COUNTY OF ALAMEDA

SANTA RITA JAIL

5325 BRODER BLVD,
DUBLIN, CA 94568

SANTA RITA JAIL
INTERIOR ACCESSIBILITY UPGRADES

CONSTRUCTION DOCUMENTS

10-05-2017

PROJECT INFORMATION

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CONSTRUCTION DOCUMENTS

5325 BRODER BLVD.
DUBLIN, CA 94568

COVER SHEET
ALAMEDA CO. - SANTA RITA JAIL

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ABBREVIATIONS

A/C	AIR CONDITIONING(ER)
A AMP	AMPERE
A	COMPRESSED AIR
AAP	AREA ALARM PANEL
AAV	AUTOMATIC AIR VENT
AB	ANCHOR BOLT
ABS	ACRYLONITRILE-BUTADIENE-STYRENE
AC	ACOUSTICAL CEILING
AC	ALTERNATING CURRENT
ACC	AIR COOLED CONDENSER
ACCU	AIR COOLED CONDENSING UNIT
ACM	ALUMINUM COMPOSITE MATERIAL
ACST	ACOUSTIC
AD	ACCESS DOOR
AD	AREA DRAIN
ADDN	ADDITION OR ADDITIONAL
ADJ	ADJUSTABLE
ADJT	ADJACENT
ADMIN	ADMINISTRATION
AF	AIR FILTER
AFF	ABOVE FINISH FLOOR
AHJ	AUTHORITY HAVING JURISDICTION
AHU	AIR HANDLING UNIT
AI	AREA INLET
ALT	ALTERNATE
ALUM	ALUMINUM
AMB	AMBIENT
ANCH	ANCHOR
AP	ACCESS PANEL
APC	ACOUSTICAL PANEL CEILING
APPROX	APPROXIMATE
AR	ACID RESISTING
ARCH	ARCHITECTURAL
ASB	ASBESTOS
ASPH	ASPHALT
AUTO	AUTOMATIC
AV	ACID VENT
AV	AIR VENT
AV	AVERAGE
AW	ACID WASTE
AWG	AMERICAN WIRE GAUGE
AWP	ACOUSTICAL WALL PANEL
B to B	BACK TO BACK
BBO	BOILER BLOW OFF
BC	BALANCING COCK
BCMU	BURNISHED CONCRETE MASONRY UNIT
BD	BOARD
BD	BACK DRAFT DAMPER
BET	BETWEEN
BFP	BACKFLOW PREVENTOR
BFR	BELOW FLOOR
BF	BOILER FEED
BFV	BUTTERFLY VALVE
BHP	BREAK HORSE POWER
BKR	BREAKER
BL	BUILDING LINE
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BLKHD	BULKHEAD
BM	BEAM
BM	BENCH MARK
BOD	BOTTOM OF DUCT
BOF	BOTTOM OF FOOTING
BOTT	BOTTOM
BRDG	BRIDGING
BRG	BEARING
BRKT	BRACKET
BSMT	BASEMENT
BT	BATH TUB
BTU	BRITISH THERMAL UNIT
BTUH	BRITISH THERMAL UNIT PER HOUR
BUR	BUILT UP ROOFING
BV	BALL VALVE
C	CONDENSER WATER
C	CONDUIT
CA	COMBUSTION AIR
CAB	CABINET
CANT	CANTILEVER
CAP	CAPACITY
CAS	CASING
CBD	CHALKBOARD
CD	CONDENSATE DRAIN
CCTV	CLOSED CIRCUIT TELEVISION
CE	COVER ELEVATION
CEM	CEMENT
CENT	CENTRIFUGAL
CER	CERAMIC
CF	CUBIC FEET
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CG	CORNER GUARD
CH	CHANNEL
CI	CAST IRON
CI	CURB INLET
CIP	CAST IN PLACE
CIP	CAST IRON PIPE
CIRC	CIRCULATING
CJ	CONTROL JOINT
CJA	CONTROL JOINT ABOVE
CKT	CIRCUIT
CKT BK	CIRCUIT BREAKER
CL	CENTERLINE
CL	CIRCUIT LINE
CLG	CEILING
CLOS	CLOSET
CLR	CLEAR
CM	CEILING MOUNTED
CMP	CORRUGATED METAL PIPE
CMU	CONCRETE MASONRY UNIT
CO	CLEAN OUT
CO	CONDUIT ONLY
CO2	CARBON DIOXIDE
COL	COLUMN
COM	COMMON
COMB	COMBINATION
COMM	COMMUNICATIONS
COMP	COMPOSITE
COMP	COMPRESSOR UNIT
COMPR	COMPRESSIBLE
CONC	CONCRETE
CONF	CONFERENCE
CONFIG	CONFIGURATION
CONN	CONNECT
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR OR CONTRACT
CONV	CONVECTOR
CORR	CORRIDOR
CP	CONDENSER PUMP
CP	COVER PLATE
CPS	CYCLES PER SECOND
CPT	CARPET
CR	CONDENSER WATER RETURN
CR	CORROSION RESISTANT
CS	COUNTERSINK
CS	COMBINATION SEWER
CS	CONDENSER WATER SUPPLY
CSK	COUNTERSUNK
CSMU	CALCIUM SILICATE MASONRY UNIT
CSP	COMBINATION STANDPIPE
CSTJ	CONSTRUCTION JOINT
CSWK	CASEWORK
CT	COOLING TOWER
CT	CERAMIC TILE
CT	CURRENT TRANSFORMER
CTR	CENTER
CU	COPPER
CU	CONDENSING UNIT
CU	CUBIC
CU	COMBINATION UNIT
CUH	CABINET UNIT HEATER
CW	COLD WATER
CV	CONDOM VENDOR
CWR	CHILLED WATER RETURN
CWS	CHILLED WATER SUPPLY
CY	CUBIC YARD
CYL	CYLINDER
D	DRAIN
D	DEPTH
D	DATA
DB	DRY BULB
DB	DECIBEL
DBA	DEFORMED BAR ANCHOR
DBL	DOUBLE
DC	DIRECT CURRENT
DC	DUST COLLECTOR
DCJ	DUMMY CONTROL JOINT
d	PENNY (AS NAIL 10D)
DDC	DIRECT DIGITAL CONTROL
DE	DEIONIZED WATER
DEG	DEGREE
DEPR	DEPRESS(ION)(ED)
DEPT	DEPARTMENT
DET	DETENTION
DF	DRINKING FOUNTAIN
DFR	DIESEL FUEL RETURN
DFS	DIESEL FUEL SUPPLY
DFV	DIESEL FUEL VENT
DG	DOOR GRILLE
DH	DUCT HEATER
DI	DISTILLED WATER
DI	DUCTILE IRON
DIA	DIAMETER
DIAG	DIAGONAL
DIFF	DIFFUSER
DIM	DIMENSION
DISC SW	DISCONNECT SWITCH
DISC	DISCONNECT
DISCH	DISCHARGE
DISTR	DISTRIBUTION
DL	DEAD LOAD
DM	DAMPER MOTOR
DMPR	DAMPER
DN	DOWN
DN	DOWNSPOUT NOZZLE
DO OR "	DITTO
DPFG	DAMPROOFING
DPS	DIFFERENTIAL PRESSURE SWITCH
DR	DOOR
DR	DRAIN
DS	DOWNSPOUT
DS	DISTILLED WATER
DSP	DRY STANDPIPE
DTL	DETAIL
DTR	DUCT THRU ROOF
DW	DISHWASHER
DWG	DRAWING
DWL	DOWEL
DWR	DRAWER
DXS	DOUBLE EXTRA STRONG
E	EAST
(E)	EXISTING
EA	EACH
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EB	EXPANSION BOLT
EC	ELECTRICAL CONTRACTOR
EDH	ELECTRIC DUCT HEATER
EE	EACH END
EER	ENERGY EFFICIENCY RATIO
EEW	EMERGENCY EYEWASH
EEWS	EMERGENCY EYEWASH/SHOWER
EF	EACH FACE
EF	EXHAUST FAN
EFF	EFFICIENCY
EH	ELECTRICAL HEATER
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELAS	ELASTOMERIC
ELEC	ELECTRIC(AL)
ELEV	ELEVATOR
EMER	EMERGENCY
EMD	ESTIMATED MAXIMUM DEMAND
EMT	ELECTRICAL METALLIC TUBING
EMV	EMERGENCY MIXING VALVE
ENCL	ENCLOSURE
ENTR	ENTRANCE
EOMD	END OF MAIN DRIP
EP	ELECTRO-PNEUMATIC
EP	EXPLOSION PROOF
EPO	EMERGENCY POWER OFF
ERF	EPOXY RESIN FLOORING
EQ	EQUAL
EQUIP	EQUIPMENT
ER	EXHAUST REGISTER
ES	EMERGENCY SHOWER
ES	EXTRA STRONG
ESP	EXTERNAL STATIC PRESSURE
EST	ESTIMATE
ET	EXPANSION TANK
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
EWT	ENTERING WATER TEMPERATURE
EXC	EXCAVATE
EXH	EXHAUST
EXIST	EXISTING
EXP	EXPANSION
EXP	EXPOSED
EXPL	EXPLOSION
EXT	EXTERIOR
F	FAHRENHEIT
F	FIRELINE
F	FURNACE
FA	FIRE ALARM
FA	FRESH AIR
FAB	FABRICATED
FB	FACE BRICK
FC	FOOT CANDLE
FCMU	FLUTED CONCRETE MASONRY UNIT
FCO	FLOOR CLEAN OUT
FCU	FAN COIL UNIT
FD	FIRE DAMPER
FD	FLOOR DRAIN
FDC	FIRE DEPARTMENT CONNECTION
FDN	FOUNDATION
FDR	FEEDER
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISH FLOOR
FFE	FINISH FLOOR ELEVATION
FH	FIRE HYDRANT
FHC	FIRE HOSE CABINET
FIG	FIGURE
FIN	FINISH
FIX	FIXTURE
FL	FLOOR
FLASH	FLASHING
FLEX	FLEXIBLE
FLUOR	FLUORESCENT
FLG	FLOORING
FLM	FULL LENGTH MIRROR
FM	FACTORY MUTUAL
FM	FIRE MAIN
FME	FLOW MEASURING EQUIPMENT
FO	FACE OF
FO	FINISH OPENING
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOF	FUEL OIL FILL
FOM	FACE OF MASONRY
FOR	FUEL OIL RETURN
FOS	FACE OF STUD
FOS	FUEL OIL SUPPLY
FOV	FUEL OIL VENT
FOW	FACE OF WALL
FP	FIREPROOFING
FPD	FIRE PUMP DISCHARGE
FPM	FEET PER MINUTE
FR	FIRE RESISTIVE
FR	FRAME
FRP	FIBERGLASS REINFORCED PANEL
FS	FLOOR SINK
FS	FLOW SWITCH
FSD	FIRE/SMOKE DAMPER
FSS	FOLDING SHOWER SEAT
FT	FEET (FOOT)
FT	FIN TUBE
FT	FLOW TRANSMITTER
FTG	FOOTING
FUT	FUTURE
FVC	FIRE VALVE CABINET
FWC	FABRIC WALL COVERING
G	GRILLE
G	NATURAL GAS
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GCO	GRADE CLEAN OUT
GCMU	GLAZED CONCRETE MASONRY UNIT
GD	GARBAGE DISPOSAL
GEN	GENERAL
GEN	GENERATOR
GFA	GROSS FLOOR AREA
GFI	GROUND FAULT INTERRUPTER
GFRC	GLASS FIBER REINFORCED CONCRETE
GHR	GLYCOL-WATER HEATING RETURN
GHS	GLYCOL-WATER HEATING SUPPLY
GI	GALVANIZED IRON
GL	GLUE LAMINATED
GL	GLASS
GMU	GLASS MASONRY UNIT
GND	GROUND
GOVT	GOVERNMENT
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GR	GUARD RAIL
GR	GRADE
GR	GRILLE
GRC	GLAVANIZED RIGID CONDUIT
GRC	GLASS REINFORCED CONCRETE
GRGP	GLASS REINFORCED GYPSUM PLASTER
GRS	GALVANIZED RIGID STEEL
GS	GASOLINE
GV	GATE VALVE
GW	GREASE WASTE
GWB	GYPSUM WALL BOARD
GYP	GYPSUM
H	HEIGHT
H 1E	HOOK ONE END
HB	HOSE BIB
HC	HOLLOW CORE
HCR	HOT / CHILLED WATER RETURN
HCS	HOT / CHILLED WATER SUPPLY
HD	HAND DRYER OR HAIR DRYER
HDBD	HARDBOARD
HDR	HEADER
HDWD	HARDWOOD
HDWR	HARDWARE
HEV	HOSE END VALVE
HID	HIGH INTENSITY DISCHARGE
HM	HOLLOW METAL
HOA	HAND OFF AUTOMATIC
HORIZ	HORIZONTAL
HP	HEAT PUMP
HP	HIGH PRESSURE
HP	HORSEPOWER
HPR	HIGH PRESSURE STEAM RETURN
HPS	HIGH PRESSURE SODIUM
HPS	HIGH PRESSURE STEAM SUPPLY
HR	HANDRAIL
HR	HOUR
HS	HEADSTUD
HSS	HOLLOW STRUCTURAL SECTION
HSTR	HIGH STRENGTH
HT	HEIGHT
HTG	HEATING
HTR	HEATER
HTWR	HIGH TEMP HOT WATER RETURN
HTWS	HIGH TEMP HOT WATER SUPPLY
HUM	HUMIDIFIER
HV	HEATING VENTILATING UNIT
HVAC	HEATING VENTILATING AND AIR CONDITIONING
HW	DOMESTIC HOT WATER
HWC	DOMESTIC HOT WATER RECIRCULATING
HWR	LOW TEMP HOT WATER RETURN
HWS	LOW TEMP HOT WATER SUPPLY
HX	HEAT EXCHANGER
HZ	HERTZ
IAQ	INDOOR AIR QUALITY
IAW	IN ACCORDANCE WITH
IBC	INTERNATIONAL BUILDING CODE
IC	INTERCOM
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
IES	ILLUMINATING ENGINEERING SOCIETY
IF	INSIDE FACE
IG	ISOLATED GROUND
IH	INTAKE HOOD
IJ	ISOLATION JOINT
IJS	IN JOIST SPACE
IMC	INTERMEDIATE METAL CONDUIT
IN	INCH
INC	INCLUDE (ING)
INSUL	INSULATION
INT	INTERIOR
IP	IRON PIPE
IW	INDIRECT WASTE
JAN	JANITOR
JB	JUNCTION BOX
JCT	JUNCTION
JST	JOIST
JFB	JOINT FILLER BOARD
JT	JOINT
KCJ	KEYED CONSTRUCTION JOINT
KCP	KEENE'S CEMENT PLASTER
KD	KNOCKDOWN
KH	KITCHEN HOOD
KHE	KITCHEN HOOD EXHAUST FAN
