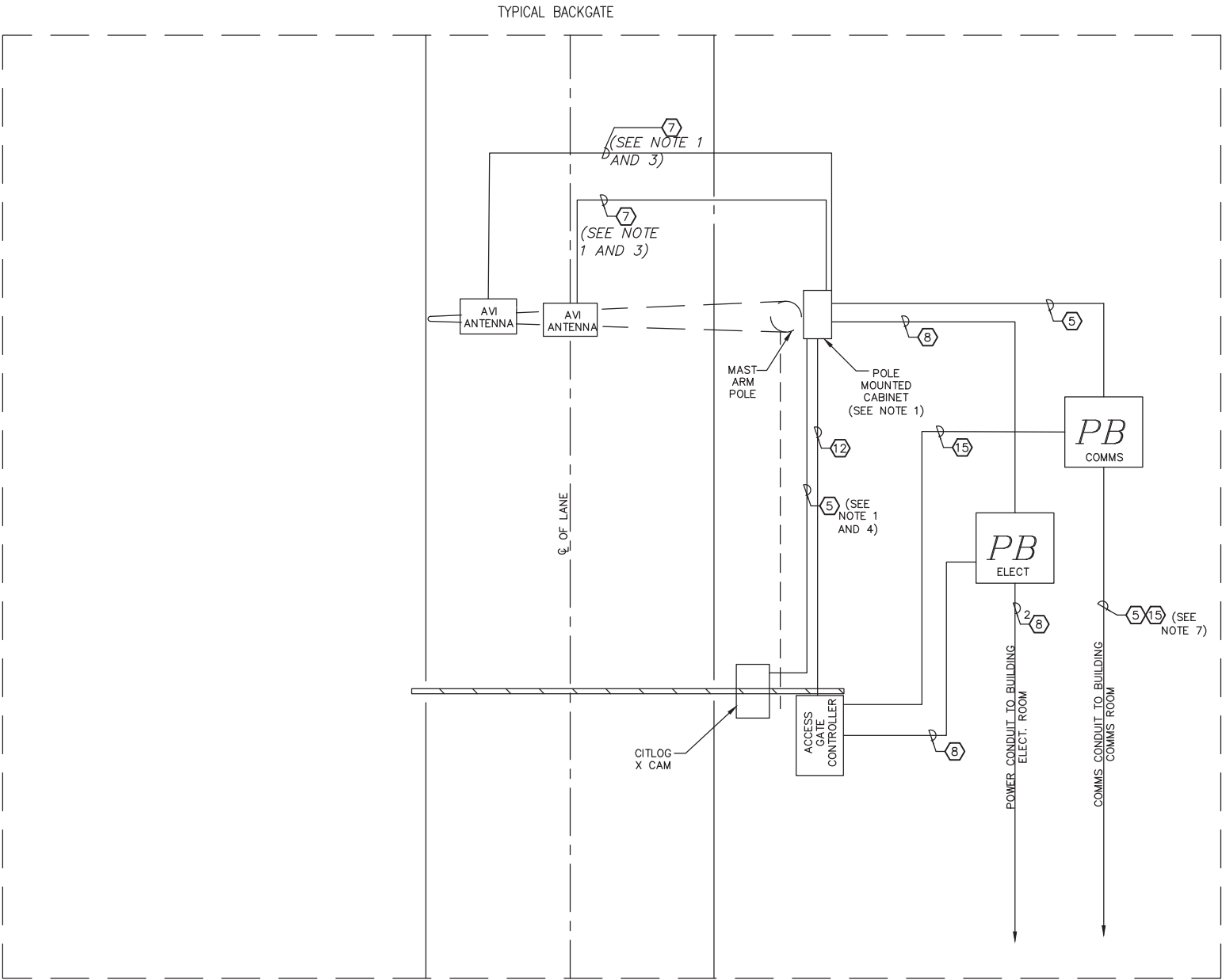


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1 BACKGATE CABLE SCHEDULE
1130 SCALE: N.T.S.

