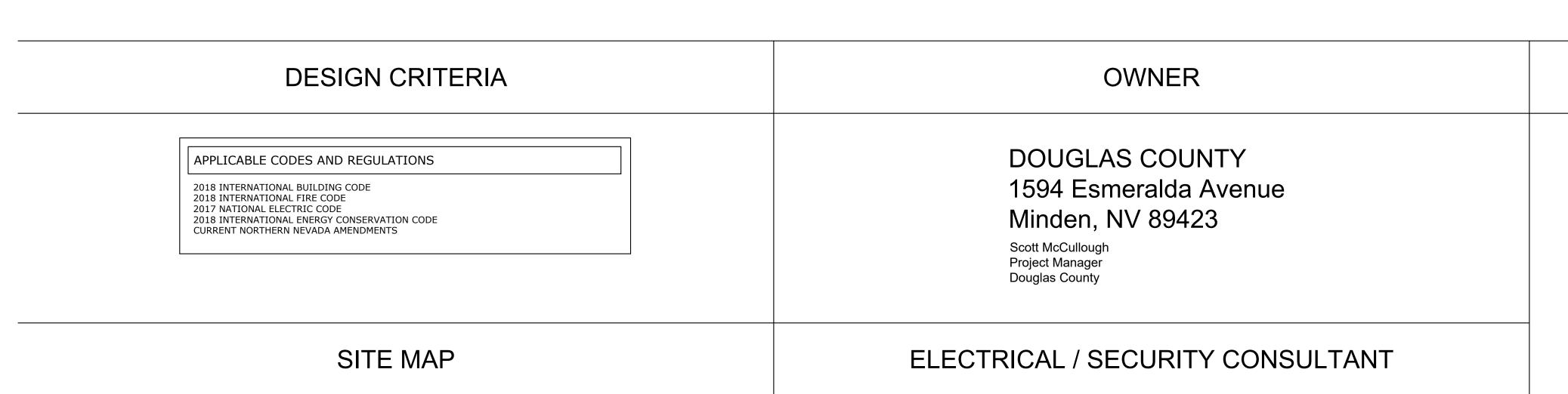
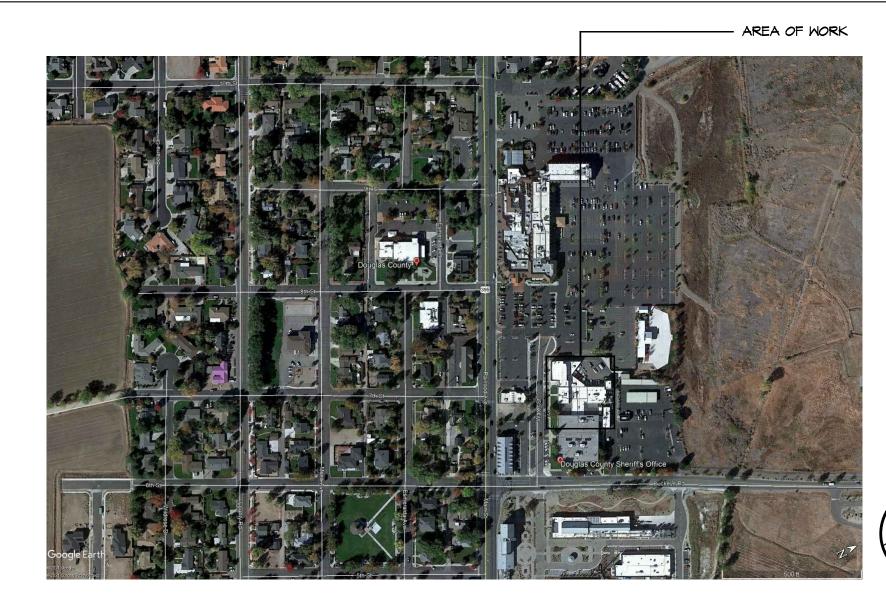
DOUGLAS COUNTY JAIL VIDEO SURVEILLANCE CAMERA UPGRADE

1038 Buckeye Road Minden, NV 89423

> Issued for Bid Sept 27, 2021



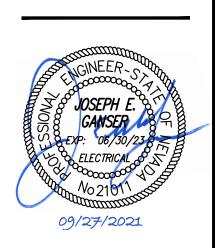




DRAWING SCHEDULE DESCRIPTION COVER SHEET AND DRAWING SCHEDULE VIDEO SURVEILLANCE GENERAL NOTES, LEGEND AND WORK PHASING REQUIREMENTS TS0.2 CAMERA AND EQUIPMENT SCHEDULES TS0.3 VIDEO SURVEILLANCE ONELINE DIAGRAM TS0.4 CAMERA MOUNTING DETAILS TS0.5 ENLARGED TELECOM ROOM AND RACK ELEVATIONS TS0.6 ENLARGED EQUIPMENT ROOM AND RACK ELEVATIONS GROUNDING AND BONDING DETAILS TSI.I OVERALL IST FLOOR PLAN TSI.2 OVERALL 2ND FLOOR PLAN IST FLOOR CAMERA DEMOLITION PLAN NORTH IST FLOOR CAMERA DEMOLITION PLAN SOUTH 2ND FLOOR CAMERA DEMOLITION PLAN NORTH 2ND FLOOR CAMERA DEMOLITION PLAN SOUTH IST FLOOR CAMERA PLAN NORTH IST FLOOR CAMERA PLAN SOUTH 2ND FLOOR CAMERA PLAN NORTH 2ND FLOOR CAMERA PLAN SOUTH

TOTAL SHEETS IN ISSUE:

DRAWING SCHEDULE



uglas County JLEC Camera Pr 100% Owner Review

REVISIONS

SHEET TITLE

 DRAWN:
 BC

 CHECKED:
 JEG

 DATE:
 09/27/21

 JOB NUMBER:
 21065

 PROJECT MGR:
 BC

G0.1

PROVIDE EIGHT (8) HOURS OF TRAINING TO THE OWNER COVERING THE USE AND OPERATION OF THE CAMERAS, VIDEO MANAGEMENT SERVER SOFTWARE AND CLIENT VIEWING

GUARANTEE: THE COMPLETE VIDEO SURVEILLANCE SYSTEM INCLUDING CAMERAS, CABLING, SERVERS, NETWORK SWITCHES AND PROGRAMMING SHALL BE GUARANTEED TO BE

ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS, SYSTEM PROGRAMMING COMPLETED, TESTING AND COMMISSIONING COMPLETED, PUNCH LIST ITEMS COMPLETED AND

FREE FROM DEFECTS IN WORKMANSHIP AND MATERIALS FOR A MINIMUM PERIOD OF ONE (I) YEAR FROM DATE OF SUBSTANTIAL COMPLETION. PROMPTLY REMEDY SUCH

DEFECTS AND ANY SUBSEQUENT DAMAGE CAUSED BY THE DEFECTS OR REPAIR THEREOF AT NO EXPENSE TO THE OWNER, SEE INDIVIDUAL SPECIFICATION SECTIONS FOR

SUBSTANTIAL COMPLETION: THE FOLLOWING ARE PREREQUISITES FOR SUBSTANTIAL COMPLETION OF THE VIDEO SURVEILLANCE SYSTEM: ALL WORK COMPLETED IN

SUBMITTED, MANUFACTURER'S WARRANTY AND CONTRACTOR'S GUARANTEE SUBMITTED, EXTRA STOCK ITEMS TURNED OVER TO THE OWNER.

SIGNED OFF, SYSTEM DEMONSTRATION AND OWNER TRAINING COMPLETED, AS-BUILT DRAWINGS SUBMITTED. MANUFACTURER'S OPERATION AND MAINTENANCE MANUALS

WORKSTATIONS.

PROVIDE SYSTEM DOCUMENTATION AND O#M MANUALS IN ELECTRONIC PDF FORMAT.

ADDITIONAL AND/OR EXTENDED WARRANTY REQUIREMENTS.

SOFTWARE.

20.

RACE\	WAY LEGEND
SYMBOL	DESCRIPTION
	CONDUIT. SIZE AS INDICATED ON DRAWINGS
	CONDUIT UNDERGROUND OR IN SLAB
│ — →	CONDUIT STUB OUT WITH BUSHING.
	HORIZONTAL OR VERTICAL SLEEVE WITH BUSHINGS.
——э	CONDUIT UP OR DOWN.
-1-1-	J-HOOKS (WHERE SPECIFIC ROUTING REQUIRED)
	CABLE TRAY OR LADDER RACK. SIZE INDICATED ON DWGS
	WIRE BASKET TRAY. SIZE INDICATED ON DRWGS.
—	VERTICAL LADDER RACK.
0	CONDUIT OR SLEEVE STUB UP.
ELECT	RICAL LEGEND
	PANELBOARD: SURFACE MOUNTED
φ	SINGLE RECEPTACLE: 20A, 125V, NEMA 5-20, +18" AFF (UNO)
3	SHEET NOTE DESIGNATION
<u>∕</u> 3	REVISION DELTA: NUMBER REPRESENTS REVISION
	BRANCH CIRCUIT (WHEN TIC MARKS ARE NOT SHOWN) = (I) PHASE, (I) NEUTRAL AND (I) GROUNDING CONDUCTOR. #12 CU CONDUCTORS UNLESS NOTED OTHERWISE (UNO)
	HOMERUN TO PANELBOARD OR DEVICE, #12 CU UNO
HA-[1,3,5,3]	NJG HOMERUN CIRCUIT DESIGNATION
	GROUNDING CONDUCTOR
	NEUTRAL CONDUCTOR (N=1, 2N=2 NEUTRALS, 3N=3 NEUTRALS) PHASE CONDUCTOR(S) PANELBOARD DESIGNATION
HA-(1.3.5)	

— PHASE CONDUCTOR(S)

DESCRIPTION

WHERE REQUIRED.

ITEM

6.

10.

12.

13.

15.

16.

18.

21.

23.

24.

25.

26.

-PANELBOARD DESIGNATION

PROJECT PHASING REQUIREMENTS

THE EXISTING CAMERA SYSTEM MUST REMAIN OPERATIONAL UNTIL THE

CORE CONCRETE AND CMU WALLS AS NECESSARY FOR CABLE ROUTING

ROOM EI5 TO PROPERTY STORAGE ROOM B44. TERMINATE AND TEST CABLING.

CONFIGURE VIDEO ANALYTICS ON CAMERAS AS REQUIRED BY THE SPECIFICATIONS.

TO THE OWNER ON THE OPERATION AND MAINTENANCE OF THE SYSTEM.

PROVIDE FIFTEEN (15) YEAR WARRANTY FOR THE CAT 6 CABLING SYSTEM.

ABANDONED J-BOXES AND OUTLET BOXES.

TURN OVER EXTRA STOCK CAMERAS TO THE OWNER.

PROVIDE (3) YEAR WARRANTY FOR ALL CAMERAS.

PROVIDE (3) YEAR WARRANTY FOR NETWORK SWITCHES.

MONITORS TO CONTROL ROOM VIDEO VIEWING WORKSTATIONS WITH HDMI/DISPLAY PORT CABLES.

ON VIDEO INTERCOM MASTER STATION SYSTEM TO OPEN VEHICLE SALLY PORT ROLL-UP DOOR.

PROVIDE OVERALL (I) YEAR WARRANTY FOR THE COMPLETE SYSTEM AND INSTALLATION.

PROVIDE (5) YEAR ONSITE WARRANTY FOR THE NYR'S AND CONTROL ROOM VIDEO VIEWING WORKSTATIONS.

PROVIDE (5) YEAR SOFTWARE AND SUPPORT AGREEMENT (SMART SOFTWARE ASSURANCE) FROM AVIGILON.

PROVIDE ALL MATERIAL AND EQUIPMENT SUBMITTALS FOR REVIEW AND APPROVAL. PROCURE ALL APPROVED MATERIALS AND

NETWORK SWITCHES FROM DOUGLAS COUNTY IT STAFF. ASSIGN IP ADDRESSES TO ALL DEVICES AND EQUIPMENT.

OBTAIN IP ADDRESS SCHEME FOR ALL VIDEO SURVEILLANCE CAMERAS, RECORDING SERVERS, CLIENT VIEWING WORKSTATIONS AND

INSTALL CONDUIT PATHWAY BETWEEN EQUIPMENT CABINET LOCATED IN PROPERTY STORAGE ROOM B44 AND TELECOM ROOM E15.

INSTALL NEW DEDICATED 20A ELECTRICAL OUTLETS AND WALL MOUNTED COPPER BUS BAR IN PROPERTY STORAGE ROOM B44.

PROPERTY STORAGE ROOM TO ACCOMMODATE CABINET MOUNTING LOCATION. INSTALL CAT 6 PATCH PANELS IN CABINET.

TO DOUGLAS COUNTY'S EXISTING NETWORK AS DIRECTED BY OWNER'S IT STAFF. INSTALL CAMERA LICENSES ON SERVERS.

CONFIGURE CLIENT CAMERA VIEWING SOFTWARE ON QTY (6) EXISTING DESKTOP COMPUTERS AS DIRECTED BY THE OWNER.

CUT-IN NEW 24" X 24" DETENTION GRADE AIR LOUVER IN EXISTING PROPERTY STORAGE ROOM B44 DOOR.

INSTALL J-HOOK PATHWAYS IN ACCESSIBLE CEILING SPACES FOR CAT 6 CABLING. INSTALL CONDUIT PATHWAY TO CAMERA LOCATIONS

INSTALL AND ANCHOR NEW HEAD-END EQUIPMENT CABINET IN PROPERTY STORAGE ROOM B44. CUT EXISTING 2-LEVEL PIPE SUPPORTS IN

INSTALL CAT 6 CABLING FROM NEW CAMERA LOCATIONS, CONTROL ROOM, CAMERA VIEWING WORKSTATION LOCATIONS AND TELECOM

INSTALL AND CONFIGURE RACK MOUNTED HEAD-END VIDEO SURVEILLANCE EQUIPMENT INCLUDING 24-PORT POE+ NETWORK SWITCHES,

INSTALL AND MOUNT ALL NEW CAMERAS. CONNECT CAMERAS TO THE NETWORK SWITCHES. AIM, FOCUS AND ADJUST NEW CAMERAS.

NETWORK VIDEO RECORDERS (NVR'S) AND UPS'S. INSTALL NETWORK SWITCH STACKING CABLES BETWEEN SWITCHES. CONNECT SWITCHES

INSTALL CAMERA VIDEO VIEWING WORKSTATIONS IN THE CONTROL ROOM AND CONNECT TO THE NETWORK. CONFIGURE WORKSTATIONS TO

SAWCUT AND INSTALL REINFORCED CONCRETE PAD FOR INTERCOM PEDESTAL AT VEHICLE SALLY PORT ENTRY DRIVEWAY. INSTALL TUBE

TEST AND COMMISSION THE ENTIRE VIDEO SURVEILLANCE SYSTEM AND VIDEO INTERCOM SYSTEM. PROVIDE EIGHT (8) HOURS OF TRAINING

STEEL MOUNTING PEDESTAL AND VIDEO INTERCOM STATION AND CONNECT TO MASTER STATION IN CONTROL ROOM. CONNECT VIDEO INTERCOM OUTPUT RELAYS TO THE EXISTING ACCESS CONTROL SYSTEM IN TELECOM ROOM EI5. CONFIGURE DOOR RELEASE PUSH BUTTON

DEMO EXISTING CAMERA SYSTEM IN ITS ENTIRETY INCLUDING CAMERAS, CAMERA SUPPORTS, CABLING, EQUIPMENT AND EQUIPMENT

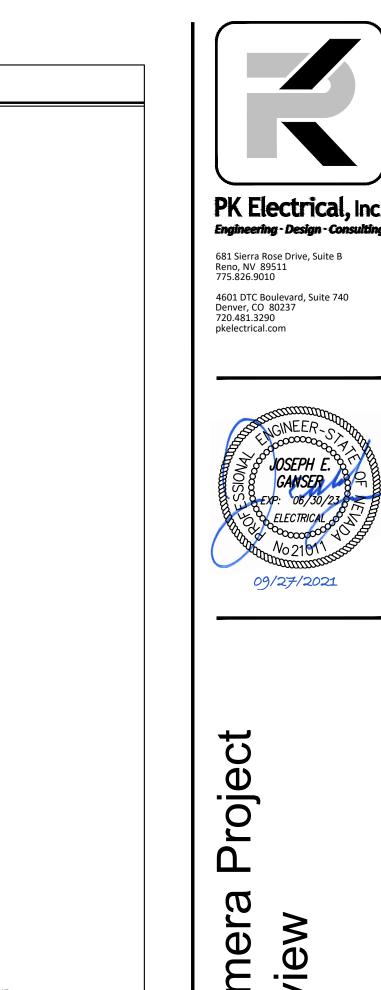
MOUNTING CABINET. PATCH HOLES IN WALLS AND CEILINGS AT REMOVED CAMERA LOCATIONS. PROVIDE BLANK COVER PLATES OVER

REMOVE EXISTING CEILING MOUNTED CONTROL ROOM MONITORS AND REPLACE WITH NEW CEILING MOUNTED MONITORS. CONNECT NEW

CCTV	CCTV SYSTEM LEGEND							
SYMBOL	DESCRIPTION							
	FIXED DOME CAMERA.							
€@	CEILING CORNER MOUNT ANTI-LIGATURE CAMERA.							
	4-WAY MULTI-SENSOR DOME CAMERA.							
	3-WAY MULTI-SENSOR DOME CAMERA.							
□□□	ELEVATED BODY TEMPERATURE DETECTION BULLET CAM.							
@	CEILING MOUNTED MICROPHONE WITH LINE AUDIO PIGTAIL TO CAMERA 3.5 MM JACK.							
NVR	NETWORK VIDEO RECORDER (RACK MOUNTED).							
SMITCH	24-PORT POE+ SWITCH (RACK MOUNTED).							
48 PP	48-PORT CAT 6 PATCH PANEL (RACK MOUNTED).							
FPD	FLAT PANEL DISPLAY.							
VV. WKS	VIDEO VIEWING WORKSTATION WITH QTY (2) CONNECTED FLAT PANEL DISPLAYS.							
UPS	UNINTERRUPTIBLE POWER SUPPLY.							
▽	TELECOM OUTLET WITH CAT 6 NETWORK DROPS. SEE PLANS FOR QTY OF CAT 6 CABLE DROPS AT EACH OUTLET.							
ТЄВ	2" HIGH X 12" WIDE X 1/4" THICK WALL MOUNTED COPPER BUS BAR WITH INSULATED STANDOFFS.							
VIDEO	INTERCOM LEGEND							
SYMBOL	DESCRIPTION							

VIDEO INTERCOM LEGEND							
SYMBOL	DESCRIPTION						
abla	PEDESTAL MOUNTED VIDEO INTERCOM WITH RAIN HOOD.						
MS	DESK MOUNTED VIDEO INTERCOM MASTER STATION WITH DOOR RELEASE PUSH BUTTON.						
₹	RELAY MODULE WITH OUTPUTS TO EXISTING DOOR ACCESS CONTROL SYSTEM.						
E	120VAC TO 24VDC POWER SUPPLY.						

