KNUD HANSEN DOH TOWER

B: 30% CONSTRUCTION DOCUMENTS

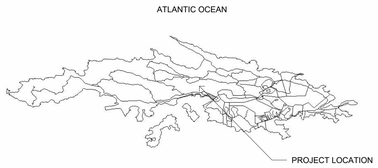
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

SECOND FLOOR UPFIT

ODR TASK ORDER #: 010-8-101472

PROJECT MAP

THE ISLAND OF ST. THOMAS



AGENCIES

Office of Disaster Recovery

Adrienne L. Williams-Octalien
DIRECTOR

V.I Public Finance Authority
Office of Disaster Recovery
14A & 14C Strand Street
Frederiksted, VI 00840

PHONE: (340) 202-1221
EMAIL: adrienne.williams@vi.gov

Department of Public Works

Derek Gabriel
COMMISSIONER

Jermaine McCleane, RA
DISTRICT ENGINEERING

8244 Subbase
St. Thomas, VI 00802

PHONE: (340) 776-4844
EMAIL: jermaine.mccleane@dpw.vi.gov

OWNER

Government of the United States, Virgin Islands

HONORABLE ALBERT BRYAN, JR.
GOVERNOR

HONORABLE TREGENZA A. ROACH, ESQ
LIEUTENANT GOVERNOR

Government House St. Thomas
5047 (21-22) Kongens Gade,
St. Thomas, VI 00802-6487

PHONE: (340) 774-0001
EMAIL: albert.bryan@go.vi.gov

Department of Health

Justa E. Encarnacion
COMMISSIONER

Reuben Molloy
ASSISTANT COMMISSIONER

4006 Estate Diamond
Christiansted, St. Croix, VI 00820

PHONE: (340) 774-0001
EMAIL: reuben.molloy@doh.vi.gov

ARCHITECT

Springline Architects, LLC

Jerry Traino, AIA
ARCHITECT OF RECORD

Gilbert Laban, RA
PRINCIPAL

9713 Estate Thomas
Building 1, Suite 200
St. Thomas, USVI 00802

PHONE: (321) 636-0274
EMAIL: gilbert@springlinearchitects.com
jerry.traino@novusarchitects.com

MEP/FP ENGINEER

TLC Engineering Solutions

Jim C. Mullen, PE, LEED AP
PRINCIPAL

Stephen Cotton, PE

7370 Cabot Court, Suite 103
Melbourne, FL 32940

PHONE: (321) 877-4260
EMAIL: jim.mullen@tlc-eng.com

SHEET INDEX

CR #	SHEET #	SHEET NAME
GENERAL		
	G000	COVER SHEET
	G001	SYMBOLS, LEGENDS, KEYNOTES, ABBREV & FINISH SELECTIONS
	G002	ACCESSIBILITY CLEARANCES
	G003	TYPICAL ACCESSIBILITY & SITE DETAILS
	G004	TYPICAL MOUNTING HEIGHTS
	G101	CODE ANALYSIS
	G102	LIFE SAFETY PLANS
	G201	WALL & PARTITION TYPES
	G202	UL DETAILS
ARCHITECTURAL		
	A101	LOWER FLOOR PLAN & RCP
	A111	MAIN FLOOR PLAN & RCP
	A121	2ND FLOOR PLANS
	A122	2ND FLOOR FF&E PLAN
	A301	SECTIONS
	A451	ENLARGED PLANS & INTERIOR ELEVATIONS
	A601	DOOR & WINDOW SCHEDULES
	A801	LOWER & MAIN FLOOR FINISH PLANS
	A802	2ND FLOOR RCP & FINISH PLAN
FIRE PROTECTION		
	FP001A	FIRE PROTECTION SYMBOLS & NOTES
	FP101A	FIRE PROTECTION FLOOR PLANS
PLUMBING		
	P001 A	PLUMBING SYMBOLS, LEGEND, NOTES AND INDEX
	P102 A	PLUMBING LOWER FLOOR PLAN
	P104 A	PLUMBING SECOND FLOOR PLAN
	P401	PLUMBING RISER DIAGRAM
MECHANICAL		
	M001	MECHANICAL SYMBOLS, LEGEND, NOTES AND INDEX
	M101	MECHANICAL PLAN
	M601	MECHANICAL DETAILS
	M701	MECHANICAL SCHEDULES
ELECTRICAL		
	E001	ELECTRICAL SYMBOLS, LEGEND, NOTES
	E002	ELECTRICAL GENERAL NOTES
	E101	POWER LOWER FLOOR PLAN
	E102	POWER MAIN FLOOR PLAN
	E103	POWER SECOND FLOOR PLAN
	E121	LIGHTING LOWER FLOOR RCP
	E122	LIGHTING MAIN FLOOR RCP
	E123	LIGHTING SECOND FLOOR RCP
	E601	ELECTRICAL ONE-LINE DIAGRAM
	E651	ELECTRICAL ENLARGED PLANS

springline architects — A NOVUS ARCHITECTS Company

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS

OFFICE OF DISASTER RECOVERY — U.S. VIRGIN ISLANDS

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS — DEPARTMENT OF HEALTH

IN PROGRESS DOCUMENTS
FOR INTERIM REVIEW ONLY.
NOT FOR REGULATORY APPROVAL,
PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Programming	10/15/2025
B	30% CDs	04/06/2026
C	60% CDs	
D	90% CDs	
E	100% CDs	

KNUD HANSEN DOH TOWER
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

COVER SHEET

REVISIONS:

No.	Description	Date

DRAWN BY: HK
CHECKED BY: JT
DATE: 04.06.2026

NOVUS JOB NUMBER
470-23-50
ODR TASK ORDER NUMBER
010-8-101472

SHEET NUMBER
G000

B: 30% CONSTRUCTION DOCUMENTS — NOT FOR CONSTRUCTION

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.

GENERAL LEGEND

REFER TO SHEET G001 AND G002 FOR DRAWING INDEX, KEYNOTES, AND GENERAL LEGEND SYMBOLS SUCH AS VIEW TAGS, WINDOW TAGS, DOOR TAGS, ROOM TAGS, WALL TAGS, AND PATTERNS.

WALL LEGEND

- NON-RATED SMOKE PARTITION
- 1 HOUR FIRE BARRIER
- 1 HOUR SMOKE BARRIER
- 2 HOUR FIRE BARRIER
- 2 HOUR SMOKE BARRIER
- TO CEILING +6"
- TO DECK ABOVE
- (ACOUSTIC / INSULATED) TO CEILING +6"
- (ACOUSTIC / INSULATED) TO DECK ABOVE

*SEE G201 FOR WALL TYPE INFORMATION

GENERAL SYMBOL LEGEND

- NEW WALL
- EXISTING WALL
- LINE OF OBJECT ABOVE
- NEW DOOR - SEE A601
- EXISTING DOOR
- FEC — FIRE EXTINGUISHER CABINET
- FE — FIRE EXTINGUISHER - WALL MOUNTED
- NEW PLUMBING FIXTURES - SEE PLUMBING
- EXISTING PLUMBING FIXTURES TO REMAIN
- NEW UPPER CASEWORK NEW CASEWORK
- NOT IN SCOPE

SITE SYMBOL LEGEND

- PLOT PROPERTY LINE
- SETBACK LINE
- SEWER LINE
- FENCE CHAINLINK LINE
- ELECTRIC LINE
- UNMARKED CORNER
- CONCRETE MONUMENT (FOUND)
- UTILITY POLE

REFERENCE SYMBOL LEGEND

BUILDING SECTION: DRAWING NUMBER (A1) / SHEET NUMBER (A101) WHERE SECTION IS DRAWN

ELEVATION: DRAWING NUMBER (A1) / SHEET NUMBER (A101) WHERE ELEVATION IS DRAWN

WALL SECTION: DRAWING NUMBER (A1) / SHEET NUMBER (A101) WHERE SECTION IS DRAWN

PLAN OR SECTION DETAIL: DRAWING NUMBER (A1) / SHEET NUMBER (A101) WHERE DETAIL IS DRAWN; DASHED LINE AROUND AREA DETAILED

CASEWORK AND DETAIL SECTION: DRAWING NUMBER (A1) / SHEET NUMBER (A101) WHERE SECTION IS DRAWN

LIFE SAFETY LEGEND

REFER TO ELECTRICAL FOR COMPLETE LIST

- FEC - FIRE EXTINGUISHER CABINET, SEMI-RECESSED
- EXIT SIGN
- DOOR PROVIDED W/ PANIC HARDWARE OR PUSH/PULL
- EXIT DOOR | CAP | LOAD | XX" CLEAR — CAP - EXIT CAPACITY; LOAD - ANTICIPATED LOAD; CLEAR - CLEAR EXIT DOOR WIDTH (INCHES)
- DIAGONAL OF BUILDING OR AREA
- DISTANCE BETWEEN EXIT DOORS
- EGRESS TRAVEL PATH
- ASSEMBLY A-3 USE
- BUSINESS B USE
- PARKING S-2 USE
- NOT IN SCOPE

CONSTRUCTION SYMBOL LEGEND

ROOM NAME AND NUMBER: LOBBY / 100 / 100 SF — ROOM NAME / ROOM NUMBER / ROOM AREA

DOOR TAG: 101A — ROOM WHERE DOOR IS LOCATED; DOOR ID - REFER TO DOOR SCHEDULE

STOREFRONT TAG: 1 — DRAWING NUMBER; SEE A610 FOR STOREFRONT ELEVATIONS

WALL OR PARTITION TAG: A1 — REFER TO G201 FOR PARTITION DETAILS

WINDOW TAG: A1 — REFER TO A603 FOR WINDOW ELEVATIONS

FINISH TAG: T-1 — REFER TO G003 FOR FINISH SELECTIONS

FURNITURE TAG: F1 — REFER TO FFE PLANS

SPECIAL EQUIPMENT TAG: CC1 / OC1 / OO1 — REFER TO FFE PLANS

ROOM NUMBERING KEY: LEVEL — 1000A — SUITE — ROOM NUMBER

GENERAL PATTERN LEGEND

THE MATERIAL HATCH PATTERN KEY IS PROVIDED FOR GENERAL GRAPHIC REFERENCE ONLY. REFER TO MATERIAL NOTES AND LEGENDS FOR ACTUAL MATERIAL DESIGNATIONS. HATCHES PROVIDED ON FINISH PLANS, RCP, OR ANY OTHER DRAWING HAVING ITS OWN KEYED NOTATION AND GRAPHICAL LEGEND WILL SUPERCEDE THIS KEY.

- EXISTING
- EARTH, COMPACT FILL
- GRAVEL
- CONCRETE-CAST IN PLACE
- CONCRETE -PRECAST
- BATT INSULATION
- RIGID INSULATION
- ACOUSTICAL CEILING TILE
- CONCRETE MANSORY
- FACE BRICK
- SAND, MORTAR, GYPSUM BOARD, PLASTER, STUCCO
- ALUMINUM
- FINISH WOOD
- PLYWOOD
- ROUGH WOOD
- WOOD BLOCKING

FINISH SYMBOL LEGEND

GENERAL

- NOT IN SCOPE OF WORK (UNLESS NOTED OTHERWISE)
- WEST WALL FINISH
- NORTH WALL FINISH
- FLOOR FINISH
- EAST WALL FINISH
- WALL BASE FINISH
- SOUTH WALL FINISH

WALLS

- ACCENT FINISH

FLOORING

- PORCELAIN TILE T
- CARPET CPT
- TEXTILE COMPOSITION TILE TCF
- LUXURY VINYL TILE LVT
- SEALED CONCRETE SC

ACOUSTIC WALL PANEL TYPES

- (ASL-1) ACOUSTIC SURFACE LINER PANEL, (SEE SPECS.)
- (PAT-1) PREFABRICATED ACOUSTICAL TREATMENT, (SEE SPECS.)

ABBREVIATIONS

AB	AIR BARRIER
AB	ANCHOR BOLT
ABV	ABOVE
ACT	ACOUSTICAL CEILING TILE
ADD	ADDITIONAL, ADDENDUM
ADJ	ADJUSTABLE, ADJACENT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHJ	AUTHORITY HAVING JURISDICTION
AHU	AIR HANDLING UNIT
ALT	ALTERNATE, ALTERNATIVE
ALUM	ALUMINUM
ANOD	ANODIZED
ARCH	ARCHITECTURAL, ARCHITECT
ATS	AUTOMATIC TRANSFER SWITCH
AVG	AVERAGE
B&S	BACKER ROD AND SEALANT
BAC	BUILDING AUTOMATION AND CONTROLS
BATTS	BATT INSULATION
BC	BACK OF CURB
BD	BOARD
BIT	BITUMINOUS
BLDG	BUILDING
BLKG	BLOCKING
BM	BEAM
BOD	BASIS OF DESIGN
BOS	BOTTOM OF STEEL
BOT	BOTTOM
BRG	BEARING
BRK	BRICK
BUR	BUILT-UP ROOFING
C/C	CENTER TO CENTER
CAB	CABINET
CC	CONTRACTOR PROVIDED / CONTRACTOR INSTALLED
CIP	CAST IN PLACE CONCRETE
CJ	CONTROL JOINT
CL	CENTERLINE
CLG	CEILING
CLKG	CAULKING
CLO	CLOSET
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT, CASED OPENING
COL	COLUMN
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS, CONTROL
CTR	CENTER
CW	COLD WATER
D	DEPTH
DBL	DOUBLE
DEMO	DEMOLISH, DEMOLITION
DET	DETAIL
DF	DRINKING FOUNTAIN
DHW	DOMESTIC HOT WATER
DIA	DIAMETER
DIM	DIMENSION
DIV	DIVISION, DIVIDE
DN	DOWN
DOAS	DEDICATED OUTDOOR AIR SYSTEM
DP	DRAIN PIPE, DAMPPROOF
DS	DOWNSPOUT
DWG	DRAWING
DWR	DRAWER
EA	EACH
EF	EACH FACE
EF	EXHAUST FAN
EFS	EXTERIOR FINISH SYSTEM
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM
EJ	EXPANSION JOINT
EL	EACH LAYER
ELEC	ELECTRIC SPACE, ELECTRICAL
ELEV	ELEVATOR, ELEVATION
EMER	EMERGENCY
ENCL	ENCLOSURE
ENG	ENGINEER, ENGINEERED
EP	ELECTRICAL PANEL
EPS	EXPANDED POLYSTYRENE INSULATION
EQ	EQUAL
EQUIP	EQUIPMENT
ES	EACH SIDE
ETR	EXISTING TO REMAIN
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
EXCAV	EXCAVATE
EXH	EXHAUST
EXIST	EXISTING
EXP	EXPANSION, EXPOSED
EXT	EXTERIOR
FA	FIRE ALARM
FAAP	FIRE ALARM ANNUCIATOR PANEL
FAB	FABRICATE
FACP	FIRE ALARM CONTROL PANEL
FC	FIBER CEMENT
FD	FLOOR DRAIN
FDC	FIRE DEPARTMENT CONNECTION
FDTN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISHED FLOOR, FACTORY FINISH
FF&E	FIXTURES, FURNISHINGS, & EQUIPMENT
FFE	FINISHED FLOOR ELEVATION
FIN	FINISH, FINISHED
FLR	FLOOR
FM	FIRE MARSHAL
FO	FINISHED OPENING
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOM	FACE OF MASONRY
FOS	FACE OF STUD
FRT	FIRE RETARDANT TREATED
FS	FLOOR SINK
FSTN	FASTEN, FASTENER
FT	FEET
FTG	FOOTING
FV	FIELD VERIFY (SEE ALSO: VIF)
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GEN	GENERATOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTED
GFI	GROUND FAULT INTERRUPTED
GL	GLAZING
GND	GROUND
GOVT	GOVERNMENT
GR	GUARD RAIL
GRD	GRADE
GRTG	GRATING
GT	GROUT
GVL	GRAVEL
GWB	GYPSUM WALL BOARD
GYP	GYPSUM
H	HIGH
HAZMAT	HAZARDOUS MATERIAL
HB	HOSE BIB
HC	HANDICAPPED ACCESSIBLE
HCWD	HOLLOW CORE WOOD
HDR	HEADER
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HR	HANDRAIL
HSS	HOLLOW STRUCTURAL SECTION
HT	HEIGHT
HVAC	HEATING VENTILATION AIR CONDITIONING
HW	HARDWARE
HWS	HOT WATER SUPPLY
ID	INTERIOR DIAMETER
IGU	INSULATED GLASS UNIT
INS	INSULATION
INSUL	INSULATION
INT	INTERIOR, INTERNAL
IR	IMPACT RESISTANT
JBOX	JUNCTION BOX
JF	JOINT FILLER
JS	JOINT SEALANT
JST	JOIST
JT	JOINT
KD	KNOCK-DOWN, KILN-DRIED
L	LENGTH, LEFT
LAV	LAVATORY
LH	LEFT HAND
LNDG	LANDING
LNTL	LINTEL
LOD	LIMITS OF DISTURBANCE
LP	LIGHTING PANEL
LSL	LAMINATED STRAND LUMBER
LTG	LIGHTING
LVL	LEVEL, LAMINATED VENEER LUMBER
LVR	LOUVER
MATL	MATERIAL
MAX	MAXIMUM
MDF	MEDIUM DENSITY FIBERBOARD
MECH	MECHANICAL
MED	MEDIUM
MEMB	MEMBRANE
MEZZ	MEZZANINE
MFR	MANUFACTURE, MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MOV	MOVABLE
MR	MOISTURE RESISTANT
MS	MOP SINK
MTD	MOUNTED
MTL	METAL
MUA	MAKE UP AIR
NIC	NOT IN CONTRACT
NIS	NOT IN SCOPE
NO	NUMBER
NOM	NOMINAL
NRC	NOISE REDUCTION COEFFICIENT
NTS	NOT TO SCALE
OA	OVERALL, OUTSIDE AIR
OC	ON CENTER
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OH	OVERHEAD
OP	OPERABLE
OPNG	OPENING
OPP	OPPOSITE, OPPOSITE HAND
ORD	OVERFLOW ROOF DRAIN
OSB	ORIENTED STRAND BOARD
PAF	POWDER ACTUATED FASTENER
PEMB	METAL BUILDING MANUFACTURER
PL	PLASTIC LAMINATE
PLBG	PLUMBING
PLTF	PLATFORM
PLYWD	PLYWOOD
PME	PLUMBING, MECHANICAL, AND ELECTRICAL
PNL	PANEL
POTW	POTABLE WATER
PR	PAIR
PREFAB	PREFABRICATED
PREFIN	PREFINISHED
PROP	PROPERTY LINE
PSL	PARALLEL STRAND LUMBER
PT	PAINT
PT	PRESSURE TREATED
PTD	PAINTED
PTN	PARTITION
PVC	POLYVINYL CHLORIDE
QTR	QUARTER
QTY	QUANTITY
R	RISER, RIGHT
R/I	ROUGH-IN
RA	RETURN AIR
RAD	RADIUS
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
RDL	ROOF DRAIN LEADER
REBAR	REINFORCING STEEL BAR
RECP	RECEPTACLE
REF	REFERENCE
REFURB	REFURBISH
REINF	REINFORCE REINFORCING REINFORCEMENT
REM	REMOVE, REMOVABLE
REQD	REQUIRED
RET	RETAINING, RETURN
REV	REVERSE, REVISION
RFG	ROOFING
RGH	ROUGH
RIG	RIGID
RM	ROOM
RND	ROUND
RO	ROUGH OPENING
ROW	RIGHT OF WAY
RS	ROUGH SAWN
RTD	RATED
SA	SELF-ADHERED, SUPPLY AIR
SAN	SANITARY
SB	SPLASH BLOCK
SBS	STYRENE-BUTADIENE-STYRENE INSULATION
SCH, SCHED	SCHEDULE
SCR	SCREEN
SCUP	SCUPPER
SCWD	SOLID CORE WOOD
SECT	SECTION
SF	SQUARE FOOT / SQUARE FEET
	STOREFRONT
SFGL	SAFETY GLASS
SHT	SHEET
SHTG	SHEATHING
SHWR	SHOWER
SIM	SIMILAR
SIP	STRUCTURAL INSULATED PANEL
SK	SINK
SLC	SELF-LEVELING COMPOUND
SM	SHEET METAL
SNT	SEALANT
SOG	SLAB ON GRADE
SP	STAND PIPE, SOUNDPROOF
SPEC	SPECIFICATION, SPECIFIED
SPRNK	SPRINKLER
SQ	SQUARE
SS	STAINLESS STEEL STANDING SEAM SOLID SURFACE
SSK	SERVICE SINK
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STL	STEEL
STN	STATION
STR	STAIR
STRUCT	STRUCTURAL
SUSP	SUSPEND, SUSPENDED
SW	STORM WATER, SHEAR WALL
SYP	SOUTHERN YELLOW PINE
T	TREAD
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TD	TRENCH DRAIN
TEMP	TEMPERATURE, TEMPORARY
TGL	TEMPERED GLASS
THK	THICK
TLT	TOILET
TME	TO MATCH EXISTING
TOC	TOP OF CURB
TOS	TOP OF SLAB, TOP OF STEEL
TOW	TOP OF WALL
TP	TOP OF PAVEMENT
TPTN	TOILET PARTITION
TRANS	TRANSFORMER
TRTD	TREATED
TSTAT	THERMOSTAT
TWF	THRU WALL FLASHING
TYP	TYPICAL
UNFIN	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
UR	URINAL
VAV	VARIABLE AIR VOLUME
VB	VAPOR BARRIER
VERT	VERTICAL
VIF	VERIFY IN FIELD (SEE ALSO: FV)
VP	VENT PIPE
VR	VAPOR RETARDER
VRF	VARIABLE REFRIGERANT FLOW
VTR	VENT THROUGH ROOF
W	WIDE, WIDTH
W/	WITH
W/O	WITHOUT
WC	WATER CLOSET
WD	WOOD
WG	WIRE GLASS
WH	WATER HEATER, WALL HYDRANT
WIN	WINDOW
WS	WEATHER STRIPPING
WWM	WELDED WIRE MESH (FABRIC)
XPS	EXTRUDED POLYSTYRENE INSULATION

KEYNOTES - OVERALL NEW WORK

#	DESCRIPTION
	200 - ROOF & EXTERIOR
216	ROOF-MOUNTED MECHANICAL DOG HOUSE AT EXHAUST FAN
	300 - INTERIOR CONSTRUCTION & MILLWORK
303	RIGID INSULATION, METAL STUD, AND GYPSUM ASSEMBLY AT ALL EXTERIOR WALLS
306	BULLETPROOF TRANSACTION WINDOW WITH SOLID SURFACE COUNTER - SEE MILLWORK DETAILS
307	PLASTIC LAMINATE CABINETRY AND SOLID SURFACE COUNTERTOP - REFER TO MILLWORK DRAWINGS
	400 - FFE
403	PROVIDE SELF CHECK-IN KIOSK - REFER TO FF&E PLAN
414	HIGH DENSITY STORAGE SYSTEM - SEE SPECIFICATIONS
	500 - VERTICAL CIRCULATION
509	STEEL PAN STAIRS WITH CONCRETE TREADS
510	ELEVATOR - SEE SPECIFICATIONS - 3500# STRETCHER COMPLIANT (7'-0" X 8'-9") CLEAR REQD GC TO CONFIRM ALL SHAFT DIMENSION REQUIREMENTS AND OTHER CONSTRUCTION REQUIREMENTS WITH MANUFACTURER. PER BASIS OF DESIGN MFR (KONE MONOSPACE 300)
	600 - COORDINATION
608	SLOPE FLOOR TO DRAIN 1/8" / 12" - SEE PLUMBING/CIVIL
610	MECHANICAL DUCTS IN MECHANICAL SHAFT, SEE MECHANICAL DRAWINGS
615	DRINKING FOUNTAIN - SEE PLUMBING
	700 - RCP
701	DECORATIVE ACOUSTIC CEILING
702	SPECIALTY LIGHTING
706	CEILING PLENUM ACCESS DOOR, SEE SPECS (FINAL LOCATION TO BE COORD W OWNER)
715	ACOUSTIC CEILING TILES
	800 - FINISHES
812	OPERABLE INTERIOR WINDOW SHADE
813	SOLID SURFACE WINDOW SILL

FINISH SELECTIONS - OVERALL

MARK	MATERIAL TYPE	PRODUCT DESCRIPTION	INSTALLATION	COMMENTS	REP CONTACT
INTERIOR					
ACT-1	ACOUSTICAL CEILING TILE; 24" x 24"	USG: RADAR CLIMAPLUS #2410; COLOR: WHITE		GRID: USG; DONN DX.DXL; FLAT WHITE #50	
C-1	SEALED CONCRETE				
CG-1	CORNER GUARD 90 DEGREE	CS ACROVYN; SM-20N; COLOR: TBD		SEE DETAIL C1/ A700, 4' HIGH	
CPT-1	CARPET TILES	INTERFACE; STYLE: TBD; ASHLAR INSTALLATION		OFFICES	
LVT-1	LUXURY VINYL TILE	SHAW CONTRACT; TERRAIN II; COLOR TBD	ASHLAR		
LVT-2	LUXURY VINYL TILE	MANNINGTON; TBD	TBD		
P-1	GENERAL WALL PAINT	SHERWIN WILLIAMS; TBD ; EGGSHELL		GENERAL WALL PAINT	
P-2	TRIM AND DOOR PAINT	SHERWIN WILLIAMS; TBD		HM DOORS AND FRAMES - SEMI GLOSS	
P-4	ACCENT PAINT	SHERWIN WILLIAMS, TBD; EGGSHELL			
P-5	CEILING PAINT	SHERWIN WILLIAMS, SW 7007 CEILING BRIGHT WHITE			
PL-1	PLASTIC LAMINATE	WILSONART			
RVS-1	WALL PROTECTION	ACROVYN; RIGID VINYL SHEET 4000; COLOR TBD			BRIAN FOSTER; bfoster@specpro.us
SC-1	STAINED CONCRETE				
SS-1	CORIAN	CORIAN, COLOR: TBD		COUNTERS AND WINDOW SILLS	
T-1	PORCELAIN TILE 12x24	DALTILE; VIRTUO; COMPOSER VR11; 12"X24"		TOILET ROOM FLOORS AND WALLS	COURTNEY HAMPTON; COURTNEY.HAMPTON@DALTILE.COM
T-2	QUARRY TILE	DALTILE QUARRY TILE; COLOR: ARID FLASH, SIZE: 6"X6"		KITCHEN AND PANTRY TILE	
TB-1	TILE BASE 6"	DALTILE; VIRTUO; COMPOSER VR11; 6" H COVE BASE		TOILET ROOMS @ GYP. BD. WALLS	COURTNEY HAMPTON; COURTNEY.HAMPTON@DALTILE.COM
TB-2	TILE BASE 5 x 6	DALTILE; DALTILE QUARRY TILE BASE, COLOR: ARID FLASH; 5 x 6" ROUND TOP COVE BASE			COURTNEY HAMPTON; COURTNEY.HAMPTON@DALTILE.COM
TCF-1	TEXTILE COMPOSITION FLOORING (KINETEX)	J+J FLOORING; STYLE: TBD; ASHLAR INSTALLATION			
WB-1	WALL BASE 4"	TARKETT; JOHNSONITE; 4" HIGH MILLWORK BASE, COLOR- TBD			
WF-1	WALK-OFF CARPET TILE, 24"x24"	J+J FLOORING; SERIES: STYLE: INCOGNITO; COLOR:TBD	QUARTER-TURN INSTALLATION		

CEILING SYMBOL LEGEND

- 2' x 2' ACOUSTICAL CEILING TILE ACT-1
- GYPSUM BOARD CEILING GYB-1 - PAINT, TYP
- METAL PANEL CEILING SYSTEM MCP-1
- METAL PANEL CEILING SYSTEM MCP-2
- EXTERIOR SOFFIT XXX - PAINT, TYP
- EXTERIOR METAL PANEL CEILING SYSTEM MCP-3
- PENDANT LIGHT FIXTURE - SEE ELECTRICAL
- DECORATIVE ACOUSTIC CEILING TILE
- EXTERIOR CEILING MOUNTED SPECIALTY LIGHT FIXTURE
- RETURN LINEAR GRILLE, - SEE MECHANICAL
- 10'-0" — CEILING HEIGHT 10'-0" UNLESS OTHERWISE NOTED
- SUPPLY LINEAR GRILLE - SEE MECHANICAL
- EXHAUST GRILLE - SEE MECHANICAL
- RETURN GRILLE - SEE MECHANICAL
- SUPPLY GRILLE - SEE MECHANICAL
- ACCESS DOOR 1'-8" X 1'-8" - SEE SPECS.
- SMOKE DETECTOR HARDWIRED INTO PANEL BOX W/ BATTERY BACKUP
- RECESSED CAN LIGHT FIXTURE - SEE ELECTRICAL
- EXTERIOR WALL MOUNTED SCONCE FIXTURE - SEE ELECTRICAL
- 2x2 DIRECT/ INDIRECT LAY-IN FIXTURE - SEE ELECTRICAL
- 1X1 SURFACE MOUNTED FIXTURE - SEE ELECTRICAL
- WALL MOUNTED FIXTURE - SEE ELECTRICAL
- 4"X48" CEILING PENDANT FIXTURE - SEE ELECTRICAL
- EXTERIOR CEILING MOUNTED LIGHT FIXTURE - SEE ELECTRICAL

springline architects — A NOVUS ARCHITECTS Company

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS

OFFICE OF DISASTER RECOVERY — U.S. VIRGIN ISLANDS

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS — DEPARTMENT OF HEALTH

IN PROGRESS DOCUMENTS FOR INTERIM REVIEW ONLY. NOT FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Programming	10/15/2025
B	30% CDs	04/06/2026
C	60% CDs	
D	90% CDs	
E	100% CDs	

KNUD HANSEN DOH TOWER
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

SYMBOLS, LEGENDS, KEYNOTES, ABBREV & FINISH SELECTIONS

REVISIONS:

No.	Description	Date

DRAWN BY: HK
CHECKED BY: JT
DATE: 04.06.2026

NOVUS JOB NUMBER 470-23-50
ODR TASK ORDER NUMBER 010-8-101472

SHEET NUMBER G001

B: 30% CONSTRUCTION DOCUMENTS — NOT FOR CONSTRUCTION

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.

TYPICAL DOOR CLEARANCES

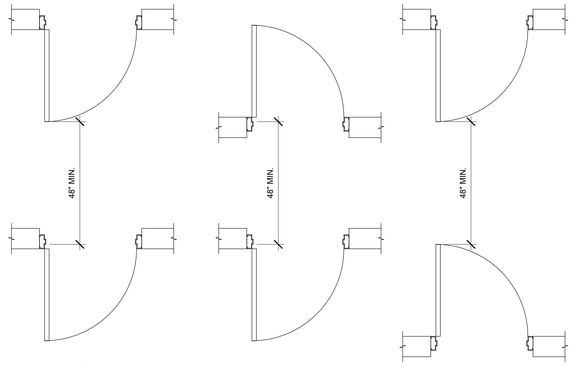
GENERAL NOTES:

1. MANUAL DOORS, DOORWAYS, AND MANUAL GATES
   - 1.1. REVOLVING DOORS, GATES, AND TURNSTILES. REVOLVING DOORS, REVOLVING GATES, AND TURNSTILES SHALL NOT BE PART OF AN ACCESSIBLE ROUTE.
   - 1.2. DOUBLE-LEAF DOORS AND GATES. AT LEAST ONE OF THE ACTIVE LEAVES OF DOORWAYS WITH TWO LEAVES SHALL COMPLY WITH 1.3 AND 1.4 BELOW.
   - 1.3. CLEAR WIDTH. DOOR OPENINGS SHALL PROVIDE A CLEAR WIDTH OF 32 INCHES (815 mm) MINIMUM. CLEAR OPENINGS OF DOORWAYS WITH SWINGING DOORS SHALL BE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 DEGREES. OPENINGS MORE THAN 24 INCHES (610 mm) DEEP SHALL PROVIDE A CLEAR OPENING OF 36 INCHES (915 mm) MINIMUM. THERE SHALL BE NO PROJECTIONS INTO THE REQUIRED CLEAR OPENING WIDTH LOWER THAN 34 INCHES (865 mm) ABOVE THE FINISH FLOOR OR GROUND. PROJECTIONS INTO THE CLEAR OPENING WIDTH BETWEEN 34 INCHES (865 mm) AND 80 INCHES (2030 mm) ABOVE THE FINISH FLOOR OR GROUND SHALL NOT EXCEED 4 INCHES (100 mm). EXCEPTIONS: 1. IN ALTERATIONS, A PROJECTION OF 5/8 INCH (16 mm) MAXIMUM INTO THE REQUIRED CLEAR WIDTH SHALL BE PERMITTED FOR THE LATCH SIDE STOP. 2. DOOR CLOSERS AND DOOR STOPS SHALL BE PERMITTED TO BE 78 INCHES (1980 mm) MINIMUM ABOVE THE FINISH FLOOR OR GROUND.
   - 1.4. MANEUVERING CLEARANCES. MANEUVERING CLEARANCES SHALL EXTEND THE FULL WIDTH OF THE DOORWAY AND THE REQUIRED LATCH SIDE OR HINGE SIDE CLEARANCE. EXCEPTION: ENTRY DOORS TO HOSPITAL PATIENT ROOMS SHALL NOT BE REQUIRED TO PROVIDE THE CLEARANCE BEYOND THE LATCH SIDE OF THE DOOR.
   - 1.5. SWINGING DOORS AND GATES. SWINGING DOORS AND GATES SHALL HAVE MANEUVERING CLEARANCES COMPLYING WITH THE TABLE BELOW.
2. FLOOR OR GROUND SURFACES.
   - 2.1. FLOOR OR GROUND SURFACES WITHIN REQUIRED MANEUVERING CLEARANCES SHALL BE STABLE, FIRM, AND SLIP RESISTANT. EXCEPTIONS: 1. SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED. 2. CHANGES IN LEVEL AT THRESHOLDS COMPLYING WITH 2.2 BELOW.
   - 2.2. THRESHOLDS. THRESHOLDS, IF PROVIDED AT DOORWAYS, SHALL BE 1/2 INCH (13 mm) HIGH MAXIMUM. RAISED THRESHOLDS AND CHANGES IN LEVEL AT DOORWAYS SHALL COMPLY WITH 2.1 ABOVE AND LEVEL CHANGE REQUIREMENTS.

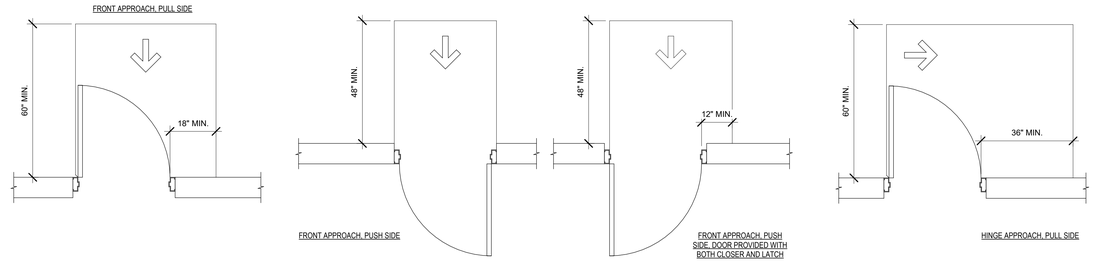
TABLE: MANEUVERING CLEARANCES AT MANUAL SWINGING DOORS AND GATES

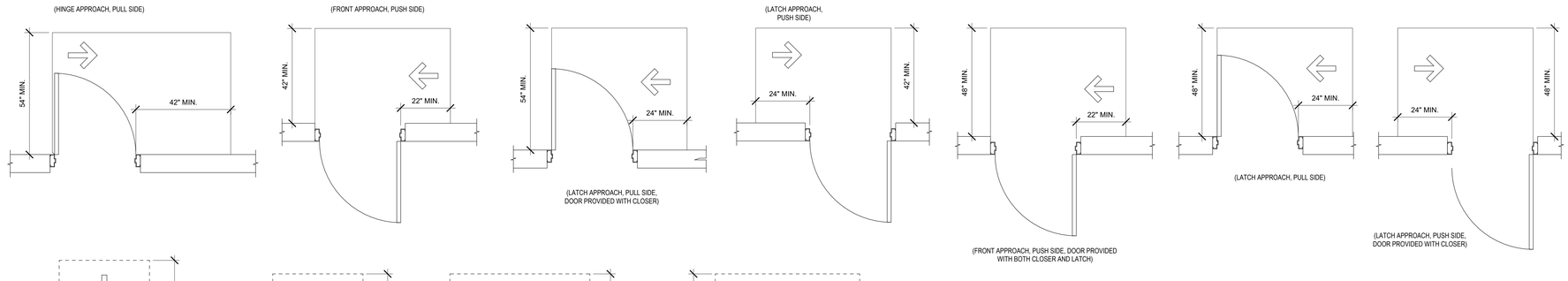
TYPE OF USE		MINIMUM MANEUVERING CLEARANCE	
APPROACH DIRECTION	DOOR OR GATE SIDE	PERPENDICULAR TO DOORWAY	PARALLEL TO DOORWAY (BEYOND LATCH SIDE UNLESS NOTED)
FROM FRONT	PULL	60 INCHES (1525 mm)	18 INCHES (455 mm)
FROM FRONT	PUSH	48 INCHES (1220 mm)	0 INCHES (0mm)[1]
FROM HINGE SIDE	PULL	60 INCHES (1525 mm)	36 INCHES (905 mm)
FROM HINGE SIDE	PULL	54 INCHES (1370 mm)	42 INCHES (1065 mm)
FROM HINGE SIDE	PUSH	42 INCHES (1065 mm)[2]	22 INCHES (560 mm) [3]
FROM LATCH SIDE	PULL	48 INCHES (1220 mm) [4]	24 INCHES (610 mm)
FROM LATCH SIDE	PUSH	42 INCHES (1065 mm) [4]	24 INCHES (610 mm)

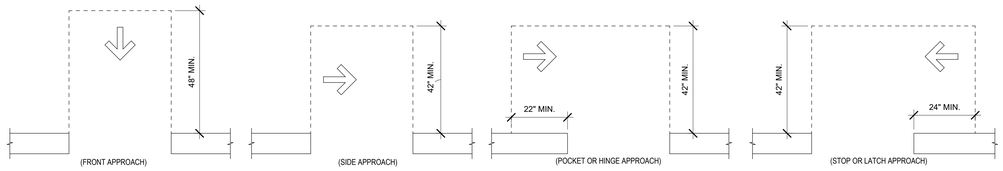
1. ADD 12 INCHES (305 mm) IF CLOSER AND LATCH ARE PROVIDED.
2. ADD 6 INCHES (150 mm) IF CLOSER AND LATCH ARE PROVIDED.
3. BEYOND HINGE SIDE.
4. ADD 6 INCHES (150 mm) IF CLOSER IS PROVIDED.



NOTES:
1. DOORS IN SERIES AND GATES IN SERIES. THE DISTANCE BETWEEN TWO HINGED OR PIVOTED DOORS IN SERIES AND GATES IN SERIES SHALL BE 48 INCHES (1220 mm) MINIMUM PLUS THE WIDTH OF DOORS OR GATES SWINGING INTO THE SPACE.
2. FLOOR OR GROUND SURFACES.
   - 2.1. FLOOR OR GROUND SURFACES WITHIN REQUIRED MANEUVERING CLEARANCES SHALL BE STABLE, FIRM, AND SLIP RESISTANT. EXCEPTIONS: 1. SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED. 2. CHANGES IN LEVEL AT THRESHOLDS COMPLYING WITH 2.2 BELOW.
   - 2.2. THRESHOLDS. THRESHOLDS, IF PROVIDED AT DOORWAYS, SHALL BE 1/2 INCH (13 mm) HIGH MAXIMUM. RAISED THRESHOLDS AND CHANGES IN LEVEL AT DOORWAYS SHALL COMPLY WITH 2.1 ABOVE AND LEVEL CHANGE REQUIREMENTS.







NOTES:
1. DOORWAYS WITHOUT DOORS OR GATES, SLIDING DOORS, AND FOLDING DOORS. DOORWAYS LESS THAN 36 INCHES (915 mm) WIDE WITHOUT DOORS OR GATES, SLIDING DOORS, OR FOLDING DOORS SHALL HAVE MANEUVERING CLEARANCES COMPLYING WITH TABLE BELOW.

	MINIMUM MANEUVERING CLEARANCE	
APPROACH DIRECTION	PERPENDICULAR TO DOORWAY	PARALLEL TO DOORWAY (BEYOND LATCH SIDE UNLESS NOTED)
FROM FRONT	48 INCHES (1220 mm)	0 INCHES (0mm)
FROM SIDE[1]	42 INCHES (1065 mm)	0 INCHES (0mm)
FROM POCKET/HINGE SIDE	42 INCHES (1065 mm)	22 INCHES (560 mm)[2]
FROM STOP/LATCH SIDE	42 INCHES (1065 mm)	24 INCHES (610 mm)

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.

springline architects — A NOVUS ARCHITECTS Company

INPROGRESS DOCUMENTS FOR INTERIM REVIEW ONLY. NOT FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Programming	10/15/2025
B	30% CDs	04/06/2026
C	60% CDs	
D	90% CDs	
E	100% CDs	

KNUD HANSEN DOH TOWER
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

ACCESSIBILITY CLEARANCES

NOT FOR CONSTRUCTION

REVISIONS:

No.	Description	Date

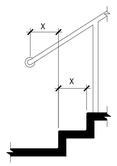
DRAWN BY: Author
CHECKED BY: JT
DATE: 04.06.2026

NOVUS JOB NUMBER
470-23-50
ODR TASK ORDER NUMBER
010-8-101472

SHEET NUMBER
G002

B: 30% CONSTRUCTION DOCUMENTS

GENERAL SITE AND BUILDING ELEMENTS



NOTE: X = TREAD DEPTH

FIG 505.10.3 BOTTOM HANDRAIL EXTENSION AT STAIRS

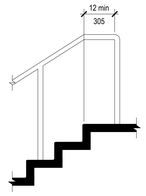


FIG 505.10.2 TOP HANDRAIL EXTENSION AT STAIRS

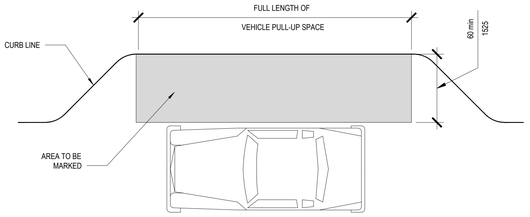


FIG 503.3
PASSENGER LOADING ZONE ACCESS AISLE

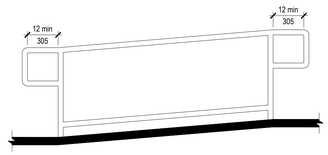


FIG 505.10.1 TOP & BOTTOM HANDRAIL EXTENSION AT RAMP

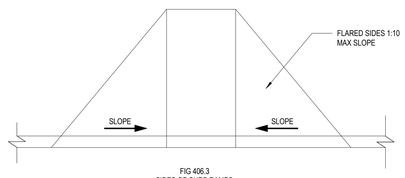


FIG 406.3
SIDES OF CURB RAMPS

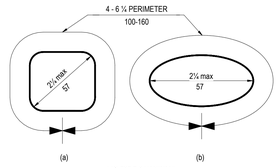


FIG 505.7.2 HANDRAIL
NON-CIRCULAR CROSS SECTION

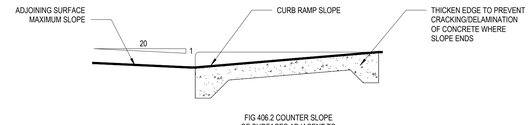


FIG 406.2 COUNTER SLOPE
OF SURFACES ADJACENT TO
CURB RAMPS

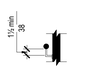


FIG 505.6 HORIZONTAL PROJECTIONS
BELOW GRIPPING SURFACE

FIG 505.5
HANDRAIL CLEARANCE

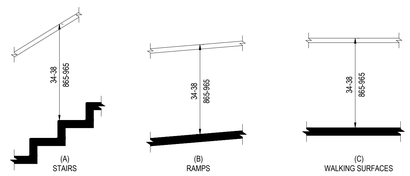


FIG 505.4
HANDRAIL HEIGHT

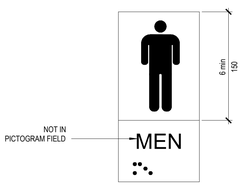
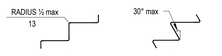
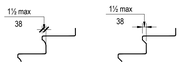


FIG 703.6
PICTOGRAM FIELD



RADIUS OF TREAD EDGE
(TYPICAL FOR ALL PROFILES)

ANGLED RISER



CURVED NOSING

BEVELED NOSING

FIG 504.5
STAIR NOSING

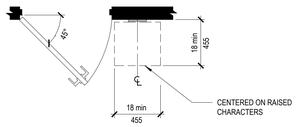
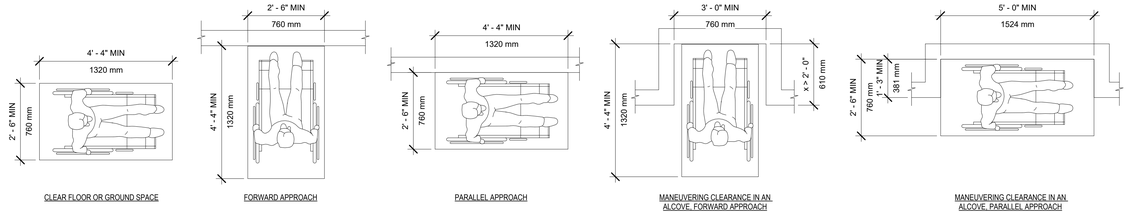


FIG 703.4.2 LOCATION OF
TACTILE SIGNS AT DOORS

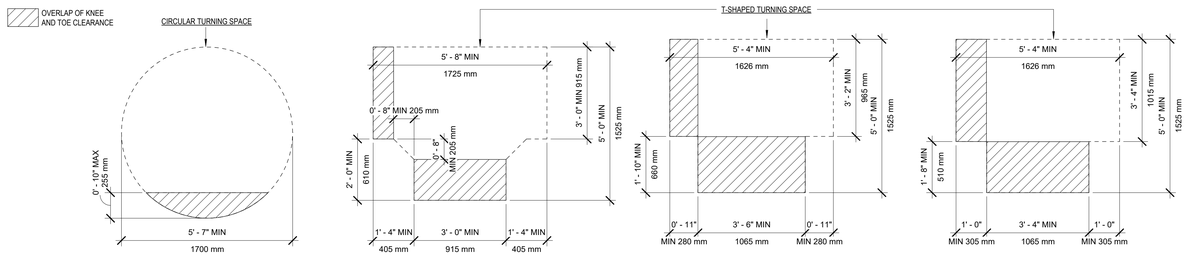
A1 GENERAL SITE AND BUILDING ELEMENTS
G003 NOT TO SCALE

TYPICAL CLEARANCES - ACCESSIBILITY



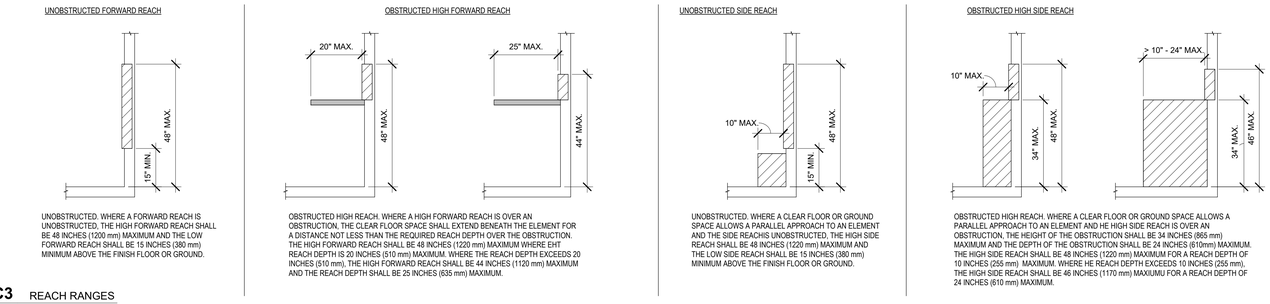
E3 CLEAR FLOOR SPACES
G003 1/2" = 1'-0"

GENERAL. FLOOR OR GROUND SURFACES OF TURNING SPACE SHALL COMPLY WITH FLOOR AND GROUND SURFACES OF THE ADA STANDARDS FOR ACCESSIBLE DESIGN. CHANGES IN LEVEL ARE NOT PERMITTED.



D3 TURNING SPACES
G003 1/2" = 1'-0"

GENERAL. FLOOR OR GROUND SURFACES OF TURNING SPACE SHALL COMPLY WITH FLOOR AND GROUND SURFACES OF THE ADA STANDARDS FOR ACCESSIBLE DESIGN. CHANGES IN LEVEL ARE NOT PERMITTED.



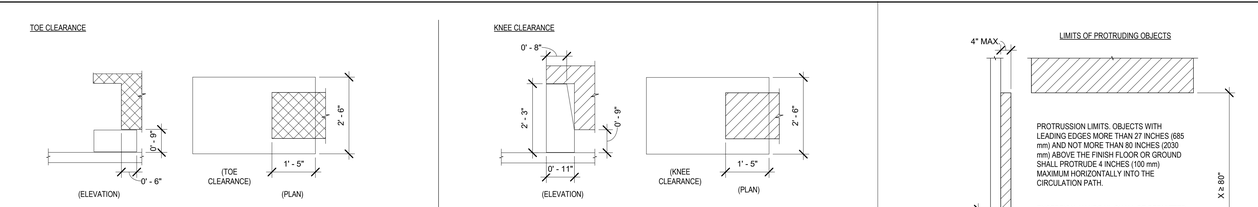
UNOBSTRUCTED. WHERE A FORWARD REACH IS UNOBSTRUCTED, THE HIGH FORWARD REACH SHALL BE 48 INCHES (1200 mm) MAXIMUM AND THE LOW FORWARD REACH SHALL BE 15 INCHES (380 mm) MINIMUM ABOVE THE FINISH FLOOR OR GROUND.

OBSTRUCTED HIGH REACH. WHERE A HIGH FORWARD REACH IS OVER AN OBSTRUCTION, THE CLEAR FLOOR SPACE SHALL EXTEND BENEATH THE ELEMENT FOR A DISTANCE NOT LESS THAN THE REQUIRED REACH DEPTH OVER THE OBSTRUCTION. THE HIGH FORWARD REACH SHALL BE 48 INCHES (1220 mm) MAXIMUM WHERE EHT REACH DEPTH IS 20 INCHES (510 mm) MAXIMUM. WHERE THE REACH DEPTH EXCEEDS 20 INCHES (510 mm), THE HIGH FORWARD REACH SHALL BE 44 INCHES (1120 mm) MAXIMUM AND THE REACH DEPTH SHALL BE 25 INCHES (635 mm) MAXIMUM.

UNOBSTRUCTED. WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE SIDE REACHIS UNOBSTRUCTED, THE HIGH SIDE REACH SHALL BE 48 INCHES (1220 mm) MAXIMUM AND MINIMUM ABOVE THE FINISH FLOOR OR GROUND.

OBSTRUCTED HIGH REACH. WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND HE HIGH SIDE REACH IS OVER AN OBSTRUCTION, THE HEIGHT OF THE OBSTRUCTION SHALL BE 34 INCHES (865 mm) MAXIMUM AND THE DEPTH OF THE OBSTRUCTION SHALL BE 24 INCHES (610mm) MAXIMUM. THE HIGH SIDE REACH SHALL BE 48 INCHES (1220 mm) MAXIMUM FOR A REACH DEPTH OF 10 INCHES (255 mm) MAXIMUM. WHERE HE REACH DEPTH EXCEEDS 10 INCHES (255 mm), THE HIGH SIDE REACH SHALL BE 46 INCHES (1170 mm) MAXIUMU FOR A REACH DEPTH OF 24 INCHES (610 mm) MAXIMUM.

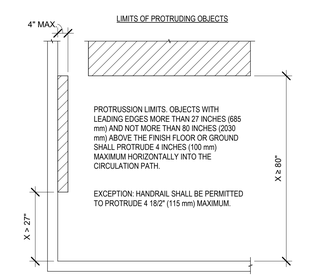
C3 REACH RANGES
G003 1/2" = 1'-0"



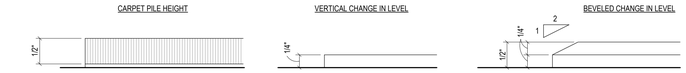
NOTES:
1. SPACE UNDER AN ELEMENT BETWEEN THE FINISH FLOOR OR GROUND AND 9 INCHES (230 mm) ABOVE THE FINISH FLOOR OR GROUND SHALL BE CONSIDERED TOE CLEARANCE.
2. TOE CLEARANCE SHALL EXTEND 25 INCHES (635 mm) MAXIMUM UNDER AN ELEMENT.
3. WHERE TOE CLEARANCE IS REQUIRED AT AN ELEMENT AS PART OF A CLEAR FLOOR SPACE, THE TOE CLEARANCE SHALL EXTEND 17 INCHES (430 mm) UNDER THE ELEMENT.
4. SPACE EXTENDING GREATER THAN 6 INCHES (150 mm) BEYOND THE AVAILABLE KNEE CLEARANCE AT 9 INCHES (230 mm) ABOVE THE FINISH FLOOR OR GROUND SHALL NOT BE CONSIDERED TOE CLEARANCE.
5. TOE CLEARANCE SHALL BE 30 INCHES (760 mm) WIDE MINIMUM.

B3 KNEE AND TOE CLEARANCES
G003 NOT TO SCALE

NOTES:
1. SPACE UNDER AN ELEMENT BETWEEN 9 INCHES (230mm) AND 27 INCHES (685mm) ABOVE THE FINISH FLOOR OR GROUND SHALL BE CONSIDERED KNEE CLEARANCE.
2. KNEE CLEARANCE SHALL EXTEND 25 INCHES (635mm) MAXIMUM UNDER AN ELEMENT AT 9 INCHES (230mm) ABOVE THE FINISH FLOOR OR GROUND.
3. WHERE KNEE CLEARANCE IS REQUIRED UNDER AN ELEMENT AS PART OF A CLEAR FLOOR SPACE, THE KNEE CLEARANCE SHALL BE 11 INCHES (280mm) DEEP MINIMUM AT 9 INCHES (230mm) ABOVE THE FINISH FLOOR OR GROUND, AND 8 INCHES (205mm) DEEP MINIMUM AT 27 INCHES (685mm) ABOVE FINISH FLOOR OR GROUND.
4. BETWEEN 9 INCHES (230mm) AND 27 INCHES (685mm) ABOVE THE FINISH FLOOR OR GROUND, THE KNEE CLEARANCE SHALL BE PERMITTED TO REDUCE AT A RATE OF 1 INCH (25mm) IN DEPTH FOR EACH 6 INCHES (150mm) IN HEIGHT.



B5 PROTRUDING OBJECTS
G003 NOT TO SCALE



CARPET. CARPET OR CARPET TILE SHALL BE SECURELY ATTACHED AND SHALL HAVE A FIRM CUSHION, PAD, OR BACKING OR NOT CUSHION OR PAD. CARPET OR CARPET TILE SHALL HAVE A LEVEL LOOP, TEXTURED LOOP, LEVEL CUT PILE, OR LEVEL CUT/UNCUT PILE TEXTURE. PILE HEIGHT SHALL BE 1/2 INCH (13 mm) MAXIMUM. EXPOSED EDGES OF CARPET SHALL BE FASTENED TO FLOOR SURFACES AND SHALL HAVE TRIM ON THE ENTIRE LENGTH OF THE EXPOSED EDGE. CARPET EDGE TRIM SHALL COMPLY WITH CHANGES IN LEVEL.

VERTICAL: CHANGES IN LEVEL OF 1/4 INCH. (6.4 mm) HIGH MAXIMUM SHALL BE PERMITTED TO BE VERTICAL.

BEVELED: CHANGES IN LEVEL BETWEEN 1/4 INCH (6.4mm) HIGH MINIMUM AND 1/2 INCH (13mm) HIGH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2.

GENERAL. FLOOR AND GROUND SURFACES SHALL BE STABLE, FIRM, AN DSLIP RESISTANT.

1 FLOOR AND GROUND SURFACES
G003 NOT TO SCALE

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.

springline architects — A NOVUS ARCHITECTS Company

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS

OFFICE OF DISASTER RECOVERY U.S. VIRGIN ISLANDS

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS DEPARTMENT OF HEALTH

IN PROGRESS DOCUMENTS FOR INTERIM REVIEW ONLY. NOT FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Programming	10/15/2025
B	30% CDs	04/06/2026
C	60% CDs	
D	90% CDs	
E	100% CDs	

KNUD HANSEN DOH TOWER
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

TYPICAL ACCESSIBILITY & SITE DETAILS

REVISIONS:

No.	Description	Date

DRAWN BY: Author
CHECKED BY: JT
DATE: 04.06.2026

NOVUS JOB NUMBER
470-23-50
ODR TASK ORDER NUMBER
010-8-101472

SHEET NUMBER
G003

NOT FOR CONSTRUCTION

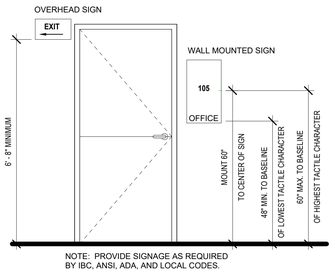
B: 30% CONSTRUCTION DOCUMENTS

SIGNAGE

4.30.6 MOUNTING LOCATION AND HEIGHT. WHERE PERMANENT IDENTIFICATION IS PROVIDED ROOMS AND SPACES, SIGNS SHALL BE INSTALLED ON WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE TO LATCH THE SIDE OF THE DOOR, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL. MOUNTING HEIGHT SHALL BE 60" (1525MM) ABOVE THE FINISH FLOOR TO THE CENTERLINE OF THE SIGN. WITHIN 3" (76MM) OF THE SIGN WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE DOORSWING.

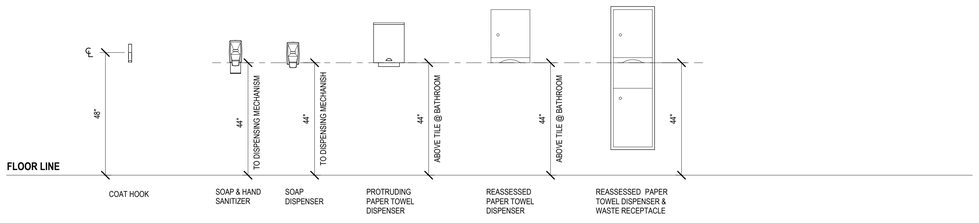
4.4.2 HEAD ROOM. WALKS, HALLS, CORRIDORS, PASSAGEWAYS, AISLES, OR OTHER CIRCULATION SPACES SHALL HAVE 80" (2030 MM) MINIMUM CLEAR HEAD ROOM. IF VERTICAL CLEARANCE OF AN AREA ADJOINING AN ACCESSIBLE ROUTE IS REDUCED TO LESS THAN 80" A BARRIER TO WARN THE BLIND OR VISUALLY IMPAIRED PERSONS SHALL BE PROVIDED.

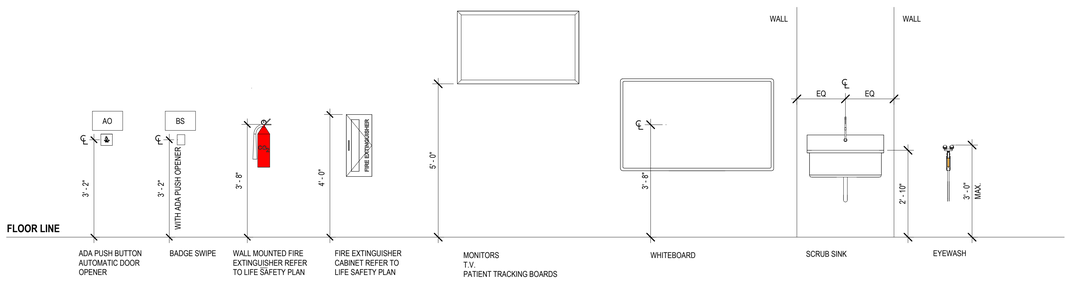
HEIGHT ABOVE FINISH FLOOR	MINIMUM CHARACTER HEIGHT
SUSPENDED OR PROJECTED OVERHEAD IN COMPLIANCE WITH 4.4.2. 60"; MOUNTED ON WALL ADJACENT TO LATCH SIDE OF THE DOOR, CENTERLINE OF THE SIGN.	MINIMUM OF 3"

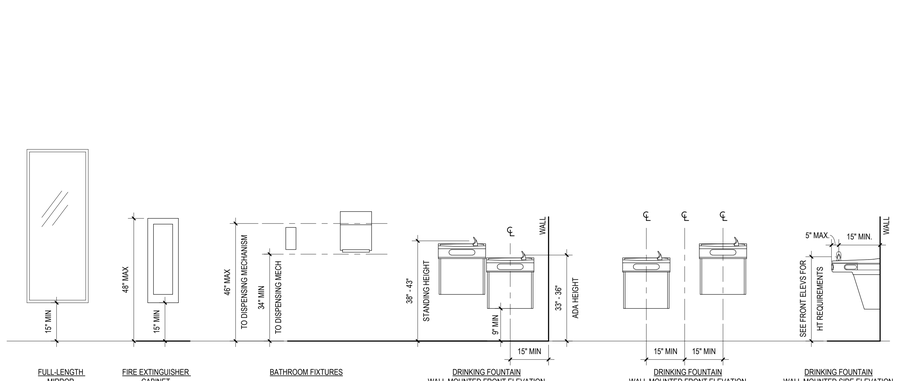


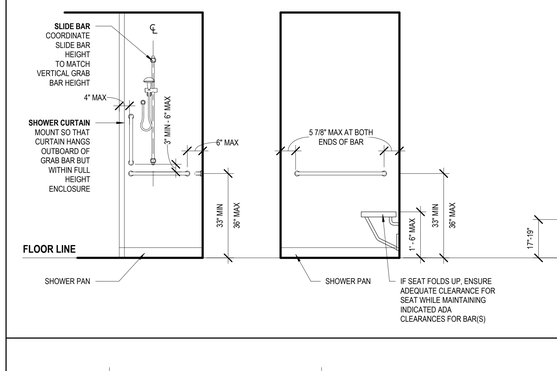
NOTE: PROVIDE SIGNAGE AS REQUIRED BY IBC, ANSI, ADA, AND LOCAL CODES.

