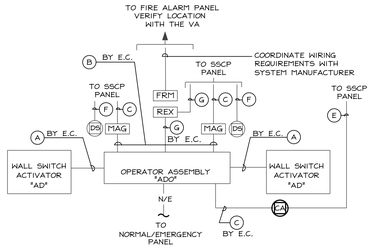



## ONE LINE WIRING DIAGRAM
## DOOR

GENERAL NOTES:

1. DOOR OPERATOR AND WALL SWITCHES BY OTHERS.
2. DOOR SWITCH "DS", ELECTROMAGNETIC LOCK "MAG", CARD ACCESS READER "CA" (BY THE E.C.)
3. ALL WIRING UNDER THE ELECTRICAL PORTION OF THE CONTRACT. COORDINATE WITH DRAWING EL100 AND THE SPECIFICATIONS.

WIRING LEGEND

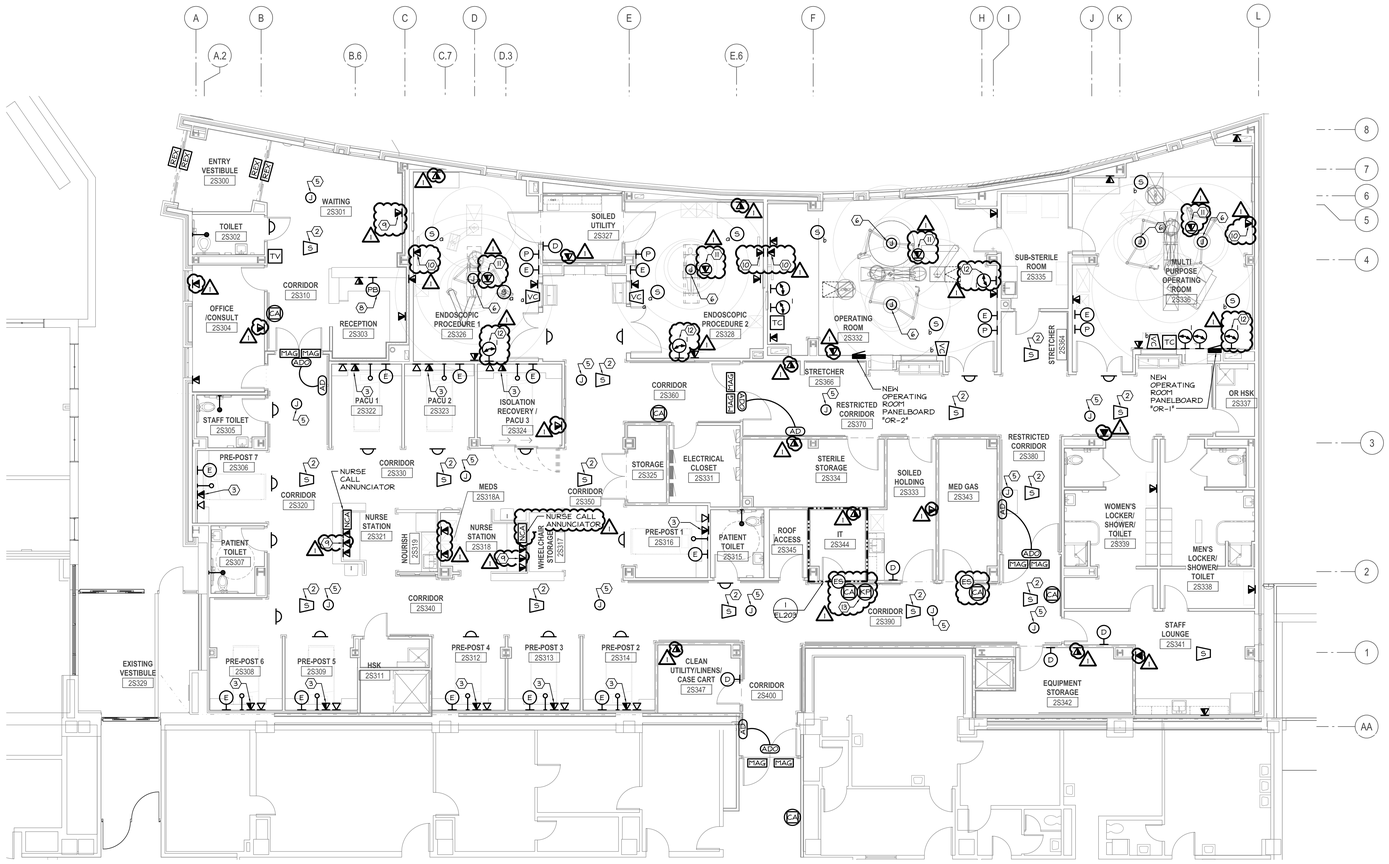
- (A) 2 COND. - 18 GA.
- (B) 10 COND. - 18 GA. SHIELDED
- (C) 4 COND. - 18 GA. SHIELDED
- (D) 6 COND. - 18 GA. SHIELDED
- (E) 10 COND. - 22 GA. SHIELDED
- (F) 2 COND. - 22 GA.
- (G) 4 COND. - 22 GA.