KHS	KITCHEN HOOD SUPPLY FAN
KIT	KITCHEN
KO	KNOCKOUT
KS	KITCHEN SINK
KV	KILOVOLT
KVA	KILOVOLT AMPERES
KVAR	KILOVOLT AMPERES REACTIVE
KW	KILOWATT
KWH	KILOWATT HOUR
L	ANGLE
L	LAVATORY
LA	LABORATORY COMPRESSED AIR
LAB	LABORATORY
LAM	LAMINATE(D)
LAT	LEAVING AIR TEMPERATURE
LAV	LAVATORY
LB	POUND
LBR	LUMBER
LBS	POUNDS
LDG	LOADING
LF	LINEAR FOOT (FEET)
LG	LENGTH (LONG)
LIN	LINEAR
LINO	LINOLEUM
LKR	LOCKER
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LOC	LOCATION
LONG	LONGITUDINAL
LOX	LIQUID OXYGEN
LPG	LIQUEFIED PETROLEUM GAS
LPR	LOW PRESSURE STEAM RETURN
LPS	LOW PRESSURE STEAM SUPPLY
LR	LIVING ROOM
LS	LAWN SPRINKLER
LSC	LIFE SAFETY CODE
LT	LIGHT
LTD	LINED TRANSFER DUCT
LTG	LIGHTING
LV	LOUVER
LV	LABORATORY VACUUM
LW	LONG WAY
LWT	LEAVING WATER TEMPERATURE
M	THOUSAND
MA	MIXED AIR
MA	MEDICAL COMPRESSED AIR
MAC	MACHINE
MAG	MAGNETIC
MAINT	MAINTENANCE
MAN	MANUAL
MAS	MASONRY
MATL	MATERIAL
MAU	MAKEUP AIR UNIT
MAV	MANUAL AIR VENT
MAX	MAXIMUM
MB	MACHINE BOLT
MB	MOP BASIN
MBD	MARKER BOARD
MBH	THOUSAND BTU PER HOUR
MBTUH	THOUSAND BTU PER HOUR
MC	MECHANICAL CONTRACTOR
MC	MEDICINE CABINET
MCA	MINIMUM CIRCUIT AMPS
MCB	MAIN CIRCUIT BREAKERJ
MCM	THOUSAND CIRCULAR MILLS
MD	MANUAL VOLUME DAMPER
MDO	MEDIUM DENSITY OVERLAY
MECH	MECHANICAL
MEMB	MEMBRANE
MET	METAL
MEZZ	MEZZANINE
MFR	MANUFACTURER
MFRG	MANUFACTURING
MG	MOTOR GENERATOR
MH	MANHOLE
MH	METAL HALIDE
MH	MOP HOLDER
MIN	MINIMUM
MISC	MISCELLANEOUS
ML	MOTORIZED LOUVER
MLDG	MOLDING
MLO	MAIN LUGS ONLY
MLWK	MILLWORK
MO	MASONRY OPENING
MPG	MEDIUM PRESSURE GAS
MPR	MEDIUM PRESSURE STEAM RETURN
MPS	MEDIUM PRESSURE STEAM SUPPLY
MR	MIRROR
MR/S	MIRROR WITH SHELF
MS	MAGNETIC STARTER
MTD	MOUNTED
MTG	MOUNTING
MTL	METAL
MTWR	MEDIUM TEMP HOT WATER RETURN
MTWS	MEDIUM TEMP HOT WATER SUPPLY
MUL	MULLION
MV	MERCURY VAPOR
MV	MEDICAL VACUUM
MW	MARKER WALL
N	NITROGEN
N	NORTH
N2O	NITROUS OXIDE
N/A	NOT APPLICABLE
NC	NOISE CRITERIA
NC	NORMALLY CLOSED
NC	NURSE CALL
NEC	NATIONAL ELECTRIC CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSN.
NEUT	NEUTRAL
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NO	NUMBER
NO	NITROUS OXIDE
NOM	NOMINAL
NS	NEUTRAL SENSOR
NTS	NOT TO SCALE
O&M	OPERATION AND MAINTENANCE
O to O	OUT TO OUT
OA	OVERALL
OA	OUTSIDE AIR
OBSC	OBSCURE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OD	OVERFLOW DRAIN
OF	OUTSIDE FACE
OVFL	OVERFLOW
OFC	OWNER FURNISHED CONTRACTOR INSTALLED
OFF	OFFICE
OFOI	OWNER FURNISHED OWNER INSTALLED
OHP	OVERHEAD POWER
OHT	OVERHEAD TELEPHONE
OPG	OPENING
OPP	OPPOSITE
OSD	OVERFLOW STORM DRAIN
OS&Y	OUTSIDE SCREW AND YOKE
OTCS	OPEN TO CEILING SPACE
OVHD	OVERHEAD
OX	OXYGEN
P	PAINT
P	POLE
P/T	PRESSURE/TEMPERATURE TEST PORT
P	PUMP
PA	PUBLIC ADDRESS
PAN B	PANIC BOLT
PAR	PARALLEL
PB	PARTICLE BOARD
PB	PULL BOX
PB	PUSH BUTTON
PBS	PUSH BUTTON STATION
PC	PRECAST
PC	PUMPED CONDENSATE
PCD	PAPER CUP DISPENSER
PCF	POUNDS PER CUBIC FOOT
PCT	PORCELAIN CERAMIC TILE
PD	PRESSURE DROP
PD	PUMP DISCHARGE
PDI	PLUMBING & DRAINAGE INSTITUTE
PENT	PENTHOUSE
PERF	PERFORATED
PERP	PERPENDICULAR
PF	POWER FACTOR
PG	PRESSURE GAGE
PH	PHASE
PI	POINT OF INTERSECTION
PI	PRESSURE INDICATOR
PIC	PORTABLE INSTRUMENT CONNECTION
PIV	POST INDICATOR VALVE
PL	PLACE(S)
PL	PLATE
PLAM;PL	PLASTIC LAMINATE
PLAS	PLASTER
PLBG	PLUMBING
PLYWD	PLYWOOD
PNEU	PNEUMATIC
PNL	PANEL
POC	POINT OF CONNECTION
PORC	PORCELAIN
POT	PATH OF TRAVEL
PPM	PARTS PER MILLION
PR	PAIR
PREFAB	PREFABRICATED
PROJ	PROJECTION
PRV	PRESSURE REDUCING VALVE
PS	PIPE SUPPORT
PS	PROJECTION SCREEN
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSV	PRESSURE SAFETY VALVE
PT	PLASTER TRAP
PT	POINT
PT	POTENTIAL TRANSFORMER
PTD	PAPER TOWEL DISPENSER
PTD/R	COMBINATION TOWEL DISPENSER/RECEPTACLE
PTN	PARTITION
PVC	POLYVINYL CHLORIDE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENCY
PWL	SOUND POWER LEVEL
PWR	POWER
QT	QUARRY TILE
QTR RND	QUARTER ROUND
R	RISER
RA	RETURN AIR
RAD	RADIATOR
RAD or R	RADIUS
RB	RUBBER BASE
RC	REMOVE CONTROL
RCP	REFLECTED CEILING PLAN
RCP	REINFORCED CONCRETE PIPE
RCU	RECIPROCATING CHILLER JOINT
RD	ROOF DRAIN
RD	REFRIGERANT DISCHARGE
RECP	RECEPTACLE
REF	REFERENCE
REFL	REFLECTED
REFR	REFRIGERANT
REFR	REFRIGERATOR
REG	REGISTER
REINF	REINFORCEMENT
REM	REMOVABLE
REQ(D)	REQUIRE(D)
RESIL	RESILIENT
RET	RETAINING (WALL)
REV	REVISIONS
RF	RETURN FAN
RF	RUBBER FLOOR
RFM	RECESSED FLOOR MAT
RH	RELATIVE HUMIDITY
RH	RELIEF HOOD
RHC	REHEAT COIL
RH	ROBE HOOK
RHG	REFRIGERANT HOT GAS
RI&C	ROUGH IN AND CONNECT
RIJS	RISE IN JOIST SPACE
RL	REFRIGERANT LIQUID
RM	ROOM
RND	ROUND
RO	ROUGH OPENING
RPM	REVOLUTIONS PER MINUTE
RPZ	REDUCED PRESSURE BACKFLOW PREVENTER
RS	REFRIGERANT SUCTION
RWL	RAIN WATER LEADERS SENSOR
S	SINK
S	SANITARY SEWER
S	SOAP DISH
S	SOUTH
S	SPRINKLER LINE
SA	SHOCK ABSORBER
SA	SUPPLY AIR
SAN	SANITARY WASTE
SC	SECURITY
SC	SOLID CORE
SC	SHOWER CURTAIN
SC	SPECIAL COATING
SCD	SEAT COVER DISPENSER
SCH	SHOWER CURTAIN HOOKS
SCHED	SCHEDULE
SCR	SHOWER CURTAIN ROD
SCT	STRUCTURAL CLAY TILE
SCUT	SCUTTLE
SCW	SOFT COLD WATER
SD	SOAP DISPENSER
SD	SMOKE DAMPER
SD	SMOKE DETECTOR
SD	STORM DRAIN
SE	STEAM EXHAUST VENT
SEC	SECONDARY
SECT	SECTION
SECY	SECRETARY
SENS	SENSIBLE
SF	SQUARE FOOT
SF	SUPPLY FAN
SFCMU	SPLIT-FACED CONCRETE MASONRY UNIT
SFU	STRUCTURAL FACING UNIT
SGL	SINGLE
SGWB	SECURITY GYPSUM BOARD
SH	SHOWER
SHEATH	SHEATHING
SHM	SECURITY HOLLOW METAL
SHT	SHEET
SHW	SOFT HOT WATER
SIM	SIMILAR
SL	SHORT LEG
SLNT	SEALANT
SM	SHEET METAL
SM	SPRINKLER MAIN
SND	SANITARY NAPKIN DISPOSAL
SNV	SANITARY NAPKIN VENDOR
SP	STATIC PRESSURE (H2O)
SP	STAND PIPE
SP	STATIC PRESSURE
SPEC	SPECIFICATIONS
SPK	SPRINKLER
SPL	SOUND PRESSURE LEVEL
SPL	SPECIAL
SPL BLK	SPLASH BLOCK
SQ	SQUARE
SS	STAINLESS STEEL
SSA	STORM SHELTER AREA
SS	SERVICE SINK
SS	SOLID SURFACE
ST	STAIR
ST	STORM SEWER
STAG'D	STAGGERED
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STE	SINGLE TAPERED END
STGR	STRINGER
STL	STEEL
STOR	STORAGE
STR	STRUCTURAL - STRUCTURE
SUB	SUBSTATION
SUBFL	SUBFLOOR
SURF	SURFACE
SUSP	SUSPENDED
SV	SHEET VINYL
SV	SOLENOID VALVE
SW	SHORT WAY
SW	SWITCH
SWBD	SWITCH BOARD
SWP	STEAM WORKING PORESSURE
SYM	SYMMETRICAL
T	TEMPERED
T	THERMOSTAT
T & B	TOP & BOTTOM
T& G	TONGUE & GROOVE
T	TREAD
TA	TRANSFER AIR
TAB	TEST AND BALANCE
TAN	TANGENT
TB	TERMINAL BOX
TB	TOWEL BAR
TBD	TACK BOARD
TC	TEMPERATURE CONTROL
TC	TIME CLOCK
TD	TRANSFER DUCT
TD	TRENCH DRAIN
TDH	TOTAL DYNAMIC HEAD
TEL	TELEPHONE
TEMP	TEMPERED - TEMPORARY
TEMP	TEMPERATURE
TERR	TERRAZZO
TEXT	TEXTURED
TGL	TOGGLE
TH	THRESHOLD
TH	TOWEL HOOK
THK	THICK(NESS)
TMR	TILT MIRROR UNIT
TMV	THERMOSTATIC MIXING VALVE
TOB	TOP OF BEAM
TOC	TOP OF CONCRETE
TOF	TOP OF FOOTING
TOIL	TOILET
TOP	TOP OF PAVING
TOS	TOP OF STEEL
TOW	TOP OF WALL
TPV	TRAP PRIMER
TR	TRIP
TRANS	TRANSVERSE
TRD	TREAD
TS	TEMPERATURE SENSOR
TSP	TOTAL STATIC PRESSURE
TT	TEMPERATURE TRANSMITTER
TT	TERRAZZO TILE
TTD	TOILET TISSUE DISPENSER
TV	TELEVISION
TW	TACK WALL
TYP	TYPICAL
U	URINAL
UC	UNIT COOLER
UG	UNDERGROUND
UGE	UNDERGROUND ELECTRICAL
UGT	UNDERGROUND TELEPHONE
UH	UNIT HEATER
UL	UNDERWRITERS LABORATORIES
UNEX	UNEXCAVATED
UNFIN	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
UR	URINAL
URD	UNDERGROUND RESIDENTIAL DISTRIBUTION
US	UTILITY SHELF
UTIL	UTILITY
UV	UNIT VENTILATOR
V	VENT
V	VOLT
V	VACUUM
VA	VALVE
VAC	VACUUM
VAV	VARIABLE AIR VOLUME
VB	VAPOR BARRIER
VB	VINYL BASE
VBF	VENT BELOW FLOOR
VCB	VENTED COVE BASE
VCP	VITRIFIED CLAY PIPE
VCT	VINYL COMPOSITION TILE
VD	VOLUME DAMPER - MANUAL
VEL	VELOCITY
VENT	VENTILATION
VENT	VENTILATOR
VERT	VERTICAL
VEST	VESTIBULE
VF	VINYL FLOOR
VFD	VARIABLE FREQUENCY DRIVE
VM	VOLTMETER
VOL	VOLUME
VP	VENEER PLASTER
VP	VACUUM PUMP
VSMC	VARIABLE SPEED MOTOR CONTROLLER
VT	VINYL TILE
VTR	VENT THROUGH ROOF
VWC	VINYL WALLCOVERING
W	WATER SERVICE
W	WIDE; WIDTH
W	WASTE (PLUG)
W	WATT
W	WEST
W	WIDE FLANGE
W/	WITH
W/O	WITHOUT
WB	WET BULB
WC	WALL COVERING
WC	WATER COLUMN
WC	WATER CLOSET
WCC	WATER COOLED CONDENSER
WCL	WATER CLOSET/LAVATORY COMBINATION
WCO	WALL CLEAN OUT
WD	WOOD
WDW	WINDOW
WF	WASH FOUNTAIN, WATER FOUNTAIN
WH	WALL HYDRANT
WFMD	WATER FLOW MEASURING DEVICE
WH	WATER HEATER
WHM	WATT HOUR METER
WI	WROUGHT IRON
WLR	WATER LOOP RETURN
WLS	WATER LOOP SUPPLY
WMG	WATER MOTOR GONG
WNSCT	WAINSCOT
WP	WEATHERPROOF
WPB	WHIRLPOOL BATH
WPF	WATERPROOF
WPFG	WATERPROOFING
WR	WATER RESISTANT
WR	WASTE RECEPTACLE
WSP	WET STAND PIPE
WT	WEIGHT
WW	WARM WHITE
WWF	WELDED WIRE FABRIC
XFMR	TRANSFORMER
XMTR	TRANSMITTER
YD	YARD
YH	YARD HYDRANT
Z	IMPEDANCE
ZCV	ZONE CONTROL VALVE
ZVB	ZONE VALVE BOX
&	AND
@	AT
i.e.	THAT IS
#	NUMBER

