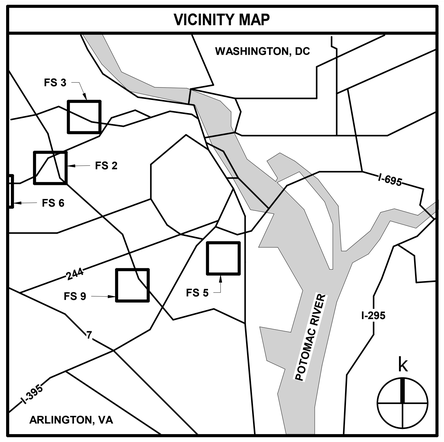
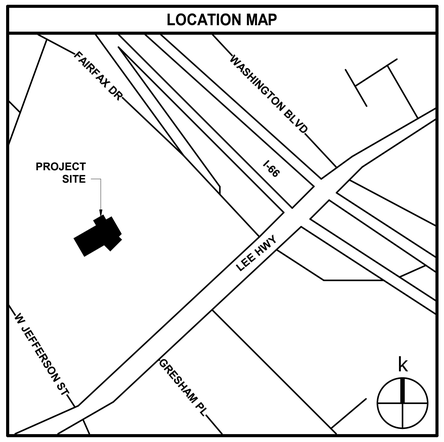




PERMIT SET

KELLY DAY RENOVATIONS FS 6

6950 Little Falls Rd, Arlington, VA 22213

563006

MOSELEYARCHITECTS

3200 NORFOLK STREET, RICHMOND, VA 23230
PHONE (804) 794-7555 FAX (804) 355-5690

MOSELEYARCHITECTS.COM

DRAWING INDEX

POINTS OF CONTACT

ARCHITECT:
ANDREW MCVEIGH - PROJECT MANAGER
MOSELEY ARCHITECTS
804-545-6110
AMCVEIGH@MOSELEYARCHITECTS.COM

OWNER:
MICHAEL MANOS - PROJECT MANAGER
ARLINGTON COUNTY, VIRGINIA
703-228-4437
MMANOS@ARLINGTONVA.US

USER:
CAPTAIN RICHARD SLUSHER
ARLINGTON COUNTY FIRE DEPARTMENT
RSLUSHER@ARLINGTONVA.US

HAZARDOUS MATERIALS:
IT IS NOT ANTICIPATED THAT THE CONTRACTOR WILL ENCOUNTER HAZARDOUS MATERIALS WHILE EXECUTING THE WORK. THE EXISTING BUILDINGS HAVE NOT BEEN TESTED FOR THE PRESENCE OF HAZARDOUS MATERIALS. DURING THE COURSE OF THE WORK, IF THE CONTRACTOR HAS REASON TO SUSPECT THE PRESENCE OF HAZARDOUS MATERIALS, STOP WORK AND IMMEDIATELY NOTIFY THE OWNER AND ARCHITECT.

THE CONTRACT DOCUMENTS ARE COMPLEMENTARY, AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL.
IN CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE BETTER QUALITY. IN CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE GREATER QUANTITY OF WORK.

MOSELEYARCHITECTS
3200 NORFOLK STREET, RICHMOND, VA 23230
PHONE (804) 794-7555 FAX (804) 355-5690
MOSELEYARCHITECTS.COM

COMMONWEALTH OF VIRGINIA
ANTHONY J. BELL III
Lic No. 009147
9/22/2021
ARCHITECT

KELLY DAY RENOVATIONS FS 6
563006
6950 Little Falls Rd, Arlington, VA 22213
Owner: Arlington County

PROJECT NO: 563006
DATE: SEPTEMBER 22, 2021

REVISIONS	
DATE	DESCRIPTION

COVER - FS6

9/23/2021 11:06:38 AM

FINISH SCHEDULE GENERAL NOTES

A. FINISH SCHEDULE DESCRIBES ONLY THE BASIC OR PREDOMINANT SURFACE FINISH.

B. PROVIDE SAME FINISHES AS THE ADJACENT SPACE IN ALCOVES AND CONTINUOUS SPACES WITHOUT DESIGNATED SPACE NUMBERS.

C. DIRECTIONAL WALL FINISH INDICATORS (NORTH, EAST, SOUTH, WEST) REFER TO THE "PLAN" NORTH ORIENTATION.

D. BULKHEADS AND SOFFITS MAY NOT BE INDICATED IN FINISH SCHEDULES. REFER TO RCP DETAILS, AND OTHER DOCUMENTS FOR EXTENT.

E. PROVIDE CONTINUOUS SEALANT BETWEEN INTERIOR SLAB-ON-GRADE AND VERTICAL ELEMENT WHERE JOINT IS NOT CONCEALED BY FINISH BASE OR OTHER CONSTRUCTION.

F. WHERE PATCHING FLOORS OR WALL BASES, MATCH THE ADJACENT MATERIALS. IF EXACT MATCHES CANNOT BE PROCURED, COORDINATE WITH THE OWNER AND PROVIDE SIMILAR MATERIAL.

G. ATTIC STOCK AVAILABLE FOR FS6 FLOOR TILE. COORDINATE WITH OWNER.

ARCHITECTURAL ABBREVIATIONS

A-PT	ACCENT PAINT
ABS	AIR BARRIER SYSTEM
ABV	ABOVE
ACP	ACOUSTICAL CEILING PANEL
ACT	ACOUSTICAL CEILING TILE
ACW	ALUMINUM CLAD WINDOW
ADJ	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITY HAVING JURISDICTION
AHU	AIR HANDLING UNIT
ALT	ALTERNATE
ALUM	ALUMINUM
AP	ACCESS PANEL
APC	ARCHITECTURAL PRECAST CONCRETE
ARC	ABUSE RESISTANT COATING
AS	ALUMINUM STOREFRONT
AUTO	AUTOMATIC
AVG	AVERAGE
AW	ALUMINUM WINDOW
AWC	ACOUSTICAL WALL COVERING
AWP	ACOUSTICAL WALL PANEL
BD	BOARD
BF	BARRIER FREE (ADA or A117.1)
BLDG	BUILDING
BLKG	BLOCKING
BOT	BOTTOM
BRG	BEARING
BTWN	BETWEEN
BUR	BUILT-UP ROOF
C	CARPET
C-TILE	CARPET TILE
CAB	CABINET
CB	CHALKBOARD
CCTV	CLOSED CIRCUIT TELEVISION
CEM	CEMENT
CFSF-NS	COLD FORMED STEEL FRAMING, NON-STRUCTURAL
CFSF-S	COLD FORMED STEEL FRAMING, STRUCTURAL
CG	CORNER GUARD
CI	CONTINUOUS INSULATION
CIPC	CAST IN PLACE CONCRETE
CJ	CONTROL JOINT
CL	CLOSET
CLG	CEILING
CLR	CLEAR
CM	CENTIMETER
CMBD	CEMENT BOARD
CMU	CONCRETE MASONRY UNIT
CMU-A	CONCRETE MASONRY UNIT - ACOUSTICAL
CMU-GF	CONCRETE MASONRY UNIT - GROUND FACE
CMU-GLZ	CONCRETE MASONRY UNIT - GLAZED
CMU-SPLF	CONCRETE MASONRY UNIT - SPLIT FACE
CO	CLEANOUT
COL	COLUMN
CONC	CONCRETE
CONC-LH	CONCRETE WITH LIQUID HARDENER/SEALER
CONC-PMT	CONCRETE WITH PIGMENT
CONC-POL	CONCRETE - POLISHED
CONC-SLR	CONCRETE WITH CURE & SEAL
CONC-ST	CONCRETE WITH STAIN
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
CORR	CORRIDOR
CSMU	CAST STONE MASONRY UNIT
CT	CERAMIC TILE
CTSK	COUNTERSINK, COUNTERSUNK
CU FT	CUBIC FEET / FOOT
CUST	CUSTODIAN / CUSTODIAL
CW	ALUMINUM CURTAIN WALL
CWFD	CEMENTITIOUS WOOD FIBER DECK
D	DEPTH/DEEP
DBL	DOUBLE
DEMO	DEMOLITION
DETE	DETENTION
DF	DRINKING FOUNTAIN
DG	DOOR GRILLE
DHM	DETENTION HOLLOW METAL
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DIV	DIVISION
DL	DOOR LOUVER
DN	DOWN
DP	DAMPPROOFING
DR	DISPLAY RAIL
DS	DOWNSPOUT
DTL	DETAIL
DWG	DRAWING
DWR	DRAWER
EA	EACH
EF	EXHAUST FAN
EFS	EXTERIOR FINISH SYSTEM
EIFS	EXTERIOR INSULATION & FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELAS	ELASTOMERIC
ELEC	ELECTRICAL
ELEV	ELEVATOR
EMER	EMERGENCY
EPS	EXPANDED POLYSTYRENE
EPX	EPOXY
EQ	EQUAL
EQUIP	EQUIPMENT
ETR	EXISTING TO REMAIN
EWC	ELECTRIC WATER COOLER
EX	EXISTING
EXH	EXHAUST
EXP	EXPANSION
EXPC	EXPOSED CONSTRUCTION
EXT	EXTERIOR
FAAF	FLUID APPLIED ATHLETIC FLOORING
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FEB	FIRE EXTINGUISHER BRACKET
FEC	FIRE EXTINGUISHER CABINET
FF	FINISHED FLOOR
FGL	FIBERGLASS
FH	FIRE HYDRANT
FHC	FIRE HOSE CABINET
FHVC	FIRE HOSE VALVE CABINET
FIN	FINISHED
FLR	FLOOR
FLRG	FLOORING
FND	FOUNDATION
FO	FACE OF
FRM	FRAME
FRP	FIBERGLASS REINFORCED PLASTIC
FRT	FIRE RETARDANT TREATED
FT	FOOT, FEET
FTG	FOOTING
FURN	FURNITURE
FVC	FIRE VALVE CABINET
FWC	FABRIC WALL COVERING
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GB	GYPSUM BOARD
GB-AR	GYPSUM BOARD - ABUSE RESISTANT
GB-IR	GYPSUM BOARD - IMPACT RESISTANT
GB-S	GYPSUM BOARD - SECURITY
GFRC	GLASS FIBER REINFORCED CONCRETE
GFRG	GLASS FIBER REINFORCED GYPSUM
GL	GLASS, GLAZING
GL-BLK	GLASS BLOCK
GPM	GALLONS PER MINUTE
GRT	GROUT
GSFT	GLAZED STRUCTURAL FACING TILE
GT	GLASS TILE
GWT	GLAZED WALL TILE
GYP	GYPSUM
H	HIGH
HB	HOSE BIBB
HBD	HARDBOARD
HDC	HOLD DOWN CLIPS
HDNR	HARDENER
HDWD	HARDWOOD
HDWR	HARDWARE
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HPC	HIGH PERFORMANCE COATINGS
HPFP	HIGH PERFORMANCE FLOOR PAINT
HT	HEIGHT
HVAC	HEATING, VENTILATING, AIR CONDITIONING
ID	INSIDE DIAMETER
IN	INCH, INCHES
INCL	INCLUDE, INCLUDING
INFO	INFORMATION
INST	INSTALLATION
INSUL	INSULATION
INT	INTERIOR
IRWC	IMPACT RESISTANT WALL COVERING
IWB	INTERACTIVE WHITE BOARD
JAN	JANITOR
JCT	JUNCTION
JT	JOINT
L	LENGTH/LONG
LAB	LABORATORY
LAHJ	LOCAL AUTHORITY HAVING JURISDICTION
LAM	LAMINATE
LAV	LAVATORY
LH	LEFT HAND
LIN	LINOLEUM
LKR	LOCKER
LMC	LINEAR METAL CEILING
LPS	LAMINATE PANEL SYSTEM
LT	LIGHT
LVR	LOUVER
M	METER
MACH	MACHINE
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MB	MARKERBOARD
MCM	METAL COMPOSITE MATERIAL
MCP	METAL CEILING PANEL
MDO	MEDIUM DENSITY OVERLAY
MECH	MECHANICAL
MED	MEDIUM
MEMB	MEMBRANE
MFR	MANUFACTURER
MIF	MULTICOLOR INTERIOR FINISHING
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
MLDG	MOLDING
MO	MASONRY OPENING
MPS	MANUAL PROJECTION SCREEN
MR	MAP RAIL
MT	MOUNT
MTD	MOUNTED
MTL	METAL
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO.	NUMBER
NOM	NOMINAL
NRC	NOISE REDUCTION COEFFICIENT
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OPNG	OPENING
OPP HD	OPPOSITE HAND
OVHD	OVERHEAD
P-TILE	PORCELAIN TILE
PC	PRECAST
PERF	PERFORATED, PERFORATION(S)
PERIM	PERIMETER
PIP	POURED IN PLACE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLWD	PLASTIC LAMINATE WOOD
PLYWD	PLYWOOD
PNL	PANEL, PANELING
POLY	POLYETHYLENE
PPS	POWER PROJECTION SCREEN
PPT	PRESSURE- OR PRESERVATIVE-TREATED
PR	PAIR
PREFAB	PREFABRICATED
PREFIN	PREFINISHED
PREP	PREPARE / PREPARATION
PS	PROJECTION SCREEN
PSB	PENCIL SHARPENER BLOCK
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PAINT
PTN	PARTITION
PTS	PNEUMATIC TUBE SYSTEM
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
PVWC	PERFORATED VINYL WALL COVERING
QSM	QUARTZ SURFACING MATERIAL
QT	QUARRY TILE
QTY	QUANTITY
R	RISER, RADIUS
R/W	RIGHT OF WAY
RAD	RADIUS
RAF	RESILIENT ATHLETIC FLOORING
RB	RESILIENT BASE
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REFG	REFRIGERATOR
REINF	REINFORCING, REINFORCE(D)
REM	RECESSED ENTRY MAT
REQ'D	REQUIRED
RES	RESINOUS FLOORING
RFT	RUBBER FLOOR TILE
RH	RIGHT HAND
RL	RAIN LEADER
RM	ROOM
RO	ROUGH OPENING
RSF	RUBBER SHEET FLOORING
RSR	RESILIENT STAIR RISER
RST	RESILIENT STAIR TREAD
RT	RIGHT
RTU	ROOFTOP UNIT
SAB	SOUND ATTENUATION BLANKET
SC-PLK	SECURITY CEILING PLANK
SC-PNL	SECURITY CEILING PANEL
SCH	SCHEDULE
SF	SQUARE FEET / FOOT
SFRM	SPRAYED FIRE RESISTANT MATERIAL
SHM	SECURITY HOLLOW METAL
SHTG	SHEATHING
SIM	SIMILAR
SPEC	SPECIFICATION
SPF	SPRAYED POLYURETHANE FOAM
SPR	SPRINKLER
SQ	SQUARE
SQ FT	SQUARE FEET / FOOT
SRD	SECONDARY ROOF DRAIN
SS	STAINLESS STEEL
SSM	SOLID SURFACE MATERIAL
ST	STREET
STC	SOUND TRANSMISSION COEFFICIENT
STD	STANDARD
STL	STEEL
STRUCT	STRUCTURAL
SUSP	SUSPENDED
SV	SHEET VINYL
SWM	SECURITY WOVEN MESH / WOVEN ROD
SYM	SYMMETRICAL
T	TREAD
T&G	TONGUE & GROOVE
T.O.	TOP OF
TB	TACKBOARD
TCF	TEXTILE COMPOSITE FLOORING
TEL	TELEPHONE
TERR-C	TERRAZZO CEMENTITIOUS
TERR-E	TERRAZZO EPOXY
TERR-R	TERRAZZO RUBBERIZED
THHD	THRESHOLD
THK	THICKNESS, THICK
TOS	TOP OF STEEL
TOW	TOP OF WALL
TS	TACK STRIP
TV	TELEVISION
TYP	TYPICAL
UC	UNDERCUT
UG	UNDERGROUND
UH	UNIT HEATER
UNO	UNLESS NOTED (INDICATED) OTHERWISE
VAT	VINYL ASBESTOS TILE
VB	VAPOR BARRIER
VCT	VINYL COMPOSITION TILE
VDB	VISUAL DISPLAY BOARD
VERT	VERTICAL
VEST	VESTIBULE
VFCT	VINYL FREE COMPOSITION TILE
VFWC	VINYL FREE WALLCOVERING
VR	VAPOR RETARDER
VT	VINYL TILE
VTR	VENT THROUGH ROOF
VWC	VINYL WALL COVERING
W	WIDE, WIDTH
W/	WITH
W/O	WITHOUT
WC	WATER CLOSET
WCP	WOOD CEILING PANEL
WD	WOOD
WDW	WINDOW
WP	WATERPROOFING
WPT	WORKING POINT
WSCT	WAINSCOT
WSF	WOOD SPORTS FLOORING
WT	WEIGHT
WWF	WELDED WIRE FABRIC
XPS	EXTRUDED POLYSTYRENE

KEYNOTES

n — KEYNOTE (1 TO 2 DIGITS)

n(n) — KEYNOTE (3 DIGITS ONLY)

n n/n" — SIZE: THICKNESS; OR OTHER DESCRIPTIVE INFORMATION

1. KEYNOTES ARE GENERALLY ASSOCIATED WITH A SERIES OF DRAWINGS (e.g., A3.2.n, A5.1.n); THEREFORE KEYNOTE NUMBERS FROM SERIES TO SERIES WILL VARY (i.e., KEYNOTE NO. 1 IN THE A3.2.n SERIES WILL BE DIFFERENT FROM KEYNOTE NO. 1 IN THE A5.1.n SERIES).

ARCHITECTURAL GRAPHIC SYMBOL LEGEND

SUPERVISOR'S OFFICE A101 100 SF — SPACE NAME; SPACE NUMBER; SQUARE FOOTAGE, IF INDICATED; BUILDING "PART" NUMBER IN MULTI-PART BUILDING — REFER TO A3.0.1 FOR FINISH SCHEDULE

A101C 60 — DOOR; FIRE RATING IN MINUTES (IF INDICATED); DOOR SUFFIX LETTER WHEN MORE THAN ONE DOOR PER SPACE; SPACE NUMBER — REFER TO A3.1.1 FOR SCHEDULE

ATL 11 — STEEL FRAME NUMBER — REFER TO A3.1.n FOR TYPES

AW 11 — ALUMINUM WINDOW NUMBER — REFER TO A3.1.n FOR TYPES

AS 11 — ALUMINUM STOREFRONT NUMBER — REFER TO A3.1.n FOR TYPES

CW 11 — CURTAIN WALL NUMBER — REFER TO A3.1.n FOR TYPES

LVR 11 — LOUVER NUMBER — REFER TO A3.1.n FOR TYPES

SBK 11 — GLASS BLOCK NUMBER — REFER TO A3.1.n FOR TYPES

JOINT — REFER TO A0.2 FOR LEGEND

Xn-n — WALL PARTITION TYPE; FIRE RESISTANCE RATING IN HOURS

Xn-XX — WALL PARTITION TYPE; SB=SMOKE BARRIER SP=SMOKE PARTITION IU=INCIDENTAL USE — REFER TO A0.2 FOR LEGEND

A8.3 (9, 10) A8.1 (5) — INTERIOR ARCHITECTURAL WOODWORK (CASEWORK) ELEVATION — REFER TO A8.1.1 FOR ELEVATIONS

RFAn — ROOF ASSEMBLY — REFER TO A10.1 FOR LEGEND

Xn — FIRE-RATED ASSEMBLY — REFER TO LS1.1 FOR LEGEND

WAn — WALL ASSEMBLY — REFER TO A5.1.1 FOR LEGEND

TAn — TOILET ASSEMBLY — REFER TO A7.1.1 FOR LEGEND

n — GLAZING/GLASS TYPES — REFER TO A3.1.n FOR LEGEND

1T — EQUIPMENT TYPE

k — PLAN NORTH (MAY DIFFER FROM POLAR NORTH)

MATCH LINE

WPT — WORKING POINT

DATUM POINT

℄ — CENTERLINE

℄ — PLATE

FEC — SURFACE MOUNT FEC: TOP OF CABINET AT 4'-0" AFF

FEC — SEMI-RECESSED FEC: T.O. MASONRY OPENING AT 4'-0" AFF

FEC — FULLY-RECESSED FEC: T.O. MASONRY OPENING AT 4'-0" AFF

FEB — BRACKET: MOUNT BRACKET AT 4'-0" AFF

1 / A — STRUCTURAL GRID LINE WITH DESIGNATIONS

1 / A2.1 — WALL OR MISC SECTION WHERE CUT; WALL SECTION NUMBER; DRAWING NUMBER WHERE WALL SECTION IS INDICATED

1 / A2.1 — DETAIL OR ENLARGED PLAN WHERE CUT; DETAIL OR ENLARGED PLAN NUMBER; DRAWING NUMBER WHERE DETAIL OR ENLARGED PLAN IS INDICATED

1 / A2.1 — 1 / A2.1 — BUILDING SECTION WHERE CUT; SECTION NUMBER; DRAWING NUMBER WHERE SECTION IS INDICATED

1 / 2 A7.1 4 / 3 — 1 / A7.1 — INTERIOR OR EXTERIOR ELEVATION WHERE CUT; ELEVATION NUMBER; DRAWING NUMBER WHERE ELEVATION IS INDICATED; MULTIPLE ELEVATIONS

PLAN TITLE
1/8"=1'-0"

A / A2.0.1 A2.0.2 A2.0.3 / A4.1 — 1/4"=1'-0" — ELEVATION OR BUILDING SECTION TITLE
ELEVATION OR BUILDING SECTION LETTER; DRAWING NUMBER WHERE ELEVATION OR BUILDING SECTION IS INDICATED; DRAWING NUMBER WHERE ELEVATION OR BUILDING SECTION IS CUT; ADDITIONAL DRAWING NUMBERS WHERE ELEVATION OR BUILDING SECTION IS CUT

1 / A2.1 A2.3 A2.6 / A7.1 — 1/4"=1'-0" — ENLARGED PLAN OR WALL SECTION TITLE
ENLARGED PLAN OR WALL SECTION NUMBER; DRAWING NUMBER WHERE ENLARGED PLAN OR WALL SECTION IS INDICATED; DRAWING NUMBER WHERE ENLARGED PLAN OR WALL SECTION IS CUT; ADDITIONAL DRAWING NUMBERS WHERE ENLARGED PLAN OR WALL SECTION IS CUT

3 / A5.1 A5.2 A5.7 — 1/2"=1'-0" — DETAIL TITLE
DETAIL NUMBER OR LETTER; DRAWING NUMBER WHERE DETAIL IS INDICATED; DRAWING NUMBER WHERE DETAIL IS CUT; ADDITIONAL DRAWING NUMBERS WHERE DETAIL IS CUT

1 — 1/4"=1'-0" — CASEWORK TITLE
CASEWORK ELEVATION NUMBER

ARCHITECTURAL GENERAL NOTES

A. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE BETTER QUALITY. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE GREATER QUANTITY OF WORK.

B. ELEMENTS THAT ARE IDENTIFIED BY OTHER DISCIPLINES (e.g., CIVIL, STRUCTURAL, PLUMBING, FIRE PROTECTION, MECHANICAL, ELECTRICAL) ELSEWHERE WITHIN THE ARCHITECTURAL SERIES OF DRAWINGS AND/OR SPECIFICATIONS, OR IDENTIFIED OR COVERED BY DEFAULTS (e.g., SIZES, THICKNESS, SPACING, MATERIALS) IN THE SPECIFICATIONS MAY NOT BE ANNOTATED (NOTE OR KEYNOTED) ON THESE DRAWINGS.

C. ELEMENTS IDENTIFIED IN "LEGENDS" AND/OR "GENERAL NOTES" MAY NOT BE NOTED IN DETAILS, OR SECTIONS, AS THESE ELEMENTS ARE IDENTIFIED IN THE LEGENDS (e.g. FACE BRICK, CMU, WINDOWS)

D. REFER TO "ASSEMBLIES" FOR MATERIALS AND COMPONENTS THAT MAKE UP THAT PARTICULAR ASSEMBLY (e.g., EXTERIOR WALL ASSEMBLIES, ROOF ASSEMBLIES, AND FIRE-RATED ASSEMBLIES). ONCE A PARTICULAR ASSEMBLY HAS BEEN IDENTIFIED ON ONE DRAWING, THAT SAME ASSEMBLY GRAPHIC SHALL APPLY TO ALL OTHER SIMILAR LOCATIONS UNLESS SPECIFICALLY INDICATED OTHERWISE. PROVIDE THAT SAME ASSEMBLY AT THE SIMILAR LOCATION WHETHER THE ASSEMBLY GRAPHIC SYMBOL IS SHOWN OR NOT.

E. VERIFY ALL DIMENSIONS, INCLUDING DIMENSIONS ON STRUCTURAL DRAWINGS AND OTHER ARCHITECTURAL DRAWINGS. IMMEDIATELY NOTIFY ARCHITECT OF ANY DISCREPANCIES.

F. PROVIDE CONCRETE HOUSEKEEPING PADS FOR ALL EQUIPMENT INDICATED TO BE MOUNTED OR OTHERWISE REQUIRED TO BE MOUNTED TO THE FLOOR. WHERE PADS ARE NOT SHOWN, PROVIDE 6" THICK CONCRETE PADS W/ 3/4" CHAMFERED EDGES (ALL SIDES). REINFORCE WITH MESH EQUIVALENT TO FLOOR SLAB REINFORCING REQUIREMENTS.

ARCHITECTURAL MATERIALS LEGEND

- EARTH
- POROUS FILL
- CONCRETE
- FACE BRICK
- SPLIT-FACE BLOCK
- CONCRETE MASONRY UNIT
- GROUTED SOLID CONCRETE MASONRY UNIT

NOTE: PROVIDE 100% SOLID, PLANT-CAST UNITS WHERE CORE HOLES WOULD BE VISIBLE WITHIN FINISH SPACE (E.G., WINDOW SILLS)

- ARCHITECTURAL PRECAST CONCRETE
- CAST STONE MASONRY
- RIGID INSULATION
- BATT INSULATION
- SPRAYED POLYURETHANE FOAM
- WOOD SHIM
- WOOD BLOCKING - CONTINUOUS
- FINISHED WOOD
- PLYWOOD
- GYPSUM BOARD / SHEATHING
- STONE

MOSELEYARCHITECTS
3200 NORFOLK STREET, RICHMOND, VA 23230
PHONE (804) 794-7555 FAX (804) 355-8690
MOSELEYARCHITECTS.COM

COMMONWEALTH OF VIRGINIA
ANTHONY J. BELL III
Lic No. 009147
9/22/2021
ARCHITECT

KELLY DAY RENOVATIONS FS 6

563006
6950 Little Falls Rd, Arlington, VA 22213
Owner: Arlington County

PROJECT NO: 563006
DATE: SEPTEMBER 22, 2021

REVISIONS	
DATE	DESCRIPTION

GENERAL ARCHITECTURAL INFORMATION - FS6

A0.7

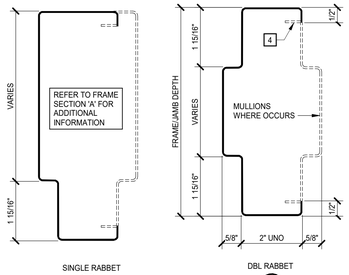
9/23/2021 11:06:34 AM

DOOR AND FRAME DETAIL KEYNOTES

REPRESENTED BY (n)

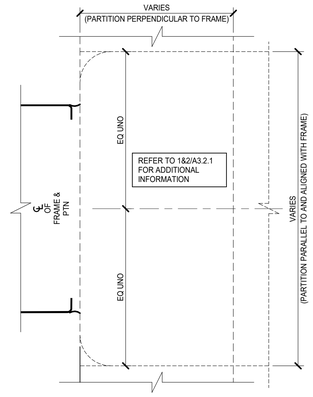
APPLIES TO DRAWINGS A3.2.1 - A3.2.n

1	ANCHORAGES, REINFORCING, SPECIFIC PARTITION CONSTRUCTION AND/OR LINTELS ARE NOT SHOWN FOR CLARITY.
2	REFER TO FRAME SECTION IN DOOR SCHEDULE FOR TYPE.
3	SEALANT, ALL SIDES - TOOL TO 90°.
4	BACKBEND RETURN @ GB LOCATIONS ONLY.
5	9/16" @ MAS; 1/2" @ GB.
6	1/4" @ JAMBS, UNO; DIMENSION @ HEAD & SILL VARIES.
7	BULLNOSE @ CMU JAMBS & SILLS.
8	0" @ GB LOCATIONS; 1/16" @ MAS LOCATIONS.

