

PATHWAY SHOP DRAWING REQUIREMENT

APPROXIMATE ROUTING SHOWN ON THESE DRAWINGS FOR TELECOMMUNICATIONS BACKBONE CABLING IS ONLY TO INDICATE GENERAL SCOPE OF WORK. CONTRACTOR MUST FIELD VERIFY ACTUAL ROUTING AND SUBMIT "PATHWAY SHOP DRAWING" TO VA COR FOR APPROVAL AND COORDINATION. DRAWING SHALL BE MINIMUM 1/4" = 20'-0" SCALE AND SHALL ORIGINATE, BUT IS NOT LIMITED TO: PROPOSED ROUTE, PULLBOXES, PENETRATION THROUGH FLOORS AND LIFE SAFETY BARRIERS (SMOKE AND FIRE), WHERE ROUTING IS ABOVE FINISHED CEILINGS IN OCCUPIED AREAS, INDICATE APPROXIMATE LENGTH OF TIME AND EXTENT OF WORK.

[illegible]

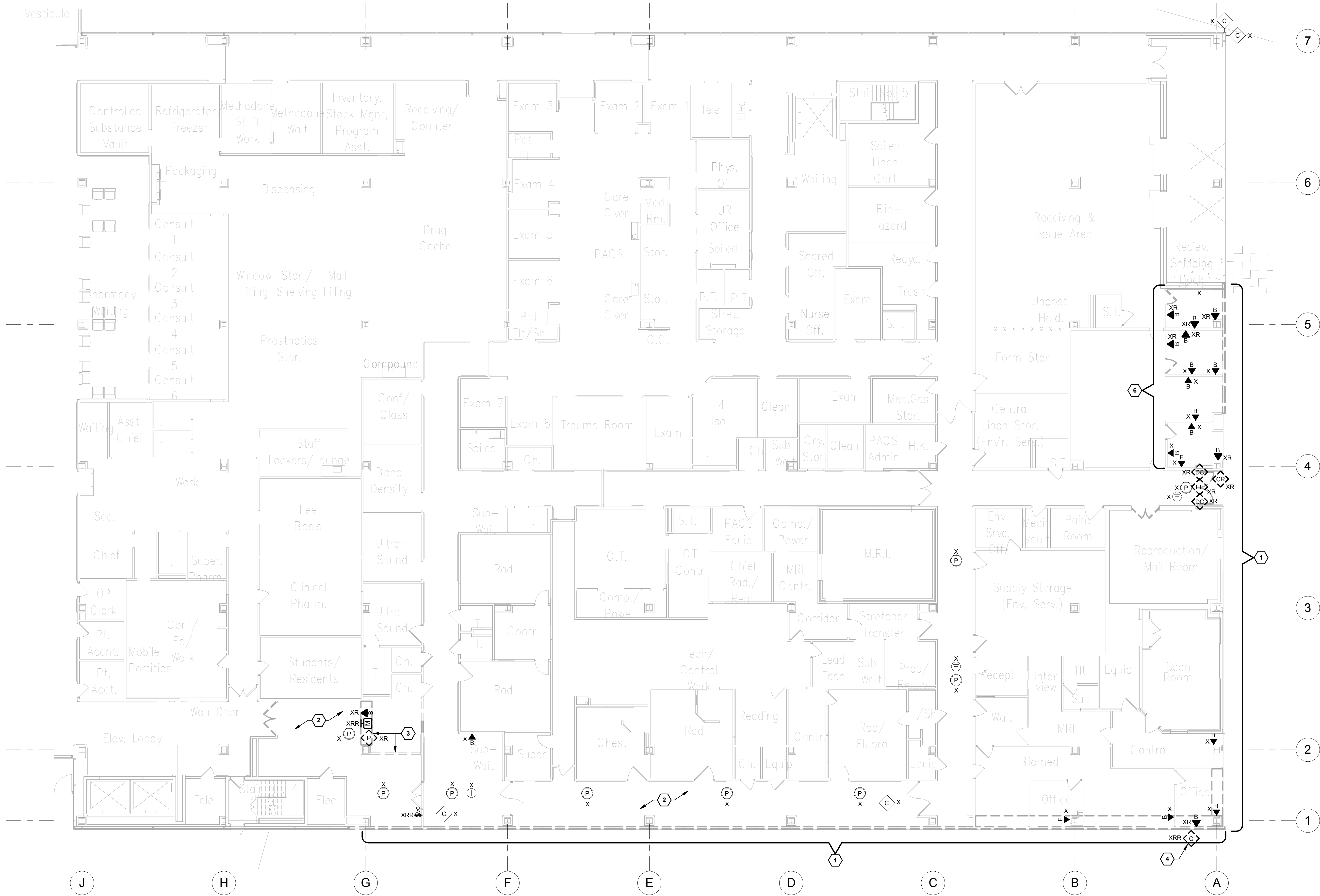
**BID AND CONSTRUCTION
FULLY SPRINKLERED**

Office of
Construction
and Facilities
Management

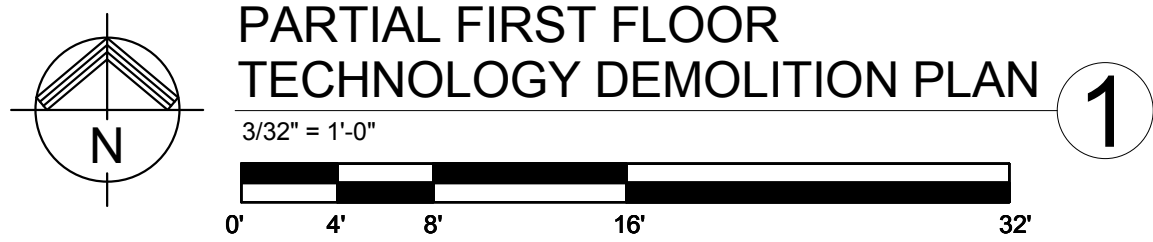
 Department of
Veterans Affairs

4/25/2014 7:55:59 AM C:\xv\Local Files\12067_FFH CF_ccompbell.rvt

three-eighths inch = one foot
one-quarter inch = one foot
one-half inch = one foot
three-quarters inch = one foot
one inch = one foot
one and one-half inches = one foot
three inches = one foot



- TECHNOLOGY DEMOLITION CODED NOTES:**
1. EC SHALL REMOVE/RELOCATE TECHNOLOGY DEVICES ON EXTERIOR WALLS THAT ARE DESIGNATED TO BE REMOVED OR THAT INTERFERE WITH INSTALLATION OF NEW WALLS. DEVICES INDICATED ARE VIA RECORD DRAWINGS. ADDITIONAL DEVICES REQUIRING REMOVAL MAY BE PRESENT IN THE FIELD. FOR DEVICES BEING RELOCATED, PROVIDE CONDUIT AND WIRING (EXTENSIONS WHERE POSSIBLE OR NEW BACK TO SOURCE) AS NECESSARY TO RECONNECT DEVICES COMPLETE AT NEW LOCATION.
 2. REMOVE EXISTING CEILING MOUNTED TECHNOLOGY DEVICES DENOTED AS EXISTING TO REMAIN TO ACCOMMODATE NEW CEILING WORK. RE-INSTALL EXISTING TECHNOLOGY DEVICES AFTER CEILING WORK HAS BEEN COMPLETED. DEVICES INDICATED ARE VIA RECORD DRAWINGS. ADDITIONAL DEVICES REQUIRING REMOVAL MAY BE PRESENT IN THE FIELD.
 3. RELOCATE EXISTING NURSE CALL MASTER STATION TO NEW RADIOLOGY RECEPTION DESK. REMOVE OTHER EXISTING WALL MOUNTED TECHNOLOGY DEVICES COMPLETE BACK TO SOURCE.
 4. REMOVE EXISTING EXTERIOR, WALL MOUNTED SECURITY CAMERA AND MAINTAIN FOR RE-USE ON NEW ADDITION EXTERIOR. REFER TO NEW SECURITY PLAN FOR ADDITIONAL INFORMATION AND WORK REQUIREMENTS.
 5. REMOVE EXISTING ACCESS CONTROL, SECURITY DEVICES AT EXTERIOR DOOR COMPLETE BACK TO SOURCE.
 6. COORDINATE DEMOLITION OF DEVICES IN THIS AREA WITH PLANS FOR ALTERNATES #1 AND #2. DEMOLITION OF DEVICES IN THIS AREA IS NOT REQUIRED IF ALTERNATES #1 OR #2 ARE ACCEPTED.

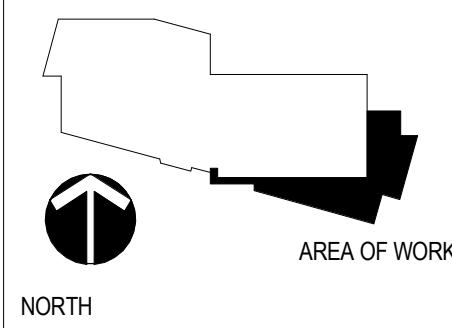


- ELECTRICAL DEMOLITION NOTES**
- D1 ALL EXISTING LIGHTING FIXTURES, RECEPTACLES, SPECIAL SYSTEMS OUTLETS, CONDUIT, WIRING ETC. THAT WILL NOT BE REUSED IN THE REMODELED INSTALLATION SHALL BE REMOVED UNLESS OTHERWISE NOTED. THIS DEMOLITION SHALL INCLUDE ALL ELECTRICAL ITEMS SHOWN ON THIS PLAN THAT ARE NOT DESIGNATED BY "X", "XR" OR "RRR" AND ALL OTHER ADDITIONAL ITEMS THAT ARE NOT SHOWN BUT THAT MUST BE REMOVED IN ORDER TO PRODUCE A NEAT, FINISHED, PROPERLY FUNCTIONING ELECTRICAL INSTALLATION. MAINTAIN CIRCUIT CONTINUITY TO ALL EXISTING REUSED ELECTRICAL SYSTEMS COMPONENTS - PROVIDE ALL CONDUIT AND WIRING NECESSARY TO ACHIEVE THE SAME. THE CONTRACTOR SHALL FIELD VERIFY THE NATURE AND EXTENT OF ALL DEMOLITION WORK AND SHALL INCLUDE COST FOR THE SAME IN THE BID SUBMITTAL.
 - D2 ALL EXISTING REMOVED ELECTRICAL EQUIPMENT, DEVICES, ETC. THAT ARE NOT RETAINED BY THE OWNER SHALL BE DISPOSED OF BY THE ELECTRICAL CONTRACTOR.
 - D3 DASHED WALLS ON PLAN INDICATE EXISTING CONSTRUCTION TO BE REMOVED.
 - D4 REFER TO ELECTRICAL LEGEND FOR ALL SYMBOL DESIGNATIONS. NOTE SPECIAL ATTENTION TO SELECTED EXISTING DEVICES, WIRWAYS, ETC. MARKED XB, XRR OR XN, AND REMOVE/BLANK OFF, RELOCATE OR REPLACE THESE COMPONENTS AS REQUIRED.
 - D5 MAINTAIN CIRCUIT CONTINUITY TO ALL EXISTING ELECTRICAL SYSTEM COMPONENTS IN AREAS NOT BEING REMODELED UNLESS OTHERWISE NOTED. PROVIDE ALL CONDUIT AND WIRING EXTENSIONS NECESSARY TO ACHIEVE SAME.
 - D6 THE ELECTRICAL CONTRACTOR SHALL CLOSELY COORDINATE ALL ELECTRICAL DEMOLITION WORK WITH THE GENERAL AND MECHANICAL CONTRACTORS, AND SHALL DISCONNECT ALL REQUIRED CIRCUITS IN A TIMELY MANNER.