CCTV	SYSTEM LEGEND		ABBF	REVIATIONS	
SYMBOL	DESCRIPTION		AFF	ABOVE FINISH FLOOR	
	FIXED DOME CAMERA.		AV	AUDIO / VISUAL	
•	TIMES SOTILE OF TILLIAM.		AMG	AMERICAN WIRE GAUGE	
← 回→	CEILING CORNER MOUNT ANTI-LIGATURE CAMERA.		DEMAR	C DEMARCATION POINT	
	4-WAY MULTI-SENSOR DOME CAMERA.		DIA	DIAMETER	
_			FB0	FURNISHED BY OTHERS	
	3-WAY MULTI-SENSOR DOME CAMERA.		(E)	EXISTING	
□□	ELEVATED BODY TEMPERATURE DETECTION BULLET CAM.		EA	EACH	
W	CEILING MOUNTED MICROPHONE WITH LINE AUDIO PIGTAIL		EIA	ELECTRONICS INDUSTRIES ALLIANCE	
	TO CAMERA 3.5 MM JACK.		EMT	ELECTRICAL METALLIC TUBING	
N/R	NETWORK VIDEO RECORDER (RACK MOUNTED).		EQ	EQUAL	
SWITCH	24-PORT POE+ SWITCH (RACK MOUNTED).		FB0	FURNISHED BY OTHERS	
48 PP	48-PORT CAT 6 PATCH PANEL (RACK MOUNTED).		FPD	FLAT PANEL DISPLAY	
FPD	FLAT PANEL DISPLAY.		GND	GROUND	
VV. WKS	VIDEO VIEWING WORKSTATION WITH QTY (2) CONNECTED FLAT PANEL DISPLAYS.		HC	HORIZONTAL CROSS-CONNECT	
UPS	UNINTERRUPTIBLE POWER SUPPLY.		10	INTERMEDIATE CROSS-CONNECT	
	TELECOM OUTLET WITH CAT 6 NETWORK DROPS. SEE		ID	INSIDE DIAMETER	
∇	PLANS FOR QTY OF CAT 6 CABLE DROPS AT EACH OUTLET.		IDC	INSULATION DISPLACEMENT CONNECTOR	
ТӨВ	2" HIGH X I2" WIDE X I/4" THICK WALL MOUNTED COPPER		IDF	INTERMEDIATE DISTRIBUTION FRAME	
	BUS BAR WITH INSULATED STANDOFFS.		LAN	LOCAL AREA NETWORK	
		ı	MC	MAIN CROSS-CONNECT	
√IDEO	INTERCOM LEGEND		MDF	MAIN DISTRIBUTION FRAME	
SYMBOL	DESCRIPTION		NTS	NOT TO SCALE	
			00	ON CENTER	
V	PEDESTAL MOUNTED VIDEO INTERCOM WITH RAIN HOOD.		OD	OUTSIDE DIAMETER	
MS	DESK MOUNTED VIDEO INTERCOM MASTER STATION WITH DOOR RELEASE PUSH BUTTON.		OFE	OWNER FURNISHED EQUIPMENT	
R M	RELAY MODULE WITH OUTPUTS TO EXISTING DOOR		OSP	OUTSIDE PLANT	
	ACCESS CONTROL SYSTEM.		PVC	POLYVINYLCHLORIDE	
PS	120VAC TO 24VDC POWER SUPPLY.		TR	TELECOMMUNICATIONS ROOM	
		•	T6B	TELECOMMUNICATIONS GROUNDING BUSBAR	
		l	TIA	TELECOMMUNICATIONS INDUSTRY ASSOCIATION	
			TMGB	TELECOMMUNICATIONS MAIN GROUNDING BUSBAR	
			TYP	TYPICAL	
E NEW CAM	ERA SYSTEM IS INSTALLED AND FULLY OPERATIONAL.		UON	UNLESS OTHERWISE NOTED	
	(AL PROCURE ALL APPROVED MATERIALS AND		UTP	UNSHIELDED TWISTED PAIR	



