CLASSIFICATION: UNCLASSIFIED

PROPOSED RESIDENCE FOR MARINES AT CHENNAI

FACILITY MANAGEMENT SERVICES
U.S. EMBASSY
NEW DELHI
INDIA

FINAL SUBMISSION FOR PERMITTING.
FACILITY MANAGEMENT SERVICES
US EMBASSY, NEW DELHI
JULY 2019

S.No	Drawing No.	Description
1	A-0	GENERAL NOTES
2	A-01	EXISTING SITE PLAN
3	A-02	SITE DEMOLITION PLAN
4	A-03 (a)	EXISTING FIRST FLOOR PLAN
5	A-03 (b)	PROPOSED FIRST FLOOR PLAN
6	A-03 (c)	PROPOSED FIRST FLOOR PLAN-TELECOMMUNICATION
7	A-04 (a)	EXISTING SECOND FLOOR PLAN
8	A-04 (b)	PROPOSED SECOND FLOOR PLAN
9	A-05 (a)	EXISTING THIRD FLOOR PLAN
10	A-05 (b)	PROPOSED THIRD FLOOR PLAN
11	A-06 (a)	EXISTING ROOF FLOOR PLAN
12	A-06 (b)	PROPOSED ROOF FLOOR PLAN
13	A-07	PROPOSED SLIDING GATE DRAWING
14	A-08	PROPOSED LADDER ON ROOF
15	A-08 (a)	CONEPTUAL LAYOUT PLAN FOR PROPOSED METAL LADDER

GENERAL NOTES

1. It is a three story house.
2. Contractor has to get an advance approval on design of all the alarm systems (fire detection and house alarm system) to be installed in the house before proceeding with the procurement and execution.
3. All the designs are to be done by certified engineer and final design shall be stamped and signed by the designer / design company before submitting for review to USG.
4. Contractor has to coordinate design drawings with SOW and BOQ. Any ambiguity shall be informed to COR immediately.
5. All the systems are to be designed as per current International Building Code.
6. Any work done without prior written consent or approval from COR shall be at contractors own cost.
7. All the dimensions shown in the drawings are in feet inches.
8. Contractors are liable to verify the dimensions and extent of work specified in the SOW with the actual site during contractors walk through.
9. Each bedroom on second and third floor have windows in compliance with 5 sq.ft of opening.
10. Existing width of the staircase steps is 39".
11. Entire stair case to be one hour fire rated - from first floor to roof.
12. All the wooden doors opening in the staircase are to be new UL rated fire doors.
13. Swing of all the wooden doors opening in staircase to be in the direction of egress.
14. All existing bedroom doors to be replaced with UL rated / certified one hour fire rated doors.
15. Existing elevator is a dumb elevator. It is proposed to cut of the power supply to this equipment completely and isolate it from other parts of the building.
16. Penetrations and demolition required for new work shall not reduce the capacity, serviceability, or performance of structural elements. Reinforcing bars, piping, conduits, etc. shall be located prior to any drilling through structural elements. All components shall be clearly marked on the prior to drilling, coring, etc. The contractor shall not cut reinforcing bars without prior authorization from the COR and shall immediately repair any damage caused by penetrations. Where reinforcing bars are to be cut or are damaged, the contractor shall submit structural calculations for review and approval by the COR prior to proceeding with any such work.

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NEW DELHI
INDIA

GENERAL NOTES

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- FOR ANY AMBIGUITY IN DIMENSIONS PLEASE CONTACT THE RESPECTIVE OFFICE

Drawing Title
GENERAL NOTES

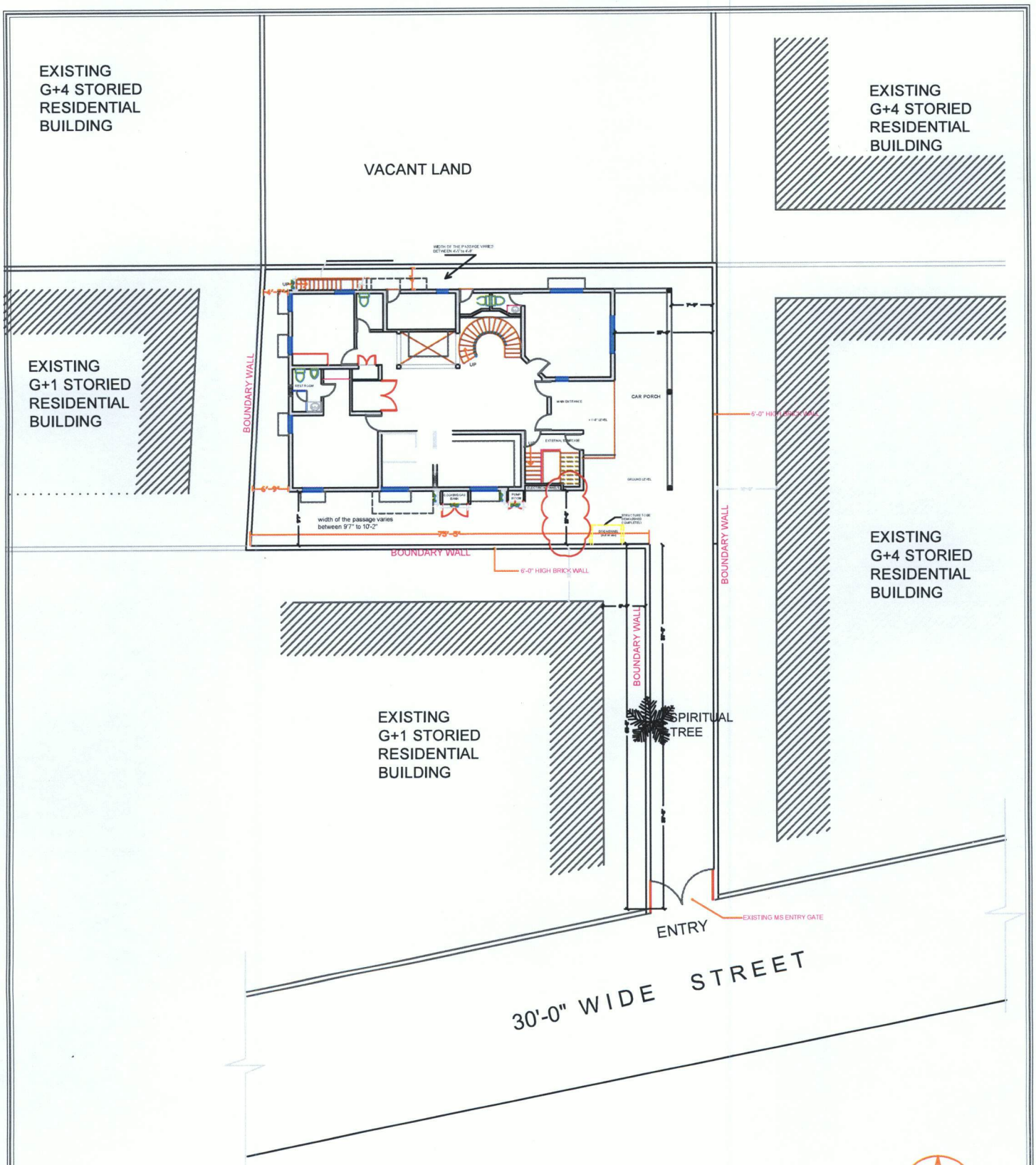
CLASSIFICATION: UNCLASSIFIED

Project Title
PROPOSED MSGQ AT 6A- 38 NORTH CRESCENT ROAD CHENNAI, INDIA.

Date
May 2019 July 2019 Nov. 2019

BY ROHIT SONI

DWG. NO.
A-0



SITE PLAN OF 6A- 38 NORTH CRESCENT ROAD

NOT TO SCALE

PLAN NORTH

FACILITY MANAGEMENT SERVICES
U.S. EMBASSY
NEW DELHI
INDIA

GENERAL NOTES

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Drawing Title
SITE DEMOLITION PLAN

