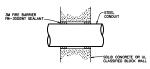
CONDUIT SLEEVE PENETRATION DETAIL

- SYSTEM JUSTIFICATION: UL ASSEMBLY: MINIMUM THICKNESS OF SOLID CONCRETE WALL IS 5-1/2" OR MAY BE CONSTRUCTED OF ANY UL CLASSIED CONCRETE BLOCKS.
- 3. RATINGS: F 4 HR., T 0 HR., W CLASS I
- PENETRATING ITEM(S): NOMINAL 4" DIAMETER (OR SMALLER) STEEL/EMT. CONDUIT. CONDUIT SHALL BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL OR FLOOR ASSEMBLY

- INSTALL THE FIRESTOP SYMMETRICALLY ON BOTH SIDES OF THE WALL ASSEM
- 2. MININUM ANNULAR SPACE IS 1/4". MAXIMUM ANNULAR SPACE ALLOWABLE IS 1 3/8". PPILED TO FILL THE ANNAULAR PROCEDURE THE STATE OF STREET OF THE ANNAULAR PROCEDURE THAN THE THE STREET OF THE ASSESSMENT OF THE ASSESSMEN
- MIN I IN. (25 MM) THIORESS OF MINERAL MOOL BATT INSULATION REQUIRED IN ANNUARS SPACE ON MOTH SDCS OF FLOOR ON WALL ASSEMBLY, MIN I IN. (25 MM) THIORESS OF CAULK TO BE INSTALLED FLUSH WITH EACH SURFACE OF FLOOR ON WALL ASSEMBLY.



PENETRATION FIRESTOP FOR 4" MAX. DIA. STEEL/EMT CONDUIT THROUGH A CONCRETE WALL OR FLOOR

SYSTEM DETAILS

- ASSEMBLY: MINIMUM THICKNESS OF SOLID CONCRETE WALL IS 5-1/2" OR MAY BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS.
- 3. RATINGS: F 4 HR., T 0 HR., W CLASS I
- PENETRATING ITEM(S): NOMINAL 4" DIAMETER (OR SMALLER) STEEL/EMT. CONDUIT. CONDUIT SHALL BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL OR FLOOR ASSEMBLY.

- INSTALL THE FIRESTOP SYMMETRICALLY ON BOTH SIDES OF THE WALL ASSEMBLY MINIMUM ANNULAR SPACE IS 1/4". NAXIMUM ANNULAR SPACE ALLOWABLE IS 1 3/8".
- APPLIED TO FILL THE ANNULAR SPACE FLUSH WITH TOP SURFACE OF FLOOR. IN WALL ASSEMBLES, REQUIRED CAULK THICKNESS TO BE INSTALLED SYMMETRICALLY ON BOTH
- SIDES OF WALL FLUSH WITH WALL SURFACE. AT POINT CONTROT LOCATION BETWEEN PENETRANT AND SLEEVE OR BETWEEN PENETRANT AND CONCRETE, A MIN 1/4 R. (6 MM) DIAM BEAD OF CALEX SHALL BE APPLED AT TOP SURFACE OF FLOOR AND AT BOTH SIBERAYS OF WALL.
- NIN I N. (25 MM) THIODRESS OF UNERAL WOOL BATT INSULATION REQUIRED IN ANNULAR SPACE ON BOTH SDES OF FLOOR OF WALL ASSEMBLY. MIN I IN. (25 MM) HIGORESS OF CAULK TO BE INSTALLED FLUSH WITH EACH SURFACE OF FLOOR OR

FIRE RATED CONDUIT PENETRATION DETAIL

ELECTRICAL NOTES

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE NEC 2020. ALL PROPOSED POWER J-BOXES SHALL BE MARKED WITH PANEL DESIGNATION & CKT. No'S. MARKINGS SHALL BE MADE ON THE COVERS USING A PERANENT MARKER.
- ELECTRICAL PANELS SHALL NOT BE USED AS RACEWAYS.
- ALL WRE SHALL BE COPPER (#12/AWG, MIN) WITH "THWN" THHN" INSULATION, UNLESS OTHERWISE NOTED.
- ALL SURFACE MTD. WALL BOXES SHALL BE CAST ALUMINUM, "FD" TYPE.
- THE CONTINUITY OF THE EQUIPMENT GROUNDS, NEUTRALS AND HOT LEGS SHALL NOT BE INTERRUPTED BY THE WORK.
- ALL ELECTRICAL EQUIPMENT IS SHOWN DIAGRAMMATICALLY. EXACT LOCATIONS ARE TO BE DETERMINED IN THE FIELD TO AVOID INTERFERENCES. PROVIDE GROUND CONDUCTOR IN ALL RACEWAYS.
- ALL INTERIOR CONDUITS SHALL BE "EMT" WITH STEEL SET-SCREW TYPE COUPLINGS. ALL EXPOSED EXTERIOR CONDUITS (AND INTERIOR CONDUITS MOUNTED BELOW 10"-0" AF WITHIN THE WORKEN.) SHALL BE HEAVY WALL, RIGD GALVANIZED STEEL TYPE.
- ALL CONCEALED & EXPOSED CONDUIT SHALL BE ROUTED PARALLEL & PERPENDICULAR TO STRUCTURAL ELEMENTS. CONDUIT PENETRATIONS THROUGH FIRE RATED PARTITIONS SHALL BE SEALED PER "FIRE RATED CONDUIT PENETRATION DETAIL" THIS SHEET.

DEMOLITION NOTES

- EXIST'G. LIGHTING, RECEPTACLES, SPEAKERS & VOICE/DATA DEVICES, ETC. (NOT SPECIFICALLY REFERENCED AS "TO BE REMOVED") SHALL REMAIN AS 150
- CONTRACTOR SHALL VERIFY SIZE AND LOCATION OF ALL EXISTING EQUIPMENT IN THE FELD PRIOR TO INSTALLATION OF CONDUIT, VERIFY THAT FIELD MEASUREMENTS, SURFACES, SUBSTRATES AND CONDITIONS ARE AS REQUIRED, AND READY TO RECEIVE WORK.
- WHEN BRANCH CIRCUITS., OUTLETS, ETC. ARE ABANDONED, PULL WIRE OUT OF CONDUIT BACK TO THE NEAREST REMAINING BOX OR CABINET.
- RE-ESTABLISH SERVICE TO ALL J-BOXES, ETC, THAT MAY BE INTERRUPTED BECAUSE OF THE MODIFICATIONS.
- PROVIDE ALL MATERIALS REQUIRED TO REPOUTE, RELOCATED, REMOVE OR REINSTALL ALL ITEMS DESCRIBED.
- EXISTING EQUIP. NOT TO BE REMOVED, THAT IS DAMAGED BY THE CONTRACTOR DURING THE CONSTRUCTION PROCESS, SHALL BE REPLACED AT NO ADD'L. COST TO THE OWNER.
- . EXIST'G, CONDUIT & CCTV CABLE TRAY MAY BE REUTILIZED IF FOUND IN ACCEPTACLE CONDITION.

SPECIAL REQUIREMENTS FOR CABLE ROUTING AND

- THE MACRITY OF THE SECURITY CARLING WITHIN THE FACILITY, SHALL BE INSTALLED ABOVE CELINGS WITHOUT CONDUIT. ALL CARLING USED THROUGHOUT THIS PROJECT SHALL COMPLY WITH THE REQUIREMENTS AS OUTLINED IN THE NATIONAL BEETING CODE (NEC) ARTICLE 755. ALL CABLING SHALL BARK CAMP AND/OR APPROPRIATE MARKINGS FOR THE ENVIRONMENT IN WHICH THEY WERE INSTALLED.
- ROUTE CABLES OPEN AND CONCEALED WITHIN ACCESSIBLE COLING SPACES USING CABLE LOOP SUPPORTS AT SET, INTERVALS, CABLES SHALL BE ROUTED PARALLE, AND PERPENDICULAR TO STRUCTURAL ELEMENTS, CABLING SHALL BE SUPPORTED AND SECURED USING WIDE BASED CABLE SUPPORTS.
- SCALING OF OPINIOGS BETWEEN FLOORS, PRODUCH FIRE BATE AND SMICE WALLS, FOR CABLE PASS THROUGH SHALL BETWEEN RESPONSIBILITY OF THE CONTRACTOR. CREATION OF SUCH OPINIOS AS ARE NECESSARY FOR COBLE PASSAGE ENTERLY LOCATIONS AS SHOWN IN THE DRAWNESS SHALL RESPONSIBILITY OF THE DRAWNESS SHALL BOTH OF THE THE CONTRACTOR AND LEFT UNUSED SHALL ALSO BE SCALED AS PART OF THIS WORK.
- CABLING ROUTED EXTRING OF THE BUILDING, UNDERGROUND, THROUGH HACCESSBIE CELINGS OR EPPOSED, LESS THAN 10"-0" ABOVE THE WORKFOOD INDOOR SHALL BE CONTAINED IN CORDIT. CABLING SERVING SERVING PLATFORM AND LESS THAN 10"-0" ABOVE THE CATMALK OR PLATFORM AND LESS THAN 10"-0" ABOVE THE CATMALK OR PLATFORM FINESEE FLOOR LEVEL SHALL BE CONTAINED IN CONDUIT. NO THAT CONDUIT ROUTED BELOW 10-0" AFF WITH THE WORKROOM SHALL BE HEAVY WALL, RIGID CALVANIZED STEEL TYPE.
- CONSOLIDATE INDIVIDUAL CABLE RUNS ENTERING ALL NODE CABINETS, ePACS CONTROLLERS, ETC. WITH PROPERLY SIZED CONDUIT RISERS.
- ALL CONDUIT RISERS SHALL TERMINATE ABOVE ACCESSIBLE CEILING SPACES OR WITH THE JOIST SPACES OF EXPOSED CEILING AREAS USING 90 DEGREE BEILING AND REIGHBLY AND RESIDENCE.

SCOPE OF WORK (LIGHTNING PROTECTION & COUNTERPOISE)

- LIGHTNING PROTECTION SYSTEM AND UNDERGROUND COUNTERPOISE (BID ALTERNATE NO. 1)
- THIS EXISTING FACULTY IS NOT EQUIPPED WITH A BUILDING LIGHTNING PROTECTION SYSTEM OR UNDERGROUND COUNTERPOISE AS REQUIRED BY THE LIGHTNING RISK ASSESSMENT CALCULATION AND MODULE 2A, SECTION 5-6 OF THE STANDARD DESIGN ORTERIA
- THE FACULTY IS TO BE EQUIPPED WITH A BUILDING LIGHTNING PROTECTION SYSTEM AND UNDERGROUND COUNTERPOISE. ALL MATERIAL AND LABOR COSTS SHALL BE INCLUDED AS BID ALTERNATE NO. 1 ON THE PROPOSAL.
- THE PROPOSAL.

 PROOF TO THE STAFF OF ANY WORK, A SOL RESISTINY TEST SHALL BE PROOF TO THE STAFF OF ANY WORK, A SOL RESISTINY TEST SHALL BE PROPOSED TO THE STAFF OF ANY OF A STAFF OF A S

SCOPE OF WORK (CCTV, VIDEO INTERCOM & PACS)

THE FACILITY IS EQUIPPED WITH A WINTAGE VICON DUAL CONSOLE, OIS COTY SYSTEM CONSISTING OF THE HEADEND EQUIPMENT AND OS COTY SYSTEM CONSISTING OF THE HEADON EQUIPMENT AND APPROXIMATELY (00) YOUNG MANDO PT CAMERAS. THE EQUIPMENT APPROXIMATELY (00) YOUNG MANDO PT CAMERAS THE EQUIPMENT APPROXIMATELY OF THE CONTROLLED IN THE MORTH MORROWOOD, PLAT TORM PART OF THE CONTROLLED IN 1998 AS THE MORTH MORROWOOD, PLAT TORM PROMISED. THE SYSTEM IS NOT OPERATIONAL AND HAS NOT EXPENDED. THE SYSTEM IS NOT OPERATIONAL AND HAS NOT SERVERAL TEARS. IT WAS REPORTED THAT THE SYSTEM WAS BROATLY DAMAGED DUE TO A SEVERE LUGHTHING STRIKE AND HAS NOT GENERAL TRANS. IT WAS REPORTED THAT THE SYSTEM WAS BROATLY DAMAGED.

SECURITY & INVESTIGATIVE CCTV SYSTEM

- THIS "CIS" CCTV SYSTEM IS A STAND-ALONE SYSTEM, TOTALLY INDEPENDENT OF THE SECURITY CCTV SYSTEM, AND MONITORS ONLY THE WORKROOM AND NORTHWEST PLATFORM AREAS.
- THE ENSTRING CCTV SYSTEM IS EQUIPPED WITH A DUAL HEADEND CONSOLE AND RACK LOCATED WITHIN THE CRIMINAL INVESTIGATIVE OFFICE "CIO". THIS EQUIPMENT SHALL BE REPLACED AND ENHANCED.
- THE USPS INSPECTOR HAS REQUESTED A NEW DIGITAL, ISIP CENTRALIZED SECURITY MGMT. SOFTWARF
- THE FACILITY IS EQUIPPED WITH (3) EXTERIOR PTZ'S, (4) EXTERIOR FIXED AND (3) INTERIOR FIXED "SECURITY" CAMERAS. THE CAMERAS ARE ANALIGE TYPE, MANUFACTURED BY VICON AND INSTALLED IN 2009.
- DIE SECURITY CAMERAS ARE POMERED AND SUPERVISED BY AN INDEPENDENT SECURITY COT HEADEND RACK MANUFACTURED BY YNCON'A GOLGATED WHISH HE HEAMING ROCK AN MASCA MONITORIOR STATION LOCATED RACK HE HEADEN RACK HEAMING HEAVEN STATION LOCATED ABOVE THE HEADEN RACK HEAMING HEAVEN STATION LOCATED ABOVE THE HEADEN RACK HEAMING HEAVEN STATION HEAVEN HEAVEN AND HEAVEN HEAVEN STATION HEAVEN HE HEAVEN HE HEAVEN HE HEAVEN HE HEAVEN HE HEAVEN HEAVEN HEAVEN HEAVEN HE HEAVEN HE HEAVEN HE HEAVEN HE HE
- THE EXIST'S, "SECURITY" CCTV SYSTEM IS NOT ISIP COMPATIBLE, IS NO LONGER SUPPORTED BY THE MANUFACTURER, AND IS
- THE EXISTING SECURITY AND INVESTIGATIVE CCTV SYSTEM SHALL BE REPLACED IN ITS ENTIRETY IN ACCORDANCE WITH CURRENT MPFDC CHAPTER 5-7 REQUIREMENTS AND MPFS SECTION 282305.
- THE EXISTING INOPERATIVE MONITORING STATION WITHIN THE TRAINING ROOM A-136A SHALL BE REMOVED AND NOT REPLACED.

- TREMENDE COOK A-1948 SHALL BE REMOVED MIN DO THE PROPERTY MOVEMENT STATES AND THE PROPERTY MOVEMENT OF THE PROPERTY MOVEMENT OF THE PROPERTY MOVEMENT OF THE PROPERTY MOVEMENT OF THE PROPERTY CAMPAGE. THE PROPERTY MOVEMENT WITH OFFICE OF THE PROPERTY MOVEMENT OF THE PROPE

TELEPHONE INTERCOM AND GATE RELEASE SYSTEMS

- SPHOKE NIFECOL AND GATE RELACE SYSTEMS.

 THE TELEPHOKE INTERCOL SYSTEM MAS BRITALLY INSTALLED WHITH THE TELEPHOKE SYSTEM MAS BRITALLY INSTALLED WHITH THE STATIONS, THE FIRST IS LOCATED AT THE EMPLOYEE WHICH ENTER WHITE ENT
- NAMEACHER BY WINCOM MO IS NO LONGER OPERATIONAL.

 THE CAST AND DOOR RELEASE PARKINGS FOR THE PROPOSE OF THE PRO
- THE NORTHEAST TRUCK ENTRY/EXIT IS EQUIPPED WITH MANUAL SWINGING GATES. THIS SWINGING GATE IS NOT ACCESS CONTROLLED.
- THE CONTROL TO A STATE OF THE CONTROL THE WORLD CONTROL THE CONTRO

 - COURS. STATION EN CONTROL WITH SURGE PROVIDED AT THE POLICIPATION AND ART OF PERSONNEL AND WITH STATE OF THE POLICIPATION AND ART OF THE POLIC

 - NEON IS ACCESSED VIA CADO NEXTERS.

 THE EXTRING HOVER DEADERS IN THOSE LOCATIONS RECURS BY THE WAPPO SHALL RIMAN. ADDITIONAL REALESS BE NOTED TO SHALL RESERVE AND ADDITIONAL REALESS BY THE WAPPO SHALL RESERVE AND ADDITIONAL REAL BY THE SHALL REALESS AND ADDITIONAL REALESS AND ADDITIONAL REAL REALESS AND ADDITIONAL REALESS AN

 - EXISTING MOMENTARY DOOR RELEASE PUSHBUTTONS SHALL BE REPLACED BY PNEUMATIC, TIME DELAY TYPE AS SPECIFIED IN MPFS 281304.

ENTERPRISE PHYSICAL ACCESS CONTROL SYSTEM

- INFERENCE PHYSICIAL ACLESS CONTINUE STATES.

 THE EDIST'G. SPACES IS OPERATORAL AND FUNCTIONING PROPERLY. THE DIST'G. SYSTEM SHALL BE ENHANCED TO SUPPORT THE ADDITIONAL CARD REQUESTS AND COMPONENTS MICCATED ON THE STAND—ALONE MICROPROCESSOR—BASED CONTROLLERS, LOCK POWER SUPPLIES, CARD READERS AND ASSOCIATED PAGES DEVICES.
 - EXISTG, @PACS CONTROLLERS (WADDERBLT #SROWN-1) SHALL
 BE SERVICED TO ENSURE THEIR PROPER OPERATION. EXISTG.
 LOCK POWER SUPPLIES & BATTERES SHALL BE REPLACED.
 CONTRACTOR SHALL FELD VERIFY QUANTILES OF EXISTG.
 CONTROLLERS, POWER SUPPLIES AND BATTERES FROM TO BID.