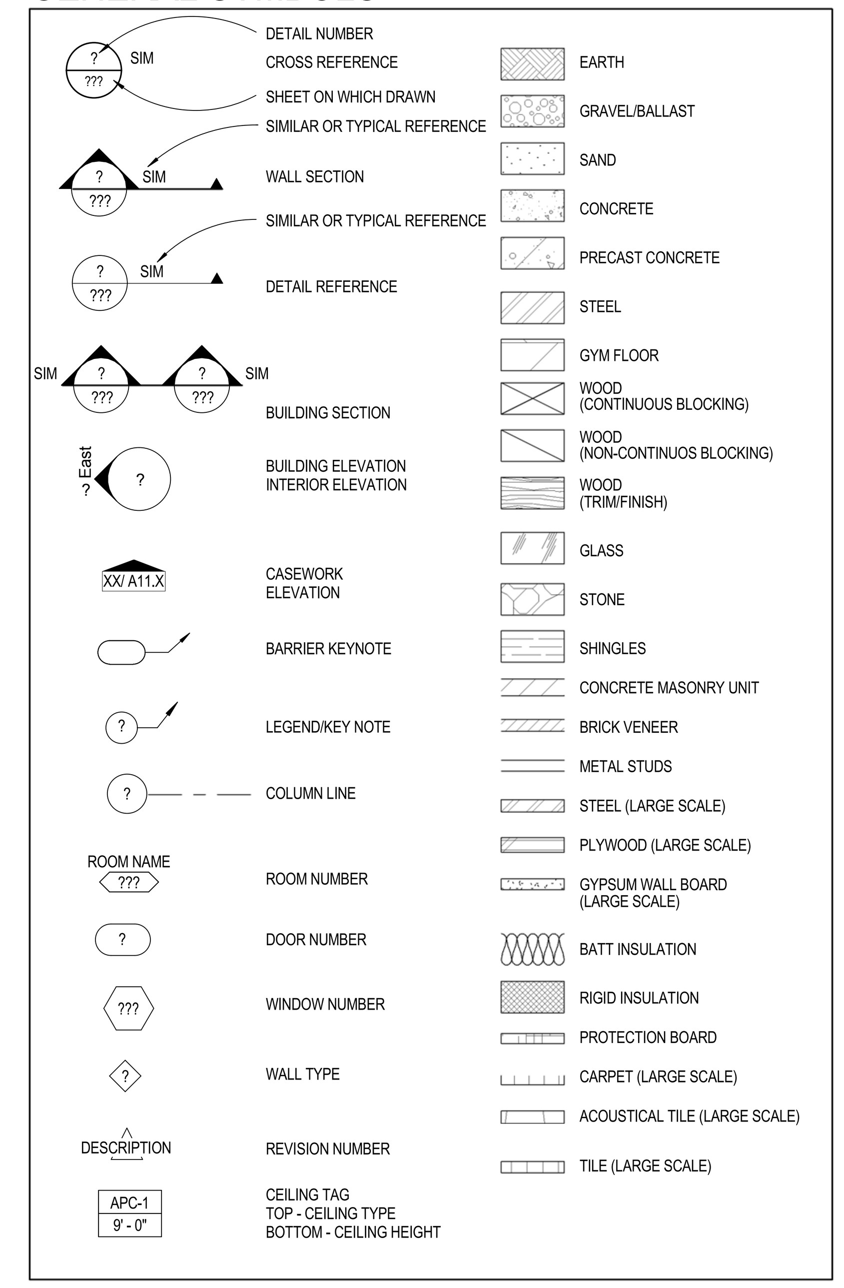
THE FOLLOWING ABBREVIATIONS ARE USED WITH GLAZING:

CG	CLEAR FLOAT GLASS
CIG	CLEAR INSULATING GLASS
CTG	CLEAR TEMPERED FLOAT GLASS
CTIG	CLEAR TEMPERED INSULATING GLASS
LG	LAMINATED GLASS
PG	PATTERN GLASS
PIG	PATTERN INSULATING GLASS
SG	SPANDREL GLASS
TG	TINTED FLOAT GLASS
TIG	TINTED INSULATING GLASS
TTG	TINTED TEMPERED FLOAT GLASS
TTIG	TINTED TEMPERED INSULATING GLASS
WG	POLISHED WIRE GLASS

GENERAL NOTES

1. GENERAL NOTES APPLY TO ALL DRAWINGS
2. ALL DIMENSIONS ARE ACTUAL AND ARE TO FACE OF METAL STUDS, FACE OF MASONRY OR CENTERLINE OF COLUMN, UNLESS NOTED OTHERWISE.
3. GENERAL CONTRACTOR SHALL COORDINATE ALL MECHANICAL CHASE SIZES WITH MECHANICAL SUBCONTRACTOR.
4. WALL OPENINGS FOR FIRE DAMPERS SHALL BE FRAMED PER THE FIRE DAMPER MANUFACTURER'S RECOMMENDATIONS.
5. ELECTRICAL PLANS INDICATE THE GENERAL DESIGN AND ARRANGEMENT OF PIPES, CONDUIT, WIRING, EQUIPMENT, SYSTEMS, ETC. INFORMATION SHOWN IS DIAGRAMMATIC IN CHARACTER AND DOES NOT NECESSARILY INDICATE EVERY REQUIRED OFFSET, FITTING AND EXISTING CONDITION. LOCATION OF THESE ITEMS MAY BE ADJUSTED CONDITIONAL UPON THE SATISFACTORY COMPLIANCE WITH ALL OTHER REQUIREMENTS.
6. ALL WALL PENETRATIONS AT RATED WALL LOCATIONS REQUIRED FOR PIPES, CONDUIT, DUCTING ETC. SHALL BE SEALED TO STOP PASSAGE OF FIRE AND / OR SMOKE WITH FIRE SAFING AND APPROVED FIRESTOPPING SEALANT PER DETAILS ON SHEETS GX.XX.
7. THE GENERAL CONTRACTOR SHALL COORDINATE CUT-OUTS FOR CASEWORK, MILLWORK, OR OTHER EQUIPMENT AS REQUIRED.
8. ALL ASPECTS OF THE WORK AND ITEMS NOT SPECIFICALLY MENTIONED, BUT WHICH ARE NECESSARY TO MAKE A COMPLETE WORKING INSTALLATION, SHALL BE INCLUDED, AND INDICATED IN THE CONTRACTORS BID.
9. NO ASBESTOS OR PCB CONTAINING MATERIALS SHALL BE USED ON THIS PROJECT.
10. THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS ARE RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL DEBRIS GENERATED BY CONSTRUCTION OF THIS PROJECT. THE REMOVAL AND DISPOSAL OF ALL CONSTRUCTION DEBRIS SHALL BE IN FULL COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. THE PREMISES SHALL BE KEPT CLEAN AND FREE FROM ALL WASTE MATERIALS.
11. GENERAL CONTRACTOR SHALL PROTECT NEW CONSTRUCTION FROM DAMAGE BY ALL TRADES. ALL SUCH DAMAGE CAUSED BY THE CONTRACTOR DURING THE COURSE OF THIS WORK SHALL BE REPAIRED OR REPLACED AT THE CONTRACTORS EXPENSE.
12. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL DIMENSIONS AND FIELD CONDITIONS PRIOR TO ORDERING OR INSTALLING MATERIALS OR EQUIPMENT.
13. ALL PIPING AND CONDUITS SHALL BE CONCEALED WITHIN WALLS, UNDERGROUND, ABOVE CEILINGS OR IN ARCHITECT APPROVED UTILITY SPACES IN ALL CASES UNLESS SPECIFICALLY NOTED OTHERWISE ON THE DRAWINGS. EXPOSED ITEMS MUST BE LOCATED IN AREAS APPROVED BY THE ARCHITECT. EXPOSED ITEMS SHALL BE INSTALLED AND FINISHED TO PROVIDE MINIMAL VISUAL IMPACT. ALL EXPOSED ITEMS ARE TO BE PAINTED TO MATCH THE ADJACENT SURFACES UNLESS SCHEDULED FOR AN ACCENT COLOR.
14. FLOOR SPOT ELEVATIONS ARE SHOWN THUS: 0'-0"
15. ARCHITECTURAL FINISH FLOOR ELEVATIONS 0'-0" EQUALS ACTUAL SITE REFERENCE OF FINISH FLOOR:
16. PLAN SYMBOL INDICATES WALL TYPE - SEE SHEET A0.2 FOR DESCRIPTION OF WALL TYPES
17. SCRIBE GYPSUM BOARD OF WALLS AND PARTITIONS TO IRREGULARITIES OF STRUCTURE AND ROOF DECK ABOVE.
18. PROVISIONS SHALL BE MADE AT FULL HEIGHT NON-BEARING WALLS FOR 2- INCH VERTICAL MOVEMENT OF THE BUILDING STRUCTURE WITHOUT TRANSFER OF COMPRESSIVE LOADS TO WALL. FILL IRREGULARITIES BETWEEN TOP OF WALL AND DECK ABOVE WITH FIRE SAFING INSULATION OR FIRE STOPPING MATERIALS AS REQUIRED TO MEET FIRE RATING OF RESPECTIVE WALLS. FILL AT SMOKE PARTITIONS WITH MATERIALS CAPABLE OF RESISTING THE PASSAGE OF SMOKE. SEE DETAILS ON CODE RATING DETAIL SHEETS.
19. NOTE: SLOPE REQUIREMENTS FOR THIS PROJECT TO MEASURED FOR ACCESSIBILITY BY MEANS OF A 2' SMART LEVEL. NO OTHER METHOD WILL BE ACCEPTED TO VERIFY COMPLIANCE. CONTRACTOR WILL REMOVE DEFICIENT WORK AT THEIR EXPENSE.