NOTES:

1. COIL UP 5'-0" OF EQUIPMENT CABLE AT EACH EQUIPMENT LOCATIONS, EQUIPMENT ENCLOSURES, AND HAND HOLES UNLESS CALLED OUT OTHERWISE.
2. ALL WIRE SHALL BE INSTALLED BY THE CONTRACTOR AND TERMINATED AND TESTED BY THE TCS INTEGRATOR.
3. ANY WIRE THAT IS DAMAGED DURING OR AFTER BEING INSTALLED AND DOES NOT TEST CORRECTLY SHALL BE RE-INSTALLED BY THE CONTRACTOR AT NO COST TO THE COMMISSION.
4. THE CONTRACTOR SHALL ROUTE AVI AND CITILOG XCAM CABLES THOUGH POLE AND MAST ARM TO EQUIPMENT. INSTALL RUBBER GROMMET TO PROTECT WIRE AT EXIT POINT.
5. THE CONTRACTOR SHALL INSTALL ALL ACCESS GATES, CONDUIT, WIRE AND POLE INFRASTRUCTURE. TCS INTEGRATOR SHALL INSTALL TCS EQUIPMENT, TEST, AND TERMINATE.
6. CAMERA CABLE SHALL BE PROVIDED BY INTEGRATOR AND INSTALLED BY THE CONTRACTOR.
7. ROUTE CONDUCTORS TO WALL MOUNTED SWITCH IN OFFICE 1-10 IN MAIN BUILDING FOR MANUAL CONTROL OF GATE. FOR GATE ON SECONDARY SIDE THE CONDUCTORS SIZE SHALL BE INCREASED TO #12 AWG.

EQUIPMENT SCHEDULE

TYPE	DESCRIPTION	PROVIDER	INSTALLER
1	DYNAMIC MESSAGING SIGN	*	*
2	LCS	*	*
3	REAR VES CAMERA WITH ILLUMINATOR	*	*
4	FRONT VES CAMERA WITH ILLUMINATOR	*	*
5	EXIST GATE	*	*
6	PIEZO STRIPA	*	*
7	AVI ANTENNA	*	*
8	LIDAR	*	*
9	PDMS	*	*
10	LANE ELECTRONIC CABINET	*	*
11	TOLL COLLECTOR INTERFACE	*	*
12	AVI CABINET	*	**
13	ATPM	*	*
14	DATIM	*	*
15	BARRIER GATE	*	*
* BY TCS INTEGRATOR			
** CONTRACTOR			

CABLE SCHEDULE

TYPE	PROVIDER	INSTALLER	DESCRIPTION	MANUFACTURER	PART NUMBER
1	*	*	IMSA 51-7 #14 STRANDED LOOP DETECTOR WIRE	ADVANCED CABLE	35LC-1401-XHHW-PE
2	*	*	PIEZO INTEGRATED CABLE	IRD	PROPRIETARY
3	*	**	NOT USED	-	-
4	**	**	IMSA 50-2 #14 STRANDED LOOP LEAD WIRE	ADVANCED CABLE	2I-1402
5	**	**	CAT6 SHIELDED OUTDOOR ETHERNET CABLE	PRIMUS CABLE	C6CMXE-5365BK
6	**	**	#18 AWG STRANDED 6 CONDUCTOR	OMNI CABLE	D91805
7	**	**	ANTENNA COAX CABLE LMR-600	TIMES MICROWAVE	LMR600-DB
8	**	**	#12 AWG STRANDED 3 CONDUCTOR (POWER AND GROUND) 120V	SEE DIV. 26000 SPEC	-
9	*	**	VES CAMERA COMPOSITE CABLE BY MANUACTIONER (NOTE 1) 24VDC	JAI	10016435
10	**	**	#12 AWG 3 CONDUCTOR (POWER AND GROUND) 120V (UPS)	SEE DIV. 26000 SPEC	-
11	**	**	#6 AWG 5 CONDUCTOR (POWER AND GROUND) 208V	SEE DIV. 26000 SPEC	-
12	**	**	#18 AWG STRANDED 8 CONDUCTOR (SIGNAL)	OMMI CABLE	D91808
13	**	**	8 AWG STRANDED 3C POWER & GRD 120V	SEE DIV. 26000 SPEC	-
14	**	**	12 FIBER OPTIC MULTIMODE	OCC	DX012DWL59KR
15	**	**	#18 STRAND AWG 4 CONDUCTOR (POWER AND GROUND) 120V	OMNI CABLE	D91804
16	**	**	BELDEN 8723 (RS422 COMMS)	BELDEN	8723
17	**	**	#12 AWG 5 CONDUCTOR (POWER AND GROUND) 208V	SEE DIV. 26000 SPEC	-

* BY TCS INTEGRATOR
** CONTRACTOR

QUANTITY
CABLE TYPE