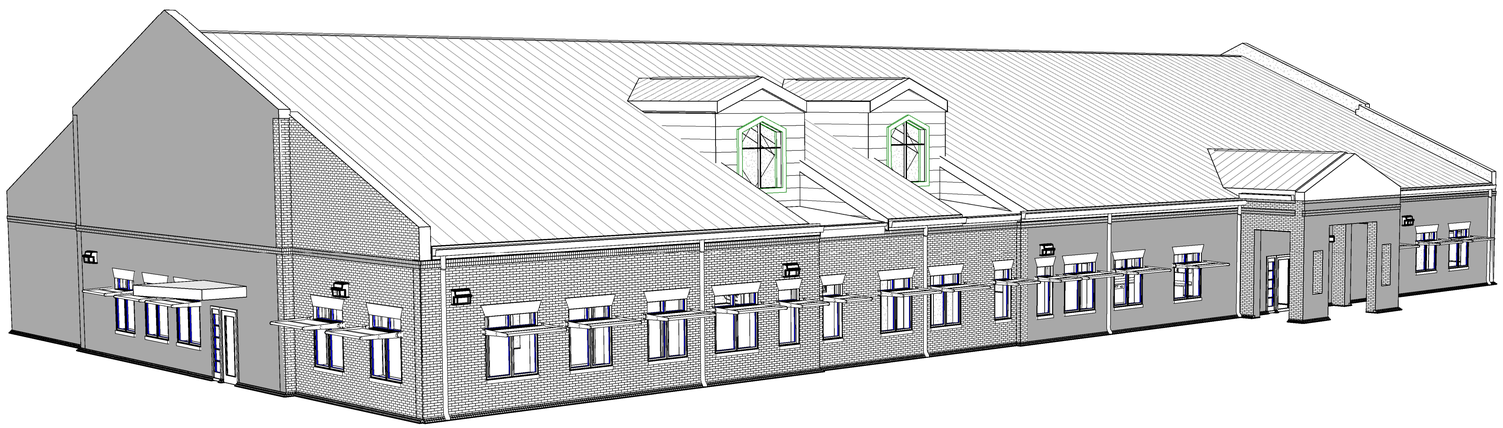
CRIMINAL INVESTIGATION COMMAND

(CATEGORY CODE 14114)

ADAPT-BUILD BIM PROTOTYPE OF THE BATTALION HEADQUARTERS FACILITY FOR THE REGION REPRESENTED BY FORT LEWIS, WASHINGTON



VICINITY MAP

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WITH THE EXCEPTION OF THE CIVIL SHEETS, THESE SHEETS ARE CREATED WITHIN THE BUILDING INFORMATION MODELS DEVELOPED FOR THE PROJECT. THE ARCHITECTURE AND FURNITURE MODELS ARE 60% TO 65% COMPLETE. THE STRUCTURAL, MECHANICAL, AND ELECTRICAL MODELS ARE 30% TO 35% COMPLETE. THE CIVIL SHEETS ARE 10% COMPLETE.

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

DATE: SEPTEMBER 12, 2012
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
DESIGN BY: Designer
DRAWN BY: Author
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SIZE: 22" x 34"
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US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
TITLE SHEET

SHEET IDENTIFICATION
G-001
SHEET OF 1

G-001-

DRAWING ABBREVIATIONS

A	
AB	ANCHOR BOLT
AD	AREA DRAIN
AC	AIR CONDITIONING
ACT	ACOUSTICAL CEILING TILE
ADD	ADDENDUM
ADD'L	ADDITIONAL
ADJ	ADJACENT
AFF	ABOVE FINISHED FLOOR
AGGR	AGGREGATE
AL ALUM	ALUMINUM
ALT	ALTERNATE
ANOD	ANODIZED
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
B	
B.M.	BENCH MARK
BD	BOARD
BETW	BETWEEN
BF	BACKFACE
BG	BUMPER GUARD
BL	BED LOCATOR
BL	BUILDING LINE
BLDG	BUILDING
BLKG	BLOCKING
BM	BEAM
BOT	BOTTOM
BR	BUMPER RAIL
BRG	BEARING
BSMT	BASEMENT
BU ROD	BACK-UP ROD
BUR	BUILT-UP ROOF
BW	BEARING WALL
C	
C	COMPACT PARKING SPACE
CDR	CARD READER
CEM	CEMENT
CER	CERAMIC
CG	CORNER GUARD
CIP	CAST IN PLACE
CJ	CONTROL JOINT
CJ	CONSTRUCTION JOINT
CL	CENTER LINE
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
COMM	COMMUNICATIONS
CONC	CONCRETE
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
COORD	COORDINATE
CPE	CHLORINATED POLYETHYLENE
CORR	CORRIDOR
CR	COLD ROLLED
CR	CRASH RAIL
CSK	COUNTERSUNK
CT	CERAMIC TILE
CTD	CENTERED
CTR	CENTER
CW	CURTAIN WALL
D	
D	DEPTH
DBA	DEFORMED BAR ANCHOR
DET	DETAIL
DIA	DIAMETER
DIAPH	DIAPHRAGM
DIM	DIMENSION
DJ	DEFLECTION JOINT
DL	DEAD LOAD
DN	DOWN
DRG	DRAWING
DS	DOWN SPOUT
DWGS	DRAWINGS
DWLS	DOWELS
E	
EA	EACH
EF	EACH FACE
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRIC
ELEV	ELEVATOR
EOS	EDGE OF SLAB
EQ	EQUAL
EQUIP	EQUIPMENT
ESC	ESCALATOR
EW	EACH WAY

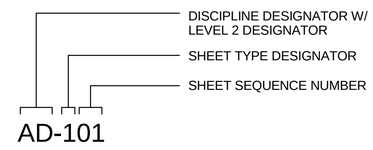
E CONT.	
EWC	ELECTRIC WATER COOLER
EXIST	EXISTING
EXP BLT	EXPANSION BOLT
EXT	EXTERIOR
F	
FD	FLOOR DRAIN
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISH FLOOR
FHC	FIRE HOSE CABINET
FIB	FIBERGLASS
FIN	FINISH
FLR	FLOOR
FS	FAR SIDE
FT	FOOT
FTG	FOOTING
FV	FIELD VERIFY
FVC	FIRE VALVE CABINET
G	
GA	GAUGE
GALV	GALVANIZED
GB	GRADE BEAM
GEN	GENERAL
GFRC	GLASS-FIBER REINFORCED CONCRETE
GI	GALVANIZED IRON
GL	GLASS
GM	GLAZED MASONRY UNIT
GND	GROUND
GR	GRADE
GRG	GLASS-REINFORCED GYPSUM
GYP BD	GYPSUM BOARD
H	
HB	HOSE BIB
HDW	HARDWARE
HDWD	HARDWOOD
HK	HOOK
HM	HOLLOW METAL
HOR, HORIZ	HORIZONTAL
HP	HIGH POINT
HR	HOUR
HS	HEADED STUD
HSKP	HOUSEKEEPING
HT	HEIGHT
HW	HAND WASH
I	
IBC	INTERNATIONAL BUILDING CODE
ID	INSIDE DIAMETER
INSUL	INSULATION
INT	INTERIOR
K	
K	KIPS (1000 LB)
KO	KNOCK-OUT
KP	KICKPLATE
KPD	KEYPAD
KSF	KIPS PER SQUARE FOOT
L	
L	ANGLE
LAV	LAVATORY
LG	LONG
LKB	LOCKABLE
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LOC	LOCATION
LP	LOW POINT
LT	LIGHT
LWC	LIGHTWEIGHT CONCRETE
M	
MAS	MASONRY
MAT'L	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MEMB	MEMBRANE
MEP	MECHANICAL, ELECTRICAL AND PLUMBING
MFG	MANUFACTURER
MGO	MEDICAL GAS OUTLET
MIN	MINIMUM

M	
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MOB	MEDICAL OFFICE BUILDING
MOD BIT	MODIFIED BITUMEN
MOD	MODIFIED
MSL	MEAN SEA LEVEL
MTL	METAL
N	
NA	NOT AVAILABLE
NIC	NOT IN CONTRACT
NOA	NOTICE OF ACCEPTANCE
NOM	NOMINAL
NS	NEAR SIDE
NTS	NOT TO SCALE
NWC	NORMAL WEIGHT CONCRETE
O	
OA	OVER ALL
OC	ON CENTER
OD	OUTSIDE DIAMETER
OD	OVERFLOW DRAIN
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
OH	OPPOSITE HAND
OPNG	OPENING
OPP	OPPOSITE
OSF	OUTSIDE FACE
P	
P LAM	PLASTIC LAMINATE
PC	PRECAST CONCRETE
PCF	POUNDS PER CUBIC FOOT
PCP	PORTLAND CEMENT PLASTER
PENT	PENTHOUSE
PL	PROPERTY LINE
PL	PLATE
PLUMB	PLUMBING
PLYWD	PLYWOOD
PP	PUSH PLATE
POL	POLISHED
PORT CEM	PORTLAND CEMENT
PR	PAIR
PREFAB	PREFABRICATED
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POINT
PT	PNEUMATIC TUBE
PTD	PAINTED
R	
R	RISER
RAD	RADIUS
RAF	RUBBERIZED ASPHALT FLASHING
RAM	RUBBERIZED ASPHALT MEMBRANE
RAU	RUBBERIZED ASPHALT UNDERLAYMENT
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REBAR	REINFORCING BAR
RECP	RECEPTACLE
REF	REFER OR REFERENCE
REINF	REINFORCING
RELOC	RELOCATE/ RELOCATED
REQ'D	REQUIRED
RFVC	RECESSED FIRE VALVE CABINET
RM	ROOM
RO	ROUGH OPENING

S	
SAB	SOUND ATTENUATION BLANKET
SBC	STANDARD BUILDING CODE
SCHED	SCHEDULE
SDL	SUPERIMPOSED DEAD LOAD
SECT	SECTION
S/H	SINGLE HUNG
SHWR	SHOWER
SIM	SIMILAR
SO	STRUCTURAL OPENING
SOG	SLAB ON GRADE
SP	STAND PIPE
SPA	SPACE, SPACING
SPEC	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL
SSF	SOLID SURFACE
STA	STATION
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STIFF	STIFFENER
STIR	STIRRUP
STL	STEEL
STRUC	STRUCTURAL
SYM	SYMMETRICAL
SYS	SYSTEM
T	
T	TREAD
T&B	TOP AND BOTTOM
TC	TOP OF CURB
TEL	TELEPHONE
TEMP	TEMPERATURE
THK	THICK
TLT	TOILET
TO	TOP OF
TOB	TOP OF BEAM
TOC	TOP OF CONCRETE
TOF	TOP OF FOOTING
TOP	TOP OF PARAPET
TOS	TOP OF SLAB
TOSTL	TOP OF STEEL
TRSH CH	TRASH CHUTE
TW	TOP OF WALL
TYP	TYPICAL
U	
U/C	UNDER COUNTER
U/G	UNDERGROUND
UNO	UNLESS NOTED OTHERWISE
V	
VAR	VARIES
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VWC	VINYL WALL COVERING
W	
W/	WITH
W/C	WHEEL CHAIR
W/O	WITHOUT
W	WIDTH
WP	WATERPROOF(ING)
WD	WOOD
WF	WIDE FLANGE
WL	WIND LOAD
WP	WORK POINT
WPO	WORK POINT - POINT OF ORIGIN
WP1	WORK POINT - NUMBERED
WWF	WELDED WIRE FABRIC

LEGEND

NUMBERING SYSTEM:



MATERIALS

- CONCRETE/ PRECAST CONCRETE
- SOIL
- SAND, EIFS FINISH COAT, OR CEMENT PLASTER
- BRICK
- CMU
- STONE
- FIBERGLASS BATT INSULATION
- FIBERGLASS SEMI RIGID INSULATION
- MINERAL WOOL SEMI RIGID INSULATION
- EXPANDED POLYSTYRENE RIGID INSULATION
- EXTRUDED POLYSTYRENE RIGID INSULATION
- POLYISOCYANURATE RIGID INSULATION
- GYPSUM BOARD
- EXTERIOR GYPSUM SHEATHING
- EXTERIOR CEMENT BOARD
- COATED GLASS MAT WATER RESISTANT GYP BD
- PLYWOOD
- COVER BOARD

DRAWING SYMBOLS

- ROOM NAME 100 — ROOM NAME/NUMBER
- 01 — COLUMN LINE DESIGNATOR
- X — ACCESSORY
- 1 — DEMOLITION NUMBERED NOTES
- 1 A-100 — BUILDING/WAL L SECTION
- 1 A-201 — ELEVATION
- 1 A-100 — SECTION CUT
- 1 A-100 — PLAN, BLOW-UP DETAIL
- INTERIOR ELEVATION INDICATOR
- DIRECTION INDICATOR
- EDGE OF SLAB
- FACE OF BUILDING
- 9'-0" AFF — CEILING HEIGHT
- FIRE EXTINGUISHER
- CORNER GUARDS
- BG — BUMPER RAIL
- HR — HAND RAIL
- WALL PROTECTION
- 3 — WALL TYPE
- BUILDING EXPANSION JOINT
- CMU WALL
- NEW WALL
- EXISTING WALL
- DEMO WALL
- 1 HOUR FIRE WALL
- SMOKE RESISTIVE PARTITION

CEILING SYMBOLS

- GYP BD CEILING
- SUPPLY AIR
- RETURN AIR
- EXHAUST AIR
- ACCESS PANEL
- WALL MOUNTED FLUORESCENT FIXTURE
- EXIT SIGNS - HATCH INDICATES EXIT TEXT AND ARROW INDICATES DIRECTION
- SD — SMOKE DETECTOR
- S — SPEAKER
- PROJECTOR

ELECTRICAL SYMBOLS

- PANELBOARD
- DUPLEX RECEPTACLE "GFCI" - GROUND FAULT CIRCUIT INTERRUPTER
- QUADRUPLEX RECEPTACLE "WP" - WEATHER PROOF
- RECESSED 2X4 FLUORESCENT LIGHT
- RECESSED 2X2 FLUORESCENT LIGHT
- STRIP FLUORESCENT LIGHT
- PENDANT FLUORESCENT LIGHT
- DOWNLIGHT
- OCCUPANCY SENSOR
- LIGHT SWITCH "3" - THREE WAY "4" - FOUR WAY "D" - DIMMER
- EMERGENCY WALL LIGHT
- TELEPHONE OUTLET "2" - TWO (2) GANG PORT
- TELEPHONE/DATA OUTLET
- SIPRnet OUTLET
- DATA OUTLET
- TV — CATV OUTLET

NOTES

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
616 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

DESIGN BY: Designer	DATE: SEPTEMBER 12, 2012
DRAWN BY: Author	CKD BY: Checker	SOLICITATION NO.:
SBMT BY: Approver	PLOT DATE: 1/12/2012 8:11:12 AM	CONTRACT NO.:
PLOT SCALE:	FILE NUMBER:
SIZE: 22" x 34"	FILE NAME:

U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
SYMBOLS AND ABBREVIATIONS

SHEET IDENTIFICATION
G-002
SHEET OF 1

G-002-

BUILDING CODE SUMMARY

UFC BUILDING CODE SUMMARY:

1. CLASSIFICATION OF OCCUPANCY:
Primary Occupancy: Business
Secondary Occupancy: N/A

2. CONSTRUCTION TYPE:
Allowed type of Construction: [X] I-A [X] I-B [X] II-A [X] II-B [X] III-B [X] IV-HT [X] V-A [ ] V-B

Proposed type of Construction: II-B

3. HEIGHT & AREA:
Allowable height: 55'-0" (4 story)
Allowable Area: 23,000 SF

4. ALLOWABLE INCREASES (With Automatic Sprinkler Protection):
Allowable Height Increase: 20" (1 story)
Allowable Area Increase: 300%

5. HEIGHT AND AREA ALLOWABLE/ACTUAL:

Allowable height: 75'-0" (5 story)
Actual height: 30' (1 story)
Allowable Area: 23,000 SF + 69,000 SF = 92,000 SF
Actual Area: 16,284 SF

6. EXTERIOR PROTECTION:
Required Exterior Exposure Protection:
Less than 10 ft. - 1 Hour
10 ft. or more - 0 Hour
Provided Exterior Exposure Protection: 0 Hour

7. INTERIOR PROTECTION:
Required Interior Fire Rated Occupancy Separations: NOT REQUIRED

8. FIRE AREA SEPARATIONS:
Required Internal Fire Area Separations: NOT REQUIRED
Provided Internal Fire Area Separations: NOT REQUIRED

LIFE SAFETY CODE SUMMARY

UFC LIFE SAFETY CODE SUMMARY:

1. CLASSIFICATION OF OCCUPANCY:
Primary Occupancy: BUSINESS
Secondary Occupancy: N/A
2. OCCUPANT LOAD FACTOR:
NFPA 101 Table 7.3.1.2: BUSINESS (B) 100 GSF/PERSON
ASSEMBLY (A-3) 15 NSF/PERSON
STORAGE (S) 300 GSF/PERSON
MECH./ELEC. (M/E) 300 GSF/PERSON
EDUCATION (E) 20 NSF/PERSON

3. EXITS:
Required Number of Exits: 2
Provided Number of Exits: 3

4. MEANS OF EGRESS:
Required Capacity of Means of Egress: 47"
Provided Capacity of Means of Egress: 138"
(Total of 241 persons multiply 0.2 = 48.2" = 49")

5. EXITS:
Required Separation of Exits: 65' (<1/3 overall diagonal of 195')
Provided Separation of Exits: 89'
Required Arrangement of Horizontal Exits: NA
Provided Arrangement of Horizontal Exits: NA
Maximum Allowable Travel Distance: 300-0"
Maximum Actual Travel Distance: 128'-0"
Maximum Allowable Common Path of Travel: 75'-0"
Maximum Actual Common Path of Travel: 69'-9"
Maximum Allowable Dead-End Corridor: 50'
Maximum Actual Dead-End Corridor: 21'-0"

FLOOR, ROOM AND/OR SPACE DESIGNATION	MINIMUM NUMBER OF EXITS		MAXIMUM TRAVEL DISTANCE		ARRANGEMENT MEANS OF EGRESS (SECTION 7.5)	
	REQUIRED	SHOWN ON PLANS	ALLOWABLE TRAVEL DISTANCE (TABLE A.7.6)	ACTUAL TRAVEL DISTANCE SHOWN ON PLANS	REQUIRED DISTANCE BETWEEN EXIT DOORS	ACTUAL DISTANCE SHOWN ON PLANS
BATTALION HQ	2	3	300'	128'-0"	65'	89'

6. EXIT DISCHARGE
Required Discharge from Exits: 241
Provided Discharge from Exits: 690

7. FIRE RATED SEPARATIONS
Required Fire Rated Separation of Exits: N/A
Provided Fire Rated Separation of Exits: N/A
Required Fire Rated Separation of Exit Access: N/A
Provided Fire Rated Separation of Exit Access: N/A

8. HAZARDOUS AREAS:
Required Fire Rated Separation of Hazardous Areas: SMOKE RESISTIVE
Provided Fire Rated Separation of Hazardous Areas: SMOKE RESISTIVE

9. INTERIOR FINISHES:
Flame Spread/Smoke Development Ratings of Interior Finishes:
Exit Access Corridors - Class A or B
Other Spaces - Class A, B or C

10. SMOKE CONTROL:
Requirements (if any) for Smoke Control Systems Based on the specific
Occupancy Chapter and Building Design Considerations: NA

11. LOCKING ARRANGEMENTS:
Requirements (if any) for any Special Locking Arrangements such as
Delayed-Egress Locks of Access-Controlled Egress Doors: NA

ROOM AREA AND OCCUPANCY SCHEDULE

ROOM DATA				OCCUPANCY DATA		
ROOM NO	ROOM NAME	AREA	VOLUME	TYPE	LOAD FACTOR	LOAD TOTAL
001	ENTRY VESTIBULE	83 SF	751 CF			
002	VESTIBULE WEST	41 SF	373 CF			
003	VESTIBULE NORTH	44 SF	399 CF			
101	VISITOR WAITING AREA	251 SF	2264 CF			
102	DUTY AGENT OFFICE	80 SF	753 CF	B	100	1
103	MULTI PURPOSE LOUNGE	385 SF	3695 CF	A-3	15	36
104	VENDING / RECYCLE AREA	145 SF	1307 CF			
105	CORRIDOR	919 SF	8675 CF			
106	HUMAN RESOURCES AREA S-1	897 SF	10454 CF	B	100	9
107	HUMAN RESOURCES S-1 OFFICER OFFICE	111 SF	1034 CF	B	100	2
108	SENIOR HR SERGEANT OFFICE	110 SF	1026 CF	B	100	2
109	SENIOR MAINTENANCE SUPERVISOR OFFICE	110 SF	1028 CF	B	100	2
110	SUPPLY MANAGER OFFICE	111 SF	1034 CF	B	100	2
111	LOGISTICS OPERATIONS MANAGER S-4 OFFICE	115 SF	1071 CF	B	100	2
112	SUPPLY ROOM	75 SF	674 CF	S	300	
113	LOGISTICS OPERATIONS OPEN AREA S-4	458 SF	5703 CF	B	100	5
114	INFORMATION MANAGEMENT AREA S-6	435 SF	4135 CF	B	100	5
115	SECTION CHIEF OFFICE	116 SF	1121 CF	B	100	2
116	INFORMATION MANAGEMENT S-6 OFFICER OFFICE	115 SF	1113 CF	B	100	2
117	SUPPLY ROOM	127 SF	1214 CF	S	300	1
118	COMPANY COMMANDER OFFICE	160 SF	1514 CF	B	100	2
119	SERGEANT OFFICE	104 SF	1007 CF	B	100	2
120	ARMS VAULT	94 SF	842 CF	S	300	1
121	TABLE OF ORGANIZATION AND EQUIPMENT STORAGE	281 SF	3832 CF	S	300	1
122	SUPPLY ROOM	225 SF	3072 CF	S	300	1
123	COMPANY OPERATIONS FACILITY AREA	906 SF	12338 CF	B	100	10
124	CHAPLAIN OFFICE	106 SF	1026 CF	B	100	2
125	CHAPLAIN ASSISTANT OFFICE	101 SF	985 CF	B	100	2
126A	CLASSROOM	1071 SF	12850 CF	E	20	56
126B	CLASSROOM STORAGE ROOM	131 SF	1212 CF	S	300	1
127A	TELECOM ROOM 1	110 SF	1003 CF	B	100	1
127B	SIPRNET ROOM	60 SF	540 CF			
128	ELECTRICAL ROOM	109 SF	1484 CF	M/E	300	1
129	MECHANICAL ROOM	506 SF	6895 CF	M/E	300	2
130	JANITOR	36 SF	326 CF	NA		
131	CORRIDOR	298 SF	2828 CF			
132A	WOMEN	170 SF	1538 CF	B	100	3
132B	WOMEN SHOWERS	96 SF	868 CF			
133A	MEN	170 SF	1544 CF	B	100	3
133B	MEN SHOWERS	78 SF	708 CF			
134	CLOSET	33 SF	296 CF	S	300	1
135	MESSAGE CENTER	76 SF	723 CF	B	100	1
136	TELECOM ROOM 2	93 SF	845 CF	B	100	1
137	CBRN STAFF ROOM	113 SF	1095 CF	B	100	2
138	POLYGRAPH OFFICE W-2	114 SF	1101 CF	B	100	2
139	POLYGRAPH OFFICE W-3	140 SF	1331 CF	B	100	2
140	CORRIDOR	116 SF	1051 CF	NA		
141	OBSERVATION ROOM	51 SF	499 CF	B	100	1
142	POLYGRAPH EXAM ROOM	116 SF	1116 CF	B	100	2
143	LOG SECURITY ROOM	114 SF	1096 CF	B	100	2
144	GENERAL STORAGE ROOM	151 SF	1471 CF	S	300	1
145	EVIDENCE PROCESSING ROOM	141 SF	1342 CF	B	100	2
146	EVIDENCE DEPOSITORY ROOM	259 SF	2445 CF	S	300	1
147	SECURE STORAGE ROOM	151 SF	1505 CF	S	300	1
148	CRIMINAL INTELLIGENCE OFFICE	108 SF	1050 CF	B	100	2
149	SUPRESSION CRIMINAL INVESTIGATOR OFFICE	115 SF	1112 CF	B	100	2
150	INTELLIGENCE SURVEILLANCE & RECONNAISSANCE/ OPERATIONS PLANS & TRAINING AREA S-2/S-3	572 SF	5480 CF	B	100	6
151	INTELLIGENCE SURVEILLANCE & RECONNAISSANCE AREA S-2	618 SF	5747 CF	B	100	7
152	OPERATIONS NCO OFFICE	136 SF	1297 CF	B	100	2
153	FORENSICS OFFICE	126 SF	1212 CF	B	100	2
154	S-2 / S-3 OFFICE	187 SF	1757 CF	B	100	2
155	CRIMINAL INVESTIGATION COMMAND OPERATIONS OFFICE	115 SF	1108 CF	B	100	2
156	COMMAND CONFERENCE ROOM	371 SF	3557 CF	A-3	15	26
157	CLOSET	28 SF	250 CF	S	300	1
158	CORRIDOR	265 SF	2497 CF	NA		
159	CLOSET	37 SF	333 CF	S	300	1
160	BATTALION COMMANDER OFFICE	187 SF	1829 CF	B	100	2
161	EXECUTIVE OFFICER OFFICE	151 SF	1434 CF	B	100	2
162	COMMAND SERGEANT MAJOR OFFICE	150 SF	1422 CF	B	100	2
163	OFFICE SUPPORT TECH OFFICE	127 SF	1219 CF	B	100	2
164	RESTROOM	81 SF	733 CF	B	100	1
	TOTAL NET AREA -	14580 SF	152190 CF		TOTAL OCCUPANCY LOAD -	240

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

DATE: SEPTEMBER 12, 2012
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

DESIGN BY: Designer
DRAWN BY: Author
CKD BY: Checker
SBMT BY: Approver
PLOT DATE: 11/22/2012 8:11:14 AM
PLOT SCALE:
SIZE: 22" x 34"
FILE NAME:

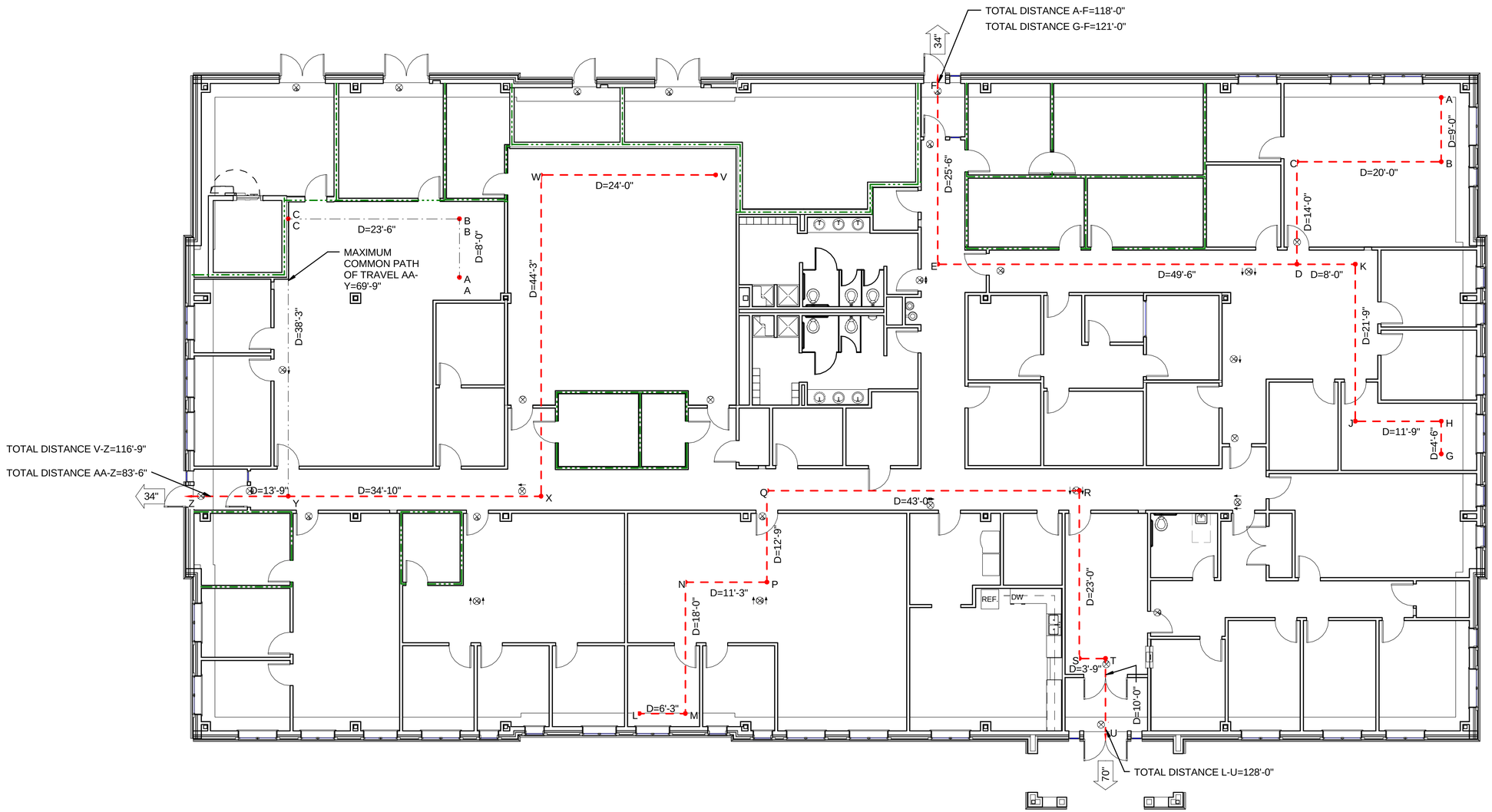
US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
LIFE SAFETY GENERAL NOTES

SHEET IDENTIFICATION
G-101
SHEET OF 1

G-101-



LEGEND

- XX" - CLEAR EXIT WIDTH
- TRAVEL DISTANCE
- COMMON PATH OF TRAVEL
- SMOKE RESISTIVE PARTITION
- FIRE EXTINGUISHER
- EXIT SIGN

8 6 4 2 0 8 16

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

PLAN NORTH

A1 LIFE SAFETY PLAN

1/8" = 1'-0"

US Army Corps of Engineers ®

NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

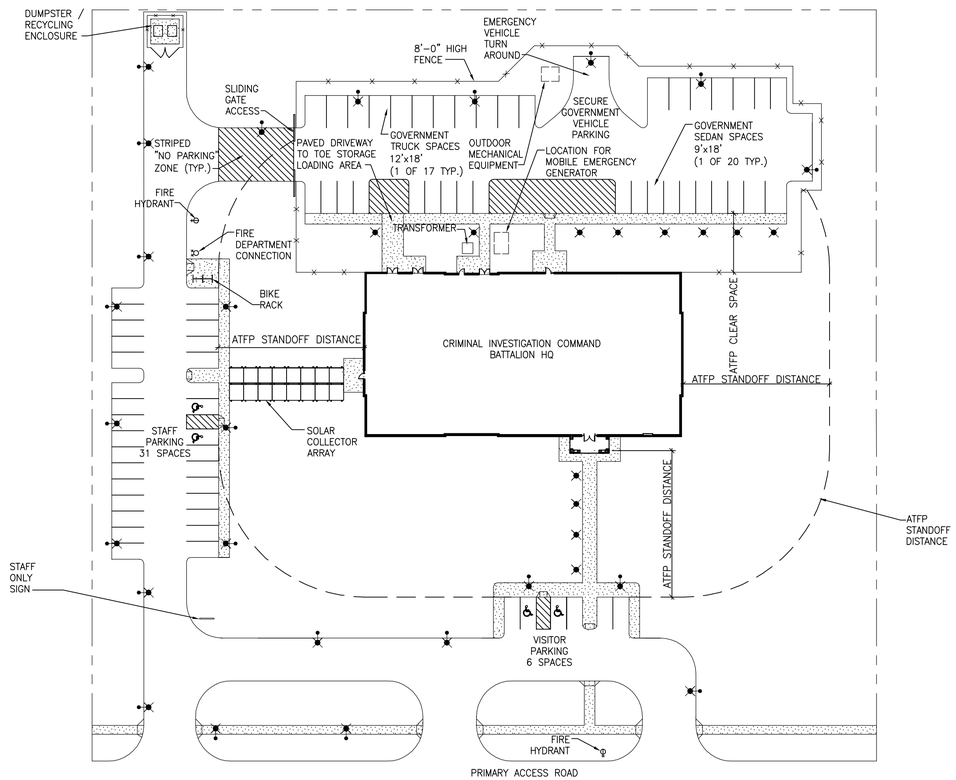
PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

DESIGN BY: Designer
DRAWN BY: Author
SBMT BY: Approver
PLOT SCALE: 1:1
SIZE: 22" x 34"
CKD BY: Checker
PLOT DATE: 11/22/2012 8:11:18 AM
FILE NAME: EGRESS' ROUTE PLAN
DATE: SEPTEMBER 12, 2012
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER: R2E-2508A

U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
LIFE SAFETY PLAN

SHEET IDENTIFICATION
G-102
SHEET 22 OF 1

A I 1- G-102- xxx



LEGEND

POLE MOUNTED LIGHTING FIXTURE NOMINAL HEIGHT 25 FEET

BOLLARD LIGHTING FIXTURE NOMINAL HEIGHT 36 INCHES

A2 SITE PLAN
1" = 30'

PLAN NORTH

30' 15' 5' 0' 15' 30' 60'
SCALE: 1"=30'

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

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SBMT BY: Approver
PLOT SCALE: 1:1
SIZE: 22" x 34"
DATE: SEPTEMBER 12, 2012
SOLICITATION NO.:
CKD BY: Checker
CONTRACT NO.:
PLOT DATE: 1/31/2012 4:28:00 PM
FILE NUMBER: -
FILE NAME: -

US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6135 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA

SCHEMATIC SITE PLAN

SHEET IDENTIFICATION
C-101
SHEET OF x

C101- XXX

GENERAL NOTES

LOAD CRITERIA

1. STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE, 2009 EDITION.
ASCE 7-05 - AMERICAN SOCIETY OF CIVIL ENGINEERS, 2005 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES.
AISC - AMERICAN INSTITUTE OF STEEL CONSTRUCTION, MANUAL OF STEEL CONSTRUCTION, THIRTEENTH EDITION.
AISC 360-05 - AMERICAN INSTITUTE OF STEEL CONSTRUCTION, SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, WITH COMMENTARY.
ACI 318-08 - ACI INTERNATIONAL 2008 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE AND COMMENTARY.
UFC 3-301-01 - UNIFIED FACILITIES CRITERIA, STRUCTURAL ENGINEERING 2010 WITH CHANGE 2, 31 JANUARY 2011.
UFC 4-010-01 - UNIFIED FACILITIES CRITERIA, DOD MINIMUM ANTITERRORISM STANDARDS FOR BUILDINGS 2003 WITH 2007 REVISION.

