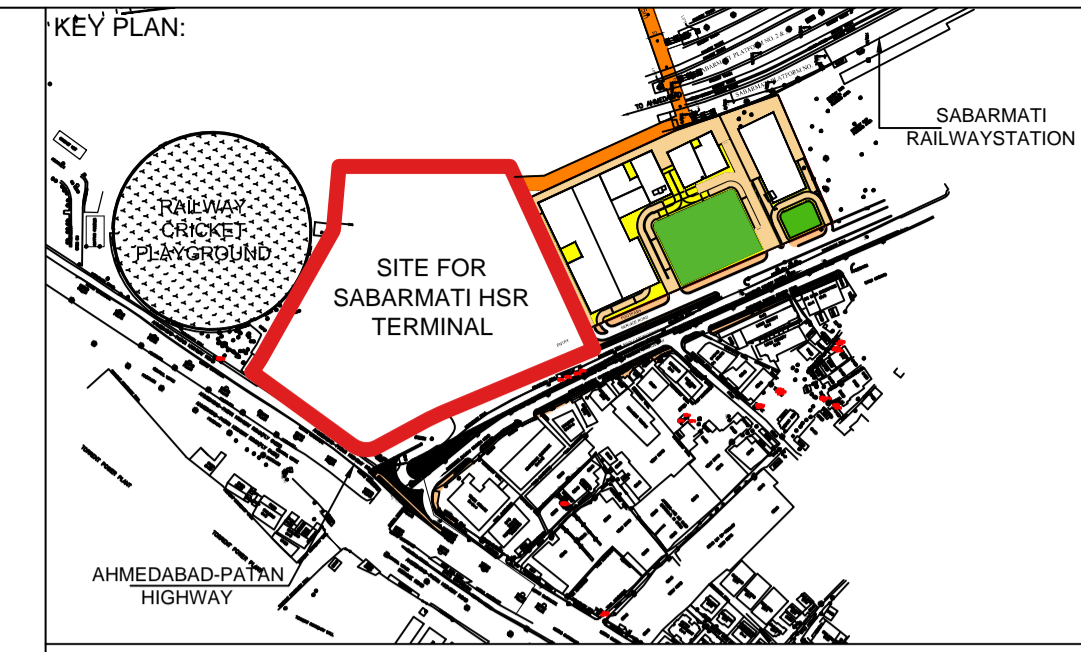
OWNER :  NHSRCL, Asia Bhawan, 2nd Floor, Sector 9, Dwarka, Delhi - 110077