GENERAL NOTES

7 6

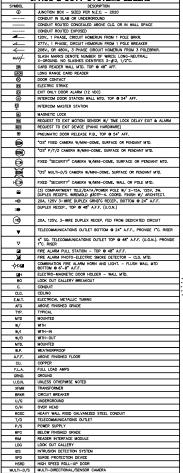
- THE CONTRACTOR SHALL WORK AT THE CONVENIENCE OF THE OWNER SO AS NOT TO DISRUPT DAILY ACTIVATES AND INCONVENIENCE PERSONNEL IT IS NOT TO DISRUPT DALY ACTIVATES AND INCONVENENCE PERSONNEL. IT IS THE CONTINUOUS REPORTING TO SCHOOLING WORK PROCEDURES THAT ALL RED DISRUPTIVE, AT THE WEST REPORTING ARE NOT DOCUMENT OF THE DISRUPTIVE, AT THE WEST REPORTING, ARE NOT DOCUMENT OF THE DISRUPTIVE AND USE THAT AS A GUIDELINE FOR PLANNING DISRUPTIVE WORK PROCEDURES.
- CAMERA PLACEMENTS SHOWN ARE DIAGRAMMATIC ONLY. EXACT POSITIONS SHALL BE DETERMINED ON SITE IN COORDINATION WITH THE ENGR., CIG & USPIS PERSONNEL, PRIOR TO START OF WORK...
- WHERE POSSIBLE, CAMERAS SHALL BE INSTALLED TO A MINIMUM OF 84" OF CLEARANCE BETWEEN THE FINISHED FLOOR AND THE LOWER PORTION OF THE CAMERA HOUSING. LOWER DOME OR ASSEMBLY.
- EQUIPMENT SHALL BE SPACED ACCURATELY AND SYMMETRICALLY.
- WHERE EQUIPMENT ITEMS ARE IN CLOSE PROXIMITY, THEY SHALL BE ALIGNED HORIZONTALLY AND OR VERTICALLY AS REQUIRED.
- EQUIPMENT ITEMS SHALL BE SYMMETRICALLY LOCATED IN RELATION TO OTHER EQUIPMENT AND DEVICES AND GENERAL AESTHETIC TREATMENT.
- ENSURE THAT CAMERAS ARE HUNG FROM STABLE, VIBRATION FREE MOUNTING PLATFORMS, USING GUY-WIRES OR OTHER SUPPORT AND ISOLATION MECHANISMS WHERE REQUIRED.
- CAMERAS SHALL BE MOUNTED IN SUCH A MANNER AS TO PRECLUDE INTERFERENCE AND WIBRATION FROM EQUIPMENT OR OTHER DEVICES THAT MAY INDUCE VIBRATION.
- CAMERAS WILL BE LABELED WITH A DRAWING REFERENCE NUMBER. THE CAMERA NUMBER MUST BE INSTALLED AS REFERENCED ON THE DRAWINGS.
- CONTRACTOR IS RESPONSIBLE FOR COVERING HOLES IN WALLS/CEILING LEFT FROM REMOVING EXIST'G, CAMERAS WITH BLANK COVER PLATES.
- 3. ALL MOUNTS SHALL INCORPORATE INSTALLER PROVIDED SAFETY CHAIN OR CABLE OF SUFFICIENT ENDURANCE ATTACHED TO STRUCTURE MEMBER IF A DEVICE WEIGHT IS GREATER THAT FIVE (8) POUNDS TO SUPPORT TWO (2) TIMES THE WEIGHT OF THE EQUIPMENT.
- 4. ALL ABANDONED CABLING SHALL BE REMOVED FROM SOURCE TO LOAD. T568A STANDARD SHALL BE USED TO TERMINATE ALL RJ45 CONNECTORS AND JACKS UNLESS OTHERWISE NOTED.
- B. EXIST'C, CCTV EQUIPMENT REMOVED DURING THE INSTALLATION OF THE NEW SYSTEM SHALL BE INVENTORIED, PACKAGED AND THE DISPOSITION OF THE EQUIPMENT SHALL BE COORDINATED WITH THE "USPS" INSPECTION SERVICES.
- 7. MIDSPAN INJECTOR AND/OR ETHERNET EXTENDER MODULES SHALL BE INSTALLED AT THE HEAD-END OR NODE (IDF) RACK LOCATIONS.
- CAMERA BACKBOXES, WHEN REQUIRED, SHALL BE FACTORY FURNISHED ROUND, CAST AL. WITH WHITE FINISH.
- ALL "THRU-WALL" CONDUIT OR CABLE PENETRATIONS SHALL BE EQUIPPED WITH METALLIC CONDUIT SLEEVES. REFER TO DETAIL.
- ALL "ePACS" AND CCTV SYSTEMS J-BOXES SHALL BE MARKED ACCORDINGLY MARKINGS SHALL BE MADE ON THE COVERS USING A PERMANENT MARKER.
- INDIVIDUAL SURGE PROTECTION (POWER AND LOW VOLTAGE) SHALL BE INSTALLED AT BOTH ENDS OF ALL COPPER WIRING EXITING THE FACILITY.
- 22. EXISTING FIRE ALARM SYSTEM SHALL BE INTERFACED WITH PROPOSED "PAGS" TO ALLOW EGRESS DURING A GENERAL ALARM CONDITION. THE EXIST'G. "SIMPLEX" F/A SERVICE PROVIDER SHALL PERFORM ALL WORK ASSOC. WITH THE F/A SYSTEM.

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- e7.03 PROPOSED ePACS RISER DIAGRAM CONTROLLER #7
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- e8.02 CCTV SECURITY SYSTEM BLOCK DIAGRAMS
- e8.03 OVERALL CCTV SECURITY SYSTEM BLOCK DIAGRAM
- e8.04 CCTV MOUNTING DETAILS
- e9.01 PROPOSED CCTV CAMERA SCHEDULE (ZONES "A" & "B") e9.02 PROPOSED CCTV CAMERA SCHEDULE (ZONES "C" & "D" AND SITE)

1	6	PACS & CCTV SYSTEMS LEGEND	ı
1	SYMBOL	DESCRIPTION	1
1	0	JUNCTION BOX - SIZED PER N.E.C 2020	1
1		CONDUIT IN SLAB OR UNDERGROUND	1
1		CONDUIT ROUTED CONCEALED ABOVE CLG. OR IN WALL SPACE	1
1		CONDUIT ROUTED EXPOSED	4
1		120V., 1 PHASE, CIRCUIT HOMERUN FROM 1 POLE BRKR.	4
1	4	277V., 1 PHASE, CIRCUIT HOMERUN FROM 1 POLE BREAKER 208V., OR 480V., 3 PHASE CIRCUIT HOMERUN FROM 3 POLEBRKR.	4
1		208V., OR 480V., 3 PHASE CIRCUIT HOMERON FROM 3 POLEBRIK.	4
1	***/	SLASH MARKS DENOTE NUMBER OF WIRES; LONG-NEUTRAL; X-GROUND, NO SLASHES IDENTIFIES 3-#12, 1/2°C.	ı
1	29	CARD READER WALL MTD. TOP @ 48" AFF.	1
1	LROR	LONG RANGE CARD READER	1
1		DOOR CONTACT]
1		ELECTRIC STRIKE	1
1	<u> </u>	EXIT ONLY DOOR ALARM (12 VDC)	4
1	<u> </u>	INTERCOM DOOR STATION WALL MID. TOP @ 54" AFF.	1
1	甲	INTERCOM MASTER STATION	J
1	2	MAGNETIC LOCK]
1	•	REQUEST TO EXIT MOTION SENSOR W/ TIME LOCK DELAY EXIT & ALARM	1
1	100	REQUEST TO EXIT DEVICE (PANIC HARDWARE)	4
1	•	PNEUMATIC DOOR RELEASE P.B., TOP @ 54" AFF.	4
1	●	"CIS" FIXED CAMERA W/MINI-DOME, SURFACE OR PENDANT MTD.	ı
1	(e)	"CIS" P/T/Z CANERA W/MINI-DOME, SURFACE OR PENDANT MTD.	1
1			1
1	<u></u>	FIXED "SECURITY" CAMERA W/MINI-DOME, SURFACE OR PENDANT MTD.	l
1	S	"CIS" MULTI-D/S CAMERA W/MINI-DOME, SURFACE OR PENDANT MTD.	1
1	- 2		1
1	<u>—</u>	FIXED "SECURITY" CAMERA W/MINI-DOME, WALL OR POLE MTD.	1
1		(3) COMPARTMENT TELE/DATA/POWER POLE W/ 2-15A, 125V, 3W. DUPLEX RECEPS. WREWOLD #30TP-4. COORD. FINISH W/ ARCHITECT.	ı
1		20A, 125V 3-WIRE DUPLEX GRND'G RECEP., BOTTOM @ 24" A.F.F.	1
1	30	DUPLEX RECEP., TOP @ 48" A.F.F. (U.O.N.)	1
1		1 1	1
1	(-)	20A, 125V, 3-WIRE DUPLEX RECEP. FED FROM DEDICATED CIRCUIT	ı
1		TELECOMMUNICATIONS OUTLET BOTTOM @ 24" A.F.F., PROVIDE 1"C. RISER	1
1	▼		1
1	▽	4" SQ. TELECOMMUNICATIONS OUTLET TOP 48" A.F.F. (U.O.N.). PROVIDE	ı
1	-	FIRE ALARM PULL STATION - TOP @ 48* A.F.F.	1
1	<u> </u>	FIRE ALARM PHOTO-ELECTRIC SMOKE DETECTOR - CLG. MTD.	1
1	-\$t>2	COMBINATION FIRE ALARM HORN AND LIGHT FLUSH WALL MTD BOTTOM @ 6'-8" A.F.F.	1
1	GH GH	BOTTOM & 6'-8" A.F.F. ELECTRO-MAGNETIC DOOR HOLDER - WALL MTD.	4
1	BO BO	LOOK OUT GALLERY BREAKOUT	┨.
1	- C	CONDUIT	t
1	CLG.	CEILING	1:
1	E.M.T.	ELECTRICAL METALLIC TUBING	1
1	AFG	ABOVE FINISHED GRADE	1
1	TYP.	TYPICAL	1
1	MTD	MOUNTED	1
ı	W/	WTH	1
1	W/1	WTH-IN	4
_	W/O MTD.	WTH-OUT MOUNTED	1
	MTD.	MOUNTED WEATHERPROOF	1
٦ .	A.F.F.	ABOVE FINISHED FLOOR	1
1	CU.	COPPER	1
1	F.L.A.	FULL LOAD AMPS	1
1	GRND.	GROUND	1
1	U.O.N.	UNLESS OTHERWISE NOTED]
1	XFMR	TRANSFORMER]
1	BRKR	CIRCUIT BREAKER	1
1	U/G	UNDERGROUND	4
1	0/H	OVER HEAD	4
1	RGSC T/O	HEAVY WALL RIGID GALVANIZED STEEL CONDUIT TELECOMMUNICATIONS OUTLET	4
1	P/S	POWER SUPPLY	1
1	BFG	BELOW FINISHED GRADE	1
1	RIM	READER INTERFACE MODULE	1
ı	LOG	LOOK OUT GALLERY	1
1	IDS	INTRUSION DETECTION SYSTEM	1
1	SPD	SURGE PROTECTION DEVICE	1
	HSRD	HIGH SPEED ROLL-UP DOOR	1

-DACE & CCTV OVETENO I ECEND





sheet name ELECTRICAL LEGEND



14080 JETPORT LOOP FT MYERS, FL 33913

Robert A Rolley Date: 2022.03.09 16:06:17-05'00'

GENERAL ELECTRICAL INSTALLATION NOTES

- THE ENCLOSURE MOUNTING HARDWARE PROVIDE W/THE CONTROL PANEL SHALL BE UTILIZED TO MAINTAIN THE ENCLOSURE RATING (NEMA TYPE 4 STANDARD).
- ALL CONDUIT CONNECTIONS TO THE CONTROL PANEL SHOULD ENTER THROUGH THE BOTTOM OF THE ENCLOSURE. ANY CONDUIT ENTRIES IN THE SIDE OR TOP OF THE ENCLOSURE WILL VOID THE WARRANTY.
- UTILIZE SHIELDED CABLE WHERE INDICATED ON THE SCHEMATIC PROVIDED WITH THE DOOR. FAILURE TO USE SHIELDED CABLE MAY RESULT IN IMPROPER OPERATION OR PREMATURE FAILURE AND WILL VOID WARRANTY.
- INSTALL ALL LOW VOLTAGE (< 50V) WRING IN METALLIC CONDUIT SEPARATE FROM MOTOR/BRAKE AND OTHER HIGH VOLTAGE WIRING. FAILURE TO SEPARATE HIGH AND LOW VOLTAGE WILL VOID WARRANTY.
- DOOR PROVIDED WITH 20 FT SHIELD MOTOR CABLE AND 50 FT SHIELDED ENCODER CABLE (STANDARD).
- IF SPLICING OF ENCODER CABLE IS NECESSARY, MAINTAIN SHIELDING AT SPLICE.
- THIS DETAIL OUTLINES THE GENERAL ELECTRICAL REQUIREMENTS FOR THE "HSRD" TYPE. REFER TO ELECTRICAL SCHEMATIC PROVIDED WITH THE DOOR FOR COMPLETE REQUIREMENTS.

3M FIRE BARRIER — FB-3000WT SEALANT SEAL BOTH ENDS OF SLEEVE AFTER INSTALLATION OF CONDUCTORS USING U.L. LISTED FIRE STOPPING COMPOUND. -8" LONG UNISTRUT CHANNEL. SECURE WALL USING "RED HEAD" BOLTS (TYP.). NOTE: THIS PENETRATION DETAIL SHALL BE PROVIDED FOR OPEN CABLE RUNS THRU ALL MASONRY WALL PENETRATIONS

- SYSTEM JUSTIFICATION: UL THROUGH-PENETRATION FIRESTOP SYSTEM NO. C-AJ-1044
- ASSEMBLY: MINIMUM THICKNESS OF SOLID CONCRETE WALL IS 5-1/2" OR MAY BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS.

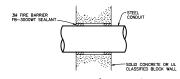
CONDUIT SLEEVE PENETRATION DETAIL

3. RATINGS: F - 4 HR., T - 0 HR., W - CLASS I PENETRATING ITEM(S): NOMINAL 4" DIAMETER (OR SMALLER) STEEL/EMT. CONDUIT.
CONDUIT SHALL BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL OR FLOOR ASSEMBLY

APPLICATION DETAILS

- 1. INSTALL THE FIRESTOP SYMMETRICALLY ON BOTH SIDES OF THE WALL ASSEMBLY.
- MINIMUM ANNULAR SPACE IS 1/4". MAXIMUM ANNULAR SPACE ALLOWABLE IS 1 3/8".
- PRIVILED TO MAINTAIN MINUSAN SPACE ALDERNEL IS 1 3/8.

 APPLED TO IT, HE ANNOLES PROCE FLUSH WITH TO SURFACE OF FLOOR. IN WALL ASSUMED. SULLY HISTORIES TO BE RETALLED STAMETRICALLY ON BOTH ASSUMED. ALL DESIRED COLLEGE TO SURFACE. AT POINT CONTACT LOCATION BETWEEN HAID JUMB ECAD OF CALLY SHALL BE APPLIED AT TOP SURFACE OF FLOOR AND AT BOTH SITE OF WALL.



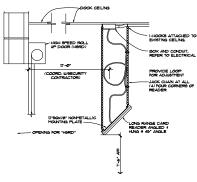
PENETRATION FIRESTOP FOR 4" MAX. DIA. STEEL/EMT CONDUIT THROUGH A CONCRETE WALL OR FLOOR

- SYSTEM JUSTIFICATION: UL THROUGH-PENETRATION FIRESTOP SYSTEM NO. C-AJ-1044.
- ASSEMBLY: MINIMUM THICKNESS OF SOLID CONCRETE WALL IS 5-1/2" OR MAY BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS.
- 3. RATINGS: F 4 HR., T 0 HR., W CLASS I
- PENETRATING ITEM(S): NOMINAL 4" DIAMETER (OR SMALLER) STEEL/EMT. CONDUIT.
 CONDUIT SHALL BE RIGDLY SUPPORTED ON BOTH SIDES OF WALL OR FLOOR ASSEMBLY

APPLICATION DETAILS

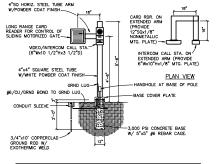
- INSTALL THE FIRESTOP SYMMETRICALLY ON BOTH SIDES OF THE WALL ASSEMBLY
- 2. MINIMUM ANNULAR SPACE IS 1/4". MAXIMUM ANNULAR SPACE ALLOWABLE IS 1 3/8". APPLIED TO FILL THE ANNUARS SPACE FLUSH WITH TOP SUPFACE OF FLOOR, IN WALL ASSUMILES, REQUIRED CAULY THEORISS TO BE INSTALLED SYMMETRICALLY ON BOTH ASSUMILES, STATE OF THE PROPERTY AND ASSUME OF THE PROPERTY AND ASSUME OF THE PROPERTY AND CONSETT. L. ONLY, THE REPORT AND ASSUME OF CAULY SHALL BE APPLIED AT TOP SUPFACE OF FLOOR AND ASSUME SHALL SHALL BE APPLIED AT TOP SUPFACE OF FLOOR AND ASSUMED ASSUMED
- MIN 1 IN. (25 MM) THICKNESS OF MINERAL WOOL BATT INSULATION REQUIRED IN ANNULAR SPACE ON BOTH SIDES OF FLOOR OR WALL ASSEMBLY. MIN 1 IN. (25 MM) THICKNESS OF CAULK TO BE INSTALLED FLUSH WITH EACH SURFACE OF FLOOR OR WALL ASSEMBLY.

FIRE RATED CONDUIT PENETRATION DETAIL



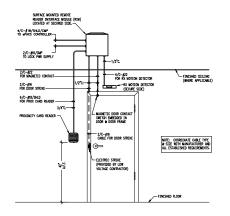
TYPICAL LONG RANGE READER @ "HSRD"

TYPICAL 'HSRD' ELECTRICAL SCHEMATIC SCALE: N.T.S.



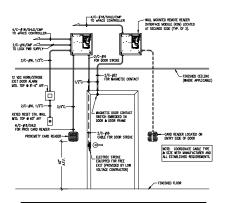
NOTES

- SUBMIT DETAILED AND COMPREHENSIVE FABRICATION DRAWINGS FOR APPROVAL. DRAWINGS SHALL INCLUDE WATERIALS, ELECT. DEVICES, DEVICE ATTACHMENT, HARDWARE SIZES, CLEARANCES, CONDUIT ENTRY, ARRANGEMENT OF ALL COMPONENTS AND OVERALL COORDINATION.
- ALL MOUNTING HARWARE SHALL BE STAINLESS STEEL TYPE STANDARD MACHINE THREAD. SELF-TAPPING SCREWS ARE NOT ACCEPTABLE. DRIL AND TAP LAL ATTACHMENTS.
- DIMENSIONS AND SIZINGS SHOWN ARE PROVIDED FOR GENERAL INTENT ONLY AND INDICATE THE RESULT TO BE ACHIEVED. ACTUAL DIMENSIONS AND SIZINGS SHALL REFLECT INDIVIDUAL SITE CONDITIONS.
- MOUNTING HEIGHT OF CARD RDR. & INTERCOM CALL-IN STATION ARE CRITICAL. COORDINATE THE ACTUAL MOUNTING HEIGHTS WITH ACTUAL SITE CONDITIONS.

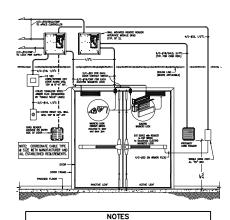


NOTES

PROVIDE ELECTRO MAGNETIC LOCK & SURFACE MOUNTED DOOR CONTACT FOR EXIST'G, DOORS NOT PRESENTLY EQUIPPED WITH &PACS DEVICES (UNLESS OTHERWISE NOTED).



