

SECURITY SYSTEM LEGEND

		CABLING REQUIREMENTS		ROUGH-IN REQUIREMENTS					
SYMBOL	DESCRIPTION	NOTES	PROVIDE 1-GANG BACKBOX	PROVIDE 2-GANG BACKBOX	PROVIDE 1-GANG PLASTER RING	PROVIDE 2-GANG PLASTER RING	PROVIDE (OIT)/2" CONDUIT	PROVIDE AS SHOWN ON PLANS	NOTES
CR	CARD READER	REFER TO ACS SINGLE LINES AND DETAILS.							MOUNT AT 48" AFF.
KP	KEY PAD	REFER TO IDS SINGLE LINES AND DETAILS.							SEE DOOR ROUGH-IN DETAILS FOR COMPLETE ROUGH-IN REQUIREMENTS. PROVIDE ROUGH-IN FOR READER, REX DEVICE, CONTACT SWITCH, AND ELECTRIC LOCK.
DA	DURESS ALARM (MAY HOLD UP ALARM, PANIC ALARM)	REFER TO IDS SINGLE LINES							SEE DURESS "PANIC ALARM" MOUNTING DETAIL.
D	DOOR CONTACT SWITCH	REFER TO IDS SINGLE LINES AND DETAILS.							SEE DOOR ROUGH-IN DETAILS FOR COMPLETE ROUGH-IN REQUIREMENTS.
GB	GLASS BREAK SENSOR	REFER TO IDS SINGLE LINES AND DETAILS.							SEE DETAILS, CEILING MOUNTED.
PIR	PASSIVE INFRARED MOTION DETECTOR	REFER TO IDS SINGLE LINES AND DETAILS.							SEE DETAILS, CEILING MOUNTED.
ALARM	LOCAL ALARM	REFER TO IDS SINGLE LINES AND DETAILS.							PROVIDE CEILING MOUNTED. HOWEVER, TO INTRUSION DETECTION SYSTEM CONTROL PANEL.
IN (MOUNT)	DURESS "PANIC ALARM" NOTIFICATION LIGHT	REFER TO IDS SINGLE LINES AND DETAILS.							MOUNT AT 96" AFF. HOWEVER, TO INTRUSION DETECTION SYSTEM CONTROL PANEL.
ACS	INTRUSION DETECTION PANEL/ANNUNCIATOR	REFER TO ACS SINGLE LINES AND DETAILS.							PROVIDE AS REQUIRED FOR INSTALLED SYSTEM FOR ROUGH-IN REQUIREMENTS.
IDS	INTRUSION DETECTION PANEL / ANNUNCIATION	REFER TO IDS SINGLE LINES AND DETAILS.							PROVIDE AS REQUIRED FOR INSTALLED SYSTEM FOR ROUGH-IN REQUIREMENTS.

COORDINATION NOTES

GENERAL SECURITY CABLING NOTES

SECURITY DEVICE CONDUITS:
THE ELECTRICAL CONTRACTOR (EC) SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL CONDUIT AND BACKBOXES REQUIRED FOR INSTALLING ALL SECURITY DEVICES AND ROUTING THE CONDUIT TO THE REQUIRED DESTINATION.

ELECTRICAL POWER: THE ELECTRICAL CONTRACTOR SHALL PROVIDE 120 VAC/ 20 AMP CIRCUITS TO SERVICE SECURITY SYSTEM POWER SUPPLIES.

FIRESTOPPING: THE ELECTRICAL CONTRACTOR (EC) SHALL BE RESPONSIBLE FOR FIRESTOPPING ALL PENETRATIONS THROUGH THE CONCRETE FLOOR AND WALLS. THE FIREWALL CONDUIT PENETRATION ASSEMBLIES TO OBTAIN A UL RATING. THE SECURITY CONTRACTOR SHALL FIRESTOP ANY CONDUITS AFTER INSTALLATION OF CABLE IS COMPLETE.

DOOR HARDWARE:
CONTRACTOR FURNISHED CONTRACTOR INSTALLED


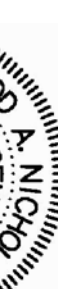

FIRE ALARM: THE SECURITY CONTRACTOR SHALL COORDINATE WITH THE FIRE ALARM CONTRACTOR TO PROVIDE RELATED, SUPERVISED CONTACTS FOR INTEGRATION TO ACCESS POWERED CONTROLLER FOR AUTOMATIC DOOR RELEASE UPON FIRE CONDITIONS.