GENERAL SYMBOLS



DEMOLITION NOTES

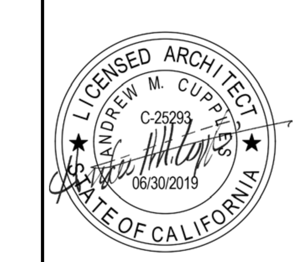
A. DEMOLITION GENERAL NOTES APPLY TO ALL DEMOLITION SHEETS.
B. COORDINATE DEMOLITION AND PHASING EFFORTS WITH ARCHITECT, ENGINEERS AND OWNER'S REPRESENTATIVES. EVERY EFFORT SHALL BE MADE TO MINIMIZE DISRUPTION OF THE FACILITIES OPERATIONS AND TO PROVIDE BUILDING USER'S SAFETY. EXCESSIVE NOISE OR VIBRATION SHALL BE PRE-APPROVED AND COORDINATED WITH OWNER'S REPRESENTATIVE.
C. COORDINATE DISRUPTION OF UTILITY SERVICES WITH OWNER AND AS SPECIFIED.
D. CONSTRUCT TEMPORARY CONSTRUCTION PARTITIONS WITHIN EXISTING BUILDING WHICH OFFER A ONE-HOUR ENCLOSURE TO ISOLATE DEMOLITION AND CONSTRUCTION WORK FROM GENERAL PUBLIC AND AS DEEMED NECESSARY BY OWNER AND CODE OFFICIAL HAVING JURISDICTION. COORDINATE LOCATIONS WITH OWNER AND MAINTAIN MEANS OF EGRESS THROUGHOUT THE WORK.
E. MAINTAIN A SECURE AND WEATHER-TIGHT ENCLOSURE.
F. VERIFY EXISTING CONDITIONS, DIMENSIONS, AND ELEVATIONS AND NOTIFY ARCHITECT OF DISCREPANCIES.
G. REMOVE EXISTING WALLS, DOORS, MILLWORK, PLUMBING FIXTURES, CEILINGS, SOFFITS, MARKERBOARDS, ETC. IN THEIR ENTIRETY AND AS REQUIRED TO EXECUTE DEMOLITION AND CONSTRUCTION WORK DESCRIBED ON THE DRAWINGS.
H. THE OWNER SHALL RESERVE THE RIGHT TO SALVAGE ANY MATERIALS.
I. PROVIDE PROTECTION FOR EXISTING BUILDING MATERIALS AND EQUIPMENT FROM DAMAGE DUE TO DEMOLITION OR CONSTRUCTION-RELATED INCIDENT PERFORMED UNDER THIS CONTRACT.
J. REPAIR OR REPLACE ITEMS DAMAGED AS A RESULT OF DEMOLITION OR CONSTRUCTION TO MATCH EXISTING FINISH AND /OR CONDITION.
K. EXISTING MATERIALS SHALL NOT BE REUSED UNLESS NOTED OTHERWISE OR AS AUTHORIZED BY ARCHITECT.
L. VERIFY AND MAINTAIN LOCATION OF EXISTING POWER, COMMUNICATION AND DATA CABLES TO PREVENT INTERRUPTION OF SERVICE.
M. PATCH FLOOR, WALL AND CEILING PENETRATIONS RESULTING FROM REMOVAL OR REROUTING OF NEW OR EXISTING PIPING, DUCTWORK, CONDUIT, ETC. AS REQUIRED TO MAINTAIN FIRE SEPARATIONS. MATCH FINISH OF NEW OR EXISTING ADJACENT SURFACES.
N. CAP DISCONNECTED MECHANICAL PIPING LINES WITHIN WALL OR FLOOR. PATCH AND FINISH AS REQUIRED TO MATCH NEW OR EXISTING ADJACENT SURFACES.
O. SEE MECHANICAL AND ELECTRICAL DRAWINGS AND NOTES FOR FURTHER SEQUENCING AND SCOPE OF WORK.
P. WHERE CMU WALLS ARE INDICATED TO BE REMOVED; PREPARE ADJACENT WALLS TO RECEIVE NEW PATCH/FINISH BY REMOVING CMU IN TOOTH-IN PATTERN BOTH SIDES OF DEMOLITION FOR CONTRACTOR TO TOOTH IN NEW CMU PATCHES.
Q. WHERE PLASTER/STUD WALLS ARE INDICATED TO BE REMOVED; PREPARE ADJACENT WALLS TO RECEIVE NEW PATCH/FINISH BY SAWCUTTING ADJACENT PLASTER FINISH A MINIMUM OF 12 INCHES BEYOND DEMOLITION.

CONSTRUCTION DOCUMENTS

5325 BRODER BLVD.
DUBLIN, CA 94568

GENERAL NOTES, SYMBOLS AND ABBREVIATIONS
ALAMEDA CO. - SANTA RITA JAIL

G0.1
75-17108-00
09-22-2017
Revisions



DLR Group
Architecture Engineering Planning Interiors

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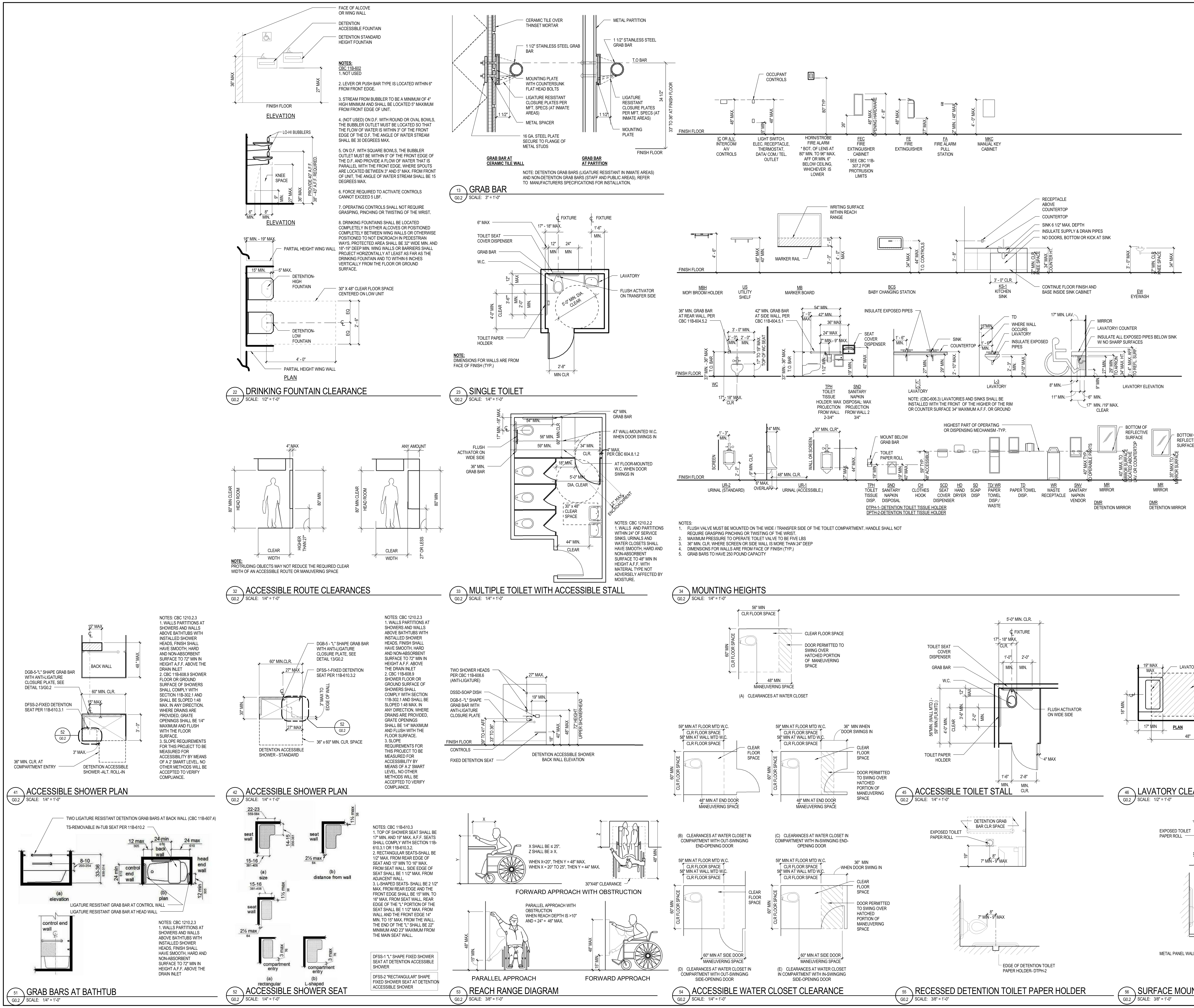


ACCESSORIES ABBREVIATIONS

ACC	ADA ACCESSIBLE HEIGHT
BCS	BABY CHANGING STATION
GB-1	GRAB BAR (SIDE WALL)
DGB-1	DETENTION LIGATURE RESISTANT GRAB BAR (SIDE WALL)
GB-2	GRAB BAR (BACK WALL)
DGB-2	DETENTION LIGATURE RESISTANT GRAB BAR (BACK WALL)
GB-3	GRAB BAR (VERTICAL)
GB-4	GRAB BAR (AMBULATORY STALL)
GB-5	GRAB BAR (SHOWER)
DGB-5	DETENTION LIGATURE RESISTANT GRAB BAR (SHOWER)
HD	ELECTRIC HAND DRYER
MBH	MOP / BROOM HOLDER
MR	MIRROR
DMR-1	DETENTION FRAMED MIRROR
RH	ROBE HOOK
SCD	SEAT COVER DISPENSER
SCR	SHOWER CURTAIN ROD
SD	LIQUID SOAP DISPENSER
DSSD	DETENTION SHOWER SOAP DISH
SND	SANITARY NAPKIN DISPOSAL
SNV	NAPKIN/TAMPON VENDOR
SSS	STAINLESS STEEL SHELF
TD	TOWEL DISPENSER
TD/WR	TOWEL AND WASTE RECEPTACLE
TPH	TOILET PAPER DISPENSER
DTPH-1	DETENTION RECESSED TOILET PAPER HOLDER
DTPH-2	DETENTION SURFACE MOUNTE TOILET PAPER HOLDER
TS	IN-TUB ACCESSIBLE SEAT
US	UTILITY SHELF
WR	WASTE RECEPTACLE

ACCESS COMPLIANCE NOTES

A. THIS BUILDING AND SITE SHALL COMPLY WITH THE MORE RESTRICTIVE REQUIREMENTS FROM THE UNIFORM FEDERAL ACCESS STANDARD (AMERICANS WITH DISABILITIES ACT) OR THE STATE OF CALIFORNIA BUILDING CODE, PART 2, TITLE 24 AS FOLLOWS:

B. ACCESSIBLE DOORS SHALL BE 3'-0" x 6'-8" MINIMUM AND SHALL BE LATCHLESS WITH PUSH BAR(S) OR PUSH PLATE(S) OR SHALL HAVE LEVER HANDLE, PUSH-PULL OR PANIC TYPE BAR(S). DOOR HARDWARE MOUNTING, THRESHOLD, FLOOR ELEVATION CHANGES, AND CLEAR SPACE REQUIREMENTS SHALL COMPLY WITH DETAILS AND CBC 11B-404. DOOR OPENINGS SHALL PER CBC 11B 404.2.3, A CLEAR WIDTH OF 32 INCHES 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. SEE FLOOR PLAN FOR DOOR SWING.

C. MAXIMUM EFFORT TO OPERATE INTERIOR DOORS IS TO BE 5 POUNDS; FOR EXTERIOR AND INTERIOR DOORS, 5 POUNDS; FOR REQUIRED FIRE DOORS, WHERE THEY OCCUR, 15 POUNDS. MAXIMUM EFFORT TO OPERATE THE DOOR MAY BE INCREASED TO THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY AND /OR ENFORCEMENT AGENCY, NOT TO EXCEED 15 LBS. EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT ANY SPECIAL KNOWLEDGE OR EFFORT.

D. STAIR TREAD SURFACES SHALL BE SLIP-RESISTANT. STRIPING FOR THE VISUALLY IMPAIRED SHALL BE OF MATERIAL THAT IS AT LEAST AS SLIP-RESISTANT AS THE OTHER TREADS OF THE STAIR.

E. SLOPE REQUIREMENTS FOR THIS PROJECT TO BE MEASURED FOR ACCESSIBILITY BY MEANS OF A 2' SMART LEVEL. NO OTHER METHODS WILL BE ACCEPTED TO VERIFY COMPLIANCE

GENERAL NOTES FOR ACCESSIBILITY

A. ACCESSIBLE URINAL WHERE PROVIDED SHALL PROVIDE CLEAR FLOOR SPACE PER CBC 11B-605.3.
B. ACCESSIBLE WATER CLOSETS SHALL PROVIDE CLEAR FLOOR SPACE PER CBC 11B-604.9.2
C. ACCESSIBLE LAVATORIES AND SINKS SHALL PROVIDE CLEAR FLOOR SPACE PER CBC 11B-606.2
D. ACCESSIBLE TOILET ROOMS SHALL PROVIDE A TURNING SPACE OF 60 INCHES IN DIAMETER PER CBC 11B-604.3.1.
E. ACCESSIBLE WATER FOUNTAINS SHALL PROVIDE CLEAR FLOOR SPACE PER CBC 11B-602.2.
F. ACCESSIBLE TOILET PARTITION WHERE PROVIDED SHALL COMPLY WITH CBC 11B-604.8.1
G. EXPOSED PIPES AND SURFACES UNDER LAVATORIES AND SINKS SHALL BE INSULATED PER CBC 11B-606.5
H. CALLOUTS ON PLANS INDICATE TYP. ITEMS, PROVIDE ALL ITEMS SHOWN FOR A COMPLETE INSTALLATION.
I. REFER TO FLOOR PLANS A2.1-A2.5 SERIES FOR ADDITIONAL DIMENSIONS AND INFORMATION.
J. ALL ACCESSIBLE CLEARANCES ARE MEASURED TO FACE OF FINISH
K. MAX 2% CROSS SLOPE AT ACCESSIBLE ROUTE, REFER TO NOTE E (G0.2) ACCESS COMPLIANCE NOTES.

