INTERIOR RENOVATIONS
FOR
FIRE STATION NO. 3 OF THE FORT HILL AREA

LYNCHBURG, VIRGINIA

ARCHITECT

CRADDOCK CUNNINGHAM
ARCHITECTURAL PARTNERS P.C.

10 NINTH STREET
LYNCHBURG, VA. 24504
phone: (434) 846-8456
fax: (434) 846-4534
email: info@ccappc.com
contact person: Mark Smith, Architect
direct email: mark@ccappc.com

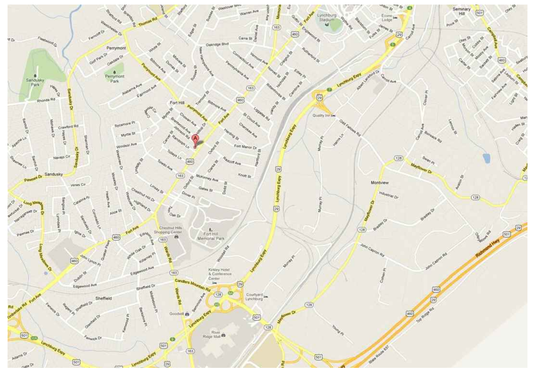
OWNER

CITY OF LYNCHBURG, VA
PUBLIC WORKS DEPARTMENT

BUILDINGS & GROUNDS DIVISION
800 ORCHARD STREET
LYNCHBURG, VA. 24501
phone: (434) 455-4409
fax: (434) 845-1813
email: scott.glass@lynchburgva.gov
contact person: Scott Glass, AIA

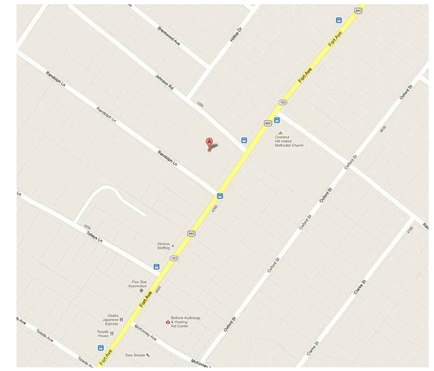
DRAWING LIST

CS1.1	Cover Sheet
A1.1	Plans and Finish Schedule
A1.2	Reflected Ceiling Plan and Architectural Site Plan



VACINTY MAP

NORTH



SITE MAP

NORTH

ABBREVIATIONS

AB	ANCHOR BOLT
ABV	ABOVE
ACST	ACOUSTIC
ACT	ACOUSTICAL CEILING TILE
AFF	ABOVE FINISHED FLOOR
AGGR	AGGREGATE
AHR	ANCHOR
AL	ALUMINUM
APC	ARCHITECTURAL PRECAST
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
AVG	AVERAGE
BD	BOARD
BET	BETWEEN
BLDG	BUILDING
BLK	BLOCKING
BM	BEAM
BOT	BOTTOM
BRG	BEARING
BUR	BUILT-UP ROOF(ING)
C/C	CENTER TO CENTER
CIP	CAST-IN-PLACE, CAST IRON PIPE
CJ	CONTROL JOINT
℄, CL	CENTER LINE
CFS	COLD FORMED STEEL
CFMF	COLD FORMED METAL FRAMING
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
COMP	COMPOSITE
CONC	CONCRETE, CONCENTRATED
CONN	CONNECT(ED), CONNECTION
CONSTR	CONSTRUCTION
CONT	CONTINUATION, CONTINUOUS, CONTROL
CONTR	CONTRACT, CONTRACTOR
COORD	COORDINATE
CORR	CORRIDOR, CORRUGATED
CT	CERAMIC TILE
CTNG	COATING
CTR	CENTER
CTSK	COUNTERSUNK
	DEPTH, DEEP
DBL	DOUBLE
DEPT	DEPARTMENT
DET	DETAIL(ED)
DIA	DIAMETER
DIAG	DIAGONAL, DIAGRAM
DIM	DIMENSION
DK	DECK
DN	DOWN
DOH	DOOR OPENING HEIGHT
DOW	DOOR OPENING WIDTH
DP	DAMPPROOFING
DR	DOOR
DS	DOWNSPOUT
DWG	DRAWING
EA	EACH
EIFS	EXTERIOR INSULATION FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRIC(AL)
ELEV	ELEVATOR, ELEVATION
ENCL	ENCLOSE(URE)
EQ	EQUAL
EQPT	EQUIPMENT
EWC	ELECTRIC WATER COOLER
EXH	EXHAUST
EXIST	EXISTING
EXP	EXPOSED
EXPN	EXPANSION
EXT	EXTERIOR
FAW	FLASHING & WEEPS
FD	FLOOR DRAIN
FDN	FOUNDATION
F/F	FACE TO FACE
FIN	FINISH(ED)
FL	FLOOR
FRP	FIBERGLASS REINFORCED POLYESTER
FT	FOOT(FEET)
FRT	FIRE RETARDANT TREATED
FTG	FOOTING
FUT	FUTURE
GA	GAGE
GAL	GALLON
GALV	GALVANIZE(D)
GL	GLASS
GRTG	GRATING
GWB	GYPSUM WALLBOARD
GYP	GYPSUM
H	HEIGHT, HIGH
HB	HOSE BIBB
HBD	HARDBOARD
HC	HANDICAPPED
HDW	DOOR OPENING WIDTH
HDWD	HARDWOOD
HM	HOLLOW METAL
HMD	HOLLOW METAL DOOR
HMF	HOLLOW METAL FRAME
HOR	HORIZONTAL
HPT	HIGH POINT
HR	HANDRAIL
HT	HEIGHT
HVAC	HEATING, VENTILATING & AIR CONDITIONING
HW	HOT WATER
ID	INSIDE DIAMETER
IN	INCH
INCL	INCLUSIVE
INSTL	INSTALL(ED)
INSUL	INSULATE(ED)(ING)(ION)
INT	INTERIOR
INTMD	INTERMEDIATE
ISOL	ISOLATION
JAN	JANITOR
JST	JOIST
JT	JOINT(S), POWER TRANSMITTER
KOP	KNOCKOUT PANEL
L	LENGTH, LINE, LONG
LAB	LABORATORY
LAM	LAMINATE
LAV	LAVATORY
LB	POUND
LF	LINEAR FOOT
LG	LENGTH, LONG
LIN	LINEAR
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LOC	LOCATION
LONG	LONGITUDINAL
LPT	LOW POINT
MACH	MACHINE
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MCT	MARMOLEUM COMPOSITE TILE
MDF	MEDIUM DENSITY FIBERBOARD
MECH	MECHANICAL
MEZZ	MEZZANINE
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MOH	MASONRY OPENING HEIGHT
MOW	MASONRY OPENING WIDTH
MT	MOUNT
MTL	METAL
MUL	MULLION
MWP	MEMBRANE WATERPROOFING
N	NORTH
NIC	NOT IN CONTRACT
NO.	NUMBER
NOM	NOMINAL
NST	NONSLIP TREAD
NTS	NOT TO SCALE
OAH	OVERALL HEIGHT
OAW	OVERALL WIDTH
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED OWNER INSTALLED
OFF	OFFICE
OH	OVERHEAD
OPNG	OPENING
OPP	OPPOSITE
O/O	OUT TO OUT
PI	PERIMETER INSULATION
PL	PLATE
PL	PROPERTY LINE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLYWD	PLYWOOD
PNLS	PANELING
PR	PAIR
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PRESSURE TREATED, POINT, POINT OF TANG.
PTN	PARTITION
PVC	POLYVINYL CHLORIDE, POINT OF VERTICAL CURVE
QT	QUARRY TILE
R	RADIUS,REACTION, RISER,RESISTANCE
RA	RETURN AIR
RAF	RESILIENT ATHLETIC FLOORING
RCP	REFLECTED CEILING PLAN
RCPT	RECEPTACLE(S)
RD	ROOF DRAIN
REF	REFERENCE
REINF	REINFORCE(MENT)(ING)
REQD	REQUIRED
REQMT	REQUIREMENT(S)
RESIL	RESILIENT
RET	RETURN
REV	REVERSE ACTING, REVISED, REVISION
RF	RETURN FAN, ROOF
RG	RETURN GRILLE
RM	ROOM
RO	ROUGH OPENING
RU	ROLL UP
S	SOLID, SOUTH, SWITCH
SA	STATUS ALARM, SUPPLY AIR
SCF	STEEL CHANNEL FRAME
SCHED	SCHEDULE
SECT	SECTION
SF	SQUARE FEET (FOOT)
SG	SUPPLY GRILLE
SGFU	STRUCTURAL GLAZED FACING UNITS
SH	SHEET
SIM	SIMILAR
SLP	SLOPE
SNT	SEALANT
SPEC	SPECIFICATION(S)
SPFI	SPRAY POLYURETHANE FOAM INSULATION
SPM	SINGLE PLY MEMBRANE
SQ	SQUARE
SST	STAINLESS STEEL
STC	SOUND TRANSMISSION COEFFICIENT
STD	STANDARD
STL	STEEL
STO	STORAGE
STRUCT	STRUCTURAL
SUSP	SUSPEND(ED)
SYM	SYMMETRICAL
SYS	SYSTEM
TEL	TELEPHONE
T&G	TONGUE AND GROOVE
THK	THICK(NESS)
THR	THRESHOLD
TOJ	TOP OF JOIST
TOS	TOP OF STEEL
TOT	TOTAL
TRD	TREAD
TRTD	TREATED
T'STAT	THERMOSTAT
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
UTIL	UTILITY
VCT	VINYL COMPOSITION TILE
VENT	VENTILATE
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VNR	VENEER
VTR	VENT THRU ROOF
VWC	VINYL WALL COVERING
W/	WITH
WC	WATER CLOSET, WATER COLUMN
WD	WOOD
WDO	WINDOW
W/O	WITHOUT
WOH	WINDOW OPENING HEIGHT
WOW	WINDOW OPENING WIDTH
WP	WEATHERPROOF, WORKING POINT
WRGWB	WATER RESISTANT GYPSUM WALLBOARD
WWF	WELDED WIRE FABRIC
W	WEST