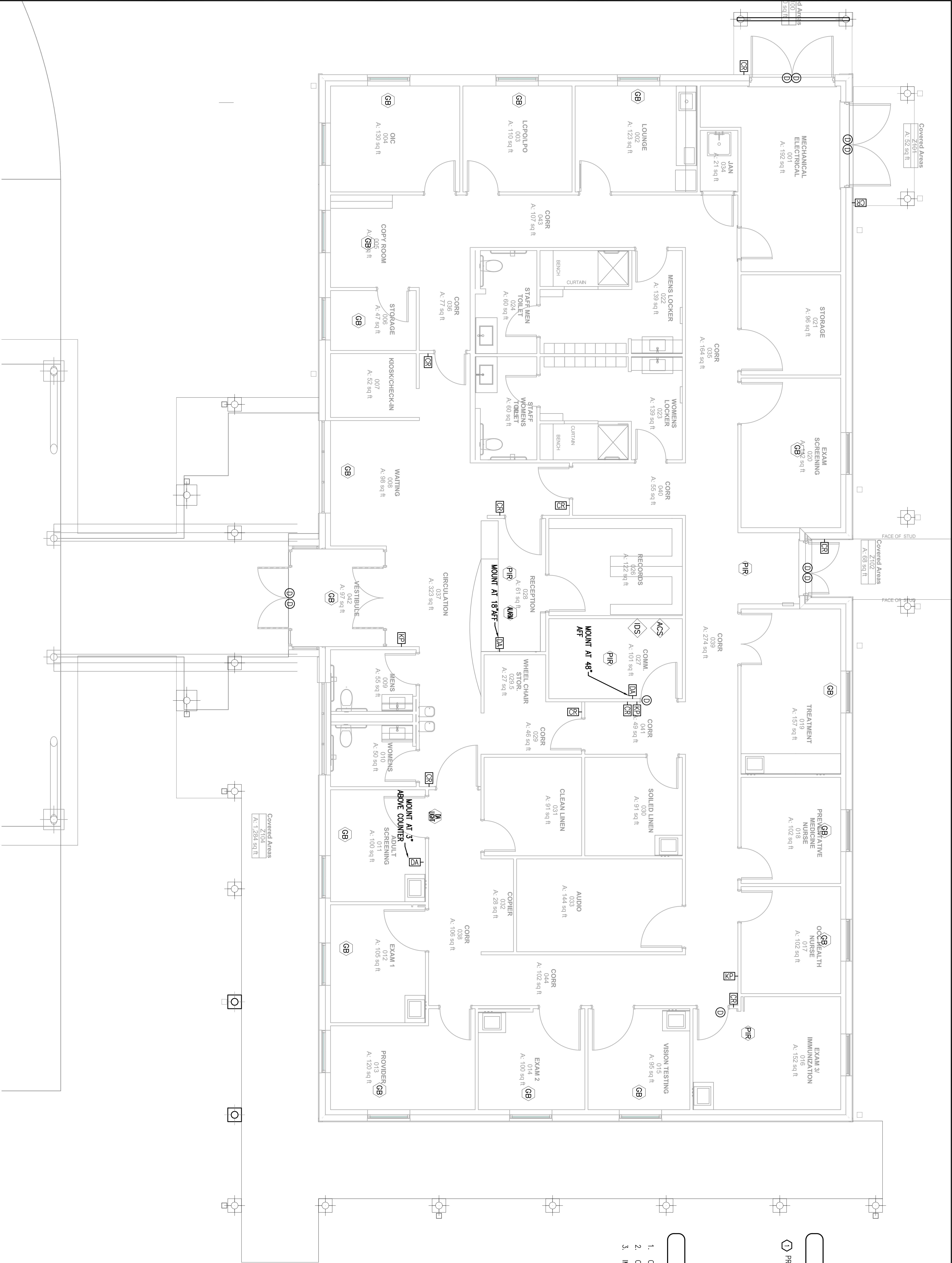
COORDINATION

THE SECURITY CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH THE ELECTRICAL CONTRACTOR FOR SPECIFIC LOCATIONS OF ALL CONDUIT, DEVICE LOCATIONS, POWER OUTLETS REQUIREMENTS, ETC BEING PROVIDED BY THE ELECTRICAL CONTRACTOR FOR THE SECURITY SYSTEM.

THIS LIST IS NOT COMPREHENSIVE. THE SECURITY CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ADDITIONAL REQUIREMENTS SHOWN ON THE SECURITY SYSTEM DRAWINGS AND/OR REQUIRED TO PROVIDE A COMPLETE SYSTEM.