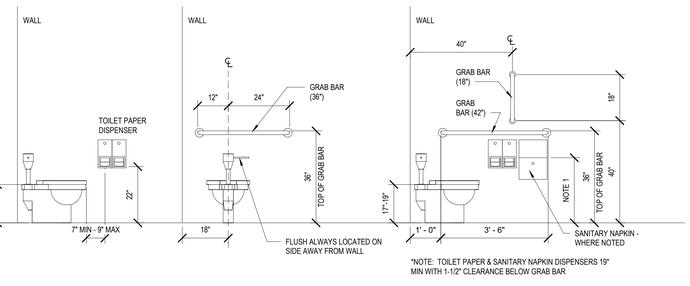
TYPICAL MOUNTING HEIGHTS



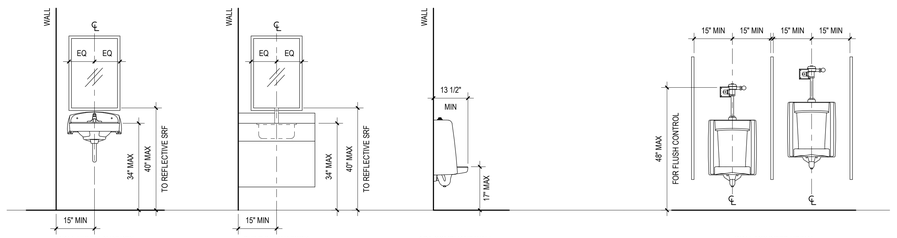


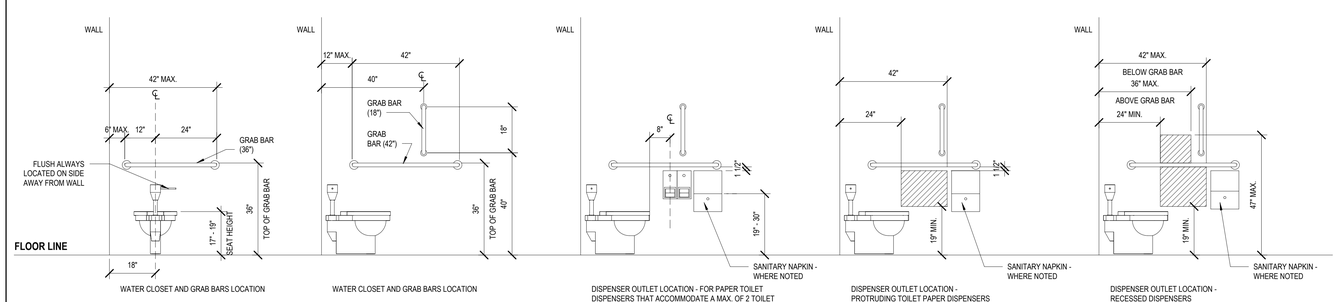


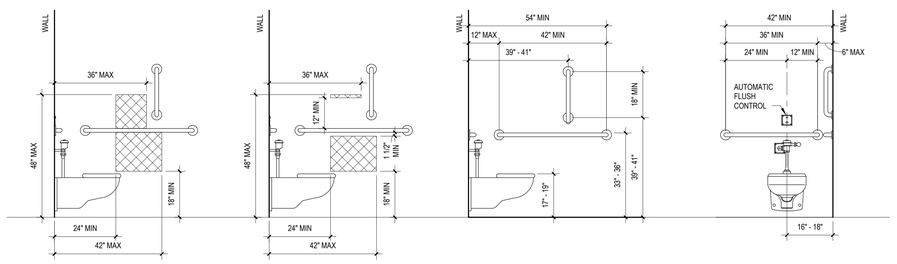




*NOTE: TOILET PAPER & SANITARY NAPKIN DISPENSERS 19" MIN WITH 1-1/2" CLEARANCE BELOW GRAB BAR







ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.

IN-PROGRESS DOCUMENTS FOR INTERNAL REVIEW ONLY. NOT FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION.

SUBMISSIONS:		
Ref	Description	Date
A	Programming	10/15/2025
B	30% CDs	04/06/2026
C	60% CDs	
D	90% CDs	
E	100% CDs	

KNUD HANSEN DOH TOWER
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

TYPICAL MOUNTING HEIGHTS

REVISIONS:		
No.	Description	Date

DRAWN BY: Author
CHECKED BY: JT
DATE: 04.06.2026

NOVUS JOB NUMBER
470-23-50
ODR TASK ORDER NUMBER
010-8-101472

SHEET NUMBER
G004

B: 30% CONSTRUCTION DOCUMENTS

NOT FOR CONSTRUCTION

VIRGIN ISLANDS ZONING, BUILDING AND HOUSING LAWS & REGULATIONS

PROJECT DESCRIPTION
TENANT UPFIT ON SECOND FLOOR OF NEWLY CONSTRUCTED BUILDING FOR NEW DEPARTMENT OF HEALTH COMMUNITY HEALTH CLINIC. CLINIC TO INCLUDE 5 EXAM ROOMS, MULTIPLE OFFICES, TWO INFECTIOUS DISEASE ISOLATION ROOMS, UTILITY SPACES, BREAKROOM. AND CONFERENCE ROOM FOR STAFF. REQUIRED PARKING WILL BE ACCOMMODATED ONSITE IN EXISTING LOT.

APPLICABLE CODES & REGULATIONS

- ■ 2019 UNITED STATES VIRGIN ISLANDS ZONING, BUILDING AND HOUSING LAWS & REGULATIONS
- ☐ 2024 INTERNATIONAL BUILDING CODE (IBC)
- ☐ 2024 INTERNATIONAL RESIDENTIAL CODE (IRC)
- ■ 2024 INTERNATIONAL EXISTING BUILDING CODE (IEBC)
- ■ 2024 INTERNATIONAL FIRE CODE (IFC)
- ■ 2024 UNIFORM PLUMBING CODE (UPC)
- ■ 2024 INTERNATIONAL MECHANICAL CODE (IMC)
- ☐ 2024 INTERNATIONAL ZONING CODE (IZC)
- ☐ 2024 INTERNATIONAL FUEL GAS CODE (IFGC)
- ☐ 2024 INTERNATIONAL SWIMMING POOL AND SPA CODE (ISPSC)
- ■ 2017 ICC A117.1 STANDARD FOR ACCESSIBLE AND USEABLE BUILDINGS AND FACILITIES
- ■ 2010 DEPARTMENT OF JUSTICE ADA STANDARDS FOR ACCESSIBLE DESIGN
- ☐ SECRETARY OF THE INTERIOR'S STANDARDS FOR THE TREATMENT OF HISTORIC PROPERTIES
- ☐ USVI DEPARTMENT OF PLANNING & NATURAL RESOURCES HISTORIC PRESERVATION GUIDELINES
- ■ OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION LAWS & REGULATIONS PART 1926
- ☐ FEDERAL ENVIRONMENTAL HISTORICAL PRESERVATION
- ☐ USVI DEPARTMENT OF PLANNING & NATURAL RESOURCES STORMWATER REGULATIONS

FEMA PROJECT IDENTIFICATION

PROJECT #	101472	P/W #	1362	TITLE	TMUS012 - GM101472 - KNUD HANSEN TOWER REPLACEMENT

GENERAL BUILDING INFO AND ZONING REQUIREMENTS

ADDRESS	1303 HOSPITAL GROUND ROAD		
ISLAND	STT	ESTATE	HOSPITAL GROUND
HISTORIC DISTRICT (T.29 § 111)	NO		
CONSERVATION	☐ EARTH CHANGE PERMIT (T.12 § 533) ☐ COASTAL ZONE MANAGEMENT PERMIT (T.12 § 539)		
FLOOD INSURANCE RISK MAP #	780000 0028G		
FLOOD HAZARD ZONE	X		
ZONING DISTRICT (T.29 § 223)	P PUBLIC		
PERMITTED USE (T.29 § 228)	MEDICAL CLINIC		
CONDITIONAL USE (T.29 § 231)	N/A		
ACCESSORY USE (T.29 § 233)	N/A		
REQUIRED LOT AREA	N/A	ACTUAL	
MAXIMUM LOT OCCUPANCY	N/A	ACTUAL	
REQUIRED SETBACKS: MIN. FRONT YARD	N/A	ACTUAL	
REQUIRED SETBACKS: MIN. SIDE YARD	N/A	ACTUAL	
REQUIRED SETBACKS: MIN. SIDE YARD	N/A	ACTUAL	
REQUIRED SETBACKS: MIN. REAR YARD	N/A	ACTUAL	
MAXIMUM HEIGHT LIMIT	N/A	ACTUAL	
MINIMUM LOT WIDTH	N/A	ACTUAL	
PERSONS PER ACRE LIMIT	N/A	ACTUAL	
PERMITTED DENSITY	N/A	ACTUAL	
USABLE OPEN SPACE	N/A	ACTUAL	
FLOOR AREA RATIO	N/A	ACTUAL	
SECONDARY KITCHEN RESTRICTION	■ NO ☐ YES:		
VARIANCE REQUIRED	■ NO ☐ YES:		
PARKING & LOADING REQUIRED (T.29 § 230)	☐ NO ■ YES		
OFF-STREET PARKING REQUIREMENT	1 SPACE PER 5 EMPLOYEES, PLUS 1 SPACE PER PROFESSIONAL 22 REQUIRED		
OFF-STREET PARKING PROVIDED	67		
OFF-STREET LOADING REQUIREMENT	ONE (1) LOADING SPACE IS REQUIRED FOR STRUCTURES BETWEEN 1,400 SF AND 20,000 SF OF GROSS FLOOR AREA.		
OFF-STREET LOADING PROVIDED	N/A		
PROXIMITY OF PARKING	ONSITE		
SCREENING AND LANDSCAPING	4'-6' TALL FENCE, WALL, OR HEDGE REQUIRED		
MINIMUM DISTANCE AND SETBACK	10'		
BUMPER GUARDS REQUIRED	YES		
PARKING AREA SURFACING	ASPHALT		
LIGHTING REQUIREMENTS	POST-MOUNTED DOWN LIGHTS		
CISTERN CAPACITY (T.29 § 308)	N/A		
EXTERIOR WALL ASSEMBLY	N/A		
FLOOR AREA (SQ. FT.): BASEMENT	139		
FLOOR AREA (SQ. FT.): 1ST FLOOR	299		
FLOOR AREA (SQ. FT.): 2ND FLOOR	7,689		
FLOOR AREA (SQ. FT.): TOTAL AREA	8,127		
ROOF ASSEMBLY	N/A		
ROOF AREA	N/A		
STRUCTURE	☐ METAL-FRAMED ☐ WOOD-FRAMED ■ STRUCTURAL STEEL ☐ MASONRY/CONCRETE		

BUILDING CODE SUMMARY:
INTERNATIONAL CODE COUNCIL
UNIFORM PLUMBING CODE

PROJECT INFORMATION

NAME OF PROJECT:	KNUD HANSEN TOWER REPLACEMENT
ADDRESS:	1303 HOSPITAL GROUND ROAD, ST. THOMAS, USVI — ZIP CODE: 00802
OWNER/AUTHORIZED AGENT:	COMMISSIONER JUSTA ENCARNACION
PHONE:	340-774-0001 — EMAIL: reuben.molloy@doh.vi.gov
OWNED BY:	USVI DEPT OF HEALTH, 4006 ESTATE DIAMOND, CHRISTIANSTED, ST. CROIX, VI 00820 — ☐ CITY / COUNTY ☐ PRIVATE ■ STATE
CODE ENFORCEMENT JURISDICTION:	■ CITY: ST. THOMAS, VI ☐ COUNTY: - ☐ STATE

CONTACT

DIVISION	FIRM	DESIGNER	LICENSE #	TELEPHONE #	EMAIL
ARCHITECTURAL	SPRINGLINE ARCHITECTS	JERRY TRAINO	XXXX	843.437.8879	jerry.traino@novusarchitects.com
CIVIL	-	-	-	-	-
ELECTRICAL	TLC ENGINEERING	STEPHEN COTTON	XXXX	321.877.4295	stephen.cotton@tlc-eng.com
FIRE ALARM	TLC ENGINEERING	STEPHEN COTTON		321.877.4295	stephen.cotton@tlc-eng.com
PLUMBING	TLC ENGINEERING	JIM MULLEN	XXXXXX	321.877.4260	jim.mullen@tlc-eng.com
MECHANICAL	TLC ENGINEERING	JIM MULLEN	XXXXXX	321.877.4260	jim.mullen@tlc-eng.com
SPRINKLER-STANDPIPE	-	-	-	-	-
STRUCTURAL	-	-	-	-	-
RETAINING WALL > 5' HIGH	-	-	-	-	-

CODE APPLICATION

2024 IBC BUILDING CODE:	☐ NEW BUILDING ☐ ADDITION ☐ RENOVATION ■ 1ST TIME INTERIOR COMPLETION ☐ SHELL / CORE - CONTACT THE LOCAL INSPECTION JURISDICTION ☐ PHASED CONSTRUCTION - SHELL / CORE - CONTACT THE LOCAL INSPECTION JURISDICTION
BUILDING RISK CATEGORY: (TABLE 1604.5):	☐ I ■ II ☐ III ☐ IV
LOCAL AMENDMENT(S):	N/A
2024 IEBC EXISTING BUILDING CODE: (N/A)	☐ PRESCRIPTIVE ☐ REPAIR ☐ CHAPTER 14 ALTERATION: ☐ LEVEL I ☐ LEVEL II ☐ LEVEL III ☐ HISTORIC PROPERTY ☐ CHANGE OF USE
CONSTRUCTED: (DATE)	CURRENT OCCUPANCY (S) (CH. 3):
RENOVATED: (DATE)	PROPOSED OCCUPANCY (S) (CH. 3):

BUILDING DATA

CONSTRUCTION TYPE: (CHECK ALL THAT APPLY)	☐ I-A ☐ II-A ☐ III-A ☐ IV ☐ V-A ☐ I-B ■ II-B ☐ III-AB ☐ V-B
SPRINKLERS:	☐ NO ☐ PARTIAL ■ YES ☐ NFPA 13 ☐ NFPA 13R ☐ NFPA 13D
STANDPIPES:	☐ NO ■ YES CLASS ☐ I ☐ II ☐ III ■ WET ☐ DRY
FIRE DISTRICT:	■ NO ☐ YES — FLOOD HAZARD AREA: ■ NO ☐ YES
SPECIAL INSPECTIONS REQUIRED:	■ NO ☐ YES (EIFS SYSTEM)

ALLOWABLE HEIGHT

	ALLOWABLE	SHOWN ON PLANS	CODE REFERENCE [1]
BUILDING HEIGHT IN FEET (TABLE 504.3) [2]	IIB - 75'	+/- 65'	-
BUILDING HEIGHT IN STORIES (TABLE 504.4) [3]	IIB - 4 stories	4	-

1. PROVIDE CODE REFERENCE IF THE "SHOWN ON PLANS" QUANTITY IS NOT BASED ON TABLE 504.3 OR 504.4.
2. THE MAXIMUM HEIGHT OF AIR TRAFFIC CONTROL TOWERS MUST COMPLY WITH TABLE 412.3.1.
3. THE MAXIMUM HEIGHT OF OPEN PARKING GARAGES MUST COMPLY WITH TABLE 406.5.4.

GROSS BUILDING AREA TABLE

FLOOR	EXISTING (SQ FT)	NEW (SQ FT)	SUB-TOTAL (SQ FT)
THIRD FLOOR	N/A	N/A	N/A
MEZZANINE LEVEL	N/A	N/A	N/A
SECOND FLOOR	N/A	7,689	7,689
FIRST FLOOR	N/A	299	299
BASEMENT	N/A	139	139
TOTAL	**N/A**	**8,127**	**8,127**

OCCUPANCY

PRIMARY OCCUPANCY CLASSIFICATION (S): (SECTION 302)

ASSEMBLY	☐ A-1 ☐ A-2 ☐ A-3 ☐ A-4 ☐ A-5
BUSINESS	■
EDUCATIONAL	☐
FACTORY	☐ F-1 MODERATE ☐ F-2 LOW
HAZARDOUS	☐ H-1 DETONATE ☐ H-2 DEFLAGRATE ☐ H-3 COMBUST ☐ H-4 HEALTH ☐ H-5 HPM
INSTITUTIONAL	☐ I-1 CONDITION ☐ 1 ☐ 2 ☐ I-2 CONDITION ☐ 1 ☐ 2 ☐ I-3 CONDITION ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ I-4
MERCANTILE	☐
RESIDENTIAL	☐ R-1 ☐ R-2 ☐ R-3 ☐ R-4
STORAGE	☐ S-1 MODERATE ☐ S-2 LOW ☐ HIGH PILED ☐ PARKING GARAGE ☐ OPEN ☐ ENCLOSED ☐ REPAIR GARAGE
UTILITY AND MISCELLANEOUS	☐

ACCESSORY OCCUPANCY CLASSIFICATION(S): (SECTION 508.2) None

INCIDENTAL USES (TABLE 509.1): None

- ☐ FURNACE ROOM WHERE ANY PIECE OF EQUIPMENT IS OVER 400,000 BTU PER HOUR INPUT
- ☐ ROOMS WITH BOILERS WHERE THE LARGEST PIECE OF EQUIPMENT IS OVER 15 PSI AND 10 HORSEPOWER
- ☐ REFRIGERANT MACHINERY ROOM
- ☐ HYDROGEN FUEL GAS ROOMS, NOT CLASSIFIED AS GROUP H
- ☐ INCINERATOR ROOMS
- ☐ PAINT SHOPS, NOT CLASSIFIED AS GROUP H, LOCATED IN OCCUPANCIES OTHER THAN GROUP F
- ☐ IN GROUP E OCCUPANCIES, LABORATORIES AND VOCATIONAL SHOPS NOT CLASSIFIED AS GROUP H
- ☐ IN GROUP I-2 OCCUPANCIES, LABORATORIES NOT CLASSIFIED AS GROUP H
- ☐ IN AMBULATORY CARE FACILITIES, LABORATORIES NOT CLASSIFIED AS GROUP H
- ☐ LAUNDRY ROOMS OVER 100 SQUARE FEET
- ☐ IN GROUP I-2, LAUNDRY ROOMS OVER 100 SQUARE FEET
- ☐ IN GROUP I-2, PHYSICAL PLANT MAINTENANCE SHOPS
- ☐ IN AMBULATORY CARE FACILITIES OR GROUP I-2 OCCUPANCIES, WASTE AND LINEN COLLECTION ROOMS WITH CONTAINERS THAT HAVE AN AGGREGATE VOLUME OF 10 CUBIC FEET OR GREATER
- ☐ WASTE AND LINEN COLLECTION ROOMS OVER 100 SQUARE FEET (NOT AMBULATORY CARE OR GROUP I-2)
- ☐ IN AMBULATORY CARE FACILITIES OR GROUP I-2 OCCUPANCIES, STORAGE ROOMS GREATER THAN 100 SQUARE FEET
- ☐ ELECTRICAL INSTALLATIONS AND TRANSFORMERS

SPECIAL USES (CHAPTER 4 - LIST CODE SECTIONS FROM SECTION 401): None

SPECIAL PROVISIONS: (CHAPTER 5 - SECTION 10 - LIST CODE SECTIONS): None

☐ 510.2 ☐ 510.3 ☐ 510.4 ☐ 510.5 ☐ 510.6 ☐ 510.7 ☐ 510.8 ☐ 510.9

MIXED OCCUPANCY: ■ NO ☐ YES SEPARATION: - HR. EXCEPTION: -

☐ NON-SEPARATED USE (508.3)	THE REQUIRED TYPE OF CONSTRUCTION FOR THE BUILDING SHALL BE DETERMINED BY APPLYING THE HEIGHT AND AREA LIMITATIONS FOR EACH OF THE APPLICABLE OCCUPANCIES TO THE ENTIRE BUILDING. THE MOST RESTRICTIVE TYPE OF CONSTRUCTION, SO DETERMINED, SHALL APPLY TO THE ENTIRE BUILDING.
☐ SEPARATED USE (508.4)	SEE BELOW FOR AREA CALCULATIONS OF EACH STORY, THE AREA OF THE OCCUPANCY SHALL BE THE SUM OF THE RATIO OF THE ACTUAL FLOOR AREA OF EACH USE DIVIDED BY THE ALLOWABLE FLOOR AREA FOR EACH USE SHALL NOT EXCEED 1.

$$\frac{\text{ACTUAL AREA OF OCCUPANCY A}}{\text{ALLOWABLE AREA OF OCCUPANCY A}} + \frac{\text{ACTUAL AREA OF OCCUPANCY B}}{\text{ALLOWABLE AREA OF OCCUPANCY B}} \leq 1$$

$$____ + ____ + \ldots = ____ \leq 1.00$$

BUILDING AREA N/A

STORY NO.	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 506.2 [4] AREA	(C) AREA FOR FRONTAGE INCREASE [1,5]	(D) ALLOWABLE AREA PER STORY OR UNLIMITED [2,3]
B	-	-	-	-	-
1	-	-	-	-	-
M	-	-	-	-	-
2	-	-	-	-	-
3	-	-	-	-	-
4	-	-	-	-	-
	TOTAL BUILDING	-	-	-	-

1. FRONTAGE AREA INCREASES FROM SECTION 506.3 ARE COMPUTED THUS:
   A. PERIMETER WHICH FRONTS A PUBLIC WAY OR OPEN SPACE HAVING 20 FEET MINIMUM WIDTH = ________ (F)
   B. TOTAL BUILDING PERIMETER = ________(P)
   C. RATIO (F/P) = __________(W)
   D. W = MIN. WIDTH OF PUBLIC WAY = ________(W)
   E. PERCENT OF FRONTAGE INCREASE: 100(F/P - 0.25) X W/30 = ________(%)
2. UNLIMITED AREA APPLICABLE UNDER CONDITIONS OF SECTION 507.
3. MAXIMUM BUILDING AREA = TOTAL NUMBER OF STORIES IN THE BUILDING x D (MAXIMUM 3 STORIES) (506.2)
4. THE MAXIMUM AREA OF OPEN PARKING GARAGES MUST COMPLY WITH TABLE 406.5.4.
5. FRONTAGE INCREASE IS BASED ON THE SPRINKLERED AREA VALUE IN TABLE 506.2.

FIRE PROTECTION REQUIREMENTS

	FIRE SEPARATION DISTANCE (FEET)	RATING REQ'D	RATING PROVIDED (W/_____* REDUCTION)	DETAIL # AND SHEET #	DESIGN # FOR RATED ASSEMBLY	SHEET # FOR RATED PENETRATION	SHEET # FOR RATED JOINTS
STRUCTURAL FRAME TO INCLUDE COLUMNS, GIRDERS, AND TRUSSES		0	-	-	-	-	-
BEARING WALLS — EXTERIOR							
NORTH	> 30'-0"	0	N/A	-	-	-	-
EAST	21'-6"	0	N/A	-	-	-	-
WEST	14'-8"	0	N/A	-	-	-	-
SOUTH	10'-0"	0	N/A	-	-	-	-
INTERIOR		0	N/A	-	-	-	-
NON-BEARING WALLS — EXTERIOR							
NORTH	> 30'-0"	0	N/A	-	-	-	-
EAST	10'-0"	0	N/A	-	-	-	-
WEST	18'-4"	0	N/A	-	-	-	-
SOUTH	10'-0"	0	N/A	-	-	-	-
INTERIOR WALLS AND PARTITIONS		0	N/A	-	-	-	-
FLOOR CONSTRUCTION TO INCLUDE SUPPORTING BEAMS AND JOISTS		0	N/A	-	-	-	-
FLOOR CEILING ASSEMBLIES		0	N/A	-	-	-	-
COLUMNS SUPPORTING FLOORS		0	N/A	-	-	-	-
ROOF CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS		0	N/A	-	-	-	-
ROOF CEILING ASSEMBLIES		0	N/A	-	-	-	-
COLUMNS SUPPORTING ROOFS		0	N/A	-	-	-	-
SHAFT ENCLOSURES - EXIT		0	N/A	-	-	-	-
SHAFT ENCLOSURES - OTHER		1	1	G201	U419	-	-
CORRIDOR SEPARATION		0	-	-	-	-	-
OCCUPANCY / FIRE BARRIER SEPARATION		1	1	G201	U419	-	-
PARTY / FIRE WALL SEPARATION		0	N/A	-	-	-	-
SMOKE BARRIER SEPARATION		0	N/A	-	-	-	-
SMOKE PARTITION		N/A	N/A	-	-	-	-
TENANT / DWELLING UNIT / SLEEPING UNIT SEPARATION		N/A	-	-	-	-	-
INCIDENTAL USE SEPARATION		N/A	-				

* INDICATE SECTION NUMBER PERMITTING REDUCTION

PROJECTIONS T705.2 N/A

FIRE SEPARATION DISTANCE (FEET)	MINIMUM DISTANCE FROM LINE USED TO DETERMINE FSD	ALLOWABLE DISTANCE	ACTUAL DISTANCE
-	-	-	-
-	-	-	-
-	-	-	-

PERCENTAGE OF WALL OPENING CALCULATIONS N/A

FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES	DEGREE OF OPENINGS PROTECTION (TABLE 705.9)	ALLOWABLE AREA (%)	ACTUALLY SHOWN ON PLANS (%)
NORTH & EAST WALLS > 20'	UNPROTECTED, SPRINKLERED	NO LIMIT	25%
WEST WALLS 14'-8"	UNPROTECTED, SPRINKLERED	45%	25%
SOUTH WALLS 10'	UNPROTECTED, SPRINKLERED	45%	25%

LIFE SAFETY SYSTEM REQUIREMENTS

EMERGENCY LIGHTING:	■ YES	☐ NO	
EXIT SIGNS:	■ YES	☐ NO	
FIRE ALARM:	■ YES	☐ NO	
SMOKE DETECTION SYSTEMS:	■ YES	☐ NO	☐ PARTIAL
CARBON MONOXIDE DETECTION:	☐ YES	■ NO	

LIFE SAFETY PLAN REQUIREMENTS

LIFE SAFETY PLAN SHEETS #: G102

- ■ FIRE AND / OR SMOKE RATED WALL LOCATIONS (CHAPTER 7)
- ☐ ASSUMED AND REAL PROPERTY LINE LOCATIONS (IF NOT ON THE SITE PLAN)
- ☐ EXTERIOR WALL OPENING AREA WITH RESPECT TO DISTANCE TO ASSUMED PROPERTY LINES (705.9)
- ■ OCCUPANCY USE FOR EACH AREA AS IT RELATES TO OCCUPANT LOAD CALCULATION (1004.5)
- ■ OCCUPANT LOADS FOR EACH AREA
- ■ EXIT ACCESS TRAVEL DISTANCES (1017)
- ■ COMMON PATH OF TRAVEL DISTANCES (TABLES 1006.2.1 & 1006.3.2 (1))
- ■ DEAD END LENGTHS (1020.5)
- ■ CLEAR EXIT WIDTHS FOR EACH EXIT DOOR
- ■ MAXIMUM CALCULATED OCCUPANT LOAD CAPACITY EACH EXIT DOOR CAN ACCOMMODATE BASED ON EGRESS WIDTH (1005.3)
- ■ ACTUAL OCCUPANT LOAD FOR EACH EXIT DOOR
- ☐ A SEPARATE SCHEMATIC PLAN INDICATING WHERE FIRE-RATED FLOOR / CEILING AND / OR ROOF STRUCTURE IS PROVIDED FOR PURPOSES OF OCCUPANCY SEPARATION
- ■ LOCATION OF DOORS WITH PANIC HARDWARE (1010.2.8)
- ☐ LOCATION OF DOORS WITH DELAYED EGRESS LOCKS AND THE AMOUNT OF DELAY (1010.2.12)
- ☐ LOCATION OF DOORS WITH ELECTROMAGNETIC EGRESS LOCKS (1010.2.10)
- ☐ LOCATION OF DOORS EQUIPPED WITH HOLD-OPEN DEVICES
- ☐ LOCATION OF EMERGENCY ESCAPE WINDOWS (1030)
- ■ THE SQUARE FOOTAGE OF EACH FIRE AREA (202)
- ☐ THE SQUARE FOOTAGE OF EACH SMOKE COMPARTMENT FOR OCCUPANCY CLASSIFICATION I-2 (407.5)

* NOTE ANY CODE EXCEPTIONS OR TABLE NOTES THAT MAY HAVE BEEN UTILIZED REGARDING THE ITEMS ABOVE.

EXIT ARRANGEMENT BY DISTANCE

BUILDING STORY OR SPACE DESIGNATION	NUMBER OF EXITS (TABLE 1006.3.3)[1] MINIMUM REQUIRED	NUMBER OF EXITS ACTUAL PROVIDED	TRAVEL DISTANCE (TABLE 1017.2)[1,2] MAX ALLOWABLE	TRAVEL DISTANCE ACTUAL PROVIDED	ARRANGEMENT OF MEANS OF EGRESS (SECTION 1007) REQUIRED DISTANCE BETWEEN EXITS	ARRANGEMENT ACTUAL PROVIDED
LOWER FLOOR LOBBY	1	1	300	15'	-	-
MAIN FLOOR OFFICE	1	1	300	26'-4"	-	-
2ND FLOOR CLINIC	2	2	300	145'-7"	48'-6"	78'-10"
-	-					

EGRESS WIDTH BY OCCUPANT LOAD

USE GROUP OR SPACE DESIGNATION	AREA USING MEANS OF EGRESS (SQFT)[1]	LOAD FACTOR (TABLE 1004.5)[1]	(a) CALCULATED OCCUPANCY LOAD	(b) EGRESS WIDTH FACTOR (1005.3) STAIR	(b) OTHER	REQUIRED WIDTH (a x b)[2,3] STAIR	REQUIRED OTHER	ACTUAL WIDTH (cumulative) STAIR	ACTUAL OTHER
LOWER	150	@150 gross	1	0.2	0.15		0.15	-	32
MAIN	304	@150 gross	2	0.2	0.15		0.30	-	32
SECOND	7624	@150 gross	51	0.2	0.15	10.2	7.65	96	32
-	-	-	-	-	-	-	-	-	-

1. SEE TABLE 1004.5 TO DETERMINE USE OF NET AREA OR GROSS AREA.
2. ONLY USE CALCULATED WIDTH IF IT EXCEEDS:
   A. MINIMUM STAIR WIDTH (SECTION 1011.2) *44 INCHES*
   B. MINIMUM CORRIDOR WIDTH (TABLE 1020.3) *72 INCHES*
   C. MINIMUM DOOR WIDTH (SECTION 1010.1.1) *32 INCHES*
   D. MINIMUM WIDTH OF EXIT PASSAGEWAY (SECTION 1024.2) *44 INCHES*
3. FOR ASSEMBLY OCCUPANCIES, SEE SECTION 1030.

INTERIOR FINISH REQUIREMENTS BY OCCUPANCY: (TABLE 803.13)[K]

GROUP	SPRINKLERED[1]: INTERIOR EXIT STAIRWAYS, RAMPS, AND EXIT PASSAGEWAYS[A,B]	SPRINKLERED: CORRIDORS AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS AND RAMPS	SPRINKLERED: ROOMS AND ENCLOSED SPACES	NONSPRINKLERED: INTERIOR EXIT STAIRWAYS, RAMPS, AND EXIT PASSAGEWAYS[A,B]	NONSPRINKLERED: CORRIDORS AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS AND RAMPS	NONSPRINKLERED: ROOMS AND ENCLOSED SPACES
☐ A-1, A-2	B	B	C	A	A[D]	B
☐ A-3[F], A-4, A-5	B	B	C	A	A[D]	C
■ B, E, M, R-1	B	C[M]	C	A	B	C
☐ R-4	B	C	C	A	B	B
☐ F	C	C	C	B	C	C
☐ H	B	B	C[G]	A	A	B
☐ I-1	B	C	C	A	B	B
☐ I-2	B	B	B[H,I]	A	A	B
☐ I-3	A	A[J]	C	A	A	B
☐ I-4	B	B	B[H,I]	A	A	B
☐ R-2	C	C	C	B	B	C
☐ R-3	C	C	C	C	C	C
☐ S	C	C	C	B	B	C
☐ U	NO RESTRICTIONS			NO RESTRICTIONS		

A. CLASS C INTERIOR FINISH MATERIALS SHALL BE PERMITTED FOR WAINSCOTTING OR PANELING OF NOT MORE THAN 1,000 SQUARE FEET OF APPLIED SURFACE AREA IN THE GRADE LOBBY WHERE APPLIED DIRECTLY TO A NONCOMBUSTIBLE BASE OR OVER FURRING STRIPS APPLIED TO A NONCOMBUSTIBLE BASE AND FIREBLOCKED AS REQUIRED BY SECTION 803.15.1.
B. IN OTHER THAN GROUP I-3 OCCUPANCIES IN BUILDINGS LESS THAN THREE STORIES ABOVE GRADE PLANE, CLASS B INTERIOR FINISH FOR NONSPRINKLERED BUILDINGS AND CLASS C INTERIOR FINISH FOR SPRINKLERED BUILDINGS SHALL BE PERMITTED IN INTERIOR EXIT STAIRWAYS AND RAMPS.
C. REQUIREMENTS FOR ROOMS AND ENCLOSED SPACES SHALL BE BASED ON SPACES ENCLOSED BY PARTITIONS. WHERE A FIRE-RESISTANCE RATING IS REQUIRED FOR STRUCTURAL ELEMENTS, THE ENCLOSING PARTITIONS SHALL EXTEND FROM THE FLOOR TO THE CEILING. PARTITIONS THAT DO NOT COMPLY WITH THIS SHALL BE CONSIDERED TO BE ENCLOSING SPACES AND THE ROOMS OR SPACES ON BOTH SIDES SHALL BE CONSIDERED TO BE ONE ROOM OR SPACE. IN DETERMINING THE APPLICABLE REQUIREMENTS FOR ROOMS AND ENCLOSED SPACES, THE SPECIFIC OCCUPANCY THEREOF SHALL BE THE GOVERNING FACTOR REGARDLESS OF THE GROUP CLASSIFICATION OF THE BUILDING OR STRUCTURE.
D. LOBBY AREAS IN GROUP A-1, A-2 AND A-3 OCCUPANCIES SHALL BE NOT LESS THAN CLASS B MATERIALS.
E. CLASS C INTERIOR FINISH MATERIALS SHALL BE PERMITTED IN PLACES OF ASSEMBLY WITH AN OCCUPANT LOAD OF 300 PERSONS OR LESS.
F. FOR PLACES OF RELIGIOUS WORSHIP, WOOD USED FOR ORNAMENTAL PURPOSES, TRUSSES, PANELING OR CHANCEL FURNISHING SHALL BE PERMITTED.
G. CLASS B MATERIAL IS REQUIRED WHERE THE BUILDING EXCEEDS TWO STORIES.
H. CLASS C INTERIOR FINISH MATERIALS SHALL BE PERMITTED IN ADMINISTRATIVE SPACES.
I. CLASS C INTERIOR FINISH MATERIALS SHALL BE PERMITTED IN ROOMS WITH A CAPACITY OF FOUR PERSONS OR LESS.
J. CLASS B MATERIALS SHALL BE PERMITTED AS WAINSCOTTING EXTENDING NOT MORE THAN 48 INCHES ABOVE THE FINISHED FLOOR IN CORRIDORS AND EXIT ACCESS STAIRWAYS AND RAMPS.
K. FINISH MATERIALS AS PROVIDED FOR IN OTHER SECTIONS OF CHAPTER 8.
L. APPLIES WHEN PROTECTED BY AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.1 OR 903.3.1.2.
M. CORRIDORS IN AMBULATORY CARE FACILITIES SHALL BE PROVIDED WITH CLASS A OR B MATERIALS.

ACCESSIBLE PARKING

LOT OR PARKING AREAS	TOTAL # OF PARKING SPACES REQUIRED	TOTAL # OF PARKING SPACES PROVIDED	# ACCESSIBLE SPACES PROVIDED: REGULAR WITH 5' ACCESS AISLE	VAN SPACES WITH 132" ACCESS AISLE	VAN SPACES WITH 8' ACCESS AISLE	TOTAL # ACCESSIBLE PROVIDED
MAIN LEVEL	22	67	1	-	1	2
-	-	-	-	-	-	-
TOTAL	22	24	1	-	1	2

ENERGY CONSERVATION CODE EQUIREMENTS

THE FOLLOWING DATA SHALL BE CONSIDERED MINIMUM AND ANY SPECIAL ATTRIBUTE REQUIRED TO MEET THE ENERGY CODE SHALL ALSO BE PROVIDED. EACH DESIGNER SHALL FURNISH THE REQUIRED PORTIONS OF THE PROJECT INFORMATION FOR THE PLAN DATA SHEET. IF PERFORMANCE METHOD, STATE THE ANNUAL ENERGY COST FOR THE STANDARD REFERENCE DESIGN VS. ANNUAL ENERGY COST FOR THE PROPOSED DESIGN.

EXISTING BUILDING ENVELOPE COMPLIES WITH CODE:	☐ NO ■ YES (THE REMAINDER OF THIS SECTION IS NOT APPLICABLE)
EXEMPT BUILDING:	☐ NO ☐ YES (PROVIDE CODE OR STATUTORY REFERENCE): -
CLIMATE ZONE:	☐ 1A ☐ 2A ☐ 3A ☐ 4A ☐ 5A
METHOD OF COMPLIANCE:	ENERGY CODE ☐ PERFORMANCE ☐ PRESCRIPTIVE ASHRAE 90.1 ☐ PERFORMANCE ☐ PRESCRIPTIVE
(IF "OTHER" SPECIFY SOURCE HERE)	-

THERMAL ENVELOPE: (PRESCRIPTIVE METHOD ONLY)

ROOF / CEILING ASSEMBLY (EACH ASSEMBLY)	
DESCRIPTION OF ASSEMBLY:	N/A
U-VALUE OF TOTAL ASSEMBLY:	N/A
R-VALUE OF INSULATION:	N/A
SKYLIGHT IN EACH ASSEMBLY:	N/A
U-VALUE OF SKYLIGHT:	N/A
TOTAL SQUARE FOOTAGE OFSKYLIGHTS IN EACH ASSEMBLY:	N/A
EXTERIOR WALLS (EACH ASSEMBLY)	
DESCRIPTION OF ASSEMBLY:	N/A
U-VALUE OF TOTAL ASSEMBLY:	N/A
R-VALUE OF INSULATION:	N/A
OPENINGS (WINDOW OR DOORS WITH GLAZING)	
U-VALUE OF TOTAL ASSEMBLY:	N/A
SOLAR HEAT GAIN COEFFICIENT:	N/A
PROJECTION FACTOR:	N/A
DOOR R-VALUES:	N/A
WALLS BELOW GRADE (EACH ASSEMBLY)	
DESCRIPTION OF ASSEMBLY:	N/A
U-VALUE OF TOTAL ASSEMBLY:	N/A
R-VALUE OF INSULATION:	N/A
FLOORS OVER UNCONDITIONED SPACE (EACH ASSEMBLY)	
DESCRIPTION OF ASSEMBLY:	N/A
U-VALUE OF TOTAL ASSEMBLY:	NA
R-VALUE OF INSULATION:	N/A
FLOOR SLAB ON GRADE	
DESCRIPTION OF ASSEMBLY:	N/A
U-VALUE OF TOTAL ASSEMBLY:	N/A
R-VALUE OF INSULATION:	N/A
HORIZONTAL / VERTICAL REQUIREMENT:	N/A
SLAB HEATED:	N/A

PLUMBING FIXTURE REQUIREMENTS (UPC TABLE 422.1)

B: MEDICAL CLINIC	WATER CLOSETS MALE	WATER CLOSETS FEMALE	WATER CLOSETS UNISEX*	URINALS MALE	LAVATORIES MALE	LAVATORIES FEMALE	LAVATORIES UNISEX*	SHOWERS / TUBS	DRINKING FOUNTAINS ACCESSIBLE	OTHER SERVICE / LAUNDRY SINK
54 OCCUPANTS										
OCC. RATIO	1:50	1:30	-	1:100	1:40	1:40	-	-	1:150	
OCC. LOAD	27	27		27	27	27		-	54	-
REQUIRED	1	2	-	1	1	1	-	-	1	1
PROPOSED	2	2	1	1	2	2	1	-	2	1

* 422.2 (4) Separate facilities shall not be required where rooms have fixtures designed for use by both sexes and the water closets are installed in privacy compartments. Urinals shall be installed in privacy compartment.

springline architects — A NOVUSARCHITECTS Company

INPROGRESS DOCUMENTS FOR INTERIM REVIEW ONLY. NOT FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Programming	10/15/2025
B	30% CDs	04/06/2026
C	60% CDs	
D	90% CDs	
E	100% CDs	

KNUD HANSEN DOH TOWER
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

CODE ANALYSIS

NOT FOR CONSTRUCTION

REVISIONS:

No.	Description	Date

DRAWN BY:
CHECKED BY: JT
DATE: 04.06.2026

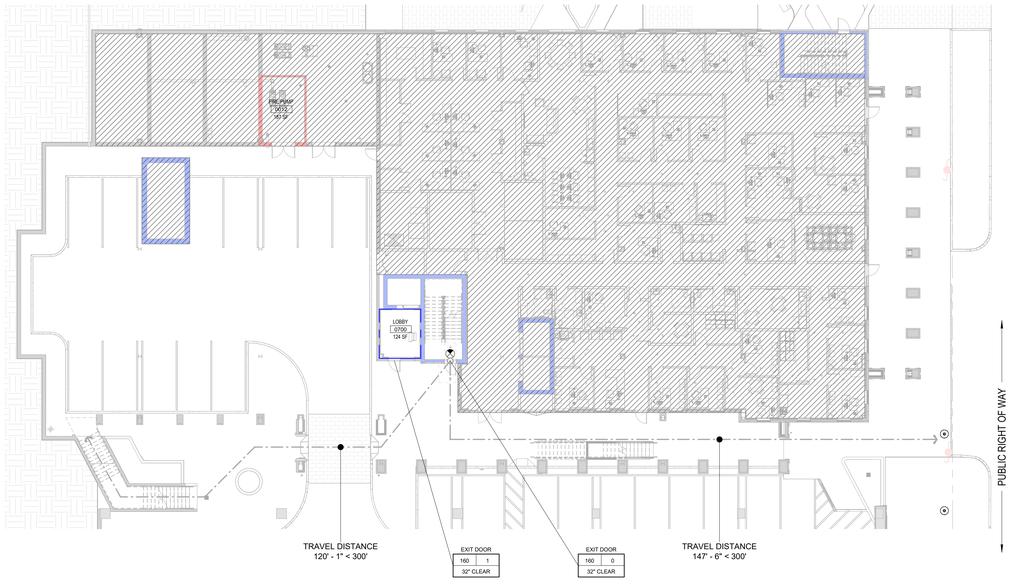
NOVUS JOB NUMBER
470-23-50

ODR TASK ORDER NUMBER
010-8-101472

SHEET NUMBER
G101

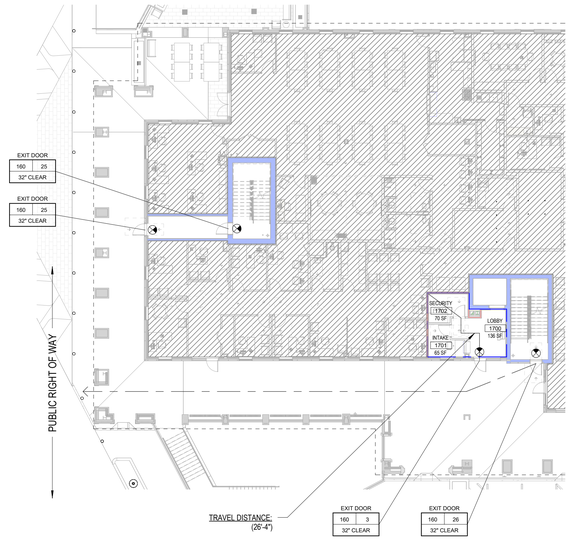
B: 30% CONSTRUCTION DOCUMENTS

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.



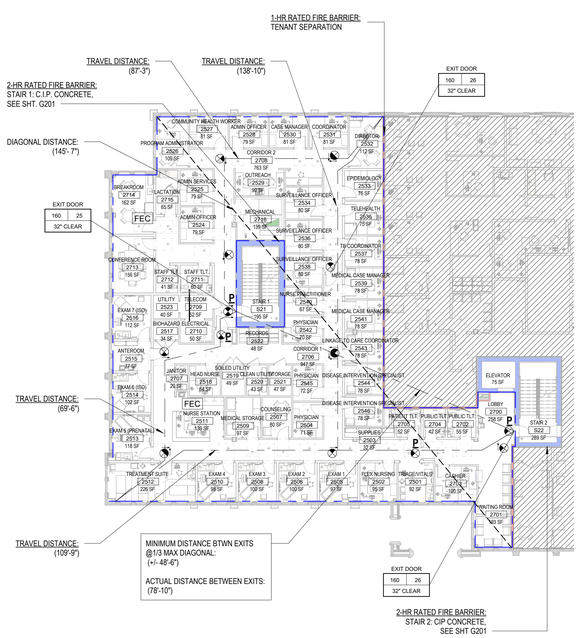
LOWER FLOOR = 225 SF
- **Business Use Occupancy**: 139 gross SF @ 1 occup./150 sf = 1 **occupant**

B1 LOWER FLOOR LIFE SAFETY
G102 1/16" = 1'-0"



MAIN FLOOR = 304 SF
- **Business Use Occupancy**: 304 gross SF @ 1 occup./150 sf = **3 occupants**

B3 MAIN FLOOR LIFE SAFETY
G102 1/16" = 1'-0"



2ND FLOOR = 7,624 SF
- **Business Use Occupancy**: 7,614 gross SF @ 1 occup./150 sf = **51 occupants**

B4 2ND FLOOR LIFE SAFETY PLAN
G102 1/16" = 1'-0"

LIFE SAFETY LEGEND

REFER TO ELECTRICAL FOR COMPLETE LIST

- FEC - FIRE EXTINGUISHER CABINET, SEMI-RECESSED
- EXIT SIGN
- P — DOOR PROVIDED W/ PANIC HARDWARE OR PUSH/PULL
- EXIT DOOR | CAP | LOAD | XX" CLEAR — CAP - EXIT CAPACITY; LOAD - ANTICIPATED LOAD; CLEAR - CLEAR EXIT DOOR WIDTH (INCHES)
- DIAGONAL OF BUILDING OR AREA
- DISTANCE BETWEEN EXIT DOORS
- EGRESS TRAVEL PATH
- ASSEMBLY A-3 USE
- BUSINESS B USE
- PARKING S-2 USE
- NOT IN SCOPE

GENERAL LEGEND

REFER TO SHEET G001 AND G002 FOR DRAWING INDEX, KEYNOTES, AND GENERAL LEGEND SYMBOLS SUCH AS VIEW TAGS, WINDOW TAGS, DOOR TAGS, ROOM TAGS, WALL TAGS, AND PATTERNS.

WALL LEGEND

- NON-RATED SMOKE PARTITION
- 1 HOUR FIRE BARRIER
- 1 HOUR SMOKE BARRIER
- 2 HOUR FIRE BARRIER
- 2 HOUR SMOKE BARRIER
- TO CEILING +6"
- TO DECK ABOVE
- (ACOUSTIC / INSULATED) TO CEILING +6"
- (ACOUSTIC / INSULATED) TO DECK ABOVE

*SEE G201 FOR WALL TYPE INFORMATION

NORTH

springline architects — A NOVUS ARCHITECTS Company

INPROGRESS DOCUMENTS FOR INTERIM REVIEW ONLY. NOT FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION

SUBMISSIONS:

Ref	Description	Date
A	Programming	10/15/2025
B	30% CDs	04/06/2026
C	60% CDs	
D	90% CDs	
E	100% CDs	

KNUD HANSEN DOH TOWER
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

LIFE SAFETY PLANS

REVISIONS:

No.	Description	Date

DRAWN BY: Author
CHECKED BY: JT
DATE: 04.06.2026

NOVUS JOB NUMBER
470-23-50
DOH TASK ORDER NUMBER
010-8-101472

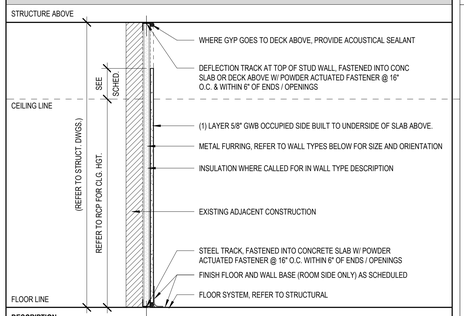
SHEET NUMBER
G102

B: 30% CONSTRUCTION DOCUMENTS

NOT FOR CONSTRUCTION

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.

FURRING

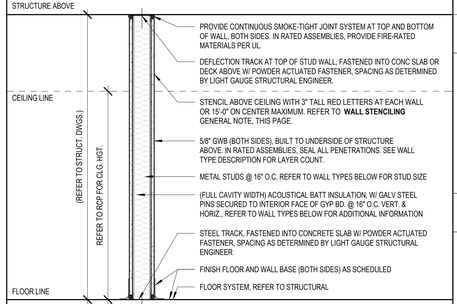


DESCRIPTION

METAL STUDS @ 16" OC (1) LAYER OF 5/8" GYP BD ON OCCUPIED SIDE. EXTEND TO UNDERSIDE OF DECK ABOVE UNLESS NOTED OTHERWISE. REFER TO WALL TYPES TABLE BELOW FOR INSULATION INFORMATION.

TAG	STUD / CHANNEL	HEIGHT	INSULATION	TYPE COMMENTS
F12	1-5/8" METAL STUD (SQUARE)	CLG +6"	-	
F13	2-1/2" METAL STUD	CLG +6"	-	
F24	2-1/2" METAL STUD	TO DECK	R-5.7	

RATED AND/OR SMOKE-RESISTANT

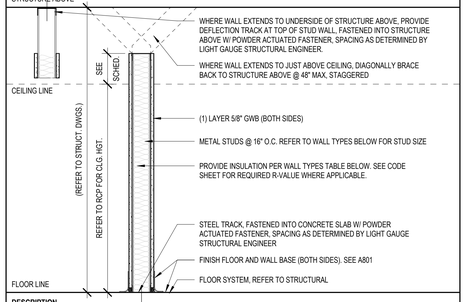


DESCRIPTION

METAL STUDS @ 16" OC. PROVIDE 5/8" GYP BD ON EACH SIDE, SEE WALL TYPES TABLE BELOW FOR LAYER COUNT AND GYP TYPE. EXTEND TO UNDERSIDE OF DECK ABOVE AND SEAL. IN RATED ASSEMBLIES, PROVIDE FIRE-RATED MATERIALS PER UL. REFER TO WALL TYPES TABLE BELOW FOR STUD SIZE AND INSULATION INFORMATION. REFER TO **WALL STENCILING** GENERAL NOTES, THIS PAGE.

TAG	STUD	UL #	RATING	INSULATION	TYPE COMMENTS
M07	3-5/8"	U419	1 HR	SOUND BATT	(1) LAYER TYPE 'X' GYP EACH SIDE.
M47	6"	U419	1 HR	SOUND BATT	(1) LAYER TYPE 'X' GYP EACH SIDE.

COMMON PARTITIONS



DESCRIPTION

METAL STUDS @ 16" OC WITH (1) LAYER OF 5/8" GYP BD, EACH SIDE. SEE WALL TYPES TABLE BELOW FOR STUD SIZE AND ADDITIONAL INFORMATION.

TAG	STUD	HEIGHT	INSULATION	TYPE COMMENTS
M01	3-5/8"	CLG +6"	-	
M04	3-5/8"	TO DECK	SOUND BATT	
M44	6"	TO DECK	SOUND BATT	

GENERAL PARTITION NOTES

1. AT NEW WALLS, PLAN DIMENSIONS ARE TO FACE OF CORE (STUD, CMU, CONCRETE, ETC), AT EXISTING WALLS, PLAN DIMENSIONS ARE TO FINISH FACE UNLESS SPECIFICALLY NOTED OTHERWISE.
2. REFERENCE ALL FLOOR PLANS AND LIFE SAFETY PLANS FOR RATED WALL LOCATIONS AND RATINGS.
3. AT ALL UL RATED WALLS THAT EXTEND TO THE STRUCTURE ABOVE, FILL VOIDS SOLID WITH MINERAL WOOL INSULATION WHERE WALL IS FRAMED AROUND BEAMS, BAR JOISTS, SLABS, AND ROOF DECK. MAINTAIN SCHEDULED SOUND RATING.
4. AT ALL JOINTS AT TOP OF ALL FIRE RATED PARTITIONS: PROVIDE COMPLETE UL LISTED FIRE RESISTIVE JOINT SYSTEM TO MATCH FIRE RESISTANCE OF WALL ASSEMBLY THAT IS ALSO COMPATIBLE WITH JOINT SUBSTRATES. SUBMIT COMPLETE JOINT SYSTEM PRODUCT INFORMATION FOR ALL CONDITIONS.
5. GYPSUM WALL BOARD LAYERS ON RATED WALLS SHALL BE CONTINUOUS THROUGH ALL INTERSECTIONS WITH NON-RATED WALLS. REFER TO FIRE WALL PRIORITY DIAGRAM.
6. AT ALL SOUND RATED WALLS, PROVIDE FLEXIBLE SEALANT OR AN ACOUSTICAL GASKET BETWEEN THE STC RATED SYSTEM AND ALL DISSIMILAR SURFACES (E.G. PENETRATIONS) AND ALSO BETWEEN THE SYSTEM AND SIMILAR SURFACES WHERE PERIMETER RELIEF IS REQUIRED. ALL OPENINGS THROUGH THE SYSTEM, AND ITS ENTIRE PERIMETER, SHALL BE SEALED AIRTIGHT. TAPING GYPSUM BOARD WALL AND WALL-CEILING INTERSECTIONS PROVIDES AN ADEQUATE AIR SEAL AT THESE LOCATIONS.
7. WHERE INDICATED BY WALL TYPE, SOUND ATTENUATION BLANKET SHALL RUN FULL HEIGHT OF PARTITION. SOUND ATTENUATION BATT SHALL BE MADE OF MINERAL WOOL OR OTHER UL APPROVED MATERIAL.
8. PROVIDE TYPE X, MOLD AND MOISTURE RESISTANT GYPSUM BOARD IN ALL TOILET AND JANITOR ROOMS.
9. PROVIDE CEMENT BOARD IN ALL WET SHOWER AREA WALLS WITH TILE FINISH.
10. ANY PORTION OF GYPSUM BOARD THAT BECOMES WET OR SHOWS SIGNS OF MOISTURE DAMAGE, EITHER BEFORE OR AFTER INSTALLATION, IS TO BE REMOVED IMMEDIATELY AND REPLACED WITH NEW DRY GYPSUM BOARD.
11. INTERIOR PARTITIONS MAY HAVE ADDITIONAL FINISHES, SUCH AS WALL TILES OR WOOD PANELING. SEE FINISH SCHEDULE AND DETAIL SHEETS FOR ADDITIONAL INFORMATION.
12. GYPSUM BOARD ON WALLS SHALL BE APPLIED WITH A MINIMUM 1/4 " GAP BETWEEN THE GYPSUM BOARD AND THE FLOOR AND SHALL NOT BE APPLIED OVER OTHER BUILDING MATERIALS WHERE CONDITIONS EXIST THAT ARE FAVORABLE TO MOLD GROWTH.
13. GENERAL CONTRACTOR SHALL VERIFY SPACING AND GAUGE OF INTERIOR STUDS, LIMITING HEIGHTS AND ALLOWABLE DEFLECTION FOR SPECIFIC APPLICATIONS BASED ON MANUFACTURERS REQUIREMENTS. AT A MINIMUM STUDS SHALL BE 20 GAUGE OR GREATER.
14. GENERAL CONTRACTOR SHALL COORDINATE ROOF DRAIN LEADER LOCATIONS WITHIN WALLS.
15. GENERAL CONTRACTOR IS TO COORDINATE AND PROVIDE ALL REQUIRED BLOCKING WITHIN THE WALLS. THIS INCLUDES BUT IS NOT LIMITED TO, ALL MILLWORK, CASEWORK, GRAB BARS, WALL MOUNTED EQUIPMENT, TOILET ACCESSORIES, AND TOILET PARTITIONS.
16. IT IS NOT THE INTENT OF THE DOCUMENTS TO IDENTIFY EACH INDIVIDUAL WALL WITH A WALL TAG. MINOR WALLS OR OTHER WALLS NOT TAGGED WILL BE OF THE SAME WALL TYPE AS ADJACENT WALLS.
17. FIRE RESISTANT ASSEMBLIES AS WELL AS JOINTS AND PENETRATIONS SHALL BE CONSTRUCTED ACCORDING TO DETAILS PROVIDED BY APPROVED TESTING AGENCIES IN ACCORDANCE WITH TEST PROCEDURES ASTM E 119 OR UL 263.
18. PROVIDE IMPACT RESISTANT GYPSUM BOARD UP TO 4'-0" IN ALL LOBBIES, CORRIDORS, & STAIRWELLS.

CONTROL JOINT NOTES

GYPSUM BOARD:

1. PROVIDE CONTROL JOINTS AT SPACINGS NO GREATER THAN 20 '-0" O.C., BUT NO LESS THAN 16 '-0". INSTALL CONTROL JOINTS ACCORDING TO ASTM C 840 AND IN SPECIFIC LOCATIONS APPROVED BY ARCHITECT FOR VISUAL EFFECT. PRIOR TO INSTALLATION, SUBMIT CONTROL JOINT LOCATION PLAN TO ARCHITECT FOR REVIEW.

WALL STENCILING

ICC CHAPTER 7: MARKING AND IDENTIFICATION. WHERE THERE IS AN ACCESSIBLE CONCEALED FLOOR, FLOOR-CEILING OR ATTIC SPACE, FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS AND SMOKE PARTITIONS OR ANY OTHER WALL REQUIRED TO HAVE PROTECTED OPENINGS OR PENETRATIONS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING IN THE CONCEALED SPACE. SUCH IDENTIFICATION SHALL:

1. BE LOCATED WITHIN 15 FEET (4572 MM) OF THE END OF EACH WALL AND AT INTERVALS NOT EXCEEDING 30 FEET (9144 MM) MEASURED HORIZONTALLY ALONG THE WALL OR PARTITION.
2. INCLUDE LETTERING NOT LESS THAN 3 INCHES (76 MM) IN HEIGHT WITH A MINIMUM 3/8-INCH (9.5 MM) STROKE IN A CONTRASTING COLOR INCORPORATING THE SUGGESTED WORDING, "FIRE AND/OR SMOKE BARRIER—PROTECT ALL OPENINGS," OR OTHER WORDING.

RATING	STENCIL
1 HR	ONE HOUR FIRE BARRIER
1 HR SMOKE	ONE HOUR FIRE AND SMOKE BARRIER
2 HR	TWO HOUR FIRE BARRIER
2 HR SMOKE	TWO HOUR FIRE AND SMOKE BARRIER
SMOKE	SMOKE PARTITION

springline architects — A NOVUS ARCHITECTS Company

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS

OFFICE OF DISASTER RECOVERY — U.S. VIRGIN ISLANDS

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS — DEPARTMENT OF HEALTH

IN PROGRESS DOCUMENTS FOR INTERIM REVIEW ONLY. NOT FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Programming	10/15/2025
B	30% CDs	04/06/2026
C	60% CDs	
D	90% CDs	
E	100% CDs	

KNUD HANSEN DOH TOWER
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

WALL & PARTITION TYPES

REVISIONS:

No.	Description	Date

DRAWN BY: Author
CHECKED BY: JT
DATE: 04.06.2026

NOVUS JOB NUMBER
470-23-50
CDR TASK ORDER NUMBER
010-8-101472

SHEET NUMBER
G201

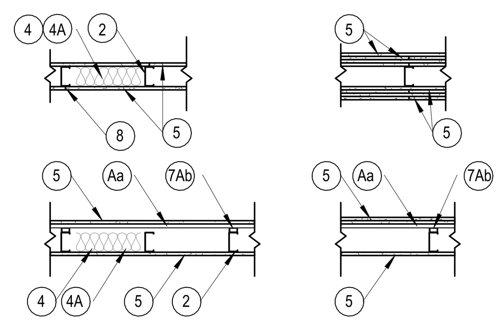
B: 30% CONSTRUCTION DOCUMENTS

NOT FOR CONSTRUCTION

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.

Design No. U419
BXUV.U419
Fire-resistance Ratings - ANSI/UL 263
BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States
BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
July 12, 2018
Nonbearing Wall Ratings — 1, 2, 3 or 4 Hr (See Items 4 & 5 through 5K)
* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



1. Floor and Ceiling Runners — (Not Shown) — For use with Item 2 — Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min depth to accommodate stud size, with min 1-1/4 in. long legs, attached to floor and ceiling with fasteners 24 in. OC max.

1A. Framing Members* — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 2B, proprietary channel shaped runners, 3-5/8 in. deep attached to floor and ceiling with fasteners 24 in. OC max.

CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper25™ Track

CRACO MFG INC — SmartTrack25™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper25™ Track

FUSION BUILDING PRODUCTS — Viper25™ Track

IMPERIAL MANUFACTURING GROUP INC — Viper25™ Track

1B. Framing Members* — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 2C, proprietary channel shaped runners, 1-1/4 in. wide by 3-5/8 in. deep fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper20™ Track

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track

FUSION BUILDING PRODUCTS — Viper20™ Track

IMPERIAL MANUFACTURING GROUP INC — Viper20™ Track

1C. Framing Members* — Floor and Ceiling Runners — (Not Shown) — In lieu of Item 1 — Channel shaped, attached to floor and ceiling with fasteners 24 in. OC. max.

ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME Framing System

CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME Framing System

QUAIL RUN BUILDING MATERIALS INC — Type SUPREME Framing System

SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME Framing System

STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME Framing System

UNITED METAL PRODUCTS INC — Type SUPREME Framing System

1D. Floor and Ceiling Runners — (Not Shown) — For use with Item 2A — Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, min depth to accommodate stud size, with min 1 in. long legs, attached to floor and ceiling with fasteners spaced max 24 in. OC.

1E. Framing Members* — Floor and Ceiling Runners — (Not Shown, As an alternate to Item 1) — For use with Items 2E, 5F or 5G or 5I only, channel shaped, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, attached to floor and ceiling with fasteners 24 in. OC. max.

CLARKDIETRICH BUILDING SYSTEMS — CD ProTRAK

DMFCWBS L L C — ProTRAK

MBA METAL FRAMING — ProTRAK

RAM SALES L L C — Ram ProTRAK

STEEL STRUCTURAL PRODUCTS L L C — Tri-S ProTRAK

1F. Framing Members* — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 2F, proprietary channel shaped runners, minimum width to accommodate stud size, with 1- 1/8 in. long legs fabricated from min 0.015 in. (min bare metal thickness) galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.
SUPER STUD BUILDING PRODUCTS — The Edge

1G. Framing Members* — Floor and Ceiling Runner — For use with Item 2G, proprietary channel shaped runners, minimum width to accommodate stud size attached to floor and ceiling with fasteners 24 in. OC max.
STUDCO BUILDING SYSTEMS — CROCSTUD Track

1H. Floor and Ceiling Runners — (Not Shown) — Channel shaped, fabricated from min 0.02 in. galv steel, min width to accommodate stud size, with min 1 in. long legs, for use with studs specified below and fabricated from min 0.018 in. galv steel or thicker, attached to floor and ceiling with fasteners spaced max 24 in. OC.

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track VT100

FUSION BUILDING PRODUCTS — Viper20™ Track VT100

IMPERIAL MANUFACTURING GROUP INC — Viper20™ Track VT100

1I. Framing Members* — Floor and Ceiling Runners — (Not Shown, As an alternate to Item 1) — For use with Items

2H, channel shaped, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, attached to floor and ceiling with fasteners 24 in. OC. max.

TELLING INDUSTRIES L L C — TRUE-TRACK™

1J. Framing Members* — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 2I, proprietary channel shaped runners, 3-5/8 in. deep attached to floor and ceiling with fasteners 24 in. OC max.

TELLING INDUSTRIES L L C — Viper25™ Track

1K. Framing Members* — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 2J, proprietary channel shaped runners, 1-1/4 in. wide by 3-5/8 in. deep fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

TELLING INDUSTRIES L L C — Viper20™ Track

1L. Framing Members* — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 2N, proprietary channel shaped runners, 1-1/4 in. wide by min. 3-1/2 in. deep fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

STEEL INVESTMENT GROUP L L C — AlphaTRAK

1M. Framing Members* — Floor and Ceiling Runners — Not Shown — As an alternate to Item 1 — For use with Item 2O, proprietary channel shaped runners, min width to accommodate stud size, galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

RONDO BUILDING SERVICES PTY LTD — Rondo Wall Track

1N. Framing Members* — Floor and Ceiling Runners — Not Shown — As an alternate to Item 1 — For use with Item 2P, proprietary channel shaped runners, min width to accommodate stud size, galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

OEG BUILDING MATERIALS — OEG Track

1O. Framing Members* — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 2Q, proprietary channel shaped runners, min width to accommodate stud size, fabricated from min. 25 MSG (0.018 in. min. bare metal thickness), attached to floor and ceiling with fasteners spaced 24 in. OC max.

CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper X Track

2. Steel Studs — Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.

2A. Steel Studs — (As an alternate to Item 2, For use with Items 5B, 5E, 5H, 5J and 5K) — Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, 3-1/2 in. min depth, spaced a max of 16 in. OC. Studs friction-fit into floor and ceiling runners. Studs to be cut 5/8 to 3/4 in. less than assembly height.

2B. Framing Members* - Steel Studs — (As an alternate to Item 2, For use with Items 5C, 5I or 5K) — Proprietary channel shaped studs, 3-5/8 in. deep spaced a max of 24 in. OC. Studs to be cut 3/4 in less than the assembly height and installed with a 1/2 in. gap between the end of the stud and track at the bottom of the wall. For direct attachment of gypsum board only.

CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper25™

CRACO MFG INC — SmartStud25™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper25™

FUSION BUILDING PRODUCTS — Viper25™

IMPERIAL MANUFACTURING GROUP INC — Viper25™

2C. Framing Members* — Steel Studs — Not Shown — In lieu of Item 2 — proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max if 24 in. OC, fabricated from min 0.018 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights.

CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper20™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™

FUSION BUILDING PRODUCTS — Viper20™

IMPERIAL MANUFACTURING GROUP INC — Viper20™

2D. Framing Members* — Steel Studs — In lieu of Item 2 — Channel shaped studs, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME Framing System

CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME Framing System

QUAIL RUN BUILDING MATERIALS INC — Type SUPREME Framing System

SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME Framing System

STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME Framing System

UNITED METAL PRODUCTS INC — Type SUPREME Framing System

2E. Framing Members* — Steel Studs — (Not Shown, As an alternate to Item 2) — For use with Items 5F or 5G or 5I or 5K only, channel shaped studs, min depth as indicated under Item 5F, 5G or 5I, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

CLARKDIETRICH BUILDING SYSTEMS — CD ProSTUD

DMFCWBS L L C — ProSTUD

MBA METAL FRAMING — ProSTUD

RAM SALES L L C — Ram ProSTUD

STEEL STRUCTURAL PRODUCTS L L C — Tri-S ProSTUD

2F. Framing Members* — Steel Studs — Not Shown — In lieu of Item 2 — proprietary channel shaped steel studs, minimum width indicated under Item 5, 1-1/4 in. deep fabricated from min 0.015 in. (min bare metal thickness) galvanized steel. Studs 3/8 in. to 3/4 in. less in lengths than assembly heights.

SUPER STUD BUILDING PRODUCTS — The Edge

2G. Framing Members* — Steel Studs — Not Shown — In lieu of Item 2 — proprietary channel shaped studs, minimum width indicated under Item 5, Studs to be cut 3/8 to 3/4 in less than the assembly height.

STUDCO BUILDING SYSTEMS — CROCSTUD

2H. Framing Members* — Steel Studs — (Not Shown, As an alternate to Item 2) — Fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

TELLING INDUSTRIES L L C — TRUE-STUD™

2I. Framing Members* — Steel Studs — (As an alternate to Item 2, For use with Items 5C or 5L or 5K) — Proprietary channel shaped studs, 3-5/8 in. deep spaced a max of 24 in. OC. Studs to be cut 3/4 in less than the assembly height and
installed with a 1/2 in. gap between the end of the stud and track at the bottom of the wall. For direct attachment of gypsum board only.

TELLING INDUSTRIES L L C — Viper25™

2J. Framing Members* — Metal Studs — Not Shown — In lieu of Item 2 — proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max if 24 in. OC, fabricated from min 0.018 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights

TELLING INDUSTRIES L L C — Viper20™

2K. Framing Members* — Steel Studs — As an alternate to Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.

EB METAL INC — NITROSTUD

2L. Framing Members* — Steel Studs — As an alternate to Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.

OLMAR SUPPLY INC — PRIMESTUD

2M. Framing Members* — Steel Studs — As an alternate to Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC — StudRite™

2N. Framing Members*— Steel Studs — As an alternate to Item 2 — proprietary channel shaped steel studs, min depth 3-1/2 in. and as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min 0.018 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in length than assembly height.

STEEL INVESTMENT GROUP L L C — AlphaSTUD

2O. Framing Members* — Steel Studs — As an alternate to Item 2 — proprietary channel shaped steel studs, min width as indicated under Item 5, galv steel. Studs to be cut 3/8 to 3/4 in. less in lengths than assembly height. Spaced 24 in. OC max.

RONDO BUILDING SERVICES PTY LTD — Rondo Lipped Wall Stud

2P. Framing Members* — Steel Studs — As an alternate to Item 2 — proprietary channel shaped steel studs, min width as indicated under Item 5, min 25 MSG galv steel. Studs to be cut 3/8 to 3/4 in. less in lengths than assembly height. Spaced 24 in. OC max.

OEG BUILDING MATERIALS — OEG Stud

2Q. Framing Members* — Steel Studs — Not Shown — In lieu of Item 2 — For use with Item 1O, proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min 25 MSG (0.018 in. min. bare metal thickness). Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights.

CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper X

3. Wood Structural Panel Sheathing — (Optional, For use with Item 5 Only) — (Not Shown) — 4 ft wide, 7/16 in. thick oriented strand board (OSB) or 15/32 in. thick structural 1 sheathing (plywood) complying with DOC PS1 or PS2, or APA Standard PRP-108, manufactured with exterior glue, applied horizontally or vertically to the steel studs. Vertical joints centered on studs, and staggered one stud space from wallboard joints. Attached to studs with flat-head self-drilling tapping screws with a min. head diam. of 0.292 in. at maximum 6 in. OC. in the perimeter and 12 in. OC. in the field. When used, gypsum panels attached over OSB or plywood panels and fastener lengths for gypsum panels increased by min. 1/2 in.

4. Batts and Blankets* — (Required as indicated under Item 5) — Mineral wool batts, friction fitted between studs and runners. Min nom thickness as indicated under Item 5.
See Batts and Blankets (BKNV or BZJZ) Categories for names of Classified companies.

4A. Batts and Blankets* — (Optional) — Placed in stud cavities, any glass fiber or mineral wool insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance.
See Batts and Blankets (BKNV or BZJZ) Categories for names of Classified companies.

4B. Batts and Blankets* — For use with Item 5K. Placed in stud cavities, any min. 3-1/2 in. thick glass fiber insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance.
See Batts and Blankets (BKNV or BZJZ) Categories for names of Classified companies.

4C. Fiber, Sprayed* — (Optional) and as an alternate to Batts and Blankets (Item 4B) where insulation is required - Spray applied granulated mineral fiber material. The fiber is applied with adhesive at a minimum density of 4.0 pcf to completely fill the wall cavity in accordance with the application instructions supplied with the product. See Fiber, Sprayed (CCAZ).

AMERICAN ROCKWOOL MANUFACTURING, LLC — Type Rockwool Premium Plus

5. Gypsum Board* — Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. The thickness and number of layers for the 1 hr, 2 hr, 3 hr and 4 hr ratings are as follows:

Rating, Hr	Min Stud Depth, in. Items 2, 2C, 2D, 2F, 2G, 2O	No. of Layers & Thkns of Panel	Min Thkns of Insulation (Item 4)
1	3-1/2	1 layer, 5/8 in. thick	Optional
1	2-1/2	1 layer, 1/2 in. thick	1-1/2 in.
1	1-5/8	1 layer, 3/4 in. thick	Optional
2	1-5/8	2 layers, 1/2 in. thick	Optional
2	1-5/8	2 layers, 5/8 in. thick	Optional
2	3-1/2	1 layer, 3/4 in. thick	3 in.
3	1-5/8	3 layers, 1/2 in. thick	Optional
3	1-5/8	2 layers, 3/4 in. thick	Optional
3	1-5/8	3 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 1/2 in. thick	Optional
4	2-1/2	2 layers, 3/4 in. thick	2 in.

CGC INC — 1/2 in. thick Type C, IP-X2 or IPC-AR; WRC, 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX,

WRX or WRC; 3/4 in. thick Types IP-X3 or ULTRACODE

UNITED STATES GYPSUM CO — 1/2 in. thick Type C, IP-X2, IPC-AR or WRC; 5/8 in. thick Type SCX, SGX, SHX, WRX,

IP-X1, AR, C, WRC, FRX-G, IP-AR, IP-X2, IPC-AR; 3/4 in. thick Types IP-X3 or ULTRACODE

USG BORAL DRYWALL SFZ LLC — 1/2 in. Type C; 5/8 in. Types C, SCX, SGX, ULTRACODE

USG MEXICO S A DE C V — 1/2 in. thick Type C, IP-X2, IPC-AR or WRC; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2,

IPC-AR, SCX, SHX, WRX, WRC or; 3/4 in. thick Types IP-X3 or ULTRACODE

When Item 7B, Steel Framing Members*, is used, Nonbearing Wall Rating is limited to 1 Hr. Min. stud depth is 3-1/2 in., min. thickness of insulation (Item 4) is 3 in., and two layers of gypsum board panels (1/2 in. or 5/8 in. thick) shall be attached to furring channels as described in Item 6. One layer of gypsum board panels (1/2 in. or 5/8 in. thick) attached to opposite side of stud without furring channels as described in Item 6.

5A. Gypsum Board* — (As an alternate to Item 5) — 5/8 in. thick, 24 to 54 in. wide, applied horizontally as the outer layer to one side of the assembly. Secured as described in Item 6.

CGC INC — Type SHX.

UNITED STATES GYPSUM CO — Type FRX-G, SHX.

USG MEXICO S A DE C V — Type SHX.

5B. Gypsum Board* — (Not Shown) — As an alternate to Item 5 when used as the base layer on one or both sides of wall when 5/8 in or 3/4 in. thick products are specified. For direct attachment only to steel studs Item 2A, (not to be used with Item 3) — Nom 5/8 in. or 3/4 in. may be used as alternate to all 5/8 in. or 3/4 in. shown in Item 5, Wallboard Protection on Each Side of Wall table. Nom 5/8 in. or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Gypsum board secured to 20 MSG steel studs Item 2A with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. To be used with Lead Batten Strips (see Item 11) or Lead Discs or Tabs (see Item 12).

RAY-BAR ENGINEERING CORP — Type RB-LBG

5C. Gypsum Board* — (For Use With Item 2B) — Rating Limited to 1 Hour. 5/8 in. thick, 48 in. wide, Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. (Vertical Application) - The gypsum board is to be installed on each side of the studs with 1 in. long Type S coated steel screws spaced 8 in. OC starting 4 in. from the edge of the board at the vertical edges and 12 in. OC starting 6 in. from the edge of the board at the center of each board. Gypsum boards are to be secured to the top and bottom track with screws spaced 8 in. OC starting 4 in. from the board edge. Fasteners shall not penetrate through both the stud and the track at the same time. Vertical joints are to be centered over studs and staggered one stud cavity on opposite sides of studs. (Horizontal Application) - The gypsum board is to be installed on each side of the studs with 1 in. long Type S coated steel screws spaced 8 in. OC starting 4 in. from the edge of the board at the vertical edges and 12 in. OC starting 6 in. from the edge of the board at the center of each board. Gypsum boards are to be secured to the top and bottom track with screws spaced 8 in. OC starting 4 in. from the board edge. Fasteners shall not penetrate through both the stud and the track at the same time. All horizontal joints are to be backed as outlined under section VI of Volume 1 in the Fire Resistive Directory.

CGC INC — Type SCX.

UNITED STATES GYPSUM CO — Type SCX, SGX.

USG BORAL DRYWALL SFZ LLC — Type SCX

USG MEXICO S A DE C V — Type SCX

5D. Gypsum Board* — (As an alternate to Item 5) — 5/8 in. thick, 48 in. wide, applied vertically or horizontally. Secured as described in Item 6. For use with Items 1 and 2 only.

CGC INC — Type USGX

UNITED STATES GYPSUM CO — Type USGX

USG BORAL DRYWALL SFZ LLC — Type USGX

USG MEXICO S A DE C V — Type USGX

5E. Gypsum Board* — (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 1/2 in. or 5/8 in thick products are specified, For direct attachment only to steel studs Item 2A, not to be used with Item 3). Nominal 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 (or No. 6 by 1-1/4 in. long bugle head fine driller) steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field.

NEW ENGLAND LEAD BURNING CO INC, DBA NELCO — Nelco

5F. Gypsum Board* — (As an alternate to Item 5) — For use with Items 1E and 2E and limited to 1 Hour Rating only, Gypsum panels with beveled, square or tapered edges, applied vertically, and fastened to the steel studs with 1 in. long Type S screws spaced 8 in. OC along vertical and bottom edges and 12 in. OC in the field. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Steel stud depth shall be a minimum 3-5/8 in.

UNITED STATES GYPSUM CO — 5/8 in. thick Type SCX, SGX

USG BORAL DRYWALL SFZ LLC — 5/8 in. thick Type SCX, SGX

5G. Gypsum Board* — (As an alternate to Item 5) — For use with Items 1E and 2E only, Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally, as specified in the table below and fastened to the steel studs as described in Item 6. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs.

Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. The thickness and number of layers for the 2 hr, 3 hr and 4 hr ratings are as follows:

Gypsum Board Protection on Each Side of Wall

Rating, Hr	Min Stud Depth, in. Item 2E	No. of Layers & Thkns of Panel	Min Thkns of Insulation (Item 4)
2	1-5/8	2 layers, 1/2 in. thick	Optional
2	1-5/8	2 layers, 5/8 in. thick	Optional
3	1-5/8	3 layers, 1/2 in. thick	Optional
3	1-5/8	3 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 1/2 in. thick	Optional

CGC INC — 1/2 in. thick Type C, IP-X2 or IPC-AR;, 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, or; 3/4 in. thick Types IP-X3 or ULTRACODE

UNITED STATES GYPSUM CO — 1/2 in. thick Type C, IP-X2, IPC-AR or; 5/8 in. thick Type SCX, SGX, SHX, IP-X1, AR, C, , FRX-G, IP-AR, IP-X2, IPC-AR, ULIX; 3/4 in. thick Types IP-X3 or ULTRACODE

USG BORAL DRYWALL SFZ LLC — 1/2 in. Type C; 5/8 in. Types C, SCX, SGX, ULTRACODE

USG MEXICO S A DE C V — 1/2 in. thick Type C, IP-X2, IPC-AR or; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, or; 3/4 in. thick Types IP-X3 or ULTRACODE

5H. Gypsum Board* — (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 5/8 or 3/4 in thick products are specified. For direct attachment only to steel studs Item 2A, (not to be used with Item 3) - Nom 5/8 or 3/4 in. may be used as alternate to all 5/8 or 3/4 in. shown in Item 5, Wallboard Protection on Each Side of Wall table. Nom 5/8 or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over 20 MSG steel studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Gypsum board secured to 20 MSG steel studs Item 2B with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. For Joint Compound see Item 5. To be used with Lead Batten Strips (see Item 11A) or Lead Discs (see Item 12A).

MAYCO INDUSTRIES INC — Type X-Ray Shielded Gypsum

5I. Gypsum Board* — (As an alternate to Item 5) — Nom. 5/8 in. thick gypsum panels with beveled, square or tapered edges installed as described in Item 5. Steel stud minimum depth shall be as indicated in Item 5.

CGC INC — Type ULX

UNITED STATES GYPSUM CO — Type ULX

USG MEXICO S A DE C V — Type ULX

5J. Gypsum Board* — (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 1/2 in. or 5/8 in thick products are specified, For direct attachment only to steel studs Item 2A, not to be used with Item 3). Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws gypsum panel steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 8 ft long with a max thickness of 0.14 in. placed on the face of studs and attached to the stud with construction adhesive and two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, nominal 3/8 in. diam by max 0.085 in. thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".

RADIATION PROTECTION PRODUCTS INC — Type RPP - Lead Lined Drywall

5K. Gypsum Board* — (Not Shown) — (As an alternate to Item 5) — Nom. 5/8 in. thick gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) need not be staggered. The number of layers for the 1 hr, 2 hr, 3 hr and 4 hr ratings are as follows:

Gypsum Board Protection on Each Side of Wall

Rating, Hr	Min Stud Depth, in. Items 2, through 2O	No. of Layers & Thkns of Panel	Min Thkns of Insulation (Item 4B)
1	3-5/8	1 layer, 5/8 in. thick	3-1/2 in.
2	1-5/8	2 layers, 5/8 in. thick	Optional
3	1-5/8	3 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 5/8 in. thick	Optional

UNITED STATES GYPSUM CO — 5/8 in. thick Type ULIX

6. Fasteners — (Not Shown) — For use with Items 2 and 2F - Type S or S-12 steel screws used to attach panels to studs (Item 2) or furring channels (Item 7). Single layer systems: 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 8 in. OC when panels are applied horizontally, or 8 in. OC along vertical and bottom edges and 12 in. OC in the field when panels are applied vertically. Two layer systems: First layer- 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels or 2-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC with screws offset 8 in. from first layer.Threelayer systems: First layer- 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in., 5/8 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below. Four-layer systems: First layer- 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 24 in. OC. Fourth layer- 2-5/8 in. long for 1/2 in. thick panels or 3 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below.

7. Furring Channels — (Optional, Not Shown, for single or double layer systems) — Resilient furring channels fabricated from min 25 MSG corrosion-protected steel, spaced vertically a max of 24 in. OC. Flange portion attached to each intersecting stud with 1/2 in. long Type S-12 steel screws. Not for use with Item 5A.

7A. Framing Members* — (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 7, furring channels and Steel Framing Members as described below:

a. Furring Channels — Formed of No. 25 MSG galv steel. 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 6. Not for use with Item 5A.

b. Steel Framing Members* — Used to attach furring channels (Item 7Aa) to studs (Item 2). Clips spaced max. 48 in. OC. RSIC-1 and RSIC-1 (2.75) clips secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. RSIC-V and RSIC-V (2.75) clips secured to studs with No. 8 x 9/16 in. minimum self-drilling, S-12 steel screw through the center hole. Furring channels are friction fitted into clips. RSIC-1 and RSIC-V clips for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) and RSIC-V (2.75) clips for use with 2-23/32 in. wide furring channels.

PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-V, RSIC-1 (2.75), RSIC-V (2.75).

7B. Framing Members* — (Optional, Not Shown) — As an alternate to Item 7, for single or double layer systems, furring
channels and Steel Framing Members on only one side of studs as described below:

a. Furring Channels — Formed of No. 25 MSG galv steel, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Batts and Blankets placed in stud cavity as described in Item 5. Two layers of gypsum board attached to furring channels as described in Item 5. Not for use with Item 5A.

b. Steel Framing Members* — Used to attach furring channels (Item 7Ba) to one side of studs (Item 2) only. Clips spaced 48 in. OC., and secured to studs with two No. 8 x 2-1/2 in. coarse drywall screws, one through the hole at each end of the clip. Furring channels are friction fitted into clips.

KINETICS NOISE CONTROL INC — Type Isomax

7C. Framing Members* — (Not Shown) — (Optional on one or both sides, not shown, for single or double layer systems)
— As an alternate to Item 7, furring channels and Steel Framing Members as described below:

a. Furring Channels — Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 6. Not for use with Item 5A.

b. Steel Framing Members* — Used to attach furring channels (Item 7Ca) to studs (Item 2). Clips spaced max. 48 in. OC. GENIECLIPS secured to studs with No. 8 x 1-1/2 in. minimum selfdrilling, S-12 steel screw through the center grommet. Furring channels are friction fitted into clips.

PLITEQ INC — Type GENIECLIP

7D. Steel Framing Members* — (Optional on one or both sides, not shown, for single or double layer systems) —
Furring channels and Steel Framing Members as described below:

a. Furring Channels — Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire.. Gypsum board attached to furring channels as described in Item 6. Not for use with Item 5A.

b. Steel Framing Members* — Used to attach furring channels (Item 7Da) to studs. Clips spaced 48 in. OC., and secured to studs with 2 in. coarse drywall screw with 1 in. diam washer through the center hole. Furring channels are friction fitted into clips

STUDCO BUILDING SYSTEMS — RESILMOUNT Sound Isolation Clips - Type A237 or A237R

7E. Steel Framing Members* — (Optional on one or both sides, not shown, for single or double layer systems) — Furring channels and Steel Framing Members as described below:

a. Furring Channels — Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item 7Eb. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire.. Gypsum board attached to furring channels as described in Item 6. Not for use with Item 5A and 5E.

b. Steel Framing Members* — Used to attach furring channels (Item 7Ea) to studs. Clips spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.

REGUPOL AMERICA — Type SonusClip

7F. Steel Framing Members* — (Optional on one or both sides, not shown, for single or double layer systems) — Resilient channels and Steel Framing Members as described below:

a. Resilient Channels — Formed of No. 25 MSG galv steel, spaced 24 in. OC, and perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and secured in place with two No. 8 15 x 1/2 in. Philips Modified Truss screws spaced 2-1/2 in. from the center of the overlap. Gypsum board attached to resilient channels as described in Item 5.

b. Steel Framing Members* — Used to attach resilient channels (Item 7Fa) to studs. Clips spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center hole. Resilient channels are secured to clips with one No. 10 x 1/2 in. pan-head self-drilling screw.

KEENE BUILDING PRODUCTS CO INC — Type RC+ Assurance Clip

8. Joint Tape and Compound — Vinyl or casein, dry or premixed joint compound applied in two coats to joints and screw
heads of outer layers. Paper tape, nom 2 in. wide, embedded in first layer of compound over all joints of outer layer
panels. Paper tape and joint compound may be omitted when gypsum panels are supplied with a square edge.

9. Siding, Brick or Stucco — (Optional, Not Shown) — Aluminum, vinyl or steel siding, brick veneer or stucco, meeting
the requirements of local code agencies, installed over gypsum panels. Brick veneer attached to studs with corrugated
metal wall ties attached to each stud with steel screws, not more than each sixth course of brick.

10. Caulking and Sealants* — (Optional, Not Shown) — A bead of acoustical sealant applied around the partition perimeter for sound control.

UNITED STATES GYPSUM CO — Type AS

11. Lead Batten Strips — (Not Shown, For Use With Item 5B) — Lead batten strips, min 1-1/2 in. wide, max 10 ft long
with a max thickness of 0.125 in. Strips placed on the interior face of studs and attached from the exterior face of the stud
with two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead
batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips
required behind vertical joints of lead backed gypsum wallboard (Item 5B) and optional at remaining stud locations.
Required behind vertical joints.

11A. Lead Batten Strips — (Not Shown, For Use With Item 5H) — Lead batten strips, 2 in. wide, max 10 ft long with a
max thickness of 0.140 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type
S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min.
Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.5% meeting the Federal
specification QQ-L-201f, Grades "B, C or D". Lead batten strips required behind vertical joints of lead backed gypsum
wallboard and optional at remaining stud locations.

12. Lead Discs or Tabs — (Not Shown, For Use With Item 5B) — Used in lieu of or in addition to the lead batten strips
(Item 11) or optional at other locations - Max 3/4 in. diam by max 0.125 in. thick lead discs compression fitted or adhered
over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs placed on gypsum boards (Item 5B)
underneath screw locations prior to the installation of the screws. Lead discs or tabs to have a purity of 99.9% meeting
the Federal specification QQ-L-201f, Grade "C".

12A. Lead Discs — (Not Shown, for use with Item 5H) — Max 5/16 in. diam by max 0.140 in. thick lead discs compression fitted or adhered over steel screw heads. Lead discs to have a purity of 99.5% meeting the Federal Specification QQ-L-201f, Grades "B, C or D".

13. Lead Batten Strips — (Not Shown, For Use With Item 5E) — Lead batten strips, 2 in. wide, max 10 ft long with a
max thickness of 0.142 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type
S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min.
Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal
specification QQ-L-201f, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard
(Item 5E) and optional at remaining stud locations.

14. Lead Tabs — (Not Shown, For Use With Item 5E) — 2 in. wide, 5 in. long with a max thickness of 0.142 in. Tabs
friction-fit around front face of stud, the stud folded back flange, and the back face of the stud. Tabs required at each
location where a screw (that secures the gypsum boards, Item 5E) will penetrate the steel stud. Lead tabs to have a purity
of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead tabs may be held in place with standard adhesive
tape if necessary.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification
(such as Canada), respectively.

© 2018 UL LLC

REPRINTED FROM THE ONLINE CERTIFICATIONS DIRECTORY WITH PERMISSION FROM UL, ©2019 UL LLC

springline architects
— A NOVUSARCHITECTS Company

INPROGRESS DOCUMENTS
FOR INTERIM REVIEW ONLY.
NOT FOR REGULATORY APPROVAL,
PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Programming	10/15/2025
B	30% CDs	04/06/2026
C	60% CDs	
D	90% CDs	
E	100% CDs	

KNUD HANSEN DOH TOWER
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

UL DETAILS

REVISIONS:

No.	Description	Date

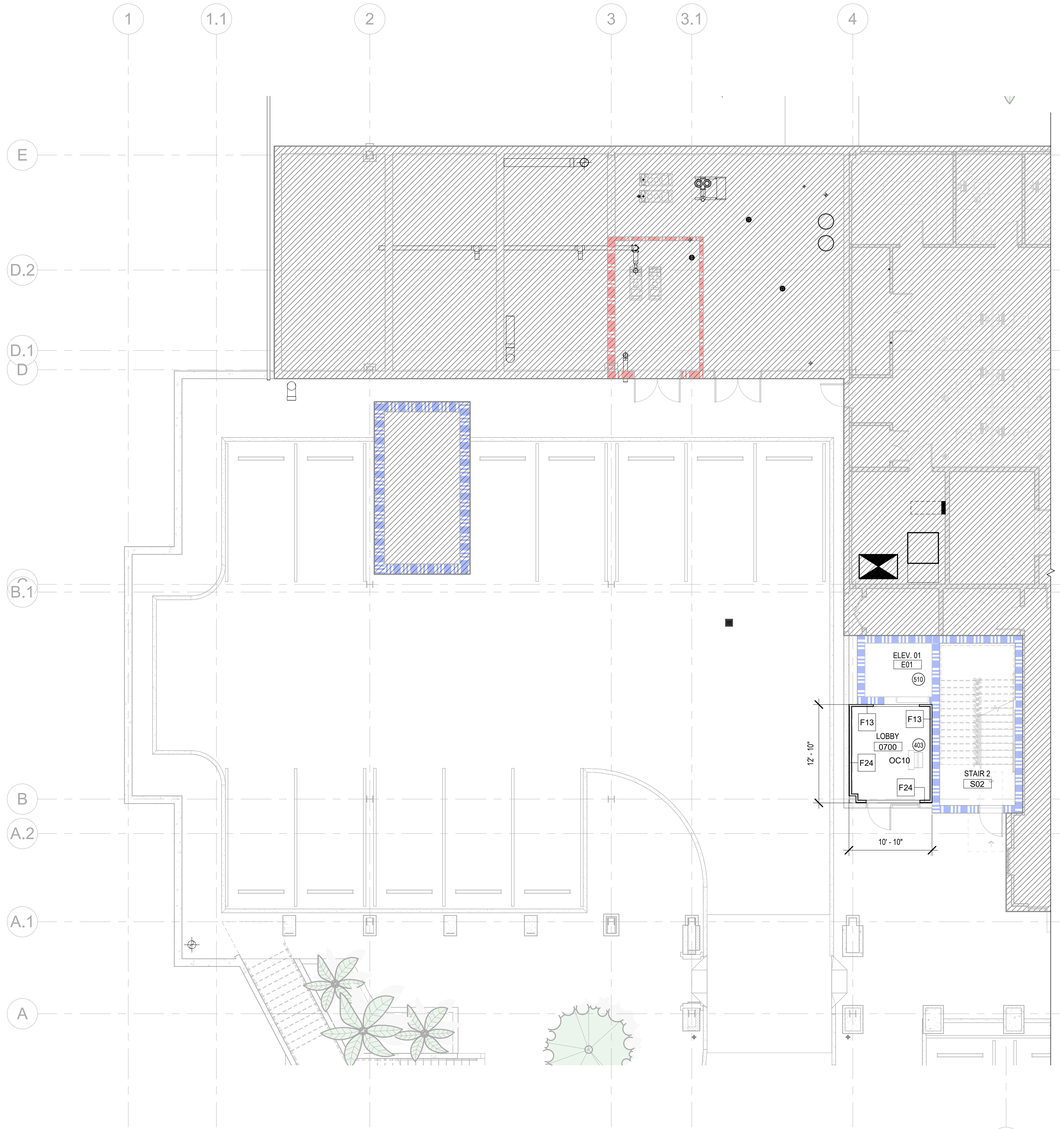
DRAWN BY: Author
CHECKED BY: JT
DATE: 04.06.2026

NOVUS JOB NUMBER
470-23-50
ODR TASK ORDER NUMBER
010-8-101472

SHEET NUMBER
G202

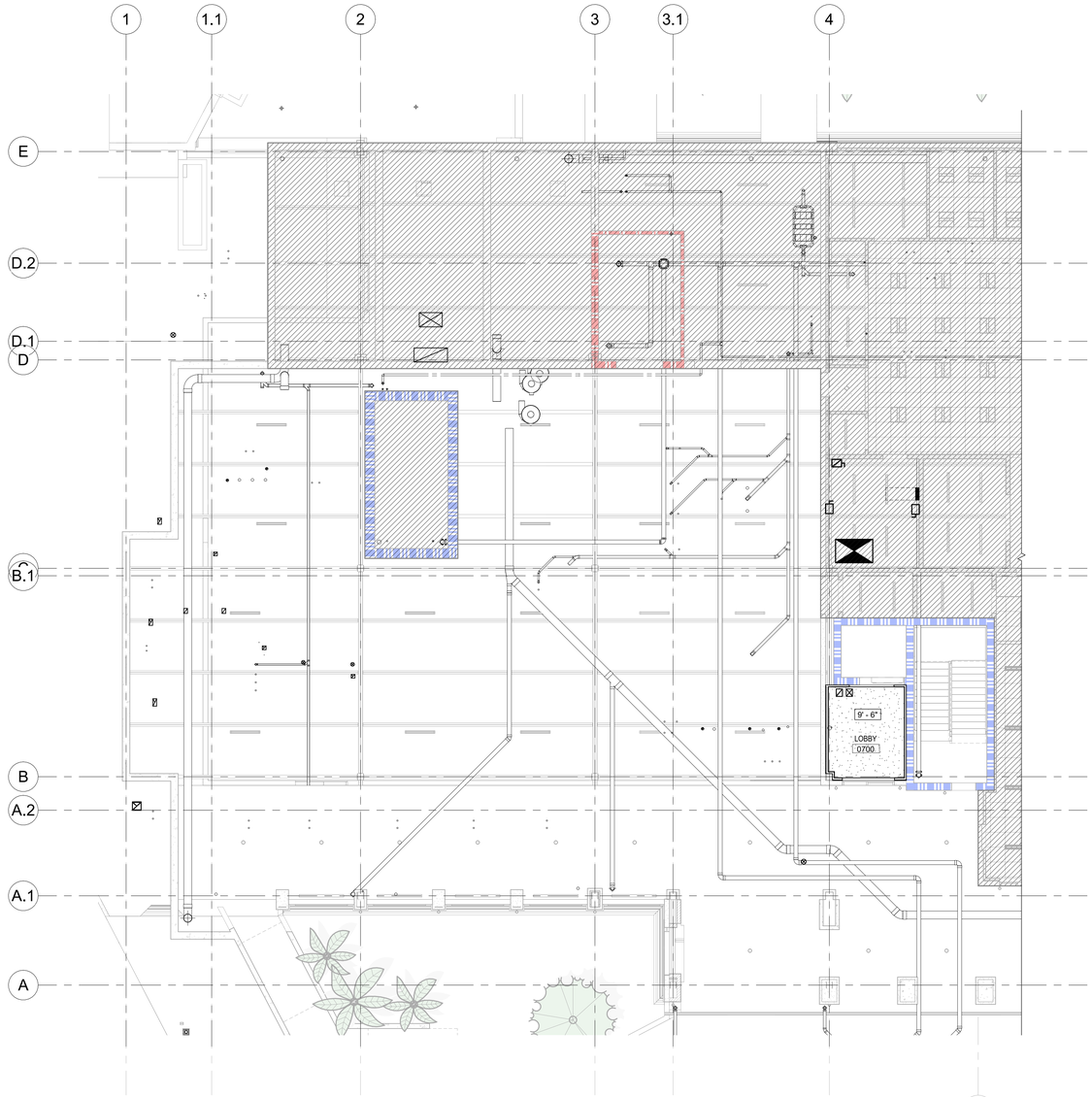
NOT FOR CONSTRUCTION

B: 30% CONSTRUCTION DOCUMENTS



B1 LOWER FLOOR DIMENSION & REFERENCE PLAN

A101 1/8" = 1'-0"



B3 LOWER FLOOR REFLECTED CEILING PLAN

A101 1/8" = 1'-0"

GENERAL DIMENSION NOTES

1. PRIOR TO CONSTRUCTION, CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND NOTIFY ARCHITECT OF DISCREPANCIES GREATER THAN 2" PRIOR TO FRAMING WALLS.
2. DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD AT NEW WALLS, FACE OF STUD TO FACE OF EXTERIOR WALLS, AND FACE OF STUD TO FINISH FACE OF EXISTING WALLS WHERE SHOWN. ASSUME 5" NOMINAL WIDTHS OF STUD WALLS UNLESS OTHER WISE NOTED.
3. LOCATE DOORS 4" FROM HINGE SIDE TYPICALLY, UNLESS OTHERWISE SHOWN. AT LATCH SIDE OF DOOR PROVIDE A MINIMUM OF 18" CLEAR SPACE ON PULL SIDE OF DOOR AND 12" ON THE PUSH SIDE.
4. REFER TO ENLARGED PLANS FOR ADDITIONAL DIMENSIONS.

GENERAL REFERENCE NOTES

1. PROVIDE CONTINUOUS IN-WALL BLOCKING OR STRAPPING AS REQUIRED FOR ANY CASEWORK, WALL-MOUNTED EQUIPMENT, OR ACCESSORIES INDICATED ON PLAN. REFER TO G006 FOR TYPICAL MOUNTING HEIGHTS.
2. REFER TO SPECIFICATIONS FOR GYPSUM BOARD CONTROL JOINTS; GC SHALL EQUALLY SPACE VERTICAL CONTROL JOINTS ON ALL WALLS THAT EXCEED 25 LINEAR FEET IN LENGTH TO DIVIDE THE WALL INTO EQUALLY SPACED SECTIONS THAT ARE LESS THAN 25 LINEAR FEET IN LENGTH. WHERE CONTROL JOINTS ARE LOCATED OPPOSING WALLS IN ANY GIVEN SPACE, THEY SHALL BE ALIGNED AND SPACED SUCH THAT NO SECTION IS GREATER THAN 25 LINEAR FEET IN LENGTH.
3. ALL INTERIOR PARTITIONS ARE TYPE M43 UNLESS NOTED OTHERWISE. REFER TO G201 FOR PARTITION TYPES.
4. GENERAL CONTRACTOR TO ADD FACILITY LABELS OF RATED ASSEMBLIES, VALVE LOCATIONS, ETC. COORDINATE WITH OWNER DURING CONSTRUCTION.
5. REFER TO SHEETS A602 AND A604 FOR STOREFRONT AND WINDOW ELEVATIONS.
6. CONTRACTOR TO REVIEW SCOPE OF WORK WITH OTHER DISCIPLINES FOR COORDINATION - CONTACT ARCHITECT IF ANY CONDITIONS CONFLICT WITH SCOPE OF WORK OR ARE IN QUESTION.

CEILING SYMBOL LEGEND

- 10'-0" — CEILING HEIGHT 10'-0" UNLESS OTHERWISE NOTED
- 2' x 2' ACOUSTICAL CEILING TILE ACT-1
- GYPSUM BOARD CEILING GYB-1 - PAINT, TYP.
- ACOUSTIC CEILING PANEL SYSTEM ACP-1
- 10'-0" — CEILING HEIGHT 10'-0" UNLESS OTHERWISE NOTED
- RETURN LINEAR GRILLE, - SEE MECHANICAL
- SUPPLY LINEAR GRILLE - SEE MECHANICAL
- EXHAUST GRILLE - SEE MECHANICAL
- RETURN GRILLE - SEE MECHANICAL
- SUPPLY GRILLE - SEE MECHANICAL
- ACCESS DOOR 1'-8" X 1'-8" - SEE SPECS.
- SMOKE DETECTOR HARDWIRED INTO PANEL BOX W/ BATTERY BACKUP
- RECESSED CAN LIGHT FIXTURE - SEE ELECTRICAL
- EXTERIOR WALL MOUNTED SCONCE FIXTURE - SEE ELECTRICAL
- 2x2 RECESSED TROFFER FIXTURE - SEE ELECTRICAL
- 1X1 SURFACE MOUNTED FIXTURE - SEE ELECTRICAL
- 1X8 DIRECT INDIRECT PENDANT FIXTURE - SEE ELECTRICAL
- 2x2 DIRECT/ INDIRECT LAY-IN FIXTURE - SEE ELECTRICAL

KEYNOTES - NEW WORK

#	DESCRIPTION
	400 - FFE
403	PROVIDE SELF CHECK-IN KIOSK - REFER TO FF&E PLAN
	500 - VERTICAL CIRCULATION
510	ELEVATOR - SEE SPECIFICATIONS - 3500# STRETCHER COMPLIANT (7'-0" X 8'-9") CLEAR REQD GC TO CONFIRM ALL SHAFT DIMENSION REQUIREMENTS AND OTHER CONSTRUCTION REQUIREMENTS WITH MANUFACTURER. PER BASIS OF DESIGN MFR (KONE MONOSPACE 300)

GENERAL LEGEND

REFER TO SHEET G001 AND G002 FOR DRAWING INDEX, KEYNOTES, AND GENERAL LEGEND SYMBOLS SUCH AS VIEW TAGS, WINDOW TAGS, DOOR TAGS, ROOM TAGS, WALL TAGS, AND PATTERNS.

WALL LEGEND

- NON-RATED SMOKE PARTITION
- 1 HOUR FIRE BARRIER
- 1 HOUR SMOKE BARRIER
- 2 HOUR FIRE BARRIER
- 2 HOUR SMOKE BARRIER
- TO CEILING +6"
- TO DECK ABOVE
- (ACOUSTIC / INSULATED) TO CEILING +6"
- (ACOUSTIC / INSULATED) TO DECK ABOVE

*SEE G201 FOR WALL TYPE INFORMATION

NORTH

springline architects — A NOVUS ARCHITECTS Company

IN PROGRESS DOCUMENTS FOR INTERIM REVIEW ONLY. NOT FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Programming	10/15/2025
B	30% CDs	04/06/2026
C	60% CDs	
D	90% CDs	
E	100% CDs	

KNUD HANSEN DOH TOWER
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

LOWER FLOOR PLAN & RCP

REVISIONS:

No.	Description	Date

DRAWN BY: Author
CHECKED BY: JT
DATE: 04.06.2026

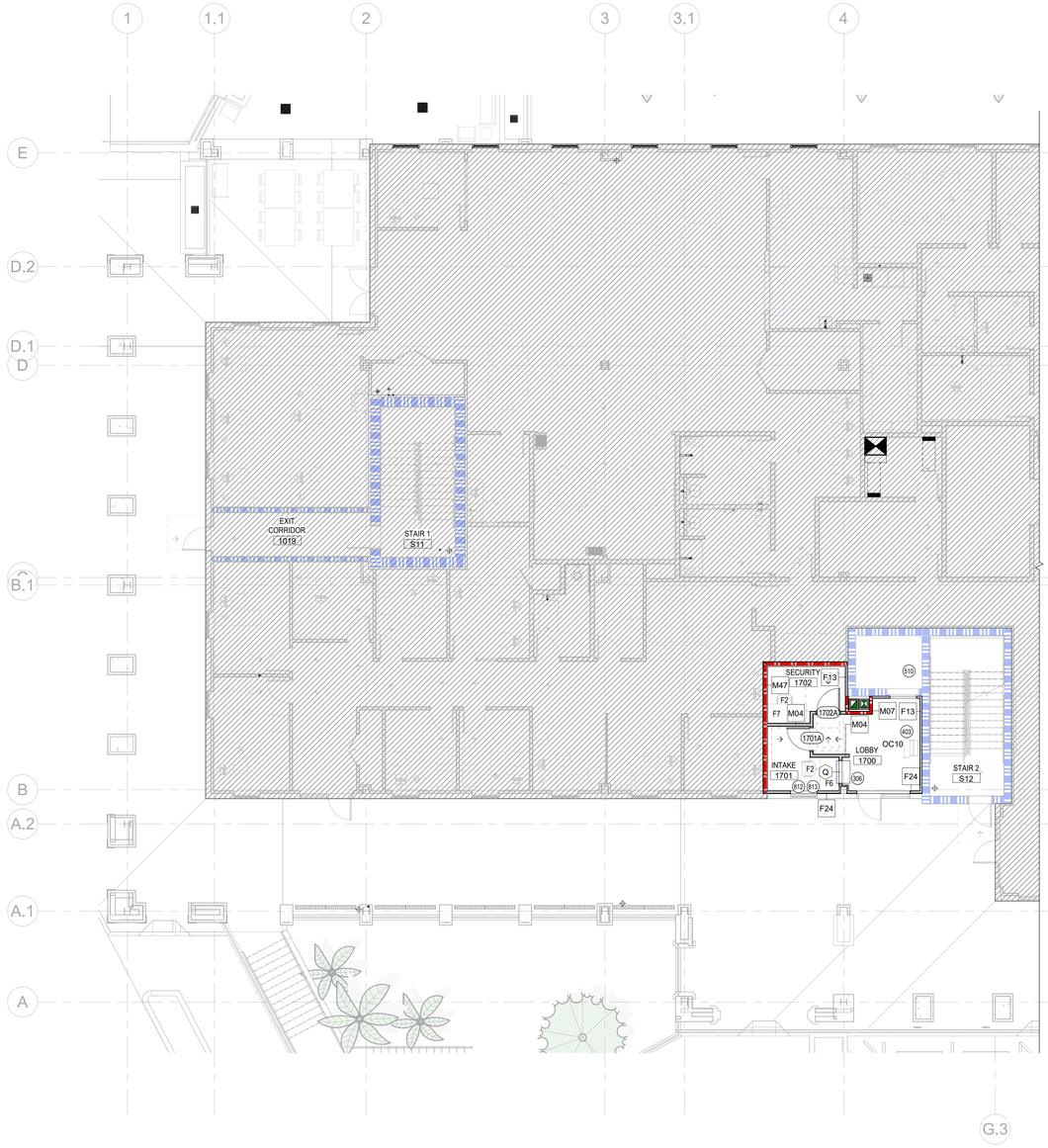
NOVUS JOB NUMBER
470-23-50
CDR TASK ORDER NUMBER
010-8-101472

SHEET NUMBER
A101

B: 30% CONSTRUCTION DOCUMENTS

NOT FOR CONSTRUCTION

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.



B1 MAIN FLOOR DIMENSION & REFERENCE PLAN
A111 1/8" = 1'-0"

B3 MAIN FLOOR REFLECTED CEILING PLAN
A111 1/8" = 1'-0"

GENERAL DIMENSION NOTES

1. PRIOR TO CONSTRUCTION, CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND NOTIFY ARCHITECT OF DISCREPANCIES GREATER THAN 2" PRIOR TO FRAMING WALLS.
2. DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD AT NEW WALLS, FACE OF STUD TO FACE OF EXTERIOR WALLS, AND FACE OF STUD TO FINISH FACE OF EXISTING WALLS WHERE SHOWN. ASSUME 5" NOMINAL WIDTHS OF STUD WALLS UNLESS OTHER WISE NOTED.
3. LOCATE DOORS 4" FROM HINGE SIDE TYPICALLY, UNLESS OTHERWISE SHOWN. AT LATCH SIDE OF DOOR PROVIDE A MINIMUM OF 18" CLEAR SPACE ON PULL SIDE OF DOOR AND 12" ON THE PUSH SIDE.
4. REFER TO ENLARGED PLANS FOR ADDITIONAL DIMENSIONS.

GENERAL REFERENCE NOTES

1. PROVIDE CONTINUOUS IN-WALL BLOCKING OR STRAPPING AS REQUIRED FOR ANY CASEWORK, WALL-MOUNTED EQUIPMENT, OR ACCESSORIES INDICATED ON PLAN. REFER TO G006 FOR TYPICAL MOUNTING HEIGHTS.
2. REFER TO SPECIFICATIONS FOR GYPSUM BOARD CONTROL JOINTS; GC SHALL EQUALLY SPACE VERTICAL CONTROL JOINTS ON ALL WALLS THAT EXCEED 25 LINEAR FEET IN LENGTH TO DIVIDE THE WALL INTO EQUALLY SPACED SECTIONS THAT ARE LESS THAN 25 LINEAR FEET IN LENGTH. WHERE CONTROL JOINTS ARE LOCATED OPPOSING WALLS IN ANY GIVEN SPACE, THEY SHALL BE ALIGNED AND SPACED SUCH THAT NO SECTION IS GREATER THAN 25 LINEAR FEET IN LENGTH.
3. ALL INTERIOR PARTITIONS ARE TYPE M43 UNLESS NOTED OTHERWISE. REFER TO G201 FOR PARTITION TYPES.
4. GENERAL CONTRACTOR TO ADD FACILITY LABELS OF RATED ASSEMBLIES, VALVE LOCATIONS, ETC. COORDINATE WITH OWNER DURING CONSTRUCTION.
5. REFER TO SHEETS A602 AND A604 FOR STOREFRONT AND WINDOW ELEVATIONS.
6. CONTRACTOR TO REVIEW SCOPE OF WORK WITH OTHER DISCIPLINES FOR COORDINATION - CONTACT ARCHITECT IF ANY CONDITIONS CONFLICT WITH SCOPE OF WORK OR ARE IN QUESTION.

CEILING SYMBOL LEGEND

- 10'-0" — CEILING HEIGHT 10'-0" UNLESS OTHERWISE NOTED
- 2' x 2' ACOUSTICAL CEILING TILE ACT-1
- GYPSUM BOARD CEILING GYB-1 - PAINT, TYP
- ACOUSTIC CEILING PANEL SYSTEM ACP-1
- 10'-0" — CEILING HEIGHT 10'-0" UNLESS OTHERWISE NOTED
- RETURN LINEAR GRILLE, - SEE MECHANICAL
- SUPPLY LINEAR GRILLE - SEE MECHANICAL
- EXHAUST GRILLE - SEE MECHANICAL
- RETURN GRILLE - SEE MECHANICAL
- SUPPLY GRILLE - SEE MECHANICAL
- ACCESS DOOR 1'-8" X 1'-8" - SEE SPECS.
- SMOKE DETECTOR HARDWIRED INTO PANEL BOX W/ BATTERY BACKUP
- RECESSED CAN LIGHT FIXTURE - SEE ELECTRICAL
- EXTERIOR WALL MOUNTED SCONCE FIXTURE - SEE ELECTRICAL
- 2x2 RECESSED TROFFER FIXTURE - SEE ELECTRICAL
- 1X1 SURFACE MOUNTED FIXTURE - SEE ELECTRICAL
- 1X8 DIRECT INDIRECT PENDANT FIXTURE - SEE ELECTRICAL
- 2x2 DIRECT/ INDIRECT LAY-IN FIXTURE - SEE ELECTRICAL

KEYNOTES - NEW WORK

#	DESCRIPTION
300 - INTERIOR CONSTRUCTION & MILLWORK	
306	BULLETPROOF TRANSACTION WINDOW WITH SOLID SURFACE COUNTER - SEE MILLWORK DETAILS
400 - FFE	
403	PROVIDE SELF CHECK-IN KIOSK - REFER TO FF&E PLAN
500 - VERTICAL CIRCULATION	
510	ELEVATOR - SEE SPECIFICATIONS - 3500# STRETCHER COMPLIANT (7'-0" X 8'-9") CLEAR REQD GC TO CONFIRM ALL SHAFT DIMENSION REQUIREMENTS AND OTHER CONSTRUCTION REQUIREMENTS WITH MANUFACTURER. PER BASIS OF DESIGN MFR (KONE MONOSPACE 300)
800 - FINISHES	
812	OPERABLE INTERIOR WINDOW SHADE
813	SOLID SURFACE WINDOW SILL

GENERAL LEGEND

REFER TO SHEET G001 AND G002 FOR DRAWING INDEX, KEYNOTES, AND GENERAL LEGEND SYMBOLS SUCH AS VIEW TAGS, WINDOW TAGS, DOOR TAGS, ROOM TAGS, WALL TAGS, AND PATTERNS.

WALL LEGEND

- NON-RATED SMOKE PARTITION
- 1 HOUR FIRE BARRIER
- 1 HOUR SMOKE BARRIER
- 2 HOUR FIRE BARRIER
- 2 HOUR SMOKE BARRIER
- TO CEILING +6"
- TO DECK ABOVE
- (ACOUSTIC / INSULATED) TO CEILING +6"
- (ACOUSTIC / INSULATED) TO DECK ABOVE

*SEE G201 FOR WALL TYPE INFORMATION

NORTH

springline architects — A NOVUS ARCHITECTS Company

INPROGRESS DOCUMENTS FOR INTERIM REVIEW ONLY. NOT FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Programming	10/15/2025
B	30% CDs	04/06/2026
C	60% CDs	
D	90% CDs	
E	100% CDs	

KNUD HANSEN DOH TOWER
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

MAIN FLOOR PLAN & RCP

REVISIONS:

No.	Description	Date

DRAWN BY: Author
CHECKED BY: JT
DATE: 04.06.2026

NOVUS JOB NUMBER
470-23-50
ODR TASK ORDER NUMBER
010-8-101472

SHEET NUMBER
A111

B: 30% CONSTRUCTION DOCUMENTS

NOT FOR CONSTRUCTION

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.

B1 2ND FLOOR DIMENSION PLAN
A121 1/8" = 1'-0"

B3 2ND FLOOR REFERENCE PLAN
A121 1/8" = 1'-0"

GENERAL DIMENSION NOTES

1. PRIOR TO CONSTRUCTION, CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND NOTIFY ARCHITECT OF DISCREPANCIES GREATER THAN 2" PRIOR TO FRAMING WALLS.
2. DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD AT NEW WALLS, FACE OF STUD TO FACE OF EXTERIOR WALLS, AND FACE OF STUD TO FINISH FACE OF EXISTING WALLS WHERE SHOWN. ASSUME 5" NOMINAL WIDTHS OF STUD WALLS UNLESS OTHER WISE NOTED.
3. LOCATE DOORS 4" FROM HINGE SIDE TYPICALLY, UNLESS OTHERWISE SHOWN. AT LATCH SIDE OF DOOR PROVIDE A MINIMUM OF 18" CLEAR SPACE ON PULL SIDE OF DOOR AND 12" ON THE PUSH SIDE.
4. REFER TO ENLARGED PLANS FOR ADDITIONAL DIMENSIONS.

GENERAL REFERENCE NOTES

1. PROVIDE CONTINUOUS IN-WALL BLOCKING OR STRAPPING AS REQUIRED FOR ANY CASEWORK, WALL-MOUNTED EQUIPMENT, OR ACCESSORIES INDICATED ON PLAN. REFER TO G006 FOR TYPICAL MOUNTING HEIGHTS.
2. REFER TO SPECIFICATIONS FOR GYPSUM BOARD CONTROL JOINTS; GC SHALL EQUALLY SPACE VERTICAL CONTROL JOINTS ON ALL WALLS THAT EXCEED 25 LINEAR FEET IN LENGTH TO DIVIDE THE WALL INTO EQUALLY SPACED SECTIONS THAT ARE LESS THAN 25 LINEAR FEET IN LENGTH. WHERE CONTROL JOINTS ARE LOCATED OPPOSING WALLS IN ANY GIVEN SPACE, THEY SHALL BE ALIGNED AND SPACED SUCH THAT NO SECTION IS GREATER THAN 25 LINEAR FEET IN LENGTH.
3. ALL INTERIOR PARTITIONS ARE TYPE M43 UNLESS NOTED OTHERWISE. REFER TO G201 FOR PARTITION TYPES.
4. GENERAL CONTRACTOR TO ADD FACILITY LABELS OF RATED ASSEMBLIES, VALVE LOCATIONS, ETC. COORDINATE WITH OWNER DURING CONSTRUCTION.
5. REFER TO SHEETS A602 AND A604 FOR STOREFRONT AND WINDOW ELEVATIONS.
6. CONTRACTOR TO REVIEW SCOPE OF WORK WITH OTHER DISCIPLINES FOR COORDINATION - CONTACT ARCHITECT IF ANY CONDITIONS CONFLICT WITH SCOPE OF WORK OR ARE IN QUESTION.

KEYNOTES - NEW WORK

#	DESCRIPTION
	300 - INTERIOR CONSTRUCTION & MILLWORK
306	BULLETPROOF TRANSACTION WINDOW WITH SOLID SURFACE COUNTER - SEE MILLWORK DETAILS
307	PLASTIC LAMINATE CABINETRY AND SOLID SURFACE COUNTERTOP - REFER TO MILLWORK DRAWINGS
	400 - FFE
414	HIGH DENSITY STORAGE SYSTEM - SEE SPECIFICATIONS
	500 - VERTICAL CIRCULATION
509	STEEL PAN STAIRS WITH CONCRETE TREADS
510	ELEVATOR - SEE SPECIFICATIONS - 3500# STRETCHER COMPLIANT (7'-0" X 8'-9") CLEAR REQD GC TO CONFIRM ALL SHAFT DIMENSION REQUIREMENTS AND OTHER CONSTRUCTION REQUIREMENTS WITH MANUFACTURER. PER BASIS OF DESIGN MFR (KONE MONOSPACE 300)
	600 - COORDINATION
608	SLOPE FLOOR TO DRAIN 1/8" / 12" - SEE PLUMBING/CIVIL
610	MECHANICAL DUCTS IN MECHANICAL SHAFT, SEE MECHANICAL DRAWINGS

KEYNOTES - NEW WORK

615	DRINKING FOUNTAIN - SEE PLUMBING
	800 - FINISHES
812	OPERABLE INTERIOR WINDOW SHADE
813	SOLID SURFACE WINDOW SILL

GENERAL LEGEND

REFER TO SHEET G001 AND G002 FOR DRAWING INDEX, KEYNOTES, AND GENERAL LEGEND SYMBOLS SUCH AS VIEW TAGS, WINDOW TAGS, DOOR TAGS, ROOM TAGS, WALL TAGS, AND PATTERNS.

WALL LEGEND

NON-RATED SMOKE PARTITION	TO CEILING +6"
1 HOUR FIRE BARRIER	TO DECK ABOVE
1 HOUR SMOKE BARRIER	(ACOUSTIC / INSULATED) TO CEILING +6"
2 HOUR FIRE BARRIER	(ACOUSTIC / INSULATED) TO DECK ABOVE
2 HOUR SMOKE BARRIER	

*SEE G201 FOR WALL TYPE INFORMATION

NORTH

springline architects — A NOVUS ARCHITECTS Company

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS

OFFICE OF DISASTER RECOVERY U.S. VIRGIN ISLANDS

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS DEPARTMENT OF HEALTH

IN PROGRESS DOCUMENTS FOR INTERIM REVIEW ONLY. NOT FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Programming	10/15/2025
B	30% CDs	04/06/2026
C	60% CDs	
D	90% CDs	
E	100% CDs	

KNUD HANSEN DOH TOWER
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

2ND FLOOR PLANS

REVISIONS:

No.	Description	Date

DRAWN BY: Author
CHECKED BY: JT
DATE: 04.06.2026

NOVUS JOB NUMBER
470-23-50
ODR TASK ORDER NUMBER
010-8-101472

SHEET NUMBER
A121

B: 30% CONSTRUCTION DOCUMENTS — NOT FOR CONSTRUCTION

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.

B3 2ND FLOOR EQUIPMENT PLAN

A122 1/8" = 1'-0"

GENERAL NOTES - FF&E

1. REFER TO G005 AND G006 FOR ACCESSIBILITY DETAILS AND TYPICAL MOUNTING HEIGHTS.
2. CONTRACTOR TO PROVIDE CONTINUOUS IN-WALL BLOCKING FOR CABINETS, EQUIPMENT, TOILET ACCESSORIES OR WHERE REQUIRED OTHERWISE.
3. PRIOR TO EQUIPMENT INSTALLATION, CONTRACTOR TO COORDINATE AN EQUIPMENT MEETING WITH OWNER/ARCHITECT TO FINALIZE ELECTRICAL ROUGH-IN WORK AND MOUNTING REQUIREMENTS.
4. CONTRACTOR TO COORDINATE WITH VENDOR EQUIPMENT INSTALLATION. PROVIDE REQUIRED MEP SUPPORT NEEDED FOR ALL VENDOR EQUIPMENT.
5. CONTRACTOR TO VERIFY REQUIREMENTS OF ALL EQUIPMENT, INCLUDING VENDOR INSTALL EQUIPMENT PRIOR TO INSTALLATION AND NOTIFY ARCHITECT OF ANY DISCREPANCIES OR ADDITIONAL REQUIREMENTS NOT PROVIDED.
6. ALL FURNITURE IS OWNER PROVIDED & OWNER INSTALLED, UNLESS OTHERWISE NOTED.
7. REFER TO MEP DRAWINGS IN CONJUNCTION WITH THIS SHEET. WHERE CONFLICTS ARISE, NOTIFY ARCHITECT.
8. REFER TO VENDOR DRAWINGS FOR EQUIPMENT INFORMATION. FINAL LAYOUT DETERMINED BY SYSTEM INTEGRATOR.