SYMBOL LEGEND

PRE CAST ARCHITECTURAL CONCRETE "APC"
GYPSUM WALLBOARD
BRICK OR MASONRY VENEER
CONCRETE MASONRY UNITS "CMU"
RIGID INSULATION
BATT INSULATION
FINISH WOOD
PLYWOOD
CONCRETE
CRUSHED STONE BASE MATERIAL
EARTH
STEEL

A — COLUMN TAG

T.O.S. 0'-0" — ELEVATION MARKER

1 — WALL TYPE TAG

000 — DOOR TAG

A — GENERAL NOTE TAG

L-3 — LOUVER TAG

AL-1 W1 — WINDOW TAG

1 A6.5 — ELEVATION NUMBER; INTERIOR ELEVATION MARKER; ELEVATION SHOWN ON THIS SHEET

FINSH SCHEDULE TAG

1 C1 R1 F1 B1 2 3 4 — SOUTH WALL, CEILING, REMARKS, EAST WALL, WEST WALL, BASE, FLOOR, NORTH WALL

1 A2.1 — ELEV. NO. ELEVATION REFERENCE SYMBOL; ELEV. SHOWN ON THIS DWG

1 A6.1 — DETAIL NO. DETAIL REFERENCE SYMBOL; DETAIL SHOWN ON THIS DWG

1 A5.1 — SECTION NO. SECTION REFERENCE SYMBOL; SECTION SHOWN ON THIS DWG

2 — SECTION NO. SECTION REFERENCE SYMBOL 2; USED ON INT. ELEVS. WITH SEVERAL SECTIONS CUT FOUND ON A COMMON SHEET. SHEET NUMBER NOTED WITH SECTION DETAILS.

CONSTRUCTION SET

CRADDOCK CUNNINGHAM ARCHITECTURAL PARTNERS
ARCHITECTURE • PLANNING • INTERIOR DESIGN
10 9th Street, Lynchburg, Virginia 24504 p:434-846-8456 f:434-846-4534
www.craddockcunningham.com info@ccappc.com

INTERIOR RENOVATIONS FOR FIRE STATION NO. 3
FORT HILL AREA LYNCHBURG, VA. PROJECT NO: 12148

COMMONWEALTH OF VIRGINIA
CHAL C. CRADDOCK
Certificate No. 4114
03-21-2013
CERTIFIED ARCHITECT

WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR, ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.