0 0 0

JOSEPH

REVISIONS

SHEET TITLE

VIDEO SURVEILLANCE SYSTEM GENERAL NOTES LEGEND AND WORK SEQUENCE

BC
JEG
09/27/21
21065
ВС

											VIDEO SURVEILLANCE CAMERA SCHED	ULE								
CAN NO.	I LOCATION	CAMERA TYPE FIXED DOME	INDOOR / OUTDOOR	MΡ	IR -	POE 15W POE	DOME COVER	CLG MFG - AVIGILON	CAMERA PART #	DOME COVER H4A-DP-CLER1	MOUNT PART NUMBER H4A-MT-WALL1	IR RING	POE++ INJECTOR	CEILING MICROPHONE	CAMERA LICENSE	SOFTWARE MAINTENACE AGREEMENT ACC-ENT-SMART-5YR	MOUNTING LOCATION MOUNT TYPE WALL GOOSENECK	MOUNTING SURFACE SPLIT FACE CMU BLOCK	MOUNTING HEIGHT	NOTES
2 3 4 5 6 7 8 9	VEHICLE SALLY PORT VEHICLE SALLY PORT EXIT NORTH ENTRY NORTHEAST PARKING LOT WEIGHT ROOM ARMORY WEST SALLY PORT HOLDING CELL H-1	FIXED DOME 4-SENSOR FIXED DOME FIXED DOME 4-SENSOR FIXED DOME FIXED DOME FIXED DOME FIXED DOME CORNER ANTI-LIGATUR	INDOOR OUTDOOR OUTDOOR INDOOR INDOOR INDOOR INDOOR INDOOR INDOOR	4 4 x 3 2 4 x 3 2 2 2 2 3 3	YES YES YES YES YES YES	15W POE 60W POE+- 15W POE 60W POE+- 15W POE 15W POE 15W POE	SMOKED CLEAR CLEAR CLEAR CLEAR SMOKED SMOKED SMOKED -	- AVIGILON	4.0C-H5A-D1 12C-H4A-4MH-360 2.0C-H5A-D01-IR 12C-H4A-4MH-360 2.0C-H5A-D1 2.0C-H5A-D1 2.0C-H5A-D1 3.0C-H5A-CR1-IR-SS	H4A-DD-SMOK1 H4AMH-DO-COVR1 H4A-DP-CLER1 H4AMH-DO-COVR1 H4A-DD-SMOK1 H4A-DD-SMOK1 H4A-DD-SMOK1 -	- - - - H4AMH-AD-PEND1 + IRPTZ-MNT-WALL1 + H4-MT-CRNR1 - - -	- H4AMH-AD-IRIL1 -	POE-INJ2-60W-NA - POE-INJ2-60W-NA	-	ACC7-ENT ACC7-ENT ACC7-ENT ACC7-ENT ACC7-ENT ACC7-ENT ACC7-ENT ACC7-ENT	ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR	CEILING SURFACE CEILING SURFACE CEILING SURFACE CORNER CORNER CEILING SURFACE CEILING SURFACE CEILING SURFACE CEILING SURFACE WALL SURFACE	T-BAR PLASTER PLASTER CMU BLOCK PLASTER T-BAR PLASTER CMU BLOCK	+/- 10'-8" AFF +/- 12'-0" AFF +/- 10'-6" AFF +/- 16'-0" AFF +/- 10'-0" AFF +/- 10'-8" AFF +/- 10'-8" AFF +/- 10'-8" AFF	
10 11 12	VEHICLE SALLY PORT	FIXED DOME FIXED DOME FIXED DOME	INDOOR INDOOR OUTDOOR	4 8		15W POE 15W POE 15W POE	SMOKED SMOKED CLEAR	YES AVIGILON - AVIGILON - AVIGILON	2.0C-H5A-D1 4.0C-H5A-D1 8.0C-H5A-DP1	H4A-DD-SMOK1 H4A-DD-SMOK1 H4A-DP-CLER1	- - - H4A-MT-WALL1	-		ACC-MIC + CM-AC-AVIO1 - -		ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR	CEILING SURFACE CEILING SURFACE WALL GOOSENECK	PLASTER T-BAR SPLIT FACE CMU BLOCK	+/- 9'-0" AFF +/- 10'-8" AFF K +/- 27'-0" AFF	
13	VEHICLE SALLY PORT DRIVEWAY VEHICLE SALLY PORT DRIVEWAY	4-SENSOR FIXED DOME				60W POE++		- AVIGILON	12C-H4A-4MH-360	H4AMH-DO-COVR1	H4AMH-AD-PEND1 + IRPTZ-MNT-WALL1 + H4-MT-POLE1		POE-INJ2-60W-NA	-	ACC7-ENT	ACC-ENT-SMART-5YR	LIGHT POLE POLE MOUNT	STEEL LIGHT POLE	+/- 12'-0" AFF +/- 10'-8" AFF	
15		FIXED DOME FIXED DOME FIXED DOME	OUTDOOR OUTDOOR INDOOR		YES YES	15W POE 15W POE	CLEAR CLEAR SMOKED	- AVIGILON - AVIGILON - AVIGILON	2.0C-H5A-D01-IR 2.0C-H5A-D01-IR 2.0C-H5A-D1	H4A-D0-CLER1 H4A-D0-CLER1 H4A-DD-SMOK1	-	-	-	-	ACC7-ENT ACC7-ENT	ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR	CEILING SURFACE CEILING SURFACE CEILING SURFACE	PLASTER PLASTER PLASTER	+/- 10'-8" AFF	
17 18 19 20 21 22 23 24	DEPUTY WORK AREA HOLDING CELL H-2 HOLDING CELL H-3 HOLDING CELL H-4 HOLDING CELL H-5 HOLDING CELL H-6 HOLDING CELL H-7	FIXED DOME CORNER ANTI-LIGATUR	INDOOR E INDOOR	2 3 3 3 3 3 3	YES	15W POE 15W POE 15W POE 15W POE 15W POE 15W POE 15W POE	SMOKED	- AVIGILON	2.0C-H5A-D1 3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS	H4A-DD-SMOK1	- - - - - - -	-	-	-	ACC7-ENT ACC7-ENT ACC7-ENT ACC7-ENT ACC7-ENT ACC7-ENT ACC7-ENT ACC7-ENT	ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR	CEILING SURFACE CORNER SURFACE	PLASTER PLASTER CLG / CMU WA	+/- 10'-8" AFF LL +/- 10'-8" AFF	
25 26	DEPUTY WORK AREA HOLDING CELL	FIXED DOME CORNER ANTI-LIGATUR	INDOOR E INDOOR	3 3	- YES	15W POE 15W POE	-	- AVIGILON - AVIGILON	2.0C-H5A-D1 3.0C-H5A-CR1-IR-SS	- H4A-DD-SMOK1 -	-	-	-		ACC7-ENT ACC7-ENT	ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR	CEILING SURFACE CORNER SURFACE	PLASTER PLASTER CLG / CMU WA	+/- 10'-8" AFF LL +/- 9'-0" AFF	
27 28 29 30 31 32 33 34 35 36	HOLDING CELL HOLDING CELL E-CELL BLOCK - DAY RM B49 PROPERTY STORAGE E-CELL BLOCK - DAY RM B49 WOMEN'S WING CORRIDOR B48 F-CELL BLOCK - DAY RM B55 OUTSIDE CONTROL ROOM	CORNER ANTI-LIGATUR CORNER ANTI-LIGATUR CORNER ANTI-LIGATUR FIXED DOME FIXED DOME FIXED DOME FIXED DOME FIXED DOME FIXED DOME 3-SENSOR FIXED DOME 3-SENSOR FIXED DOME	E INDOOR E INDOOR INDOOR INDOOR INDOOR INDOOR INDOOR INDOOR INDOOR	3 3 4 2 4 4 4 3x3 3x3	YES YES YES	15W POE 15W POE 15W POE 15W POE 15W POE 15W POE 15W POE 30W POE+ 30W POE+	SMOKED SMOKED SMOKED SMOKED	- AVIGILON		- H4A-D0-SMOK1 H4A-D0-SMOK1 H4A-D0-SMOK1 H4A-D0-SMOK1 H4A-D0-SMOK1 H4A-D0-SMOK1 H4A-D0-SMOK1		-		-	ACC7-ENT ACC7-ENT ACC7-ENT ACC7-ENT ACC7-ENT ACC7-ENT	ACC-ENT-SMART-5YR	CORNER SURFACE	PLASTER CLG / CMU WA PLASTER CLG / CMU WA PLASTER CLG / CMU WA CMU BLOCK PLASTER CMU BLOCK METAL DECK CMU BLOCK PLASTER PLASTER PLASTER	LL +/- 9'-0" AFF	
37 38	OUTSIDE CONTROL ROOM HOLDING CELL	3-SENSOR FIXED DOME CORNER ANTI-LIGATUR	E INDOOR	3x3 3	YES	30W POE+ 15W POE	+	- AVIGILON - AVIGILON	9C-H4A-3MH-180 F 3.0C-H5A-CR1-IR-SS	H4AMH-DO-COVR1-SMOKE -	-	-	-		ACC7-ENT ACC7-ENT	ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR	CEILING SURFACE CORNER SURFACE	PLASTER PLASTER CLG / CMU WA	+/- 9'-0" AFF LL +/- 9'-0" AFF	
39 40 41 42 43 44 45 46	HOLDING CELL HOLDING CELL HOLDING CELL HOLDING CELL HOLDING CELL D-CELL BLOCK - DAY RM B27 B-CELL BLOCK - DAY RM B35	CORNER ANTI-LIGATUR CORNER ANTI-LIGATUR CORNER ANTI-LIGATUR CORNER ANTI-LIGATUR CORNER ANTI-LIGATUR CORNER ANTI-LIGATUR FIXED DOME FIXED DOME	E INDOOR E INDOOR E INDOOR E INDOOR E INDOOR INDOOR INDOOR	3 3 3 3 3 4 4	YES YES YES YES YES YES YES YES	15W POE 15W POE 15W POE 15W POE 15W POE 15W POE 15W POE	SMOKED	- AVIGILON	3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS 4.0C-H5A-D01 4.0C-H5A-D01	- - - - - H4A-D0-SMOK1 H4A-D0-SMOK1					ACC7-ENT ACC7-ENT ACC7-ENT ACC7-ENT ACC7-ENT ACC7-ENT ACC7-ENT	ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR	CORNER SURFACE CORNER SURFACE CORNER SURFACE CORNER SURFACE CORNER SURFACE WALL SURFACE WALL SURFACE	PLASTER CLG / CMU WA CMU BLOCK CMU BLOCK	LL +/- 9'-0" AFF +/- 10'-6" AFF +/- 10'-6" AFF	
47 48 49	D-CELL BLOCK - DAY RM B27 MEN'S WING CORRIDOR B26	FIXED DOME FIXED DOME FIXED DOME	INDOOR INDOOR INDOOR	4 4		15W POE 15W POE	SMOKED	- AVIGILON - AVIGILON - AVIGILON	4.0C-H5A-D01 4.0C-H5A-D01 4.0C-H5A-D1	H4A-D0-SMOK1 H4A-D0-SMOK1 H4A-DD-SMOK1	-	-	-		ACC7-ENT	ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR	WALL SURFACE WALL SURFACE CEILING SURFACE	CMU BLOCK CMU BLOCK METAL DECK	+/- 16'-0" AFF +/- 16'-0" AFF +/- 10'-8" AFF	
50 51 52 53 54 55 56 57	EAST MAINTENANCE OUTDOOR HOLDING CELL HOLDING CELL HOLDING CELL F-CELL BLOCK - DAY RM B55 HOLDING CELL	FIXED DOME FIXED DOME 3-SENSOR FIXED DOME CORNER ANTI-LIGATUR CORNER ANTI-LIGATUR CORNER ANTI-LIGATUR FIXED DOME CORNER ANTI-LIGATUR	E INDOOR E INDOOR E INDOOR INDOOR E INDOOR	4 4 3x3 3 3 4 3	YES YES YES YES YES YES YES	15W POE 15W POE 60W POE+- 15W POE 15W POE 15W POE 15W POE 15W POE	SMOKED - CLEAR	- AVIGILON	4.0C-H5A-D01 4.0C-H5A-D01 9C-H4A-3MH-180 3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS 4.0C-H5A-D01 3.0C-H5A-CR1-IR-SS	H4A-D0-SMOK1 H4A-D0-SMOK1 H4AMH-D0-COVR1 H4A-D0-SMOK1	- H4AMH-AD-PEND1 + IRPTZ-MNT-WALL1 + H4-MT-POLE1	- - H4AMH-AD-IRIL1 - - - -	- POE-INJ2-60W-NA - - -	-	ACC7-ENT ACC7-ENT ACC7-ENT ACC7-ENT ACC7-ENT ACC7-ENT	ACC-ENT-SMART-5YR	CORNER SURFACE CORNER SURFACE WALL SURFACE	CMU BLOCK CMU BLOCK STEEL LIGHT POLE PLASTER CLG / CMU WA PLASTER CLG / CMU WA CMU BLOCK PLASTER CLG / CMU WA	LL +/- 9'-0" AFF LL +/- 9'-0" AFF +/- 10'-6" AFF LL +/- 9'-0" AFF	
58 59 60	OUTDOOR WEST REC YARD WEST REC YARD	FIXED DOME FIXED DOME FIXED DOME	OUTDOOR OUTDOOR			15W POE 15W POE 15W POE	SMOKED CLEAR SMOKED	- AVIGILON - AVIGILON - AVIGILON	4.0C-H5A-DP1 4.0C-H5A-DP1 4.0C-H5A-DP1	H4A-DP-SMOK1 H4A-DP-SMOK1 H4A-DP-SMOK1	H4A-MT-WALL1 H4A-MT-WALL1 H4A-MT-WALL1			- - -	ACC7-ENT	ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR	WALL GOOSENECK WALL GOOSENECK WALL GOOSENECK	CMU BLOCK CMU BLOCK	+/- 12'-6" AFF +/- 13'-0" AFF +/- 12'-6" AFF	
61 62 63 64 65 66 67	HOLDING CELL JANITOR / STORAGE JANITOR / STORAGE LAUNDRY LAUNDRY HOLDING CELL	CORNER ANTI-LIGATUR CORNER ANTI-LIGATUR FIXED DOME FIXED DOME FIXED DOME FIXED DOME CORNER ANTI-LIGATUR	INDOOR INDOOR INDOOR INDOOR INDOOR INDOOR	3 3 2 2 2 2 2 3	YES YES YES YES	15W POE 15W POE 15W POE 15W POE 15W POE 15W POE		- AVIGILON	3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS 2.0C-H5A-D1 2.0C-H5A-D1 2.0C-H5A-D1 2.0C-H5A-D1 3.0C-H5A-CR1-IR-SS	H4A-DD-SMOK1 H4A-DD-SMOK1 H4A-DD-SMOK1 H4A-DD-SMOK1 H4A-DD-SMOK1		-		-	ACC7-ENT ACC7-ENT ACC7-ENT ACC7-ENT	ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR	CORNER SURFACE CORNER SURFACE WALL SURFACE WALL SURFACE WALL SURFACE WALL SURFACE CORNER SURFACE	PLASTER CLG / CMU WA PLASTER CLG / CMU WA CMU BLOCK CMU BLOCK CMU BLOCK EXISTING 4 SQ. BOX PLASTER CLG / CMU WA	+/- 8-6" AFF +/- 8-6" AFF +/- 8-6" AFF +/- 8-6" AFF LLL +/- 9-0" AFF	
68 69 70 71	CELL M3 CELL M3	CORNER ANTI-LIGATUR CORNER ANTI-LIGATUR CORNER ANTI-LIGATUR CORNER ANTI-LIGATUR	E INDOOR E INDOOR	3 3	YES YES YES	15W POE 15W POE		- AVIGILON - AVIGILON - AVIGILON	3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS	- - -		-	-	-	ACC7-ENT	ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR	CORNER SURFACE CORNER SURFACE	PLASTER CLG / CMU WA PLASTER CLG / CMU WA PLASTER CLG / CMU WA	LL +/- 9'-0" AFF LL +/- 9'-0" AFF	
72 73 74 75 76 77 78	EXAM EAST REC YARD HOLDING CELL A-CELL BLOCK - DAY RM B15 HOLDING CELL HOLDING CELL	FIXED DOME FIXED DOME CORNER ANTI-LIGATUR FIXED DOME CORNER ANTI-LIGATUR CORNER ANTI-LIGATUR CORNER ANTI-LIGATUR	INDOOR OUTDOOR E INDOOR INDOOR E INDOOR E INDOOR	3 4 3 3 3 3	YES - YES - YES - YES YES YES YES	15W POE 15W POE 15W POE 15W POE 15W POE 15W POE 15W POE	SMOKED SMOKED SMOKED - SMOKED	- AVIGILON	3.0C-H5A-CR1-IR-SS 2.0C-H5A-D1 4.0C-H5A-DP1 3.0C-H5A-CR1-IR-SS 4.0C-H5A-D01 3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS	H4A-DD-SMOK1 H4A-DP-SMOK1 - H4A-D0-SMOK1	- - - H4A-MT-WALL1 - - - -	-	-	-	ACC7-ENT ACC7-ENT ACC7-ENT	ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR	CEILING SURFACE WALL GOOSENECK CORNER SURFACE WALL SURFACE CORNER SURFACE CORNER SURFACE	PLASTER CLG / CMU WA PLASTER CMU BLOCK PLASTER CLG / CMU WA CMU BLOCK PLASTER CLG / CMU WA PLASTER CLG / CMU WA PLASTER CLG / CMU WA	+/- 10'-0" AFF +/- 12'-6" AFF LL +/- 9'-0" AFF +/- 10'-6" AFF LL +/- 9'-0" AFF LL +/- 9'-0" AFF	
79 80	EAST REC YARD HOLDING CELL	FIXED DOME CORNER ANTI-LIGATUR	OUTDOOR E INDOOR	3 3	- YES	15W POE 15W POE	-	- AVIGILON - AVIGILON	4.0C-H5A-DP1 3.0C-H5A-CR1-IR-SS	- H4A-DP-SMOK1 -	H4A-MT-WALL1	-	-		ACC7-ENT ACC7-ENT	ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR	WALL GOOSENECK CORNER SURFACE	CMU BLOCK PLASTER CLG / CMU WA	+/- 12'-6" AFF LL +/- 9'-0" AFF	
81 82 83 84	HOLDING CELL C-CELL BLOCK - DAY RM B23 VISITING INMATE ENTRY	CORNER ANTI-LIGATUR CORNER ANTI-LIGATUR FIXED DOME	E INDOOR INDOOR	3 4	YES YES	15W POE 15W POE 15W POE	- SMOKED	- AVIGILON - AVIGILON - AVIGILON	3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS 4.0C-H5A-D01	H4A-D0-SMOK1		-	-	-	ACC7-ENT	ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR	CORNER SURFACE WALL SURFACE	PLASTER CLG / CMU WA PLASTER CLG / CMU WA CMU BLOCK		
85 86 87		FIXED DOME FIXED DOME FIXED DOME FIXED DOME	INDOOR INDOOR INDOOR INDOOR	2 2 2	-	15W POE 15W POE	SMOKED	- AVIGILON - AVIGILON - AVIGILON	2.0C-H5A-D1 2.0C-H5A-D1 2.0C-H5A-D1 2.0C-H5A-D1	H4A-DD-SMOK1 H4A-DD-SMOK1 H4A-DD-SMOK1 H4A-DD-SMOK1		-		- - -	ACC7-ENT ACC7-ENT	ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR	WALL SURFACE CEILING SURFACE CEILING SURFACE WALL SURFACE	CMU BLOCK PLASTER GYPBOARD GYPBOARD	+/- 9'-0" AFF +/- 9'-0" AFF +/- 8-6" AFF	
88 89 90 91 92 93	INTERVIEW INTERVIEW MULTIPURPOSE	CORNER ANTI-LIGATUR FIXED DOME FIXED DOME FIXED DOME FIXED DOME FIXED DOME FIXED DOME	E INDOOR INDOOR INDOOR INDOOR INDOOR INDOOR	3 2 2 2 2 2	YES	15W POE 15W POE 15W POE 15W POE 15W POE	SMOKED SMOKED SMOKED	- AVIGILON - AVIGILON - AVIGILON - AVIGILON - AVIGILON - AVIGILON	3.0C-H5A-CR1-IR-SS 2.0C-H5A-D1 2.0C-H5A-D1 2.0C-H5A-D1 2.0C-H5A-D1 2.0C-H5A-D1	- H4A-DD-SMOK1 H4A-DD-SMOK1 H4A-DD-SMOK1 H4A-DD-SMOK1 H4A-DD-SMOK1	- - - - - -				ACC7-ENT ACC7-ENT ACC7-ENT	ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR	CORNER EILING CORNER WALL SURFACE CEILING SURFACE CEILING SURFACE CEILING SURFACE CEILING SURFACE CEILING SURFACE	ELEV CAB PLASTER PLASTER PLASTER PLASTER PLASTER PLASTER	+/- 7'-6" AFF +/- 8-6" AFF +/- 9'-0" AFF +/- 9'-0" AFF +/- 9'-0" AFF +/- 9'-0" AFF	
94 95 96	NURSE'S OFFICE VIDEO ARRAIGNMENT	FIXED DOME FIXED DOME FIXED DOME	INDOOR INDOOR INDOOR	2 2	-	15W POE 15W POE 15W POE	SMOKED SMOKED	- AVIGILON - AVIGILON - AVIGILON	2.0C-H5A-D1 2.0C-H5A-D1 4.0C-H5A-D01	H4A-DD-SMOK1 H4A-DD-SMOK1 H4A-D0-SMOK1				-	ACC7-ENT	ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR	CEILING SURFACE CEILING SURFACE CEILING SURFACE	PLASTER PLASTER PLASTER	+/- 9'-0" AFF +/- 9'-0" AFF +/- 9'-0" AFF	
97 98 99 100 101 102 103 104 105	DRY STORAGE FREEZER COLD STORAGE JANITOR KITCHEN KITCHEN DELIVERY PORT	3-SENSOR FIXED DOME FIXED DOME FIXED DOME FIXED DOME CORNER ANTI-LIGATUR FIXED DOME FIXED DOME FIXED DOME FIXED DOME FIXED DOME	OUTDOOR INDOOR INDOOR INDOOR	3X3 2 2 2 2 3 2 2 2 2 2	YES YES	60W POE++ 15W POE	CLEAR SMOKED SMOKED SMOKED SMOKED SMOKED SMOKED SMOKED	- AVIGILON	9C-H4A-3MH-270 2.0C-H5A-D01 2.0C-H5A-D01 2.0C-H5A-D01 3.0C-H5A-CR1-IR-SS 2.0C-H5A-D1 2.0C-H5A-D1 2.0C-H5A-D1 2.0C-H5A-D1	H4AMH-DO-COVR1 H4A-D0-SMOK1 H4A-D0-SMOK1 H4A-D0-SMOK1 - H4A-DD-SMOK1 H4A-DD-SMOK1 H4A-DD-SMOK1 H4A-DD-SMOK1 H4A-DD-SMOK1	H4AMH-AD-PEND1 + IRPTZ-MNT-WALL1 + H4-MT-CRNR1	H4AMH-AD-IRIL1	POE-INJ2-60W-NA		ACC7-ENT ACC7-ENT ACC7-ENT ACC7-ENT ACC7-ENT ACC7-ENT ACC7-ENT ACC7-ENT	ACC-ENT-SMART-5YR	CORNER CORNER CEILING SURFACE CEILING SURFACE CEILING SURFACE CORNER SURFACE CEILING SURFACE CEILING SURFACE CEILING SURFACE CEILING SURFACE CEILING SURFACE CEILING SURFACE	PLASTER INSULATED PANEL INSULATED PANEL PLASTER PLASTER PLASTER PLASTER PLASTER PLASTER PLASTER PLASTER PLASTER		
106 107 108 109 110 111 112 113 114	HOLDING CELL	3-SENSOR FIXED DOME CORNER ANTI-LIGATUR	E INDOOR	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	YES	60W POE+- 15W POE	- CLEAR	- AVIGILON - AVIGILON - AVIGILON	9C-H4A-3MH-270 3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS	H4AMH-DO-COVR1	H4AMH-AD-PEND1 + IRPTZ-MNT-WALL1 + H4-MT-CRNR1	+44AMH-AD-IRIL1	POE-INJ2-60W-NA	-	ACC7-ENT ACC7-ENT ACC7-ENT ACC7-ENT ACC7-ENT ACC7-ENT	ACC-ENT-SMART-5YR	CORNER SURFACE	SPLIT FACE CMU BLOCK PLASTER CLG / CMU WA	LL +/- 12'-0" AFF	
115 116 117	CORRIDOR HOLDING ROOM HOLDING ROOM	FIXED DOME FIXED DOME FIXED DOME	INDOOR INDOOR INDOOR	2 2 2		15W POE 15W POE 15W POE	SMOKED	- AVIGILON YES AVIGILON YES AVIGILON	2.0C-H5A-D1 2.0C-H5A-D1 2.0C-H5A-D1	H4A-DD-SMOK1 H4A-DD-SMOK1 H4A-DD-SMOK1	- - -			ACC-MIC + CM-AC-AVIO1 ACC-MIC + CM-AC-AVIO1	ACC7-ENT	ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR	CEILING SURFACE CEILING SURFACE CEILING SURFACE	PLASTER PLASTER PLASTER	+/- 9'-0" AFF +/- 9'-0" AFF +/- 9'-0" AFF	
118 119 120 121 122 123 124	COURT ROOM HOLDING CORRIDOR HOLDING CELL HOLDING CELL HOLDING CELL HOLDING CELL HOLDING CELL HOLDING CELL	FIXED DOME FIXED DOME CORNER ANTI-LIGATUR CORNER ANTI-LIGATUR CORNER ANTI-LIGATUR CORNER ANTI-LIGATUR CORNER ANTI-LIGATUR	E INDOOR E INDOOR E INDOOR E INDOOR	2 3 3 3 3 3	YES YES YES YES	15W POE 15W POE 15W POE 15W POE 15W POE	SMOKED - -	- AVIGILON - AVIGILON - AVIGILON - AVIGILON	2.0C-H5A-D1 2.0C-H5A-D1 3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS	H4A-DD-SMOK1 H4A-DD-SMOK1	- - - - - - - -	-			ACC7-ENT ACC7-ENT ACC7-ENT ACC7-ENT ACC7-ENT ACC7-ENT	ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR	CORNER SURFACE CORNER SURFACE CORNER SURFACE CORNER SURFACE	PLASTER PLASTER CLG / CMU WA	LL +/- 12'-0" AFF LL +/- 12'-0" AFF LL +/- 12'-0" AFF LL +/- 12'-0" AFF	
125 126 127	HOLDING CELL HOLDING CELL	CORNER ANTI-LIGATURI CORNER ANTI-LIGATURI CORNER ANTI-LIGATURI	E INDOOR E INDOOR	3 3		15W POE 15W POE		- AVIGILON - AVIGILON	3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS	- - -	- - -	- - -	- - -		ACC7-ENT	ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR	CORNER SURFACE CORNER SURFACE	PLASTER CLG / CMU WA PLASTER CLG / CMU WA PLASTER CLG / CMU WA	LL +/- 12'-0" AFF LL +/- 12'-0" AFF	
128 129 130 131 132 133 134	HOLDING CELL HOLDING CELL HOLDING CELL HOLDING CELL HOLDING CELL	CORNER ANTI-LIGATUR CORNER ANTI-LIGATUR CORNER ANTI-LIGATUR CORNER ANTI-LIGATUR CORNER ANTI-LIGATUR CORNER ANTI-LIGATUR FIXED DOME	E INDOOR E INDOOR E INDOOR E INDOOR	3 3 3 3 3 3 4	YES YES YES YES	15W POE 15W POE 15W POE 15W POE 15W POE 15W POE		- AVIGILON - AVIGILON - AVIGILON	3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR1-IR-SS 4.0C-H5A-D1	- - - - - - H4A-DD-SMOK1	- - - - - - -	- - - - -	- - - - - -	-	ACC7-ENT ACC7-ENT ACC7-ENT ACC7-ENT	ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR	CORNER SURFACE CORNER SURFACE CORNER SURFACE CORNER SURFACE	PLASTER CLG / CMU WA PLASTER	LL +/- 12'-0" AFF LL +/- 12'-0" AFF LL +/- 12'-0" AFF LL +/- 12'-0" AFF	
135 136 137	OUTSIDE CONTROL ROOM	FIXED DOME 3-SENSOR FIXED DOME FIXED DOME	INDOOR	2 3x3 4		15W POE 30W POE+		YES AVIGILON - AVIGILON - AVIGILON	2.0C-H5A-D1 9C-H4A-3MH-180 4.0C-H5A-D01	H4A-DD-SMOK1 H4AMH-DO-COVR1-SMOKE H4A-D0-SMOK1	- - -		- - -	ACC-MIC + CM-AC-AVIO1	ACC7-ENT ACC7-ENT	ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR ACC-ENT-SMART-5YR	CEILING SURFACE CEILING SURFACE CEILING SURFACE	PLASTER PLASTER PLASTER	+/- 9'-0" AFF +/- 9'-0" AFF +/- 9'-0" AFF	
138	PROCESSING	FIXED TERMAL BULLET	INDOOR	-	-	15W POE	-	- AVIGILON	H4A-ETD-KIT	-	-	-	-	-	ACC7-ENT	ACC-ENT-SMART-5YR	WALL SURFACE	CMU BLOCK	+/- 8'-0" AFF	