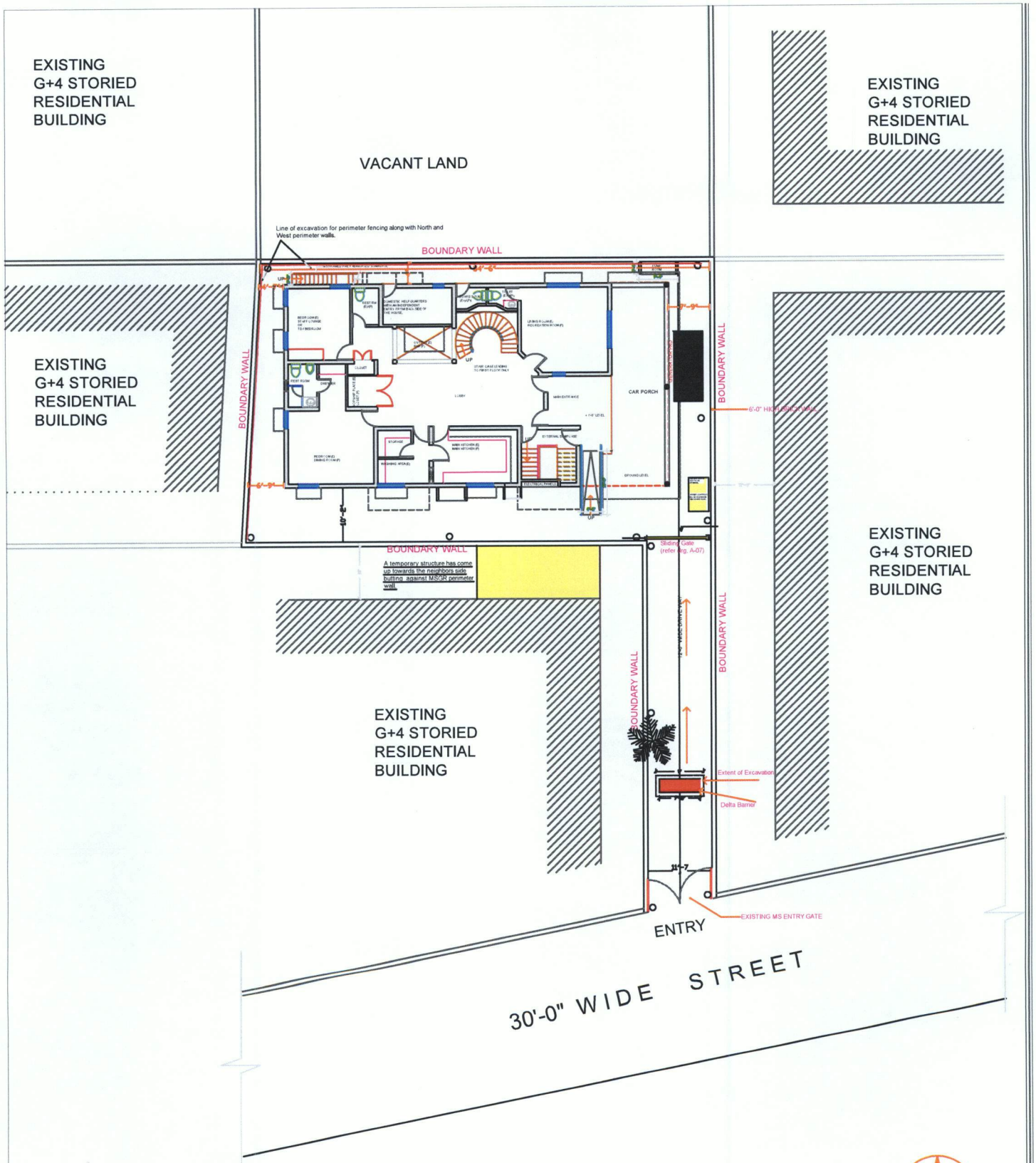
CLASSIFICATION: UNCLASSIFIED

Project Title
PROPOSED MSGQ AT 6A- 38 NORTH CRESCENT ROAD CHENNAI, INDIA.

Date September 2019

DESIGN PACKAGE PREPARED BY ROHIT SONI

DWG. NO. A-01



SITE PLAN OF 6A- 38 NORTH CRESCENT ROAD

NOT TO SCALE

PLAN NORTH

○ Building Light Poles.

FACILITY MANAGEMENT SERVICES
U.S. EMBASSY
NEW DELHI
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Drawing Title
EXTERIOR PROPOSED PLAN

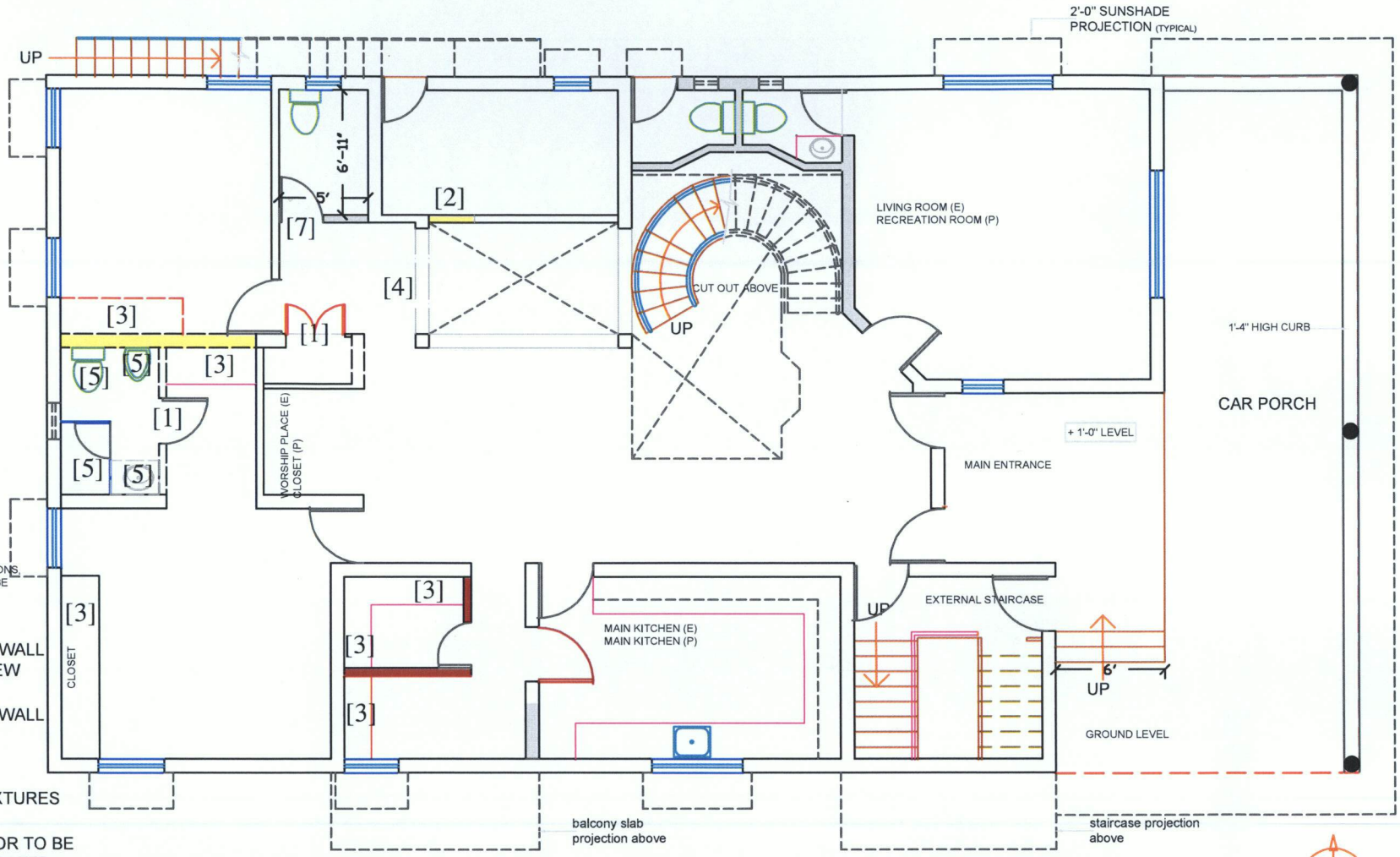
CLASSIFICATION: SBU

Project Title
PROPOSED MSGQ AT 6A- 38 NORTH CRESCENT ROAD CHENNAI, INDIA.

Date September 2019

DESIGN PACKAGE PREPARED BY ROHIT SONI

DWG. NO. A-02



KEY

[1] EXISTING PARTITIONS, DOORS, FRAMES BE REMOVED / DEMOLISHED.

[2] REMOVE PORTION OF WALL TO ACCOMMODATE NEW DOORWAY.

[3] REMOVE MILLWORK & WALL

[4] REMOVE CURB

[5] REMOVE PLUMBING FIXTURES

[6] REMOVE EXISTING DOOR TO BE REPLACED WITH FIRE RATED DOOR.

[7] TO REVERSE THE SWING OF THE DOOR.