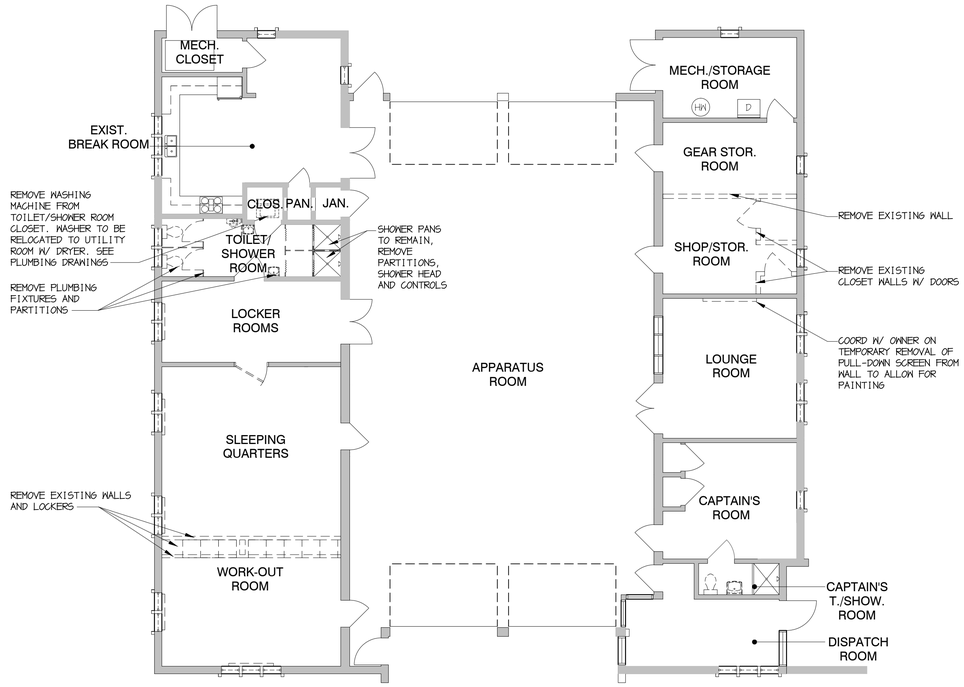
DESIGNED: MWS/TCC
DRAWN: TCC
CHECKED: MWS
DATE: 03-21-2013
REVISIONS:

COVER SHEET

CS1.1

©2007 CRADDOCK CUNNINGHAM ARCHITECTURAL PARTNERS, P.C. | REV. 2007-1

E:\Municipal\City of Lynchburg\Fire Station No. 3 - 12148\Drawing\Fire Station No.3\Sheets\12148-CS1.1 Cover Sheet.dwg 12148-CS1.1 Cover Sheet.dwg, 3/21/2013 5:30:14 PM

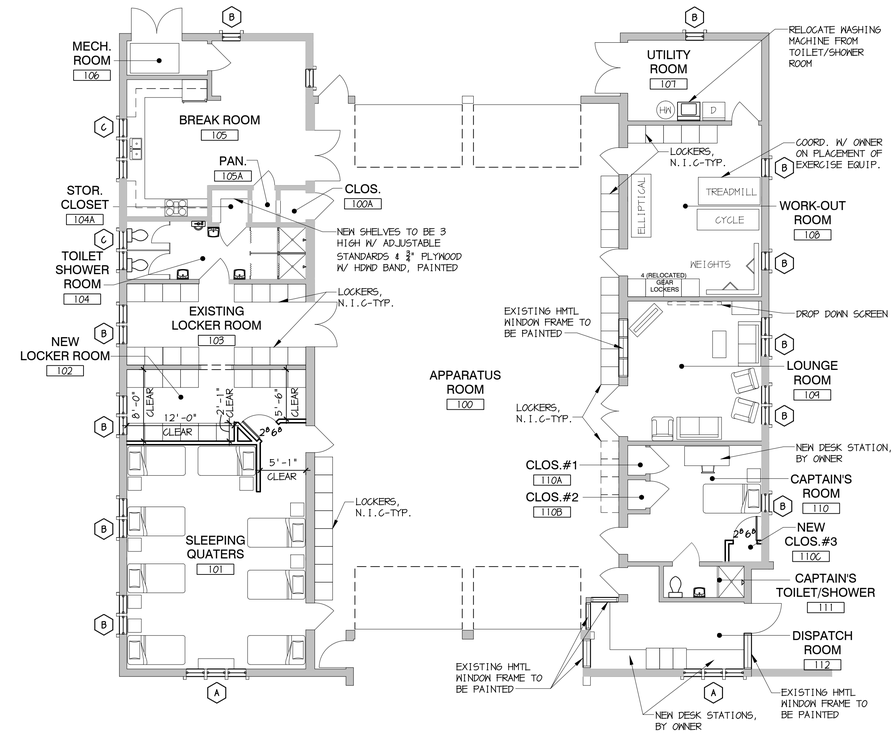


GENERAL DEMOLITIONS NOTES

1. REMOVE ALL EXISTING WINDOWS.
2. ALL FURNITURE AND ACCESSORIES TO BE TEMPORARY RELOCATED, GENERAL CONTRACTOR TO REVIEW AND COORDINATE WITH OWNER.
3. ALL EXISTING CEILING SYSTEMS AND LIGHTING FIXTURES TO BE REMOVED.
4. ALL EXISTING PLUMBING FIXTURES AND PARTITION WALLS IN THE TOILET/SHOWER ROOM AND THE CAPTAIN'S TOILET/SHOWER ROOM TO REMOVED, COORDINATE W/ OWNER ON ACCESSORY ITEMS TO BE REUSED.

1 / A1.1 **DEMOLITION PLAN**
1/8"=1'-0"

NORTH



GENERAL PLAN NOTES

1. INSTALL NEW WINDOW AS WHERE INDICATED W/ WINDOW TAG (X).
2. INSTALL ALL NEW PLUMBING FIXTURES WITHIN TOILET/SHOWER ROOM AND CAPTAIN'S TOILET/SHOWER ROOM, SEE PLUMBING SPECS.
3. PAINT ALL INTERIOR WALLS, DOORS AND FRAMES. PAINT ALL INTERIOR HOLLOW METAL WINDOWS FRAMES.
4. PAINT ALL EXTERIOR DOORS (EXCEPT APPARATUS BAY DOORS) AND METAL FRAMES. PAINT ALL EXTERIOR HOLLOW METAL WINDOW FRAMES.
5. NEW TOILET/SHOWER PARTITION WALLS TO BE INSTALLED AT EXISTING LOCATIONS.
6. NEW INTERIOR DOORS AT NEW LOCKER ROOM AND NEW CLOSET #3 TO BE PAINTED WOOD DOORS AND FRAMES.
7. COORDINATE WITH OWNER ON NEW PLACEMENT OF LOCKERS, FURITURE, WORK-OUT EQUIPMENT, AND OTHER ACCESSORIES.

