



PRIVATE RESIDENCE PALM BEACH, FL 33480

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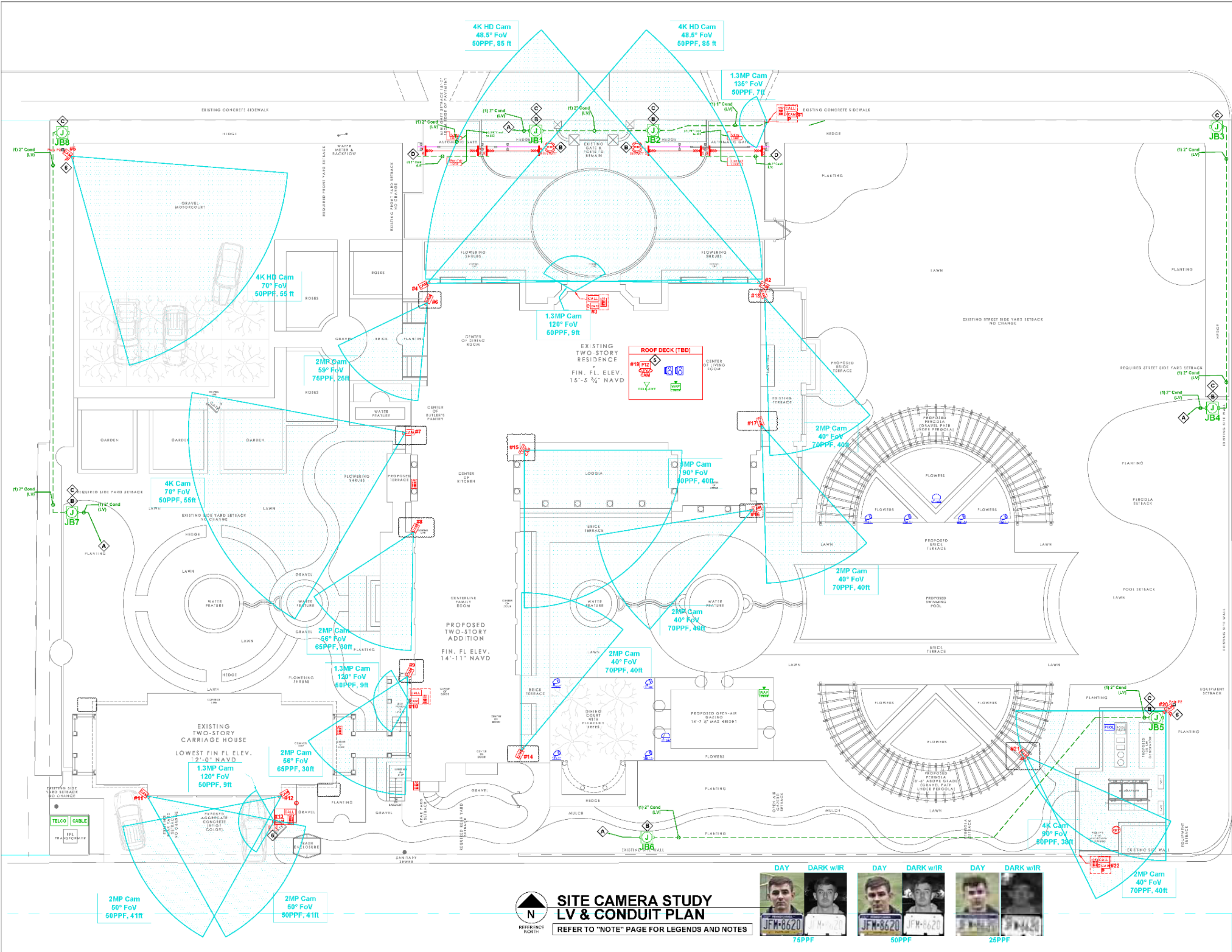
REV	DESCRIPTION	DATE
0	Initial Release	4/21/20
1	Progress Update	09/03/20
2	Initial Review with GC & Architect	09/11/20
3	Design Updates	09/15/20
4	Spec Revisions	09/25/20
5	Security Revision/Bid Set	09/29/20