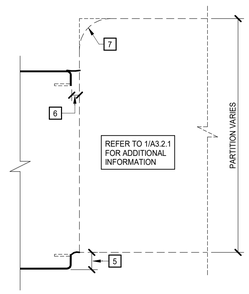


1. ALL FRAME/JAMB DEPTHS, OTHER THAN WRAP CONDITIONS, SHALL BE 4", UNO.
2. ALL FRAME/JAMB DEPTHS AT WRAP CONDITIONS SHALL BE SIZED TO SUIT PARTITION.
3. DOORS, PANELS, GLAZING, STOPS, AND OTHER FRAME INFILLS ARE NOT SHOWN IN FRAME SECTIONS AS THEY VARY - PROVIDE SAME WHERE INDICATED.

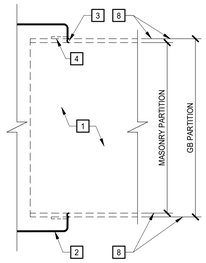
STEEL FRAME SECTIONS



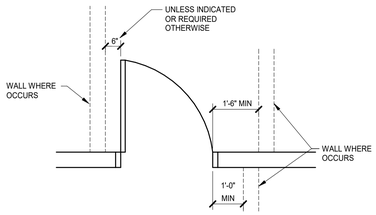
INT BETWEEN THE JAMB - BUTTED HEAD/JAMB/SILL



INTERIOR BETWEEN THE JAMB - PROJECTED HEAD/JAMB/SILL



INTERIOR WRAP HEAD/JAMB/SILL



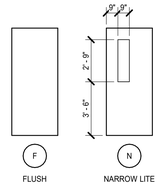
MANEUVERING CLEARANCE AT DOORS

GLAZING TYPES

REPRESENTED BY (n)

1. 1/4" CLEAR

NOTES:
1. ALL GLAZING IN INTERIOR FRAMES SHALL BE TYPE 1, UNO
2. GLAZE ALL OPENINGS IN FRAMES UNLESS SPECIFICALLY INDICATED OTHERWISE
3. ALL GLAZING SHALL BE SAFETY GLASS UNLESS INDICATED OTHERWISE



DOOR TYPES

HARDWARE SETS:

THE FOLLOWING PRODUCT MODELS ARE ASSA ABLOY, BEST, ROCKWOOD, AND STANLEY. ALTERNATIVE MANUFACTURERS WILL BE CONSIDERED IF THEY ARE OF A SIMILAR, COMMERCIAL QUALITY.

HW1 - PRIVACY

- 3 EACH HINGE FBB179 4 ½ X 4 ½ US26D
- 1 EACH PRIVACY 45H-L-105-VR-626
- 1 EACH KICK PLATE K1050 8" X 2" LDW CSK US32D
- 1 EACH MOP PLATE K1050 4" X 1" LDW CSK US32D
- 1 EACH WALL STOP 403 US26D OR FLOOR STOP US26D. SELECT THE STOP TYPE MOST APPROPRIATE FOR EACH RESTROOM LAYOUT.
- 3 EACH SILENCERS 608
- PROVIDE STRIKE AT FRAME

HW2 - STANDARD

- 3 EACH HINGE CB168 4 ½ X 4 ½ US26D
- 1 EACH PUSH PLATE 70C US32D
- 1 EACH PULL PLATE 8H 10 X 70C US32D
- 1 EACH CLOSER HDB15 AFWP 689
- 1 EACH KICK PLATE K1050 8" X 2" LDW CSK US32D
- 1 EACH MOP PLATE K1050 4" X 1" LDW CSK US32D
- 1 EACH FLOOR STOP US26D
- 3 EACH SILENCERS 608
- 1 EACH DOOR SWEEP

DOOR SCHEDULE FS2

	DOOR		DOOR		FRAME			
NUMBER	TYPE	SIZE (NOMINAL)	MATL	GLAZING TYPE	TYPE	NUMBER	SECTIONS	NOTES
202A	F	2' - 8" x 7' - 0" x 1 3/4"	STL	--	STL	--	A	HW1

DOOR SCHEDULE FS3

	DOOR		DOOR		FRAME			
NUMBER	TYPE	SIZE (NOMINAL)	MATL	GLAZING TYPE	TYPE	NUMBER	SECTIONS	NOTES
301A	F	3' - 0" x 7' - 0" x 1 3/4"	STL	--	STL	--	A	HW1

DOOR SCHEDULE FS6

	DOOR		DOOR		FRAME			
NUMBER	TYPE	SIZE (NOMINAL)	MATL	GLAZING TYPE	TYPE	NUMBER	SECTIONS	NOTES
601A	N	3' - 0" x 7' - 0" x 1 3/4"	STL	1	STL	--	A	HW2
602A	F	3' - 0" x 7' - 0" x 1 3/4"	STL	--	STL	--	A	HW1

DOOR SCHEDULE FS9

	DOOR		DOOR		FRAME			
602	TYPE	SIZE (NOMINAL)	MATL	GLAZING TYPE	TYPE	NUMBER	SECTIONS	NOTES
902A	F	3' - 0" x 7' - 0" x 1 3/4"	STL	--	STL	--	A	HW1

WALL/PARTITION TYPE GENERAL NOTES

A. PLAN DIMENSIONS ARE TO FACE OF WALL OR PARTITION. WHERE APPLIED FINISHES OCCUR-SUCH AS CERAMIC TILE-DIMENSIONS ARE TO FACE OF APPLIED FINISH. FOR WAINSCOTS, FLOOR PLAN DIMENSIONS ARE TO FACE OF WAINSCOT MATERIAL. APPLIED FINISHES ARE NOT ALLOWED TO REDUCE CLEAR DIMENSIONS. "APPLIED FINISHES" IN THIS CASE DO NOT INCLUDE TRIM, BASE, AND ACOUSTIC WALL PANELS.

B. EXTEND WALL/PARTITION ASSEMBLY COMPONENTS FULL HEIGHT OF ASSEMBLY.

C. REFER TO STRUCTURAL DRAWINGS AND RELATED SPECIFICATIONS FOR SOLID MASONRY, GROUTING, AND REINFORCEMENT REQUIREMENTS INCLUDING BUT MAY NOT BE LIMITED TO:

- MASONRY WALLS/PARTITIONS
- LINTELS
- LINTEL BEARING CONDITIONS
- BOND BEAMS
- SHELF BEARING CONDITIONS
- STRUCTURAL REINFORCING REQUIREMENTS
- CHANGES IN WYTHE

D. THE TERMS "WALL" AND "PARTITION" MAY BE USED INTERCHANGEABLY THROUGHOUT THE CONTRACT DOCUMENTS.

E. PARTITIONS THAT DO NOT EXTEND TO UNDERSIDE OF DECK OR CAP ABOVE:

- EXTEND 4 INCHES MINIMUM ABOVE HIGHEST ADJACENT FINISH CEILING UNLESS INDICATED OTHERWISE.

F. DO NOT CONNECT TIES, ANCHORS, OR REINFORCING TO SINGLE CANTILEVERED FIRE WALL OR BETWEEN DOUBLE FIRE WALLS.

G. SEAL AROUND ALL PENETRATIONS.

H. COMPLY WITH TERMINATION, WALL JOINT, AND MISCELLANEOUS DETAILS FOR THOSE CONDITIONS WHERE APPLICABLE. COMPLY WITH REFERENCED STANDARDS WHERE DETAILS ARE NOT IDENTIFIED IN THE DRAWINGS.

I. WALL/PARTITION TYPES DO NOT ADDRESS WALL FINISHES. REFER TO FINISH SCHEDULE.

J. FINISHED SPACES: PROVIDE CHASES AROUND ALL EXPOSED VERTICAL COMPONENTS, INCLUDING BUT NOT LIMITED TO: DUCTWORK, PIPING, AND CONDUIT, UNLESS COMPONENTS ARE SPECIFICALLY INDICATED TO REMAIN EXPOSED. IF NOT OTHERWISE INDICATED, PROVIDE 4" NOMINAL CMU CHASE CONSTRUCTION.

- HOLD CHASES TIGHT TO COMPONENTS ALLOWING FOR ACCESS, INSULATION, AND TOLERANCES.
- EXTEND CHASES FROM FLOOR TO 4 INCHES MINIMUM ABOVE FINISH CEILING OR IF NO CEILING IS INDICATED, EXTEND CHASES TO UNDERSIDE OF FLOOR DECK, ROOF DECK, OR SOLID CAP ABOVE AND TERMINATE ACCORDINGLY.

K. PROVIDE BACKER BOARD/UNIT OF SAME THICKNESS INDICATED IN LIEU OF GYPSUM BOARD PANEL AT PORTIONS OF WALLS/PARTITIONS TO RECEIVE TILE.

TERMINATION GENERAL NOTES

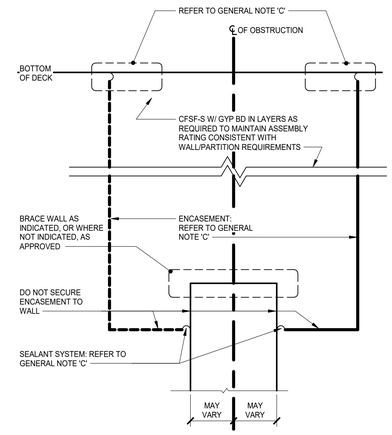
A. AT FIRE-, SMOKE-, AND ACOUSTICALLY RATED WALLS: SEAL ALL NON-OBSTRUCTED HEAD-OF-WALL CONDITIONS IN ACCORDANCE WITH JOINT SYSTEM MANUFACTURER'S RECOMMENDATIONS BASED ON CONDITION ENCOUNTERED (E.G., CMU-TO-DECK (PARALLEL OR PERPENDICULAR TO FLUTES); OR CFSF-TO-DECK (PARALLEL OR PERPENDICULAR TO FLUTES) TO MAINTAIN ASSEMBLY RATING CONSISTENT WITH WALL/PARTITION REQUIREMENTS. BRACE WALL AS INDICATED OR REQUIRED.

B. AT ALL OTHER WALLS INDICATED TO EXTEND TO UNDERSIDE OF FLOOR/ROOF DECK/CAP: SEAL ALL NON-OBSTRUCTED HEAD-OF-WALL CONDITIONS IN ACCORDANCE WITH JOINT SYSTEM MANUFACTURER'S RECOMMENDATIONS BASED ON CONDITION ENCOUNTERED (E.G., CMU-TO-DECK (PARALLEL, OR PERPENDICULAR TO FLUTES); OR CFSF-TO-DECK (PARALLEL OR PERPENDICULAR TO FLUTES). BRACE WALL AS INDICATED OR REQUIRED.

C. AT ALL WALLS PREVENTED FROM TERMINATING AT THE UNDERSIDE OF FLOOR/ROOF DECK BY OBSTRUCTIONS, COMPLY WITH THE FOLLOWING:

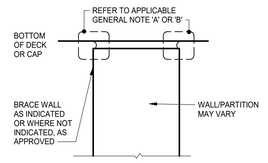
- AT FIRE-, SMOKE-, AND ACOUSTICALLY-RATED WALLS: ENCASE OBSTRUCTION(S) TO MAINTAIN ASSEMBLY RATING CONSISTENT WITH WALL/PARTITION REQUIREMENTS.
- AT SECURITY WALLS: TERMINATE IN ACCORDANCE WITH SECURITY PARTITION REQUIREMENTS.
- AT OTHER WALLS: ENCASE OBSTRUCTION(S) ON ONE SIDE.
- SEAL ENCASEMENT TO WALL AND SEAL ENCASEMENT TO DECK IN ACCORDANCE WITH JOINT SYSTEM MANUFACTURER'S RECOMMENDATIONS AND TO MAINTAIN ASSEMBLY RATING CONSISTENT WITH WALL/PARTITION REQUIREMENTS.

TERMINATIONS



HEAD-OF-WALL TERMINATION @ OBSTRUCTION

OBSTRUCTION MAY VARY (BEAM, JOIST, GIRDER, CHANNEL, DUCTWORK, PIPING)

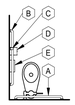


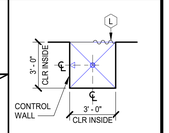
HEAD-OF-WALL TERMINATION @ NON-OBSTRUCTION

TOILET ASSEMBLIES

APPLIES TO DRAWINGS A7.1 - A7.nn

REPRESENTED BY (TAn)

MARK	REMARKS	PLAN
BARRIER FREE TA7		
BARRIER FREE TA8	OMIT (E)	WATER CLOSET

MARK	REMARKS	PLAN
TA11	CENTER (G) OVER LAVATORY	
BARRIER FREE TA12		LAVATORY
TA13	CONTROL WALL	

SHOWER - TRANSFER STYLE

LEGEND NOTES:

A. HANDING/ORIENTATION MAY VARY. REFER TO PLANS FOR PROPER ORIENTATION.

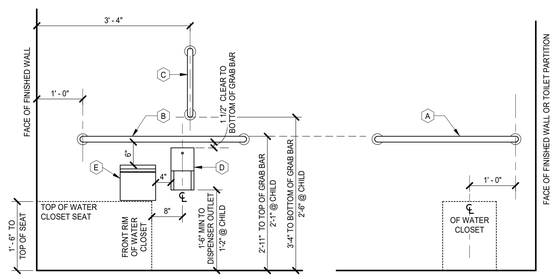
B. PLUMBING FIXTURE GRAPHICS IN THIS LEGEND ARE REPRESENTATIVE ONLY. ACTUAL PLUMBING FIXTURES MAY VARY.

C. COAT/ROBE HOOKS INDICATED ON THE BACK OF TOILET COMPARTMENT DOORS ARE PART OF THE TOILET COMPARTMENT ASSEMBLY AND ARE NOT CONSIDERED A TOILET ACCESSORY.

qlfibq-^```bppl ofbp-p`eba rib

MARK	DESCRIPTION	MOUNTING HEIGHT	REMARKS
A	36" HORIZONTAL GRAB BAR	REFER TO WATER CLOSET ELEVATIONS	
B	42" HORIZONTAL GRAB BAR	REFER TO WATER CLOSET ELEVATIONS	
C	18" VERTICAL GRAB BAR	REFER TO WATER CLOSET ELEVATIONS	
D	TOILET TISSUE DISPENSER	REFER TO WATER CLOSET ELEVATIONS	
E	SANITARY NAPKIN DISPOSAL	REFER TO WATER CLOSET ELEVATIONS	
F	SOAP DISPENSER	3'-4" AFF TO DISPENSING OUTLET	
G	MIRROR (18" x 36"), OVER LAV AND CONTERTOP	3'-4" AFF TO BOTTOM OF REFLECTIVE SURFACE	
L	SHOWER CURTAIN, ROD AND HOOKS	6'-8" AFF TO ROD	

1. ACCESSORY ITEMS ARE IDENTIFIED BY ⬡ ON PLANS. LETTERS CORRESPOND TO SCHEDULE ABOVE.
2. ACTUAL DIMENSIONS OF ACCESSORIES MAY VARY. COORDINATE DIFFERENCES, IF ANY.
3. PROVIDE ROBE HOOK ON INTERIOR FACE OF ALL TOILET ROOM DOORS. MOUNT AT 5'-0" AFF TO TOP.



WATER CLOSET ELEVATIONS

TOILET ASSEMBLIES, SCHEDULE AND ENLARGED PLAN GENERAL NOTES

A. PLAN DIMENSIONS ARE TO FACE OF WALL OR PARTITION. WHERE APPLIED FINISHES OCCUR-SUCH AS CERAMIC TILE-DIMENSIONS ARE TO FACE OF APPLIED FINISH. FOR WAINSCOTS, FLOOR PLAN DIMENSIONS ARE TO FACE OF WAINSCOT MATERIAL. APPLIED FINISHES ARE NOT ALLOWED TO REDUCE CLEAR DIMENSIONS. "APPLIED FINISHES" IN THIS CASE DO NOT INCLUDE TRIM, BASE, AND ACOUSTIC WALL PANELS.

B. CLEAR DIMENSIONS ARE TO FACE OF APPLIED WALL AND PARTITION FINISHES.

MOSELEYARCHITECTS
3200 NORFOLK STREET, RICHMOND, VA 23230
PHONE (804) 794-7555 FAX (804) 355-8690
MOSELEYARCHITECTS.COM

COMMONWEALTH OF VIRGINIA
ANTHONY J. BELL III
Lic No. 009147
9/22/2021
ARCHITECT

KELLY DAY RENOVATIONS FS 6

563006
6950 Little Falls Rd, Arlington, VA 22213
Owner: Arlington County

PROJECT NO: 563006
DATE: SEPTEMBER 22, 2021

REVISIONS	
DATE	DESCRIPTION

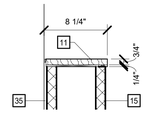
WALL/PARTITION TYPES, SCHEDULES, & TERMINATIONS - FS6

A0.8

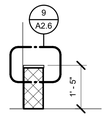
9/23/2021 11:06:36 AM

FINISH SCHEDULE FS6

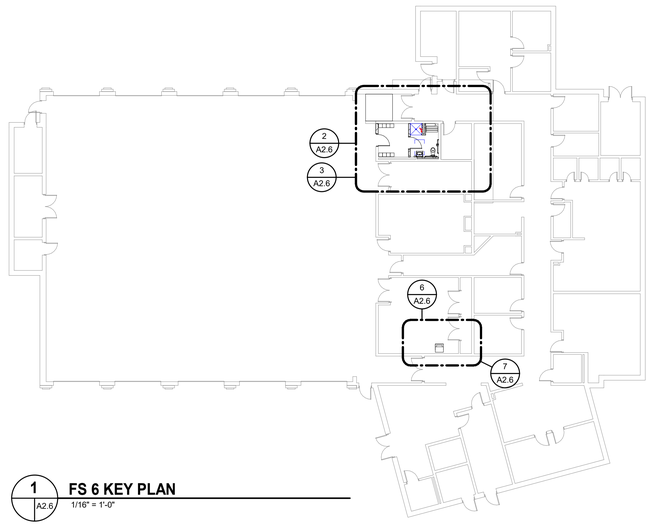
NUMBER	NAME	FLOOR	BASE	WALLS				WAINSCOT	CEILING	NOTES
				NORTH	EAST	SOUTH	WEST			
601	LOCKER ROOM	CONC-SLR	PT	PT	PT	PT	PT		ACP	
602	SHOWER ROOM	QT	QT	CT/PT	CT/PT	CT/PT	CT/PT		GB PT	ATTIC STOCK AVAILABLE FOR FLOOR TILE. FULL HEIGHT TILE IN SHOWER. 7'-2" TILE WAINSCOT NOT IN SHOWER AREA



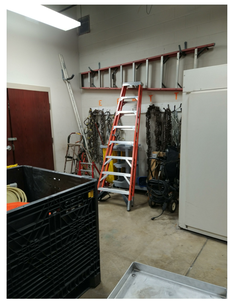
9 A2.6 A2.6 DETAIL
1 1/2" = 1'-0"



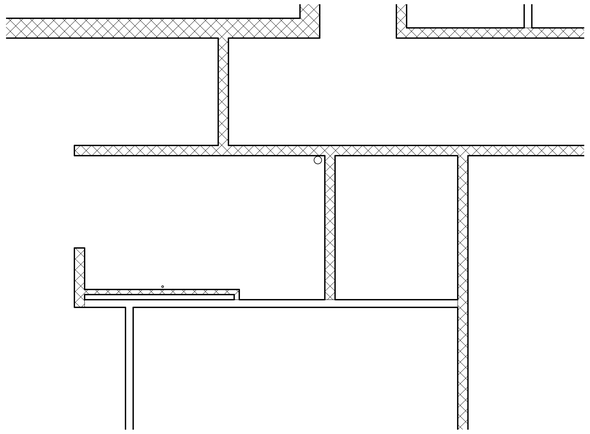
8 A2.6 A2.6 SECTION
1/2" = 1'-0"



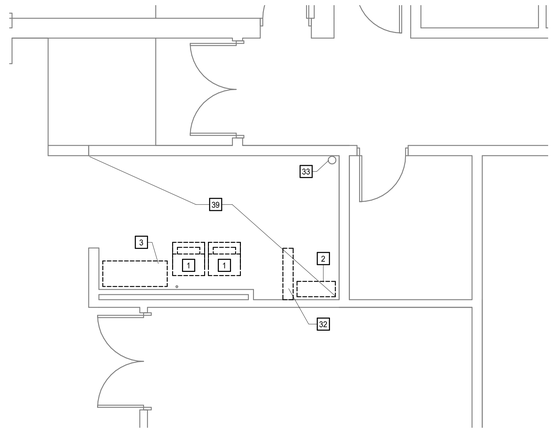
1 A2.6 FS 6 KEY PLAN
1/16" = 1'-0"



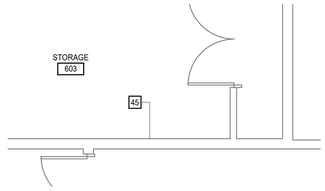
RELOCATE STORAGE HOOKS



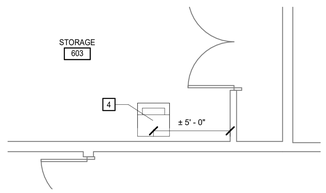
4 A2.6 FS 6 SHOWER RCP - DEMO
1/4" = 1'-0"



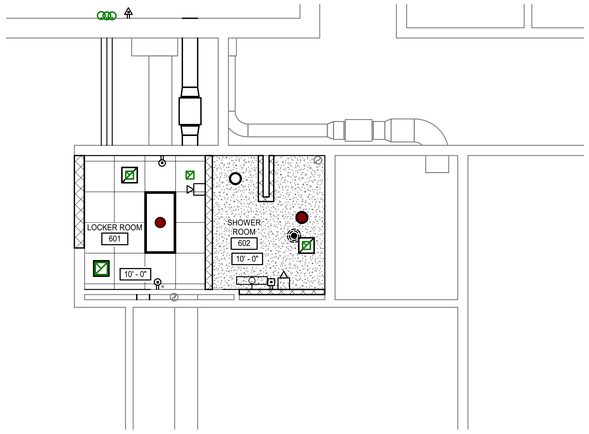
3 A2.6 A2.6 FS 6 SHOWER PLAN - DEMO
1/4" = 1'-0"



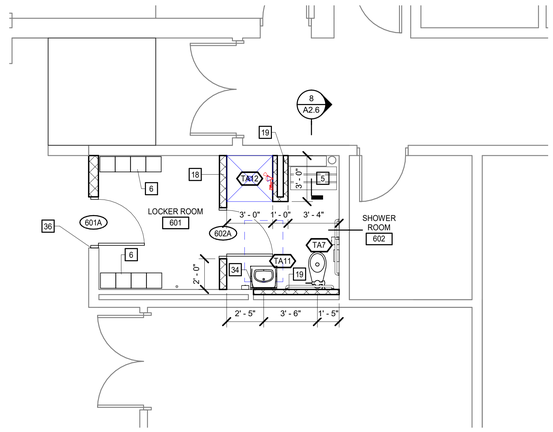
7 A2.6 A2.6 FS 6 APPLIANCE - DEMO
1/4" = 1'-0"



6 A2.6 A2.6 FS 6 APPLIANCE - NEW
1/4" = 1'-0"



5 A2.6 FS 6 SHOWER RCP - NEW
1/4" = 1'-0"



2 A2.6 A2.6 FS 6 SHOWER PLAN - NEW
1/4" = 1'-0"

FLOOR PLAN KEYNOTES

REPRESENTED BY [n]

APPLIES TO DRAWINGS A2.2 - A2.9

1	SALVAGE WASHER AND DRYER. TURN OVER TO THE OWNER.
2	REMOVE BENCH
3	REMOVE SINK.
4	STACKED WASHER/DRYER UNIT. APPLIANCE FURNISHED BY THE OWNER. CONTRACTOR SHALL PROVIDE THE NECESSARY HOOKUPS AND INSTALL THE APPLIANCE.
5	FURNITURE NIC.
6	12"X12"X72" METAL GYM LOCKER PROVIDED BY OWNER.
7	EXISTING EXTRACTOR TO REMAIN
8	EXISTING DRYING CABINET TO REMAIN.
9	REMOVE CEILING AND ALL HOSTED ELEMENTS, INCLUDING LIGHT FIXTURES, MECHANICAL DIFFUSERS, FIRE ALARMS, SMOKE DETECTORS, ETC.
10	MATCH HEIGHT OF ACOUSTIC CEILING WITH ADJACENT EXISTING CEILING.
11	PROVIDE 3/4" THICK STAINED WOOD SILL. PROVIDE POLYURETHANE COAT.
12	PROVIDE 3/4"x5" STAINED WOOD WALL BASE.
13	5/8" GYPSUM BOARD.
14	3 5/8" CFSF
15	8" NOMINAL CMU
16	RELOCATED AIR COMPRESSOR.
17	SALVAGE EXISTING AIR COMPRESSOR FOR RELOCATION. IF THERE ARE VIBRATION PADS AT THE FEET OF THE COMPRESSOR, REINSTALL THE PADS AT THE NEW LOCATION.
18	6" NOMINAL CMU
19	4" NOMINAL CMU
20	INFILL OPENING. MATCH ADJACENT CONSTRUCTION.
21	SALVAGE DOOR AND FRAME.
22	REMOVE RAILING AT THIS SIDE OF RAMP.
23	REMOVE PORTION OF WALL AS NECESSARY TO PROVIDE OPENING.
24	SS TOILET PARTITION
25	2'-6"x7'-0" SS TOILET STALL DOOR
26	PROVIDE SHOWER ROD AND CURTAIN.
27	SALVAGE DOOR. FRAME SHALL REMAIN. REMOVE STRIKE AND PROVIDE STEEL OR ALUMINUM CLOSURE PLATE. PAINT TO MATCH FRAME COLOR.
28	EXISTING SHOWER CONTROLS TO REMAIN. TYPICAL THIS FIRE STATION.
29	EXISTING LINEAR DRAIN TO REMAIN.
30	EXISTING ACCESS PANEL AT CEILING.
31	PROVIDE GAP AT TOP AND BOTTOM OF PARTITION. DO NOT BLOCK AIRFLOW.
32	REMOVE HALFWALL.
33	EXSTING PIPING TO REMAIN.
34	ALIGN CMU CHASE WITH EXISTING CONSTRUCTION.
35	GROUTED COLLAR JOINT.
36	ALIGN DOOR FRAME WITH EXISTING OPENING.
37	SALVAGE EXISTING DRYING CABINET FOR RELOCATION. REMOVE RAISED CONCRETE PAD.
38	INSTALL SALVAGED DRYING CABINET AT THIS LOCATION. POUR CONCRETE BASE FOR CABINET; MATCH EXISTING BASE DIMENSIONS.
39	REMOVE FINISH FLOORING.
40	GEAR GRID NIC. SHOWN FOR COORDINATION PURPOSES WITH THE OWNER.
41	SALVAGE EXISTING HOSE REEL SOLENOID SWITCH ASSEMBLY.
42	PROVIDE FROSTING FILM AT INTERIOR SIDE OF GLAZING.
43	PROVIDE CONCRETE SILL AT BASE OF DOOR OPENING.
44	PROVIDE METAL THRESHOLD TO STRADDLE THE FINISH FLOOR AND THE CONCRETE SILL.
45	SALVAGE STORAGE HOOKS AND RELOCATE TO ADJACENT WALL. COORDINATE WITH OWNER TO DETERMINE PRECISE LOCATION.
46	REMOVE EXISTING BENCH AND SHELF.
47	INSTALL SALVAGED HOSE REEL SOLENOID SWITCH ASSEMBLY. ORIENT SWITCH ASSEMBLY VERTICALLY. EXTEND AND MODIFY CONDUIT AS REQUIRED AND TEST SWITCHES FOR PROPER OPERATION.
48	1 1/2" CIRCULAR GALVANIZED STEEL HANDRAIL.
49	CONTINUE HANDRAIL TO FLOOR. EMBED IN CONCRETE. TYPICAL

DEMOLITION PLAN LEGEND

APPLIES TO DRAWINGS A2.2 - A2.9

- EXISTING PARTITION/ WALL/ ITEM TO REMAIN
- REMOVE EXISTING PARTITION/WALL/ITEM
- REMOVE EXISTING WINDOW ASSEMBLY AND FRAMING, INCLUDING ANCHORS
- SALVAGE EXISTING DOOR AND FRAME ASSEMBLY INCLUDING DOOR HARDWARE. IF FRAME DAMAGED DURING SALVAGING, DISCARD.
- REMOVE EXISTING PLUMBING FIXTURE. REFER TO PLUMBING DEMOLITION PLAN FOR ADDITIONAL INFORMATION.