EQUIPMENT SCHEDULE

MARK	DESCRIPTION
CONTRACTOR PROVIDED / CONTRACTOR INSTALLED	
CC20	SLIDING TRACK SHELVING HIGH DENSITY STORAGE SYSTEM
CC30	MIRROR
CC32	RECESSED TOWEL DISPENSER WITH WASTE RECEPTACLE
CC33	PAPER TOWEL DISPENSER
CC35	42" GRAB BAR
CC36	36" GRAB BAR
CC37	36"X36" SHOWER GRAB BARS
CC39	SOAP DISPENSER - SURFACE MTD.
CC40	HAND SANITIZER DISPENSER - SURFACE MTD.
CC41	TOILET PAPER DISPENSER - SURFACE MTD.
CC43	SPECIMEN PASS-THRU
CC50	PRIVACY CURTAIN
CC51	NURSE CALL PULL STATION
OWNER PROVIDED / CONTRACTOR INSTALLED	
OC20	TRASH CHUTE, STAINLESS STEEL
OC21	GLOVE DISPENSER
OC22	SHARPS CONTAINER
OC23	SHARPS CONTAINER AND GLOVE DISPENSER
OC24	OTOSCOPE - DIAGNOSTIC WALL SYSTEM
OWNER PROVIDED / OWNER INSTALLED	
OO1	MICROWAVE
OO6	REFRIGERATOR - UNDER COUNTER
OO7	36" WIDE REFRIGERATOR / FREEZER COMBO

EQUIPMENT SCHEDULE

MARK	DESCRIPTION
OO20	COMPUTER W/ KEYBOARD AND MOUSE
OO21	DESK PHONE
OO23	XEROX MULTIFUNCTION
OO30	STORAGE SHELVING UNIT
OO31	36" LATERAL FILING CABINET
OO32	42" LATERAL FILING CABINET
OO40	EXAM TABLE
OO41	PRENATAL EXAM TABLE
OO42	TREATMENT TABLE
OO43	COMPUTER ON WHEELS
OO44	WORKSTATION ON WHEELS
OO45	SCALE
OO46	PPE CART
OO47	MAYO TABLE
OO48	MOBILE VITALS
OO49	MOBILE ULTRASOUND
OO50	TRASH CAN 23 GALLON
OO51	TRASH CAN 10 GALLON
OO52	MICROSCOPE
OO53	WHITEBOARD

FURNITURE SCHEDULE

MARK	DESCRIPTION
OWNER PROVIDED / OWNER INSTALLED	
F1	SIDE CHAIR
F2	TASK CHAIR WITH CASTERS
F3	CHAIR, STACKABLE, WITHOUT ARMS
F11	DESK - L SHAPE 6' X 4'
F13	ROCKER CHAIR
F14	LOUNGE CHAIR
F30	CONFERENCE TABLE 96" X 48"
F33	TABLE ROUND (36"DIA)
F60	TREATMENT STOOL

GENERAL LEGEND

REFER TO SHEET G001 AND G002 FOR DRAWING INDEX, KEYNOTES, AND GENERAL LEGEND SYMBOLS SUCH AS VIEW TAGS, WINDOW TAGS, DOOR TAGS, ROOM TAGS, WALL TAGS, AND PATTERNS.

WALL LEGEND

- NON-RATED SMOKE PARTITION
- 1 HOUR FIRE BARRIER
- 1 HOUR SMOKE BARRIER
- 2 HOUR FIRE BARRIER
- 2 HOUR SMOKE BARRIER
- TO CEILING +6"
- TO DECK ABOVE
- (ACOUSTIC / INSULATED) TO CEILING +6"
- (ACOUSTIC / INSULATED) TO DECK ABOVE

*SEE G201 FOR WALL TYPE INFORMATION

NORTH

springline architects — A NOVUS ARCHITECTS Company

IN PROGRESS DOCUMENTS FOR INTERIM REVIEW ONLY. NOT FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Programming	10/15/2025
B	30% CDs	04/06/2026
C	60% CDs	
D	90% CDs	
E	100% CDs	

KNUD HANSEN DOH TOWER
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

2ND FLOOR FF&E PLAN

REVISIONS:

No.	Description	Date

DRAWN BY: Author
CHECKED BY: JT
DATE: 04.06.2026

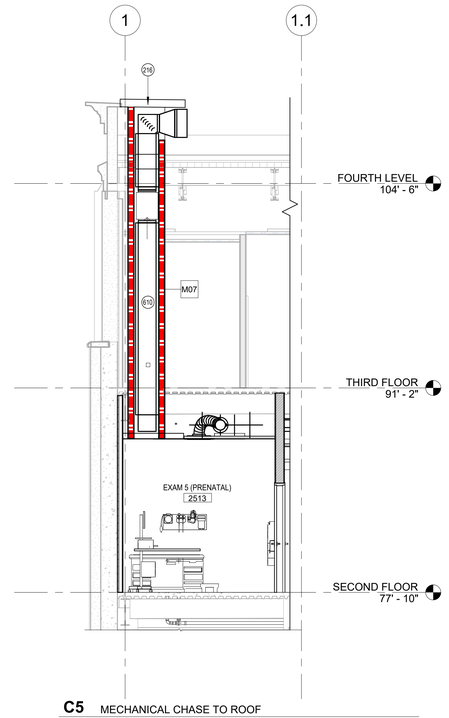
NOVUS JOB NUMBER
470-23-50
CDR TASK ORDER NUMBER
010-8-101472

SHEET NUMBER
A122

B: 30% CONSTRUCTION DOCUMENTS

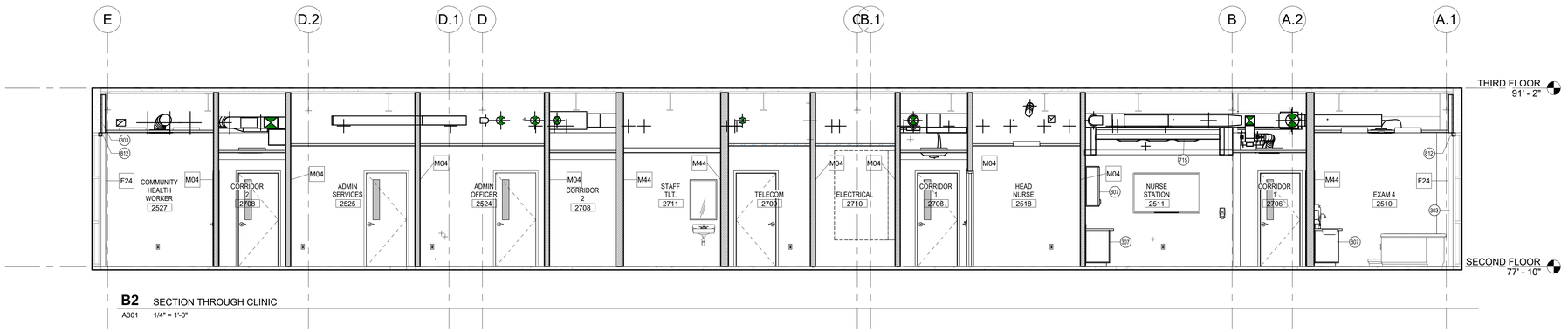
NOT FOR CONSTRUCTION

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.



C5 MECHANICAL CHASE TO ROOF

A301 1/4" = 1'-0"



B2 SECTION THROUGH CLINIC

A301 1/4" = 1'-0"

KEYNOTES - NEW WORK

200 - ROOF & EXTERIOR	
216	ROOF-MOUNTED MECHANICAL DOG HOUSE AT EXHAUST FAN
300 - INTERIOR CONSTRUCTION & MILLWORK	
303	RIGID INSULATION, METAL STUD, AND GYPSUM ASSEMBLY AT ALL EXTERIOR WALLS
307	PLASTIC LAMINATE CABINETRY AND SOLID SURFACE COUNTERTOP - REFER TO MILLWORK DRAWINGS
600 - COORDINATION	
610	MECHANICAL DUCTS IN MECHANICAL SHAFT, SEE MECHANICAL DRAWINGS
700 - RCP	
715	ACOUSTIC CEILING TILES
800 - FINISHES	
812	OPERABLE INTERIOR WINDOW SHADE

GENERAL LEGEND

REFER TO SHEET G001 AND G002 FOR DRAWING INDEX, KEYNOTES, AND GENERAL LEGEND SYMBOLS SUCH AS VIEW TAGS, WINDOW TAGS, DOOR TAGS, ROOM TAGS, WALL TAGS, AND PATTERNS.

WALL LEGEND

- NON-RATED SMOKE PARTITION
- 1 HOUR FIRE BARRIER
- 1 HOUR SMOKE BARRIER
- 2 HOUR FIRE BARRIER
- 2 HOUR SMOKE BARRIER
- TO CEILING +6"
- TO DECK ABOVE
- (ACOUSTIC / INSULATED) TO CEILING +6"
- (ACOUSTIC / INSULATED) TO DECK ABOVE

*SEE G201 FOR WALL TYPE INFORMATION

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.

springline architects — A NOVUS ARCHITECTS Company

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS

OFFICE OF DISASTER RECOVERY — U.S. VIRGIN ISLANDS

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS — DEPARTMENT OF HEALTH

INPROGRESS DOCUMENTS
FOR INTERIM REVIEW ONLY.
NOT FOR REGULATORY APPROVAL,
PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Programming	10/15/2025
B	30% CDs	04/06/2026
C	60% CDs	
D	90% CDs	
E	100% CDs	

KNUD HANSEN DOH TOWER
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

SECTIONS

REVISIONS:

No.	Description	Date

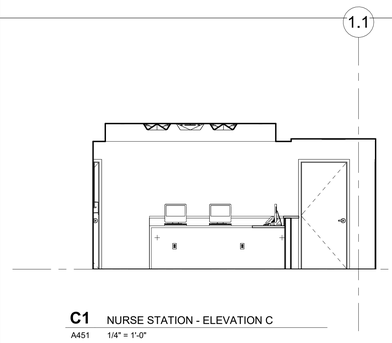
DRAWN BY: TKB
CHECKED BY: JT
DATE: 04.06.2026

NOVUS JOB NUMBER
470-23-50
CDR TASK ORDER NUMBER
010-8-101472

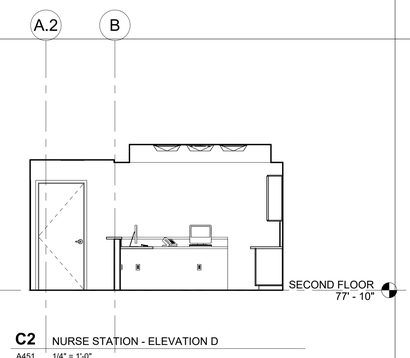
SHEET NUMBER
A301

B: 30% CONSTRUCTION DOCUMENTS

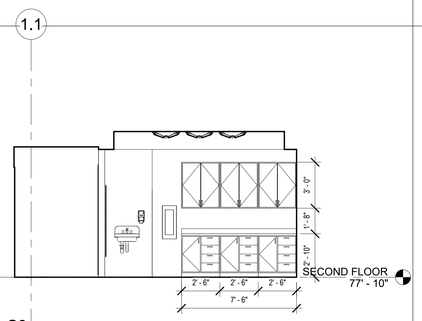
NOT FOR CONSTRUCTION



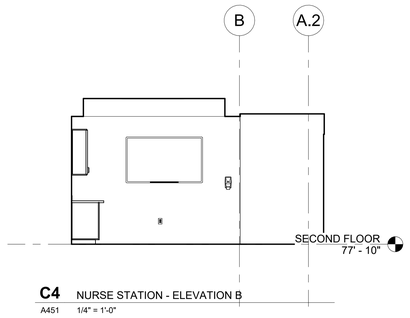
C1 NURSE STATION - ELEVATION C
A451 1/4" = 1'-0"



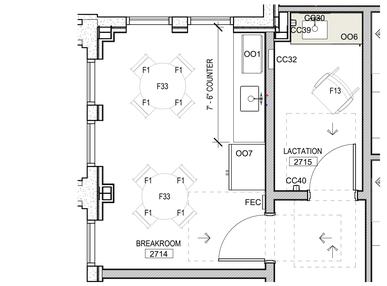
C2 NURSE STATION - ELEVATION D
A451 1/4" = 1'-0"



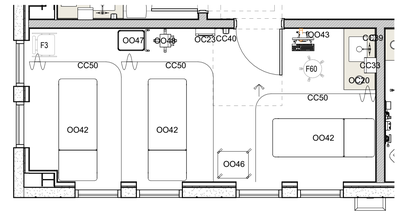
C3 NURSE STATION - ELEVATION A
A451 1/4" = 1'-0"



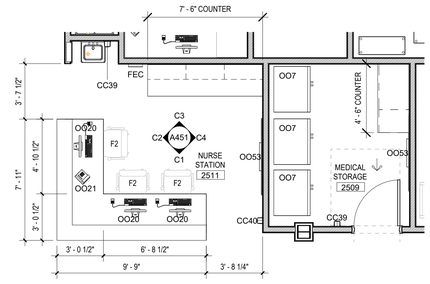
C4 NURSE STATION - ELEVATION B
A451 1/4" = 1'-0"



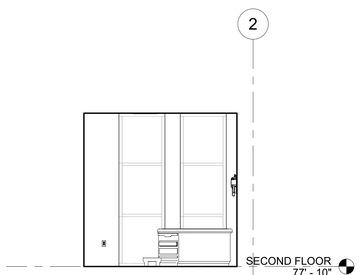
E5 ENLARGED PLAN - BREAKROOM AND LACTATION
A451 1/4" = 1'-0"



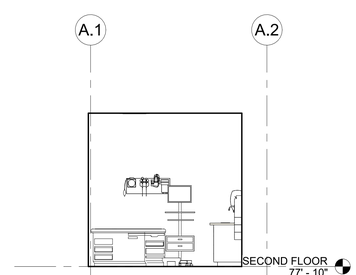
D5 ENLARGED PLAN - TREATMENT SUITE
A451 1/4" = 1'-0"



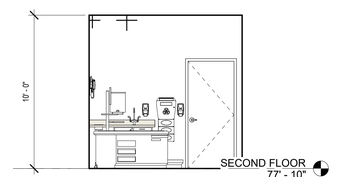
C5 ENLARGED PLAN - NURSE STATION
A451 1/4" = 1'-0"



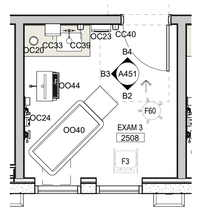
B2 TYPICAL EXAM ROOM - ELEVATION B
A451 1/4" = 1'-0"



B3 TYPICAL EXAM ROOM - ELEVATION C
A451 1/4" = 1'-0"



B4 TYPICAL EXAM ROOM - ELEVATION A
A451 1/4" = 1'-0"



B5 ENLARGED PLAN - TYPICAL EXAM ROOM
A451 1/4" = 1'-0"

FURNITURE SCHEDULE

MARK	DESCRIPTION
OWNER PROVIDED / OWNER INSTALLED	
F1	SIDE CHAIR
F2	TASK CHAIR WITH CASTERS
F3	CHAIR, STACKABLE, WITHOUT ARMS
F11	DESK - L SHAPE 6' X 4'
F13	ROCKER CHAIR
F14	LOUNGE CHAIR
F33	TABLE ROUND (36"DIA)
F60	TREATMENT STOOL

EQUIPMENT SCHEDULE

MARK	DESCRIPTION
CONTRACTOR PROVIDED / CONTRACTOR INSTALLED	
CC30	MIRROR
CC32	RECESSED TOWEL DISPENSER WITH WASTE RECEPTACLE
CC33	PAPER TOWEL DISPENSER
CC39	SOAP DISPENSER - SURFACE MTD.
CC40	HAND SANITIZER DISPENSER - SURFACE MTD.
CC50	PRIVACY CURTAIN
OWNER PROVIDED / CONTRACTOR INSTALLED	
OC20	TRASH CHUTE, STAINLESS STEEL
OC23	SHARPS CONTAINER AND GLOVE DISPENSER
OC24	OTOSCOPE - DIAGNOSTIC WALL SYSTEM
OWNER PROVIDED / OWNER INSTALLED	
OO1	MICROWAVE
OO6	REFRIGERATOR - UNDER COUNTER

EQUIPMENT SCHEDULE

MARK	DESCRIPTION
OO7	36" WIDE REFRIGERATOR / FREEZER COMBO
OO20	COMPUTER W/ KEYBOARD AND MOUSE
OO21	DESK PHONE
OO30	STORAGE SHELVING UNIT
OO31	36" LATERAL FILING CABINET
OO40	EXAM TABLE
OO42	TREATMENT TABLE
OO43	COMPUTER ON WHEELS
OO44	WORKSTATION ON WHEELS
OO46	PPE CART
OO47	MAYO TABLE
OO48	MOBILE VITALS
OO49	MOBILE ULTRASOUND
OO51	TRASH CAN 10 GALLON
OO53	WHITEBOARD

MILLWORK GENERAL NOTES

1. INSTALL IN-WALL BLOCKING AS REQUIRED FOR WALL HUNG ACCESSORIES PER MANUF. REQUIREMENTS.
2. REFER TO **A8XX** FOR MATERIAL FINISH INFORMATION AND SPECIFICATIONS.
3. REFER TO SHEET **A4XX** FOR FINISH DETAILS.
4. ALL CABINETS TO BE LOCKABLE.
5. ALL EXPOSED SURFACES TO BE FINISHED.
6. REFER TO SHEET **A4XX** FOR TYPICAL CASEWORK SECTIONS.

springline architects — A NOVUS ARCHITECTS Company

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS

OFFICE OF DISASTER RECOVERY — U.S. VIRGIN ISLANDS

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS — DEPARTMENT OF HEALTH

IN-PROGRESS DOCUMENTS FOR INTERNAL REVIEW ONLY. NOT FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Programming	10/15/2025
B	30% CDs	04/06/2026
C	60% CDs	
D	90% CDs	
E	100% CDs	

KNUD HANSEN DOH TOWER
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

ENLARGED PLANS & INTERIOR ELEVATIONS

REVISIONS:

No.	Description	Date

DRAWN BY: CK
CHECKED BY: JT
DATE: 04.06.2026

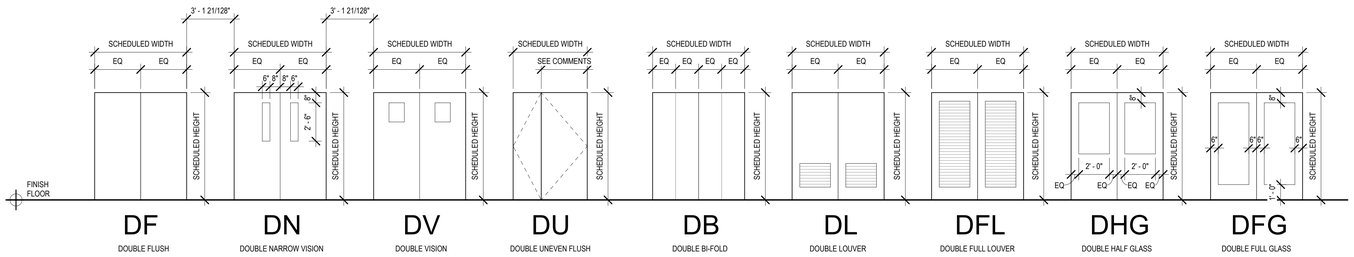
NOVUS JOB NUMBER
470-23-50
ODR TASK ORDER NUMBER
010-8-101472

SHEET NUMBER
A451

B: 30% CONSTRUCTION DOCUMENTS — NOT FOR CONSTRUCTION

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.

DOOR ELEVATIONS



DF — DOUBLE FLUSH

DN — DOUBLE NARROW VISION

DV — DOUBLE VISION

DU — DOUBLE UNEVEN FLUSH

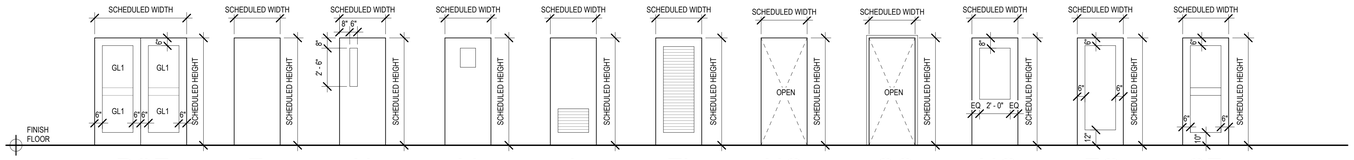
DB — DOUBLE BI-FOLD

DL — DOUBLE LOUVER

DFL — DOUBLE FULL LOUVER

DHG — DOUBLE HALF GLASS

DFG — DOUBLE FULL GLASS



DSF — DOUBLE STOREFRONT

F — FLUSH DOOR

N — NARROW VISION

V — VISION DOOR

L — LOUVER

FL — FULL LOUVER

UO — UNCASED OPENING

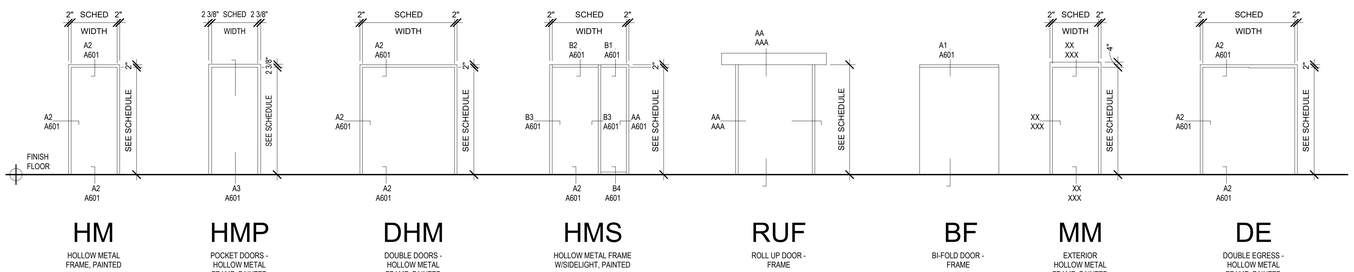
CO — CASED OPENING

HG — HALF GLASS

FG — FULL GLASS

SF — HOLLOW METAL/ GL2 EXTERIOR DOOR TO MATCH ADJACENT DOORS
*PROVIDE IMPACT RESISTANT GLASS AT EXTERIOR DOORS

FRAME ELEVATIONS



HM — HOLLOW METAL FRAME, PAINTED

HMP — POCKET DOORS - HOLLOW METAL FRAME, PAINTED

DHM — DOUBLE DOORS - HOLLOW METAL FRAME, PAINTED

HMS — HOLLOW METAL FRAME W/SIDELIGHT, PAINTED

RUF — ROLL UP DOOR - FRAME

BF — BI-FOLD DOOR - FRAME

MM — EXTERIOR HOLLOW METAL FRAME, PAINTED

DE — DOUBLE EGRESS - HOLLOW METAL FRAME, PAINTED

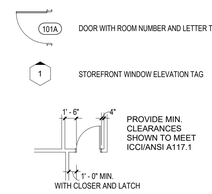
WINDOW SCHEDULE

Type	Count	Basis of Design	Comments
Q			
Pass-Through_Counter_4719	2		
W1			
42"x 72"	10		

GENERAL DOOR AND WINDOW NOTES

1. PRIOR TO FABRICATION, FIELD VERIFY ALL DIMENSIONS.
2. REFER TO A602 FOR HEAD, JAMB, AND SILL DETAILS.
3. REFER TO PROJECT MANUAL FOR HARDWARE SETS.
4. SMOKE RATED DOORS SHALL NOT BE UNDERCUT IN EXCESS OF THE CLEARANCE PERMITTED IN ACCORDANCE WITH NFPA 80.

DOOR / WINDOW SYMBOLS LEGEND



DOOR AND HARDWARE SCHEDULE

DOOR #	ROOM #	ROOM NAME	FIRE RATING	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	DOOR SIZE THICKNESS	DOOR TYPE	DOOR MATERIAL	DOOR FINISH (REFER TO MATERIAL FINISH SELECTIONS.)	FRAME TYPE	FRAME MATERIAL	FRAME FINISH (REFER TO MATERIAL FINISH SELECTIONS.)	HARDWARE	COMMENTS	DOOR #
1701A	1701	INTAKE		3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL	PAINT	HM	HOLLOW METAL	PTD			1701A
1702A	1702	SECURITY		3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL	PAINT	HM	HOLLOW METAL	PTD			1702A
2501A	2501	TRIAGE/VITALS		5' - 0"	7' - 0"	1 3/4"	CO	-	-	HM	HOLLOW METAL	PTD			2501A
2502A	2502	FLEX NURSING		3' - 0"	7' - 0"	1 3/4"	N	SOLID CORE WOOD	STAIN	HM	HOLLOW METAL	PTD			2502A
2503A	2503	SUPPLIES		3' - 0"	7' - 0"	1 3/4"	DF	SOLID CORE WOOD	STAIN	HM	HOLLOW METAL	PTD			2503A
2504A	2504	PHYSICIAN		3' - 0"	7' - 0"	1 3/4"	N	SOLID CORE WOOD	STAIN	HM	HOLLOW METAL	PTD			2504A
2505A	2505	EXAM 1		3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL	PAINT	HM	HOLLOW METAL	PTD			2505A
2506A	2506	EXAM 2		3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL	PAINT	HM	HOLLOW METAL	PTD			2506A
2507A	2507	COUNSELING		3' - 0"	7' - 0"	1 3/4"	N	SOLID CORE WOOD	PAINT	HM	HOLLOW METAL	PTD			2507A
2508A	2508	EXAM 3		3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL	PAINT	HM	HOLLOW METAL	PTD			2508A
2509A	2509	MEDICAL STORAGE		3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL	PAINT	HM	HOLLOW METAL	PTD			2509A
2510A	2510	EXAM 4		3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL	PAINT	HM	HOLLOW METAL	PTD			2510A
2512A	2512	TREATMENT SUITE		3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL	PAINT	HM	HOLLOW METAL	PTD			2512A
2513A	2513	EXAM 5 (PRENATAL)		3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL	PAINT	HM	HOLLOW METAL	PTD			2513A
2514A	2514	EXAM 6 (ISO)		3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL	STAIN	HM	HOLLOW METAL	PTD			2514A
2515A	2515	ANTEROOM		3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL	STAIN	HM	HOLLOW METAL	PTD			2515A
2516A	2516	EXAM 7 (ISO)		3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL	STAIN	HM	HOLLOW METAL	PTD			2516A
2517A	2517	BIOHAZARD		5' - 0"	7' - 0"	1 3/4"	DF	SOLID CORE WOOD	STAIN	HM	HOLLOW METAL	PTD			2517A
2518A	2518	HEAD NURSE		3' - 0"	7' - 0"	1 3/4"	N	SOLID CORE WOOD	STAIN	HM	HOLLOW METAL	PTD			2518A
2519A	2519	SOILED UTILITY		5' - 0"	7' - 0"	1 3/4"	DF	SOLID CORE WOOD	STAIN	HM	HOLLOW METAL	PTD			2519A
2520A	2520	CLEAN UTILITY		3' - 0"	7' - 0"	1 3/4"	FL	SOLID CORE WOOD	STAIN	HM	HOLLOW METAL	PTD			2520A
2521A	2521	STORAGE		3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL	PAINT	HM	HOLLOW METAL	PTD			2521A
2523A	2523	UTILITY		3' - 0"	7' - 0"	1 3/4"	CO	-		HM	HOLLOW METAL	PTD			2523A
2524A	2524	ADMIN OFFICER		3' - 0"	7' - 0"	1 3/4"	N	SOLID CORE WOOD	STAIN	HM	HOLLOW METAL	PTD			2524A
2525A	2525	ADMIN SERVICES		3' - 0"	7' - 0"	1 3/4"	N	SOLID CORE WOOD	STAIN	HM	HOLLOW METAL	PTD			2525A
2526A	2526	PROGRAM ADMINISTRATOR		3' - 0"	7' - 0"	1 3/4"	N	SOLID CORE WOOD	STAIN	HM	HOLLOW METAL	PTD			2526A
2527A	2527	COMMUNITY HEALTH WORKER		3' - 0"	7' - 0"	1 3/4"	N	SOLID CORE WOOD	STAIN	HM	HOLLOW METAL	PTD			2527A
2528A	2528	ADMIN OFFICER		3' - 0"	7' - 0"	1 3/4"	N	SOLID CORE WOOD	PAINT	HM	HOLLOW METAL	PTD			2528A
2530A	2530	CASE MANAGER		3' - 0"	7' - 0"	1 3/4"	N	SOLID CORE WOOD	PAINT	HM	HOLLOW METAL	PTD			2530A
2531A	2531	COORDINATOR		3' - 0"	7' - 0"	1 3/4"	N	SOLID CORE WOOD	PAINT	HM	HOLLOW METAL	PTD			2531A
2532A	2532	DIRECTOR		3' - 0"	7' - 0"	1 3/4"	N	SOLID CORE WOOD	STAIN	HM	HOLLOW METAL	PTD			2532A
2533A	2533	EPIDEMIOLOGY		3' - 0"	7' - 0"	1 3/4"	N	SOLID CORE WOOD	PAINT	HM	HOLLOW METAL	PTD			2533A
2534A	2534	SURVEILLANCE OFFICER		3' - 0"	7' - 0"	1 3/4"	N	SOLID CORE WOOD	PAINT	HM	HOLLOW METAL	PTD			2534A
2535A	2535	TELEHEALTH		3' - 0"	7' - 0"	1 3/4"	N	SOLID CORE WOOD	PAINT	HM	HOLLOW METAL	PTD			2535A
2536A	2536	SURVEILLANCE OFFICER		3' - 0"	7' - 0"	1 3/4"	N	SOLID CORE WOOD	PAINT	HM	HOLLOW METAL	PTD			2536A
2537A	2537	TB COORDINATOR		3' - 0"	7' - 0"	1 3/4"	N	SOLID CORE WOOD	PAINT	HM	HOLLOW METAL	PTD			2537A
2538A	2538	SURVEILLANCE OFFICER		3' - 0"	7' - 0"	1 3/4"	N	SOLID CORE WOOD	PAINT	HM	HOLLOW METAL	PTD			2538A
2539A	2539	MEDICAL CASE MANAGER		3' - 0"	7' - 0"	1 3/4"	N	SOLID CORE WOOD	PAINT	HM	HOLLOW METAL	PTD			2539A
2540A	2540	NURSE PRACTITIONER		3' - 0"	7' - 0"	1 3/4"	N	SOLID CORE WOOD	STAIN	HM	HOLLOW METAL	PTD			2540A
2541A	2541	MEDICAL CASE MANAGER		3' - 0"	7' - 0"	1 3/4"	N	SOLID CORE WOOD	PAINT	HM	HOLLOW METAL	PTD			2541A
2542A	2542	PHYSICIAN		3' - 0"	7' - 0"	1 3/4"	N	SOLID CORE WOOD	STAIN	HM	HOLLOW METAL	PTD			2542A
2543A	2543	LINKAGE TO CARE COORDINATOR		3' - 0"	7' - 0"	1 3/4"	N	SOLID CORE WOOD	PAINT	HM	HOLLOW METAL	PTD			2543A
2544A	2544	DISEASE INTERVENTION SPECIALIST		3' - 0"	7' - 0"	1 3/4"	N	SOLID CORE WOOD	PAINT	HM	HOLLOW METAL	PTD			2544A
2545A	2545	PHYSICIAN		3' - 0"	7' - 0"	1 3/4"	N	SOLID CORE WOOD	STAIN	HM	HOLLOW METAL	PTD			2545A
2546A	2546	DISEASE INTERVENTION SPECIALIST		3' - 0"	7' - 0"	1 3/4"	N	SOLID CORE WOOD	PAINT	HM	HOLLOW METAL	PTD			2546A
2700A	2700	LOBBY		3' - 0"	7' - 0"	1 3/4"	N	SOLID CORE WOOD	STAIN	HM	HOLLOW METAL	PTD			2700A
2702A	2702	PUBLIC TLT.		3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL	PAINT	HM	HOLLOW METAL	PTD			2702A
2703A	2703	CASHIER		3' - 0"	7' - 0"	1 3/4"	N	SOLID CORE WOOD	STAIN	HM	HOLLOW METAL	PTD			2703A
2704A	2704	PUBLIC TLT.		3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL	PAINT	HM	HOLLOW METAL	PTD			2704A
2705A	2705	PATIENT TLT.		3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL	PAINT	HM	HOLLOW METAL	PTD			2705A
2706A	2706	CORRIDOR 1		3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL	PAINT	HM	HOLLOW METAL	PTD			2706A
2707A	2707	JANITOR		5' - 0"	7' - 0"	1 3/4"	DF	SOLID CORE WOOD	STAIN	HM	HOLLOW METAL	PTD			2707A
2708A	2708	CORRIDOR 2		3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL	PAINT	HM	HOLLOW METAL	PTD			2708A
2709A	2709	TELECOM		3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL	PAINT	HM	HOLLOW METAL	PTD			2709A
2710A	2710	ELECTRICAL		5' - 0"	7' - 0"	1 3/4"	CO		-	HM	HOLLOW METAL	PTD			2710A
2711A	2711	STAFF TLT.		3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL	PAINT	HM	HOLLOW METAL	PTD			2711A
2712A	2712	STAFF TLT.		3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL	PAINT	HM	HOLLOW METAL	PTD			2712A
2713A	2713	CONFERENCE ROOM		3' - 0"	7' - 0"	1 3/4"	N	SOLID CORE WOOD	STAIN	HM	HOLLOW METAL	PTD			2713A
2714A	2714	BREAKROOM		3' - 0"	7' - 0"	1 3/4"	N	SOLID CORE WOOD	STAIN	HM	HOLLOW METAL	PTD			2714A
2715A	2715	LACTATION		3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL	PAINT	HM	HOLLOW METAL	PTD			2715A
2716A	2716	MECHANICAL		3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL	PAINT	HM	HOLLOW METAL	PTD			2716A

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.

springline architects — A NOVUS ARCHITECTS Company

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS

OFFICE OF DISASTER RECOVERY — U.S. VIRGIN ISLANDS

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS — DEPARTMENT OF HEALTH

IN PROGRESS DOCUMENTS FOR INTERIM REVIEW ONLY. NOT FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Programming	10/15/2025
B	30% CDs	04/06/2026
C	60% CDs	
D	90% CDs	
E	100% CDs	

KNUD HANSEN DOH TOWER
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

DOOR & WINDOW SCHEDULES

NOT FOR CONSTRUCTION

REVISIONS:

No.	Description	Date

DRAWN BY: Author

CHECKED BY: JT

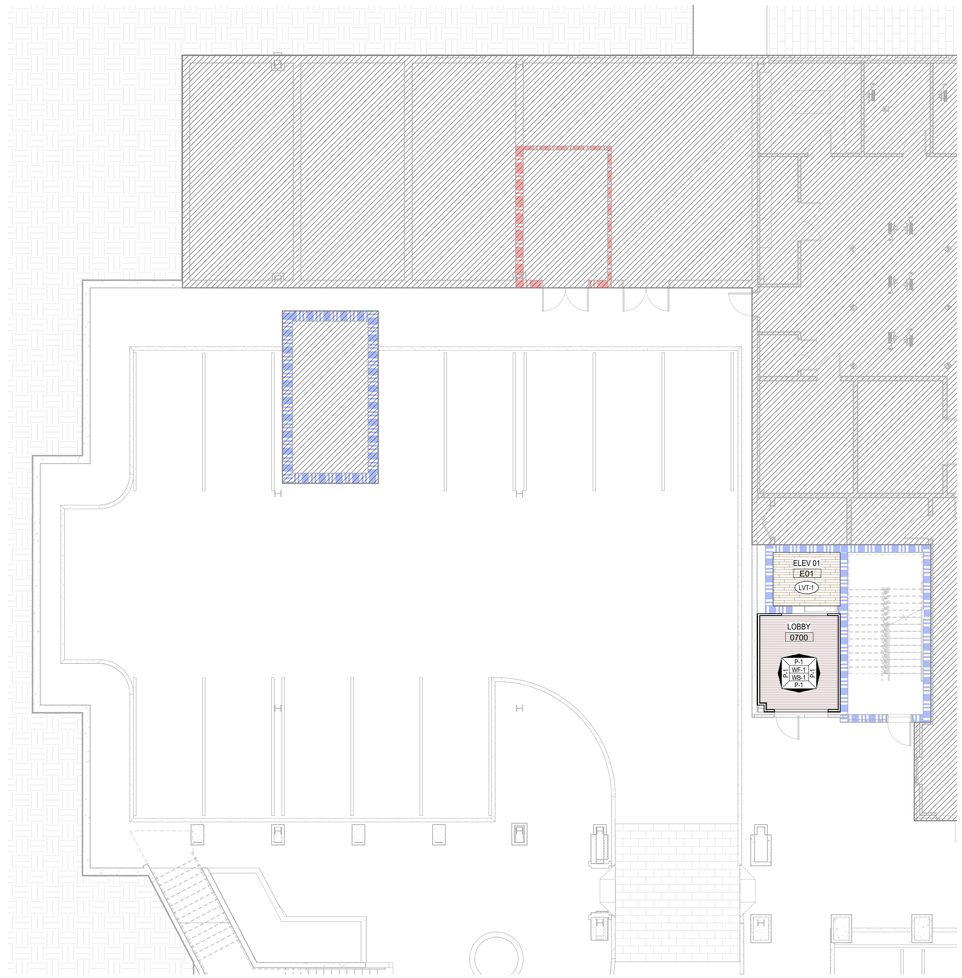
DATE: 04.06.2026

NOVUS JOB NUMBER
470-23-50

IDIQ TASK ORDER NUMBER
010-8-101472

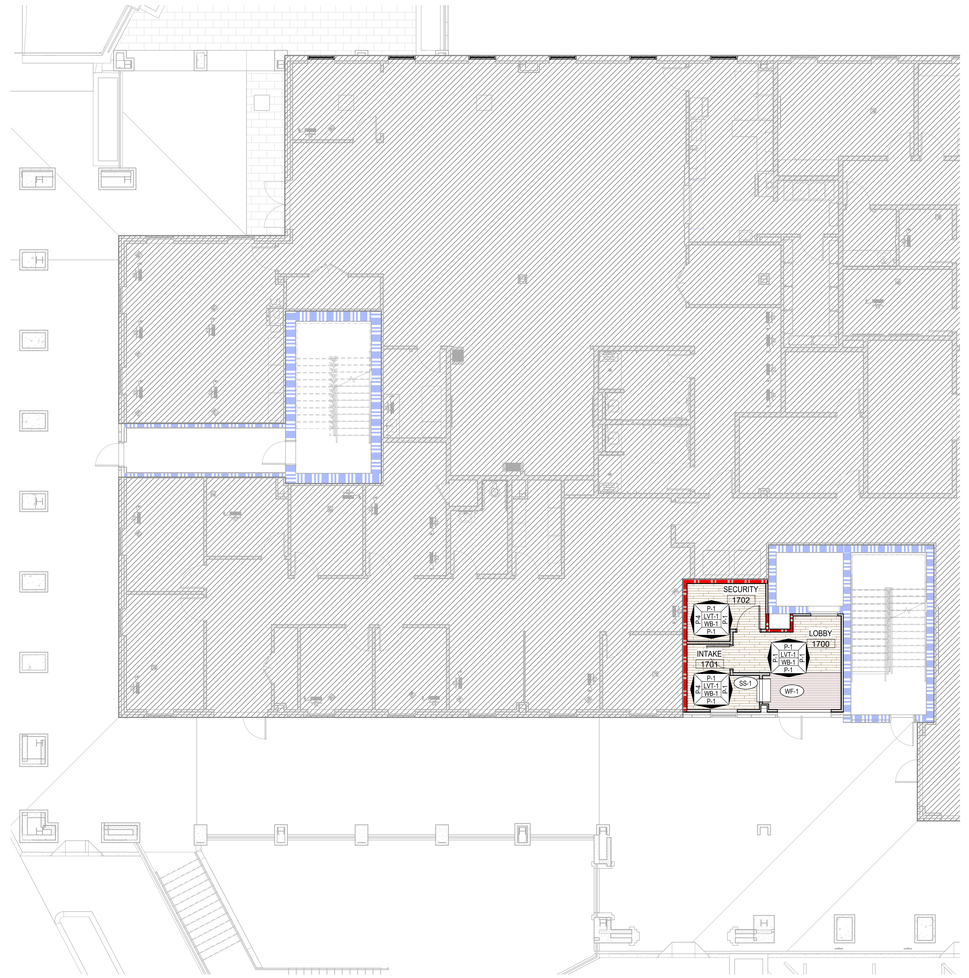
SHEET NUMBER
A601

B: 30% CONSTRUCTION DOCUMENTS



B1 LOWER FLOOR FINISH PLAN

A801 1/8" = 1'-0"



B3 MAIN FLOOR FINISH PLAN

A801 1/8" = 1'-0"

FINISH SELECTIONS - INTERIOR

MARK	MATERIAL TYPE	PRODUCT DESCRIPTION	INSTALLATION	COMMENTS
800 - FINISHES				
ACT-1	ACOUSTICAL CEILING TILE	USG; RADAR CLIMAPLUS #2410; COLOR: WHITE		GRID: USG; DOWN DX.DXL; FLAT WHITE #50
C-1	UNFINISHED CONCRETE			
CG-1	CORNER GUARD 90 DEGREE	C5 ACROVYN; 9M-20N; COLOR: TBD		4' HIGH
CPT-1	CARPET TILES	INTERFACE; STYLE: TBD	ASHLAR INSTALLATION	
LVT-1	LUXURY VINYL TILE	SHAW CONTRACT, TERRAIN II; COLOR: TBD	ASHLAR	
LVT-2	LUXURY VINYL TILE	MANNINGTON; COLOR: TBD		
P-1	PAINT	SHERWIN WILLIAMS; TBD; EGGSHELL		GENERAL WALL PAINT
P-2	PAINT	SHERWIN WILLIAMS; TBD		HM DOORS AND FRAMES - SEMI GLOSS
P-4	PAINT	SHERWIN WILLIAMS; TBD; EGGSHELL		ACCENT WALL PAINT
P-5	PAINT	SHERWIN WILLIAMS, SW 7007 CEILING BRIGHT WHITE		CEILING PAINT
PL-1	PLASTIC LAMINATE			
RVS	WALL PROTECTION	ACROVYN; RIGID VINYL SHEET 4000		
SC-1	STAINED CONCRETE			
SS-1	SOLID SURFACE, CORIAN	CORIAN, COLOR: TBD		COUNTERS AND WINDOW SILLS
T-1	PORCELAIN TILE 12x24	DALTILE; VIRTUO; COMPOSER VR11; 12"x24"		TOILET ROOM FLOORS AND WALLS
T-2	TILE	DALTILE QUARRY TILE; COLOR: ARID FLASH; SIZE: 6"x6"		KITCHEN AND PANTRY TILE
TB-1	TILE BASE	DALTILE; 6" H BASE		
TB-2	TILE BASE	DALTILE; QUARRY TILE BASE; COLOR: ARID FLASH, 5 x 6" ROUND TOP COVE BASE		
TCF	TEXTILE COMPOSITION TILE	J&J FLOORING, KINETEX	ASHLAR	
WB-1	WALL BASE	TARKETT; JOHNSONITE; 4" HIGH MILLWORK BASE; COLOR: TBD		
WF-1	WALKOFF CARPET TILE	J+J FLOORING; STYLE: INCOGNITO; COLOR: TBD; SIZE: 24"x24"	QUARTER-TURN INSTALLATION	

FINISH SYMBOL LEGEND

GENERAL

NOT IN SCOPE OF WORK (UNLESS NOTED OTHERWISE)

WEST WALL FINISH
NORTH WALL FINISH
FLOOR FINISH
EAST WALL FINISH
WALL BASE FINISH
SOUTH WALL FINISH

WALLS

ACCENT FINISH

ACOUSTIC WALL PANEL TYPES

(ASL-1) ACOUSTIC SURFACE LINER PANEL, (SEE SPECS.)

(PAT-1) PREFABRICATED ACOUSTICAL TREATMENT, (SEE SPECS.)

FLOORING

PORCELAIN TILE
T

CARPET
CPT

TEXTILE COMPOSITION TILE
TCF

LUXURY VINYL TILE
LVT

SEALED CONCRETE
SC

GENERAL FINISH NOTES

1. ALL PAINT COLOR AND VARNISH STAINS, FINISHES TO BE SELECTED BY ARCHITECT
2. CONTRACTOR VERIFY ALL EXISTING PAINT FINISHES. THIS IS A HISTORIC BUILDING W/ MULTIPLE EXISTING PAINT FINISHES
3. ALL EXISTING LIME WASH PAINT FINISHES MUST BE HAND SCRAPPED, NO SANDBLASTING PERMITTED ON THESE TYPES OF EXISTING SURFACES.
4. SURFACES W/ MULTIPLE & HYBRID PAINT FINISHES, CONTRACTOR SHOULD CONTACT ARCHITECT TO DETERMINE FINAL PAINT FINISH TO BE APPLIED.
5. ALL DEMOLITION WORK THAT CAUSES EXISTING PAINT FINISHES AND/OR PLASTER FINISHES TO BE REMOVED FROM SURFACES SHOULD BE REPAIRED NO REPLACED W/ THE SAME MATERIAL FINISH. ANY QUESTIONS ON WHAT MATERIAL TO REUSE, CONTRACTOR MUST CONTACT ARCHITECT PRIOR TO SELECTION OF MATERIAL AND PERFORMANCE OF REPAIR WORK.
6. ALL MORTAR MIXES MUST MEET CONSTRUCTION DOCUMENT SPECIFICATIONS AND MANUFACTURER'S SPECIFICATIONS.

GENERAL LEGEND

REFER TO SHEET G001 AND G002 FOR DRAWING INDEX, KEYNOTES, AND GENERAL LEGEND SYMBOLS SUCH AS VIEW TAGS, WINDOW TAGS, DOOR TAGS, ROOM TAGS, WALL TAGS, AND PATTERNS.

WALL LEGEND

- NON-RATED SMOKE PARTITION
- 1 HOUR FIRE BARRIER
- 1 HOUR SMOKE BARRIER
- 2 HOUR FIRE BARRIER
- 2 HOUR SMOKE BARRIER
- TO CEILING +6"
- TO DECK ABOVE
- (ACOUSTIC / INSULATED) TO CEILING +6"
- (ACOUSTIC / INSULATED) TO DECK ABOVE

*SEE G201 FOR WALL TYPE INFORMATION

NORTH

springline architects — A NOVUS ARCHITECTS Company

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS

OFFICE OF DISASTER RECOVERY U.S. VIRGIN ISLANDS

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS DEPARTMENT OF HEALTH

IN PROGRESS DOCUMENTS FOR INTERIM REVIEW ONLY. NOT FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Programming	10/15/2025
B	30% CDs	04/06/2026
C	60% CDs	
D	90% CDs	
E	100% CDs	

KNUD HANSEN DOH TOWER
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

LOWER & MAIN FLOOR FINISH PLANS

REVISIONS:

No.	Description	Date

DRAWN BY: Author
CHECKED BY: JT
DATE: 04.06.2026

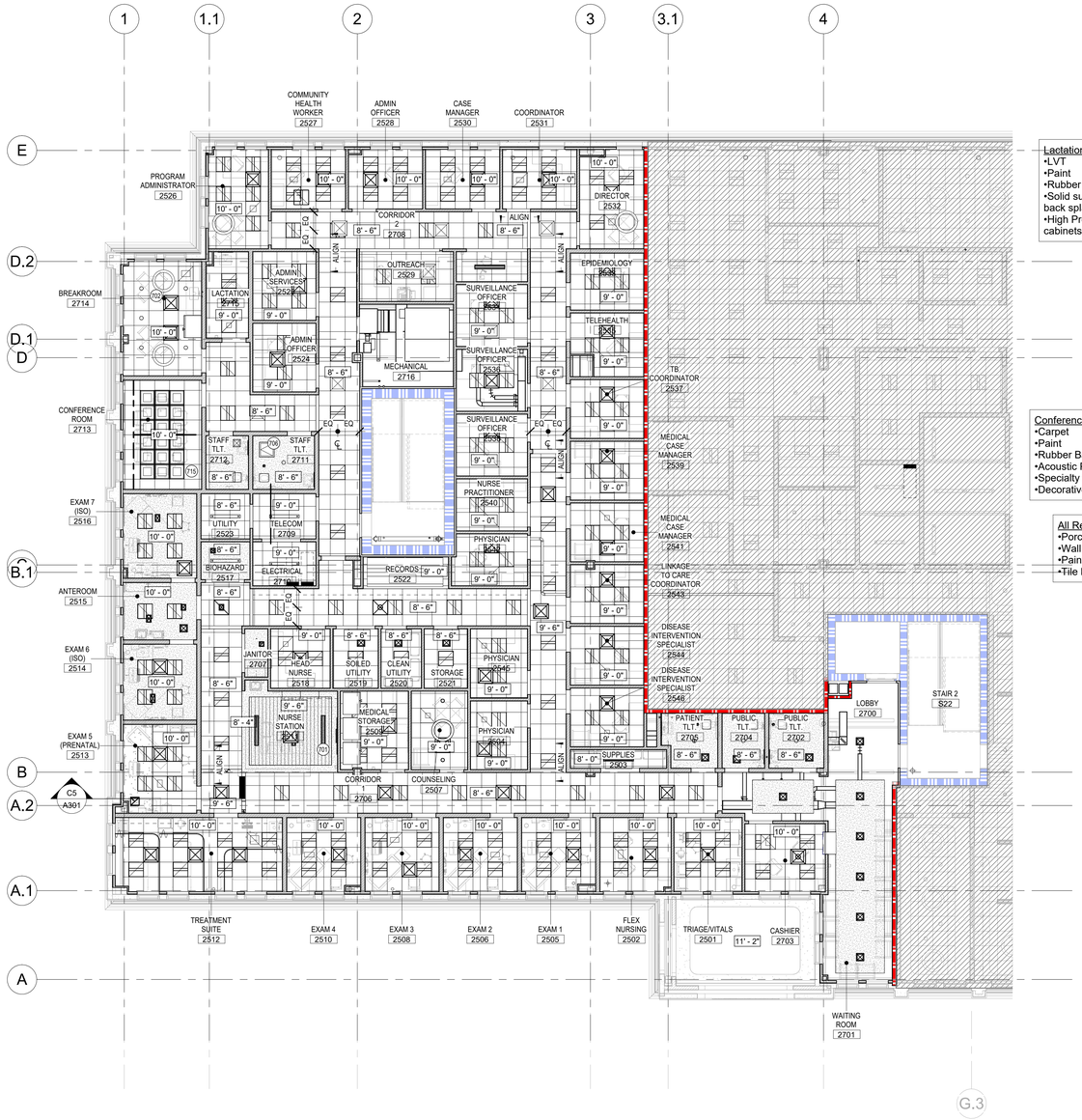
NOVUS JOB NUMBER
470-23-50
CDR TASK ORDER NUMBER
010-8-101472

SHEET NUMBER
A801

B: 30% CONSTRUCTION DOCUMENTS

NOT FOR CONSTRUCTION

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.



B1 2ND FLOOR REFLECTED CEILING PLAN
A802 1/8" = 1'-0"

Lactation and Breakroom:
•LVT
•Paint
•Rubber Base
•Solid surface counter top and back splash
•High Pressure Laminate cabinets

Conference Room:
•Carpet
•Paint
•Rubber Base
•Acoustic Panels (optional)
•Specialty lighting (optional)
•Decorative Ceiling (optional)

All Restrooms
•Porcelain Floor Tiles
•Wall Tiles at wet walls
•Paint
•Tile Base

Work Counter:
•TCF
•Paint
•Rubber Base
•High Pressure Laminate counter top
•High Pressure Laminate cabinets

Nurse Station:
•LVT
•Paint
•Rubber Base
•Solid Surface desk top finish
•High Pressure Laminate cabinets and vertical surfaces
•Specialty lighting (optional)
•Decorative Ceiling (optional)

Exam Rooms:
•LVT
•Paint
•Rubber Base
•Solid surface counter top and back splash
•High Pressure Laminate cabinets

Lobby
•LVT
•Paint
•Rubber Base
•Decorative Ceiling (optional)

Cashier:
•Carpet
•Paint
•Rubber Base
•Solid Surface desk top finish
•High Pressure Laminate cabinets and vertical surfaces

B3 2ND FLOOR FINISH PLAN
A802 1/8" = 1'-0"

REFER TO A801 FOR FINISH SELECTION SCHEDULE

KEYNOTES - NEW WORK

700 - RCP	
701	DECORATIVE ACOUSTIC CEILING
702	SPECIALTY LIGHTING
706	CEILING PLENUM ACCESS DOOR, SEE SPECS (FINAL LOCATION TO BE COORD W OWNER)
715	ACOUSTIC CEILING TILES

CEILING SYMBOL LEGEND

- 10'-0" — CEILING HEIGHT 10'-0" UNLESS OTHERWISE NOTED
- 2' x 2' ACOUSTICAL CEILING TILE ACT-1
- GYPSUM BOARD CEILING GYB-1 - PAINT, TYP
- ACOUSTIC CEILING PANEL SYSTEM ACP-1
- 10'-0" — CEILING HEIGHT 10'-0" UNLESS OTHERWISE NOTED
- RETURN LINEAR GRILLE, - SEE MECHANICAL
- SUPPLY LINEAR GRILLE - SEE MECHANICAL
- EXHAUST GRILLE - SEE MECHANICAL
- RETURN GRILLE - SEE MECHANICAL
- SUPPLY GRILLE - SEE MECHANICAL
- ACCESS DOOR 1'-8" X 1'-8" - SEE SPECS.
- SMOKE DETECTOR HARDWIRED INTO PANEL BOX W/ BATTERY BACKUP
- RECESSED CAN LIGHT FIXTURE - SEE ELECTRICAL
- EXTERIOR WALL MOUNTED SCONCE FIXTURE - SEE ELECTRICAL
- 2x2 RECESSED TROFFER FIXTURE - SEE ELECTRICAL
- 1X1 SURFACE MOUNTED FIXTURE - SEE ELECTRICAL
- 1X8 DIRECT INDIRECT PENDANT FIXTURE - SEE ELECTRICAL
- 2x2 DIRECT/ INDIRECT LAY-IN FIXTURE - SEE ELECTRICAL

FINISH SYMBOL LEGEND

GENERAL
- NOT IN SCOPE OF WORK (UNLESS NOTED OTHERWISE)
- WEST WALL FINISH
- NORTH WALL FINISH
- FLOOR FINISH
- EAST WALL FINISH
- WALL BASE FINISH
- SOUTH WALL FINISH

WALLS
- X — ACCENT FINISH

ACOUSTIC WALL PANEL TYPES
- (ASL-1) ACOUSTIC SURFACE LINER PANEL, (SEE SPECS.)
- (PAT-1) PREFABRICATED ACOUSTICAL TREATMENT, (SEE SPECS.)

FLOORING
- PORCELAIN TILE T
- CARPET CPT
- TEXTILE COMPOSITION TILE TCF
- LUXURY VINYL TILE LVT
- SEALED CONCRETE SC

REFLECTED CEILING PLAN NOTES

1. PRIOR TO CONSTRUCTION, CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND NOTIFY ARCHITECT OF DISCREPANCIES GREATER THAN 2" PRIOR TO FRAMING WALLS.
2. DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD AT NEW WALLS, FACE OF STUD TO INTERIOR FACE OF EXTERIOR WALLS, AND FACE OF STUD TO FINISH FACE OF EXISTING WALLS WHERE SHOWN. ASSUME 5" NOMINAL WIDTHS OF STUD WALLS UNLESS OTHER WISE NOTED.
3. ANY "VERIFY" DIMENSION IS A FLEX AREA TO ALLOW FOR FIELD ADJUSTMENTS AND ALIGNMENT WITH EXISTING WALLS AND/OR COLUMNS.
4. LOCATE DOORS 4" FROM HINGE SIDE TYPICALLY, UNLESS OTHERWISE SHOWN. AT LATCH SIDE OF DOOR PROVIDE A MINIMUM OF 18" CLEAR SPACE ON PULL SIDE OF DOOR AND 12" ON THE PUSH SIDE.
5. REFER TO ENLARGED PLANS FOR ADDITIONAL DIMENSIONS.
6. (F.V.) = FIELD VERIFY
7. SEE DRYWALL SOFFITS INDICATED ON A103 & A601 FOR ALIGNMENT WITH WALLS/CASEWORK BELOW.
8. GYP. BD. ONE SIDE @ CHASE WALLS.
9. ALIGN NEW WALLS WITH EXISTING ADJACENT WALLS WHERE APPLICABLE FOR A SMOOTH, CONTINUOUS FINISH.

GENERAL FINISH NOTES

1. ALL PAINT COLOR AND VARNISH STAINS, FINISHES TO BE SELECTED BY ARCHITECT
2. CONTRACTOR VERIFY ALL EXISTING PAINT FINISHES. THIS IS A HISTORIC BUILDING W/ MULTIPLE EXISTING PAINT FINISHES
3. ALL EXISTING LIME WASH PAINT FINISHES MUST BE HAND SCRAPPED, NO SANDBLASTING PERMITTED ON THESE TYPES OF EXISTING SURFACES.
4. SURFACES W/ MULTIPLE & HYBRID PAINT FINISHES, CONTRACTOR SHOULD CONTACT ARCHITECT TO DETERMINE FINAL PAINT FINISH TO BE APPLIED.
5. ALL DEMOLITION WORK THAT CAUSES EXISTING PAINT FINISHES AND/OR PLASTER FINISHES TO BE REMOVED FROM SURFACES SHOULD BE REPAIRED ND REPLACED W/ THE SAME MATERIAL FINISH. ANY QUESTIONS ON WHAT MATERIAL TO REUSE, CONTRACTOR MUST CONTACT ARCHITECT PRIOR TO SELECTION OF MATERIAL AND PERFORMANCE OF REPAIR WORK.
6. ALL MORTAR MIXES MUST MEET CONSTRUCTION DOCUMENT SPECIFICATIONS AND MANUFACTURER'S SPECIFICATIONS.

GENERAL LEGEND

REFER TO SHEET G001 AND G002 FOR DRAWING INDEX, KEYNOTES, AND GENERAL LEGEND SYMBOLS SUCH AS VIEW TAGS, WINDOW TAGS, DOOR TAGS, ROOM TAGS, WALL TAGS, AND PATTERNS.

WALL LEGEND

- NON-RATED SMOKE PARTITION
- 1 HOUR FIRE BARRIER
- 1 HOUR SMOKE BARRIER
- 2 HOUR FIRE BARRIER
- 2 HOUR SMOKE BARRIER
- TO CEILING +6"
- TO DECK ABOVE
- (ACOUSTIC / INSULATED) TO CEILING +6"
- (ACOUSTIC / INSULATED) TO DECK ABOVE

*SEE G201 FOR WALL TYPE INFORMATION

NORTH

springline architects — A NOVUS ARCHITECTS Company

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS

OFFICE OF DISASTER RECOVERY U.S. VIRGIN ISLANDS

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS DEPARTMENT OF HEALTH

IN PROGRESS DOCUMENTS FOR INTERIM REVIEW ONLY. NOT FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Programming	10/15/2025
B	30% CDs	04/06/2026
C	60% CDs	
D	90% CDs	
E	100% CDs	

KNUD HANSEN DOH TOWER
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

2ND FLOOR RCP & FINISH PLAN

REVISIONS:

No.	Description	Date

DRAWN BY: Author
CHECKED BY: JT
DATE: 04.06.2026

NOVUS JOB NUMBER 470-23-50
CDR TASK ORDER NUMBER 010-8-101472

SHEET NUMBER A802

B: 30% CONSTRUCTION DOCUMENTS

NOT FOR CONSTRUCTION

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.

FIRE PROTECTION SPECIFICATIONS

1.00 - GENERAL PROVISIONS

1.1 PROVIDE ALL LABOR, MATERIAL AND EQUIPMENT FOR A COMPLETE AND PROPERLY OPERATING FIRE PROTECTION SYSTEM.

1.2 CODES AND STANDARDS: THE FIRE SPRINKLER PROTECTION SYSTEMS INSTALLATION, FLUSHING AND TESTING SHALL COMPLY WITH THE REQUIREMENTS OF NFPA 13, 14 AND 24 AND ALL LOCAL CODES HAVING JURISDICTION.

1.3 PIPE THREAD PATTERN: ALL THREADS SHALL BE IN ACCORDANCE WITH LOCAL FIRE DEPARTMENT SPECIFICATIONS AND NFPA 1963.

1.4 UL/FM APPROVAL: ALL EQUIPMENT, VALVES, COUPLINGS, HANGERS AND DEVICES SHALL BE APPROVED BY UNDERWRITERS' LABORATORY (UL) OR FACTORY MUTUAL (FM) FOR USE IN FIRE PROTECTION SERVICE.

1.5 LICENSURE: THE FIRE PROTECTION SYSTEMS SHALL BE INSTALLED BY A STATE CERTIFIED FIRE PROTECTION CONTRACTOR.

1.6 ALL FIRE PROTECTION WORK SHALL BE DONE IN A NEAT AND WORKMAN-LIKE MANNER.

1.7 CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS AND FEES, ETC., REQUIRED FOR THE EXECUTION OF THIS WORK.

1.8 CONTRACTOR SHALL COORDINATE WORK WITH OTHER TRADES BEFORE FABRICATION OR INSTALLATION. OFFSETS AND/OR TRANSITIONS REQUIRED SHALL BE PROVIDED WITHOUT ADDITIONAL COST. CONTRACTOR SHALL COORDINATE AND INSTALL WORK IN A TIMELY MANNER TO PREVENT DELAYS IN THE CONSTRUCTION.