CONSTRUCTION DOCUMENTS

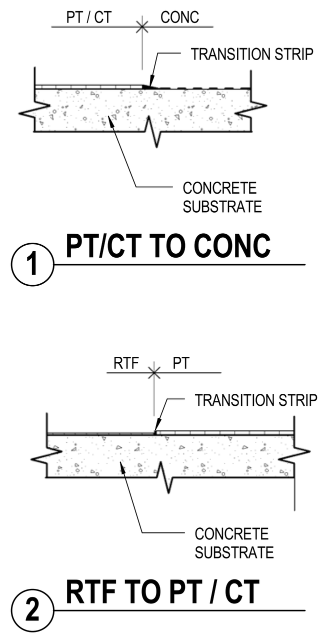
5325 BRODER BLVD, DUBLIN, CA 94568

ACCESSIBILITY DETAILS
ALAMEDA CO. - SANTA RITA JAIL

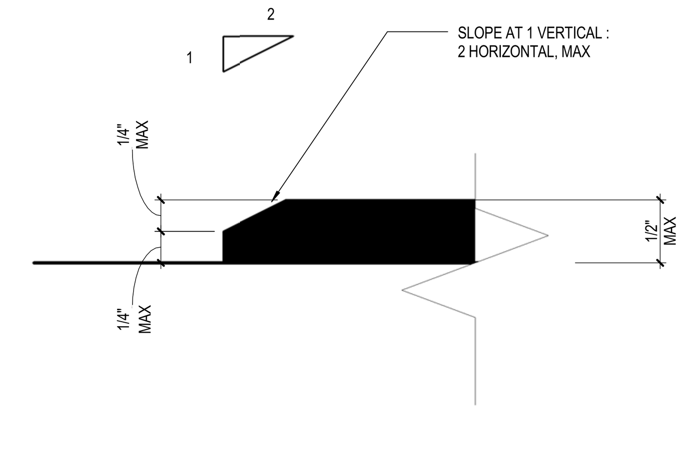
G0.2
75-17108-00
09-22-2017
Revisions

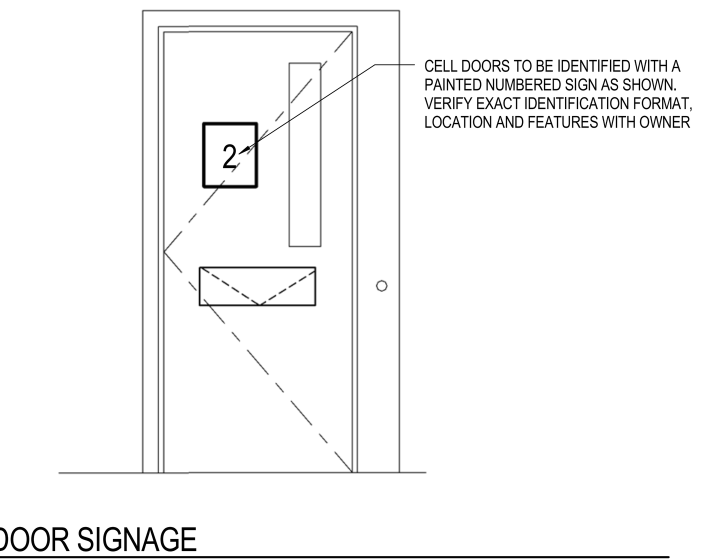
LICENSED ARCHITECT
ANDREW M. CUPPLES
C-25293
06/30/2019
STATE OF CALIFORNIA

DLR Group
Architecture Engineering Planning Interiors

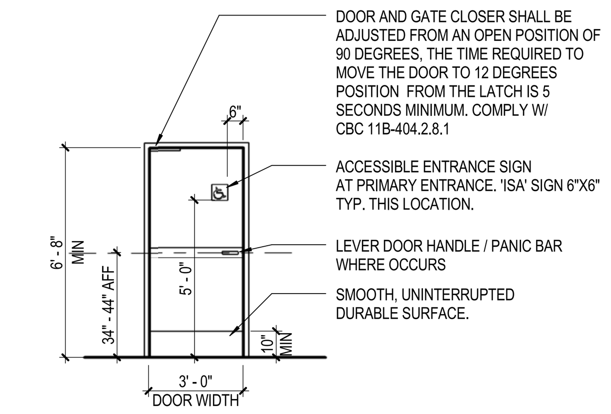


13 / G0.3 TYPICAL FLOOR TRANSITIONS
SCALE: 1 1/2" = 1'-0"

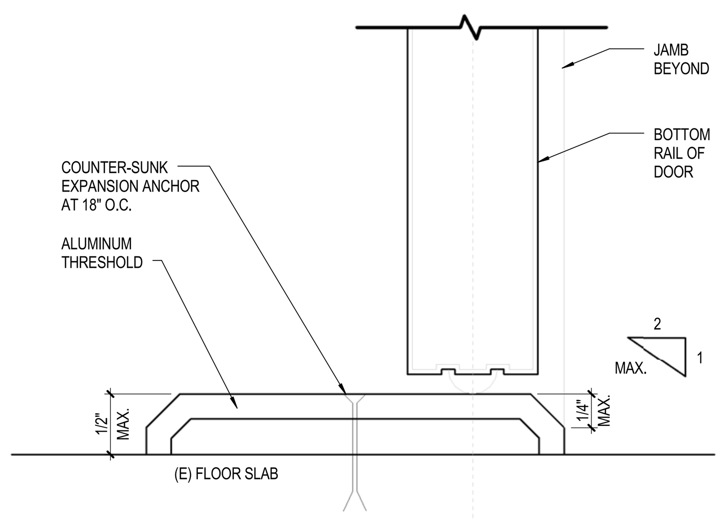




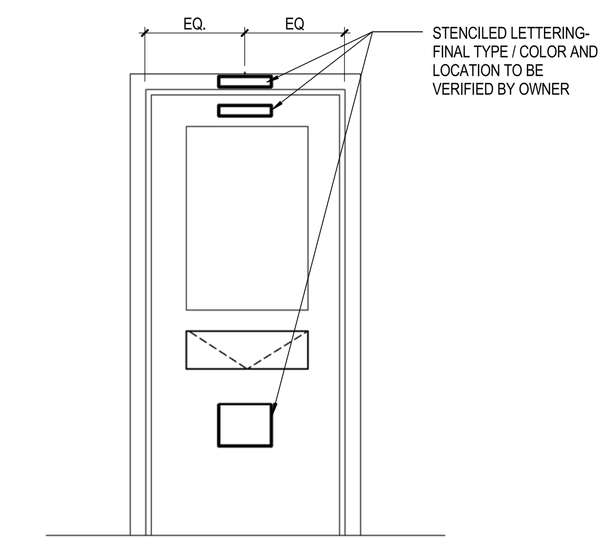
15 / G0.3 DOOR SIGNAGE
SCALE: 1/2" = 1'-0"



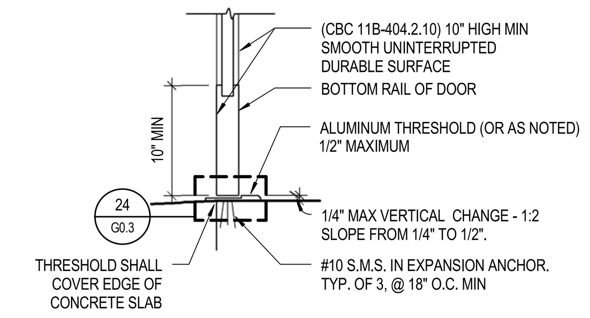
ENTRANCE/EXIT DOOR NOT USED



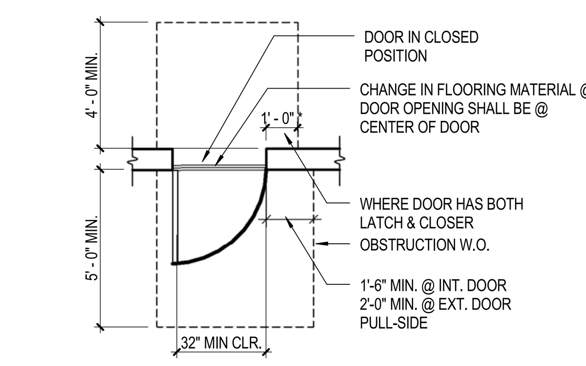
24 / G0.3 THRESHOLD
SCALE: 12" = 1'-0"



25 / G0.3 DOOR SIGNAGE
SCALE: 1/2" = 1'-0"

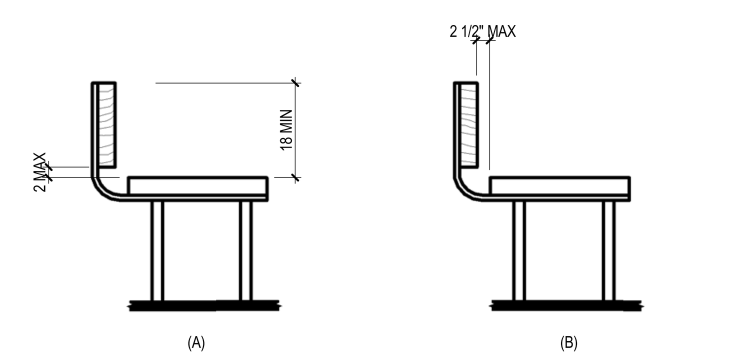


THRESHOLD (EXTERIOR DOOR)



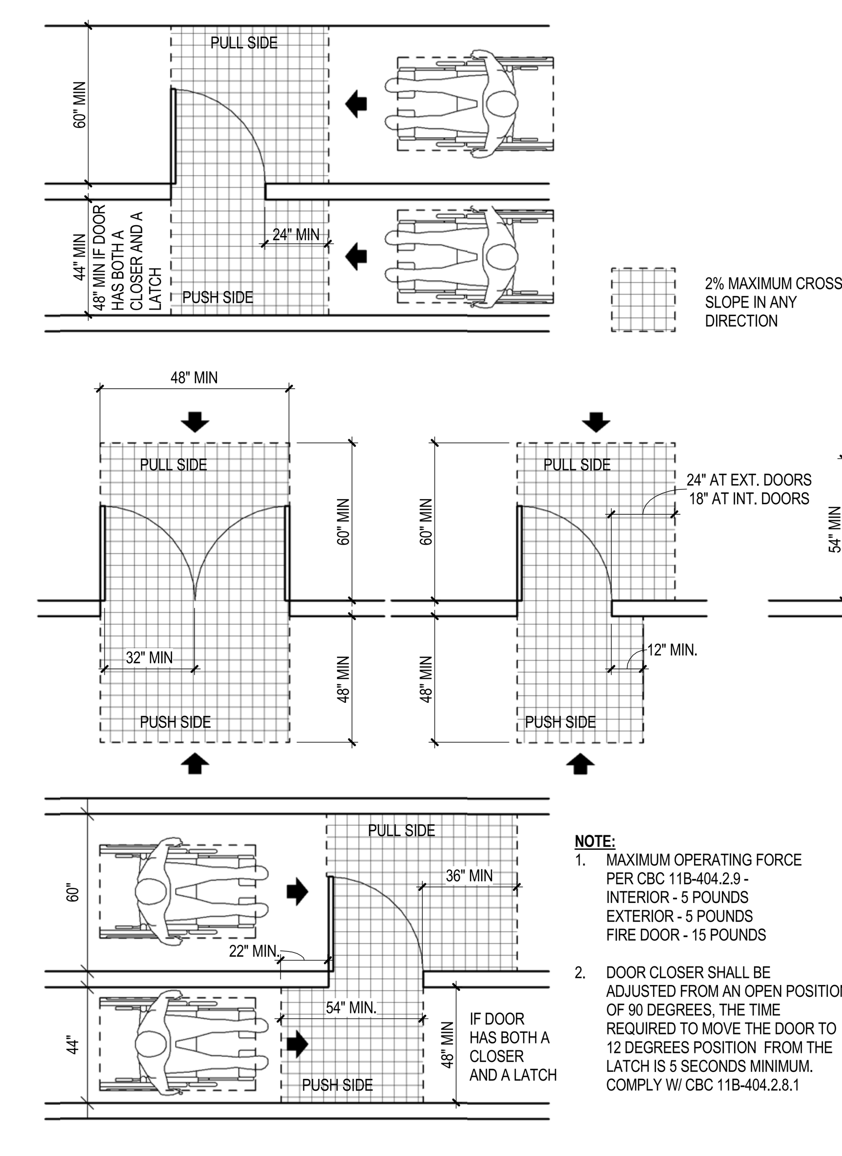
TYP. FRONT-APPROACH MANEUVERING CLEARANCE AT DOOR
CBC 11B-404.2.4.1

26 / G0.3 ACCESSIBLE DOORS
SCALE: 1/4" = 1'-0"



NOTE:
1. 11B-903.3 SIZE. BENCHES SHALL HAVE SEATS THAT ARE 48" LONG MINIMUM AND 20" DEEP MINIMUM AND 24" DEEP MAXIMUM.
2. 11B-903.5 HEIGHT. TOP OF BENCH SEAT SURFACE SHALL BE 17" MINIMUM AND 19" MAXIMUM A.F.F OR GROUND.
3. 11B-903.4 BACK SUPPORT. THE BENCH SHALL BE AFFIXED TO A WALL ALONG ITS LONG DIMENSION.
4. STRUCTURAL STRENGTH OF BENCHES PER CBC 11B-903.6
5. CLEAR FLOOR OR GROUND SPACE PER CBC 11B-903.2

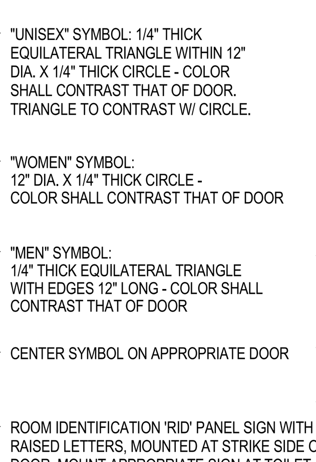
34 / G0.3 BACK BENCH SUPPORT
SCALE: 1/2" = 1'-0"



NOTE:
1. MAXIMUM OPERATING FORCE PER CBC 11B-404.2.9 - INTERIOR - 5 POUNDS EXTERIOR - 5 POUNDS FIRE DOOR - 15 POUNDS
2. DOOR CLOSER SHALL BE ADJUSTED FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO 12 DEGREES POSITION FROM THE LATCH IS 5 SECONDS MINIMUM. COMPLY W/ CBC 11B-404.2.8.1

45 / G0.3 DOOR CLEARANCES
SCALE: 1/4" = 1'-0"

TRDS: APPLY SYMBOLS TO RESTROOM DOORS AS FOLLOWS:



"UNISEX" SYMBOL: 1/4" THICK EQUILATERAL TRIANGLE WITHIN 12" DIA. X 1/4" THICK CIRCLE - COLOR SHALL CONTRAST THAT OF DOOR. TRIANGLE TO CONTRAST W/ CIRCLE.