- 1) THE CONTRACTOR SHALL COORDINATE THE ROUTING OF CONDUITS AND CABLE TRAYS TO AVOID CONFLICTS WITH OTHER UTILITIES AND OBSTACLES, WHILE MINIMIZING CHANGES IN DIRECTION AND OVERALL CONDUIT LENGTH. ALL CONDUIT SHALL BE RUN OVERHEAD. OBTAIN APPROVAL OF ENGINEER PRIOR TO ANY CHANGES IN ROUTING.
- 2) CONDUITS, RUN INDOORS, SHALL BE RUN CONCEALED OVERHEAD ABOVE CEILINGS UNLESS LOCATED IN SPACES WITHOUT CEILINGS, IN AN UNFINISHED SPACE, SUCH AS EQUIPMENT ROOMS OR IN SPACES SPECIFICALLY INDICATED TO HAVE EXPOSED CONDUIT INSTALLATIONS. INDOOR CONDUIT SHALL BE EMT WITH STEEL FITTINGS. DIE CAST EMT FITTINGS ARE NOT ALLOWABLE. FITTINGS IN EXPOSED INDOOR LOCATIONS SHALL BE STEEL COMPRESSION TYPE. FITTINGS IN CONCEALED INDOOR LOCATIONS SHALL BE STEEL SET SOCKET TYPE. SUPPORT EXPOSED CONDUIT AT A MINIMUM OF 4'-0" ON CENTER WITH 2-HOLE HEAVY DUTY GALVANIZED STEEL HANGER. DO NOT RUN CONDUITS BELOW SLOPE EXCEPT AS SPECIFICALLY INDICATED.
- 3) SUPPORT CONDUIT DIRECTLY FROM BUILDING STRUCTURE USING APPROVED HARDWARE. DO NOT SUPPORT CONDUIT FROM OTHER SYSTEMS COMPONENTS OR SUPPORTS UNLESS SPECIFICALLY APPROVED BY THE ENGINEER. ROUTE ALL CONDUITS AS HIGH AS POSSIBLE. WHERE CONDUIT IS EXPOSED RUN HAND AGAINST WALL, OR UNDERSIDE OF ROOF/FLOOR DECK. RUN ALL CONDUITS PARALLEL/PERPENDICULAR AND PLUMB WITH BUILDING UNITS.
- 4) CONDUIT BODIES SUCH AS 1/2" FITTINGS ARE NOT ALLOWABLE.
- 5) PROVIDE PULLBOXS AT EVERY 100 FEET ON CENTER AND AT EACH END OF CONDUIT RUNS CONTAINING 20 OR MORE BENDS (MINIMUM REQUIREMENTS - PROVIDE WHETHER SPECIFICALLY INDICATED OR NOT). CONDUIT RUNS CONTAINING MORE THAN TWO 90 DEGREE BEND WITHOUT A PULLBOX ARE NOT ALLOWABLE. FACTOR BEND CONDUIT ELBOWS AND ALL OTHER BENDS SHALL HAVE A MINIMUM RADIUS OF SIX TIMES THE INTERNAL CONDUIT DIAMETER.
- 6) PULLBOXES FOR CONDUITS SHALL BE AS REQUIRED PER NEC AND BE A MINIMUM OF 12"x12"x6" FOR MULTIPLE CONDUIT JUNCTIONS. TERMINATE CONDUITS AT OPPOSITE ENDS OF PULLBOXES. DO NOT TERMINATE CONDUITS AT RIGHT ANGLES TO EACH OTHER EXCEPT AS SPECIFICALLY INDICATED.
- 7) WHERE CONDUIT AND PULLBOXES ARE LOCATED ABOVE NON-ACCESSIBLE CEILINGS OR SOFFITS (ALUMINUM PLASTER, METAL, OR CEILING BOARD), INSTALL AN 18"x 18" ALL ALUMINUM CEILING ACCESS DOOR IN TYPING DIRECTLY BELOW EACH SUCH PULLBOX. ACCESS DOORS SHALL BE MILCO OR APPROVED EQUAL ALL ALUMINUM CONSTRUCTION AND FASTENERS. PROVIDE ACCESS DOORS FACTOR PRIME FOR FINISHING AND FINISH PAINT WITH TWO COATS EMULS AFTER INSTALLATION TO MATCH EXISTING GELING, SMOOTH, OR WALL.
- 8) TERMINATE ALL CONDUIT ENDS IN PULLBOXES LOCATED WITHIN 8'-0" OF FINAL CAMERA LOCATIONS AND IN PULLBOXES AT THE CCTV HEADEND.
- 9) PROVIDE PLASTIC INSULATION BUSHINGS ON EXPOSED CONDUIT ENDS. BUSHINGS MUST FIT TIGHTLY ON CONDUIT CONNECTOR THREADS. INSTALL ALL BUSHINGS PRIOR TO TIGHTENING CABLE.

 <p>SCHMIDT CONSULTING GROUP, INC.</p> <p>4615 PAPERBURY LANE, SUITE 2000 ANNANDALE, VA 22003 TEL: 703/751-9000 FAX: 703/751-9001 HOURS: 8:00 AM - 5:00 PM EST E-MAIL: SCHMIDT@SCHMIDT.COM WWW.SCHMIDTCONSULTING.COM</p>		 <p>BES DESIGN/BUILD</p> <p>700 WOLFE STREET, SUITE 200 ARCH & ENGR. SEAL TEL: 703/751-9000</p>		<p>NATURAL RESOURCES & ENVIRONMENTAL AFFAIRS</p> <p>NO. OF DAYS TO COMPLETE</p>		<p>P-W, DING, NO.</p>		<p>DEPARTMENT OF THE ARMY</p> <p>NAVAL SUPPORT ACTIVITY</p> <p>PANAMA CITY, FLORIDA</p> <p>NAVAL FACILITIES ENGINEERING COMMAND</p>	
		<p>SAFETY DEPARTMENT</p> <p>NO. OF DAYS TO COMPLETE</p>		<p>TRAINING BY</p> <p>CHECKED BY</p> <p>CIC</p>		<p>PANAMA CITY JOINT OUTPATIENT CLINIC</p> <p>NAVAL GULF COAST HEALTH CARE</p> <p>SECURITY LEGEND & NOTES</p>		<p>SCALE</p> <p>NO. OF SHEETS</p> <p>MACC. T.O.#</p> <p>SHEET 1 OF 5</p>	
<p>PUBLIC WORKS SUPERVISOR</p> <p>NO. OF DAYS TO COMPLETE</p>		<p>FIRE DEPARTMENT</p> <p>NO. OF DAYS TO COMPLETE</p>		<p>SUPERVISOR</p> <p>TAN</p>		<p>DATE</p>		<p>SIZE</p> <p>CODE IDENT. NO.</p> <p>F</p> <p>CONSTR. CONTR. NO.</p> <p>N/A</p>	
<p>APPROVED</p>		<p>APPROVED</p>		<p>DATE</p>		<p>DATE</p>		<p>SCALE</p> <p>NO. OF SHEETS</p> <p>MACC. T.O.#</p> <p>SHEET 1 OF 5</p>	



SHEET NOTES

1. PROVIDE BMS DOOR CONTACT AT THIS LOCATION.

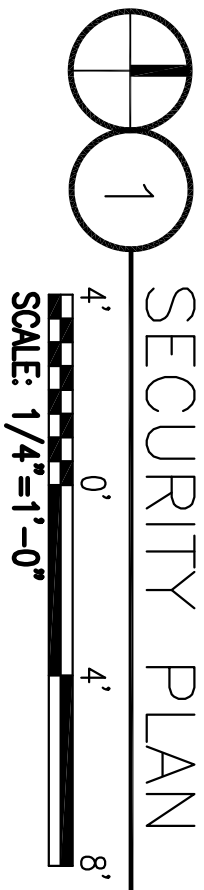
ZONE SCHEDULE

- OVERALL BUILDING ZONE.
- COMMUNICATIONS ROOM ZONE.
- IMMUNIZATION ROOM ZONE.