2. DESIGN LIVE LOADS (REDUCED AS ALLOWED BY THE BUILDING CODE):

ROOF		20 PSF

DESIGN SNOW LOAD:

GROUND SNOW LOAD,	Pg	15 PSF
SLOPED ROOF SNOW LOAD,	Ps	10.5 PSF
EXPOSURE FACTOR,	Ce	1.0
ROOF THERMAL FACTOR,	Ct	1.0
IMPORTANCE FACTOR,	Is	1.0

DESIGN WIND LOADS:

BASIC WIND SPEED,	V	85 MPH (THREE SECOND GUST)
IMPORTANCE FACTOR,	Iw	1.00
EXPOSURE	C	
INTERNAL PRESSURE COEFF	GCpi	+/-0.18 (ENCLOSED BUILDING)

3. DESIGN SEISMIC LOADS ARE BASED ON THE FOLLOWING DATA:

MAPPED SHORT PERIOD SPECTRAL RESPONSE ACCELERATION,	Ss 117.0%g
MAPPED 1-SEC PERIOD SPECTRAL RESPONSE ACCELERATION,	S1 41.0%g
SHORT PERIOD DESIGN SPECTRAL RESPONSE ACCELERATION,	Sds 0.805
1-SEC PERIOD DESIGN SPECTRAL RESPONSE ACCELERATION,	Sd1 0.435
OCCUPANCY CATEGORY	II
SEISMIC DESIGN CATEGORY	D
SITE CLASS	D
BASIC STRUCTURAL SYSTEM	STEEL FRAMING
BASIC SEISMIC-FORCE-RESISTING SYSTEM	
ORDINARY STEEL CONCENTRICALLY BRACED FRAMES	
RESPONSE MODIFICATION FACTOR,	R = 3
DEFLECTION AMPLIFICATION FACTOR,	Cd = 3.25
IMPORTANCE FACTOR	Ie = 1.00
SEISMIC RESPONSE COEFFICIENT	Cs = 0.268
ANALYSIS PROCEDURE	
EQUIVALENT LATERAL FORCE	
DESIGN BASE SHEAR	Cs x W

FOUNDATIONS

1. THE FOUNDATION DESIGN IS BASED ON THE GEOTECHNICAL ENGINEERING REPORT BY _____, DATED _____.

2. FOOTINGS SHALL BE FOUNDED ON QUALIFIED VIRGIN SOIL OR ON ENGINEERED FILL AT THE ELEVATIONS SHOWN ON PLAN. ALL UNSUITABLE FOUNDATION MATERIAL SHALL BE REMOVED AND REPLACED WITH STRUCTURAL FILL UP TO THE DESIGNED BOTTOM OF FOOTING ELEVATION. SOIL BEARING CONDITION SHALL BE CERTIFIED BY THE GEOTECHNICAL ENGINEER PRIOR TO REBAR PLACEMENT.

FOR GRAVITY LOADS (DEAD AND LIVE LOADS): STRIP AND COLUMN FOOTINGS SUPPORTED ON UNDISTURBED NATIVE SOIL STRATUM OR STRUCTURAL FILL WITH PROPER COMPACTION CAN BE DESIGNED FOR NET ALLOWABLE SOIL BEARING CAPACITIES OF 2,000 POUNDS PER SQUARE FOOT (PSF), RESPECTIVELY FOR SERVICE LOADS.

MINIMUM SOIL COVER TO BOTTOM OF FOOTING SHALL BE 12 INCHES FOR FROST PROTECTION.

3. NO FOUNDATION CONCRETE SHALL BE INSTALLED UNTIL ALL FOUNDATION WORK HAS BEEN COORDINATED WITH UNDERGROUND UTILITIES. REPORT TO OWNER FOR ANY CONFLICT BETWEEN FOUNDATION AND UTILITY LINES. OBTAIN OWNER APPROVED SOLUTIONS BEFORE PROCEEDING.

4. TO MINIMIZE WEATHERING, THE LAST 6 INCHES OF EXCAVATION FOR ALL FOOTINGS SHALL BE MADE IMMEDIATELY PRIOR TO PLACEMENT OF FOOTINGS.

5. CFX.X AND WFX.X INDICATE FOOTING TYPES. SEE FOOTING SCHEDULE FOR SIZE AND REINFORCING. UNLESS NOTED OTHERWISE, THE CENTERLINES OF ALL COLUMN FOOTINGS SHALL BE LOCATED ON CENTERLINES OF CONCRETE PEDESTAL OR STEEL COLUMN WHICHEVER IS IN DIRECT CONNECTION WITH THE FOOTING.

CONCRETE

1. CONCRETE STRENGTH:

FOOTINGS	f'c = 4,000 psi
FOUNDATION WALLS AND PEDESTALS	f'c = 4,000 psi
GROUND FLOOR SLAB	f'c = 4,000 psi
COMPOSITE CONCRETE FLOOR SLAB	f'c = 4,000 psi
ALL CONCRETE NOT OTHERWISE SPECIFIED	f'c = 4,000 psi

2. REINFORCING BARS
ASTM A 615 GRADE 60, DEFORMED — fy = 60 KSI

3. REINFORCEMENT SHALL BE DETAILED AND PLACED IN ACCORDANCE WITH ACI 318. DEVELOPMENT AND SPLICE LENGTHS ARE IN TENSION UNLESS NOTED OTHERWISE.

4. CONTINUOUS REINFORCING IN WALLS AND SLABS MAY BE SPLICED, AS REQUIRED, PROVIDING BARS ARE OF THE LONGEST PRACTICABLE LENGTH AND SPLICES ARE SHOWN ON REINFORCING SHOP DRAWINGS. WHEREVER POSSIBLE, SPLICES SHALL BE STAGGERED. FIELD CUTTING OF REINFORCEMENT WILL NOT BE PERMITTED.

5. PROVIDE CONCRETE COVER FOR REINFORCING AS SPECIFIED BELOW. IN NO CASE SHALL REINFORCEMENT COVER BE LESS THAN THE REQUIREMENTS OF ACI 301.

CONCRETE DEPOSITED AGAINST THE GROUND	3"
CONCRETE EXPOSED TO EARTH OR WEATHER	2"
BEAMS AND COLUMNS	1 ½"
SLABS AND WALLS	1"

6. PROVIDE DOWELS TO MATCH REINFORCEMENT SIZE AND SPACING INDICATED FOR ALL STRUCTURAL ELEMENTS, UNLESS NOTED OTHERWISE.

7. MAJOR CONSTRUCTION JOINTS, IF ANY, ARE SHOWN ON THE DRAWINGS. INTERMEDIATE JOINTS IN WALLS, SLABS, AND FLOOR FRAMING ARE NOT SHOWN. CONSTRUCTION JOINTS MAY BE ADDED, OMITTED OR RELOCATED IF PROPERLY DETAILED ON SHOP DRAWINGS AND APPROVED BY THE DOR.

8. SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR LOCATIONS OF OPENINGS AND SLEEVES IN CONCRETE WALLS AND SUPPORTED FLOORS. SPREAD REINFORCEMENT AT OPENINGS AND SLEEVES UNLESS NOTED OTHERWISE. DO NOT CUT REINFORCEMENT. SEE TYPICAL REINFORCEMENT DETAILS FOR OPENINGS IN SLABS AND WALLS FOR ADDITIONAL REQUIREMENTS.

9. CONCRETE WALLS SHALL BE TEMPORARILY BRACED AGAINST EARTH PRESSURE AND OTHER FORCES UNTIL FLOOR SLABS ARE IN PLACE AND HAVE ATTAINED REQUIRED STRENGTHS.

10. FOUNDATION WALLS SHALL BE CAST IN ALTERNATE PANELS NOT TO EXCEED 30 FEET IN LENGTH.

11. PROVIDE WATERSTOPS IN ALL CONSTRUCTION JOINTS AT OR BELOW GRADE. PROVIDE WATERSTOPS IN EXPANSION JOINTS AND CONSTRUCTION JOINTS OF LIQUID□CONTAINING STRUCTURES AND WHERE REQUIRED TO PREVENT INFILTRATION OF GROUND WATER.

12. DEPRESS FLOOR SLABS AS REQUIRED; SEE ARCHITECTURAL DRAWINGS FOR LOCATION AND DEPTH OF DEPRESSED AREAS.

13. CHAMFER EDGES OF PERMANENTLY EXPOSED CONCRETE SURFACES 3/4-INCH, UNLESS NOTED OTHERWISE.

CONCRETE SLAB ON GRADE

1. COMPACTED SOIL IS TO PROVIDE A SATISFACTORY SUBGRADE FOR THE LOAD BEARING CONCRETE SLAB ON GRADE. BACKFILL MATERIAL SHALL BE GRAVELLY SOILS, WELL-GRADED SANDS, AND SAND-GRAVEL MIXTURES RELATIVELY FREE OF PLASTIC FINES.

2. FILL AND BACKFILL SHALL BE COMPACTED TO A MINIMUM OF 95% AASHTO T-180C DENSITY AND SHALL CONFORM TO ABOVE REFERENCED GEOTECHNICAL ENGINEER'S REQUIREMENTS.

3. PROVIDE MINIMUM 4" THICK POROUS FILL DIRECTLY UNDER VAPOR BARRIER TO PREVENT WATER CAPILLARY ACTION.

4. UNLESS NOTED OTHERWISE, ISOLATION JOINTS SHALL BE USED AT JUNCTIONS WITH WALLS AND COLUMNS, USE ½" THICK PREMOLDED JOINTS FULL DEPTH OF SLAB.

5. UNLESS NOTED OTHERWISE, PLACE CONTROL JOINTS AT CENTER LINE OF COLUMNS. PROVIDE INTERMEDIATE JOINTS IF COLUMN SPACING IS GREATER THAN 20 FT. IN ANY CASE JOINT SPACING SHALL NOT BE GREATER THAN 15 FT. IN SIDEWALKS TOOLED JOINTS SHALL BE SPACED AS THE WIDTH OF THE SIDEWALK.

6. CONTROL JOINT DEPTH SHALL BE ¼ OF SLAB THICKNESS. JOINTS SHALL BE SAWED WITHIN 24 HOURS AFTER CONCRETING.

7. VAPOR BARRIER, OVERLAPPED 6" AT JOINTS, AND WITH A PERMEANCE OF LESS THAN 0.3% PERMS IN ACCORDANCE WITH ASTM E-98 SHALL BE PROVIDED DIRECTLY UNDER INTERIOR SLAB. WHERE NO VAPOR BARRIER IS USED, THE SUBGRADE MUST BE DAMPENED WITH WATER IN ADVANCE OF CONCRETING. STANDING WATER ON THE SUBGRADE AND/OR ANY MUDDY OR SOFT SPOT IS NOT PERMITTED.

8. ANY STRUCTURAL MEMBER PENETRATING SLAB ON GRADE IS TO BE ISOLATED WITH ½" PRE-MOLDED JOINT FILLER COMPLYING WITH ASTM D-1752, TYPE I.

9. PREMATURE FINISHING IS NOT ALLOWED. IMMEDIATE FOLLOWING FLOATING, TROWELING WITH STEEL TROWELS SHOULD BE COMMENCED IF REQUIRED. BROOMING SHALL BE AFTER THE STEEL TROWELING OPERATION.

10. SLAB FINISH TYPE: INSIDE BUILDING – STEEL TROWELED; OUTSIDE SLAB – BROOMED, UNLESS NOTED OTHERWISE.

MASONRY

1. DESIGN MASONRY ASSEMBLAGE STRENGTH, F'M = 1500 PSI. NET AREA COMPRESSIVE STRENGTH OF CONCRETE MASONRY UNITS SHALL BE A MINIMUM OF 1900 PSI.

2. CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90 AND BE MANUFACTURED WITH LIGHTWEIGHT AGGREGATE.

3. MORTAR SHALL CONFORM TO ASTM C 270 TYPE "M" (2500 PSI). GROUT FOR FILLED CELL SHALL CONFORM TO ASTM C476 AND SHALL NOT CONTAIN ADMIXTURES. GROUT SHALL ATTAIN A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 3000 PSI, SLUMP 9 IN.

4. REINFORCEMENT SHALL BE DEFORMED BARS CONFORMING TO ASTM A615 / A615M, GRADE 60 AND SHALL HAVE FABRICATION TOLERANCES IN ACCORDANCE WITH ACI 315. SHOP-FABRICATE REINFORCING BARS WHICH ARE INDICATED TO BE BENT OR HOOKED.

5. PROVIDE 9 GAGE HORIZONTAL REINFORCEMENT AT 16" SPACING LADDER TYPE FOR NON-LOAD BEARING WALL, TRUSS TYPE FOR LOAD BEARING WALL.

6. ALUMINUM CONDUITS, PIPES, AND ACCESSORIES SHALL NOT BE EMBEDDED IN MASONRY GROUT, OR MORTAR, UNLESS EFFECTIVELY COATED OR COVERED TO PREVENT ALUMINUM-CEMENT CHEMICAL REACTION OR ELECTROLYTIC REACTION BETWEEN ALUMINUM AND STEEL.

7. PROVIDE VERTICAL REBARS ACCORDING TO PLAN OR WALL SCHEDULE. SEE "TYPICAL WALL END AND CORNER DETAILS" FOR SPECIAL REINFORCING DETAIL.

8. VERTICAL REINFORCEMENT MUST HAVE A MINIMUM 48 BAR DIAMETER LAP SPLICE. UNLESS NOTED OTHERWISE, CENTER WALL REINFORCEMENT IN BLOCK CELLS. USE NONMETALLIC BAR POSITIONERS.

9. PROVIDE DOWEL REINFORCEMENT IN FOUNDATION OF SAME SIZE AND SPACING AS VERTICAL WALL REINFORCEMENT.

10. PROVIDE A CONTINUOUS BOND BEAM AT TOP OF WALL WITH 2 #5 BARS INSIDE. VERTICAL REBARS SHALL BE DEVELOPED INTO BOND BEAM, UNLESS NOTED OTHERWISE.

11. BRACE TOP OF INTERIOR, NON-LOAD BEARING MASONRY WALLS TERMINATING AT THE UNDERSIDE OF FLOOR OR ROOF STRUCTURE AGAINST OUT-OF-PLANE MOVEMENT IN ACCORDANCE WITH THE "TYPICAL NON-BEARING CMU WALL BRACING" DETAIL.

12. PROVIDE CONCRETE LINTEL AND WINDOW SILL ACCORDING TO SCHEDULES IN TYPICAL OPENING DETAIL.

STRUCTURAL ABBREVIATIONS

CJ	CONTRACTION JOINT
CL	CENTER LINE
CLR	CLR (COVER)
CONT	CONTINUOUS
DOR	DESIGNER OF RECORD
EF	EACH FACE
EJ	EXPANSION JOINT
EL	ELEVATION
EQ	EQUAL
EW	EACH WAY
EXT	EXTERIOR
FIN	FINISHED
FL	FLOOR
FTG	FOOTING
HORIZ	HORIZONTAL
INT	INTERIOR
OC	ON CENTER (SPACING)
PFMB	PRE-FABRICATED METAL BUILDING
REINF	REINFORCING (REBAR)
SCHDL	SCHEDULE
SOG	SLAB-ON-GRADE
T&B	TOP AND BOTTOM
TOS	TOP OF STEEL
TOC	TOP OF CONCRETE
VERT	VERTICAL
W/O	WITHOUT
WP	WORK POINT
WWR	WELDED WIRE REINFORCING

US Army Corps of Engineers ®
NORFOLK DISTRICT

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U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
GENERAL STRUCTURAL NOTES, DESIGN LOADS & ABBREVIATIONS

SHEET IDENTIFICATION
S-001
SHEET 0 OF 0

S-001-

STEEL

1. MATERIAL STRENGTH
   WIDE FLANGE SHAPES - ASTM A 992, Fy = 50 KSI
   STRUCTURAL RECTANGULAR TUBING - ASTM A 500 GRADE B, Fy = 46 KSI
   (NOTED AS "HSS 4x4x1/4")
   ALL OTHER STRUCTURAL STEEL - ASTM A 36, Fy = 36 KSI
   WELDING ELECTRODES - AWS D1.1, E70XX

2. THE CENTERLINES OF ALL COLUMNS AND BEAMS SHALL BE LOCATED ON COLUMN LINES UNLESS NOTED OTHERWISE.

3. BOLTS SHALL BE ¾ INCH DIAMETER, TYPE A325, UNLESS NOTED OTHERWISE.

4. ANCHOR BOLTS SHALL CONFORM TO ASTM F1554, GRADE 36, UNLESS NOTED OTHERWISE. SWAGED ANCHOR BOLTS AND ANCHOR BOLTS WITH HOOKED END ANCHORAGE ARE NOT ALLOWED.

5. SHEAR CONNECTIONS FOR SIMPLY SUPPORTED BEAMS SHALL BE DESIGNED FOR REACTIONS INDICATED ON THE FRAMING PLANS. WHERE NONE ARE INDICATED, BEAMS SHALL BE DESIGNED FOR AN END REACTION EQUAL TO 1/2 OF THE TOTAL UNIFORM LOAD CAPACITY TABULATED IN THE ALLOWABLE UNIFORM LOAD TABLES OF THE AISC MANUAL, 13TH EDITION.

6. BOLTED MOMENT CONNECTIONS SHALL BE SLIP-CRITICAL CONNECTIONS. OTHER CONNECTIONS SHALL BE BEARING CONNECTIONS WITH THREADS INCLUDED IN SHEAR PLANES.

7. WELDS INDICATED "CJP" ("PJP") SHALL BE COMPLETE (PARTIAL) JOINT PENETRATION GROOVE WELDS. FABRICATOR SHALL PRODUCE COMPLETE (OR PARTIAL) JOINT PENETRATION GROOVE WELDS WHICH CONFORM TO ALL AWS D1.1 QUALIFIED WELD REQUIREMENTS AND WHICH ARE APPLICABLE TO THE SPECIFIC CONDITIONS SHOWN.

8. WHERE THE WORK OF OTHER TRADES REQUIRES CUTS, HOLES, ETC., IN STRUCTURAL STEEL MEMBERS, CUTS, HOLES, ETC., SHALL BE MADE IN THE SHOP AND SHOWN ON THE SHOP DRAWINGS. MAKING HOLES OR CUTS IN STRUCTURAL STEEL MEMBERS IN THE FIELD WILL NOT BE PERMITTED WITHOUT SPECIFIC APPROVAL OF THE DOR.

9. THE LATERAL LOAD RESISTING SYSTEM INCLUDES STRUCTURAL STEEL AND THE DIAPHRAGM AS INDICATED BELOW. ALL ELEMENTS OF THE LATERAL LOAD RESISTING SYSTEM AND DIAPHRAGM ARE REQUIRED TO BE COMPLETE AS INDICATED AND DETAILED IN THE STRUCTURAL CONTRACT DOCUMENTS TO PROVIDE THE LATERAL STRENGTH AND STABILITY OF THE STEEL STRUCTURE. THE STRUCTURE SHALL BE CONSIDERED UNSTABLE UNTIL THESE SYSTEMS AND ELEMENTS ARE COMPLETE.

9.1 THE LATERAL LOAD RESISTING SYSTEM FOR THE STEEL STRUCTURE INCLUDES THE FOLLOWING ELEMENTS AS INDICATED AND DETAILED IN THE STRUCTURAL CONTRACT DOCUMENTS:
   BRACED FRAMES
   MOMENT FRAMES
   CONNECTIONS, BASEPLATES, ANCHOR BOLTS, AND GROUT

9.2 THE LATERAL LOAD RESISTING DIAPHRAGM FOR THE STEEL STRUCTURE INCLUDES THE FOLLOWING ELEMENTS AS INDICATED AND DETAILED IN THE STRUCTURAL CONTRACT DOCUMENTS:
   STEEL ROOF DECK

10. STABILITY BRACING: THE STABILITY OF STRUCTURAL STEEL ELEMENTS INCLUDING INDIVIDUAL HOT-ROLLED STEEL SHAPES AND FABRICATED TRUSSES IS PROVIDED BY THE FOLLOWING ELEMENTS AS INDICATED AND DETAILED IN THE STRUCTURAL CONTRACT DOCUMENTS. THESE ELEMENTS SHALL BE COMPLETE AS SHOWN IN THE STRUCTURAL CONTRACT DOCUMENTS BEFORE ANY TEMPORARY MEANS AND METHODS REQUIRED FOR ERECTION ARE REMOVED.
   STEEL ROOF DECK
   STRUCTURAL STEEL BRACING AND KICKERS

STEEL JOISTS

1. FABRICATION AND ERECTION SHALL COMFORM TO THE STANDARD OF STEEL JOIST INSTITUTE (SJI). THE STEEL JOIST FABRICATOR SHALL BE A MEMBER OF SJI.

2. JOIST MANUFACTURER SHALL DESIGN THE MEMBER SIZES AND CONNECTIONS OF THE JOISTS IN ACCORDANCE WITH DIMENSIONS AND LOADING CONDITIONS SPECIFIED ON PLAN. DESIGN CALCULATIONS SHALL BE SIGNED AND SEALED BY A LICENSED PROFESSIONAL ENGINEER AND SUBMITTED TO DOR FOR REVIEW.

3. STEEL JOIST SPACING SHALL NOT EXCEED SPACING INDICATED ON DRAWINGS AND PLACEMENT OF JOISTS SHALL BE CAREFULLY COORDINATED WITH PARTITIONS AND WORK OF OTHER TRADES TO AVOID INTERFERENCES.

4. PROVIDE JOIST BRIDGING IN ACCORDANCE WITH SJI SPECIFICATIONS. OMIT JOIST BRIDGING WHERE INDICATED OR WHERE REQUIRED TO ALLOW INSTALLATION OF WORK OF OTHER TRADES. PROVIDE DIAGONAL BRIDGING IN EACH ADJACENT BAY IN LINE WITH OMITTED BRIDGING.

5. WELD ALL JOISTS TO SUPPORTING STEEL WITH 1-1/2 INCHES OF 1/8 FILLET FOR K-SERIES JOISTS AND (WHEN APPLICABLE) 2 INCHES OF 1/4 INCH FILLET WELD FOR LH- OR DLH- SERIES JOISTS, EACH SIDE OF BEARING.

6. JOISTS ARE TO BE FIELD BOLTED AT COLUMN LINES, OR, IF THERE ARE NO JOISTS AT THE COLUMN LINE, FIELD BOLT THE JOIST NEAREST THE COLUMN ON EACH SIDE OF THE BEAM. EXTEND BOTTOM CHORDS OF THE SAME JOISTS AND WELD THEM TO THE BEAM OR COLUMN.

7. EXTEND ALL JOISTS 1 INCH MINIMUM PAST CENTERLINE OF SUPPORTING MEMBER WHERE POSSIBLE.

8. ADJACENT JOISTS OF THE SAME DEPTH ARE TO HAVE WEB MEMBERS IN LINE TO PERMIT PASSAGE OF HVAC DUCTS.

9. JOISTS AND JOIST GIRDERS WITH CONCENTRATED LOADS IN EXCESS OF 50 POUNDS ON THE TOP OR BOTTOM CHORDS NOT LOCATED AT A PANEL POINT SHALL BE REINFORCED WITH A FIELD INSTALLED MEMBER. THE FIELD INSTALLED MEMBER SHALL BE LOCATED AT THE CONCENTRATED LOAD AND SHALL BRACE THE CHORD BACK TO A PANEL POINT.

10. STEEL JOISTS DESIGNATED "SP" ON PLAN ARE SPECIAL JOISTS THAT SHALL BE DESIGNED FOR THE SPECIAL CRITERIA INDICATED.

STEEL DECK

1. ROOF DECK SHALL BE GALVANIZED STEEL CONFORMING TO ASTM A653-94 WITH A MINIMUM YIELD STRENGTH OF 33 KSI. STEEL ROOF DECK SHALL BE 1-1/2" DEEP WIDE RIB DECK WITH THE FOLLOWING MINIMUM SECTION PROPERTIES:
t=0.0358 in (20 Gage)
Ip=0.212 in4/ft
Sp=0.234 in3/ft
Sn=0.247 in3/ft

2. ROOF DECK SHALL BE FASTENED TO THE SUPPORTING STRUCTURE WITH 5/8" Ø PUDDLE WELDS AT A 36/4 WELD PATTERN. SIDE LAP CONNECTIONS SHALL BE MADE WITH #10 SELF TAPPING SCREWS AT QUARTER POINTS BETWEEN SUPPORTS. FASTEN DISCONTINUOUS SIDE OF ROOF DECK TO SUPPORTING STRUCTURE WITH 5/8" Ø PUDDLE WELDS AT 12" ON CENTER UNLESS NOTED OTHERWISE.

3. WHERE 4 OR MORE SUPPORTS ARE PROVIDED, STEEL DECK SHALL SPAN CONTINUOUSLY OVER A MINIMUM OF 3 SUPPORTS (2-SPAN CONDITION), UNLESS NOTED OTHERWISE.

4. 20 GAGE RIDGE PLATES, VALLEY PLATES AND MISCELLANEOUS METAL DECK ACCESSORIES SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH THE DECK MANUFACTURER'S RECOMMENDATIONS.

5. PERMANENT SUSPENDED LOADS SHALL NOT BE SUPPORTED BY STEEL ROOF DECK.

COLD FORMED STEEL FRAMING

1. STRUCTURAL MEMBERS SHALL BE DESIGNED IN ACCORDANCE WITH THE AMERICAN IRON AND STEEL INSTITUTE (AISI) "NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS" (LATEST EDITION).

2. STRUCTURAL MEMBERS TO BE FORMED FROM CORROSION RESISTANT STEEL SHALL CONFORM TO ASTM A 653/AA 653M WITH MINIMUM YIELD STRESS (FY) OF 33 KSI FOR STEEL THICKNESS LESS THAN OR EQUAL TO 54 MIL (16 GAGE) OR 50 KSI FOR THICKESS GREATER THAN 54 MIL.

3. COLD-FORMED STEEL MATERIAL SHALL BE COLOR-CODED FOR EACH DIFFERENT COLD –FORMED STEEL THICKNESS.

4. COLD-FORMED MEMBERS AND DETAILS SHOWN ON THE STRUCTURAL DRAWINGS ARE FOR BID PURPOSE ONLY. STRUCTURAL STUD AND/OR JOIST FRAMING MEMBERS AND CONNECTIONS ARE TO BE ENGINEERED BY THE MANUFACTURER. DESIGN CALCULATIONS AND SHOP DRAWINGS INDICATING ALL JAMBS, POSTS, HEADERS, BRACING AND PIECES NECESSARY FOR CONSTRUCTION SHALL BE SUBMITTED TO THE DESIGNER OF RECORD FOR REVIEW. DESIGN CALCULATIONS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER.

5. LOAD BEARING INTERIOR WALLS SHALL BE DESIGNED ACCORDING TO THE COMPRESSION AND TENSION LOADS INDICATED ON PLAN COMBINED WITH A 5 PSF LATERAL LOAD.

6. EXTERIOR LOAD BEARING WALLS SHALL BE DESIGNED FOR THE COMBINED WIND CLADDING AND COMPRESSION OR TENSION LOADS INDICATED ON PLAN. PERMISSIBLE HORIZONTAL DEFLECTION SHALL BE L/600 FOR EXTERIOR WALLS WITH BRICK VENEER ATTACHED, L/360 FOR ALL OTHER WALLS.

7. MAXIMUM STUD SPACING FOR LOAD BEARING WALL SHALL BE 16" ON CENTER, NON LOAD BEARING WALL 24".

8. MINIMUM DEPTH OF STUDS SHALL BE 6" FOR LOAD BEARING WALLS, 4" FOR SHEAR WALLS NOT SUPPORTING ROOF TRUSSES.

9. MECHANICAL BRIDGING AT INTERVALS NOT EXCEEDING 4'-0" ON CENTER SHALL BRACE ALL LOAD BEARING AND CURTAIN TYPE COLD-FORMED STEEL WALLS. BRIDGING SHALL BE IN PLACE PRIOR TO PLACING ANY LOADS ON THE STUD WALLS.

10. FRAMING COMPONENTS ARE TO BE CUT SQUARELY FOR ATTACHMENT TO PERPENDICULAR MEMBERS OR AS REQUIRED FOR AN ANGULAR FIT AGAINST ABUTTING MEMBERS,

11. FIELD CUTTING OF STUDS MUST BE DONE BY SAWING OR SHEARING, TORCH CUTTING OF COLD-FORMED MEMBERS IS UNACCEPTABLE.

12. FASTENING OF COMPONENTS IS TO BE WITH SELF-DRILLING SCREWS OR WELDING. ALL CONNECTION SCREWS SHALL BE ZINC COATED. WELDING OF STUDS MUST COMPLY WITH AWS D 1.3. ALL WELDS TO BE TOUCHED-UP WITH ZINC-RICH PAINT. POWDER DRIVEN FASTENERS ARE NOT ACCEPTABLE FOR STRUCTURAL APPLICATIONS.

13. COLD-FORMED STEEL FRAMING MEMBERS ARE TO BE SECURELY ATTACHED TO THE STRUCTURE WHERE INDICATED ON THE DRAWINGS OR APPROVED SHOP DRAWINGS. FASTENERS SHALL BE COMPATIBLE WITH THE STRUCTURAL MEMBERS.

14. REFERENCE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION, INCLUDING SHEATHING TYPE, FINISHES, OPENINGS, LOCATIONS ETC.

SPECIAL INSPECTIONS

1. SPECIAL INSPECTIONS WILL BE PERFORMED IN ACCORDANCE WITH THE STATEMENT OF SPECIAL INSPECTIONS

2. OWNER, OR ARCHITECT/STRUCTURAL ENGINEER OF RECORD ACTING AS THE OWNER'S AGENT, SHALL DIRECTLY EMPLOY AND PAY FOR SERVICES OF THE SPECIAL INSPECTORS TO PERFORM REQUIRED SPECIAL INSPECTION.