"WOMEN" SYMBOL: 12" DIA. X 1/4" THICK CIRCLE - COLOR SHALL CONTRAST THAT OF DOOR

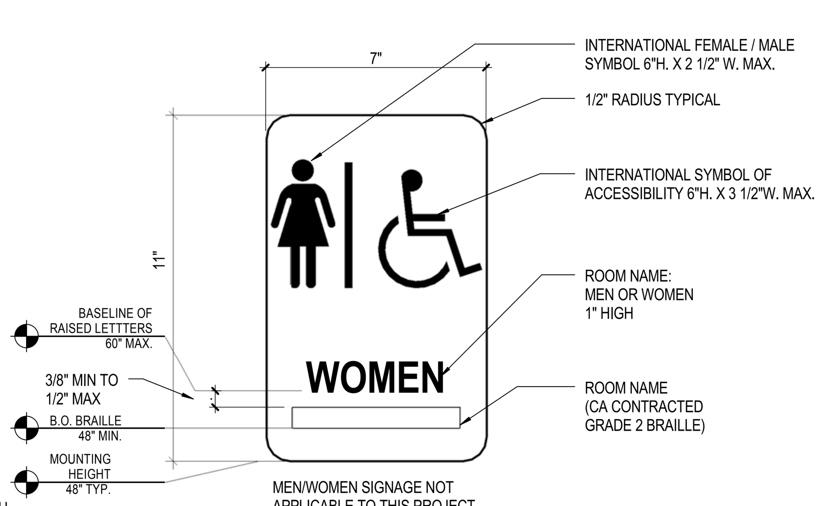
"MEN" SYMBOL: 1/4" THICK EQUILATERAL TRIANGLE WITH EDGES 12" LONG - COLOR SHALL CONTRAST THAT OF DOOR

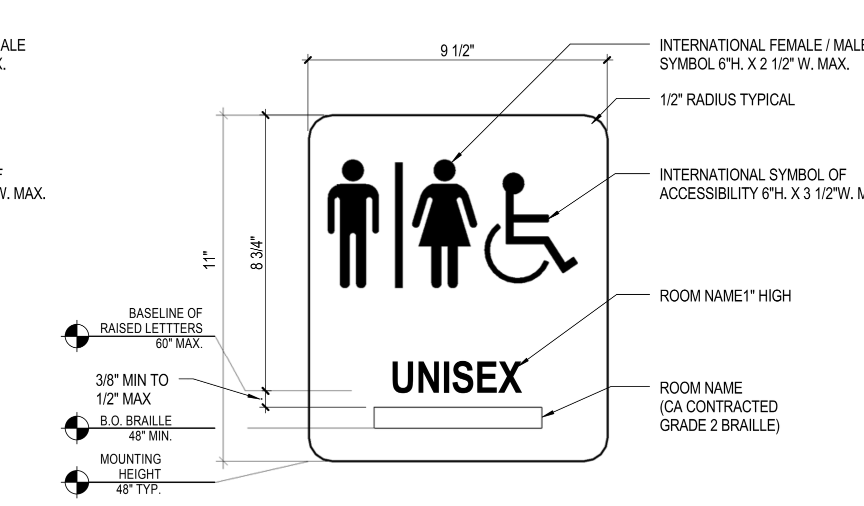
CENTER SYMBOL ON APPROPRIATE DOOR

ROOM IDENTIFICATION 'RID' PANEL SIGN WITH RAISED LETTERS, MOUNTED AT STRIKE SIDE OF DOOR. MOUNT APPROPRIATE SIGN AT TOILET ROOM, OFFICE OR OTHER ROOM

PER CBC-11B-703.7.2.6 - TOILET ROOM GEOMETRIC SYMBOLS TO BE MOUNTED AT 58 INCHES MINIMUM AND 60 INCHES MAXIMUM ABOVE FINISHED FLOOR MEASURED FROM THE CENTERLINE OF THE SYMBOL.

54 / G0.3 TOILET ROOM DOOR SIGNAGE "TRDS"
SCALE: 1/4" = 1'-0"





NOTES:
INSTALL SIGNAGE ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. CENTER OF SIGN SHALL BE 14" MAX. FROM DOOR SWING. WHERE THERE IS NO WALL SPACE LATCH SIDE OF THE DOOR, INCLUDING DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL AND APPROVED IN ADVANCE BY THE ARCHITECT. MOUNTING HEIGHT SHALL BE 60" FROM THE FLOOR TO THE CENTERLINE OF THE SIGN.

SIGNAGE MUST MEET A.D.A. & CBC TITLE 24 REQUIREMENTS AND COMPLY WITH CBC 11B-703 FOR RAISED CHARACTERS AND PICTORIAL SYMBOL SIGNS TEXT TO BE TACTILE, RAISED 5/8" MIN., MAXIMUM OF 2" HIGH

55 / G0.3 TOILET ROOM SIGNAGE "TRS"
SCALE: 3" = 1'-0"