2 / A1.1 **FLOOR PLAN**
1/8"=1'-0"

NORTH

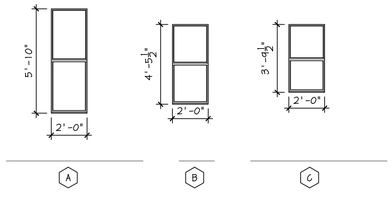
FINISH SCHEDULE

Tag	Space Name	Floor	Base	North Wall	South Wall	East Wall	West Wall	Ceiling	Ceiling Height	Remarks	Alts
MAIN FLOOR											
100	APPARATUS ROOM	EXIST. CONC.	---	PTD CMU	PTD CMU	PTD CMU	PTD CMU	2X2 CEILING	9'-0"		
100A	CLOSET	EXIST. CONC.	---	PTD CMU	PTD CMU	PTD CMU	PTD CMU	2X2 CEILING	9'-0"		
101	SLEEPING QUARTERS	VINYL TILE	VINYL	PTD GWB	PTD CMU	PTD CMU	PTD CMU	2X2 CEILING	9'-0"	EPOXY FLOOR AS ADD/ALT. ITEM	
102	NEW LOCKER ROOM	VINYL TILE	VINYL	PTD CMU	PTD GWB	PTD CMU	PTD CMU	2X2 CEILING	9'-0"	EPOXY FLOOR AS ADD/ALT. ITEM	
103	EXISTING LOCKER ROOM	SHEET VINYL	VINYL	PTD CMU	PTD CMU	PTD CMU	PTD CMU	2X2 CEILING	9'-0"	EPOXY FLOOR AS ADD/ALT. ITEM	
104	TOILET/SHOWER ROOM	EXIST. TILE	---	EXIST. TILE	EXIST. TILE	EXIST. TILE	EXIST. TILE	2X2 CEILING	9'-0"		
104A	STORAGE CLOSET	EXIST. TILE	---	EXIST. TILE	EXIST. TILE	EXIST. TILE	EXIST. TILE	2X2 CEILING	9'-0"		
105	BREAK ROOM	SHEET VINYL	VINYL	PTD CMU	PTD CMU	PTD CMU	PTD CMU	2X2 CEILING	9'-0"	EPOXY FLOOR AS ADD/ALT. ITEM	
105A	PANTRY CLOSET	SHEET VINYL	VINYL	PTD CMU	PTD CMU	PTD CMU	PTD CMU	2X2 CEILING	9'-0"	EPOXY FLOOR AS ADD/ALT. ITEM	
106	MECHANICAL ROOM	EXIST. CONC.	---	PTD CMU	PTD CMU	PTD CMU	PTD CMU	2X2 CEILING	9'-0"		
107	UTILITY ROOM	VINYL TILE	VINYL	PTD CMU	PTD CMU	PTD CMU	PTD CMU	2X2 CEILING	9'-0"	EPOXY FLOOR AS ADD/ALT. ITEM	
108	WORK-OUT ROOM	EXIST. CONC.	---	PTD CMU	PTD CMU	PTD CMU	PTD CMU	2X2 CEILING	9'-0"		
109	LOUNGE ROOM	VINYL TILE	VINYL	PTD CMU	PTD CMU	PTD CMU	PTD CMU	2X2 CEILING	9'-0"	EPOXY FLOOR AS ADD/ALT. ITEM	
110	CAPTAIN'S ROOM	VINYL TILE	VINYL	PTD CMU	PTD CMU	PTD CMU	PTD CMU	2X2 CEILING	8'-5"	EPOXY FLOOR AS ADD/ALT. ITEM	
110A	CLOSET #1	VINYL TILE	VINYL	PTD GWB	PTD CMU	PTD GWB	PTD CMU	2X2 CEILING	8'-5"	EPOXY FLOOR AS ADD/ALT. ITEM	
110B	CLOSET #2	VINYL TILE	VINYL	PTD GWB	PTD CMU	PTD GWB	PTD GWB	2X2 CEILING	8'-5"	EPOXY FLOOR AS ADD/ALT. ITEM	
110C	CLOSET #3	VINYL TILE	VINYL	PTD CMU	PTD GWB	PTD CMU	PTD GWB	2X2 CEILING	8'-5"	EPOXY FLOOR AS ADD/ALT. ITEM	
111	CAPTAIN'S TOILET/SHOWER RM.	EXIST. TILE		EXIST. TILE	EXIST. TILE	EXIST. TILE	EXIST. TILE	2X2 CEILING	9'-0"	VERIFY CLG HEIGHT W/ EXISTING HEIGHT	
112	DISPATCH ROOM	VINYL TILE	VINYL	PTD CMU	PTD CMU	PTD CMU	PTD CMU	2X2 CEILING	9'-0"	EPOXY FLOOR AS ADD/ALT. ITEM	

NOTES

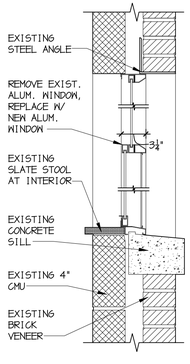
1. INSTALL NEW CEILING GRID AT EXISTING CEILING HEIGHT LOCATION, V.I.F. INDICATED HEIGHTS.
2. PROFESSIONALLY CLEAN ALL EXISTING WALL AND FLOOR TILE WITHIN TOILET/SHOWER ROOM AND CAPTAIN'S TOILET/SHOWER ROOM.

INSTALL HORIZONTAL LOUVER BLINDS AT ALL WINDOWS, SEE SPECS



*SINGLE HUNG WINDOWS ALUMINUM WITH CLEAR INSULATED GLASS

3 / A1.1 **WINDOW OPENINGS**
1/4"=1'-0"



4 / A1.1 **TYPICAL WINDOW SECTION**
1-1/2"=1'-0"

CRADDOCK CUNNINGHAM ARCHITECTURAL PARTNERS
ARCHITECTURE + PLANNING + INTERIOR DESIGN
10 9th Street, Lynchburg, Virginia 24504 p:434-846-8456 f:434-846-4534
www.craddockcunningham.com info@ccappc.com

INTERIOR RENOVATIONS FOR FIRE STATION NO. 3

FORT HILL AREA LYNCHBURG, VA. PROJECT NO: 12148

COMMONWEALTH OF VIRGINIA
CHAL C. CRADDOCK
Certificate No. 4114
03-21-2013
CERTIFIED ARCHITECT

WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR, ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.