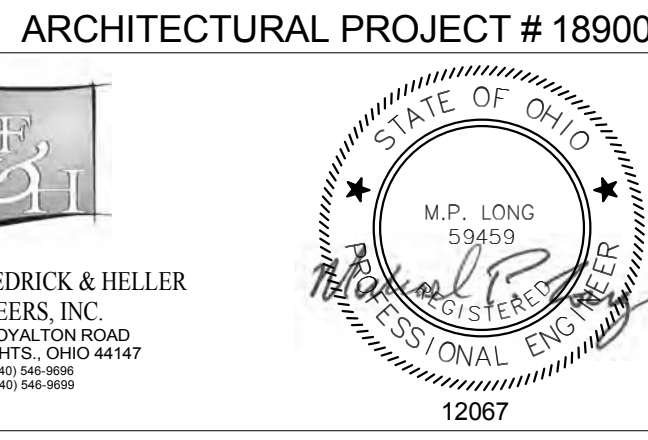
BID AND CONSTRUCTION	04/25/14
Revisions	Date

CONSULTANTS:

KEY PLAN



ARCHITECTS/ENGINEERS:



Drawing Title	Project Title
PARTIAL FIRST FLOOR TECHNOLOGY DEMOLITION PLAN	Columbus VA Medical Center CHALMERS P. WYLIE ACC BUILD SPECIALTY CARE CENTER
Approved: Project Director	Location 420 N. JAMES ROAD, COLUMBUS, OH 43219
	Date 04/25/14
	Checked MPL
	Drawn CPC

Project Number 757-200	Building Number 1
Drawing Number T2.1	Dwg. 149 of 159

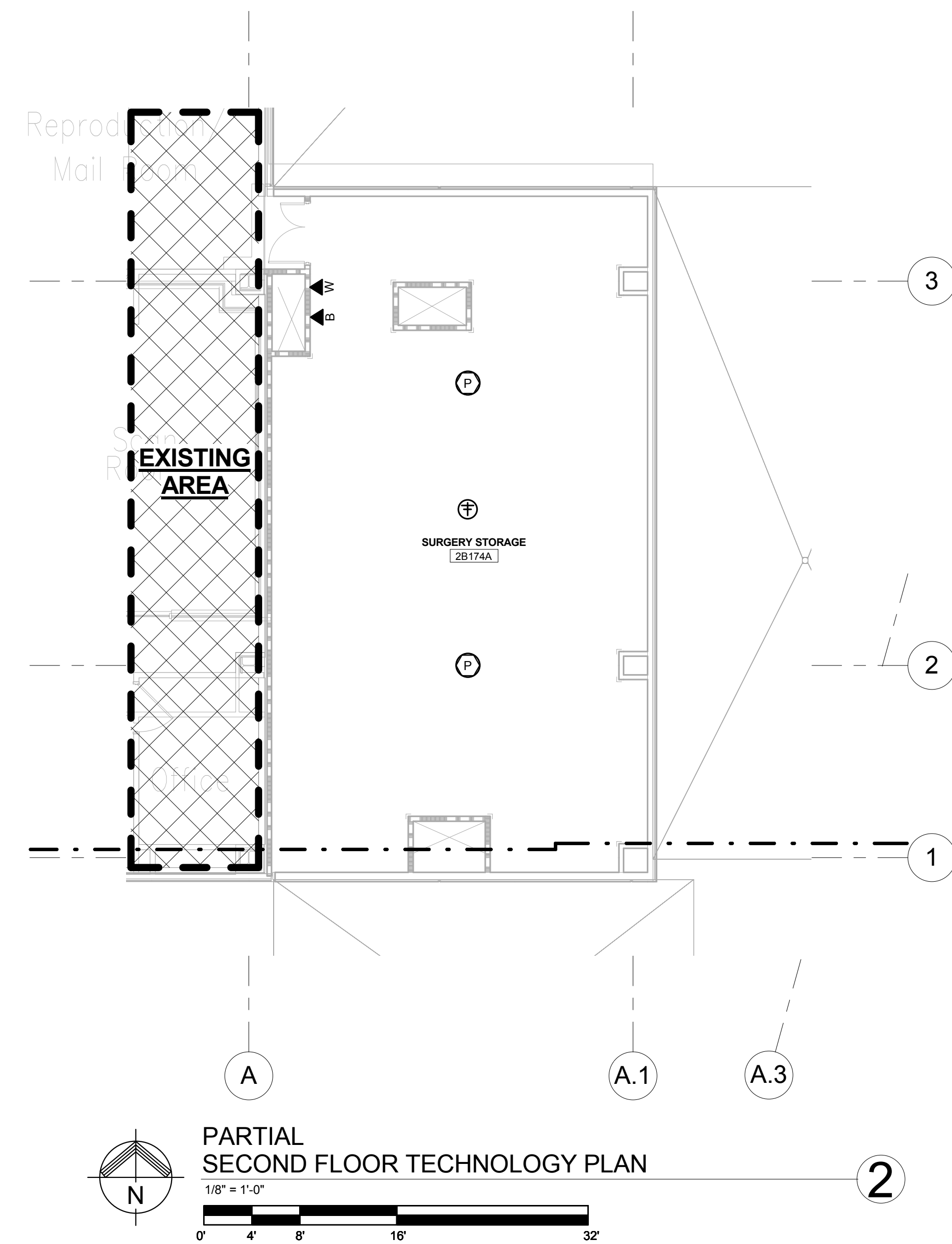
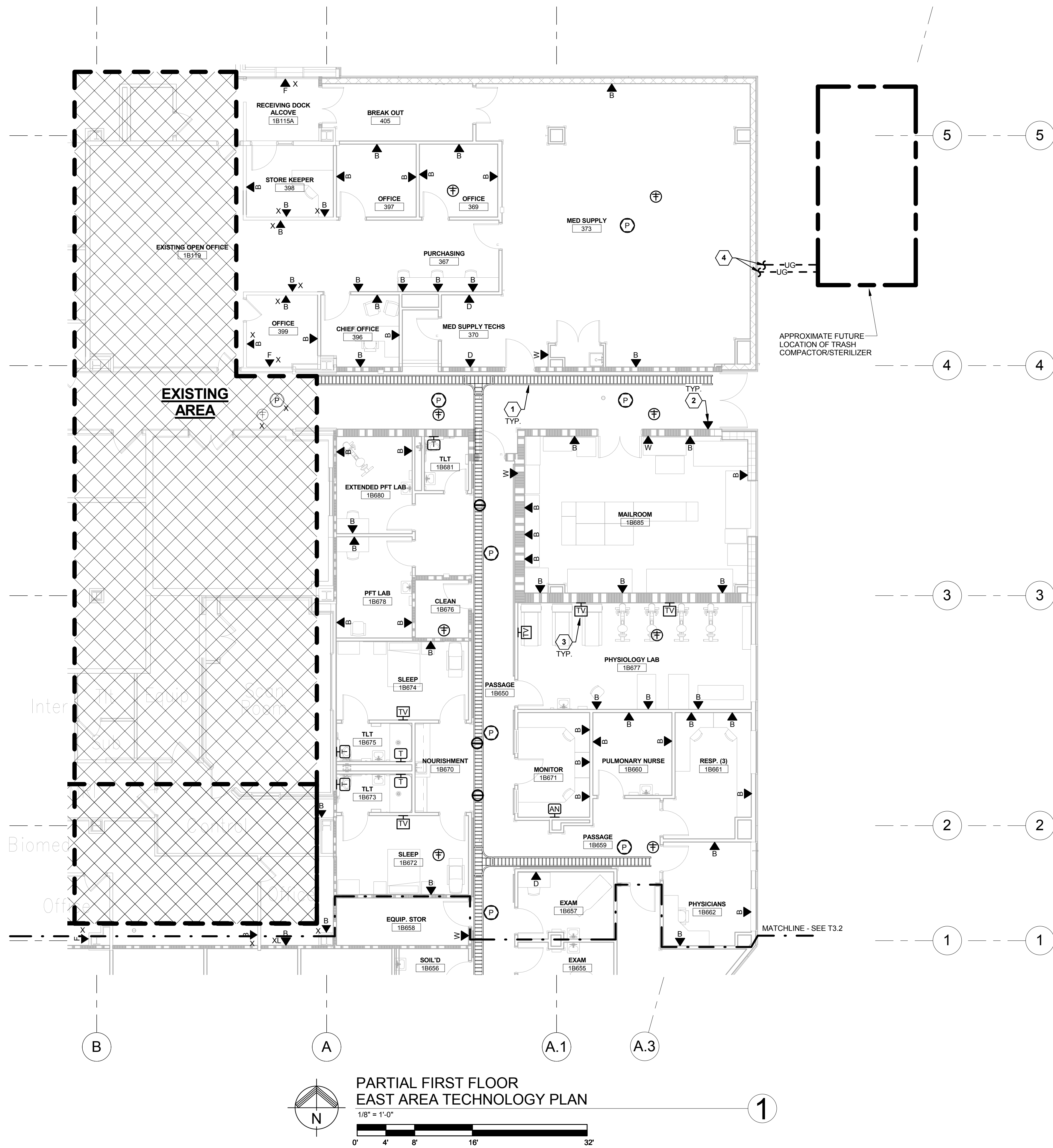
Office of
Construction
and Facilities
Management



**BID AND CONSTRUCTION
FULLY SPRINKLERED**

4/25/2014 7:56:10 AM C:\newit Local Files\12067 FTH CF_campbell.rvt

three-eighths inch = one foot
one-quarter inch = one foot
one-half inch = one foot
three-quarters inch = one foot
one inch = one foot
one and one-half inches = one foot
two inches = one foot
three inches = one foot



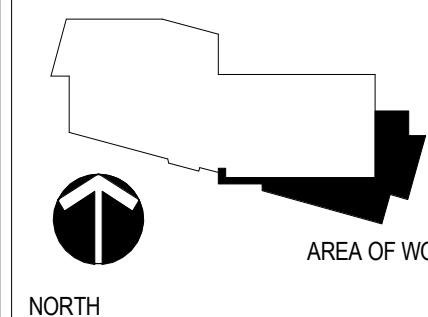
TECHNOLOGY GENERAL NOTES	
T1	REFER TO THE ARCHITECTURAL PLANS FOR EQUIPMENT LAYOUT. CLOSELY COORDINATE THE EXACT LOCATION OF ALL OUTLETS AND DEVICES WITH ARCHITECTURAL ELEVATIONS. ADJUST LOCATIONS AND MOUNTING HEIGHTS WHERE NECESSARY TO PREVENT INTERFERENCE WITH FURNITURE, FIXED CASEWORK, EQUIPMENT, ETC. VERIFY ALL CHANGES PRIOR TO ROUGH-IN.
T2	CONTRACTOR SHALL VERIFY ALL EQUIPMENT LOCATIONS, MOUNTING HEIGHTS, AND CONNECTION REQUIREMENTS (DATA OUTLETS, ETC) WITH EQUIPMENT VENDOR PRIOR TO ROUGH-IN.
T3	ALL NEW TECHNOLOGY UTILITIES IN CORRIDORS SHALL BE ROUTED AS HIGH AS POSSIBLE.
T4	REFER TO ARCHITECTURAL PLANS FOR EXACT PHASING AND ALTERNATE REQUIREMENTS.