FLOOR PLAN GENERAL NOTES

A. UNLESS NOTED OTHERWISE, PAINT ALL NEW WALLS AND ALL EXISTING WALLS IN ROOMS INCLUDED IN THE WORK SCOPE.
B. PAINT ALL EXISTING DOOR FRAMES WHERE THE DOOR HAS BEEN SALVAGED OR REMOVED.
C. REFER TO STRUCTURAL DOCUMENTS FOR SLAB REMOVAL.

PROJECT ADDRESS: 6950 Little Falls Rd, Arlington, VA 22213

MOSELEYARCHITECTS
3200 NORFOLK STREET, RICHMOND, VA 23230
PHONE (804) 794-7555 FAX (804) 355-8690
MOSELEYARCHITECTS.COM

COMMONWEALTH OF VIRGINIA
ANTHONY J. BELL III
Lic No. 009147
9/22/2021
ARCHITECT

KELLY DAY RENOVATIONS FS 6

563006
6950 Little Falls Rd, Arlington, VA 22213
Owner: Arlington County

PROJECT NO: 563006
DATE: SEPTEMBER 22, 2021

REVISIONS	
DATE	DESCRIPTION

FIRE STATION 6
DRAWINGS

A2.6

9/23/2021 11:06:38 AM

STRUCTURAL ABBREVIATIONS

AB	ANCHOR BOLT	HS	HIGH STRENGTH
AESS	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL	HSS	HOLLOW STRUCTURAL SECTION
		HT	HEIGHT
AFF	ABOVE FINISHED FLOOR	IN	INCH
ALUM	ALUMINUM	INFO	INFORMATION
APPROX	APPROXIMATE	INT	INTERIOR
ARCH	ARCHITECTURAL, ARCHITECT	JBE	JOIST BEARING ELEVATION
AVG	AVERAGE	JS	JOIST SUBSTITUTE
BLDG	BUILDING	JST	JOIST
BM	BEAM	JT	JOINT
BMC	BUILDING MOUNTED CANOPIES	K	KIP
BOT	BOTTOM	LBS	POUNDS
BRG	BEARING	LF	LINEAR FEET (FOOT)
BTWN	BETWEEN	LLH	LONG LEG HORIZONTAL
CANT	CANTILEVER	LLV	LONG LEG VERTICAL
CFSF	COLD FORMED STEEL FRAMING	M	METER(S)
CIP	CAST IN PLACE	MAS	MASONRY
CJ	CONTROL JOINT	MATL	MATERIAL
CLG	CEILING	MAX	MAXIMUM
CLR	CLEAR	MECH	MECHANICAL
CMU	CONCRETE MASONRY UNIT	MFR	MANUFACTURER
COL	COLUMN	MIN	MINIMUM
CONC	CONCRETE	MM	MILLIMETER(S)
CONN	CONNECTION	NOM	NOMINAL
CONSTR	CONSTRUCTION	NS	NON SHRINK
CONT	CONTINUOUS	OC	ON CENTER
CTR	CENTER	OD	OUTSIDE DIAMETER
DBA	DEFORMED BAR ANCHOR	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
DBL	DOUBLE		
DIA	DIAMETER	OPNG	OPENING
DIAG	DIAGONAL	OPP	OPPOSITE
DIM	DIMENSION	PC CONC	PRECAST CONCRETE
DN	DOWN	PEMB	PRE-ENGINEERED METAL BUILDING
DWG	DRAWING	PFBC	PRE-FABRICATED BUILDING COLUMN
EA	EACH	PLF	POUNDS PER LINEAR FOOT
EF	EACH FACE	POLY	POLYETHYLENE
EJ	EXPANSION JOINT	PPT	PRESSURE PRESERVATIVE TREATED
EL	ELEVATION	PSF	POUNDS PER SQUARE FOOT
ELECT	ELECTRICAL	R	RADIUS
ELEV	ELEVATOR	RD	ROOF DRAIN
EOD	EDGE OF DECK	REF	REFERENCE
EOS	EDGE OF SLAB	REINF	REINFORCING, REINFORCED
EQ	EQUAL	REQD	REQUIRED
EW	EACH WAY	SIM	SIMILAR
EX	EXISTING	SL	SLOPE
EXP	EXPANSION	SOG	SLAB ON GRADE
EXT	EXTERIOR	SPA	SPACES
FD	FLOOR DRAIN	SS	STAINLESS STEEL
FDN	FOUNDATION	STD	STANDARD
FF	FINISHED FLOOR	STIFF	STIFFENER
FIN	FINISHED	STRUCT	STRUCTURAL
FLR	FLOOR	SUSP	SUSPENDED
FOB	FACE OF BRICK	SYM	SYMMETRY(RICAL)
FOC	FACE OF CONCRETE	T&B	TOP AND BOTTOM
FOM	FACE OF MASONRY	T&G	TONGUE AND GROOVE
FRMG	FRAMING	TF	TRANSFER FORCE
FRT	FIRE RETARDANT TREATED	TOC	TOP OF CONCRETE
FT	FOOT	TOS	TOP OF STEEL
FTG	FOOTING	TOSL	TOP OF SLAB
GA	GAGE	TOW	TOP OF WALL
GALV	GALVANIZED	TYP	TYPICAL
GB	GRADE BEAM	UNO	UNLESS NOTED OTHERWISE
GC	GENERAL CONTRACTOR	VB	VAPOR BARRIER
GRD	GRADE	VERT	VERTICAL
HD	HEADED	VR	VAPOR RETARDER
HK	HOOK	WPT	WORK POINT
HORIZ	HORIZONTAL	WWF	WELDED WIRE FABRIC

STRUCTURAL MATERIALS LEGEND

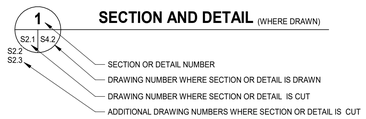
- EARTH
- CAST IN PLACE CONCRETE
- CLAY BRICK
- HOLLOW CONCRETE BLOCK
- SPLIT-FACE CONCRETE BLOCK
- GROUT FILLED CONCRETE BLOCK
- PRECAST CONCRETE
- POROUS FILL OR GRANULAR BASE COURSE

PLAN LEGEND

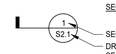
- ℄ — CENTERLINE
- JBE (+X'-X") — JOIST BEARING ELEVATION
- BP1, BP2 ... — BEAM BEARING PLATE
- BP-A, BP-B ... — COLUMN BASE PLATE
- H1, H2 ... — WOOD HEADER
- J1, J2 ... — WOOD JOIST
- T-1, T-2 ... — TRUSS
- WP1, WP2 ... — WOOD POST
- P-1, P-2 ... — CONCRETE PIER
- JS — JOIST SUBSTITUTE
- SP — SPECIAL JOIST
- WALL FOOTING STEP
- (X'-X") — TOP OF FOOTING ELEVATION
- WP — WORK POINT
- (X'-X") — TOP OF SLAB ELEVATION
- L1, L2 ... — LINTEL
- X.X — COLUMN FOOTING
- (+X'-X") — TOP OF STEEL BEAM ELEVATION
- (J) — INDICATES TOP OF STRUCTURAL MEMBER SHALL BE IN SAME PLANE AS TOP OF JOIST
- (SL) — INDICATES TOP OF STRUCTURAL MEMBER SHALL BE SLOPED
- WFX.X — WALL FOOTING
- THICKENED SLAB
- ★ — STEEL JOIST BOTTOM CHORD EXTENSION, WELDED
- STEEL BEAM MOMENT CONNECTION
- (EX) — EXISTING
- TF — TRANSFER FORCE
- #5@48" — CMU WALL REINFORCING SIZE AND SPACING
- CHANGE IN SLAB ELEVATION

LEGEND FOR SECTION AND DETAIL MARKS

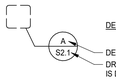
SECTION AND DETAIL (WHERE DRAWN)



SECTION WHERE CUT



DETAIL WHERE CUT



DESIGN LOAD DATA

1. CLASSIFICATION OF BUILDING
   RISK CATEGORY (IBC TABLE 1604.5) — IV
2. FLOOR LIVE LOADS — UNIFORM — CONCENTRATED
   - LOBBIES AND FIRST FLOOR CORRIDORS — 100 PSF — 2000 LB
   - CONCENTRATED LOAD APPLIED OVER 2'-6" x 2'-6" AREA.
3. ROOF LIVE LOADS
   - MINIMUM ROOF LIVE LOAD — 20 PSF — 300 LB
   - CONCENTRATED LOAD APPLIED OVER 2'-6" x 2'-6" AREA.
4. SUPERIMPOSED DEAD LOADS
   - ROOF — 20 PSF
5. ROOF SNOW LOAD
   - GROUND SNOW LOAD (Pg) — 25 PSF
   - IMPORTANCE FACTOR (Is) — 1.2
   - EXPOSURE FACTOR (Ce) — 1.0
   - THERMAL FACTOR (Ct) — 1.0
   - FLAT ROOF SNOW LOAD (Pf = 0.7 x Ce x Ct x Is x Pg) — 24 PSF
   - MINIMUM Pf FOR Pg > 20 PSF
     Pf min = 20 x I — 24 PSF
   - SLOPED ROOF SNOW LOAD (Ps = Cs x Pf) — 21 PSF
6. THE ABOVE LOADS ARE BASED ON IBC 2015 VUSBC AND ARE INCLUDED SOLELY FOR THE PURPOSED OF MECHANICAL EQUIPMENT SUPPORT FROM EXISTING ROOF STRUCTURE AND FOR DESIGN/VERIFICATION THAT THE EXISTING STRUCTURE CAN SUPPORT ADDED LOADINGS.
7. WIND AND SEISMIC LOADS HAVE NOT BEEN INCLUDED IN THE DESIGN DATA INFORMATION AS THE RENOVATION IS NOT CHANGING THE ORIGINAL EXISTING STRUCTURE LATERAL FORCE SYSTEM.

GENERAL

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE VIRGINIA UNIFORM STATEWIDE BUILDING CODE (USBC), 2015 EDITION, EFFECTIVE SEPTEMBER 4, 2018.
2. THE STRUCTURAL DRAWINGS ARE INTENDED TO BE USED IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS AND THE DRAWINGS OF THE OTHER ENGINEERING DISCIPLINES.
3. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE BETTER QUALITY. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE GREATER QUANITY OF WORK.
4. VERIFY AND COORDINATE MECHANICAL UNIT SUPPORTS AND OPENINGS WITH EQUIPMENT PURCHASED FOR THE PROJECT. COORDINATE REQUIREMENTS FOR SLEEVES, HANGERS, INSERTS, ANCHORS AND ALL OTHER ITEMS TO BE SET IN STRUCTURAL WORK.

CONCRETE

6. REFER TO DRAWING S3.0.1 FOR REINFORCING BAR LAP LENGTHS.
1. ALL CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" AND ACI 301 "STANDARD SPECIFICATIONS FOR STRUCTURAL CONCRETE".
2. CONCRETE SHALL BE NORMAL WEIGHT TYPE III, WITH ASTM C618 FLY ASH OR ASTM C989 GRADE 100 OR 120 GROUND GRANULATED BLAST-FURNACE SLAG, ASTM C33 NORMAL WEIGHT 1" NOMINAL MAXIMUM COURSE AGGREGATE, ASTM C330 LIGHT WEIGHT AGGREGATE 3/4" NOMINAL MAXIMUM AGGREGATE SIZE, FINE AGGREGATE FREE OF DELETERIOUS RACTIVITY TO ALKALI CEMENT, ASTM C94 POTABLE WATER, AND SHALL OBTAIN ULTIMATE 28 DAY COMPRESSIVE STRENGTHS (F'c) AND HAVE SLUMP AND WATER CEMENT RATIO, AS FOLLOWS:

FOOTINGS	3000 PSI - 5 INCH, PLUS OR MINUS 1 INCH SLUMP - MAX WATER/CEMENT =	0.56
SLAB-ON-GRADE	3500 PSI - 5 INCH, PLUS OR MINUS 1 INCH SLUMP - MAX WATER/CEMENT =	0.52

3. ALL EXTERIOR CONCRETE SHALL BE AIR-ENTRAINED 6% +/-1%.
4. REINFORCING STEEL SHALL BE AS FOLLOWS:
   - REINFORCING BARS: ASTM A615, GRADE 60, DEFORMED
   - WELDED WIRE FABRIC: ASTM A1064, SHEET TYPE ONLY
   - WELDABLE REINFORCING BARS: ASTM A706 LOW ALLOW STEEL REINFORCING BARS, DEFORMED
   - DEFORMED BAR ANCHORS (DBA) ASTM A1064, DEFORMED
   - WELDING PER AWS D1.4 STRUCTURAL WELDING CODE - REINFORCING STEEL
5. MINIMUM CONCRETE COVER OVER REINFORCING SHALL BE UNO:

A. UNFORMED SURFACE CAST AGAINST EARTH	3 IN
B. FORMED SURFACE EXPOSED TO EARTH/WEATHER	2 IN
C. FORMED SLABS AND WALLS NOT EXPOSED TO EARTH/WEATHER FOR #11 AND SMALLER BAR	3/4 IN
D. ALL OTHER FORMED ELEMENTS NOT EXPOSED TO EARTH/WEATHER	1 1/2 IN

6. CONTRACTOR SHALL SUBMIT MIX DESIGNS FOR EACH CONCRETE MIXTURE. CONTRACTOR SHALL SUBMIT ALTERNATE DESIGN MIXTURES WHEN CHARACTERISTICS OF MATERIALS, PROJECT CONDITIONS, WEATHER, TEST RESULTS, OR OTHER CIRCUMSTANCES WARRANT ADJUSTMENTS.
7. CONTRACTOR SHALL SUBMIT STEEL REINFORCEMENT SHOP DRAWINGS FOR REVIEW. SHOP DRAWINGS SHALL INCLUDE THE BAR SIZE, LENGTHS, MATERIAL, GRADE, BAR SCHEDULES, STIRRUP SPACING, BENT BAR DIAGRAMS, BAR ARRANGEMENT, SPICES AND LAPS, TIE SPACING, HOOP SPACING, AND SUPPORTS FOR CONCRETE REINFORCEMENT.
8. CONTRACTOR SHALL SUBMIT MATERIAL CERTIFICATES FOR EACH OF THE FOLLOWING, SIGNED BY MANUFACTURER:
   - A. CEMENTITIOUS MATERIALS.
   - B. ADMIXTURES.
   - C. PLYWOOD FORM MATERIALS AND COMMERCIALLY FORMULATED FORM-RELEASE AGENTS.
   - D. STEEL REINFORCEMENT AND ACCESSORIES.
   - E. FIBER REINFORCEMENT.
   - F. CURING COMPOUNDS.
   - G. BONDING AGENTS ASTM C 1059/C 1059M, TYPE II, NON-REDISPERSIBLE, ACRYLIC EMULSION OR STYRENE BUTADIENE.
   - H. ADHESIVES.
   - I. VAPOR BARRIER: A 15 MIL VAPOR BARRIER WITH A WATER VAPOR TRANSMISSION RATE (WVTR) OF 0.008 GRAINS/H-SQ. FT. OR LOWER WHEN TESTED IN ACCORDANCE WITH ASTM E 96; MEETING OR EXCEEDING THE REQUIREMENT OF ASTM E 1745 CLASS A; AND WHERE THE VAPOR BARRIER COMPONENT (PLASTIC) IS NO LESS THAN 10 MILS THICK IN PER ACI 302.1 R-96, AND CONSISTS OF MULTI-LAYER EXTRUDED VIRGIN POLYOLEFIN PLASTIC. UNGRADED POLYETHYLENE SHEET IS NOT ACCEPTABLE. INCLUDE COMPANION JOINT TAPE, MASTIC, AND ACCESSORY MATERIALS
     1. LAP JOINTS 6" AND SEAL TO VERTICAL INTERUPTIONS/ELEMENTS, INCLUDING FOUNDATION WALLS, COLUMNS, AND UTILITIES, AND REPAIR DAMAGE PER MANUFACTURERS APPROVED PRINTED INSTRUCTIONS.
   - J. ISOLATION JOINT-FILLER STRIP: ASTM D 1751, PRE-FORMED ASPHALT-SATURATED CELLULOSIC FIBER, WITH SCORED TOP STRIP TO FACILITATE INSTALLATION OF SEALANT. THICKNESS SHALL BE ½" UNLESS OTHERWISE INDICATED.
   - K. EXPANSION JOINT FILLER STRIP: PRE-FORMED CLOSED CELL POLYETHELENE FOAM WITH PRESSURE SENSITIVE ADHESIVE, AND SCORED TOP STRIP TO FACILITATE INSTALLATION OF SEALANT. THICKNESS SHALL BE ½-INCH UNLESS OTHERWISE INDICATED.
   - L. BAR SUPPORTS - BOLSTERS AND CHAIRS
   - M. REPAIR MATERIALS.
   - N. FLOOR AND SLAB TREATMENTS.
     - PENETRATING LIQUID FLOOR TREATMENT: CLEAR, CHEMICALLY REACTIVE, WATERBORNE SOLUTION OF INORGANIC SILICATE OR SILICONATE MATERIALS AND PROPRIETARY COMPONENTS; ODORLESS; COLORLESS, THAT PENETRATES, HARDENS, AND DENSIFIES CONCRETE SURFACES.
       1. AVAILABLE PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, AVAILABLE PRODUCTS THAT MAY BE INCORPORATED INTO THE WORK INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
          - A. EUCLID CHEMICAL COMPANY (THE); "EUCO DIAMOND HARD."
          - B. L&M CONSTRUCTION CHEMICALS, INC.; "SEAL HARD."
          - C. MEADOWS, W. R., INC.; "LIQUI-HARD."
          - D. METALCRETE INDUSTRIES; "FLOORSAVER."
9. CONTRACTOR SHALL PREPARE, CLEAN AND INSTALL JOINT FILLER ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS. DO NOT FILL JOINTS UNTIL CONSTRUCTION TRAFFIC HAS PERMANENTLY CEASED. REMOVE DIRT, DEBRIS, SAW CUTTINGS, CURING COMPOUNDS, AND SEALERS FROM JOINTS; LEAVE CONTACT FACES OF JOINT CLEAN AND DRY.
10. CONTRACTOR SHALL PLACE AND SECURE ANCHOR RODS, ACCURATELY LOCATED, TO ELEVATIONS REQUIRED AND COMPLYING WITH TOLERANCES IN SECTION 7.5 OF AISC'S "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES."
11. SOURCE LIMITATIONS: OBTAIN EACH TYPE OR CLASS OF CEMENTITIOUS MATERIAL OF THE SAME BRAND FROM THE SAME MANUFACTURER'S PLANT, OBTAIN AGGREGATE FROM SINGLE SOURCE, AND OBTAIN ADMIXTURES FROM SINGLE SOURCE FROM SINGLE MANUFACTURER.
12. THE OWNER SHALL ENGAGE A QUALIFIED INDEPENDENT TESTING AGENCY TO PERFORM MATERIAL EVALUATION TESTS AND TO DESIGN CONCRETE MIXTURES.
13. CONTRACTOR SHALL NOTIFY OWNERS TESTING AGENT TO PERMIT INSPECTION IF SUB-BASE A MINIMUM OF 24 HOURS PRIOR TO PLACEMENT OF REINFORCING STEEL AND CONCRETE. CONTRACTOR SHALL NOTIFY OWNERS TESTING AGENT TO PERMIT INSPECTION OF REINCORCING STEEL A MINIMUM OF 24 HOURS PRIOR TO PLACEMENT OFCONCRETE.
14. TESTING OF COMPOSITE SAMPLES OF FRESH CONCRETE OBTAINED ACCORDING TO ASTM C 172 SHALL BE PERFORMED ACCORDING TO THE FOLLOWING REQUIREMENTS:
   - A. TESTING FREQUENCY: OBTAIN ONE COMPOSITE SAMPLE FOR EACH DAY'S POUR OF EACH CONCRETE MIXTURE EXCEEDING 5 CU. YD., BUT LESS THAN 25 CU. YD., PLUS ONE SET FOR EACH ADDITIONAL 50 CU. YD. OR FRACTION THEREOF.
   - B. SLUMP: ASTM C 143; ONE TEST AT POINT OF PLACEMENT FOR EACH COMPOSITE SAMPLE, BUT NOT LESS THAN ONE TEST FOR EACH DAY'S POUR OF EACH CONCRETE MIXTURE. PERFORM ADDITIONAL TESTS WHEN CONCRETE CONSISTENCY APPEARS TO CHANGE.
   - C. AIR CONTENT: ASTM C 231, PRESSURE METHOD, FOR NORMAL-WEIGHT CONCRETE; ASTM C 173, VOLUMETRIC METHOD, FOR STRUCTURAL LIGHTWEIGHT CONCRETE; ONE TEST FOR EACH COMPOSITE SAMPLE, BUT NOT LESS THAN ONE TEST FOR EACH DAY'S POUR OF EACH CONCRETE MIXTURE.
   - D. CONCRETE TEMPERATURE: ASTM C 1064; ONE TEST HOURLY WHEN AIR TEMPERATURE IS 40 DEG F AND BELOW AND WHEN 80 DEG F AND ABOVE, AND ONE TEST FOR EACH COMPOSITE SAMPLE.
   - E. UNIT WEIGHT: ASTM C 567, FRESH UNIT WEIGHT OF STRUCTURAL LIGHTWEIGHT CONCRETE; ONE TEST FOR EACH COMPOSITE SAMPLE, BUT NOT LESS THAN ONE TEST FOR EACH DAY'S POUR OF EACH CONCRETE MIXTURE.
   - F. COMPRESSION TEST SPECIMENS: ASTM C 31.
     - A. CAST AND LABORATORY CURE ONE SET OF FIVE STANDARD CYLINDER SPECIMENS FOR EACH COMPOSITE SAMPLE.
   - G. COMPRESSIVE-STRENGTH TESTS: ASTM C 39; TEST ONE SET OF TWO SPECIMENS AT 7 DAYS AND ONE SET OF TWO SPECIMENS AT 28 DAYS. HOLD ONE SPECIMEN IN RESERVE FOR 56 DAY TEST.
     1. A COMPRESSIVE-STRENGTH TEST SHALL BE THE AVERAGE COMPRESSIVE STRENGTH FROM A SET OF TWO SPECIMENS OBTAINED FROM SAME COMPOSITE SAMPLE AND TESTED AT AGE INDICATED.
   - H. STRENGTH OF EACH CONCRETE MIXTURE WILL BE SATISFACTORY IF EVERY AVERAGE OF ANY THREE CONSECUTIVE COMPRESSIVE-STRENGTH TESTS EQUALS OR EXCEEDS SPECIFIED COMPRESSIVE STRENGTH AND NO COMPRESSIVE-STRENGTH TEST VALUE FALLS BELOW SPECIFIED COMPRESSIVE STRENGTH BY MORE THAN 500 PSI.
15. REPAIR MATERIALS
   - A. REPAIR UNDERLAYMENT: CEMENT-BASED, POLYMER-MODIFIED, SELF-LEVELING PRODUCT THAT CAN BE APPLIED IN THICKNESSES FROM 1/8 INCH AND THAT CAN BE FEATHERED AT EDGES TO MATCH ADJACENT FLOOR ELEVATIONS.
     1. CEMENT BINDER: ASTM C 150, PORTLAND CEMENT OR HYDRAULIC OR BLENDED HYDRAULIC CEMENT AS DEFINED IN ASTM C 219.
     2. PRIMER: PRODUCT OF UNDERLAYMENT MANUFACTURER RECOMMENDED FOR SUBSTRATE, CONDITIONS, AND APPLICATION.
     3. AGGREGATE: WELL-GRADED, WASHED GRAVEL, 1/8 TO 1/4 INCH OR COARSE SAND AS RECOMMENDED BY UNDERLAYMENT MANUFACTURER.
     4. COMPRESSIVE STRENGTH: NOT LESS THAN 4100 PSI AT 28 DAYS WHEN TESTED ACCORDING TO ASTM C 109.
   - B. REPAIR OVERLAYMENT: CEMENT-BASED, POLYMER-MODIFIED, SELF-LEVELING PRODUCT THAT CAN BE APPLIED IN THICKNESSES FROM 1/4 INCH AND THAT CAN BE FILLED IN OVER A SCARIFIED SURFACE TO MATCH ADJACENT FLOOR ELEVATIONS.
     1. CEMENT BINDER: ASTM C 150, PORTLAND CEMENT OR HYDRAULIC OR BLENDED HYDRAULIC CEMENT AS DEFINED IN ASTM C 219.
     2. PRIMER: PRODUCT OF TOPPING MANUFACTURER RECOMMENDED FOR SUBSTRATE, CONDITIONS, AND APPLICATION.
     3. AGGREGATE: WELL-GRADED, WASHED GRAVEL, 1/8 TO 1/4 INCH OR COARSE SAND AS RECOMMENDED BY TOPPING MANUFACTURER.
     4. COMPRESSIVE STRENGTH: NOT LESS THAN 5000 PSI AT 28 DAYS WHEN TESTED ACCORDING TO ASTM C 109.
16. CONTRACTOR TO APPLY TROWEL FINISH AFTER FLOAT FINISH. CONSOLIDATE SURFACE BY HAND FLOATING THEN CONSOLIDATE CONCRETE BY HAND OR POWER-DRIVEN TROWEL. CONTINUE TROWELING PASSES UNTIL SURFACE IS FREE OF TROWEL MARKS AND UNIFORM IN TECTURE AND APPEARANCE. GRIND SMOOTH OF DEFECTS THAT WOULD TELEGRATH THROUGH APPLIED FLOORING.

STRUCTURAL STEEL

1. ALL STRUCTURAL STEEL WORK SHALL CONFORM TO THE FOLLOWING AISC DOCUMENTS:
   AISC 360 "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS"
   AISC 303 "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES"
   RCSC'S "SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH STRENGTH BOLTS"
2. STRUCTURAL STEEL SHALL COMPLY WITH THE FOLLOWING SPECIFICATIONS:

WIDE FLANGE SHAPES AND ANGLES	ASTM A992 (FY=50 KSI)
MISCELLANEOUS SHAPES, PLATES & BARS (TO 8" THICK)	ASTM A36 (FY=36 KSI)
HOLLOW STRUCTURAL SECTIONS (HSS)	
SQUARE & RECTANGLE	ASTM A500, GRADE C (FY=50 KSI)
ROUND	ASTM A500 GRADE C (FY=46 KSI)
HIGH STRENGTH BOLTS (CONVENTIONAL)	ASTM F3125 GRADE A325 OR A490 (TYPE 1)
WASHERS	ASTM F436 (FLAT AND BEVELED)
HEAVY HEX NUTS	ASTM A563
ANCHOR RODS	ASTM F1554, GRADE 55 INCLUDE SUPPLEMENT S1
WELDING ELECTRODES	E70 (LOW HYDROGEN)
HEADED SHEAR STUDS	AWS D1.1 CLAUSE 7, TYPE B (FY=51 KSI)
THREADED ROD	ASTM A36

3. UNLESS NOTED OTHERWISE, CONNECTIONS SHALL BE DESIGNED IN ACCORDANCE WITH AISC MANUAL OF STEEL CONSTRUCTION, AS SIMPLE CONNECTIONS USING ALLOWABLE STRENGTH DESIGN (ASD). CONNECTIONS FOR NON-COMPOSITE BEAMS SHALL BE DESIGNED FOR THE UNIFORM LOAD CAPACITY INDICATED IN THE ALLOWABLE UNIFORM LOAD TABLES, PART 3, OF THE AISC MANUAL. CONNECTIONS FOR COMPOSITE STEEL BEAMS SHALL BE DESIGNED FOR THE REACTIONS INDICATED ON THE PLANS.
4. BOLTED JOINTS SHALL BE "SNUG TIGHTENED", UNLESS OTHERWISE INDICATED.
5. WELDING SHALL BE IN ACCORDANCE WITH AWS D1.1 "STRUCTURAL WELDING CODE - STEEL".
6. WHERE STRUCTURAL STEEL IS EXPOSED BELOW GRADE, PROVIDE MINIMUM 3" CONCRETE COVER OR COAT WITH BITUMINOUS MASTIC.
7. STRUCTURAL STEEL EXPOSED TO WEATHER IN THE FINISHED WORK SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A123, UNLESS NOTED OTHERWISE.