- PROVIDE ELECTRO MAGNETIC LOCK & SURFACE MOUNTED DOOR CONTACT FOR EXIST'G. DOORS NOT PRESENTLY EQUIPPED WITH @PACS DEVICES (UNLESS OTHERWISE NOTED).
- EMERGENCY EXIT ALARM SHALL BE 12VDC, EQUIPPED WITH BATTERY BACK-UP AND PROVIDED BY THE LOW VOLTAGE SUBCONTRACTOR.



TYPICAL CARD READER - SINGLE DOOR CONFIGURATION

TYPICAL CARD READER - SINGLE DOOR CONFIGURATION

TYPICAL CARD READER - DOUBLE DOOR CONFIGURATION

EMERGENCY EXIT ALARM SHALL BE 12VDC, EQUIPPED WITH BATTERY BACK-UP AND PROVIDED BY THE LOW VOLTAGE SUBCONTRACTOR.

CARD READER AT GATE 'SI'
SCALE: N.T.S.

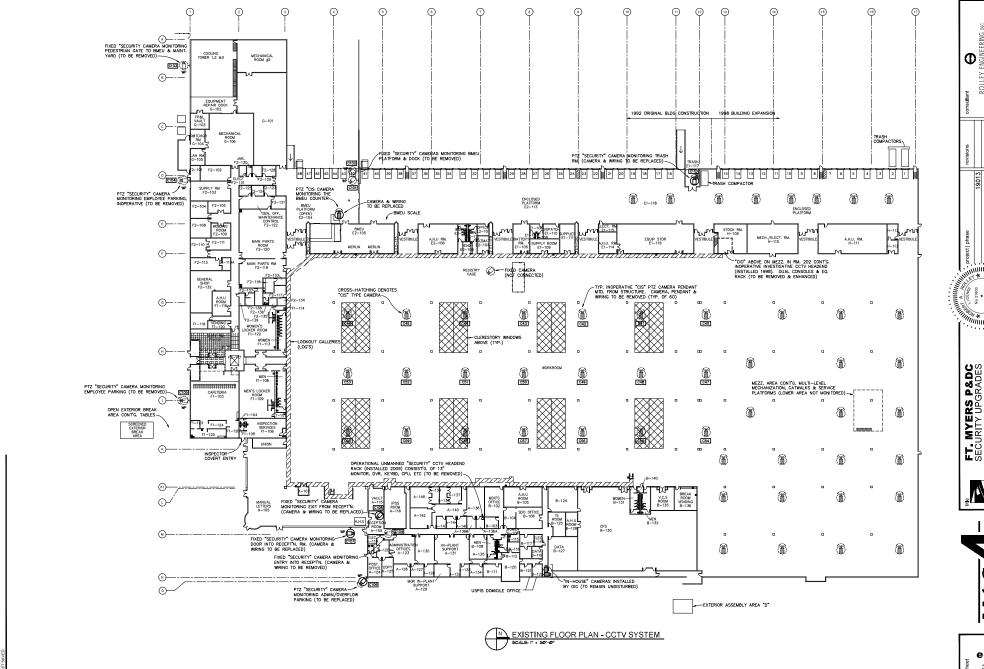
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FT. MYERS P&DC SECURITY UPGRADES

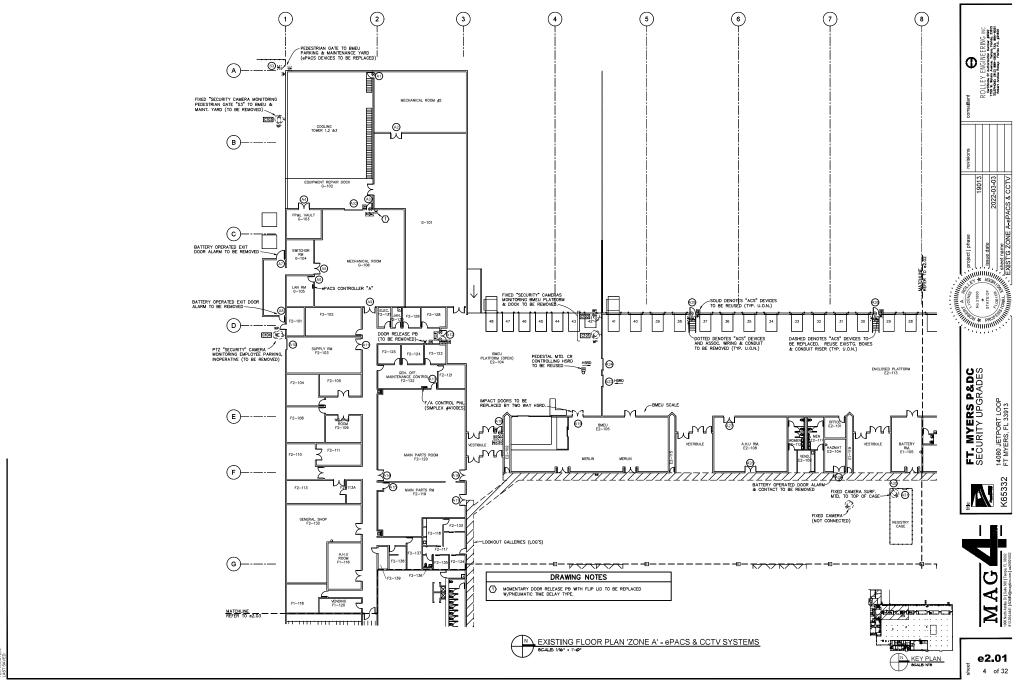
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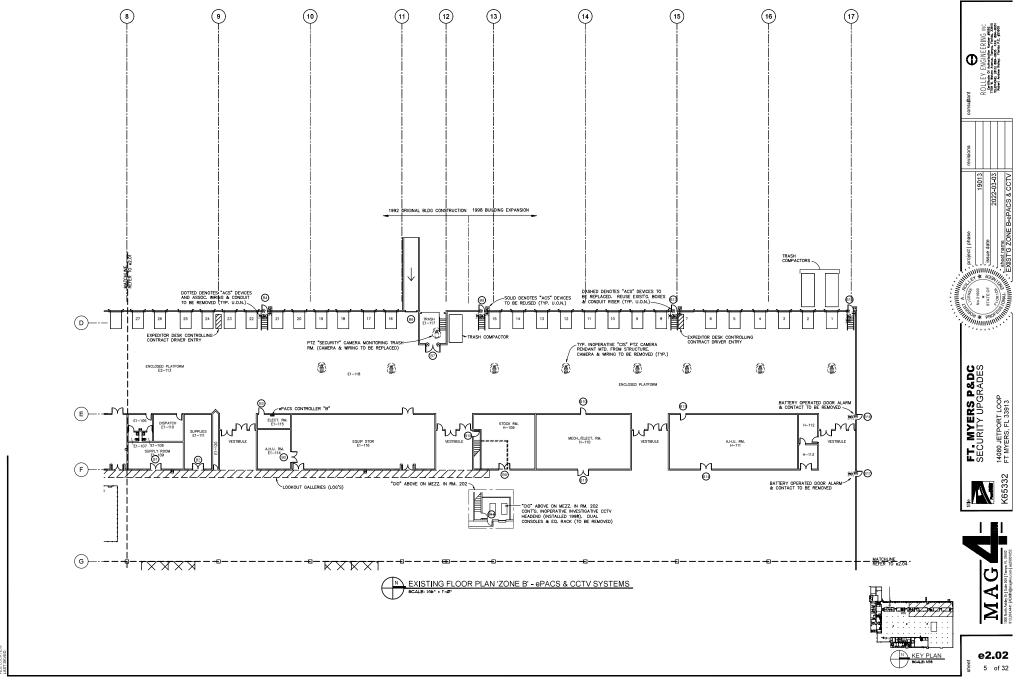


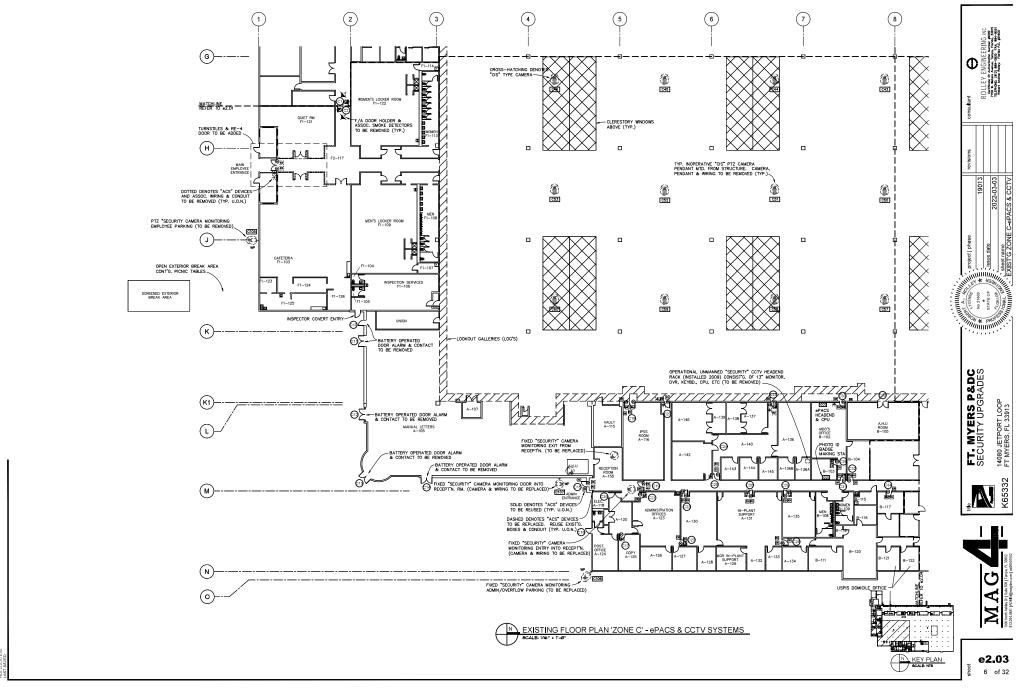
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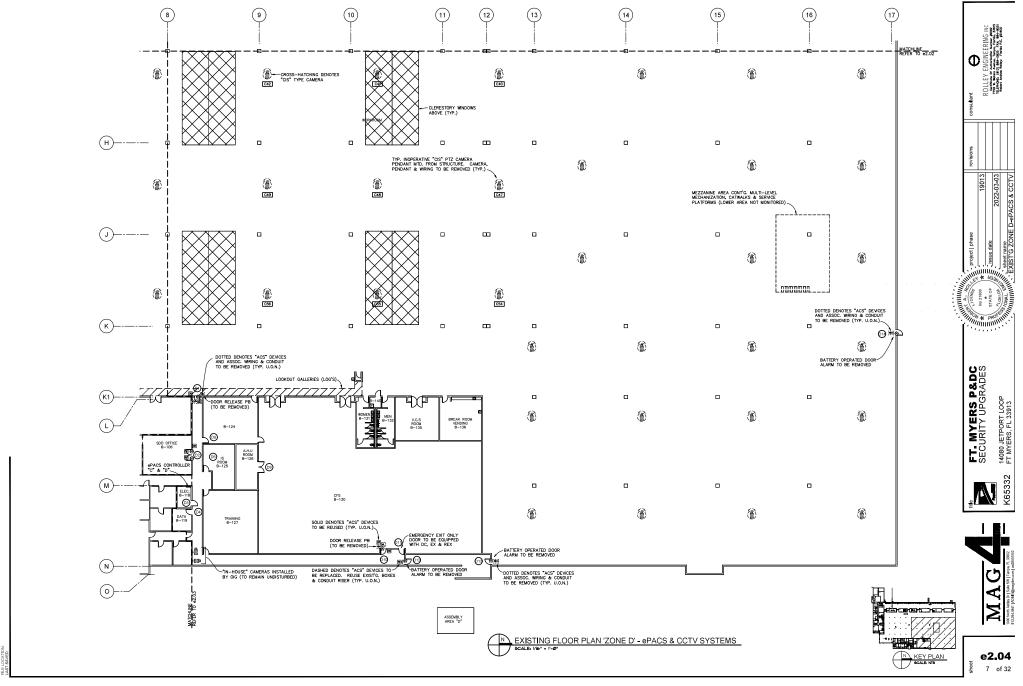
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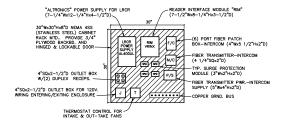
e1.01 3 of 32











- NOTES:

 1. ALL COMPONENTS SHALL BE SECURELY FASTENED TO THE BACKBOARD USING FACTORY
 1. ALL COMPONENTS SHALL BE SECURED VOOD SOREMS. EXCESS CABLE LENGTHS SHALL BE
 PROPERTY LOOPED AND SECURED USING HOOK & LOOP STRAPS; THE—WRAPS ARE NOT
 ACCEPTABLE.

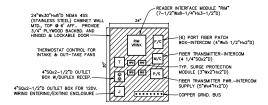
 1. ALL COMPONENTS SHALL BE SECURED USING HOOK & LOOP STRAPS; THE—WRAPS ARE NOT
 ACCEPTABLE.

 1. ALL COMPONENTS SHALL BE SECURED USING HOOK & LOOP STRAPS; THE—WRAPS ARE NOT
 ACCEPTABLE.

- ACCEPTABLE, WHINE ROUTED MY, THE CARRIET SHALL BE CONTAINED IN CONDUIT, OPEN 120 CUT WINNER OR NOT ACCEPTABLE.

 5. #PACS TERMINAL CARRIETS SHALL NOT CONTAIN COTV COMPONENTS. THE #PACS SYS. SHALL UNITED REPORTED WINNER, MACKIMYS & CARRIETS, ASSAULT OF THE CARRIETS, AND COMPET MINIOR CONFERNMENT OF THE CARRIET OF THE CARRIETS OF THE C

ePACS TERMINAL CABINET "S" (INTERIOR LAYOUT) - DETAIL



- NOTES:

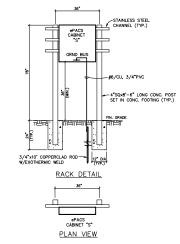
 1. ALCOMPONIDITS SHALL BE SCUPELY FASTENED TO THE BACKGOARD USING FACTORY
 1. ALCOMETS, A PROPORTHE WOOD SCREEN. DOCES CHEEL ELIGIBITS SHALL BE
 PROPERLY LOVED AND SECURED USING HOOK & LOOP STRAPS, THE WARDS ARE NOT
 ACCEPTABLE.

 2. THE 120 VOLT WIRNER ROUTED W/T THE CABBIET SHALL BE CONTAINED IN CONDUIT.
 OPEN 120 VOLT WIRNER SINDT ACCEPTABLE.

 3. SHALL UTILIZE HORPENDER! WHINER, RACKWINS COTH COMPONENTS. THE #PACS SYS.

 4. PROVIDE SURGE PROTECTION AT BOTH ENDS OF ALL LOW VOLTAGE COPPER WIRNE
 ENTERNO & ENTRING THE CABBIET. PROVIDE 120 VOLT SPD'S (EDOO #FAS—100F) @
 DUPLEX RECEP., (2) PER RECEP.

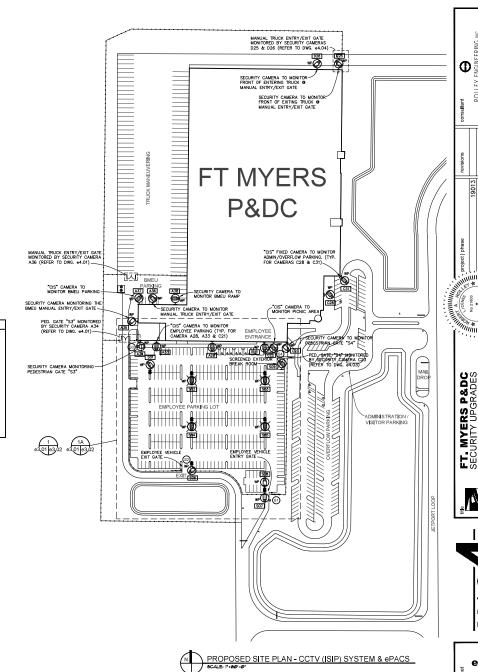
ePACS TERMINAL CABINET "N" (INTERIOR LAYOUT) - DETAIL

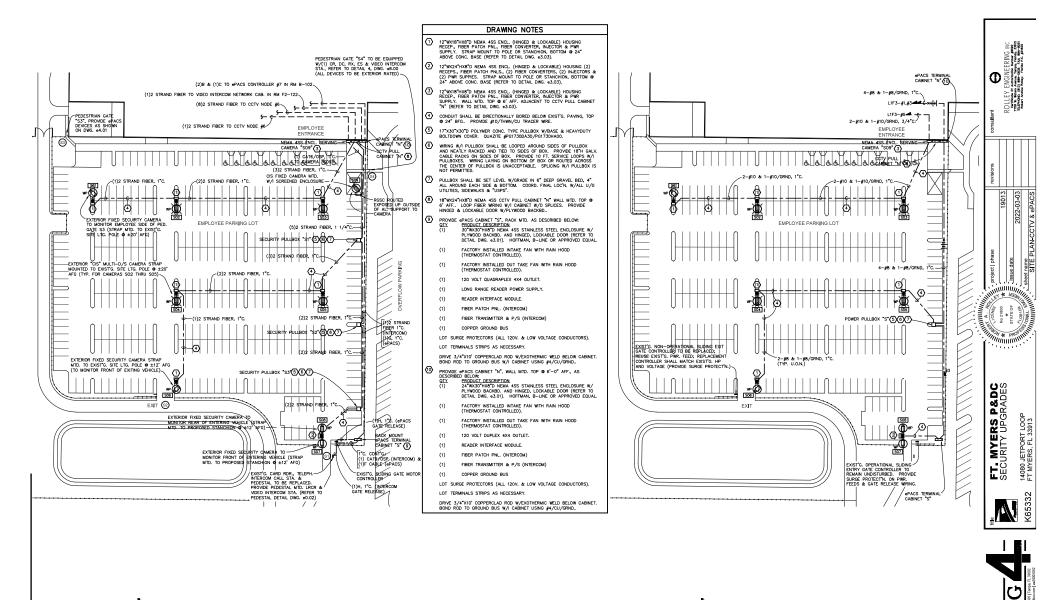


ePACS TERMINAL CABINET "S" - DETAIL SCALE: N.T.S.