DESIGNED: MWS/TCC
DRAWN: TCC
CHECKED: MWS
DATE: 03-21-2013
REVISIONS:

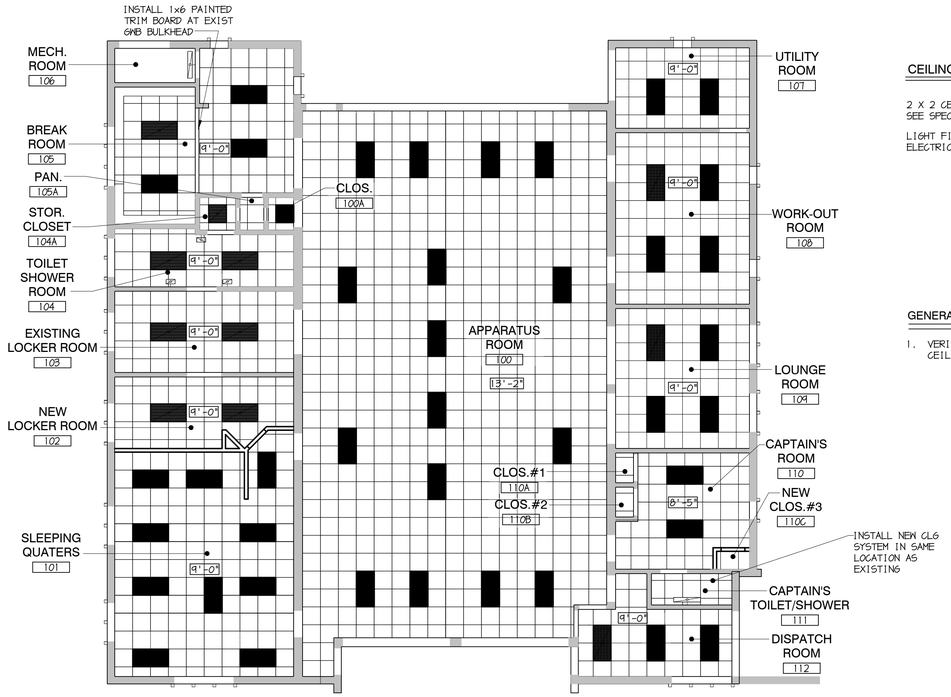
PLANS AND FINISH SCHEDULE

CONSTRUCTION SET

A1.1

©2007 CRADDOCK CUNNINGHAM ARCHITECTURAL PARTNERS, P.C. | REV. 2007-1

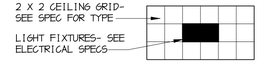
E:\Municipal\City of Lynchburg\Fire Station No.3 - 12148\Drawing\Fire Station No.3\Sheets\12148-A1.1 First Floor Plan.dwg 12148-A1.1 First Floor Plan.dwg 3/21/2013 5:30:21 PM



1 / A1.2 REFLECTED CEILING FLOOR PLAN
1/8"=1'-0"

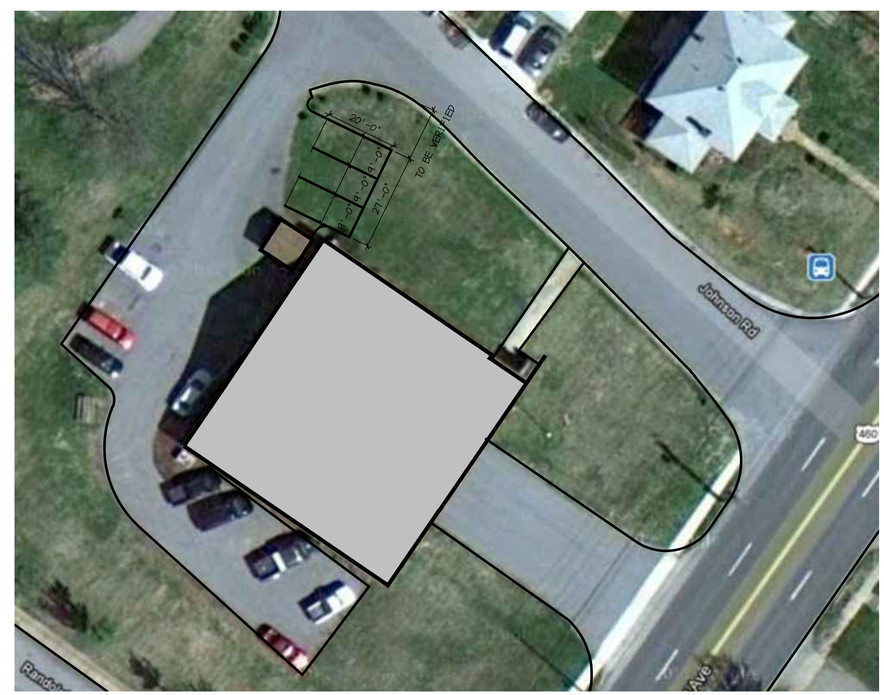
NORTH

CEILING FINSIHES LEGEND



GENERAL REFLECTED CEILING NOTES

1. VERIFY ALL NEW CEILING HEIGHTS WITH EXISTING CEILING GRID LOCATIONS.



2 / A1.2 ARCHITECTURAL SITE PLAN
1"=20'-0"

NORTH

CRADDOCK CUNNINGHAM ARCHITECTURAL PARTNERS

ARCHITECTURE + PLANNING + INTERIOR DESIGN
10 9th Street, Lynchburg, Virginia 24504 p:434-846-8456 f:434-846-4534
www.craddockcunningham.com info@ccappc.com

INTERIOR RENOVATIONS FOR FIRE STATION NO. 3

FORT HILL AREA LYNCHBURG, VA. PROJECT NO: 12148

COMMONWEALTH OF VIRGINIA
CHAL C. CRADDOCK
Certificate No. 4114
03-21-2013
CERTIFIED ARCHITECT

WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR, ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.

DESIGNED: ---
DRAWN: TCC
CHECKED: MWS
DATE: 03-21-2013
REVISIONS:

REFLECTED CEILING PLAN AND SITE PLAN

CONSTRUCTION SET

A1.2

©2007 CRADDOCK CUNNINGHAM ARCHITECTURAL PARTNERS, P.C. | REV. 2007-1

E:\Municipal\City of Lynchburg\Fire Station No. 3 - 12148\Drawing\Fire Station No.3\Sheets\12148-A1.2 Reflected Ceiling Plan.dwg, 12148-A1.2 Reflected Ceiling Plan, 3/21/2013 5:30:26 PM

NORTH

DEMOLITION PLAN

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

HVAC DEMOLITION NOTES

1. REMOVE EXISTING SPLIT SYSTEM INDOOR AIR HANDLING UNIT, OUTDOOR UNIT, REFRIGERANT PIPING AND CONTROLS. PROFESSIONALLY CLEAN, DUCTWORK TO REMAIN, RESEAL AND INSULATE WHERE INSULATION IS REMOVED OR DAMAGED.
2. REMOVE EXISTING ELECTRIC HEATER AND CONTROLS.
3. REMOVE GRILLE, CLEAN, REPAINT AND RE-INSTALL.
4. REMOVE GRILLE, CLEAN, REPAINT AND RELOCATE TO WITHIN NEW ROOM 101. REFER TO MP1.2.