3. THE FOLLOWING GENERAL TYPES OF WORK REQUIRE SPECIAL INSPECTION: (REFER TO STATEMENT OF SPECIAL INSPECTIONS FOR DETAILED INSPECTION REQUIREMENTS)

FOUNDATIONS
CONCRETE
REINFORCING STEEL
FORMWORK
STRUCTURAL STEEL
STRUCTURAL WELDING
HIGH STRENGTH BOLTS
ROOF DECK ATTACHMENT
COLD-FORMED STEEL FRAMING

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

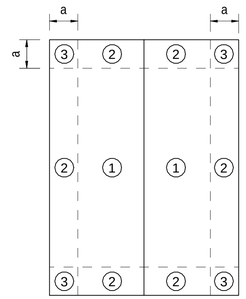
PARSONS BRINCKERHOFF
6135 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

DESIGN BY: Designer
DRAWN BY: Author
SBMT BY: Approver
PLOT SCALE:
SIZE: 22" x 34"
FILE NAME:
CKD BY: Checker
PLOT DATE: 10/2/2012 6:07:04 AM
DATE: SEPTEMBER 12, 2012
SOLICITATION NO.: Enter Solicit #
CONTRACT NO.: Enter Contract #
FILE NUMBER:

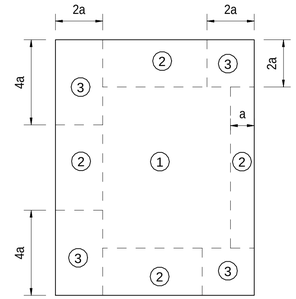
U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
GENERAL STRUCTURAL NOTES

SHEET IDENTIFICATION
S-002
SHEET 0 OF 0

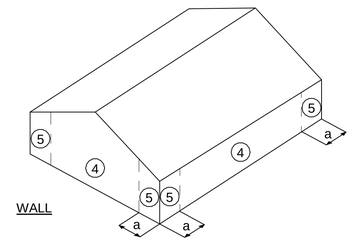
S-002-



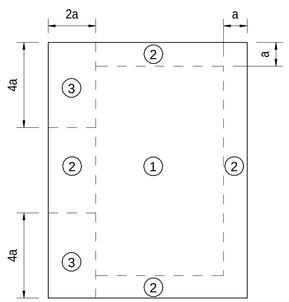
θ ≤ 7 degrees and
Monoslope ≤ 3 degrees



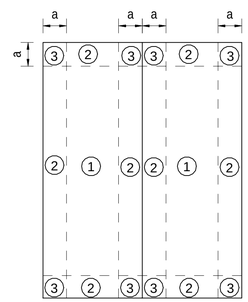
Monoslope roofs
3 degrees < θ ≤ 10 degrees



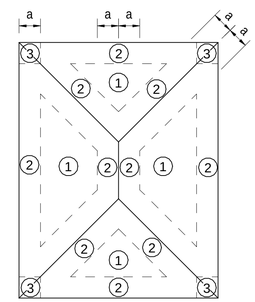
MAIN WIND FORCE RESISTING SYSTEM						
	TRANSVERSE DIRECTION			LONGITUDINAL DIRECTION		
Surface	GCpf	w/-GCpi	w/+GCpi	GCpf	w/-GCpi	w/+GCpi
1	0.54	0.72	0.36	0.40	0.58	0.22
2	-0.45	-0.27	-0.63	-0.69	-0.51	-0.87
3	-0.47	-0.29	-0.65	-0.37	-0.19	-0.55
4	-0.41	-0.23	-0.59	-0.29	-0.11	-0.47
5	-0.45	-0.27	-0.63	-0.45	-0.27	-0.63
6	-0.45	-0.27	-0.63	-0.45	-0.27	-0.63
1E	0.77	0.95	0.59	0.61	0.79	0.43
2E	-0.72	-0.54	-0.90	-1.07	-0.89	-1.25
3E	-0.65	-0.47	-0.83	-0.53	-0.35	-0.71
4E	-0.60	-0.42	-0.78	-0.43	-0.25	-0.61



Monoslope roofs
10 degrees < θ ≤ 30 degrees



7 degrees < θ ≤ 45 degrees

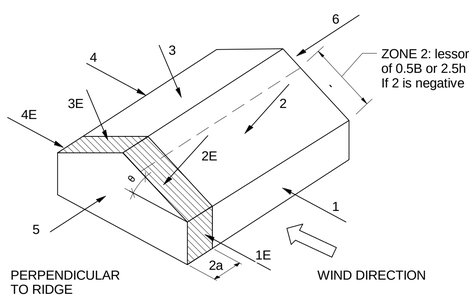


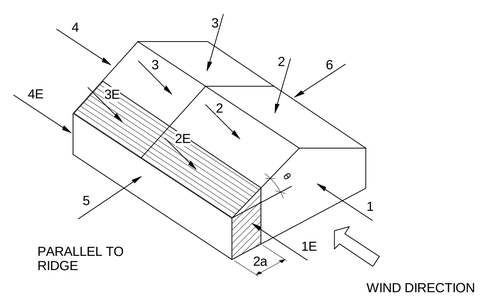
7 degrees < θ ≤ 27 degrees

MAIN WIND FORCE RESISTING SYSTEM					
TRANSVERSE DIRECTION			LONGITUDINAL DIRECTION		
Surface	w/-GCpi	w/+GCpi	Surface	w/-GCpi	w/+GCpi
1	10.6 psf	5.3 psf	1	8.55 psf	3.24 psf
2	-4.0 psf	-9.3 psf	2	-7.51 psf	-12.82 psf
3	-4.2 psf	-9.5 psf	3	-2.80 psf	-8.10 psf
4	-3.5 psf	-8.8 psf	4	-1.62 psf	-6.92 psf
5	-4.0 psf	-9.3 psf	5	-4.0 psf	-9.3 psf
6	-4.0 psf	-9.3 psf	6	-4.0 psf	-9.3 psf
1E	14.0 psf	8.7 psf	1E	11.64 psf	6.34 psf
2E	-7.9 psf	-13.2 psf	2E	-13.11 psf	-18.42 psf
3E	-6.9 psf	-12.2 psf	3E	-5.16 psf	-10.46 psf
4E	-6.2 psf	-11.5 psf	4E	-3.68 psf	-8.99 psf

B1 COMPONENT AND CLADDING DIAGRAM
NOT TO SCALE

ROOF						
	GCp +/- GCpi			SURFACE PRESSURE		
Area	10 SF	50 SF	100 SF	10 SF	50 SF	100 SF
Negative Zone 1	-1.08	-1.01	-0.98	-15.91 psf	-14.88 psf	-14.44 psf
Negative Zone 2	-1.88	-1.53	-1.38	-27.70 psf	-22.55 psf	-20.33 psf
Negative Zone 3	-2.78	-2.36	-2.18	-41.00 psf	-34.80 psf	-32.10 psf
Positive All Zones	0.68	0.54	0.48	10.02 psf	10.00 psf	10.00 psf
Overhang Zone 2	-2.20	-2.20	-2.20	-32.41 psf	-32.41 psf	-32.41 psf
Overhang Zone 3	-3.70	-2.86	-2.50	-54.50 psf	-42.20 psf	-36.8 psf





WALLS					
	GCp +/- GCpi			SURFACE PRESSURE		
Area	10 SF	100 SF	500 SF	10 SF	100 SF	500 SF
Negative Zone 4	-1.28	-1.10	-0.98	-18.86 psf	-16.26 psf	-14.44 psf
Negative Zone 5	-1.58	-1.23	-0.98	-23.28 psf	-18.08 psf	-14.44 psf
Positive Zone 4 & 5	1.18	1.00	0.88	17.39 psf	14.78 psf	12.97 psf

A1 MWFRS DIAGRAM
NOT TO SCALE

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

DATE: SEPTEMBER 12, 2012
SOLICITATION NO.: Enter Solicit #
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FILE NUMBER:
DESIGN BY: Designer
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PLOT DATE: 10/2/2012 10:07:05 AM
PLOT SCALE:
SIZE: 22" x 34"
FILE NAME:

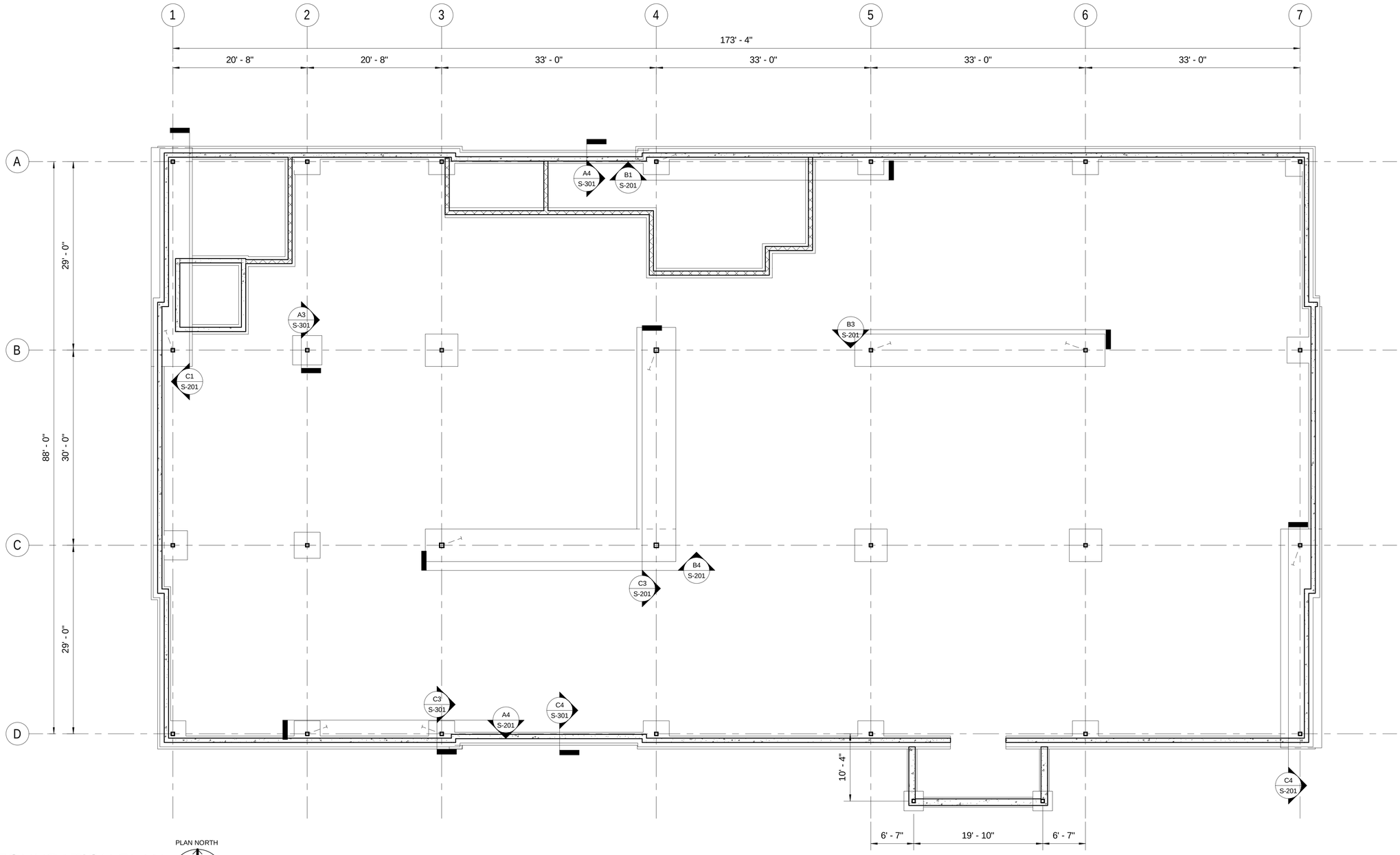
US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
WIND PRESSURE DIAGRAMS

SHEET IDENTIFICATION
S-003
SHEET 0 OF 0

S-003-



A1 FOUNDATION PLAN

1/8" = 1'-0"

PLAN NORTH

PLAN NOTES

1 DATUM FOR ELEVATIONS GIVEN ON THIS PLAN IS FINISHED GROUND FLOOR, ELEVATION _____' = 0'-0"

2 CFY.Y INDICATES COLUMN FOOTING TYPE WHERE Y.Y INDICATEDS THE LENGTH AND THE WIDTH; WFX.X INDICATES CONTINUOUS WALL FOOTING TYPE. SEE FOOTING SCHEDULE ON SHEET S-601 FOR SIZE AND REINFORCING.

3 UNLESS NOTED OTHERWISE (- X' - XX") ON PLANE, TOP OF TYPICAL FOOTINGS (ISOLATED AND CONTINUOUS) SHALL BE AT ELEVATION -1-6"

4 FOR GENERAL NOTES AND TYPICAL DETAILS, REFER TO SHEETS S-001 THROUGH S-002 AND S-501 THROUGH S-504

8 6 4 2 0 8 16

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

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

DESIGN BY: Designer	DATE: SEPTEMBER 12, 2012
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PLOT SCALE:	PLOT DATE: 10/2/2012 8:07:06 AM
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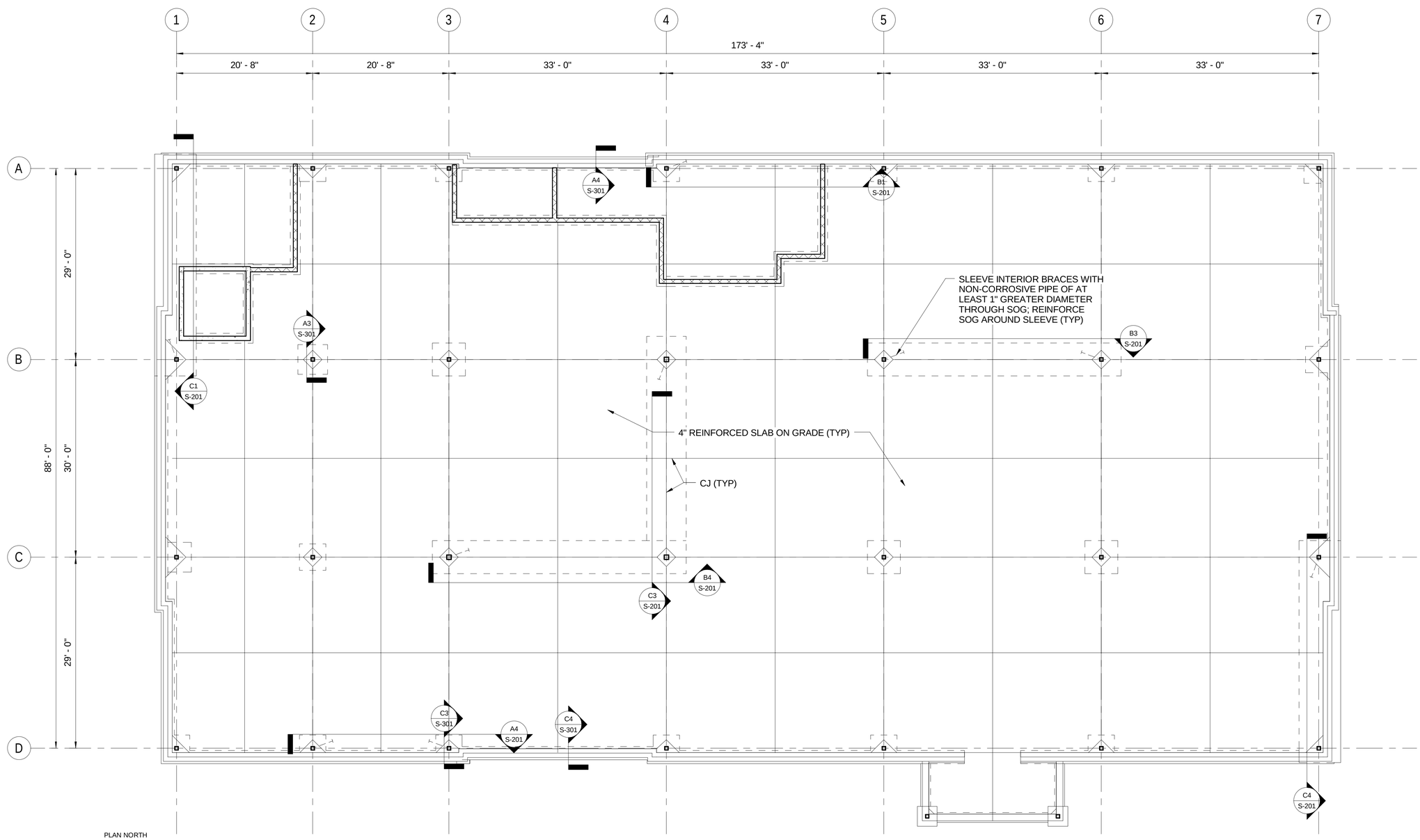
FILE NAME:	FILE NUMBER:

U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
FOUNDATION PLAN

SHEET IDENTIFICATION
S-101
SHEET 0 OF 0

S-101-



A1 S.O.G. PLAN

1/8" = 1'-0"

PLAN NORTH

PLAN NOTES

1 DATUM FOR ELEVATIONS GIVEN ON THIS PLAN IS FINISHED GROUND FLOOR, ELEVATION _____' = 0'-0"

2 TOP OF CONCRETE SLAB IS AT ELEVATION 0'-0" UNLESS NOTED OTHERWISE (-XX'-XX") ON PLAN

3 GROUND FLOOR SLAB SHALL BE CONCRETE SLAB ON GRADE. SEE PLAN FOR SLAB THICKNESS IN VARIOUS ZONES. REINFORCE SLAB AS FOLLOWS: 4" SLAB - 6"x6"-W2.0xW2.0 WWR

4 FOR SLAB PENETRATIONS GREATER THAN 1'-0" SQUARE AND AT RE-ENTRANT CORNERS IN SLABS-ON-GRADE, PROVIDE 2 DIAGONAL BARS IN THE MID-DEPTH OF THE SLAB. SEE DETAIL SHEET S-501.

5 PENETRATIONS IN SLAB-ON-GRADE SHALL BE MADE AT LEAST 1" LARGER THAT THE DIAMETER OR WIDTH OF THE SIZE OF THE PENETRATING ELEMENT AND THE GAP SHALL BE FILLED WITH STANDARD JOINT FILLER.

6 FOR SLAB DEPRESSION DIMENSIONS, SEE ARCHITECTURAL DRAWINGS.

7 FOR GENERAL NOTES AND TYPICAL DETAILS, REFER TO SHEETS S-001 THROUGH S-002 AND S-501 THROUGH S-504

8 6 4 2 0 8 16

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

US Army Corps of Engineers ®
NORFOLK DISTRICT

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US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

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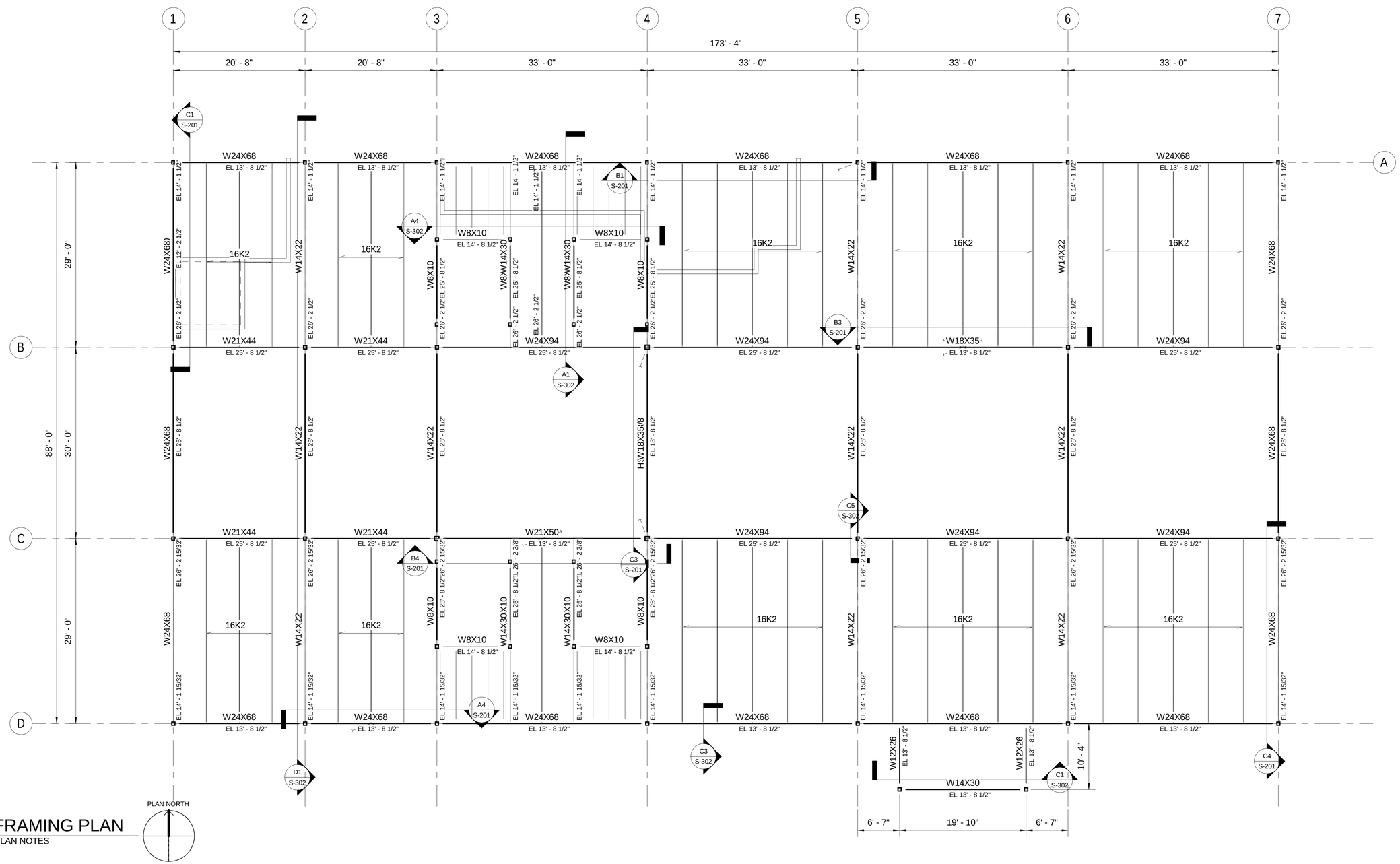
U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
FRAMING PLAN - GROUND FLOOR

SHEET IDENTIFICATION
S-102
SHEET 0 OF 0

S-102-



A1 FRAMING PLAN

PLAN NOTES

1 TOP OF STEEL ELEVATION IS 12'-7" WHICH IS THE TRUSS BEARING ELEVATION.

2 PREFABRICATED CFS TRUSSES ARE DESIGNATED AS TX, WHERE X REFERS TO THE TRUSS TYPE.

3 TRUSSES SHALL BE DESIGNED, DETAILED, AND SEALED BY A PROFESSIONAL ENGINEER.

4 UNLESS NOTED OTHERWISE, TRUSSES SHALL BE EQUALLY SPACED AT A MAXIMUM OF 5'-0" ON CENTER.

5 REFER TO THE "STEEL DECK" SECTION OF THE GENERAL NOTES ON SHEET S-001 FOR THE STRUCTURAL ROOF DECK REQUIREMENTS

6 SEE SHEET S-303 FOR TYPICAL DETAILS OF TRUSS BEARING, SHEAR AND MOMENT CONNECTIONS, DECK ATTACHMENT, ETC.

7 FOR DIMENSIONS NOT INDICATED, SEE ARCHITECTURAL DRAWINGS.

8 6 4 2 0 8 16

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

US Army Corps of Engineers ®
NORFOLK DISTRICT

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NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

DESIGN BY: Designer
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SBMT BY: Approver
SIZE: 22" x 34"
CKD BY: Checker
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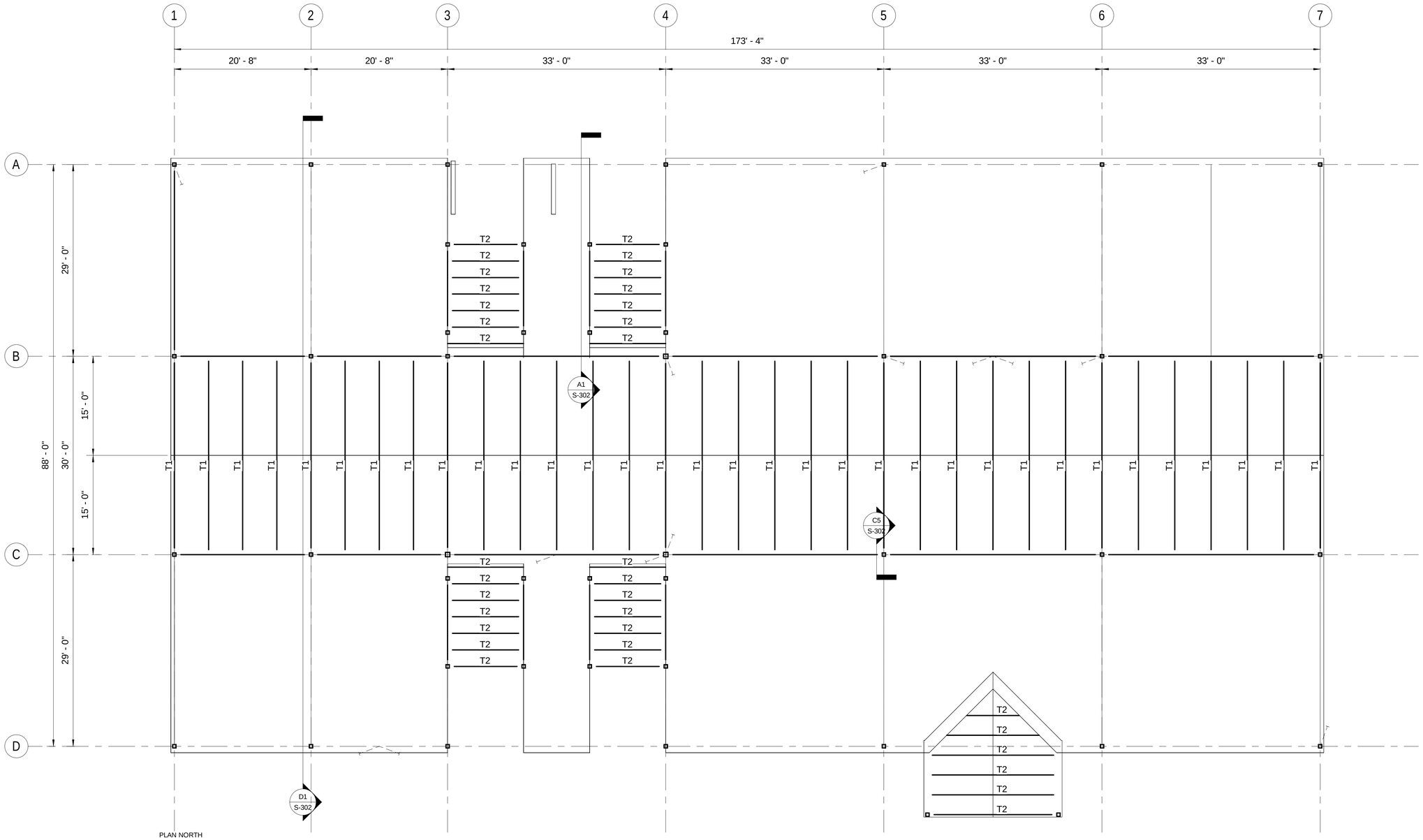
PLOT SCALE:
FILE NAME:
DATE: SEPTEMBER 12, 2012
SOLICITATION NO.: Enter Solicit #
CONTRACT NO.: Enter Contract #
FILE NUMBER:

U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
FRAMING PLAN - TOP OF STEEL

SHEET IDENTIFICATION
S-103
SHEET 0 OF 0

S-103-



A1 ROOF FRAMING PLAN

1/8" = 1'-0"

PLAN NORTH

FOR NOTES SEE SHEET S-103

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

US Army Corps of Engineers ®

NORFOLK DISTRICT

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US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

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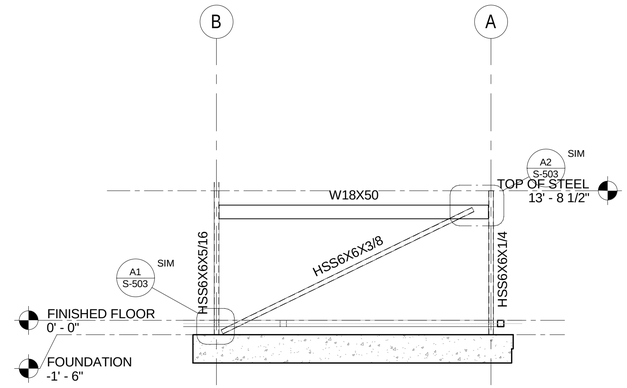
U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
FRAMING PLAN - ROOF

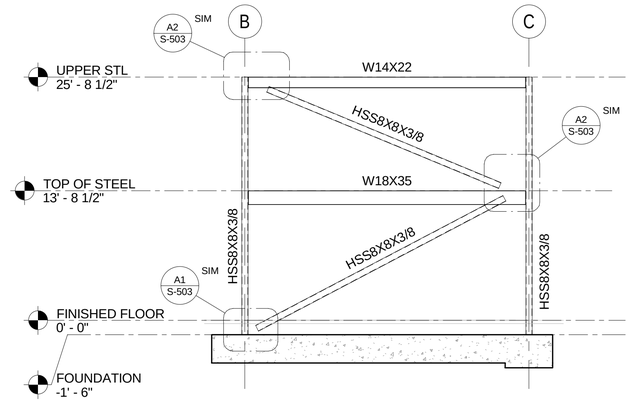
SHEET IDENTIFICATION
S-104
SHEET 0 OF 0



C1 BRACED FRAME ALONG GRID 1

1/8" = 1'-0"

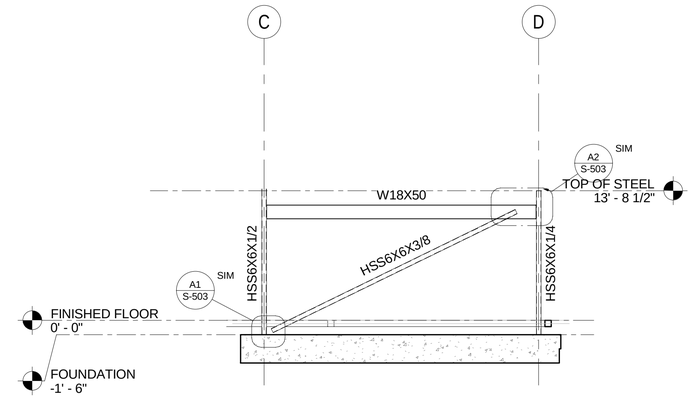
AXIAL WIND LOAD = +/- 5 KIPS
AXIAL SEISMIC LOAD = +/- 40 KIPS



C3 BRACED FRAME ALONG GRID 4

1/8" = 1'-0"

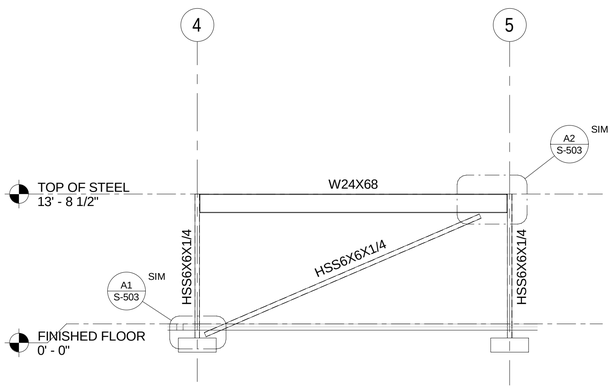
AXIAL WIND LOAD = +/- 15 KIPS
AXIAL SEISMIC LOAD = +/- 60 KIPS



C4 BRACED FRAME ALONG GRID 7

1/8" = 1'-0"

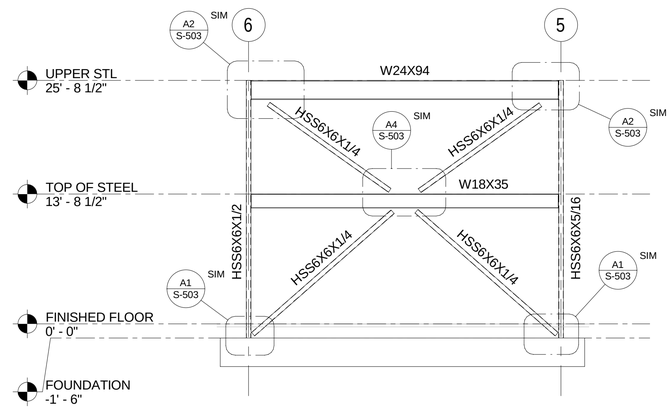
AXIAL WIND LOAD = +/- 5 KIPS
AXIAL SEISMIC LOAD = +/- 50 KIPS



B1 BRACED FRAME ALONG GRID A

1/8" = 1'-0"

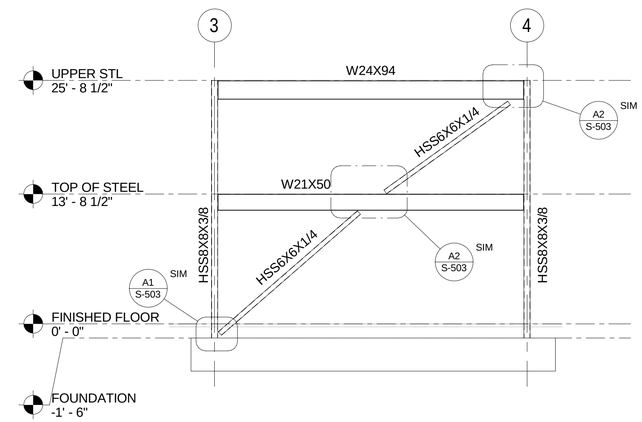
AXIAL WIND LOAD = +/- 5 KIPS
AXIAL SEISMIC LOAD = +/- 25 KIPS



B3 BRACED FRAME ALONG GRID B

1/8" = 1'-0"

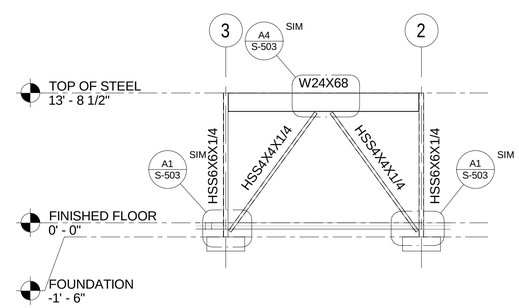
AXIAL WIND LOAD = +/- 5 KIPS
AXIAL SEISMIC LOAD = +/- 45 KIPS



B4 BRACED FRAME ALONG GRID C

1/8" = 1'-0"

AXIAL WIND LOAD = +/- 5 KIPS
AXIAL SEISMIC LOAD = +/- 35 KIPS



A4 BRACED FRAME ALONG GRID D

1/8" = 1'-0"

AXIAL WIND LOAD = +/- 5 KIPS
AXIAL SEISMIC LOAD = +/- 20 KIPS

8 6 4 2 0 8 16
SCALE: 1/8"=1'-0"

US Army Corps of Engineers ®
NORFOLK DISTRICT

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NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6135 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

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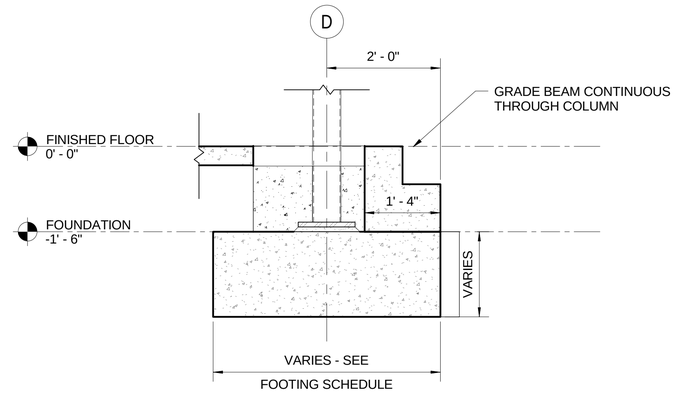
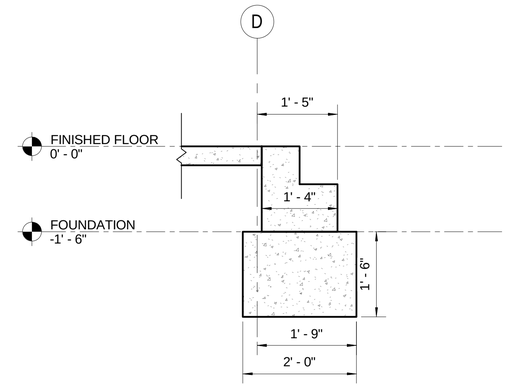
U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
FRAMING ELEVATIONS

SHEET IDENTIFICATION
S-201
SHEET 0 OF 0

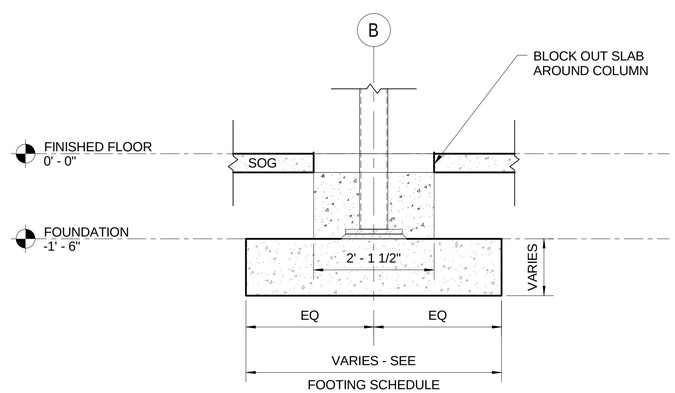
S-201-



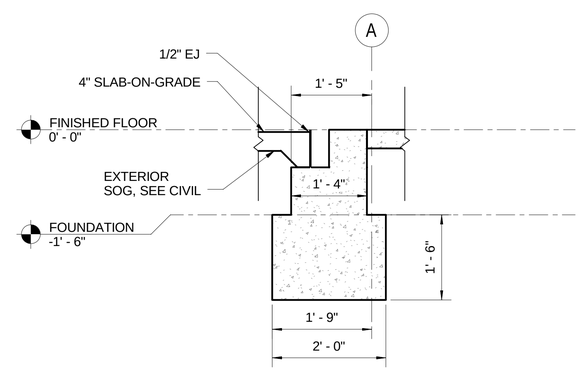
C3 TYPICAL EXTERIOR FOUNDATION AT COLUMN
3/4" = 1'-0"



C4 TYPICAL EXTERIOR FOUNDATION
3/4" = 1'-0"



A3 TYPICAL INTERIOR FOUNDATION
3/4" = 1'-0"



A4 TYPICAL FOUNDATION AT DOORWAY
3/4" = 1'-0"

2 1 0 2
SCALE: 3/4"=1'-0"

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

DESIGN BY: Designer
DRAWN BY: Author
SBMT BY: Approver
PLOT SCALE:
SIZE: 22" x 34"
CKD BY: Checker
PLOT DATE: 10/2/2012, 10:07:10 AM
FILE NAME:
DATE: SEPTEMBER 12, 2012
SOLICITATION NO.: Enter Solicit #
CONTRACT NO.: Enter Contract #
FILE NUMBER:

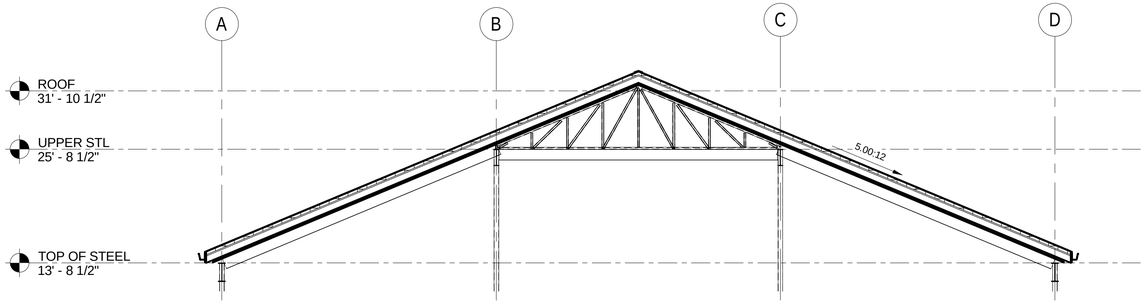
US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