FIRST FLOOR PLAN

SCALE: 1"=8'

PLAN NORTH

FACILITY MANAGEMENT SERVICES
U.S. EMBASSY
NEW DELHI
INDIA

GENERAL NOTES

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- FOR ANY AMBIGUITY IN DIMENSIONS PLEASE CONTACT COR

Drawing Title
FIRST FLOOR DEMOLITION PLAN

CLASSIFICATION: UNCLASSIFIED

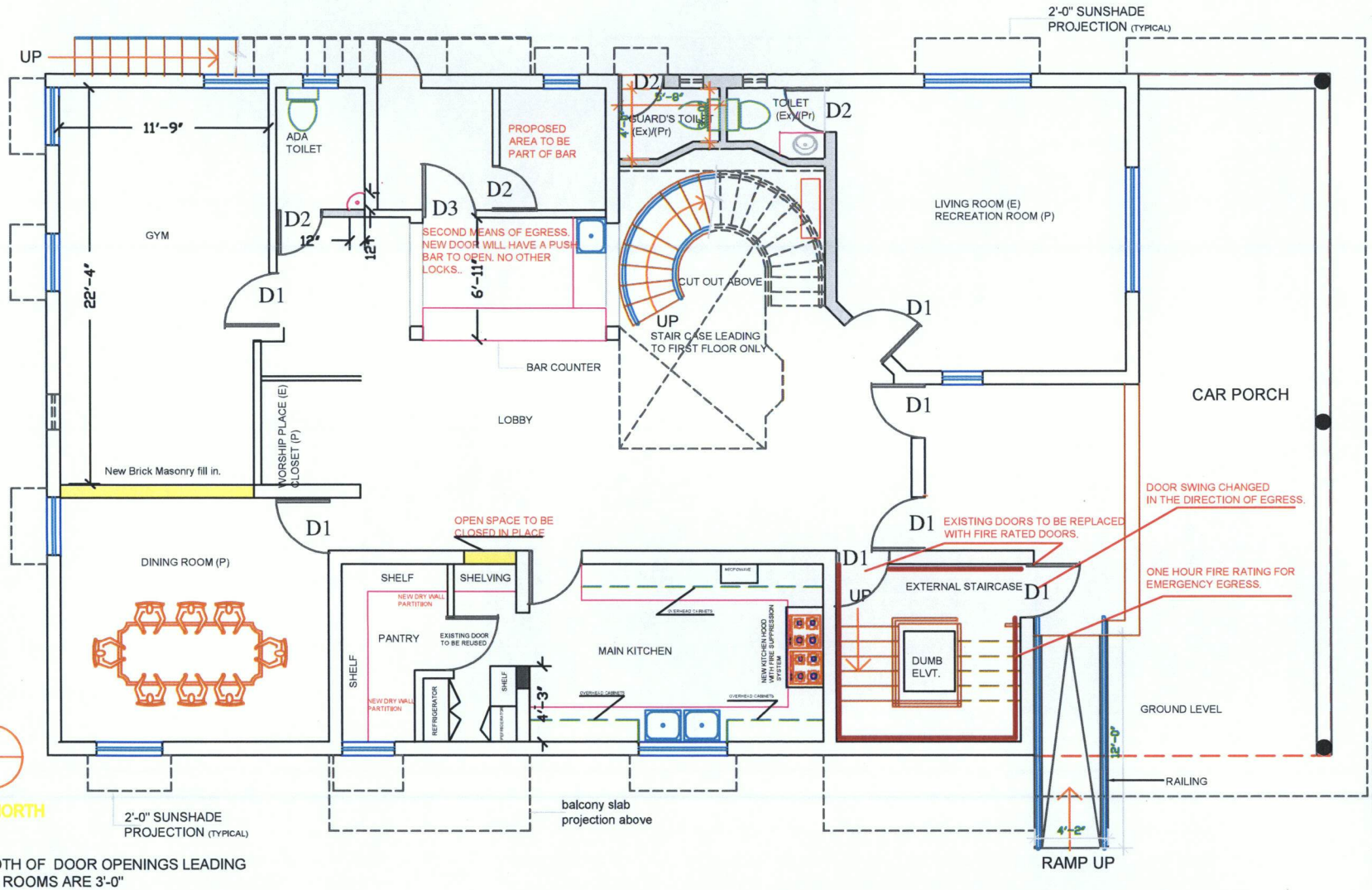
Project Title
PROPOSED MSGQ AT 6A- 38 NORTH CRESCENT ROAD CHENNAI, INDIA.

SCALE: 1"=8'

Date May 2019

DWG. NO. A-03 (a)

DESIGN PACKAGE PREPARED BY – ROHIT SONI



NOTE:

- WIDTH OF DOOR OPENINGS LEADING TO ROOMS ARE 3'-0"
- WIDTH OF DOOR OPENINGS LEADING TO REST ROOMS ARE 2'-6"

Door	Size	Location
D1	3' X 7'	EXISTING DOORS IN THE HOUSE. BED ROOM DOORS TO BE MODIFIED TO RECEIVE LAMINATE IN ORDER TO MAKE THE DOORS FIRE PROOF / RESISTANT FOR ONE HOUR.
D2	3' X 7'	PROPOSED ONE HOUR FIRE RATED DOORS AT LOCATIONS SHOWN IN THE DRAWING. SPECIFICATIONS ARE MENTIONED IN SOW FOR REFERENCE.
D3	2'-6" X 7'	EXISTING TOILET DOORS.
		ALL BEDROOM DOORS TO HAVE EYE VIEWER AT 5'-0" HEIGHT AND YALE LOCK. LOCK AND EYE VIEWER WILL BE GFM.

FACILITY MANAGEMENT SERVICES
U.S. EMBASSY
NEW DELHI
INDIA

GENERAL NOTES

- All measurements to be checked at site by the contractor.
- Do not scale the drawing.
- All measurements are in feet and inches.
- For any ambiguity in dimensions please contact COR.

Drawing Title

FIRST FLOOR PROPOSED PLAN

CLASSIFICATION: UNCLASSIFIED

Project Title

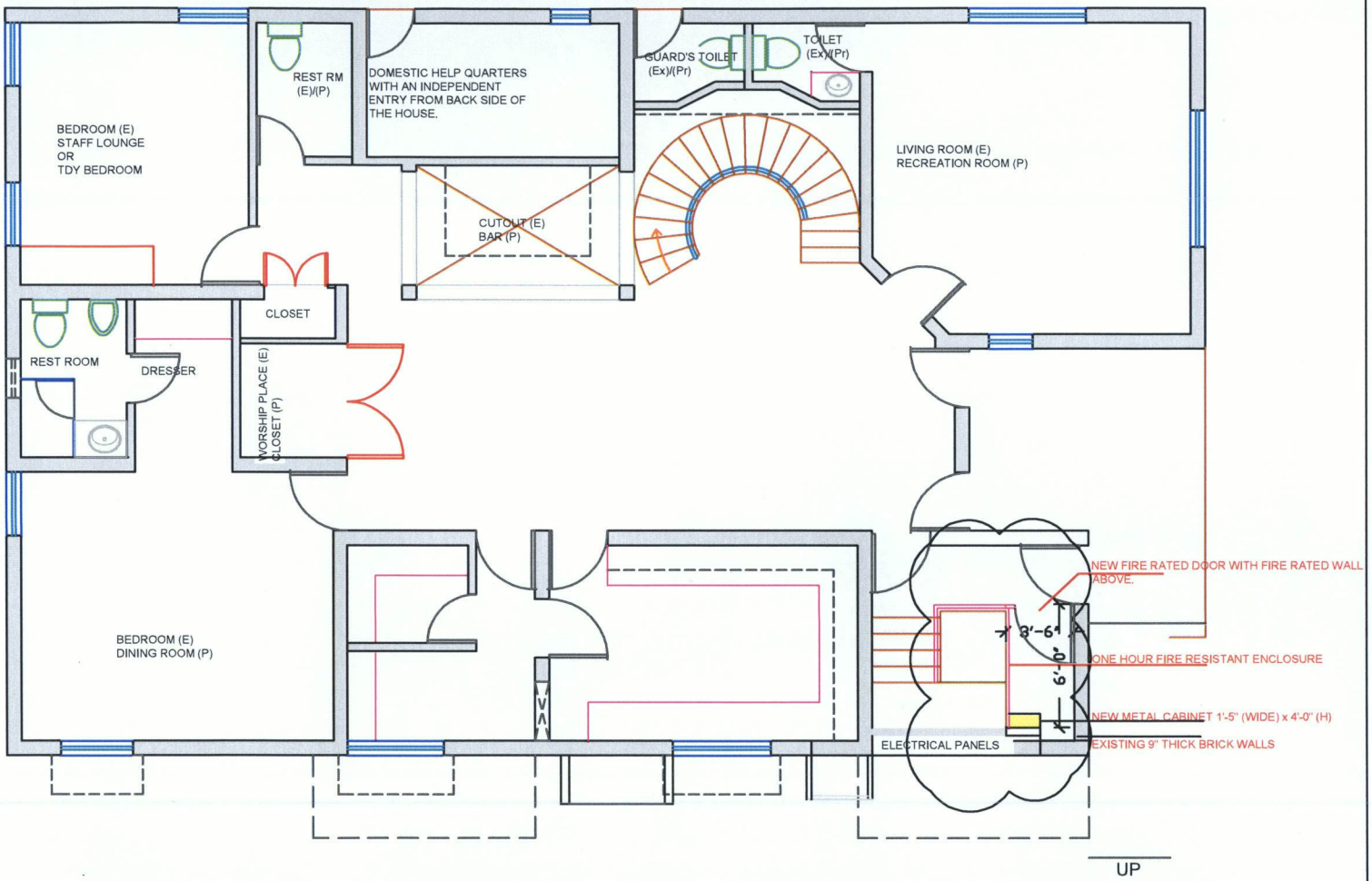
PROPOSED MSGQ AT 6A- 38 NORTH CRESCENT ROAD CHENNAI, INDIA.