PLUMBING DEMOLITION NOTES

1. REMOVE EXISTING TANK TYPE WATER CLOSET.
2. REMOVE EXISTING URINAL.
3. REMOVE EXISTING FAUCET AND DRAIN FITTINGS FROM WALL HUNG LAVATORY.
4. REMOVE EXISTING SHOWER VALVE AND SHOWER HEAD.
5. REMOVE AND CAP EXISTING WASHING MACHINE SUPPLY AND SANITARY PIPING.

REVISIONS:

COMMONWEALTH OF VIRGINIA
CHRISTOPHER L. SNYDER
Lic. No. 046584
2-28-2013
PROFESSIONAL ENGINEER

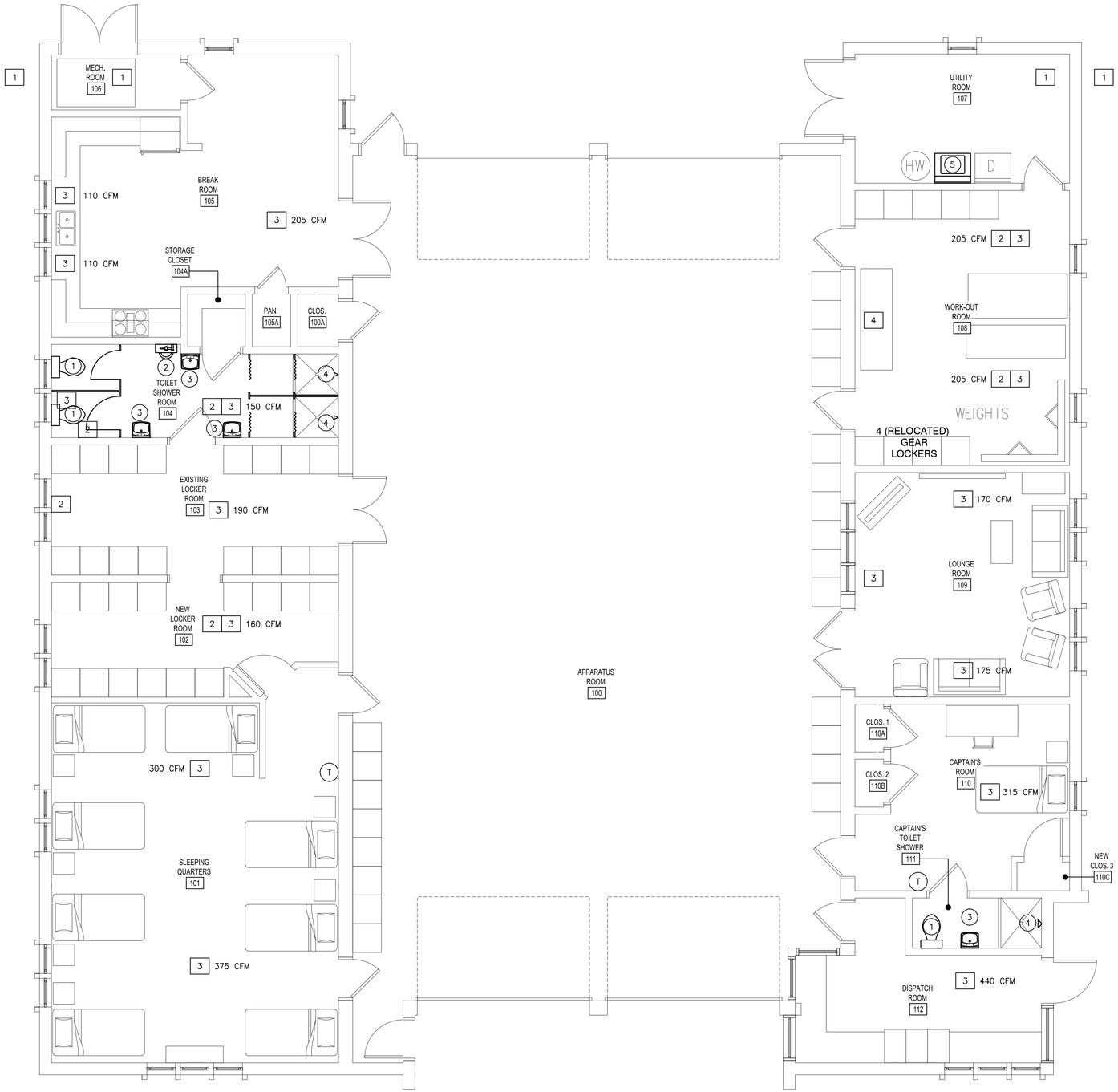
MASTER ENGINEERS & DESIGNERS
904 Lakeside Drive, Lynchburg, VA 24501
434-846-1350 Fax: 434-846-1351

INTERIOR RENOVATIONS FOR
FIRE STATION NO. 3
PROJECT NO: 12148
FORT HILL AREA
LYNCHBURG, VIRGINIA

MECHANICAL & PLUMBING DEMOLITION PLAN

DATE ISSUED:	02-28-13
SCALE:	AS NOTED
JOB. NO.	262-213
DESIGNED:	CLS
DRAWN:	DAC
CHECKED:	CLS
APPROVED:	CLS

DRAWING NO.
MP1.1
SHEET 1 OF 2
REVISION



NORTH

PLAN @ FLOOR

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

HVAC CONSTRUCTION NOTES

ALL WORK SHALL COMPLY WITH IMC 2009, VUBC AND ALL LOCAL CODES AND ORDINANCES.

1. INSTALL AIR HANDLING UNIT EQUAL TO TRANE MODEL 4TEE3F49 WITH R-410A HEAT PUMP COIL AND BAYHTR3415 000, SINGLE POINT, 240VOLT/3PH, 15.36KW ELECTRIC BACKUP HEATING COIL MATCHED TO AN OUTDOOR HEAT PUMP MODEL 2TWA3048A3. INSTALL WITH MANUFACTURER'S RECOMMENDED REFRIGERANT LINES AND SPECIALTIES AND WITH PROGRAMMABLE ELECTRIC WALL MOUNT THERMOSTAT.
2. INSTALL NEW CEILING DIFFUSER EQUAL TO METAL*AIRE MODEL 5000-1-D5-TR 18"X18", FOUR-WAY AIR PATTERN WITH 10" DIAMETER NECK, FLEXMASTER TYPE 9M INSULATED FLEXIBLE DUCT AND SPIN-IN DAMPER. CONNECT TO EXISTING SUPPLY AIR DUCT.
3. BALANCE SUPPLY AIR SYSTEM TO DELIVER AIR FLOW RATES INDICATED ON PLAN.
4. INSTALL NEW RETURN REGISTER EQUAL TO METAL*AIRE MODEL 7000R-1-D7, 18"X18" AND CONNECT TO EXISTING RETURN AIR DUCT WITH 18"X8" DUCT.