COORDINATION NOTES - EXTERIOR SITE WORK

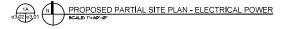
- ALL UNDERGROUND CONDUIT ROUTINGS SHALL BE COORD, WITH EXIST'G U/G UTILITIES PRIOR TO INSTALLATION OF CONDUIT, STITUATIONS EXIST WHERE CONDUITS AND UTILITIES OCCUPY THE SAME AREA.
- PRIOR TO INSTALLATION OF CONDUIT EXISTING U/G PIPING/CONDUIT SHALL BE TRACED USING "GPR" DETECTION AND MARKED. NEW TRENCHING SHALL BE "HAND DUG" TO AVOID EXISTING UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR SAW CUTTING AND PATCHING OF EXISTING PAVING.
- PROVIDE RED DETECTABLE WARNING TAPE 12" ABOVE ALL PROPOSED U/G CONDUIT ROUTINGS. TAPE SHALL BE SUITABLE FOR DIRECT BURIAL, 6"x4MILS & DETECTABLE BY METAL DETECTOR WHEN BURIED UP TO 2"-6" DEEP.
- 4. ALL UNDERGROUND CONDUITS SHALL BE BURIED, TOP @ 24" BFG, MINIMUM.
- ALL UNDERGROUND CONDUITS SHALL TURN UP THRU EARTH UTILIZING "RGSC" ELBOWS & RISERS.
- EXIST'G. ABANDONED U/G CONDUITS MAY BE REUTILIZED, IF FOUND ACCEPTABLE.
- SPLICES BELOW GRADE ARE NOT ACCEPTABLE.





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PROPOSED PARTIAL SITE PLAN - CCTV (ISIP) SYSTEM & ePACS

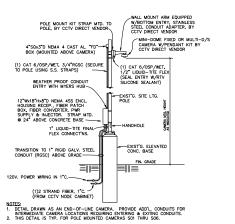


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- NOTES

 1. THE NEW AS DISCOURSE BACKBOARD, FREE TATH PIRE, 1973; RECEPS, 8, 120 VCLT, INNING.
 TRANSMITTERS AND POWER SUPPLIES ARE FURNISHED BY THE COTY DIRECT VEHICLE.
 TRANSMITTERS AND POWER SUPPLIES ARE FURNISHED BY THE COTY DIRECT VEHICLE.
 APPROPRIATE WOOD SCREEK, USE OF DOUBLE SHITLE SHITL, NOTE STREET,
 APPENDING THE SHALL HOT BE SCHOOL AND FOR THE NACTORS.
 A PATH CORDS SHALL BE AS LONG AS RECEIVED AND FOR THE NACTORS.
 A PATH CORDS SHALL BE AS LONG AS RECEIVED AND FOR THE NACTORS.
 A PATH CORDS SHALL BE AS LONG AS RECEIVED AND FOR EXAMPLE OF THE SHOOL AS POSSIBLE.
 BY THE SHOOL AND THE PROPRESSHED AND SCHOOL HOST AND THE SHOOL AS THE

NEMA 4SS EXTERIOR ENCLOSURE - SINGLE CAMERA POLE



POLE MOUNTED CAMERA DETAIL - SINGLE CAMERA (EXISTING CONSTRUCTION)

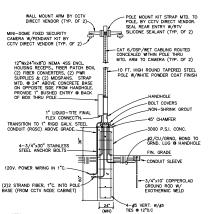
— (2) CAT 6/WET/OSP UP TO → POLE MOUNTED CAMERAS FACTORY INSTALLED 3/4" PLYWOOD BACKBD. POWER SUPPLY (3-3/4"Wx1-1/2"Hx2"D (TYP. 0F 2) f/T MDSPAN NUECTOR (5-1/2"W-2"H-2"D) P/S F/T (L) (L) 4"SQx2-1/2"D OUTLET BOX W/(2) DUPLEX RECEPS. -12"Wx24"Hx8"D NFM (6) PORT FIBER PATCH BOX (4"Wx 5-1/2"Hx2"D) ←12 MX24 HX8 D NEMA

4SS (STAINLESS STEEL)
ENCLOSURE STRAP MTD.
TO STANCHION
(PROVIDE PLYWOOD
BACKBD, AND HINGED
& LOCKABLE DOOR) 7© ©| (4 STRAND TERMINATED) 4"SQx2-1/2"D OUTLET BOX FOR 120V. WRING ENTERING/EXITING ENCLOSURE

- NOTES

 1. THE NEMA 485 ENCLOSURE, BACKROMAN, REST PATO THE STONS, RECEPTS, & 120 VOLT WINNO,
 1. THE NEMA 485 ENCLOSURE, BACKROMAN, REST PATO THE STONS, RECEPTS, & 120 VOLT WINNO,
 1. THE NEMA 485 ENCLOSURE PATO THE STON THE STON THE STONS RECEIVED AND THE STONE PATO THE STONE

NEMA 4SS EXTERIOR ENCLOSURE - DUAL CAMERA POLE



NOTES: THE DEFAULT STATE OF THE STATE OF THE

POLE MOUNTED CAMERA DETAIL - DUAL CAMERA (NEW CONSTRUCTION)

2022-03-03 sheet name POLE MTD. CAMERA DETAILS issue date Z1600

NEERING INC cetton Number 40002 Tomps, Florida, 33815 0035 FAS, 864-8001 Florida P.E. \$21600

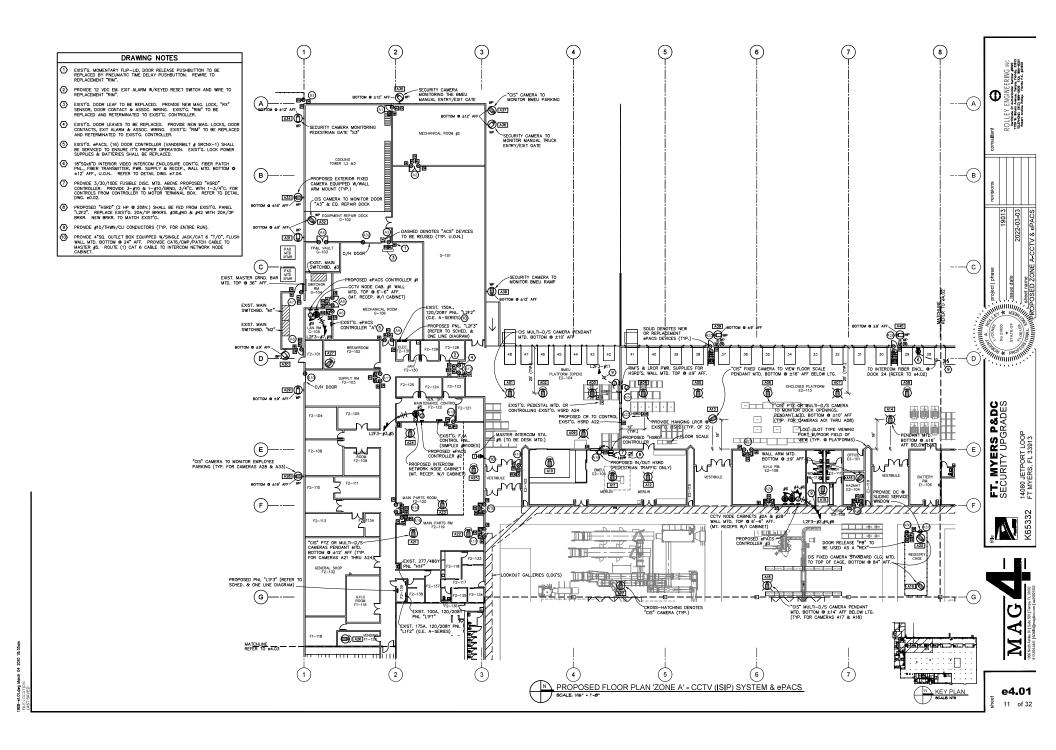
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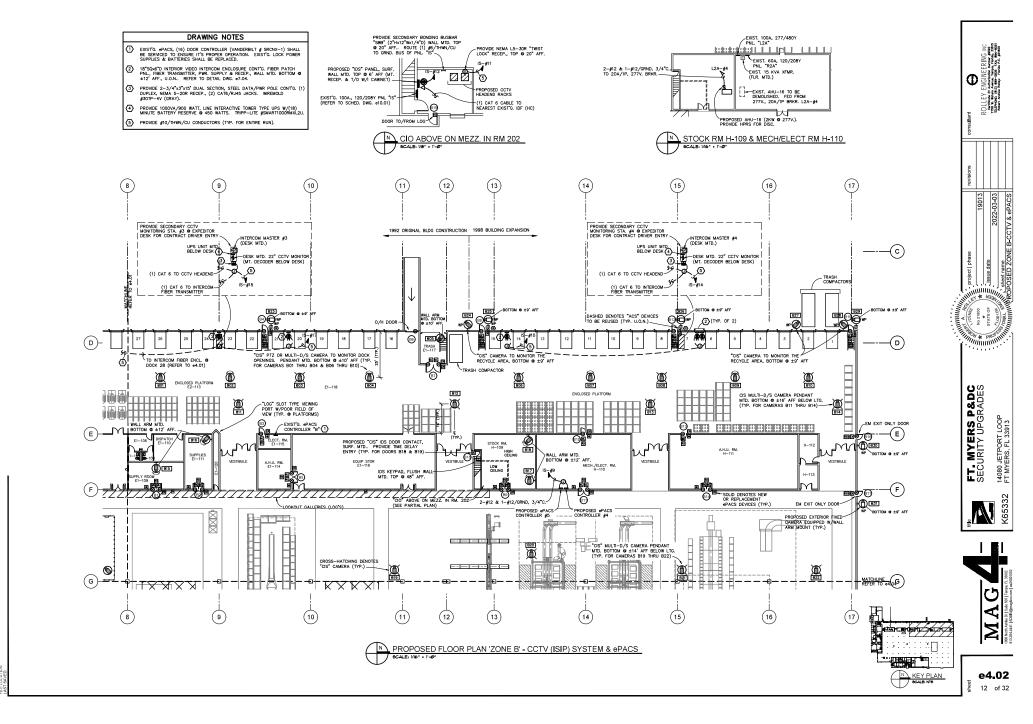
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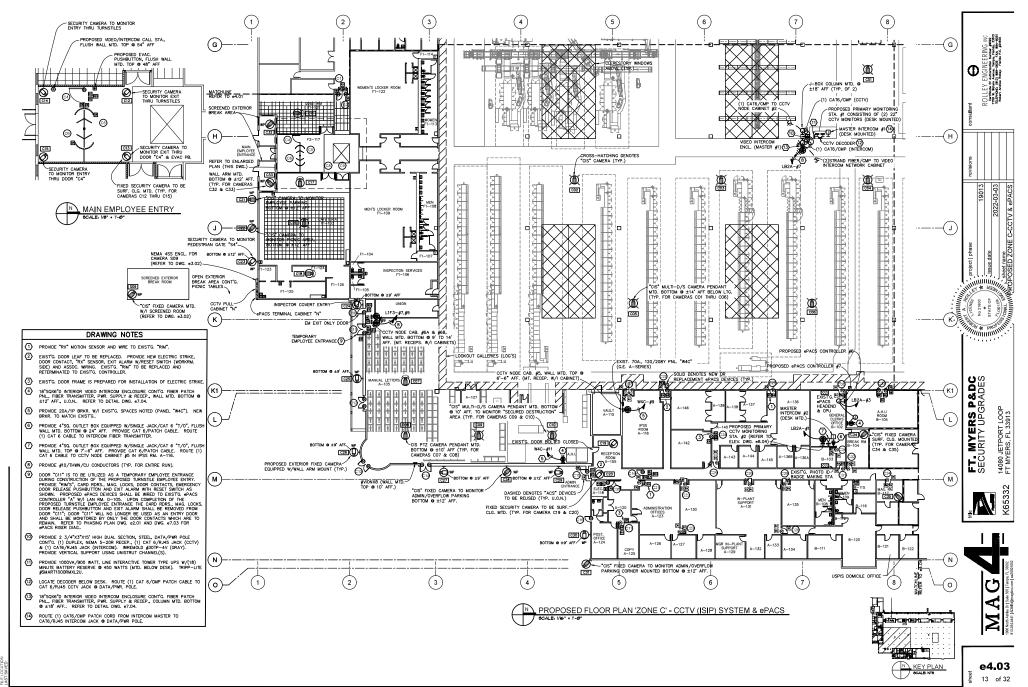


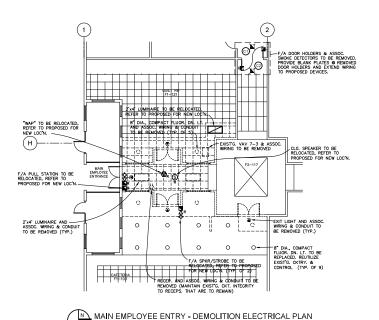


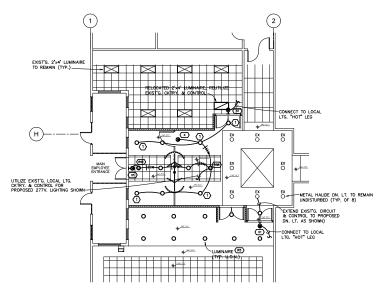
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PROPOSED MAIN EMPLOYEE ENTRY - LIGHTING

DRAWING NOTES

DOWNLIGHT SHALL BE ENCASED W/I THR FIRE RATED, GYPSUM DRYWALL

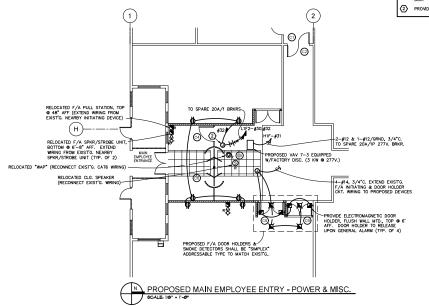
SON.

PROVIDE J-BOX & 120 VOLT CKTRY, FOR PROPOSED TURNSTILE.

				U	UMIN	ΑI	RE SCHEDULE			
MARK	WA	TTS	LAMP		VOLTS		DESCRIPTION	COMMENTS		
(8)	1:		LED ARRAY (1500 LUMENS) (4000'K)		120/277V		6" OPEN "LED" DOWNLIGHT W/WHITE REFLECTOR/TRIM. GOTHAM, JEVO8-40/15-6WR-MD-LD- MVOLT-EZ10	RECESS MTD. (SELF FLANGED)		
(2)	_				120/277-	-6V	SAME AS TYPE "R5A" EXCEPT EQUIPPED W/ INTEGRAL BATTERY PACK. GOTHAM, BEVOR-40/15-WR-MD-LD- MYOLT-EZ10-EL			
⊗			LED LIGHT SOURCE				SINGLE FACE BATTERY OPERATED "LED" TYPE EXIT LIGHT WUNNIVERSAL ARROWS, RED LETTERS, NICKEL CADMILM BATTERY, POLYCARBONATE HOUSING & WHITE FINISH. LITHONIA #LQM-S-W-3-R-120/277-ELN-SD	TOP MTD. (SUPPORT FROM STRUCTURE ABOVE)		
(XI)							SAME AS TYPE "X" EXCEPT BACK MOUNTED. LITHONIA #LOM-S-W-3-R-120/277-ELN-SD	BACK MOUNTED ABOVE DOOR OR TOP @ 7'-6" AFF.		

NOTE:

- 1. PROVIDE LUMINAIRE SUBMITTAL FOR ENGINEER'S APPROVAL, PRIOR TO INSTALLATION.
- 2. ALL METAL COMPONENTS OF LUMINAIRES SHALL BE FACTORY PAINTED AFTER FABRICATION.
- 3. ALL EMERG. BATTERY PACKS SHALL PROVIDE 90 MINUTES OF ILLUMINATION @ 700 LUMENS