SCALE: 1"=8'

Date September 2019

DWG. NO. A-03 (b)

DESIGN PACKAGE PREPARED BY - ROHIT SONI



FACILITY MANAGEMENT SERVICES
U.S. EMBASSY
NEW DELHI
INDIA

GENERAL NOTES

- All measurements to be checked at site by the contractor.
- Do not scale the drawing.
- All measurements are in feet and inches.
- For any ambiguity in dimensions please contact COR.

Drawing Title

FIRST FLOOR PROPOSED PLAN - TELECOMMUNICATION

CLASSIFICATION: UNCLASSIFIED

Project Title

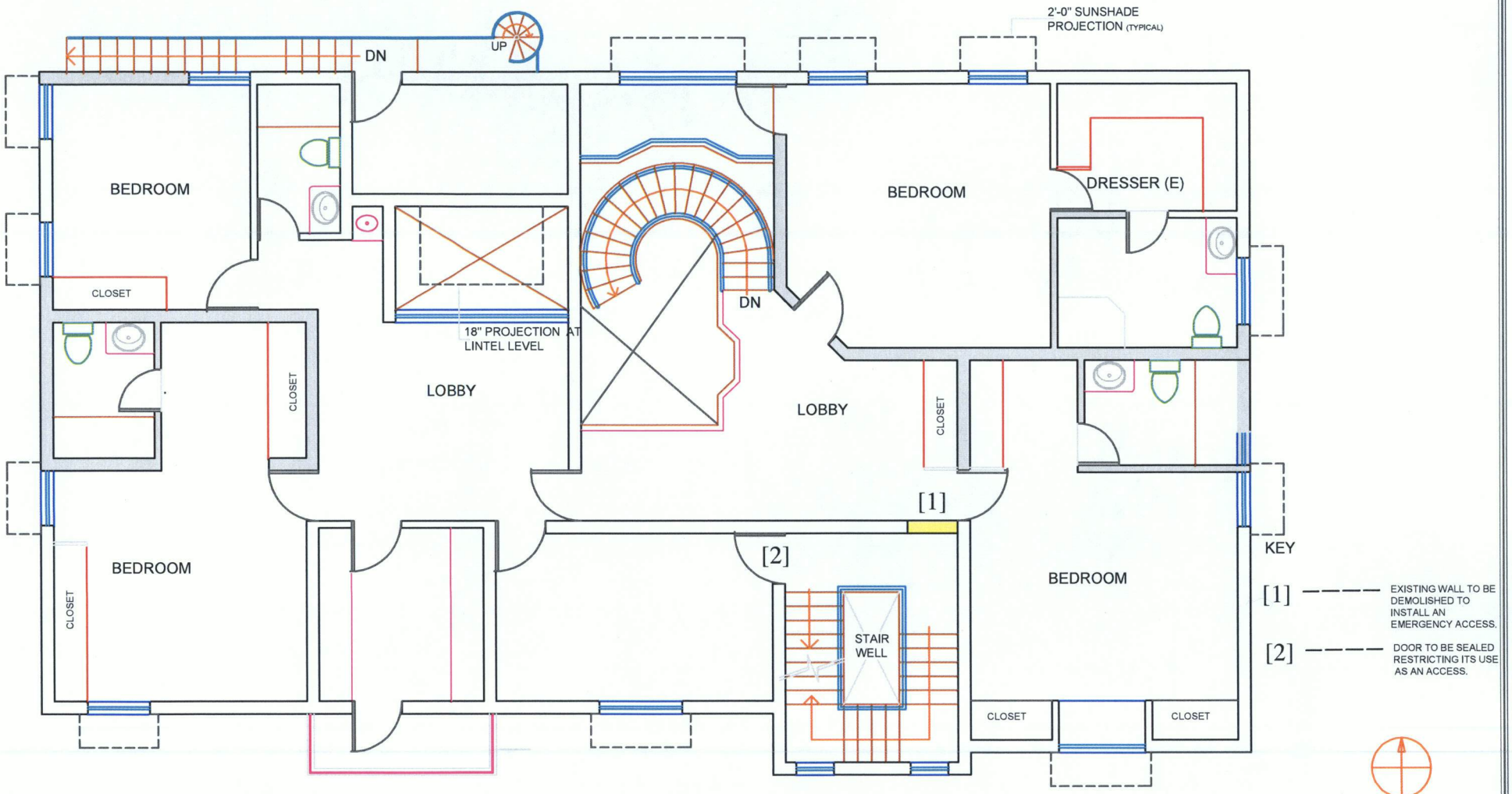
PROPOSED MSGQ AT 6A- 38 NORTH CRESCENT ROAD CHENNAI, INDIA.

SCALE: 1"=8'

Date
Sep 2019

DWG. NO.
A-03 (c)

DESIGN PACKAGE PREPARED BY - ROHIT SONI



SECOND FLOOR PLAN
SCALE: 1"=8'

FACILITY MANAGEMENT SERVICES
U.S. EMBASSY
NEW DELHI
INDIA

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Drawing Title
SECOND FLOOR DEMOLITION PLAN

CLASSIFICATION: UNCLASSIFIED

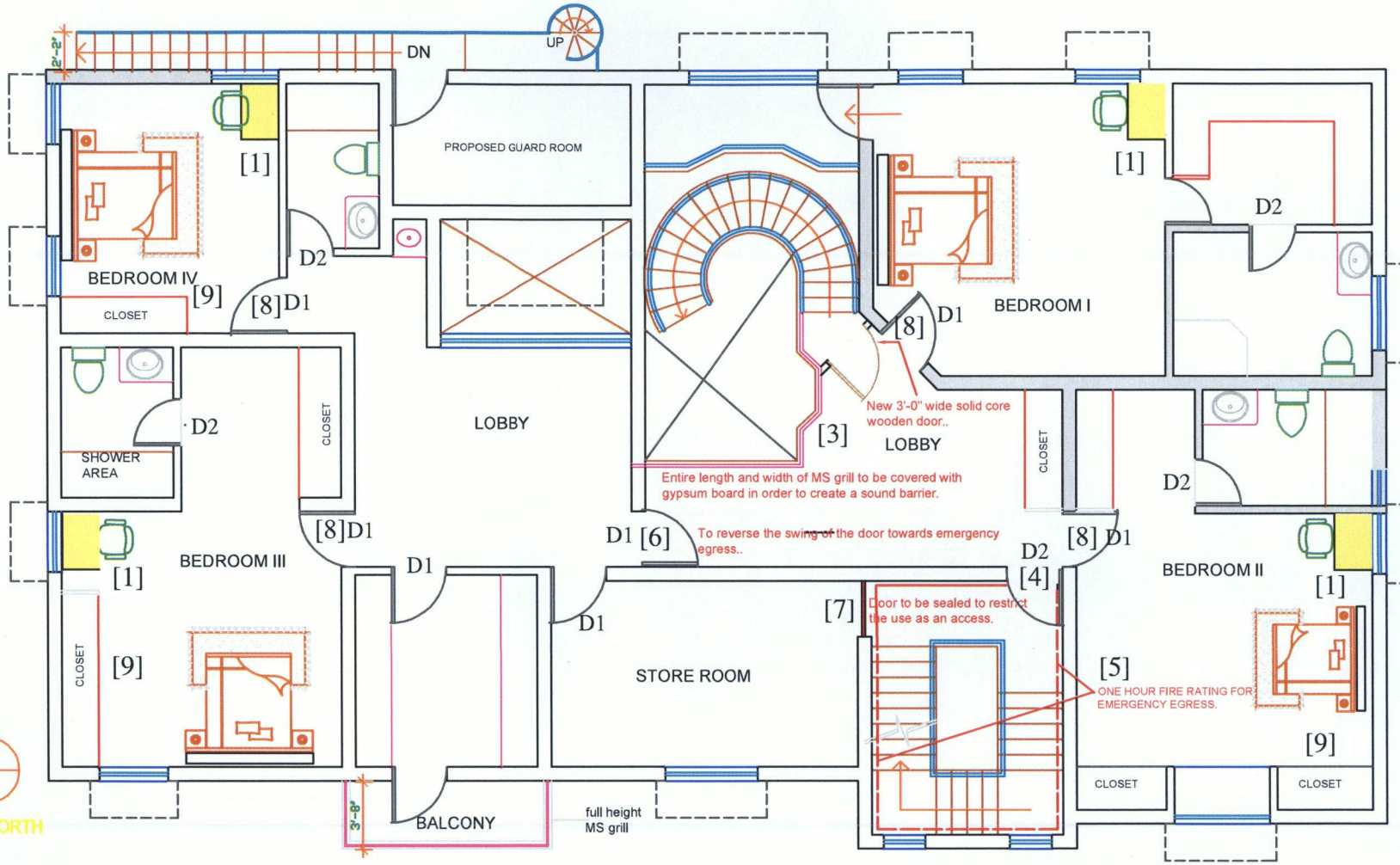
Project Title
PROPOSED MSGQ AT 6A- 38 NORTH CRESCENT ROAD CHENNAI, INDIA.