1.9 CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR OR REPLACE DAMAGED EQUIPMENT AND/OR MATERIAL.

1.10 PIPING SHOP DRAWINGS: SUBMIT 1/8" SCALE PIPING SHOP DRAWINGS. SHOP DRAWINGS SHALL INCLUDE SPRINKLER PIPING CUT LENGTHS, OFFSETS, FITTINGS AND DEVICES, ELEVATIONS, HANGER LOCATIONS, SPRINKLER HEAD COUNT BY TYPE, ELEVATION SECTIONS AND OTHER INSTALLATION INFORMATION. SUBMIT HYDRAULIC CALCULATIONS PROVING THE VIABILITY OF THE MOST HYDRAULICALLY-REMOTE AREAS OF THE PROJECT. INDICATE HYDRAULIC REFERENCE POINTS AND SUBMIT COMPUTER ANALYZED NODAL CALCULATIONS IN BOTH TABULAR AND GRAPHICAL FORMATS. HYDRAULIC IMBALANCE SHALL NOT EXCEED 0.01 GPM AT ANY NODE, AND WATER VELOCITY SHALL NOT EXCEED 20 FEET PER SECOND. DEMONSTRATE COMPLIANCE WITH THE REQUIREMENTS OF NFPA 13 REGARDING DENSITY, AREA OF APPLICATION, SELECTION OF HYDRAULICALLY-REMOTE AREAS, AND MAXIMUM COVERAGE PER SPRINKLER. ***SHOP DRAWINGS AND HYDRAULIC CALCULATIONS SHALL BE SIGNED AND SEALED BY A STATE LICENSED PROFFESIONAL ENGINEER (PE).***

1.11 COORDINATE ALL PIPE ROUTING WITH ALL OTHER TRADES PRIOR TO INSTALLATION. ROUTE ALL PIPING TO AVOID DUCTWORK, PIPING, AND BUILDING STRUCTURE.

2.00 - BASIC MATERIALS AND METHODS

2.1 GENERAL: ONLY THE FOLLOWING MATERIALS DESIGNED FOR 175 PSIG CWP SHALL BE USED FOR FIRE PROTECTION PIPING UNLESS SPECIFICALLY INDICATED OTHERWISE. ALL PIPING MATERIALS SHALL HAVE A CORROSION RESISTANCE RATING (CCR) OF 1.0 OR GREATER.

2.2 PIPE AND FITTINGS: SCHEDULE 40 STEEL PIPE TO BE JOINED BY GROOVED COUPLINGS. THREADED FITTINGS. SCHEDULE 10 STEEL PIPE SHALL BE JOINED BY ROLLED GROOVE COUPLINGS OR WELDED ONLY.

2.3 HANGERS: ALL HANGER SPACING SHALL COMPLY WITH THE REQUIREMENTS OF NFPA-13.
SPRINKLER CAGE GUARD: PROVIDE HEAD GUARDS ON ALL HEADS IN ELECTRICAL ROOMS AND ON ALL HEADS LESS THAN 7'-0" ABOVE FINISHED FLOOR.

2.4 ACCESS PANELS: PROVIDE ACCESS PANELS TO ALL VALVES WITHIN CHASES OR ABOVE NON-ACCESSIBLE CEILINGS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

2.5 HYDROSTATIC TESTS: ABOVE GROUND AND BELOW GROUND PIPING SYSTEMS SHALL BE HYDROSTATICALLY TESTED AT NOT LESS THAN 200 PSI PRESSURE, OR AT 50 PSI IN EXCESS OF THE MAXIMUM PRESSURE, WHICHEVER IS GREATER, FOR A PERIOD OF 2 HOURS. THE TEST PRESSURE SHALL BE READ FROM A GAUGE LOCATED AT THE LOW ELEVATION POINT OF THE INDIVIDUAL SYSTEM OR PORTION OF THE SYSTEM BEING TESTED. THE SPRINKLER PIPING SHALL NOT HAVE LEAKAGE EXCEEDING THE AMOUNTS SPECIFIED IN NFPA 24. LEAKAGE QUANTITIES SHALL BE DETERMINED BY PUMPING AT THE SPECIFIED TEST PRESSURE FROM A CALIBRATED CONTAINER. REPAIR LEAKING JOINTS AND RETEST AS NECESSARY UNTIL ALL SYSTEMS HAVE BEEN TESTED. TEST THE PIPING BETWEEN THE CHECK VALVE IN THE FIRE DEPARTMENT INLET PIPE AND THE OUTSIDE CONNECTION THE SAME AS THE BALANCE OF THE SYSTEM.

3.00 - FIRE PROTECTION VALVES AND ACCESSORIES

3.1 BUTTERFLY TYPE ISOLATION, 2-1/2 INCH AND LARGER: ISOLATION VALVES 2-1/2 INCH AND LARGER SHALL BE CAST IRON BODY BUTTERFLY VALVES WITH THE VALVE SIZE, PRESSURE RATING, MANUFACTURER AND "UL" AND "FM" CAST INTO THE BODY. VALVE SHALL HAVE BRONZE OR CAST IRON DISC, NEOPRENE DISC LINER, CAST IRON HANDWHEEL WITH DISC POSITION INDICATOR. INTEGRAL TAMPER SWITCH, 175 PSIG CWP WORKING PRESSURE, 350 PSIG CWP TEST PRESSURE, AND FLANGED OR GROOVED CONNECTIONS - GRINNELL 800 FP OR EQUAL.

3.2 ISOLATION VALVE TAMPER SWITCH: PROVIDE AN ELECTRONIC SUPERVISORY OR TAMPER SWITCH ON EACH ISOLATION VALVE IN THE SPRINKLER SYSTEM. UNIT SHALL HAVE A RED TAMPER-PROOF COVER WHICH WILL ACTIVATE AN ALARM OR TROUBLE SIGNAL WHEN ADJUSTED. PROVIDE UNIT WITH SINGLE-POLE, NORMALLY CLOSED MICROSWITCH, MOUNTING BRACKET, AND NON-RESETTABLE LOCK WITH REMOVABLE RESET KEY - SIMPLEX 2097-9035.

3.3 FLOW SWITCH: PROVIDE AN ELECTRIC FLOW SWITCH WHERE INDICATED OR REQUIRED. FLOW SHALL BE SENSED BY AN IMMERSION PADDLE. WITH AN ADJUSTABLE RETARD SETTING FROM 0 TO 70 SECONDS TO MINIMIZE FALSE ALARMS. FLOW SWITCH SHALL HAVE 2 SEPARATE SINGLE POLE, DOUBLE THROW MICROSWITCHES TO ACTIVATE A FLOW ALARM, OR TO INDICATE A TROUBLE SIGNAL IF THE FLOW SWITCH HOUSING IS TAMPERED. FLOW ALARM SHALL BE AUTOMATICALLY RESETTING. PROVIDE CLAMP-ON HOUSING TO SECURE UNIT TO PIPE, OR THREADED CONNECTION FOR TEE FITTING - POTTER ELECTRIC SIGNAL CO. VSR-S.

FIRE PROTECTION LEGEND

SYMBOL	DESCRIPTION
OR	- CONTROL VALVE W/ TAMPER SWITCH
	- CHECK VALVE
	- FLOW SWITCH
	- FIRE DEPARTMENT CONNECTION (WALL MOUNTED)
	- FIRE DEPARTMENT CONNECTION (SIDEWALK SIAMESE)
	- FIRE VALVE CABINET
	- STANDPIPE WITH FIRE DEPARTMENT VALVE
	- SPRINKLER DRAIN RISER
	- COMBINATION RISER
	- DRAIN VALVE
	- BACKFLOW PREVENTOR
	- BACKFLOW PREVENTOR W/ FDC
	- REVISION REFERENCE
DETAIL No. / FP3.01 / SHEET SHOWN ON	- DETAIL REFERENCE CALLOUT
X	- HYDRAULIC NODE

DESIGN CRITERIA

ENTIRE SPACE (EXCEPT AS NOTED):

OCCUPANCY CLASSIFICATION:	LIGHT HAZARD
SYSTEM TYPE:	WET PIPE
DESIGN DENSITY:	.10 GPM/SQ.FT.
HYDRAULIC REMOTE AREA:	1,500 SQ. FT.
SPRINKLER ORIFICE SIZE:	1/2"
DURATION OF SUPPLY:	60 - 90 MIN.
MAX. COVERAGE/SPRINKLER HEAD:	225 SQ. FT. OR SPRINKLER LISTING
HOSE STREAM ALLOWANCE:	250 GPM

STORAGE, MECH./ELEC. ROOMS:

OCCUPANCY CLASSIFICATION:	ORDINARY HAZARD GROUP I
SYSTEM TYPE:	WET PIPE
DESIGN DENSITY:	.15 GPM/SQ.FT.
HYDRAULIC REMOTE AREA:	1,500 SQ. FT.
SPRINKLER ORIFICE SIZE:	1/2"
DURATION OF SUPPLY:	60 - 90 MIN.
MAX. COVERAGE/SPRINKLER HEAD:	130 SQ. FT. OR SPRINKLER LISTING
HOSE STREAM ALLOWANCE:	250 GPM

STANDPIPE:

SYSTEM DESCRIPTION:	AUTOMATIC WET

REFERENCE PUBLICATIONS:

THE FOLLOWING PUBLICATIONS SHALL BE USED AS A REFERENCE FOR DESIGN OF THE FIRE SUPPRESSION SYSTEM ON THIS PROJECT.

- NFPA 2, HYDROGEN TECHNOLOGIES CODE, 2016 EDITION
- NFPA 4, STANDARD FOR INTEGRATED FIRE PROTECTION AND LIFE SAFETY SYSTEM TESTING, 2018 EDITION
- NFPA 10, STANDARD FOR PORTABLE FIRE EXTINGUISHERS, 2018 EDITION
- NFPA 11, STANDARD FOR LOW, MEDIUM, AND HIGH-EXPANSION FOAM, 2016 EDITION
- NFPA 12, STANDARD ON CARBON DIOXIDE EXTINGUISHING SYSTEMS, 2015 EDITION
- NFPA 12A, STANDARD ON HALON 1301 FOR EXTINGUISHING SYSTEMS, 2015 EDITION
- NFPA 13, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS, 2016 EDITION
- NFPA 13D, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS IN ONE AND TWO-FAMILY DWELINGS AND MANUFACTURED HOMES, 2016 EDITION
- NFPA 13R, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS IN LOW-RISE RESIDENTIAL OCCUPANCIES, 2016 EDITION
- NFPA 14, STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS, 2016 EDITION
- NFPA 15, STANDARD FOR WATER SPRAY FIXED SYSTEMS FOR FIRE PROTECTION, 2017 EDITION
- NFPA 16, STANDARD FOR THE INSTALLATION OF FOAM-WATER SPRINKLER AND FOAM-WATER SPRAY SYSTEMS, 2015 EDITION
- NFPA 17, STANDARD FOR DRY CHEMICAL EXTINGUISHING SYSTEM, 2017 EDITION
- NFPA 17A, STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS
- NFPA 20, STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION, 2016 EDITION
- NFPA 22, STANDARD FOR WATER TANKS FOR PRIVATE FIRE PROTECTION, 2013 EDITION
- NFPA 24, STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES, 2016 EDITION
- NFPA 25, STANDARD FOR THE INSPECTION, TESTING, AND MAINTENANCE OF WATER-BASED FIRE PROTECTION SYSTEMS, 2017 EDITION

SPRINKLER TYPE CRITERIA:

SPRINKLERS IN GYPSUM BOARD CEILINGS, RECEPTIONS, SPECIALTY CEILINGS TO BE CONCEALED (WHITE COVERPLATE), AND SHALL BE RATED AT 165°F WITH A 5.6 K-FACTOR.

ALL SPRINKLERS IN OFFICES AND BACK OF HOUSE SPACES TO HAVE SEMI-RECESSED SPRINKLERS (CHROME FINISH), AND SHALL BE RATED AT 165°F WITH A 5.6 K-FACTOR.

ALL SPRINKLERS IN AREAS WITH NO CEILINGS TO HAVE BRASS UPRIGHT SPRINKLERS, AND SHALL BE RATED AT 165° F WITH A 5.6 K-FACTOR. PROVIDE SPRINKLER HEAD WITH GUARDS IN MECHANICAL/ELECTRICAL ROOMS.

1. THE FIRE PROTECTION SYSTEM SCOPE OF WORK SHALL INCLUDE THE PREPARATION OF THE FIRE PROTECTION SYSTEM LAYOUT DOCUMENTS (WORKING PLANS). PROVIDE ALL EQUIPMENT, MATERIALS, COMPONENTS, ASSEMBLIES AND SUPPORT SYSTEMS REQUIRED, AS DESCRIBED, IN NFPA 13. THE FIRE PROTECTION CONTRACTOR SHALL CONDUCT A HYDRANT FLOW TEST AND PERFORM HYDRAULIC CALCULATIONS FOR PREPARATION OF THE FIRE PROTECTION SYSTEM LAYOUT DOCUMENTS (WORKING PLANS).
2. THE FIRE PROTECTION DESIGN, CALCULATIONS, INSTALLATION AND THE ACCEPTANCE TESTING OF THE FIRE PROTECTION SYSTEM SHALL BE IN ACCORDANCE WITH NFPA 13 ; NFPA 24 ;
3. AREA OCCUPANCIES AND HAZARD CLASSIFICATIONS ARE LISTED IN THE DESIGN CRITERIA NOTE LOCATED ON THE CONTRACT DOCUMENTS.
4. THE STRUCTURAL SUPPORTS AND OPENINGS FOR THE FIRE PROTECTION SYSTEM HAVE BEEN COORDINATED WITH THE STRUCTURAL ENGINEER.
5. ALL SYSTEM CONTROL VALVES SHALL BE PROVIDED WITH TAMPER SWITCHES AND INTERFACE WITH THE FACP ON THE SUPERVISORY CIRCUIT, ALL FLOW SWITCHES SHALL INTERFACE WITH THE FACP ON THE ALARM CIRCUIT.
6. THE FIRE PROTECTION CONTRACTOR SHALL PREPARE AND PROVIDE FIRE PROTECTION SYSTEM LAYOUT DOCUMENTS AND HYDRAULIC CALCULATIONS. FIRE PROTECTION SYSTEM LAYOUT DOCUMENTS WITH HYDRAULIC CALCULATIONS SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER AND THE LOCAL AHJ FOR ACCEPTANCE PRIOR TO PERMITTING.
7. ALL FIRE PROTECTION EQUIPMENT AND COMPONENTS SHALL BE LISTED AND TESTED FOR FIRE PROTECTION USE. ALL FIRE PROTECTION EQUIPMENT AND COMPONENTS SHALL BE THE U.L. LISTED AND FM APPROVED.
8. THE WATER SUPPLY FOR THE FIRE PROTECTION SYSTEM HAS NOT SHOWN ANY EVIDENCE OF MICROBIAL INDUCED CORROSION (MIC). THE FIRE PROTECTION CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER OF ANY EVIDENCE OF MIC AND PROVIDE NECESSARY WATER TREATMENT AS NEED TO REDUCE OR ELIMINATE MIC.

FIRE PROTECTION GENERAL NOTES

1. FIRE PROTECTION SYSTEM TO COMPLY WITH NFPA 13, 14, 20, 24 AND ALL APPLICABLE STATE CODES.
2. FINAL INSPECTION AND APPROVAL BY LOCAL FIRE MARSHAL AND ARCHITECT/ENGINEER.
3. SPRINKLER SHOP DRAWINGS AND MATERIAL SUBMITTALS SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER AND STATE FIRE MARSHAL AND SHALL BE APPROVED PRIOR TO ANY INSTALLATION.
4. PIPE ROUTING SHOWN IS SCHEMATIC ONLY. IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO PROVIDE ANY ADDITIONAL OFFSETS REQUIRED FOR PROPER INSTALLATION AND COORDINATION WITH OTHER TRADES.
5. PIPING IN AREAS WITH EXPOSED STRUCTURE SHALL BE INSTALLED AS HIGH AS POSSIBLE TO ALLOW THE OWNER MAXIMUM USE OF THE SPACE.
6. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING DESCRIPTIONS AND HEIGHTS.
7. SPRINKLERS ARE TO BE COORDINATED WITH ALL DIFFUSERS, SPEAKERS, LIGHTING FIXTURES AND CEILING SYSTEMS. SPACING OF SPRINKLERS SHALL BE IN ACCORDANCE WITH NFPA 13 AND THE LISTING OF THE SPRINKLER.
8. SPRINKLER LOCATIONS SHALL BE CENTERED IN THE TILE. PROVIDE ARMOVER OR SWING JOINT AS REQUIRED.
9. SPRINKLERS IN AREAS WITH EXPOSED STRUCTURE (OBSTRUCTED CONSTRUCTION) SHALL BE INSTALLED WITH DEFLECTOR 1" BELOW THE BOTTOM OF THE BEAM (MAXIMUM 22" BELOW ROOF DECK). EXPOSED BAR JOISTS THAT HAVE SPRAY-ON FIRE PROOFING THAT MAKES THE JOIST SOLID SHALL BE TREATED LIKE A BEAM WITH THE SPRINKLERS 1" BELOW THE BOTTOM OF THE FIRE PROOFING.
10. SLEEVE AND/OR FIRESTOP ALL PENETRATIONS THROUGH RATED WALLS, CEILINGS, AND FLOORS WITH UL LISTED ASSEMBLIES. FIRESTOP ASSEMBLIES SHALL BE EQUAL OR EXCEED THE RATING OF THE WALL, CEILING OR FLOOR. SEE ARCHITECTURAL DRAWINGS FOR FINAL FINISHES.
11. PROVIDE ACCESS PANELS TO ALL VALVES ABOVE NON-ACCESSIBLE CEILINGS AND CHASES.
12. PROVIDE A PERMANENTLY ATTACHED NAME TAG TO THE RISER STATING THE REQUIRED DESIGN CRITERIA FOR EACH HYDRAULICALLY-DESIGNED SYSTEM.
13. PROVIDE SPRINKLERS UNDERNEATH ALL EXPOSED DUCTWORK WHICH IS OVER 48" WIDE AND SPACE HEADS AROUND ALL OBSTRUCTIONS IN ACCORDANCE WITH NFPA 13. HEADS UNDER DUCTS ARE NOT INDICATED ON THE DRAWINGS BUT ARE REQUIRED AND SHALL BE PROVIDED IN ACCORDANCE WITH NFPA 13. SPRINKLER LOCATIONS UNDER DUCTWORK AND AROUND OBSTRUCTIONS SHALL BE GOVERNED BY FINAL INSTALLED LOCATIONS.
14. PROVIDE SPRINKLERS AT THE TOP AND BOTTOM OF ALL STAIRWELLS AND AT THE LANDING OF EACH FLOOR THAT OPENS INTO MORE THAN ONE FIRE ZONE.
15. PROVIDE SPRINKLER GUARDS ON ALL HEADS IN ELECTRIC ROOMS, TELEPHONE ROOMS, ELEVATOR ROOMS, ELEVATOR SHAFTS AND ON ANY HEADS LESS THAN 7'-0" ABOVE THE FLOOR.
16. IF SYSTEM PRESSURE EXCEEDS 100 PSI, ALL HANGERS ON END HEADS IN PENDANT POSITION SHALL BE WITHIN 12" OF END OF LINE IN ACCORDANCE WITH NFPA 13.
17. COORDINATE PIPING WITH ALL ELECTRICAL EQUIPMENT (PANELS, TRANSFORMERS, ETC.) PRIOR TO ANY INSTALLATION. DO NOT ROUTE ANY PIPING OVER ANY ELECTRICAL PANELS UNDER ANY CIRCUMSTANCES. ANY PIPING RUN OVER ELECTRICAL SHALL BE REROUTED AT NO ADDITIONAL COST.
18. PROVIDE 20-GAUGE STEEL SPRINKLER CANOPY SHIELD AT SPRINKLERS IN TRASH CHUTE PER NFPA #13.
19. SPRINKLERS IN ELEVATOR SHAFTS AND EQUIPMENT ROOMS ARE TO BE INTERMEDIATE TEMPERATURE 200°F SPRINKLERS PER NFPA 13.
20. WET BULK SUPPLY MAINS AND HOSE SUPPLY MAINS EXPOSED TO THE WEATHER SHALL BE INSULATED AND PROVIDED WITH AN ALUMINUM JACKET.
21. THE LOCAL WATER SUPPLIER HAS NOT INDICATED THAT THE WATER SUPPLY COULD LEAD TO MICROBIAL INDUCED CORROSION.
22. ALL VALVES SHALL BE PROVIDED WITH TAMPER SWITCHES AND ALL ZONES SHALL BE PROVIDED WITH FLOW SWITCHES WIRED TO THE FIRE ALARM SYSTEM.

FIRE PROTECTION DRAWING INDEX

W	DESCRIPTION
FP001	FIRE PROTECTION SYMBOLS & NOTES
FP101	FIRE PROTECTION FLOOR PLANS

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.

springline architects
— A NOVUS ARCHITECTS Company

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS

OFFICE OF DISASTER RECOVERY — U.S. VIRGIN ISLANDS

GOVERNMENT OF THE U.S. VIRGIN ISLANDS — DEPARTMENT OF HUMAN SERVICES

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS — DEPARTMENT OF HEALTH

IN PROGRESS DOCUMENTS FOR INTERNAL REVIEW ONLY. NOT FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Schematic	
B	30% CDs	
C	60% CDs	
D	90% CDs	
E	100% CDs	

Knud Hansen Building & Equipment - 470-23-49
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

FIRE PROTECTION SYMBOLS & NOTES

NOT FOR CONSTRUCTION

REVISIONS:

No.	Description	Date

DRAWN BY: Author
CHECKED BY: Checker
DATE: 3/3/2026

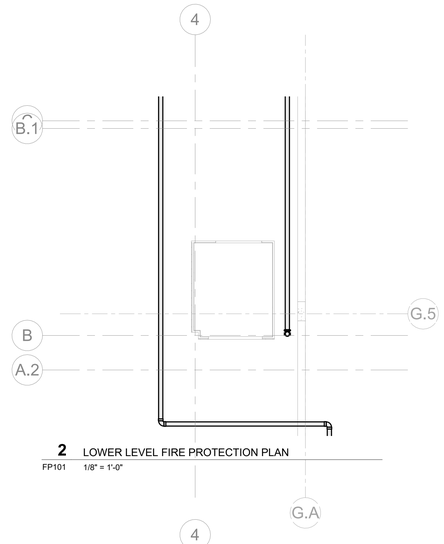
SLA JOB NUMBER
SLA 470-23-49

ODR PROJECT NUMBER
101918

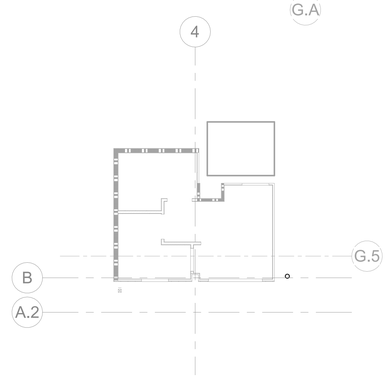
SHEET NUMBER
FP001

30% CDS

1 SECOND FLOOR FIRE PROTECTION PLAN
FP101 1/8" = 1'-0"



2 LOWER LEVEL FIRE PROTECTION PLAN
FP101 1/8" = 1'-0"



3 MAIN LEVEL FIRE PROTECTION PLAN
FP101 1/8" = 1'-0"

HAZARD CLASSIFICATION

HAZARD CATEGORY	CEILING HEIGHT	DESIGN AREA	MAX SPACING	MAX K-FACTOR	HOSE STREAM DEMAND	DURATION
(1) LIGHT HAZARD	0 - 30 FEET	0.10 GPM/SF	225 SF / 15 FT	5.6	250 GPM	60 MIN.
	0 - 30 FEET	0.10 GPM/SF	225 SF / 15 FT	11.2	250 GPM	60 MIN.
(2) ORDINARY HAZARD	0 - 30 FEET	0.15 GPM/SF	130 SF / 15 FT	8.0	250 GPM	60 MIN.
	30 - 45 FEET	0.15 GPM/SF	130 SF / 15 FT	11.2	250 GPM	60 MIN.
(3) ORDINARY HAZARD GROUP 2	0 - 30 FEET	0.20 GPM/SF	130 SF / 15 FT	8.0	250 GPM	60 MIN.
	30 - 45 FEET	0.20 GPM/SF	130 SF / 15 FT	11.2	250 GPM	60 MIN.
	TO BE APPLIED TO ELECTRIC CAR CHARGING AREA					

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.

springline architects — A NOVUS ARCHITECTS Company

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS

OFFICE OF DISASTER RECOVERY — U.S. VIRGIN ISLANDS

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS — DEPARTMENT OF HEALTH

IN PROGRESS DOCUMENTS FOR INTERIM REVIEW ONLY. NOT FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Programming	
B	30% CDs	
C	60% CDs	
D	90% CDs	
E	100% CDs	

KNUD HANSEN DOH TOWER
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

FIRE PROTECTION FLOOR PLANS

REVISIONS:

No.	Description	Date

DRAWN BY: Author
CHECKED BY: Checker
DATE: 3/3/2026

NOVUS JOB NUMBER
470-23-50
CDR TASK ORDER NUMBER
010-8-101472

SHEET NUMBER
FP101

NOT FOR CONSTRUCTION

30% CDS

PLUMBING SPECIFICATIONS

1.00 - GENERAL PROVISIONS

1.01 PROVIDE ALL LABOR, MATERIAL AND EQUIPMENT FOR A COMPLETE AND PROPERLY OPERATING PLUMBING SYSTEM.

1.02 CODES AND STANDARDS: ALL PLUMBING WORK SHALL BE IN STRICT COMPLIANCE WITH THE 2017 FLORIDA PLUMBING CODE AND ALL LOCAL CODES HAVING JURISDICTION.

1.03 ALL PLUMBING WORK SHALL BE DONE IN A NEAT AND WORKMANLIKE MANNER. CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS AND FEES, ETC., REQUIRED FOR THE EXECUTION OF THIS WORK.

1.04 CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL OTHER TRADES BEFORE FABRICATION OR INSTALLATION. OFFSETS AND/OR TRANSITIONS REQUIRED SHALL BE PROVIDED WITHOUT ADDITIONAL COST. CONTRACTOR SHALL COORDINATE AND INSTALL HIS WORK IN A TIMELY MANNER TO PREVENT DELAYS IN THE CONSTRUCTION.

1.05 CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR OR REPLACE DAMAGED EQUIPMENT AND/OR MATERIAL.

1.06 PROVIDE ALL MATERIALS REQUIRED TO PROPERLY SUPPORT ALL PIPING ANDEQUIPMENT. PIPE HANGERS SHALL BE ADJUSTABLE TYPE AND BE SPACED IN ACCORDANCE WITH THE FLORIDA PLUMBING CODE. PROVIDED PLASTIC COATED RING ON HANGERS FOR COPPER PIPING TO PROVIDE DIELECTRIC ISOLATION.

1.07 PROVIDE DIELECTRIC UNIONS OR FLANGES BETWEEN COPPER AND STEEL PIPING AND BETWEEN BRASSWARE AND STEEL. DO NOT USE STEEL AND COPPER PIPING IN THE SAME SYSTEM WITHOUT SUCH ISOLATION.

1.08 PROVIDE REDUCING FITTINGS (REDUCING BUSHINGS SHALL NOT BE USED) WHERE CHANGES IN PIPE SIZES OCCUR.

1.09 THIS CONTRACTOR SHALL SUPPLY AND INSTALL ALL SERVICES THROUGHOUT THE BUILDING AND MAKE CONNECTION TO SITE UTILITIES APPROXIMATELY 5'-0" OUTSIDE THE BUILDING. CONTRACTOR SHALL SUPPLY AND INSTALL FIXTURES, FITTINGS, VALVING AND TRIM AND MAKE READY FOR USE ALL FIXTURES, EQUIPMENT, ETC.

1.10 SEE ARCHITECTURAL DRAWINGS FOR FIXTURE LOCATIONS AND MOUNTING HEIGHTS.

2.00 - BASIC MATERIALS AND METHODS

2.01 DOMESTIC WATER - ABOVEGROUND WATER PIPE AND FITTINGS - TYPE "L" COPPER.

2.02 PROVIDE UNIONS OR FLANGES IN ALL DOMESTIC WATER SERVICE LINES AT EACH PIECE OF EQUIPMENT, SPECIALTY VALVES OR AT OTHER LOCATIONS REQUIRED FOR READY DISCONNECT.

2.03 WATER HAMMER ARRESTORS SHALL BE INSTALLED AT THE LOCATIONS ON THE PLANS AND IN ACCORDANCE WITH PDI STANDARD WH-201. PRODUCTS SHALL BE EQUAL TO THOSE MANUFACTURED BY PRECISION PLUMBING PRODUCTS OR SIOUX CHIEF.

2.04 VALVES: PROVIDE VALVES TO ISOLATE EACH RISER, BRANCH LINE AND PIECE OF EQUIPMENT.

2.05 PROVIDE PRESSURE REDUCING VALVE AND AIR GAP CONNECTION AT DISHWASHER AS REQUIRED BY CODE AND ACCORDING TO MANUFACTURER.

2.06 PROVIDE INLINE WATER FILTER AT COFFEE MAKER AND ICE MAKER TO REMOVE MATERIALS, TASTE AND ODOR - "EVERPURE OR "SYSTEMS IV".

2.07 SANITARY WASTE (NON-PRESSURE), SANITARY VENT AND STORM PIPING - ABOVE GROUND - NO-HUB CAST IRON SOIL PIPE AND FITTINGS PER CISPI 301 WITH HEAVY DUTY SHIELDED STAINLESS STEEL COUPLINGS.

2.08 CONDENSATE PIPING - DWV COPPER OR NO-HUB CAST IRON SOIL PIPE AND FITTINGS PER CISPI 301 WITH HEAVY DUTY SHIELDED STAINLESS STEEL COUPLINGS.

2.09 INSTALL GRAVITY LINES SLOPED AT 1/8" PER FOOT FOR PIPE 3" AND LARGER AND 1/4" PER FOOT FOR PIPE SMALLER THAT 3". VERIFY INVERT ELEVATION WITH EXISTING PIPING PRIOR TO ANY PIPE BEING INSTALLED.

2.10 PROVIDE AND PROPERLY LOCATE HANGERS TO ADEQUATELY SUPPORT PIPING. ARRANGE HANGERS TO PERMIT EXPANSION AND CONTRACTION. DO NOT HANG PIPING FROM FIRE OR SMOKE WALLS. PROVIDE PIPE HANGERS AT EACH VALVE, STRAINER, AND OTHER PIPING ACCESSORY, AND AT EACH CHANGE OR DIRECTION.

2.11 THE SIZE OF HANGERS FOR NON-INSULATED PIPES SHALL BE SUITABLE FOR THE PIPE SIZE TO BE SUPPORTED. FOR INSULATED PIPING, THE SIZE OF THE HANGER SHALL BE SUITABLE FOR THE PIPE SIZE, PLUS THE INSULATION AND INSULATION SHIELD.

2.12 SPACING. LOCATE PIPE SUPPORTS AS INDICATED IN THE FOLLOWING TABLE:

HORIZONTAL PIPE HANGER SCHEDULE		
MATERIAL	PIPE SIZE	HANGER SPACING
COPPER TUBING	UP TO 1 1/4 INCH 1 1/2 INCH AND ABOVE	6 FOOT CENTERS 10 FOOT CENTERS
CAST IRON PIPE	ALL	5 FOOT CENTERS

3.00 - PLUMBING FIXTURES AND TRIM

3.01 ALL PLUMBING FIXTURES SHALL BE "FIRST QUALITY" AS DEFINED AND SET FORTH IN COMMERCIAL STANDARD CS77-28 AS PROMULGATED BY THE U.S. DEPARTMENT OF COMMERCE.

3.02 ALL FIXTURES ARE TO BE WHITE VITREOUS CHINA UNLESS OTHERWISE SPECIFICALLY NOTED. FIXTURES AND FITTINGS PROPOSED SHALL BE FROM ONE MANUFACTURER AND OF SIMILAR CHARACTER IN ANY ROOM OR LOCATION. ESCUTCHEONS, HANDLES, ETC., ON THE DIFFERENT FIXTURES SHALL BE OF THE SAME DESIGN.

3.03 PROVIDE FIXTURE CARRIERS AS RECOMMENDED BY FIXTURE MANUFACTURER AND/OR CONSTRUCTION METHOD.

3.04 PROVIDE ACCESS PANELS TO ALL VALVES WITHIN CHASES OR ABOVE NON-ACCESSIBLE CEILINGS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

3.05 FLOOR DRAIN TRAP SEALS SHALL HAVE AN APPROVED PRIMING DEVICE DESIGNED FOR THAT PURPOSE.

3.06 ALL CONCEALED TRAPS, PRIMERS, VALVES, CLEANOUTS, ETC. LOCATED IN TILED AREAS SHALL BE PROVIDED WITH AN ACCESS PANEL.

4.00 - INSULATION

4.01 ABOVE GROUND COLD AND HOT WATER PIPING - FIBERGLASS, 1" THICKNESS, ASJ JACKET, DOUBLE SEALING LAP JOINT, 0.24 K AT 75°F. INSULATION AND ADHESIVES INSTALLED IN RETURN AIR PLENUMS SHALL HAVE A MAXIMUM FLAME SPREAD RATING OF 25 AND A MAXIMUM SMOKE DEVELOPED RATING OF 50.

4.02 ABOVE GROUND STORM PIPING - FIBERGLASS, 1/2" THICKNESS, ASJ JACKET, DOUBLE SEALING LAP JOINT, 0.24 K AT 75° F. INSULATION AND ADHESIVES INSTALLED IN RETURN AIR PLENUMS SHALL HAVE A MAXIMUM FLAME SPREAD RATING OF 25 AND A MAXIMUM SMOKE DEVELOPED RATING OF 50.

4.03 ABOVEGROUND CONDENSATE PIPING SHALL BE 1/2" FLEXIBLE UNICELLULAR POLYOLEFIN FOAM AND SHALL HAVE A MAXIMUM FLAME SPREAD RATING OF 25 AND A MAXIMUM SMOKE DEVELOPED RATING OF 50-IMCOA "IMCOLOCK".

5.00 - VALVES AND COCKS

5.01 VALVES 2" AND SMALLER SHALL BE BALL VALVES, 150 PSI SWP, 400 PSI WOG. STANDARD PORT BALL, BRONZE TRIM, CAST BRONZE BODY, CHROMIUM-PLATED BRASS BALL, BRONZE NON-BLOWOUT STEM, TEFLON SEAT, DOUBLE O-RING STEM SEALS, ZINC-COATED STEEL HANDLE WITH PLASTIC COATED HAND GRIP, 90 DEGREE OPERATION FROM FULL OPEN TO TIGHT SHUT-OFF - STOCKHAM S214-BR-T-T, STOCKHAM S216-BR-T-S OR EQUAL.

5.02 CHECK VALVES, ROUGH BRASS, REGRINDING BRONZE DISC - STOCKHAM B-345; B-309 OR EQUAL.

6.00 - STERILIZATION

6.01 DOMESTIC WATER PIPING SHALL BE THOROUGHLY FLUSHED OUT AND STERILIZED IN ACCORDANCE WITH THE FLORIDA PLUMBING CODE.

GENERAL GRAVITY DEMOLITION NOTES

1. EXISTING CONDITIONS SHOWN ON THIS DRAWING ARE TAKEN FROM ORIGINAL DRAWINGS. ALL EXISTING CONDITIONS MUST BE VERIFIED PRIOR TO DEMOLITION. FIELD CONDITIONS SHALL GOVERN. FIELD VERIFY LOCATIONS OF EXISTING PIPING BEFORE DEMOLITION. PROVIDE ALL REQUIRED DEMOLITION WHETHER SHOWN ON THE PLANS OR NOT. COORDINATE WITH THE ARCHITECTURAL DRAWING FOR ITEMS NOT INDICATED. COORDINATE DEMOLITION OF EXISTING PIPING WITH NEW WORK. PIPING CONNECTING TO AREAS OUTSIDE OF RENOVATED SPACE SHALL NOT TO BE DISCONNECTED UNTIL AFTER NEW PIPING IS INSTALLED. COORDINATE SYSTEM SHUT DOWNS WITH THE FACILITY PRIOR TO DEMOLITION.
2. ALL ITEMS REMOVED UNDER THIS PROJECT SHALL BE TURNED OVER TO THE OWNER, OR DISPOSED OF AT THE OWNER'S DISCRETION.
3. ALL VENT PIPING INDICATED ON THIS DRAWING IS LOCATED IN THE CEILING SPACE OR WALL SPACES UNLESS NOTED OTHERWISE. FIELD VERIFY BEFORE CONSTRUCTION.
4. ALL SANITARY PIPING INDICATED ON THIS DRAWING IS LOCATED BELOW THE FLOOR SLAB OR WALL CHASE UNLESS NOTED OTHERWISE. OFFSET ALL EXISTING SANITARY AND VENT RISERS FROM FLOOR ABOVE TO WALLS ON NEW FLOOR PLAN, FIELD VERIFY EXACT LOCATION AND PROVIDE REQUIRED OFFSET TO FACILITATE OPERATION OF PLUMBING SYSTEMS TO THE FLOORS ABOVE AND BELOW.
5. CARE MUST BE TAKEN WHEN REMOVING PIPE AROUND LOAD BEARING WALLS. THE WALL OR FOOTING BELOW IS NOT TO BE DESTROYED.
6. EXISTING ROOF DRAINS AND RAIN WATER LEADER PIPING TO REMAIN UNLESS OTHERWISE NOTED. FIELD VERIFY ROUTING OF EXISTING PIPING BEFORE CONSTRUCTION BEGINS. EXISTING RAIN WATER PIPING LOCATED IN WALLS TO BE REMOVED SHALL BE REROUTED OVER HEAD TO A NEW WALL LOCATION AND RECONNECTED TO THE UNDERGROUND STORM.
7. CUT AND PATCH CEILINGS, WALLS AND FLOOR SLAB AS REQUIRED TO FACILITATE PLUMBING RENOVATION. SEE ARCHITECTURAL DRAWINGS FOR PATCHING DETAILS.
8. EXISTING BUILDING DRAINS UNDER CONCRETE SLABS AND EXISTING BUILDING SEWERS THAT SERVES THE SYSTEM SHALL BE INTERNALLY EXAMINED TO VERIFY THAT THE PIPING IS SLOPING IN THE CORRECT DIRECTION, IS NOT BROKEN, IS NOT OBSTRUCTED AND IS SIZED FOR THE DRAINAGE LOAD OF THE NEW PLUMBING DRAINAGE SYSTEM TO BE INSTALLED.

GENERAL PRESSURE DEMOLITION NOTES

1. EXISTING CONDITIONS SHOWN ON THIS DRAWING ARE TAKEN FROM ORIGINAL DRAWINGS. ALL EXISTING CONDITIONS MUST BE VERIFIED PRIOR TO DEMOLITION. FIELD CONDITIONS SHALL GOVERN. FIELD VERIFY LOCATIONS OF EXISTING PIPING BEFORE DEMOLITION. PROVIDE ALL REQUIRED DEMOLITION WHETHER SHOWN ON THE PLANS OR NOT. COORDINATE WITH THE ARCHITECTURAL DRAWING FOR ITEMS NOT INDICATED. COORDINATE DEMOLITION OF EXISTING PIPING WITH NEW WORK. PIPING CONNECTING TO AREAS OUTSIDE OF RENOVATED SPACE SHALL NOT TO BE DISCONNECTED UNTIL AFTER NEW PIPING IS INSTALLED. COORDINATE SYSTEM SHUT DOWNS WITH THE FACILITY PRIOR TO DEMOLITION.
2. ALL ITEMS REMOVED UNDER THIS PROJECT SHALL BE DISPOSED OF OR TURNED OVER TO THE OWNER AT THE OWNER'S DISCRETION.
3. ALL WATER PIPING INDICATED ON THIS DRAWING IS LOCATED IN THE CEILING SPACE OR WALL SPACES UNLESS NOTED OTHERWISE. FIELD VERIFY BEFORE CONSTRUCTION.
4. CARE MUST BE TAKEN WHEN REMOVING PIPE AROUND LOAD BEARING WALLS. THE WALL OR FOOTING BELOW IS NOT TO BE DESTROYED.
5. CUT AND PATCH CEILINGS, WALLS AND FLOOR SLAB AS REQUIRED TO FACILITATE PLUMBING RENOVATION. SEE ARCHITECTURAL DRAWINGS FOR PATCHING DETAILS.

GENERAL KITCHEN NOTES

1. PLUMBING CONTRACTOR SHALL VERIFY ALL FIXTURE REQUIREMENTS WITH FOOD SERVICE DRAWINGS. RFIs REGARDING ANY DISCREPANCIES FOUND BETWEEN FOOD SERVICE AND PLUMBING DRAWINGS SHALL BE PROVIDED PRIOR TO BID.
2. DRAIN TEMPERING VALVE SHALL BE PROVIDED FOR ALL DRAINS THAT DISCHARGE WATER GREATER THAN 140°F TO PVC GREASE/SANITARY SYSTEM AND FIRST 15 ' OF PIPING SHALL BE SERVICE WEIGHT CAST IRON.
3. FOOD WASTE GRINDERS SHALL NOT CONNECT TO GREASE SYSTEM.
4. PLUMBING CONTRACTOR SHALL PROVIDE GAS REGULATOR TO ALL GAS EQUIPMENT.
5. GAS SOLENOID VALVE SHALL BE PROVIDED ON MAIN KITCHEN GAS LINE. SOLENOID VALVE SHALL BE CONNECTED TO ANSUL SYSTEM.
6. ALL INDIRECT WASTE PIPE SHALL BE TYPE L COPPER AND SHALL TERMINATE BY AIR GAP.

GENERAL FUEL GAS NOTES

1. UNLESS OTHERWISE SPECIFIED, BUILDING DISTRIBUTION PRESSURE SHALL BE 2 PSIG.
2. PLUMBING CONTRACTOR SHALL VERIFY ALL GAS EQUIPMENT REQUIREMENTS AND PROVIDE PRESSURE REGULATING VALVES AT ALL GAS APPLIANCE/EQUIPMENT.
3. PRESSURE REGULATORS THAT REQUIRE A VENT SHALL BE VENTED DIRECTLY TO THE OUTDOORS.
4. PROVIDE FULL PORT BALL VALVE AND 6 " DIRT LEG PRIOR TO EQUIPMENT REGULATOR.
5. UNLESS OTHERWISE SPECIFIED, GAS PIPING SHALL BE SCHEDULE 40 STEEL.

PLUMBING GENERAL NOTES

1. REFERENCE THE SPECIFICATIONS FOR MATERIAL AND EQUIPMENT INSTALLATION STANDARDS.
2. THE PLUMBING INSTALLATION SHALL COMPLY WITH ALL STATE AND LOCAL CODES.
3. UTILITIES AND SERVICES INDICATED ARE TAKEN FROM VARIOUS OLD AND NEW SURVEYS, AS-BUILT RECORDS AND FIELD INVESTIGATIONS. UNFORSEEN CONDITIONS PROBABLY EXIST AND NEW WORK MAY NOT BE FIELD LOCATED EXACTLY AS SHOWN ON DRAWINGS. COOPERATION WITH OTHER TRADES IN ROUTING AND BURIAL DEPTHS, AS DETERMINED DURING CONSTRUCTION, WILL BE NECESSARY.
4. FIELD VERIFY EXISTING INSTALLATIONS. MODIFY EXISTING PLUMBING SYSTEMS, WHICH ARE TO REMAIN ACTIVE, TO FACILITATE RECONNECTION AND EXTENSION OF THE NEW WORK.
5. NOTIFY OWNER AT LEAST 24 HOURS PRIOR TO INTERRUPTING EXISTING SERVICE. SCHEDULE DISCONNECTION AND TIE-INS TO MINIMIZE DISRUPTION OF SERVICES. SERVICES ARE NOT TO BE LEFT DISRUPTED DURING NON-NORMAL CONTRACTOR WORKING HOURS.
6. PLANS ARE NOT COMPLETELY TO SCALE. PIPE ROUTING SHOWN IS SCHEMATIC AND IS NOT INTENDED TO INDICATE EXACT ROUTING. CONTRACTOR SHALL PROVIDE ANY ADDITIONAL OFFSETS AND FITTINGS REQUIRED FOR PROPER INSTALLATION AND TO MAINTAIN CLEARANCES. VERIFY STRUCTURAL, MECHANICAL AND ELECTRICAL INSTALLATIONS AND OTHER POTENTIAL OBSTRUCTIONS AND ROUTE PIPING TO AVOID INTERFERENCES.
7. PROVIDE ALL OFFSETS AND FITTINGS AND MAKE CONNECTION TO SITE UTILITIES.
8. CONCEAL PIPING ABOVE CEILINGS, WITHIN WALLS OR CHASES EXCEPT IN MECHANICAL ROOMS OR AS SPECIFICALLY NOTED.
9. PROVIDE ACCESS PANELS FOR ALL VALVES CONCEALED IN WALLS OR ABOVE NON-ACCESSIBLE CEILINGS.
10. SLEEVE AND/OR FIRESTOP ALL PENETRATIONS THROUGH RATED WALLS, CEILINGS, AND FLOORS WITH UL LISTED ASSEMBLIES. FIRESTOP ASSEMBLIES SHALL BE EQUAL TO OR EXCEED THE RATING OF THE WALL, CEILING OR FLOOR. SEE ARCHITECTURAL DRAWINGS FOR FINAL FINISHES.
11. FLASH AND COUNTER-FLASH ROOF PENETRATIONS.
12. WHEN BEAM SLEEVE PENETRATIONS ARE NECESSARY, COORDINATE PENETRATIONS WITH ALL TRADES, THE ARCHITECT AND THE STRUCTURAL ENGINEER.
13. PROVIDE FOUNDATION PAD PENETRATION SLEEVES. ALLOW 1" MINIMUM CLEARANCE BETWEEN SLEEVE INSIDE SURFACE AND PIPE EXTERIOR.
14. SEE ARCHITECTURAL DRAWINGS FOR FIXTURE LOCATIONS AND MOUNTING HEIGHTS.
15. PROVIDE AUTOMATIC TRAP PRIMERS FOR FLOOR DRAIN TRAP SEALS.
16. PROVIDE AN AIR GAP, WHEN REQUIRED BY CODE, SERVING INDIVIDUAL FIXTURES, DEVICES, APPLIANCES AND APPARATUS.
17. ALL EXPOSED PIPE AND FITTINGS IN FINISHED AREAS SHALL BE CHROME PLATED.
18. MOUNT HOSE BIBBS 24" ABOVE FINISHED GRADE.
19. PROVIDE CLEANOUTS IN ACCORDANCE WITH ALL STATE AND LOCAL CODES. INSTALL CLEANOUT WITH COVER FLUSH TO FINISH SURFACE.
20. COORDINATE EXACT FLOOR DRAIN LOCATIONS WITH ARCHITECTURAL DRAWINGS. SET FLOOR DRAINS BELOW FINISHED FLOOR TO ALLOW FOR FLOOR SLOPING TO THE DRAIN.
21. COORDINATE PIPING WITH ALL ELECTRICAL EQUIPMENT (PANELS, TRANSFORMERS, ETC.) PRIOR TO ANY INSTALLATION. DO NOT ROUTE ANY PIPING OVER ANY ELECTRICAL PANELS UNDER ANY CIRCUMSTANCES. ANY PIPING RUN OVER PANELS SHALL BE RE-ROUTED AT NO ADDITIONAL COST.
22. ALL WALL MOUNTED LAVATORIES SHALL BE ATTACHED TO FLOOR MOUNTED CARRIER DESIGNED TO WITHSTAND A VERTICAL LOAD OF 250 POUNDS ON THE FRONT OF THE FIXTURE.
23. PROVIDE SANITARY WASTE, VENT, DOMESTIC WATER, ETC. ROUGH-IN AND MAKE FINAL CONNECTIONS (TO INCLUDE PROVIDING ALL NECESSARY RELATED STOPS, VALVES, TRAPS, ETC. AND MAKE READY FOR USE) TO ALL EQUIPMENT, WHETHER FURNISHED BY THIS CONTRACTOR OR FURNISHED BY OTHERS.
24. ALL MATERIALS AND EQUIPMENT INSTALLED IN RETURN AIR PLENUMS SHALL BE NON-COMBUSTIBLE AND UL APPROVED FOR USE IN A RETURN AIR PLENUM SPACE. IF MATERIALS ARE NOT NON-COMBUSTIBLE IN RETURN AIR PLENUMS, THEY SHALL BE REPLACED OR WRAPPED WITH A UL LISTED FIRE RATED FIRE WRAP (I.E. FYREWRAP 0.5 PLENUM INSULATION OR APPROVED EQUAL) AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURES UL LISTED DETAILS AND RECOMMENDATIONS AT NO ADDITIONAL COST. (NOTE: REFER TO MECHAICAL DRAWINGS FOR RETURN AIR PLENUM LOCATIONS.)
25. PIPING, INSULATION, FITTINGS, MATERIALS, COVERS AND FINISHES IN RETURN AIR PLENUM SHALL HAVE A MAXIMUM FLAME SPREAD RATING OF 25 AND A MAXIMUM SMOKE DEVELOPED RATING OF 50.

PLUMBING SYMBOLS

SYMBOL	DESCRIPTION
CO	- CONDENSATE DRAIN PIPING
CW	- DOMESTIC COLD WATER PIPING
HW	- DOMESTIC HOT WATER PIPING
HWR	- DOMESTIC HOT WATER RETURN PIPING
S	- SANITARY WASTE PIPING
V	- VENT PIPING
ST	- STORM DRAIN PIPING
STO	- OVERFLOW STORM DRAIN PIPING
G	- FUEL GAS PIPING
	- HOSE BIBB OR WALL HYDRANT
	- CLEANOUT PLUG
	- WALL CLEANOUT
	- FLOOR CLEANOUT / EXTERIOR CLEANOUT
FD	- FLOOR DRAIN
FS	- FLOOR SINK
DD	- DECK DRAIN
	- SHUT-OFF VALVE
	- BALL VALVE
	- CALIBRATED BALANCING VALVE
	- CHECK VALVE (SWING)
	- PRESSURE REDUCING VALVE
S	- SOLENOID OPERATING VALVE
	- GAS COCK
	- GAS PRESSURE REGULATOR
DETAIL No. 4 / P4.101 SHEET No. SHOWN ON	- DETAIL REFERENCE
PIPE SIZE / S / PLUMBING SYSTEM	- PIPE TAG
1	- REVISION REFERENCE

PLUMBING ABBREVIATIONS

ABBREVIATION		DESCRIPTION
CA	-	COMPRESSED AIR
AFF	-	ABOVE FINISH FLOOR
AW	-	ACID WASTE
AV	-	ACID VENT
CB	-	CATCH BASIN
CD	-	CONDENSATE DRAIN
CFH	-	CUBIC FEET PER HOUR
CO	-	CLEANOUT
CONT	-	CONTINUATION
CW	-	DOMESTIC COLD WATER
DI	-	DEIONIZED WATER
DN	-	DOWN
DS	-	DOWNSPOUT
DWG	-	DRAWING
EXIST	-	EXISTING
°F	-	DEGREE FAHRENHEIT
FCO	-	FLOOR CLEANOUT
FD	-	FLOOR DRAIN
FOF	-	FUEL OIL FILL
FOG	-	FUEL OIL GAGE
FOR	-	FUEL OIL RETURN
FOS	-	FUEL OIL SUPPLY
FOV	-	FUEL OIL VENT
FS	-	FLOOR SINK
FSE#	-	FOODSERVICE EQUIPMENT NUMBER
G	-	GAS
GPH	-	GALLONS PER HOUR
GPM	-	GALLONS PER MINUTE
GR	-	KITCHEN WASTE (GREASE)
HB	-	HOSE BIBB
HD	-	HUB DRAIN
HW	-	DOMESTIC HOT WATER
HWR	-	DOMESTIC HOT WATER RECIRCULATING
IE	-	INVERT ELEVATION
IW	-	INDIRECT WASTE
KW	-	KILOWATT
LBS	-	POUNDS
MH	-	MANHOLE
NC	-	NORMALLY CLOSED
NIC	-	NOT IN CONTRACT
NO	-	NORMALLY OPEN
NP	-	NON-POTABLE WATER
NTS	-	NOT TO SCALE
OD	-	OUTSIDE DIAMETER
PRV	-	PRESSURE REDUCING VALVE
PSI	-	POUNDS PER SQUARE INCH
PVC	-	POLYVINYL CHLORIDE PIPE
RD	-	ROOF DRAIN
RPBP	-	REDUCED PRESSURE BACKFLOW PREVENTOR
SAN	-	SANITARY
SD	-	STORM DRAIN
SF	-	SQUARE FEET
SH	-	SHEET
ST	-	STORM
STO	-	OVERFLOW STORM DRAIN
SW	-	SOFT COLD WATER
V	-	VENT
VAC	-	VACUUM
VC	-	VACUUM CLEANING
VTR	-	VENT THRU ROOF
WCO	-	WALL CLEANOUT
WTR	-	WATER

NOTE: SOME SYMBOLS SHOWN ON THIS LEGEND MAY NOT PERTAIN TO THIS PROJECT

PLUMBING DRAWING INDEX

SHEET	DESCRIPTION
P001	PLUMBING SYMBOLS, LEGEND, NOTES AND INDEX
P101	PLUMBING LOWER FLOOR PLAN
P102	PLUMBING SECOND FLOOR PLAN
P401	PLUMBING RISER DIAGRAMS

NOTES:

1. WATER CLOSET HARDWARE:

   TOILET SEAT - BEMIS No. 1655SS, EXTRA HEAVY SOLID PLASTIC WITH STAINLESS STEEL SELF SUSTAINING CHECK HINGE, OPEN FRONT WITHOUT COVER.
   FIXTURE CARRIER - WATTS ISCA-102-LR, EXTRA-HEAVY DUTY (1,000 lbs) BARIATRIC CARRIER COMPLIANT WITH ASME A112.6.1M, SINGLE VERTICAL THIN WALL WATER CLOSET CARRIER WITH EPOXY COATED CAST IRON FITTING, NO HUB WASTE (3"), AND VENT (2") CONNECTIONS, EPOXY COATED CAST IRON PATENTED COMPRESSION SEAL FACE PLATE ASSEMBLY, EPOXY COATED CAST IRON FOOT SUPPORTS ADJUSTABLE FOR STANDARD AND WHEELCHAIR HEIGHT, ADJUSTABLE ABS NIPPLE WITH INTEGRAL TEST CAP AND NEOPRANE BOWL GASKET, PLATED HARDWARE AND CHROME CAP NUTS.

2. URINAL HARDWARE:

   FIXTURE CARRIER - WATTS No. CA-321, FULLY ADJUSTABLE URINAL CARRIER WITH HEAVY GAUGE STEEL OFFSET UPRIGHTS, ADJUSTED TO ACCESSIBLE HEIGHT.

3. LAVATORY HARDWARE:

   STRAINER/TRAP - McGUIRE No. 155A8902, CHROME PLATED STRAINER, CAST GRID STRAINER WITH 1-1/4" TAILPIECE, PLATED 17 GAUGE 1-1/4" X 1-1/2" BRASS P-TRAP WITH CLEANOUT. (ADA DEPTH SINKS SHALL HAVE OFFSET TAILPIECES McGUIRE No. 155WC8902).
   SUPPLIES - McGUIRE No. 2165CC, 1/2" COMPRESSION X 3/8" COMPRESSION CHROME PLATED ANGLE SUPPLY STOPS WITH CHROME PLATED 12" FLEXIBLE RISERS AND ESCUTCHEONS.
   INSULATION KIT - EXPOSED SUPPLIES AND TRAPS ARE TO BE PROTECTED WITH INSULATION KITS EQUAL TO PLUMBERX No. 4333.
   FIXTURE CARRIER - WATTS No. WCA-411, CONCEALED ARMS FLOOR MOUNTED CARRIER COATED STEEL UPRIGHTS WITH WELDED FEET, CAST IRON ADJUSTABLE HEADERS, STEEL SLEEVES, ALIGNMENT TRUSS AND FASTENERS.

4. SINK HARDWARE:

   TRAP - McGUIRE No. 8912, CHROME PLATED 17 GAUGE 1-1/2" X 1-1/2" BRASS P-TRAP WITH CLEANOUT. (ADA DEPTH SINKS SHALL HAVE OFFSET TAILPIECES McGUIRE No. 155WC8902).
   SUPPLIES - McGUIRE No. 2165CC, 1/2" COMPRESSION X 3/8" COMPRESSION CHROME PLATED ANGLE SUPPLY STOPS WITH CHROME PLATED 12" FLEXIBLE RISERS AND ESCUTCHEONS.

5. MOP SINK HARDWARE:

   HOSE AND WALL HOOK - STERN WILLIAMS No. T-35, 36" LONG HOSE AND STAINLESS STEEL WALL BRACKET.

6. SHOWER HARDWARE:

   DRAIN - WATTS No. FD-1100-L, EPOXY COATED CAST IRON SHOWER DRAIN WITH ANCHOR FLANGE, REVERSIBLE CLAMPING COLLAR WITH PRIMARY AND SECONDARY WEEPHOLES, ADJUSTABLE HEAVY DUTY SQUARE HEEL PROOF STAINLESS STEEL STRAINER.

7. ELECTRIC WATER COOLER / DRINKING FOUNTAIN HARDWARE:

   FIXTURE CARRIER - WATTS No. CA-431-1, FLOOR MOUNTED BI-LEVEL WATER COOLER CARRIER WITH HEAVY GAUGE STEEL UPRIGHTS WITH INTEGRAL WELDED FEET, UNIVERSAL STEEL HANGER SUPPORT PLATE, AND PLATED HARDWARE.