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IF SHEET IS LESS THAN (30"x42") IT IS A REDUCED PRINT. SCALE ACCORDINGLY.

TY201



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REGISTERED PROFESSIONAL ENGINEER

NATURAL RESOURCES & ENVIRONMENTAL AFFAIRS

P.W. DWG. NO.

DESIGN/ARCHITECT

DRAWN BY

SAFETY DEPARTMENT

CHECKED BY

TO DATE

DATE

FIRE DEPARTMENT

SUPERVISOR

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PANAMA CITY JOINT OUTPATIENT CLINIC
NAVAL GULF COAST HEALTH CARE
SECURITY PLAN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
PANAMA CITY, FLORIDA

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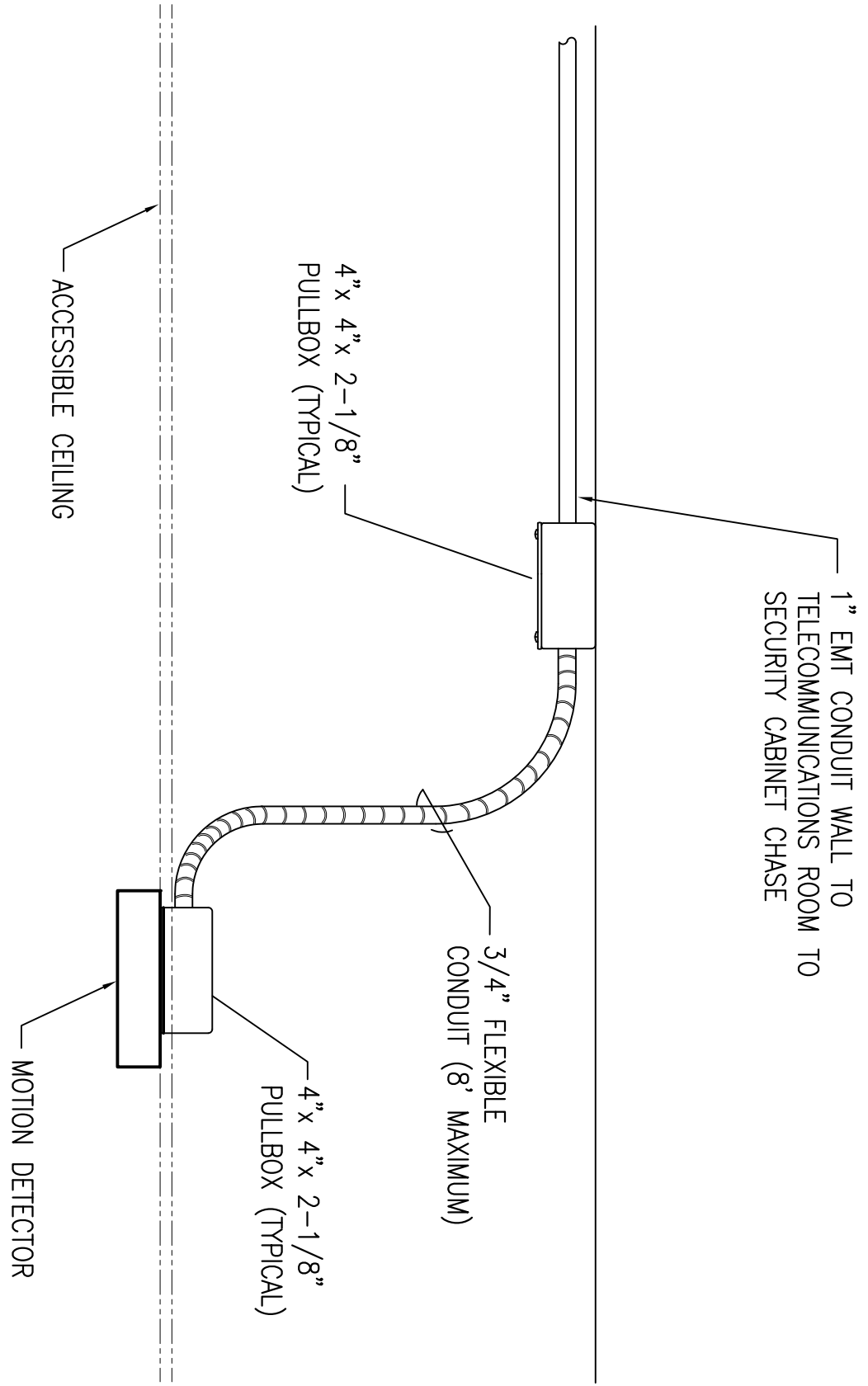