TECHNOLOGY PLAN CODED NOTES	
1	PROVIDE NEW 18"W X 4"H CABLE TRAY PER SPECIFICATIONS. CABLE TRAY IN TELECOM ROOM SHALL BE INDEPENDENTLY SUPPORTED AND MOUNTED 6" ABOVE TELECOM RACKS. COORDINATE CABLE TRAY ROUTE TO AVOID INTERFERENCE WITH DUCTWORK, PIPING, CONDUITS, LIGHTING FIXTURES, AND ALL OTHER SYSTEMS WITHIN CEILING SPACE.
2	PROVIDE CAT5 CABLE AT LOCATION AS INDICATED FROM POE SWITCH IN TELECOMMUNICATIONS CLOSET FOR RFID LOSS PREVENTION EQUIPMENT. COORDINATE EXACT REQUIREMENTS WITH VA COR PRIOR TO ROUGH-IN.
3	COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
4	PROVIDE (2) DEDICATED ANALOG PHONE LINES FOR COMPACTOR/STERILIZER EQUIPMENT. COORDINATE EXACT LOCATION AND ROUTING WITH VA COR AND EQUIPMENT VENDOR PRIOR TO ROUGH-IN. ALL UNDERGROUND CONDUIT SHALL CONFORM TO SPECIFICATIONS AND GENERAL NOTES FOR SITE WORK.

BID AND CONSTRUCTION	04/25/14
Revisions	Date

CONSULTANTS:

KEY PLAN



ARCHITECTS/ENGINEERS:

CBLH DESIGN
7850 Freeway Circle
440.243.2000 t
Cleveland, OH 44130
440.243.3305 f

Architecture Planning Interior Design

ARCHITECTURAL PROJECT # 18900



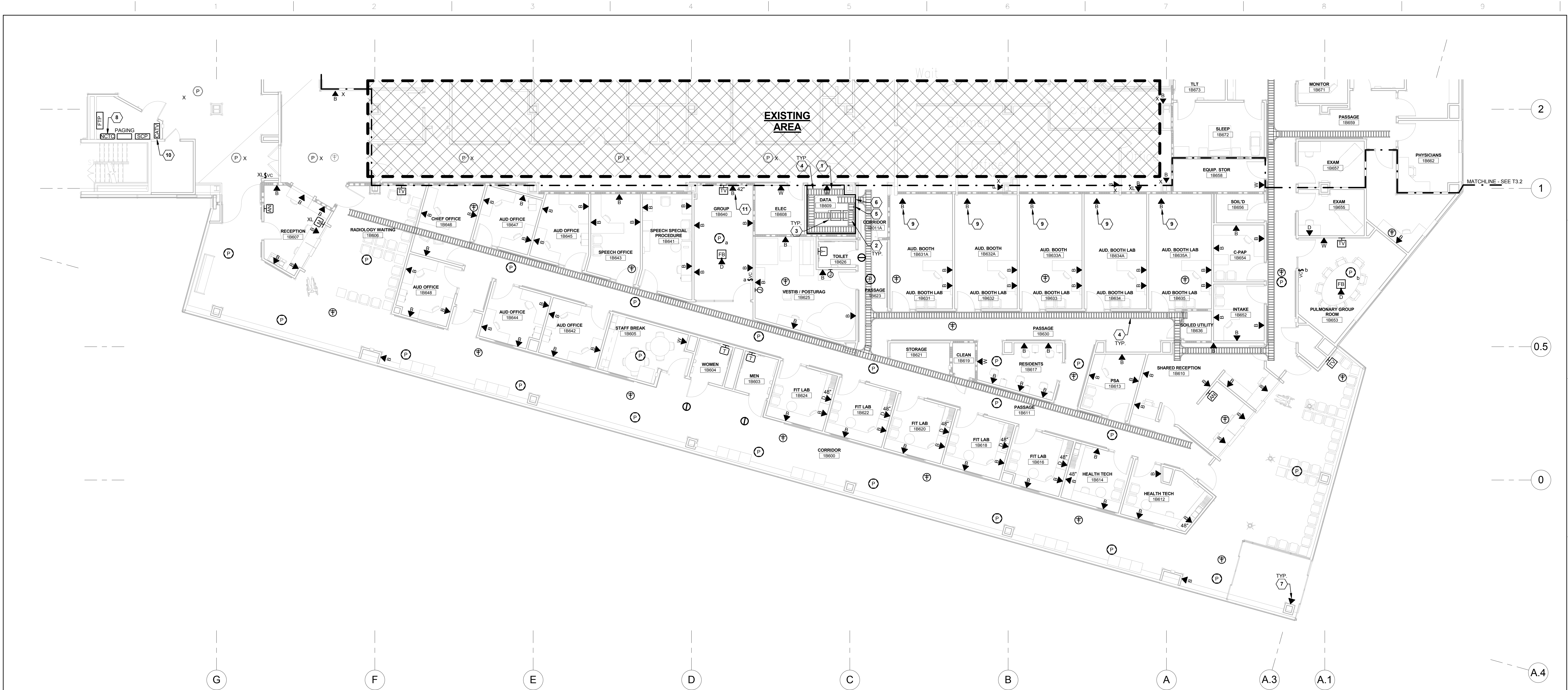
Drawing Title PARTIAL FIRST FLOOR EAST AREA AND SECOND FLOOR TECHNOLOGY PLAN	
Approved: Project Director	

Project Title Columbus VA Medical Center CHALMERS P. WYLIE ACC BUILD SPECIALTY CARE CENTER	
Location 420 N. JAMES ROAD, COLUMBUS, OH 43219	
Date 04/25/14	Checked MPL
Drawn CPC	Project Number 757-200 Building Number 1 Drawing Number T3.1 Dwg. 150 of 159

Office of
Construction
and Facilities
Management



4/25/2014 7:56:24 AM C:\xv\it Local Files\12067 FTH CF_campbell.rvt
one-eighth inch = one foot
one-quarter inch = one foot
one-half inch = one foot
three-quarters inch = one foot
one inch = one foot
one and one-half inches = one foot
two inches = one foot
three inches = one foot
three-quarters inch = one foot
one-half inch = one foot
one-quarter inch = one foot
one-eighth inch = one foot



- TECHNOLOGY GENERAL NOTES**
- REFER TO THE ARCHITECTURAL PLANS FOR EQUIPMENT LAYOUT. CLOSELY COORDINATE THE EXACT LOCATION OF ALL OUTLETS AND DEVICES WITH ARCHITECTURAL ELEVATIONS. ADJUST LOCATIONS AND MOUNTING HEIGHTS WHERE NECESSARY TO PREVENT INTERFERENCE WITH FURNITURE, FIXED CASEWORK, EQUIPMENT, ETC. VERIFY ALL CHANGES PRIOR TO ROUGH-IN.
 - CONTRACTOR SHALL VERIFY ALL EQUIPMENT LOCATIONS, MOUNTING HEIGHTS, AND CONNECTION REQUIREMENTS (DATA OUTLETS, ETC) WITH EQUIPMENT VENDOR PRIOR TO ROUGH-IN.
 - ALL NEW TECHNOLOGY UTILITIES IN CORRIDORS SHALL BE ROUTED AS HIGH AS POSSIBLE.
 - REFER TO ARCHITECTURAL PLANS FOR EXACT PHASING AND ALTERNATE REQUIREMENTS.

MOTORIZED SHADES SYSTEM NOTE:

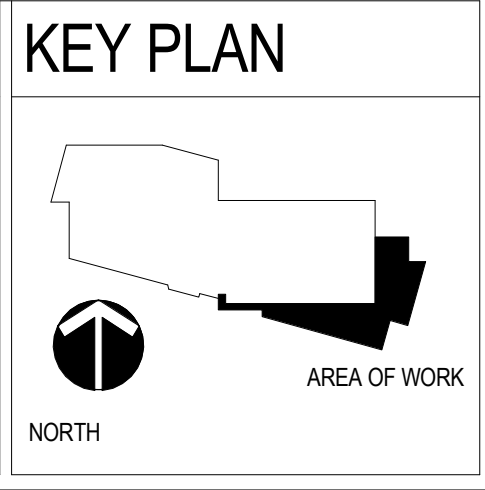
CONTRACTOR SHALL PROVIDE CATV CABLING AS DIRECTED BY SYSTEM VENDOR TO CONNECT MOTORIZED SHADE CONTROLS COMPLETE. SHADES, ELECTRONIC SHADE MOTORS, SWITCHES, INTERCONNECTION DEVICES, ETC. SHALL BE PROVIDED BY OTHERS. COORDINATE EXACT LOCATION OF DEVICES THAT REQUIRE CABLING WITH SYSTEM VENDOR. PROVIDE J-HOOKS PER SPECIFICATIONS AND ROUTE CABLING ABOVE FINISHED CEILING.