CONCRETE MASONRY (CMU)

1. ALL MASONRY WORK SHALL CONFORM TO THE REQUIREMENTS OF TMS 602 "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES WITH COMMENTARY" AND TMS 602 "SPECIFICATIONS FOR MASONRY STRUCTURES WITH COMMENTARY".
2. NET AREA COMPRESSIVE STRENGTH OF CONCRETE MASONRY(F'm), SHALL BE 2000 PSI, DETERMINED IN ACCORDANCE WITH THE UNIT STRENGTH METHOD PER TMS 602, UNLESS NOTED OTHERWISE.
3. CONCRETE MASONRY UNITS (CMU) SHALL CONFORM TO ASTM C90, AND SHALL BE MADE WITH LIGHTWEIGHT AGGREGATE.
4. MORTAR FOR CMU SHALL CONFORM TO ASTM C270, TYPE S, UNLESS NOTED OTHERWISE.
5. GROUT SHALL CONFORM TO ASTM C476 AND SHALL BE PROPORTIONED TO OBTAIN MINIMUM ULTIMATE 28 DAY COMPRESSIVE STRENGTH OF 2500 PSI.
6. PLACE GROUT IN ACCORDANCE WITH TMS 602. ALLOW A MINIMUM OF 24 HOURS FOR MASONRY TO SET PRIOR TO PLACING GROUT.
7. FILL COLLAR JOINTS OF COMPOSITE WALLS SOLID WITH MORTAR AS THE WALLS PROGRESS. BOND WYTHES OF COMPOSITE WALLS TOGETHER USING HORIZONTAL JOINT REINFORCING @ 16" ON CENTER, UNLESS NOTED OTHERWISE.
8. PROVIDE VERTICAL REINFORCING STEEL OF SIZE AND SPACING INDICATED. LAP SPLICE LENGTHS SHALL BE AS FOLLOWS:

#4 BAR AND SMALLER	26 INCHES
#5 BAR	34 INCHES
#6 BAR	38 INCHES
#7 BAR	45 INCHES

9. PROVIDE POSITIONERS TO HOLD VERTICAL WALL REINFORCING STEEL IN PROPER ALIGNMENT.
10. REINFORCING STEEL SHALL COMPLY WITH ASTM A615, GRADE 60.
11. MASONRY WALLS OF HOLLOW UNITS WHICH CHANGE THICKNESS SHALL HAVE A CONTINUOUS SOLID OR GROUT FILLED COURSE BELOW THE TRANSITION. IF WALL THICKNESS IS GREATER ABOVE THE TRANSITION, THE COURSE ABOVE THE TRANSITION SHALL ALSO BE GROUTED SOLID.
12. FILL CMU CELLS WITH GROUT FROM TOP OF FOOTING TO TOP OF SLAB-ON-GRADE ELEVATION.
13. MASONRY WALL CONTROL JOINTS ARE NOT INDICATED ON THE STRUCTURAL DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR JOINT LOCATIONS AND DETAILS. COORDINATE JOINT LOCATIONS TO AVOID BEAM BEARING LOCATIONS AND SHEAR WALLS. DO NOT BREAK BOND BEAM REINFORCEMENT AT CONTROL JOINTS.

FIBER REINFORCING

1. SYNTHETIC MACRO-FIBER REINFORCING MAY BE SUBSTITUTED FOR WELDED WIRE FABRIC IN SLAB ON GRADE AND IN SLAB ON COMPOSITE STEEL FLOOR DECK.
2. DOSAGE RATE SHALL COMPLY WITH MANUFACTURER'S RECOMMENDATIONS.
3. FIBER SHALL BE ADDED AT THE CONCRETE BATCH PLANT.
4. FIBER SHALL BE INCLUDED IN THE CONCRETE MIX DESIGNS SUBMITTED FOR REVIEW.

COLD FORMED STEEL FRAMING

1. ALL STRUCTURAL COLD FORMED STEEL FRAMING (CFSF) SHALL COMPLY WITH AISI'S "NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS".
2. CFSF-NS (NON-STRUCTURAL): INCLUDES INTERIOR NON-LOAD BEARING STUD WALLS AND SUSPENDED CEILING FRAMING SYSTEM. REFER TO SECTION 092216 FOR ADDITIONAL INFORMATION.
3. ALL FRAMING MEMBERS, BRIDGING AND ACCESSORIES SHALL BE FORMED FROM STEEL SHEET HAVING A GALVANIZED COATING IN ACCORDANCE WITH ASTM A653.
4. ALL C - SHAPED FRAMING MEMBERS SHALL HAVE A MINIMUM FLANGE WIDTH OF 1 5/8 INCHES.
5. MINIMUM YIELD STRENGTH SHALL BE AS FOLLOWS:

FY = 33,000 PSI	18 GAUGE AND 20 GAUGE
FY = 50,000 PSI	16 GAUGE, 14 GAUGE AND 12 GAUGE

POST INSTALLED ANCHORS & DOWELS

1. INSTALL ALL ANCHORS IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED PROCEDURES AT NOT LESS THAN THE MINIMUM EDGE DISTANCES INDICATED IN THE MANUFACTURER'S LITERATURE. SUBMIT MANUFACTURER'S PRODUCT DATA FOR REVIEW BY THE ARCHITECT.
2. ALL ANCHORS (INCLUDING THREADED RODS, NUTS, WASHERS) SHALL BE ZINC PLATED IN ACCORDANCE WITH ASTM B633, FOR SERVICE CONDITION SC-1.
3. SCREW ANCHORS SHALL BE ONE OF THE FOLLOWING:

   SCREW-BOLT +, BY DEWALT
   TITEN HD, BY SIMPSON STRONG-TIE ANCHORING SYSTEMS
   KWIK HUS-EZ, BY HILTI

   HOLE DIAMETER THROUGH STEEL MEMBER SHALL BE 1/8 INCH LARGER THAN NOMINAL DIAMETER OF ANCHOR.

   MINIMUM SCREW ANCHOR EMBEDEMENTS SHALL BE AS FOLLOWS, UNO:
   4" EMBEDMENT FOR 1/2" DIAMETER ANCHOR
   5" EMBEDMENT FOR 5/8" DIAMETER ANCHOR
   6" EMBEDMENT FOR 3/4" DIAMETER ANCHOR
4. ADHESIVE ANCHORS SHALL CONSIST OF THREADED ROD (ASTM A36), HEX NUT (ASTM A563), WASHER (ASTM F436), AND ADHESIVE (TYPE PER NOTES A, B OR C BELOW).

   ADHESIVE DOWELS SHALL CONSIST OF DEFORMED REINFORCING BAR (ASTM A615, GRADE 60) AND ADHESIVE (TYPE PER NOTE A BELOW)

   A. "ADHESIVE ANCHORS" OR "ADHESIVE DOWELS" INSTALLED IN SOLID CONCRETE SHALL UTILIZE ONE OF THE FOLLOWING ADHESIVE SYSTEMS, OR APPROVED EQUAL:

      HYBRID (FAST CURE)

      AC200+ BY DEWALT
      ACRYLIC-TIE XP, BY SIMPSON STRONG-TIE ANCHORING SYSTEMS
      HIT-HY 200, BY HILTI

      EPOXY (SLOW CURE)

      PURE 110+, BY DEWALT
      SET-XP, BY SIMPSON STRONG-TIE ANCHORING SYSTEMS
      HIT RE 500-V3 EPOXY ADHESIVE, BY HILTI

   B. "ADHESIVE ANCHORS" INSTALLED IN SOLID GROUT FILLED CMU SHALL UTILIZE ONE OF THE FOLLOWING ADHESIVE SYSTEMS, OR APPROVED EQUAL:

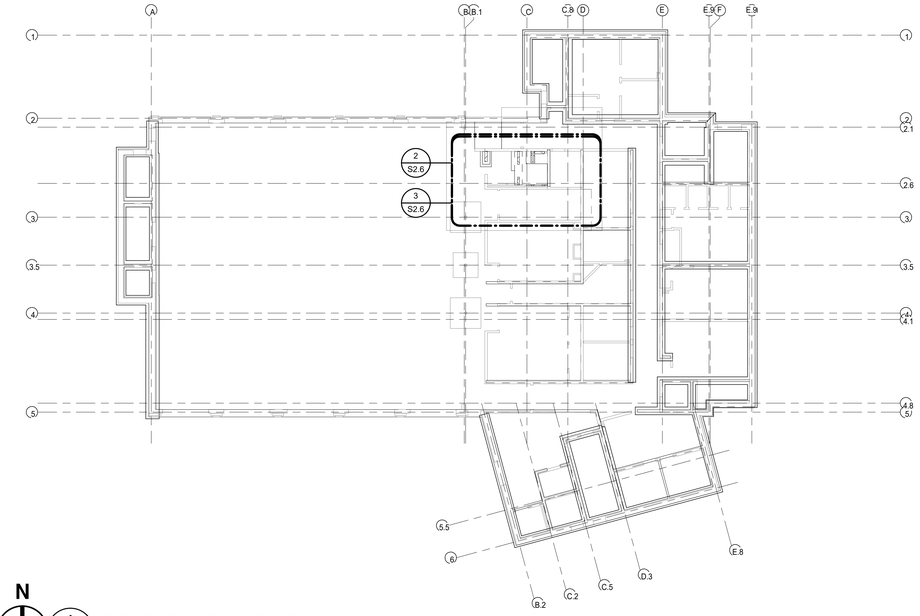
      HIT-HY 270, BY HILTI
      AC 100+ GOLD, BY DEWALT
      ACRYLIC-TIE, BY SIMPSON STRONG-TIE ANCHORING SYSTEMS

   C. "SCREEN TUBE ANCHORS" INSTALLED IN HOLLOW CMU SHALL UTILIZE ONE OF THE FOLLOWING ADHESIVE SYSTEMS, OR APPROVED EQUAL:

      HIT-HY 270, BY HILTI
      AC 100+ GOLD, BY DEWALT
      ACRYLIC-TIE, BY SIMPSON STRONG-TIE ANCHORING SYSTEMS

RENOVATION

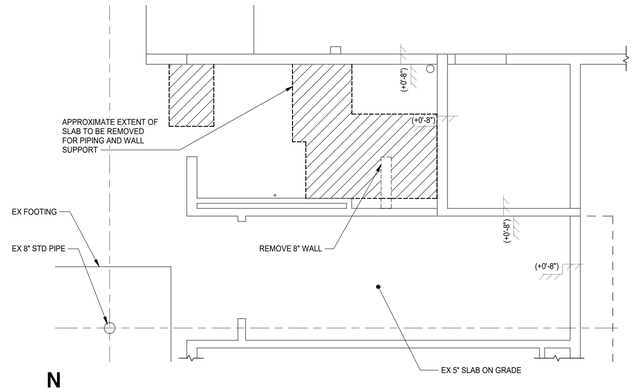
1. EXISTING CONSTRUCTION INDICATED ON THE STRUCTURAL DRAWINGS IS BASED ON INFORMATION OBTAINED FROM THE ORIGINAL DESIGN DRAWINGS AND ON LIMITED OBSERVATIONS OF EXISTING CONDITIONS. THIS INFORMATION, INCLUDING STRUCTURAL COMPONENT TYPE, SIZE AND ORIENTATION HAS NOT BEEN CONFIRMED IN ALL CASES, AND MAY NOT MAT



N 1 S2.6

FOUNDATION PLAN - FS #6

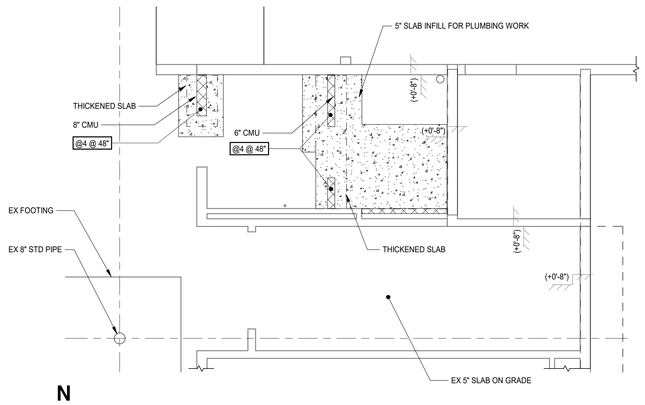
1/16" = 1'-0"



N 2 S2.6 S2.6

FOUNDATION PLAN - FS #6 DEMO PLAN - SHOWER

1/4" = 1'-0"



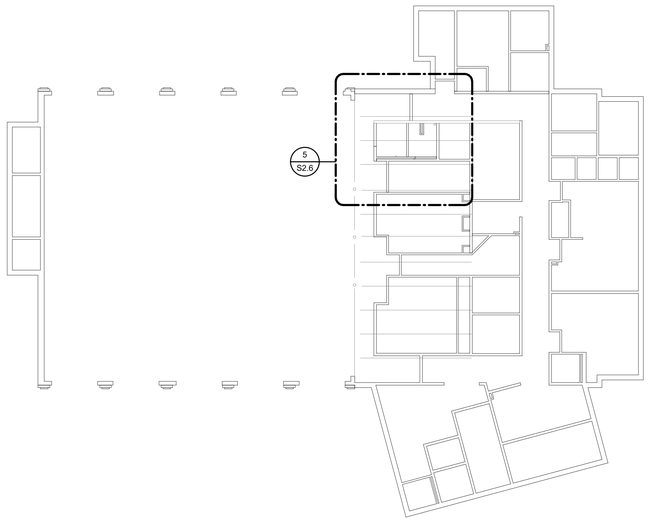
N 3 S2.6 S2.6

FOUNDATION PLAN - FS #6 SHOWER

1/4" = 1'-0"

FOUNDATION PLAN NOTES:

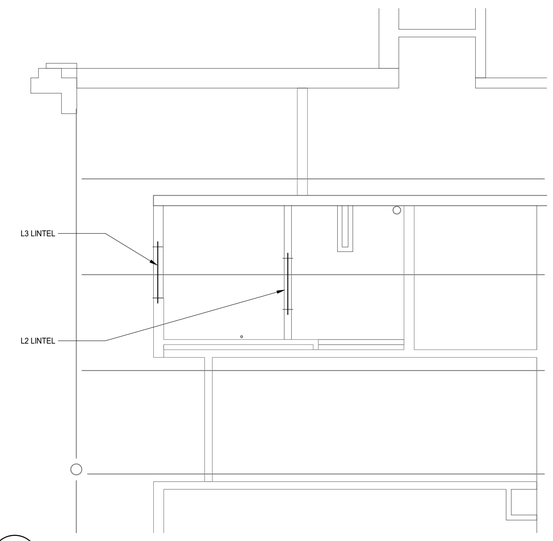
1. FINISHED FIRST FLOOR ELEVATION = 295.83' = REFERENCE DATUM EL (+0'-0"). ALL STRUCTURAL ELEVATIONS INDICATED ARE REFERENCED FROM THIS ELEVATION, UNO.
2. REFER TO DRAWING S0.0.1 FOR GENERAL NOTES, PLAN LEGEND, AND STRUCTURAL ABBREVIATIONS.
3. REFER TO DRAWINGS S3.0.1 FOR TYPICAL FOUNDATION DETAILS AND SCHEDULES.
4. FLOOR CONSTRUCTION SHALL BE 5" NORMAL WEIGHT CONCRETE SLAB ON GRADE REINFORCED WITH 6x6-W2.9xW2.9 WWF (AT 1" FROM TOP OF SLAB) OVER VAPOR BARRIER OVER 4" GRANULAR BASE COURSE, UNO.



N 4 S2.6

FS -#6 FRAMING PLAN

1/16" = 1'-0"



N 5 S2.6 S2.6

FRAMING PLAN - FS -#6 - SHOWER

1/4" = 1'-0"

MOSELEYARCHITECTS
3200 NORFOLK STREET, RICHMOND, VA 23230
PHONE (804) 794-7555 FAX (804) 355-3690
MOSELEYARCHITECTS.COM

COMMONWEALTH OF VIRGINIA
PAMELA J. BULLIVANT
Lic. No. 0402043907
09/22/2021
PROFESSIONAL ENGINEER

KELLY DAY RENOVATIONS FS 6

563006
6950 Little Falls Rd, Arlington, VA 22213
Owner: Arlington County

PROJECT NO: 563006
DATE: SEPTEMBER 22, 2021

REVISIONS	
DATE	DESCRIPTION

FRAMING PLANS - FS6

S2.6

9/23/2021 10:24:17 AM

LAP SPLICES SHALL BE IN ACCORDANCE WITH ACI 318 CHAPTER 25 AS INDICATED BELOW. TOP BAR LAPS (HORIZONTAL BARS WITH MORE THAN 12" OF CONCRETE CAST BELOW THE BAR) SHALL BE MODIFIED BY A MULTIPLICATION OF 1.3 TIMES THE LENGTHS LISTED IN THE TABLE BELOW. LENGTHS INDICATED IN INCHES.

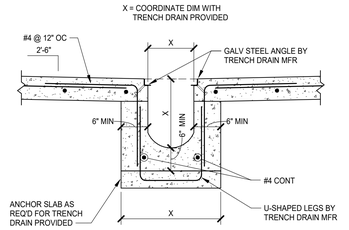
NORMAL-WEIGHT (145 PCF)

f'c (psi)	LAP CLASS	#3	#4	#5	#6	#7	#8	#9
3000	A	16	22	27	33	48	55	62
	B	21	28	36	43	62	71	80
3500	A	15	20	25	30	44	51	57
	B	20	26	33	40	58	66	74
4000	A	14	19	24	28	42	47	53
	B	18	25	31	37	54	62	69
5000	A	13	17	21	25	37	42	48
	B	17	22	28	33	48	55	62

LIGHTWEIGHT (110 PCF)

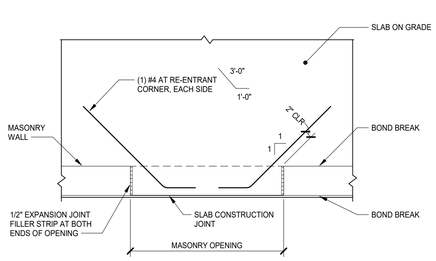
f'c (psi)	LAP CLASS	#3	#4	#5	#6	#7	#8	#9
3000	A	22	29	37	44	64	73	82
	B	28	38	47	57	83	95	107
3500	A	20	27	34	41	59	68	76
	B	26	35	44	53	77	88	99
4000	A	19	25	32	38	55	63	71
	B	25	33	41	49	72	82	92
5000	A	17	23	28	34	49	57	64
	B	22	29	37	44	64	74	83

ACI 318 LAP LENGTHS

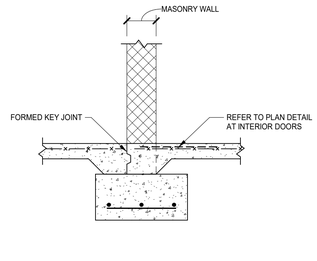


TRENCH DRAIN DETAIL

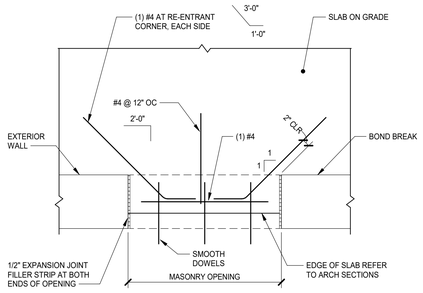
NO SCALE



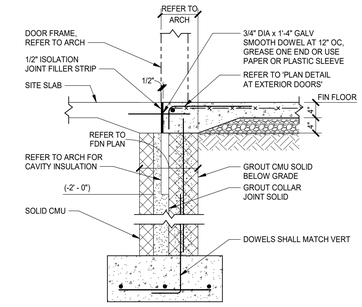
PLAN AT INTERIOR DOORS



SECTION AT INTERIOR DOORS



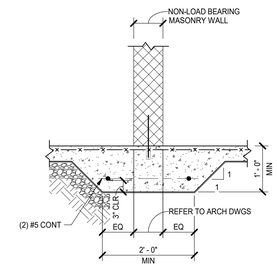
PLAN AT EXTERIOR DOORS



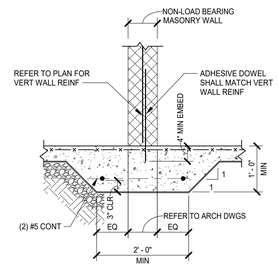
SECTION AT EXTERIOR DOORS

SLAB ON GRADE DETAILS AT DOORS

NO SCALE



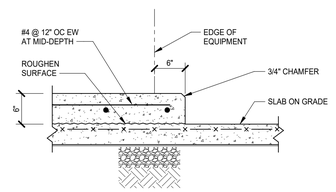
UNREINFORCED WALLS



NON-LOAD BEARING REINFORCED WALLS

THICKENED SLAB ON GRADE DETAILS

NO SCALE



HOUSEKEEPING PAD

EQUIPMENT PAD DETAILS

NO SCALE

MOSELEY ARCHITECTS
3200 NORFOLK STREET, RICHMOND, VA 23230
PHONE (804) 794-7555 FAX (804) 355-8690
MOSELEYARCHITECTS.COM

COMMONWEALTH OF VIRGINIA
PAMELA J. BULLIVANT
Lic. No. 0402043907
09/22/2021
PROFESSIONAL ENGINEER

KELLY DAY RENOVATIONS FS 6

563006
6950 Little Falls Rd, Arlington, VA 22213
Owner: Arlington County

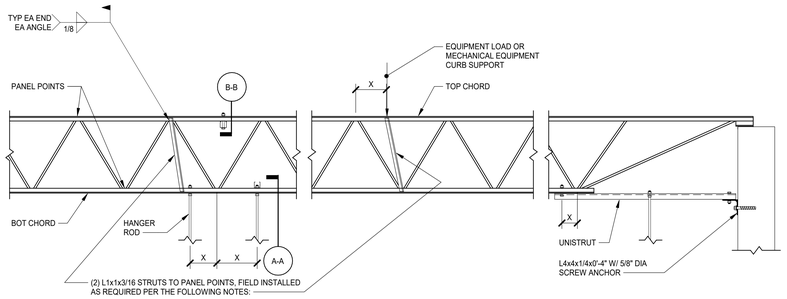
PROJECT NO: 563006
DATE: SEPTEMBER 22, 2021

REVISIONS	
DATE	DESCRIPTION

TYPICAL SLAB DETAILS

S3.0.1

9/23/2021 10:24:18 AM



K-SERIES JOISTS:

1. WHERE UTILITIES RUN PARALLEL TO JOISTS, INDIVIDUAL HANGERS SHALL BE SPACED SUCH THAT HANGER LOAD (IF DIRECTLY BELOW JOIST), OR UNISTRUT REACTION (IF PIPE IS BETWEEN JOISTS) DOES NOT EXCEED 200 LBS.
2. WHERE UTILITIES RUN PERPENDICULAR TO JOISTS, INDIVIDUAL HANGERS SHALL BE SPACED SUCH THAT HANGER LOAD DOES NOT EXCEED 200 LBS.
3. IF INDIVIDUAL HANGER LOAD EXCEEDS 200 LBS ON ANY JOIST, AND DIMENSION 'X' EXCEEDS 6", STRUTS SHALL BE INSTALLED AS INDICATED ABOVE.
4. WHERE MULTIPLE HANGERS ARE LOCATED BETWEEN PANEL POINTS, THE CUMULATIVE LOAD SHALL NOT EXCEED 200 LBS.

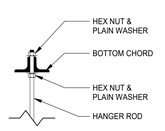
KCS AND LH-SERIES JOISTS:

1. WHERE UTILITIES RUN PARALLEL TO JOISTS, INDIVIDUAL HANGERS SHALL BE SPACED SUCH THAT HANGER LOAD (IF DIRECTLY BELOW JOIST), OR UNISTRUT REACTION (IF PIPE IS BETWEEN JOISTS) DOES NOT EXCEED 500 LBS.
2. WHERE UTILITIES RUN PERPENDICULAR TO JOISTS, INDIVIDUAL HANGERS SHALL BE SPACED SUCH THAT HANGER LOAD DOES NOT EXCEED 500 LBS, OR HANGER SHALL BE LOCATED AT EA JOIST.
3. IF INDIVIDUAL HANGER LOAD EXCEEDS 500 LBS ON ANY JOIST, AND DIMENSION 'X' EXCEEDS 6", STRUTS SHALL BE INSTALLED AS INDICATED ABOVE.
4. WHERE MULTIPLE HANGERS ARE LOCATED BETWEEN PANEL POINTS, THE CUMULATIVE LOAD SHALL NOT EXCEED 500 LBS.

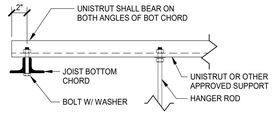
GENERAL:

1. C-CLAMPS SHALL NOT BE USED WHERE HANGER LOAD EXCEEDS 50 LBS.
2. REFER TO DRAWING S0.0.1 FOR STEEL JOIST NOTES.

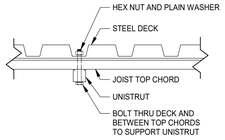
NOTE:
THE GENERAL CONTRACTOR SHALL COORDINATE THESE REQUIREMENTS FOR HANGER SPACING AND JOIST REINFORCING STRUTS WITH MECHANICAL, PLUMBING, AND FIRE PROTECTION TRADES IN ORDER TO ENSURE THAT THESE REQUIREMENTS ARE ACCOUNTED FOR IN THE BID PRICE AND IMPLEMENTED IN THE FIELD. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION OF THE REINFORCING STRUTS IN ALL CASES WHERE THE HANGER LOAD EXCEEDS THE MAXIMUM. IF HANGER LOCATIONS ARE COORDINATED TO COMPLY WITH THE MAXIMUM HANGER LOADS INDICATED IN THIS DETAIL, THE NUMBER OF JOIST REINFORCING STRUTS WILL BE MINIMIZED.



NOTE: CONTRACTOR SHALL PROVIDE DESIGN OF HANGER ASSEMBLY. C-CLAMPS PERMITTED WHEN LOAD IS LESS THAN 50 LBS



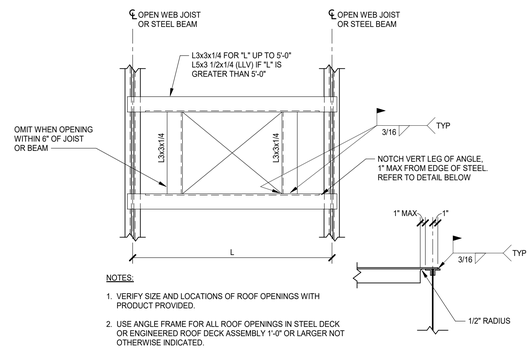
SECTION A-A



SECTION B-B

TYPICAL CONCENTRATED LOAD ON STEEL JOIST

NO SCALE

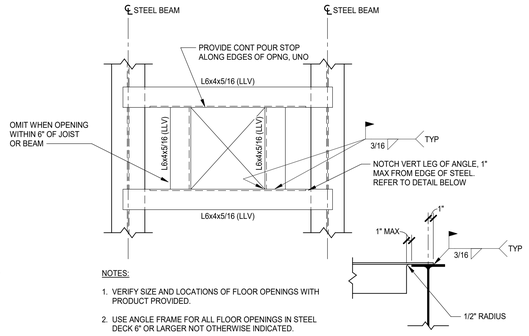


NOTES:

1. VERIFY SIZE AND LOCATIONS OF ROOF OPENINGS WITH PRODUCT PROVIDED.
2. USE ANGLE FRAME FOR ALL ROOF OPENINGS IN STEEL DECK OR ENGINEERED ROOF DECK ASSEMBLY 1'-0" OR LARGER NOT OTHERWISE INDICATED.