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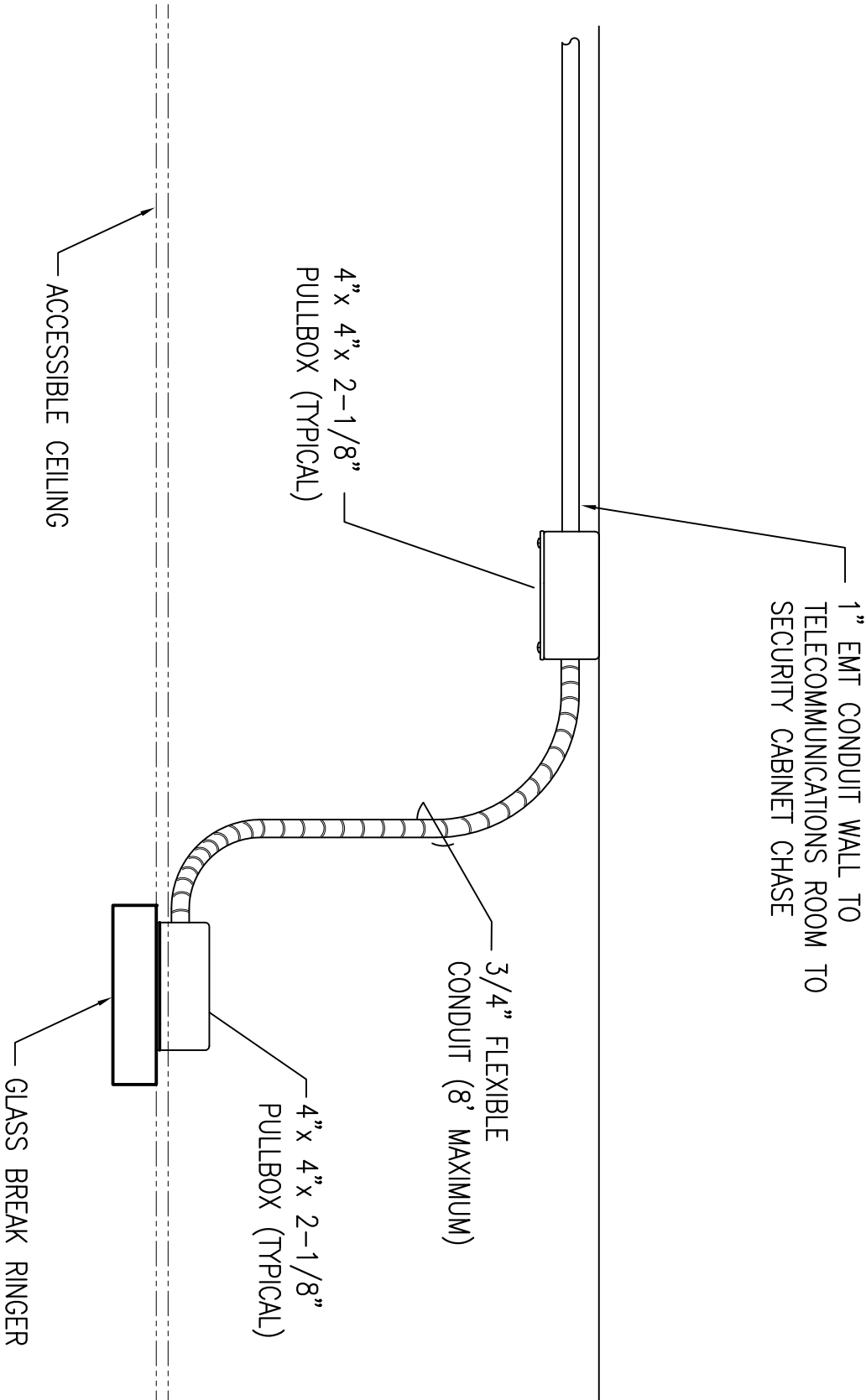
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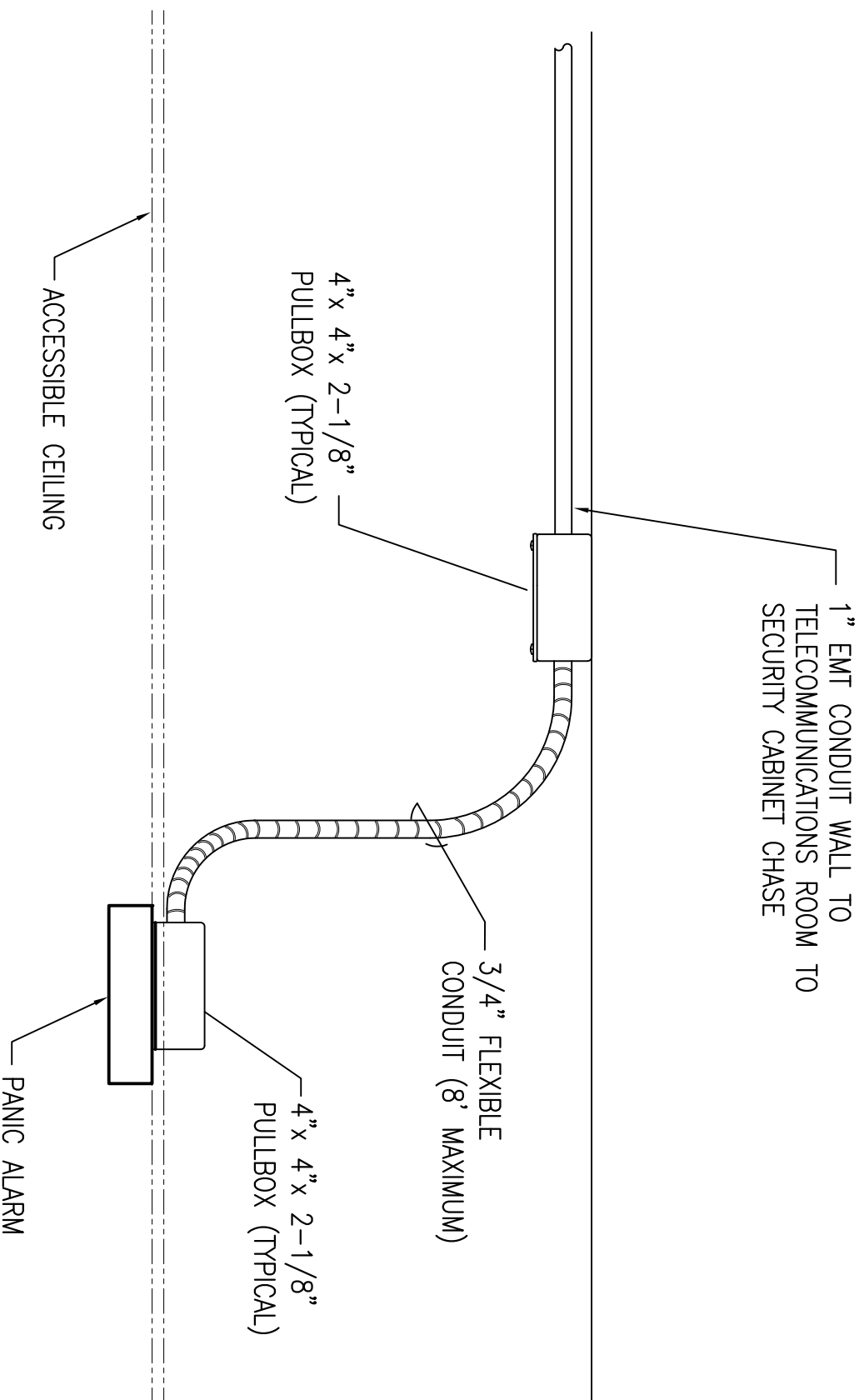
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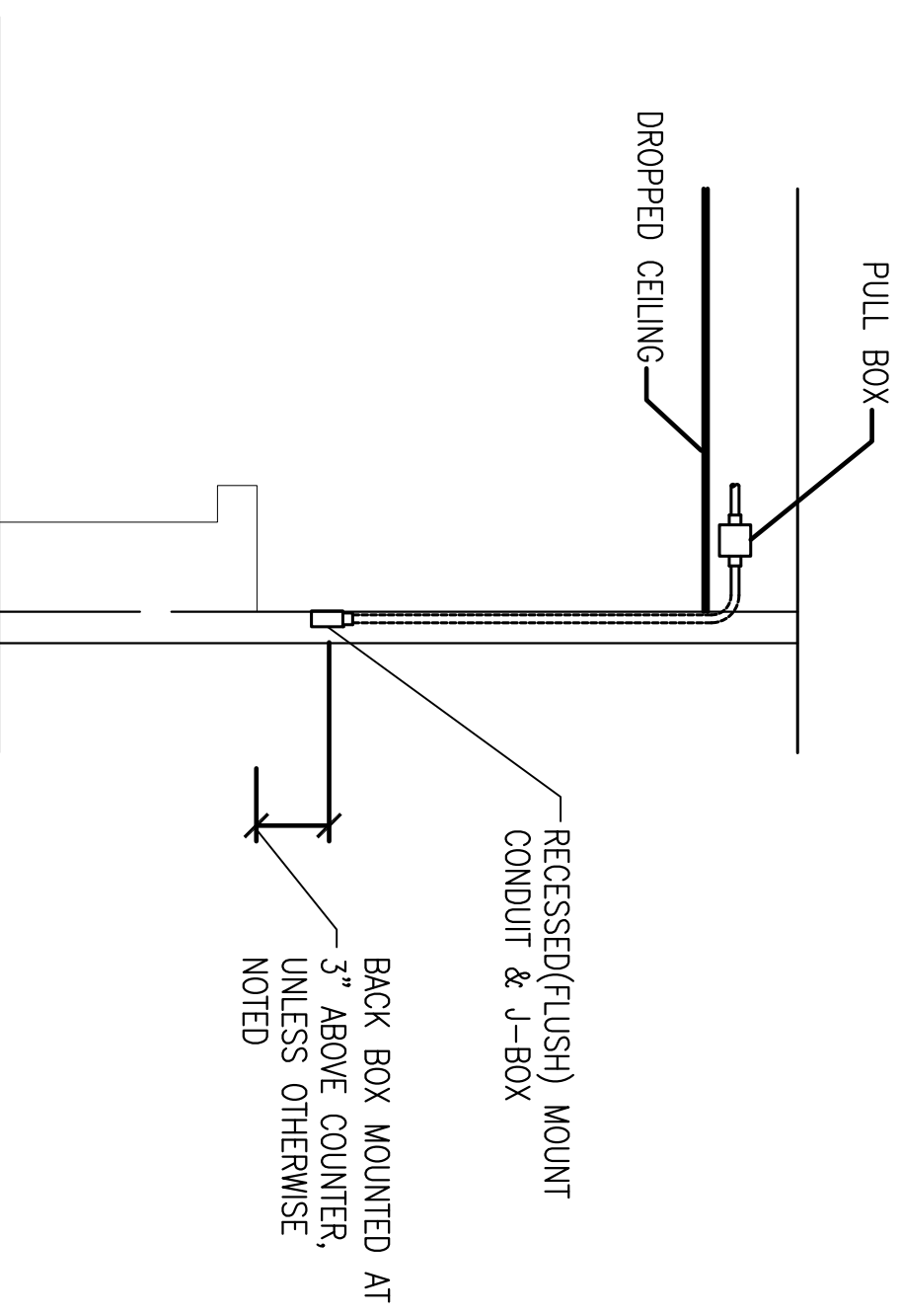
1
TY501
MOTION DETECTOR
CEILING MOUNT DETAIL