NUMBERED NOTES:

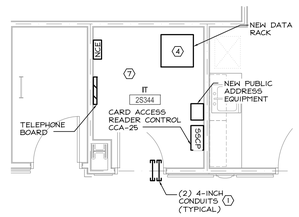
1. (2) 4-INCH CONDUIT STUBS ABOVE CEILING FOR COMMUNICATIONS CABLE AT FIRE RATED DOORS. CONDUIT PENETRATIONS SHALL BE SEALED TO MAINTAIN FIRE RATING.
2. NEW CEILING MOUNTED PAGING SPEAKER. NEW SPEAKERS SHALL BE TIED INTO EXISTING HOSPITAL SYSTEM. PROVIDE ALL NECESSARY WIRING. PROVIDE ADDITIONAL AMPLIFIER AS REQUIRED.
3. PROVIDE SINGLE JACK FOR CONNECTION TO PATIENT MONITORING SYSTEM IN ADDITION TO CABLING. COORDINATE REQUIREMENTS WITH SYSTEM VENDOR. PROVIDE CABLING BACK TO SYSTEM RACK.
4. PROVIDE 100 PAIR COPPER TO TELEPHONE BOARD AND 12 STRAND FIBER TO DATA RACKS AND BACK TO MDF ROOM B-13 (TC-00A) AND TERMINATE. SEE DRAWING EL206 FOR LOCATION OF MDF ROOM.
5. JUNCTION BOX FOR WIRELESS CONNECTION. PROVIDE CAT 6 CONNECTION AND ANY/ALL POWER REQUIREMENTS.
6. JUNCTION BOX FOR DATA/LOW VOLTAGE CONNECTION TO SURGICAL MONITORS. COORDINATE ALL CONDUIT REQUIREMENTS WITH EQUIPMENT VENDOR.
7. PROVIDE 8' HIGH X .75" THICK 2 HOUR RATED PLYWOOD ALONG ALL WALLS OF THE TELECOMMUNICATIONS ROOM.
8. PANIC BUTTON. PROVIDE ALL NECESSARY WIRING FROM PANIC BUTTON TO FACILITIES SECURITY SYSTEM. COORDINATE ALL REQUIREMENTS WITH THE VA.

⚠

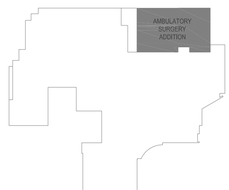
9. PROVIDE SINGLE JACK FOR CONNECTION TO SQUIT MONITOR IN ADDITION TO CABLING. COORDINATE REQUIREMENTS WITH OWNER. PROVIDE CABLING BACK TO SYSTEM RACK. COORDINATE MOUNTING HEIGHT WITH ARCHITECT.
10. PROVIDE SINGLE JACK FOR CONNECTION TO PACS MONITOR IN ADDITION TO CABLING. COORDINATE REQUIREMENTS WITH OWNER. PROVIDE CABLING BACK TO SYSTEM RACK. COORDINATE MOUNTING HEIGHT WITH ARCHITECT.
11. PROVIDE DATA DROP ABOVE CEILING. PROVIDE CABLING BACK TO SYSTEM RACK.
12. PROVIDE FLUSH MOUNTED DIGITAL ELAPSED TIMER WITH CODE BLUE ACTIVATION. AMERICAN TIME, INTEGRATED SOLUTIONS. COORDINATE LOCATION WITH ARCHITECT.
13. PROVIDE COMBINATION CARD ACCESS AND KEY PAD DEVICE. TIE INTO EXISTING BOSH SYSTEM.




1 EL203 Second Floor - Electrical New Work - Systems
1/8" = 1'-0"




2 EL203 Enlarged Second Floor - Electrical New Work - Systems
1/4" = 1'-0"




Key Plan

FINAL DRAWING SUBMISSION (100%)
FULLY SPRINKLERED

| Revisions: | Date |
|---|---|
| ⚠ Electrical/Data Changes | 01/07/15 |

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Approved: Project Director

Project Title: AMBULATORY SURGERY ADDITION REDESIGN
Location: VAMC 135 EAST 38th STREET, ERIE PENNSYLVANIA, 16504
Date: 12 MAR 2013
Checked: CEM
Drawn: BMM

Project Number: 562-311
Building Number:
Drawing Number: EL203
Dwg. 79 of 86

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231