CONSTRUCTION DOCUMENTS

5325 BRODER BLVD.
DUBLIN, CA 94568

ACCESSIBILITY DETAILS
ALAMEDA CO. - SANTA RITA JAIL

G0.3
75-17108-00
09-22-2017
Revisions

LICENSED ARCHITECT
ANDREW M. CUPPER
C-25293
06/30/2019
STATE OF CALIFORNIA

DLR Group
Architecture Engineering Planning Interiors

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DLR Group Barrier Matrix

where		what					how			
Dept	Room #	Issue Type	Item 1	Item 2	Issue	Code Required	Solution Code	Corrective Action Category	Corrective Action	Corrective Action Comments
Exterior	NA	A	Bleacher	Access	Not provided	Provide	E.03	Bleacher access	Provide	
Exterior	NA	A	Bleacher	Seating	Not provided	Provide	E.02	Bleacher seating	Provide	Wheel chair space with companion se
Exterior	NA	A	Exercise Area	Design	Not compliant design	Compliant design required	E.01	Exercise area	Provide	with 5 equipment pieces
Exterior	NA	A	Exercise Area	Design	Not compliant design	Compliant design required	E.01	Exercise area	Provide	with 5 equipment pieces
ITR	1518	A	Bench	Depth	< 16" depth	20" min - 24" max required	I.01	Bench	Retrofit	With steel bench or concrete
ITR	1518	A	Bench	Height	< 17" AFF	17" - 19" AFF required	I.01	Bench	Retrofit	With steel bench or concrete
ITR	1518	A	Door	Vision panel hgt	51" AFF	43" max AFF	H.04	Door leaf	Replace	
ITR	1518	A	Flush valve	Open side	FV is located at WC CL	To be on open side	H.12	FV	Relocate	
ITR	1518	A	Grab bar	WC rear, location	21.75" from WC CL @ open side	24" min from CL	H.20	GB back	Relocate	
ITR	1518	A	Phone	Controls	50" AFF	48" AFF reach max	H.30	Phone	Defer to Facility & Vendor	
ITR	1518	A	Phone	Cord	Too short	Cord length to be 29" min	H.30	Phone	Defer to Facility & Vendor	
ITR	1518	A	Phone	Signage	Where TTY occurs no "instructions"	TTY instructions required	H.30	Phone	Defer to Facility & Vendor	
ITR	1518	A	Phone	Type	TTY capabilities missing	TTY required	H.30	Phone	Defer to Facility & Vendor	
ITR	1518	A	Toilet paper holder		Missing	Required	H.06	Sleeve	Install	recessed into adj wall
ITR	1518	A	Water closet	Centerline	CL @ 18.25"	17"-18"	I.05	WC	Relocate	
ITR	1518	A	Water closet	Clear space	Lav < 60" from corner	60"min from corner	H.38	Lav	Relocate	
ITR	1518	A	Water closet	Height	Seat 19.75" AFF	17"-19"	I.05	WC	Replace	
ITR	1518	L-R	Grab bar	WC rear, type	Able to be tied around	BSCC anti-ligature issue	H.20	GB back	Retrofit/Replace	
ITR	1524	A	Bench	Depth	< 16" depth	20" min - 24" max required	I.01	Bench	Retrofit	With steel bench or concrete
ITR	1524	A	Bench	Height	< 17" AFF	17" - 19" AFF required	I.01	Bench	Retrofit	With steel bench or concrete
ITR	1524	A	Door	Transition	Threshold profile not compliant	To comply	I.13	Door transition	Replace/reset	
ITR	1524	A	Door	Vision panel hgt	45.5" AFF	43" max AFF	H.04	Door leaf	Replace	
ITR	1524	A	Floor drain		> 2% cross slope	2% max	I.12	Floor	Bush slab	And refinish the floor
ITR	1524	A	Flush valve	Open side	FV is located at WC closed side	To be on open side	H.05	WC/Lav Comby	Replace	Confirm FV location setup on open sid
ITR	1524	A	Grab bar	WC, rear	Missing	Provide compliant GB	H.05	WC/Lav Comby	Replace	With integral rear GB
ITR	1524	A	Grab bar	WC, side	Missing	Provide compliant GB	H.08	GB side	Provide	
ITR	1524	A	Lavatory	Clear space	End wall obstructs lav approach	30" x 48" clear	I.11	Bench/end wall	Selective demo	
ITR	1524	A	Lavatory	Clear space	WC obstructs lav approach	30" x 48" clear	H.05	WC/Lav Comby	Replace	
ITR	1524	A	Lavatory	Depth	0"	17" min - 19" max allowed	H.05	WC/Lav Comby	Replace	
ITR	1524	A	Lavatory	Profile	0" AFF	29" AFF min at leading edge	H.05	WC/Lav Comby	Replace	
ITR	1524	A	Phone	Controls	57.5" AFF	48" AFF reach max	H.30	Phone	Defer to Facility & Vendor	
ITR	1524	A	Phone	Cord	Too short	Cord length to be 29" min	H.30	Phone	Defer to Facility & Vendor	
ITR	1524	A	Phone	Signage	Where TTY occurs no "instructions"	TTY instructions required	H.30	Phone	Defer to Facility & Vendor	
ITR	1524	A	Phone	Type	TTY capabilities missing	TTY required	H.30	Phone	Defer to Facility & Vendor	
ITR	1524	A	Signage	Font, font size, contrast	Font too small for AFF hgt	Font size to be revised for hgt	I.14	Signage	Replace	Facility to develop sign program
ITR	1524	A	Signage	Not ADA legible	Font, font size, contrast	See codes	I.14	Signage	Replace	Facility to develop sign program
ITR	1524	A	Toilet paper holder	Location	Behind WC	At adj wall in front of WC	H.06	Sleeve	Install	recessed into adj wall
ITR	1524	A	Water closet	Centerline	20.25" from wall, 19" from wain	17"-18"	H.05	WC/Lav Comby	Replace	
ITR	1524	A	Water closet	Clear space	14.25" from WC CL to bench end wall	60"min from corner	I.11	Bench/end wall	Selective demo	
ITR	1524	A	Water closet	Height	Seat 15" AFF	17"-19"	H.05	WC/Lav Comby	Replace	
ITR	1524	L-R	Lavatory	Type	Able to be tied around	BSCC anti-ligature issue	H.05	WC/Lav Comby	Replace	
ITR	1531	A	Bench	Depth	< 16" depth	20" min - 24" max required	I.01	Bench	Retrofit	With steel bench or concrete
ITR	1531	A	Bench	Height	< 17" AFF	17" - 19" AFF required	I.01	Bench	Retrofit	With steel bench or concrete
ITR	1531	A	Door	Hardware	Door hardware is a knob type	Lever hardware or none	I.17	Door hardware	Replace	
ITR	1531	A	Door	Vision panel hgt	46" AFF	43" max AFF	H.04	Door leaf	Replace	
ITR	1531	A	Flush valve	Open side	FV is located at WC CL	To be on open side	H.12	FV	Relocate	
ITR	1531	A	Grab bar	WC rear, location	22.25" from WC CL @ open side	24" min from CL	H.20	GB back	Relocate	
ITR	1531	A	Grab bar	WC side, location	51.5" from corner	54" min	H.08	GB side	Relocate	
ITR	1531	A	Lavatory	Depth	16.75"	17" min - 19" max allowed	H.38	Lav	Replace	
ITR	1531	A	Lavatory	Profile	27.25" AFF	29" AFF min at leading edge	H.38	Lav	Adjust hgt	
ITR	1531	A	Toilet paper holder		Missing	Required	H.06	Sleeve	Install	recessed into adj wall
ITR	1531	A	Water closet	Centerline	CL @ 18.25"	17"-18"	I.05	WC	Relocate	
ITR	1531	A	Water closet	Clear space	Lav is 45" from corner	60"min from corner	H.38	Lav	Relocate	
ITR	1531	A	Water closet	Height	Seat @ 20" AFF	17"-19"	I.05	WC	Replace	
ITR	1531	L-R	Door	Hardware	Able to be tied around	BSCC anti-ligature issue	I.17	Door hardware	Remove	
ITR	1531	L-R	Flush valve	Type	Able to be tied around	BSCC anti-ligature issue	H.12	FV	Replace	
ITR	1531	L-R	Grab bar	WC rear, type	Able to be tied around	BSCC anti-ligature issue	H.20	GB back	Retrofit/Replace	
ITR	1531	L-R	Grab bar	WC side, type	Able to be tied around	BSCC anti-ligature issue	I.07	GB side	Retrofit/Replace	
ITR	1531	L-R	Lavatory	Type	Able to be tied around	BSCC anti-ligature issue	H.38	Lav	Replace	
OPHU	1101	A	Door	Vision panel hgt	> 43" AFF	43" max AFF	H.04	Door leaf	Replace	
OPHU	1101	A	Flush valve	Open side	FV is located at WC CL	To be on open side	H.12	FV	Relocate	
OPHU	1101	A	Grab bar	Tub control wall	Missing	12"L @ 33"-36" AFF	O.54	GB tub control wall	Provide/install	
OPHU	1101	A	Grab bar	Tub head wall, high	Missing	24"L @ 33"-36" AFF	O.53	GB tub head wall, high	Provide/install	
OPHU	1101	A	Grab bar	Tub side wall, high	Missing	24"L @ 33"-36" AFF	O.53	GB tub side wall, high	Provide/install	
OPHU	1101	A	Grab bar	WC rear, location	< 24" from WC CL @ open side	24" min from CL	H.20	GB back	Relocate	
OPHU	1101	A	Grab bar	WC side, location	<54" from corner	54" min	H.08	GB side	Relocate	
OPHU	1101	A	Lavatory	Clear space	WC obstructs lav approach	30" x 48" clear	H.38	Lav	Relocate	
OPHU	1101	A	Lavatory	Depth	16.75"	17" min - 19" max allowed	H.38	Lav	Replace	
OPHU	1101	A	Lavatory	Profile	<29" AFF @ leading edge	29" AFF min at leading edge	H.38	Lav	Adjust hgt	
OPHU	1101	A	Outlet(s)	Lavatory, front reach	> 46" AFF, side reach	46" AFF max side reach	O.28	Outlet @ lav	Relocate/adjust height	with lav
OPHU	1101	A	Shower	Control height	> 48" AFF	39" - 41" AFF to centerline	H.22	Shower controls	Adjust htg	
OPHU	1101	A	Shower	Control height	> 48" AFF	39" - 41" AFF to centerline	H.22	Shower controls	Adjust htg	
OPHU	1101	A	Shower	Design	Not compliant size/shape	Use compliant size/shape	H.21	Shower design	Redesign/relocate	
OPHU	1101	A	Shower	Design	Not compliant size/shape	Use compliant size/shape	H.21	Shower design	Redesign/relocate	
OPHU	1101	A	Shower	Floor slope	> 2% cross slope	2% max slope in any direction	H.40	Shower floor slope	Reinstall/relocate	With new shower location
OPHU	1101	A	Shower	Floor slope	> 2% cross slope	2% max slope in any direction	H.40	Shower floor slope	Reinstall/relocate	With new shower location
OPHU	1101	A	Tub	Controls height	> 36" AFF	36" AFF max	O.46	Tub controls	Adjust hgt	
OPHU	1101	A	Tub	Controls locations	On closed side of tub	On open side	O.46	Tub controls	Relocate	
OPHU	1101	A	Tub	Height	>19" AFF	17"-19"AFF	O.57	Tub	Replace/adjust hgt	To allow transfer
OPHU	1101	A	Water closet	Approach	Lav/wall < 48" from front of WC	48" min in front of WC	I.05	WC	Relocate	
OPHU	1101	A	Water closet	Height	Seat > 19" AFF	17"-19"	I.05	WC	Replace	
OPHU	1101	L-R	Flush valve	Type	Able to be tied around	BSCC anti-ligature issue	H.12	FV	Replace	
OPHU	1101	L-R	Grab bar	Shower back, type	Able to be tied around	BSCC anti-ligature issue	H.23	GB shower back	Replace/resize/relocate	with new shower location
OPHU	1101	L-R	Grab bar	Shower back, type	Able to be tied around	BSCC anti-ligature issue	H.23	GB shower back	Replace/resize/relocate	with new shower location
OPHU	1101	L-R	Grab bar	Shower side, type	Able to be tied around	BSCC anti-ligature issue	H.23	GB shower side	Replace/resize/relocate	with new shower location
OPHU	1101	L-R	Grab bar	Shower side, type	Able to be tied around	BSCC anti-ligature issue	H.23	GB shower side	Replace/resize/relocate	with new shower location
OPHU	1101	L-R	Grab bar	Tub head wall, low	Able to be tied around	BSCC anti-ligature issue	O.53	GB tub head wall, low	Retrofit/Replace	
OPHU	1101	L-R	Grab bar	Tub side wall, low	Able to be tied around	BSCC anti-ligature issue	O.53	GB tub side wall, low	Retrofit/Replace	
OPHU	1101	L-R	Grab bar	WC rear, type	Able to be tied around	BSCC anti-ligature issue	H.20	GB back	Retrofit/Replace	
OPHU	1101	L-R	Grab bar	WC side, type	Able to be tied around	BSCC anti-ligature issue	I.07	GB side	Retrofit/Replace	
OPHU	1101	L-R	Lavatory	Type	Able to be tied around	BSCC anti-ligature issue	H.38	Lav	Replace	
OPHU	1101	L-R	Shower	Control type	Able to be tied around	BSCC anti-ligature issue	H.22	Shower controls	Replace	
OPHU	1101	L-R	Shower	Control type	Able to be tied around	BSCC anti-ligature issue	H.22	Shower controls	Replace	
OPHU	1101	L-R	Tub	Control type	Able to be tied around	BSCC anti-ligature issue	O.46	Tub controls	Replace	
OPHU	1122	A	Call button	Height	55" AFF	42" max as per settlement terms	H.24	Call button	Adjust hgt	
OPHU	1122	A	Door	Hardware	Door hardware is a knob type	No grasping hardware required	I.17	Door hardware	Replace	
OPHU	1122	A	Door	In series	Two doors < 48" apart	48" min distance rquired	H.03	Dr frame spacing	Adjust/redesign	
OPHU	1122	A	Door	Vision panel hgt	> 43" AFF	43" max AFF	H.04	Door leaf	Replace	
OPHU	1122	A	Door	Vision panel hgt	> 43" AFF	43" max AFF	H.04	Door leaf	Replace	
OPHU	1122	A	Path of travel	Turn radius	59.5" width in vestibule	60" turn radius required	O.59	Walls	Redesign/relocate	
OPHU	1122	A	Path of travel	Width	Vestibule chairs obstruct POT	36" min clear POT	O.02	Chair	Remove	
OPHU	1122	A	Phone/video	Clear space	Encroached upon by adj drs	30"x48" clear (no dr swing)	O.33	Phone/video clr flr space	redesign/remove	
OPHU	1122	A	Phone/video	Clear space	Encroached upon by adj drs	30"x48" clear (no dr swing)	O.33	Phone/video clr flr space	redesign/remove	
OPHU	1122	L-R	Phone/video	Cables	Able to be tied around	BSCC anti-ligature issue	O.32	Phone/video cables	Recess/conceal	
OPHU	1122	L-R	Phone/video	Type	Able to be tied around	BSCC anti-ligature issue	H.28	Phone/video	Replace	
OPHU	1122	L-R	Phone/video	Type	Able to be tied around	BSCC anti-ligature issue	H.28	Phone/video	Replace	
OPHU	1143	A	Door	Hardware	Door hardware is a knob type	No grasping hardware required	I.17	Door hardware	Replace	
OPHU	1143	A	Door	Vision panel hgt	> 43" AFF	43" max AFF	H.04	Door leaf	Replace	
OPHU	1143	A	Electrical control(s)	Heights	Control at light fixture	48" AFF to top of J box, max	H.09	Electrical controls	Adjust height	Separate from light fixture
OPHU	1143	A	Flush valve	Open side	FV is located at WC closed side	To be on open side	H.05	WC/Lav Comby	Replace	Confirm FV location setup on open sid
OPHU	1143	A	Grab bar	WC, rear	Missing	Provide compliant GB	H.05	WC/Lav Comby	Replace	With integral rear GB
OPHU	1143	A	Grab bar	WC, side	Missing	Provide compliant GB	H.08	GB side	Provide	
OPHU	1143	A	Lavatory	Design	Not compliant design	Compliant design required	H.05	WC/Lav Comby	Redesign	Never intended as an accessible item/
OPHU	1143	A	Light	Projection	>4" projection between 27"-80" AFF	4" max between 27"-80" AFF	H.10	Light	Replace or relocate	
OPHU	1143	A	Mirror	Height	>40" AFF to bottom	40" max to reflective surface	H.07	Mirror	Relocate/adjust hgt	
OPHU	1143	A	Toilet paper holder	Location	Behind WC	At adj wall in front of WC	H.06	Sleeve	Install	recessed into adj wall
OPHU	1143	A	Water closet	Design	Not compliant design	Compliant design required	H.05	WC/Lav Comby	Redesign	Never intended as an accessible item/
OPHU	1143	L-R	Door	Hardware	Able to be tied around	BSCC anti-ligature issue	I.17	Door hardware	Remove	
OPHU	1122A	A	Call button	Height	50" AFF	42" max as per settlement terms	H.24	Call button	Adjust hgt	
OPHU	1122A	A	Door	Clear space	Obstructed by table	12" min @ strike/push	O.47	Table	Remove	
OPHU	1122A	A	Door	Hardware	Door hardware is a knob type	No grasping hardware required	I.17	Door hardware	Replace	
OPHU	1122A	A	Path of travel	Turn radius	Obstructed by table	60" turn radius required	O.47	Table	Remove	
OPHU	1122A	L-R	Phone	Type	Able to be tied around	BSCC anti-ligature issue	H.30	Phone	Defer to Facility & Vendor	
OPHU	1122B	A	Call button	Height	55" AFF	42" max as per settlement terms	H.24	Call button	Adjust hgt	
OPHU	1122B	A	Door	Clear space	2"	12" min @ strike/push	H.03	Door frame	Relocate/redesign	
OPHU	1122B	A	Door	Hardware	Door hardware is a knob type	No grasping hardware required	I.17	Door hardware	Replace	
OPHU	1122B	A	Door	Vision panel hgt	> 43" AFF	43" max AFF	H.04	Door leaf	Replace	
OPHU	1122B	A	Path of travel	Width	<32 between stool and wall	32" min required	O.01	Stool	Remove	

LEGEND NOTES

LEGEND NOTES ARE COMMON TO ALL
SOME NOTES MAY NOT APPLY TO THIS SHEET

ISSUE TYPE

A ACCESSIBILITY LITIGATION ISSUE
C CLIENT REQUESTED ISSUE
L-R LIGATURE ISSUE RELATED TO AN ACCESSIBILITY ISSUE
L-U LIGATURE ISSUE UNRELATED TO AN ACCESSIBILITY ISSUE
O OTHER ISSUE
S SECURITY ISSUE

CELL BUNDLES

CB0=104, 105B
CB1=A2, A3, A4, A5, A6, A7
CB2=A2, A3, A4, A5, F4, F5, F6, F7
CB3=A2, A3, A4, A5, A6, A7, F4, F5, F6, F7
CB4=F2, F3, F4, F5, F6, F7
CB5=A2, A3, A4, A5, F6, F7
CB6=B18, B19, B20, B221, B22, B23
CB7=A2, A3, A4, A5, A6, A7, B22, B23
CB8=F6, F7
CB9=108, 115
CBA=132, 133
CBB=134, 139

DORM BUNDLES

DB1=A1, A2, C1, C2
DB2=A1, A2
DB3=F1, F2

MASTER KEYNOTE DISCLAIMER

MASTER KEYNOTES ARE INTENDED TO IDENTIFY A GENERAL DESIGN INTENT WORK SCOPE TASK. AS SUCH, REFER TO THE ASSOCIATED BARRIERS AND BARRIER CORRECTIVE ACTIONS THEREIN FOR A MORE DETAILED DESCRIPTION OF THE SPECIFIC WORK SCOPE TASKS. ALSO REFER TO THE ENLARGED DRAWINGS WHICH ILLUSTRATE THE OVERARCHING WORK SCOPE WITHIN THE SPACES IN QUESTION FOR CONTEXT REGARDING EACH INSTALLATION.