	SPARE CAMERAS												
QTY OF SPARES	CAMERA TYPE	INDOOR / OUTDOOR	MP	IR	DOME COVER	MFG	CAMERA PART #	DOME COVER	OTHER				
2	FIXED DOME	INDOOR	2	-	SMOKED	AVIGILON	2.0C-H5A-D1	H4A-DD-SMOK1					
1	FIXED DOME	OUTDOOR	2	YES	CLEAR	AVIGILON	2.0C-H5A-D01-IR	H4A-DP-CLER1	-				
2	CORNER ANTI-LIGATURE	INDOOR	3	YES	-	AVIGILON	3.0C-H5A-CR1-IR-SS	-	-				
1	3-SENSOR FIXED DOME	INDOOR	3 x 3	-	SMOKED	AVIGILON	9C-H4A-3MH-180	H4AMH-DO-COVR1-SMOKE	-				
1	4-SENSOR FIXED DOME	OUTDOOR	4 x 3	YES	CLEAR	AVIGILON	12C-H4A-4MH-360	H4AMH-DO-COVR1	H4AMH-AD-IRIL1				



	NETWORK VIDEO RECORDER SCHEDULE										
NVR#	STORAGE		MFG PART #	ACCESSORIES (10G							
INVIX#	CAPACITY	WIFG	WITG FART#	COPPER NETWORK CABLE							
1	217TB	AVIGILON (DELL OEM)	NVR4X-PRM-217TB-NA	HD-NVR4-SFPPLUS-DA							
2	217TB	AVIGILON (DELL OEM)	NVR4X-PRM-217TB-NA	HD-NVR4-SFPPLUS-DA							

NETWORK VIDEO RECORDER SCHEDULE TS0.2 SCALE: NONE

VIDEO WALL WORKSTATION SCHEDULE											
WORKSTATION #	MONITORS	WORKSTATION MFG	WORKSTATION PART #	ACCESSORIES - EXT WARRANTY							
1	2	AVIGILON (DELL OEM)	RM5-WKS-4MN-NA	NVR-WKS-WARR-EXTEND-2YR							
2	2	AVIGILON (DELL OEM)	RM5-WKS-4MN-NA	NVR-WKS-WARR-EXTEND-2YR							
3	2	AVIGILON (DELL OEM)	RM5-WKS-4MN-NA	NVR-WKS-WARR-EXTEND-2YR							
4	2	AVIGILON (DELL OEM)	RM5-WKS-4MN-NA	NVR-WKS-WARR-EXTEND-2YR							

CONTROL RM WORKSTATION SCHEDULE TS0.2 SCALE: NONE

				NE	TWORK SWI	TCH SC	HEDUL	E		
SWITCH #	PORTS	PORT SPEED	POE++ 60W PORTS	POE+ 30W PORTS	TOTAL POWER BUDGET	10G COPPER PORTS	SFP+ PORTS	SWITCH MFG	SWITCH MFG PART #	SWITCH STACKING CABLE PART #
1	24	10/100/1000	8	16	382 WATTS	2	2	CISCO	SG550X-24MP-K9-NA	SFP-H10GB-CU3M
2	24	10/100/1000	8	16	382 WATTS	2	2	CISCO	SG550X-24MP-K9-NA	SFP-H10GB-CU1M
3	24	10/100/1000	8	16	382 WATTS	2	2	CISCO	SG550X-24MP-K9-NA	SFP-H10GB-CU1M
4	24	10/100/1000	8	16	382 WATTS	2	2	CISCO	SG550X-24MP-K9-NA	SFP-H10GB-CU1M
5	24	10/100/1000	8	16	382 WATTS	2	2	CISCO	SG550X-24MP-K9-NA	SFP-H10GB-CU1M
6	24	10/100/1000	8	16	382 WATTS	2	2	CISCO	SG550X-24MP-K9-NA	SFP-H10GB-CU1M
7	24	10/100/1000	8	16	382 WATTS	2	2	CISCO	SG550X-24MP-K9-NA	SFP-H10GB-CU1M
Q QDADE	24	10/100/1000	Ω	16	383 M/V TTC	2	2	CISCO	SCEEDY SAME KO NA	SED HINGD CHIM

NETWORK SWITCH SCHEDULE TS0.2 SCALE: NONE

CONTROL ROOM MONITOR SCHEDULE										
MONITOR	SIZE (DIAGONAL)	MFG	MONITOR PART #	MOUNT TYPE	MOUNT MFG	CEILING MOUNT PART #				
1	43"	SAMSUNG	QB43R	CEILING	CHIEF	LCM1U + CMS012018 + CMA115				
2	43"	SAMSUNG	QB43R	CEILING	CHIEF	LCM1U + CMS012018 + CMA115				
3	43"	SAMSUNG	QB43R	CEILING	CHIEF	LCM1U + CMS012018 + CMA115				
4	43"	SAMSUNG	QB43R	CEILING	CHIEF	LCM1U + CMS012018 + CMA115				
5	43"	SAMSUNG	QB43R	CEILING	CHIEF	LCM1U + CMS012018 + CMA115				
6	43"	SAMSUNG	QB43R	CEILING	CHIEF	LCM1U + CMS012018 + CMA115				
7	24"	DELL	P2422H	DESKTOP	N/A	N/A				
8	24"	DELL	P2422H	DESKTOP	N/A	N/A				

CONTROL ROOM MONITOR SCHEDULE TS0.2 SCALE: NONE

	EQUIPMENT CABINET UPS SCHEDULE											
U	PS	SIZE	INPUT	ОИТРИТ	MFG	MFG PART #	ACCESSORIES - IP MGT MODULE					
	1	2,200 VA	120VAC	120VAC	APC	SMT2200RM2U	AP9630					
	2	2,200 VA	120VAC	120VAC	APC	SMT2200RM2U	AP9630					

EQUIPMENT CABINET UPS SCHEDULE TS0.2 SCALE: NONE

CONTROL ROOM UPS SCHEDULE						
UPS	SIZE	INPUT	ОИТРИТ	MFG	MFG PART#	ACCESSORIES - IP MGT MODULE
1	1,500VA	120VAC	120VAC	APC	SMT1500C	N/A
2	1,500VA	120VAC	120VAC	APC	SMT1500C	N/A

CONTROL ROOM UPS SCHEDULE TS0.2 SCALE: NONE





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CAMERA AND EQUIPMENT SCHEDULES

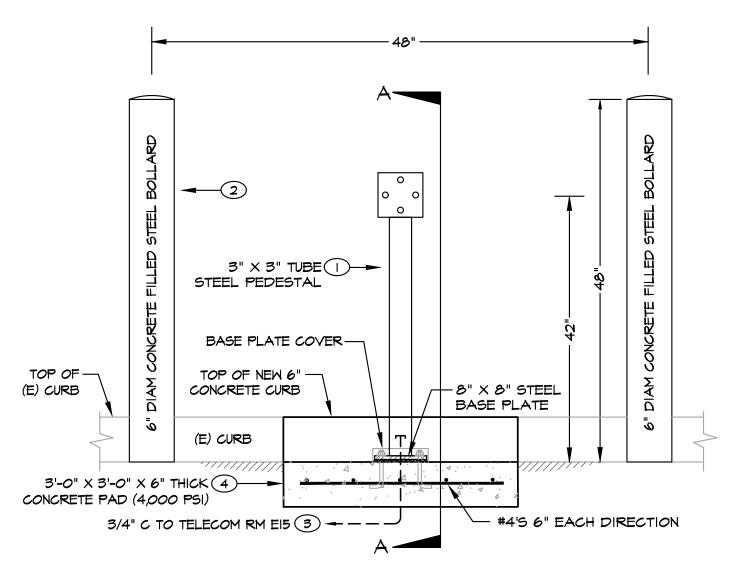
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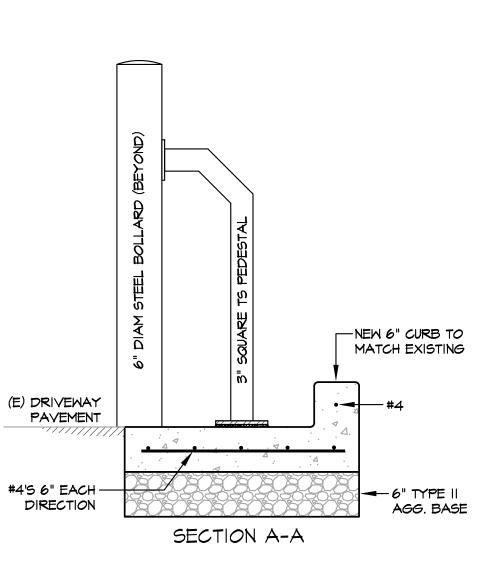
TS0.2

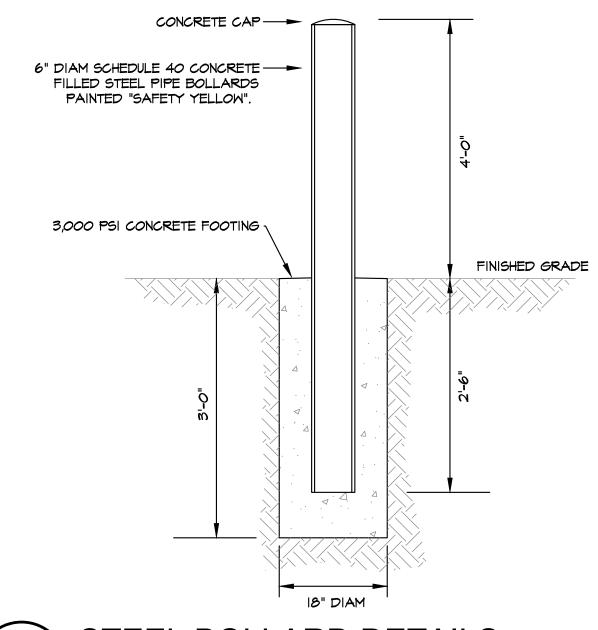
VIDEO SURVEILLANCE ONELINE SHEET NOTES

- 1 48-PORT CAT 6 PATCH PANEL (SEE B/TSO.6).
- 2 3'-0" CAT 6 PATCH CORD TO CROSS CONNECT CAMERAS AND NETWORK DROPS TO POE+ SWITCHES (SEE B/TO.6). FURNISH QTY (I) 3'-O" PATCH COLOR FOR EACH CAT 6 CAMERA AND DATA OUTLET CABLE
- 3 | 3 METER 10G SFP+ TWINAX CABLE TO CONNECT NVR'S TO POE+ SWITCHES. SEE C/TSO.6.
- 24-PORT POE+ SWITCHES WITH REAR IOG STACKING CABLES. SEE TSO.2 FOR SWITCH AND STACKING CABLE SPECIFICATIONS. SEE B,C/TSO.6 FOR CABLING AND MOUNTING REQUIREMENTS.
- (5) NETWORK VIDEO RECORDERS (NVR'S). SEE TSO.2 FOR NVR SPECIFICATIONS. SEE B,C/TSO.6 FOR CABLING AND MOUNTING REQUIREMENTS.
- (6) PLENUM CAT 6 CABLE (CMP). WHERE CABLES ARE ROUTED IN UNDERGROUND OR UNDER SLAB DUCTS, PROVIDE RISER RATED INDOOR/OUTDOOR RATED CABLING (CMR/CMX).
- 7 TERMINATE CAT 6 CABLE AT CAMERAS ON CAT 6 FIELD MOUNT PLUG (OR CAT 6 JACK WITH PATCH CORD) AND CONNECT TO CAMERA.
- (8) | FURNISH AND INSTALL IP VIDEO SURVEILLANCE CAMERA AND ASSOCIATED MOUNTS/RACEWAY. SEE TSO.2 FOR CAMERA AND MOUNT SPECIFICATIONS.
- 9 DOWNLOAD AND INSTALL THE LATEST FIRMWARE FROM THE MANUFACTURER'S WEBSITE ON ALL CAMERAS AT THE COMPLETION OF THE PROJECT.
- UPS. SEE G,H/TSO.2 FOR REQUIREMENTS.
- (II) POE EXTENDER (VERACITY OUTREACH MAX). SEE CAMERA SCHEDULE FOR QUANTITY. EXTENDERS SHALL ONLY BE INSTALLED IF THE CABLE LENGTH EXCEEDS 295'-O". EXTENDERS SHALL BE INSTALLED NEAR THE MID-SPAN OF THE CABLE AT AN ACCESSIBLE LOCATION. CAT 6 CABLE SHALL BE TAGGED AT THE TERMINATION LOCATION IN THE TELECOM ROOM. TAG SHALL INDICATE THAT AN EXTENDER HAS BEEN INSTALLED AND SHALL PROVIDE THE MOUNTING LOCATION (ROOM NAME) OF THE EXTENDER.
- (12) CEILING MOUNTED 43" DIAGONAL FLAT PANEL DISPLAY. SEE TSO.2 FOR DISPLAY AND MOUNT SPECIFICATIONS.
- (B) CONTROL ROOM VIDEO VIEWING WORKSTATION. INSTALL HDMI CABLING FROM WORKSTATION TO CEILING MOUNTED FLAT PANEL DISPLAYS.
- (14) DESKTOP MOUNTED 24" DIAGONAL FLAT PANEL DISPLAY. SEE TSO.2 FOR DISPLAY SPECIFICATIONS.
- (15) CLIENT CAMERA VIEWING WORKSTATION (TYPICAL OF 6). COMPUTERS AND MONITORS PROVIDED BY OWNER. SEE PLANS FOR LOCATIONS. INSTALL AND CONFIGURE AVIGILON CLIENT SOFTWARE ON EACH
- (16) INSTALL MICROSOFT "GARAGE MOUSE WITHOUT BORDERS" SOFTWARE ON WORKSTATION TO SPAN MOUSE AND KEYBOARD CONTROL ACROSS ALL (4) CONTROL ROOM VIDEO VIEWING WORKSTATIONS.

VIDEO SURVEILLANCE SYSTEM ONELINE DIAGRAM SCALE: NONE





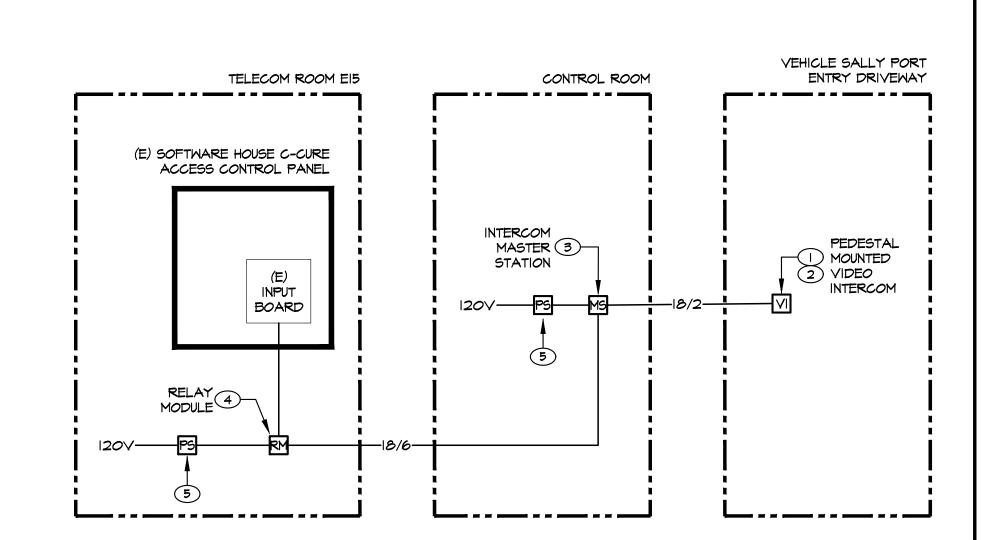




VIDEO INTERCOM PEDESTAL DETAIL TS0.3/ SCALE: NONE

VIDEO INTERCOM PEDESTAL NOTES

- VIDEO INTERCOM PEDESTAL (PEDESTAL PRO 42-3-12).
- 2 | 6" DIAMETER CONCRETE FILLED SCHED 40 STEEL BOLLARD. SEE C/TSO.3 FOR BASE AND EMBEDMENT DEPTH. PAINT BOLLARDS SAFETY YELLOW.
- (3) INSTALL 3/4" UNDERGROUND CONDUIT FROM PEDESTAL TO ACCESSIBLE CEILING SPACE IN VEHICLE SALLY PORT. PROVIDE OUTDOOR RATED CABLE FROM PEDESTAL TO PULL BOX ON EXTERIOR BUILDING. SPLICE TO INDOOR CABLE FROM THAT POINT TO THE CONTROL ROOM.
- 4 4,000 PSI CONCRETE PAD AND 6" CURB. SAWCUT EXISTING CURB AND GUTTER TO ACCOMMODATE NEW CONCRETE PAD. CONTRACTOR TO COORDINATE CONCRETE PAD AND BOLLARD LOCATIONS WITH EXISTING CURB AND GUTTER.





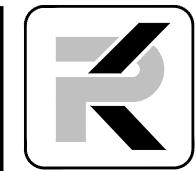
- PEDESTAL MOUNTED VANDAL RESISTANT STAINLESS STEEL VIDEO INTERCOM STATION AT VEHICLE SALLY PORT ENTRANCE DRIVEWAY (AIPHONE P/N JP-DVF).
- PROVIDE IP65 RATED SURFACE MOUNTED BACK FOR MOUNTING OF VIDEO INTERCOM TO READER PEDESTAL (AIPHONE SBX-DVF). SEAL ALL PENETRATIONS AND MAKE WATERTIGHT.
- VIDEO INTERCOM MASTER STATION AT CONTROL ROOM (AIPHONE P/N JP-4MED).

VIDEO INTERCOM ONELINE

TS0.3/

SCALE: NONE

- 3-DOOR RELAY MODULE (AIPHONE P/N RY-3DL). INSTALL 18/6 CABLE FROM MASTER STATION TO RELAY MODULE IN TELECOM ROOM EI5. CONNECT RELAY MODULE OUTPUTS TO EXISTING DOOR ACCESS CONTROL SYSTEM INPUTS. PROGRAM UNLOCK BUTTON ON MASTER STATION TOUCH SCREEN TO SEND OUTPUT TO DOOR ACCESS CONTROL SYSTEM TO OPEN VEHICLE SALLY PORT ROLL-UP DOOR.
- (5) 120VAC TO 24VDC POWER SUPPLY (AIPHONE P/N PS-2420UL).