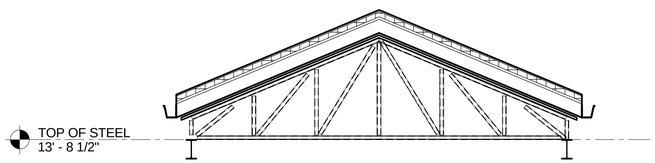
U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
FOUNDATION SECTIONS

SHEET IDENTIFICATION
S-301
SHEET 0 OF 0

S-301-

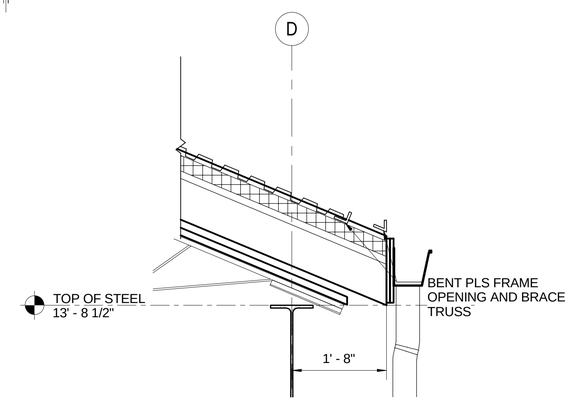


D1 TYPE T1 TRUSS
1/8" = 1'-0"

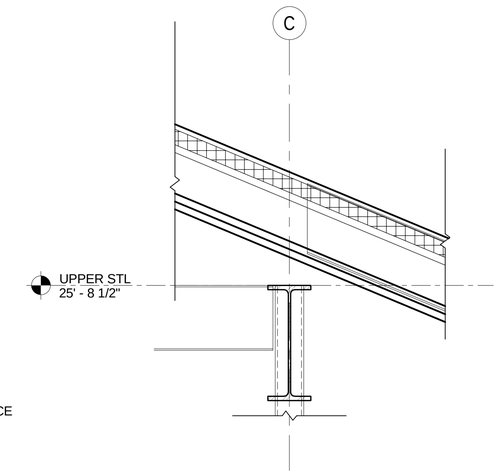


*TYPE T2 TRUSSES VARY IN SIZE AND ELEVATION AS INDICATED ON PLAN

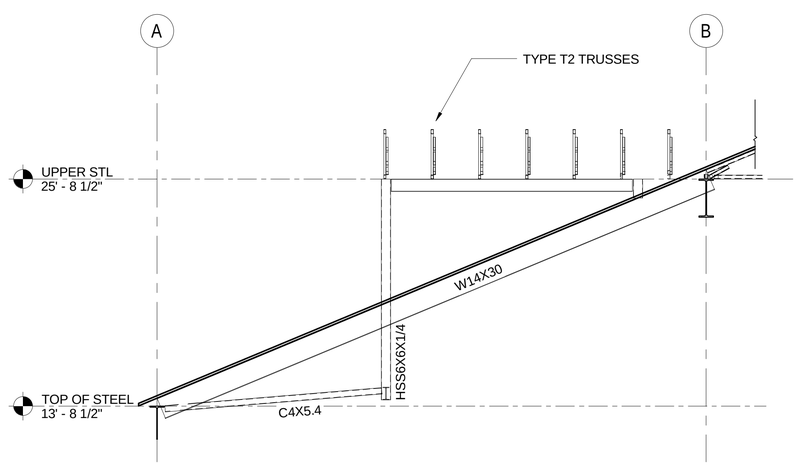
C1 TYPE T2 TRUSS
1/4" = 1'-0"



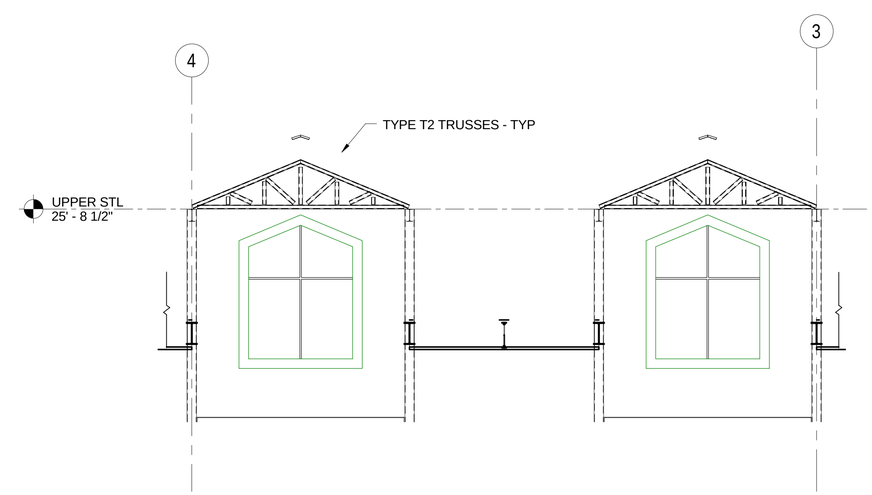
C3 TYP TRUSS OVERHANG
3/4" = 1'-0"



C5 TYPICAL SHEAR CONNECTION
3/4" = 1'-0"



A1 SECTION AT DORMER
1/4" = 1'-0"



A4 ELEVATION AT DORMERS
1/4" = 1'-0"

SCALE: 3/4"=1'-0"

SCALE: 1/4"=1'-0"

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

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

DESIGN BY: Designer
DRAWN BY: Author
SBMT BY: Approver
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CKD BY: Checker
PLOT DATE: 10/2/2012 8:07:11 AM
PLOT SCALE:
FILE NAME:
DATE: SEPTEMBER 12, 2012
SOLICITATION NO.: Enter Solicit #
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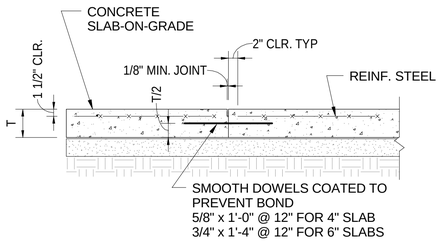
US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

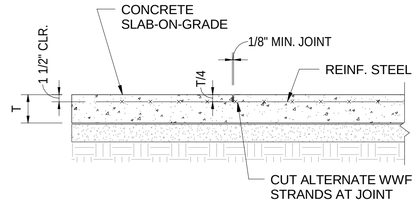
U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
ROOF FRAMING SECTIONS

SHEET IDENTIFICATION
S-302
SHEET OF 0

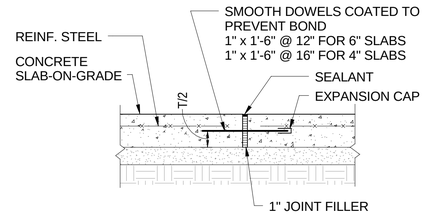
S-302-



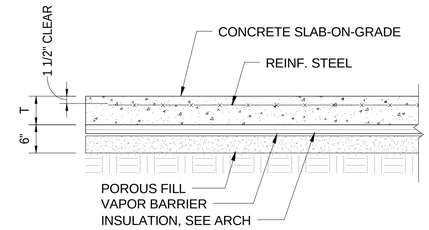
D1 CONSTRUCTION JOINT
NOT TO SCALE



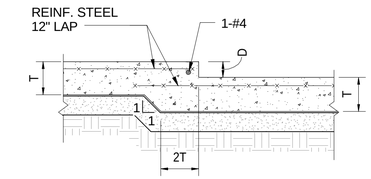
D2 CONTROL JOINT
NOT TO SCALE



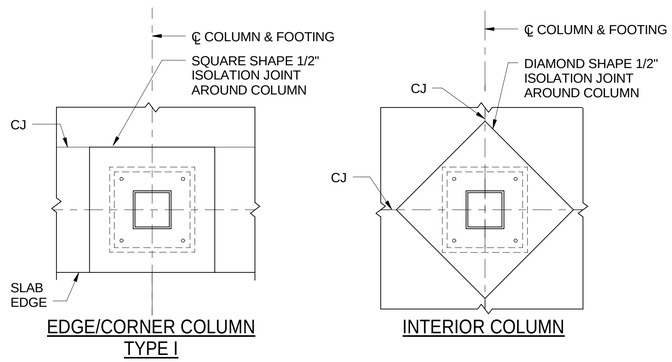
D3 EXPANSION JOINT
NOT TO SCALE



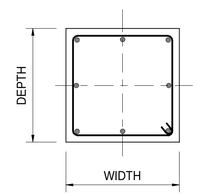
D4 TYPICAL SLAB-ON-GRADE
NOT TO SCALE



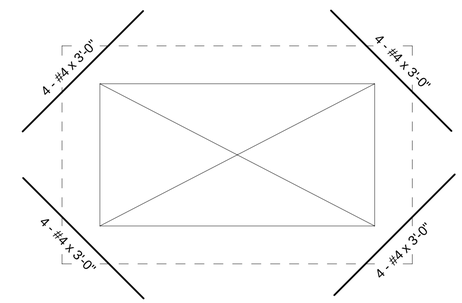
D5 TYPICAL SLAB DEPRESSION
NOT TO SCALE



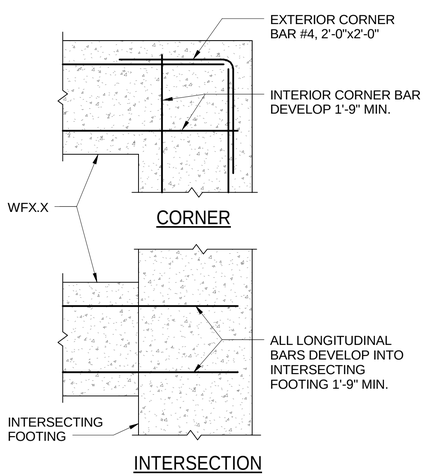
B1 SLAB ISOLATION JOINTS AT COLUMN BASE
NOT TO SCALE



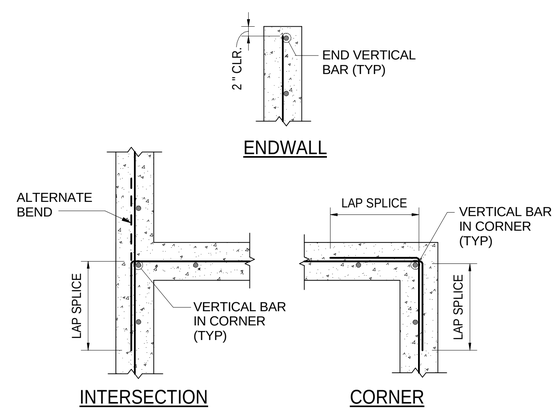
B3 PEDESTAL TYPE AND REINF LAYOUT
NOT TO SCALE



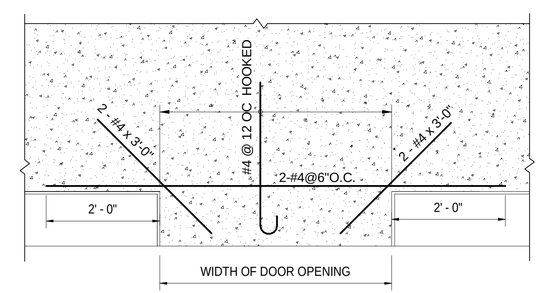
B4 SLAB REINFORCING AROUND OPENING
NOT TO SCALE



A1 TYPICAL REINFORCING AT FOOTING INTERSECTIONS
NOT TO SCALE



A3 TYPICAL SINGLE MAT REINFORCING IN CONCRETE WALLS
NOT TO SCALE



NOTE:
REINFORCING STEEL SHOWN IS IN ADDITION
TO TYPICAL SLAB REINFORCING STEEL.

A4 SLAB REINFORCING AT DOORWAY
NOT TO SCALE

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

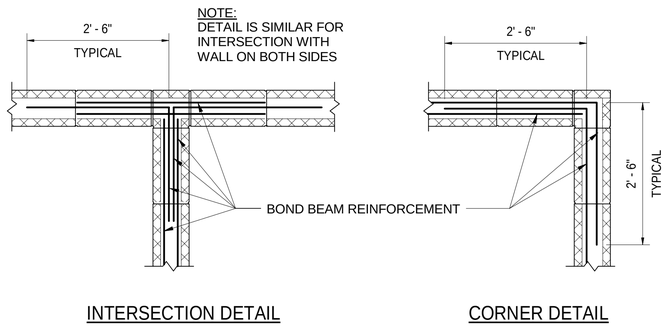
PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

DESIGN BY: Designer
DRAWN BY: Author
SBMT BY: Approver
PLOT SCALE:
SIZE: 22" x 34"
CKD BY: Checker
PLOT DATE: 10/2/2012 8:07:12 AM
FILE NAME:
DATE: SEPTEMBER 12, 2012
SOLICITATION NO.: Enter Solicit #
CONTRACT NO.: Enter Contract #
FILE NUMBER:

U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
TYPICAL STRUCTURAL DETAILS

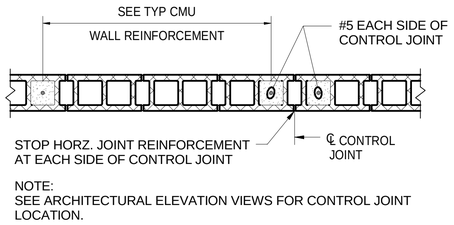
SHEET IDENTIFICATION
S-501
SHEET 0 OF 0

S-501-



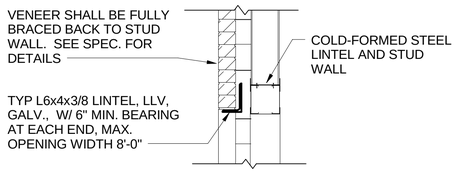
TYPICAL DETAIL AT BOND BEAM INTERSECTIONS

C1 NOT TO SCALE



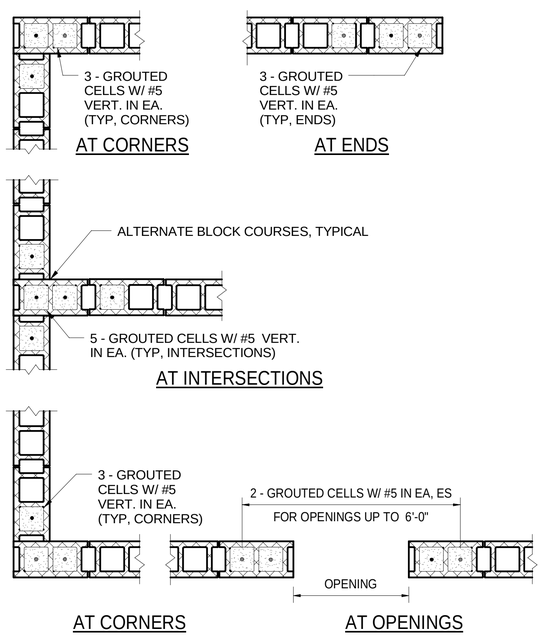
TYPICAL REINFORCING AT CONTROL JOINT

C3 NOT TO SCALE



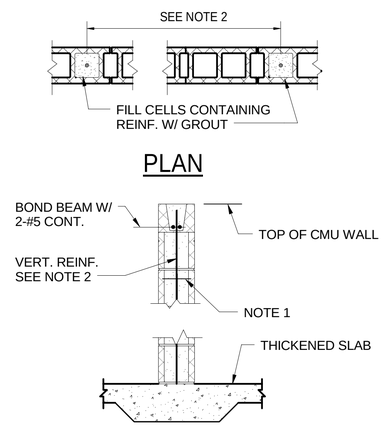
BRICK VENEER LINTEL

C4 NOT TO SCALE



TYPICAL REINFORCING AT CMU WALLS

A1 NOT TO SCALE



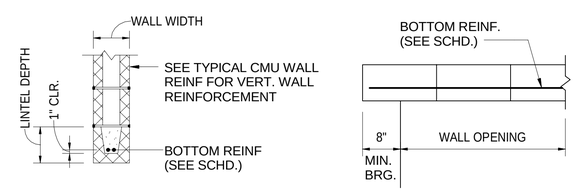
NOTES:

1. HORIZONTAL JOINT REINFORCEMENT SPACED AT 16" O.C. VERTICAL WITH 2-NO. 9 WIRE MINIMUM. PROVIDE ADDITIONAL HORIZONTAL JOINT REINFORCEMENT ONE COURSE ABOVE AND BELOW OPENINGS EXTENDING A MINIMUM OF 2'-0" BEYOND FACE OF OPENING ON EACH SIDE.

2. VERTICAL WALL REINFORCING:
   - 8" CMU — #5 @ 48" IN FILLED CELL
   - 10" CMU — #5 @ 48" IN FILLED CELL
   - 12" CMU — #5 @ 48" EF IN FILLED CELL

TYPICAL CMU WALL REINFORCEMENT

A3 NOT TO SCALE



NOTES:

1. FILL CMU CORE AT LINTEL BEARING WITH GROUT AND 1-#5 VERTICAL CONT. TYPICAL FULL HEIGHT FOR NON-LOAD-BEARING PARTITIONS.

2. FIELD CUT OPENINGS GREATER THAN 12". USE CMU LINTEL FOR OPENINGS UP TO 3'-0". USE L4x4x1/4, EACH SIDE OF THE WALL, WITH 8" BEARING EACH END.

LINTEL/SILL SCHEDULE

WALL OPENING	LINTEL DEPTH	REINFORCEMENT
UP TO 4'-0"	8"	2-#4 BOTTOM
4'-0" - 6'-0"	8"	2-#5 BOTTOM
6'-0" TO 8'-0"	16"	2-#5 BOTTOM
8'-0" TO 12'-0"	16"	2-#6 BOTTOM

TYPICAL MASONRY LINTEL

A4 NOT TO SCALE

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

DATE: SEPTEMBER 12, 2012
SOLICITATION NO.: Enter Solicit #
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FILE NUMBER:
DESIGN BY: Designer
DRAWN BY: Author
CKD BY: Checker
SBMT BY: Approver
PLOT DATE: 10/2/2012 8:07:13 AM
PLOT SCALE:
SIZE: 22" x 34"
FILE NAME:

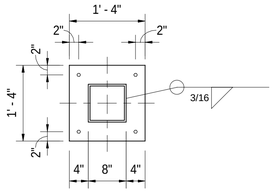
US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

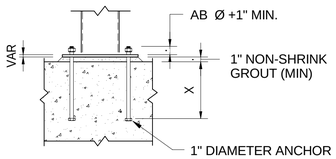
U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
TYPICAL STRUCTURAL DETAILS

SHEET IDENTIFICATION
S-502
SHEET 0 OF 0

S-502-



PLAN



ELEVATION

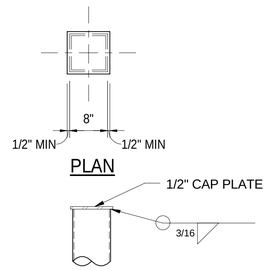
THE DIMENSION X IS A MINIMUM EMBEDMENT DEPTH AS FOLLOWS:

_____

_____

THE BASE PLATE THICKNESS IS _____

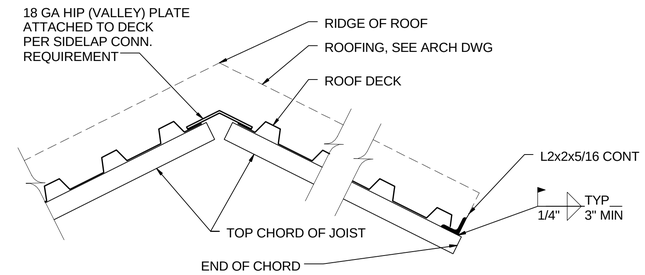
C1 COLUMN BASE PLATE DETAIL
NOT TO SCALE



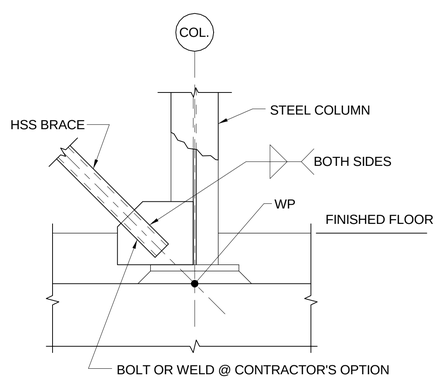
PLAN

ELEVATION

C2 COLUMN CAP PLATE DETAIL
NOT TO SCALE

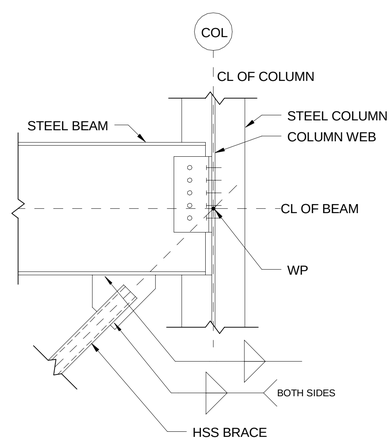


C4 ATTACHMENT AT EDGE OF STEEL DECK
NOT TO SCALE

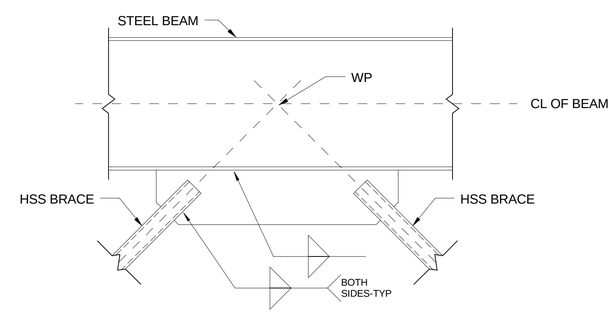


NOTE:
SEE BRACING ELEVATION AND SCHEDULE FOR BRACING SIZES AND LOADS.
DESIGN PIPE BRACE CONN. FOR AXIAL FORCES IN BRACE AS INDICATED.

A1 BRACED FRAME BASE CONNECTION
NOT TO SCALE



A2 BRACED FRAME CONNECTION
NOT TO SCALE



A4 BRACED FRAME CENTER CONNECTION
NOT TO SCALE

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

DESIGN BY: Designer
DRAWN BY: Author
SBMT BY: Approver
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SIZE: 22" x 34"
CKD BY: Checker
PLOT DATE: 10/22/2012 8:07:15 AM
FILE NAME:
DATE: SEPTEMBER 12, 2012
SOLICITATION NO.: Enter Solicit #
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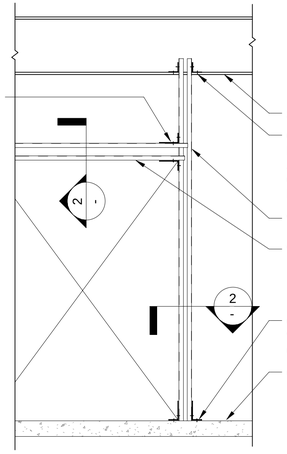
US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
TYPICAL STRUCTURAL DETAILS

SHEET IDENTIFICATION
S-503
SHEET OF 0

S-503-

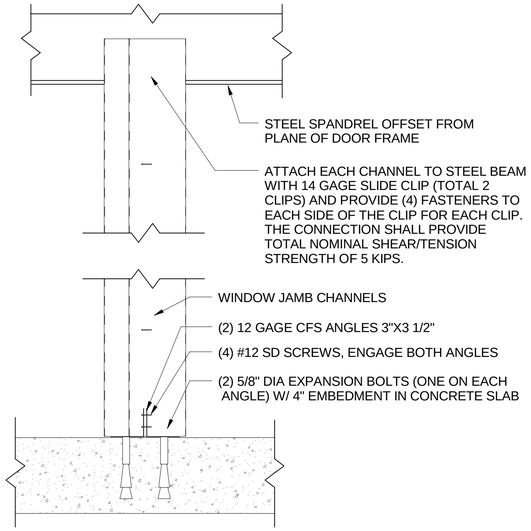


NOTES:

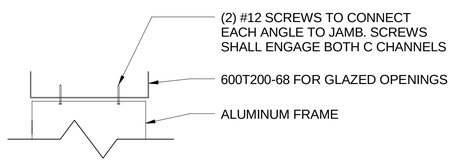
1. METAL STUD FRAMING SHOWN SHALL BE USED AT ALL EXTERIOR WINDOWS AND GLAZED DOORS (SEE ARCH DWG) TO COMPLY WITH ATFP STANDARDS ACCORDING TO UFC-4-010-01.

2. NOMENCLATURE CITED ABOVE IS BASED ON PRODUCT CATALOG OF THE STEEL NETWORK, INC. CONTRACTOR MAY EXCHANGE TO PRODUCT OF OTHER MANUFACTURE, PROVIDED IT SATISFIES THE LOAD CAPACITY LISTED ABOVE, AND IS APPROVED BY THE EOR.

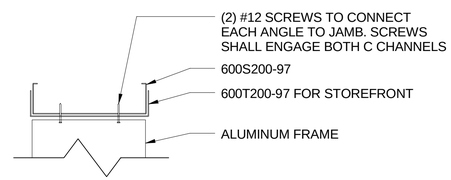
C2 STOREFRONT ELEVATION
NOT TO SCALE



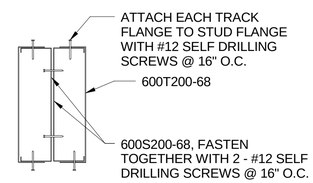
C4 ATFP WINDOW FRAME ELEVATION
NOT TO SCALE



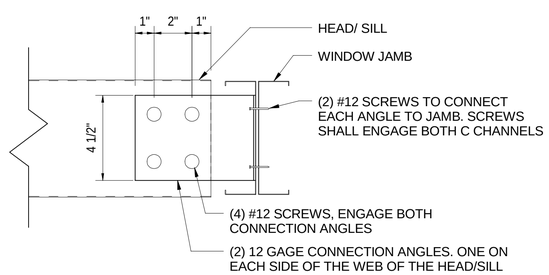
TYPICAL HEADER/SILL
NOT TO SCALE



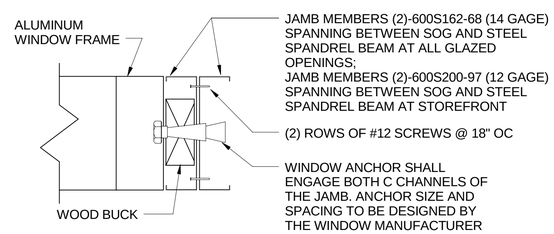
STOREFRONT HEADER/SILL
NOT TO SCALE



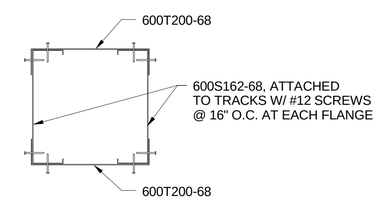
B5 STOREFRONT JAMB/HEADER
3" = 1'-0"



TYPICAL CONNECTION ON HEAD/SILL
NOT TO SCALE



TYPICAL WINDOW/STOREFRONT JAMB
NOT TO SCALE



A5 WINDOW HEADER / SILL
NOT TO SCALE

A2 COLD FORMED STEEL EXTERIOR WINDOW FRAME
NOT TO SCALE

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

DATE: SEPTEMBER 12, 2012
SOLICITATION NO.: Enter Solicit #
CONTRACT NO.: Enter Contract #
FILE NUMBER:
DESIGN BY: Designer
DRAWN BY: Author
CKD BY: Checker
SBMT BY: Approver
PLOT DATE: 10/2/2012, 8:07:15 AM
PLOT SCALE:
SIZE: 22" x 34"
FILE NAME:

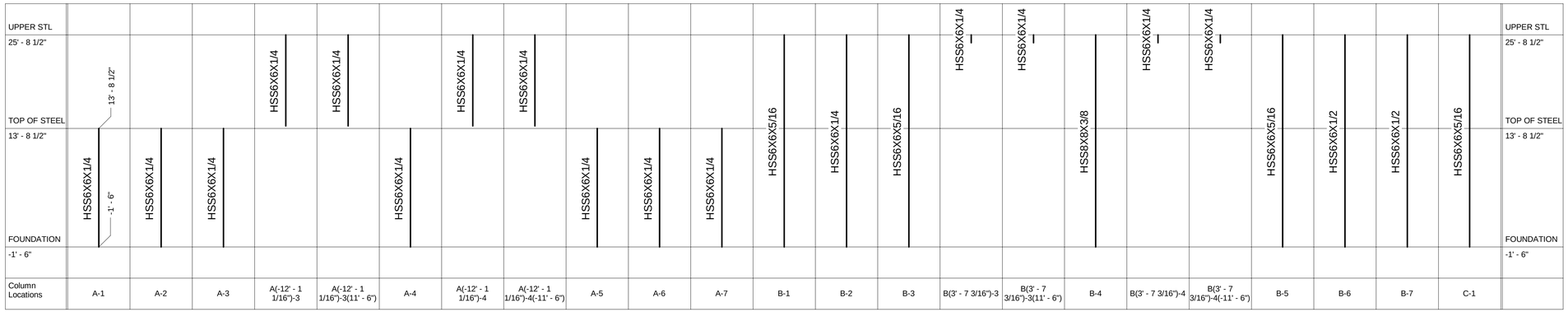
US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

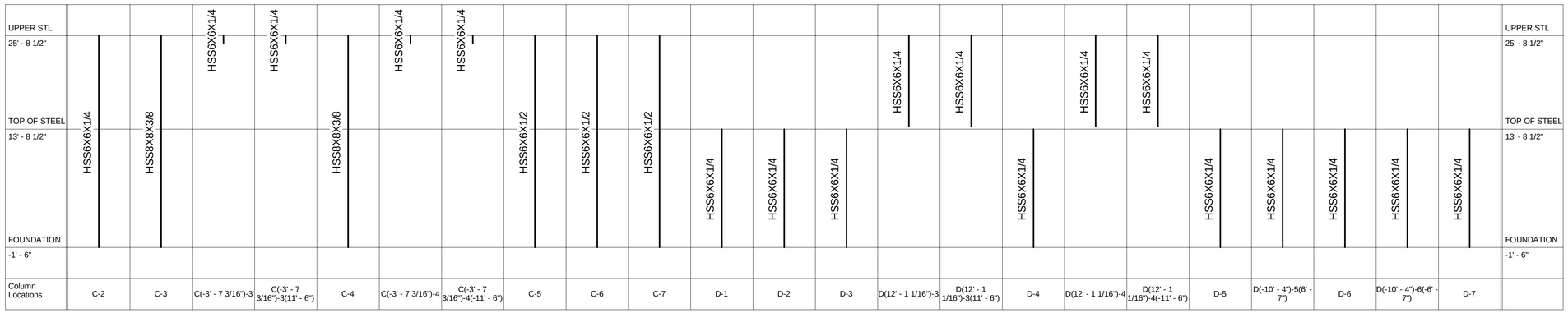
PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
TYPICAL ATFP STRUCTURAL DETAILS

SHEET IDENTIFICATION
S-504
SHEET 0 OF 0

S-504-





COLUMN FOOTING SCHEDULE

MARK	DIMENSIONS			REINFORCING				REMARKS
				A - BARS		B - BARS		
	WIDTH	LENGTH	DEPTH	QUANTITY	SIZE	QUANTITY	SIZE	
CF3.0	3' - 0"	3' - 0"	1' - 6"	4	4	4	4	
CF4.0	4' - 0"	4' - 0"	1' - 6"	4	5	4	5	
CF4.5	4' - 6"	4' - 6"	1' - 0"	4	5	4	5	
CF5.0	5' - 0"	5' - 0"	1' - 6"	7	4	7	4	

WALL FOOTING SCHEDULE

MARK	DIMENSIONS		REINFORCING				NOTES
			LONGITUDINAL		TRANSVERSE		
	WIDTH	DEPTH	QUANTITY	SIZE	SIZE	SPACING	
WF1.5	1' - 6"	1' - 0"	2	4	4	4' - 0"	
WF2.0	2' - 0"	1' - 6"	3	4	4	4' - 0"	

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

DESIGN BY: Designer
DRAWN BY: Author
SBMT BY: Approver
PLOT SCALE:
SIZE: 22" x 34"
DATE: SEPTEMBER 12, 2012
SOLICITATION NO.: Enter Solicit #
CONTRACT NO.: Enter Contract #
FILE NUMBER:
CKD BY: Checker
PLOT DATE: 10/2/2012 9:07:18 AM
FILE NAME:

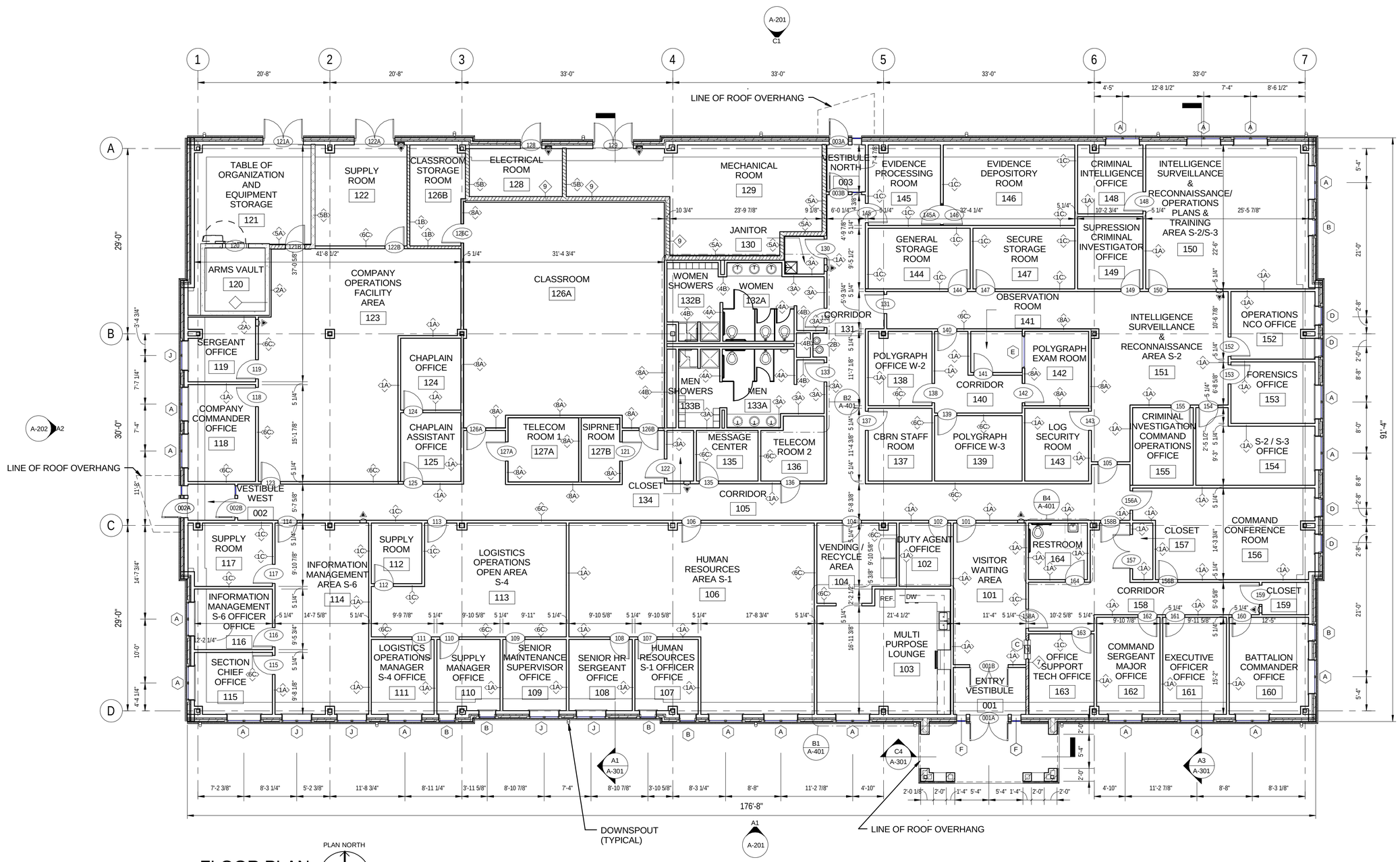
US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
SCHEDULES