- TECHNOLOGY CODED NOTES**
- PROVIDE 3/4"D x 8"H, 2-HOUR FIRE-RETARDANT PLYWOOD BACKBOARD WITH FIRE-RETARDANT PAINT MOUNTED 12" AFF AROUND PERIMETER OF NEW TELECOMM ROOM.
 - PROVIDE 19" x 7'-0"H 2-POST RACK WITH RMJ MARKINGS ON CHANNEL. BOLT RACK TO FLOOR PER SPECIFICATIONS. WITH HORIZONTAL AND VERTICAL CABLE MANAGEMENT. TELECOM NETWORK SWITCH AND UPS PROVIDED BY OWNER. TELECOM PATCH PANELS, PUNCHDOWN BLOCKS, FIBER OPTIC CONNECTORS, GCIBS, ETC. SHALL BE PROVIDED BY THE CONTRACTOR. REFER TO TECHNOLOGY DETAILS FOR ADDITIONAL INFORMATION.
 - PROVIDE DOUBLE 6"W FULL HEIGHT VERTICAL CABLE MANAGERS ON BOTH SIDES OF EACH RACK.
 - PROVIDE NEW 18"W x 4"H CABLE TRAY PER SPECIFICATIONS. CABLE TRAY IN TELECOM ROOM SHALL BE INDEPENDENTLY SUPPORTED AND MOUNTED 6" ABOVE TELECOM RACKS. COORDINATE CABLE TRAY ROUTE TO AVOID INTERFERENCE WITH DUCTWORK, PIPING, CONDUITS, LIGHTING FIXTURES, AND ALL OTHER SYSTEMS WITHIN CEILING SPACE.
 - PROVIDE 20'L x 4"W x 1/4"D COPPER TECHNOLOGY GROUNDING BUSBAR WALL MOUNTED IN AVAILABLE SPACE IN TELECOM ROOM. BOND BUSBAR TO NEAREST BUILDING STEEL VIA EXOTHERMIC WELD (NEC 750.52). BOND ALL TELECOM EQUIPMENT RACKS, LADDER TRAYS, AND EQUIPMENT ENCLOSURES TO BUSBAR WITH #16AWG GREEN INSULATED STRANDED COPPER BONDING CABLE VIA 2-BOLT HOLE COMPRESSION LUG CONNECTOR. REFER TO TECHNOLOGY DETAILS FOR ADDITIONAL INFORMATION.
 - PROVIDE 2 SETS OF (4) 4"x6" FIRE RATED PATHWAYS EACH CONSISTING OF ENCLOSED HEAVY GAUGE GALVANIZED STEEL PATHWAY CONTAINING BUILT-IN FIRE SEALING SYSTEM SUFFICIENT TO MAINTAIN THE HOURLY FIRE-RATING OF THE BARRIER BEING PENETRATED. THE SELF-CONTAINED SEALING SYSTEM SHALL AUTOMATICALLY ADJUST TO THE INSTALLED CABLE LOADING AND SHALL PERMIT THE CABLES TO BE INSTALLED, REMOVED, OR RETROFITTED WITHOUT THE NEED TO REMOVE OR REINSTALL THE FIRESTOP MATERIALS. THE PATHWAY SHALL BE UL LISTED AND TESTED TO THE REQUIREMENTS OF ASTM E814.
 - PROVIDE CATS CABLE AT LOCATION AS INDICATED FROM POE SWITCH IN TELECOMMUNICATIONS CLOSET FOR RFID LOSS PREVENTION EQUIPMENT. COORDINATE EXACT REQUIREMENTS WITH VA COR PRIOR TO ROUGH-IN.

- TECHNOLOGY CODED NOTES**
- NURSE CALL SYSTEM SHALL BE PROGRAMMED SIMILAR TO NURSE CALL SYSTEM IN EXISTING BUILDING. SYSTEM SHALL FUNCTION SUCH THAT IF A CALL LIGHT WITHIN THE PROJECT AREA IS NOT RESPONDED TO WITHIN A SET PERIOD OF TIME AS DETERMINED BY THE FACILITY, THE CALL SHALL BE ESCALATED TO VA POLICE. PROVIDE ALL NECESSARY COMPONENTS, CABLING, ETC. TO ACCOMPLISH THIS FUNCTION AND PROVIDE FOR A COMPLETE INSTALLATION.
 - PROVIDE DATA CONNECTION FOR AUDIOLOGY TESTING BOOTH. COORDINATE EXACT REQUIREMENTS WITH SYSTEM VENDOR PRIOR TO ROUGH-IN.
 - PROVIDE NEW RF AMPLIFIER, 2-OUTPUT DIRECTIONAL TAP TO ACCEPT CATV BROADBAND SIGNAL AND FEED FUTURE COMMUNICATIONS CLOSETS, AND 8-OUTPUT DIRECTIONAL TAP TO SUPPLY NEW CATV OUTLETS. MOUNT TO ROOM'S NEW BACKBOARD TO MATCH EXISTING CATV INSTALLATIONS. CONNECT COMPLETE TO OUTPUT OF EXISTING CATV TAP IN THE "D-RISER" TELECOMMUNICATIONS CLOSET #18002. REFER TO KEY PLAN FOR LOCATION OF CLOSET. CONTRACTOR SHALL PROVIDE ALL ADDITIONAL HARDWARE AND CABLING NECESSARY FOR A COMPLETE SYSTEM INSTALLATION, INCLUDING ADDITIONAL EQUIPMENT AS NECESSARY IF TAP IS UNAVAILABLE IN EXISTING CLOSET.
 - VERIFY EXACT MOUNTING HEIGHT WITH VA COR.

BID AND CONSTRUCTION	04/25/14
Revisions	Date

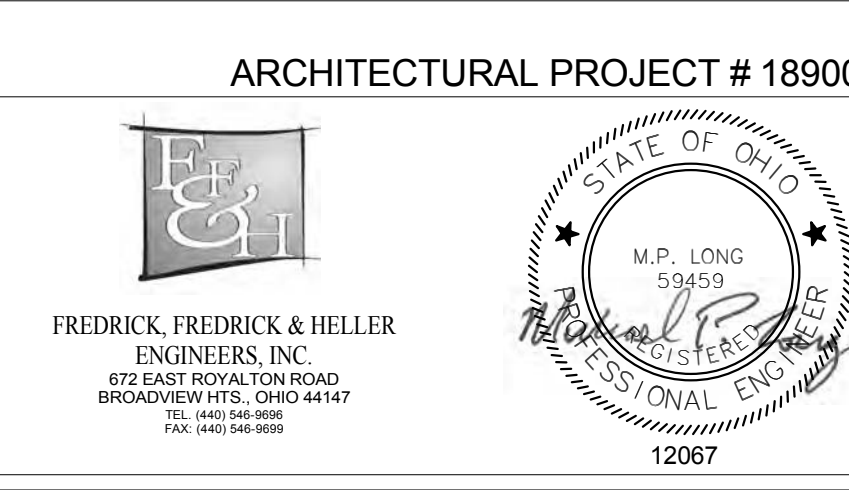
CONSULTANTS:



ARCHITECTS/ENGINEERS:

7850 Freeway Circle
440.243.2000 t

Cleveland, OH 44130
440.243.3305 f



Drawing Title
PARTIAL FIRST FLOOR
AREA TECHNOLOGY PLAN

Approved: Project Director

Project Title
Columbus VA Medical Center
CHALMERS P. WYLIE ACC BUILD
SPECIALTY CARE CENTER