ROOF OPENING SUPPORT DETAIL

NO SCALE

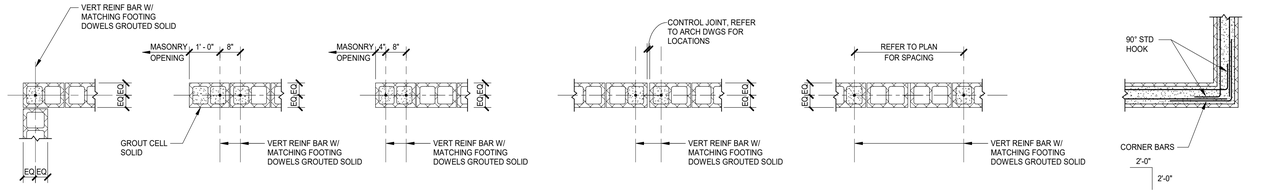


NOTES:

1. VERIFY SIZE AND LOCATIONS OF FLOOR OPENINGS WITH PRODUCT PROVIDED.
2. USE ANGLE FRAME FOR ALL FLOOR OPENINGS IN STEEL DECK 6" OR LARGER NOT OTHERWISE INDICATED.

FLOOR OPENING SUPPORT DETAIL

NO SCALE



CORNER | **JAMB AT STEEL LINTEL** | **JAMB AT CMU BOND BEAM LINTEL** | **VERTICAL CONTROL JOINTS** | **TYPICAL REINFORCED WALL** | **BOND BEAM PLAN DETAIL AT CORNER**

NOTES:

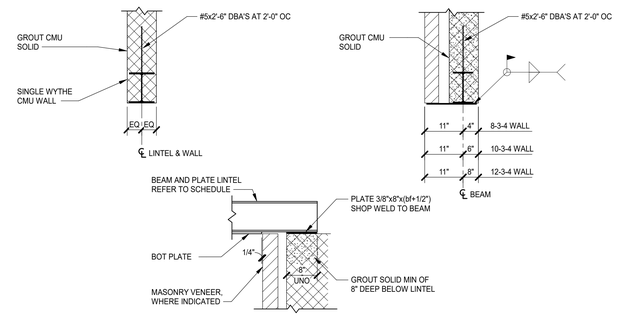
1. REINFORCING BAR SIZE INDICATED ON FOUNDATION PLAN.
2. DETAILS ARE PROVIDED FOR VERTICAL REINFORCING STEEL PLACEMENT ONLY. REFER TO ARCHITECTS DRAWINGS FOR SPECIFIC MASONRY DETAILS.

CMU WALL REINFORCING DETAILS

NO SCALE

LINTEL SCHEDULE

MARK	DIAGRAM	BOND BEAM (W x H)	REINFORCING	STEEL	NOTES
L1				(2) L4x3 1/2x5/16 (LLV)	
L2		6 x 8	(1) #5		
L3		8 x 8	(2) #5		



STEEL LINTEL DETAILS (CMU BACKUP)

LINTEL NOTES

1. LINTELS FOR ARCHITECTURAL OPENINGS (WINDOWS, DOORS, LOUVERS) IN BEARING WALLS AND EXTERIOR WALLS ARE IDENTIFIED BY MARK NUMBER ON THE FRAMING PLAN(S) AND INCLUDED IN THE LINTEL SCHEDULE.
2. LINTELS FOR ARCHITECTURAL OPENINGS IN NON-LOAD BEARING WALLS AND OTHER WALLS WHICH ARE NOT INDICATED ON THE FRAMING PLAN(S) SHALL BE CONSTRUCTED PER NOTES A, B OR C BELOW.

   A. STEEL ANGLE LINTELS

   PROVIDE ONE ANGLE FOR EACH NOMINAL 4" OF WALL THICKNESS PER THE FOLLOWING SCHEDULE.

MASONRY OPENING	ANGLE SIZE
UP TO 5'-0"	L3 1/2x3 1/2x 5/16
5'-1" TO 6'-0"	L4x3 1/2x 5/16 (LLV)
6'-1" TO 7'-0"	L5x3 1/2x 3/8 (LLV)
OVER 7'-0"	AS DETAILED

   FOR OPENINGS ON 10" CMU, HORIZONTAL LEGS OF ANGLES SHALL BE A COMBINATION OF 5" AND 4".

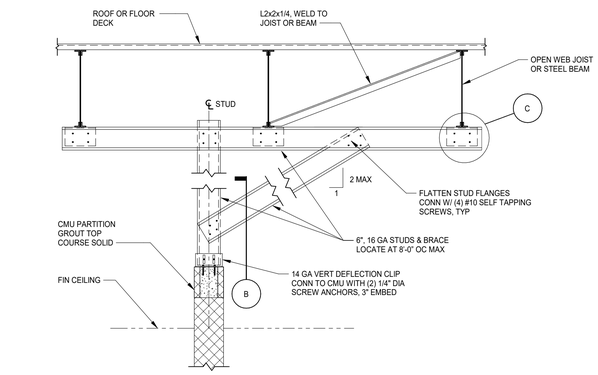
   FOR OPENINGS IN 6" CMU REQUIRING STEEL LINTELS, USE WT7x11 UP TO 7'-0" OPENING.

   B. REINFORCED BOND BEAM LINTELS

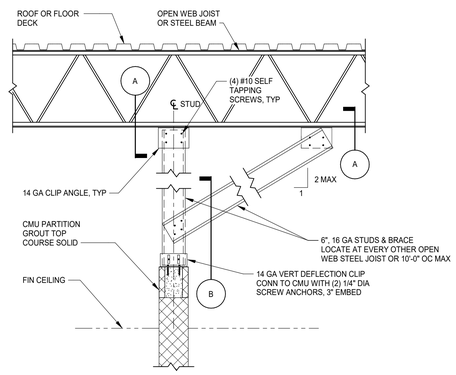
   LINTELS SHALL MATCH THICKNESS OF WALL. REINFORCE 8", 10" AND 12" BOND BEAM WITH (2) #5 BARS AT BOTTOM. REINFORCE 6" BOND BEAM WITH (1) #5 BAR AT BOTTOM. BOND BEAM SHALL BE 8" DEEP FOR OPENING WIDTH UP TO 5'-0", AND SHALL BEAR 8" ON SOLID MASONRY EACH END. BOND BEAM SHALL BE 16" DEEP FOR OPENING WIDTH UP TO 8'-0" AND SHALL BEAR 16" ON SOLID MASONRY EACH END WITH REINFORCING TOP AND BOTTOM. PLACE GROUT MONOLITHICALLY IN BOTH COURSES OF 16" DEEP BOND BEAM.

   C. PRECAST CONCRETE LINTELS

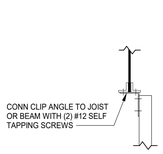
   PRECAST CONCRETE LINTELS SHALL BE 3 5/8" x 7 5/8" FOR EACH NOMINAL 4" THICKNESS OF WALL. REINFORCING SHALL BE (1) #4 TOP AND BOTTOM WITH 1 1/2" COVER. FOR OPENINGS IN 6" CMU, LINTEL SHALL BE 5 5/8" x 7 5/8", REINFORCED WITH (1) #5 TOP AND BOTTOM. MASONRY OPENING WIDTH SHALL BE 6'-0" OR LESS. DO NOT USE PRECAST CONCRETE LINTELS IN EXPOSED LOCATIONS.
3. LINTELS FOR MECHANICAL DUCTWORK PENETRATIONS NOT OTHERWISE DETAILED SHALL BE ONE OF THE ABOVE (NOTE 2A, 2B OR 2C).
4. LINTELS SHALL BEAR 8" ONTO SOLID OR GROUT FILLED MASONRY, UNLESS OTHERWISE INDICATED.
5. LINTELS ARE REQUIRED OVER ALL MASONRY OPENINGS GREATER THAN 8" IN WIDTH.
6. LINTELS ARE NOT REQUIRED ABOVE HOLLOW METAL FRAMES IN OPENINGS 3'-4" OR LESS IN 6" NON-BEARING MASONRY PARTITIONS. GROUT HEAD OF FRAMES SOLID BEFORE PLACING MASONRY.
7. ALL LINTELS IN EXTERIOR WALLS SHALL BE GALVANIZED.



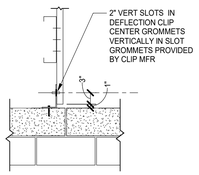
LOW WALL PARALLEL TO JOIST OR BEAM



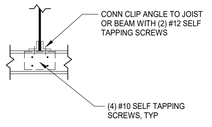
LOW WALL PERPENDICULAR TO JOIST OR BEAM



SECTION A



SECTION B



DETAIL C

NOTES:

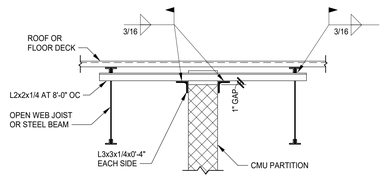
1. BRACE INTERIOR NON-LOAD BEARING MASONRY WALLS IN ACCORDANCE WITH THESE DETAILS UNLESS OTHERWISE INDICATED.
2. IN LIEU OF BRACING AT TOPS OF WALLS, BRACING MAY BE PROVIDED BY INTERSECTING MASONRY WALLS WHEN THE DISTANCE BETWEEN THE INTERSECTING WALLS DOES NOT EXCEED THE FOLLOWING:

NOMINAL THICKNESS OF BRACED WALLS	MAXIMUM SPACING BETWEEN INTERSECTING WALLS
4"	12'-0"
6"	16'-0"
8"	22'-0"
10"	26'-0"
12"	30'-0"

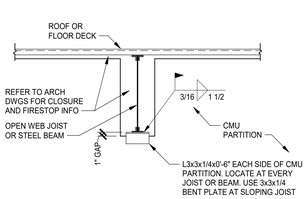
3. BRACING IS REQUIRED IN ACCORDANCE WITH THESE DETAILS IF A VERTICAL CONTROL JOINT OCCURS BETWEEN INTERSECTING WALLS.
4. REFER TO ARCHITECTURAL DRAWINGS FOR INTERIOR PARTITION TYPES AND LOCATIONS.
5. INSTALL BRACING AFTER ALL ROOF DEAD LOAD IS IN PLACE.

BRACING DETAILS FOR NON-LOAD BEARING INTERIOR MASONRY PARTITIONS

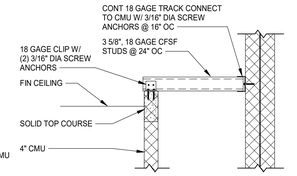
NO SCALE



WALL TO UNDERSIDE OF DECK PARALLEL TO JOISTS



WALL TO UNDERSIDE OF DECK PERPENDICULAR TO JOISTS



4" CMU TOP OF WALL BRACING

MOSELEYARCHITECTS
3200 NORFOLK STREET, RICHMOND, VA 23230
PHONE (804) 794-7555 FAX (804) 355-8690
MOSELEYARCHITECTS.COM

COMMONWEALTH OF VIRGINIA
PAMELA J. BULLIVANT
Lic. No. 0402043907
09/22/2021
PROFESSIONAL ENGINEER

KELLY DAY RENOVATIONS FS 6

563006
6950 Little Falls Rd, Arlington, VA 22213
Owner: Arlington County

PROJECT NO: 563006
DATE: SEPTEMBER 22, 2021

REVISIONS	
DATE	DESCRIPTION

TYPICAL MASONRY WALL AND LINTEL DETAILS

S4.0.1

9/23/2021 10:24:18 AM

ABBREVIATIONS

@	AT	EQUIP	EQUIPMENT	OD	OUTSIDE DIAMETER
AAV	AIR ADMITTANCE VALVE	ETR	EXISTING TO REMAIN	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
ABV	ABOVE	EWC	ELECTRIC WATER COOLER	OFF	OFFICE
ADJ	ADJUSTABLE	EWH	ELECTRIC WATER HEATER	OH	OVERHEAD
ADNL	ADDITIONAL	EX	EXISTING	OPNG	OPENING
AFF	ABOVE FINISHED FLOOR	EXP	EXPANSION	OPP	OPPOSITE
AFG	ABOVE FINISHED GRADE	FD	FLOOR DRAIN	OSD	OPEN SITE DRAIN
AHU	AIR HANDLING UNIT	FDC	FIRE DEPARTMENT CONNECTION	PC	PRECAST
ALT	ALTERNATE	FDN	FOUNDATION DRAIN	PCF	POUNDS PER CUBIT FOOT
ALUM	ALUMINUM	FF	FINISHED FLOOR	PD	PUMP DISCHARGE
AP	ACCESS PANEL	FFE	FINISHED FLOOR ELEVATION	PLUMB	PLUMBING
APPR	APPROXIMATE	FG	FINISHED GRADE	PLYWD	PLYWOOD
ARCH	ARCHITECTURAL	FH	FIRE HYDRANT	POLY	POLYETHYLENE
AUTO	AUTOMATIC	FHC	FIRE HOSE CABINET	PPT	PRESSURE PRESERVATIVE TREATED
AVG	AVERAGE	FHS	FIRE HOSE STATION	PREFAB	PREFABRICATE(D)
BFF	BELOW FINISHED FLOOR	FHVC	FIRE HOSE VALVE CABINET	PROJ	PROJECT
BFG	BELOW FINISHED GRADE	FIX	FIXTURE	PSF	POUNDS PER SQUARE FOOT
BLDG	BUILDING	FLR	FLOOR	PSI	POUNDS PER SQUARE INCH
BO	BOTTOM OF	FLSHG	FLASHING	PV	PROPANE VENT
BOT	BOTTOM	FOR	FUEL OIL RETURN	PVC	POLYVINYL CHLORIDE
BSMT	BASEMENT	FOS	FUEL OIL SUPPLY	PVMT	PAVEMENT
BTWN	BETWEEN	FOV	FUEL OIL VENT	R	RISER
CA	COMPRESSED AIR	FS	FLOOR SINK	RAD	RADIUS
CI	CAST IRON	FT	FOOT OR FEET	RD	ROOF DRAIN (BOTTOM OUTLET)
CIP	CAST-IN-PLACE CONCRETE	FVC	FIRE VALVE CABINET	RDS	ROOF DRAIN (SIDE OUTLET)
CL	CENTERLINE	G	NATURAL GAS	REF	REFERENCE
CLG	CEILING	GWH	GAS WATER HEATER	REQD	REQUIRED
CLR	CLEAR	HB	HOSE BIBB	REQMT	REQUIREMENTS
CMP	CORRUGATED METAL PIPE	HORIZ	HORIZONTAL	RL	RAIN LEADER
CNTR	COUNTER	HP	HORSEPOWER	RM	ROOM
CO	CLEANOUT	HTG	HEATING	RO	ROUGH OPENING
COL	COLUMN	HW	HOT WATER	S	SOUTH
CONC	CONCRETE	HWR	HOT WATER RETURN	SAN	SANITARY
CONDS	CONDENSATE	HWS	HOT WATER SUPPLY	SCH	SCHEDULE
CONSTR	CONSTRUCT(ION)	ID	INSIDE DIAMETER	SD	STORM DRAIN
CONT	CONTINUATION	IN	INCH	SDN	STORM DRAIN NOZZLE
CONTR	CONTRACT(-OR)	INSUL	INSULATE OR INSULATION	SHT	SHEET
CORR	CORRIDOR	INV	INVERT	SIM	SIMILAR
CP	CIRCULATING PUMP	JAN	JANITOR	SLT	SEALANT
CR	CLASSROOM	KIT	KITCHEN	SOG	SLAB ON GRADE
CT	COOLING TOWER	KW	KITCHEN WASTE	SP	SUMP PUMP
CU	COPPER	LAB	LABORATORY	SPEC	SPECIFICATION
CU FT	CUBIC FEET	LAV	LAVATORY	SPR	SPRINKLER
CU YD	CUBIC YARD	LBS	POUNDS	SQ	SQUARE
CW	COLD WATER	LF	LINEAR FOOT (FEET)	SRD	SECONDARY ROOF DRAIN
DB	DRY BULB	LP	PROPANE	SS	STAINLESS STEEL
DCW	DOMESTIC COLD WATER	LPV	PROPANE VENT	SSD	SECONDARY STORM DRAIN
DEMO	DEMOLISH OR DEMOLITION	MATL	MATERIAL	STD	STANDARD
DF	DRINKING FOUNTAIN	MAX	MAXIMUM	STL	STEEL
DHR	DOMESTIC HOT WATER RETURN	MECH	MECHANICAL	STOR	STORAGE
DHR(140)	DOMESTIC HOT WATER RETURN (140°)	MED	MEDIUM	STRUCT	STRUCTURAL
DHW	DOMESTIC HOT WATER	MFR	MANUFACTURER	SUSP	SUSPENDED
DHW(140)	DOMESTIC HOT WATER (140°)	MH	MANHOLE	THK	THICK(-NESS)
DI	DROP INLET	MIN	MINIMUM	TLT	TOILET
DIA	DIAMETER	MISC	MISCELLANEOUS	TOSL	TOP OF SLAB
DIP	DUCTILE IRON PIPE	MTD	MOUNTED	TW	DOMESTIC TEMPERED WATER (90° F)
DN	DOWN	N	NORTH	TYP	TYPICAL
DS	DOWNSPOUT	N/A	NOT APPLICABLE/AVAILABLE	UG	UNDERGROUND
DT	DRAIN TILE	NC	NORMALLY CLOSED	UNO	UNLESS NOTED (INDICATED) OTHERWISE
DTL	DETAIL	NG	NATURAL GAS	V	VENT
DTW	DOMESTIC TEMPERED WATER	NGV	NATURAL GAS VENT	VAC	VACUUM
DWG	DRAWING	NIC	NOT IN CONTRACT	VB	VACUUM BREAKER
E	EAST	NO	NORMALLY OPEN	VERT	VERTICAL
ELEC	ELECTRICAL	NO. (#)	NUMBER	VTR	VENT THROUGH ROOF
EPBD	ELECTRICAL PANELBOARD	NOM	NOMINAL	W	WEST
EQ	EQUAL	OC	ON CENTER	W/	WITH
				W/O	WITHOUT
				WB	WATER HAMMER ARRESTER
				WC	WATER CLOSET
				WSHP	WATER SOURCE HEAT PUMP
				WWF	WELDED WIRE FABRIC
				WWM	WELDED WIRE MESH
				XFMR	TRANSFORMER

GRAPHICS SYMBOLS LEGEND

- X" XXX — PIPE WITH SIZE AND SERVICE
- FLOW IN DIRECTION OF ARROW
- 1/8" FT — PITCH DOWN IN DIRECTION OF ARROW AT INDICATED SLOPE
- PIPE CAP
- PIPE TURNED DOWN
- PIPE TURNED UP
- PIPE TEE UP
- PIPE TEE DOWN
- UNION
- CONCENTRIC PIPE REDUCTION
- CO — END OF LINE CLEANOUT PLUG
- CO — FLOOR CLEANOUT
- WCO — WALL CLEANOUT
- CO (GCO) — YARD CLEANOUT (CLEANOUT TO GRADE)
- FD-1 — FLOOR DRAIN WITH TAG
- FS-1 — FLOOR SINK WITH TAG
- PRESSURE GAUGE WITH GAUGE COCK
- LIQUID FILLED THERMOMETER
- A — WATER HAMMER ARRESTOR (PLUMBING & DRAINAGE INSTITUTE SIZE INDICATED)
- FS — FLOW SWITCH
- TEMPERATURE/PRESSURE PLUG
- VALVE
- VALVE IN RISER
- F — GAS COCK
- VENTURI FLOW METER
- MANUAL BALANCING VALVE
- AUTOMATIC BALANCING VALVE WITH FLOW TAPS
- SWING CHECK VALVE
- PRESSURE REDUCING VALVE
- S — SOLENOID OPERATED VALVE
- T&P — TEMPERATURE AND PRESSURE RELIEF VALVE
- BACKWATER VALVE
- HOSE BIBB OR WALL HYDRANT
- REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER
- DOUBLE CHECK BACKFLOW PREVENTER
- PUMP

- POINT OF CONNECTION TO EXISTING
- LIMIT OF DEMOLITION
- 30 — KEYNOTE
- 8 — STRUCTURAL GRID LINE WITH DESIGNATION
- A123 — **SPACE IDENTIFICATION TAG**: SPACE NUMBER; BUILDING AREA (WHEN USED)
- AHU-02 — **EQUIPMENT IDENTIFICATION TAG**: EQUIPMENT NUMBER; UNIT DESIGNATION
- **SECTION WHERE CUT**: A / P6.1 — SECTION LETTER; DRAWING WHERE SECTION IS INDICATED
- **ENLARGED PLAN WHERE CUT**: 1 / P6.1 — ENLARGED PLAN NUMBER; DRAWING WHERE ENALRGED PLAN IS INDICATED
- **DETAIL TAG**: 1 / P6.1 — DETAIL NUMBER; DRAWING WHERE DETAIL IS INDICATED
- **SANITARY RISER TAG**: S1 / P6.1 — SANITARY RISER IDENTIFIER; DRAWING WHERE SANITARY RISER IS TAGGED
- **DOMESTIC RISER TAG**: D1 / P6.1 — DOMESTIC RISER IDENTIFIER; DRAWING WHERE SANITARY RISER IS TAGGED

1 DETAIL TITLE
1/4"=1'-0" — P2.2 / P6.2 / P2.3 / P2.4
- DETAIL NUMBER
- DRAWING WHERE DETAIL IS INDICATED
- DRAWING WHERE DETAIL IS CUT
- ADDITIONAL DRAWING REFERENCES

S1 SANITARY RISER DIAGRAM
1/4"=1'-0" — P2.2 / P4.2 / P2.3 / P2.4
- SANITARY RISER DIAGRAM IDENTIFIER
- DRAWING WHERE SANITARY RISER IS INDICATED
- DRAWING WHERE SANITARY RISER IS TAGGED
- ADDITIONAL DRAWING REFERENCES

D1 DOMESTIC RISER DIAGRAM
1/4"=1'-0" — P2.2 / P5.2 / P2.3 / P2.4
- DOMESTIC RISER DIAGRAM IDENTIFIER
- DRAWING WHERE DOMESTIC RISER IS INDICATED
- DRAWING WHERE DOMESTIC RISER IS TAGGED
- ADDITIONAL DRAWING REFERENCES

G1 FUEL GAS RISER DIAGRAM
1/4"=1'-0" — P2.2 / P5.2 / P2.3 / P2.4
- FUEL GAS RISER DIAGRAM IDENTIFIER
- DRAWING WHERE FUEL GAS RISER IS INDICATED
- DRAWING WHERE FUEL GAS RISER IS TAGGED
- ADDITIONAL DRAWING REFERENCES

DRAIN AND CLEANOUT SCHEDULE

TAG	BASIS OF DESIGN		STRAINER/GRATE	NOTES
	MANUFACTURER	MODEL		
FD-1	JOSAM	30003-A	6" DIA	1
FD-2	JOSAM	30002-A	6" DIA	1
SD-1	JOSAM	30002-A	4" DIA	

1. PROVIDE TRAP GUARD INSERT, SEE DETAIL.

DRAIN AND CLEANOUT SCHEDULE
1. PROVIDE TRAP SEAL PROTECTON DEVICE, REFER TO DETAIL.

PLUMBING FIXTURE SCHEDULE

TAG	FIXTURE	HEIGHT A.F.F.	PIPE SIZE					NOTES
			COLD WATER	TEPID WATER	HOT WATER	VENT	SOIL WASTE	
LA-1	WALL-HUNG LAVATORY (ACCESSIBLE)	RIM AT 33"	1/2"		1/2"	1-1/2"	1-1/2"	1, 3
SH-1	SHOWER (ACCESSIBLE)	COUNTERTOP - REFER TO ARCH	1/2"		1/2"	1-1/2"	1-1/2"	1
WC-1	FLOOR-MOUNTED WATER CLOSET (ACCESSIBLE)	TOP OF SEAT 18"	1"			2"	4"	1,2

NOTES:
1. THIS ACCESSIBLE FIXTURE, ACCESSORIES, AND INSTALLATION SHALL CONFORM TO THE CURRENT ADA STANDARDS FOR ACCESSIBLE DESIGN.
2. LOCATE FLUSH ACTUATORS ON WIDE SIDE OF STALLS OR APPROACH AREAS.
3. PROVIDE ASSE 1070 CERTIFIED MIXING VALVE IN STAINLESS STEEL WALL CABINET, ABOVE CEILING, OR BELOW FIXTURE.

PLUMBING FIXTURE SCHEDULE
1. THIS ACCESSIBLE FIXTURE, ACCESSORIES, AND INSTALLATION SHALL CONFORM TO THE USBC AND ASAD ADA STANDARDS FOR ACCESSIBLE DESIGN.
2. LOCATE FLUSH ACTUATORS ON WIDE SIDE OF STALLS OR APPROACH AREAS.
3. PROVIDE ASSE-1070 CERTIFIED MIXING VALVE, ABOVE CEILING, OR BELOW FIXTURE ACCESSIBLE BUT CONCEALED FROM VIEW.

GENERAL NOTES

A. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE BETTER QUALITY. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE GREATER QUANTITY OF WORK.

B. COORDINATE PIPING LOCATIONS AND INSTALLATION WITH EACH TRADE TO AVOID CONFLICTS WITH OTHER TRADES.

C. PROVIDE FLOOR CLEANOUTS INDICATED FLUSH WITH FLOOR FINISHES.

D. PROVIDE CLEANOUTS WHERE INDICATED AND ADDITIONAL CLEANOUTS AS REQUIRED BY LOCAL CODE.

E. REFER TO DRAWINGS FROM EACH DISCIPLINE BEFORE ROUGHING-IN PLUMBING FIXTURES.

F. OBTAIN DIMENSIONS AND ROUTING IN FIELD BEFORE INSTALLATION OF PLUMBING AND FIXTURES.

G. PROVIDE ISOLATION VALVES IN ACCORDANCE WITH DIAGRAMS, DETAILS, AND DIVISION 22 SPECIFICATIONS

MOSELEYARCHITECTS
3200 NORFOLK STREET, RICHMOND, VA 23230
PHONE (804) 794-7555 FAX (804) 355-8690
MOSELEYARCHITECTS.COM

COMMONWEALTH OF VIRGINIA
JASON P. FORSYTH
Lic. No. 038767
09/22/21
PROFESSIONAL ENGINEER

FS 6

KELLY DAY RENOVATIONS FS

563006
6950 Little Falls Rd, Arlington, VA 22213
Owner: Arlington County

PROJECT NO: 563006
DATE: SEPTEMBER 22, 2021

REVISIONS	
DATE	DESCRIPTION

LEGENDS, ABBREVIATIONS AND GENERAL NOTES - FS6

P0.6

9/23/2021 10:09:55 AM

PLUMBING DEMOLITION KEYNOTES

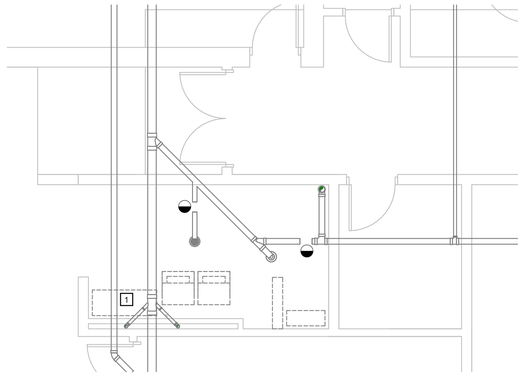
APPLIES TO THIS DRAWING
REPRESENTED BY [n]

1. REMOVE EXISTING PLUMBING FIXTURE, VALVES, AND ALL ASSOCIATED TRIM MATERIALS. REMOVE WASTE PIPING, VENT AND DOMESTIC WATER PIPING BACK TO SYSTEM BRANCH MAINS IN THE WALL, CEILING AND FLOOR AND CAP PIPING.
2. REMOVE AND PREPARE TO RELOCATE EXISTING COMPRESSOR AND ALL ASSOCIATED TRIM MATERIALS. REMOVE PIPING BACK TO CEILING SPACE AND PREPARE FOR CONNECTION OF RELOCATED COMPRESSOR.