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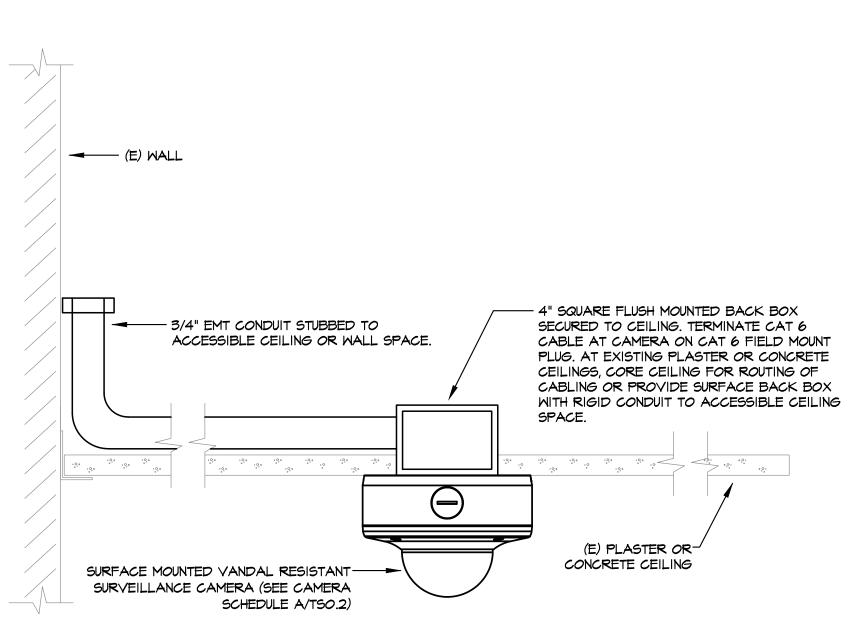
VIDEO SURVEILLANCE

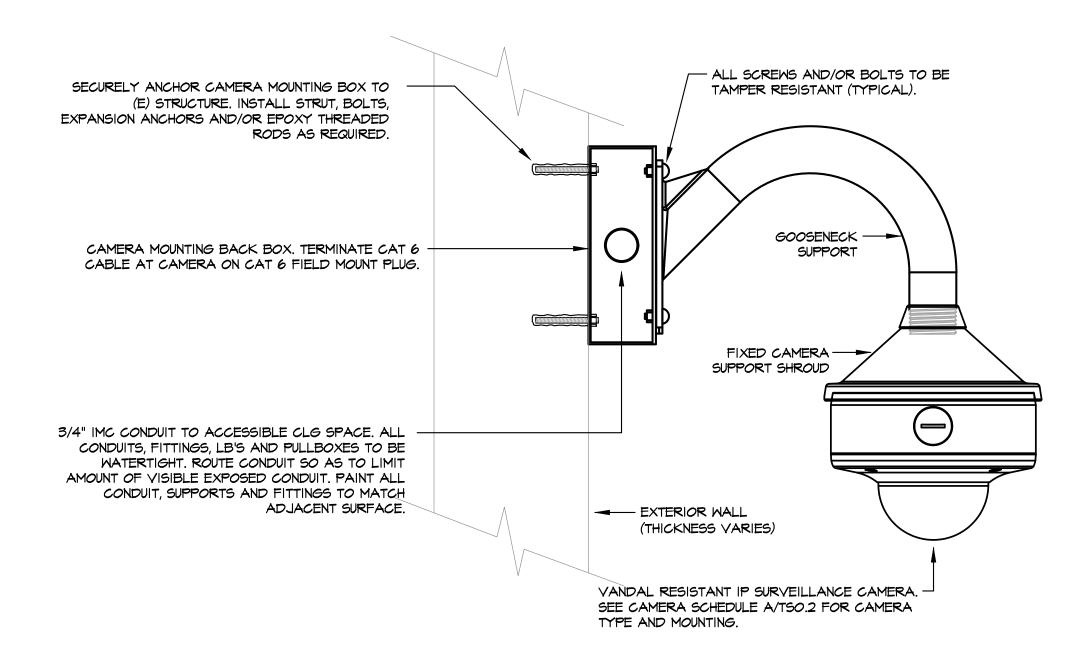
SYSTEM ONELINE DIAGRAMS

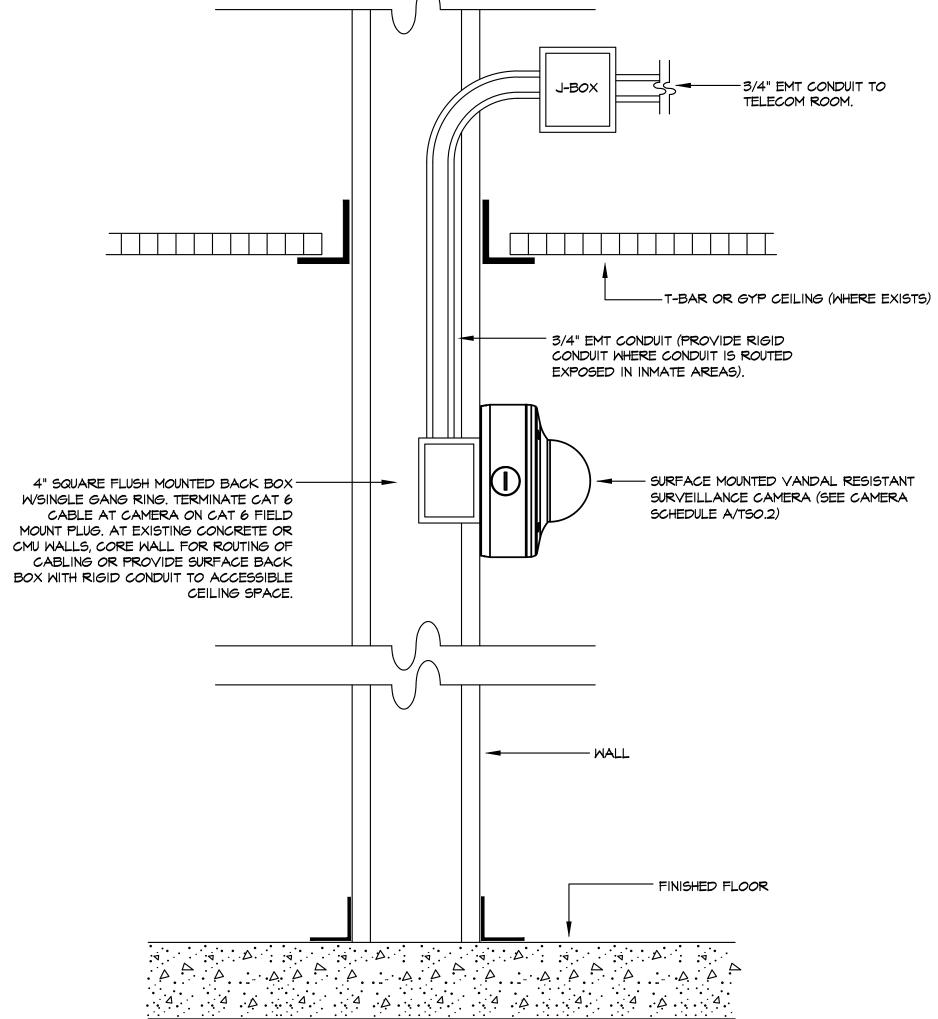
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SECURELY MOUNT NEMA 4X BOX TO — LIGHT POLE WITH POLE MOUNT ADAPTER.

3/4" RIGID CONDUIT ROUTED ON LIGHT -POLE WITH CAT 6 CABLE TO TELECOM

CAMERA ON CAT 6 FIELD MOUNT PLUG.

RM (TYPICAL FOR ALL POLE MOUNT

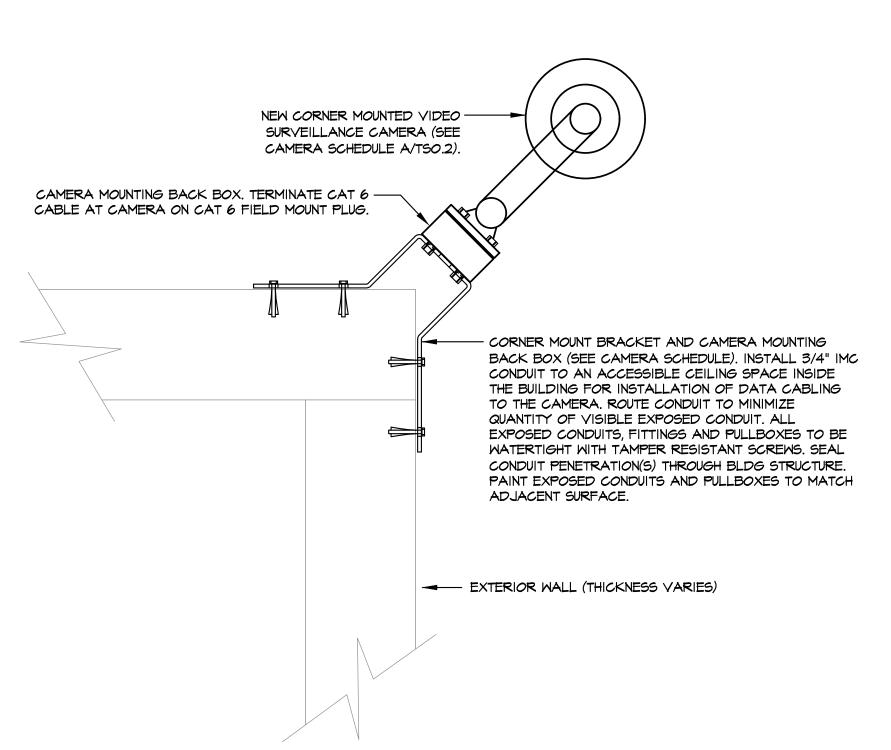
CAMERAS). TERMINATE CABLE AT

INDOOR/OUTDOOR RATED CAT 6 CABLE ----

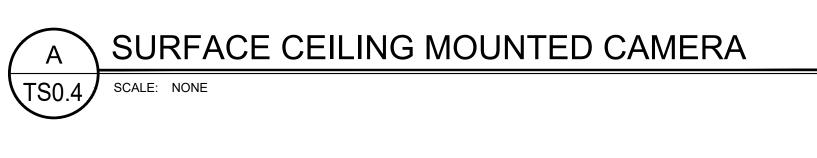
EXTERIOR LIGHT TOWER (SEE ELECTRICAL DRAWINGS).

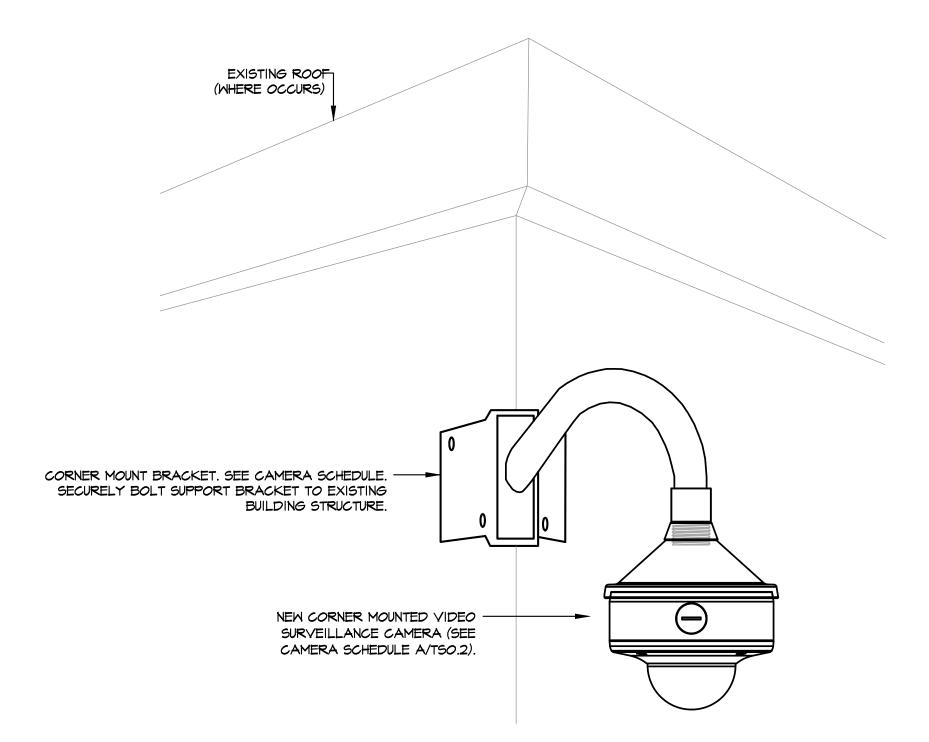
TAMPER RESISTANT

OUTDOOR POE VANDAL RESISTANT DOME CAMERA DOME WITH IR.

















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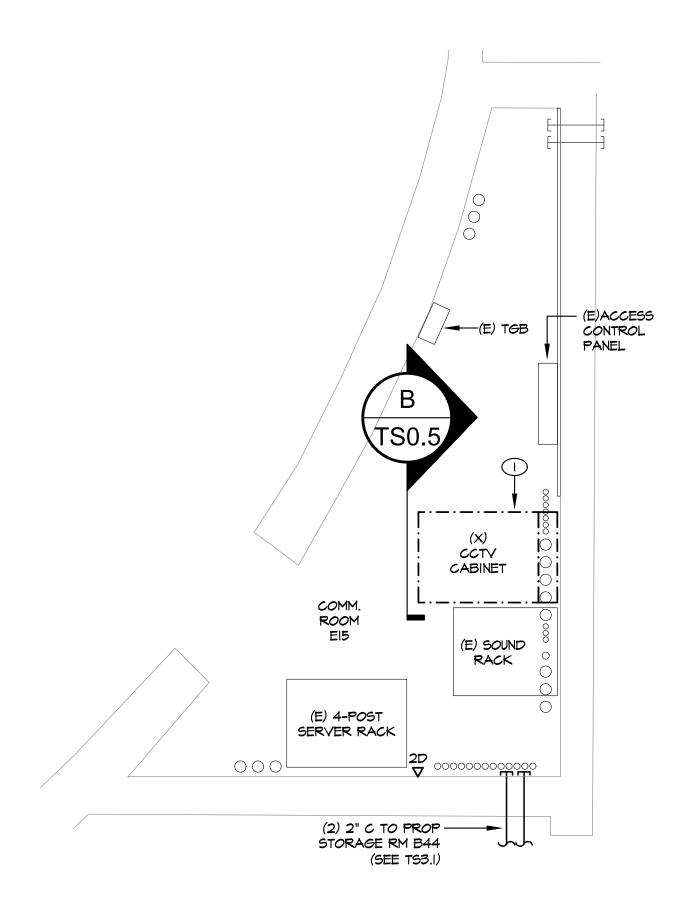
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SHEET TITLE CAMERA MOUNTING DETAILS

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ENLARGED COMM ROOM E15

TS0.5

SCALE: 1/2" = 1'-0"

(X) CCTV CABINET ()-(X) 2RU BLANK PANEL (X) 2RU UPS (X) IRU BLANK PANEL (X) IRU PDU r-----(X) MONITOR L-----RELOCATE -(X) 2RU NVR RELOCATE -(X) 2RU NVR -----RELOCATE -(X) 2RU NVR -----RELOCATE -(X) 2RU NVR -----RELOCATE -(X) 2RU NVR (X) RACK

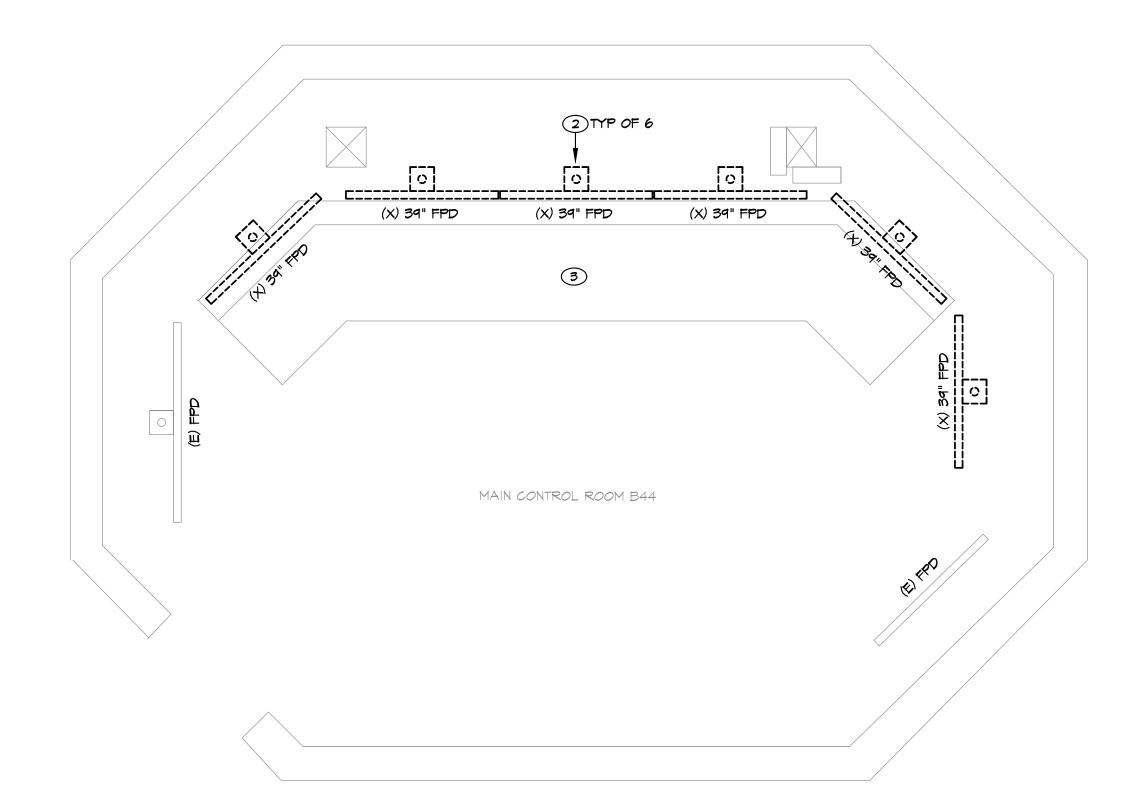
GENERAL NOTES

- THE EXISTING CAMERA SYSTEM MUST REMAIN OPERATIONAL UNTIL THE NEW CAMERA SYSTEM IS INSTALLED AND ONLINE. SEE TSO, I FOR PHASING REQUIREMENTS.
- 2. THE EXISTING CCTV SYSTEM IS TO BE REMOVED IN ITS ENTIRETY AT THE COMPLETION OF THE PROJECT INCLUDING ALL CAMERAS, EQUIPMENT AND CABLING.