SHEET IDENTIFICATION
S-601
SHEET 0 OF 0

S-601-



A1 FLOOR PLAN
1/8" = 1'-0"

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

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

DATE: SEPTEMBER 12, 2012
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER: 2326213 / 1208142
PLOT DATE: 11/2/2012, 11:01:31 AM
PLOT SCALE:
FILE NAME: file name
SIZE: 22" x 34"
DESIGN BY: Designer
DRAWN BY: Author
SBMT BY: Approver
CKD BY: Checker

US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

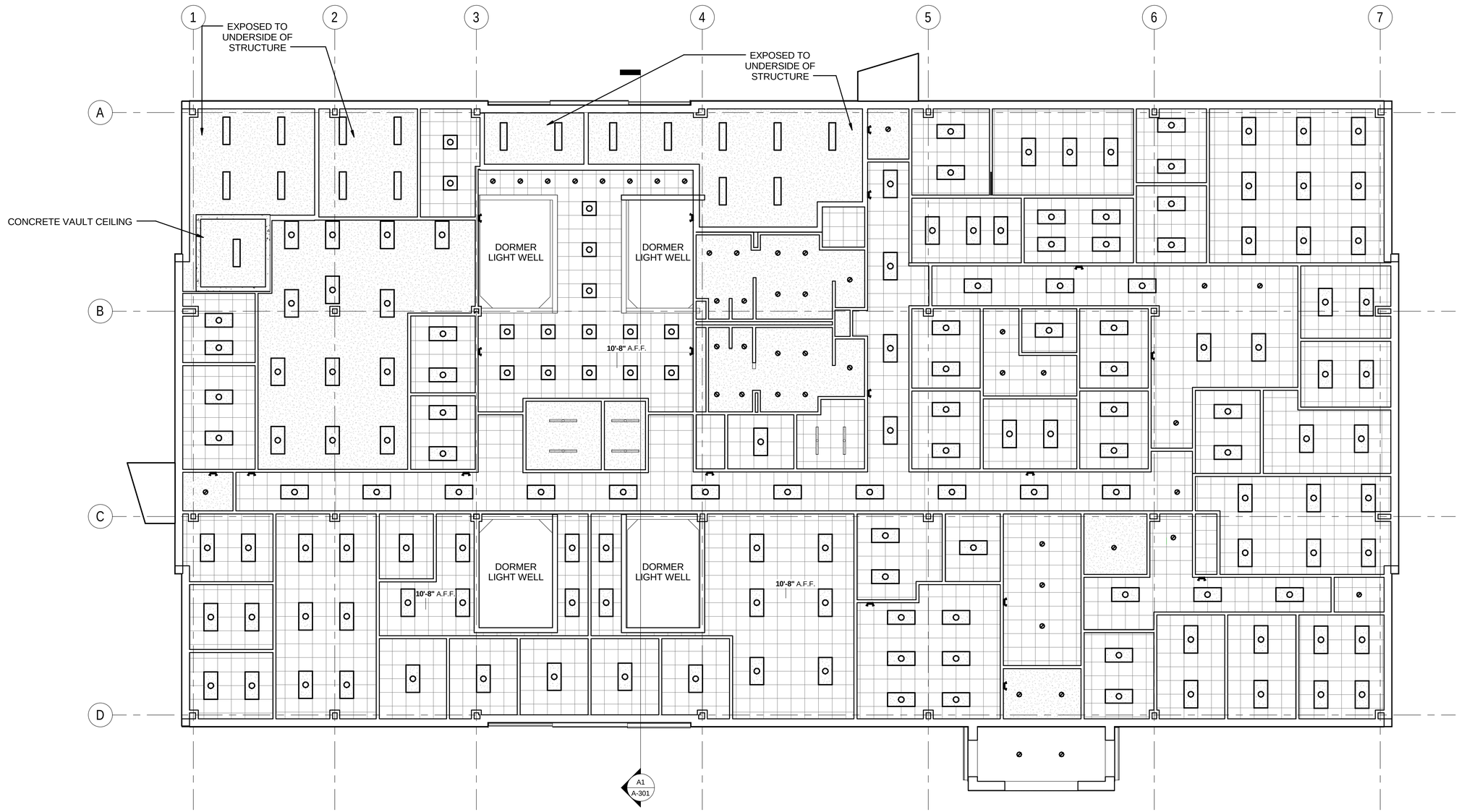
U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
FLOOR PLAN

SHEET IDENTIFICATION
A-101
SHEET OF 1

A L- A-101- XXX

1. UNLESS OTHERWISE NOTED CEILING HEIGHT SHALL BE 9' 0" A.F.F.

2. HVAC DIFFUSERS AND GRILLES AND SPRINKLER HEADS, ARE NOT SHOWN, DUE TO LEVEL OF COMPLETION OF WORK



FIRST FLOOR - REFLECTED CEILING PLAN

A1 1/8" = 1'-0"

PLAN NORTH

8 6 4 2 0 8 16

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

US Army Corps of Engineers ®

NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

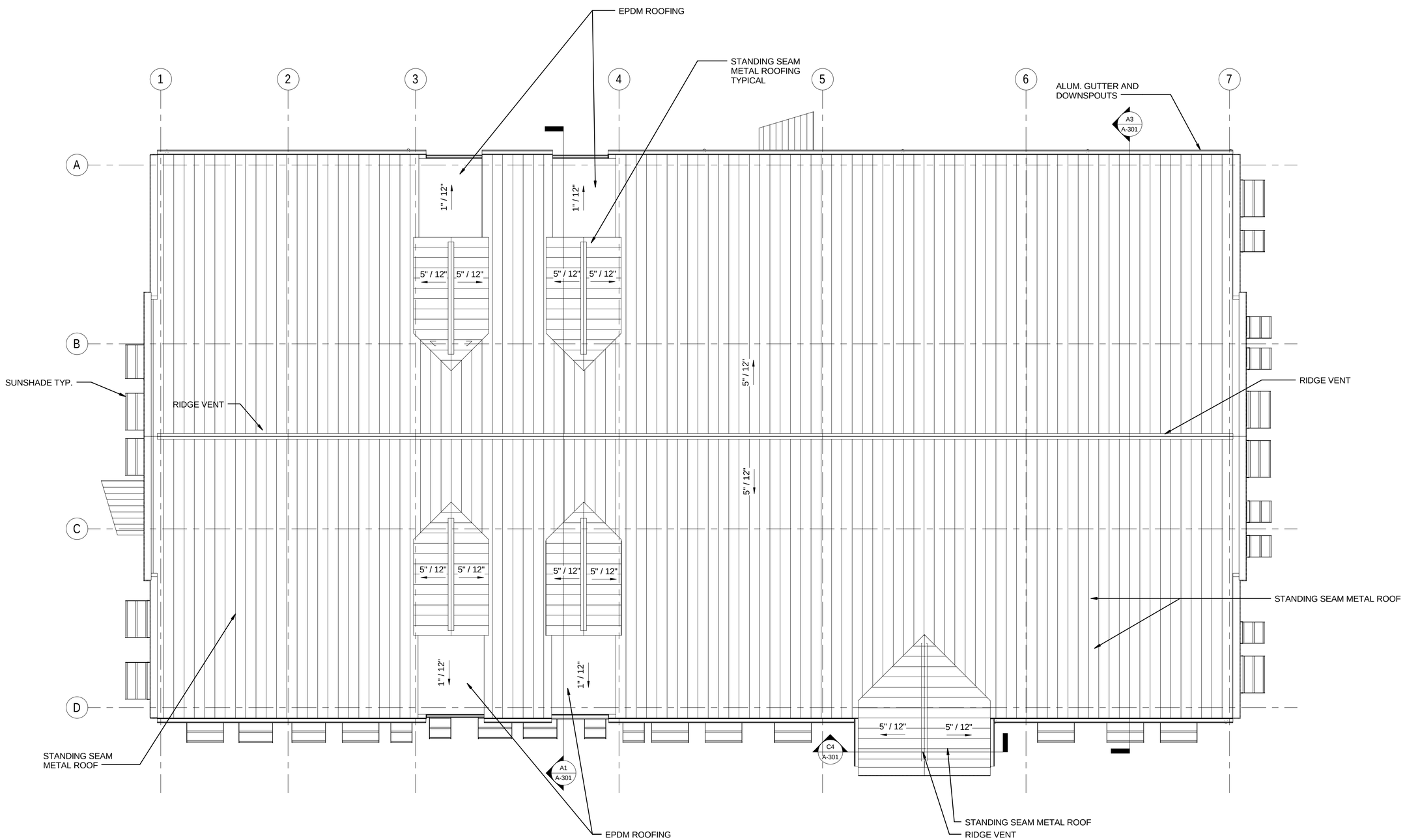
PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

DESIGN BY: Designer
DRAWN BY: Author
SBMT BY: Approver
PLOT SCALE: 1:1
SIZE: 22" x 34"
CKD BY: Checker
PLOT DATE: 11/2/2012 6:10:26 AM
FILE NAME:
DATE: SEPTEMBER 12, 2012
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
REFLECTED CEILING PLAN

SHEET IDENTIFICATION
A-102
SHEET OF 1

A A-102-



A1 ROOF PLAN
1/8" = 1'-0"

PLAN NORTH

8 6 4 2 0 8 16
SCALE: 1/8"=1'-0"

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

DESIGN BY: Designer
DRAWN BY: Author
SBMT BY: Approver
CKD BY: Checker
PLOT DATE: 11/2/2012 10:10:38 AM
PLOT SCALE:
SIZE: 22" x 34"
FILE NAME:
DATE: SEPTEMBER 12, 2012
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

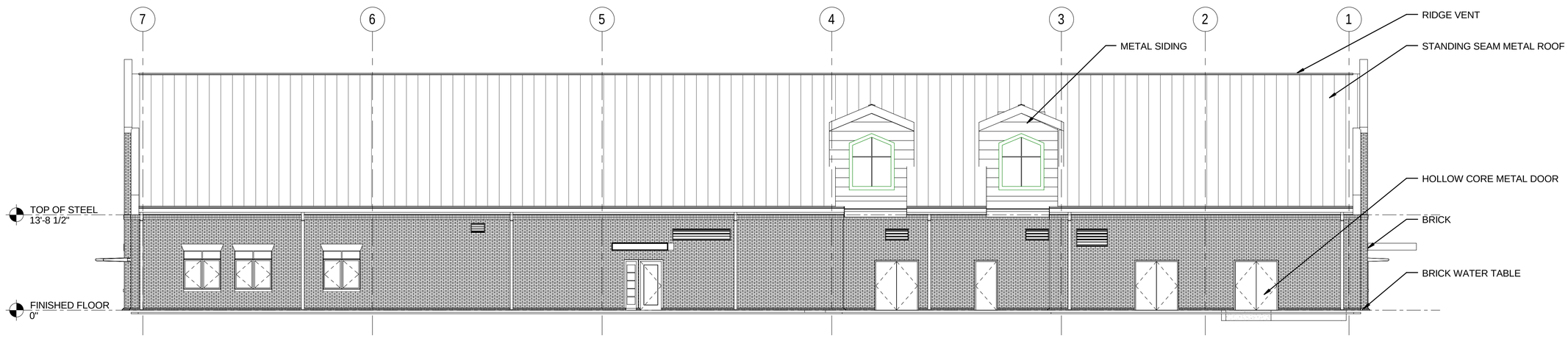
US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

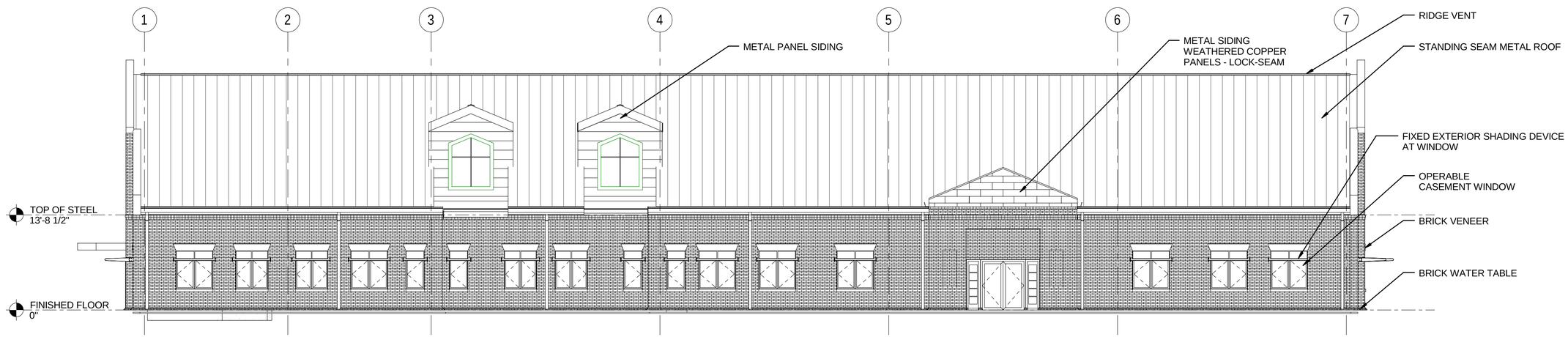
U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
ROOF PLAN

SHEET IDENTIFICATION
A-103
SHEET OF 1

A A-103-



C1 NORTH ELEVATION
1/8" = 1'-0"



A1 SOUTH ELEVATION
1/8" = 1'-0"

8 6 4 2 0 8 16
SCALE: 1/8"=1'-0"

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

DATE: SEPTEMBER 12, 2012
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
DESIGN BY: Designer
DRAWN BY: Author
CKD BY: Checker
SBMT BY: Approver
PLOT DATE: 11/2/2012, 11:01:41 AM
PLOT SCALE:
SIZE: 22" x 34"
FILE NAME:

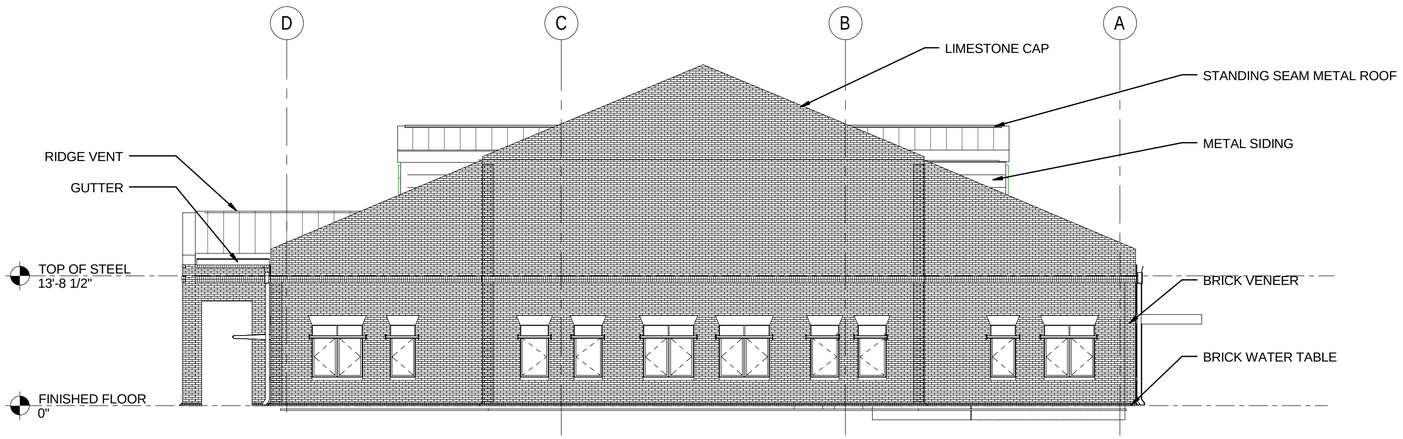
US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

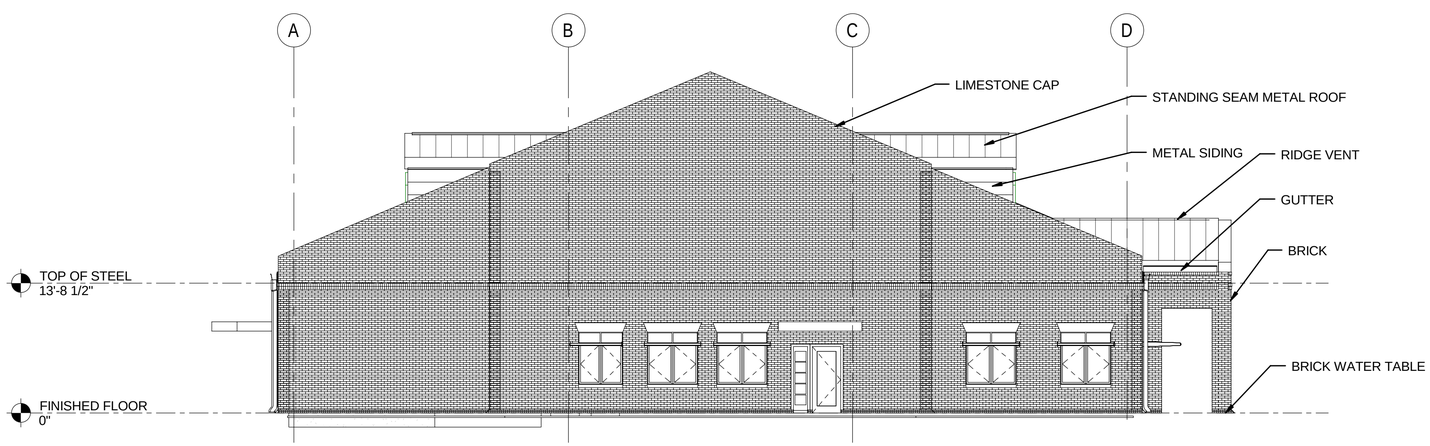
U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
NORTH AND SOUTH ELEVATIONS

SHEET IDENTIFICATION
A-201
SHEET OF 1

A A-201-



C2 EAST ELEVATION
1/8" = 1'-0"



A2 WEST ELEVATION
1/8" = 1'-0"

8 6 4 2 0 8 16
SCALE: 1/8"=1'-0"

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

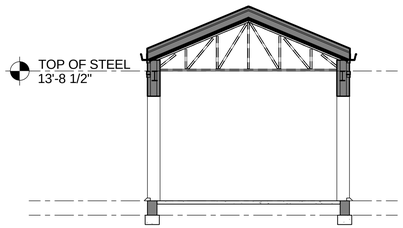
PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

DESIGN BY: Designer
DRAWN BY: Author
SBMT BY: Approver
PLOT SCALE:
SIZE: 22" x 34"
CKD BY: Checker
PLOT DATE: 11/2/2012 8:10:45 AM
FILE NAME:
DATE: SEPTEMBER 12, 2012
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

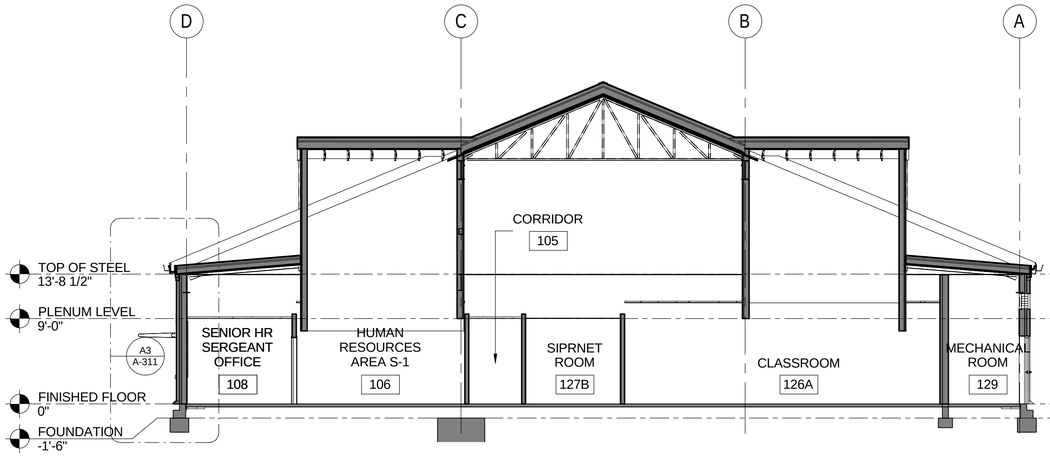
U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
EAST AND WEST ELEVATIONS

SHEET IDENTIFICATION
A-202
SHEET OF 1

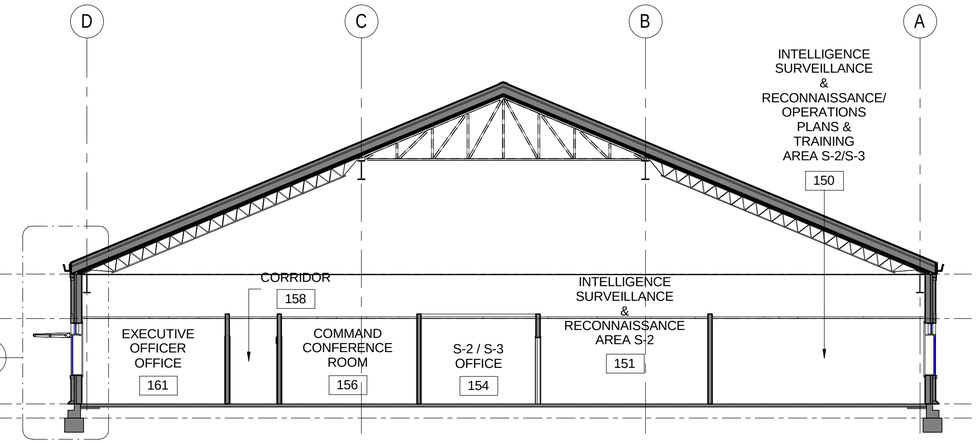
A-202-



C4 BUILDING SECTION - ENTRY
1/8" = 1'-0"



A1 BUILDING SECTION - DORMER
1/8" = 1'-0"



A3 TYPICAL BUILDING SECTION - TRANSVERSE
1/8" = 1'-0"

8 6 4 2 0 8 16
SCALE: 1/8"=1'-0"

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

DESIGN BY: Designer
DRAWN BY: Author
SBMT BY: Approver
PLOT SCALE:
SIZE: 22" x 34"
CKD BY: Checker
PLOT DATE: 11/2/2012 8:10:49 AM
FILE NAME:
DATE: SEPTEMBER 12, 2012
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

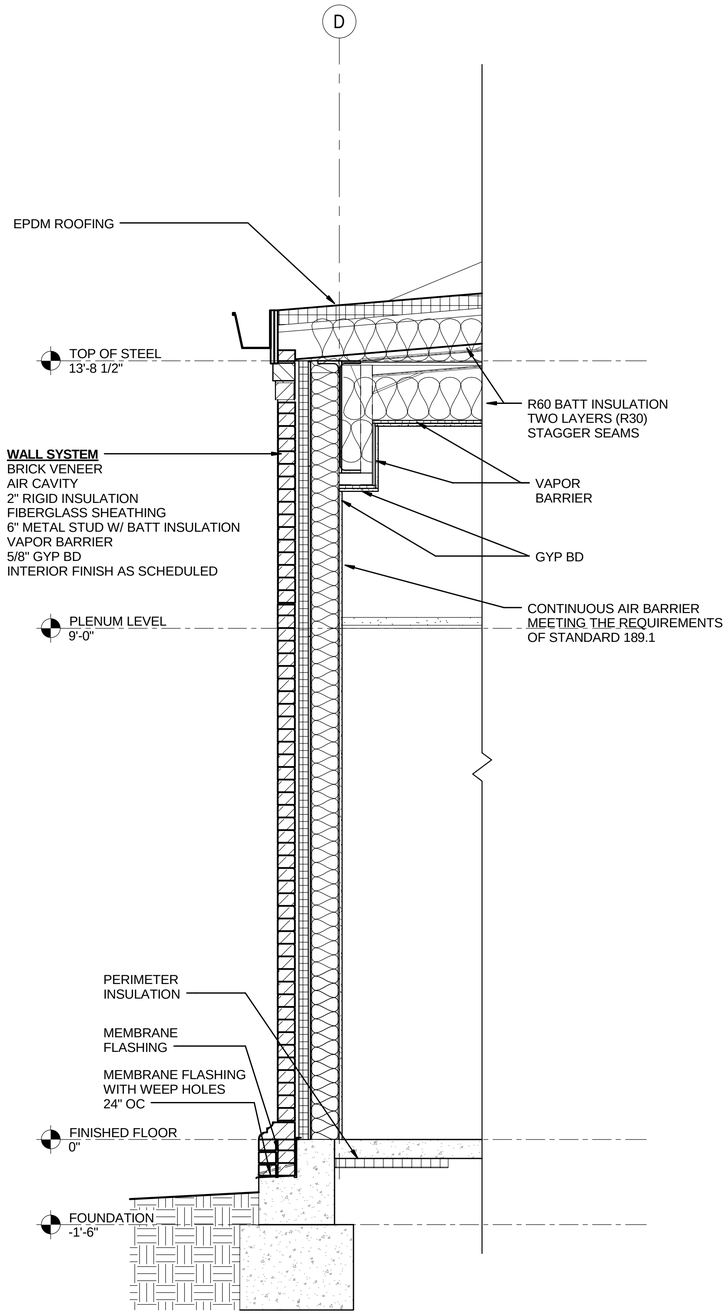
US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

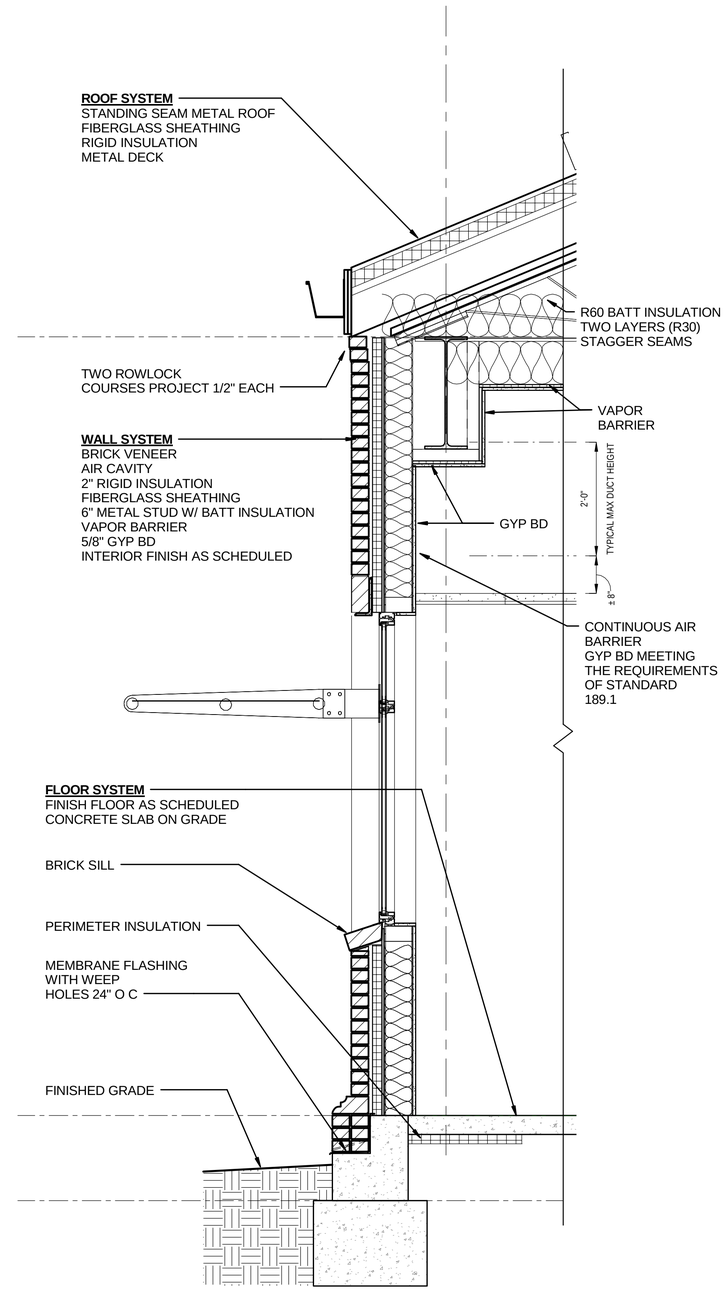
U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
BUILDING SECTIONS

SHEET IDENTIFICATION
A-301
SHEET OF 1

A-301-



A3 WALL SECTION
3/4" = 1'-0"



A5 TYPICAL WALL SECTION
3/4" = 1'-0"

2 1 0 2
SCALE: 3/4"=1'-0"

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

DESIGN BY: Designer
DRAWN BY: Author
SBMT BY: Approver
SIZE: 22" x 34"
CKD BY: Checker
PLOT DATE: 11/2/2012 9:12:50 AM
PLOT SCALE: 1
FILE NAME:
DATE: SEPTEMBER 12, 2012
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

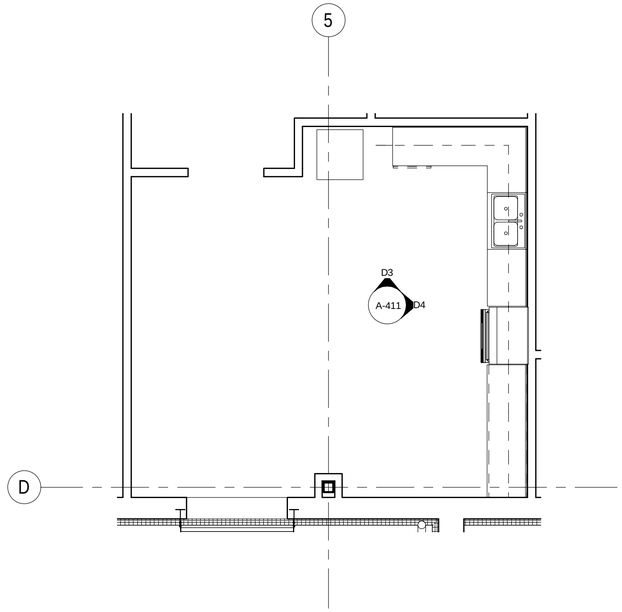
US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

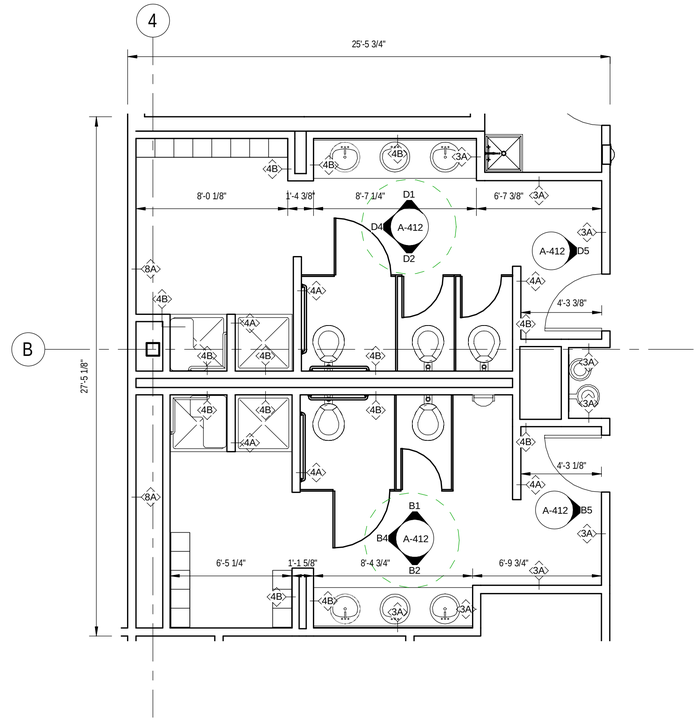
U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
WALL SECTIONS

SHEET IDENTIFICATION
A-311
SHEET OF 1

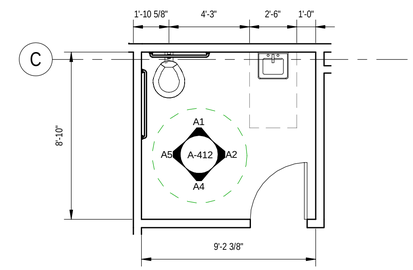
A A-311-



B1 ENLARGED PLAN - BREAK ROOM
1/4" = 1'-0"



B2 ENLARGED PLAN - MEN & WOMEN RESTROOMS
1/4" = 1'-0"



B4 ENLARGED PLAN - TOILET
1/4" = 1'-0"

4 3 2 1 0 4 8
SCALE: 1/4"=1'-0"

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

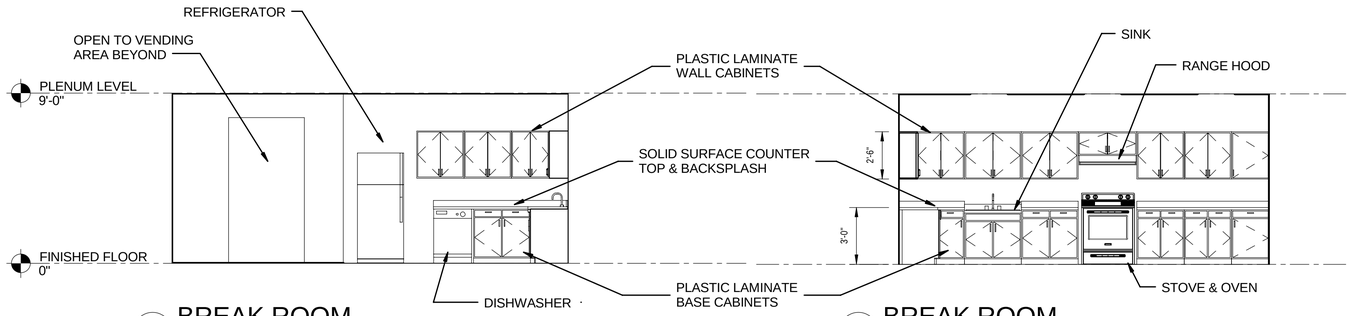
PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