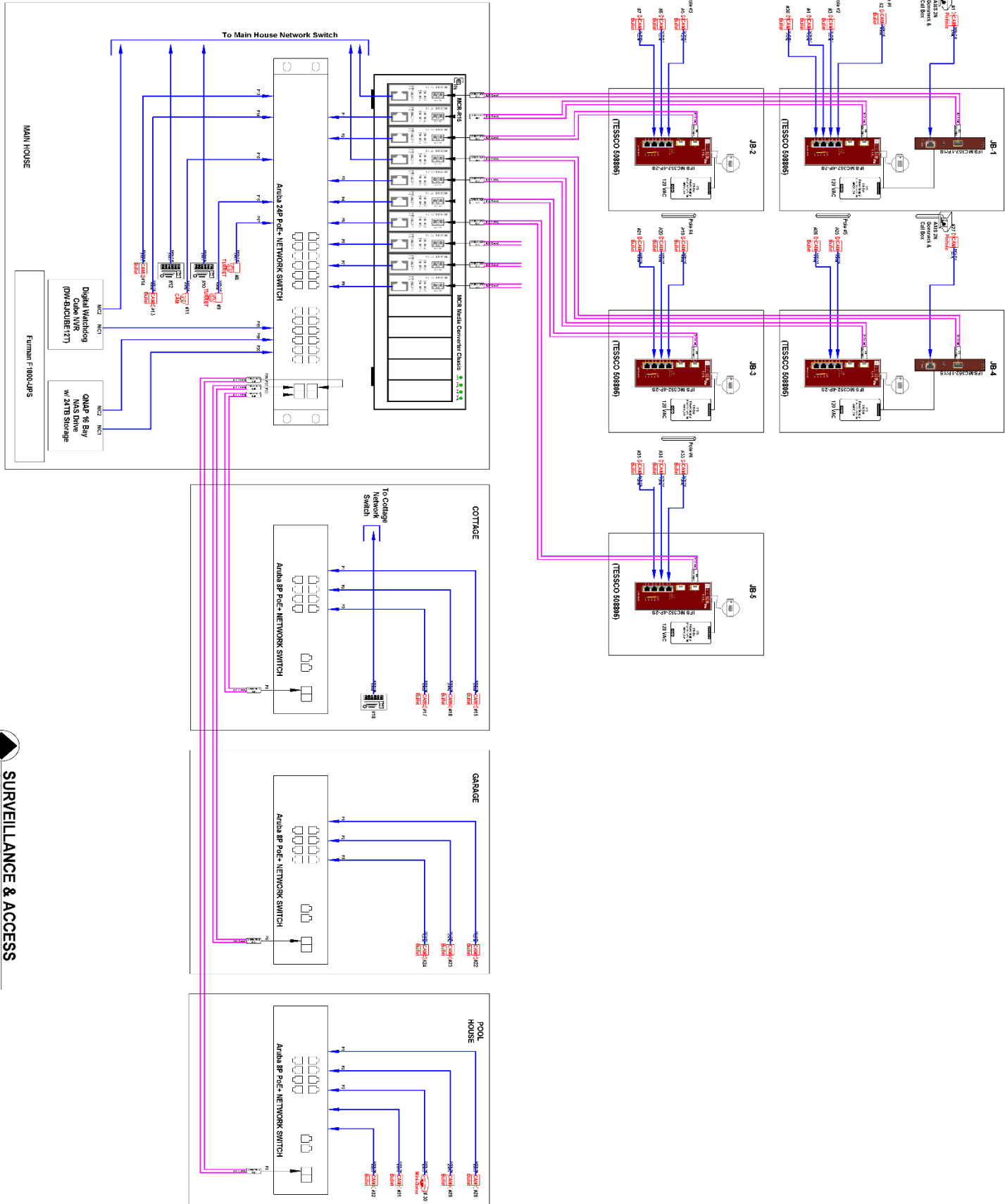
DATE: 04/21/20

SCALE: 1/4" = 1'-0"

DRAWN BY: CHECKED BY: CLIENT REP:

DRAWING NO: LV-S





PRIVATE RESIDENCE
123 MAIN STREET
HOMETOWN, FL



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REV	DESCRIPTION	DATE
0	(Insert Description)	06/20/21

DATE: 06/03/21

SCALE: N/A

DRAWN BY: MLC
CHECKED BY: CLIENT REP

DRAWING NO:

CAM-1

5.4 CCTV/Surveillance

The Surveillance system shall include 30 HD cameras comprised of the following:

- 5 Call Box Cameras (Front Gate, Front Door, Mud Room Door, Rear Gate, Pedestrian Gate)
- 8 Interior Cameras (Garage x2, Basement x2, Mud Room, Kitchen, Front Entry, Attic Stairs)
- 13 Exterior Cameras on Building (Front Drive x2, MH West x4, Dining Court, Loggia, Office, MH East x2, Rear Alley x2)
- 3 Perimeter Cameras on Poles (Motor court, Pergola, SE Equipment Yard)
- 1 PTZ on Pole (Roof Deck)

Motor court perimeter pole shall be hidden in the tall hedges. An extension arm out from the top shall provide for mounting the camera outside the hedges. For the equipment yard camera, the pole shall be high enough to clear the HVAC water tower and get a clear view of the gate. All three perimeter cameras shall be connected via fiber optic cabling. Poles used on site shall be engineered to meet the following code per the Town of Palm Beach Architectural Committee (ARCOM): ARCOM # A-006-2014, FBC 2010-301.2.1, Municode #134-1731. Contractor is responsible for coordinating with PE for engineering / sign off and submission to ARCOM (including applicable fees).

The NVR shall provide recording of all cameras and integrate through the Crestron touch screens and Crestron iPhone/iPad app. In addition, the NVR shall have a separate native app for live viewing and playback of recorded video. The NVR storage shall be sized for a minimum of 30 days recording, 24/7 recording, at 10 fps, assuming 4MP resolution on average. All cameras shall provide IR for night viewing.

Cameras shall be viewable at each TV using an HD Spot Monitor behind each TV. The spot monitor shall be able to view up to 16 cameras in a grid.

1.1.1 Surveillance Equipment

The following equipment or equivalent is recommended for the Surveillance equipment:

- 4K Bullet Camera – Axis P1448-LE
- 1080P Bullet Camera – Axis P1445-LE
- Recessed Mount Kit – Axis T94M016
- Mini Dome Camera – Axis M4206-LV
- 5MP Bullet Camera – Axis P1447-LE
- 5MP Dome Camera – Axis P3227-LVE
- 360° Camera – Axis M3057-PLVE
- PTZ with IR – Axis Q6125-LE
- Poles (custom fab) – 5"x5"x1/4" aluminum tubing, Powder coat black
- VMS – Digital Watchdog Spectrum
- NVR – Digital Watchdog Blackjack Cube (DW-BJCUBE)
- HD Spot Monitor – Digital Watchdog DW-HDSPOTMOD16
- Media Converters – Comnet CNFE1003POEM/M and CNFE1003M2