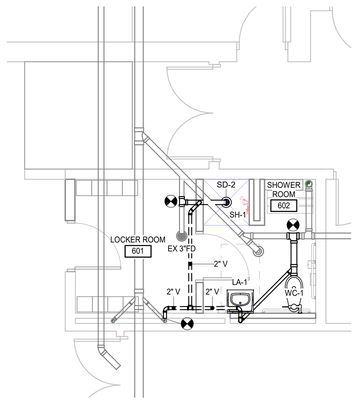
PLUMBING KEYNOTES

APPLIES TO THIS DRAWING
REPRESENTED BY [n]

1. CONNECT PIPING AND ALL ASSOCIATED TRIM MATERIALS FROM RELOCATED COMPRESSOR. CONNECT COMPRESSOR SUPPLY AIR PIPING TO EXISTING PIPING LOCATION.



FIRST FLOOR PLAN - DEMOLITION - FS#6
1/4" = 1'-0"



FIRST FLOOR PLAN - PLUMBING - FS#6
1/4" = 1'-0"

MOSELEY ARCHITECTS
3200 NORFOLK STREET, RICHMOND, VA 23230
PHONE (804) 794-7555 FAX (804) 355-3690
MOSELEYARCHITECTS.COM

COMMONWEALTH OF VIRGINIA
JASON P. FORSYTH
Lic. No. 038767
09/22/21
PROFESSIONAL ENGINEER

KELLY DAY RENOVATIONS FS 6

563006
6950 Little Falls Rd, Arlington, VA 22213
Owner: Arlington County

PROJECT NO: 563006
DATE: SEPTEMBER 22, 2021

REVISIONS	
DATE	DESCRIPTION

FLOOR PLAN - FS6

P2.6

9/23/2021 10:09:56 AM

GRILLE, REGISTER, & DIFFUSER SCHEDULE

TAG	MANUFACTURER	MODEL NUMBER	MOUNTING STYLE	NECK SIZE	FACE SIZE	MAX NC LEVEL	NOTES
S1	PRICE	ASCDA	SURFACE	6ø	24x24	30	
S2	PRICE	ASCDA	LAY-IN	8ø	24x24	30	-
S3	PRICE	SDGE	DUCT-MOUNTED		12x6	30	-
E1	PRICE	630-F-L	SURFACE	6x6	12x12	30	-
T1	PRICE	630-F-L	SURFACE	10x10	12x12	30	-

EQUIPMENT IDENTIFICATION

AHU	AIR-HANDLING UNIT
AS	AIR SEPARATOR
B	BOILER
BCU	BLOWER COIL UNIT
CCC	CLOSED-CIRCUIT COOLING TOWER
CH	CHILLER
CHWP	CHILLED WATER PUMP
CRAC	COMPUTER ROOM AIR CONDTIONER
CT	COOLING TOWER
CUH	CABINET UNIT HEATER
CWP	CONDENSER WATER PUMP
ECH	ELECTRIC CEILING HEATER
ERU	ENERGY RECOVERY UNIT
ERV	ENERGY RECOVERY VENTILATOR
ET	EXPANSION TANK
EUH	ELECTRIC UNIT HEATER
EWH	ELECTRIC WALL HEATER
FCU	FAN COIL UNIT
HP	HEAT PUMP
HWP	HOT WATER PUMP
HX	HEAT EXCHANGER
MAU	MAKEUP AIR UNIT
OAU	OUTDOOR AIR UNIT
P	PUMP
PTAC	PACKAGED TERMINAL AIR CONDITIONER
PTHP	PACKAGED TERMINAL HEAT PUMP
RTU	ROOFTOP UNIT
SSI	SPLIT-SYSTEM INDOOR UNIT
SSO	SPLIT-SYSTEM OUTDOOR UNIT
TU	TERMINAL UNIT
UH	UNIT HEATER
WSHP	WATER-SOURCE HEAT PUMP

CONTROLS ABBREVIATIONS

AF	AIRFLOW
AI	ANALOG INPUT TO CONTROLLER
ALM	ALARM
AMS	AIRFLOW MEASURING STATION
AO	ANALOG OUTPUT FROM CONTROLLER
ATS	AVERAGING TEMPERATURE SENSOR
BAS	BUILDING AUTOMATION SYSTEM
BI	BINARY INPUT TO CONTROLLER
BO	BINARY OUTPUT FROM CONTROLLER
CO2	CARBON DIOXIDE SENSOR
CSR	CURRENT-SENSING RELAY
DM	DAMPER MOTOR
DP	DIFFERENTIAL PRESSURE
DPT	DIFFERENTIAL PRESSURE TRANSMITTER
FM	FLOW METER
FZ	FREEZESTAT
HS	HUMIDITY SENSOR
POS	POSITION
R	RELAY
SD	SMOKE DETECTOR
SPD	SPEED
SS	START/STOP
STS	STATUS
TS	TEMPERATURE SENSOR
VFD	VARIABLE-FREQUENCY DRIVE

ABBREVIATIONS

A	AMPERE(S)
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
APD	AIR PRESSURE DROP
BHP	BRAKE HORSEPOWER
BTUH	BRITISH THERMAL UNITS PER HOUR
CFM	CUBIC FEET PER MINUTE
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CLG	COOLING
COM	COMMON
CWR	CONDENSER WATER RETURN
CWS	CONDENSER WATER SUPPLY
D	DRAIN
DB	DRY BULB TEMPERATURE
dBA	A-WEIGHTED DECIBELS
DCW	DOMESTIC COLD WATER
DIA	DIAMETER
DN	DOWN
DWG	DRAWING
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EER	ENERGY EFFICIENCY RATIO
EQ	EQUAL
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
EX	EXISTING
F	DEGREES FAHRENHEIT
FC	FAIL CLOSED
FD	FIRE DAMPER
FLA	FULL LOAD AMPS
FO	FAIL OPEN
FPM	FEET PER MINUTE
FT	FOOT, FEET
GA	GAUGE
GAL	GALLON(S)
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HP	HORSEPOWER
HPWR	HEAT PUMP WATER RETURN
HPWS	HEAT PUMP WATER SUPPLY
HTG	HEATING
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
HX	HEAT EXCHANGER
HZ	HERTZ
IN	INCH
IPLV	INTEGRATED PART-LOAD VALUE
KW	KILOWATT(S)
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LWT	LEAVING WATER TEMPERATURE
MAX	MAXIMUM
MBH	ONE THOUSAND BTUH
MCA	MINIMUM CIRCUIT AMPACITY
MFR	MANUFACTURER
MIN	MINIMUM
MOCP	MAXIMUM OVERCURRENT PROTECTION
MOD	MOTOR-OPERATED DAMPER
NC	NORMALLY CLOSED (FOR PLANS, DETAILS)
NC	NOISE CRITERIA (FOR SCHEDULES)
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
OA	OUTSIDE AIR
OC	ON CENTER
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
PH	PHASE
PSIG	POUNDS PER SQUARE INCH GAUGE
RA	RETURN AIR
RD	REFRIGERANT DISCHARGE
RH	RELATIVE HUMIDITY
RL	REFRIGERANT LIQUID
RPM	REVOLUTIONS PER MINUTE
RS	REFRIGERANT SUCTION
SA	SUPPLY AIR
SEER	SEASONAL ENERGY EFFICIENCY RATIO
TD	TRANSFER DUCT
TYP	TYPICAL
UNO	UNLESS NOTED (INDICATED) OTHERWISE
V	VOLTAGE, VOLTS
VD	VOLUME DAMPER
VFD	VARIABLE FREQUENCY DRIVE
W	WATT(S)
W/	WITH
W/O	WITHOUT
WB	WET BULB TEMPERATURE
WC	WATER COLUMN
WPD	WATER PRESSURE DROP
WWM	WELDED WIRE MESH

CONTROL SYSTEM SYMBOLS

- CIRCULATOR OR PUMP
- MOTORIZED 2-WAY VALVE
- MOTORIZED 3-WAY VALVE
- VFD — VARIABLE FREQUENCY DRIVE
- DDC — DIRECT DIGITAL CONTROLLER
- T — THERMOSTAT
- FZ — FREEZESTAT
- C — CONTACTOR
- R — RELAY
- S — SPACE TEMPERATURE SENSOR
- T — LINE VOLTAGE THERMOSTAT
- H / O / A — HAND-OFF-AUTOMATIC SWITCH
- SD — DUCT-MOUNTED SMOKE DETECTOR
- TRANSFORMER
- FUSE
- NORMALLY OPEN CONTACT
- NORMALLY CLOSED CONTACT
- WIRING OR DEVICE PROVIDED UNDER DIVISION 23
- WIRING OR DEVICE NOT PROVIDED UNDER DIVISION 23
- WIRING CONNECTION BY DIVISION 23
- WIRING CONNECTION BY OTHERS
- NUMBER OF CONDUCTORS INDICATED BY SLASH MARKS
- MOTORIZED PARALLEL BLADE DAMPER
- MOTORIZED OPPOSED BLADE DAMPER
- MOTORIZED BUTTERFLY BLADE DAMPER
- SUPPLY, RETURN, OR EXHAUST FAN
- AIRFLOW DIRECTION
- CONTROL POINT INDICATOR — AI / TS — INPUT OR OUTPUT (ANALOG INPUT) — DEVICE TYPE (AIR TEMPERATURE SENSOR)
- CONTROL POINT INDICATOR — AI / TS — INPUT OR OUTPUT (ANALOG INPUT) — DEVICE TYPE (AIR TEMPERATURE SENSOR WITH AVERAGING ELEMENT)
- CONTROL POINT INDICATOR — AI / TS — INPUT OR OUTPUT (ANALOG INPUT) — DEVICE TYPE (WATER TEMPERATURE SENSOR WITH BULB TYPE ELEMENT IN PIPING WELL)
- CONTROL POINT INDICATOR — AI / CSR — INPUT OR OUTPUT (ANALOG INPUT) — DEVICE TYPE (CURRENT SENSING RELAY)

GRAPHICS SYMBOLS LEGEND

- A123 — **SPACE IDENTIFICATION TAG** — SPACE NUMBER — BUILDING AREA (WHEN USED)
- AHU-12 — **EQUIPMENT IDENTIFICATION TAG** — EQUIPMENT NUMBER — UNIT DESIGNATION
- S1 / 325 — **DIFFUSER, GRILLE OR REGISTER TAG** — TAG, REFER TO DIFFUSER, GRILLE AND REGISTER SCHEDULE — AIRFLOW (CFM)
- 1 / M5.1 — **DETAIL TAG** — DETAIL NUMBER — DRAWING WHERE DETAIL IS INDICATED
- 15 — KEYNOTE
- C — STRUCTURAL GRID LINE WITH DESIGNATION
- EXISTING TO BE REMOVED
- 1 / M2.2 / M2.3 / M2.4 / M5.1 — **DETAIL TITLE** 1/4"=1'-0" — DETAIL NUMBER — DRAWING WHERE DETAIL IS INDICATED — DRAWING WHERE DETAIL IS REFERENCED — ADDITIONAL DRAWING REFERENCES
- 1 / M2.2 / M2.3 / M2.4 / M4.1 — **SECTION TITLE** 1/4"=1'-0" — SECTION NUMBER — DRAWING WHERE SECTION IS INDICATED — DRAWING WHERE SECTION IS REFERENCED — ADDITIONAL DRAWING REFERENCES
- 1 / M4.1 — **SECTION CALLOUT** — SECTION NUMBER — DRAWING WHERE SECTION IS INDICATED
- 1 / M3.1 — **ENLARGED PLAN CALLOUT** — ENLARGED PLAN NUMBER — DRAWING WHERE ENLARGED PLAN IS INDICATED
- MECHANICAL EQUIPMENT WITH REQUIRED SERVICE CLEARANCE INDICATED

DUCTWORK LEGEND

- 18x8 — RECTANGULAR DUCT (FIRST DIMENSION REFERS TO SIDE VIEWED)
- 18ø — ROUND DUCT SIZE
- 18/12 — FLAT OVAL DUCT SIZE
- 18ø — DOUBLE WALL, EXPOSED DUCT
- 18ø — FABRIC DUCT
- FLEXIBLE DUCTWORK
- FLEXIBLE CONNECTOR
- SD — DUCT-MOUNTED SMOKE DETECTOR
- DUCT WITH DUCT LINER
- DUCT ACCESS DOOR
- DUCT WITH END CAP
- LINEAR SLOT DIFFUSER, LENGTH AS INDICATED
- LINEAR BAR GRILLE, LENGTH AS INDICATED
- SUPPLY DIFFUSER
- RETURN OR EXHAUST GRILLE
- SUPPLY DIFFUSER WITH DIRECTIONAL BLOW, SOLID HATCH INDICATES BLANK OFF PANEL
- POINT OF CONNECTION TO EXISTING
- LIMIT OF DEMOLITION
- SUPPLY AIRFLOW ARROW
- RETURN OR EXHAUST AIRFLOW ARROW
- MANUAL BALANCING DAMPER IN DUCT
- FIRE DAMPER IN DUCT
- SMOKE DAMPER IN DUCT
- COMBINATION FIRE/SMOKE DAMPER IN DUCT
- M — MOTORIZED DAMPER IN DUCT
- M — SMOKE CONTROL MANUAL BALANCING DAMPER IN DUCT
- M — SMOKE CONTROL MOTORIZED DAMPER IN DUCT
- SB — SECURITY BARS IN DUCT
- AP — DUCT WITH ACCESS PANEL
- TO / AWAY — SUPPLY/MAKEUP AIR DUCT SECTIONS
- TO / AWAY — RETURN AIR DUCT SECTIONS
- TO / AWAY — EXHAUST AIR DUCT SECTIONS
- SD — SMOKE DETECTOR
- H — HUMIDITY SENSOR
- T — THERMOSTAT, LINE VOLTAGE
- T — THERMOSTAT, LOW VOLTAGE
- S — TEMPERATURE SENSOR
- C — CARBON DIOXIDE SENSOR
- CM — CARBON MONOXIDE SENSOR
- SENSOR WELL
- UC — DOOR UNDERCUT
- DL — DOOR LOUVER

PIPING LEGEND

- PIPE CAP
- PIPE TURNED DOWN
- PIPE TURNED UP
- PIPE TEE UP
- PIPE TEE DOWN
- CO — END OF LINE CLEANOUT PLUG
- CO — CLEANOUT PLUG
- PRESSURE GAUGE WITH GAUGE COCK
- T — LIQUID FILLED THERMOMETER
- UNION
- STRAINER WITH BLOWDOWN VALVE AND 3/4" HOSE END CONNECTION
- FLEXIBLE PIPE CONNECTOR
- MA — MANUAL AIR VENT
- VALVE
- VALVE IN RISER
- MANUAL BALANCING VALVE WITH FLOW TAPS
- AUTOMATIC BALANCING VALVE WITH FLOW TAPS
- SWING CHECK VALVE
- PRESSURE REDUCING VALVE
- TRIPLE DUTY VALVE
- GAS COCK
- P — PRESSURE-RELIEF VALVE
- M — TWO-WAY CONTROL VALVE
- M — THREE-WAY CONTROL VALVE
- DIRECTION OF FLOW
- CONCENTRIC REDUCER
- ECCENTRIC REDUCER

GENERAL NOTES

A. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE BETTER QUALITY. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE GREATER QUANTITY OF WORK.

B. DRAWINGS ARE DIAGRAMMATIC AND INTENDED TO CONVEY SCOPE AND GENERAL ARRANGEMENT ONLY. DO NOT SCALE DRAWINGS. LOCATIONS OF ALL ITEMS INDICATED ON THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS THAT ARE NOT DEFINITIVELY FIXED BY DIMENSIONS ARE APPROXIMATE. COORDINATE CONTRACT DOCUMENTS PROJECT REQUIREMENTS, WORK OF OTHERS, AND EQUIPMENT AND MATERIALS PURCHASED WITH FIELD DIMENSIONS, MANUFACTURER'S REQUIREMENTS FOR INSTALLATION, OPERATION, AND MAINTENANCE, CONTRACTOR'S INTENDED MEANS AND METHODS OF INSTALLATION, AND CONTRACTOR'S FABRICATED ITEMS TO ENSURE A PROPER FIT AND INSTALLATION.

C. MAINTAIN MAXIMUM HEADROOM AND SPACE CONDITIONS AT ALL POINTS. WHERE HEADROOM AND SPACE CONDITIONS APPEAR INADEQUATE, NOTIFY THE ARCHITECTS PRIOR TO PROCEEDING WITH INSTALLATION. MAINTAIN A MINIMUM OF 7'-0" CLEARANCE ABOVE FINISHED FLOOR TO UNDERSIDE OF PIPES, DUCTS, CONDUITS, SUSPENDED EQUIPMENT, ETC., THROUGHOUT ACCESS ROUTES IN MECHANICAL ROOMS.

D. FIELD VERIFY AND COORDINATE ALL DUCT AND PIPING DIMENSIONS BEFORE FABRICATION. MAKE MODIFICATIONS IN THE LAYOUT AS NEEDED TO PREVENT CONFLICT WITH WORK OF OTHER TRADES OR FOR PROPER EXECUTION OF THE WORK.

E. INSTALL ALL EQUIPMENT AND APPURTENANCES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, CONTRACT DOCUMENTS, AND APPLICABLE CODES AND REGULATIONS.

F. COORDINATE LOCATIONS AND SIZES OF ALL FLOOR, WALL, AND ROOF OPENINGS WITH ALL OTHER TRADES. COORDINATE ALL PIPING AND EQUIPMENT SUPPORTED FROM STRUCTURE WITH GENERAL CONSTRUCTION WORK.

G. PROVIDE TRAPPED DRAIN PIPING FROM DRAIN PANS OF ALL COOLING COILS, FANS AND OTHER ACTIVE DRAINS EXPOSED TO SYSTEM AIRSTREAM. PROVIDE TRAP AT CONNECTION WITH WATER SEAL DEPTH ONE INCH GREATER THAN UNIT OPERATING PRESSURE. DIRECT DRAINS TO NEAREST FLOOR DRAIN, MOP SINK, OR OTHER LOCATION APPROVED BY THE ARCHITECT.

H. INSTALL PIPING, DUCTWORK, AND CONDUIT CONCEALED IN AREAS HAVING CEILINGS AND/OR FURRED SPACES UNLESS OTHERWISE INDICATED.

I. ALL EQUIPMENT, VALVES, DAMPERS, DAMPER AND VALVE OPERATORS SHALL BE PROVIDED WITH ADEQUATE ACCESS FOR SERVICING, MAINTENANCE, AND REPLACEMENT.

J. SIZE ALL SPLIT-SYSTEM REFRIGERANT PIPING IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

K. DUCT DIMENSIONS MAY BE MODIFIED ONLY WITH PRIOR APPROVAL FROM ARCHITECT. DUCT DIMENSIONS ARE IN INCHES AND INSIDE CLEAR.

L. FOR LOCATION OF REGISTERS, GRILLES, AND DIFFUSERS WITHIN CEILING GRID, REFER TO ARCHITECTURAL REFLECTED CEILING PLANS.

M. ELEVATION INDICATED FOR RECTANGULAR DUCT, GRILLE AND LOUVER OPENINGS IS TO THE TOP OF ROUGH OPENING UNLESS OTHERWISE INDICATED. ELEVATION INDICATED FOR ROUND DUCTWORK AND PIPING IS TO CENTERLINE.

N. BRANCH PIPING RUNOUTS TO TERMINAL UNITS SHALL BE 3/4" DIAMETER UNLESS INDICATED OTHERWISE.

O. REFER TO STRUCTURAL DRAWINGS FOR DETAILS AND MAXIMUM SPACING REQUIREMENTS REGARDING HANGER ATTACHMENTS TO STEEL BAR JOISTS.

MOSELEYARCHITECTS
3200 NORFOLK STREET, RICHMOND, VA 23230
PHONE (804) 794-7555 FAX (804) 355-9690
MOSELEYARCHITECTS.COM

COMMONWEALTH OF VIRGINIA — JASON P. FORSYTH — Lic. No. 038767 — 9/9/2021 — PROFESSIONAL ENGINEER

KELLY DAY RENOVATIONS FS 6

563006
6950 Little Falls Rd, Arlington, VA 22213
Owner: Arlington County

PROJECT NO: 563006
DATE: SEPTEMBER 22, 2021

REVISIONS	
DATE	DESCRIPTION

LEGENDS, ABBREVIATIONS, SCHEDULES, AND GENERAL NOTES

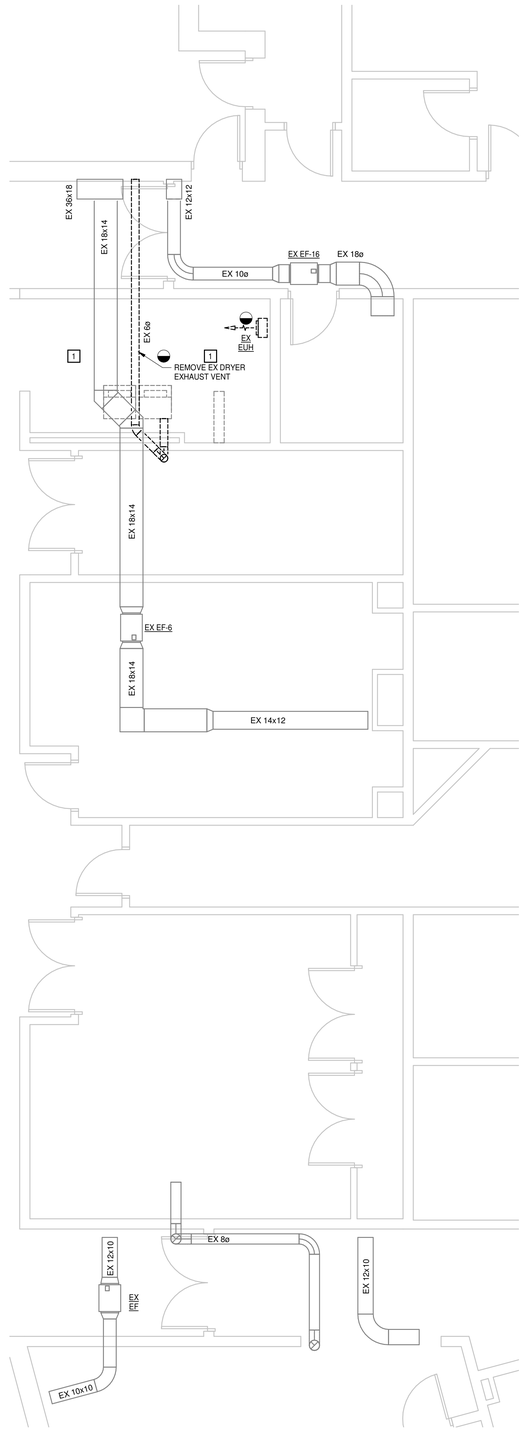
M0.1.

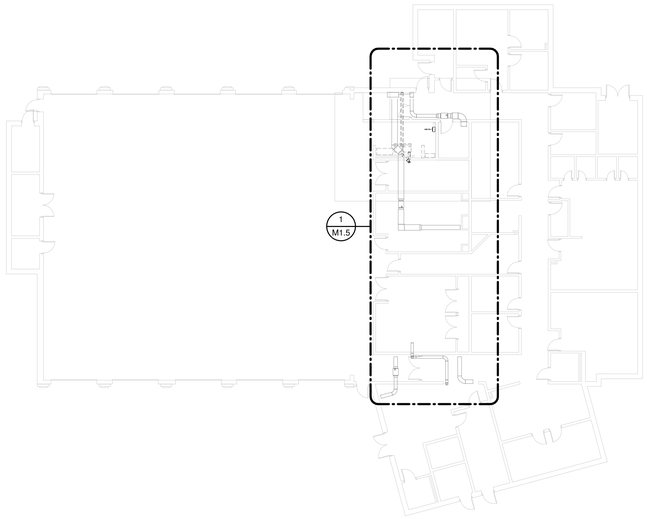
9/20/2021 1:29:17 PM

KEYNOTES

APPLIES TO THIS DRAWING
REPRESENTED BY [X]

1. REMOVE EXISTING UPRIGHT FIRE SPRINKLERS IN THIS SPACE AND PREPARE FOR INSTALLATION OF PENDENT FIRE SPRINKLERS.





N

FIRE STATION 6 - OVERALL DEMOLITION PLAN
1/16" = 1'-0"

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

1 / M1.5 ENLARGED DEMOLITION PLAN - STATION 6, AREA 1
1/4" = 1'-0"

0' 1' 2' 4' 8'
1/4" = 1'-0"

MOSELEYARCHITECTS
3200 NORFOLK STREET, RICHMOND, VA 23230
PHONE (804) 794-7555 FAX (804) 355-9690
MOSELEYARCHITECTS.COM

COMMONWEALTH OF VIRGINIA
JASON P. FORSYTH
Lic. No. 038767
9/21/2021
PROFESSIONAL ENGINEER

KELLY DAY RENOVATIONS FS 6

563006
6950 Little Falls Rd, Arlington, VA 22213
Owner: Arlington County

PROJECT NO: 563006
DATE: SEPTEMBER 22, 2021

REVISIONS	
DATE	DESCRIPTION

FIRST FLOOR DEMOLITION PLAN - FIRE STATION 6

M1.5

9/20/2021 1:29:18 PM

KEYNOTES

APPLIES TO THIS DRAWING
REPRESENTED BY X

1. REFRIGERANT PIPING ROUTED FROM INDOOR UNIT TO OUTDOOR UNIT, SIZE AND ROUTE PER MANUFACTURERS RECOMMENDATIONS
2. INSTALL NEW PENDENT TYPE FIRE SPRINKLERS TO ACCOMMODATE NEW CEILING AND WALL CONFIGURATIONS WITHIN THIS SPACE PER NFPA 13 REQUIREMENTS.

FAN SCHEDULE - FIRE STATION #6

TAG	MANUFACTURER	MODEL NUMBER	SERVING	TYPE	AIRFLOW (CFM)	ESP (IN WC)	FAN WHEEL (RPM)	DRIVE TYPE	SONES	CONTROL METHOD	ELECTRICAL DATA					WEIGHT (LBS)
											MOTOR (HP)	SERVICE (V)	(PH)	(HZ)		
F-1	GREENHECK	SQ-70-VG	601 & 602	INLINE CENTRIFUGAL	150	0.30	1536	DIRECT	4.4	BAS	1/15	120	1	60		44

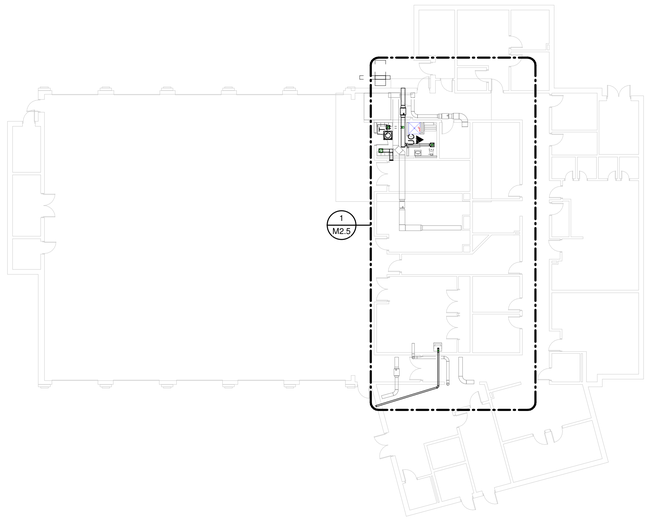
SPLIT SYSTEM INDOOR UNIT SCHEDULE

TAG	MANUFACTURER	MODEL NUMBER	SUPPLY AIR (CFM)	TOTAL CAPACITY (BTUH)	INDOOR EAT (°F)		HEATING CAPACITY (BTUH)	WEIGHT (LBS)	NOTES
					DB	WB			
SSI-1A	DAIKIN	FFQ12	400	18,000	80	67	18,000	23	-

GENERAL NOTES:
A. INDOOR UNIT RECEIVES POWER VIA OUTDOOR UNIT, REFER TO DUCTLESS SPLIT SYSTEM OUTDOOR UNIT SCHEDULE FOR ELECTRICAL REQUIREMENTS.