2
TY501
GLASS BREAK
CEILING MOUNT DETAIL



3
TY501
PANIC ALARM
CEILING MOUNT DETAIL

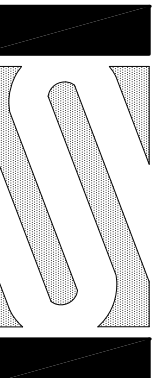
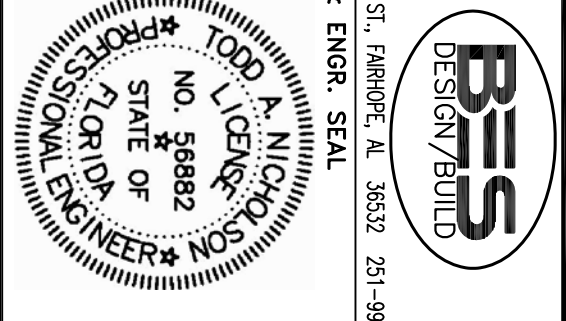


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TYPICAL DURESS MOUNTING DETAIL
NOT TO SCALE

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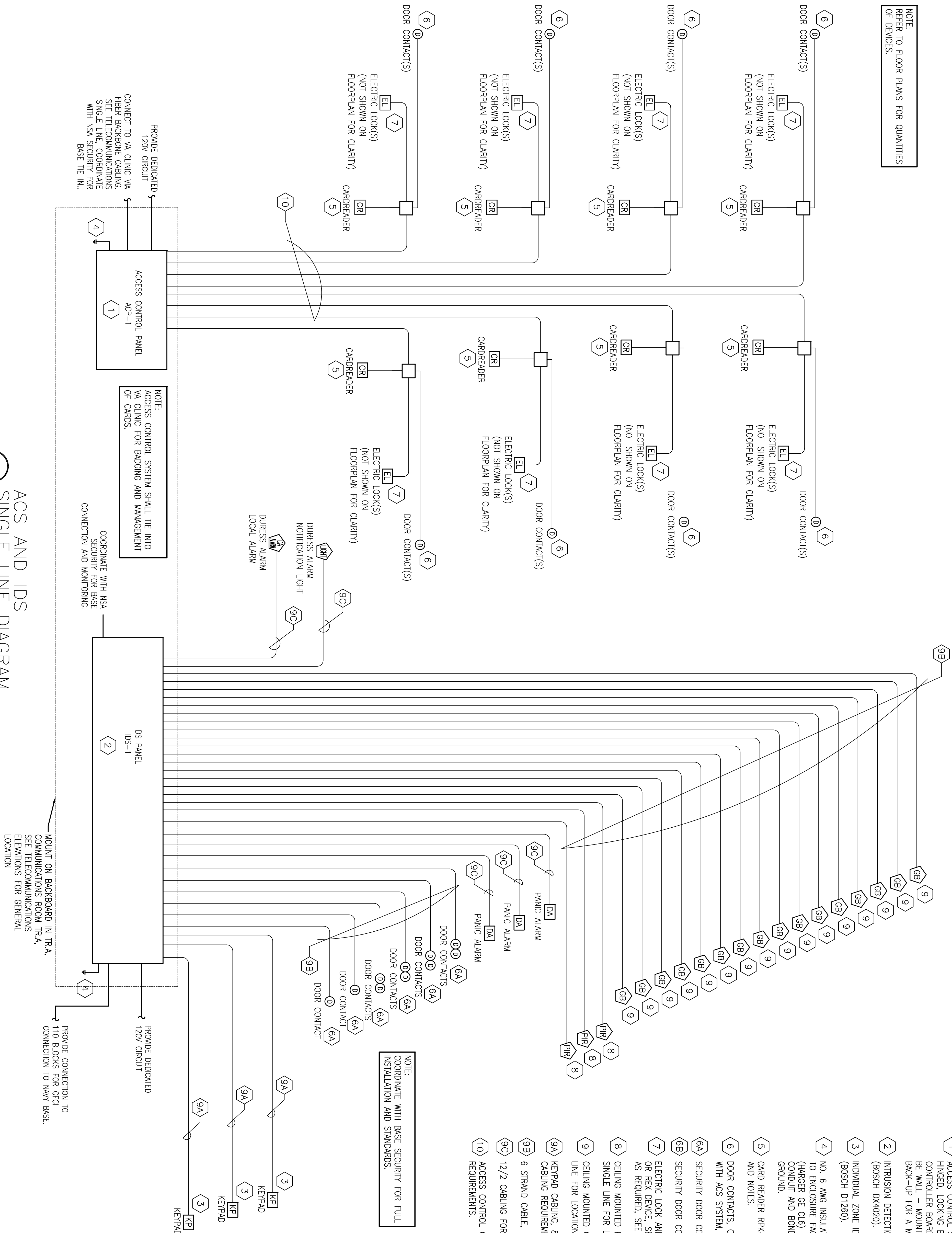
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 <p>SCHMIDT CONSULTING GROUP, INC. 6537 BRADLEY BLVD., SUITE 200 FORT WORTH, TEXAS 76133 TEL: 817-335-1144 FAX: 817-335-1145 E-MAIL: info@schmidtconsulting.com</p>				<p>NATURAL RESOURCES & ENVIRONMENTAL AFFAIRS</p> <p>TO DATE: _____</p> <p>DESIGNED BY: _____</p> <p>CHECKED BY: _____</p> <p>DATE: _____</p>		<p>P.W. DWG. NO.</p> <p>DRAWN BY: _____</p> <p>CHECKED BY: _____</p> <p>DATE: _____</p>		<p>DEPARTMENT OF THE NAVY</p> <p>NAVAL FACILITIES ENGINEERING COMMAND</p> <p>PANAMA CITY, FLORIDA</p> <p>PANAMA CITY JOINT OUTPATIENT CLINIC</p> <p>NAVAL GULF COAST HEALTH CARE</p> <p>SECURITY DETAILS</p>	
<p>ARCH. & ENGR. SEAL</p> <p>NO. 59882</p> <p>STATE OF TEXAS</p> <p>PROFESSIONAL ENGINEER</p>		<p>SAFETY DEPARTMENT</p> <p>FIRE DEPARTMENT</p> <p>PUBLIC WORKS SUPERVISOR</p>		<p>APPROVED</p> <p>DATE</p>		<p>SHEET NO. _____</p> <p>PROJ. NO. _____</p> <p>SCALE: AS NOTED</p>		<p>MACC. _____</p> <p>T.O.# _____</p> <p>SHEET 3 OF 5</p>	