SCALE: 1"=8'

Date September 2019

DWG. NO. A-04 (a)

DESIGN PACKAGE PREPARED BY - ROHIT SONI



KEY

[1] PROPOSED TABLE AND CHAIR IN BEDROOM. GFGI

[2] ENTIRE STAIR CASE TO BE ONE HOUR FIRE RATED.

[3] ERECTION OF DRY WALL PARTITION TO MAKE A NOISE BARRIER AND COVER DECORATIVE METAL RAILING.

[4] FIRE RATED DOOR AT NEWLY CREATED SPACE IN THE WALL.

[5] FIRE RATED DOOR AT NEWLY CREATED SPACE IN THE WALL.

[6] SWING OF THE EXISTING DOOR TO BE REVERSED TOWARDS EMERGENCY EGRESS.

[7] EXISTING DOOR TO SEALED PERMANENTLY TO RESTRICT THE MOVEMENT THROUGH IT.

[8] EXISTING DOORS TO BE MODIFIED TO RECEIVE LAMINATE IN ORDER TO MAKE THE DOORS FIRE PROOF / RESISTANT FOR ONE HOUR.

[9] MAKE SHARE THERE IS 18" OF CLEAR SPACE IN FRONT OF CLOSETS.

Door	Size	Location
D1	3' X 7'	EXISTING DOORS IN THE HOUSE. BED ROOM DOORS TO BE MODIFIED TO RECEIVE LAMINATE IN ORDER TO MAKE THE DOORS FIRE PROOF / RESISTANT FOR ONE HOUR.
D2	3' X 7'	PROPOSED ONE HOUR FIRE RATED DOORS AT LOCATIONS SHOWN IN THE DRAWING. SPECIFICATIONS ARE MENTIONED IN SOW FOR REFERENCE.
D3	2'-6" X 7'	EXISTING TOILET DOORS.
		ALL BEDROOM DOORS TO HAVE EYE VIEWER AT 5'-0" HEIGHT AND YALE LOCK, LOCK AND EYE VIEWER WILL BE GFM.

NOTE:

- WIDTH OF DOOR OPENINGS LEADING TO ROOMS ARE 3'-0"
- WIDTH OF DOOR OPENINGS LEADING TO REST ROOMS ARE 2'-6"

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Drawing Title

SECOND FLOOR PROPOSED PLAN

CLASSIFICATION: UNCLASSIFIED

Project Title

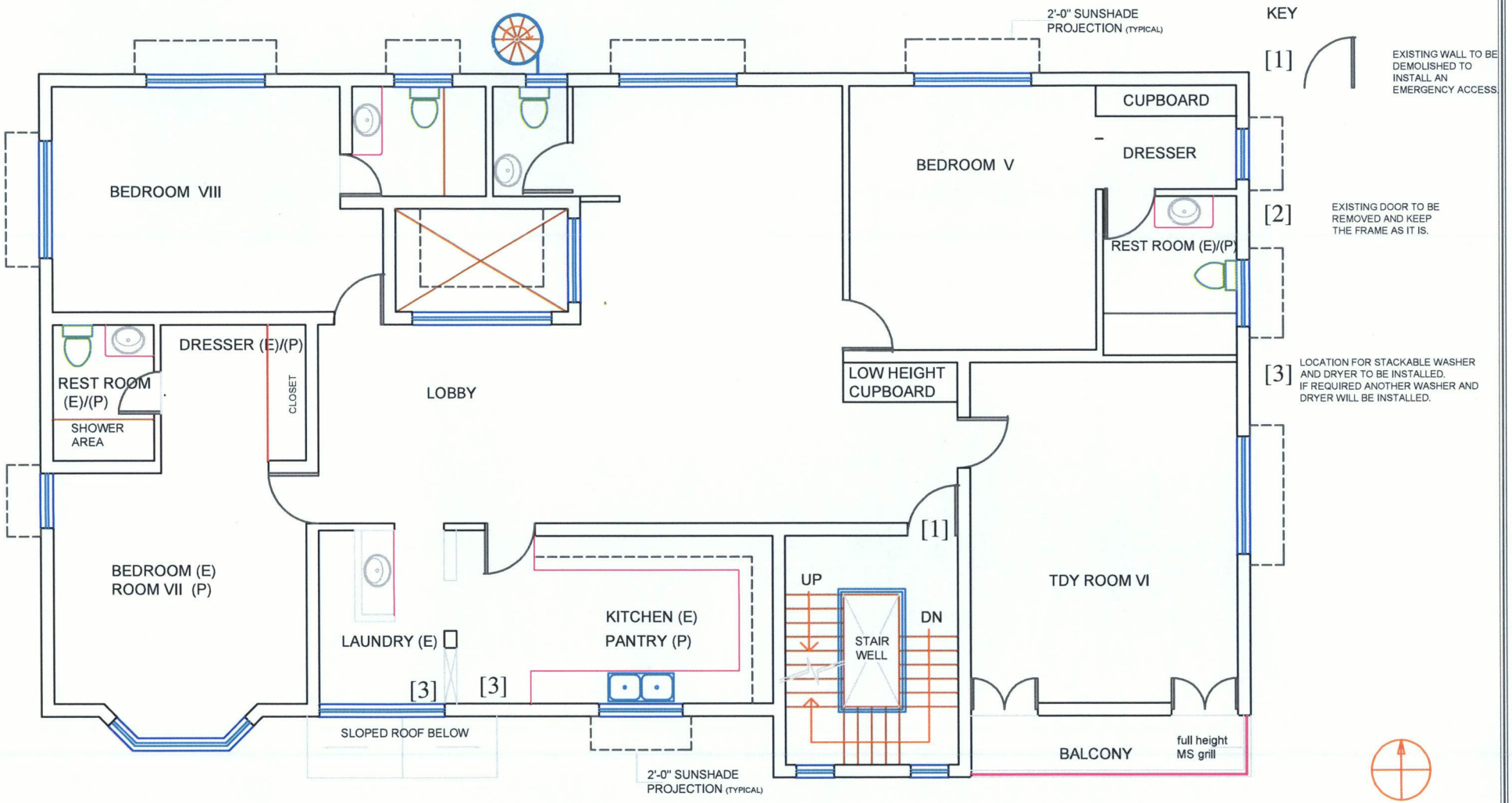
PROPOSED MSGQ AT 6A- 38 NORTH CRESCENT ROAD CHENNAI, INDIA.

SCALE: 1"=8'

Date September 2019

DWG. NO. A-04 (b)

DESIGN PACKAGE PREPARED BY - ROHIT SONI



THIRD FLOOR PLAN

SCALE: 1"=8'

FACILITY MANAGEMENT SERVICES
U.S. EMBASSY
NEW DELHI
INDIA

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Drawing Title

THIRD FLOOR DEMOLITION PLAN

CLASSIFICATION: UNCLASSIFIED

Project Title

PROPOSED MSGQ AT 6A- 38 NORTH CRESCENT ROAD CHENNAI, INDIA.

SCALE: 1"=8'