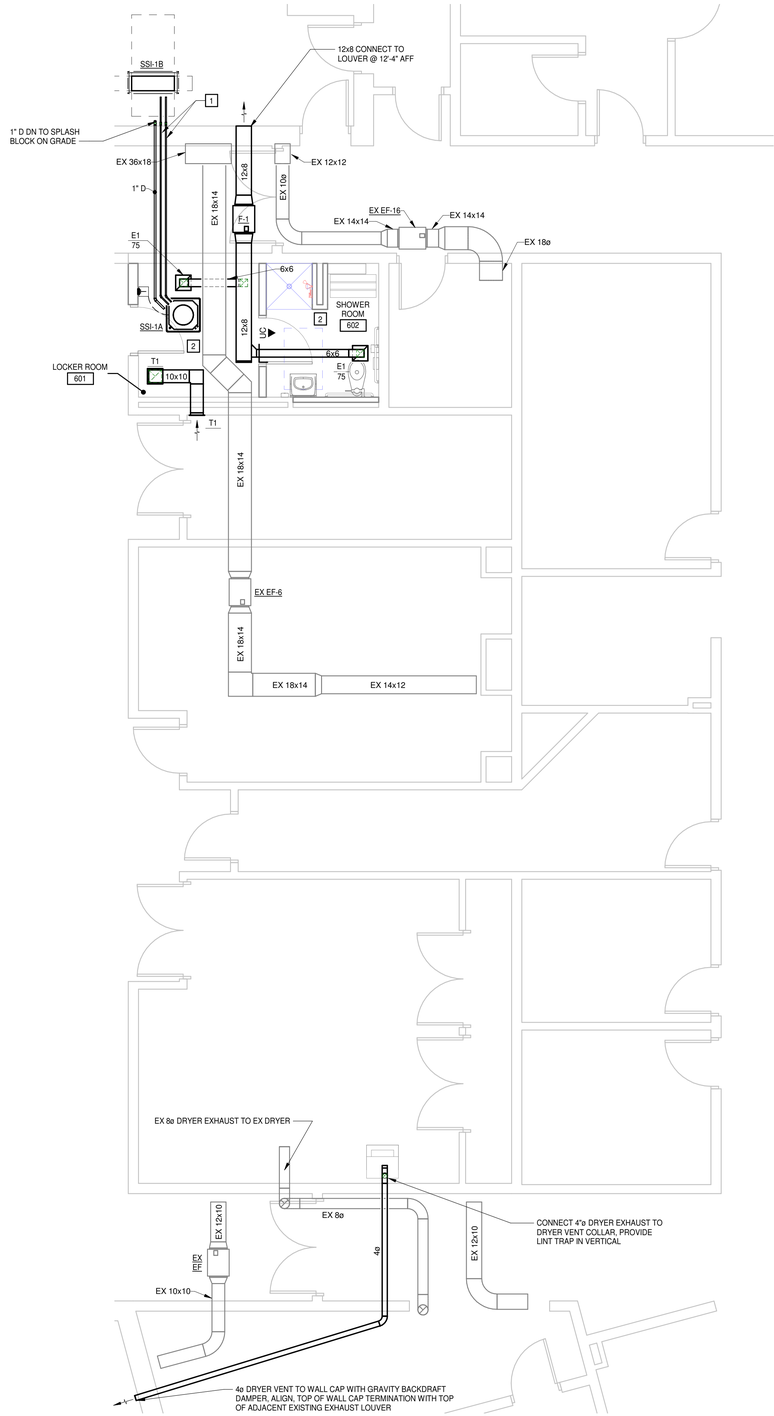
SPLIT SYSTEM OUTDOOR UNIT SCHEDULE

TAG	MANUFACTURER	MODEL NUMBER	SERVING	AMBIENT AIR TEMPERATURE (°F)	ELECTRICAL DATA					REFRIGERANT	WEIGHT (LBS)
					MCA (A)	MOCP (A)	SERVICE (V)	(PH)	(HZ)		
SSI-1B	DAIKIN	Q2VJU12	SSI-1A	95.0	13	15	208	1	60	R-410A	96



N

FIRE STATION 6 - OVERALL PLAN
1/16" = 1'-0"
0' 4' 8' 16' 32'
1/16" = 1'-0"



ENLARGED PLAN - STATION 6, AREA 1
1/4" = 1'-0"
0' 1' 2' 4' 8'
1/4" = 1'-0"

MOSELEY ARCHITECTS
3200 NORFOLK STREET, RICHMOND, VA 23230
PHONE (804) 794-7555 FAX (804) 355-9690
MOSELEYARCHITECTS.COM

COMMONWEALTH OF VIRGINIA
JASON P. FORSYTH
Lic. No. 038767
9/20/2021
PROFESSIONAL ENGINEER

KELLY DAY RENOVATIONS FS 6

563006
6950 Little Falls Rd, Arlington, VA 22213
Owner: Arlington County

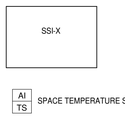
PROJECT NO: 563006
DATE: SEPTEMBER 22, 2021

REVISIONS	
DATE	DESCRIPTION

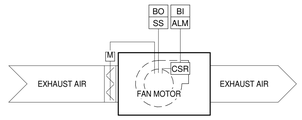
FIRST FLOOR PLAN - FIRE STATION 6

M2.5

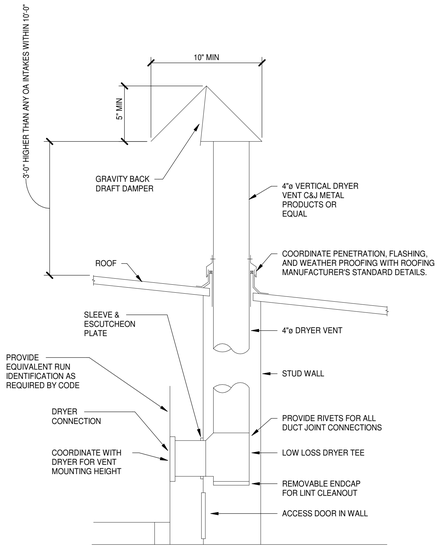
9/20/2021 11:29:19 PM



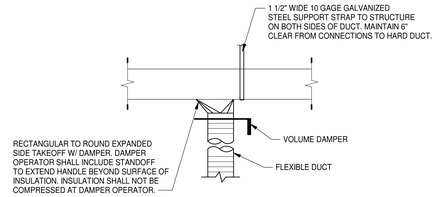
SPLIT-SYSTEM AC UNITS
NO SCALE



EXHAUST FAN - CONTROLLED BY BAS SCHEDULE
NO SCALE

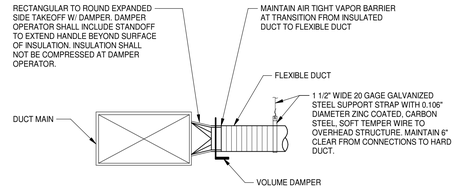


VERTICAL DRYER EXHAUST VENT ROOF TERMINATION DETAIL
NO SCALE



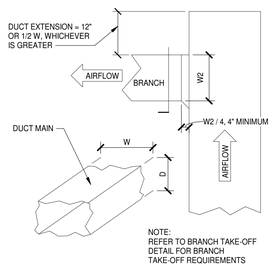
NOTES:
- FLEXIBLE DUCT SHALL BE INSTALLED OVER METAL DUCT (BEAD/LIP ON METAL DUCT) AND ANCHORED W/ A SINGLE NYLON MECHANICAL BAND.
- IN EXPOSED AREAS PROVIDE RIGID GALVANIZED STEEL DUCTWORK IN LIEU OF FLEXIBLE DUCTWORK INDICATED. SUPPORT IN ACCORDANCE WITH REQUIREMENTS SPECIFIED FOR STEEL DUCTWORK.

BRANCH TAKEOFF TO DIFFUSER-BOTTOM

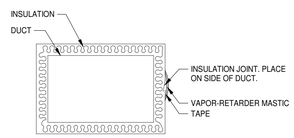


NOTES:
- FLEXIBLE DUCT SHALL BE INSTALLED OVER METAL DUCT (BEAD/LIP ON METAL DUCT) AND ANCHORED W/ A SINGLE NYLON MECHANICAL BAND.
- IN EXPOSED AREAS PROVIDE RIGID GALVANIZED STEEL DUCTWORK IN LIEU OF FLEXIBLE DUCTWORK INDICATED. SUPPORT IN ACCORDANCE WITH REQUIREMENTS SPECIFIED FOR STEEL DUCTWORK.

BRANCH TAKEOFF TO DIFFUSER-SIDE

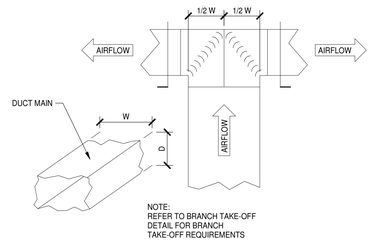


DUCT END OF MAIN DETAIL



REFER TO SPECIFICATION SECTION 230700 FOR ADDITIONAL INFORMATION.

DUCT INSULATION JOINT DETAIL

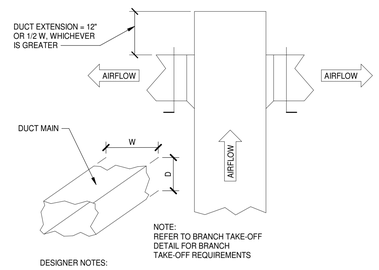


DESIGNER NOTES:

USE WHERE "W" EXCEEDS 24" OR WHEN AIR FLOW IS IN EXCESS OF 1500 CFM.

MAY BE PROPORTIONAL

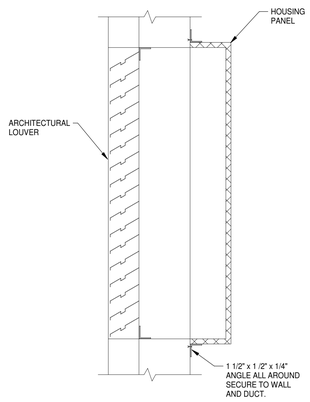
DUCT SPLIT WITH VANES DETAIL



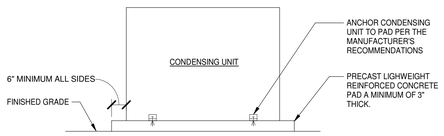
DESIGNER NOTES:

USE WHERE "W" IS LESS THAN 24", WHEN YOU HAVE ROUND DUCT BRANCHES TO DIFFUSERS, OR WHEN AIR FLOW IS EQUAL TO OR LESS THAN 1500 CFM.

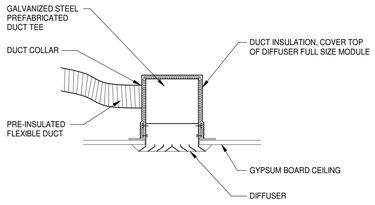
DUCT SPLIT WITHOUT VANES DETAIL



WALL LOUVER DETAIL
NO SCALE

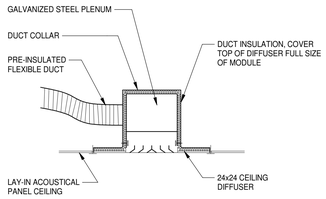


CONDENSING UNIT MOUNTING DETAIL
NO SCALE

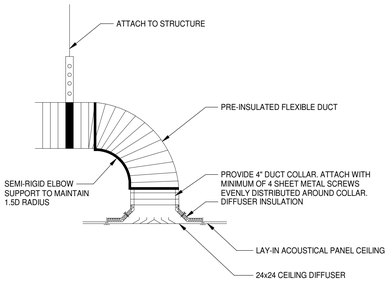


NOTE: THE DIFFUSER ASSEMBLY MAY BE SUPPORTED FROM THE CEILING FRAMING SYSTEM. THE DIFFUSER SHALL BE INSTALLED LEVEL AND TIGHT TO THE UNDERSIDE OF THE CEILING.

SUPPLY DIFFUSER CONNECTION GYP



SUPPLY DIFFUSER CONNECTION LAYIN



SUPPLY DIFFUSER CONNECTION LAYIN-COLLAR

MOSELEY ARCHITECTS
3200 NORFOLK STREET, RICHMOND, VA 23230
PHONE (804) 794-7555 FAX (804) 355-9690
MOSELEYARCHITECTS.COM

COMMONWEALTH OF VIRGINIA
JASON P. FORSYTH
Lic. No. 038767
9/22/2021
PROFESSIONAL ENGINEER

KELLY DAY RENOVATIONS FS 6

563006
6950 Little Falls Rd, Arlington, VA 22213
Owner: Arlington County

PROJECT NO: 563006
DATE: SEPTEMBER 22, 2021

REVISIONS	
DATE	DESCRIPTION

DETAILS & CONTROLS

M5.1.

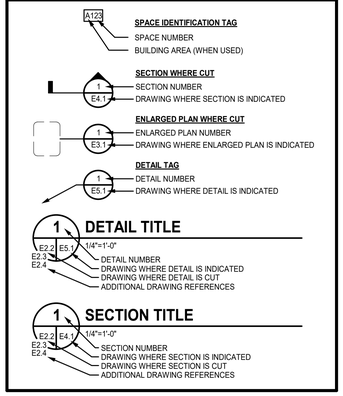
9/20/2021 1:29:20 PM

FIRE ALARM LEGEND

SYMBOL DESCRIPTION

- FIRE ALARM AUDIO/VISUAL NOTIFICATION DEVICE, MOUNT AT 80" AFF AND NOT MORE THAN 96". SUBSCRIPT NUMBER INDICATES STROBE CANDELA RATING.
- FIRE ALARM VISUAL STROBE NOTIFICATION DEVICE, 80" AFF AND NOT MORE THAN 96". SUBSCRIPT NUMBER INDICATES STROBE CANDELA RATING.
- FIRE ALARM AUDIO/VISUAL NOTIFICATION DEVICE WITH DEVICE GUARD, 80" AFF AND NOT MORE THAN 96". SUBSCRIPT NUMBER INDICATES STROBE CANDELA RATING. # / # INDICATES STROBE SETTING AND REDUCED EFFECTIVE OUTPUT WHEN DEVICE GUARD IS PRESENT.
- FIRE ALARM VISUAL STROBE NOTIFICATION DEVICE, 80" AFF AND NOT MORE THAN 96". SUBSCRIPT NUMBER INDICATES STROBE CANDELA RATING. # / # INDICATES STROVE SETTING AND REDUCED EFFECTIVE OUTPUT WHEN DEVICE GUARD IS PRESENT.
- FIRE ALARM AUDIO/VISUAL NOTIFICATION DEVICE, CEILING MOUNTED. SUBSCRIPT NUMBER INDICATES STROBE CANDELA RATING.
- FIRE ALARM VISUAL STROBE NOTIFICATION DEVICE, CEILING MOUNTED. SUBSCRIPT NUMBER INDICATES STROBE CANDELA RATING.
- FIRE ALARM AUDIO/VISUAL NOTIFICATION DEVICE WITH DEVICE GUARD, CEILING MOUNTED. SUBSCRIPT NUMBER INDICATES STROBE CANDELA RATING. # / # INDICATES STROBE SETTING AND REDUCED EFFECTIVE OUTPUT WHEN DEVICE GUARD IS PRESENT.
- FIRE ALARM VISUAL STROBE NOTIFICATION DEVICE, CEILING MOUNTED. SUBSCRIPT NUMBER INDICATES STROBE CANDELA RATING. # / # INDICATES STROVE SETTING AND REDUCED EFFECTIVE OUTPUT WHEN DEVICE GUARD IS PRESENT.

GRAPHICS SYMBOLS LEGEND



COMMUNICATIONS LEGEND

NOTE: REFER TO 'TYPICAL COMMUNICATION OUTLET DETAIL' FOR BOX & CONDUIT REQUIREMENTS. REFER TO TELECOMMUNICATION DEVICE DETAILS FOR CABLING AND TERMINAL JACK REQUIREMENTS.

SYMBOL DESCRIPTION

- ∇_X TELECOMMUNICATIONS OUTLET, SUBSCRIPT NUMBER INDICATES OUTLET TYPE. MOUNT AT +3'-10"AFF.
- ∇_2 WESTNET SYSTEM, COORDINATE WITH COUNTY FOR SPECIALITY CONTRACTORS INSTALLATION .
- $\blacktriangledown_X$ TELECOMMUNICATIONS OUTLET, SUBSCRIPT NUMBER INDICATES OUTLET TYPE. MOUNT AT +1'-6"AFF.

LIGHTING LEGEND

SYMBOL DESCRIPTION

- S LIGHT SWITCH, RATED 120/277 VOLTS, 20-AMPS, MOUNT AT +3'-10"AFF. SUBSCRIPT/SUPERSCRIPT LETTERS, NUMBERS, AND SYMBOLS INDICATES SWITCH TYPE AS FOLLOWS:
  - 3 INDICATES 3-WAY LIGHT SWITCH
  - 4 INDICATES 4-WAY LIGHT SWITCH
  - D INDICATES DIMMER SWITCH
  - P INDICATES PILOT LIGHT, ON WHEN SWITCH IS ON
  - K INDICATES KEY OPERATED LIGHT SWITCH
  - OS INDICATES SWITCH WITH INTEGRAL OCCUPANCY SENSOR
  - OD_V INDICATES DIMMER SWITCH WITH INTEGRAL OCCUPANCY SENSOR
  - OS_2 INDICATES DUAL RELAY INTEGRAL OCCUPANCY SENSOR, WIRED FOR MULTI-LEVEL SWITCHING
  - LOWER CASE LETTER INDICATES LIGHT FIXTURE CONTROL DESIGNATION
- S INDICATES SWITCHES WIRED FOR INBOARD/OUTBOARD SWITCHING.
- OMNI-DIRECTIONAL LIGHTING CONTROL OCCUPANCY DETECTOR, CEILING MOUNT.
- DIRECTIONAL LIGHTING CONTROL OCCUPANCY DETECTOR, WALL MOUNT AT 6" BELOW FINISHED CEILING.
- PEC PHOTOELECTRIC CELL FOR LIGHTING CONTROL. WALL MOUNT AT +10-0"AFF. AIM NORTH.
- LIGHT FIXTURE, CEILING MOUNT.
- LIGHT FIXTURE ON EMERGENCY POWER, CEILING MOUNT.
- LIGHTING FIXTURE.
- LIGHTING FIXTURE ON EMERGENCY POWER.
- WALL WASHER LIGHTING FIXTURE.
- LIGHT FIXTURE, WALL MOUNT, HEIGHT AS INDICATED.
- EMERGENCY EGRESS LIGHTING FIXTURE, WITH BATTERY PACK, WALL MOUNT AT +8'-0"AFF.
- EXIT SIGN, CEILING MOUNT. DIRECTIONAL ARROWS AS INDICATED. SHADING INDICATES FACE(S) OF SIGN.
- EXIT SIGN, WALL MOUNT. DIRECTIONAL ARROWS AS INDICATED. SHADING INDICATES FACE(S) OF SIGN.
- TRACK LIGHTS.
- LIGHT FIXTURE, POLE MOUNT.
- SPORTS LIGHTING POLE.

DEMOLITION LEGEND

SYMBOL DESCRIPTION

- REMOVE DEVICES, EQUIPMENT, IN ACCORDANCE WITH THE GENERAL DEMOLITION NOTES.
- DEVICES ARE EXISTING TO REMAIN.
- WITHIN HATCHED AREAS, DISCONNECT AND REMOVE ALL ELECTRICAL MATERIALS INCLUDING BUT NOT LIMITED TO LIGHTS, DEVICES, EQUIPMENT, SPEAKERS, FIRE ALARM, COMMUNICATIONS, AND CIRCUITRY.

GENERAL DEMOLITION NOTES

A. PROVIDE ALL ELECTRICAL DEMOLITION WORK REQUIRED TO INSTALL THE WORK INDICATED. REMOVE, REROUTE, AND RECONNECT ALL BRANCH CIRCUITS THAT WILL REMAIN IN USE BUT INTERFERES WITH THE WORK.

B. REMOVE ALL EXISTING CONDUITS THAT WILL NOT BE REUSED AND WHERE THEY WILL BE EXPOSED AFTER COMPLETION. ABANDON ALL OTHERS IN THE WALLS ONLY. DISCONNECT ALL WIRING INDICATED AND/OR REQUIRED TO BE REMOVED FROM ALL POWER SOURCES. REMOVE ALL WIRING FROM ABANDONED CONDUITS AND PROVIDE BLANK COVER PLATES FOR BOXES NOT UTILIZED FOR THE WORK.

C. MAINTAIN CONTINUITY OF ALL EXISTING CIRCUITS TO REMAIN OR PORTIONS THEREOF AFFECTED BY THE WORK.

D. BEFORE DEMOLITION, VERIFY WITH THE OWNER ALL EQUIPMENT TO BE SALVAGED TO OWNER AND NOT REMOVED FROM THE SITE. FOR ALL REMAINING EQUIPMENT INDICATED FOR REMOVAL (AND NOT RELOCATED), REMOVE AND DISPOSE IN A LEGAL MANNER.

E. EXERCISE CARE IN REMOVING DEMOLITION ITEMS. REPAIR OR REPLACE ALL DAMAGE CAUSED TO EXISTING CONSTRUCTION AND EQUIPMENT TO REMAIN.

F. DRAWINGS ARE BASED UPON EXISTING PLANS AND FIELD INVESTIGATION WITHOUT DEMOLITION. VISIT THE EXISTING BUILDING AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS AND EXAMINE ALL DRAWINGS TO AVOID CONFLICTS.

G. WHERE DEMOLITION OF TELECOMMUNICATIONS DEVICES OCCUR, REMOVE CABLING NOT INDICATED TO REMAIN BACK TO POINT OF ORIGIN.

H. DEMOLITION FLOOR PLANS ARE PROVIDED FOR REFERENCE ONLY TO AID IN DEFINING THE SCOPE OF DEMOLITION WORK.

POWER LEGEND

SYMBOL DESCRIPTION

- APPLIANCE RECEPTACLE, MOUNT AT +1'-6" AFF. PROVIDE NEMA CONFIGURATION TO MATCH PLUG FOR EQUIPMENT SERVED.
- APPLIANCE RECEPTACLE, MOUNT AT +1'-6"AFF. PROVIDE NEMA CONFIGURATION TO MATCH PLUG FOR EQUIPMENT SERVED. CONNECT TO EMERGENCY POWER, PROVIDE RED DEVICE.
- DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +1'-6"AFF.
- DUPLEX RECEPTACLE USB, NEMA 5-20R, MOUNT AT +1'-6"AFF.
- DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +3'-10"AFF.
- DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +7'-6"AFF.
- GFCI DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +1'-6"AFF. PROVIDE NEMA 3R "WHILE IN USE" ENCLOSURE.
- GFCI DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +1'-6"AFF.
- GFCI DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +3'-10"AFF.
- DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +1'-6"AFF.
- DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +3'-10"AFF.
- DISCONNECT SWITCH, FUSIBLE OR NON-FUSIBLE AS INDICATED. MOUNT W/HANDLE AT +4'-6"AFF, UNO.
- BRANCH CIRCUIT RUN CONCEALED, UNO. DASHED INDICATES CIRCUITRY REQUIRED TO BE RUN BELOW SLAB.
- STRAIGHT LINEWORK FOR CIRCUITRY INDICATES ON EMERGENCY POWER CIRCUIT. INDICATED FOR CLARITY ONLY, ACTUAL HOMERUN DESIGNATION OVERRIDES THIS SYMBOLOGY.
- BRANCH CIRCUIT HOME RUN TO PANELBOARD AND CIRCUIT INDICATED.
- PANELBOARD.
- T TRANSFORMER, PROVIDE CONCRETE HOUSEKEEPING PAD UNLESS NOTED OTHERWISE.
- R RELAY, N/O OR N/C AS INDICATED.
- RELAY, NORMALLY OPEN.
- RELAY, NORMALLY CLOSED.
- XXX FEEDER TAG. REFER TO FEEDER SCHEDULE ON DWG E5.1.

GENERAL NOTES

A. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE BETTER QUALITY. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE GREATER QUANTITY OF WORK.

B. FOLLOW MOUNTING HEIGHTS INDICATED IN THE ELECTRICAL LEGEND UNLESS OTHERWISE INDICATED. MEASURE ALL MOUNTING HEIGHTS FROM THE DEVICE CENTER LINE UNLESS OTHERWISE INDICATED.

C. FIELD VERIFY EXACT FEEDER LOCATIONS FOR MECHANICAL EQUIPMENT PRIOR TO ROUGH-IN.

D. EQUIPMENT CONNECTIONS ARE INDICATED IN THEIR APPROXIMATE LOCATIONS. VERIFY EXACT LOCATIONS OF ALL CONNECTIONS WITH OTHER TRADES SUPPLYING EQUIPMENT TO AVOID CONFLICTS AT INSTALLATION.

E. LOCATED ALL SWITCHES FOR LOCAL CONTROL OF LIGHTING ON STRIKE SIDE OF SINGLE DOORS UNLESS OTHERWISE INDICATED.

F. PROVIDE SPECIFIC BREAKER ARRANGEMENT FOR THE PANEL BOARDS WHEREVER PHYSICALLY POSSIBLE. PROVIDE AS-BUILT DRAWINGS INDICATING ACTUAL BRANCH CIRCUIT ARRANGEMENT. PROVIDE TYPE WRITTEN PANELBOARD DIRECTORIES INDICATING ACTUAL BRANCH CIRCUIT ARRANGEMENT.

G. PROVIDE AS-BUILT DRAWINGS INDICATING ACTUAL BRANCH CIRCUIT ARRANGEMENT. PROVIDE TYPEWRITTEN PANELBOARD DIRECTORIES INDICATING ACTUAL BRANCH CIRCUIT ARRANGEMENT. HAND WRITTEN SCHEDULES ARE NOT ACCEPTABLE.

H. ALL CONDUIT RUNS INDICATED ARE DIAGRAMMATIC, COORDINATE ROUTING IN ALL SPACES WITH OTHER TRADES.

I. ALL PANELBOARDS INDICATED ARE HOUSED IN A SINGLE WIDTH ENCLOSURE, LINO. THE CONTRACTOR SHALL FIELD VERIFY ROOM LAYOUT AND ADJUST ACCORDINGLY, AT NO COST TO THE OWNER, IF PROVIDING ANY PANELBOARD ENCLOSURES.

J. WHERE POWER AND COMMUNICATION OUTLETS ARE INDICATED IN CLOSE PROXIMITY ON THE DRAWINGS, FIELD COORDINATE THE LOCATIONS TO PLACE THE OUTLETS ADJACENT TO EACH OTHER.

K. ALL EXTERIOR RECEPTACLES SHALL BE LABELED "WR" - WEATHER RESISTANT.

L. WHEN GROUPING MULTIPLE LINE TO NEUTRAL BRANCH CIRCUITS IN A CONDUIT, PROVIDE DEDICATED COLOR CODED NEUTRAL CONDUCTORS FOR EACH CIRCUIT. DO NOT USE BREAKER TIES AND SHARED NEUTRALS EVEN THOUGH PERMITTED BY NEC.

M. PROVIDE A 2" WIDE YELLOW LINE PAINTED ON THE FLOOR INDICATING THE ELECTRICAL WORKING SPACE. IN FRONT OF ALL ELECTRICAL PANELS IN ELECTRICAL ROOMS. REFER TO PLANS FOR ELECTRICAL WORKING SPACE DETAILS. STENCIL "NO STORAGE" IN 2" HIGH, YELLOW LETTERS CENTERED IN THE OUTLINED AREA.