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.

springline architects — A NOVUS ARCHITECTS Company

IN PROGRESS DOCUMENTS FOR INTERIM REVIEW ONLY. NOT FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Schematic	
B	30% CDs	
C	60% CDs	
D	90% CDs	
E	100% CDs	

Knud Hansen Building & Equipment - 470-23-49
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

PLUMBING SYMBOLS, LEGEND, NOTES AND INDEX

NOT FOR CONSTRUCTION

30% CDS

REVISIONS:

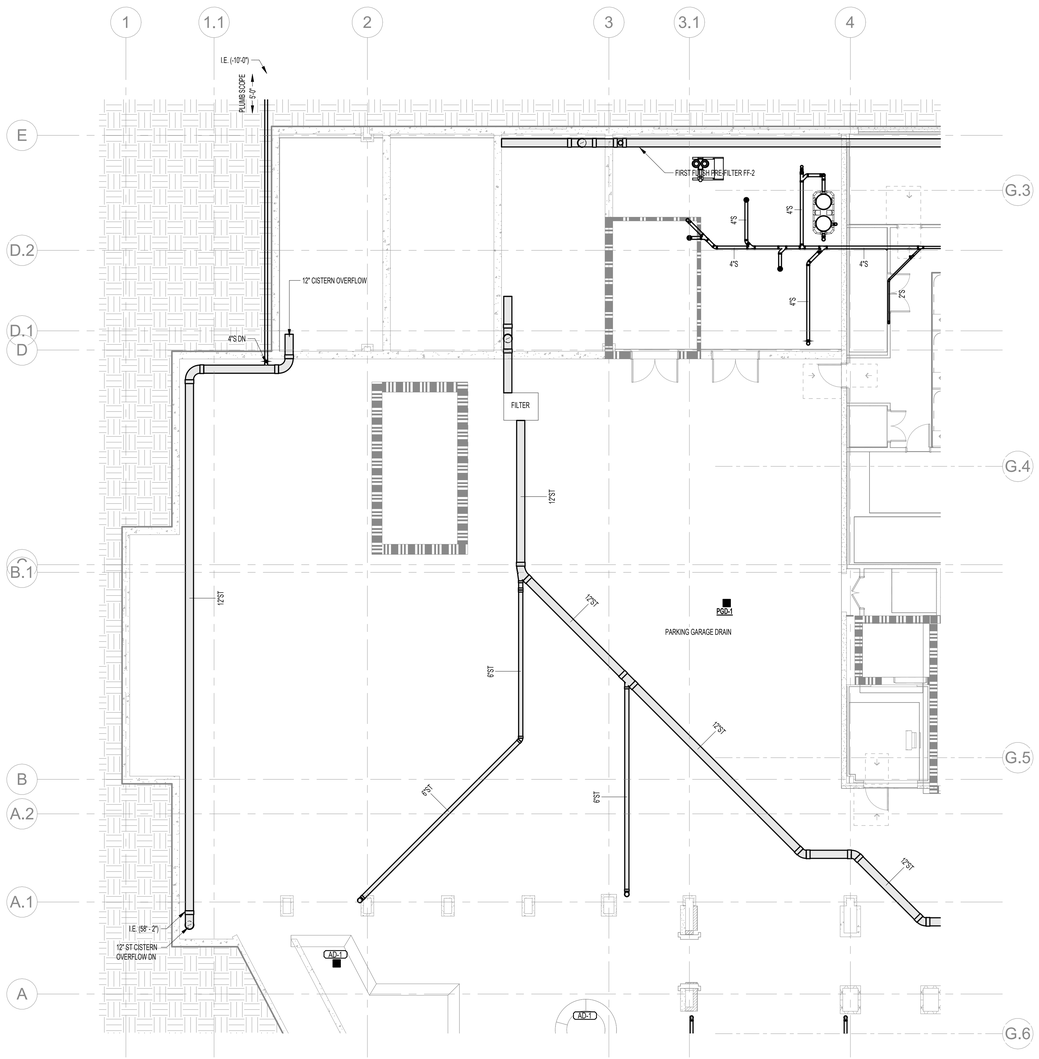
No.	Description	Date

DRAWN BY: Author
CHECKED BY: Checker
DATE: 3/3/2026

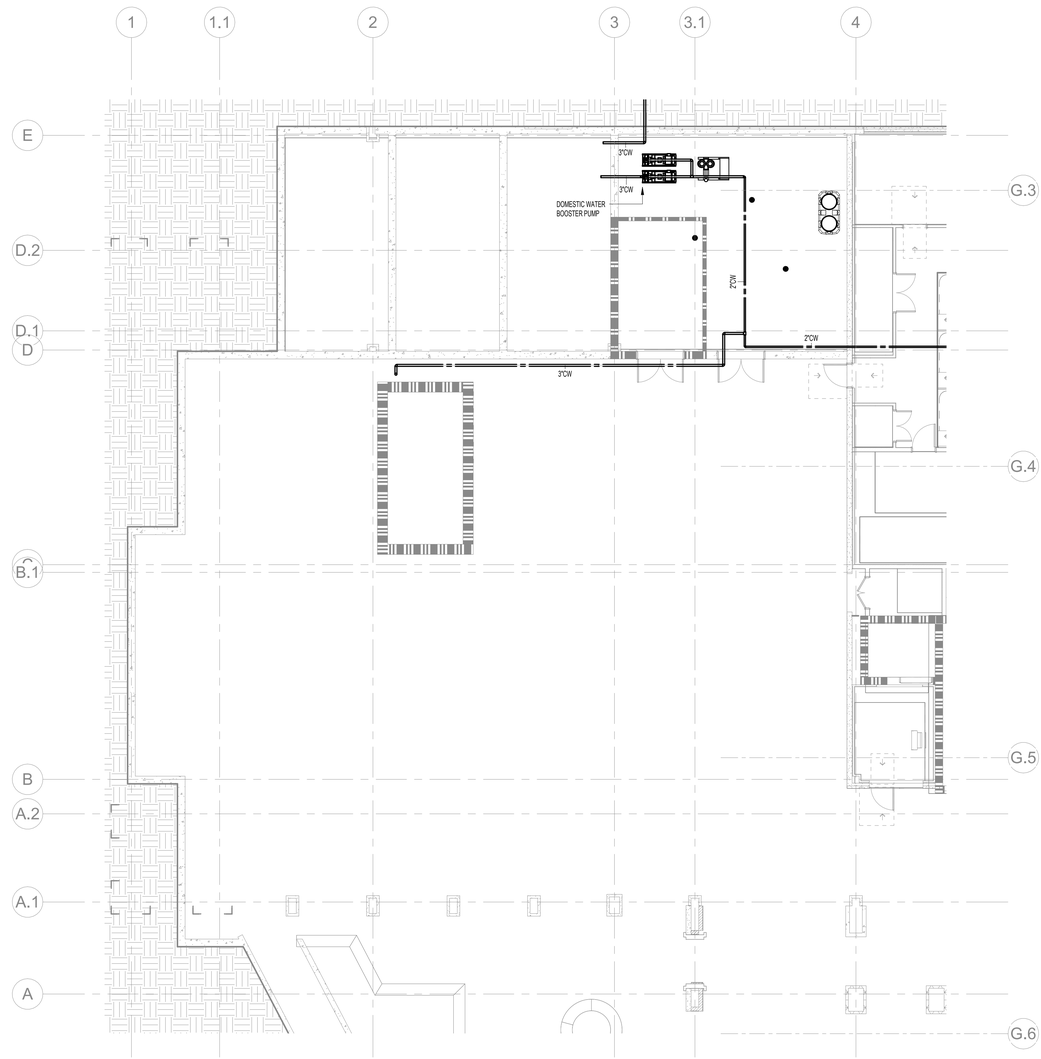
SLA JOB NUMBER
SLA 470-23-49

ODR PROJECT NUMBER
101918

SHEET NUMBER
P001



2 LOWER LEVEL GRAVITY PLAN
P101 1/8" = 1'-0"



1 LOWER LEVEL PRESSURE PLAN
P101 1/8" = 1'-0"

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.

springline architects
— A NOVUS ARCHITECTS Company

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS

OFFICE OF DISASTER RECOVERY
U.S. VIRGIN ISLANDS

GOVERNMENT OF THE U.S. VIRGIN ISLANDS
DEPARTMENT OF HUMAN SERVICES

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS
DEPARTMENT OF HEALTH

IN PROGRESS DOCUMENTS
FOR INTERIM REVIEW ONLY.
NOT FOR REGULATORY APPROVAL,
PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Schematic	
B	30% CDs	
C	60% CDs	
D	90% CDs	
E	100% CDs	

Knud Hansen Building & Equipment - 470-23-49
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

PLUMBING LOWER FLOOR PLAN

NOT FOR CONSTRUCTION

REVISIONS:

No.	Description	Date

DRAWN BY: Author
CHECKED BY: Checker
DATE: 3/3/2026

SLA JOB NUMBER
SLA 470-23-49

OOR PROJECT NUMBER
101918

SHEET NUMBER
P101

30% CDS

30% CDS

NOT FOR CONSTRUCTION

PLUMBING SECOND FLOOR PLAN

Knud Hansen Building & Equipment - 470-23-49

1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

SUBMISSIONS:		
Ref	Description	Date
A	Schematic	
B	30% CDs	
C	60% CDs	
D	90% CDs	
E	100% CDs	

IMPROGRESS DOCUMENTS
FOR INTERAGENCY REVIEW ONLY
NOT FOR REGULATORY APPROVAL,
PERMIT, OR CONSTRUCTION

REVISIONS:		
No.	Description	Date

DRAWN BY: Author
CHECKED BY: Checker
DATE: 3/3/2026

SLA JOB NUMBER: SLA 470-23-49
GSA PROJECT NUMBER: 101918

SHEET NUMBER: P102

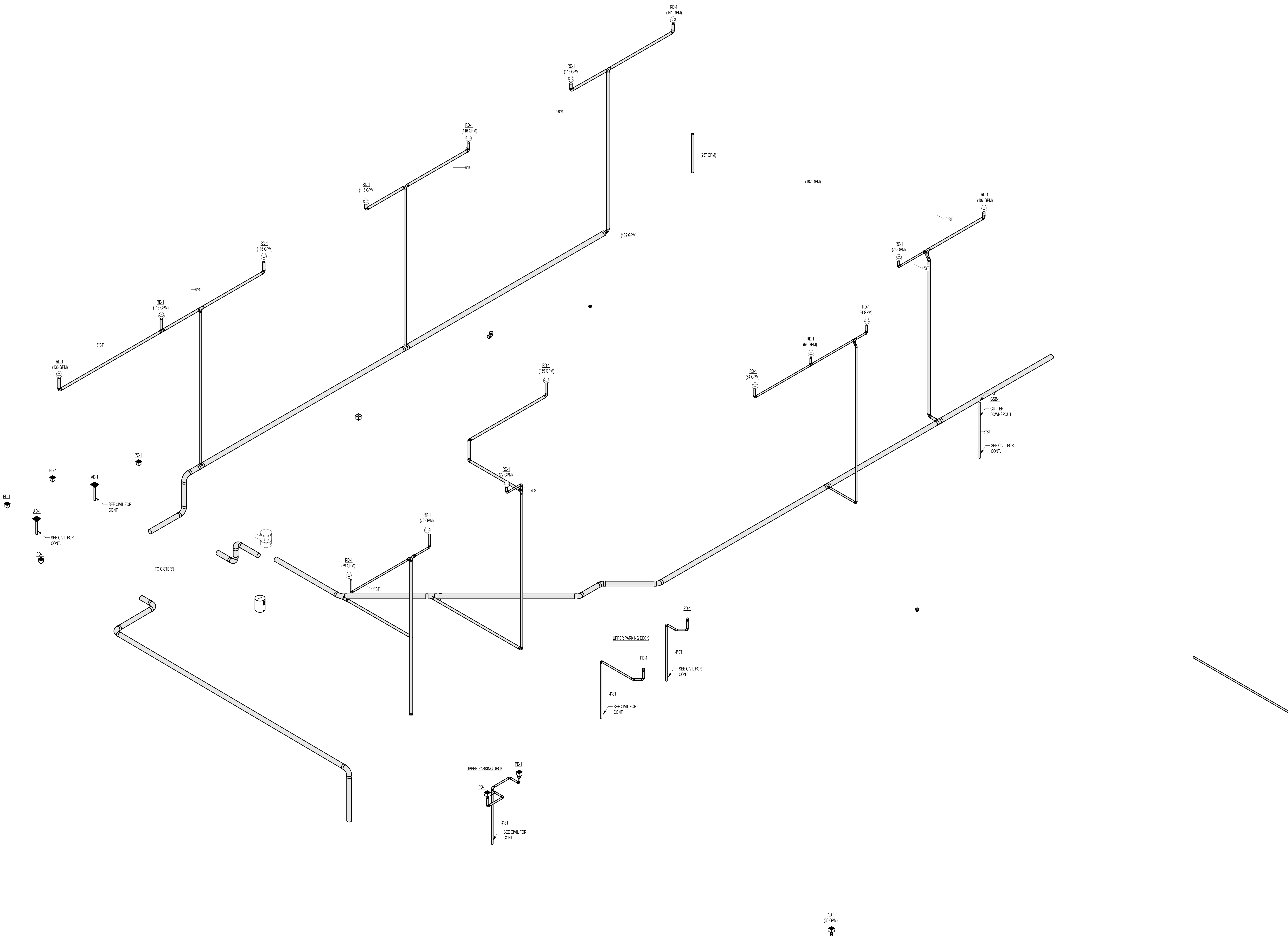
springline architects — A NOVUS ARCHITECTS Company

2 SECOND FLOOR PRESSURE PLAN
P102 1/8" = 1'-0"

1 SECOND FLOOR GRAVITY PLAN
P102 1/8" = 1'-0"

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.



1 RISER DIAGRAM - STORM

springline architects — A NOVUSARCHITECTS Company

INPROGRESS DOCUMENTS FOR INTERIM REVIEW ONLY. NOT FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Schematic	
B	30% CDs	
C	60% CDs	
D	90% CDs	
E	100% CDs	

Knud Hansen Building & Equipment - 470-23-49

1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

PLUMBING RISER DIAGRAMS

NOT FOR CONSTRUCTION

REVISIONS:

No.	Description	Date

DRAWN BY: Author
CHECKED BY: Checker
DATE: 3/3/2026

SLA JOB NUMBER
SLA 470-23-49

ODR PROJECT NUMBER
101918

SHEET NUMBER
P401

30% CDS

HVAC SYMBOL LEGEND

SYMBOL	DESCRIPTION
	-CEILING DIFFUSER, ROUND NECK (CEILING DIFFUSERS ARE 4-WAY THROW UNO)
	-ROUND DIFFUSER
	-CEILING RETURN
	-CEILING EXHAUST
	-CEILING DIFFUSER, RECTANGULAR OR SQUARE NECK (CEILING DIFFUSERS ARE 4-WAY THROW UNO)
	-SUPPLY REGISTER OR GRILLE (VERTICAL MOUNT, SIDEWALL)
	-RETURN/EXHAUST REGISTER OR GRILLE (VERTICAL MOUNT, SIDEWALL)
	-REVISION REFERENCE
M1	-DETAIL REFERENCE, TOP DETAIL#, BOTTOM-DRAWING# SHOWN ON
T	-THERMOSTAT/TEMPERATURE SENSOR
H	-HUMIDISTAT/HUMIDITY SENSOR
	-DUCT SMOKE DETECTOR
	-CONNECT TO EXISTING
	-DEMOLISH TO POINT INDICATED
M	-MOTORIZED CONTROL DAMPER
TS	-TEMPERATURE SENSOR
PT	-PRESSURE SENSOR
BD	-BACKDRAFT DAMPER
	-NEUTRAL RELATIVE PRESSURE
	-POSITIVE RELATIVE PRESSURE
	-NEGATIVE RELATIVE PRESSURE
1	-SHEET NOTE CALLOUT
1	-SHEET NOTE CALLOUT
1	-SHEET NOTE CALLOUT
	-CEILING MOUNTED ACCESS DOOR
	-SQUARE THROAT ELBOW W/TURNING VANES
	-RADIUS ELBOW
	-RECTANGULAR/ROUND BRANCH TAKE-OFF OR ROUND/ROUND BRANCH TAKE-OFF
	-EXHAUST DUCT UP THROUGH SLAB W/ FAN ON ROOF ABOVE
	-EXHAUST FAN ON ROOF W/ DUCT DOWN THROUGH ROOF

SYMBOL	DESCRIPTION
	-FIRE DAMPER (WITH ACCESS PANEL)
	-COMBINATION FIRE & SMOKE DAMPER (WITH ACCESS PANEL)
	-SMOKE DAMPER (WITH ACCESS PANEL)
M	-MOTOR OPERATED CONTROL DAMPER (MOD)
	-MANUAL BALANCING DAMPER
SA-1	-SOUND ATTENUATOR
FM	-AIR FLOW MEASURING STATION
	-DOOR GRILLE
5/8	-UNDERCUT DOOR
	-ACCESS DOORS, VERTICAL OR HORIZONTAL
	-STAINLESS STEEL DUCTWORK
	-FLEXIBLE CONNECTION
12 / 8	-NEW FLAT OVAL DUCT
24x12	-NEW DUCTWORK, FIRST DIMENSION IS SIDE SHOWN
24x12	-EXISTING DUCTWORK TO REMAIN
24x12	-EXISTING DUCTWORK TO BE REMOVED
24x12 DOWN / UP W/IN FLOOR	-DUCT ELBOW, POSITIVE PRESSURE (SUPPLY), FIRST DIMENSION INDICATES SIDE TO WHICH ARROW IS POINTING
	-DUCT ELBOW, EXHAUST
	-DUCT ELBOW, NEGATIVE PRESSURE, RETURN
	-DUCT ELBOW UP THROUGH ROOF OR SLAB ABOVE
	-RECTANGULAR DUCT SECTION UP, POSITIVE PRESSURE, SUPPLY OR OUTSIDE AIR
	-RECTANGULAR DUCT SECTION UP, NEGATIVE PRESSURE, RETURN
	-RECTANGULAR DUCT SECTION UP, EXHAUST
	-ROUND DUCT SECTION UP
	-FLAT OVAL DUCT SECTION UP

SYMBOL	DESCRIPTION
	-TERMINAL UNIT, VARIABLE/CONSTANT AIR VOLUME WITH ELECTRIC HEAT
	-TERMINAL UNIT, VARIABLE/CONSTANT AIR VOLUME WITH ELECTRIC HEAT
	-TERMINAL UNIT, VARIABLE/CONSTANT AIR VOLUME, FAN POWERED
	-TERMINAL UNIT, VARIABLE/CONSTANT AIR VOLUME, FAN POWERED, WITH ELECTRIC HEAT
	-ELECTRIC DUCT HEATER (W/ PANEL CLEARANCE)
	-HYDRONIC REHEAT COIL
	-INLINE CENTRIFUGAL FAN
	-PACKAGED TERMINAL AIR CONDITIONER (PTAC)
UP DN	-CHANGE OF ELEVATION
	-FLEXIBLE DUCT
	-TRANSITION, CONCENTRIC
	-TRANSITION, ECCENTRIC
10x8 8"	-TRANSITION, SQUARE TO ROUND
	-SQUARE THROAT TEE
12x8	-RADIUS TEE
	-RECTANGLE-TO-ROUND TAKE-OFF
	-STANDARD BRANCH TAKE-OFF
	-SPIN-IN TAKE-OFF

HVAC PIPING SYMBOL LEGEND

SYMBOL	DESCRIPTION
CWS	-CONDENSER WATER SUPPLY
CWR	-CONDENSER WATER RETURN
CHWS	-CHILLED WATER SUPPLY
CHWR	-CHILLED WATER RETURN
CD	-CONDENSATE
CR	-CONDENSATE RETURN
PC	-PUMPED CONDENSATE
HWR	-HOT WATER RETURN
HWS	-HOT WATER SUPPLY
HPS	-HIGH PRESSURE STEAM SUPPLY
MPS	-MEDIUM PRESSURE STEAM SUPPLY
LPS	-LOW PRESSURE STEAM SUPPLY
HPR	-HIGH PRESSURE STEAM RETURN
MPR	-MEDIUM PRESSURE STEAM RETURN
LPR	-LOW PRESSURE STEAM RETURN
RL	-REFRIGERANT LIQUID
RS	-REFRIGERANT SUCTION
	-TEE, OUTLET DOWN
	-TEE, OUTLET UP
D D	-45° PIPE RISE (R) / DROP (D)
	-PIPE ANCHORS
	-CONCENTRIC REDUCER
	-ECCENTRIC REDUCER

SYMBOL	DESCRIPTION
	-FLOW DIRECTION
	-GATE VALVE
	-BALL VALVE
	-CALIBRATING BALANCING VALVE
	-BUTTERFLY VALVE
	-GAS COCK
	-UNION
	-STRAINER
	-CONTROL VALVE
	-SOLENOID VALVE
	-PSI REG.
	-CHECK VALVE
	-FLOW SWITCH
	-SLOPE DIRECTION (DOWN)
	-FLEX CONNECTION
	-O.S.&Y. GATE VALVE
	-STEAM TRAP
	-THREE-WAY CONTROL VALVE
	-THERMOMETER

SYMBOL	DESCRIPTION
EQUIP.	- P-TRAP
	-TWO-WAY CHECK VALVE
MV	-MANUAL VENT
	-PRESSURE GAUGE
	-RELIEF VALVE
FM	-FLOW METER
M	-WATER METER
	-INLINE PUMP
	-INLINE PUMP
	-VALVE ON RISER
	-CAP
	-CONNECTION, BOTTOM
	-CONNECTION, TOP
	-COUPLING
	-ELBOW, 90°
	-ELBOW, 45°
	-ELBOW, TURNED DOWN
	-ELBOW, TURNED UP

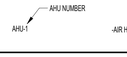
NOTE: SOME SYMBOLS SHOWN ON THIS LEGEND MAY NOT PERTAIN TO THIS PROJECT

HVAC ABBREVIATIONS

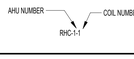
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
AFD	-ADJUSTABLE FREQUENCY DRIVE	LD	-LINEAR DIFFUSER
AFF	-ABOVE FINISHED FLOOR	MBH	-THOUSAND BTUs PER HOUR
AFR	-ABOVE FINISHED ROOF	MCA	-MINIMUM CIRCUIT AMPS
AHU	-AIR HANDLING UNIT	MOCP	-MAXIMUM OVER CURRENT PROTECTION
AP	-ACCESS PANEL	MOD	-MOTOR OPERATED CONTROL DAMPER (MOD)
BOP	-BOTTOM OF PIPE	NC	-NORMALLY CLOSED
BHP	-BRAKE HORSEPOWER	NO	-NORMALLY OPEN
BTU	-BRITISH THERMAL UNIT	NTS	-NOT TO SCALE
CL	-CENTER LINE	OA	-OUTSIDE AIR
CFM	-CFM (CUBIC FEET PER MINUTE)	OAL	-OUTSIDE AIR LOUVER
CD	-CEILING DIFFUSER	PRV	-PRESSURE REDUCING VALVE
CT	-COOLING TOWER	PRS	-PRESSURE REDUCING STATION
CV	-CONSTANT AIR VOLUME	PSI	-POUNDS PER SQUARE INCH
ΔP	-CHANGE IN PRESSURE	PSIG	-PSI GAUGE
Δt	-CHANGE IN TEMPERATURE	PTAC	-PACKAGED TERMINAL AIR CONDITIONER
CFM	-CUBIC FEET PER MINUTE	PVC	-POLYVINYL CHLORIDE PIPE
CU	-CONDENSING UNIT	RA	-RETURN AIR
DDC	-DIRECT DIGITAL CONTROLS	RHC	-REHEAT COIL
DN	-DOWN	RHP	-ROOFTOP HEAT PUMP
EAT	-ENTERING AIR TEMPERATURE	RPM	-REVOLUTIONS PER MINUTE
ESP	-EXTERNAL STATIC PRESSURE	RS/L	-REFRIGERANT SUCTION & LIQUID LINES
EWT	-ENTERING WATER TEMPERATURE	RTU	-ROOFTOP AIR HANDLING UNIT
FCU	-FAN COIL UNIT	SA	-SUPPLY AIR
FD	-FIRE DAMPER	SP	-STATIC PRESSURE
FF	-FINAL FILTERS	TSP	-TOTAL STATIC PRESSURE
FLA	-FULL LOAD AMPS	UNO	-UNLESS NOTED OTHERWISE
FPM	-FEET PER MINUTE	V/PH	-VOLTS/PHASE
GPM	-GALLONS PER MINUTE	VAV	-VARIABLE AIR VOLUME
KW	-KILOWATT	VFD	-VARIABLE FREQUENCY DRIVE
LAT	-LEAVING AIR TEMPERATURE		
LWT	-LEAVING WATER TEMPERATURE		

HVAC EQUIPMENT TAGS

-AIR DISTRIBUTION DEVICE



-AIR HANDLING UNIT



-REHEAT COIL

VARIABLE/CONSTANT AIR VOLUME TERMINAL UNITS

APPLICABLE CODES AND STANDARDS

INTERNATIONAL FIRE CODE (2024)
INTERNATIONAL BUILDING CODE (2024)
INTERNATIONAL PLUMBING CODE (2024)
INTERNATIONAL MECHANICAL CODE (2024)
INTERNATIONAL ENERGY CONSERVATION CODE (2024)

NFPA 70, 2020 EDITION, NATIONAL ELECTRICAL CODE.
NFPA 72, 2019 EDITION, NATIONAL FIRE ALARM AND SIGNALING CODE.
NFPA 90A, 2021 EDITION, STANDARD FOR THE INSTALLATION OF AIR-CONDITIONING AND VENTILATING SYSTEMS.
NFPA 90B, 2021 EDITION, STANDARD FOR THE INSTALLATION OF WARM AIR HEATING AND AIR-CONDITIONING SYSTEMS.
NFPA 101, 2021 EDITION, LIFE SAFETY CODE.

ASHRAE STANDARD 15, 2019 EDITION
ASHRAE STANDARD 34, 2019 EDITION
ASHRAE STANDARD 62.1, 2019 EDITION
SMACNA HVAC DUCT CONSTRUCTION STANDARDS, 2020 EDITION.

ASME/ANSI A17.1-2019, SAFETY CODE FOR ELEVATORS AND ESCALATORS.
ASME BOILER & PRESSURE VESSEL CODE, 2019 EDITION
ASME CSD-1, 2021 EDITION

PRODUCTS SHALL BE LISTED BY UNDERWRITERS LABORATORY, OR OTHER INDUSTRY-APPROVED TESTING AGENCY.

HVAC GENERAL NOTES

1. CONNECTION TO EQUIPMENT SHALL BE VERIFIED WITH MANUFACTURER'S CERTIFIED DRAWINGS. TRANSITIONS TO ALL EQUIPMENT SHALL BE VERIFIED AND PROVIDED FOR EQUIPMENT FURNISHED.
2. DIMENSIONS SHALL BE FIELD-VERIFIED AND COORDINATED PRIOR TO PROCUREMENT OR FABRICATION. COORDINATE THE WORK WITH OTHER TRADES INVOLVED. FIELD MODIFICATIONS SUCH AS OFFSETS IN PIPING OR DUCTWORK (INCLUDING DIVIDED DUCTWORK) NEEDED DUE TO OBSTRUCTIONS OR INTERFERENCES SHALL BE PROVIDED AT NO ADDITIONAL COST. FOR PROJECTS INVOLVING RENOVATION, COORDINATE NEW WORK WITH EXISTING ELEMENTS SUCH AS THE BUILDING STRUCTURE AND ARCHITECTURAL FEATURES, SPRINKLER PIPING, LIGHTS, PLUMBING, AND ELECTRICAL CONDUIT.
3. DUCT CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE SMACNA HVAC DUCT CONSTRUCTION STANDARD.
4. SEE SPECIFICATIONS FOR GAUGES, THICKNESS, BRACING, REQUIREMENTS, ETC., OF DUCTWORK.
5. PROVIDE AIR TURNING VANES IN ALL 90 DEGREE RECTANGULAR DUCT ELBOWS.
6. DUCT SIZES AND ALL OPENINGS THROUGH BUILDING CONSTRUCTION SHALL SUIT EQUIPMENT FURNISHED.
7. COORDINATE DIFFUSER, GRILLE AND REGISTER LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS AND EQUIPMENT OF ALL TRADES.
8. LOCATE THERMOSTATS, TEMPERATURE SENSORS, HUMIDISTATS, AND HUMIDITY SENSORS AT 48" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE. COORDINATE LOCATIONS WITH OTHER EQUIPMENT, FURNITURE, AND DOOR SWINGS.
9. ALL EQUIPMENT, DUCTWORK, ETC., SHALL BE SUPPORTED AS DETAILED AND/OR SPECIFIED. PROVIDE ADDITIONAL SUPPORTS AS REQUIRED TO PROVIDE A VIBRATION-FREE, RIGID INSTALLATION.
10. ALL DUCT SIZES SHOWN ARE INSIDE CLEAR DIMENSIONS.
11. DAMPERS AND INSIDES OF DUCTS VISIBLE THROUGH GRILLES, REGISTERS AND DIFFUSERS SHALL BE PAINTED FLAT BLACK.
12. REFER TO TYPICAL DETAILS FOR PIPING AND INSTALLATION OF EQUIPMENT.
13. TRAPPED CONDENSATE DRAINS FROM ALL MECHANICAL EQUIPMENT SHALL BE PROVIDED FOR PROPER DRAINAGE TO SUIT EQUIPMENT FURNISHED.
14. ACCESS PANELS IN DUCTWORK AND CEILINGS SHALL BE PROVIDED WHERE REQUIRED FOR OPERATION, BALANCING OR MAINTENANCE OF ALL MECHANICAL EQUIPMENT.
15. ALL DUCTWORK AND PIPING IS SHOWN SCHEMATICALLY. PROVIDE ALL TRANSITIONS, TURNING VANES, ELBOWS, FITTINGS, ETC., TO ALLOW SMOOTH FLOWS. ALL SPLIT DUCT FITTINGS SHALL TRANSITION TO FULL SIZE OF THE SUM OF BOTH BRANCHES, UPSTREAM OF SPLIT.
16. PROVIDE CONCRETE HOUSEKEEPING PAD UNDER ALL FLOOR-MOUNTED EQUIPMENT. REFER TO SPECIFICATIONS FOR DETAILED REQUIREMENTS.
17. VERIFY FINISH WITH ARCHITECT PRIOR TO PURCHASING GRILLES, REGISTERS, DIFFUSERS, LOUVERS AND OTHER AIR DISTRIBUTION DEVICES.
18. PROVIDE FLEXIBLE DUCT CONNECTIONS ON ALL DUCTWORK CONNECTING TO EACH FAN, AIR HANDLING UNITS, AND FAN COIL UNITS.
19. PROVIDE TRANSITIONS AT DIFFUSER NECKS AS REQUIRED TO MATCH SIZES OF FLEX DUCTS TO BE CONNECTED.
20. INTERRUPTIONS TO EXISTING SERVICES SHALL BE SCHEDULED FOR TIMES OTHER THAN NORMAL OPERATING HOURS (SUCH AS NIGHTS AND WEEKENDS). SUCH INTERRUPTIONS TO SERVICES SHALL NOT BE MADE WITHOUT THE PRIOR WRITTEN CONSENT OF THE OWNER'S REPRESENTATIVE AND PROPER COORDINATION WITH OTHER TRADES. PRE-WORK SHALL BE PERFORMED TO MAKE THE SHUTDOWN PERIOD AS BRIEF AS POSSIBLE.
21. ALL EQUIPMENT, DUCTWORK, ETC., TO BE REMOVED SHALL REMAIN PROPERTY OF THE OWNER OR DISPOSED OF LEGALLY, AS DIRECTED BY OWNER.
22. MAINTAIN CLEARANCE OF A MINIMUM OF 6" BETWEEN DUCTWORK, PIPING, EQUIPMENT, ETC., AND ALL FIRE RATED AND FIRE/SMOKE RATED PARTITIONS, TO ALLOW FOR INSPECTIONS OF RATED WALLS.
23. LOCATE ALL OUTSIDE AIR INTAKES A MINIMUM OF 10' CLEAR FROM ALL PLUMBING VENTS AND EXHAUST AIR DISCHARGE LOCATIONS.
24. DUCT RUNOUTS TO DIFFUSERS SHALL MATCH THE SIZE OF THE DIFFUSER NECK.
25. WATER PRESSURE DROPS THROUGH COIL CONTROL VALVES SHALL NOT EXCEED 5 PSI.
26. UNLESS OTHERWISE NOTED, ALL EQUIPMENT AND VALVE DRAINS SHALL BE INDEPENDENTLY PIPED FULL SIZE TO THE NEAREST PLUMBING DRAIN.
27. SLEEVE AND SEAL ALL PIPING PENETRATIONS THROUGH BUILDING PARTITIONS. PROVIDE MANUAL AIR VENTS AT ALL HIGH POINTS IN CHILLED WATER AND HOT WATER PIPING.
28. PIPING, DUCTWORK, LEAK PROTECTION APPARATUS, OR OTHER EQUIPMENT FOREIGN TO ELECTRICAL SWITCHBOARDS, PANELBOARDS, DISTRIBUTION BOARDS, OR MOTOR CONTROL CENTERS SHALL NOT BE INSTALLED WITHIN THE REQUIRED SPACE FOR WORKING CLEARANCES OR DEDICATED SPACES OF THE ELECTRICAL EQUIPMENT, EXTENDING IN FRONT OF AND FROM FLOOR TO STRUCTURAL CEILING WITH A WIDTH AND DEPTH OF THE ELECTRICAL EQUIPMENT IN ACCORDANCE WITH NEC-110.26.

MECHANICAL DRAWING INDEX

SHEET	DESCRIPTION
M001	MECHANICAL SYMBOLS, LEGEND, NOTES AND INDEX
M101	MECHANICAL PLAN
M601	MECHANICAL DETAILS
M701	MECHANICAL SCHEDULES

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.

springline architects — A NOVUS ARCHITECTS Company

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS

OFFICE OF DISASTER RECOVERY — U.S. VIRGIN ISLANDS

DEPARTMENT OF HEALTH — GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS

IN PROGRESS DOCUMENTS FOR INTERIM REVIEW ONLY. NOT FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Programming	
B	30% CDs	
C	60% CDs	
D	90% CDs	
E	100% CDs	

KNUD HANSEN DOH TOWER
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

MECHANICAL SYMBOLS, LEGEND, NOTES AND INDEX

NOT FOR CONSTRUCTION

REVISIONS:

No.	Description	Date

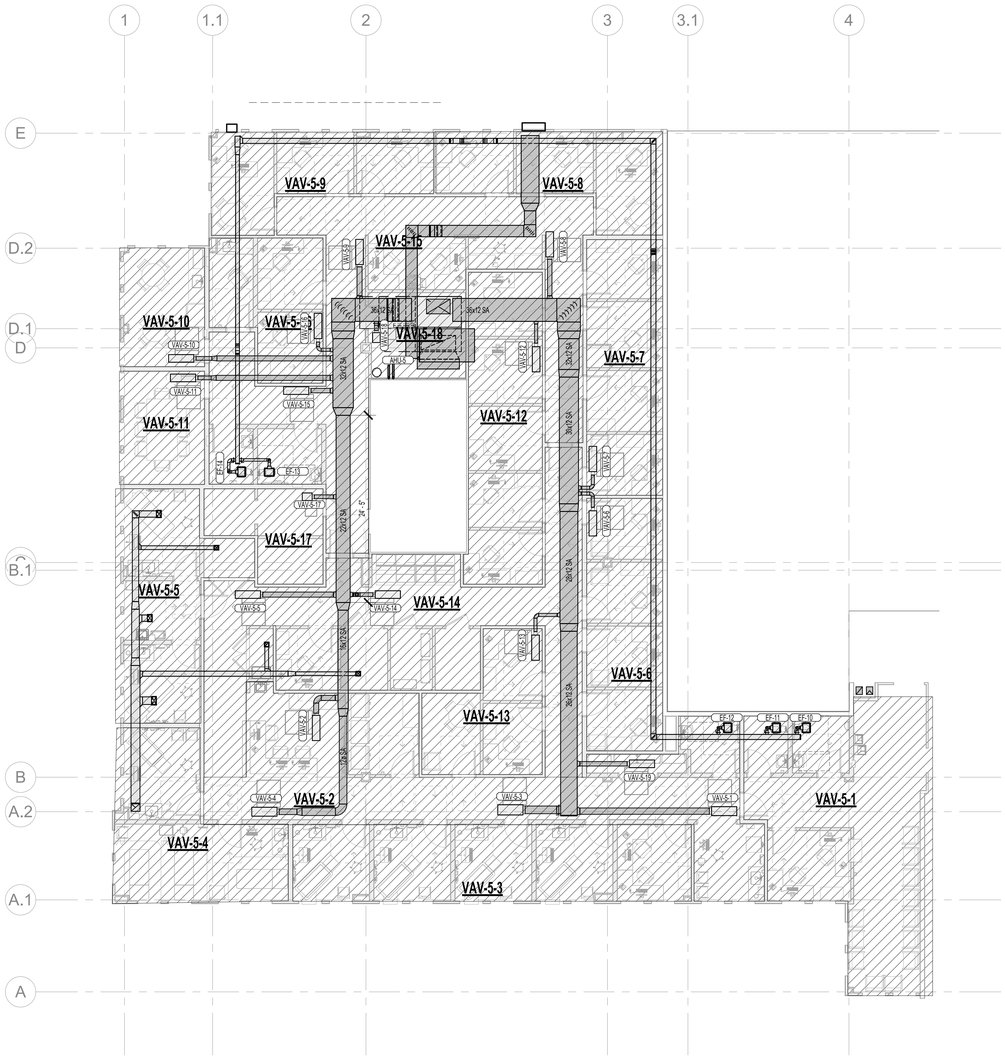
DRAWN BY: Author
CHECKED BY: Checker
DATE: 3/3/2026

NOVUS JOB NUMBER
470-23-50
CDR TASK ORDER NUMBER
010-8-101472

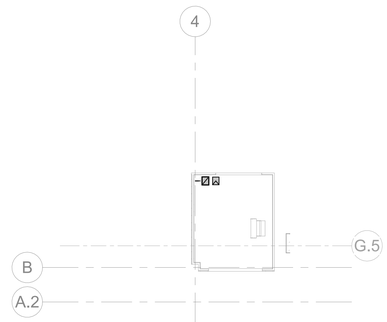
SHEET NUMBER
M001

30% CDS

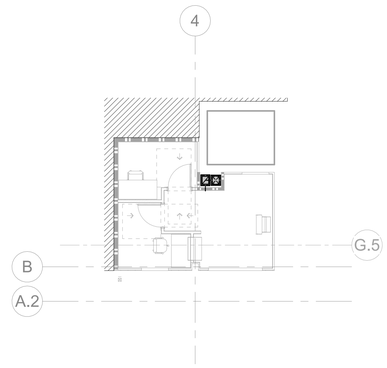
ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.



1 SECOND FLOOR MECHANICAL PLAN
M101 1/8" = 1'-0"



2 LOWER LEVEL MECHANICAL PLAN
M101 1/8" = 1'-0"



3 MAIN LEVEL MECHANICAL PLAN
M101 1/8" = 1'-0"

springline architects — A NOVUS ARCHITECTS Company

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS

OFFICE OF DISASTER RECOVERY — U.S. VIRGIN ISLANDS

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS — DEPARTMENT OF HEALTH

IN PROGRESS DOCUMENTS FOR INTERIM REVIEW ONLY. NOT FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Programming	
B	30% CDs	
C	60% CDs	
D	90% CDs	
E	100% CDs	

KNUD HANSEN DOH TOWER
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

MECHANICAL PLAN

REVISIONS:

No.	Description	Date

DRAWN BY: Author
CHECKED BY: Checker
DATE: 3/3/2026

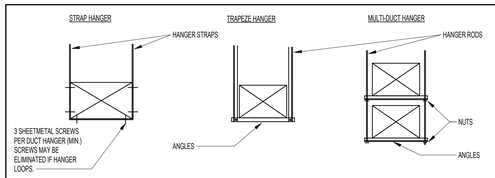
NOVUS JOB NUMBER
470-23-50
ODR TASK ORDER NUMBER
010-8-101472

SHEET NUMBER
M101

NOT FOR CONSTRUCTION

30% CDS

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.

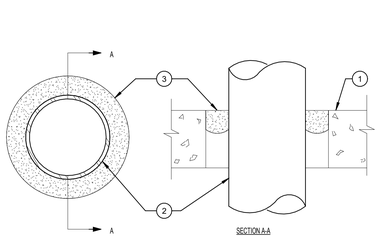


MINIMUM RECTANGULAR DUCT HANGER SIZES					
MAXIMUM DUCT WIDTH	MAXIMUM SPACING	WIRE SIZE	ROD SIZE	STRAP SIZE	TRAPEZE SIZE
24	10'-0"	10 GAUGE	---	1"x22 GAUGE	1x1x16 GAUGE
58	10'-0"	---	3/8"	1"x18 GAUGE	1x1x1/8
77	10'-0"	---	3/8"	1"x16 GAUGE	1.5x1.5x1/8
96	10'-0"	---	1/2"	1-1/2"x16 GAUGE	1.5x1.5x1/4
134	10'-0"	---	1/2"	1-1/2"x16 GAUGE	2.5x2.5x1/8
154	8'-0"	---	1/2"	1-1/2"x16 GAUGE	2.5x2.5x3/16
155	---	---	---	---	---

NOTES:

1. STRAPS ARE GALVANIZED STEEL; RODS ARE UNCOATED OR GALVANIZED STEEL; WIRE IS BLACK ANNEALED, BRIGHT BASIC OR GALVANIZED STEEL. ALL ARE ALTERNATIVES.
2. TABLE ALLOWS FOR CONVENTIONAL WALL THICKNESS, AND JOINT SYSTEMS PLUS ONE LB/SF OF INSULATION WEIGHT. IF HEAVIER DUCTS ARE TO BE INSTALLED, ADJUST HANGER SIZES TO BE WITHIN THEIR LOAD LIMITS .
3. WHEN STRAP HANGERS ARE LAP JOINED USE THESE MINIMUM FASTENERS:
   - 1" x 18, 20, 22 GAUGE — 2 - #10 OR 1-1/4" BOLT
   - 1" x 16 GAUGE — 2 - 1/4" BOLTS
   - 1" x 14 GAUGE — 2 - 3/8" BOLTS
4. REFER TO SMACNA HVAC CONSTRUCTION STANDARDS FOR ADDITIONAL INFORMATION.

RECTANGULAR DUCT SUPPORT DETAIL — 4
No Scale



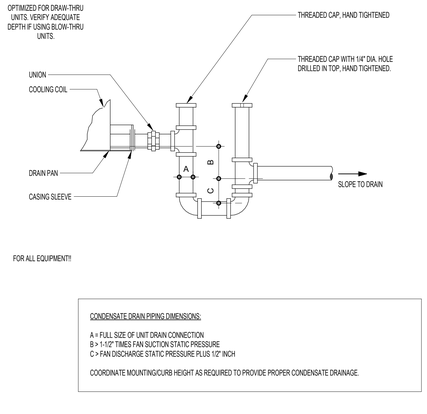
(Ref UL System #C-AJ-1027, 1997)

Notes:

1. Floor or Wall Assembly-Min 4-1/2 in. thick lightweight (100-150 pcf) concrete. Wall assembly may also be constructed of any UL Classified Concrete Blocks*. Max dia of circular through-opening is 12-1/4 in. *See Concrete Block (Cast) category in fire resistance Directory for names of manufacturers.
2. Steel Pipe or Conduit-Nom 10 in. dia. (or smaller) Schedule 10S (or heavier) steel pipe, nominal 6 in. dia. (or smaller) rigid steel conduit or nom 4 in. dia. (or smaller) steel EMT. Max. one steel pipe per through-opening. Max. annular space between pipe or conduit and edge of through-opening not to exceed 3/4 in. Pipe or conduit to be rigidly supported on both sides of floor or wall assembly.
3. Fill, Void or Cavity Material*-Putty-Moldable putty material kneaded by hand and packed tightly into annular space, flush with top surface of floor. In wall assemblies, required putty thickness to be installed symmetrically on both sides of wall. The min. putty thickness and maximum through-opening sizes for the 2 and 3 Hr. Fire-Rated are specified in the following table:

Max. Through-Opening Sizes	Min. Fill Material Thickness	Fire Rating
6-1/4" in.	1/2" in.	2 hr.
12-1/4" in.	1" in.	3 hr.

FIRE RATED FLOOR / WALL PENETRATION — 3
No Scale

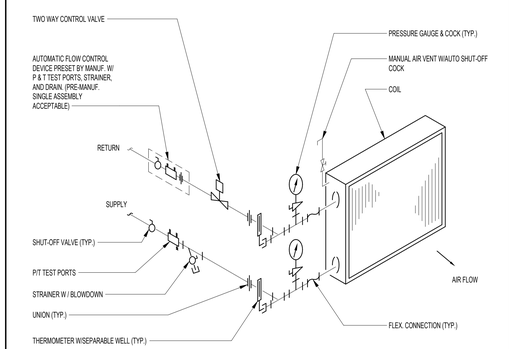


CONDENSATE DRAIN PIPING DIMENSIONS:

A = FULL SIZE OF UNIT DRAIN CONNECTION
B > 1-1/2" TIMES FAN SUCTION STATIC PRESSURE
C > FAN DISCHARGE STATIC PRESSURE PLUS 1/2" INCH

COORDINATE MOUNTING/CURB HEIGHT AS REQUIRED TO PROVIDE PROPER CONDENSATE DRAINAGE.

AHU CONDENSATE DRAIN TRAP — 2
No Scale



NOTES:

1. PROVIDE (4 x DIA.) OF STRAIGHT PIPE ON BOTH SIDES OF BALANCING VALVE.
2. ALL COMPONENTS FULL LINE SIZE UNLESS NOTED OTHERWISE.
3. LOCATE UNIONS TO ALLOW FOR COIL PULL.

2-WAY COIL PIPING DIAGRAM — 1
No Scale

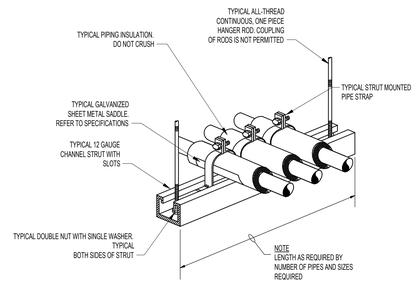
TYPICAL LOW PRESSURE DUCTWORK — 8
No Scale

NOTE: STRAP HANGER SIZE (WIDTH x THICKNESS) AND MAXIMUM HANGER SPACING SHALL COMPLY WITH REQUIREMENTS OF SECTION IV SMACNA HVAC DUCT CONSTRUCTION STANDARDS.

TYPICAL DUCT SUPPORT — 7
No Scale

DUCTLESS DX SPLIT SYSTEMS — 6
No Scale

DIFFUSER MOUNTING — 5
No Scale



NOTE:

1. REFER TO SPECIFICATIONS AND FLOOR PLANS FOR MATERIAL AND SIZES
2. SPECIFIED HANGER ROD, STRUT, NUTS, WASHER, AND PIPE STRAPS SHALL BE OF GALVANIZED PLATED MATERIALS

TRAPEZE HANGER — 9
No Scale

springline architects
— A NOVUS ARCHITECTS Company

IN PROGRESS: DOCUMENTS FOR INTERIM REVIEW ONLY. NOT FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Schematic	
B	30% CDs	
C	60% CDs	
D	90% CDs	
E	100% CDs	

Knud Hansen Building & Equipment - 470-23-49
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

MECHANICAL DETAILS

REVISIONS:

No.	Description	Date

DRAWN BY: Author
CHECKED BY: Checker
DATE: 3/3/2026
SLA JOB NUMBER: SLA 470-23-49
OOR PROJECT NUMBER: 101918

SHEET NUMBER: M601

30% CDS

NOT FOR CONSTRUCTION

AIR HANDLING UNIT SCHEDULE - CHILLED WATER

MARK	DESCRIPTION	LOCATION NAME	LOCATION NO.	SERVES	MANUFACTURER	MODEL NO.	SUPPLY AIRFLOW	OUTSIDE AIR FLOW	OUTSIDE AIR %	OUTSIDE AIR DCV	OUTSIDE AIR MIN	FAN AIRFLOW DESIGN	FAN AIRFLOW MIN	FAN PRESS ESP	FAN PRESS TSP	FAN MOTOR QTY	FAN MOTOR POWER	FAN MOTOR ECM	COOLING COIL CAP TOTAL	COOLING COIL CAP SENSIBLE	COOLING COIL AIRSIDE EAT(db)	COOLING COIL AIRSIDE EAT(wb)	COOLING COIL AIRSIDE LAT(db)	COOLING COIL AIRSIDE LAT(wb)	COOLING COIL AIRSIDE PD	COOLING COIL WATERSIDE FLOW	COOLING COIL WATERSIDE EWT	COOLING COIL WATERSIDE LWT	COOLING COIL WATERSIDE PD	UNIT WEIGHT	ELECTRICAL FLA	ELECTRICAL MCA	ELECTRICAL MOCP	ELECTRICAL VOLT	ELECTRICAL PH	REMARKS
AHU-5					TRANE	CSAA017	8000 CFM	1660 CFM	20.1	No	1660 CFM	8000 CFM	2520 CFM	2.00 in-wg	3.64 in-wg	2	6 hp	Yes	292740 Btu/h	202980 Btu/h	78.0 °F	66.3 °F	55.0 °F	54.3 °F	0.59 in-wg	49 GPM	42 °F	54 °F	4.76 Feet	1879 lbf	13 A	14 A	20 A	460 V	3	

VARIABLE AIR VOLUME TERMINAL UNIT SCHEDULE - ELECTRIC HEATER

MARK	LOCATION NAME	LOCATION NO.	MANUFACTURER	MODEL NO.	NECK SIZE	PRIMARY AIRFLOW MAX	PRIMARY AIRFLOW MIN	HEATING COIL CAP	HEATING COIL AIRSIDE DESIGN FLOW	HEATING COIL AIRSIDE EAT(db)	HEATING COIL AIRSIDE LAT(db)	HEATING ELEMENT QTY	HEATING ELEMENT POWER	HEATING ELEMENT SCR	HEATING ELEMENT STAGES	NC	UNIT WEIGHT	ELECTRICAL VOLT	ELECTRICAL PH	REMARKS
VAV-5-1			TITUS	DESV	10	910 CFM	275 CFM	7413.8 Btu/h	275 CFM	55 °F	80 °F	1	2.5 kW	Yes		0	81.00 lbf	208 V	1	
VAV-5-2			TITUS	DESV	8	605 CFM	185 CFM	4987.5 Btu/h	185 CFM	55 °F	80 °F	1	1.5 kW	Yes		0	68.00 lbf	208 V	1	
VAV-5-3			TITUS	DESV	12	1415 CFM	425 CFM	11457.7 Btu/h	425 CFM	55 °F	80 °F	1	3.5 kW	Yes		0	92.00 lbf	208 V	1	
VAV-5-4			TITUS	DESV	9	795 CFM	240 CFM	6470.2 Btu/h	240 CFM	55 °F	80 °F	1	2.0 kW	Yes		0	81.00 lbf	208 V	1	
VAV-5-5			TITUS	DESV	8	575 CFM	175 CFM	4717.9 Btu/h	175 CFM	55 °F	80 °F	1	1.5 kW	Yes		0	68.00 lbf	208 V	1	
VAV-5-6			TITUS	DESV	5	200 CFM	60 CFM	1617.6 Btu/h	60 CFM	55 °F	80 °F	1	0.5 kW	Yes		0	65.00 lbf	208 V	1	
VAV-5-7			TITUS	DESV	5	230 CFM	70 CFM	1897.2 Btu/h	70 CFM	55 °F	80 °F	1	1.0 kW	Yes		0	65.00 lbf	208 V	1	
VAV-5-8			TITUS	DESV	7	450 CFM	135 CFM	3639.5 Btu/h	135 CFM	55 °F	80 °F	1	1.5 kW	Yes		0	68.00 lbf	208 V	1	
VAV-5-9			TITUS	DESV	8	660 CFM	200 CFM	5391.9 Btu/h	200 CFM	55 °F	80 °F	1	2.0 kW	Yes		0	68.00 lbf	208 V	1	
VAV-5-10			TITUS	DESV	6	390 CFM	120 CFM	3235.1 Btu/h	120 CFM	55 °F	80 °F	1	1.0 kW	Yes		0	65.00 lbf	208 V	1	
VAV-5-11			TITUS	DESV	6	340 CFM	105 CFM	2830.7 Btu/h	105 CFM	55 °F	80 °F	1	1.0 kW	Yes		0	65.00 lbf	208 V	1	
VAV-5-12			TITUS	DESV	5	245 CFM	75 CFM	2021.9 Btu/h	75 CFM	55 °F	80 °F	1	1.0 kW	Yes		0	65.00 lbf	208 V	1	
VAV-5-13			TITUS	DESV	5	195 CFM	60 CFM	1617.6 Btu/h	60 CFM	55 °F	80 °F	1	0.5 kW	Yes		0	65.00 lbf	208 V	1	
VAV-5-14			TITUS	DESV	6	275 CFM	85 CFM	2291.5 Btu/h	85 CFM	55 °F	80 °F	1	1.0 kW	Yes		0	65.00 lbf	208 V	1	
VAV-5-15			TITUS	DESV	7	425 CFM	130 CFM	3504.7 Btu/h	130 CFM	55 °F	80 °F	1	1.5 kW	Yes		0	68.00 lbf	208 V	1	
VAV-5-16			TITUS	DESV	5	165 CFM	50 CFM	1348.0 Btu/h	50 CFM	55 °F	80 °F	1	0.5 kW	Yes		0	65.00 lbf	208 V	1	
VAV-5-19			TITUS	DESV	7	535 CFM	165 CFM	4448.3 Btu/h	165 CFM	55 °F	80 °F	1	1.5 kW	Yes		0	68.00 lbf	208 V	1	

FAN SCHEDULE

MARK	LOCATION NAME	LOCATION NO.	SERVES	MANUFACTURER	MODEL NO.	TYPE	FAN AIRFLOW DESIGN	FAN AIRFLOW MIN	FAN PRESS ESP	FAN DRIVE TYPE	FAN MOTOR POWER	FAN MOTOR ECM	SOUND PRESS LEVEL (dBA)	UNIT WEIGHT	ELECTRICAL FLA	ELECTRICAL MCA	ELECTRICAL MOCP	ELECTRICAL VOLTS	ELECTRICAL PH	INTERLOCK ID	REMARKS
EF-9				GREENHECK	SQ-100-VG	INLINE	960 CFM	960 CFM	0.50 in-wg	DIRECT	0.25 hp	Yes	53	50.00 lb	4 A	5 A	15 A	120 V	1		
EF-10				GREENHECK	SP-A90	CEILING	50 CFM	50 CFM	0.30 in-wg	DIRECT	0.02 hp	Yes	30	12.00 lb	1 A	1 A	15 A	120 V	1		
EF-11				GREENHECK	SP-A90	CEILING	50 CFM	50 CFM	0.30 in-wg	DIRECT	0.02 hp	Yes	30	12.00 lb	1 A	1 A	15 A	120 V	1		
EF-12				GREENHECK	SP-A90	CEILING	50 CFM	50 CFM	0.30 in-wg	DIRECT	0.02 hp	Yes	30	12.00 lb	1 A	1 A	15 A	120 V	1		
EF-13				GREENHECK	SP-A90	CEILING	50 CFM	50 CFM	0.30 in-wg	DIRECT	0.02 hp	Yes	30	12.00 lb	1 A	1 A	15 A	120 V	1		
EF-14				GREENHECK	SP-A90	CEILING	50 CFM	50 CFM	0.30 in-wg	DIRECT	0.02 hp	Yes	30	12.00 lb	1 A	1 A	15 A	120 V	1		

VARIABLE AIR VOLUME TERMINAL UNIT SCHEDULE

MARK	LOCATION NAME	LOCATION NO.	MANUFACTURER	MODEL NO.	NECK SIZE	PRIMARY AIRFLOW MAX	PRIMARY AIRFLOW MIN	NC	UNIT WEIGHT	ELECTRICAL VOLT	ELECTRICAL PH	REMARKS
VAV-5-17			TITUS	DESV	6	400 CFM	120 CFM	0	37.00 lbf	120 V	1	
VAV-5-18			TITUS	DESV	6	400 CFM	120 CFM	0	37.00 lbf	120 V	1	

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.

springline architects — A NOVUS ARCHITECTS Company

IN PROGRESS DOCUMENTS FOR INTERIM REVIEW ONLY. NOT FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Programming	
B	30% CDs	
C	60% CDs	
D	90% CDs	
E	100% CDs	

KNUD HANSEN DOH TOWER

1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

MECHANICAL SCHEDULES

REVISIONS:

No.	Description	Date

DRAWN BY: Author

CHECKED BY: Checker

DATE: 3/3/2026

NOVUS JOB NUMBER
470-23-50

CDR TASK ORDER NUMBER
010-8-101472

SHEET NUMBER
M701

30% CDS

NOT FOR CONSTRUCTION

ELECTRICAL SYMBOL LEGEND

BASIC MATERIALS

SYMBOL	DESCRIPTION
	DEVICE ABBREVIATION TAGS:
	6C POKE-THRU WITH 6" CORE DRILL
	8C POKE-THRU WITH 8" CORE DRILL
	4G FOUR-GANG FLOOR BOX
	6G SIX-GANG FLOOR BOX
	8G EIGHT-GANG FLOOR BOX
	AV DOUBLE DUPLEX RECEPTACLE WITH DEDICATED CIRCUIT FOR AV RACK OR CART
	C RECEPTACLE CONTROLLED PER ASHRAE 90.1 (2010); PROVIDE POWER PACK FOR RECEPTACLE CIRCUIT, TO BE CONTROLLED THROUGH LOCAL ROOM OCCUPANCY SENSOR(S); PROVIDE DEVICE WITH BLUE DOT OR UNIVERSAL POWER SYMBOL
	ETR EXISTING TO REMAIN
	H HOSPITAL GRADE
	IG ISOLATED GROUND (ORANGE DEVICE)
	RL RELOCATED
	TR TAMPER RESISTANT
	TV RECEPTACLE MOUNTED ADJACENT TO TV OUTLET, COORDINATE HEIGHT W/ ARCHITECT
	U DUPLEX RECEPTACLE WITH (2) USB PORTS
	WP WEATHERPROOF
S a	SINGLE POLE SWITCH (SUBSCRIPT INDICATES ITEM CONTROLLED)
S 3	THREE-WAY SWITCH
S 4	FOUR-WAY SWITCH
S K	SINGLE POLE KEY SWITCH
S T	DIGITAL TIMER SWITCH W/ 5 MIN. WARNING FLASH
S OSab	WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR SWITCH, DUAL RELAY
S OS	WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR SWITCH
S VS	WALL MOUNTED DUAL TECHNOLOGY VACANCY SENSOR SWITCH
S DOS	WALL MOUNTED DUAL TECHNOLOGY DIMMING/OCCUPANCY SENSOR SWITCH
S LV	LOW VOLTAGE SWITCH
S LVO	LOW VOLTAGE OVERRIDE SWITCH
S LVD	LOW VOLTAGE OVERRIDE SWITCH WITH DIMMING
S F	FAN SWITCH
S M	MOTOR RATED SWITCH
S D	DIMMER SWITCH, LINE VOLTAGE
OS	WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR
OS	CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR
DL	DAYLIGHT SENSOR CEILING MOUNTED
DL	DAYLIGHT SENSOR WALL MOUNTED
VS	VACANCY SENSOR CEILING MOUNTED
VS	VACANCY SENSOR WALL MOUNTED
PC	PHOTOCELL, MOUNTED ON ROOF FACING NORTH
	NOTE: DIAGONAL MARKS INDICATED ON ANY DEVICE REPRESENTS DEVICE CONNECTED TO EMERGENCY CIRCUIT (RED DEVICE FOR RECEPTACLE); TYPICAL FOR ANY DEVICE IN LEGEND
	SINGLE RECEPTACLE
	DUPLEX RECEPTACLE
	TWO DUPLEX RECEPTACLES (QUAD) WITH COMMON COVERPLATE
	DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER
	TWO DUPLEX RECEPTACLES (QUAD) WITH COMMON COVER MOUNTED ABOVE COUNTER
	DUPLEX RECEPTACLE, EACH RECEPTACLE ON SEPARATE CIRCUIT (PROVIDE BREAKER WITH 2-POLE COMMON TRIP HANDLE)
	SPLIT-WIRED CONTROLLED DUPLEX RECEPTACLE
	GFCI RECEPTACLE; "WP" INDICATES CAST METAL "IN-USE" WEATHERPROOF COVER, WEATHER-RESISTANT LISTED
	TWO GFCI DUPLEX RECEPTACLES (QUAD) WITH COMMON COVERPLATE
	GFCI RECEPTACLE MOUNTED ABOVE COUNTER
	DUPLEX RECEPTACLE, CEILING MOUNTED
	TWO DUPLEX RECEPTACLES (QUAD) WITH COMMON COVERPLATE, CEILING MOUNTED
	PEDESTAL MOUNTED DUPLEX RECEPTACLE
	FLOOR BOX WITH DUPLEX RECEPTACLE WITH APPROPRIATE FLANGE
	FLOOR BOX, TWO DUPLEX RECEPTACLES (QUAD) WITH APPROPRIATE FLANGE
	MULTI-SERVICE FLOOR BOX WITH DUPLEX RECEPTACLE, VOICE/DATA/AV DEVICES (REFER TO TECHNOLOGY DRAWINGS OR OWNER'S VENDOR DRAWINGS FOR LOW VOLTAGE REQUIREMENTS)
	MULTI-SERVICE FLOOR BOX WITH TWO DUPLEX RECEPTACLES (QUAD) , VOICE/DATA/AV DEVICES (REFER TO TECHNOLOGY DRAWINGS OR OWNER'S VENDOR DRAWINGS FOR LOW VOLTAGE REQUIREMENTS)
	MULTI-SERVICE POWER & DATA FLOOR BOX WITH FURNITURE FEED CONNECTION (REFER TO TECHNOLOGY DRAWINGS OR OWNER'S VENDOR DRAWINGS FOR LOW VOLTAGE REQUIREMENTS)
	SPECIAL PURPOSE RECEPTACLE, NEMA CONFIGURATION AS NOTED
	JUNCTION BOX WALL MOUNTED
	JUNCTION BOX MOUNTED IN OR ABOVE CEILING OR IN STRUCTURE
PP	WALL MOUNTED FURNITURE FEED POWER CONNECTION
PP	POWER POLE WITH POWER & DATA FURNITURE FEED POWER CONNECTIONS
PP	POWER POLE WITH POWER & DATA OUTLETS
P	MULTI-SERVICE POKE-THRU WITH TWO INTEGRAL DUPLEX RECEPTACLES AND VOICE/DATA/AV DEVICES (REFER TO TECHNOLOGY DRAWINGS OR OWNER'S VENDOR DRAWINGS FOR LOW VOLTAGE REQUIREMENTS), OR FURNITURE FEED CONNECTION; REFER TO POKE-THRU DETAILS
	MULTI-SERVICE RACEWAY WITH 5-20R RECEPTACLES, 18" O.C. UNLESS OTHERWISE NOTED
	CLOCK RECEPTACLE, WALL MOUNTED
GND	GROUND BUS BAR, COPPER
SPD	SURGE PROTECTIVE DEVICE
ST	SHUNT-TRIP PUSHBUTTON; SEMI-FLUSH WALL MOUNTED UNLESS OTHERWISE NOTED; NEMA 3R FOR EXTERIOR LOCATIONS
EPO	EMERGENCY POWER OFF SHUNT-TRIP PUSHBUTTON, RED MUSHROOM HEAD, CLEAR LEXAN PROTECTIVE COVER
	OVERHEAD DOOR PUSHBUTTON CONTROL STATION
	PUSHBUTTON STATION
	MOTOR CONNECTION
MD	MOTORIZED DAMPER CONNECTION
VFD	VARIABLE FREQUENCY DRIVE
DDC	DIRECT DIGITAL CONTROL PANEL
BAS	BUILDING AUTOMATION SYSTEM CONTROL PANEL
LCP	LIGHTING CONTROL PANEL

SYMBOL	DESCRIPTION
MH	MANHOLE
PB	PULLBOX
HH	HANDHOLE
T	TRANSFORMER
ATS	AUTOMATIC TRANSFER SWITCH
30AR / 3R	NEMA RATING; NEMA 1 UNLESS OTHERWISE NOTED NON-FUSED DISCONNECT SWITCH, RATING AS NOTED NF = NON-FUSED AR = AMPERE RATING OF SWITCH 4X SS = NEMA 4X STAINLESS STEEL ENCLOSURE
30AR / 200AF / 3R	NEMA RATING; NEMA 1 UNLESS OTHERWISE NOTED FUSED DISCONNECT AF = AMPERE RATING OF FUSE AR = AMPERE RATING OF SWITCH 4X SS = NEMA 4X STAINLESS STEEL ENCLOSURE
MCP AMPERE RATING / 3P / 3R	# OF POLES NEMA RATING; NEMA 1 UNLESS OTHERWISE NOTED COMBINATION MAGNETIC MOTOR STARTER, SIZE AS NOTED, 3-POLE UNLESS OTHERWISE NOTED 4X SS = NEMA 4X STAINLESS STEEL ENCLOSURE NEMA STARTER SIZE
	SWITCHBOARD/ SWITCHGEAR/ DISTRIBUTION PANEL
	BRANCH CIRCUIT PANELBOARD, OVER 240 VOLTS, SURFACE MOUNTED
	BRANCH CIRCUIT PANELBOARD, OVER 240 VOLTS, FLUSH MOUNTED
	BRANCH CIRCUIT PANELBOARD, UNDER 240 VOLTS, SURFACE MOUNTED
	BRANCH CIRCUIT PANELBOARD, UNDER 240 VOLTS, FLUSH MOUNTED
	CONDUIT CONCEALED ABOVE CEILING OR IN WALL
	CONDUIT EXPOSED
	CONDUIT CONCEALED IN SLAB, UNDERGROUND OR UNDER FLOOR
	CONDUIT HOMERUN TO ELECTRICAL PANEL
UP	CONDUIT TURNING UP
DN	CONDUIT TURNING DOWN
	CONDUIT STUBBED OUT OR UP
	CONDUIT CONTINUED
	FLEXIBLE CONDUIT
	CONDUIT SEAL-OFF FITTING
	GROUND OR GROUND ROD AS NOTED
	EXISTING TO BE REMOVED (HEAVY, DASHED LINE)
	EXISTING TO REMAIN (LIGHT, SOLID LINE)
	NEW (HEAVY, SOLID LINE)