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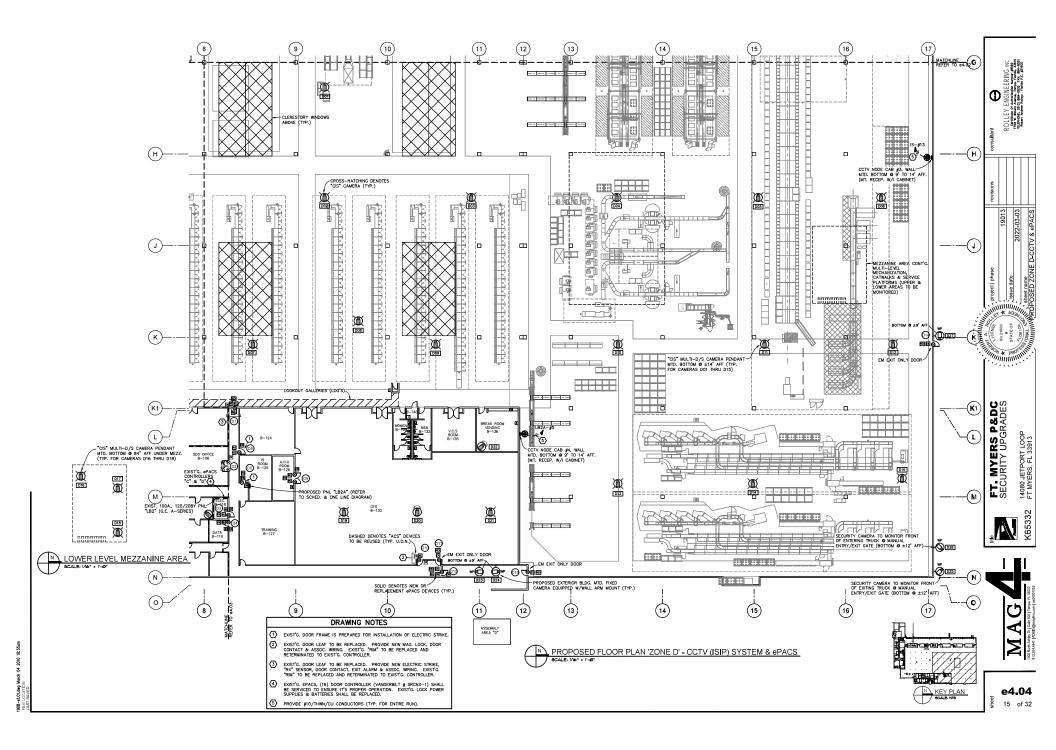
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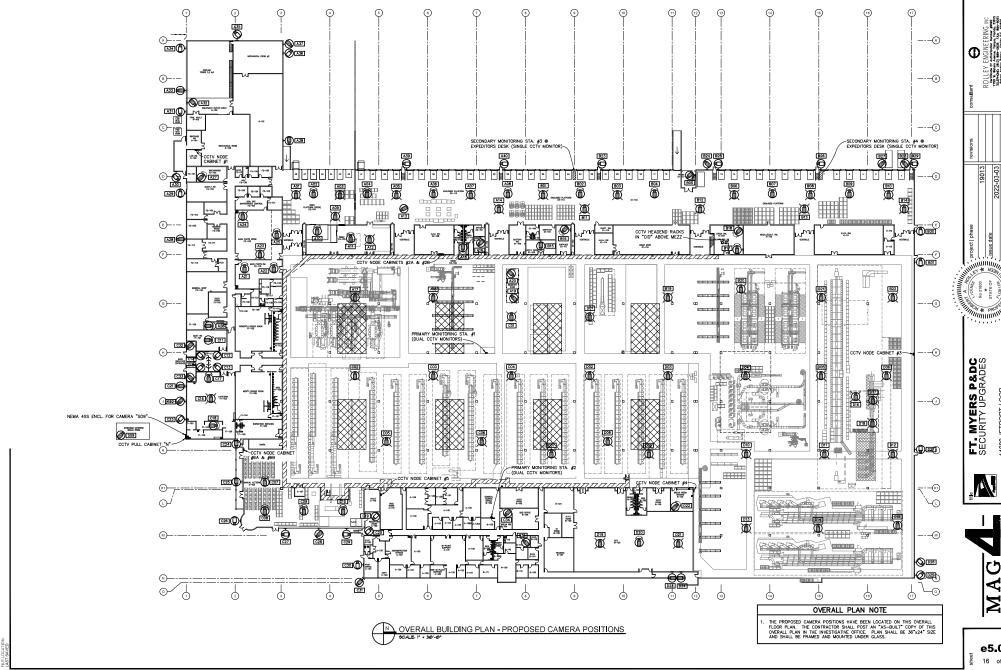
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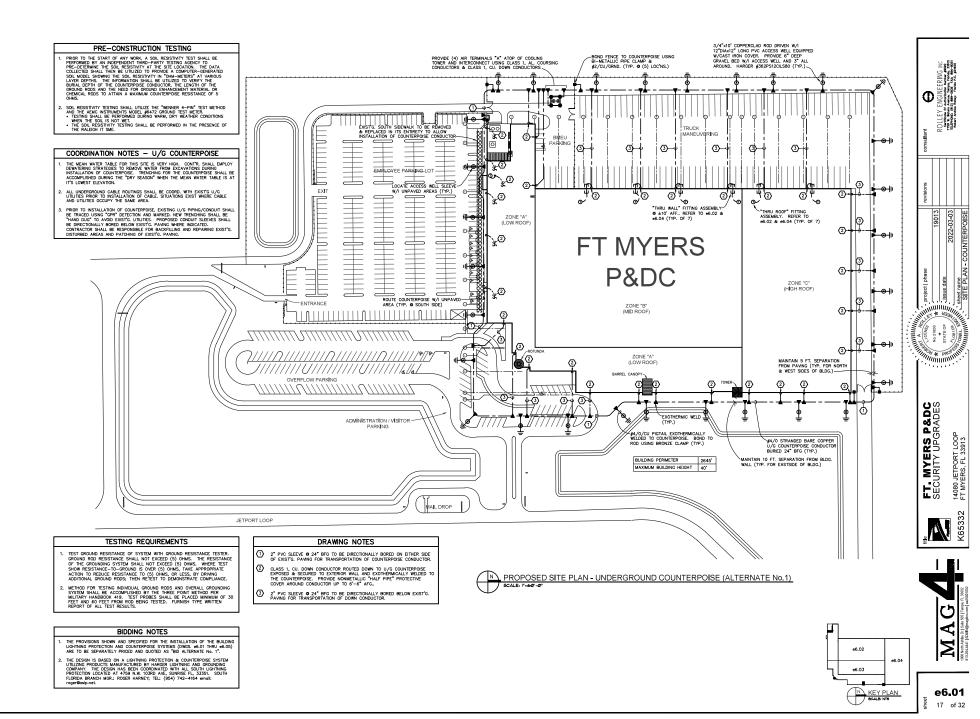
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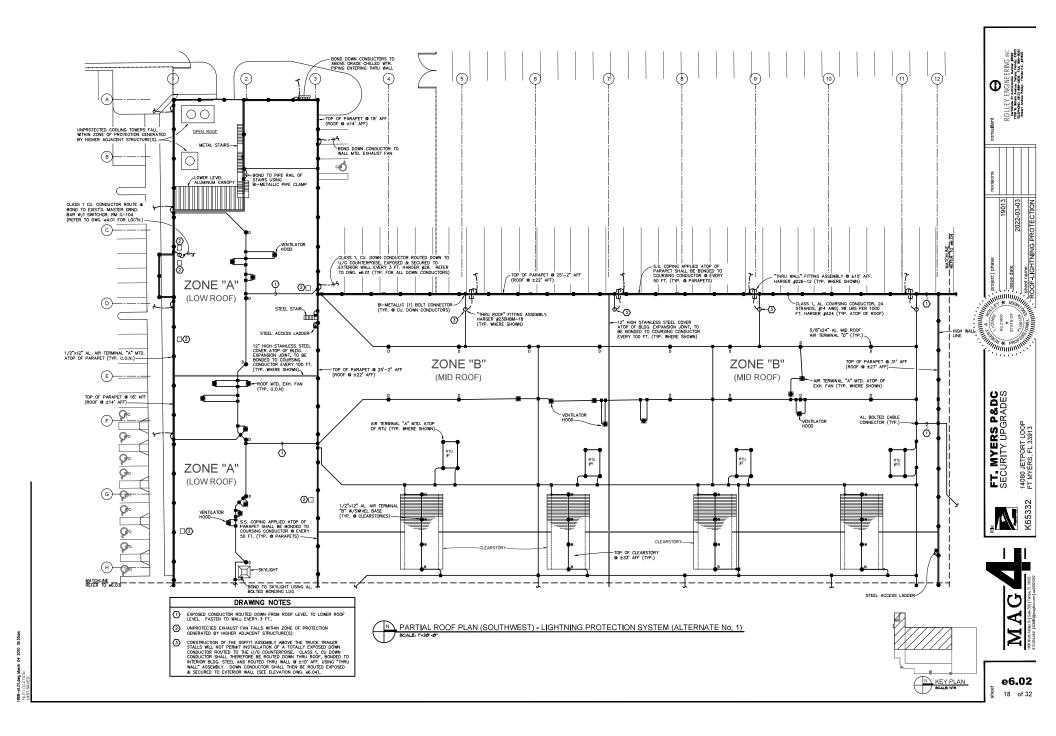


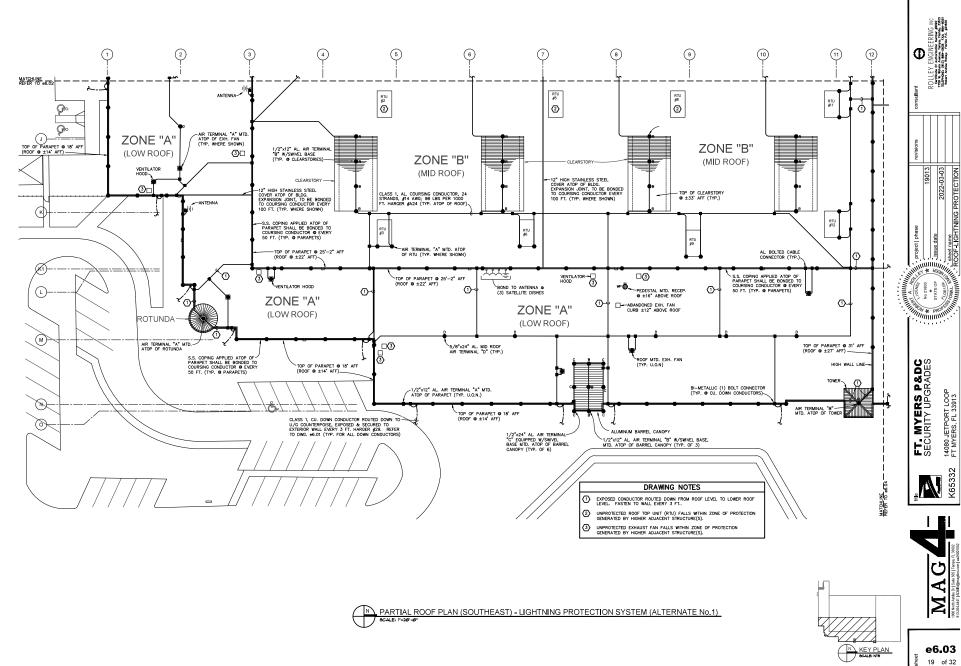


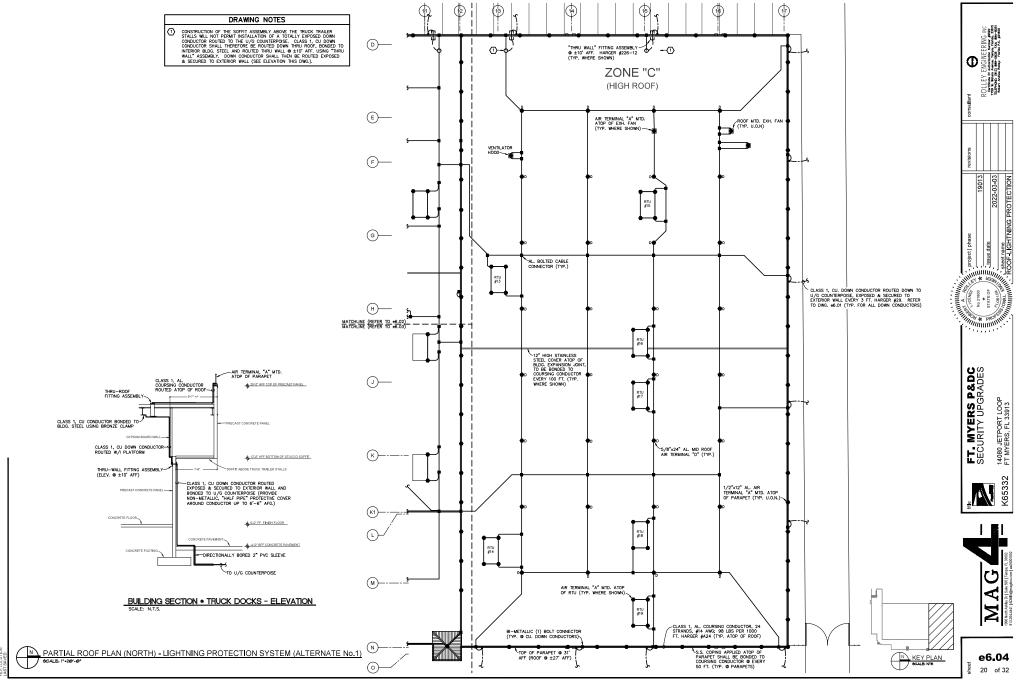
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ALL MATERIAL AND COMPONENTS SHALL BE USTED AND/OR CERTIFIED TO INDICATE THAT (1) THEY HAVE BEEN MANUFACTURED FOR USE IN LIGHTNING PROTECTION SYSTEMS UNDER THE COCE PROVISIONS LIPI-176 AND (2) THEY HAVE BEEN TESTED AND INSPECTED FOR COMPLIANCE WITH LIPI-176 BY A RECOGNIZED INDEPENDENT TESTING AGENCY, DESIGNATED BY THE INSTITUTE. THE COMPLETED INSTALLATION SHALL BE CERTIFIED BY UNDERWRITERS LABORATORIES (U.L.) WITH A "MASTER LABEL CERTIFICATE" COMPLAINT WITH UL 96A (13TH EDITION) ROOF COURSING CONDUCTORS SHALL INTERCONNECT ALL AIR TERMINALS INCLIDING THOSE ON ROOF PROJECTIONS AND SHALL AFFORD A TWO WAY PATH TO GROUND FROM THE BASE OF EACH AIR TERMINAL. ROOF CONDUCTORS SHALL BE COURSED THROUGH OR AROUND OBSTRUCTIONS IN A HORIZONTAL PLANE WITH MAIN CONDUCTORS.

ALL METALLIC PIPING (WATER, FIRE, SANITARY, STORM, ETC.) AND CONDUCTIVE SERVICES (COAX, ANTENNA, ETC.) WHICH ENTERS THE PROTECTED BUILDING SHALL BE BONDED TO THE LIGHTNING PROTECTION SYSTEM

LIGHTNING PROTECTION SYSTEM NOTES

THE LIGHTNING PROTECTION SYSTEM SHALL BE INSTALLED IN CONFORMANCE WITH A U.L. MASTER LABEL AND SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 780 & U.L. 96A.

COPPER LIGHTNING PROTECTION MATERIALS SHALL NOT BE INSTALLED ON ALUMINUM ROOFING OF SIDNIC MATERIAL OR OTHER ALUMINUM SURFACES; AND ALUMINUM LIGHTNING PROTECTION MATERIALS SHALL NOT BE INSTALLED ON COPPER SURFACES, ECT.

NO BEND OF A CONDUCTOR SHALL FORM AN INCLUDED ANGLE OF LESS THAN 90 DEGREES NOR HAVE A RADIUS BEND LESS THAN 8 INCHES, THIS RADIUS REQUIREMENT IS NOT APPLICABLE WHERE APPROVED CLAMPS OR CONNECTORS ARE USED TO ACCOMPLISH CABLE BENDS.

CONDUCTORS SHALL MAINTAIN A HORIZONTAL OR DOWNWARD COURSE, FREE FROM "U" OR "V" (DOWN AND UP) POCKETS.

. AIR TERMINALS SHALL EXTEND ABOVE THE OBJECT TO BE PROTECTED NOT LESS THAN 10 INCHES.

10. AR TERMALY SMALL SE FLUCES ON ALL TOOT PRINCETINGS PROJECTINGS
OF THE TRANSPORT OF THE TOO THE TOO

AIR TERMINALS SHALL BE PLACED AT OR WITHIN 2 FEET OF THE EDGE AND CORNERS OF THE ROOF AND SHALL BE SPACED AT 20' MAXIMUM ABOUT THE PERIMETER.

7. ADHESIVE CABLE FASTENERS SHALL BE SPACED NOT MORE THAN THREE FEET APART ON ALL CONDUCTORS. ADHESIVE USED WITH ADHESIVE AIR TERMINAL BASES AND CONDUCTOR FASTENERS SHALL BE HARGER ANT STRUCTURAL SEALANT TYPE, VERBY WITH ROOFING CONTRACTOR.

FLAT OR GENTLY SLOPING ROOFS THAT EXCEED 50 FT. (15M) IN WIDTH OR LENGTH SHALL HAVE ADDITIONAL STRIKE TERMINATION DEVICES LOCATED AT INTERVALS NOT TO EXCEED 25 FT (7.6M).

4. GALVANIZED OR PLATED STEEL NAILS, SCREWS OR BOLTS ARE NOT ACCEPTABLE.

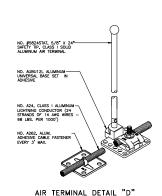
15. MASANEY ANGIOS SHALL LIME , DIMETER OF HOT LESS THAN 1/A INCOME
PROBLEM OF THE MASANE CONTROLLED THE MASANE OF THE MASANE OF

16. BOLTED COMPRESSION CONNECTOR FITTING SHALL BE USED ON ALL LIGHTNING CONDUCTORS AS "END-TO-END", "TEE" OR "Y" SPLICES. THEY SHOULD BE ATTACHED SO AS TO WITHSTAND A PULL TEST OF 200 POWNDS.

. RITINGS FOR CONNECTION OF METAL TRACKS, CUTTESS, DOMISSIOUTS, VENTILATORS OR OTHER METAL PARTS ABOUT THE STRUCTURE SHALL BE OF AN ACCEPTABLE THE MADE THAT TO THE GREET BY COMPRESSION LARGE BOLT HEADS OF THE APPROVED TYPE. BOLTED CLAMPS AND SPLICERS OF CAST METAL SHALL BE ONLY USED.

B. ALL ROOF PENETRATIONS SHALL BE SEALED, METHOD OF SEALING SHALL BE APPROVED BY THE ROOFING SUBCONTRACTOR. THE LUGHTHING PROTECTION SUBCONTRACTOR SHALL FROM SULCON REMBER ROOTS FOR ALL ROOF PENETRATIONS, BOOTS SHALL BE INSTALLED BY ROOFING SUBCONTRACTOR. COORD. ALL USE OF ROOF ADMESTIC WITH THE ROOFING SUBCONTRACTOR.

Contractor Shall Subbit shop prawing of lightning protection system for exigneers approval. Shop drawings shall include types and location of all ar terminals, conductors, connectors, ground rods, methods and types of bonding, subbit catalog cuts of all equipment.



ADHESIVE CABLE HOLDER EVERY 3' MAXIMUM

AIR TERMINAL DETAIL "C"

AIR TERMINAL DETAIL "B"

NO 1212ALAT, 1/2" X 24"

NO. AUBS12, ALUMINUM SWIVEL BASE SET IN ADHESIVE, PLUMB AIR TERMINAL AFTER ADHESIVE HAS SET.

ALUMINUM LIGHTNING CONDUCTOR

NO, 1212ALAT, 1/2" X 12

ADHESIVE, PLUMB AIR TERMINAL AFTER ADHESIVE

NO. A24, CLASS I ALUMINUM LIGHTNING CONDUCTOR

NO. OPC-X, TINNED BRONZE NO. APC-X, ALUMNUM STRAP TYPE PIPE CLAMP

NTS

SURGE PROTECTION REQUIREMENTS

PER NFPA 780 (2020), SECTION 4.20 SURGE PROTECTION DEVICES MUST BE INSTALLED AT THE SERVICE ENTRANCE(S). THE EXIST'G, FACILITY IS EQUIPPED WITH 5/12 277/480Y MAIN SWITCHBOARDS (REFER TO DWG. 44.01); NONE OF WITH ARE EQUIPPED WITH SURGE PROTECTION. THESE

MONE OF WITH ARE EQUIPMEN WITH SURGE PROTECTION. THESE

WINTCHEARDS SHALL BE EQUIPMENT HIS PO'S AS ESCRIBED BELLOW.

E. ESISTIG, MAIN SWITCHEOARD "MI"

I) EXISTIC AMAIN SWITCHEOARD "MI"

I) EXISTIC AMAIN SWITCHEOARD "MI"

I) EXISTIC AMERIC "BADD" SHALL BE REPLACED WITH

MINI-1" (BRING, ISL ARRED, "BADD" SHALL BE REPLACED WITH

MATCH EDISTIC (SEE SPECTIAR RUIS, CURRENT LUMITING BS FANC

STALE SPECIAL SHATONE RATED, TYPE I 2777/480Y, SPD

(SCO)/APT JECOMAS—20—E1—T) EQUIPMED WITH INTEGRAL

THOU-DOOR DISCONNECT. THE "SMO" SHALL BE FED FROM THE

REPLACEMENT AND ASTALL BE WALL MOUNTED HERE BY BY THE SHATON

1-1/2°C, AND STALL BE WALL MOUNTED HERE BY BY THESE. "MI"

.

b. EXISTG MAIN SWITCHBOARD TWZ.

1) THE SWITCHBOARD TWZ.

1) FROUGE SWZ.

1) FROUGE SWITCHBOARD TWZ.

1) FROUGE SWITCHBOARD TWZ.