SHEET NOTES

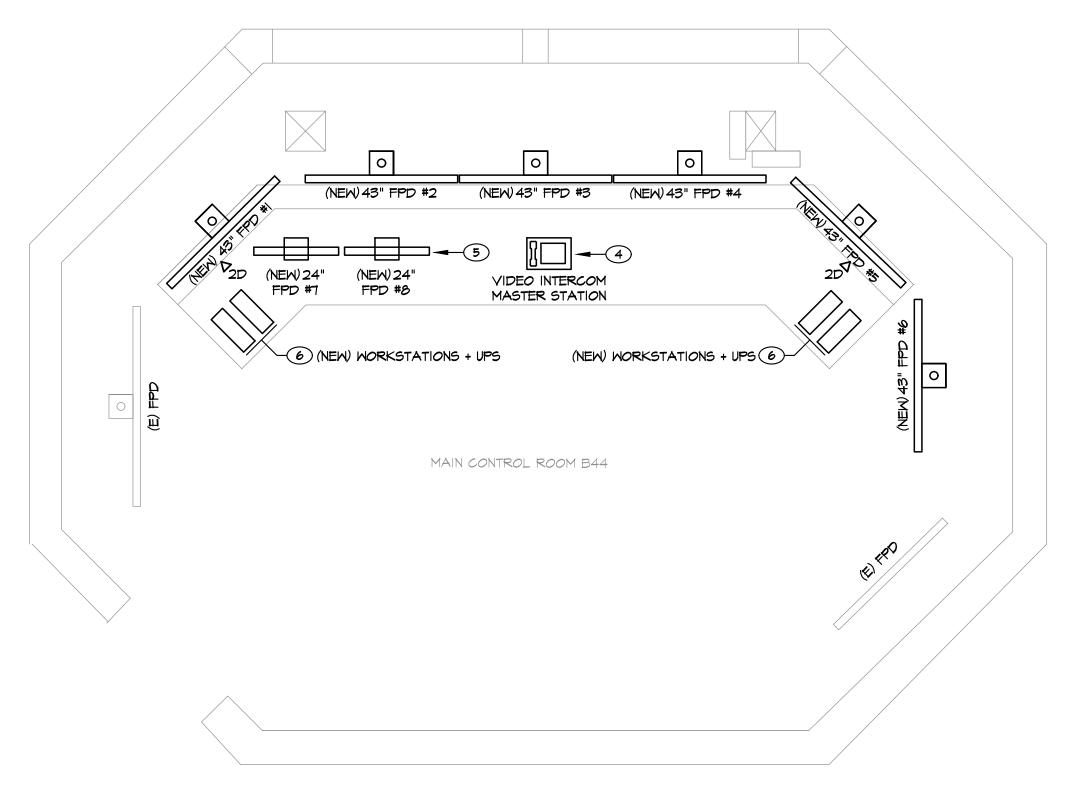
- DEMO EXISTING WALL MOUNTED CCTV CABINET, EQUIPMENT AND RELATED CABLING.
- 2 DEMO EXISTING CEILING MOUNTED MONITORS, SUPPORTS AND CABLES.
- 3 DEMO VIDEO VIEWING WORKSTATIONS LOCATED IN CONTROL ROOM DESK CONSOLE.
- 4 COORDINATE VIDEO INTERCOM MOUNTING LOCATION WITH DOUGLAS COUNTY JAIL STAFF.
- 5 COORDINATE DESKTOP MONITOR MOUNTING LOCATION WITH DOUGLAS COUNTY JAIL STAFF.
- 6 VIDEO VIEWING WORKSTATIONS. SEE A/TSO.3 FOR ADDITIONAL REQUIREMENTS. COORDINATE MOUNTING LOCATION BELOW CONTROL ROOM DESK WITH EXISTING EQUIPMENT. PROVIDE CAT 6 NETWORK DROP FOR EACH WORKSTATION (SEE FLOOR PLAN TS3.1 FOR DATA REQUIREMENTS).













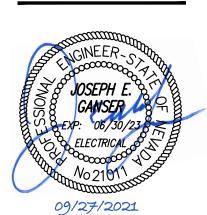


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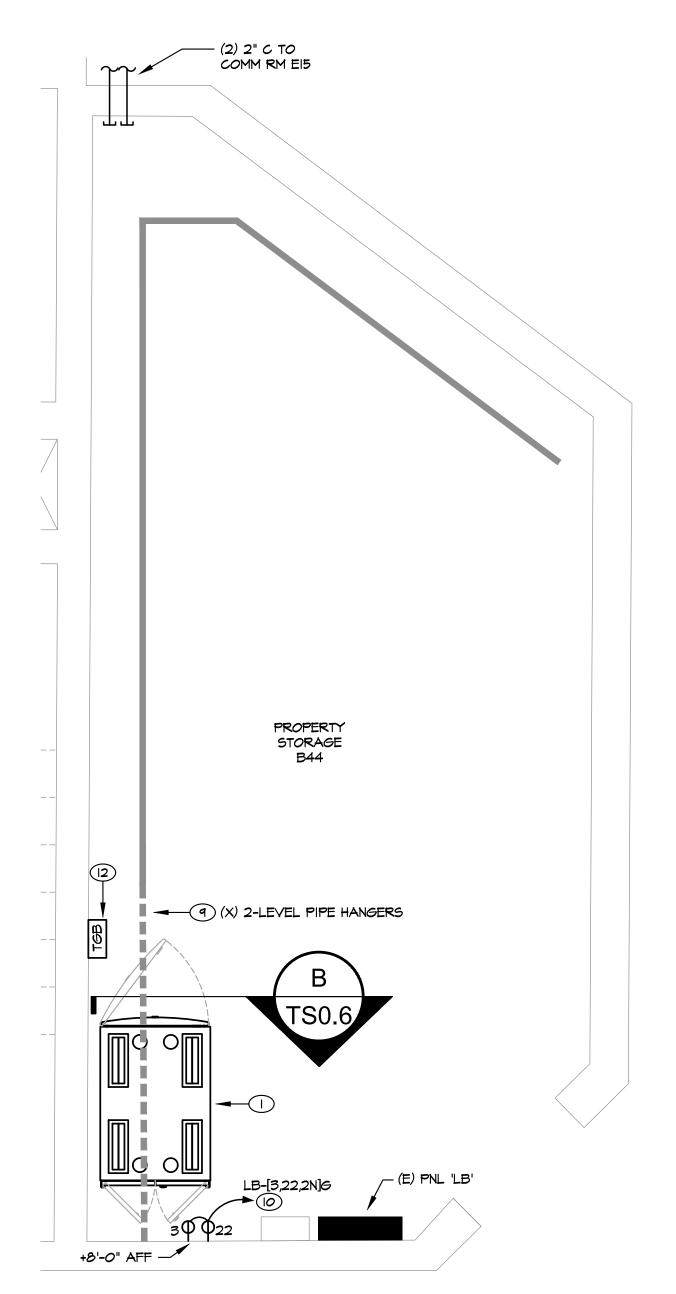
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SHEET TITLE ENLARGED TELECOM ROOM AND EQUIPMENT RACK ELEVATIONS

09/27/21 21065

TS0.5





- THE EXISTING CAMERA SYSTEM MUST REMAIN OPERATIONAL UNTIL THE NEW CAMERA SYSTEM IS INSTALLED AND ONLINE.
- 2. THE EXISTING CCTV SYSTEM IS TO BE REMOVED IN ITS ENTIRETY AT THE COMPLETION OF THE PROJECT INCLUDING ALL CAMERAS, EQUIPMENT AND CABLING.

SHEET NOTES

- 82.6" HIGH X 27.6" WIDE X 43.3" DEEP, 45RU EQUIPMENT CABINET WITH LOCKABLE PERFORATED FRONT AND REAR DOORS. BOLT CABINET TO CONCRETE FLOOR WITH QTY (4) 1/2" DIAMETER CONCRETE EXPANSION ANCHORS WITH MINIMUM 3 1/2" EMBEDMENT DEPTH.
- 2 BOND EQUIPMENT CABINET TO GROUND BAR WITH #6 AWG GREEN INSULATED BONDING CONDUCTOR.
- (3) 2RU 48-PORT CAT 6 PATCH PANEL.
- (4) INSTALL QTY (I) 3'-0" CAT 6 PATCH CORD FOR EACH CAT 6 CABLE DROP TO CROSS-CONNECT CAT 6 PATCH PANEL PORTS TO NETWORK SWITCHES.
- 5 | IRU 24-PORT POE+ SWITCH (SEE E/TSO.2 FOR REQUIREMENTS). INSTALL IOG SFP+ SWITCH STACKING CABLE (SEE DETAIL C/TSO.6 FOR IOG SWITCH STACKING REQUIREMENTS).
- (6) 2RU NETWORK VIDEO RECORDER (NVR). CONNECT EACH NVR TO NETWORK SWITCH WITH 10G SFP+ CABLE (SEE C/TSO.6). PROVIDE RACK RAIL MOUNTING KIT WITH EACH SERVER.
- (7) 2RU 2,200VA UPS. CONNECT EACH UPS TO SEPARATE DEDICATED 20A CKT. PROVIDE RACK RAIL MOUNTING KIT WITH EACH UPS.
- 8 | IRU METAL BLANKING PANEL.
- 9 CUT AND REMOVE EXISTING PIPE HANGERS (CLOTHING PIPE HANGERS) TO ACCOMMODATE EQUIPMENT CABINET LOCATION. RELOCATE EXISTING PIPE HANGER TRIANGULAR KNEE BRACE SUPPORTS AS REQUIRED. PROVIDE THREADED PIPE CAPS ON CUT PIPE ENDS.
- O CONNECT TO EXISTING SPARE 20/1 BREAKERS AT SPACES INDICATED. UPDATE PANEL SCHEDULE TO INDICATE EACH CIRCUIT AS "CCTV RACK".
- ONNECT NVR #1 AND SWITCHES #1-3 TO UPS #1. CONNECT NVR #2 AND SWITCHES #4-7 TO UPS
- 2" HIGH X 12" WIDE X 1/4" THICK COPPER TELECOM BUS BAR WITH INSULATED STAND OFFS. MOUNT BUS BAR +/- &'-O" AFF. INSTALL #3/O AWG GREEN INSULATED BONDING CONDUCTOR FROM NEW GROUND BAR TO EXISTING GROUND BAR IN TELECOM ROOM EI5 (SEE A/TSO.5 FOR LOCATION). INSTALL #3/O AWG GREEN INSULATED BONDING CONDUCTOR FROM NEW GROUND BAR TO ELECTRICAL PANEL 'LB' GROUND. INSTALL #6 AWG GREEN INSULATED BONDING CONDUCTORS FROM GROUND BAR TO EQUIPMENT CABINET AND LIGHTING PROTECTION MODULES FOR POLE MOUNTED CAMERAS.

ENCLOSED EQUIP CABINET ELEVATION SCALE: 1/2" = 1'-0"

EQUIP CABINET ()-

24-PORT POE+ SWITCH #I

24-PORT POE+ SWITCH #2

24-PORT POE+ SWITCH #3

24-PORT POE+ SWITCH #4

24-PORT POE+ SWITCH #5

24-PORT POE+ SWITCH #6

24-PORT POE+ SWITCH #7

IRU BLANK PANEL

IRU BLANK PANEL

2RU NVR #2

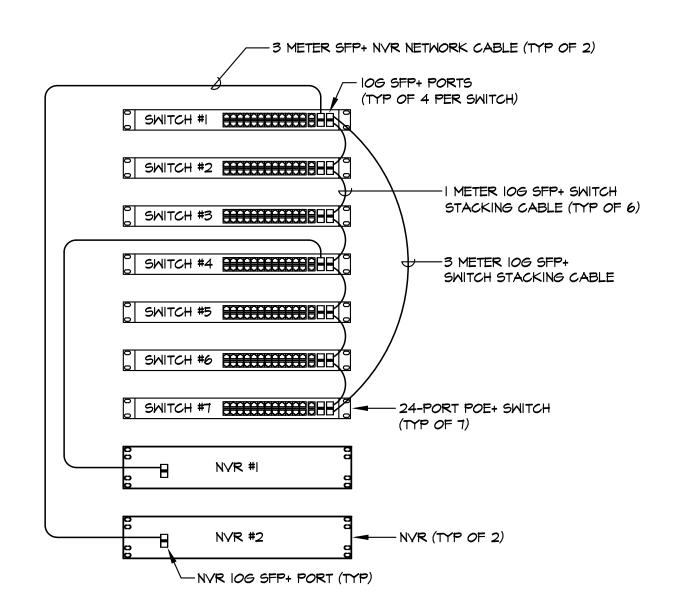
IRU BLANK PANEL

2RU UPS #I

IRU BLANK PANEL

2RU UPS #2

HEAD-END EQUIP CABINET



FINISH FLOOR





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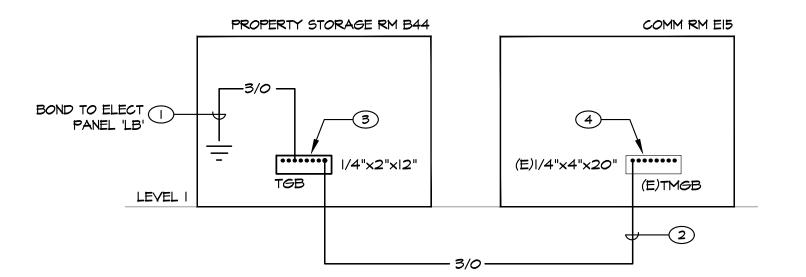
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SHEET TITLE ENLARGED EQUIPMENT ROOM AND RACK ELEVATIONS

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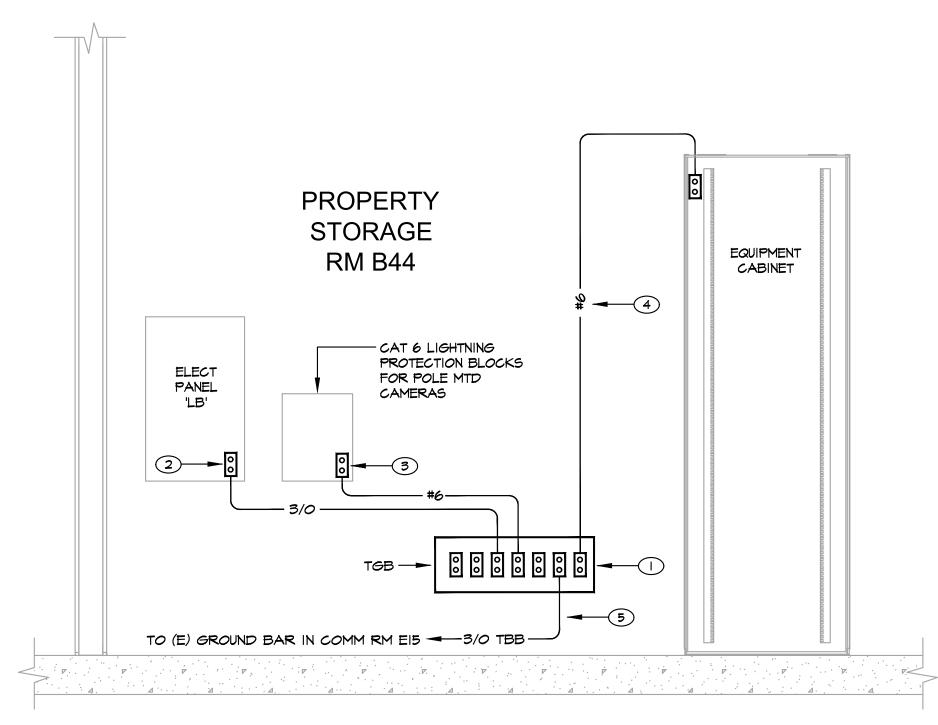
GROUNDING ONELINE DIAGRAM

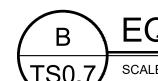
GROUNDING ONELINE GENERAL NOTES

- ALL GROUNDING CONDUCTORS SHALL HAVE GREEN INSULATION. ATTACH GROUNDING CONDUCTORS TO TELECOM BUS BARS WITH 2 HOLE LONG BARREL COMPRESSION LUGS.
- WHERE GROUNDING CONDUCTORS ARE ROUTED IN CONDUIT, INSTALL GROUND BUSHINGS AND BOND THE CONDUIT TO GROUND AT BOTH ENDS.