LIGHTING

SYMBOL	DESCRIPTION
	STRIP FIXTURE
A	FIXTURE TYPE
Z ZX-X a	FIXTURE, RECESSED, PENDANT OR SURFACE CEILING LOWER CASE LETTER INDICATES CONTROLLING SWITCH CIRCUIT NUMBER LIGHTING CONTROL ZONE NUMBER
	FIXTURE RECESSED, PENDANT OR SURFACE CEILING DIAGONAL HALF SHADING INDICATE FIXTURE CONNECTED TO CRITICAL CIRCUIT OR PROVIDED WITH INTEGRAL EMERGENCY BATTERY PACK; "E" AFTER FIXTURE TYPE TAG INDICATES INTEGRAL BATTERY PACK UNLESS OTHERWISE NOTED ON LIGHT FIXTURE SCHEDULE (TYPICAL FOR ALL LIGHT FIXTURE SYMBOLS) FULL SHADING INDICATE FIXTURE CONNECTED TO LIFE SAFETY CIRCUIT.
	FIXTURE, WALL MOUNTED
	RECESSED, PENDANT OR SURFACE CEILING
	WALL MOUNTED
	CEILING WALLWASHER, ACCENT LIGHT, LANDSCAPING TREE ACCENT LIGHT, FACADE LIGHT
	TRACK WITH TRACK LIGHT FIXTURE (TRIANGLES INDICATE QUANTITY OF TRACK HEADS)
	EMERGENCY TWIN-HEAD LIGHT WITH INTEGRAL BATTERY PACK, WALL MOUNTED
	LINEAR RECESSED, PENDANT OR SURFACE CEILING
	EXTERIOR POLE-MOUNTED AREA LIGHT FIXTURE, ARMS AS INDICATED ON DRAWINGS
	EXTERIOR PEDESTRIAN SIDEWALK BOLLARD OR POST-TOP LIGHT FIXTURE
	EXIT LIGHT, CEILING OR PENDANT MOUNTED, DIRECTIONAL ARROWS AS INDICATED; SHADED QUADRANT INDICATES FACE(S) OF FIXTURE
	EXIT LIGHT, WALL MOUNTED

LIGHTNING PROTECTION SYSTEM

SYMBOL	DESCRIPTION
CI	CLASS I MAIN CONDUCTOR CABLE
CII	CLASS II MAIN CONDUCTOR CABLE
	TEE SPLICE
	FOUR-WAY SPLICE
	BONDING PLATE
	PIPE CLAMP FOR PLUMBING VENT THRU ROOF.
	AIR TERMINAL; PROVIDE PARAPET TYPE BASE WHERE MOUNTED ON PARAPET; PROVIDE FLAT BASE FOR MECHANICAL EQUIPMENT OR ROOF PERIMETER WITH NO PARAPET; PROVIDE BLUNT TIP WHERE MOUNTED ON INTERIOR OF ROOF, UNLESS OTHERWISE NOTED ON LIGHTNING PROTECTION PLANS
P	PARAPET MOUNTED AIR TERMINAL
F	FLAT ROOF MOUNTED OR MECHANICAL
G	COUNTERPOISE CONDUCTOR
DN DN	THRU-ROOF CONDUCTOR
	GROUND TERMINAL
	BONDING CONDUCTOR
DN	DOWN CONDUCTOR

FIRE ALARM / DETECTION SYSTEM

SYMBOL	DESCRIPTION
	NFPA / LEGACY
F F	MANUAL PULL STATION
S	CEILING SMOKE DETECTOR, PHOTOELECTRIC TYPE UNLESS OTHERWISE NOTED E = ELEVATOR WITH RECALL CONTACTS I = IONIZATION
D	DUCT SMOKE DETECTOR R = RETURN S = SUPPLY
SBR BR	BEAM SMOKE DETECTOR BR OR R = BEAM DETECTOR RECEIVER BT OR T = BEAM DETECTOR TRANSMITTER
H H	HEAT DETECTOR 135°F FIXED TEMPERATURE, UNLESS OTHERWISE NOTED, CEILING MOUNTED
S S	SUPERVISED ADDRESSABLE FIRE ALARM CONTROL RELAY
M	DUCT SMOKE DETECTOR REMOTE TEST SWITCH WITH INDICATING LAMP, WALL MOUNTED AT 48" AFF, UNLESS OTHERWISE NOTED
F XXCD	COMBINATION HORN/STROBE, WALL MOUNTED, 75CD UNLESS OTHERWISE NOTED; CD = CANDELA RATING
H XXCD	HORN ONLY, WALL MOUNTED
F XXCD	STROBE, CEILING MOUNTED, 75 CD UNLESS OTHERWISE NOTED CD = CANDELA RATING
PS XXCD	COMBINATION HORN/STROBE, CEILING MOUNTED, 75CD UNLESS OTHERWISE NOTED CD = CANDELA RATING
S	SPEAKER ONLY, CEILING MOUNTED
S	SPEAKER ONLY, WALL MOUNTED
F	STROBE, WALL MOUNTED, 75CD UNLESS OTHERWISE NOTED
F	FIREMAN'S PHONE JACK
TS	SPRINKLER TAMPER SWITCH CONNECTION
FS	SPRINKLER WATERFLOW SWITCH CONNECTION
PS	PRESSURE SWITCH CONNECTION
	ELECTROMAGNETIC DOOR HOLD OPEN DEVICE
FACP	FIRE ALARM CONTROL PANEL
FATC	FIRE ALARM TERMINAL CABINET
FAA	FIRE ALARM ANNUNCIATOR PANEL - FLUSH MOUNTED
EVAC	VOICE EVACUATION PANEL
MNS	MASS NOTIFICATION SYSTEM PANEL
DACT	MASS NOTIFICATION SYSTEM PANEL

AUDIO/VIDEO RACEWAY SYSTEM

SYMBOL	DESCRIPTION
TV	TELEVISION SIGNAL WALL OUTLET, MOUNTED ADJACENT TO DUPLEX RECEPTACLE IDENTIFIED WITH "TV" ADJACENT TO DEVICE; REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT
S X	CEILING MOUNTED SPEAKER X = ZONE TO BE CONTROLLED
S	WALL MOUNTED SPEAKER
VC	WALL-MOUNTED VOLUME CONTROL; PROVIDE 3/4" C. STUBBED UP ABOVE CEILING AND SINGLE STANDARD ELECTRICAL BOX AT 48" AFF
MVC X	WALL-MOUNTED MASTER VOLUME CONTROL; PROVIDE 3/4" C. STUBBED UP ABOVE CEILING AND SINGLE STANDARD ELECTRICAL BOX AT 48" AFF X = ZONE TO BE CONTROLLED
RCA	WALL-MOUNTED DUAL RCA JACKS FOR MP3 CONNECTION
AV	AUDIO/VISUAL CABINET OR RACK

AREA OF RESCUE ASSISTANCE SYSTEM

SYMBOL	DESCRIPTION
AOR CS	AREA OF RESCUE ASSISTANCE CALL STATION, WALL, FLUSH MOUNTED
AOR R	AREA OF RESCUE ASSISTANCE RECEIVER, WALL, FLUSH MOUNTED
AOR PS	AREA OF RESCUE ASSISTANCE POWER SUPPLY
AOR	AREA OF RESCUE ASSISTANCE ILLUMINATED SIGNAGE

ACCESS CONTROL / CCTV RACEWAY SYSTEM

SYMBOL	DESCRIPTION
ACP	ACCESS CONTROL SYSTEM PANEL
FIX	CCTV CAMERA; PROVIDE FACEPLATE & DOUBLE GANG JUNCTION BOX, (1) 1"C. WITH CAT5A CABLE TO NEAREST IDF/MDF/IT ROOM, UNLESS NOTED OTHERWISE FIX = FIXED CCTV CAMERA PAN = PAN/TILT/ZOOM CCTV CAMERA
DPS	DOOR POSITION SWITCH
CR	CARD READER, WALL MOUNTED, MOUNTED AT 48" AFF
KP	KEY PAD, WALL MOUNTED, MOUNTED AT 48" AFF
CK	COMBINED CARD READER/KEY PAD, WALL MOUNTED, MOUNTED AT 48" AFF
ES	ELECTRIC STRIKE
EM	ELECTRIC MORTISE/TRIM LOCK
EL	ELECTRIC LATCH
ML	MAGNETIC LOCK
DE	DELAYED EGRESS
	REMOTE DOOR RELEASE BUTTON
	ASSOCIATED DOOR DETAIL REFERENCE

INTERCOM SYSTEM

SYMBOL	DESCRIPTION
ICEC	INTERCOM EQUIPMENT CABINET
IC M	INTERCOM MASTER STATION
IC AP	ADMINISTRATIVE PHONE
IC HS	HANDSET
IC CS	CALL STATION
SX Y	CEILING MOUNTED SPEAKER "X" INDICATES TYPE "Y" INDICATES ZONE
SX Y	WALL MOUNTED SPEAKER "X" INDICATES TYPE "Y" INDICATES ZONE NO ZONE INDICATES LOCAL AUDIO/VIDEO SYSTEM

VOICE AND DATA RACEWAY SYSTEM

SYMBOL	DESCRIPTION
	SINGLE-GANG 2-1/8"D ELECTRICAL BOX WITH BLANK COVER FOR VOICE/DATA OUTLET WITH 1" CONDUIT STUBBED UP AND INTO NEAREST ACCESSIBLE CEILING UNLESS OTHERWISE NOTED; PROVIDE WITH NYLON PULL STRING & SMOOTH BUSHING C = ABOVE COUNTER
W	SINGLE-GANG 2-1/8"D ELECTRICAL BOX WITH BLANK COVER FOR TELEPHONE WALL OUTLET WITH 1" CONDUIT STUBBED UP AND INTO NEAREST ACCESSIBLE CEILING UNLESS OTHERWISE NOTED; PROVIDE WITH NYLON PULL STRING & SMOOTH BUSHING W = WALL MOUNTED AT 52" AFF FOR HOUSE PHONE W, ADA = WALL MOUNTED AT 44" AFF FOR ADA ACCESSIBLE PAY PHONE ELV = WALL MOUNTED @ 52" AFF FOR TELEPHONE IN ELEVATOR MACHINE ROOM
WAP	WIRELESS ACCESS POINT OUTLET, CEILING MOUNTED; ACTUAL QUANTITY AND LOCATIONS SHALL BE BASED ON SIGNAL SURVEY BY OWNER'S WLAN VENDOR
	MULTI-SERVICE FLOOR BOX WITH RECEPTACLE AND TECHNOLOGY DEVICES (REFER TO OWNER'S VENDOR DRAWINGS FOR DEVICES); PROVIDE RACEWAY(S) AS INDICATED ON FLOOR PLANS
	MULTI-SERVICE FLOOR BOX WITH FURNITURE FEED CONNECTION; PROVIDE RACEWAY(S) AS INDICATED ON FLOOR PLANS
2	2-GANG 2-1/8"D ELECTRICAL BOX WITH BLANK COVER FOR WALL MOUNTED FURNITURE FEED DATA CONNECTION; PROVIDE RACEWAY(S) AS INDICATED ON FLOOR PLANS
P	MULTI-SERVICE POKE-THRU WITH RECEPTACLES AND TECHNOLOGY DEVICES (REFER TO TECHNOLOGY DRAWINGS OR OWNER'S VENDOR DRAWINGS FOR LOW VOLTAGE REQUIREMENTS), OR FURNITURE FEED CONNECTION; REFER TO POKE-THRU DETAILS AND FLOOR PLANS FOR RACEWAY INFORMATION
PP	POWER POLE WITH POWER & DATA FURNITURE FEED POWER CONNECTIONS (REFER TO TECHNOLOGY DRAWINGS OR OWNER'S VENDOR DRAWINGS FOR LOW VOLTAGE REQUIREMENTS); REFER TO FLOOR PLANS FOR RACEWAY INFORMATION
	3/4"THICK X 8' HIGH A/C PLYWOOD BACKBOARD MOUNTED 8" AFF FROM BOTTOM, PAINTED WITH GRAY FIRE-RETARDANT PAINT, WIDTH AS INDICATED ON FLOOR PLAN
	CABLE TRAY FOR HORIZONTAL LOW VOLTAGE CABLE, 12"W X 4" HIGH UNLESS OTHERWISE NOTED; LADDER TYPE IN IDF/MDF/IT ROOMS, BASKET/MESH TYPE IN OTHER AREAS, UNLESS OTHERWISE NOTED
	2-POST DATA RACK
	4-POST DATA RACK
	WALL MOUNTED DATA RACK

ABBREVIATIONS

A/C	AIR CONDITIONING
AC	ALTERNATING CURRENT
ABV/ CLG	ABOVE CEILING
ADA	AMERICANS WITH DISABILITIES ACT
AF	AMPERE FRAME
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHU	AIR HANDLING UNIT
AIC	AMPERE INTERRUPTING CAPACITY
AL	ALUMINUM
AMP	AMPERE
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
ASA	AMERICAN STANDARDS ASSOCIATION
AT	AMPERE TRIP
ATS	AUTOMATIC TRANSFER SWITCH
AUX	AUXILIARY
AWG	AMERICAN WIRE GAUGE
BC	BARE COPPER
BIL	BASIC IMPULSE LEVEL
BAS	BUILDING AUTOMATION SYSTEM
BMS	BUILDING MANAGEMENT SYSTEM
BRKR OR BKR	BREAKER
C	CONDUIT OR RACEWAY
CAB	CABINET
CKT	CIRCUIT
CB	CIRCUIT BREAKER
CBM	CERTIFIED BALLAST MANUFACTURERS
CATV	CABLE TELEVISION
CCTV	CLOSED CIRCUIT TELEVISION
CLEC	CLOCK EQUIPMENT CABINET
CLG	CEILING
CO	CONDUIT OR RACEWAY ONLY
COAX	COAXIAL CABLE
COND	CONDUCTOR
CONN	CONNECTION
CPU	CENTRAL PROCESSING UNIT
CRT	CATHODE RAY TERMINAL (VIDEO DISPLAY TERMINAL)
CT	CURRENT TRANSFORMER
CU	COPPER
CW	COLD WATER
DC	DIRECT CURRENT
DDC	DIRECT DIGITAL CONTROL
DEG	DEGREE
DF	DEMAND FACTOR
DISC	DISCONNECT
DISC SW	DISCONNECT SWITCH
DO	DRAW OUT
DN	DOWN
DPST	DOUBLE POLE SINGLE THROW
EDH	ELECTRIC DUCT HEATER
EMT	ELECTRIC METALLIC TUBING
EO	ELECTRICALLY OPERATED
EOL	END OF LINE
EOR	ENGINEER OF RECORD
ETR	EXISTING TO REMAIN
EWC	ELECTRIC WATER COOLER
FA	FIRE ALARM
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FATC	FIRE ALARM TERMINAL CABINET
FCU	FAN COIL UNIT
FLA	FULL LOAD AMPERES
FM	FACTORY MUTUAL
FPU	FAN POWERED UNIT
FT	FEET
GF	GROUND FAULT
GFA	GROUND FAULT ALARM
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFR	GROUND FAULT RELAY
GND, G	GROUND
HP	HORSEPOWER
HOA	HAND-OFF-AUTOMATIC
HORIZ	HORIZONTAL
IBC	INTERNATIONAL BUILDING CODE
IC	INTERCOM
ICU	INTENSIVE CARE UNIT
IECC	INTERNATIONAL ENERGY CONSERVATION CODE

ABBREVIATIONS (CONT.)

IEEE	INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS
IES	ILLUMINATING ENGINEERING SOCIETY
IMC	INTERMEDIATE METAL CONDUIT
IN	INCHES
IPCEA	INSULATED POWER CABLE ENGINEERS ASSOCIATION
IT	INSTANTANEOUS TRIP
J® OR J-BOX	JUNCTION BOX
KCMIL	ONE THOUSAND CIRCULAR MILS
KV	KILOVOLT
KVA	KILOVOLT AMPERES
KW	KILOWATT
KWH	KILOWATT HOURS
LBS	POUNDS
LED	LIGHT EMITTING DIODE
LP	LIGHTNING PROTECTION
LT	LIGHT
LTG	LIGHTING
LSIG	LONG TIME, SHORT TIME, INSTANTANEOUS, GROUND
LSIA	LONG TIME, SHORT TIME, INSTANTANEOUS, ALARM
LSI	LONG TIME, SHORT TIME, INSTANTANEOUS
MAX	MAXIMUM
MCA	MINIMUM CIRCUIT AMPS
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MDP	MAIN SERVICE DISTRIBUTION PANEL
MIC	MICROPHONE
MIN	MINIMUM
MLO	MAIN LUGS ONLY
MOCP	MAXIMUM OVERCURRENT PROTECTION
MSB	MAIN SERVICE SWITCHBOARD
MTD	MOUNTED
MTG	MOUNTING
MTR	MOTOR
MTS	MANUAL TRANSFER SWITCH
MUX	MULTIPLEX (TRANSPONDER) PANEL
MVA	MEGA VOLT AMPS
N	NEUTRAL
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
NF	NON-FUSED
NL	NON-LINEAR
NO	NORMALLY OPEN OR NUMBER
OL	OVERLOAD
OSHA	OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION
P	POLE
PB	PULLBOX
PF	POWER FACTOR
PIV	POST INDICATOR VALVE
PNL	PANEL
PR	PAIR
PRI	PRIMARY
PT	POTENTIAL TRANSFORMER
PVC	POLYVINYLCHLORIDE
PWR	POWER
REC, RECEPT	RECEPTACLE
REF	REFRIGERATOR
RGS, GRC	RIGID GALVANIZED STEEL CONDUIT
RLA	RUNNING LOAD AMPERES
RMS	ROOT-MEAN-SQUARE
RPM	REVOLUTIONS PER MINUTE
RTU	ROOF TOP UNIT
SCA	SHORT CIRCUIT AMPERES
SD	SMOKE DETECTOR
SEC	SECONDARY
S/N	SOLID NEUTRAL
SPD	SURGE PROTECTIVE DEVICE
SPKR	SPEAKER
SPST	SINGLE POLE SINGLE THROW
SS	STAINLESS STEEL
SST	SOLID STATE TRIP
STD	SHORT TIME TRIP
SW	SWITCH
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
TEL	TELEPHONE
TTB	TELEPHONE TERMINAL BOARD
TTC	TELEPHONE TERMINAL CABINET
TVEC	TELEVISION EQUIPMENT CABINET
TYP	TYPICAL
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
UL	UNDERWRITERS LABORATORIES
UTIL	UTILITY
V	VOLT
VA	VOLTAMPERE
VAR	VOLT AMPERE REACTIVE
VAV	VARIABLE AIR VOLUME
VFD	VARIABLE FREQUENCY DRIVE
W	WIRE
WP	WEATHER PROOF
XFMR	TRANSFORMER
XFR	TRANSFER

NOTE: SOME SYMBOLS SHOWN ON THIS LEGEND MAY NOT PERTAIN TO THIS PROJECT.

ELECTRICAL DRAWING INDEX

SHEET	DESCRIPTION
E001	ELECTRICAL SYMBOLS, LEGEND, NOTES AND INDEX
E002	ELECTRICAL GENERAL NOTES
E101	POWER LOWER FLOOR PLAN
E102	POWER MAIN FLOOR PLAN
E103	POWER SECOND FLOOR PLAN
E121	LIGHTING LOWER LEVEL RCP
E122	LIGHTING MAIN FLOOR RCP
E123	LIGHTING SECOND FLOOR RCP
E601	ELECTRICAL ONE-LINE DIAGRAM
E651	ENLARGED ELECTRICAL PLANS

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.

springline architects
— A NOVUS ARCHITECTS Company

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS

OFFICE OF DISASTER RECOVERY — U.S. VIRGIN ISLANDS

GOVERNMENT OF THE U.S. VIRGIN ISLANDS · DEPARTMENT OF HUMAN SERVICES ·

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS · DEPARTMENT OF HEALTH ·

IN PROGRESS DOCUMENTS FOR INTERNAL REVIEW ONLY. NOT FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Schematic	
B	30% CDs	04-03-2026
C	60% CDs	
D	90% CDs	
E	100% CDs	

Knud Hansen DOH Tower
470-23-50
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

ELECTRICAL SYMBOLS, LEGEND, NOTES AND INDEX

REVISIONS:

No.	Description	Date

DRAWN BY: KRM
CHECKED BY: SBC
DATE: 4/6/2026

SLA JOB NUMBER
470-23-50

ODR PROJECT NUMBER
010-8-101472

SHEET NUMBER
E001

30% CDS

NOT FOR CONSTRUCTION

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.

ELECTRICAL DEMOLITION NOTES

1. DEVICES, LIGHT FIXTURES AND EQUIPMENT SHOWN IN DASHED LINE TYPE ARE EXISTING TO BE DEMOLISHED; DEVICES, LIGHT FIXTURES AND EQUIPMENT SHOWN IN LIGHT (SCREENED) SOLID LINE TYPE ARE EXISTING TO REMAIN, UNLESS NOTED OTHERWISE.
2. EXISTING EQUIPMENT, LIGHT FIXTURES AND DEVICES SHOWN ARE BASED ON FIELD SURVEYS AND RECORD DRAWINGS PROVIDED BY THE OWNER AND ARE NOT NECESSARILY INCLUSIVE OF ALL EXISTING ELECTRICAL EQUIPMENT, LIGHT FIXTURES AND DEVICES WITHIN PROJECT AREAS. IT IS THE INTENT THAT THE DEMOLITION PLANS PROVIDE A GENERAL KNOWLEDGE OF THE EXISTING CONDITIONS WITHIN THE PROJECT AREA. ANY DISCREPANCIES OR CONDITIONS NOT SHOWN ON THE PLAN SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED ELECTRICAL DEMOLITION WHETHER INDICATED ON THE PLANS OR NOT.
3. EXISTING CIRCUITING SHOWN IS BASED ON RECORD DRAWINGS AND THE SURVEYED PANEL DIRECTORIES, WHERE THEY WERE AVAILABLE. THE ACTUAL CONDITIONS MAY VARY. ALL EXISTING CONDITIONS MUST BE VERIFIED PRIOR TO BID. THE CONDITIONS SHOWN ARE INTENDED TO SHOW THE LOCATIONS OF EXISTING DEVICES, LIGHT FIXTURES AND EQUIPMENT, WHERE SHOWN ON THE PLAN DRAWINGS, AND IN NO WAY RELIEVES THE CONTRACTOR FROM PROVIDING ANY AND ALL COORDINATION NECESSARY TO COMPLETE THE NEW WORK. FIELD CONDITIONS SHALL GOVERN.
4. WHERE EXISTING DEVICES ARE INDICATED TO REMAIN OR BE RELOCATED, ARE WITHIN THE SCOPE OF THIS PROJECT AND EXISTING CIRCUITING INFORMATION IS UNAVAILABLE, CONTRACTOR IS TO PROVIDE CIRCUIT TRACING TO IDENTIFY PANEL AND CIRCUIT SERVING THE DEVICE TO AND PROVIDE THAT INFORMATION TO THE ARCHITECT/ENGINEER PRIOR TO ROUTING CONDUITS AND WIRING FOR NEW DEVICES AND EQUIPMENT WITHIN THE SCOPE OF THIS PROJECT.
5. WHERE EXISTING DEVICES ARE TO REMAIN, CONTRACTOR MUST EXTEND EXISTING CIRCUITING WHERE NECESSARY TO MAINTAIN CONTINUITY OF CIRCUIT.
6. COORDINATE WITH THE OWNER FOR DISPOSITION OF ELECTRICAL ITEMS TO BE DEMOLISHED. OWNER SHALL HAVE THE OPTION TO RETAIN REUSABLE ITEMS SUCH AS COVERPLATES, RECEPTACLES, LIGHT FIXTURES, PANELBOARDS, TRANSFORMERS, ETC. NOT BEING USED IN THE FINISHED WORK. COORDINATE WITH THE OWNER PRIOR TO START OF DEMOLITION. PROPERLY AND LEGALLY DISPOSE OF ALL EQUIPMENT AND MATERIALS BEING REMOVED.
7. COORDINATE EXACT AREAS, WALLS, CEILINGS, ETC. TO BE DEMOLISHED WITH ARCHITECTURAL, STRUCTURAL, PLUMBING AND MECHANICAL DEMOLITION PLANS.
8. WHERE EXISTING DEVICES, LIGHT FIXTURES AND EQUIPMENT ARE INDICATED TO BE DEMOLISHED, REMOVE ASSOCIATED CONDUIT AND WIRING BACK TO SOURCE PANEL OR TO NEAREST JUNCTION BOX TO MAINTAIN CIRCUIT CONTINUITY OF DEVICES AND EQUIPMENT TO REMAIN. WHERE PANELS ARE TO REMAIN, TURN BREAKER TO "OFF" POSITION AND LABEL THE CIRCUIT AS "SPARE" ON THE PANEL DIRECTORY.
9. ALL AREAS OUTSIDE THE SCOPE OF CONSTRUCTION ARE TO REMAIN ENERGIZED. COORDINATE PHASING WITH CONSTRUCTION MANAGER AND OWNER PRIOR TO DEMOLITION OF ANY ITEM WHICH MAY RESULT IN INTERRUPTION OF POWER.
10. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS FOR EXTENT OF AREA REQUIRING DEMOLITION AND ADDITIONAL INFORMATION ON ELECTRICAL DEMOLITION WITHIN THAT AREA. DISCONNECT ELECTRICAL SERVICE TO ALL EQUIPMENT BEING REMOVED. DEMOLITION SHALL BE PHASED AS REQUIRED BY DIVISION 1 OR DIRECTED BY THE OWNER.
11. REMOVE ALL CONDUIT LEFT EXPOSED BY REMOVAL OF WALLS AND CEILINGS IN REMODELED OR RENOVATED AREA. CAP BOTH ENDS OF REMAINING CONDUIT IN WALL OR FLOOR WHERE CUT.
12. ELECTRICAL DEVICES CONCEALED BY STORAGE SHELVING, CASEWORK, FURNITURE, ETC., AND NOT NOTED ON THE DEMOLITION DRAWINGS ARE TO BE REMOVED AS REQUIRED, UNLESS SHOWN AS EXISTING TO REMAIN.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING ALL OPENINGS IN EXISTING CONSTRUCTION AFTER REMOVAL OF EQUIPMENT AND ELECTRICAL DEVICES, UNLESS OTHERWISE NOTED ON ARCHITECTURAL PLANS. REPAIRS ARE TO BE DONE TO LOGICAL EDGES OF SURFACES AFFECTED AND SHALL MATCH IMMEDIATELY ADJACENT AREAS IN CONSTRUCTION, MATERIAL, FIRE RATING, FINISH AND COLOR.
14. PROVIDE BLANK COVERPLATES WHERE DEVICES ARE BEING REMOVED FROM EXISTING WALLS TO REMAIN. MATCH COLOR OF NEW ADJACENT DEVICE COVERPLATES.
15. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO COMMENCEMENT OF WORK AND OBTAIN CLARIFICATIONS FROM ARCHITECT/ENGINEER IF NECESSARY.
16. COORDINATE ALL POWER INTERRUPTION WITH CONSTRUCTION MANAGER, OWNER, LANDLORD, AND UTILITY COMPANY (WHERE APPLICABLE) AND DO NOT INTERRUPT POWER WITHOUT WRITTEN PERMISSION. PROVIDE A MINIMUM OF ONE WEEK'S WRITTEN NOTIFICATION PRIOR TO WHEN POWER IS DESIRED TO BE INTERRUPTED. CONTRACTOR SHALL INVESTIGATE AND IDENTIFY ALL LOADS TO BE AFFECTED BY THE REQUESTED INTERRUPTION. CONTRACTOR SHALL SUBMIT WRITTEN SEQUENCE OF STEPS FOR EACH SHUTDOWN ALONG WITH THE ESTIMATED INTERRUPTION DURATIONS. MAKE ARRANGEMENTS TO MAINTAIN POWER TO ALL EXISTING NECESSARY LIGHTING, DEVICES AND EQUIPMENT AS NEEDED AND REQUESTED BY THE OWNER PRIOR TO COMMENCEMENT OF WORK.
17. EXERCISE EXTREME CAUTION WHEN REMOVING/ RELOCATING WIRING AND EQUIPMENT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT OTHER WIRING DEVICES, EQUIPMENT AND LIGHT FIXTURES THAT MAY BE CONNECTED TO THE SAME CIRCUIT REMAIN OPERATIONAL AND ACTIVE.
18. INFORMATION INDICATED IN THE DEMOLITION PORTION OF THE CONTRACT DRAWINGS IS DIAGRAMMATIC IN NATURE. FIELD VERIFY ELECTRICAL CIRCUIT HOMERUNS TO ALL ELECTRICAL ITEMS SCHEDULED TO BE DEMOLISHED AND PERFORM THE WORK AS INTENDED AND DEPICTED ON THE DRAWINGS.
19. UPDATE ALL EXISTING ELECTRICAL EQUIPMENT NAMEPLATES AND DIRECTORIES AS NECESSARY TO REFLECT FINAL AS-BUILT CONDITIONS AT THE END OF CONSTRUCTION.
20. STORE ITEMS INDICATED TO BE RETURNED TO THE OWNER IN A DRY, CLEAN AND PROTECTED AREA. NOTIFY OWNER WHEN ITEMS ARE READY TO BE REMOVED.
21. COORDINATE ANY ALTERATION AND CHANGES TO THE ELECTRICAL SERVICE WITH THE LOCAL UTILITY COMPANY AND THE OWNER PRIOR TO COMMENCEMENT OF WORK.
22. PROVIDE ANY NECESSARY REPROGRAMMING OF EXISTING BUILDING FIRE ALARM SYSTEMS TO DISABLE FIRE ALARM DEVICES THAT ARE BEING DISCONNECTED AND REMOVED, AND FOR ANY NEW DEVICES THATARE ADDED, AS PART OF BID PRICE.
23. ALL CONDUITS SERVING OTHER SPACES THAT RUN THROUGH THE PROJECT AREA SHALL REMAIN ACTIVE DURING CONSTRUCTION SO AS NOT TO CAUSE DISRUPTION TO THESE OTHER SPACES. ENSURE THAT ALL CONDUITS, NEW OR EXISTING WITHIN THE PROJECT AREA ARE PROPERLY SUPPORTED IN ACCORDANCE WITH THE NEC.
24. REMOVE ALL ABANDONED WIRING AND CONDUIT THAT IS WITHIN THE PROJECT AREA PRIOR TO THE END OF CONSTRUCTION.

APPLICABLE CODES

APPLICABLE CODES:
ALL WORK UNDER THIS DIVISION SHALL BE IN STRICT COMPLIANCE AND IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE FOLLOWING CODES AND STANDARDS INCLUDING THE REGULATIONS OF GOVERNING LOCAL, STATE, COUNTY AND OTHER APPLICABLE CODES. REFER TO SPECIFICATIONS FOR ADDITIONAL CODE REQUIREMENTS:

BUILDING CODES:
- INTERNATIONAL BUILDING CODE (2024)
- INTERNATIONAL ENERGY CONSERVATION CODE (2024)
- INTERNATIONAL FIRE CODE (2024)

ADDITIONAL CODES, STANDARDS, AND REQUIREMENTS
1. AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI).
2. INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS (IEEE).
3. NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION (NEMA).
4. REQUIREMENTS OF LOCAL POWER COMPANY.
5. THE AMERICANS WITH DISABILITIES ACT (ADA).
6. OWNER'S PUBLISHED DESIGN STANDARDS.
7. WIND LOAD 180MPH, EXPOSURE D.

ALL MATERIALS SHALL BE NEW AND FREE OF DEFECTS, AND SHALL BE LISTED BY A NATIONALLY RECOGNIZED TESTING LAB, AS DEFINED BY OSHA. WHERE NO LABELING OR LISTING SERVICE IS AVAILABLE FOR CERTAIN TYPES OF EQUIPMENT, TEST DATA SHALL BE SUBMITTED TO VALIDATE THAT EQUIPMENT MEETS OF EXCEEDS AVAILABLE STANDARDS.

NATIONAL FIRE PROTECTION (NFPA) STANDARDS:
- NFPA 10, 2022 EDITION, STANDARD FOR PORTABLE FIRE EXTINGUISHERS.
- NFPA 30, 2024 EDITION, FLAMMABLE AND COMBUSTIBLE LIQUIDS CODE.
- NFPA 37, 2024 EDITION, STANDARD FOR THE INSTALLATION AND USE OF STATIONARY COMBUSTION ENGINES AND GAS TURBINES.
- NFPA 54, 2024 EDITION, NATIONAL FUEL GAS CODE.
- NFPA 70, 2023 EDITION, NATIONAL ELECTRICAL CODE®.
- NFPA 72, 2022 EDITION, NATIONAL FIRE ALARM AND SIGNALING CODE.
- NFPA 75, 2023 EDITION, STANDARD FOR THE PROTECTION OF INFORMATION TECHNOLOGY EQUIPMENT.
- NFPA 90A, 2024 EDITION, STANDARD FOR THE INSTALLATION OF AIR-CONDITIONING AND VENTILATING SYSTEMS.
- NFPA 90B, 2024 EDITION, STANDARD FOR THE INSTALLATION OF WARM AIR HEATING AND AIR-CONDITIONING SYSTEMS.
- NFPA 101, 2024 EDITION, LIFE SAFETY CODE®.
- NFPA 110, 2022 EDITION, STANDARD FOR EMERGENCY AND STANDBY POWER SYSTEMS.
- NFPA 111, 2022 EDITION, STANDARD ON STORED ELECTRICAL ENERGY EMERGENCY AND STANDBY POWER SYSTEMS.
- NPFA 780, 2023 EDITION, INSTALLATION OF LIGHTNING PROTECTION SYSTEMS

ELECTRICAL GENERAL NOTES

GENERAL REQUIREMENTS

1. THE DRAWINGS AND APPLICABLE SPECIFICATIONS SHALL BE CONSIDERED SUPPLEMENTARY, ONE TO THE OTHER AND ARE CONSIDERED THE "CONTRACT DOCUMENTS". ALL WORKMANSHIP, METHODS AND/OR MATERIALS DESCRIBED OR IMPLIED BY ONE AND NOT DESCRIBED OR IMPLIED BY THE OTHER SHALL BE PROVIDED, FURNISHED OR PERFORMED AS IF IT HAD APPEARED IN BOTH SECTIONS. THE TERM "CONTRACT DOCUMENTS" DESCRIBED HEREIN IS NOT LIMITED SOLELY TO THE ELECTRICAL PORTION OF THE DRAWINGS AND SPECIFICATIONS BUT ENCOMPASSES THE DRAWINGS AND SPECIFICATIONS OF ALL DIVISIONS AS A WHOLE.
2. THE DRAWINGS ARE DIAGRAMMATIC AND ARE NOT INTENDED TO SHOW EVERY DETAIL OF CONSTRUCTION, METHODS, MATERIALS AND EQUIPMENT, OR EXACT LOCATIONS, ROUTING, ETC. THEY INDICATE THE RESULT TO BE ACHIEVED BY THE ASSEMBLAGE OF SEVERAL SYSTEMS FOR A COMPLETE AND OPERATIONAL ELECTRICAL SYSTEM. DO NOT SCALE THE CONTRACT DOCUMENTS. COORDINATE EXACT EQUIPMENT LOCATIONS WITH THE ARCHITECTURAL, CIVIL AND STRUCTURAL CONTRACT DOCUMENTS, AS WELL AS FIELD CONDITIONS, APPROVED SHOP DRAWINGS AND WORK OF ALL OTHER DIVISIONS/TRADES.
3. THE TERM "PROVIDE" USED IN THE CONTRACT DOCUMENTS INDICATES TO FURNISH AND INSTALL MATERIALS REQUIRED FOR CORRECT INSTALLATION OF A COMPLETE SYSTEM, UNLESS SPECIFICALLY NOTED OTHERWISE.
4. UNLESS NOTED AS EXISTING, ALL ELECTRICAL INDICATED ON THE CONTRACT DOCUMENTS SHALL BE NEW, SHALL BE U.L. LISTED, AND SHALL BEAR A U.L. LABEL. WHERE NO U.L. LABEL OR LISTING IS AVAILABLE, THE MATERIAL SHALL BE LISTED WITH AN APPROVED, NATIONALLY RECOGNIZED ELECTRICAL TESTING AGENCY.
5. PROVIDE EXPERIENCED, QUALIFIED AND RESPONSIBLE SUPERVISION FOR ALL WORK REQUIRED BY THE CONTRACT DOCUMENTS. ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER, TO THE SATISFACTION OF THE ARCHITECT/ENGINEER AND OWNER.
6. CARRY ALL INSURANCE REQUIRED TO PROTECT AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF THIS PROJECT.
7. GUARANTEE ALL MATERIALS AND WORKMANSHIP ARE FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE ARCHITECT/ENGINEER AND OWNER, UNLESS NOTED OTHERWISE IN DIVISION 1. AT NO ADDITIONAL COSTS, PROVIDE THE CORRECTION OF ANY DEFECTS INCLUDING REPAIR OR REPLACEMENT.
8. INCLUDE ALL COSTS ASSOCIATED WITH PERMITS, LICENSES, FEES, INSPECTIONS, TESTING AND TEMPORARY POWER IN THE BID PRICE, UNLESS NOTED OTHERWISE.
9. IF HAZARDOUS MATERIALS ARE ENCOUNTERED, COMPLY WITH ALL APPLICABLE RULES, REGULATIONS AND GUIDELINES CONCERNING REMOVAL, HANDLING, DISPOSAL AND PROTECTION AGAINST ENVIRONMENTAL EXPOSURE OR POLLUTION. PROVIDE DOCUMENTATION OF SAID COMPLIANCE.
10. PROVIDE ELECTRONIC SUBMITTALS (PRODUCT DATA & SHOP DRAWINGS) FOR EACH MAJOR COMPONENT OF THE ELECTRICAL SYSTEM FOR REVIEW BY THE ARCHITECT/ENGINEER AND OWNER. MAJOR COMPONENTS INCLUDE, BUT ARE NOT LIMITED TO, RACEWAYS, BOXES, WIRE AND CABLE, EQUIPMENT, DEVICES, LIGHT FIXTURES, SWITCHGEAR, PANELBOARDS, CIRCUIT BREAKERS, SAFETY SWITCHES, FIRE ALARM SYSTEM, ETC. ALL SUBMITTALS ARE TO BE REVIEWED AND APPROVED BY THE CONTRACTOR FOR CONFORMANCE WITH THE PROJECT REQUIREMENTS PRIOR TO SUBMITTING TO THE ARCHITECT/ENGINEER. ALLOW A MINIMUM OF TEN (10) BUSINESS DAYS FOR REVIEW BY ARCHITECT/ENGINEER, UNLESS NOTED OTHERWISE IN DIVISION 1.
11. THE ELECTRICAL PORTION OF THE CONTRACT DOCUMENTS ARE COORDINATED WITH THE DESIGN BASIS EQUIPMENT SPECIFIED BY DIVISION 26 AND OTHER DIVISIONS. WHERE THE CONTRACTOR ELECTS TO SUBSTITUTE A PRODUCT IN LIEU OF PROVIDING THE DESIGN BASIS, AND SAID SUBSTITUTION IS ACCEPTED BY THE ARCHITECT/ENGINEER AND OWNER, THE CONTRACTOR SHALL MAKE ALL CORRECTIONS TO THE ELECTRICAL SYSTEM NECESSARY IN ORDER TO ENSURE A COMPLETE AND OPERATIONAL INSTALLATION OF THE EQUIPMENT AT NO ADDITIONAL COSTS. WHERE THE CONTRACTOR'S DESIGN SUBSTITUTION RESULTS IN THE NEED FOR THE ENGINEER TO REVISE THE CONTRACT DOCUMENTS, THE ENGINEER RESERVES THE RIGHT TO REQUEST COMPENSATION FROM THE CONTRACTOR FOR SAID SERVICES.
12. MAINTAIN A CURRENT AND ACCURATE SET OF PROJECT RECORD DOCUMENTS (AS-BUILTS) AT THE SITE THROUGHOUT THE DURATION OF THE PROJECT. RECORD DRAWINGS SHALL BE UPDATED EACH DAY TO REFLECT THE ACTUAL LOCATIONS, SIZES, ROUTING, ETC. OF EACH PORTION OF THE ELECTRICAL SYSTEM AFFECTED BY THIS WORK. A FINAL SET OF RECORD DOCUMENTS SHALL BE ISSUED TO THE ARCHITECT/ ENGINEER FOR REVIEW AND THEN SUBMITTED TO THE OWNER WITHIN 30 DAYS AFTER THE DATE OF FINAL ACCEPTANCE. PROVIDE RECORD DRAWINGS OF THE ACTUAL INSTALLATION INCLUDING SINGLE LINE DIAGRAM, POWER RISER DIAGRAM OF THE BUILDING ELECTRICAL DISTRIBUTION SYSTEM, SITE PLANS AND ALL ELECTRICAL FLOORPLANS, DETAILS, PANEL SCHEDULES, ETC.
13. PROVIDE AN OPERATING AND MAINTENANCE MANUAL TO OWNER PRIOR TO THE FINAL ACCEPTANCE. THE MANUAL SHALL INCLUDE, AS A MINIMUM, (1) SUBMITTAL DATA STATING EQUIPMENT RATING AND SELECTED OPTIONS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE. ALSO PROVIDE TWO OPERATIONS AND MAINTENANCE MANUALS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE. REQUIRED ROUTINEMAINTENANCE ACTIONS AND METHOD OF OPERATION FOR EQUIPMENT SHALL BE CLEARLY IDENTIFIED, AND THE NAME, PHONE NUMBER AND ADDRESS OF AT LEAST ONE QUALIFIED SERVICE AGENCY.
14. INCLUDE ALL COSTS FOR EXCAVATION, SAW CUTTING, DIRECTIONAL BORING, CORE DRILLING, BACKFILLING, SURFACE RESTORATION, REPAIR OF FINISHES, ETC. THAT IS REQUIRED IN ORDER TO MEET THE PROJECT REQUIREMENTS.
15. INCLUDE IN BID ALL COSTS ASSOCIATED WITH TEMPORARY ELECTRICAL SERVICE AS REQUIRED FOR USE BY ALL TRADES DURING CONSTRUCTION. REMOVE TEMPORARY POWER AT THE COMPLETION OF THE PROJECT. OBTAIN AND PAY FOR ALL REQUIRED PERMITS FOR TEMPORARY POWER. ENGINEER OF RECORD SHALL BE PROVIDED WITH ADDITIONAL COMPENSATION FROM THE CONTRACTOR WHERE SIGNED & SEALED DRAWINGS ARE REQUESTED BY THE CONTRACTOR TO THE ENGINEER OF RECORD IF REQUIRED BY THE AHJ FOR THE TEMPORARY POWER.
16. LOCATE, IDENTIFY, PROTECT AND DOCUMENT ALL UTILITY LINES LOCATED WITHIN THE PROJECT BOUNDARY. FOR LOCATING SITE UTILITIES, CONTACT ALL LOCAL MUNICIPALITIES AND UTILITIES AT LEAST 48 HOURS PRIOR TO DIGGING.
17. INCLUDE IN BID THE TRANSPORT AND DISPOSAL OR RECYCLING OF ALL WASTE MATERIALS GENERATED BY THIS PROJECT IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL RULES, REGULATIONS AND GUIDELINES APPLICABLE. COMPLY FULLY WITH ALL APPLICABLE STATUTES REGARDING MERCURY-CONTAINING DEVICES, AND WITH ALL LOCAL, STATE AND FEDERAL APPLICABLE GUIDELINES AT THE TIME OF DISPOSAL. PROVIDE OWNER WITH WRITTEN CERTIFICATION OF ACCEPTED DISPOSAL.
18. PROVIDE A COMPLETE UL LISTED LIGHTNING PROTECTION SYSTEM WITH A MASTER LABEL FOR THE ENTIRE FACILITY PER THE REQUIREMENTS OF NFPA 780, AND THE DIVISION 26 SPECIFICATIONS, UNLESS NOTED OTHERWISE.
19. LIGHTNING PROTECTION SYSTEM SHALL INCLUDE BURIED COUNTERPOISE, UNLESS NOTED OTHERWISE.

COORDINATION:

1. VERIFY AND COORDINATE LOCATIONS OF ANY MISCELLANEOUS EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS (I.E., COPIERS, FAX MACHINES, PRINTERS, KITCHEN APPLIANCES, LAUNDRY APPLIANCES, PROJECTION SCREENS, SHOP TOOLS, MACHINE, ELEVATORS, ETC.) WITH APPROVED SHOP DRAWINGS, OWNER-PROVIDED CUT SHEETS, MANUFACTURER'S INSTRUCTIONS, AND EQUIPMENT NAMEPLATE INFORMATION, PRIOR TO ROUGH IN, AND PROVIDE ALL NECESSARY ELECTRICAL REQUIRED.
2. VERIFY AND COORDINATE LOCATIONS AND EXACT ELECTRICAL REQUIREMENTS FOR ALL MECHANICAL, PLUMBING AND FIRE PROTECTION EQUIPMENT PRIOR TO SUBMITTAL OF SHOP DRAWINGS OF ELECTRICAL EQUIPMENT. PROVIDE ALL NECESSARY RACEWAYS, CONDUCTORS, BOXES, EQUIPMENT, ACCESSORIES, ASSOCIATED DISCONNECT SWITCHES, CIRCUIT BREAKERS, CONTROL TRANSFORMERS, FIRE ALARM SHUTDOWN, ETC. REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM. COORDINATE WITH APPROPRIATE TRADE'S APPROVED SHOP DRAWINGS, MANUFACTURER'S INSTRUCTIONS, AND EQUIPMENT NAMEPLATE INFORMATION, PRIOR TO ROUGH IN, AND PROVIDE ALL NECESSARY ELECTRICAL REQUIRED, UNLESS NOTED OTHERWISE.
3. THIS PROJECT REQUIRES COORDINATION DRAWINGS BY THE CONTRACTOR. PARTICIPATE IN THE COORDINATION DRAWING PREPARATION PROCESS AND PROVIDE ALL NECESSARY INFORMATION REQUIRED TO COORDINATE ALL TRADE INFORMATION.
4. ALL WORK ON THE ELECTRICAL SYSTEM REQUIRED BY THE CONTRACT DOCUMENTS SHALL BE COORDINATED WITH THE WORK OF ALL OTHER DIVISIONS/TRADES PRIOR TO COMMENCEMENT OF WORK. AVOID INTERFERENCES WITH THE PROGRESS OF OTHER DIVISIONS/TRADES.
5. WHERE WALLS ARE OF TILT-UP OR PRE-CAST CONSTRUCTION, PROVIDE COORDINATION FOR EXACT DIMENSIONS AND OPENINGS REQUIRED FOR ALL ELECTRICAL COMPONENTS INSTALLED WITHIN SUCH WALLSDURING THE SHOP DRAWING REVIEW PROCESS OF THE WALLS, PRIOR TO CONSTRUCTION OF THE WALLS.
6. LOCATIONS OF VFD'S, DISCONNECTS, MOTOR STARTERS, ETC. FOR HVAC EQUIPMENT ARE DIAGRAMMATIC ON THE PLAN DRAWINGS. EXACT LOCATIONS ARE TO BE COORDINATED WITH CONTRACTOR'S COORDINATION DRAWINGS PRIOR TO ROUGH-IN TO ENSURE PROPER NEC CLEARANCES AND APPROPRIATE MOUNTING SURFACE.
7. REFER TO ARCHITECTURAL, MECHANICAL, PLUMBING, FIRE PROTECTION, CIVIL, LANDSCAPE, INTERIOR DESIGN, TECHNOLOGY, STRUCTURAL, AND VENDOR EQUIPMENT DRAWINGS FOR RELATED INFORMATION AND ADDITIONAL INSTALLATION REQUIREMENTS TO BE PERFORMED AS PART OF THE WORK.
8. WHERE A DISCREPANCY OR CONFLICT IS FOUND BETWEEN ONE DRAWING AND ANOTHER, OR BETWEEN A DRAWING AND APPLICABLE SPECIFICATIONS, NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY IN WRITTEN FORM. IN GENERAL, THE MOST STRINGENT REQUIREMENT SHALL GOVERN UNLESS THE DISCREPANCY CONFLICTS WITH APPLICABLE CODES OR OWNER'S DESIGN STANDARDS, WHEREIN THE CODE OR OWNER'S DESIGN STANDARDS SHALL GOVERN.
9. CAREFULLY EXAMINE THOSE PORTIONS OF THE BUILDING AND/OR SITE AFFECTED BY THIS WORK PRIOR TO SUBMITTING BID PRICE, SO AS TO BECOME FAMILIAR WITH EXISTING CONDITIONS AND DIFFICULTIES THAT MAY AFFECT EXECUTION OF THE WORK. SUBMISSION OF A BID PRICE SHALL BE CONSTRUED AS EVIDENCE THAT SUCH EXAMINATION HAS BEEN MADE. LATER CLAIMS FOR LABOR, EQUIPMENT AND/OR MATERIALS REQUIRED DUE TO DIFFICULTIES ENCOUNTERED THAT COULD HAVE BEEN REASONABLY OBSERVED WILL NOT BE RECOGNIZED.
10. COORDINATE ALL PROJECT SCHEDULING AND PHASING REQUIREMENTS WITH ARCHITECT/ENGINEER AND OWNER PRIOR TO SUBMITTING BID PRICE. THIS PROJECT MAY REQUIRE PHASING SEQUENCES AND POTENTIAL PREMIUM TIME WORK AND ALL COSTS FOR SUCH SHALL BE INCLUDED IN THE BID PRICE. PROVIDE ADEQUATE WORK FORCE AND EQUIPMENT, AND INCLUDE PREMIUM TIME AS MAY BE REQUIRED IN ORDER TO ADHERE TO THE PROJECT SCHEDULE. ADDITIONALLY, ENSURE THAT LONG LEAD ITEMS DO NOT IMPACT THE PROJECT'S SCHEDULE OR PHASING.
11. ANY TEMPORARY INTERRUPTION OF POWER REQUIRED FOR THE SYSTEM TIE-IN OR SWITCHOVER FOR ANY PORTION OF THE ELECTRICAL SYSTEM SHALL BE PRE-APPROVED IN WRITING BY THE OWNER AND SCHEDULED IN ADVANCE.
12. COORDINATE EXACT REQUIREMENTS WITH THE LOCAL UTILITY COMPANIES AND PROVIDERS (ELECTRIC, TELEPHONE, CABLE TV, ETC.) AND INCLUDE ALL COSTS FOR PROVIDING TEMPORARY AND PERMANENT SERVICES REQUIRED FOR THIS PROJECT IN THE BID PRICE. BID PRICE SHALL INCLUDE, BUT NOT BE LIMITED TO, EXCAVATION, RACEWAYS, BACKFILL, EQUIPMENT, EQUIPMENT PADS, BACKBOARDS, METERS, GROUNDING, UTILITY ENGINEERING AND IMPACT FEES.
13. CONDUCT WORK OPERATIONS AND DEBRIS REMOVAL IN A MANNER THAT ENSURES MINIMUM INTERFERENCE WITH NORMAL BUSINESS OPERATIONS, TRAFFIC, PARKING, ETC. ONGOING IN ADJACENT OCCUPIED SPACES OR FACILITIES. PROVIDE ALL THAT IS REQUIRED TO EFFECTIVELY PROTECT SURROUNDING OCCUPANTS, EQUIPMENT, FINISHES, FURNITURE, ETC. FROM DAMAGE OR EXCESSIVE NOISE THROUGHOUT THE DURATION OF THIS PROJECT. CONTRACTOR IS RESPONSIBLE FOR ANYLOSSES OR ANY DAMAGE RESULTING FROM THE FAILURE TO ADHERE TO THIS REQUIREMENT. RESTORE DAMAGED ELEMENTS TO ORIGINAL CONDITION TO THE SATISFACTION OF THE ARCHITECT/ENGINEER AND OWNER, AT NO ADDITIONAL COSTS. REPORT OF ANY SUCH OCCURRENCE TO THE ARCHITECT/ENGINEER AND OWNER IMMEDIATELY AND AWAIT WRITTEN DIRECTION PRIOR TO PROCEEDING WITH REPAIRS.
14. COORDINATE THE LOCATION OF ALL LIGHT FIXTURES, DEVICES AND BOXES WITH WINDOWS, MIRRORS, MILLWORK, CABINETS, GLASS CURTAIN WALLS, AND GLASS WALLS PRIOR TO INSTALLATION OF CONDUITS OR BOXES. REVIEW ALL CONTRACT DRAWINGS TO ASCERTAIN ANY CONFLICTS PRIOR TO BIDDING. OBTAIN CLARIFICATION FROM THE ARCHITECT/ENGINEER PRIOR TO BID. CONTRACTOR SHALL NOT BE ENTITLED TO ADDITIONAL COMPENSATION FOR WORK REQUIRED TO RELOCATE OUTLET BOXES OR RACEWAYS FOR COORDINATION WITH OTHER TRADE'S WORK.

GROUNDING

1. FIRE PROTECTION PIPING SHALL NOT BE USED FOR GROUNDING.
2. ALL FEEDERS AND BRANCH CIRCUITS SHALL INCLUDE AN EQUIPMENT GROUND CONDUCTOR. METAL RACEWAYS SHALL NOT BE USED AS THE SOLE EQUIPMENT GROUND.
3. WHERE A PHASE CONDUCTOR IS INCREASED IN SIZE DUE TO VOLTAGE DROP, THE EQUIPMENT GROUND CONDUCTOR SHALL BE INCREASED IN SIZE PROPORTIONATELY.
4. PROVIDE A GROUND BUS BAR IN EACH ELECTRICAL ROOM AND TELECOMMUNICATIONS / IDF/ MDF ROOM FOR ALL NEW CONSTRUCTION AND NEW ROOMS IN EXISTING CONSTRUCTION, AND IN EXISTING CONSTRUCTION WHERE THERE IS NONE INSTALLED WITHIN AN EXISTING ROOM.

ELECTRICAL EQUIPMENT

1. EQUIPMENT SHALL BE OF MATERIALS SUITABLE FOR AND RATED FOR THE ENVIRONMENT IN WHICH THEY ARE TO BE INSTALLED. ALL COMPONENTS OF THE ELECTRICAL SYSTEM LOCATED OUTDOORS OR INDOORS WHERE EXPOSED TO SIGNIFICANT MOISTURE SHALL BE WEATHERPROOF, NEMA 3R, AS A MINIMUM, WHETHER INDICATED ON THE CONTRACT DRAWINGS OR NOT.
2. TERMINATION PROVISIONS FOR ALL ELECTRICAL EQUIPMENT (PANELBOARDS, SWITCHBOARD, TRANSFORMERS, DISCONNECT SWITCHES, MOTOR CONTROLLERS, AUTOMATIC TRANSFER SWITCHES, ENCLOSED CIRCUIT BREAKERS, BUSWAYS, ETC.) SHALL BE LISTED AND IDENTIFIED FOR USE WITH MINIMUM 75 DEG. F CONDUCTORS IN ACCORDANCE WITH NEC.
3. WORKING CLEARANCES FOR ELECTRICAL EQUIPMENT SHALL BE IN COMPLIANCE WITH NEC.
4. THE ELECTRICAL DEDICATED EQUIPMENT SPACE EXTENDING FROM FLOOR TO 6' ABOVE ELECTRICAL EQUIPMENT OR TO THE STRUCTURAL CEILING, WHICHEVER DISTANCE IS LOWER, WITH A WIDTH AND DEPTH OF THE PANELBOARD OR SWITCHBOARD MUST BE CLEAR OF ALL PIPING, DUCTS, ARCHITECTURAL APPURTENANCES AND OTHER EQUIPMENT FOREIGN TO THE ELECTRICAL INSTALLATION IN ACCORDANCE WITH NEC.
5. PROVIDE A REINFORCED CONCRETE PAD, SIZED 4" LARGER IN ALL DIRECTIONS THAN THE FOOTPRINT OF THE EQUIPMENT, AND 4" HIGH, FOR ALL FREESTANDING, FLOOR-MOUNTED ELECTRICAL EQUIPMENT. PROVIDE VIBRATION ISOLATORS AND/OR ANCHORS PER MANUFACTURER'S INSTRUCTIONS.
6. PROVIDE HACR RATED CIRCUIT BREAKER FOR ALL HVAC EQUIPMENT.
7. ALL PANELBOARDS OR DISCONNECT SWITCHES LOCATED IN KITCHEN AREAS SHALL BE STAINLESS STEEL (COVER AND DOOR WHERE PANEL IS FLUSH MOUNTED; PANEL BOX, COVER & DOOR WHERE SURFACE MOUNTED).
8. PROVIDE SURGE PROTECTION DEVICE FOR ALL MAIN SERVICE EQUIPMENT, PANELBOARDS SERVING SENSITIVE ELECTRONIC EQUIPMENT (DATA RACKS) OR COMPUTERS, EMERGENCY SWITCHBOARDS AND PANELBOARDS, LIGHTING PANELS SERVING EXTERIOR LIGHTING, POWER CIRCUITS OR LOW VOLTAGE (FIRE ALARM, TELECOMMUNICATIONS) EXITING THE BUILDING. PROVIDE MINIMUM 30A/3P BREAKER IN BRANCH CIRCUIT PANELBOARDS AND 60A/3P IN DISTRIBUTION PANELBOARDS OR SWITCHBOARDS, UNLESS NOTED OTHERWISE, OR PER THE SPD MANUFACTURER'S RECOMMENDATIONS FOR SURGE PROTECTION DEVICE.
9. PROVIDE ARC ENERGY REDUCING MAINTENANCE SWITCH FOR ANY BREAKER RATED (OR ABLE TO BE ADJUSTED TO) 1200A OR HIGHER UNLESS OTHER ARC ENERGY REDUCTION MEANS MEETING NEC 240.87 IS INDICATED ON DRAWINGS/SPECIFICATIONS OR OTHERWISE PROVIDED.
10. FOR ANY PROJECT THAT INCLUDES MULTIPLE ELEVATORS OR THE INSTALLATION/MODIFICATION OF EMERGENCY POWER DISTRIBUTION SYSTEMS (INCLUDING LEGALLY REQUIRED STANDBY SYSTEMS) THE OVERCURRENT PROTECTION DEVICES ASSOCIATED WITH THOSE SYSTEMS SHALL BE SELECTIVELY COORDINATED AS REQUIRED BY THE NEC. PROVIDE DOCUMENTATION TO DEMONSTRATE THE SELECTIVE COORDINATION OF THE DISTRIBUTION SYSTEM TO THE ENGINEER/AHJ. AN OVERCURRENT PROTECTIVE DEVICE COORDINATION STUDY SHALL BE SUBMITTED AT THE SAME TIME AS THE SUBMITTALS FOR ANY EQUIPMENT CONTAINING OVERCURRENT PROTECTION DEVICES. CONTRACTOR SHALL SUBMIT OVERCURRENT PROTECTIVE DEVICE SETTINGS FOR ALL ADJUSTABLE BREAKERS AND SHALL ENSURE ALL DEVICES ARE ADJUSTED TO MATCH APPROVED SETTINGS.