Location
420 N. JAMES ROAD, COLUMBUS, OH 43219

Date
04/25/14

Checked
MPL

Drawn
CPC

Project Number
757-200

Building Number
1

Drawing Number
T3.2

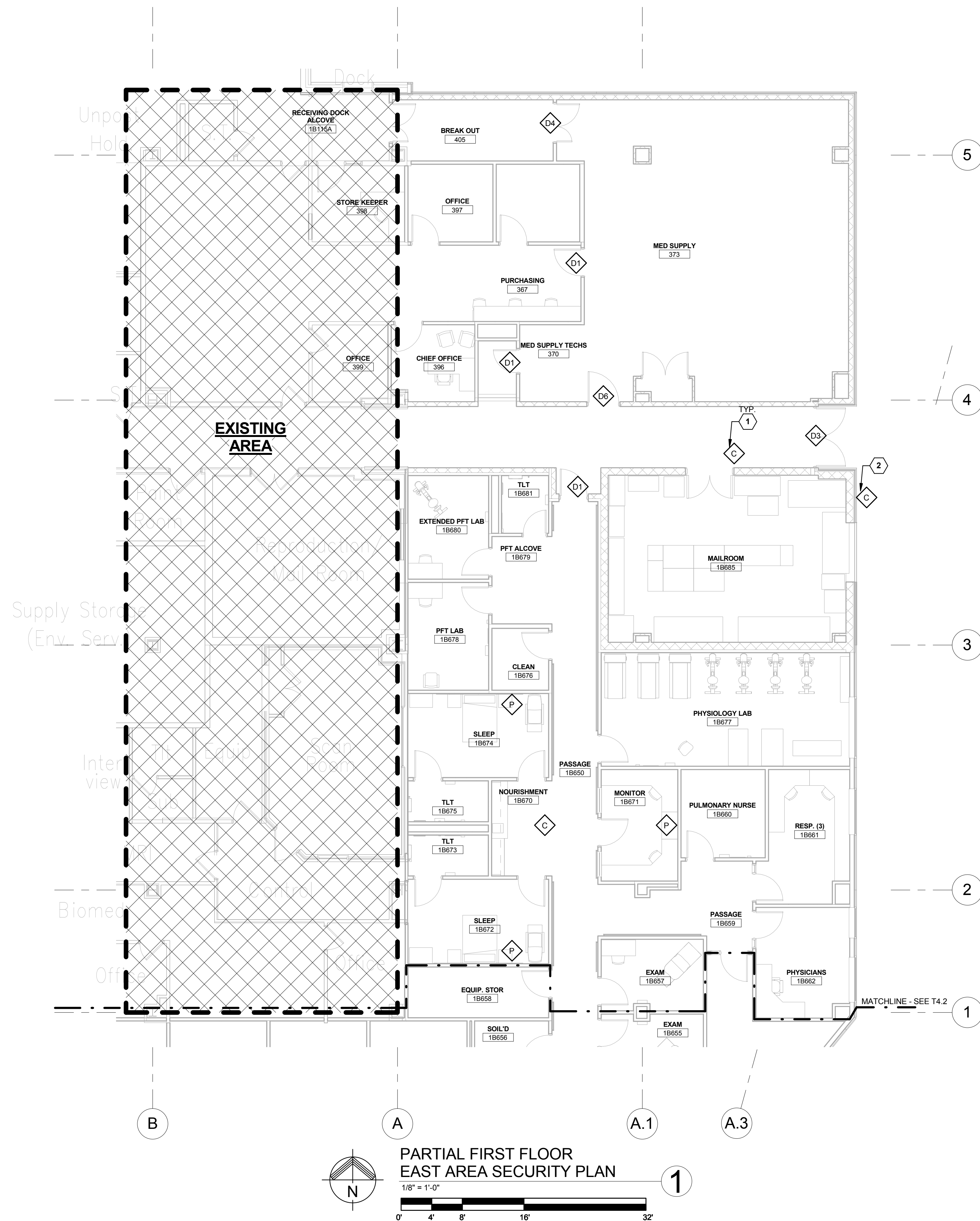
Dwg. 151 of 159

Office of
Construction
and Facilities
Management

Department of
Veterans Affairs

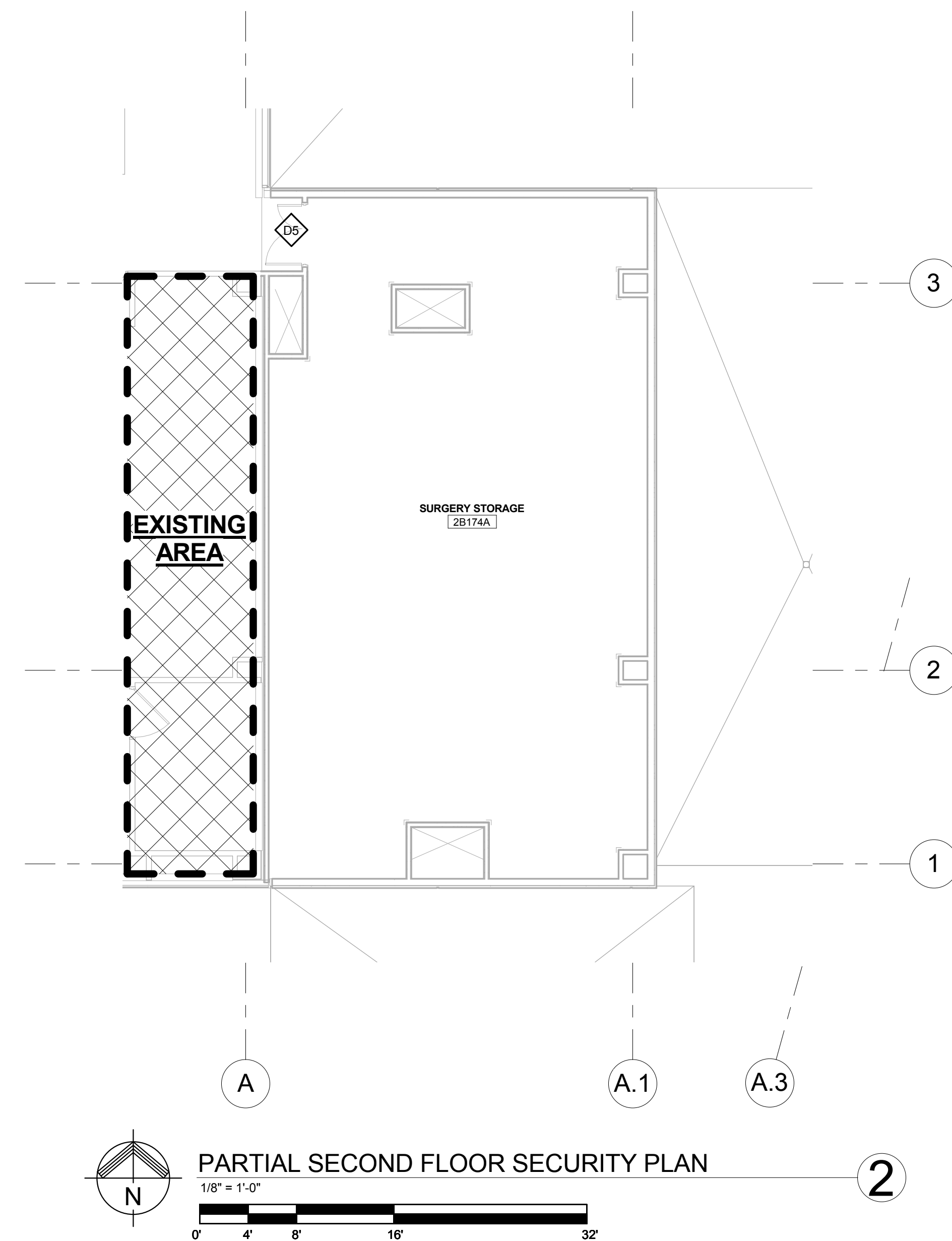
4/25/2014 7:57:09 AM C:\xv\Local Files\12067_FFH CF_campbell.rvt

one-eighth inch = one foot
one-quarter inch = one foot
one-half inch = one foot
three-eighths inch = one foot
three-quarters inch = one foot
one inch = one foot
one and one-half inches = one foot
two inches = one foot
three inches = one foot



PARTIAL FIRST FLOOR
EAST AREA SECURITY PLAN

1/8" = 1'-0"
0' 4' 8' 16' 32'



PARTIAL SECOND FLOOR SECURITY PLAN

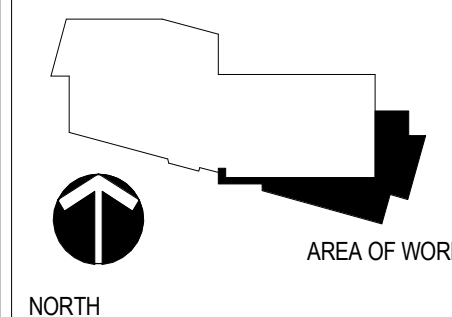
1/8" = 1'-0"
0' 4' 8' 16' 32'

SECURITY PLAN CODED NOTES

- ALL CAMERAS WITHIN THE PROJECT AREA SHALL BE CABLED BACK TO NEW LOW-VOLTAGE ROOM AND TO A NEW CEILING-MOUNTED PULLBOX. CONTINUE ROUTING CABLING FROM NEW PULLBOX BACK TO VA POLICE AND TERMINATE IN EXISTING DYE.
- PROVIDE NEW EXTERIOR CAMERA - TYPE TO MATCH EXISTING. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH VA POLICE AND COR. CAMERA SHALL MONITOR SIDE OF THE BUILDING THAT IS SHIELDED FROM EXISTING CAMERA VIEW BY THE NEW ADDITION AND THE BULK OXYGEN STORAGE TANKS LOCATION.

CONSULTANTS:

KEY PLAN



ARCHITECTS/ENGINEERS:

7850 Freeway Circle
440.243.2000 t
Cleveland, OH 44130
440.243.3305 f

Architecture
Planning
Interior Design

ARCHITECTURAL PROJECT # 18900

FREDRICK, FREDRICK & HELLER
ENGINEERS, INC.
872 EAST ROYAL TON ROAD
BROADVIEW HTS., OHIO 44147
TEL: 440.390.8885
FAX: 440.390.8885



Drawing Title
PARTIAL FIRST FLOOR EAST AND SECOND
FLOOR SECURITY PLAN

Approved: Project Director

Project Title
Columbus VA Medical Center
CHALMERS P. WYLIE ACC BUILD
SPECIALTY CARE CENTER

Location
420 N. JAMES ROAD, COLUMBUS, OH 43219

Date
04/25/14

Checked
MPL

Drawn
CPC

Project Number
757-200
Building Number
1

Drawing Number
T4.1
Dwg. 152 of 159

Office of
Construction
and Facilities
Management





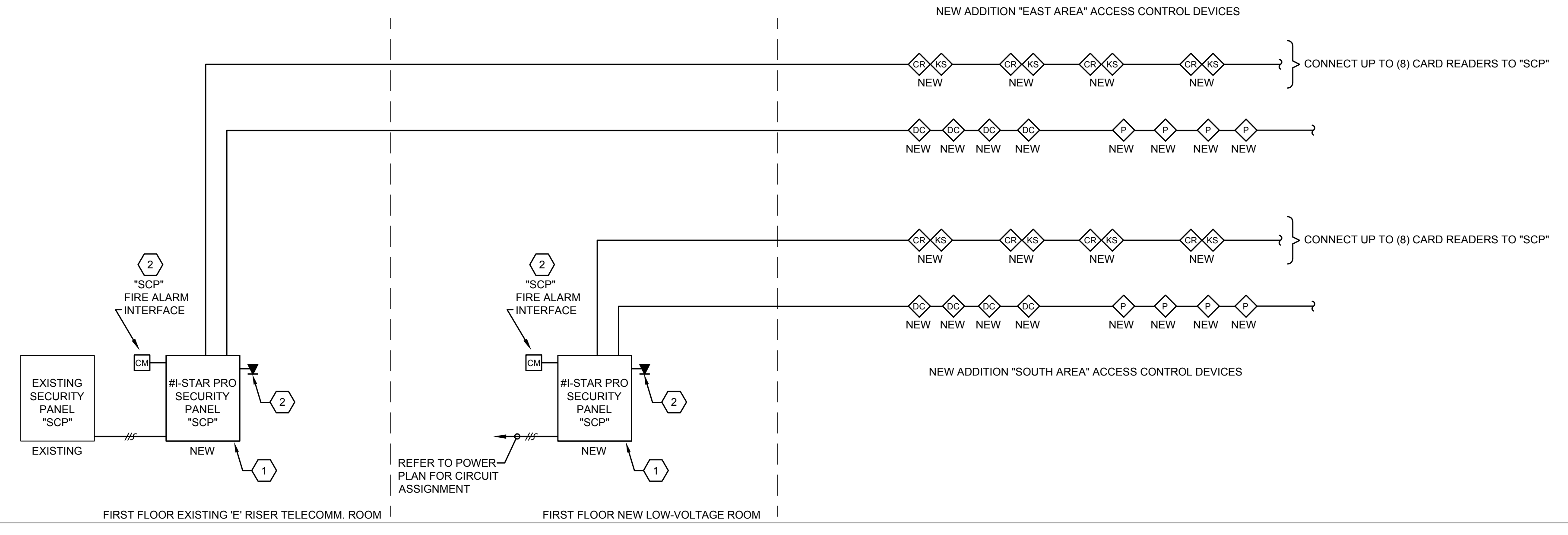
Department of
Veterans Affairs

three inches = one foot
one and one-half inches = one foot
one inch = one foot
three-quarters inch = one foot
one-half inch = one foot
three-eighths inch = one foot
one-quarter inch = one foot
one-eighth inch = one foot

CODED NOTES:

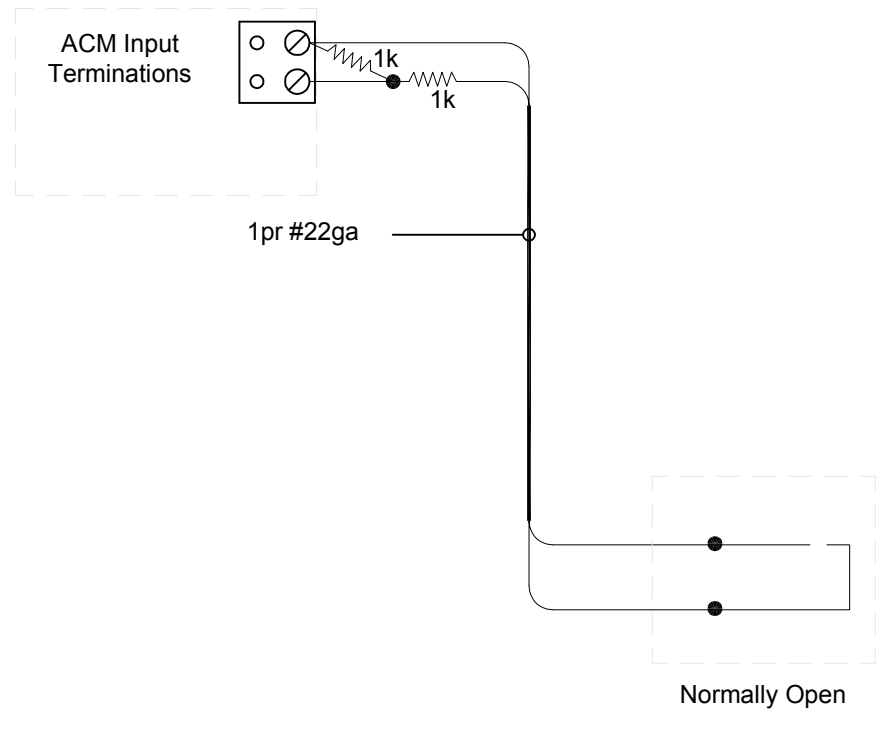
1 PROVIDE NEW SOFTWARE HOUSE I-STAR-PRO SECURITY SYSTEM PANEL (TYCO #STAR008W-64ANPS)
"SCP" AT LOCATION AS INDICATED ON POWER PLANS. CONNECT COMPLETE TO NEW 120V EMERGENCY
"LIFE SAFETY" CIRCUIT INDICATED ON POWER PLANS. PROVIDE READER MODULES IN NEW "SCP" TO
ACCOMMODATE UP TO (8) CARD READERS. ALLOW FOR FUTURE EXPANDABILITY TO (16) CARD READERS.