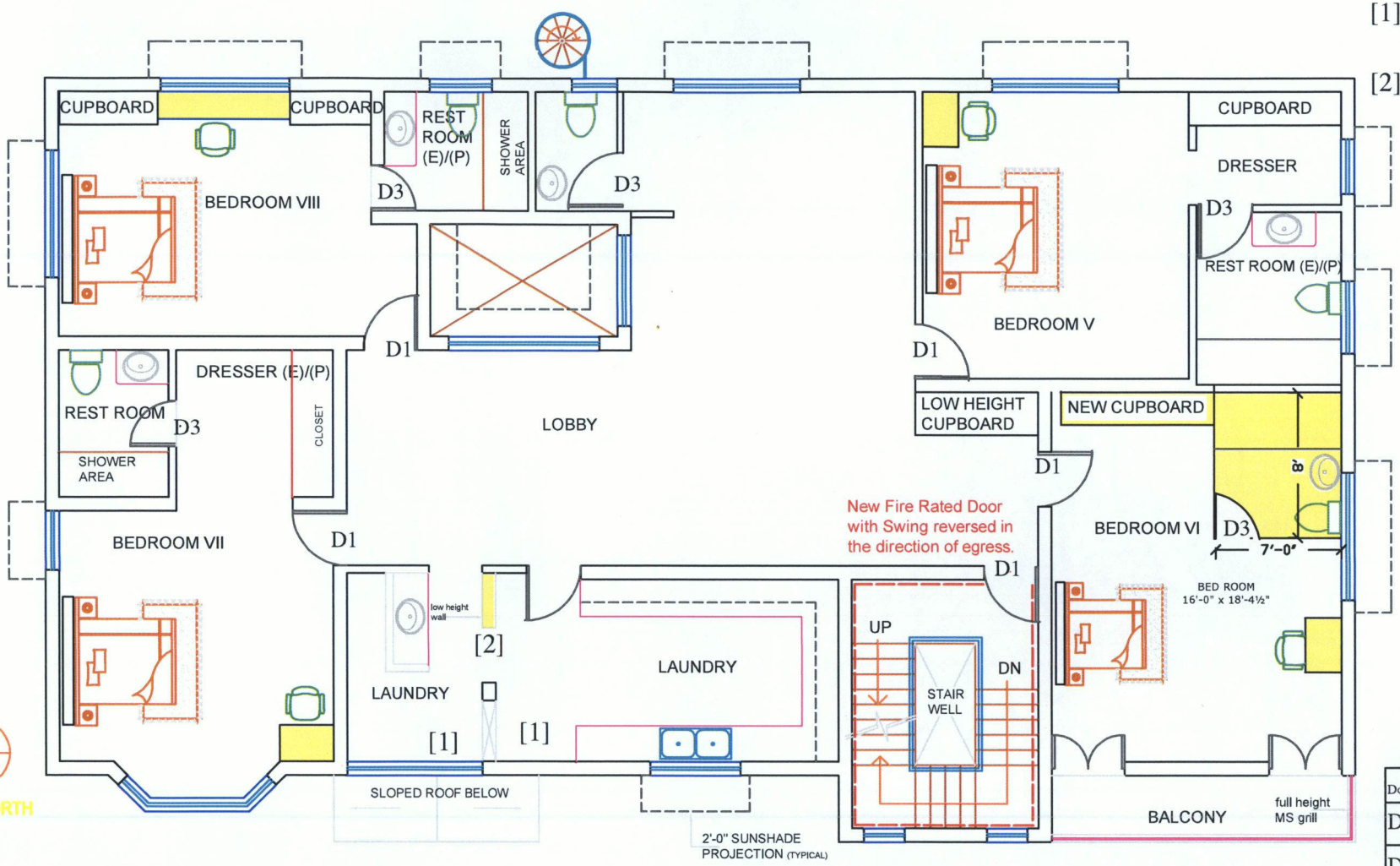
Date September 2019

DWG. NO. A-05 (a)

DESIGN PACKAGE PREPARED BY - ROHIT SONI

[1] LOCATION FOR STACKABLE WASHER AND DRYER TO BE INSTALLED. IF REQUIRED ANOTHER WASHER AND DRYER WILL BE INSTALLED.

[2] DEMOLISH THE WALL AND REPAIR THE SIDE WALL MATCHING TO EXISTING.



NOTE:

- WIDTH OF DOOR OPENINGS LEADING TO ROOMS ARE 3'-0"
- WIDTH OF DOOR OPENINGS LEADING TO REST ROOMS ARE 2'-6"

LEGEND:

(E) - EXISTING
(P) - PROPOSED

THIRD FLOOR PLAN

SCALE: 1"=8'

Door	Size	Location
D1	3' X 7'	EXISTING DOORS IN THE HOUSE. BED ROOM DOORS TO BE MODIFIED TO RECEIVE LAMINATE IN ORDER TO MAKE THE DOORS FIRE PROOF/ RESISTANT FOR ONE HOUR.
D2	3' X 7'	PROPOSED ONE HOUR FIRE RATED DOORS AT LOCATIONS SHOWN IN THE DRAWING. SPECIFICATIONS ARE MENTIONED IN SOW FOR REFERENCE.
D3	2'-6" X 7'	EXISTING TOILET DOORS.
		ALL BEDROOM DOORS TO HAVE EYE VIEWER AT 5-0" HEIGHT AND YALE LOCK. LOCK AND EYE VIEWER WILL BE GFM.

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NEW DELHI
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Drawing Title
THIRD FLOOR PROPOSED PLAN

CLASSIFICATION: UNCLASSIFIED

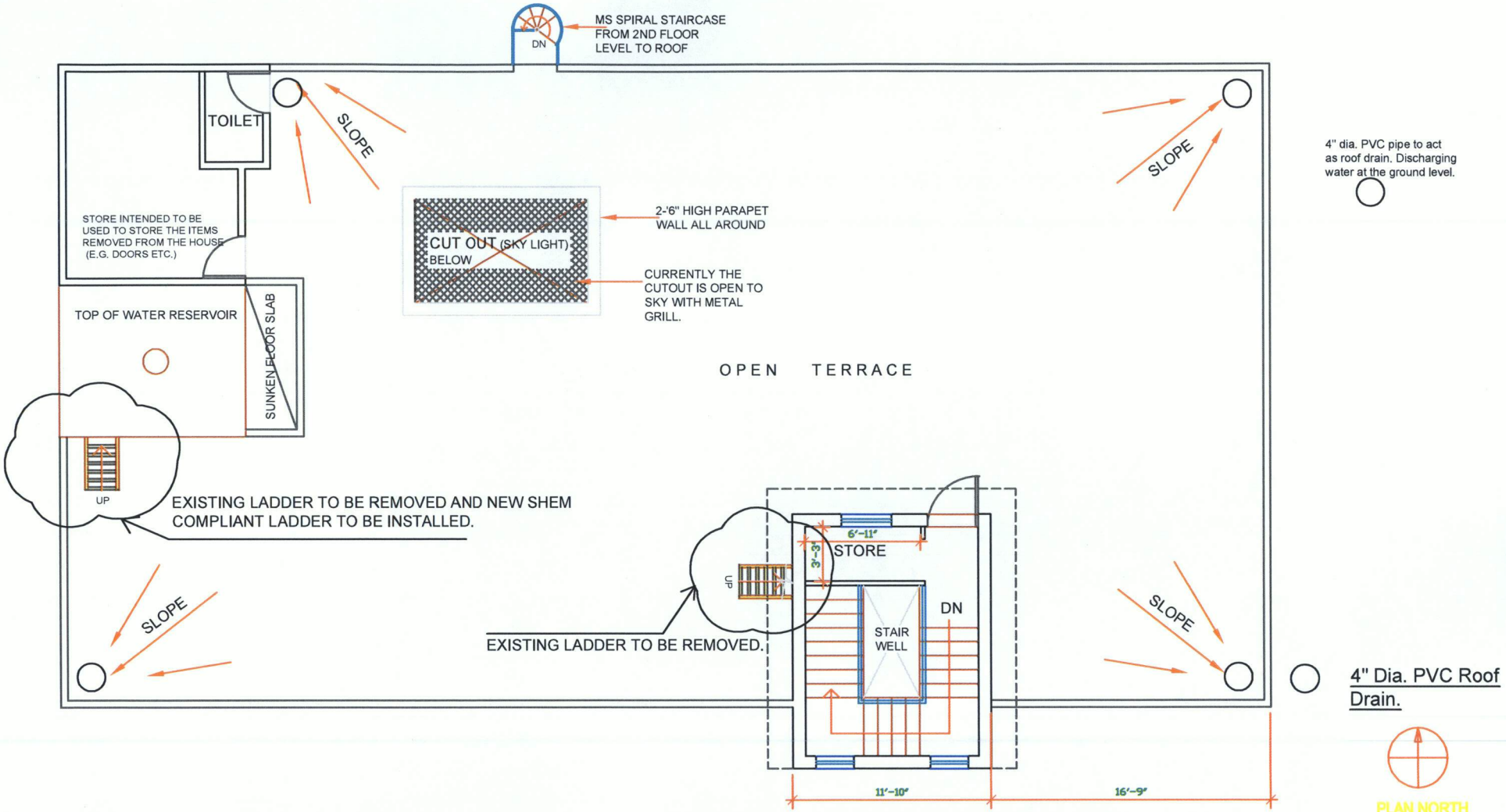
Project Title
PROPOSED MSGQ AT 6A- 38 NORTH CRESCENT ROAD CHENNAI, INDIA.

SCALE: 1"=8'

Date September 2019

DWG. NO. A-05 (b)

DESIGN PACKAGE PREPARED BY – ROHIT SONI



ROOF PLAN
SCALE: 1"=8'

FACILITY MANAGEMENT SERVICES
U.S. EMBASSY
NEW DELHI
INDIA

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Drawing Title
ROOF DEMOLITION PLAN