DESIGN BY: Designer	DATE: SEPTEMBER 12, 2012
DRAWN BY: Author	CKD BY: Checker
SBMT BY: Approver	SOLICITATION NO.:
PLOT SCALE:	PLOT DATE: 11/2/2012 8:10:52 AM
	CONTRACT NO.:
SIZE: 22" x 34"	FILE NAME:
	FILE NUMBER:

U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
ENLARGED PLANS

SHEET IDENTIFICATION
A-401
SHEET OF 1

A-401-



D3 BREAK ROOM
1/4" = 1'-0"

D4 BREAK ROOM
1/4" = 1'-0"

4 3 2 1 0 4 8
SCALE: 1/4"=1'-0"

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

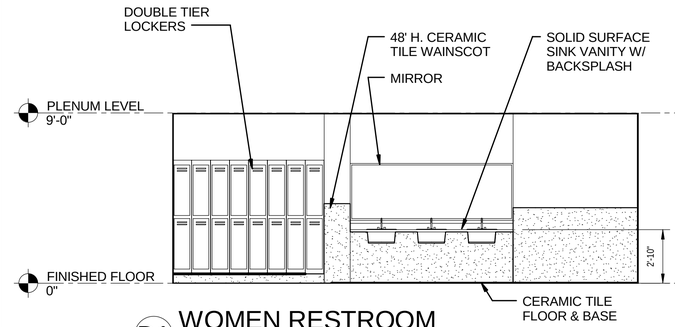
PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

DESIGN BY: Designer	DATE: SEPTEMBER 12, 2012
DRAWN BY: Author	CKD BY: Checker
SBMT BY: Approver	SOLICITATION NO.:
PLOT SCALE:	PLOT DATE: 11/2/2012 8:10:53 AM
	CONTRACT NO.:
SIZE: 22" x 34"	FILE NAME:
	FILE NUMBER:

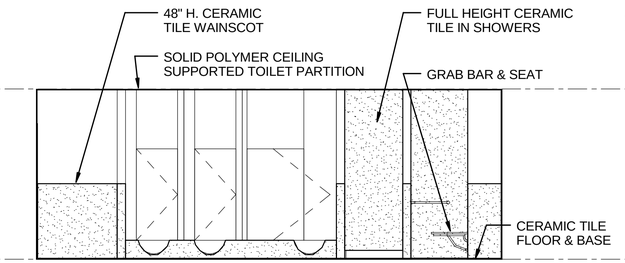
U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
INTERIOR ELEVATIONS

SHEET IDENTIFICATION
A-411
SHEET OF 1

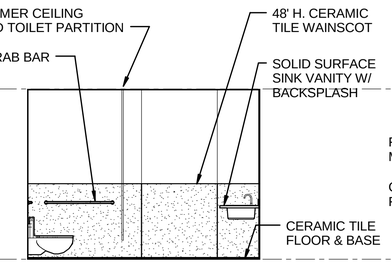
A-411-



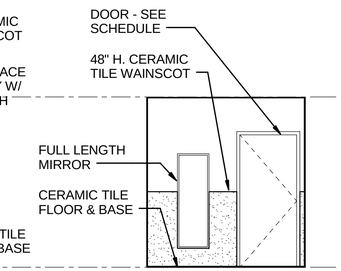
D1 WOMEN RESTROOM
1/4" = 1'-0"



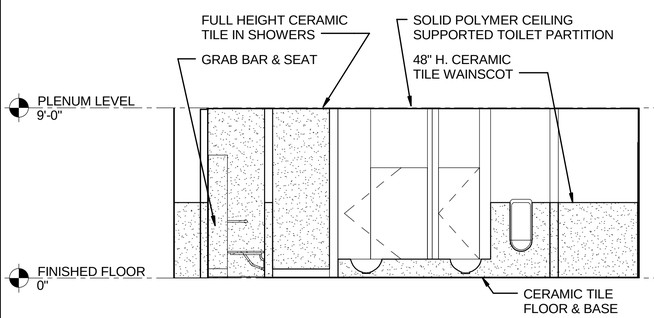
D2 WOMEN RESTROOM
1/4" = 1'-0"



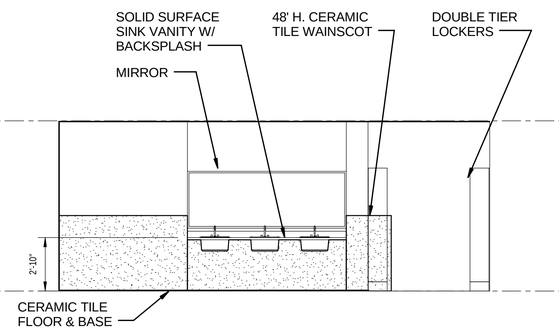
D4 WOMEN RESTROOM
1/4" = 1'-0"



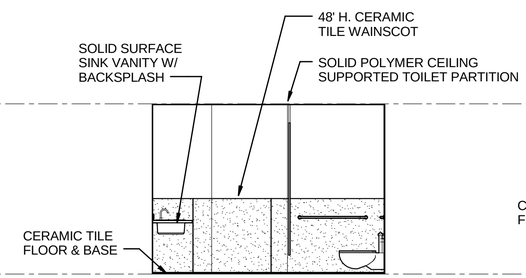
D5 WOMEN RESTROOM
1/4" = 1'-0"



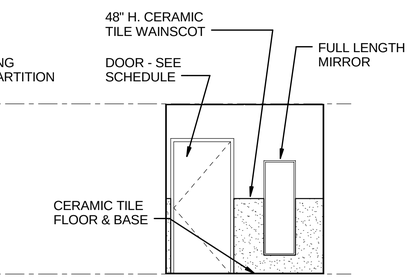
B1 MEN RESTROOM
1/4" = 1'-0"



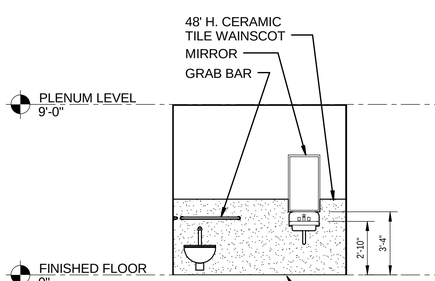
B2 MEN RESTROOM
1/4" = 1'-0"



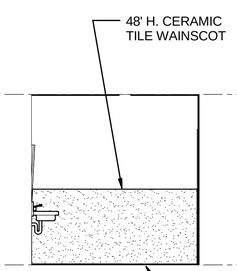
B4 MEN RESTROOM
1/4" = 1'-0"



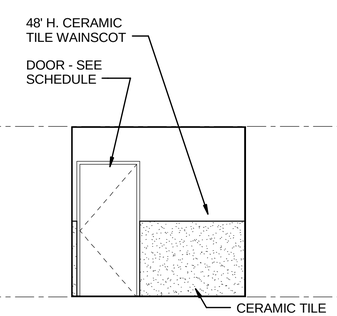
B5 MEN RESTROOM
1/4" = 1'-0"



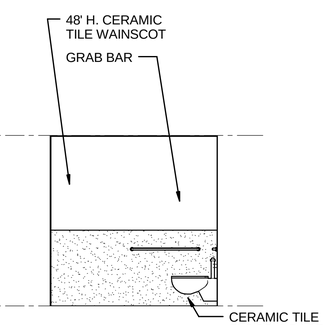
A1 TOILET
1/4" = 1'-0"



A2 TOILET
1/4" = 1'-0"



A4 TOILET
1/4" = 1'-0"



A5 TOILET
1/4" = 1'-0"

4 3 2 1 0 4 8
SCALE: 1/4"=1'-0"

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

DESIGN BY: Designer
DRAWN BY: Author
SBMT BY: Approver
PLOT SCALE:
SIZE: 22" x 34"
CKD BY: Checker
PLOT DATE: 11/7/2012 9:18:56 AM
FILE NAME:
DATE: SEPTEMBER 12, 2012
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

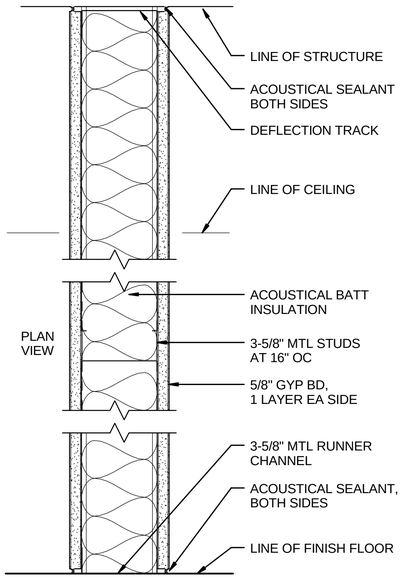
US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
INTERIOR ELEVATIONS

SHEET IDENTIFICATION
A-412
SHEET OF 1

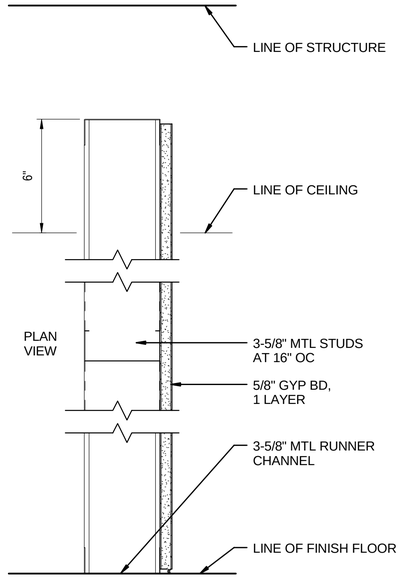
A-412



1A STC 45 RATED

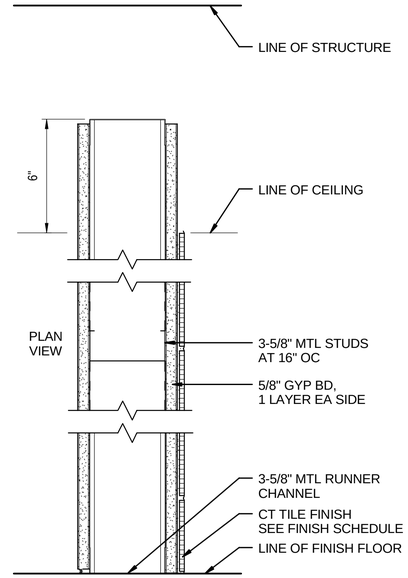
1B SMOKE RATED STC 45

1C SMOKE RATED OMIT ACOUSTICAL INSULATION



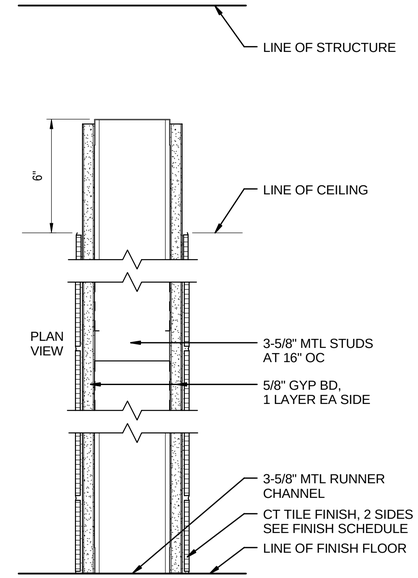
2A

2B IMPACT-RESISTANT GYP BD - ONE SIDE



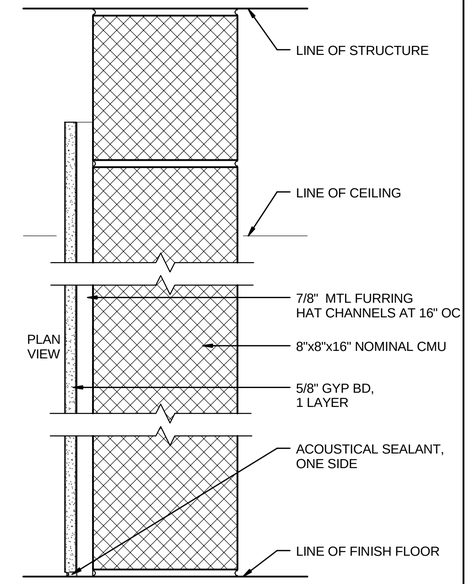
3A

3B IMPACT-RESISTANT GYP BD - ONE LAYER, OPPOSITE CERAMIC TILE (CT)



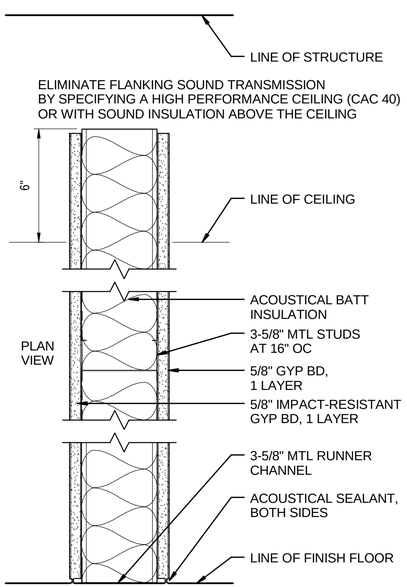
4A CT FINISH - BOTH SIDES

4B CT FINISH - ONE SIDE



5A EXTEND TO UNDERSIDE OF STRUCTURE - SMOKE RATED

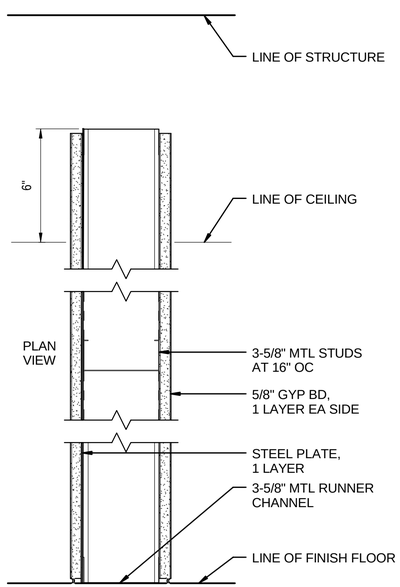
5B CMU ONLY EXTEND TO UNDERSIDE OF STRUCTURE - SMOKE RATED



6A STC 40

6B IMPACT-RESISTANT GYP BD - BOTH SIDES STC 40

6C OMIT IMPACT- RESISTANT GYP BD PROVIDE GYP BD BOTH SIDES STC 40



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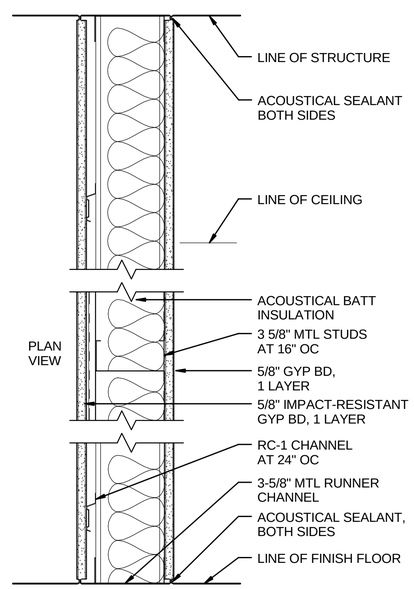
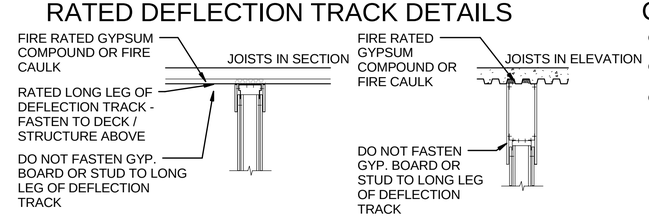


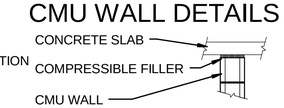
8A STC 50 RATED

8B STC 50 RATED OMIT IMPACT-RESISTANT GYP BD PROVIDE GYP BD BOTH SIDES

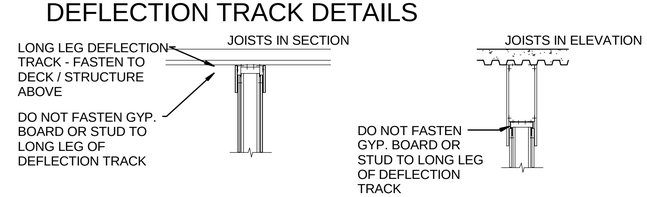
RATED DEFLECTION TRACK DETAILS



CMU WALL DETAILS



DEFLECTION TRACK DETAILS



A4 TYPICAL WALL DETAILS
NOT TO SCALE

NOTE: PARTITION TYPES NOT TO SCALE

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

DATE: SEPTEMBER 12, 2012
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
DESIGN BY: Designer
DRAWN BY: Author
SBMT BY: Approver
PLOT DATE: 11/2/2012 9:41:56 AM
PLOT SCALE:
SIZE: 22" x 34"
FILE NAME:

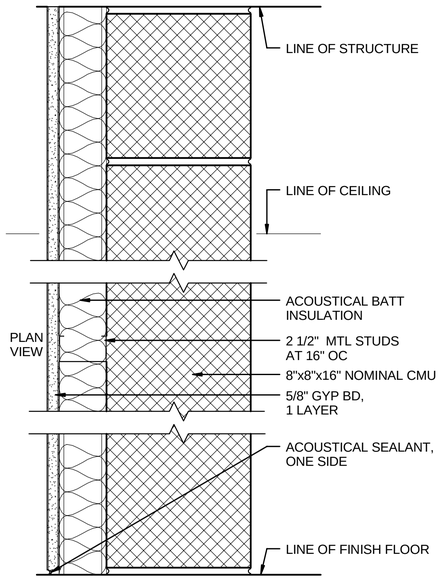
US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6135 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
PARTITION TYPES

SHEET IDENTIFICATION
A-601
SHEET OF 1

A A-601-



9 EXTEND TO UNDERSIDE OF STRUCTURE - SMOKE RATED STC 60

NOTE: PARTITION TYPE NOT TO SCALE

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

DESIGN BY: Designer
DRAWN BY: Author
SBMT BY: Approver
PLOT SCALE:
SIZE: 22" x 34"
CKD BY: Checker
PLOT DATE: 11/2/2012 8:10:59 AM
FILE NAME:
DATE: SEPTEMBER 12, 2012
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

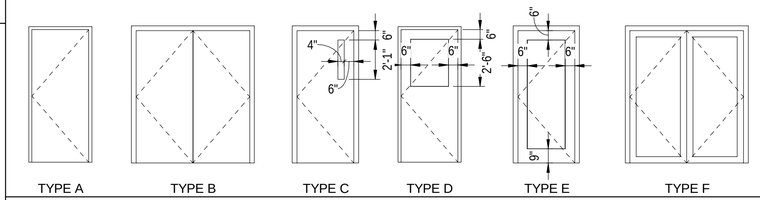
U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
PARTITION TYPES

SHEET IDENTIFICATION
A-602
SHEET OF 1

A A-602-

DOOR SCHEDULE

DOOR NUMBER	TYPE	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	DOOR SIZE THICKNESS	DOOR MATERIAL	DOOR FINISH	UNDER CUT	FIRE RATING	SOUND RATING	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	FRAME DETAILS HEAD	FRAME DETAILS JAMB	FRAME DETAILS SILL HEIGHT	HARDWARE SET	HARDWARE FUNCTION	COMMENTS
001A	F	6'-0"	7'-0"	2"	ALUMINUM	ANODIZED					ALUMINUM	ANODIZED			0"		F04 ENTRANCE OR OFFICE	
001B	F	6'-0"	7'-0"	2"	ALUMINUM	ANODIZED					ALUMINUM	ANODIZED			0"		F04 ENTRANCE OR OFFICE	
002A	E	3'-0"	7'-0"	2"	HM	PTD					HM	PTD			0"		CYPHER LOCK OR CARD ACCESS	
002B	E	3'-0"	7'-0"	2"	HM	PTD					HM	PTD			0"		F04 ENTRANCE OR OFFICE	
003A	E	3'-0"	7'-0"	2"	ALUMINUM	ANODIZED					ALUMINUM	ANODIZED			0"		CYPHER LOCK OR CARD ACCESS	
003B	E	3'-0"	7'-0"	2"	ALUMINUM	ANODIZED					ALUMINUM	ANODIZED			0"		F04 ENTRANCE OR OFFICE	
101	A	3'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		CYPHER LOCK OR CARD ACCESS	
102	A	3'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		F04 ENTRANCE OR OFFICE	
104	D	3'-0"	7'-0"	2"	HM	PTD					HM	PTD			0"		F01 PASSAGE	
105	C	3'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		F01 PASSAGE	
106	A	3'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		F04 ENTRANCE OR OFFICE	
107	A	3'-0"	7'-0"	1 3/4"	HM	PTD			STC 45		HM	PTD			0"		F04 ENTRANCE OR OFFICE	
108	A	3'-0"	7'-0"	1 3/4"	HM	PTD			STC 45		HM	PTD			0"		F04 ENTRANCE OR OFFICE	
109	A	3'-0"	7'-0"	1 3/4"	HM	PTD			STC 40		HM	PTD			0"		F04 ENTRANCE OR OFFICE	
110	A	3'-0"	7'-0"	1 3/4"	HM	PTD			STC 40		HM	PTD			0"		F04 ENTRANCE OR OFFICE	
111	A	3'-0"	7'-0"	1 3/4"	HM	PTD			STC 40		HM	PTD			0"		F04 ENTRANCE OR OFFICE	
112	A	3'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		F07 STOREROOM	CLOSER AND LOCKSET
113	A	3'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		F04 ENTRANCE OR OFFICE	
114	A	3'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		F04 ENTRANCE OR OFFICE	
115	A	3'-0"	7'-0"	1 3/4"	HM	PTD			STC 40		HM	PTD			0"		F04 ENTRANCE OR OFFICE	
116	A	3'-0"	7'-0"	1 3/4"	HM	PTD			STC 40		HM	PTD			0"		F04 ENTRANCE OR OFFICE	
117	A	3'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		F07 STOREROOM	CLOSER AND LOCKSET
118	A	3'-0"	7'-0"	1 3/4"	HM	PTD			STC 40		HM	PTD			0"		F04 ENTRANCE OR OFFICE	
119	A	3'-0"	7'-0"	1 3/4"	HM	PTD			STC 40		HM	PTD			0"		F04 ENTRANCE OR OFFICE	
120	- - -	3'-0"	6'-8"												0"			ARMS VAULT DOOR WITH INTERIOR DAY GATE
121	A	3'-0"	7'-0"	1 3/4"	HM	PTD			STC 50		HM	PTD			0"		SECURITY HARDWARE	
121A	B	6'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		F04 ENTRANCE OR OFFICE	
121B	A	3'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		F07 STOREROOM	CLOSER AND LOCKSET
122	A	3'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		F07 STOREROOM	
122A	B	6'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		F04 ENTRANCE OR OFFICE	
122B	A	3'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		F07 STOREROOM	
123	A	3'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		F04 ENTRANCE OR OFFICE	
124	A	3'-0"	7'-0"	1 3/4"	HM	PTD			STC 45		HM	PTD			0"		F04 ENTRANCE OR OFFICE	
125	A	3'-0"	7'-0"	1 3/4"	HM	PTD			STC 45		HM	PTD			0"		F04 ENTRANCE OR OFFICE	
126A	C	3'-0"	7'-0"	1 3/4"	HM	PTD			STC 45		HM	PTD			0"		F05 CLASSROOM	
126B	C	3'-0"	7'-0"	1 3/4"	HM	PTD			STC 45		HM	PTD			0"		F05 CLASSROOM	
126C	A	3'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		F07 STOREROOM	CLOSER AND LOCKSET
127A	A	3'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		F04 ENTRANCE OR OFFICE	
128	A	3'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		F04 ENTRANCE OR OFFICE	
129	B	6'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		F04 ENTRANCE OR OFFICE	
130	A	3'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		F07 STOREROOM	
131	C	3'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		F01 PASSAGE	
132	A	3'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		F01 PASSAGE	
133	A	3'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		F01 PASSAGE	
135	A	3'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		F04 ENTRANCE OR OFFICE	
136	A	3'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		F04 ENTRANCE OR OFFICE	
137	A	3'-0"	7'-0"	1 3/4"	HM	PTD			STC 40		HM	PTD			0"		F04 ENTRANCE OR OFFICE	
138	A	3'-0"	7'-0"	1 3/4"	HM	PTD			STC 40		HM	PTD			0"		F04 ENTRANCE OR OFFICE	
139	A	3'-0"	7'-0"	1 3/4"	HM	PTD			STC 40		HM	PTD			0"		F04 ENTRANCE OR OFFICE	
140	A	3'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		F01 PASSAGE	
141	A	3'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		F04 ENTRANCE OR OFFICE	
142	A	3'-0"	7'-0"	1 3/4"	HM	PTD			STC 50		HM	PTD			0"		F04 ENTRANCE OR OFFICE	
143	A	3'-0"	7'-0"	1 3/4"	HM	PTD			STC 40		HM	PTD			0"		F04 ENTRANCE OR OFFICE	
144	A	3'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		F07 STOREROOM	
145	A	3'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		SECURITY HARDWARE	CLOSER AND LOCKSET
145A	A	3'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		F07 STOREROOM	
146	A	3'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		F07 STOREROOM	CLOSER AND LOCKSET
147	A	3'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		SECURITY HARDWARE	
148	A	3'-0"	7'-0"	1 3/4"	HM	PTD			STC 40		HM	PTD			0"		SECURITY HARDWARE	
149	A	3'-0"	7'-0"	1 3/4"	HM	PTD			STC 40		HM	PTD			0"		F04 ENTRANCE OR OFFICE	
150	A	3'-0"	7'-0"	1 3/4"	HM	PTD			STC 40		HM	PTD			0"		F04 ENTRANCE OR OFFICE	
152	A	3'-0"	7'-0"	1 3/4"	HM	PTD			STC 40		HM	PTD			0"		F04 ENTRANCE OR OFFICE	
153	A	3'-0"	7'-0"	1 3/4"	HM	PTD			STC 40		HM	PTD			0"		F04 ENTRANCE OR OFFICE	
154	A	3'-0"	7'-0"	1 3/4"	HM	PTD			STC 40		HM	PTD			0"		F04 ENTRANCE OR OFFICE	
155	A	3'-0"	7'-0"	1 3/4"	HM	PTD			STC 40		HM	PTD			0"		F04 ENTRANCE OR OFFICE	
156A	A	3'-0"	7'-0"	1 3/4"	HM	PTD			STC 45		HM	PTD			0"		F04 ENTRANCE OR OFFICE	
156B	A	3'-0"	7'-0"	1 3/4"	HM	PTD			STC 45		HM	PTD			0"		F04 ENTRANCE OR OFFICE	
157	B	5'-4"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		F07 STOREROOM	
158A	A	3'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		CYPHER LOCK OR CARD ACCESS	
158B	A	3'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		F01 PASSAGE	
159	A	3'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		F07 STOREROOM	
160	A	3'-0"	7'-0"	1 3/4"	HM	PTD			STC 45		HM	PTD			0"		F04 ENTRANCE OR OFFICE	
161	A	3'-0"	7'-0"	1 3/4"	HM	PTD			STC 45		HM	PTD			0"		F04 ENTRANCE OR OFFICE	
162	A	3'-0"	7'-0"	1 3/4"	HM	PTD			STC 45		HM	PTD			0"		F04 ENTRANCE OR OFFICE	
163	A	3'-0"	7'-0"	1 3/4"	HM	PTD					HM	PTD			0"		F04 ENTRANCE OR OFFICE	
164	A	3'-0"	7'-0"	1 3/4"	HM	PTD			STC 45		HM	PTD			0"		F02 PRIVACY	



DOOR TYPES

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR
-	-	-	-

DATE: SEPTEMBER 12, 2012
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
DESIGN BY: Designer
DRAWN BY: Author
CKD BY: Checker
SBMT BY: Approver
PLOT DATE: 11/2/2012, 8:11:00 AM
PLOT SCALE:
SIZE: 22" x 34"
FILE NAME:

US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
DOOR SCHEDULE

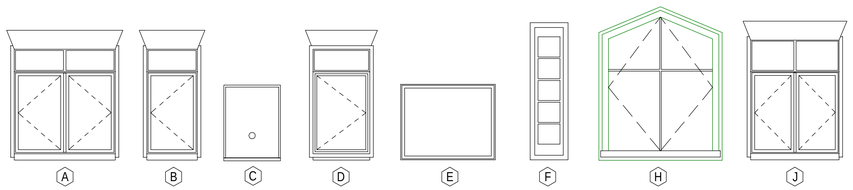
SHEET IDENTIFICATION
A-603
SHEET OF 1

A A-603-

WINDOW SCHEDULE

MARK	UNIT DIMENSIONS WIDTH	UNIT DIMENSIONS HEIGHT	TYPE	FRAME FINISH	FRAME MATERIAL	GLAZING TYPE	GLAZING THICKNESS	GLAZING SHGC	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	REMARKS (SEE NOTES BELOW)
A	5'-4"	4'-4"	Casement Dbl with fixed Dbl_Test	PTD	ALUM			0.25				
B	2'-8"	4'-4"	32x52 Single casement with single fixed_TEST	PTD	ALUM			0.25				
C	3'-0"	4'-0"	Windows-Transaction-Protective_Structures-Bullet_Resistant-Acrylic_Circular_Voice_Port	PTD	ALUM							
D	3'-0"	4'-4"	32x52 Single casement with single fixed_TEST	PTD	ALUM			0.25				
E	5'-0"	4'-0"	Window_Fixed	PTD	ALUM							
F	1'-6"	7'-0"	Sidelights 1	PTD	ALUM			0.25				SAFETY GLASS
H	5'-8"	6'-0"	Trapezoid Casement	PTD	ALUM			0.25				
J	4'-8"	4'-4"	Casement Dbl with fixed Dbl_Test	PTD	ALUM			0.25				

WINDOW TYPES



WINDOW DETAILS

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

DESIGN BY: Designer
DRAWN BY: Author
SBMT BY: Approver
SIZE: 22" x 34"
CKD BY: Checker
PLOT DATE: 11/2/2012 11:11:01 AM
PLOT SCALE:
FILE NAME:
DATE: SEPTEMBER 12, 2012
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
WINDOW SCHEDULE

SHEET IDENTIFICATION
A-604
SHEET OF 1

A A-604-

ROOM FINISH SCHEDULE

ROOM NO	ROOM NAME	WALL NORTH MAT'L	WALL NORTH FIN.	WALL EAST MAT'L	WALL EAST FIN.	WALL SOUTH MAT'L	WALL SOUTH FIN.	WALL WEST MAT'L	WALL WEST FIN.	BASE FINISH NORTH	BASE FINISH EAST	BASE FINISH SOUTH	BASE FINISH WEST	FLOOR MAT'L	FLOOR FIN.	CEILING MAT'L	CEILING FIN.	CEILING HEIGHT	NOTES & REMARKS (SEE NOTES)
001	ENTRY VESTIBULE	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	CT	CT	CT	CT	ENTRYWAY MAT SYS/CT		GYP BD	PTD	9'-0"	ENTRYWAY MAT SYS INCLUDES ABSORPTION + FINISHING SURFACES
002	VESTIBULE WEST	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	CT	CT	CT	CT	ENTRYWAY MAT SYS/CT		GYP BD	PTD	9'-0"	ENTRYWAY MAT SYS INCLUDES ABSORPTION + FINISHING SURFACES
003	VESTIBULE NORTH	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	CT	CT	CT	CT	ENTRYWAY MAT SYS/CT		GYP BD	PTD	9'-0"	ENTRYWAY MAT SYS INCLUDES ABSORPTION + FINISHING SURFACES
101	VISITOR WAITING AREA	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	CT	CT	CT	CT	CT		ACT	MFG STANDARD	9'-0"	WOOD CHAIR RAIL
102	DUTY AGENT OFFICE	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT	MFG STANDARD	9'-6"	
103	MULTI PURPOSE LOUNGE	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT FLOORING		ACT	MFG STANDARD	9'-6"	WOOD CHAIR RAIL
104	VENDING / RECYCLE AREA	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT FLOORING		ACT	MFG STANDARD	9'-0"	
105	CORRIDOR	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET TILE		ACT	MFG STANDARD	9'-6"	WOOD CHAIR RAIL
106	HUMAN RESOURCES AREA S-1	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT/GYP BD	MFG STANDARD/PTD	11'-6"	
107	HUMAN RESOURCES S-1 OFFICER OFFICE	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT	MFG STANDARD	9'-6"	
108	SENIOR HR SERGEANT OFFICE	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT	MFG STANDARD	9'-6"	
109	SENIOR MAINTENANCE SUPERVISOR OFFICE	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT	MFG STANDARD	9'-6"	
110	SUPPLY MANAGER OFFICE	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT	MFG STANDARD	9'-6"	
111	LOGISTICS OPERATIONS MANAGER S-4 OFFICE	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT	MFG STANDARD	9'-6"	
112	SUPPLY ROOM	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	SEALED CONC		ACT	MFG STANDARD	9'-0"	
113	LOGISTICS OPERATIONS OPEN AREA S-4	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT FLOORING		ACT/GYP BD	MFG STANDARD/PTD	12'-6"	
114	INFORMATION MANAGEMENT AREA S-6	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT	MFG STANDARD	9'-6"	
115	SECTION CHIEF OFFICE	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT	MFG STANDARD	9'-6"	
116	INFORMATION MANAGEMENT S-6 OFFICER OFFICE	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT	MFG STANDARD	9'-6"	
117	SUPPLY ROOM	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	SEALED CONC		ACT	MFG STANDARD	9'-6"	
118	COMPANY COMMANDER OFFICE	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT	MFG STANDARD	9'-6"	
119	SERGEANT OFFICE	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT	MFG STANDARD	9'-6"	
120	ARMS VAULT	CONC	PTD EPOXY	CONC	PTD EPOXY	CONC	PTD EPOXY	CONC	PT EPOXY	-	-	-	-	SEALED CONC		ACT	MFG STANDARD	9'-0"	
121	TABLE OF ORGANIZATION AND EQUIPMENT STORAGE	GYP BD	PTD EPOXY	CMU	PTD EPOXY	CMU/CONC	PTD EPOXY	GYP BD	PT EPOXY	EPOXY	EPOXY	EPOXY	EPOXY	SEALED CONC		EXPOSED STRUCTURE	-	13'-6"	
122	SUPPLY ROOM	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT FLOORING		ACT	MFG STANDARD	13'-6"	
123	COMPANY OPERATIONS FACILITY AREA	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT	MFG STANDARD	13'-6"	
124	CHAPLAIN OFFICE	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT	MFG STANDARD	9'-6"	
125	CHAPLAIN ASSISTANT OFFICE	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT	MFG STANDARD	9'-6"	
126A	CLASSROOM	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT/GYP BD	MFG STANDARD/PTD	12'-0"	WOOD CHAIR RAIL
126B	CLASSROOM STORAGE ROOM	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT FLOORING		ACT	MFG STANDARD	9'-6"	
127A	TELECOM ROOM 1	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	STATIC-CONTROL RESILIENT FLOORING		GYP BD	PTD	9'-0"	
127B	SIPRNET ROOM	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	STATIC-CONTROL RESILIENT FLOORING		GYP BD	PTD	9'-0"	
128	ELECTRICAL ROOM	GYP BD	PTD	CMU	PTD	CMU	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	SEALED CONC		EXPOSED STRUCTURE	-	13'-6"	
129	MECHANICAL ROOM	GYP BD	PTD	CMU	PTD	CMU	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	SEALED CONC		EXPOSED STRUCTURE	-	13'-6"	
130	JANITOR	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	CT	CT	CT	CT	CT		WATER RESISTENT GYP BD	PTD	9'-0"	
131	CORRIDOR	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET TILE		ACT	MFG STANDARD	9'-6"	WOOD CHAIR RAIL
132A	WOMEN	GYP BD	CT/PTD	GYP BD	CT/PTD	GYP BD	CT/PTD	GYP BD	CT/PTD	CT	CT	CT	CT	CT		WATER RESISTENT GYP BD	PTD	9'-0"	
132B	WOMEN SHOWERS	GYP BD	CT/PTD	GYP BD	CT/PTD	GYP BD	CT/PTD	GYP BD	CT	CT	CT	CT	CT	CT		WATER RESISTENT GYP BD	PTD	9'-0"	
133A	MEN	GYP BD	CT/PTD	GYP BD	CT/PTD	GYP BD	CT/PTD	GYP BD	CT/PTD	CT	CT	CT	CT	CT		WATER RESISTENT GYP BD	PTD	9'-0"	
133B	MEN SHOWERS	GYP BD	CT/PTD	GYP BD	CT/PTD	GYP BD	CT/PTD	GYP BD	CT	CT	CT	CT	CT	CT		WATER RESISTENT GYP BD	PTD	9'-0"	
134	CLOSET	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT FLOORING		ACT	MFG STANDARD	9'-0"	
135	MESSAGE CENTER	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT FLOORING		ACT	MFG STANDARD	9'-6"	

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK | DESCRIPTION | DATE | APPR.