GROUNDING ONELINE SHEET NOTES

- | #3/0 AWG BONDING CONDUCTOR TO ELECTRICAL PANEL SERVING ROOM (PANEL 'LB').
- 2 #3/0 AWG TELECOM BONDING BACKBONE CONDUCTOR (TBB) IN I" CONDUIT (TYPICAL).
- 3 2" X 12" X 1/4" BICSI PATTERNED TELECOM ROOM GROUNDING BUS BAR W/INSULATED STANDOFFS (SEE C/TSO.7). BOND EQUIPMENT CABINET AND LIGHTNING PROTECTION BLOCKS TO GROUND BAR WITH #6 AWG BONDING CONDUCTOR (SEE B/TSO.7).
- 4 EXISTING WALL MOUNTED TELECOM GROUND BAR IN COMM ROOM EI5.





EQUIPMENT ROOM GROUNDING DIAGRAM

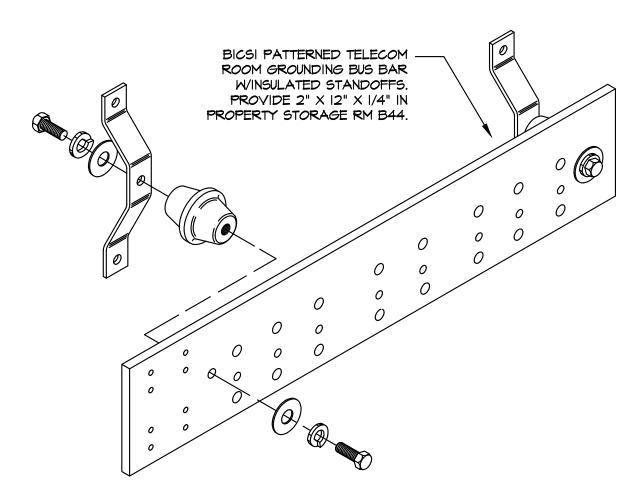
SCALE: NONE

EQUIPMENT ROOM GROUNDING GENERAL NOTES

- ALL BONDING AND GROUNDING WORK TO COMPLY WITH THE REQUIREMENTS OF ANSI/TIA-607-C (COMMERCIAL BUILDING GROUNDING (EARTHING) AND BONDING REQUIREMENTS FOR TELECOMMUNICATIONS).
- ATTACH GROUNDING CONDUCTORS TO TELECOM BUS BARS WITH 2-HOLE LONG BARREL COMPRESSION LUGS.
- 3. WHERE GROUNDING CONDUCTORS ARE ROUTED IN CONDUIT, INSTALL GROUND BUSHINGS AND BOND THE CONDUIT TO GROUND AT BOTH ENDS.

EQUIPMENT ROOM GROUNDING SHEET NOTES

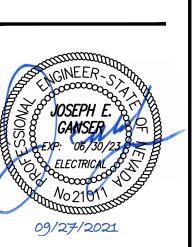
- UL LISTED BICSI PATTERNED COPPER TELECOM ROOM GROUND BAR WINSULATED STAND OFFS (SEE C/TSO.7).
- #3/0 AWG BONDING CONDUCTOR IN 3/4" CONDUIT TO BLDG GROUND IN ELECTRICAL PANEL SERVING TELECOM ROOM. BOND CONDUIT TO GROUND AT BOTH ENDS.
- #6 AWG GREEN INSULATED BONDING CONDUCTOR TO LIGHTNING PROTECTION BLOCKS FOR POLE MOUNTED CAMERAS.
- 4 #6 AMG GREEN INSULATED BONDING CONDUCTOR TO EQUIPMENT CABINET.
- 5 #3/0 AWG TELECOM BONDING BACKBONE (TBB) IN I" CONDUIT (SEE A/TSO.7).







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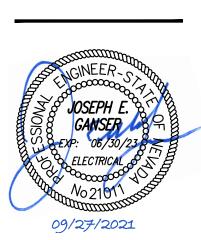
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SHEET TITLE GROUNDING AND BONDING DETAILS

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SHEET TITLE OVERALL IST FLOOR PLAN

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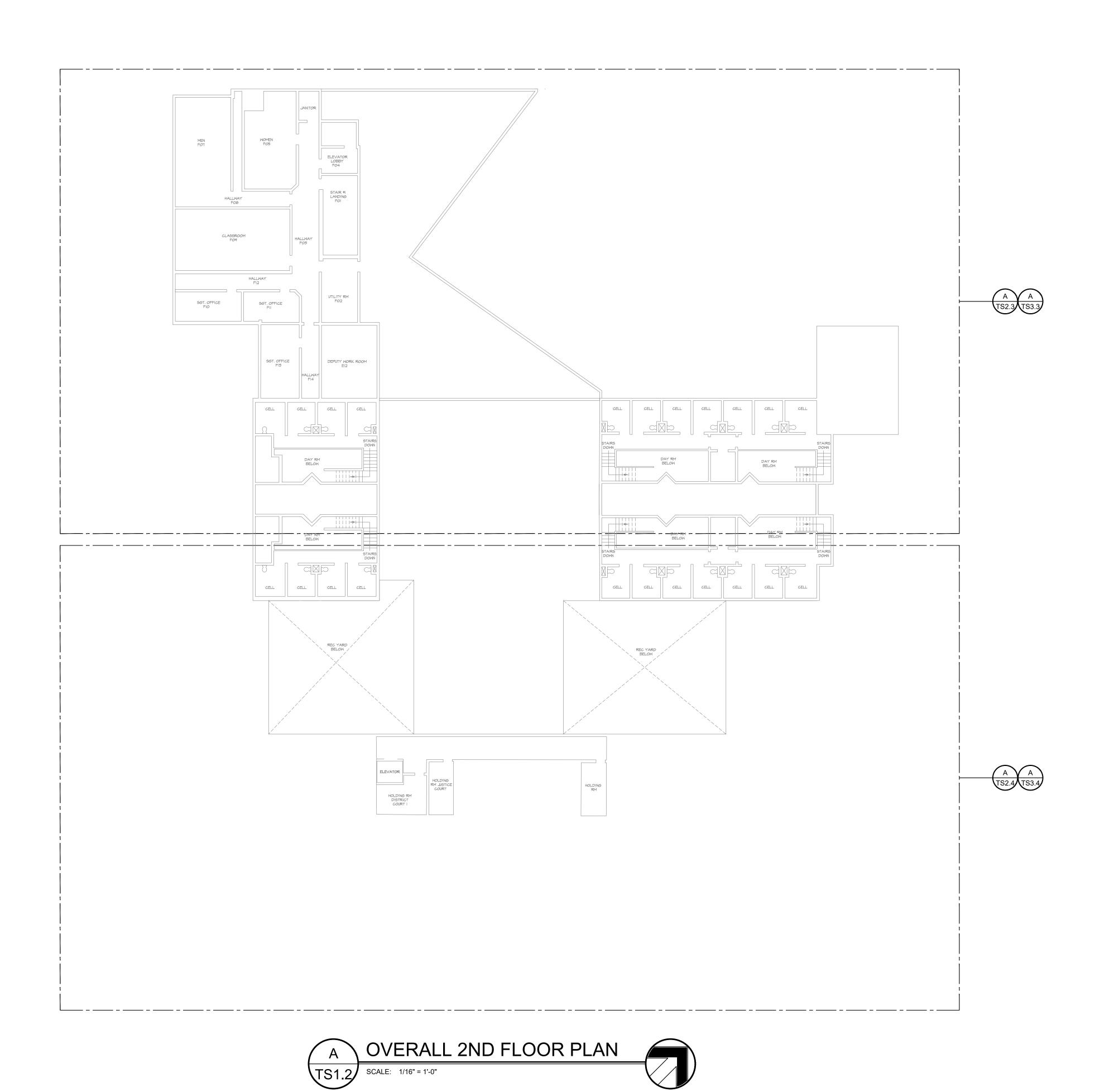
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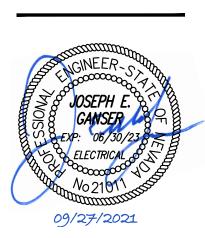
 JOB NUMBER:
 21065

 PROJECT MGR:
 BC

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SHEET TITLE

OVERALL 2ND FLOOR
PLAN

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 BC

 CHECKED:
 JEG

 DATE:
 09/27/21

 JOB NUMBER:
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 PROJECT MGR:
 BC

TS1.2

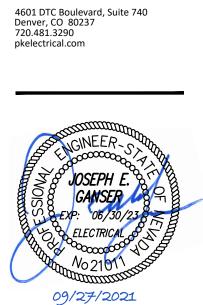
- I. SEE TSO.I FOR PROJECT WORK PHASING REQUIREMENTS.
- 2. PATCH HOLES IN WALLS AND CEILINGS WHERE CAMERAS ARE REMOVED.

SHEET NOTES

CUT AND REMOVE EXISTING 2-LEVEL PIPE HANGERS (CLOTHING PIPE HANGERS) TO ACCOMMODATE EQUIPMENT CABINET LOCATION. RELOCATE EXISTING PIPE HANGER TRIANGULAR KNEE BRACE SUPPORTS AS REQUIRED. PROVIDE PIPE CAPS ON CUT PIPE ENDS.



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SHEET TITLE

IST FLOOR TELECOM
DEMOLITION PLAN NORTH

 DRAWN:
 BC

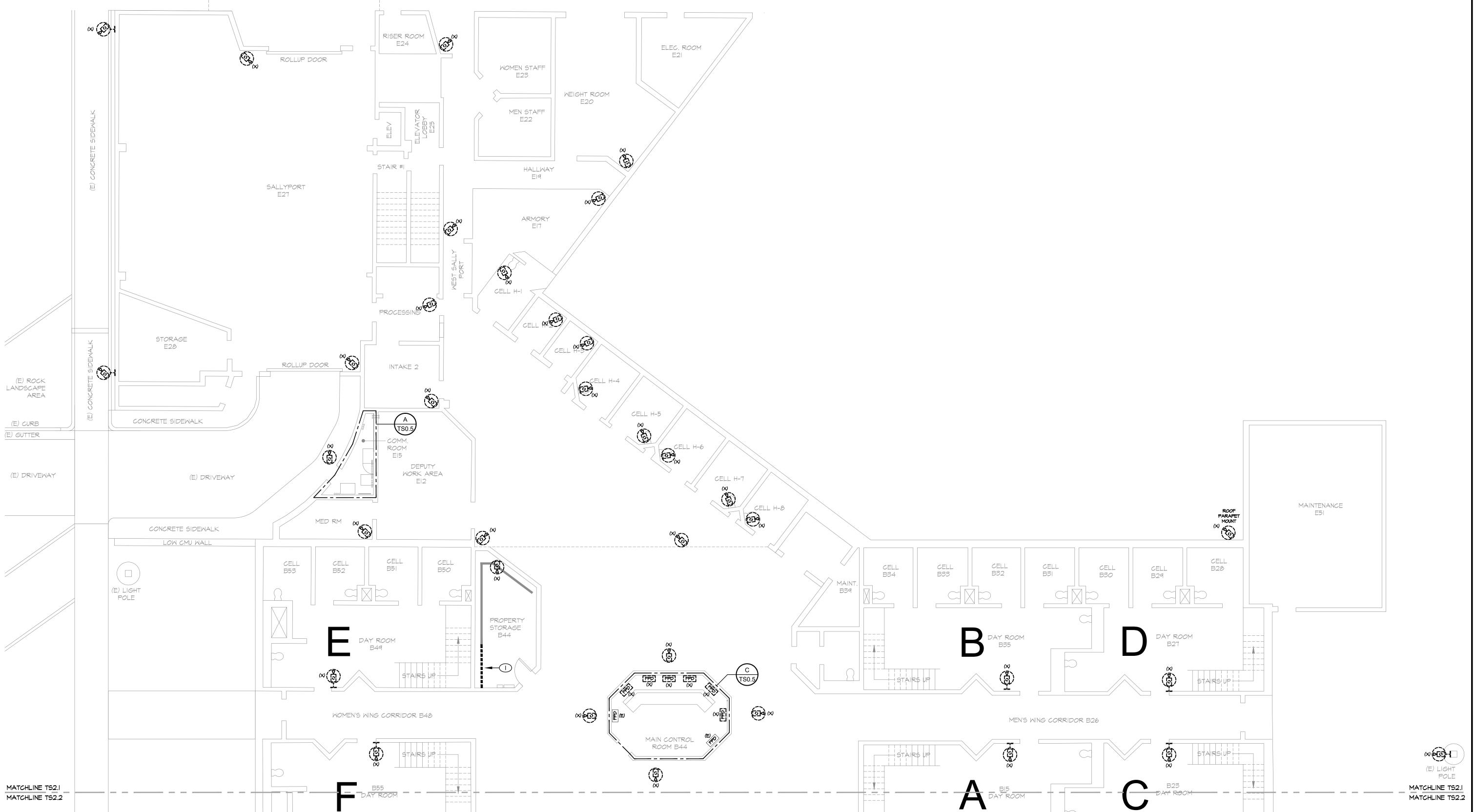
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 DATE:
 09/27/21

 JOB NUMBER:
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TS2.1

PROJECT MGR:



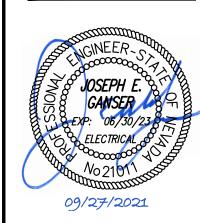
1ST FLOOR TELECOM DEMOLITION PLAN NORTH

TS2.1/

SCALE: 1/8" = 1'-0"

- SEE TSO.I FOR PROJECT WORK PHASING REQUIREMENTS.
- 2. PATCH HOLES IN WALLS AND CEILINGS WHERE CAMERAS ARE REMOVED.





POLE

MATCHLINE TS2.I

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SHEET TITLE

IST FLOOR TELECOM
DEMOLITION PLAN SOUTH

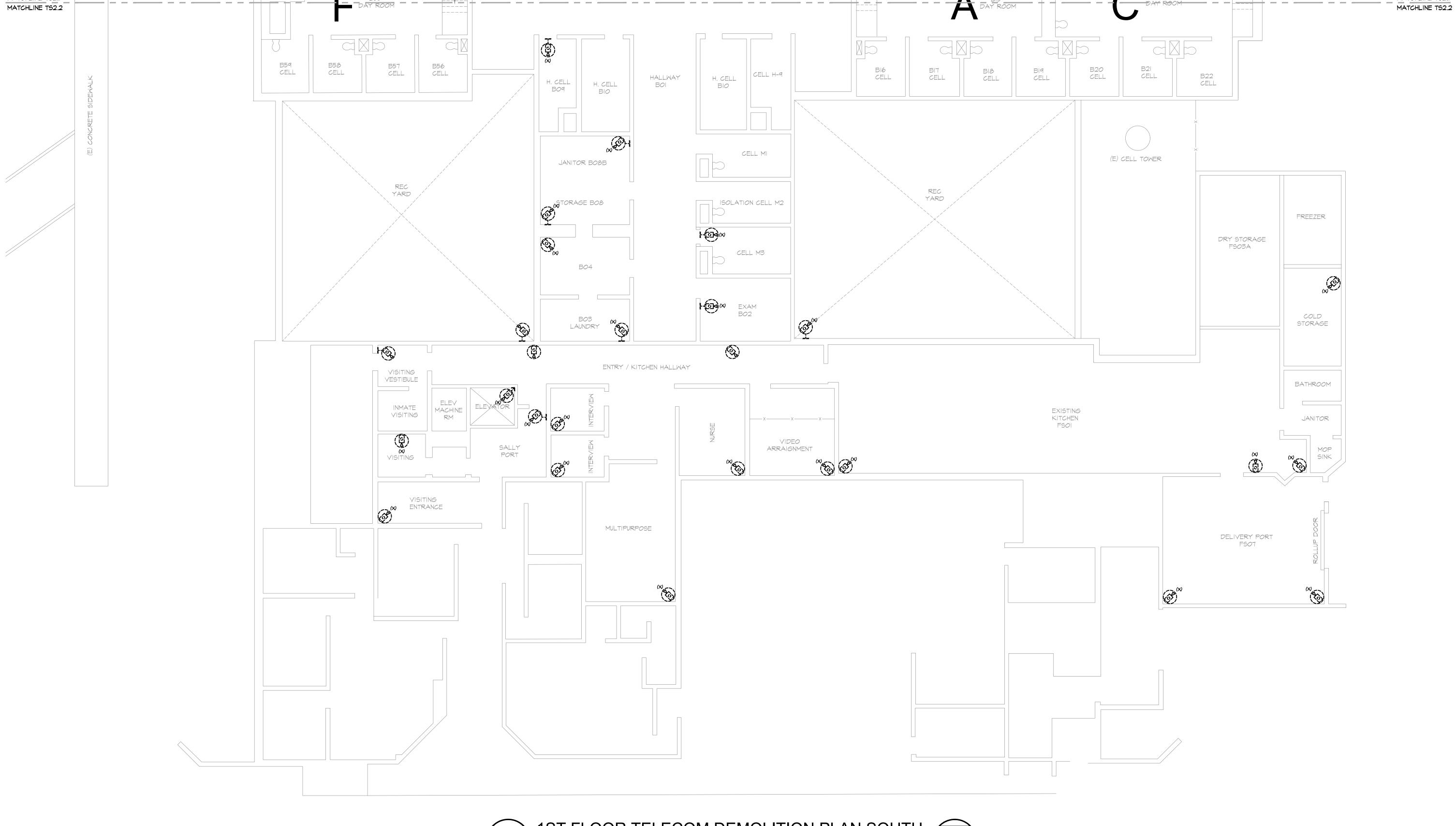
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DATE: 09/27/21