1) FR

NTS

NO. 1212ASAT, 1/2" X 12' SAFTEY TIP CLASS I SOLID ALUMINUM AIR TERMINAL

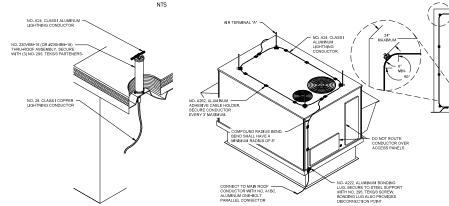
NO. AUBU12I, ALUMINUM-UNIVERSAL BASE SET IN ADHESIVE

NO. A24, CLASS I ALUMINUI

NO. A262, ALUM. ADHESIVE CABLE FASTENER EVERY 3'

AIR TERMINAL DETAIL "A"

- AIR TERMINAL TYPE "D"



THRU-ROOF DETAIL

NTS

TYPICAL ROOFTOP UNIT DETAIL

e6.05







NO. 222, SRONZE HEWY DUTY BONDING LUG

TOP VIEW

AND SPALL BE WINDOWN \$2. NINGROUPS.

PLANT SHUDDOWN FER SPD'S & INSTALLATION OF THE FEEDER BRIKES.

MIL REQUIRE SHUDDOWN OF ERSOYLE, SMYCHRO'S, MI, M2 & M3.

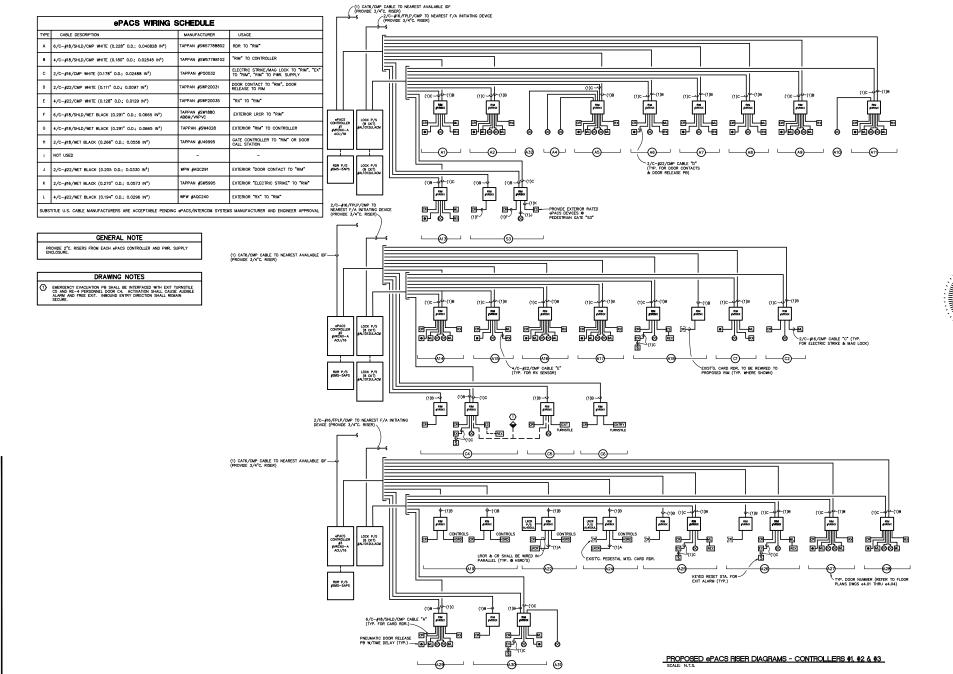
MIL REQUIRE SHUDDOWN OF ERSOYLE, SMYCHRO'S, MI, M2 & M3.

(3) SEPARATE SHUDDOWN SERVICE SESSIMILL OF THE WORK SHALL BE SHEED LIVED WITH THE PLANT MANGER (7) DAYS IN ADVANCE.

COODIN, ALL MORK TO ALLOW THE COMPLETION OF THE TASKS(S) WITH SHUDDOWN SCHOOL TOO SHALL SHUDDOWN SCHOOL TOO SHALL SHUDDOWN SCHOOL TOO SHUDDOWN SOOD SHOULD SHUDDOWN SOOD SHOULD SHUDDOWN SOOD SHOULD SHUDDOWN SOOD SHUDDOWN SOOD SHUDDOWN SOOD SHOULD SHUDDOWN SOOD SHUDDOWN SOOD SHOULD SHUDDOWN SOOD SHUDDOWN SOOD SHOULD SHUDDOWN SOOD SHUDDOWN SO

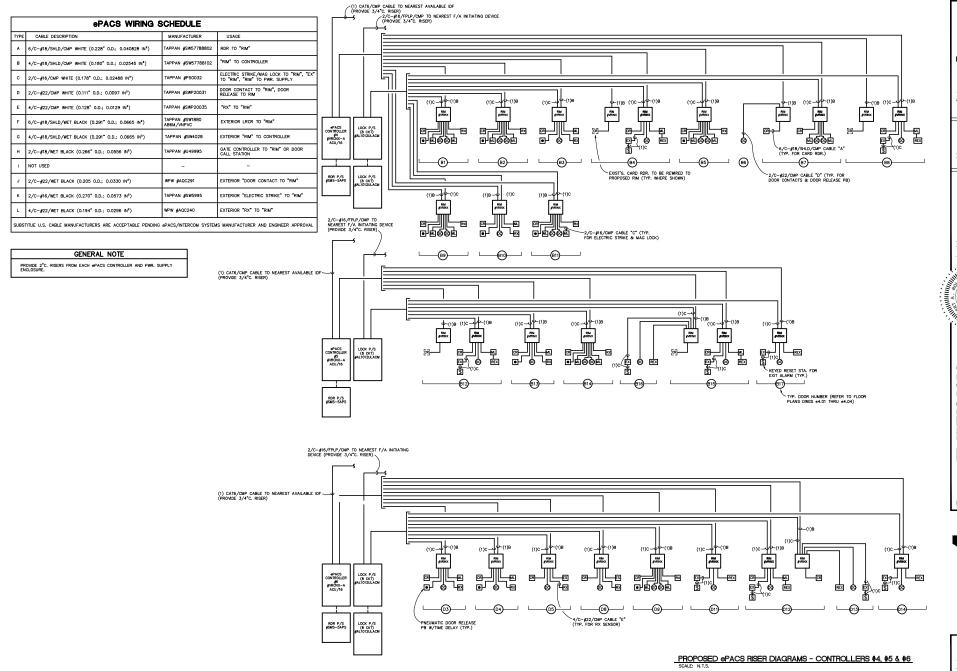
COURSING CONDUCTOR NO. BIBC, BRONZE NO. BMIBC, BI-METAL NO. AIBC, ALUMNUM I BOLT PARALLEL CLAMP NO. 213, BRONZE NO. A213 ALUMNUM CABLE TO FLAT NO. 217, TINNED BRONZI NO. A217, ALUMINUM BONDING PLATE ADHESIVE BASE PLATE SET IN ROOF MASTIC, TYP 01 NO. 216, BRONZE NO. A216, ALUMNUM SERVICION BOMBON LINE NO. 211, BINETAL CONNECTOR MID-ROOF AIR TERMINALS AND ADHESIVE CABLE FASTENERS TO BE INSTALLED ON THE ROOF MEMBRANE SHALL BE EQUIPPED W/ 8"SQ. WALKWAY PADS SET UPON THE ROOF MEMBRANE. TYPICAL BONDING / SPLICING DETAILS MID-ROOF AIR TERMINAL MOUNTING DETAIL

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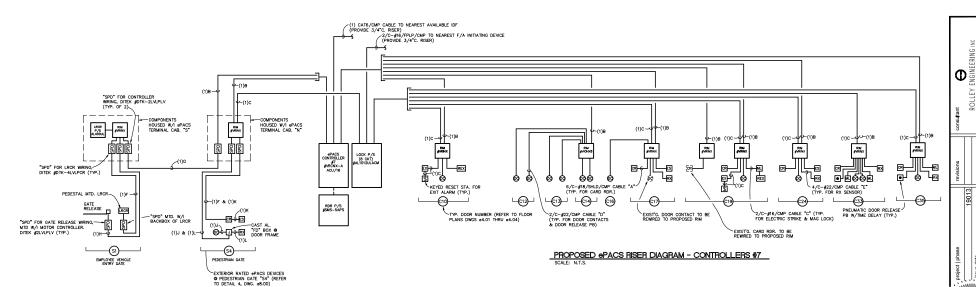
FT. MYERS P&DC SECURITY UPGRADES 14080 JETPORT LOOP FT MYERS, FL 33913

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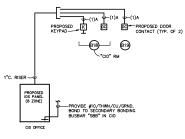
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TYPE	CABLE DESCRIPTION	MANUFACTURER	USAGE
Α	6/C-#18/SHLD/CMP WHITE (0.228" 0.D.; 0.040828 IN ²)	TAPPAN #SW57788802	RDR TO "RIM"
В	4/C-#18/SHLD/CMP WHITE (0.180" O.D.; 0.02545 IN ²)	TAPPAN #SW57788102	"RIM" TO CONTROLLER
С	2/C-#16/CMP WHITE (0.178" 0.D.; 0.02488 IN ²)	TAPPAN #P50032	ELECTRIC STRIKE/MAG LOCK TO "RIM", "EX" TO "RIM", "RIM" TO PWR. SUPPLY
D	2/C-#22/CMP WHITE (0.111" 0.D.; 0.0097 IN ²)	TAPPAN #SWP20031	DOOR CONTACT TO "RIM", DOOR RELEASE TO RIM
E	4/C-#22/CMP WHITE (0.128" 0.D.; 0.0129 IN ²)	TAPPAN #SWP20035	"RX" TO "RIM"
F	6/C-#18/SHLD/WET BLACK (0.291" O.D.; 0.0665 IN ²)	TAPPAN #SW1880 AB6M/VNPVC	EXTERIOR LRCR TO "RIM"
G	4/C-#18/SHLD/WET BLACK (0.291" O.D.; 0.0665 IN ²)	TAPPAN #SW4028	EXTERIOR "RIM" TO CONTROLLER
н	2/C-#18/WET BLACK (0.266" O.D.; 0.0556 IN*)	TAPPAN #U49995	GATE CONTROLLER TO "RIM" OR DOOR CALL STATION
1	NOT USED	-	-
J	2/C-#22/WET BLACK (0.205 O.D.; 0.0330 IN ²)	WPW #AQC291	EXTERIOR "DOOR CONTACT TO "RIM"
к	2/C-#16/WET BLACK (0.270" O.D.; 0.0573 IN*)	TAPPAN #SW5995	EXTERIOR "ELECTRIC STRIKE" TO "RIM"
L	4/C-#22/WET BLACK (0.194" 0.D.; 0.0296 IN ²)	WPW #AQC240	EXTERIOR "RX" TO "RIM"

		G	ENE	RAL	NOTE				
PROVIDE 2"C. ENCLOSURE.	RISERS	FROM	EACH	ePACS	CONTROLLER	AND	PWR.	SUPPLY	



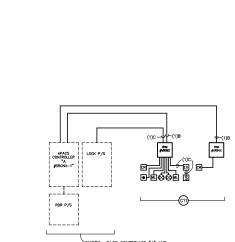
"IDS" CABLE LEGEND "A" 8/C-#22/CL3P/CMP

INTRUSION DETECTION SYSTEM (IDS) RISER DIAGRAM

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EXIST'G. ePACS CONTROLLER "A" AND ASSOC. PWR. SUPPLIES W/I LAN RM. G-105 (CONTROLLER TO BE SERVICED TO ENSURE PROPER OPERATION. LOCK POWER SUPPLIES & BATTERIES TO BE REPLACED).

PROPOSED ePACS RISER DIAGRAM - EXISTING CONTROLLER 'A'
SCALE: N.T.S.

NOTES INE BISS OF DESCRIPTOR THE MORE DISTRICTION SYSTEM IS THE APPROVE TWO SERIES." TOWARDLY, CAT IS MINOR IS UTILIZED FOR RETERACIAN DISTRICTION STO THE NETWORK DOES OF A UTILIZED TO THE NETWORK MODE CABBET SHALL UTILIZE FIRES CABLING, FIBER PATCH PARLES AND FIBER TRANSMITTERS, PRECEIVERS.

SURGE PROTECTION MODULES (SPD'S) SHALL BE PROVIDED ON EACH END OF ALL EXTERIOR CAT 6 & LOW VOLTAGE CABLE RUNS. SPD'S ARE ALSO REQUIRED UPON CABLING ENTERING OR EXITING THE BUILDING. ALL WALL MOUNTED COMPONENTS SHALL BE PROVIDED WITH 3/4°C. RISERS. PROVIDE 2-2°C. RISERS @ THE NETWORK NODE CABINET. PROVIDE CAT 6 PATCH CORDS (24" LONG) FOR PATCHING FROM THE PATCH PANEL TO THE PoE+ SWITCH.

PROVIDE 1000VA/900W LINE INTERACTIVE, RACK MTD. UPS W/18 MINUTE BATTERY RESERVE @ 450 WATTS. TRIPP-LITE #SMART1000RMXL2U.

. CALL-IN DOOR STATIONS ARE EQUIPPED W/INTEGRAL POE PASS THRU AND (2) FORM C, DRY CONTACTS FOR DOOR & GATE RELEASE.

FIBER CABLING NOT ROUTED WITHIN CONDUIT SHALL BE ENCASED WITHIN APPROPRIATELY SIZED INNERDUCTS; UTILIZE PLENUM RATED WHERE REQUIRED REFER TO SPEC. SECTION 275117 FOR APPLICABLE CABLING PRODUCT SPECIFICATIONS.

SLIM-LINE FIBER PATCH PNL., FIBER TRANSMITTER, PWR. SUPPLY & RECEP. SECURELY MTD. W/I
18°S0x6°D HINGED & LOCKABLE, NEMA 1 ENCLOSURE (REFER TO FLR. PLANS FOR LOCN. (TYP. U.O.N.)

F/0

MASTER #3 #X-MV7-W

F/C W/C

卣

DRAWING NOTES

EXTERIOR DOOR CALL-IN STAS. EQUIPPED W/SPD'S REQUIRE A LARGER BACKBOX. PROVIDE AIPHONE #IX-DVF STAINLESS STEEL PINL W/
10 1/2"Hx6"W STAINLESS STEEL SURF. MOUNT BACKBOX #SBX-IDVF.

PRIMARY CCTV
ONITORING STA #3
(EXPEDITOR DESK
ODCK 24)

PRIMARY CCTV
MONITORING STA #4
(EXPEDITOR DESK
ODCK 7))

CAT 6, SINGLE JACK "T/O" (TYP. OF 4)

-CAT 6/CMP CABLE (TYP.)

MASTER #4 #X-MV7-W

MAIN PARTS RM F2-120

VIDEO INTERCOM & GATE/DOOR RELEASE MASTER STATION (TYP. OF 5)

F/C

囱.

MASTER #2

PRIMARY CCTV MONITORING STA #2 (GEN. CLERKS OFF B-102)

①

F/2 W/3-

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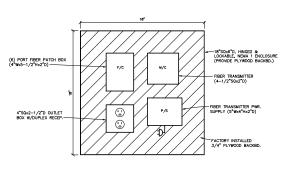
MASTER #1

PRIMARY CCTV MONITORING STA #1 (SDO DESK WORKRM COLUMN H/7)

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TYPICAL INTERIOR VIDEO INTERCOM FIBER ENCLOSURE

DOOR RELEASE

"VIDEO INTERCOM DOOR STA. W/STAINLESS STEEL PNL., FLUSH WALL MTD. TOP © 54" AFF.. AIPHONE #X-DVF W/RECESSED FACTORY BACKBOX (TYP. © DOORS A12, C4 & C15)

-(C4)-

(2) STRAND FIBER/CMP (TYP. U.O.N.)

F/C W/C

৷

(15)

CATE/CMP PATCE CABLE TO DESK MASTER UNIT (TO

DOOR RELEASE

NOTES: 1. ALL COMPONENTS SHALL BE SECURELY FASTENED TO THE BACKBOARD USING FACTORY BRACKETS & APPROPRIATE WOOD SCREWS. USE OF DOUBLE SIDED, ADHESIVE HOOK & LOOP STRAPS IS NOT ACCEPTIBLE.

ACCEPTABLE. THOSE SHEETS, SEE OF USERS SHEETS AND ACCEPTABLE.

PROVIDE 2 FT. LONG, CONDUIT SELEVES COUPPED MYSSIMS TO PROTECT OFEN CABLING ENTERING THE BYCOGGREGOUS SHALL BE AS LONG AS NECESSARY FOR THE APPLICATION BUT AS SHORT AS POSSIBLE TO AVOID LANGE CABLE BRUDCES.

4. EXCESS CABLE LISINITIES SHALL BE PROPERT LOOPED AND SECURED USING HOOK LOOP STRAPS;

5. THE 120 VOLT WHEN ROUTED MY THE ENCASSIBLE SHALL BE CONTAINED IN CORDUIT, OPEN LOOP SHALL BE CONTAINED IN CORDUIT, OPEN LOOP SHALL BE CONTAINED IN CORDUIT, OPEN CASES THE APPLICATION OF THE PROPERT REACHES THE PATCH FAMILY BE NOT LISED. SHAT THE SHALL BE NOT LISED SHAT SHOT EXCESSIBLE CORD SHALL BE NOT LISED SHAT SHOT BE NOT SHATELED WISHEATHED PRIEF INSTALLED INTAIL BY NOTICE THE PROPERT REACHES THE PATCH FAMIL BE NOT LISES THAN 3 FEET OF UNSHEATHED PRIEF INSTALLED INTAIL BY NOTICE THE PROPERT PROPERTY THE PATCH FAMIL BE NOT LISED THAN 3 FEET OF UNSHEATHED PRIEF INSTALLED INTAIL BY NOTICES THE STORAGE BY PROPERTY THE PROPE

SLIM-LINE FIBER PATCH PNL., FIBER TRANSMITTER, PWR. SUPPLY & SPD SECURELY MTD. W/I ePACS TERMINAL CABINET "N"

SURGE PROTECTION S4) PEDESTRIAN GATE (2) STRAND FIBER/OSP, 1°C .-SLIM-UNE FIBER PATCH PNL., FIBER TRANSMITTER, PWR. SUPPLY & SPD SECURELY MTD. W/I ePACS TERMINAL CABINET "S"____ F/C M/C 2-(2) STRAND FIBER/CMF F/C M/C-F/0 卓 PEDESTAL MTD. CALL-IN STA. 中四 ⊕@• DOOR RELEASE SURGE PROTECTION = 2/C-#18/OSP, 1°C.-VIDEO INTERCOM NETWORK NODE CABINET (PER DIV. 275117) -(A29) —(S1)-///space// EMPLOYEE VEHICLE ENTRY GATE

FIBER RECEIVERS

///_/SPACE////

GEN OFF MAINT CONTROL F2-122

2/C-#18/CMP (TYP, FOR NTERIOR DOOR RELEASE) WIRE MINDER 24 PORT HIGH DENSITY LEVEL 6 PATCH PNL. W/SURGE PROTECTORS EXTERIOR VIDEO INTERCOM DOOR STA. W/
DIE-CAST AL. COVER & FACTORY BACKBOX.
SURF. WALL MTD. TOP @ 54 AFF.. AIPHONE
#X-DV (TYP. @ DOORS A25, A26, B4, B8 & B12) ////SPACE//// WRE MINDER WRE MINDER

#8/THWN/CU/GRND TO GRND BUS OF 120/208Y PNL. "L2F3" IN ELECT. RM. F2-131 -GROUND BAR

-CAT 6/CMP CABLE

IP VIDEO INTERCOM SYSTEM RISER SCALE: N.T.S.