DATE: SEPTEMBER 12, 2012
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
DESIGN BY: Designer
DRAWN BY: Author
CKD BY: Checker
SBMT BY: Approver
PLOT DATE: 11/2/2012 11:11:02 AM
PLOT SCALE:
SIZE: 22" x 34"
FILE NAME:

US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
FINISH SCHEDULE

SHEET IDENTIFICATION
A-605
SHEET OF 1

ROOM FINISH SCHEDULE

ROOM NO	ROOM NAME	WALL								BASE FINISH				FLOOR		CEILING			NOTES & REMARKS (SEE NOTES)
		NORTH		EAST		SOUTH		WEST											
		MAT'L	FIN.	MAT'L	FIN.	MAT'L	FIN.	MAT'L	FIN.	NORTH	EAST	SOUTH	WEST	MAT'L	FIN.	MAT'L	FIN.	HEIGHT	
136	TELECOM ROOM 2	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD		PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	STATIC-CONTROL RESILIENT FLOORING		GYP BD	PTD	9'-0"	
137	CBRN STAFF ROOM	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD		PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT	MFG STANDARD	9'-6"	
138	POLYGRAPH OFFICE W-2	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT	MFG STANDARD	9'-6"	
139	POLYGRAPH OFFICE W-3	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT	MFG STANDARD	9'-6"	
140	CORRIDOR	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT	MFG STANDARD	9'-0"	
141	OBSERVATION ROOM	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT	MFG STANDARD	9'-6"	
142	POLYGRAPH EXAM ROOM	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT	MFG STANDARD	9'-6"	
143	LOG SECURITY ROOM	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT	MFG STANDARD	9'-6"	
144	GENERAL STORAGE ROOM	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT FLOORING		ACT	MFG STANDARD	9'-6"	
145	EVIDENCE PROCESSING ROOM	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	EPOXY	EPOXY	EPOXY	EPOXY	CONCRETE	EPOXY	ACT	MFG STANDARD	9'-6"	
146	EVIDENCE DEPOSITORY ROOM	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT FLOORING		ACT	MFG STANDARD	9'-6"	
147	SECURE STORAGE ROOM	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT FLOORING		ACT	MFG STANDARD	10'-0"	
148	CRIMINAL INTELLIGENCE OFFICE	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT	MFG STANDARD	9'-6"	
149	SUPRESSION CRIMINAL INVESTIGATOR OFFICE	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT	MFG STANDARD	9'-6"	
150	INTELLIGENCE SURVEILLANCE & RECONNAISSANCE/ OPERATIONS PLANS & TRAINING AREA S-2/S-3	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT	MFG STANDARD	9'-6"	
151	INTELLIGENCE SURVEILLANCE & RECONNAISSANCE AREA S-2	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET TILE		ACT	MFG STANDARD	9'-6"	WOOD CHAIR RAIL
152	OPERATIONS NCO OFFICE	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT	MFG STANDARD	9'-6"	
153	FORENSICS OFFICE	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT	MFG STANDARD	9'-6"	
154	S-2 / S-3 OFFICE	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT	MFG STANDARD	9'-6"	
155	CRIMINAL INVESTIGATION COMMAND OPERATIONS OFFICE	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT	MFG STANDARD	9'-6"	
156	COMMAND CONFERENCE ROOM	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	WOOD BASE	WOOD BASE	WOOD BASE	WOOD BASE	CARPET		ACT	MFG STANDARD	9'-6"	WOOD CHAIR RAIL
157	CLOSET	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET TILE		ACT	MFG STANDARD	9'-0"	
158	CORRIDOR	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET TILE		ACT	MFG STANDARD	9'-6"	WOOD CHAIR RAIL
159	CLOSET	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET TILE		ACT	MFG STANDARD	9'-0"	
160	BATTALION COMMANDER OFFICE	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT	MFG STANDARD	10'-0"	
161	EXECUTIVE OFFICER OFFICE	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT	MFG STANDARD	9'-6"	
162	COMMAND SERGEANT MAJOR OFFICE	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT	MFG STANDARD	9'-6"	
163	OFFICE SUPPORT TECH OFFICE	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	GYP BD	PTD	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	RESILIENT WALL BASE	CARPET		ACT	MFG STANDARD	9'-6"	
164	RESTROOM	GYP BD	CT/PTD	GYP BD	CT/PTD	GYP BD	CT/PTD	GYP BD	CT/PTD	CT	CT	CT	CT	CT		WATER RESISTENT GYP BD	PTD	9'-0"	

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

DATE: SEPTEMBER 12, 2012
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
DESIGN BY: Designer
DRAWN BY: Author
SBMT BY: Approver
CKD BY: Checker
PLOT DATE: 11/2/2012 8:11:00 AM
PLOT SCALE:
SIZE: 22" x 34"
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US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

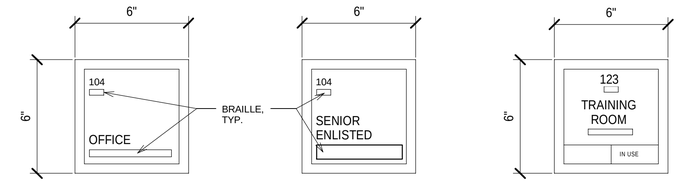
PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
FINISH SCHEDULE

SHEET IDENTIFICATION
A-606
SHEET OF 1

SIGNAGE SCHEDULE

NUMBER	NAME	TYPE OF SIGNS	QUANTITY OF SIGNS	MESSAGE OF SIGNS	COMMENTS
001	ENTRY VESTIBULE				
002	VESTIBULE WEST				
003	VESTIBULE NORTH				
101	VISITOR WAITING AREA				
102	DUTY AGENT OFFICE				
103	MULTI PURPOSE LOUNGE				
104	VENDING / RECYCLE AREA				
105	CORRIDOR				
106	HUMAN RESOURCES AREA S-1				
107	HUMAN RESOURCES S-1 OFFICER OFFICE				
108	SENIOR HR SERGEANT OFFICE				
109	SENIOR MAINTENANCE SUPERVISOR OFFICE				
110	SUPPLY MANAGER OFFICE				
111	LOGISTICS OPERATIONS MANAGER S-4 OFFICE				
112	SUPPLY ROOM				
113	LOGISTICS OPERATIONS OPEN AREA S-4				
114	INFORMATION MANAGEMENT AREA S-6				
115	SECTION CHIEF OFFICE				
116	INFORMATION MANAGEMENT S-6 OFFICER OFFICE				
117	SUPPLY ROOM				
118	COMPANY COMMANDER OFFICE				
119	SERGEANT OFFICE				
120	ARMS VAULT				
121	TABLE OF ORGANIZATION AND EQUIPMENT STORAGE				
122	SUPPLY ROOM				
123	COMPANY OPERATIONS FACILITY AREA				
124	CHAPLAIN OFFICE				
125	CHAPLAIN ASSISTANT OFFICE				
126A	CLASSROOM				
126B	CLASSROOM STORAGE ROOM				
127A	TELECOM ROOM 1				
127B	SIPRNET ROOM				
128	ELECTRICAL ROOM				
129	MECHANICAL ROOM				
130	JANITOR				
131	CORRIDOR				
132A	WOMEN				
132B	WOMEN SHOWERS				
133A	MEN				
133B	MEN SHOWERS				
134	CLOSET				
135	MESSAGE CENTER				
136	TELECOM ROOM 2				
137	CBRN STAFF ROOM				
138	POLYGRAPH OFFICE W-2				
139	POLYGRAPH OFFICE W-3				
140	CORRIDOR				
141	OBSERVATION ROOM				
142	POLYGRAPH EXAM ROOM				
143	LOG SECURITY ROOM				
144	GENERAL STORAGE ROOM				
145	EVIDENCE PROCESSING ROOM				
146	EVIDENCE DEPOSITORY ROOM				
147	SECURE STORAGE ROOM				
148	CRIMINAL INTELLIGENCE OFFICE				
149	SUPRESSION CRIMINAL INVESTIGATOR OFFICE				
150	INTELLIGENCE SURVEILLANCE & RECONNAISSANCE/ OPERATIONS PLANS & TRAINING AREA S-2/S-3				
151	INTELLIGENCE SURVEILLANCE & RECONNAISSANCE AREA S-2				
152	OPERATIONS NCO OFFICE				
153	FORENSICS OFFICE				
154	S-2 / S-3 OFFICE				
155	CRIMINAL INVESTIGATION COMMAND OPERATIONS OFFICE				
156	COMMAND CONFERENCE ROOM				
157	CLOSET				
158	CORRIDOR				
159	CLOSET				
160	BATTALION COMMANDER OFFICE				
161	EXECUTIVE OFFICER OFFICE				
162	COMMAND SERGEANT MAJOR OFFICE				
163	OFFICE SUPPORT TECH OFFICE				
164	RESTROOM				



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CATEGORY: ROOM ID

SIGN TYPE: B

PLASTIC FRAME
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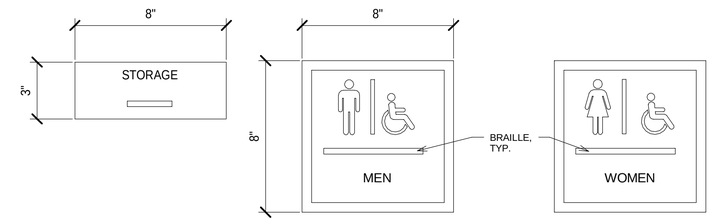
SIGN TYPE: C

PLASTIC FRAME
CATEGORY: ROOM ID WITH ALTERNATING MESSAGE PLAQUE



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CATEGORY: ADA

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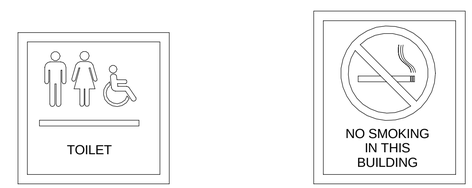
CATEGORY: ADA



SIGN TYPE: G

CATEGORY: ADA

SIGN TYPE: H

CATEGORY: ADA

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

DESIGN BY: Designer
DRAWN BY: Author
SBMT BY: Approver
SIZE: 22" x 34"
CKD BY: Checker
PLOT DATE: 1/12/2012 8:11:59 AM
PLOT SCALE: 1
FILE NAME:
DATE: SEPTEMBER 12, 2012
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

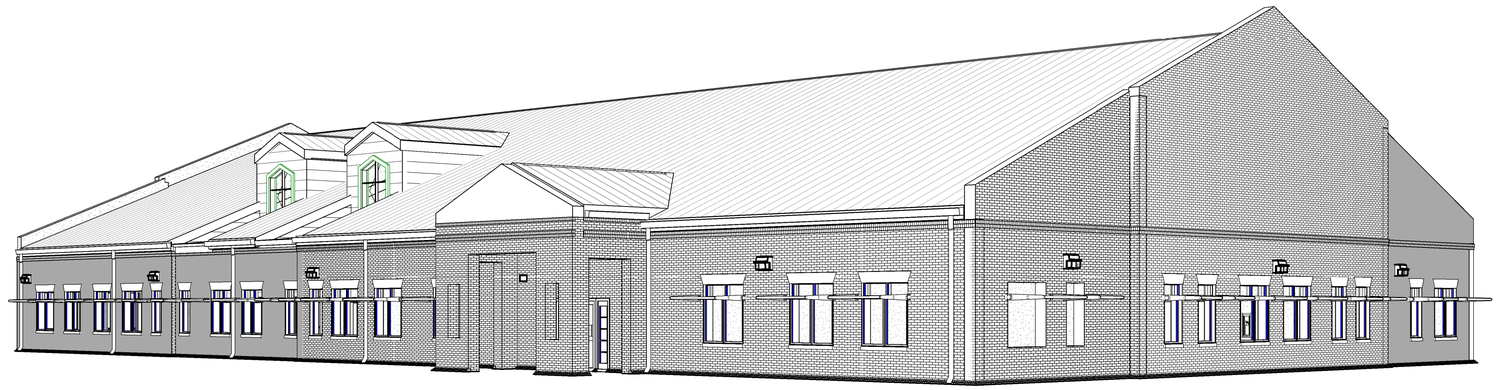
US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
SIGNAGE SCHEDULE

SHEET IDENTIFICATION
A-703
SHEET OF 1

A-703



A1 PERSPECTIVE VIEW

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

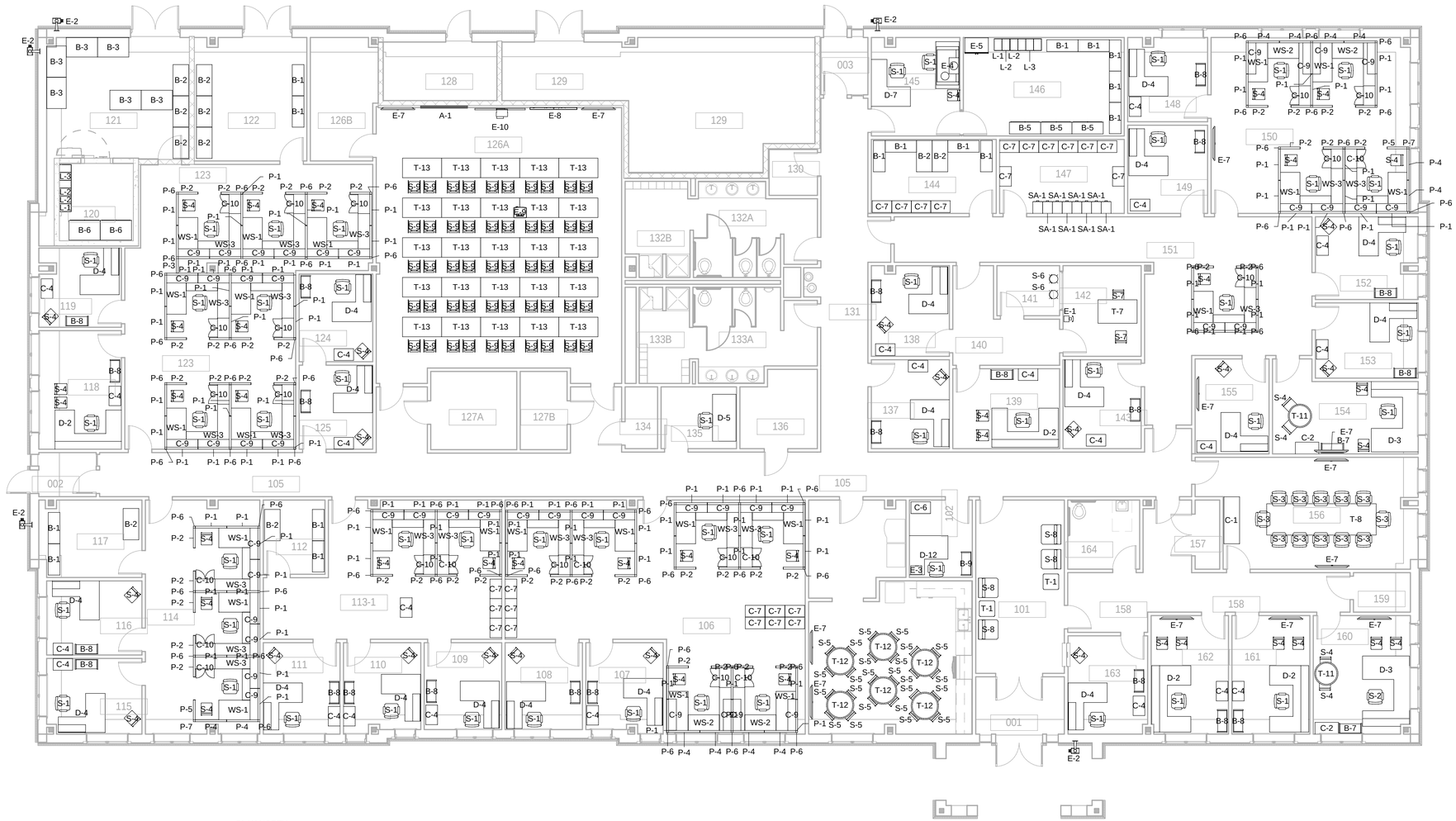
PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

DESIGN BY: Designer
DRAWN BY: Author
SBMT BY: Approver
SIZE: 22" x 34"
DATE: SEPTEMBER 12, 2012
CKD BY: Checker
SOLICITATION NO.:
PLOT DATE: 11/2/2012 9:36:01 AM
CONTRACT NO.:
PLOT SCALE:
FILE NAME:
FILE NUMBER:

U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD - FORT LEWIS, WA
PERSPECTIVE VIEWS

SHEET IDENTIFICATION
A-901
SHEET OF 1

A A-901-



A1 FIRST FLOOR PLAN
1/8" = 1'-0"

PLAN NORTH

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

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

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DRAWN BY: Author
SBMT BY: Approver
CKD BY: Checker
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DATE: SEPTEMBER 12, 2012
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

U.S. ARMY
CRIMINAL INVESTIGATION PLAN
BATTALION HEADQUARTERS
ADAPT-BUILD-FORT LEWIS, WA
FURNITURE PLAN

SHEET IDENTIFICATION
IF-101
SHEET OF 1

IF-101-

FF&E PROCUREMENT SCHEDULE

Code	Item	Description	Justification	Manufacturer	Model No.	Style	Dimensions	Alternate Manufacturers	Category	Dealer/ Supplier	GSA Contract No.	GSA Expiration	GSA SIN	Freight	MOL	Count
A-1	MARKER BOARD	MARKER BOARD WITH ALUMINUM FRAME AND TRAY	THIS PRODUCT IS SELECTED FOR ITS DURABILITY AND FUNCTIONALITY.				72" WIDE BY 36" HIGH									1
B-1	OPEN SHELVING	HEAVY DUTY INDUSTRIAL OPEN METAL SHELVING, 5 SHELVES EACH WITH A 300 POUND CAPACITY	THIS PRODUCT IS SELECTED FOR ITS DURABILITY AND FUNCTIONALITY.				48" WIDE BY 18" DEEP BY 84" HIGH									15
B-2	OPEN SHELVING	HEAVY DUTY INDUSTRIAL OPEN METAL SHELVING, 5 SHELVES EACH WITH A 400 POUND CAPACITY	THIS PRODUCT IS SELECTED FOR ITS DURABILITY AND FUNCTIONALITY.				48" WIDE BY 24" DEEP BY 84" HIGH									10
B-3	OPEN SHELVING	HEAVY DUTY INDUSTRIAL OPEN METAL SHELVING, 5 SHELVES EACH WITH A 400 POUND CAPACITY	THIS PRODUCT IS SELECTED FOR ITS DURABILITY AND FUNCTIONALITY.				48" WIDE BY 30" DEEP BY 84" HIGH									6
B-5	CLOSED SHELVING	HEAVY DUTY INDUSTRIAL CLOSED METAL SHELVING WITH DOORS, 400 POUND CAPACITY	THIS PRODUCT IS SELECTED FOR ITS DURABILITY AND FUNCTIONALITY.				48" WIDE BY 18" DEEP BY 84" HIGH									3
B-6	CLOSED SHELVING	HEAVY DUTY INDUSTRIAL CLOSED METAL SHELVING WITH DOORS, 400 POUND CAPACITY	THIS PRODUCT IS SELECTED FOR ITS DURABILITY AND FUNCTIONALITY.				48" WIDE BY 30" DEEP BY 84" HIGH									2
B-7	WOOD BOOKCASE	FREESTANDING WOOD BOOKCASE, ADJUSTABLE SHELVES, WOOD MATERIAL AND FINISH TO MATCH DESK	THIS PRODUCT IS SELECTED FOR QUALITY AND DURABILITY, AND TO COORDINATE WITH OTHER OFFICE FURNITURE AND FINISHES.				36" WIDE									2
B-8	METAL BOOKCASE	FREESTANDING THREE SHELF METAL BOOKCASE, ADJUSTABLE SHELVES, POWDER COAT PAINT FINISH	THIS PRODUCT IS SELECTED TO COORDINATE WITH OTHER OFFICE FURNITURE AND FINISHES.				36" WIDE									22
B-9	METAL BOOKCASE	FREESTANDING FOUR SHELF METAL BOOKCASE, ADJUSTABLE SHELVES, POWDER COAT PAINT FINISH	THIS PRODUCT IS SELECTED TO COORDINATE WITH OTHER OFFICE FURNITURE AND FINISHES.				36" WIDE									1
C-1	WOOD CREDENZA	WOOD CREDENZA WITH DOORS, WOOD VENEER AND FINISH TO MATCH CONFERENCE TABLE, METAL PULLS, SOLID WOOD MITERED EDGE AT TOP	THIS PRODUCT IS SELECTED FOR QUALITY AND DURABILITY, AND TO COORDINATE WITH OTHER OFFICE FURNITURE AND FINISHES.				24" WIDE BY 72" LONG									1
C-2	LATERAL FILE	WOOD LATERAL FILE, TWO DRAWER, SOLID WOOD AND WOOD VENEER AND FINISH TO MATCH DESK, ADJUSTABLE LEVELING GLIDES, CENTRAL LOCKING CAPABILITY, AND ANTI-TIP MECHANISM, FRONT-TO-BACK AND SIDE-TO-SIDE FILING OPTIONS	THIS PRODUCT IS SELECTED TO COORDINATE WITH OTHER OFFICE FURNITURE AND FINISHES.				36" WIDE									2
C-4	LATERAL FILE	METAL LATERAL FILE, TWO DRAWER WITH POWDER COAT PAINT FINISH, ADJUSTABLE LEVELING GLIDES, CENTRAL LOCKING CAPABILITY, AND ANTI-TIP MECHANISM, FRONT-TO-BACK AND SIDE-TO-SIDE FILING OPTIONS	THIS PRODUCT IS SELECTED TO COORDINATE WITH OTHER OFFICE FURNITURE AND FINISHES.				36" WIDE									46
C-6	LATERAL FILE	METAL LATERAL FILE, FOUR DRAWER WITH POWDER COAT PAINT FINISH, ADJUSTABLE LEVELING GLIDES, CENTRAL LOCKING CAPABILITY, AND ANTI-TIP MECHANISM, FRONT-TO-BACK AND SIDE-TO-SIDE FILING OPTIONS	THIS PRODUCT IS SELECTED TO COORDINATE WITH OTHER OFFICE FURNITURE AND FINISHES.				36" WIDE									1
C-7	LATERAL FILE	METAL LATERAL FILE, FIVE DRAWER WITH POWDER COAT PAINT FINISH, ADJUSTABLE LEVELING GLIDES, CENTRAL LOCKING CAPABILITY, AND ANTI-TIP MECHANISM, FRONT-TO-BACK AND SIDE-TO-SIDE FILING OPTIONS	THIS PRODUCT IS SELECTED TO COORDINATE WITH OTHER OFFICE FURNITURE AND FINISHES.				36" WIDE									24
C-8	PEDESTAL	METAL PEDESTAL BOX-FILE-FILE, SYSTEMS FURNITURE COMPONENT														23
C-9	STORAGE BIN/BINDER BIN	OVERHEAD STORAGE BIN, METAL FLIPPER DOOR, SYSTEMS FURNITURE COMPONENT	THIS PRODUCT IS SELECTED TO COORDINATE WITH OTHER OFFICE FURNITURE AND FINISHES.				48" LONG									46
C-10	WARDROBE CABINET	METAL WARDROBE CABINET, SYSTEMS FURNITURE COMPONENT	THIS PRODUCT IS SELECTED TO COORDINATE WITH OTHER OFFICE FURNITURE AND FINISHES.				24" WIDE BY 54" HIGH									23
D-2	METAL DESK WITH RETURN	METAL DESK WITH RETURN CREDENZA AND HUTCH	THIS PRODUCT IS SELECTED FOR ITS DURABILITY AND FUNCTIONALITY.				36" WIDE BY 72" LONG DESK, 24" BY 48" RETURN, 72" LONG CREDENZA									4
D-3	WOOD DESK WITH RETURN	WOOD DESK WITH RETURN CREDENZA AND HUTCH	THIS PRODUCT IS SELECTED FOR QUALITY AND DURABILITY, AND TO COORDINATE WITH OTHER OFFICE FURNITURE AND FINISHES.				36" WIDE BY 72" LONG DESK, 24" BY 48" RETURN, 72" LONG CREDENZA									2
D-4	METAL DESK WITH RETURN	METAL DESK WITH RETURN AND LOCKABLE DRAWER PEDESTALS	THIS PRODUCT IS SELECTED FOR ITS DURABILITY AND FUNCTIONALITY.				36" WIDE BY 60" LONG DESK, 24" BY 48" RETURN									19
D-5	METAL DESK	METAL DESK WITH STACKED DRAWERS AND FILE DRAWERS	THIS PRODUCT IS SELECTED FOR ITS DURABILITY AND FUNCTIONALITY.				36" WIDE BY 72" LONG DESK									1
D-7	METAL DESK WITH RETURN	METAL DESK WITH RETURN AND LOCKABLE DRAWER PEDESTALS	THIS PRODUCT IS SELECTED FOR ITS DURABILITY AND FUNCTIONALITY.				36" WIDE BY 60" LONG DESK, 24" BY 48" RETURN									1
D-12	METAL DESK WITH RETURN	METAL DESK WITH RETURN AND LOCKABLE DRAWER PEDESTALS	THIS PRODUCT IS SELECTED FOR ITS DURABILITY AND FUNCTIONALITY.				36" WIDE BY 60" LONG DESK, 24" BY 24" RETURN									1
E-1	SECURITY CAMERA	INTERIOR, FIXED, ADJUSTABLE HEAD, SECURITY CAMERA	THIS PRODUCT IS REQUESTED BY THE CIDC USER GROUP													1
E-2	SECURITY CAMERA	EXTERIOR, FIXED, ADJUSTABLE HEAD, SECURITY CAMERA	THIS PRODUCT IS REQUESTED BY THE CIDC USER GROUP													6
E-3	RECORDER	HEAD END A/V EQUIPMENT FOR INTERVIEW RECORDING	THIS PRODUCT IS REQUESTED BY THE CIDC USER GROUP													1
E-4	FUME HOOD	DESKTOP LABORATORY FUME EXHAUST HOOD, STAINLESS STEEL, NOT INCLUDED IN FF&E SCOPE	THIS PRODUCT IS REQUESTED BY THE CIDC USER GROUP													1
E-5	EVIDENCE REFRIGERATOR	STAINLEES STEEL EVIDENCE REFRIGERATOR AND FREEZER	THIS PRODUCT IS REQUESTED BY THE CIDC USER GROUP				NOMINAL 36" WIDE									1
E-7	FLAT SCREEN TV	FLAT SCREEN TELEVISION WITH WALL MOUNTING BRACKET	THIS PRODUCT IS REQUESTED BY THE CIDC USER GROUP				72" DIAGONAL									12
E-8	PROJECTION SCREEN	CEILING MOUNTED PROJECTION SCREEN, ELECTRIC OPERATED	THIS PRODUCT IS REQUESTED BY THE CIDC USER GROUP AND MEETS THE PROGRAM REQUIREMENT				84" WIDE									1
E-9	PROJECTOR	CEILING MOUNTED PROJECTOR WITH COMPUTER INPUT PORTS	THIS PRODUCT IS REQUESTED BY THE CIDC USER GROUP AND MEETS THE PROGRAM REQUIREMENT													1
E-10	INTERACTIVE WHITEBOARD	INTERACTIVE WHITEBOARD	THIS PRODUCT IS REQUESTED BY THE CIDC USER GROUP AND MEETS THE PROGRAM REQUIREMENT				84" WIDE									1
L-1	GUN STORAGE SAFE	METAL GUN STORAGE RACKS, NOT INCLUDED IN FF&E SCOPE														2
L-2	GUN STORAGE SAFE	METAL GUN STORAGE RACKS, NOT INCLUDED IN FF&E SCOPE														4
L-3	GUN STORAGE SAFE	METAL GUN STORAGE RACKS, NOT INCLUDED IN FF&E SCOPE														2

CODE	ITEM DESCRIPTION
A	ACCESSORIES
B	SHELVING & BOOKCASES
C	STORAGE & FILE CABINETS
D	DESKS
E	EQUIPMENT
L	LOCKERS
P	PANEL, SYSTEMS FURNITURE
S	SEATING
SA	SAFE
T	TABLES
WS	WORKSTATION

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

DESIGN BY: Designer
DRAWN BY: Author
SBMT BY: Approver
SIZE: 22" x 34"
CKD BY: Checker
PLOT SCALE:
PLOT DATE: 9/28/2012 2:28:00 PM
FILE NAME:
DATE: SEPTEMBER 12, 2012
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

U.S. ARMY
CRIMINAL INVESTIGATION PLAN
BATTALION HEADQUARTERS
ADAPT-BUILD-FORT LEWIS, WA
FURNITURE SCHEDULE

SHEET IDENTIFICATION
IF-102
SHEET OF 1

IF-102-

FF&E PROCUREMENT SCHEDULE (CONTINUED)