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 COJECT MGR:
 BC



MATCHLINE TS2.1

MATCHLINE TS2.3

MATCHLINE TS2.4



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SHEET TITLE 2ND FLOOR TELECOM DEMOLITION PLAN

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2ND FLOOR TELECOM
DEMOLITION PLAN SOUTH

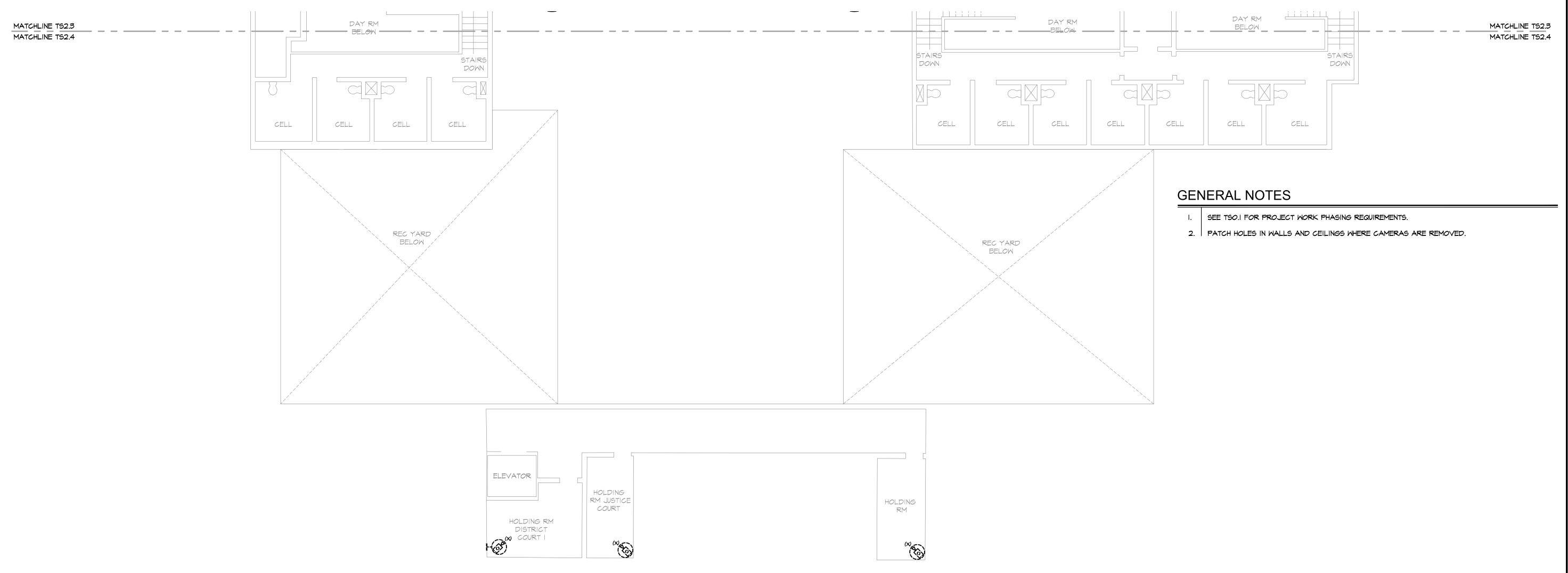
 CHECKED:
 JEG

 DATE:
 09/27/21

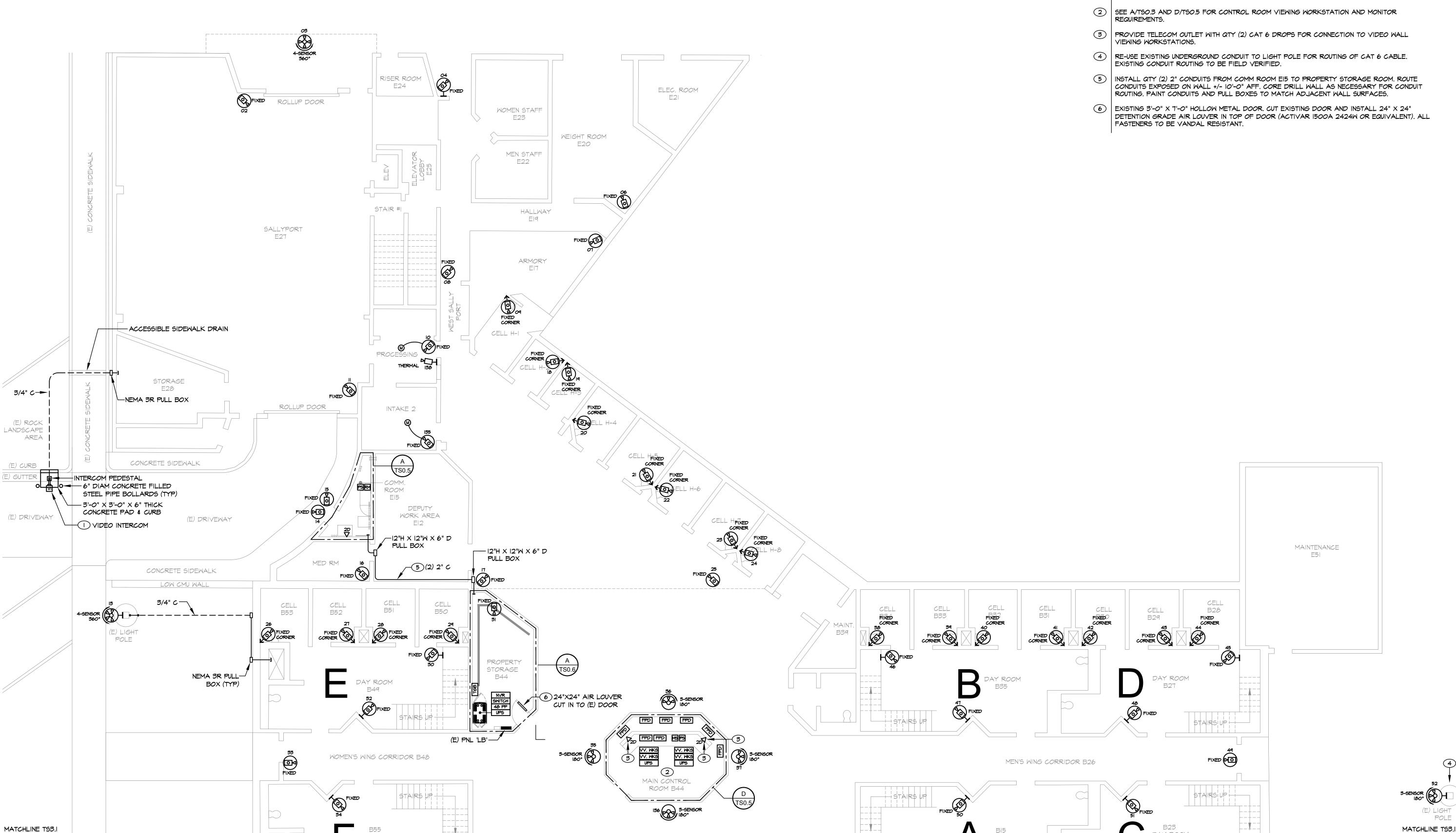
 JOB NUMBER:
 21065

 PROJECT MGR:
 BC

TS2.4



2ND FLOOR TELECOM DEMOLITION PLAN SOUTH



1ST FLOOR TELECOM PLAN NORTH

SCALE: 1/8" = 1'-0"

MATCHLINE TS3.2

GENERAL NOTES

- I. SEE A/TSO.3 FOR VIDEO SURVEILLANCE SYSTEM ONELINE DIAGRAM.
- 2. PAINT EXPOSED CONDUIT TO MATCH ADJACENT SURFACES.
- 3. ALL UNDERGROUND CONDUIT TO BE SCHEDULE 40 PVC.
- 4. ALL OUTDOOR EXPOSED CONDUIT TO BE RIGID STEEL. INSTALL IMC CONDUIT 90'S AT STUB-UP LOCATIONS ADJACENT TO BUILDING. 90'S TO BE VINYL COATED OR WRAPPED WITH 10 MIL TAPE.

SHEET NOTES

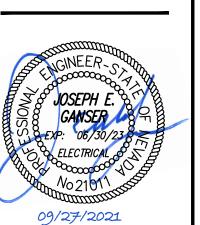
SEE B,C,D/TSO.3 FOR VIDEO INTERCOM SYSTEM, MOUNTING PEDESTAL, CONCRETE PAD, BOLLARD AND CABLING REQUIREMENTS. SAWCUT EXISTING CURB AND GUTTER TO ACCOMMODATE NEW CONCRETE PAD. CONTRACTOR TO COORDINATE CONCRETE PAD AND BOLLARD LOCATIONS WITH EXISTING CURB AND GUTTER.



PK Electrical, Inc.
Engineering - Design - Consulting

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4601 DTC Boulevard, Suite 740 Denver, CO 80237 720.481.3290 pkelectrical.com



County JLEC Camera Proj 100% Owner Review 1594 Esmeralda Ave Minden, NV 89423

REVISIONS

Douglas

SHEET TITLE

IST FLOOR TELECOM
PLAN NORTH

DRAWN: BC

CHECKED: JEG

DATE: 09/27/21

JOB NUMBER: 21065

PROJECT MGR: BC

MATCHLINE TS3.2

TS3.1

- SEE A/TSO.3 FOR VIDEO SURVEILLANCE SYSTEM ONELINE DIAGRAM.
- ALL EXPOSED CONDUIT TO BE RIGID STEEL.
- 3. PAINT EXPOSED CONDUIT TO MATCH ADJACENT SURFACES.





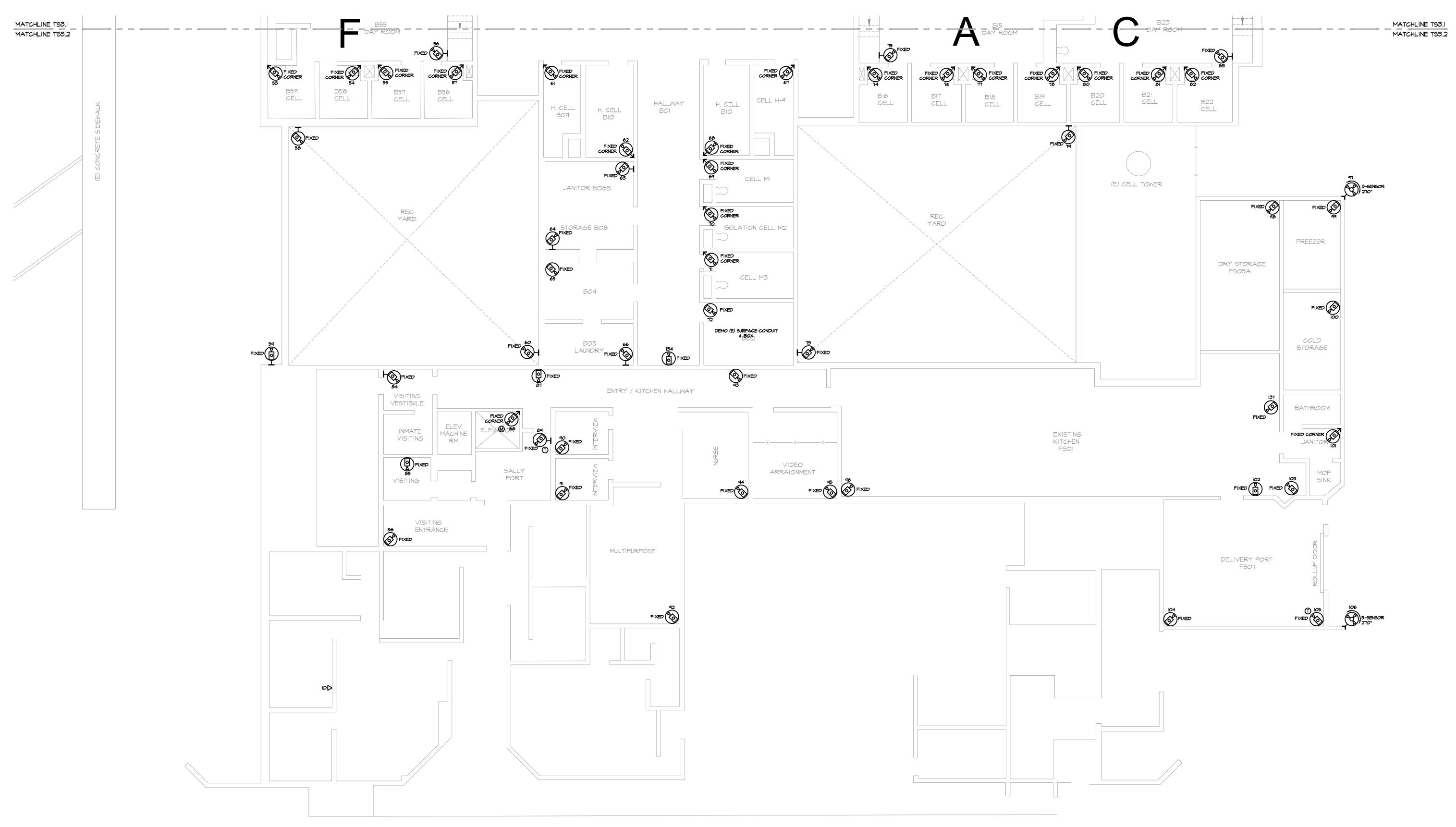
Project Camera County JLEC Car 100% Owner Rev 1594 Esmeralda Ave Minden, NV 89423 Douglas

REVISIONS

SHEET TITLE IST FLOOR TELECOM PLAN SOUTH

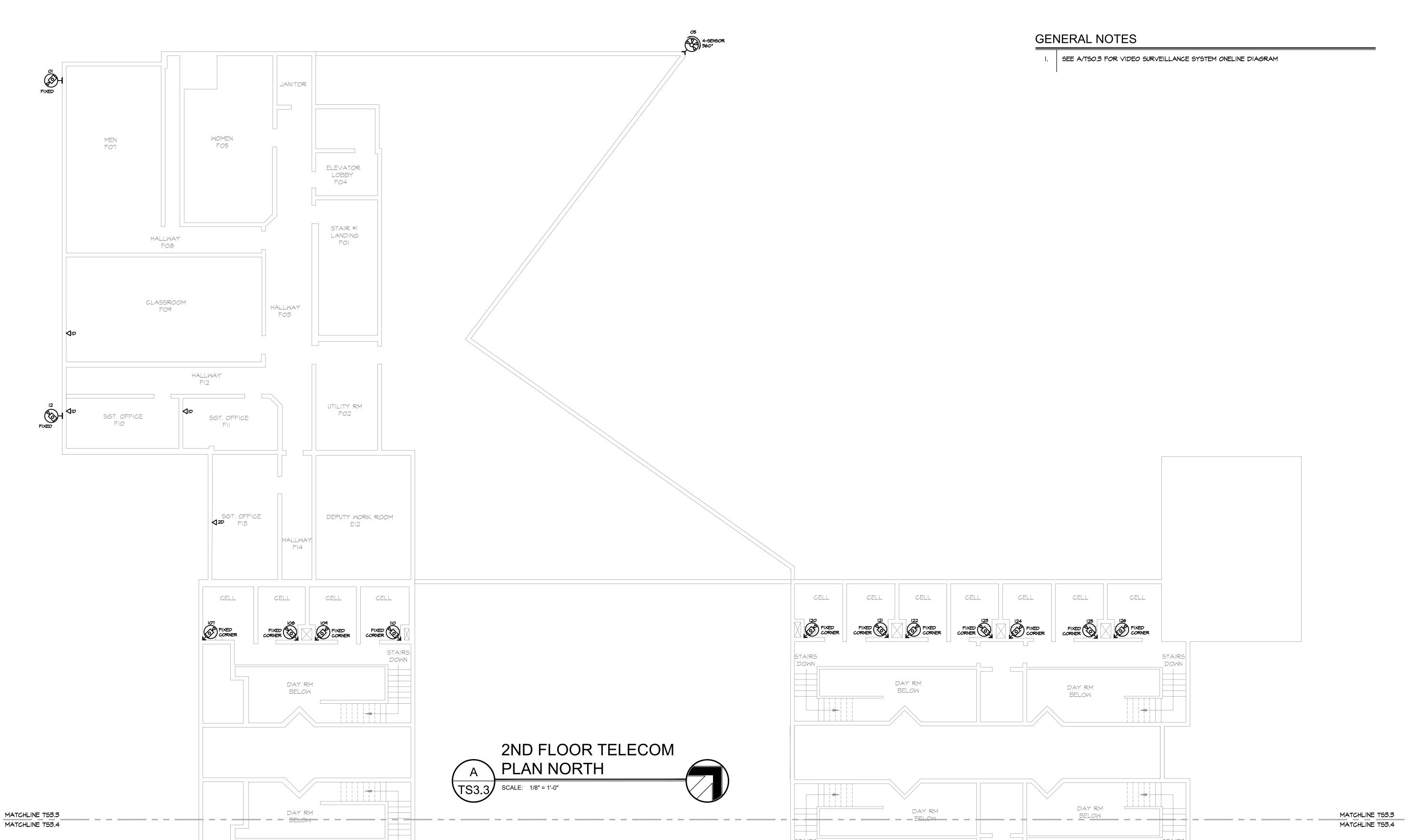
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21065
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TS3.2



1ST FLOOR TELECOM PLAN SOUTH

TS3.2 SCALE: 1/8" = 1'-0"



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Douglas County JLEC Camera Project 100% Owner Review

1594 Esmeralda Ave Minden, NV 89423

REVISIONS

SHEET TITLE

2ND FLOOR TELECOM
PLAN NORTH

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 PROJECT MGR:
 BC

TS3.3











REVISIONS

SHEET TITLE 2ND FLOOR TELECOM PLAN SOUTH

09/27/21