ACS AND IDS S SINGLE LINE DIAGRAM KEY NOTES

- 1 ACCESS CONTROL SYSTEM CONTROLLER (ACS), PROVIDE IN TELE/DATA CLOSET IN HINGED, LOCKING ENCLOSURE, CONNECT TO INTERFACE PANELS AND DOOR CONTROLLER BOARDS. CONNECT TO 24V/12V POWER SUPPLY. EQUIPMENT SHALL BE WALL - MOUNTED SOFTWARE HOUSE ACCESS CONTROL. PROVIDE BATTERY BACK-UP FOR A MINIMUM OF 4 HOURS.
- 2 INTRUSION DETECTION SYSTEM (BOSCH D74128V3) WITH ENCRIPTION HARDWARE (BOSCH D1402D). PROVIDE BATTERY BACK-UP FOR A MINIMUM OF 4 HOURS.
- 3 INDIVIDUAL ZONE IDS KEYPAD, SEE FLOOR PLANS AND DOOR DETAILS (BOSCH D126D).
- 4 NO. 6 AWG INSULATED (GREEN) SOLID COPPER GROUNDING CONDUCTOR, BOND TO ENCLOSURE FACTORY GROUNDING POST WITH ONE HOLE COMPRESSION LUG (HARGER GE CL6) AND SS LOCKING NUT. ELECTRICAL CONTRACTOR RUN IN CONDUIT AND BOND TO COMMUNICATIONS SYSTEM AND ELECTRICAL SERVICE GROUND.
- 5 CARD READER RP440, SEE DOOR DETAILS AND TYPICAL SINGLE LINE DIAGRAM AND NOTES.
- 6 DOOR CONTACTS, CONCEALED IN DOOR AND FRAME, COMPLETE AND INTEGRATE WITH ACS SYSTEM, (NOT SHOWN ON FLOOR PLAN FOR CLARITY
- 6A SECURITY DOOR CONTACTS.
- 6B SECURITY DOOR CONTACT SENSOR, 2707A-L.
- 7 ELECTRIC LOCK AND DOOR HARDWARE WITH INTEGRATED REQUEST TO EXIT DEVICE OR REZ DEVICE, SEE DOOR DETAILS. INTEGRATE INTO ACCESS CONTROL SYSTEM AS REQUIRED. SEE ARCHITECTURAL DOOR SCHEDULE.
- 8 CEILING MOUNTED PASSIVE INFRARED MOTION DETECTOR, SEE FLOOR PLAN AND SINGLE LINE FOR LOCATIONS (PULNIX PARBIDE OR EQUAL).
- 9 CEILING MOUNTED GLASS BREAK DEVICE DETECTOR, SEE FLOOR PLAN AND SINGLE LINE FOR LOCATIONS (PULNIX OR EQUAL).
- 9A KEYPAD CABLING, 8 STRAND SHIELDED CABLING, REFER TO MANUFACTURES CABLING REQUIREMENTS.
- 9B 6 STRAND CABLE, REFER TO MANUFACTURES CABLING REQUIREMENTS.
- 9C 12/2 CABLING FOR SIGNAL, COORDINATE WITH ELECTRICAL.
- 10 ACCESS CONTROL CABLE, 4 ELEMENT CABLE, REFER TO MANUFACTURES CABLING REQUIREMENTS.



ACS AND IDS SINGLE LINE DIAGRAM

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DESIGN/REVIEW		DATE	
SAFETY DEPARTMENT		DATE	
FIRE DEPARTMENT		DATE	
SUPERVISOR		DATE	
APPROVED		DATE	
PUBLIC WORKS SUPERVISOR		DATE	
PUBLIC WORKS OFFICE		DATE	
DEPARTMENT OF THE NAVY		NAVAL FACILITIES ENGINEERING COMMAND	
NAVAL SUPPORT ACTIVITY		PANAMA CITY, FLORIDA	
PANAMA CITY JOINT OUTPATIENT CLINIC		NAVAL GULF COAST HEALTH CARE	
SECURITY DETAILS		SECURITY DETAILS	
SHEET NO.		SHEET NO.	
CODE IDENT. NO.		CODE IDENT. NO.	
CONSTR. CONTR. NO.		CONSTR. CONTR. NO.	
T.O.#		T.O.#	
SHEET		SHEET	
OF		OF	