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

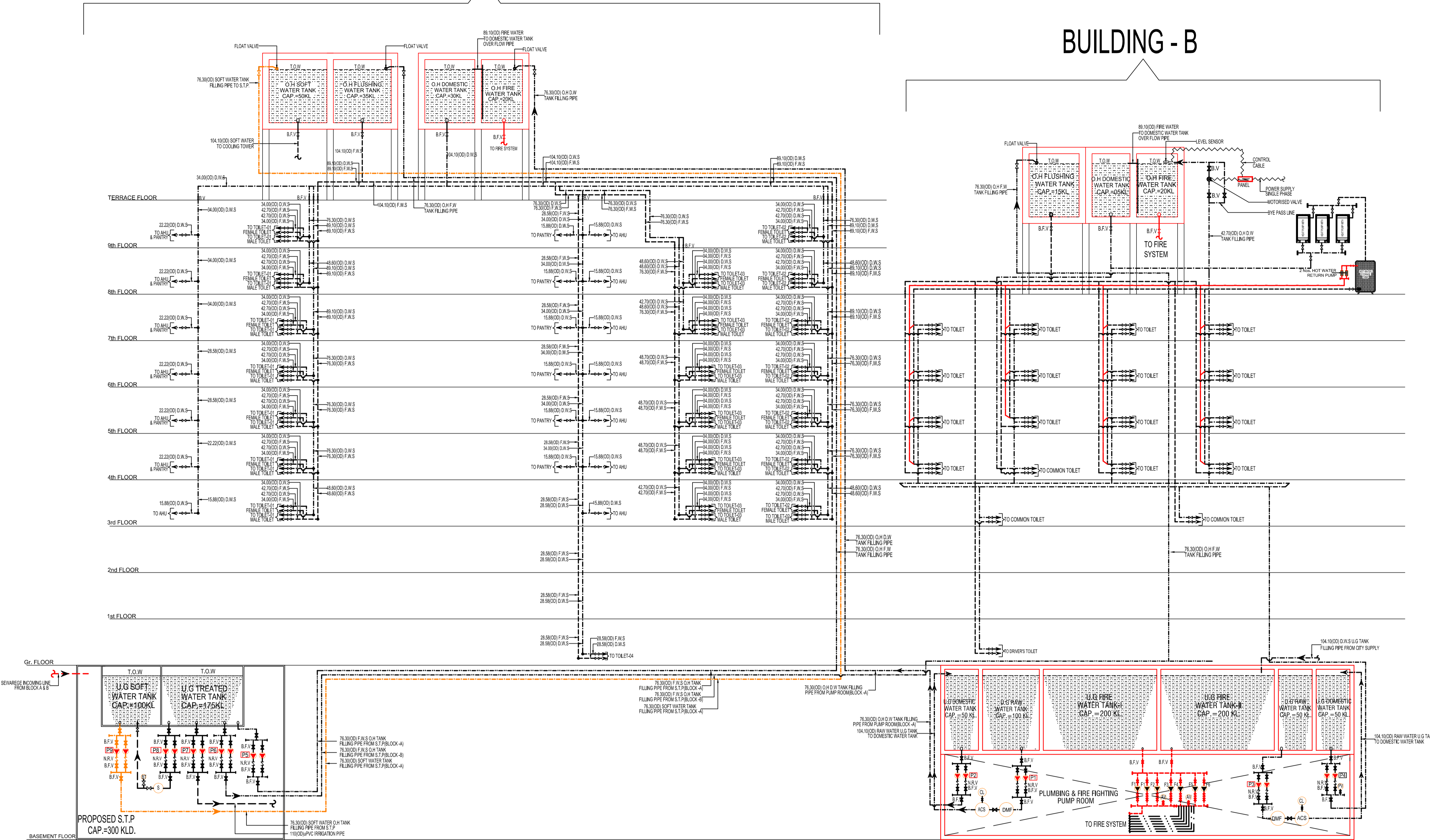
ARCHITECTS :  DESIGN WORKSHOP
 100B - C Block, Kalkaji, New Delhi - 110019

BUILDING - A

BUILDING - B



- NOTES:**
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LEGEND FOR FIRE FIGHTING EQUIPMENTS

F1	2 Nos. COMMON DIESEL MAIN PUMP
F2	ELECTRIC FIRE HYDRANT PUMP
F3	FIRE HYDRANT JOCKEY PUMP
F4	ELECTRIC SPRINKLER PUMP
F5	FIRE SPRINKLER JOCKEY PUMP
F6	ELECTRIC WATER CURTAIN PUMP
AV	AIR VESSEL

LEGEND FOR PLUMBING EQUIPMENTS COMMERCIAL SIDE

P1	DUAL MEDIA FILTER FEED PUMPS (1 WORKING + 1 STAND BY)
P2	DOMESTIC WATER TRANSFER PUMP (1 WORKING + 1 STAND BY)
DMF	DUAL MEDIA FILTER
ACF	ACTIVATED CARBON FILTER
CL	CHLORINATOR

LEGEND FOR PLUMBING EQUIPMENTS HOTEL SIDE

P3	DUAL MEDIA FILTER FEED PUMPS (1 WORKING + 1 STAND BY)
P4	HYDROPNEUMATIC SYSTEM FOR DOMESTIC WATER SUPPLY (1 WORKING + 1 STAND BY)
DMF	DUAL MEDIA FILTER
ACF	ACTIVATED CARBON FILTER
CL	CHLORINATOR
PV	PRESSURE VESSEL

LEGEND FOR PLUMBING EQUIPMENTS HOTEL SIDE

T.O.W	TOP OF WATER
B.F.V	BUTTER FLY VALVE
N.R.V	NON-RETURN VALVE
D.W.S	DOMESTIC WATER SUPPLY PIPE
F.W.S	FLUSHING WATER SUPPLY PIPE

PLUMBING NOTES:-

- * ALL WATER SUPPLY PIPES SHALL BE STAINLESS STEEL-304 PIPES & FITTINGS.
- * ALL VALVE UP TO 40mm DIA SHALL BE BALL VALVE.
- * ALL VALVE UP 50mm DIA & ABOVE SHALL BE BUTTER FLY VALVE.

STAGE II SUBMISSION

APPROVED BY: **NHSRCL**

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

PREPARED BY: **MITES LTD.**

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

SABARMATI HSR TERMINAL