SURGE PROTECTION DEVICE FOR CAT 6 WIRING TO CALL STA., DITEK #DTK-MRJPDE (TYP.)

PED. GATE RELEASE ₽ O'®•

SURGE PROTECTION DEVICE FOR GATE RELEASE WIRING, DITEK #DTK-LVLPLV (TYP.)

2/C-#18/OSP, 1°C.

CAT 6/OSP, 1"C

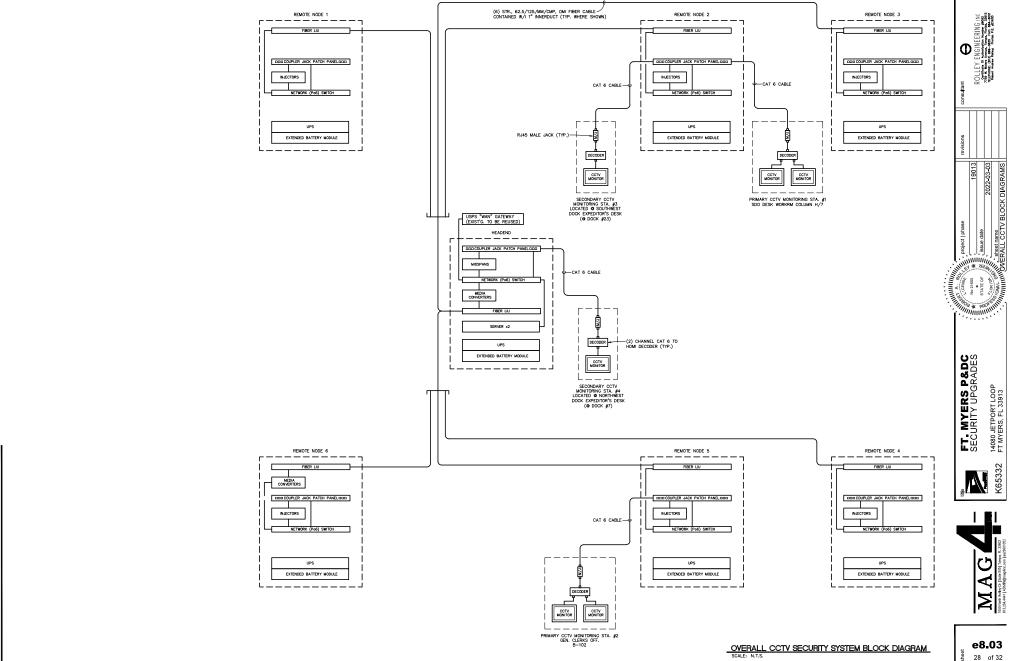
RACK MTD. UPS UNI 21"Wx20"Dx42"H ENCLOSED CABINET RACK (21 RU) WALL MOUNTED TOP @ 8"-6" AFF. (MIN.)

SECURITY UPG
SECURITY UPG
SECURITY UPG
K65332 FT MYERS, FL 33913

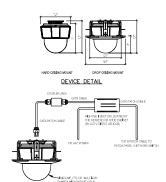
CCTV SECURITY SYSTEM BLOCK DIAGRAMS
SCALE: N.T.S.

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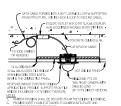
CCTV SECURITY SYSTEM BLOCK DIAGRAMS



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CAT6 WRING DETAIL



- SECURED TO STRUCTURE MOVE.
 THIS DETAIL IS ALSO SHILLAR FOR THE RECESS MOUNTING OF INTERIOR
 MILITURE CAMERIAS.
 REDGE PROMITIVE OF SEVERAL CONTRACTOR.

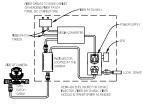
INTERIOR RECESSED MOUNT (ACT CEILING)

INTERIOR SURFACE MOUNT (ACT CEILING)

WALL CORNER MOUNTING DETAIL

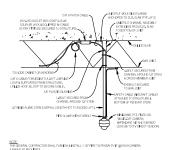


CAT6 REGULAR WIRING DETAIL

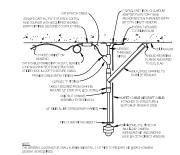


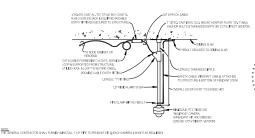
FIBER WIRING DETAIL CAT6 WIRING DETAIL

FIXED CAMERA MOUNTING DETAILS



DEVICE DETAIL

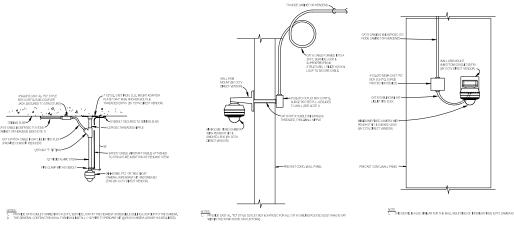




INTERIOR-WORKROOM/PLATFORM (STEM LENGTH NOT TO EXCEED 4 FT.) INTERIOR-WORKROOM/PLATFORM (STEM LENGTH EXCEEDS 4 FT.)

INTERIOR-WORKROOM/PLATFORM (STEM LENGTH NOT TO EXCEED 4 FT.)

CEILING PENDANT MOUNTED CAMERA DETAILS

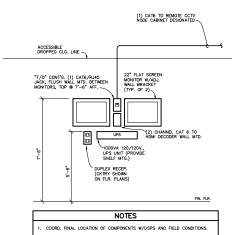


EXTERIOR-BMEU PLATFORM

EXTERIOR WALL ARM MOUNT (PREFERRED MOUNTING)

EXTERIOR WALL ARM MOUNT

EXTERIOR CAMERA MOUNTING DETAILS
SCALE: N.T.S.



PTZ CAMERA MOUNTING DETAILS

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- 2. PROVIDE FLUSH BOXES & CONCEALED CONDUIT.
- 3. MASTER INTERCOM UNIT TO BE DESK MOUNTED. REFER TO VIDEO INTERCOM
- THIS ELEVATION IS TYP. FOR PRIMARY MONITORING STATION #2 W/I THE GENERAL CLERKS OFFICE $B\!=\!102$.

PRIMARY CCTV MONITORING STATION #2 - ELEVATION

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sheet name CCTV MOUNTING DETAILS

e8.04

PROPOSED CAMERA SCHEDULE NOTES

PROVIDE SURGE PROTECTION DEVICE AT THE CAMERA AND HEADEND OR NODE CABINET.

						PROPOSI	ED CCTV CAN	IERA SCHEDULI	(ZONES '	(' & 'B')				
REF#	HC	CAMERA FIELD OF VIEW - HEADING	CAMERA TYPE	CAMERA ENVIRONMENT	CAMERA MOUNTING	CAMERA SYSTEM	CAMERA HOUSING	CAMERA MOUNT	MOUNTING HEIGHT	CAMERA POWER	CABLING	MEDIA CONVERTER/EXTENDER	COMMENTS	
A01	NODE #1	BMEU DOCK DOOR #48	MULTI-D/S	OUTDOOR - COVERED	HARD DROPPED CEILING	AXIS #P3719-PLE	MINI DOME	CEILING PENDANT	BOTTOM @ ±10 AFF	H PoE; 30W INJECTOR	CAT 6	NONE	"CIS" CAMERA	
A02	1	BMEU DOCK DOORS #45, #48 & #47	PTZ			AXIS #P5654-E								
A03	1	± #42, #43 & #44	MULTI-D/S	1	1	AXIS #P3719-PLE								
	NODE #2	PLATFORM DOCK DOORS #40 & #41	PTZ	INDOOR	EXPOSED CEILING	AXIS #P5654-E			\bot		-			
A05	-	#37, #38 & #39	MULTI-D/S			AXIS #P3719-PLE								
A06 A07	\vdash	#34, #35 & #36 #31, #32 & #33	PTZ MULTI-D/S		 	AXIS #P5654-E AXIS #P3719-PLE			-					
408	\perp	± #28, #29 & #30	PTZ	1	 	AXIS #P5854-F					 			
A09	NODE #1		MULTI-D/S	OUTDOOR - COVERED	HARD DROPPED CEILING	AXIS #P3719-PLE			 		 			
A10	-	COUNTER	PTZ	INDOOR	DROPPED "ACT" CEILING	AXIS #P5854-E		RECESSED HOUSING	CEILING @ 12'AFF		 			
A11	NODE #2	MERLIN #1	_	1		-		1	1 1					
A12		⊥ MERLIN #2	MULTI-D/S		1	AXIS #P3719-PLE		1	1	1				
A13		PLATFORM - FLOOR SCALE	FIXED		EXPOSED CEILING	AXIS #P3245−VE		CEILING PENDANT	BOTTOM 9 ±16 AFF					
A14		⊥ SOUTH	MULTI-D/S		-	AXIS #P3719-PLE		-	-	H PoE; 30W INJECTOR				
A15		VENDING E2-109 HAZMAT ROOM E2-104	PTZ		DROPPED "ACT" CEILING	AXIS #P5654E		RECESSED HOUSING WALL BRACKET ARM	CEILING @ 9'AFF					
A16		WORKROOM - G/4 & G/5	MULTI-D/S		WALL EXPOSED CEILING	AXIS #P3245-VE AXIS #P3719-PLE		CEILING PENDANT		H PeE; 30W INJECTOR		-		
A17		± G/9	MULII-D/S		EAPOSED CEILING	AAIS #P3/19-PLE		CEILING PENDANT	BOTTOM 9 ET+AFF	H POE; JOW INJECTOR	 			
A19		REGISTRY CAGE	FIXED		CAGED CEILING	AXIS #P3245-VE		SURFACE CLG CONDUIT BO	BOTTOM © 84"AFF	SWITCH PoE				
A20			-		-	-		-	-	-	 			
A21	NODE #1	MAIN PARTS ROOM F2-119	PTZ		EXPOSED CEILING	AXIS #P5854−E		CEILING PENDANT	BOTTOM @ ±12'AFF	H PoE; 30W INJECTOR				
A22		_	-			-								
A23		MAIN PARTS ROOM F2-120	MULTI-D/S			AXIS #P3719-PLE								
A24						-		1						
A25		1	PTZ		DROPPED "ACT" CEILING	AXIS #P5654-E		RECESSED HOUSING	CEILING @ 9'AFF					
A26	\vdash	VENDING F1-102	-		\vdash			\vdash	\vdash	\vdash	\vdash			
A27 A28	\vdash	BREAKROOM F2-102 EMPLOYEE PARKING - SOUTH		OUTDOOR - BLDG MTD	WALL	⊥ AXIS #P3245−VE		WALL BRACKET ARM	BOTTOM @ ±16'AFF	SWITCH PoE	-	\vdash		
A28 A29	\vdash	EMPLOYEE PARKING - SOUTH EXTERIOR DOOR AB	HIXED	OU IDOOK - BLDG MTD	WALL	AXIS #P3245-VE		WALL BRACKET ARM	BOTTOM @ ±16'AFF				(1) [⊥]	
A29	\vdash	EXTERIOR DOOR AS EXTERIOR DOOR A10			 			 	BUTTOM @ ±9 AFF	-		 	X	
A31		EXTERIOR DOOR A7			 						 		X	
A32		DOOR A3 & EQ. REPAIR DOCK							 				1)"CIS" CAMERA	
A33		EMPLOYEE PARKING - SOUTHWEST							BOTTOM @ ±16'AFF				(1) +	
A34		PEDESTRIAN GATE S3							BOTTOM @ ±12'AFF				(i)	
A35		BMEU MANUAL ENTRY/EXIT GATE											(1)	
A36		TRUCK ENTRY/EXIT GATE											<u> </u>	
A37		BMEU PARKING											1)"CIS" CAMERA	
A38	1	BMEU RAMP	\vdash		\vdash	\vdash		-	1	\vdash		\vdash	1)"CIS" CAMERA	
A39		EXTERIOR DOOR A25	\vdash						BOTTOM @ ±9'AFF		\vdash		(2)	
A40	-	EXTERIOR DOOR A26			+ +						-		Ú	
\vdash					 			1	-	-				
\vdash		 			l			l	 	 	 			
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801	NODE #2	PLATFORM DOCK DOORS #25, #26 & #27	MULTI-D/S	INDOOR	EXPOSED CEILING	AXIS #P3719-PLE	MINI DOME	CEILING PENDANT	BOTTOM @ ±10 AFF	H PoE; 30W INJECTOR	CAT 6	NONE	"CIS" CAMERA	
802	-	#22, #23 & #24	PTZ			AXIS #P5654-E							1	
803	HEADEND	#19, #20 & #21	MULTI-D/S			AXIS #P3719-PLE								
B04	\vdash	⊥ #16, #17 & #18	PTZ	Τ.		AXIS #P5654-E		1						
805	\vdash	TRASH ROOM E1-117	FIXED	OUTDOOR COVERED	WALL	AXIS #P3245-VE		WALL BRACKET ARM	\vdash	SWITCH PoE		\perp		
806	\vdash	PLATFORM DOCK DOORS #13, #14 & #15	MULTI-D/S	INDOOR	EXPOSED CEILING	AXIS #P3719-PLE		CEILING PENDANT		H PoE; 30W INJECTOR	$\overline{}$	+		
807 808	\vdash	#10, #11 & #12 #7, #8 & #9	PTZ MULTI-D/S		 	AXIS #P5654-E AXIS #P3719-PLE			+-+-	-			 	
	NODE #3	#/. #5 #6	MULTI-D/S PTZ		1	AXIS #P3/19-PLE AXIS #P5654-E		 				 		
810	-	⊥ #1, #2 & #3	MULTI-D/S			AXIS #P3719-PLE			 					
	NODE #2	PLATFORM NORTH	1			1			BOTTOM @ ±16'AFF					
B12	HEADEND													
B13	1													
B14	NODE #3	Т.	1		1			1						
B15	NODE #2	SUPPLY ROOM E1-109	PTZ		WALL	AXIS #P5654-E		WALL BRACKET ARM						
B16		SUPPLIES E1-111			 			-	BOTTOM @ +12'AFF	-	-			
817	HEADEND	STOCK ROOM H-109	-		 				BUITOM 9 ±12 AFF	-	-			
819	\vdash	WORKROOM - G/11	MULTI-D/S		EXPOSED CEILING	AXIS #P3719-PLE		CEILING PENDANT	BOTTOM 9 ±14'AFF			 		
820		G/13 & G/14	-muLii-1/3		EAFORD CEILING	, Ma grania-rut		JEDUNG PENDANTI	00.10m 9 11+AFF	 	 			
B21		G/15												
	NODE #3	G/16 & G/17	1	1	<u> </u>	1		1 1	 	1			1	
			FIXED	OUTDOOR - BLDG MTD	WALL	AXIS #P3245-VE		WALL BRACKET ARM	BOTTOM @ ±9'AFF	SWITCH PoE			(1)	
823	HEADEND												1)"CIS" CAMERA	
823 824		RCYCLE AREA @ TRASH	I I I										<u>(i)</u>	
823 824 825	HEADEND	RCYCLE AREA @ TRASH EXTERIOR DOOR B8	1100											
823 824 825 826	HEADEND	RCYCLE AREA ® TRASH EXTERIOR DOOR B8 EXTERIOR DOOR B12											<u> </u>	
823 824 825 826 827	HEADEND	RCYCLE AREA ® TRASH EXTERIOR DOOR BB EXTERIOR DOOR B12 RECYCLE AREA ® DOCK #2	THE										1) "CIS" CAMERA	
823 824 825 826 827 828	HEADEND	RCYCLE AREA ® TRASH EXTERIOR DOOR 86 EXTERIOR DOOR 812 RECYCLE AREA ® DOCK #2 L @ DOCK #1	11100										1) 1)*CIS** CAMERA 1)	
823 824 825 826 827 828 829	HEADEND	RCYCLE AREA © TRASH EXTERIOR DOOR B8 EXTERIOR DOOR B12 RECYCLE AREA © DOCK \$2 © DOCK \$1 EXTERIOR DOOR B15											1) 1) "CIS" CAMERA 1)	
823 824 825 826 827 828 829	HEADEND NODE #3	RCYCLE AREA © TRASH EXTERIOR DOOR BB EXTERIOR DOOR B12 RECYCLE AREA © DOCK #2 © DOCK #1 EXTERIOR DOOR B15 EXTERIOR DOOR B15 EXTERIOR DOOR B16											1)	
823 824 825 826 827 828 829	HEADEND	RCYCLE AREA © TRASH EXTERIOR DOOR B8 EXTERIOR DOOR B12 RECYCLE AREA © DOCK \$2 © DOCK \$1 EXTERIOR DOOR B15							<u></u>				1) 1) "CIS" CAMERA 1)	
823 824 825 826 827 828 829	HEADEND NODE #3	RCYCLE AREA © TRASH EXTERIOR DOOR BB EXTERIOR DOOR B12 RECYCLE AREA © DOCK #2 © DOCK #1 EXTERIOR DOOR B15 EXTERIOR DOOR B15 EXTERIOR DOOR B16											1)	
823 824 825 826 827 828 829	HEADEND NODE #3	RCYCLE AREA © TRASH EXTERIOR DOOR BB EXTERIOR DOOR B12 RECYCLE AREA © DOCK #2 © DOCK #1 EXTERIOR DOOR B15 EXTERIOR DOOR B15 EXTERIOR DOOR B16				±					1		1) 1)*COS* CAMERA 1) 1) 1)	
823 824 825 826 827 828 829	HEADEND NODE #3	RCYCLE AREA © TRASH EXTERIOR DOOR BB EXTERIOR DOOR B12 RECYCLE AREA © DOCK #2 © DOCK #1 EXTERIOR DOOR B15 EXTERIOR DOOR B15 EXTERIOR DOOR B16											1) 1)*COS* CAMERA 1) 1) 1)	
823 824 825 826 827 828 829	HEADEND NODE #3	RCYCLE AREA © TRASH EXTERIOR DOOR BB EXTERIOR DOOR B12 RECYCLE AREA © DOCK #2 © DOCK #1 EXTERIOR DOOR B15 EXTERIOR DOOR B15 EXTERIOR DOOR B16		<u></u>									1) 1)*COS* CAMERA 1) 1) 1)	
823 824 825 826 827 828 829	HEADEND NODE #3	RCYCLE AREA © TRASH EXTERIOR DOOR BB EXTERIOR DOOR B12 RECYCLE AREA © DOCK #2 © DOCK #1 EXTERIOR DOOR B15 EXTERIOR DOOR B15 EXTERIOR DOOR B16											1) 1)*COS* CAMERA 1) 1) 1)	
823 824 825 826 827 828 829	HEADEND NODE #3	RCYCLE AREA © TRASH EXTERIOR DOOR BB EXTERIOR DOOR B12 RECYCLE AREA © DOCK #2 © DOCK #1 EXTERIOR DOOR B15 EXTERIOR DOOR B15 EXTERIOR DOOR B16				1							1) 1)*COS* CAMERA 1) 1) 1)	
823 824 825 826 827 828 829	HEADEND NODE #3	RCYCLE AREA © TRASH EXTERIOR DOOR BB EXTERIOR DOOR B12 RECYCLE AREA © DOCK #2 © DOCK #1 EXTERIOR DOOR B15 EXTERIOR DOOR B15 EXTERIOR DOOR B16		1									1) 1)*COS* CAMERA 1) 1) 1)	
823 824 825 826 827 828 829	HEADEND NODE #3	RCYCLE AREA © TRASH EXTERIOR DOOR BB EXTERIOR DOOR B12 RECYCLE AREA © DOCK #2 © DOCK #1 EXTERIOR DOOR B15 EXTERIOR DOOR B15 EXTERIOR DOOR B16											1) 1)*COS* CAMERA 1) 1) 1)	
823 824 825 826 827 828 829	HEADEND NODE #3	RCYCLE AREA © TRASH EXTERIOR DOOR BB EXTERIOR DOOR B12 RECYCLE AREA © DOCK #2 © DOCK #1 EXTERIOR DOOR B15 EXTERIOR DOOR B15 EXTERIOR DOOR B16											1) 1)*COS* CAMERA 1) 1) 1)	
823 824 825 826 827 828 829 830	HEADEND NODE #3	RCYCLE AREA © TRASH EXTERIOR DOOR BB EXTERIOR DOOR B12 RECYCLE AREA © DOCK #2 © DOCK #1 EXTERIOR DOOR B15 EXTERIOR DOOR B15 EXTERIOR DOOR B16				1							1) 1)*COS* CAMERA 1) 1) 1)	

consulant
ROLLEY ENGINEERING INC
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FT. MYERS P&DC SECURITY UPGRADES 14080 JETPORT LOOP PT MYERS, FL 33913





PROPOSED CAMERA SCHEDULE NOTES

PROVIDE SURGE PROTECTION DEVICE AT THE CAMERA AND HEADEND OR NODE CABINET.