Code	Item	Description	Justification	Manufacturer	Model No.	Style	Dimensions	Alternate Manufacturers	Category	Dealer/ Supplier	GSA Contract No.	GSA Expiration	GSA SIN	Freight	MOL	Count
P-1	SYSTEMS FURNITURE PANEL	SYSTEMS FURNITURE PANEL, METAL FRAME WITH FABRIC COVER					48" WIDE BY 54" HIGH									102
P-2	SYSTEMS FURNITURE PANEL	SYSTEMS FURNITURE PANEL, METAL FRAME WITH FABRIC COVER					30" WIDE BY 54" HIGH									44
P-3	SYSTEMS FURNITURE PANEL	SYSTEMS FURNITURE PANEL, METAL FRAME WITH FABRIC COVER					54" HIGH									1
P-4	SYSTEMS FURNITURE PANEL	SYSTEMS FURNITURE PANEL, METAL FRAME WITH FABRIC COVER					48" W BY 36" H									12
P-5	SYSTEMS FURNITURE PANEL	SYSTEMS FURNITURE PANEL, METAL FRAME WITH FABRIC COVER					30" W BY 36" H									2
P-6	SYSTEMS FURNITURE COMPONENT	POST, SYSTEMS FURNITURE COMPONENT					54" HIGH UNIVERSAL POST									66
P-7	SYSTEMS FURNITURE COMPONENT	POST, SYSTEMS FURNITURE COMPONENT					36" HIGH CORNER POST									2
S-1	TASK CHAIR	ERGONOMIC MID-BACK TASK CHAIR WITH SWIVEL TILT PASSIVE SEAT MECHANISM, PNEUMATIC HEIGHT ADJUSTMENT, FIVE STAR BASE WITH CASTERS	THIS PRODUCT IS SELECTED FOR ITS ERGONOMIC FEATURES AND FOR QUALITY AND DURABILITY.													51
S-2	EXECUTIVE TASK CHAIR	ERGONOMIC MID-BACK EXECUTIVE CHAIR WITH SWIVEL TILT PASSIVE SEAT MECHANISM, PNEUMATIC HEIGHT ADJUSTMENT, FIVE STAR BASE WITH CASTERS	THIS PRODUCT IS SELECTED FOR ITS ERGONOMIC FEATURES AND FOR QUALITY AND DURABILITY.													1
S-3	CONFERENCE CHAIR	ERGONOMIC MID-BACK CHAIR WITH ARMS, SWIVEL KNEE TILT MECHANISM,SINGLE LEVER TILT LOCK, PNEUMATIC HEIGHT ADJUSTMENT, WATERFALL EDGE SEAT, LUMBAR AND LATERAL BACK SUPPORT, FOUR STAR BASE WITH CASTERS	THIS PRODUCT IS SELECTED FOR ITS ERGONOMIC FEATURES AND FOR QUALITY AND DURABILITY.													12
S-4	SIDE CHAIR	SIDE CHAIR WITH METAL FRAME, BACK AND ARMS, UPHOLSTERED SEAT AND MESH BACK	THIS PRODUCT IS SELECTED FOR ITS DURABILITY AND FUNCTIONALITY.													57
S-5	BREAK ROOM CHAIR	STACKABLE FOUR LEG CHAIR WITHOUT ARMS, ADJUSTABLE BACK TENSION BASED ON WEIGHT OF OCCUPANT	THIS PRODUCT IS SELECTED FOR ITS DURABILITY AND FUNCTIONALITY.													24
S-6	WOOD STOOL	WOOD STOOL, STRAIGHT LEG, WITHOUT UPHOLSTERY OR CASTERS	THIS PRODUCT IS SELECTED FOR DURABILITY AND TO MEET THE REQUIREMENT OF LIMITING MOVEMENT OR NOISE DURING TESTING OF SUSPECTS.				32" HIGH									2
S-7	WOOD CHAIR	SOLID WOOD CHAIR WITH LEGS, WITHOUT UPHOLSTERY AND CASTORS	THIS PRODUCT IS SELECTED FOR DURABILITY AND TO MEET THE REQUIREMENT OF LIMITING MOVEMENT OR NOISE DURING TESTING OF SUSPECTS.													2
S-8	GUEST CHAIR	GUEST CHAIR WITH WOOD FRAME, BACK AND ARMS, UPHOLSTERED SEAT AND BACK	THIS PRODUCT IS SELECTED FOR ITS DURABILITY AND FUNCTIONALITY.													4
S-9	CLASSROOM CHAIR	STACKING FOUR LEG CHAIR WITH ARMS, METAL FRAME, PLASTIC SHELL, UPHOLSTERED SEAT, AUTOMATIC BACK TENSION	THIS PRODUCT IS SELECTED FOR ITS ERGONOMIC FEATURES AND FOR QUALITY AND DURABILITY. THE CHAIR SELECTED MEETS THE REQUIREMENT FOR A STACKING CHAIR.													50
SA-1	FIVE DRAWER SAFE	FIVE DRAWER GSA APPROVED CLASS 5 SECURITY CONTAINER INDIVIDUAL LOCKS ON DRAWERS, NOT INCLUDED IN FF&E SCOPE	THIS PRODUCT IS SELECTED FOR ITS DURABILITY AND FUNCTIONALITY.				15" WIDE									8
T-1	WOOD SIDE TABLE	WOOD SIDE TABLE	THIS PRODUCT IS SELECTED FOR QUALITY AND DURABILITY, AND TO COORDINATE WITH OTHER OFFICE FURNITURE AND FINISHES.				24" SQUARE BY 20" HIGH									2
T-3	LAYOUT TABLE	HEAVY DUTY INDUSTRIAL WORK TABLE, METAL LEGS AND FRAME, HEAVY GAUGE STEEL TOP	THIS PRODUCT IS SELECTED FOR ITS DURABILITY AND FUNCTIONALITY.				36" WIDE BY 72" LONG BY 36" HIGH									1
T-7	SMALL RECTANGULAR TABLE	RECTANGULAR TABLE WITH LAMINATE TOP AND VINYL EDGE, FOUR STAR BASE WITH ADJUSTABLE LEGS	THIS PRODUCT IS SELECTED FOR DURABILITY AND TO MEET THE REQUIREMENT OF LIMITING MOVEMENT OR NOISE DURING TESTING OF SUSPECTS.				36" WIDE BY 60" LONG BY 29" HIGH									1
T-8	WOOD CONFERENCE TABLE	WOOD CONFERENCE TABLE, WOOD TRESTLE BASE, WOOD TOP WITH SOLID WOOD EDGE	THIS PRODUCT IS SELECTED FOR QUALITY AND DURABILITY, AND TO COORDINATE WITH OTHER OFFICE FURNITURE AND FINISHES.				42" WIDE BY 14 FEET LONG BY 29.5" HIGH									1
T-11	WOOD CONFERENCE TABLE	WOOD CONFERENCE TABLE WITH PEDESTAL BASE, WOOD VENEER TOP WITH SOLID WOOD EDGE	THIS PRODUCT IS SELECTED FOR QUALITY AND DURABILITY, AND TO COORDINATE WITH OTHER OFFICE FURNITURE AND FINISHES.				36" DIAMETER BY 29" HIGH									2
T-12	ROUND BREAK ROOM TABLE	MULTI-PURPOSE TABLE WITH METAL FRAME AND PLASTIC LAMINATE TOP WITH WOOD EDGE, FOUR STAR BASE WITH ADJUSTABLE GLIDES	THIS PRODUCT IS SELECTED FOR ITS DURABILITY AND FUNCTIONALITY.				42" DIAMETER BY 29" HIGH									6
T-13	CLASSROOM TABLE	MODULAR CLASSROOM TABLE, METAL FRAME, PLASTIC LAMINATE TOP WITH PVC EDGE BAND, INTEGRATED MODESTY PANEL WITH BUILT-IN CABLE TRAY, FLIP TOP TABLES SHALL NEST TOGETHER, ADJUSTABLE LEVELING	THIS PRODUCT IS SELECTED FOR ITS DURABILITY AND FUNCTIONALITY.				30" WIDE BY 60" LONG BY 29" HIGH									25
WS-1	WORK SURFACE	WORK SURFACE, PLASTIC LAMINATE, WITH VINYL EDGE, SYSTEM FURNITURE COMPONENT					30" BY 60"									23
WS-2	WORK SURFACE	WORK SURFACE, PLASTIC LAMINATE, WITH VINYL EDGE, SYSTEM FURNITURE COMPONENT					24" BY 48"									23
WS-3	WORK SURFACE	WORK SURFACE, PLASTIC LAMINATE, WITH VINYL EDGE, SYSTEM FURNITURE COMPONENT					18" BY 66"									23

CODE	ITEM DESCRIPTION
A	ACCESSORIES
B	SHELVING & BOOKCASES
C	STORAGE & FILE CABINETS
D	DESKS
E	EQUIPMENT
L	LOCKERS
P	PANEL, SYSTEMS FURNITURE
S	SEATING
SA	SAFE
T	TABLES
WS	WORKSTATION

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

DESIGN BY: Designer | DRAWN BY: Author | SBMT BY: Approver | SIZE: 22" x 34"
CKD BY: Checker | PLOT DATE: 9/28/2012 2:29:01 PM | PLOT SCALE: | FILE NAME:
DATE: SEPTEMBER 12, 2012
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6151 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

U.S. ARMY
CRIMINAL INVESTIGATION PLAN
BATTALION HEADQUARTERS
ADAPT-BUILD-FORT LEWIS, WA
FURNITURE SCHEDULE
CONT. 1

SHEET IDENTIFICATION
IF-103
SHEET OF 1

A1 FIRE ALARM PLAN

1/8" = 1'-0"

PLAN NORTH

8 6 4 2 0 8 16

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

US Army Corps of Engineers ®

NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

DESIGN BY: Designer | DATE: SEPTEMBER 12, 2012

DRAWN BY: Author | CKD BY: Checker | SOLICITATION NO.: -

SBMT BY: Approver | PLOT DATE: 9/28/2012 2:28:07 PM | CONTRACT NO.: -

PLOT SCALE: 1 | FILE NUMBER:

SIZE: 22" x 34" | FILE NAME:

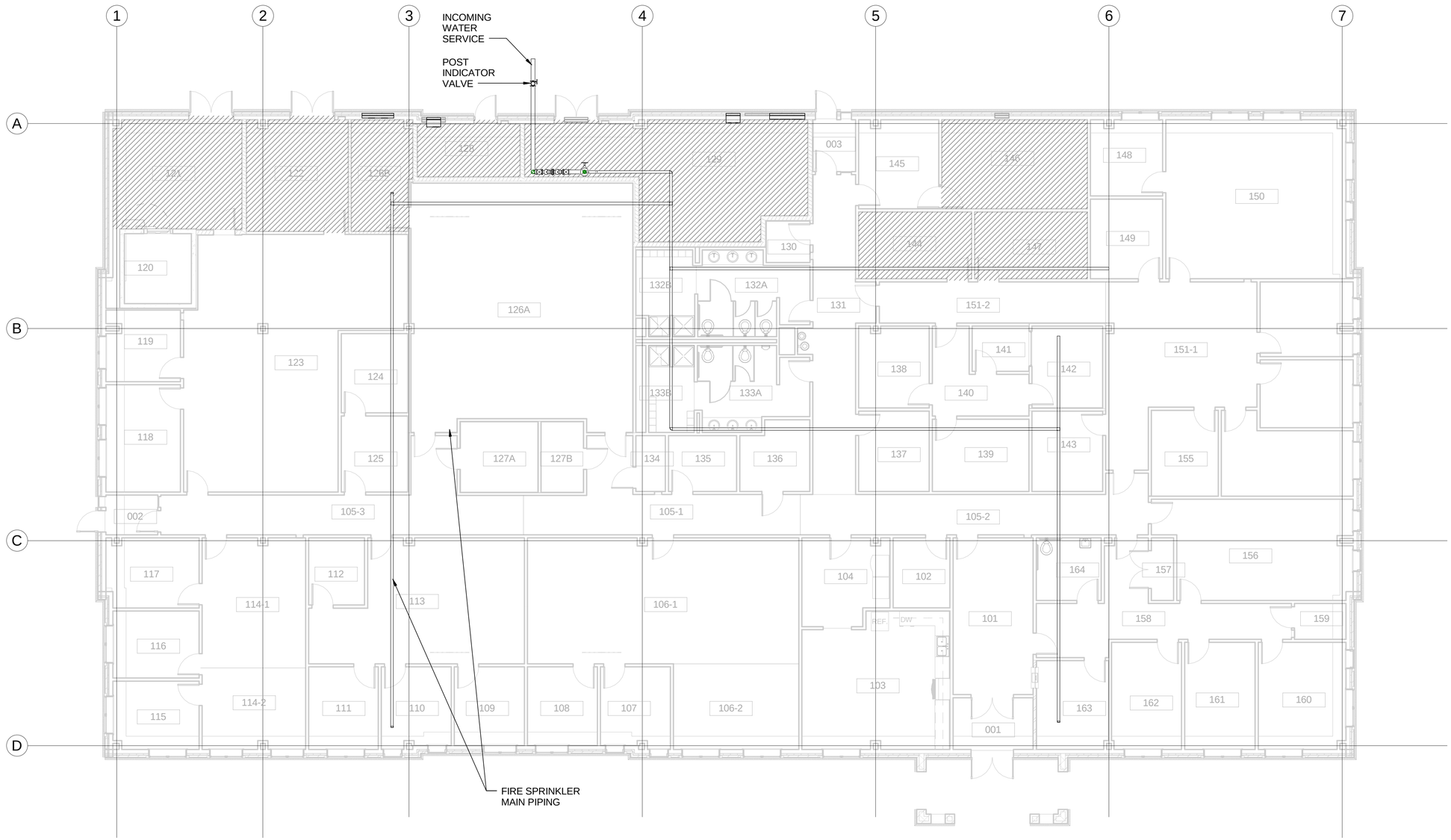
US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6151 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD- FORT LEWIS, WA
FIRE ALARM

SHEET IDENTIFICATION
FA-101
SHEET OF 0

FA-101-



A1 FIRE PROTECTION PLAN
1/8" = 1'-0"

LEGEND

- LIGHT HAZARD
- ORDINARY HAZARD (GROUP 1)

8 6 4 2 0 8 16
SCALE: 1/8"=1'-0"

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

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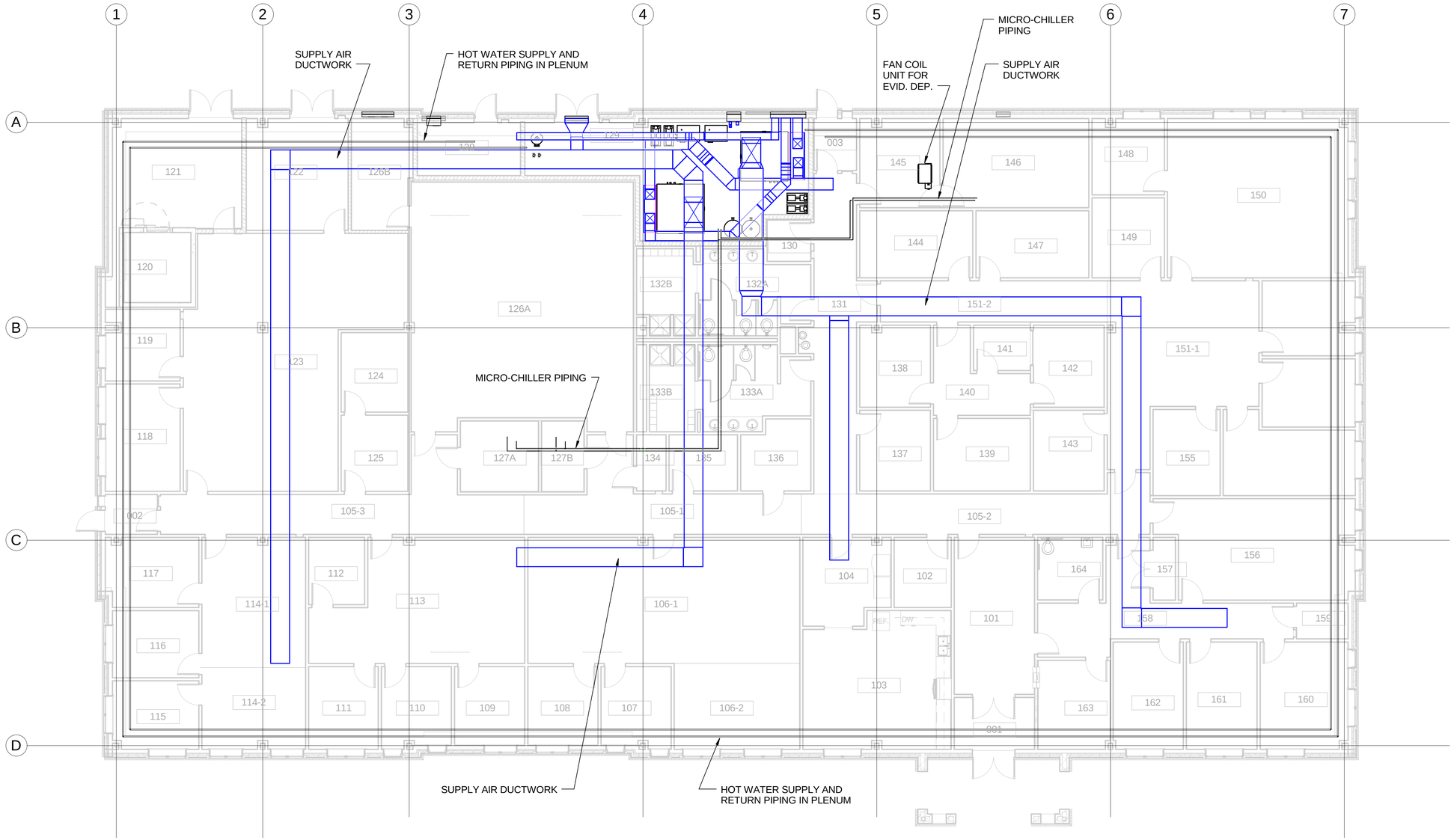
US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

CRIMINAL INVESTIGATION COMMAND BATALLION HEADQUARTERS ADAPT-BUILD- FORT LEWIS, WA
FIRE SPRINKLER PLAN

SHEET IDENTIFICATION
FX-101
SHEET OF 0

FX-101-



A1 MECHANICAL PLAN

1/8" = 1'-0"

PLAN NORTH

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

US Army Corps of Engineers ®

NORFOLK DISTRICT

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US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

CRIMINAL INVESTIGATION COMMAND BATALLION HEADQUARTERS ADAPT-BUILD- FORT LEWIS, WA

MECH FLOOR PLAN

- -

SHEET IDENTIFICATION

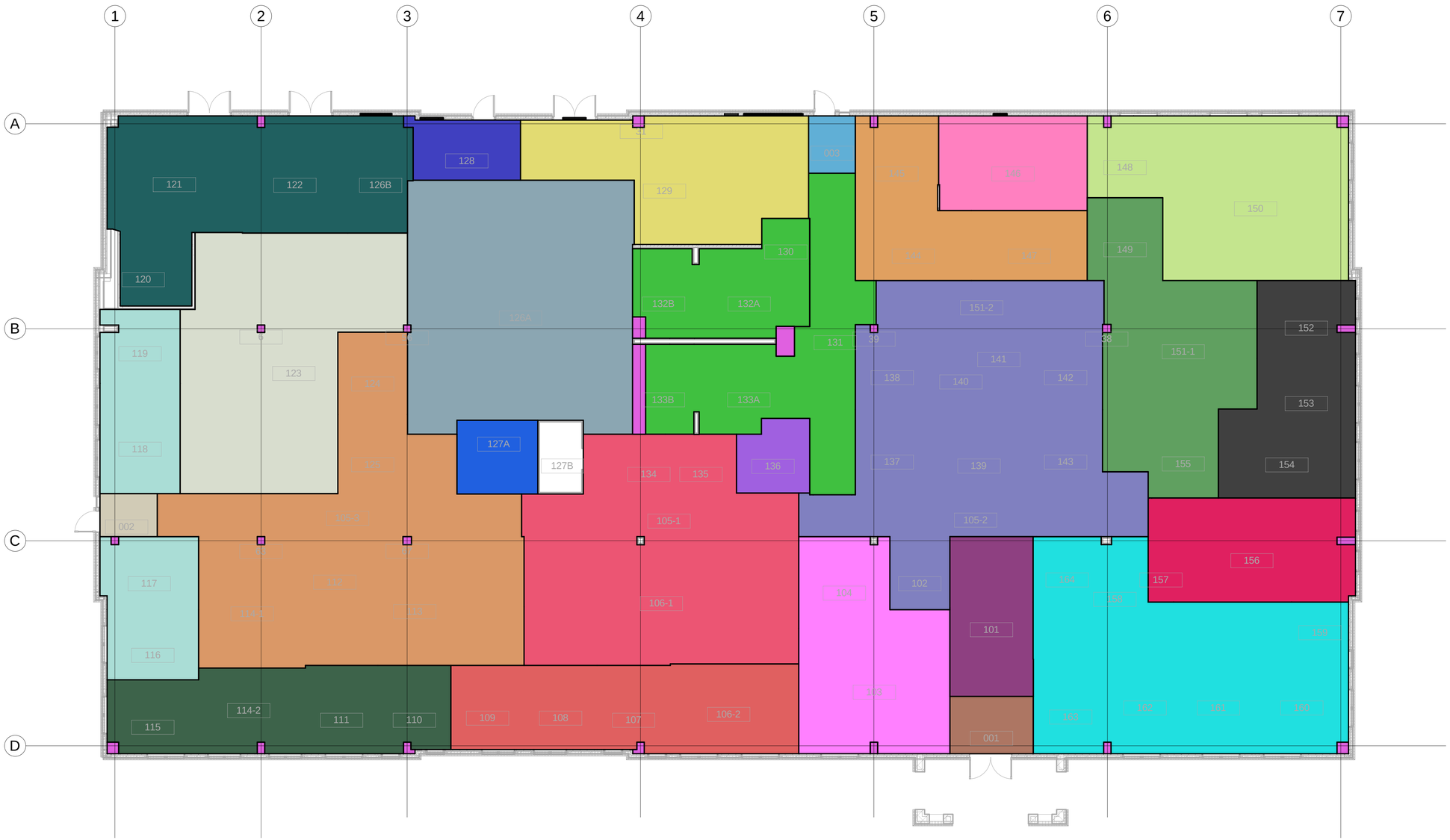
M-101

SHEET 0 OF 0

M-101-

LEGEND

BREAK ROOM	COMMAND CONF ROOM	ENTRY VESTIBULE	INTEL SURV & RECON	MECHANICAL ROOM	SOUTH OFFICES	TELECOM ROOM 136	WEST OFFICES
CHAPLAIN & LOGISTICS OPS	CORE SUSPECT AREA	EVIDENCE DEPOSITORY	INTEL SURV & RECON 2	NORTHWEST STORAGE	SOUTHEAST OFFICES	VESTIBULE NORTH	
CLASSROOM	EAST OFFICES	EVIDENCE PROCESSING	INTEL SURV & RECON 6	RESTROOMS	SOUTHWEST OFFICES	VESTIBULE WEST	
COF AREA	ELECTRICAL ROOM	HR & MESSAGE CENTER	INTERSTITIAL SPACES	SIPRNET	TELECOM ROOM 127	VISITOR WAITING	



A1 HVAC THERMAL ZONES
1/8" = 1'-0"

PLAN NORTH

8 6 4 2 0 8 16
SCALE: 1/8"=1'-0"

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

DESIGN BY: Designer
DRAWN BY: Author
SBMT BY: Approver
PLOT SCALE:
SIZE: 22" x 34"
CKD BY: Checker
PLOT DATE: 9/28/2012 2:26:05 PM
FILE NAME:
DATE: SEPTEMBER 12, 2012
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER:

US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6101 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

CRIMINAL INVESTIGATION COMMAND
BATALLION HEADQUARTERS
ADAPT-BUILD- FORT LEWIS, WA
HVAC ZONES

SHEET IDENTIFICATION
M-102
SHEET OF 0

M-102

SHEET NOTES EL-101

1 SWITCH FOR EXTERIOR LIGHT

A1 LIGHTING PLAN
1/8" = 1'-0"

PLAN NORTH

8 6 4 2 0 8 16
SCALE: 1/8"=1'-0"

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6135 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

DESIGN BY: Designer
DRAWN BY: Author
SBMT BY: Approver
SIZE: 22" x 34"
DATE: SEPTEMBER 12, 2012
SOLICITATION NO.: -
CKD BY: Checker
CONTRACT NO.: -
PLOT DATE: 9/28/2012 2:26:16 PM
FILE NUMBER:
PLOT SCALE:
FILE NAME:

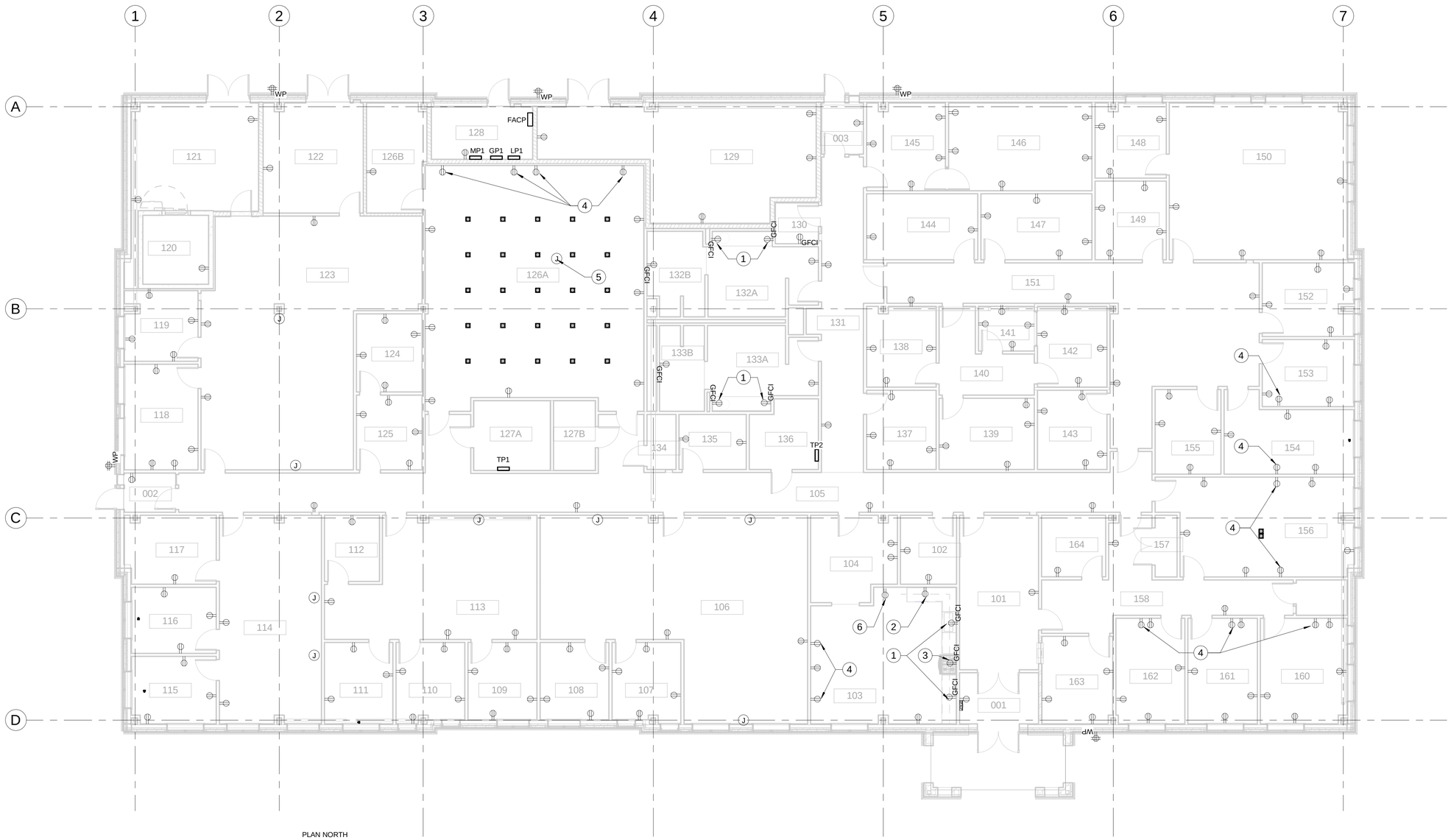
U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD- FORT LEWIS, WA
ELECTRICAL LIGHTING PLAN

SHEET IDENTIFICATION
EL-101
SHEET OF 0

EL-101-

SHEET NOTES EP-101

1	8" ABOVE COUNTER ON CENTER.
2	RECEPTACLE FOR MICROWAVE.
3	RECEPTACLE FOR STOVE.
4	RECEPTACLE FOR TELEVISION. MOUNT AT 66" AFF.
5	MOUNT IN CEILING FOR PROJECTOR.
6	RECEPTACLE FOR REFRIGERATOR.



A1 POWER PLAN
1/8" = 1'-0"

PLAN NORTH

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

US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6161 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

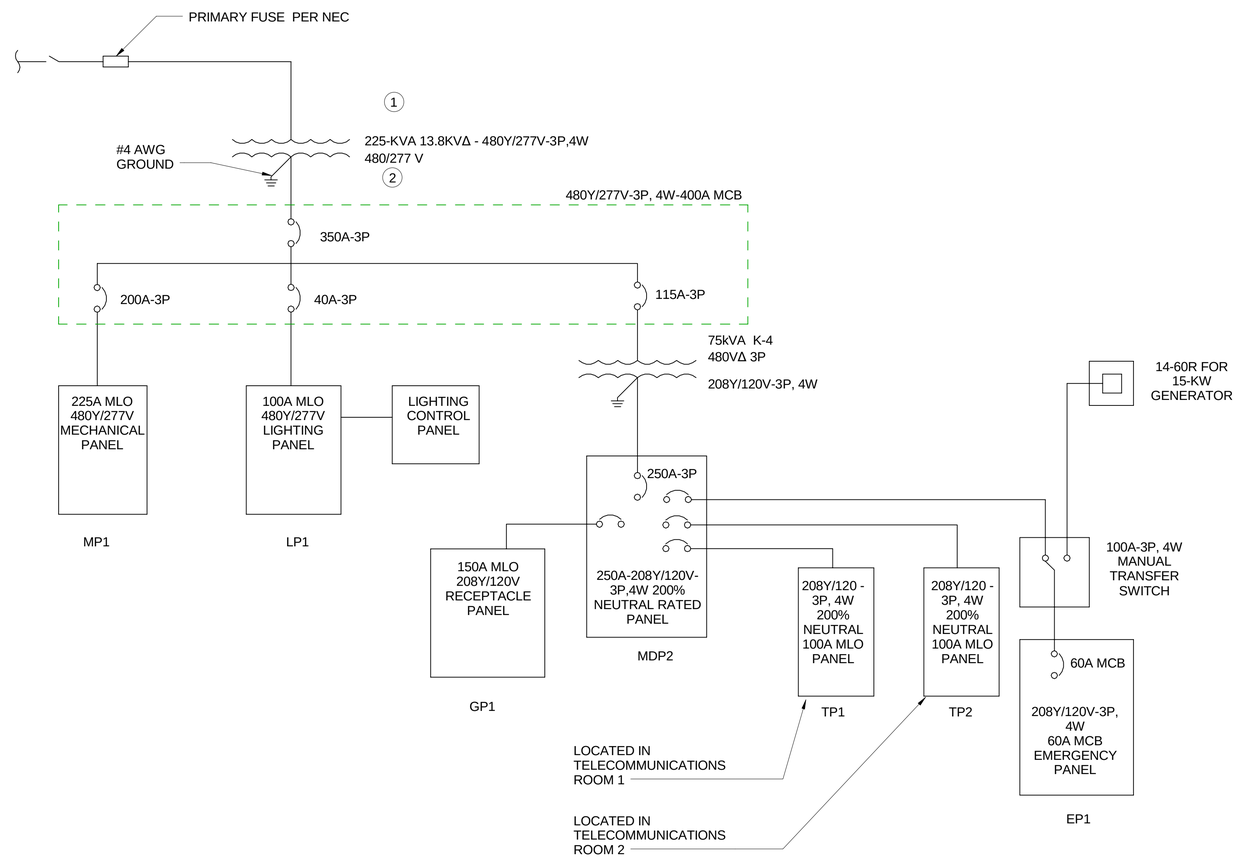
DESIGN BY: Designer
DRAWN BY: Author
SBMT BY: Approver
PLOT SCALE:
SIZE: 22" x 34"
CKD BY: Checker
PLOT DATE: 9/28/2012 2:30:58 PM
FILE NAME:
DATE: SEPTEMBER 12, 2012
SOLICITATION NO.: .
CONTRACT NO.: .
FILE NUMBER:

U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD- FORT LEWIS, WA
ELECTRICAL POWER PLAN

SHEET IDENTIFICATION
EP-101
SHEET OF 0

SHEET NOTES FOR EP-601

1. 3 - 2 AWG 15-KV 133% EPR COPPER CONDUCTOR IN ONE (1) 4" TYPE EB SCHEDULE 20 CONCRETE ENCLOSED DUCTBANK. PROVIDE 100% BARE CU GROUND.
2. 4 - 500 MCM THN/THW IN 4" TYPE EB SCHEDULE 20 CONCRETE ENCLOSED DUCTBANK. PROVIDE ONE (1) 4" SPARE



US Army Corps of Engineers ®
NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

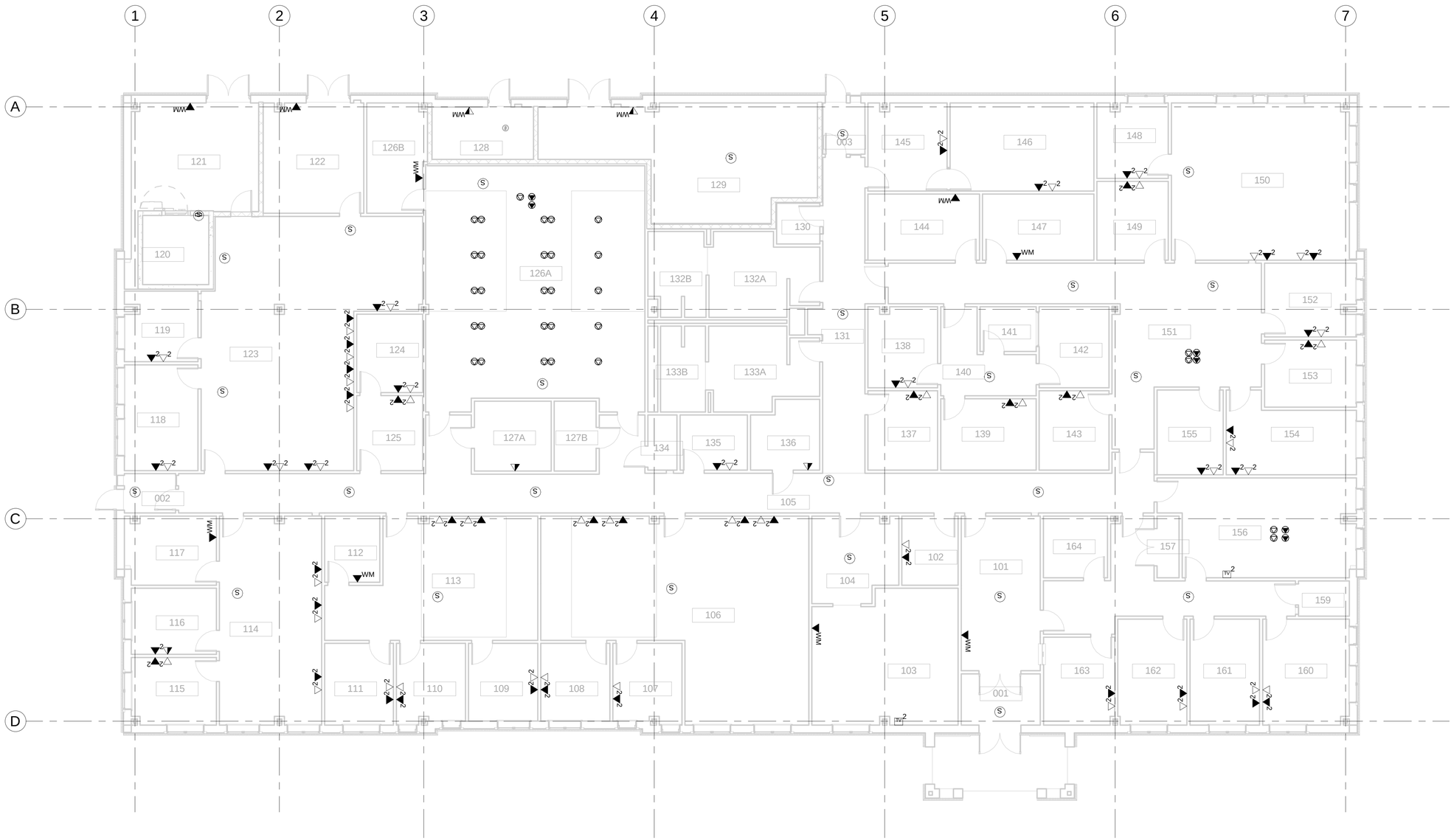
PARSONS BRINCKERHOFF
6151 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

DESIGN BY: Designer
DRAWN BY: Author
SBMT BY: Approver
SIZE: 22" x 34"
DATE: SEPTEMBER 12, 2012
CKD BY: Checker
PLOT SCALE:
SOLICITATION NO.: -
PLOT DATE: 9/28/2012 2:28:07 PM
CONTRACT NO.: -
FILE NAME:
FILE NUMBER:

U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD.-FORT LEWIS, WA
SINGLE LINE DIAGRAM

SHEET IDENTIFICATION
EP-601
SHEET OF 0

EP-601-



TELECOMMUNICATIONS PLAN

A1

1/8" = 1'-0"

PLAN NORTH

8 6 4 2 0 8 16

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

US Army Corps of Engineers ®

NORFOLK DISTRICT

MARK	DESCRIPTION	DATE	APPR.

DESIGN BY: Designer
DRAWN BY: Author
SBMT BY: Approver
CKD BY: Checker
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FILE NAME:

DATE: SEPTEMBER 12, 2012
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER:

US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
NORFOLK, VA

PARSONS BRINCKERHOFF
6151 KEMPSVILLE CIR
NORFOLK, VA 23502
SUITE 110

U.S. ARMY
CRIMINAL INVESTIGATION COMMAND
BATTALION HEADQUARTERS
ADAPT-BUILD-FORT LEWIS, WA
TELECOMMUNICATIONS PLAN

SHEET IDENTIFICATION
T-101
SHEET OF 0

T-101-