ELECTRICAL DEVICES OUTLET BOXES, JUNCTION BOXES

1. LIGHT SWITCHES SHALL BE MOUNTED 48 INCHES ABOVE FINISHED FLOOR TO CENTER LINE OF DEVICE, UNLESS NOTED OTHERWISE.
2. RECEPTACLES, VOICE/DATA OUTLETS AND WALL FURNITURE FEEDS SHALL BE MOUNTED 18 INCHES ABOVE FINISHED FLOOR TO CENTER LINE OF DEVICE, UNLESS NOTED OTHERWISE. ABOVE COUNTER RECEPTACLES SHALL BE MOUNTED 6" ABOVE BACK SPLASH TO CENTERLINE OF DEVICE, UNLESS NOTED OTHERWISE.
3. IT IS THE INTENT THAT ALL DEVICE OUTLET BOXES (POWER AND SYSTEMS) BE FLUSH MOUNTED IN WALLS, CEILINGS OR FLOORS, AND JUNCTION BOXES FLUSH MOUNTED IN WALLS, CEILINGS, OR FLOORS, OR CONCEALED ABOVE ACCESSIBLE CEILINGS, AND NOT SURFACE MOUNTED, UNLESS SPECIFICALLY NOTED ON THE CONTRACT DRAWINGS, OR UNLESS THE ARCHITECT/ENGINEER GRANTS WRITTEN PERMISSION.
4. ALL COMPONENTS OF THE ELECTRICAL SYSTEM (INCLUDE RACEWAYS, ELECTRICAL EQUIPMENT, OUTLET BOXES, JUNCTION BOXES, ETC.) LOCATED IN A HAZARDOUS (CLASSIFIED) LOCATION SHALL BE APPROVED FOR USE IN SAID LOCATION, AS DEFINED BY THE NEC, WHETHER INDICATED ON THE CONTRACT DOCUMENTS OR NOT.
5. ALL DEVICES SHALL BE MOUNTED VERTICALLY, UNLESS NOTED OTHERWISE.
6. ALL RECEPTACLES SHALL BE MOUNTED SUCH THAT THE GROUND PIN IS MOUNTED UP.
7. WHERE DEVICES ARE SHOWN IN WALLS BACK-TO-BACK ON OPPOSITE SIDES, INSTALL SO THAT THEY ARE SEPARATED BY AT LEAST 12".
8. RECEPTACLES OR JUNCTION BOXES FOR ELECTRIC WATER COOLERS AND VENDING MACHINES SHALL BE LOCATED DIRECTLY BEHIND SAID APPLIANCE, CONCEALED FROM DIRECT VIEW. RECEPTACLES AND/OR HARD WIRED EQUIPMENT CONNECTIONS SHALL BE PROTECTED BY A READILY ACCESSIBLE GFCI FEED-THRU DEVICE LOCATED IMMEDIATELY ADJACENT TO THE APPLIANCE OR BE PROTECTED BY GFCI BREAKER IN THE PANELBOARD. ALL GFCI DEVICES MUST BE READILY ACCESSIBLE PER THE NEC.
9. ALL EXTERIOR RECEPTACLES OR RECEPTACLES LOCATED IN AREAS SUBJECT TO MOISTURE (PARKING GARAGE, WASHDOWN AREAS IN KITCHEN, ETC) SHALL BE GFCI TYPE. ALL EXTERIOR RECEPTACLES SHALL WE PROVIDED WITH CAST METAL, IN-USE COVER UNLESS NOTED OTHERWISE.
10. ALL RECEPTACLES LOCATED IN KITCHENS, BATHROOMS, MECHANICAL ROOMS, JANITOR CLOSETS, ELEVATOR SHAFTS, ELEVATOR EQUIPMENT ROOMS, FOR ELEVATOR SUMP PUMP(S) OR INSTALLED WITHIN 6' OF THE INSIDE FACE OF A SINK, SHALL BE GFCI TYPE OR GFCI PROTECTED.
11. NOT USED.
12. WHEN ELECTRICAL BOXES ARE LOCATED IN VERTICAL FIRE-RESISTIVE ASSEMBLIES, THEY SHALL BE INSTALLED WITHOUT AFFECTING THE FIRE CLASSIFICATION. ALL OF THE FOLLOWING CONDITIONS SHALL BE MET:
    - A. ALL ELECTRICAL BOXES SHALL BE METALLIC.
    - B. BOX OPENING SHALL OCCUR ONLY ON ONE SIDE OF FRAMING SPACE.
    - C. BOX OPENING SHALL NOT EXCEED 16 SQUARE INCHES.
    - D. ALL CLEARANCES BETWEEN OUTLET BOX AND GYPSUM BOARD SHALL BE COMPLETELY FILLED WITH JOINT COMPOUND (OR OTHER APPROVED MATERIAL).
    - E. PROVIDE A WALL AROUND OUTLETS LARGER THAN 16 SQUARE INCHES. THE INTEGRITY OF THE WALL RATING SHALL BE MAINTAINED.
    - F. THE TOTAL AGGREGATE SURFACE AREA OF THE BOXES SHALL NOT EXCEED 100 SQUARE INCHES PER 100 SQUARE FEET.
    - G. OUTLET BOXES LOCATED ON OPPOSITE SIDES OF FIRE RESISTIVE ASSEMBLIES SHALL BE SEPARATED BY A MINIMUM HORIZONTAL DISTANCE OF 24 INCHES.
    - H. OUTLET BOXES SHALL BE SECURELY FASTENED TO WALL FRAMING MEMBERS.
    - I. THE OPENING IN THE GYPSUM BOARD FACING SHALL BE CUT NOT TO EXCEED 1/8 INCH BETWEEN THE EDGES OF THE OUTLET BOX AND THE EDGES OF THE OPENING.

RACEWAYS

1. FLEXIBLE METAL CONDUIT AND LIQUIDTIGHT FLEXIBLE METAL CONDUIT (FMC & LFMC) SHALL NOT BE USED IN LENGTHS THAT EXCEED 6'-0" UNLESS SPECIFICALLY NOTED OTHERWISE, OR UNLESS THE ARCHITECT/ENGINEER GRANTS WRITTEN PERMISSION.
2. ALL FEEDER AND BRANCH CIRCUIT CONDUCTORS, INCLUDING LOW VOLTAGE SYSTEMS, SHALL BE INSTALLED IN A COMPLETE RACEWAY SYSTEM (CONDUIT) UNLESS SPECIFICALLY NOTED OTHERWISE.
3. THE USE OF ELECTRICAL NON-METALLIC TUBING (ENT) AND LIQUIDTIGHT FLEXIBLE NON-METALLIC CONDUIT (LFNC) ARE PERMISSION.
4. CONNECTIONS TO TRANSFORMERS, AHU'S, AND PUMPS SHALL BE WITH LIGUIDTIGHT, FLEXIBLE METAL CONDUIT.
5. NO PVC CONDUIT MAY BE USED INSIDE OF BUILDING UNLESS ROUTED UNDERGROUND, AND UNLESS NOTED OTHERWISE.
6. ALL CONDUIT TERMINATIONS AT TERMINAL BOARDS ARE TO HAVE GROUNDING BUSHINGS AT CONDUIT ENDS.
7. ALL CONDUITS ARE TO BE CONCEALED UNLESS IMPOSSIBLE DUE TO EXISTING CONDITIONS (I.E., EXPOSED CEILINGS, BUILDING EXTERIOR WALL RUNS). CONCEAL ALL CONDUITS ABOVE CEILINGS OR IN WALLS AND MILLWORK. WHERE EXISTING CONDITIONS DICTATE THAT CONDUITS CANNOT BE CONCEALED, NOTIFY ARCHITECT/ENGINEER PRIOR TO INSTALLING CONDUIT FOR RESOLUTION TO ROUTING.
8. SEAL ALL PENETRATIONS AND OPENINGS MADE DURING EXECUTION OF WORK IN FIRE-RATED AND SMOKE-RATED WALLS. WALLS SHALL BE SEALED WITH UL-APPROVED PRODUCT WITH THE SAME OR GREATER RATING OF WALL PENETRATED.
9. PROVIDE ALL PENETRATIONS THROUGH FLOORS, WALLS, CEILINGS AND ROOFS WHERE REQUIRED. COORDINATE LOCATIONS AND SIZES WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS, FIELD CONDITIONS AND WORK OF ALL OTHER DIVISIONS/TRADES. ALL OPENINGS ARE TO BE SEALED WATERTIGHT.
10. ALL RACEWAYS THAT TURN UP THROUGH THE SLAB OR INTO ELECTRICAL EQUIPMENT FROM UNDERGROUND SHALL BE RIGID GALVANIZED STEEL (RGS) WITH BITUMASTIC COATING FOR AT LEAST THE FINAL 18" LENGTH. THE USE OF NON-METALLIC CONDUIT ABOVE GRADE IS PROHIBITED.
11. PANEL SCHEDULES AND FLOOR PLANS MAY INDICATE DEDICATED HOMERUNS FOR EACH BRANCH CIRCUIT. PROVIDE DEDICATED NEUTRALS FOR ALL BRANCH CIRCUITS. BRANCH CIRCUITS MAY BE GROUPED IN A COMMON HOMERUN WHERE THE HOMERUN DOES NOT EXCEED 3 PHASE CONDUCTORS, 3 NEUTRAL CONDUCTORS, AND 1 EQUIPMENT GROUND. THE HOMERUN RACEWAY SIZE AND CONDUCTOR SIZE SHALL BE INCREASED AS NECESSARY TO COMPLY WITH THE NEC FOR 40% MAXIMUM FILL AND DERATING REQUIREMENTS.
12. PROVIDE SEAL OFF FITTINGS, APPROVED FOR SUCH USE, WHERE RACEWAYS PENETRATE BETWEEN A DRY, CONDITIONED ENVIRONMENT AND THE EXTERIOR OR OTHER WET ENVIRONMENTS AND ADDITIONAL AREAS WHERE CONDUITS PASS FROM WARM TO COLD LOCATIONS SUCH AS WALK-IN COOLERS OR FREEZERS, BOILER ROOMS, ETC.
13. PROVIDE POLYOLEFIN JET-LINE #232 (NYLON PULL STRING) IN EACH EMPTY CONDUIT WITH ENGRAVED METAL TAG INDICATING CONDUIT DESIGNATION.
14. ALL HOMERUNS SHALL BE IN 3/4" RACEWAY MINIMUM. 1/2" RACEWAY IS ACCEPTABLE FOR A SINGLE CIRCUIT FROM THE HOMERUN TO REMAINING DEVICES.
15. CONDUIT SHALL USE SET SCREW TYPE FITTINGS OR COMPRESSION FITTINGS.
16. RACEWAYS SHALL NOT BE PERMITTED TO BE INSTALLED WITHIN SLABS.

CONDUCTORS

1. ALL WIRE SHALL BE SIZED AS SHOWN ON THE DRAWINGS. IF NO WIRE SIZE IS SHOWN, THEN WIRE SHALL BE #12 AWG.
2. BRANCH CIRCUITS SHALL BE INCREASED IN SIZE AS REQUIRED TO COMPENSATE FOR VOLTAGE DROP FROM LENGTH OF CIRCUIT DUE TO FIELD ROUTING. FINAL INSTALLATION SHALL NOT EXCEED A MAXIMUM OF 3% VOLTAGE DROP FOR BRANCH CIRCUITS. REFER TO VOLTAGE DROP TABLE BELOW FOR CONDUCTOR SIZES FOR BRANCH CIRCUITS AS FOLLOWS:
    - A. 120V, 20A CIRCUITS SHALL BE:
        - i. #12 FROM 0-70 FT
        - ii. #10 FROM 71-115FT
        - iii. #8 FROM 116-180FT
    - B. 277V, 20A CIRCUITS SHALL BE:
        - i. #12 FROM 0-140FT
        - ii. #10 FROM 141-220FT
        - iii. #8 FROM 221-350FT

    ANYTHING LONGER THAN THE ABOVE SHALL BE SUBMITTED TO THE ENGINEER WITH CALCULATIONS FOR APPROVAL.
3. ALL CONDUCTORS IN CABINETS MUST BE CAREFULLY FORMED AND HARNESSED SO THAT EACH CONDUCTOR DROPS OFF DIRECTLY OPPOSITE TO TERMINAL.
4. ALL WIRE SIZES ARE BASED ON AMPACITIES FOR 60 DEG F TEMPERATURE RATING FROM 0-100A AND 75 DEG. F TEMPERATURE RATING LISTED IN NEC FOR 100A AND ABOVE.
5. ALL CONDUCTORS SHALL BE COPPER, THHN/THWN; SOLID FOR #10 AWG AND SMALLER; STRANDED FOR #8 AWG AND LARGER.
6. CONDUCTORS USED IN WET LOCATIONS, INCLUDING BUT NOT LIMITED TO UNDERGROUND CONDUITS/ DUCTBANKS AND EXTERIOR CONDUITS SHALL COMPLY WITH NEC 310.10 AND BE LISTED FOR USE IN WET LOCATIONS.
7. ALL POWER CIRCUITS HAVE BEEN DESIGNED TO MEET 2% OR LESS VOLTAGE DROP FOR FEEDERS, AND 3% OR LESS VOLTAGE DROP FOR BRANCH CIRCUITS.

IDENTIFICATION

1. PROVIDE TYPED PANEL DIRECTORIES FOR ALL NEW PANELBOARDS, AND EXISTING PANELBOARDS AFFECTED BY THIS PROJECT. DIRECTORIES SHALL REFLECT PROJECT AS- BUILT CONDITIONS FOR ALL BRANCH CIRCUITS. DIRECTORIES SHALL INCLUDE WHERE EACH PANEL IS FED FROM. ADDITIONALLY, EACH BRANCH CIRCUIT LOAD DESCRIPTION SHALL INCLUDE THE ROOM NUMBER(S) FOR EACH LOAD (I.E., RECEPTACLES-RMS 501,503). ROOM NUMBERS SHALL BE BASED ON ACTUAL ROOM SIGNAGE INSTALLED IN FIELD. COORDINATE EXACT ROOM NUMBERS WITH ARCHITECT/ENGINEER AND OWNER PRIOR TO COMPLETION OF PANELDIRECTORIES.
2. PROVIDE ENGRAVED PLASTIC LAMINATE NAME TAGS ON EACH SWITCHBOARD, SWITCHGEAR, DISTRIBUTION PANEL, PANELBOARD, MOTOR CONTROL CENTER, SAFETY SWITCH, ENCLOSED CIRCUIT BREAKER, CABINET, STEP-DOWN TRANSFORMER, TRANSFER SWITCH, ETC., AND ANY OTHER MAJOR COMPONENT OF THE ELECTRICAL SYSTEM.
3. PROVIDE ENGRAVED PLASTIC LAMINATE NAME TAGS FOR EACH DISTRIBUTION BREAKER OR BRANCH CIRCUIT BREAKER IN SWITCHGEAR, SWITCHBOARDS, MOTOR CONTROL CENTERS AND OTHER DISTRIBUTION EQUIPMENT. NAME TAG SHALL INCLUDE LOAD DESCRIPTION AND ROOM NUMBER FOR EACH LOAD.
4. ARC FLASH DANGER/WARNING LABELS SHALL BE APPLIED TO SWITCHBOARD, PANELBOARDS, AND EQUIPMENT CONTROLLERS PER NEC.
5. PROVIDE LABELS ON THE INSIDE OF EACH DEVICE COVERPLATE, IDENTIFYING THE PANEL(S)/ CIRCUIT NUMBER(S) DEVICE IS CONNECTED TO.
6. PROVIDE NEATLY, HANDWRITTEN IDENTIFICATION ON THE EXTERIOR COVER OF ALL JUNCTION BOXES, PULLBOXES AND WIREWAYS, IDENTIFYING THE PANEL(S)/ CIRCUIT NUMBER(S) CONTAINED WITHIN.
7. PROVIDE A PERMANENT SIGN ON THE MAIN ELECTRICAL ROOM DOOR TO THE BUILDING STATING THAT THE MAIN SERVICE DISCONNECTING MEANS IS LOCATED INSIDE.
8. PROVIDE A PERMANENT LABEL ON ALL PANELBOARDS, SWITCHBOARDS, SWITCHGEAR, MOTOR CONTROL CENTERS AND DISTRIBUTION PANELS STATING "DO NOT WORK ON EQUIPMENT WHILE ENERGIZED. LOCK- OUT TAG-OUT REQUIRED".
9. PROVIDE REQUIRED IDENTIFICATION PER ANSI STANDARDS, NEC REQUIREMENTS, AND OWNER'S PUBLISHED DESIGN STANDARDS WHERE APPLICABLE.
10. PROVIDE ENGRAVED PHENOLIC LABEL ON ALL NEW SERVICE EQUIPMENT TO INDICATE THE MAXIMUM AVAILABLE FAULT CURRENT AND THE DATE THE FAULT CURRENT CALCULATION WAS PERFORMED. PROVIDE LABEL ON ALL EXISTING SERVICE EQUIPMENT WHEN MODIFICATIONS OCCUR THAT AFFECT THE MAXIMUM AVAILABLE FAULT CURRENT AT THE SERVICE.
11. PROVIDE ARC FLASH HAZARD ANALYSIS PER NFPA 70E FOR ANY EQUIPMENT INCLUDED WITHIN THE SCOPE OF WORK. INCIDENT ENERGY VALUES SHALL BE INCLUDED ON THE ARC FLASH WARNING LABELS FOR EACH EQUIPMENT .

LIGHTING:

1. LIGHT FIXTURES SUPPORTED BY CEILING GRID SHALL BE SUPPORTED AS FOLLOWS: LIGHT FIXTURES WEIGHING LESS THAN 10 POUNDS SHALL HAVE 12-GAUGE HANGER WIRE CONNECTED FROM THE LIGHT FIXTURE TO THE STRUCTURE ABOVE. LIGHT FIXTURES WEIGHING 10 POUNDS OR MORE SHALL HAVE (2) 12-GAUGE HANGER WIRES ATTACHED AT OPPOSITE CORNERS OF THE LIGHT FIXTURE TO THE STRUCTURE ABOVE.
2. COORDINATE EXACT LOCATIONS OF LIGHT FIXTURES IN LAY-IN AND GYPBOARD CEILINGS WITH ARCHITECTURAL REFLECTED CEILING PLANS, AND WALL MOUNTED EXTERIOR AND INTERIOR LIGHT FIXTURES WITH ARCHITECTURAL ELEVATIONS PRIOR TO INSTALLATION. WHERE THE QUANTITY OF LIGHTS DIFFERS BETWEEN THE ARCHITECTURAL RCP AND THE ELECTRICAL LIGHTING PLANS, PROVIDE THE HIGHEST QUANTITY OF FIXTURES IN THE BID PRICE. THE DISCREPANCY IN QUANTITY SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER. THE HIGHEST QUANTITY SHALL BE CIRCUITED TO THE LOCAL ROOM OR AREA LIGHTING CIRCUITS AND LIGHTING CONTROL DEVICES, UNLESS OTHERWISE DIRECTED IN WRITING BY THE ARCHITECT/ENGINEER.
3. VERIFY ACTUAL CEILING CONSTRUCTION TYPE AS DEFINED ON THE ARCHITECTURAL DRAWINGS AND FURNISH ALL LIGHT FIXTURES WITH THE CORRECT MOUNTING DEVICES WHETHER OR NOT SUCH VARIATIONS ARE INDICATED BY THE LIGHT FIXTURE CATALOG NUMBER. VERIFY THE DEPTH OF ALL RECESSED LIGHT FIXTURES WITH THE ARCHITECTURAL DRAWINGS PRIOR TO ORDERING LIGHT FIXTURES. ANY DISCREPANCIES THAT WOULD CAUSE THE RECESSED LIGHT FIXTURES NOT TO FIT INTO CEILING SHALL BE REPORTED TO ARCHITECT/ENGINEER PRIOR TO ORDERING.
4. LIGHT FIXTURES RECESSED IN FIRE-RATED CEILINGS SHALL BE PROVIDED WITH APPROVED FIRE-RATED ENCLOSURE WITH A FIRE RATING EQUAL TO THAT OF THE CEILING. PROVIDE A MINIMUM OF 3" CLEARANCE FROM SIDES AND TOP OF RECESSED LIGHT FIXTURES.
5. MODIFY ALL LIGHT FIXTURE CATALOG NUMBERS AS REQUIRED TO COORDINATE WITH THE LIGHTING BRANCH CIRCUIT VOLTAGES INDICATED. COORDINATE THE CATALOG NUMBERS WITH THE EXACT FIXTURE MOUNTING AND TRIM REQUIRED BY THE CEILING IN WHICH EACH FIXTURE IS BEING INSTALLED.
6. ALL LIGHT FIXTURES SHALL BE PROVIDED COMPLETE WITH LAMPS, UNLESS OTHERWISE NOTED.
7. ALL EXIT LIGHTS, LIGHT FIXTURES INDICATED WITH UNSWITCHED CIRCUIT (NIGHTLIGHT N/L), EMERGENCY TWIN-HEAD FIXTURES WITH INTEGRAL BATTERY PACKS, AND BATTERY PACKS INTEGRAL TO LIGHT FIXTURES, SHALL BE WIRED AHEAD OF ANY LOCAL SWITCHING OR LIGHTING CONTROLS.
8. PROVIDE UL WET LABEL OR IP67 RATED LIGHT FIXTURES FOR ALL FIXTURES LOCATED OUTSIDE OR IN PARKING GARAGES, IN SHOWERS, OR OPEN STRUCTURES.
9. EXTERIOR LIGHTING BALLASTS/DRIVERS SHALL HAVE A MINIMUM STARTING TEMPERATURE OF -40 DEGREE C, AND A NORMAL AMBIENT OPERATING TEMPERATURE OF 40 DEGREE C.
10. PROVIDE FUSING FOR ALL EXTERIOR LIGHT FIXTURES, OR FIXTURES IN PARKING GARAGES OR OPEN STRUCTURES.
11. PROVIDE ALL TEMPORARY NORMAL LIGHTING, EMERGENCY LIGHTING AND EXIT SIGNS REQUIRED DURING THE PROJECT CONSTRUCTION PHASE.
12. COORDINATE EXACT FOUNDATION AND/OR COMPACTING REQUIREMENTS FOR ALL POLE MOUNTED LIGHT FIXTURES WITH MANUFACTURER'S AND/OR INSTALLER'S STRUCTURAL ENGINEER. POLE BASES SHALL MEET OR EXCEED ALL WIND LOAD RATINGS, GUST FACTORS, IMPORTANCE FACTORS, ETC. REQUIRED BY NATIONAL AND/OR LOCAL CODES. SHOP DRAWINGS SHALL INCLUDE STRUCTURAL DRAWINGS FOR ALL POLE BASES, POLE, ASSEMBLY AND OVERTURN CALCULATIONS REQUIRED IN THIS PROJECT, SIGNED AND SEALED BY A PROFESSIONAL STRUCTURAL ENGINEER REGISTERED IN THE PROJECT STATE.
13. REFER TO LIGHT FIXTURE SCHEDULE FOR LIGHT FIXTURE TYPES, DESCRIPTIONS, CATALOG NUMBERS AND ADDITIONAL INFORMATION PERTINENT TO THE LIGHT FIXTURE OR INSTALLATION THEREOF.
14. COORDINATE LIGHT FIXTURE TRIM TYPE AND FINISH COLOR WITH ARCHITECT PRIOR TO ORDERING.
15. EACH LIGHTING CIRCUIT SHALL BE PROVIDED WITH A DEDICATED NEUTRAL.
16. PROVIDE LIGHTING CONTROLS TO AUTOMATICALLY SHUTOFF BUILDING FACADE AND LANDSCAPE LIGHTING AS A FUNCTION OF DAWN/DUSK AND OPENING/CLOSING TIME.
17. PROVIDE LIGHTING CONTROLS TO AUTOMATICALLY REDUCE THE CONNECTED LIGHTING POWER OF EXTERIOR SITE/AREA LIGHTING BY NOT LESS THAN 30 PERCENT FROM NOT LATER THAN MIDNIGHT TO 6AM, FROM ONE HOUR AFTER BUSINESS CLOSING TO ONE HOUR BEFORE BUSINESS OPENING OR DURING ANY PERIOD WHEN ACTIVITY HAS BEEN DETECTED FOR A TIME OF LONGER THAN 15 MINUTES.
18. WHERE THERE IS NO EMERGENCY GENERATOR/ LIFE SAFETY DISTRIBUTION BRANCH AVAILABLE, PROVIDE INTEGRAL BATTERY PACKS, RATED FOR A MINIMUM OF 90 MINUTES, FOR FIXTURES SHOWN WITH SOLID SHADING AND/OR WITH "E" AFTER FIXTURE TAG, AND FOR ALL EXIT LIGHTS, OR UNLESS NOTED OTHERWISE.

MISCELLANEOUS CIRCUIT INSTALLATION REQUIREMENTS:

1. PROVIDE 120V 20A 5-20R RECEPTACLE AT ALL FAN COIL UNITS FOR CONDENSATE PUMP POWER AND HOT WATER RECIRCULATING PUMPS, WHETHER SHOWN ON PLANS OR NOT. RECEPTACLE IS TO BE CONNECTED TO NEAREST 120V RECEPTACLE CIRCUIT.
2. PROVIDE 120V CONNECTION TO ALL MOTORORIZED DAMPERS INDICATED ON MECHANICAL PLANS, WHETHER SHOWN ON DIVISION 26 DRAWINGS OR NOT. FIRE/SMOKE DAMPER CIRCUITS ARE TO BE PROVIDED AS SHOWN ON FIRE SMOKE DAMPER DETAIL ON THE DETAILS SHEET.
3. COORDINATE RECEPTACLE LOCATIONS WITH TECHNOLOGY DRAWINGS OR OWNER'S VENDOR DRAWINGS SO THAT A 120V 20A 5-20R RECEPTACLE IS LOCATED ADJACENT TO EACH VOICE/DATA OUTLET AND TV OUTLET INDICATED ON PLANS. RECEPTACLE IS TO BE CONNECTED TO NEAREST 120V RECEPTACLE CIRCUIT, UNLESS OTHERWISE NOTED ON PLANS.

TECHNOLOGY REQUIREMENTS :

1. THE INFRASTRUCTURE FOR THE ACCESS CONTROL/ CCTV OR SECURITY ELECTRONICS SYSTEM (CONDUITS, ELECTRICAL BOXES) SHALL BE INSTALLED BY DIVISION 26. THE ACCESS CONTROL/ CCTV OR SECURITY ELECTRONICS SYSTEM CONTRACTOR SHALL PROVIDE AND INSTALL THE WIRE AND CABLE FOR THE SYSTEM AND ALL REQUIRED EQUIPMENT. INSTALLATION OF THE CONDUITS AND ELECTRICAL BOXES SHALL BE UNDER THE DIRECT SUPERVISION OF THE ACCESS CONTROL/ CCTV SYSTEM CONTRACTOR. COORDINATE EXACT LOCATIONS OF DEVICES, RACEWAY LOCATIONS, SIZES AND QUANTITY, AND CONDUIT STUB-UPS PRIOR TO ROUGH IN.
2. THE INFRASTRUCTURE FOR THE VOICE/DATA TELECOMMUNICATIONS SYSTEM (CONDUITS, ELECTRICAL BOXES) SHALL BE INSTALLED BY DIVISION 26. THE TELECOMMUNICATIONS CONTRACTOR SHALL PROVIDE AND INSTALL THE WIRE AND CABLE FOR THE SYSTEM AND ALL REQUIRED EQUIPMENT AND COMPONENTS. INSTALLATION OF THE CONDUITS AND ELECTRICAL BOXES SHALL BE UNDER THE DIRECT SUPERVISION OF THE TELECOMMUNICATIONS CONTRACTOR. COORDINATE EXACT LOCATIONS OF DEVICES, RACEWAY LOCATIONS, SIZES AND QUANTITY, AND CONDUIT STUB-UPS PRIOR TO ROUGH-IN.

springline architects
— A NOVUSARCHITECTS Company

INPROGRESS DOCUMENTS
FOR INTERIM REVIEW ONLY.
NOT FOR REGULATORY APPROVAL,
PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Schematic	
B	30% CDs	04-03-2026
C	60% CDs	
D	90% CDs	
E	100% CDs	

Knud Hansen DOH Tower
470-23-50
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

ELECTRICAL GENERAL NOTES

NOT FOR CONSTRUCTION

REVISIONS:

No.	Description	Date

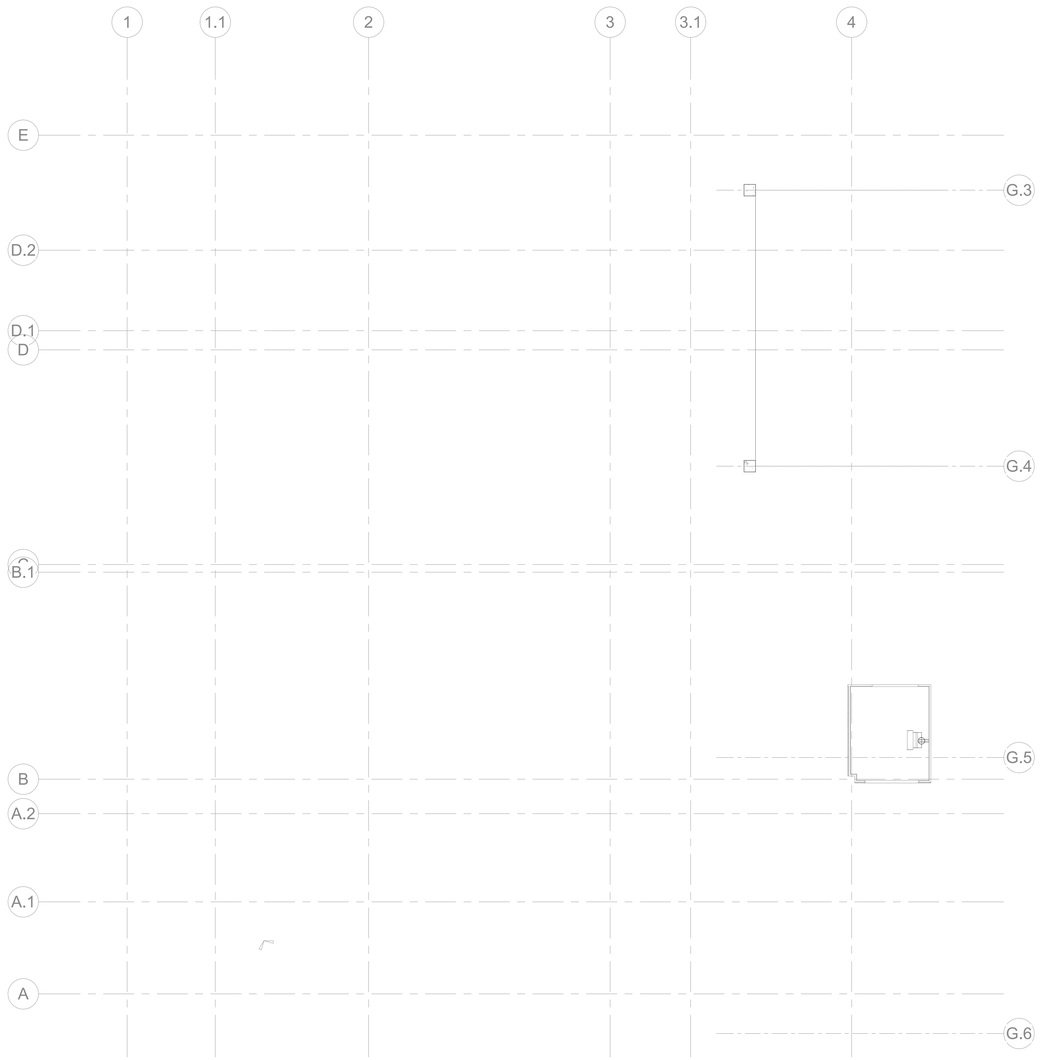
DRAWN BY: KRM
CHECKED BY: SBC
DATE: 4/6/2026

SLA JOB NUMBER
470-23-50

ODR PROJECT NUMBER
010-8-101472

SHEET NUMBER
E002

30% CDS



1 LOWER LEVEL POWER PLAN

E101 1/8" = 1'-0"

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.

springline architects
— A NOVUS ARCHITECTS Company

IN PROGRESS DOCUMENTS
FOR: INTERIM REVIEW ONLY,
NOT FOR REGULATORY APPROVAL,
PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Schematic	
B	30% CDs	04-03-2026
C	60% CDs	
D	90% CDs	
E	100% CDs	

Knud Hansen DOH Tower
470-23-50
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

POWER LOWER FLOOR PLAN

REVISIONS:

No.	Description	Date

DRAWN BY: KRM

CHECKED BY: SBC

DATE: 4/6/2026

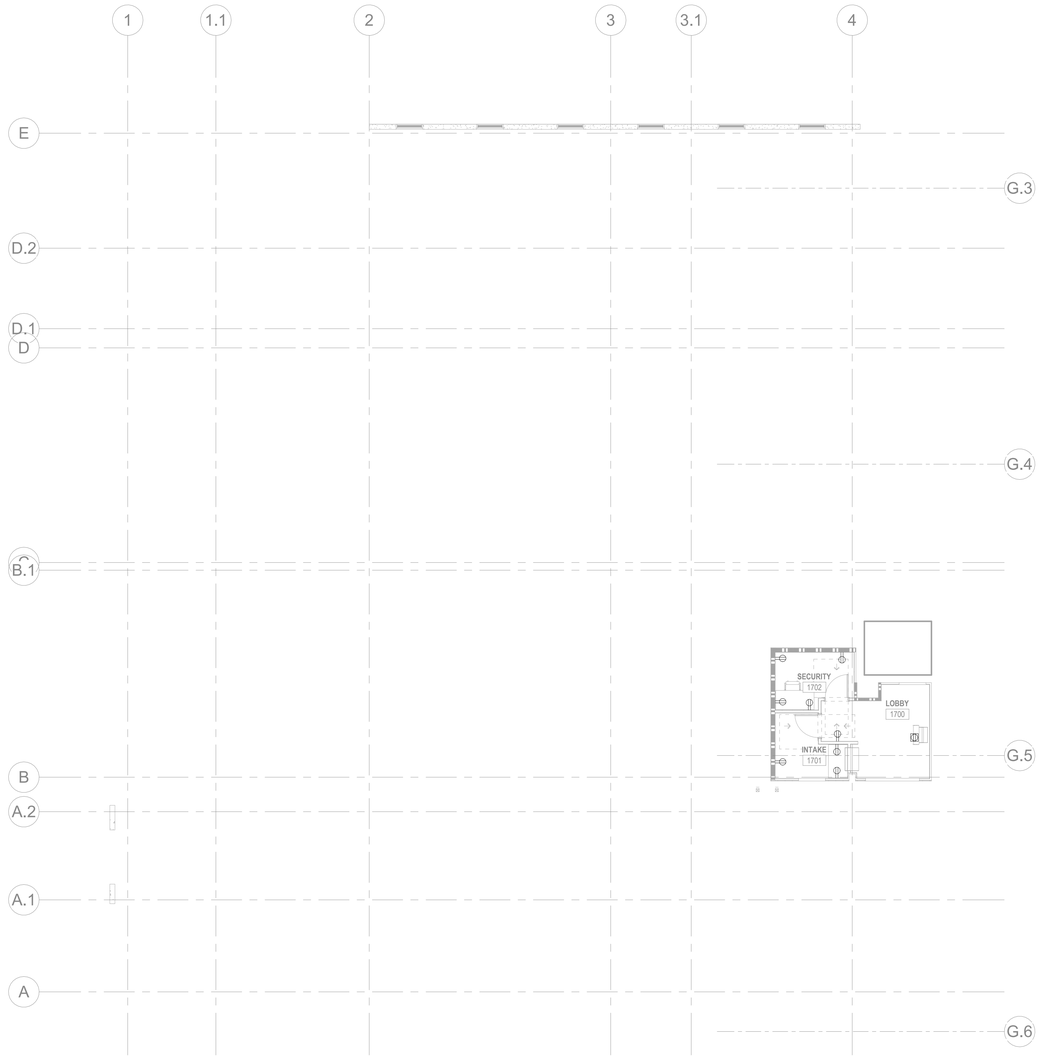
SLA JOB NUMBER
470-23-50

GOR PROJECT NUMBER
010-8-101472

SHEET NUMBER
E101

30% CDS

NOT FOR CONSTRUCTION



1 MAIN LEVEL POWER PLAN
E102 1/8" = 1'-0"

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.

springline architects — A NOVUS ARCHITECTS Company

INPROGRESS DOCUMENTS
FOR INTERIM REVIEW ONLY.
NOT FOR REGULATORY APPROVAL,
PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Schematic	
B	30% CDs	04-03-2026
C	60% CDs	
D	90% CDs	
E	100% CDs	

Knud Hansen DOH Tower
470-23-50
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

POWER MAIN FLOOR PLAN

REVISIONS:

No.	Description	Date

DRAWN BY: KRM
CHECKED BY: SBC
DATE: 4/6/2026

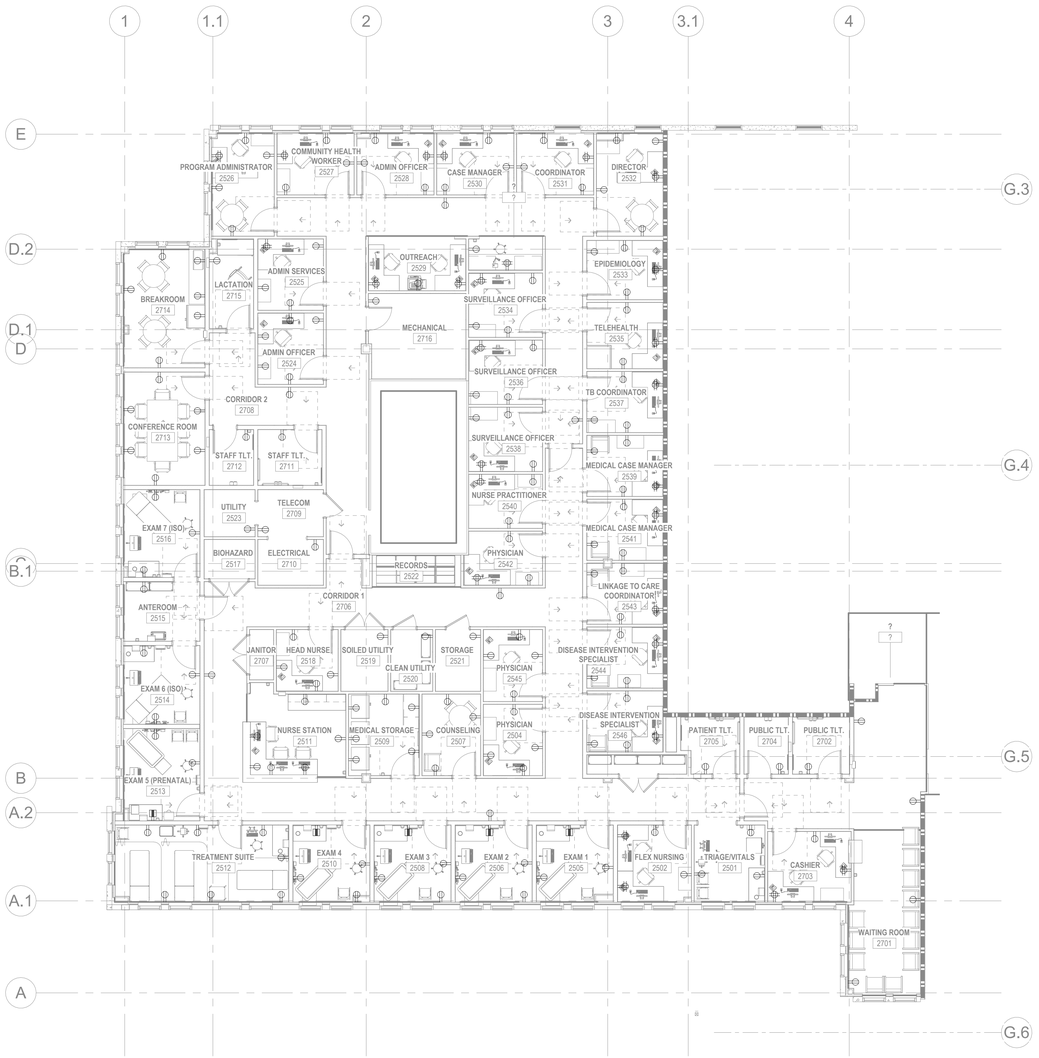
SLA JOB NUMBER
470-23-50

GSR PROJECT NUMBER
010-8-101472

SHEET NUMBER
E102

NOT FOR CONSTRUCTION

30% CDS



1 SECOND FLOOR POWER PLAN

E103 1/8" = 1'-0"

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.

springline architects
— A NOVUS ARCHITECTS Company

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS

OFFICE OF DISASTER RECOVERY U.S. VIRGIN ISLANDS

GOVERNMENT OF THE U.S. VIRGIN ISLANDS · DEPARTMENT OF HUMAN SERVICES ·

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS DEPARTMENT OF HEALTH

IN PROGRESS DOCUMENTS
FOR: INTERIM REVIEW ONLY,
NOT FOR REGULATORY APPROVAL,
PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Schematic	
B	30% CDs	04-03-2026
C	60% CDs	
D	90% CDs	
E	100% CDs	

Knud Hansen DOH Tower
470-23-50
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

POWER SECOND FLOOR PLAN

REVISIONS:

No.	Description	Date

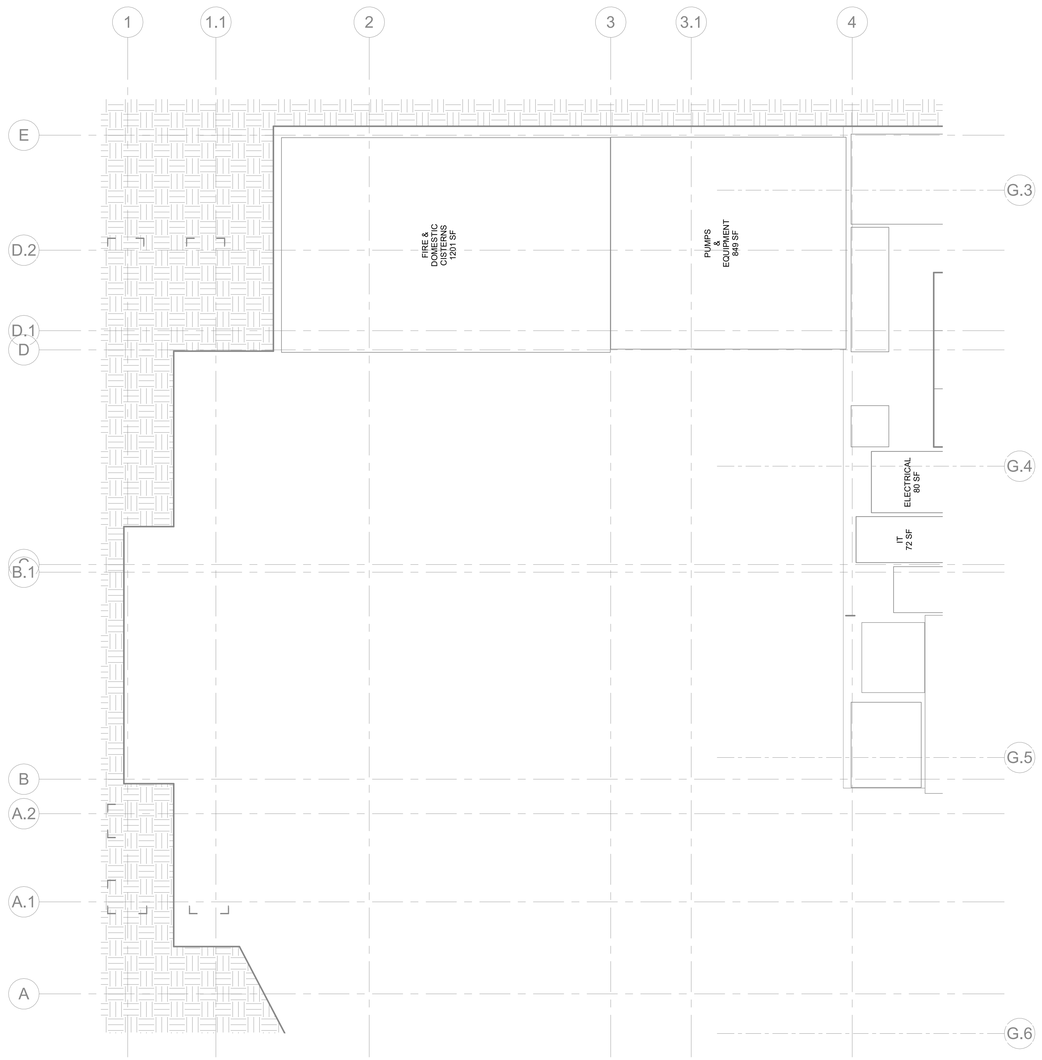
DRAWN BY: KRM
CHECKED BY: SBC
DATE: 4/6/2026

SLA JOB NUMBER
470-23-50
GOR PROJECT NUMBER
010-8-101472

SHEET NUMBER
E103

30% CDS

NOT FOR CONSTRUCTION



1 LOWER LEVEL LIGHTING PLAN

E121 1/8" = 1'-0"

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.

springline architects
— A NOVUS ARCHITECTS Company

INPROGRESS DOCUMENTS
FOR INTERIM REVIEW ONLY.
NOT FOR REGULATORY APPROVAL,
PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Schematic	
B	30% CDs	04-03-2026
C	60% CDs	
D	90% CDs	
E	100% CDs	

Knud Hansen DOH Tower
470-23-50
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

LIGHTING LOWER LEVEL RCP

REVISIONS:

No.	Description	Date

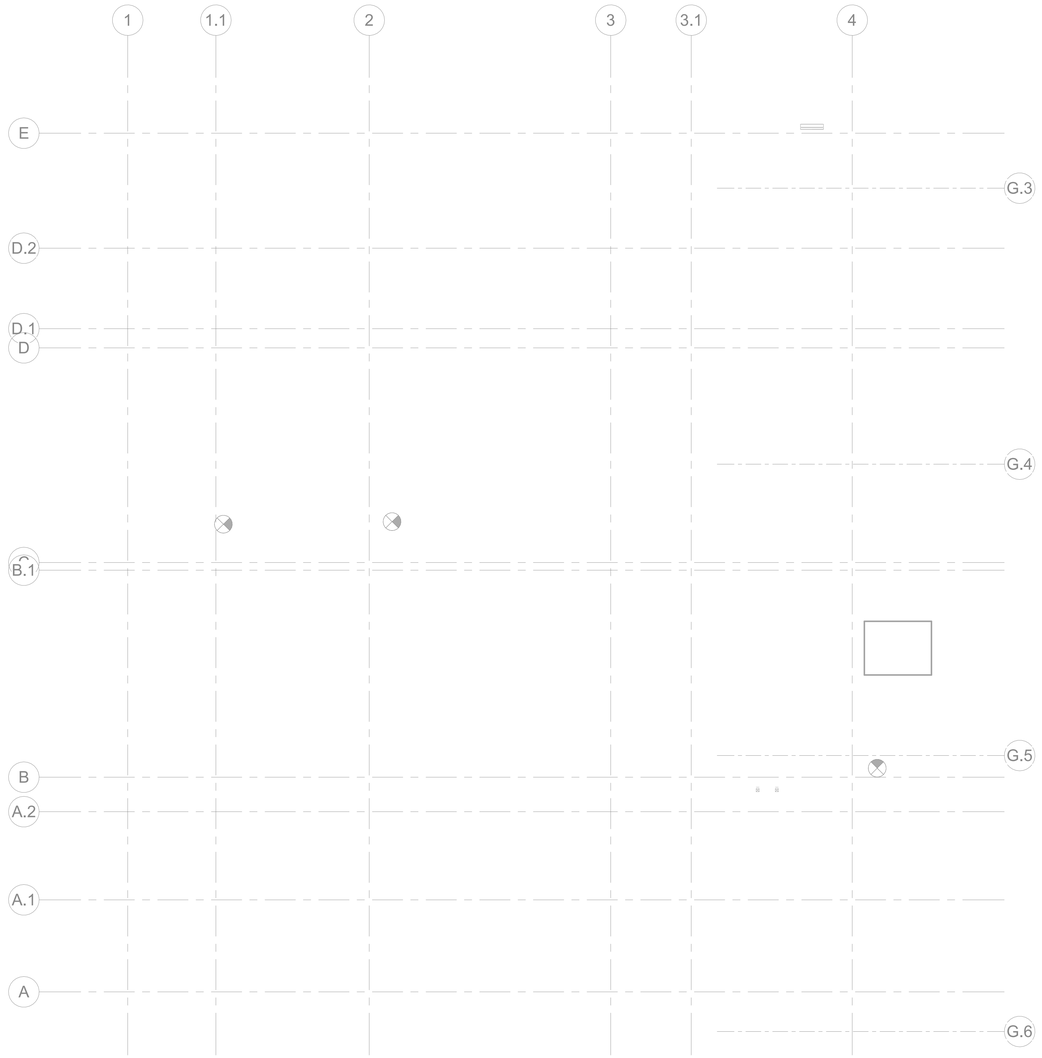
DRAWN BY: KRM
CHECKED BY: SBC
DATE: 4/6/2026

SLA JOB NUMBER
470-23-50
GDR PROJECT NUMBER
010-8-101472

SHEET NUMBER
E121

30% CDS

NOT FOR CONSTRUCTION



1 MAIN LEVEL LIGHTING PLAN
E122 1/8" = 1'-0"

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.

springline architects
— A NOVUS ARCHITECTS Company

INPROGRESS DOCUMENTS
FOR INTERIM REVIEW ONLY.
NOT FOR REGULATORY APPROVAL,
PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Schematic	
B	30% CDs	04-03-2026
C	60% CDs	
D	90% CDs	
E	100% CDs	

Knud Hansen DOH Tower
470-23-50
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

LIGHTING MAIN FLOOR RCP

REVISIONS:

No.	Description	Date

DRAWN BY: KRM
CHECKED BY: SBC
DATE: 4/6/2026

SLA JOB NUMBER
470-23-50
OOR PROJECT NUMBER
010-8-101472

SHEET NUMBER
E122

30% CDS

NOT FOR CONSTRUCTION

30% CDS

NOT FOR CONSTRUCTION

SHEET NUMBER
E123

DRAWN BY:	KRM
CHECKED BY:	SBC
DATE:	4/6/2026
GLA JOB NUMBER	470-23-50
OGE PROJECT NUMBER	010-8-101472

REVISIONS:	
No.	Description / Date

LIGHTING SECOND FLOOR RCP

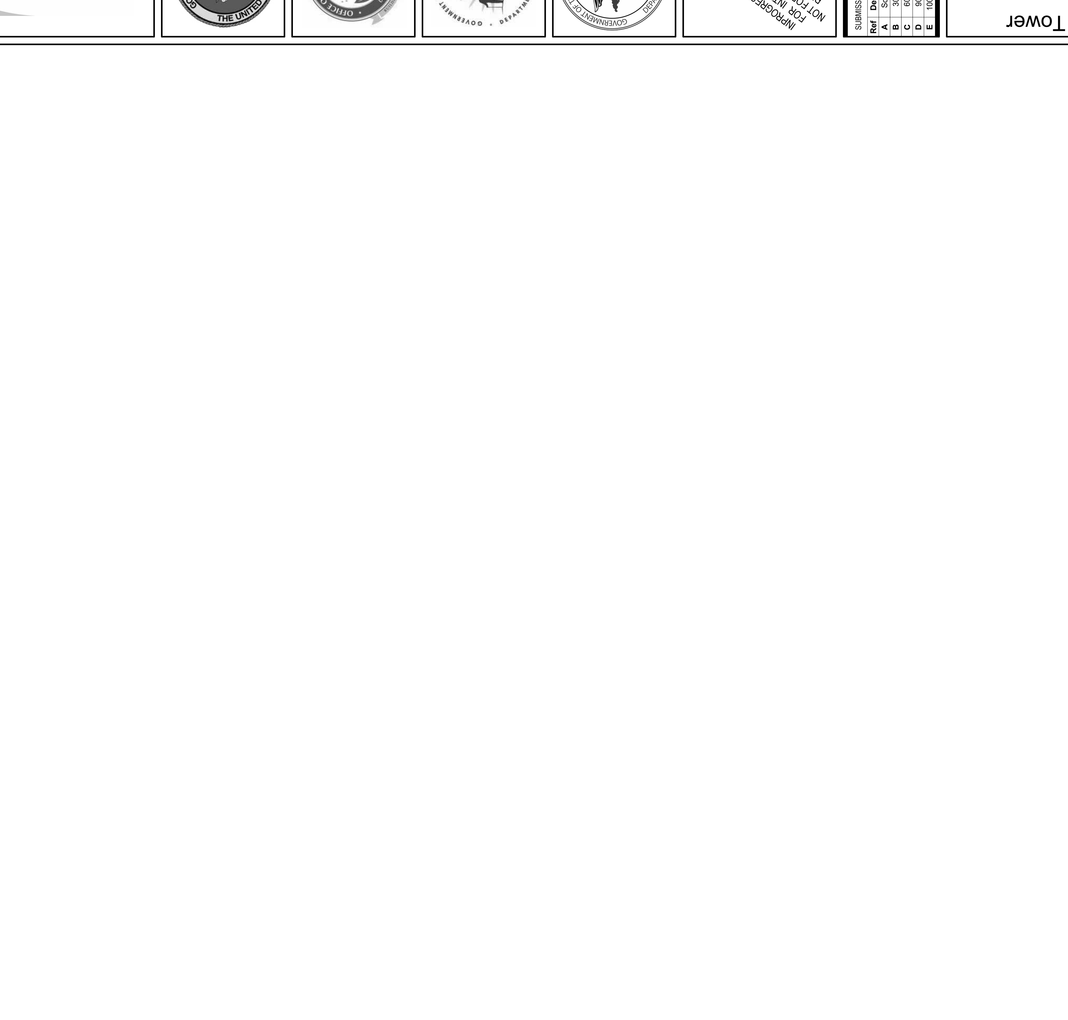
Knud Hansen DOH Tower
470-23-50
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

SUBMISSIONS:		
Ref	Description	Date
A	Schematic	
B	30% CDs	04-03-2026
C	60% CDs	
D	90% CDs	
E	100% CDs	

IMPROGRESS DOCUMENTS
FOR INTERIM REVIEW ONLY
NOT FOR REGULATORY APPROVAL,
PERMIT, OR CONSTRUCTION

springline architects
– A NOVUSARCHITECTS Company

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.

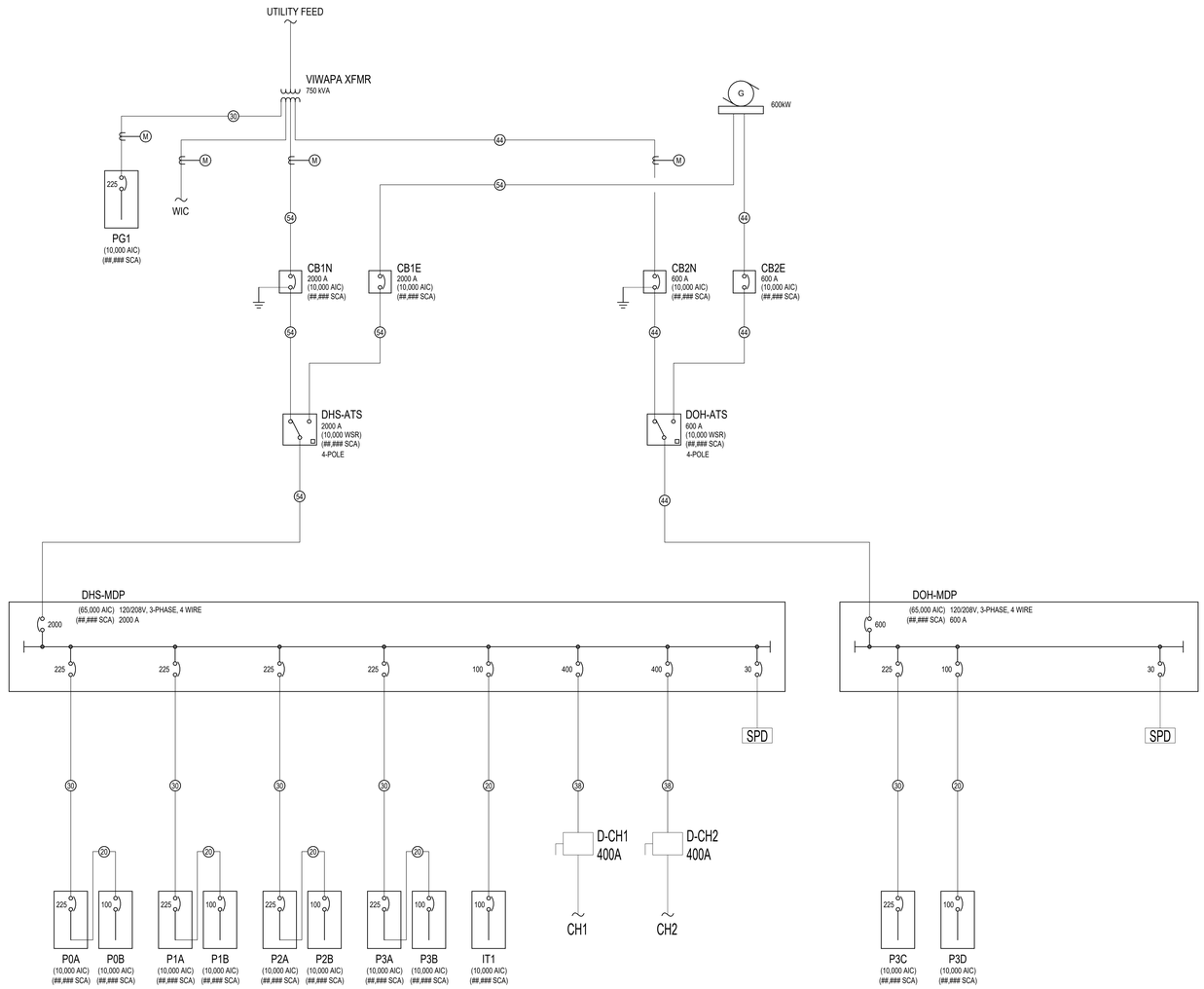


2 SECOND FLOOR LIGHTING PLAN
E123 1/8" = 1'-0"

FEEDER SCHEDULE (CU)

DESIG.	CIRCUIT BREAKER AMP RATING/# POLES	NUMBER OF SETS	NUMBER OF CONDUCTORS	FEEDER SIZE		
				CONDUCTORS	EQUIP GRD	CONDUIT
1	15/3	1	3	#12 AWG	#12 AWG	3/4"
2			4			3/4"
3	20/3	1	3	#12 AWG	#12 AWG	3/4"
4			4			3/4"
5	30/3	1	3	#10 AWG	#10 AWG	3/4"
6			4			3/4"
7	40/3	1	3	#8 AWG	#10 AWG	1"
8			4			1"
9	50/3	1	3	#6 AWG	#10 AWG	1"
10			4			1"
11	60/3	1	3	#4 AWG	#10 AWG	1 1/4"
12			4			1-1/4"
13	70/3	1	3	#4 AWG	#8 AWG	1 1/4"
14			4			1-1/4"
15	80/3	1	3	#3 AWG	#8 AWG	1-1/4"
16			4			1-1/4"
17	90/3	1	3	#2 AWG	#8 AWG	1-1/2"
18			4			1-1/2"
19	100/3	1	3	#1 AWG	#8 AWG	1-1/2"
20			4			1-1/2"
21	125/3	1	3	#1 AWG	#6 AWG	1-1/2"
22			4			2"
23	150/3	1	3	#1/0 AWG	#6 AWG	1-1/2"
24			4			2"
25	175/3	1	3	#2/0 AWG	#6 AWG	2"
26			4			2"
27	200/3	1	3	#3/0 AWG	#6 AWG	2"
28			4			2"
29	225/3	1	3	#4/0 AWG	#4 AWG	2 1/2"
30			4			2-1/2"
31	250/3	1	3	#250 KCMIL	#4 AWG	3"
32			4			3"
33	300/3	1	3	#350 KCMIL	#4 AWG	3"
34			4			3"
35	350/3	1	3	#500 KCMIL	#3 AWG	3"
36			4			4"
37	400/3	1	3	#600 KCMIL	#3 AWG	4"
38			4			4"
39	450/3	2	3	#4/0 AWG	#2 AWG	2 1/2"
40			4			2-1/2"
41	500/3	2	3	#250 KCMIL	#2 AWG	3"
42			4			3"
43	600/3	2	3	#350 KCMIL	#1 AWG	3"
44			4			3"
45	800/3	3	3	#300 KCMIL	#1/0 AWG	3"
46			4			3"
47	1000/3	3	3	#400 KCMIL	#2/0 AWG	3"
48			4			3"
49	1200/3	4	3	#350 KCMIL	#3/0 AWG	3"
50			4			3"
51	1600/3	4	3	#600 KCMIL	#4/0 AWG	4"
52			4			4"
53	2000/3	5	3	#600 KCMIL	#250 KCMIL	4"
54			4			4"
55	3000/3	8	3	#500 KCMIL	#400 KCMIL	4"
56			4			4"
57	4000/3	9	3	#750 KCMIL	#500 KCMIL	4"
58			4			5"

2 FEEDER SCHEDULE (CU)1
N.T.S



1 ELECTRICAL ONE-LINE DIAGRAM1
1/2" = 1'-0"

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.

springline architects
— A NOVUS ARCHITECTS Company

IN PROGRESS DOCUMENTS
FOR INTERIM REVIEW ONLY.
NOT FOR REGULATORY APPROVAL,
PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Schematic	
B	30% CDs	04-03-2026
C	60% CDs	
D	90% CDs	
E	100% CDs	

Knud Hansen DOH Tower
470-23-50
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

ELECTRICAL ONE-LINE DIAGRAM

REVISIONS:

No.	Description	Date

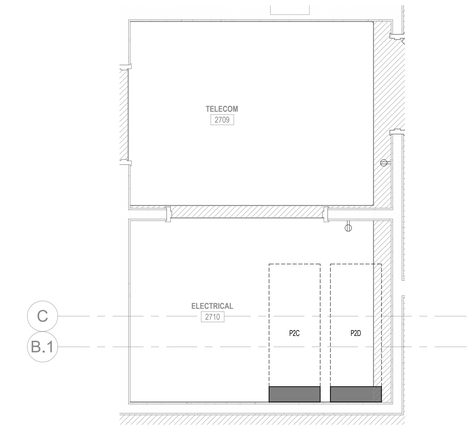
DRAWN BY: KRM
CHECKED BY: SBC
DATE: 4/6/2026
SLA JOB NUMBER 470-23-50
GDB PROJECT NUMBER 010-8-101472

SHEET NUMBER
E601

NOT FOR CONSTRUCTION

30% CDS

ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SPRINGLINE ARCHITECTS L.L.C. THE CONCEPTS, IDEAS, DESIGNS AND DETAILS AS SHOWN ON THE DOCUMENTS WERE CREATED, DEVELOPED, AND PRESENTED FOR USE ON THIS SPECIFIC PROJECT AND SHALL NOT BE REUSED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF SPRINGLINE ARCHITECTS L.L.C. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE PURPOSES ONLY.



1 DOH ENLARGED - ROOM 2026,2027
1/2" = 1'-0"

springline architects
— A NOVUS ARCHITECTS Company

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS

OFFICE OF DISASTER RECOVERY
U.S. VIRGIN ISLANDS

GOVERNMENT OF THE U.S. VIRGIN ISLANDS
DEPARTMENT OF HUMAN SERVICES

GOVERNMENT OF THE UNITED STATES VIRGIN ISLANDS
DEPARTMENT OF HEALTH

IN PROGRESS DOCUMENTS
FOR INTERIM REVIEW ONLY.
NOT FOR REGULATORY APPROVAL,
PERMIT, OR CONSTRUCTION.

SUBMISSIONS:

Ref	Description	Date
A	Schematic	
B	30% CDs	04-03-2026
C	60% CDs	
D	90% CDs	
E	100% CDs	

Knud Hansen DOH Tower
470-23-50
1303 Hospital Ground, Knud Hansen Complex
St. Thomas, US. Virgin Islands 00802

ENLARGED ELECTRICAL PLANS

REVISIONS:

No.	Description	Date

DRAWN BY: KRM
CHECKED BY: SBC
DATE: 4/6/2026

SLA JOB NUMBER
470-23-50
GSR PROJECT NUMBER
010-8-101472

SHEET NUMBER
E651

30% CDS

NOT FOR CONSTRUCTION