PROPOSED CCTV CAMERA SCHEDULE (ZONES 'C' & 'D' AND SITE)																						
REF# HO	С	CAMERA FIELD OF VIEW - HEADING	A FIELD OF VIEW - HEADING CAMERA TYPE CAMERA ENVIRONMENT CAMERA MOUNTING CAMERA SYSTEM						M CAN	CAMERA HOUSING CAMERA MOUNT MOUNTING				MOUNTING HEIGHT CAMERA POWER CABLING					MEDIA CONVERTER/EXTENDER COMMENTS			
C01 N	NODE #2	WORKROOM - GH/7 & GH/8	MULTI-D/S	IN	DOOR	EXPOSE	D CEILING	AXIS #P37	9-PLE	MINI DOM	ME	CEILING	PENDANT	BOTTOM @	±14 AFF	H PoE; 30W INJECT	R	CAT 6	NO.	NE	"CIS" C	AMERA
C02	- 1	HJ/4 & HJ/5	1		1		1	1								1		1		ı		
C03		H/6 & J/6		1	1	1								-					1			
C04		HJ/7 & HJ/8			1	t	i							+			_		1			
C05 N	IODE #5	K/5		1	1	_	t			-				+					1	l	1	
C06	- L	K/7		+	+	+	1	1		_		 		 		 			1		_	
	NODE #6	MANUAL LETTERS - KL/2 & KL/3	PTZ	+	+	+	 	AXIS #P5	54-E	-		_		воттом о	+100****	-	-	_	+	-	\vdash	
C08			FIZ	+	_	-	-	ANS PO	34=E					BOTTOM &	E10 AFF		-		+		_	
	-	SECURED DESTRUCT'N, AREA-LM/3 & LM/4		-	_									-					_			
			MULTI-D/S	_				AXIS ∦P37	9-PLE					-								
C10	-	→ LM/4 & LM/5	-				ь	_				-	-									
	NODE #1	QUIET ROOM F1-121	PTZ			DROPPED *	ACT" CEILING	AXIS #P5				RECESSED		CEILING @	9 AFF							-
C12 N	NODE #6	TURNSTILES - EXIT	FIXED				1	AXIS #P32	5-VE			SURFACE C	EILING MTD	1		SWITCH PoE						
C13		RE-4 EXIT DOOR C4 & EVAC PB						1														
C14		TURNSTILES - ENTRY																				
C15		RE-4 ENTRY DOOR C4	1					1					-			1						
C16		CAFETERIA F1-103	MULTI-D/S			1 .	1	AXIS #P37	9-PLE			RECESSED	HOUSING			H PoE; 30W INJECT	R				"CIS" C	AMERA
C17		т.	PTZ	_		DROPPED H	IARD CEILING	AXIS #P56	54-F					1 1			$\overline{}$		 			1
C18		VENDING F1-124	-	+	_		ACT" CEILING			_			_	 			_		_		 	1
C19 N	IODE #5	RECEPTION A-155 (ENTRY)	FIXED	+	+	Dittor I ED		AXIS #P32	S-VE			SURFACE C	CILING MTD	-		SWITCH PoE			+		+	
C20 N	TODE #5	L (EXIT)	11000	+	1	+		- AND #F32	- 1	-		SURFACE C		+	_	Janion POE	-	_	+	-	 	
			-	OUTDOOS	- BLDG MTD		ALL			_				BOTTOM 0	+10'15"	-				-	Corner -	AVERA
C21 N	NODE #8	EMPLOYEE PARKING -SOUTHEAST	-	JUIDUOR	- SELUG MTD	- W	MLL	-		-	_	WALL BRA	UNE! AKM	BUTTOM 0	±1Z AFF	-	-		+		(1)"cis" c	
C22	-	PICNIC TABLE AREA	-	-	+	+		\vdash	-	_		—		\vdash		-	-	_	+		Ω	_
C23		PEDESTRIAN GATE "S4"	-	-	1	-				$\overline{}$				1 ·		$\overline{}$!	<u>(1)</u>	
C24		EXTERIOR DOORS C10 & C11			1									BOTTOM 9	±9'AFF						0	
C25		C12																			(ı)	
C26	1	C13												L							(1)	
C27 N	ICOE #5													1							(i)	
C28		ADMIN/OVERFLOW PARKING		1	1	1	1							BOTTOM @	±12'AFF				1		(1)"cis" c	AMERA
C29	_	EXTERIOR DOOR C15		1	1	 	1							BOTTOM 6			_		1		Pró ·	
C30	_	EXTERIOR DOOR C16		+	+	1		 	-	_				30			-		+		H	
C30		ADMIN/OVERFLOW PARKING		+	1	2000	R MOUNT	\vdash		-		—		BOTTOM 9	+12'		+	+	+	-	(1) as a	AMEDA
			-	ALUTO A T				-		-						-		_	+	—		
C32 N	NODE #6	SCREENED BREAKROOM - WEST	-	OUTDOOR	- COVERED	W	ALL			_				воттом о	19 AFF	-	_			 	"cis" c	AMERA
C33	-	⊥ EAST		+	-								-	_								ļ
	IODE #4	BREAKROOM B-104			DOOR	DROPPED *	ACT" CEILING					SURFACE C	ELING MTD	CEILING 6								
C35	-	MAIL ROOM B-117	1		-			T										T		L		I
																	\neg					
-				1		1															1	
D01 H	IEADEND	WORKROOM - GH/9 & GH/10	MULTI-D/S	INI	DOOR	EXPOSE	D CEILING	AXIS #P37	9-PLE	MINI DON	ME	CEILING	PENDANT	BOTTOM A	±14'AFF	H PoE: 30W INJECT	6	CAT 6	NC NC	NE	"cis" c	AMERA
	ODE #4	HJ/9 & HJ/10	1 1	1	1	EA USEL		- AND #F-07				OLILINO			-1767				+ "			- marie -
DOZ N			-	+	+	+	-	-		-				+		-	-		+		\vdash	
D03		HJ/11	-	-	+	-	-	\vdash	-	_		—		\vdash			-	_	+		-	
	iODE #3	HJ/13 & HJ/14	-	1	1					_				\vdash			_			 	\vdash	
D05		HJ/15			_									-								
D06	1	HJ/16 & HJ/17												\Box								
	ICOE #4	K/8 & K/9																				
D08		K/9 & K/10																				
D09		K/10 & K/11		_		1								1 1			$\overline{}$		 			
D10	_	K/13 & K14		+	_	+				_				_			_		_		1	
D11		K/15		+		+				_				_	_			+	_		_	
	100E #3	K/15 & K/17		+	_	-	-							-					+		_	
D13 N	ICOE #4	M/13 & M/14												-								
D14	-	M/15																				
	10DE ∦3	M/16 & M/17																				
D16	1	WORKROOM (LOWER LEVEL) - JK/16												BOTTOM O	84"AFF							
D17	T									-		1		1	\neg							
D18		1					1							1								
	IODE #4	CFS - M/9 & M/10	1	1	1	DROPPED *	ACT" CEILING	1				RECESSED	HOUSING	CEILING HT	. VARIES				1			
D20		M/10 & M/11	PTZ	1	1	T		AXIS #P5	54-F			i		1 7								
D21	\rightarrow	M/11	MULTI-D/S	+	+	+		AXIS #P371		_		—		 			-				\vdash	
D22	_	BREAKROOM B-136	PTZ	+	1	+	1	AXIS #P5/	54-E	_				CEILING 6	9 0'AEE	-	-		+		\vdash	
	\rightarrow	EXTERIOR DOOR D12		laumar -	- BLDG MTD	-	ALL			-		WALL BRA	-			SWITCH PoE	-	_	+		 	
D23	_		FIXED	UU IDOOR	- BLUG MTD	- w	MLL	AXIS #P32	IO-VE	-		WALL BRA	LACI ARM	BOTTOM 9		SWITCH PoE	-	_	+	-	1	
D24			\vdash	+		-											+	_			LY.	
	100E #3	NORTHEAST TRUCK GATE - EXIT	\vdash	1	1									BOTTOM @							Q	
D26				\perp										-							0	
D27	1	EXTERIOR DOOR D14	1		1		T	1		1		-		BOTTOM 0	±9 AFF			T		L	(ı)	
-				1		1			- 1										1		1	
S01 N	100F #6	PEDESTRIAN GATE "S3"	FIXED	OUTDOOP	- BLUE SKY	EXISTING 11	GHTING POLE	AXIS #P32	IS-VE	MINI DON	MF	WALL BRA	CKET ARM	BOTTOM A	+20'AFC	H PoE; 30W INJECT		FIBER	FIBER	OPTIC	 	
S02		EMPLOYEE PARKING	MULTI-D/S	JOIDOOK	I SECTION		i oce	AXIS #P371	-DIE						_20 000				1.055		"cis" c	AMERA
S03	\rightarrow			+	+	+	+	nno #r3/1		-		—		\rightarrow	_		-	_	+		u3 (
	\rightarrow	 	-	+	+	+	-	\vdash	-	-		—		\vdash			-	_	+		\vdash	
		 	-	+	-	-	-							\vdash							-	
		1 +	1		1																_	-
S05	_		FIXED					AXIS #P32	15-VE					BOTTOM @	±12 AFC							
S05 S06		EMPLOYEE EXIT GATE - FRONT																				
S05 S06		EMPLOYEE EXIT GATE - FRONT EMPLOYEE ENTRY GATE - FRONT					1															
S05 S06 S07				_	_				-			_	_	воттом в	1047150							
\$05 \$06 \$07 \$08		EMPLOYEE ENTRY GATE - FRONT L REAR		OUTDOOR	- COVERED	w	ALL	1								1		1	T -	L	"CIS" C	AMERA
\$05 \$06 \$07 \$08		EMPLOYEE ENTRY GATE - FRONT		OUTDOOR	- COVERED	w	ALL	1				<u> </u>		BOTTOM &	IO4 AFG			1	-	Ĺ	"CIS" C	AMERA
\$05 \$06 \$07 \$08		EMPLOYEE ENTRY GATE - FRONT L REAR		OUTDOOR	- COVERED	w	ALL	1	_					BOTTOM 6	104 AFG	1		1			"CIS" C	AMERA
		EMPLOYEE ENTRY GATE - FRONT L REAR		CUTDOOR	- COVERED	W	ALL	1						BOTTOM 6	184 A/G	1		1			"cis" c	AMERA
S05 S06 S07 S08		EMPLOYEE ENTRY GATE - FRONT L REAR		OUTDOOR	- COVERED	w	ALL	1				-		BOTTOM G	184 A/G	1		1	-	L	"CIS" C	AMERA
S05 S06 S07 S08		EMPLOYEE ENTRY GATE - FRONT L REAR		CUTDOOR	- COVERED	w	ALL	1						BOTTOM 9	104 AFG	1		1	-	L	"ais" d	AMERA
S05 S06 S07 S08		EMPLOYEE ENTRY GATE - FRONT L REAR		OUTDOOR	- COVERED	W	ALL	1						BOTTOM 9	104 AFG	1		1	-		"cis" c	AMERA
S05 S06 S07 S08		EMPLOYEE ENTRY GATE - FRONT L REAR		OUTDOOR	: - COVERED	W	ALL							BOTTOM 9	104 A/G	1		1	-		"cis" c	AMERA
SO7 SOB		EMPLOYEE ENTRY GATE - FRONT L REAR		OUTDOOR	: - COVERED	W	ALL					-		BOTTOM 9	104 ATG	1		1	-		"cis" c	AMERA
S05 S06 S07 S08		EMPLOYEE ENTRY GATE - FRONT L REAR		OUTDOOR	- COVERED	W	ALL	1						BOTTOM 9	204 ATG	1			-		"cis" c	AMERA
S05 S06 S07 S08		EMPLOYEE ENTRY GATE - FRONT L REAR		CUTDOOR	- COVERED	W	ALL	1						SOTION 9	204 ATG	1		1	-		"cis" c	AMERA
S05 S06 S07 S08		EMPLOYEE ENTRY GATE - FRONT L REAR		CUTDOOR	- COVERED	W	ALL	1				-		BOTTOM 9	204 ATG	1		1	-		"cis" c	AMERA



CABINETI FLUSH 100A/3P MAIN BRK FULL NEUTRAL BUS GROUND BUS HINGED DOOR KEYED DOOR LATCH CROUTT BREAKER (BOLT -IN) BRANCH DEVICES FEED IS BOTTOM

ALL BREAKERS ARE RATED TO INTERRUPT A SHORT CIRCUIT ISC OF 10,000 AMPS SYMMETRICA PROMDE ZDA/IP BRKR. W/I EXIST'G. SPACE SHOWN TO FEED PROPOSED LOAD INDICATED. NEW BRKR. TO MATCH EXIST'G.

PROVIDE 30A/1P BRKR, W/I EXIST'G, SPACE SHOWN TO FEED PROPOSED CCTV HEADEND RACK, NEW BRKR. TO MATCH EXIST'G.

PROVIDE 40A/3P BRKR. W/I SPACES NOTED TO FEED PROPOSED SPD. NEW BRKR. TO MATCH EXIST'G... PROPOSED "SPD" SHALL BE SURF, WALL MTD. ADJACENT TO PNL, "15".

PROPOSED
PANEL "L1F3"
PANELBOARD SCHEDULE poles amps | bus | amps poles RATED VOLTAGE: 120/208V. APPROVED MFRS: SQUARE TO*, Q.E., SEMENS MAIN LUGS: 1 SET(S):SQZ: #1/THAN/CU

TOTAL AMPS: BUS A __16 ___ BUS B __16 ___ BUS C ___ CONNECTED KVA __4.3 ___ DEMAND KVA __3.0

PROPOSED PANEL "L2F3" PANELBOARD SCHEDULE MAIN LUGS ONLY FULL NEUTRAL BUS GROUND BUS HINGED DOOR KEYED DOOR LATCH CIRCUIT BREAKER (BOLT -IN) BRANCH DEVICES FEED IS TO BE: TOP ALL BREAKERS MUST BE RATED TO INTERRUPT A SHORT CROUIT ISC OF 10,000 AMPS SYMMETRICAL

##ROVED NIFIGE SQUARE TD*, C.E., SEMENS | NAIN LUGS: 1 SET(5); 922: #1/THIRK/CU

TOTAL AMPS: 8US A 13 8US 8 19 8US C 15 CONNECTED KVA 5.4 DEMAND KVA

PROPOSED PANEL "LB2A" PANELBOARD SCHEDULE poles amps bus A B C amps pole APPROVED MFRS: SQUARE "D", Q.E., SIEMENS MAIN LUGS: 1 SET(S); SIZE: #1/THWN/
TOTAL AMPS: BUS A 6 BUS B 6 BUS C 10 CONNECTED KVA 2.6 DEMAN

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-4-#6 & 1-#6/GRND, 1 1/4"C.

PROPOSED PANEL "LB2A"

SPD SPD

FIN. GRADE

120/208Y SPD

-4-#6 & 1-#6/GRND, 1 1/4°C. EXIST'G.
PANEL "L1F2" PROPOSED PANEL "LIF3" REPLACE EXIST'G. 30A/3P BRKR. #7,#9,#11 W/I EXIST'G. PNL "LIF2" W/60A/3P BRKR. TO FEED PROPOSED PNL. "LIF3"____ \Box 120/208Y SPD

> REFER TO DWG. e4.01 FIN. GRADE

> > NOTES

ALL WORK SHOWN WITH "SOLID LINES" DENOTES "PROPOSED AND SHALL BE PROVIDED."

ALL WORK SHOWN WITH "DASHED LINES" DENOTES "EXIST'G. TO REMAIN."

PROPOSED PANEL "L2F3" EXIST'G. PANEL "L2F2" REPLACE EXIST'G. (3) 20A/1P BRKRS. #33,#35,#37 W/I EXIST'G. PNL "L2F2" W/60A/3P BRKR. TO FEED PROPOSED PNL. "L2F3" 誯 120/208Y SPD

> REFER TO DWG. e4.01 FIN. GRADE

-4-#6 & 1-#6/GRND, 1 1/4°C.

NOTES

ALL WORK SHOWN WITH "SOLID LINES" DENOTES "PROPOSED AND SHALL BE PROVIDED." ALL WORK SHOWN WITH "DASHED LINES" DENOTES "EXIST'G. TO REMAIN."

PROPOSED PARTIAL ONE LINE DIAGRAM

NOTES ALL WORK SHOWN WITH "SOLID LINES" DENOTES "PROPOSED AND SHALL BE PROVIDED." ALL WORK SHOWN WITH "DASHED LINES" DENOTES "EXIST'G. TO REMAIN."

REFER TO DWG. e4.04

EXIST G.
PANEL "LB2"

REPLACE EXIST'G. (3) 20A/IP BRKRS. #19.#21.#23 W/I EXIST'G. PNL "LB2" W/60A/3P BRKR. TO FEED PROPOSED PNL. "LB2A"

PROPOSED PARTIAL ONE LINE DIAGRAM

PROPOSED PARTIAL ONE LINE DIAGRAM

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