ABBREVIATIONS

1P	SINGLE PHASE
3P	THREE PHASE
3R	WEATHERPROOF (NEMA 3R)
A	AMPS
AFF	ABOVE FINISHED FLOOR
AL	ALUMINUM
ATS	AUTOMATIC TRANSFER SWITCH
BFC	BELOW FINISHED CEILING
BFG	BELOW FINISHED GRADE
BKR	BREAKER
C	CONDUIT
CATV	COMMUNITY ANTENNA TELEVISION (CABLE)
CB	CIRCUIT BREAKER
CBL	CABLE
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
CLG	CEILING
CLR	CLEAR
CO	COMPANY
COMB	COMBINATION
COMM	COMMUNICATIONS
CU	COPPER
DIA	DIAMETER
DISC	DISCONNECT
DIV	DIVISION
DWG	DRAWING
EBH	ELECTRIC BASEBOARD HEATER
EC	EMPTY CONDUIT
ECS	EMERGENCY COMMUNICATIONS STATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
EPO	EMERGENCY POWER OFF
EQ	EQUIPMENT
ETR	EXISTING TO REMAIN
EWC	ELECTRIC WATER COOLER
EX	EXISTING
EXT	EXTERIOR
FA	FIRE ALARM
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL
FAGP	FIRE ALARM GRAPHIC PANEL
FAXP	FIRE ALARM EXTENDER PANEL
FFSCP	FIRE FIGHTER'S SMOKE CONTROL PANEL
FLA	FULL LOAD AMPS
FPMR	FUSE PER MANUFACTURERS REQUIREMENTS/RECOMMENDATIONS
FPND	FUSE PER NAMEPLATE DATA
G	GROUND
GE	GROUND FAULT PROTECTION FOR EQUIPMENT, 6-50mA PER NEC 427.22 (PROVIDE ACCESSORY FOR INDICATED BREAKER)
GFCI	GROUND FAULT CIRCUIT INTERRUPT
GFP	GROUND FAULT PROTECTION FOR PERSONNEL, 4-6mA (PROVIDE ACCESSORY FOR INDICATED BREAKER)
HKP	HOUSEKEEPING PAD
HP	HORSEPOWER
HPS	HIGH PRESSURE SODIUM
Hz	HERTZ
IAW	IN ACCORDANCE WITH
IG	ISOLATED GROUND
J-BOX	JUNCTION BOX
KHFSS	KITCHEN HOOD FIRE SUPPRESSION SYSTEM
KHz	KILOHERTZ
KVA	KILOVOLT AMPS
KW	KILOWATTS
KWH	KILOWATT HOURS
L	LOCKOUT TO PREVENT UNAUTHORIZED SWITCHING (PROVIDE ACCESSORY FOR INDICATED BREAKER)
LC	ROUTE CIRCUIT TO LOAD VIA LIGHTING CONTACTOR, REFER TO LC SCHEDULE
LED	LIGHT EMITTING DIODE
LTG	LIGHTING
LTS	LIGHTS
MAX	MAXIMUM
MCA	MINIMUM CIRCUIT AMPACITY
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MH	METAL HALIDE
MHz	MEGAHERTZ
MIN	MINIMUM
ML	MAINTENANCE LOCK (PROVIDE ACCESSORY FOR INDICATED BREAKER)
MLO	MAIN LUG ONLY
MNS	MASS NOTIFICATION SYSTEM
MOCP	MAXIMUM OVER CURRENT PROTECTION.
MTD	MOUNTED
N	NEUTRAL
N/C	NORMALLY CLOSED
N/O	NORMALLY OPEN
NO.	NUMBER
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
P	PILOT LIGHT (AT THE SWITCH HANDLE)
PBD	PANELBOARD
PD	PROTECTIVE DEVICE
RCPT	RECEPTACLE
REC	RECEPTACLE
SEC	SECURITY
SPD	SURGE PROTECTIVE DEVICE
SPEC.	SPECIFICATION(S)
ST	SHUNT TRIP, 120V COIL (PROVIDE ACCESSORY FOR INDICATED BREAKER)
SW	SWITCH
SWBD	SWITCHBOARD
TBB	TELECOMMUNICATIONS BONDING BACKBONE
TC	TELECOMMUNICATIONS CLOSET
TELECOM	TELECOMMUNICATIONS
TGB	TELECOMMUNICATIONS GROUNDING BUS BAR
TMGB	TELECOMMUNICATIONS MAIN GROUNDING BUS BAR
TYP	TYPICAL
UNO	UNLESS NOTED (INDICATED) OTHERWISE
V	VOLTS
VFD	VARIABLE FREQUENCY DRIVE
W	WATTS
W/	WITH
WG	WIRE GUARD
WP	WEATHERPROOF
XFER	TRANSFER
XFMR	TRANSFORMER

INTERIOR LIGHT FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	SERIES NO.	WATTAGE	LUMENS	LAMP QUANTITY	LAMP TYPE	LAMP COLOR TEMP.	MOUNTING	OPTIONS DIMMING	OPTIONS BATTERY PACK **	REFERENCE NOTE	COMMENTS
				0									
A1	2'x4' FLAT PANEL LED	METALUX	24FPX-31-L835-SVPD1	29	3800 lm	1	LED	3500 K	RECESSED	X			
A1E	2'x4' FLAT PANEL LED EMERGENCY	METALUX	24FPX-31-L835-SVPD1	29	3800 lm	1	LED	3500 K	RECESSED	X	X		
B1	2'x2' FLAT PANEL LED	METALUX	22FPX-21-L835-SVPD1	20	2500 lm	1	LED	3500 K	RECESSED	X			
B1E	2'x2' FLAT PANEL LED EMERGENCY	METALUX	22FPX-21-L835-SVPD1	20	2500 lm	1	LED	3500 K	RECESSED	X	X		
C1	6" CAN DOWN LIGHT	HALO	RL6069S1EWHDMR	8	600 lm	1	LED	3500 K	RECESSED	X			NOT USED FOR FIRE STATION#1
C1E	6" CAN DOWN LIGHT	HALO	RL6069S1EWHDMR	8	600 lm	1	LED	3500 K	RECESSED	X	X		NOT USED FOR FIRE STATION#1
C2	6" CAN DOWN LIGHT WATER PROOF	HALO	RL6069S1EWHDMR	8	600 lm	1	LED	3500 K	RECESSED	X			NOT USED FOR FIRE STATION#1
L1	1'x4' LINEAR LED	CORELITE	CONTINUA SQ4 SUSPENDED	0	2228 lm	1	LED	3500 K	PENDANT	X			
L1E	1'x4' LINEAR LED EMERGENCY	CORELITE	CONTINUA SQ4 SUSPENDED	0	2228 lm	1	LED	3500 K	PENDANT	X	X		
L2	1'x4' LINEAR LED	METALUX	4RBG6-SL1-L8SCT3	27	3000 lm	1	LED	3500 K	RECESSED	X			
L2E	1'x4' LINEAR LED EMERGENCY	METALUX	4RBG6-SL1-L8SCT3	27	3000 lm	1	LED	3500 K	RECESSED	X	X		
L3	1'x4' LINEAR LE WATER PROOF	METALUX	4RBG6-SL1-L8SCT3	27	3000 lm	1	LED	3500 K	SURFACE	X			NOT USED FOR FIRE STATION#1
L3E	1'x4' LINEAR LE WATER PROOF	METALUX	4RBG6-SL1-L8SCT3	27	3000 lm	1		3500 K	SURFACE	X	X		NOT USED FOR FIRE STATION#1
V1	2' VANITY	METALUX	2RBG6-SL1-L8SCT3+2RB SURF6	32	1800 lm	1	LED	3500 K	WALL	X			NOT USED FOR FIRE STATION#1
X1	EXIT SIGN	ATLITE	REUR	5		1	LED		WALL			1	

GENERAL NOTES:

A. ALL FIXTURES SHALL BE CAPABLE OF 120V AND 277V INPUT (MVOLT), UNO.
B. REFER TO LIGHTING PLANS AND SPECIFICATIONS FOR ADDITIONAL FIXTURE INFORMATION.
C. "X" IN THE SCHEDULE INDICATES ITEM IS REQUIRED.
D. ALL LENS SHALL BE A MINIMUM 0.125" THICKNESS, UNO.

* O = OCCUPANCY SENSOR; V = VACANCY SENSOR
** PROVIDE BATTERY PACK WHERE INDICATED ON DRAWINGS, WIRE BATTERY LEADS AHEAD OF SWITCH FOR THE CIRCUIT IN THE SPACE TO MAINTAIN PROPER OPERATION IN CASE OF POWER LOSS.

REFERENCE NOTES:

1. NUMBER OF FACES AND DIRECTIONAL CHEVRONS AS INDICATED ON DWGS.
2. FIXTURE SHALL BE SUITABLE FOR DAMP LOCATIONS.
3. FIXTURE SHALL BE SUITABLE FOR WET LOCATIONS.

MOSELEY ARCHITECTS
3200 NORFOLK STREET, RICHMOND, VA 23230
PHONE (804) 794-7555 FAX (804) 355-8690
MOSELEYARCHITECTS.COM

COMMONWEALTH OF VIRGINIA
BRIAN C. WELLS
Lic. No. 046269
5-30-14
PROFESSIONAL ENGINEER

KELLY DAY RENOVATIONS FS 6

563006
6950 Little Falls Rd, Arlington, VA 22213
Owner: Arlington County

PROJECT NO: 563006
DATE: SEPTEMBER 22, 2021

REVISIONS

DATE	DESCRIPTION

LEGENDS, ABBREVIATIONS AND GENERAL NOTES

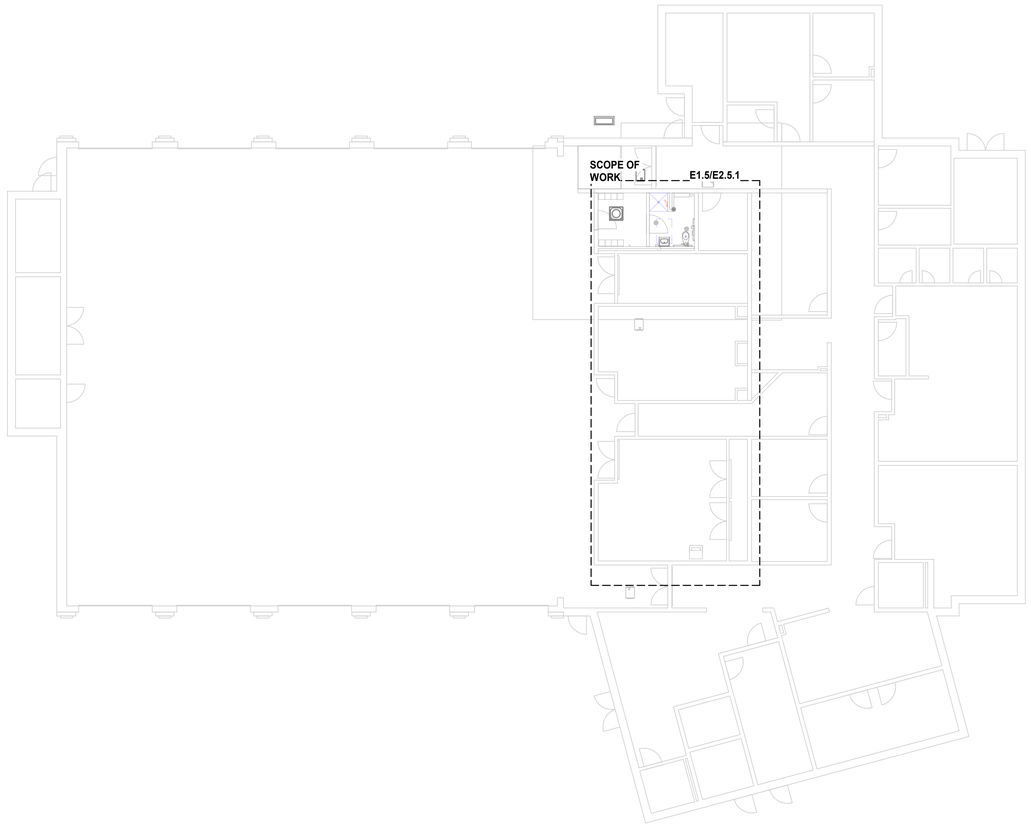
E0.1.

9/23/2021 10:49:47 AM

KEYNOTES

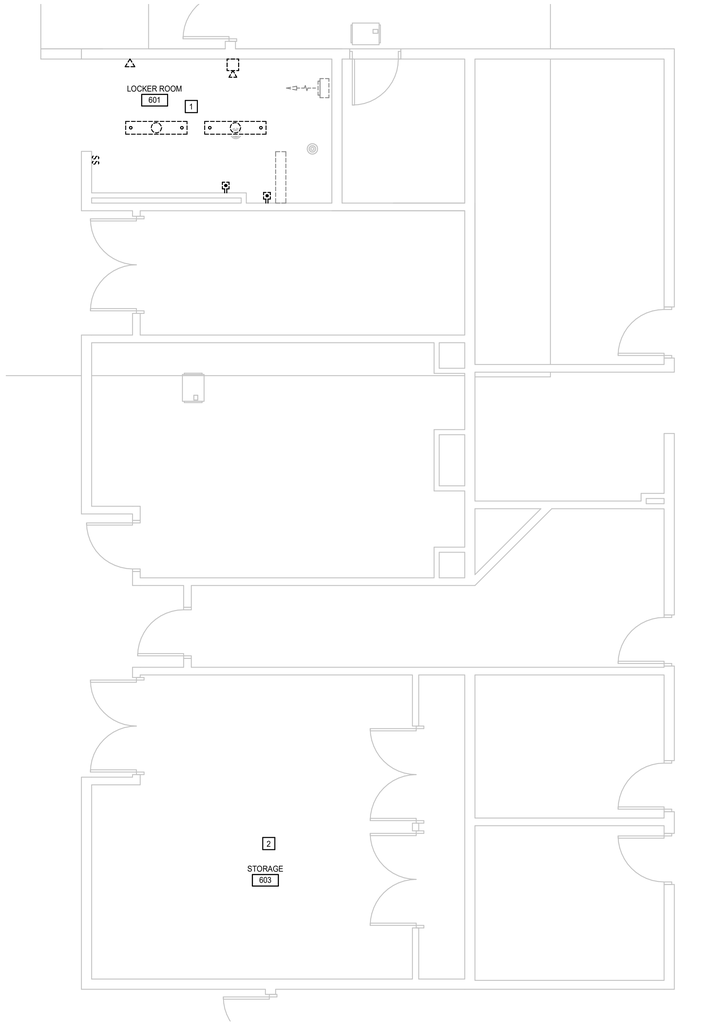
APPLIES TO DRAWINGS E1.5
REPRESENTED BY [n]

1. DEMOLISH ALL ELECTRICAL EQUIPMENT UNLESS SHOWN OR NOTED OTHER WISE. MAINTAIN CIRCUITRY CONTINUITY FOR RECONNECTION OF NEW EQUIPMENT.
2. NO ELECTRICAL DEMOLITION WORK IN THIS AREA.



N

FIRST FLOOR OVER ALL PLAN - FIRE STATION 6
1" = 10'-0"



N

FIRST FLOOR DEMOLITION PLAN - STATION 6
1/4" = 1'-0"

MOSELEYARCHITECTS
3200 NORFOLK STREET, RICHMOND, VA 23230
PHONE (804) 794-7555 FAX (804) 355-8690
MOSELEYARCHITECTS.COM

COMMONWEALTH OF VIRGINIA
BRIAN C. WELLS
Lic. No. 046269
5-30-14
PROFESSIONAL ENGINEER

KELLY DAY RENOVATIONS FS 6

563006
6950 Little Falls Rd, Arlington, VA 22213
Owner: Arlington County

PROJECT NO: 563006
DATE: SEPTEMBER 22, 2021

REVISIONS	
DATE	DESCRIPTION

FIRST FLOOR DEMOLITION PLAN - FIRE STATION 6

E1.5

9/23/2021 10:49:52 AM

TOTAL EXISTING AND NEW LOAD CALCULATIONS

DEMAND BASED ON THE HIGHEST ELECTRICAL USAGE IN THE PAST 12 MONTHS :70.5KW

AMP=70500KW/((480V*1.732)*0.8 PF)= 106.12

EXISTING MDP CAPACITY : RATING 250A, CAPACITY 80% OF 250A = 200A

NEW LOAD BEING ADDED: ((21A*208V)*1.732)=7556.64 VA OR ((7556.64VA / 480V) / 1.732) = 9.1A @ 480

TOTAL NEW LOAD: 106.12 + 9.1= 115.2A < 200A

EXISTING PANELBOARD H1

225 AMP MCB | 480/277 Wye | 3 PH 4 W | LOCATION: | MOUNT: SURFACE | FED FROM: | PANEL ASSEMBLY RATED (KAIC): 10 KAIC

CKT	BRKR	POLE	LOAD	A		B		C		LOAD	POLE	BRKR	CKT
1	20 A	1	EXISTING TO REMAIN	1.5	1.7								2
3	20 A	1	EXISTING TO REMAIN			3.0	1.7			EXISTING TO REMAIN	3	20 A	4
5	20 A	1	EXISTING TO REMAIN					2.7	1.7				6
7	20 A	1	EXISTING TO REMAIN	3.5	2.3								8
9	20 A	1	EXISTING TO REMAIN			2.0	2.3			EXISTING TO REMAIN	3	20 A	10
11	20 A	1	EXISTING TO REMAIN					2.0	2.3				12
13				0.0	3.4								14
15	30 A	3	EXISTING TO REMAIN			0.0	3.4			EXISTING TO REMAIN	3	20 A	16
17								0.0	3.4				18
19				23.9	3.4								20
21	100 A	3	EXISTING TO REMAIN			22.1	3.4			EXISTING TO REMAIN	3	20 A	22
23								21.6	3.4				24
25				9.5	2.8								26
27	60 A	3	EXISTING TO REMAIN			9.5	2.8			EXISTING TO REMAIN	3	20 A	28
29								9.5	2.8				30
31				1.1	3.7								32
33	20 A	3	EXISTING TO REMAIN			1.1	3.7			XFMR TL3 NOTE (1)	3	50 A	34
35								1.1	0.0				36
37				3.9	1.5								38
39	20 A	3	EXISTING TO REMAIN			3.9	1.5			H1A	3	100 A	40
41								3.9	1.5				42
				62 KVA		60 KVA		56 KVA					
				227 A		221 A		202 A					

NOTE
1) PROVIDE A BREAKER AS INDICATED.

Load Classification	Connected Load	Demand Factor	Estimated Demand
INTERIOR LIGHTING	0 VA	0.00%	0 VA
EXTERIOR LIGHTING	0 VA	0.00%	0 VA
RECEPTACLES	0 VA	0.00%	0 VA
AC / HEAT PUMP	0 VA	0.00%	0 VA
ELECTRIC HEAT	0 VA	0.00%	0 VA
KITCHEN	0 VA	0.00%	0 VA
MISCELLANEOUS	4992 VA	100.00%	4992 VA

Panel Totals
Total Conn. Load: 178.5 kVA
Total Est. Demand: 178.5 kVA
Total Conn. Current: 215 A
Total Est. Demand... 215 A

PANELBOARD SCHEDULE L3

100 A MCB | 120/208 Wye | 3 PH 4 W | LOCATION: STORAGE 603 | MOUNT: SURFACE | FED FROM: TL3 | PANEL ASSEMBLY RATED (KAIC): 10 KAIC

CKT	BRKR	POLE	LOAD	A		B		C		LOAD	POLE	BRKR	CKT
1	30 A	2	STACKABLE LAUNDRY UNIT	2.5	1.2					SSI-1B	2	15 A	2
3						2.5	1.2						4
5	20 A	1	F-1					0.0	0.0	SPARE	1	20 A	6
7	20 A	1	SPARE	0.0	0.0					SPARE	1	20 A	8
9	20 A	1	SPARE			0.0	0.0			SPARE	1	20 A	10
11	20 A	1	SPARE					0.0	--	SPACE ONLY	1	--	12
13	--	1	SPACE ONLY	--	--					SPACE ONLY	1	--	14
15	--	1	SPACE ONLY			--	--			SPACE ONLY	1	--	16
17	--	1	SPACE ONLY					--	--	SPACE ONLY	1	--	18
19	--	1	SPACE ONLY	--	--					SPACE ONLY	1	--	20
21	--	1	SPACE ONLY			--	--			SPACE ONLY	1	--	22
23	--	1	SPACE ONLY					--	--	SPACE ONLY	1	--	24
25	--	1	SPACE ONLY	--	--					SPACE ONLY	1	--	26
27	--	1	SPACE ONLY			--	--			SPACE ONLY	1	--	28
29	--	1	SPACE ONLY					--	--	SPACE ONLY	1	--	30
31	--	1	SPACE ONLY	--	--					SPACE ONLY	1	--	32
33	--	1	SPACE ONLY			--	--			SPACE ONLY	1	--	34
35	--	1	SPACE ONLY					--	--	SPACE ONLY	1	--	36
37	--	1	SPACE ONLY	--	--					SPACE ONLY	1	--	38
39	--	1	SPACE ONLY			--	--			SPACE ONLY	1	--	40
41													42
				4 KVA		4 KVA		0 KVA					
				36 A		36 A		0 A					

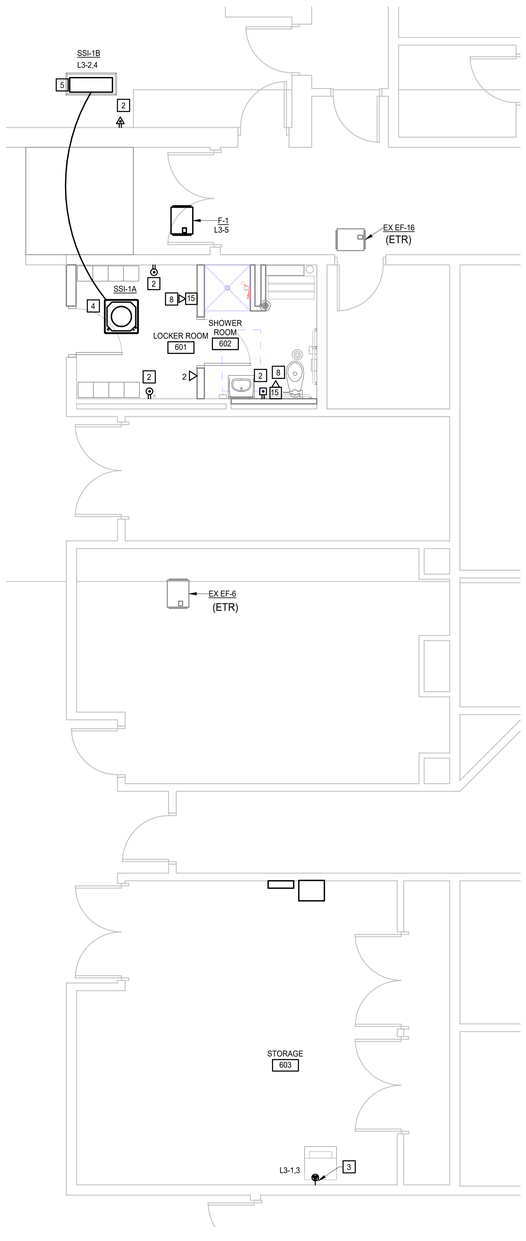
Load Classification	Connected Load	Demand Factor	Estimated Demand
INTERIOR LIGHTING	0 VA	0.00%	0 VA
EXTERIOR LIGHTING	0 VA	0.00%	0 VA
RECEPTACLES	0 VA	0.00%	0 VA
AC / HEAT PUMP	0 VA	0.00%	0 VA
ELECTRIC HEAT	0 VA	0.00%	0 VA
KITCHEN	0 VA	0.00%	0 VA
MISCELLANEOUS	4992 VA	100.00%	4992 VA

Panel Totals
Total Conn. Load: 7.5 kVA
Total Est. Demand: 7.5 kVA
Total Conn. Current: 21 A
Total Est. Demand... 21 A

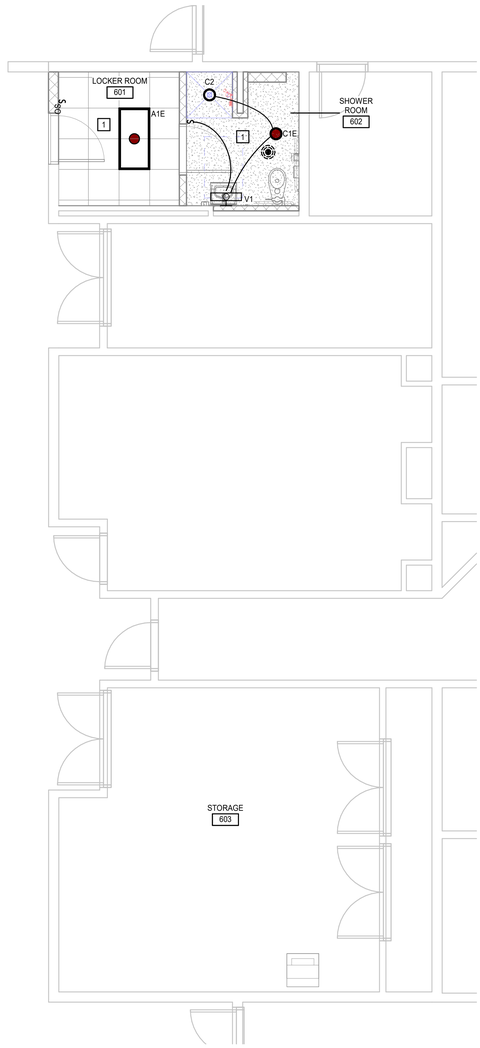
KEYNOTES

APPLIES TO DRAWINGS E2.5
REPRESENTED BY n

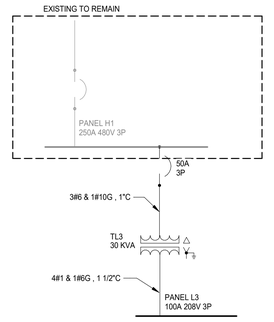
1. CONNECT NEW LIGHTING TO EXISTING LIGHTING CIRCUIT.
2. CONNECT NEW RECEPTACLES TO EXISTING CIRCUIT.
3. STACKABLE WASHER AND DRIER OUTLETS SHALL BE NEMA 10-30R RECEPTACLE RATED FOR 30 AMPS. PROVIDE 3#10, 1#10G , 3/4"C.
4. SSI-1A POWER WILL BE FEED FROM SSI-1B.
5. PROVIDE 3#12,1#12G, 3/4"C. DISCONNECT PROVIDED BY DIV. 23
6. REMOVE BREAKER 4 ,6 AND ASSOCIATED CIRCUITRY. PROVIDE NEW 208/2P/30 AMP BREAKER.
7. REMOVE BREAKER 20,22 AND ASSOCIATED CIRCUITRY. PROVIDE NEW 208/2P/15 AMP BREAKER.
8. BATTERY CALCS ARE REQUIRED FOR THE ADDED DEVICES AND ADDITIONAL BATTERY CAPACITY IS REQUIRED IF CALCS INDICATE THAT IT IS NEEDED.



1 E2.5 **FIRST FLOOR POWER AND COMMUNICATION PLAN - STATION 6**
1/4" = 1'-0"



2 E2.5 **FIRST FLOOR LIGHTING PLAN - STATION #6**
1/4" = 1'-0"



ONE LINE DIAGRAM KIT

MOSELEYARCHITECTS
3200 NORFOLK STREET, RICHMOND, VA 23230
PHONE (804) 794-7555 FAX (804) 355-3680
MOSELEYARCHITECTS.COM

COMMONWEALTH OF VIRGINIA
BRIAN C. WELLS
Lic. No. 046269
5-30-14
PROFESSIONAL ENGINEER

KELLY DAY RENOVATIONS FS 6

563006
6950 Little Falls Rd, Arlington, VA 22213
Owner: Arlington County

PROJECT NO: 563006
DATE: SEPTEMBER 22, 2021

REVISIONS

DATE	DESCRIPTION

FIRST FLOOR LIGHTING, POWER,AND COMMUNICATION PLANS - FIRE STATION 6

E2.5

9/23/2021 10:49:58 AM