



GENERAL OBSERVATION CAMERA CAT6 CABLES			
# CAM	HOME RUN CAT6 #	EXTRA CAT6 IN J BOX	TOTAL CAT6
1	2	0 (No J box)	2
2	4	0 (No J box)	4
3	3	2	5
4	4	2	6
5	5	3	8
6	6	3	9
7	7	4	11
8	8	4	12
9	9	5	14
10	10	5	15

NOTES:

- Distance between camera & J box not to exceed 20 meters.
- Cameras to be home run directly with CAT6 cable from comm room through junction box.
- Spare CAT6 cables to be terminated in J box with RJ45 receptacle, TIA568B.
- J box size to be increased or decreased depending on number of spares/cameras.
- J box to be slide lid screw cover protected and should be minimum 10x10x6 inches.

TITLE CAT6 CABLES LAYOUT FOR GENERAL OBSERVATION CAMERAS			DATE 7/26/2019	
SIZE 11x17	FSCM NO.	DWG NO. VMS- BLOCK-1	REV 0	
DESIGNED BY N. SAHOTA	DRAWN BY J. Lee	FILE NAME VMS_Block1.dwg	SHEET 1/1	