CLASSIFICATION: UNCLASSIFIED

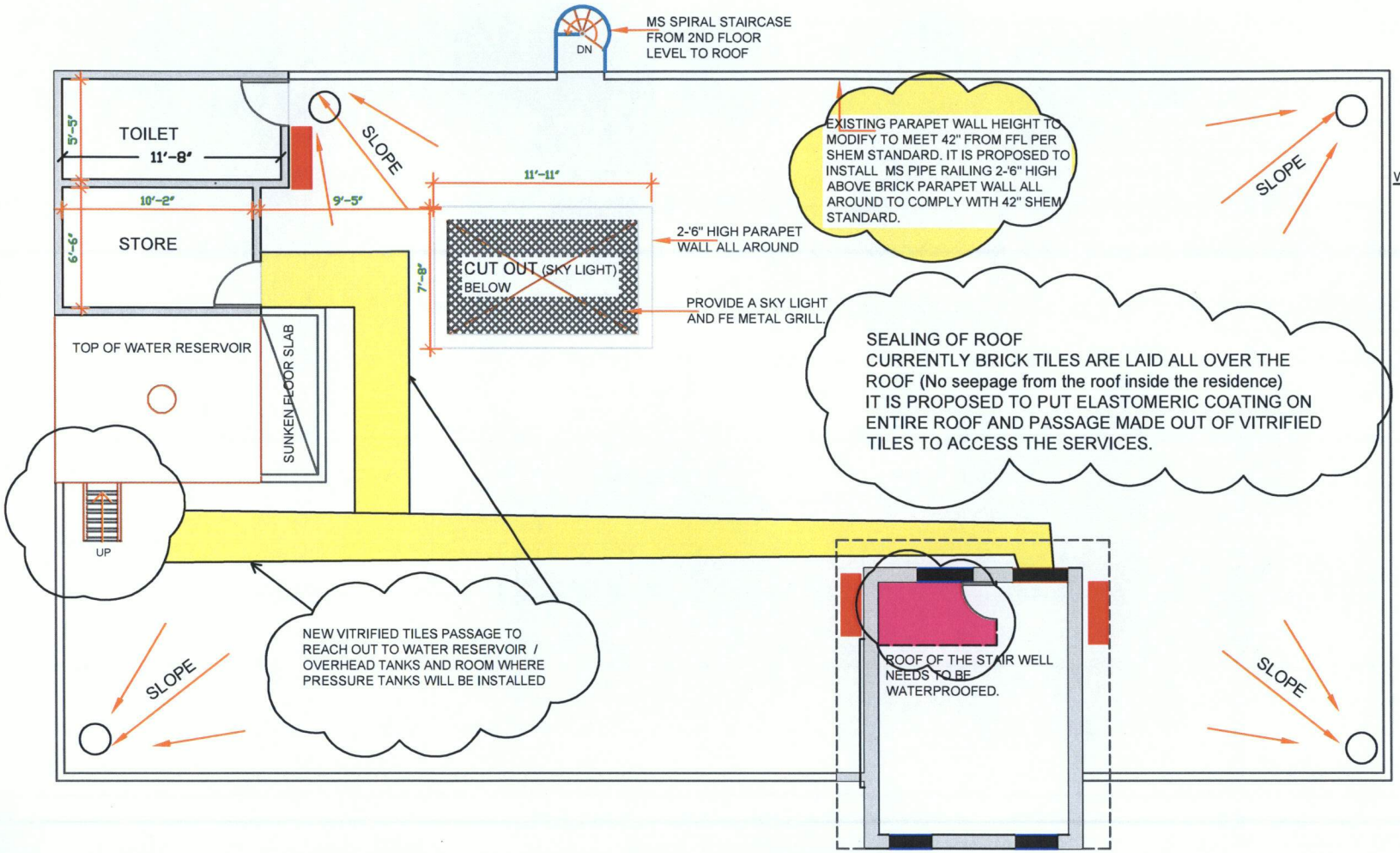
Project Title
PROPOSED MSGQ AT 6A- 38 NORTH CRESCENT ROAD CHENNAI, INDIA.

SCALE: 1"=8'

Date September 2019

DWG. NO. A-06 (a)

DESIGN PACKAGE PREPARED BY ROHIT SONI



NOTE:

Emergency Lights with 90 minutes back up. Installed just below the ceiling above.

Waterproofing: Contractor shall carry out water proofing of entire roof with Synroof elastomeric coating with geo textile (100 gsm) for additional strength.

OPTION II - Alternate location for communication equipment's.

4" Dia. PVC Roof Drain.

PLAN NORTH

ROOF PLAN

SCALE: 1"=8'

FACILITY MANAGEMENT SERVICES
U.S. EMBASSY
NEW DELHI
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Drawing Title: PROPOSED ROOF PLAN

CLASSIFICATION: UNCLASSIFIED

Project Title: PROPOSED MSGQ AT 6A- 38 NORTH CRESCENT ROAD CHENNAI, INDIA.

SCALE: 1"=8'

Date: September 2019

DWG. NO. A-06 (b)

DESIGN PACKAGE PREPARED BY ROHIT SONI

SPECIFICATIONS:

2" x 2" SS 304 PIPE FOR FRAME WORK

1" SS 304 ROUND ROD FOR GUIDING TRACK.

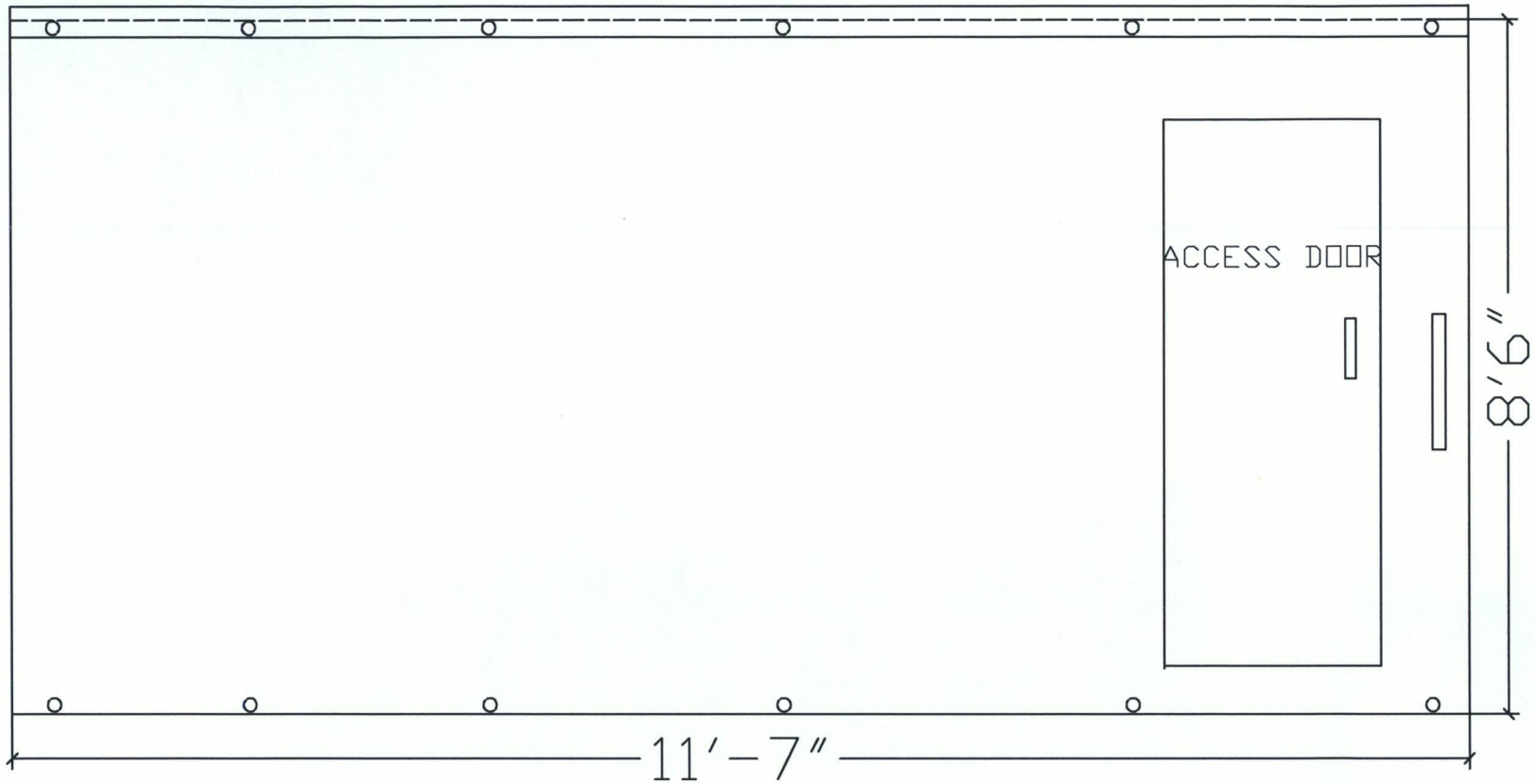
3" x 3" SS 304 ROUND WHEELS

3" x 3" SS 304 "C" CHANNEL AS TOP GUIDING TRACK

16 GAUGE SS 304 GRADE SHEETS

12" SLIDING BOLT

1-1/2" X 6" HINGES



SLIDING DOOR AS AN ALTERNATE TO DROP ARM TOWARDS END OF THE DRIVEWAY.