PLUMBING CONSTRUCTION NOTES

ALL WORK SHALL COMPLY WITH IPC 2009, VUSBC AND ALL LOCAL CODES AND ORDINANCES.

1. INSTALL NEW TANK TYPE WATER CLOSET EQUAL TO AMERICAN STANDARD CHAMPION ELONGATED MODEL 2002.012 AND NEW ANGLE WATER SUPPLY STOP VALVE.
2. INSTALL NEW URINAL EQUAL TO AMERICAN STANDARD MODEL 6501.010 WITH SLOAN ROYAL MODEL 186 FLUSH VALVE.
3. INSTALL NEW DRAIN AND FITTINGS AND INSTALL NEW FAUCET EQUAL TO MOEN MODEL 8430.
4. INSTALL NEW SHOWER VALVE AND SHOWER HEAD EQUAL TO MOEN MODEL 8325.
5. RELOCATE AND REPIPE EXISTING HOT WATER RECIRCULATION PUMP AND PIPING TO PERMIT INSTALLATION OF WASHING MACHINE IN THIS LOCATION. INSTALL NEW WASTE, VENT AND SUPPLY PIPING FOR WASHING MACHINE. INSTALL ¼ TURN STOP VALVES ON HOT AND COLD WATER SUPPLY.

REVISIONS:

COMMONWEALTH OF VIRGINIA
CHRISTOPHER L. SNYDER
Lic. No. 046584
2-28-2013
PROFESSIONAL ENGINEER

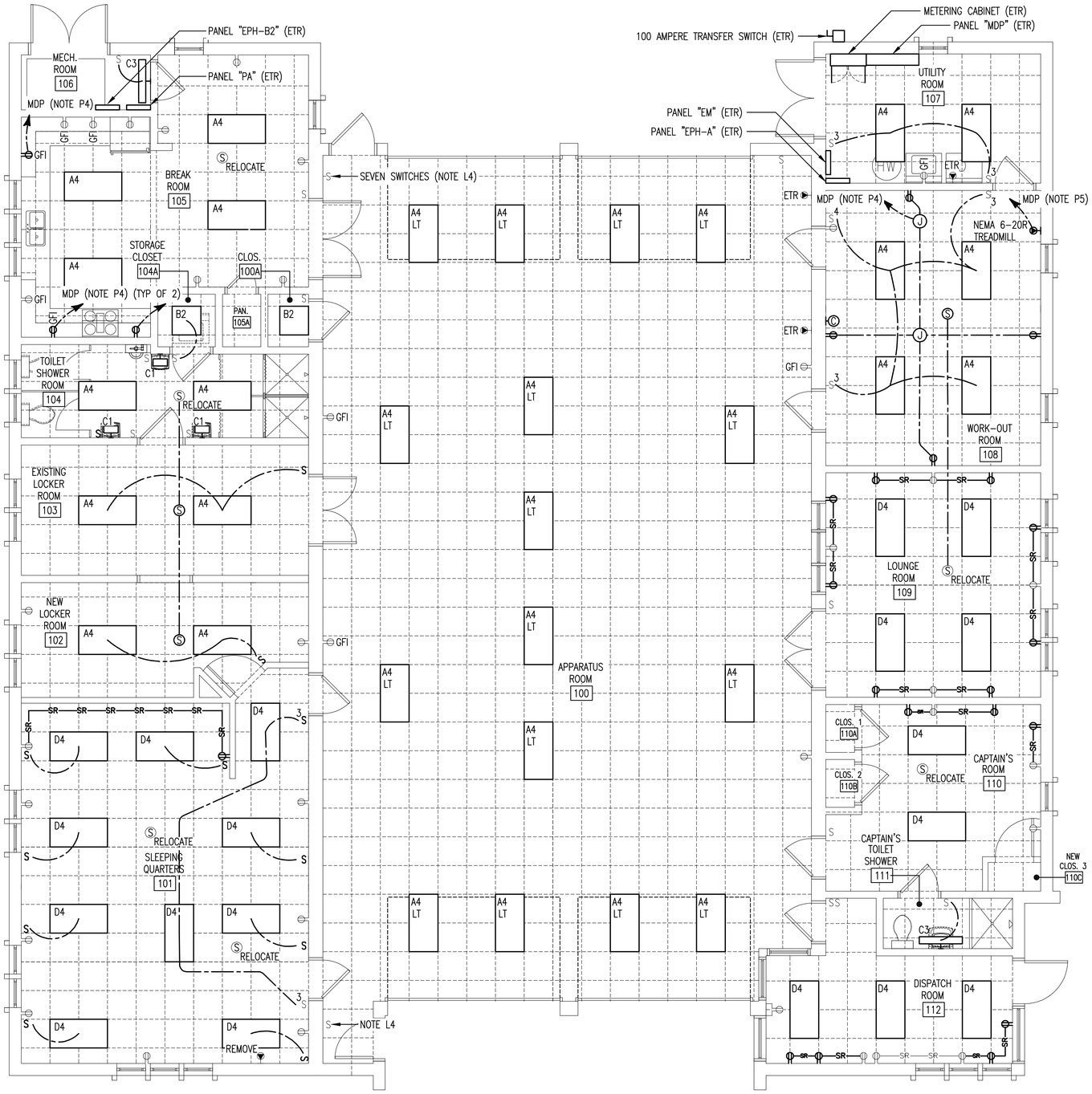
MASTER ENGINEERS & DESIGNERS
904 Lakeside Drive, Lynchburg, VA 24501
434-846-1350 Fax: 434-846-1351

INTERIOR RENOVATIONS FOR
FIRE STATION NO. 3
PROJECT NO: 12148
FORT HILL AREA
LYNCHBURG, VIRGINIA

MECHANICAL & PLUMBING
NEW WORK
FLOOR PLAN

DATE ISSUED:	02-28-13
SCALE:	AS NOTED
JOB. NO.	262-213
DESIGNED:	CLS
DRAWN:	DAC
CHECKED:	CLS
APPROVED:	CLS

DRAWING NO.
MP1.2
SHEET OF 2
REVISION



PLAN

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

NORTH

LIGHT FIXTURE SCHEDULE

A4	LITHONIA 2GT8-432-A19-1/4-GEB10IS-LP735
A4-LT	SIMILAR TO A4 EXCEPT WITH LOW TEMPERATURE BALLAST
B2	LITHONIA 2GTA-417-A19-1/4-GEB10IS-LP735
C1	LITHONIA W1-U16-A19-MVOLT-GEB10IS-LP735
C3	LITHONIA W1-232-A19-MVOLT-GEB10IS-LP735
D4	LITHONIA 2GT8-432-PC2S-GEB10IS-LP735

NOTES

GENERAL

G1. ALL WIRING SHALL BE 600 VOLT THWN IN EMT, UON.