2 PROVIDE NEW FIRE ALARM INTERFACE AND HOSPITAL "NETWORK" INTERFACE FOR EACH "SCP" AS
INDICATED.



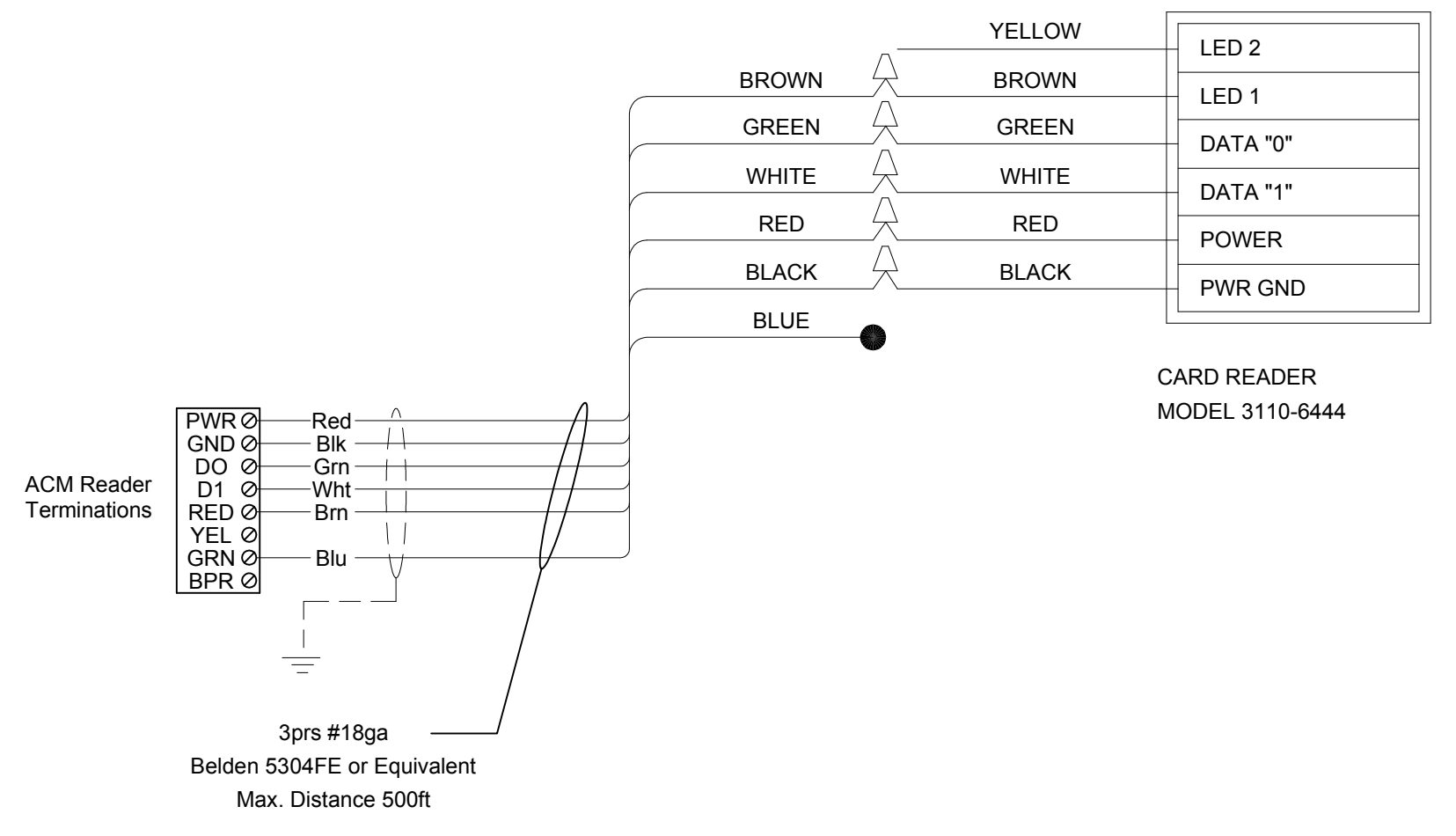
SECURITY SYSTEM RISER DIAGRAM
NOT TO SCALE

1



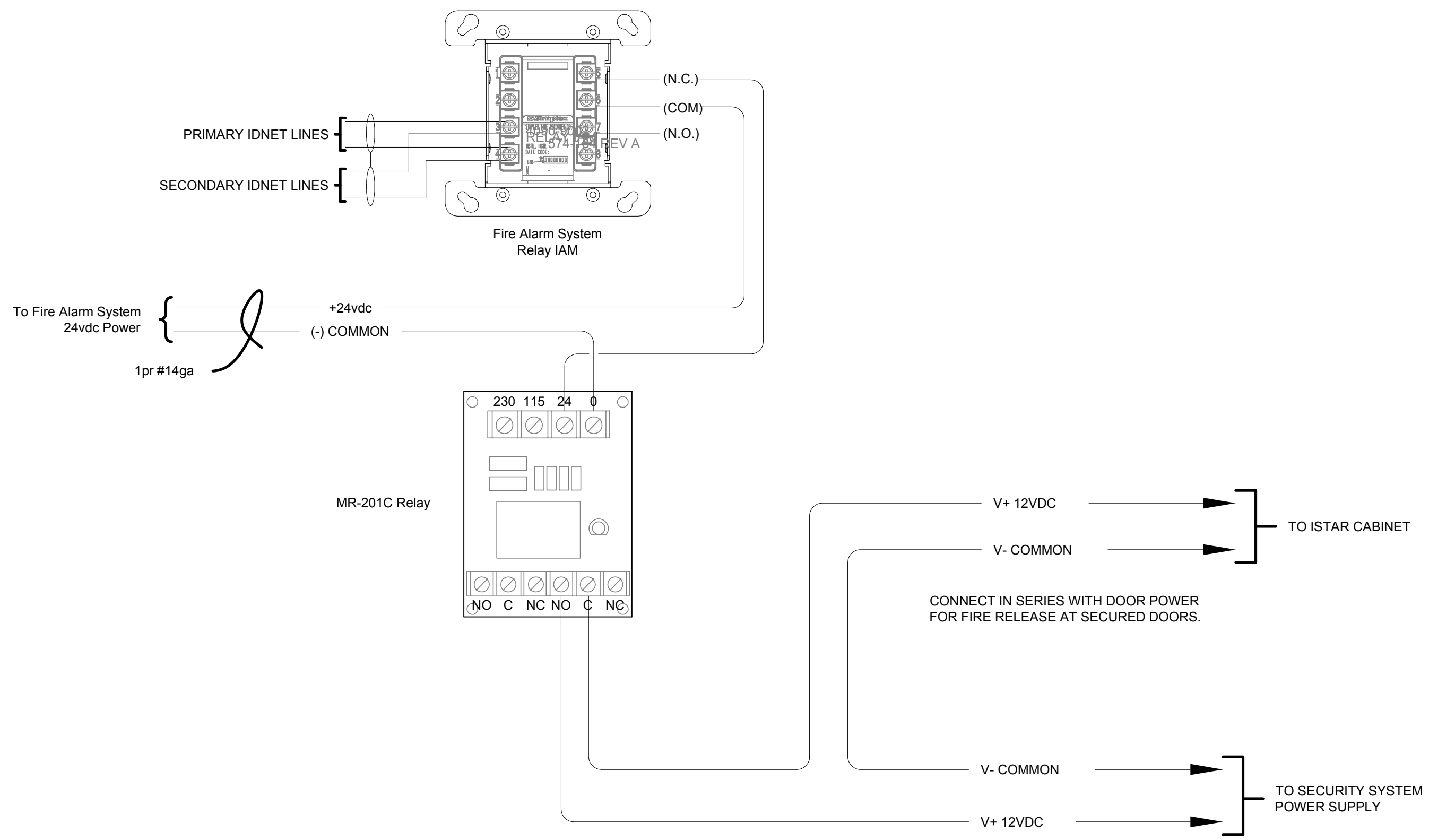
DURESS PUSHBUTTON DETAIL
NOT TO SCALE

2



CARD READER WIRING
NOT TO SCALE

3



FIRE ALARM DOOR RELEASE INTERFACE DETAIL
NOT TO SCALE

4

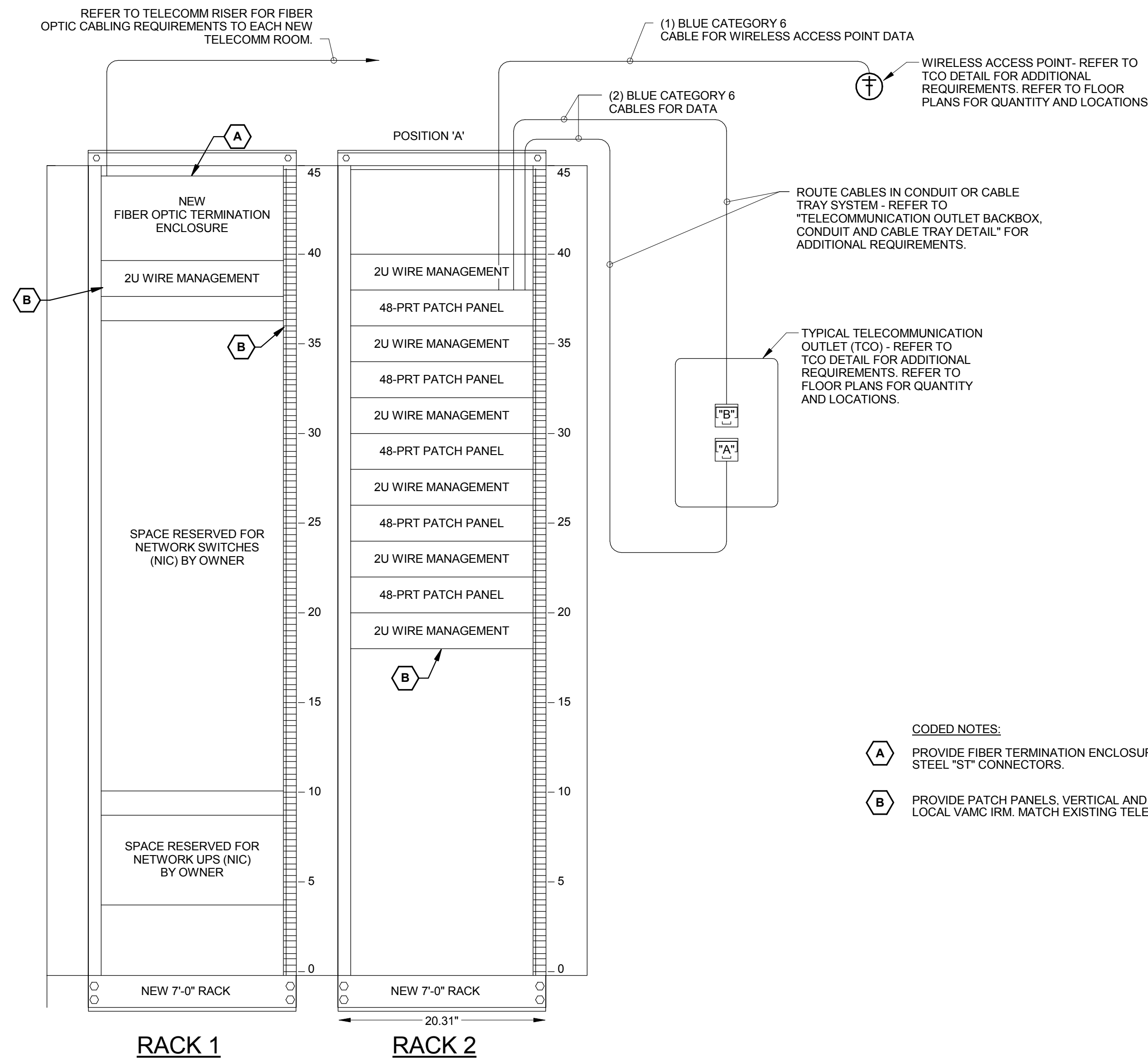
**BID AND CONSTRUCTION
FULLY SPRINKLERED**

CONSULTANTS:		KEY PLAN		ARCHITECTS/ENGINEERS:		ARCHITECTURAL PROJECT #18900		Project Title		Project Number		Office of Construction and Facilities Management
								Columbus VA Medical Center CHALMERS P. WYLIE ACC BUILD SPECIALTY CARE CENTER		757-200		
								Location		Building Number		
BID AND CONSTRUCTION		04/25/14		7850 Freeway Circle 440.243.2000 t		Cleveland, OH 44130 440.243.3305 f		420 N. JAMES ROAD, COLUMBUS, OH 43219		1		T5.2 Dwg. 155 of 159
Revisions		Date		757-200		12067		Date		Checked		
								04/25/14		MPL		
								CPC				

4/25/2014 7:56:27 AM C:\newit Local Files\12067 FFH CF_campbell.rvt

three-eighths inch = one foot
one-quarter inch = one foot
one-eighth inch = one foot
one-half inch = one foot
three-quarters inch = one foot
one inch = one foot
one and one-half inches = one foot
two inches = one foot
three inches = one foot

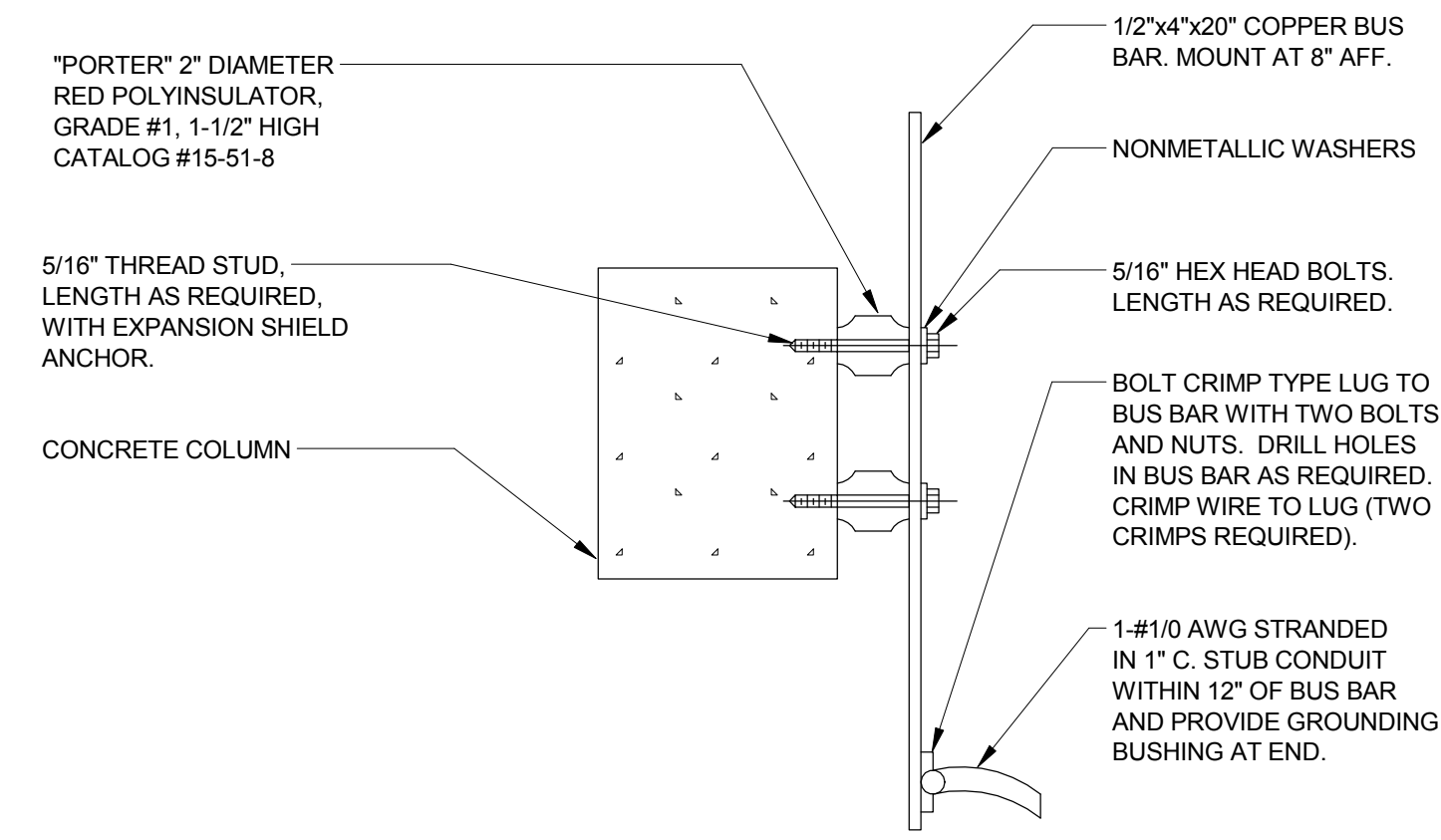
NEW TR ROOM (TYPICAL)