FACILITY MANAGEMENT SERVICES
U.S. EMBASSY
NEW DELHI
INDIA

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Drawing Title
PROPOSED SLIDING GATE

CLASSIFICATION: UNCLASSIFIED

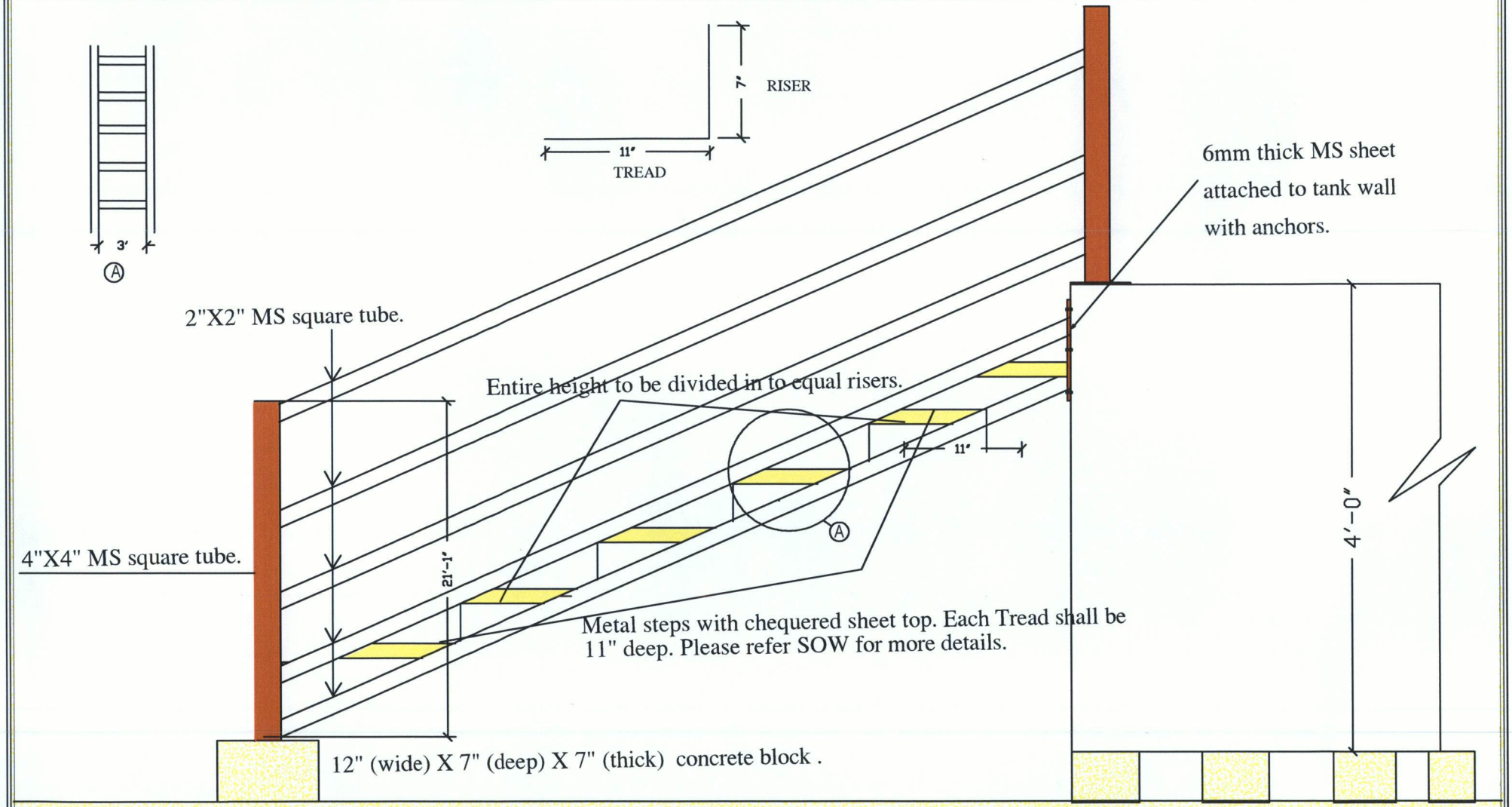
Project Title
PROPOSED MSGQ AT 6A- 38 NORTH CRESCENT ROAD CHENNAI, INDIA.

SCALE: NTS

Date September 2019

DWG. NO. A-07

DESIGN PACKAGE PREPARED BY ROHIT SONI



FACILITY MANAGEMENT SERVICES
U.S. EMBASSY
NEW DELHI
INDIA

GENERAL NOTES

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Drawing Title
CONCEPTUAL DRAWING FOR PROPOSED LADDER TO ON ROOF TO ACCESS WATER TANKS

CLASSIFICATION: UNCLASSIFIED

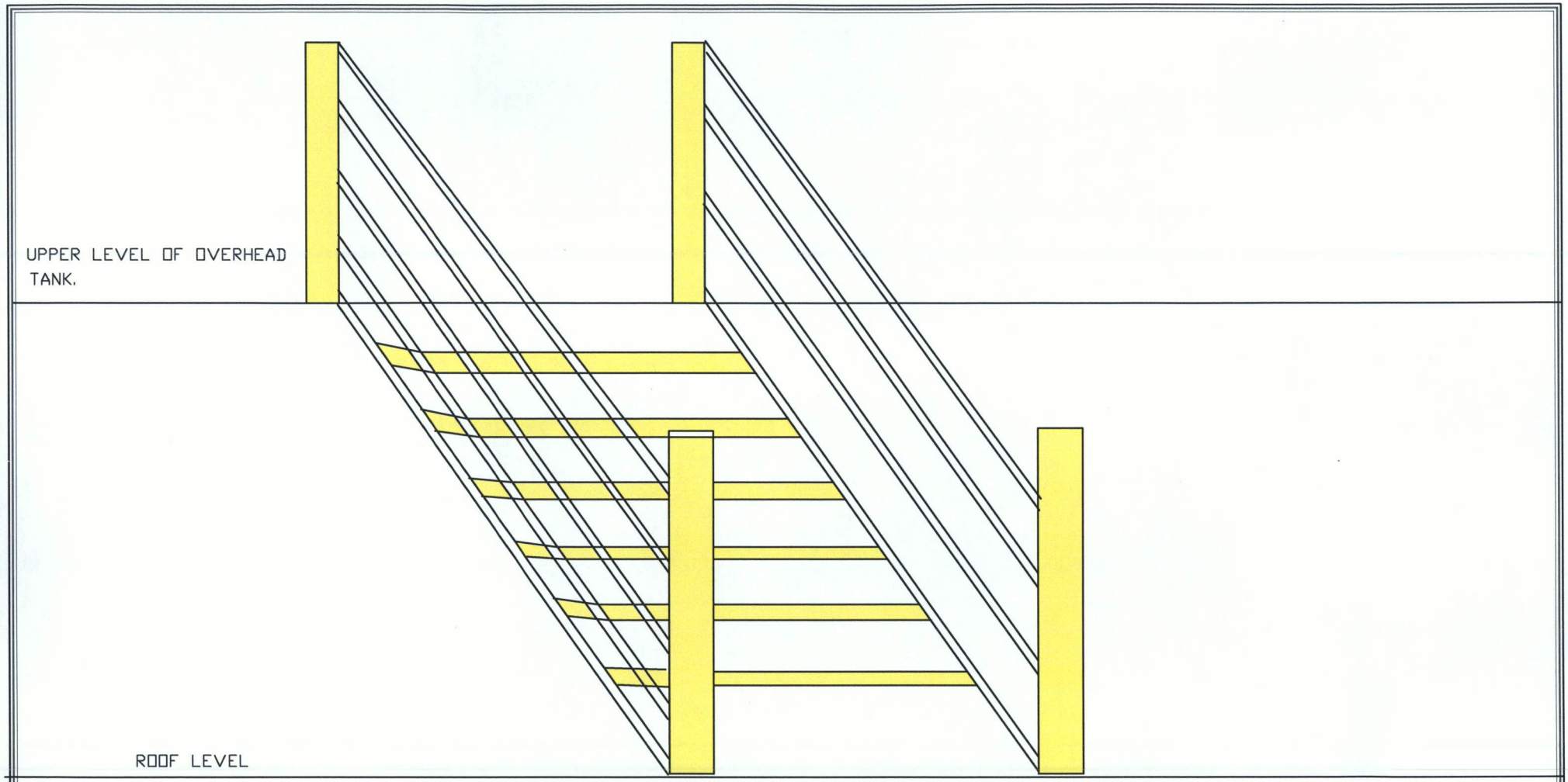
Project Title
PROPOSED MSGQ AT 6A- 38 NORTH CRESCENT ROAD CHENNAI, INDIA.

SCALE: NTS

Date July 2019
May 2019

DWG. NO. A-08

DESIGN PACKAGE PREPARED BY ROHIT SONI



CONCEPTUAL PLAN FOR THE PROPOSED METAL STAIRCASE.

CONTRACTOR SHALL PREPARE SHOP DRAWING AND GET APPROVAL FROM COR BEFORE EXECUTION.

FACILITY MANAGEMENT SERVICES
U.S. EMBASSY
NEW DELHI
INDIA

GENERAL NOTES

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Drawing Title
CONCEPTUAL DRAWING FOR PROPOSED LADDER TO ON ROOF TO ACCESS WATER TANKS

CLASSIFICATION: UNCLASSIFIED

Project Title
PROPOSED MSGQ AT 6A- 38 NORTH CRESCENT ROAD CHENNAI, INDIA.

SCALE: NTS

Date Sep 2019
July 2019
May 2019

DWG. NO. A-08 (a)

DESIGN PACKAGE PREPARED BY ROHIT SONI