LIGHTING

L1. REPLACE ALL LIGHT FIXTURES AS SCHEDULED.

L2. REPLACE ALL LIGHT SWITCHES WITH SPECIFICATION GRADE, 120 / 277 VOLT SWITCHES AND DEVICE PLATES. SWITCH COLOR SHALL BE GREY. FOR NEW SWITCHES, PROVIDE STAINLESS STEEL DEVICE PLATES.

L3. UNLESS A SWITCHING CONFIGURATION IS INDICATED, REUSE EXISTING WIRING.

L4. WHERE NOTED, VERIFY WHETHER SWITCH(ES) ARE 1/W OR 3/W AND REPLACE WITH SIMILAR TYPE.

POWER

P1. REPLACE ALL NEMA 5-15 AND 5-20 RECEPTACLES WITH NEMA 5-20, SPECIFICATION GRADE RECEPTACLES. RECEPTACLE COLOR SHALL BE GREY. FOR NEW RECEPTACLES, PROVIDE STAINLESS STEEL DEVICE PLATES. FOR EXISTING, WEATHERPROOF RECEPTACLES, REUSE WEATHERPROOF DEVICE PLATE.

P2. EXISTING RECEPTACLES AND EXISTING SURFACE RACEWAY IS SHOWN LIGHT.

P3. WHERE GFI RECEPTACLES ARE SHOWN, EACH RECEPTACLE SHALL HAVE A GROUND FAULT TRIP. DO NOT USE FEEDTHRU FEATURE TO PROTECT DOWNSTREAM RECEPTACLE(S).

P4. INSTALL A 1-POLE, 20 AT BREAKER IN PANEL "MDP" AND CONNECT THERETO USING 2 #12 & 1 #12 EGC - 3/4" EMT.

P5. INSTALL A 2-POLE, 20 AT BREAKER IN PANEL "MDP" AND CONNECT THERETO USING 2 #12 & 1 #12 EGC - 3/4" EMT.

P6. MC CABLE MAY BE USED WHERE CONCEALED AND ALLOWED BY CODE. HOMERUNS TO PANELBOARDS SHALL BE EMT.

P7. REMOVE ALL CONDUIT AND WIRING ASSOCIATED WITH ARCHITECTURAL AND HVAC DEMOLITION. WHERE ACCESSIBLE FOR REMOVAL, REMOVE BACK TO PANELBOARD.

P8. BEFORE SUBSTANTIAL COMPLETION, INSTALLY NEWLY-TYPED, UPDATED PANELBOARD DIRECTORY CARDS.

P9. PROVIDE POWER TO AIR HANDLING UNITS AND HEAT PUMPS SHOWN ON MECHANICAL DRAWINGS. FEED FROM NEW CIRCUIT BREAKERS IN PANELS "EPH-A" AND "EPH-B".

FIRE DETECTION AND ALARM SYSTEM

INSTALL AN ADDRESSABLE FIRE DETECTION AND ALARM SYSTEM. INSTALL COMBINATION AUDIBLE / VISUAL EVACUATION NOTIFICATION DEVICES IN ALL SPACES. INSTALL INTELLIGENT SMOKE DETECTORS IN ALL SPACES EXCEPT BREAK ROOM. INSTALL HEAT DETECTOR(S) IN BREAK ROOM. DEVICES MAY BE BATTERY-BACKUP, WIRELESS IF LESS EXPENSIVE THAN A HARD-WIRED SYSTEM.

LEGEND

	LIGHT FIXTURE, FLUORESCENT, RECESSED, 2'x4', 2'x2'
	LIGHT FIXTURE, FLUORESCENT, WALL BRACKET, UP- AND DOWN-LIGHT, 3', 1'
	RECEPTACLE, NEMA 5-20R, NEW, EXISTING TO BE REPLACED
	RECEPTACLE, NEMA 6-20R, NEW, EXISTING TO BE REMOVED
	SPEAKER, NEW, ETR (WHERE INDICATED, RELOCATE EXISTING SPEAKER)
	CLOCK RELOCATED FROM FORMER WORK-OUT ROOM
	CONDUIT RUN EXPOSED
	CONDUIT CONCEALED ABOVE LAY-IN CEILING OR WITHIN WALL. WHERE A DEVICE IS SHOWN TO BE INSTALLED ON AN EXISTING MASONRY WALL, SURFACE METAL RACEWAY MAY BE USED AND SHALL BE OF SAME TYPE PRESENTLY EXISTING.
—SR—	SURFACE RACEWAY
AT	AMPERE TRIP
EGC	EQUIPMENT GROUNDING CONDUCTOR
EMT	ELECTRICAL METALLIC THINWALL CONDUIT
ETR	EXISTING, TO REMAIN
UON	UNLESS OTHEWISE NOTED

4' 0' 4' 8'
1/4" = 1'-0"
GRAPHIC SCALE

REVISIONS:

COMMONWEALTH OF VIRGINIA
WALTER G. MILES
Lic. No. 6740
2/28/13
PROFESSIONAL ENGINEER

MASTER ENGINEERS & DESIGNERS
904 Lakeside Drive, Lynchburg, VA 24501
434-846-1350 Fax: 434-846-1351

INTERIOR RENOVATIONS FOR
FIRE STATION NO. 3
PROJECT NO. 12148
FORT HILL AREA
LYNCHBURG, VIRGINIA

ELECTRICAL

DATE ISSUED:	02-28-13
SCALE:	GRAPHIC
JOB. NO.	262-213
DESIGNED:	WGM
DRAWN:	WGM
CHECKED:	WGM
APPROVED:	WGM

DRAWING NO. E1
SHEET 1 OF
REVISION

P:\262 Lynchburg City\213 - Fire Station 3 MEP\Drawings\Electrical\262-213_e1.1.dwg, 2/28/2013 4:15:18 PM