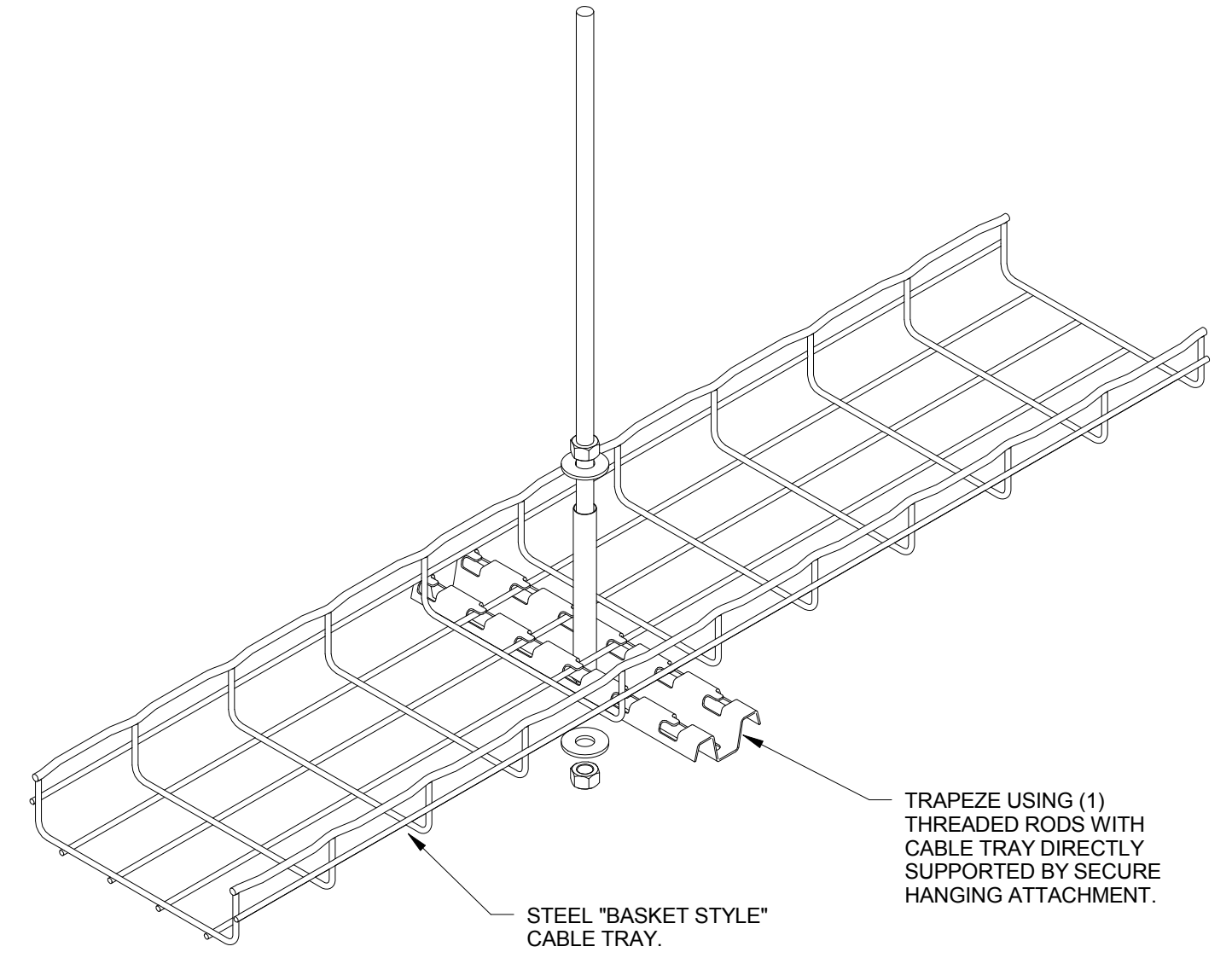
TELECOMMUNICATION ROOM - RACK DETAIL
NOT TO SCALE

- CODED NOTES:**
- A** PROVIDE FIBER TERMINATION ENCLOSURE WITH CAPACITY FOR 72 "ST" TERMINATIONS. TERMINATE (24) MULTIMODE STRANDS WITH STAINLESS STEEL "ST" CONNECTORS.
 - B** PROVIDE PATCH PANELS, VERTICAL AND HORIZONTAL WIRE MANAGEMENT AS INDICATED. COORDINATE EXACT LOCATION AND CONFIGURATION WITH LOCAL VMMC IRM. MATCH EXISTING TELECOMMUNICATIONS ROOM STANDARDS.

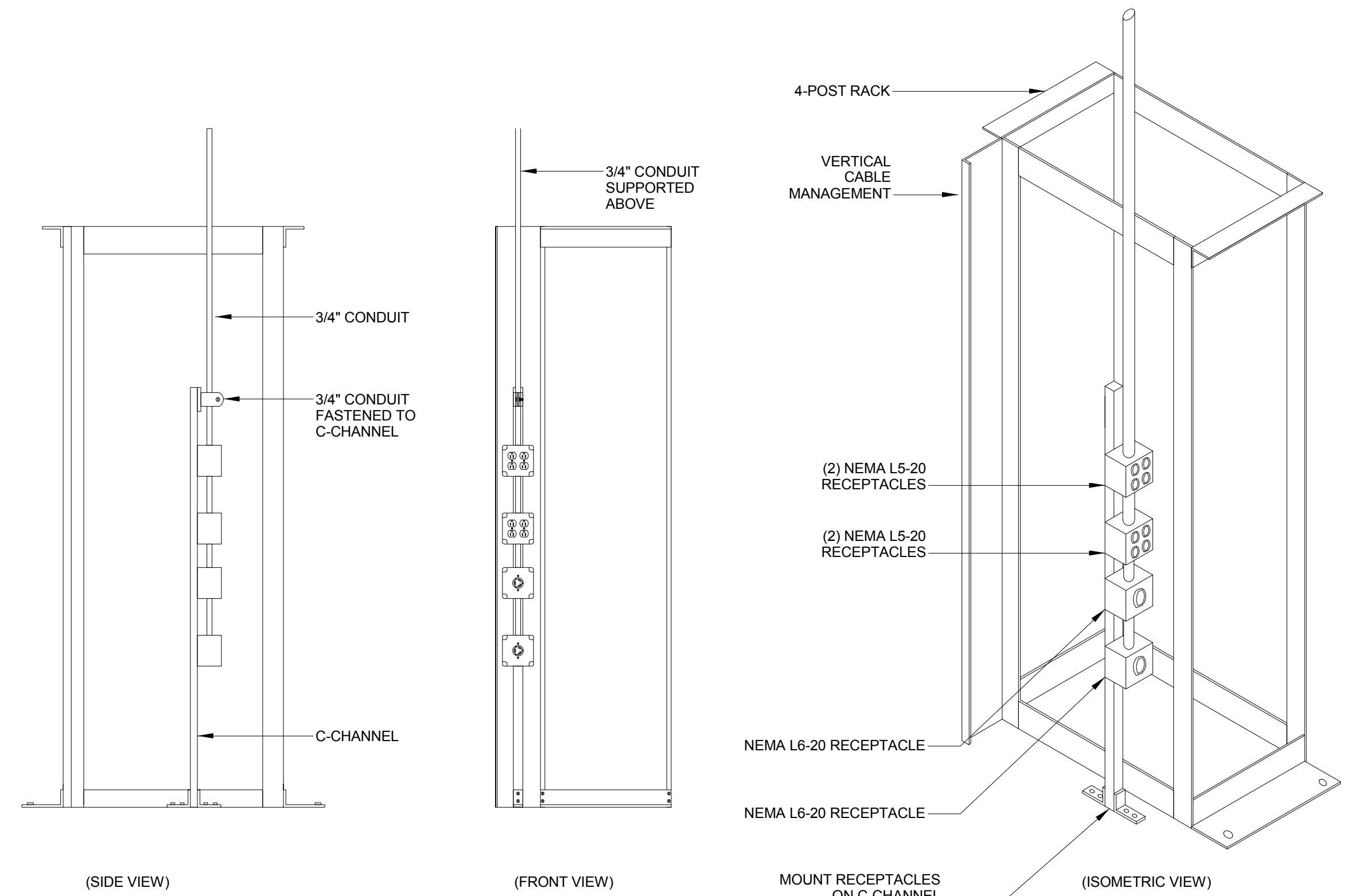
TELECOMMUNICATION GROUND BAR DETAIL
NOT TO SCALE



TELECOMMUNICATION CABLE TRAY DETAIL
NOT TO SCALE



- GENERAL NOTES:**
- PROVIDE SUPPORT SPACING FOR THE FULL CABLE CAPACITY OF THE CABLE TRAY.



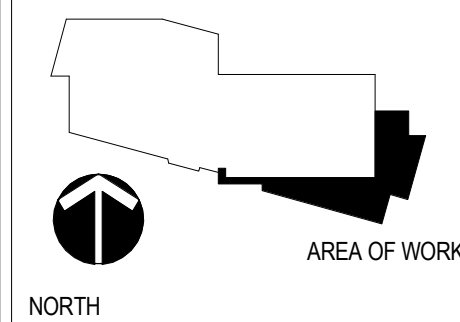
TELECOMMUNICATIONS RACK
RECEPTACLES
NOT TO SCALE

BID AND CONSTRUCTION FULLY SPRINKLERED

Revisions	Date
BID AND CONSTRUCTION	04/25/14

CONSULTANTS:

KEY PLAN



ARCHITECTS/ENGINEERS:



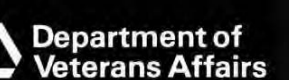
ARCHITECTURAL PROJECT # 18900

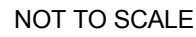


Drawing Title	TECHNOLOGY DETAILS - 1 OF 3
Approved: Project Director	

Project Title	Columbus VA Medical Center CHALMERS P. WYLIE ACC BUILD SPECIALTY CARE CENTER	Project Number	757-200
Location	420 N. JAMES ROAD, COLUMBUS, OH 43219	Building Number	1
Date	04/25/14	Drawn	CPC
Checked	MPL	Drawn	CPC
Dwg. 156 of 159			

Office of
Construction
and Facilities
Management





4/25/2014 7:57:33 AM C:\xv\it Local Files\12067_FTH CF_campbell.rvt

three-eighths inch = one foot
one-eighth inch = one foot
one-quarter inch = one foot
one-half inch = one foot
three-quarters inch = one foot
one inch = one foot
one and one-half inches = one foot
two inches = one foot
three inches = one foot

A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

X

Y

Z

AA

AB

AC

AD

AE

AF

AG

AH

AI

AJ

AK

AL

AM

AN

AO

AP

AQ

AR

AS

AT

AU

AV

AW

AX

AY

AZ

BA

BB

BC

BD

BE

BF

BG

BH

BI

BJ

BK

BL

BM

BN

BO

BP

BQ

BR

BS

BT

BU

BV

BW

BX

BY

BZ

CA

CB

CC

CD

CE

CF

CG

CH

CI

CJ

CK

CL

CM

CN

CO

CP

CQ

CR

CS

CT

CU

CV

CW

CX

CY

CZ

DA

DB

DC

DD

DE

DF

DG

DH

DI

DJ

DK

DL

DM

DN

DO

DP

DQ

DR

DS

DT

DU

DV

DW

DX

DY

DZ

EA

EB

EC

ED

EE

EF

EG

EH

EI

EJ

EK

EL

EM

EN

EO

EP

EQ

ER

ES

ET

EU

EV

EW

EX

EY

EZ

FA

FB

FC

FD

FE

FF

FG

FH

FI

FJ

FK

FL

FM

FN

FO

FP

FQ

FR

FS

FT

FU

FV

FW

FX

FY

FZ

GA

GB

GC

GD

GE

GF

GG

GH

GI

GJ

GK

GL

GM

GN

GO

GP

GQ

GR

GS

GT

GU

GV

GW

GX

GY

GZ

HA

HB

HC

HD

HE

HF

HG

HH

HI

HJ

HK

HL

HM

HN

HO

HP

HQ

HR

HS

HT

HU

HV

HW

HX

HY

HZ

IA

IB

IC

ID

IE

IF

IG

IH

II

IJ

IK

IL

IM

IN

IO

IP

IQ

IR

IS

IT

IU

IV

IW

IX

IY

IZ

JA

JB

JC

JD

JE

JF

JG

JH

JI

IJ

JK

KL

LM

LN

LO

LP

LQ

LR

LS

LT

LU

LV

LW

LX

LY

LZ

MA

MB

MC

MD

ME

MF

MG

MH

MI

MJ

MK

ML

MM

MN

MO

MP

MQ

MR

MS

MT

MU

MV

MW

MX

MY

MZ

NA

NB

NC

ND

NE

NF

NG

NH

NI

NJ

NK

NL

NM

NN

NO

NP

NQ

NR

NS

NT

NU

NV

NW

NX

NY

NZ

OA

OB

OC

OD

OE

OF

OG

OH

OI

OJ

OK

OL

OM

ON

OO

OP

OQ

OR

OS

OT

OU

OV

OW

OX

OY

OZ

PA

PB

PC

PD

PE

PF

PG