CONSTRUCTION DOCUMENTS

5325 BRODER BLVD,
DUBLIN, CA 94568

BARRIER LIST AND SOLUTIONS
ALAMEDA CO. - SANTA RITA JAIL

G0.4
75-17108-00
09-22-2017
Revisions

LICENSED ARCHITECT
ANDREW M. CUPPLES
C-25293
06/30/2019
STATE OF CALIFORNIA

DLR Group
Architecture Engineering Planning Interiors

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DLR Group Barrier Matrix

references	where																		what					how			
Room Type	Dept	Unit	House Type	Pod	Room #	Typical	Unit 1	Unit 6	Unit 7	Unit 8	Unit 9	Unit 21	Unit 22	Unit 23	Unit 24	Unit 25	Unit 33	Unit 34	Unit 35	Issue Type	Item 1	Item 2	Issue	Code Required	Solution Code	Corrective Action Category	Corrective Action	Corrective Action Comments
Quasi Yard	Housing	NA	NA	NA	NA	x	146	146	146	146	146	146	146	146	146	146	146	146	146	A	Grab bar	WC, rear	Missing	Required	H.20	GB back	Provide	
Quasi Yard	Housing	NA	NA	NA	NA	x	146	146	146	146	146	146	146	146	146	146	146	146	146	A	Grab bar	WC, side	Missing	Required	H.08	GB side	Provide	
Quasi Yard	Housing	NA	NA	NA	NA	x	146	146	146	146	146	146	146	146	146	146	146	146	146	A	Water closet	Design	Not compliant design	Compliant design required	H.18	WC stall	Redesign	Never intended as an accessible item/
Quasi Yard	Housing	NA	NA	NA	NA	x	146	146	146	146	146	146	146	146	146	146	146	146	146	A	Water fountain	High	Missing	Required	H.33	WF high	Provide	
Quasi Yard	Housing	NA	NA	NA	NA	x	146	146	146	146	146	146	146	146	146	146	146	146	146	A	Water fountain	Profile	leading edge 26.5" AFF	27" AFF required	H.31	WF	Adjust hgt	
Quasi Yard	Housing	NA	NA	NA	NA	x	146	146	146	146	146	146	146	146	146	146	146	146	146	A	Water fountain	Stream	Not within 5" of leading edge	5" backset at stream	H.34	WF spout	Adjust	
Quasi Yard	Housing	NA	NA	NA	NA	x	146	146	146	146	146	146	146	146	146	146	146	146	146	L-R	Flush valve	Type	Able to be tied around	BSCC anti-ligature issue	H.12	FV	Replace	
Quasi Yard	Housing	NA	NA	NA	NA	x	146	146	146	146	146	146	146	146	146	146	146	146	146	L-R	Water fountain	Control type	Able to be tied around	BSCC anti-ligature issue	H.32	WF	Replace	both control and spicket are issues
Typical Cell Unit ADA Shower Area	Housing	NA	Cell	A	NA	x	117	117	117	117	117	117	117	117	117	-	-	-	-	A	Door	Transition	Exceeds 1/2" total hgt	1/4" max vert hgt, 1/2 max profile	H.37	Threshold	Feather/build up slab	
Typical Cell Unit ADA Shower Area	Housing	NA	Cell	A	NA	x	117	117	117	117	117	117	117	117	117	-	-	-	-	A	Grab bar	Shower extent	GB do not extend to required lengths	6" from corners of proper sized shwr	H.23	GB shower	Replace	
Typical Cell Unit ADA Shower Area	Housing	NA	Cell	A	NA	x	117	117	117	117	117	117	117	117	117	-	-	-	-	A	Shower	Approach	Not compliant end approach	Side approach required	H.21	Shower	Replace/redesign	
Typical Cell Unit ADA Shower Area	Housing	NA	Cell	A	NA	x	117	117	117	117	117	117	117	117	117	-	-	-	-	A	Shower	Clearance	Not complaint	30"x60" required min	H.21	Shower	Replace/redesign	
Typical Cell Unit ADA Shower Area	Housing	NA	Cell	A	NA	x	117	117	117	117	117	117	117	117	117	-	-	-	-	A	Shower	Control location	>27" from end wall	19" min-27" max from end wall	H.22	Shower controls	Relocate/replace	
Typical Cell Unit ADA Shower Area	Housing	NA	Cell	A	NA	x	117	117	117	117	117	117	117	117	117	-	-	-	-	L-R	Grab bar	Shower back, type	Able to be tied around	BSCC anti-ligature issue	H.23	GB shower back	Replace/resize/relocate	with new shower location
Typical Cell Unit ADA Shower Area	Housing	NA	Cell	A	NA	x	117	117	117	117	117	117	117	117	117	-	-	-	-	L-R	Grab bar	Shower side, type	Able to be tied around	BSCC anti-ligature issue	H.23	GB shower side	Replace/resize/relocate	with new shower location
Typical Cell Unit Dining Area	Housing	NA	Cell	NA	NA	x	132	132	CBA	CBA	132	CBA	132	CBA	132	-	-	-	-	A	ADA spaces	At tables	Only one complies	Three required	H.16	Table/stool	Retrofit	Remove middle stool location
Typical Cell Unit Living Area	Housing	NA	Cell	NA	NA	x	139	139	CBB	CBB	139	CBB	137	CBB	134	-	-	-	-	A	Hot water spicket	Height	54" AFF	48" max required	H.14	HW spicket	Replace/adjust hgt	
Typical Cell Unit Living Area	Housing	NA	Cell	NA	NA	x	139	139	CBB	CBB	139	CBB	137	CBB	134	-	-	-	-	A	Water fountain	High, height	>43" AFF	38"-43" AFF required	H.25	WF Combo	Replace	
Typical Cell Unit Living Area	Housing	NA	Cell	NA	NA	x	139	139	CBB	CBB	139	CBB	137	CBB	134	-	-	-	-	A	Water fountain	Impact protection	Guard rails are not provided	If no alcove, guard rails are required	H.19	Guard rails	Provide	
Typical Cell Unit Living Area	Housing	NA	Cell	NA	NA	x	139	139	CBB	CBB	139	CBB	137	CBB	134	-	-	-	-	A	Water fountain	Low, depth	<18" from wall	18"-19" required	H.25	WF Combo	Replace	
Typical Cell Unit Living Area	Housing	NA	Cell	NA	NA	x	139	139	CBB	CBB	139	CBB	137	CBB	134	-	-	-	-	A	Water fountain	Low, dist to vert unit	<15"	15" min required	H.25	WF Combo	Replace	
Typical Cell Unit Living Area	Housing	NA	Cell	NA	NA	x	139	139	CBB	CBB	139	CBB	137	CBB	134	-	-	-	-	A	Water fountain	Low, height	>36" AFF	36" max	H.25	WF Combo	Replace	
Typical Cell Unit Living Area	Housing	NA	Cell	NA	NA	x	139	139	CBB	CBB	139	CBB	137	CBB	134	-	-	-	-	A	Water fountain	Spout backset	> 5" from leading edge	5" max required	H.25	WF Combo	Replace	
Typical Cell Unit Non ADA Shower Area	Housing	NA	Cell	F	NA	x	-	-	CB0	CB0	-	CB0	-	CB0	-	-	-	-	-	A	Door	Transition	Exceeds 1/4" vert hgt	1/4" max vert hgt, 1/2 max profile	H.37	Threshold	Reset/replace	To be fully redesigned anyway
Typical Cell Unit Non ADA Shower Area	Housing	NA	Cell	F	NA	x	-	-	CB0	CB0	-	CB0	-	CB0	-	-	-	-	-	A	Shower	Design	Not compliant design	Compliant design required	H.21	Shower design	Redesign	Never intended as an accessible item/
Typical Cell Unit Non ADA Shower Area	Housing	NA	Cell	F	NA	x	-	-	CB0	CB0	-	CB0	-	CB0	-	-	-	-	-	A	Shower	Floor slope	> 2% cross slope	2% max slope in any direction	H.40	Shower floor slope	Reinstall/relocate	With new shower location
Typical Dormatory Unit	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	DB1	DB2	DB3	DB3	DB3	A	Bed	Clear space	Storage underneath the bed	Required to be clear	H.43	Beds	Omit storage under	
Typical Dormatory Unit	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	DB1	DB2	DB3	DB3	DB3	A	Bed	Height	Bed surface is <17"-19" AFF	17"-19"AFF required	H.39	Bed	Replace	Replace bunk for higher bottom bunk
Typical Dormatory Unit	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	DB1	DB2	DB3	DB3	DB3	A	Bed	Height	Bed surface is <17"-19" AFF	17"-19"AFF required	H.39	Bed	Replace	Replace bunk for higher bottom bunk
Typical Dormatory Unit	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	DB1	DB2	DB3	DB3	DB3	A	Bed	Height	Bed surface is <17"-19" AFF	17"-19"AFF required	H.39	Bed	Replace	Replace bunk for higher bottom bunk
Typical Dormatory Unit	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	DB1	DB2	DB3	DB3	DB3	A	Bed	Height	Bed surface is <17"-19" AFF	17"-19"AFF required	H.39	Bed	Replace	Replace bunk for higher bottom bunk
Typical Dormatory Unit	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	DB1	DB2	DB3	DB3	DB3	A	Bed	Height	Bed surface is <17"-19" AFF	17"-19"AFF required	H.39	Bed	Replace	Replace bunk for higher bottom bunk
Typical Dormatory Unit	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	DB1	DB2	DB3	DB3	DB3	A	Bed	POT width	<36" @ ends, < 44" in aisles	36" min @ end, 44" min in aisles	H.43	Beds	Relocate	
Typical Dormatory Unit	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	DB1	DB2	DB3	DB3	DB3	A	Bed	Wheel chair storage space	Wheel chair storage obstructs POT	POT required to be clear	H.41	Wheel chair storage area	Provide	
Typical Dormatory Unit	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	DB1	DB2	DB3	DB3	DB3	A	Call button	Height	>48" AFF	42" max as per settlement terms	H.24	Call button	Adjust hgt	
Typical Dormatory Unit	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	DB1	DB2	DB3	DB3	DB3	A	Door	Width	<32" clear width	32" min required	H.03	Door frame	Replace	
Typical Dormatory Unit	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	DB1	DB2	DB3	DB3	DB3	A	Phone	Controls	>48" AFF	48" AFF reach max	H.30	Phone	Defer to Facility & Vendor	2 phones in space, at intended accessi
Typical Dormatory Unit	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	DB1	DB2	DB3	DB3	DB3	A	Phone	Cord	Too short	Cord length to be 29" min	H.30	Phone	Defer to Facility & Vendor	2 phones in space, at intended accessi
Typical Dormatory Unit	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	DB1	DB2	DB3	DB3	DB3	A	Phone	Projection	>4" between 27" & 80" AFF	4" max or cane detection	H.30	Phone	Defer to Facility & Vendor	2 phones in space, at intended accessi
Typical Dormatory Unit	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	DB1	DB2	DB3	DB3	DB3	A	Phone	Signage	Where TTY occurs no "instructions"	TTY instructions required	H.30	Phone	Defer to Facility & Vendor	2 phones in space, at intended accessi
Typical Dormatory Unit	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	DB1	DB2	DB3	DB3	DB3	A	Phone	Type	TTY capabilities missing	TTY required	H.30	Phone	Defer to Facility & Vendor	2 phones in space, at intended accessi
Typical Dormatory Unit	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	DB1	DB2	DB3	DB3	DB3	A	Water fountain	High	Missing	Required	H.33	WF high	Provide	
Typical Dormatory Unit	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	DB1	DB2	DB3	DB3	DB3	A	Water fountain	Impact protection	Guard rails are not provided	If no alcove, guard rails are required	H.19	Guard rails	Provide	
Typical Dormatory Unit	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	DB1	DB2	DB3	DB3	DB3	L-R	Phone	Type	Able to be tied around	BSCC anti-ligature issue	H.30	Phone	Defer to Facility & Vendor	2 phone is space, at not accesssible ph
Typical Dormatory Unit	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	DB1	DB2	DB3	DB3	DB3	L-R	Water fountain	Spout type	Able to be tied around	BSCC anti-ligature issue	H.34	WF spout	Replace	
Typical Dormatory Unit Dining Area	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	133	132	133	133	133	A	ADA spaces	At tables	Only one complies	Four required	H.16	Table/stool	Retrofit	Remove middle stool location
Typical Dormatory Unit Dining Area	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	133	132	133	133	133	A	Call button	Height	>48" AFF	42" max as per settlement terms	H.24	Call button	Adjust hgt	
Typical Dormatory Unit Dining Area	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	133	132	133	133	133	A	Call button	Height	>48" AFF	42" max as per settlement terms	H.24	Call button	Adjust hgt	
Typical Dormatory Unit Dining Area	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	133	132	133	133	133	A	Hot water spicket	Height	54" AFF	48" max required	H.14	HW spicket	Replace/adjust hgt	
Typical Dormatory Unit Dining Area	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	133	132	133	133	133	A	Hot water spicket	Height	54" AFF	48" max required	H.14	HW spicket	Replace/adjust hgt	
Typical Dormatory Unit Dining Area	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	133	132	133	133	133	A	Hot water spicket	Reach	Reach over item >34"AFF	34" max hgt at reach over item	H.14	HW spicket	Relocate	
Typical Dormatory Unit Dining Area	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	133	132	133	133	133	A	Hot water spicket	Reach	Reach over item >34"AFF	34" max hgt at reach over item	H.14	HW spicket	Relocate	
Typical Dormatory Unit Dining Area	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	133	132	133	133	133	A	Water fountain	High, height	>43" AFF	38"-43" AFF required	H.25	WF Combo	Replace	
Typical Dormatory Unit Dining Area	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	133	132	133	133	133	A	Water fountain	High, height	>43" AFF	38"-43" AFF required	H.25	WF Combo	Replace	
Typical Dormatory Unit Dining Area	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	133	132	133	133	133	A	Water fountain	Impact protection	Guard rails are not provided	If no alcove, guard rails are required	H.19	Guard rails	Provide	
Typical Dormatory Unit Dining Area	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	133	132	133	133	133	A	Water fountain	Low, depth	<18" from wall	18"-19" required	H.25	WF Combo	Replace	
Typical Dormatory Unit Dining Area	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	133	132	133	133	133	A	Water fountain	Low, dist to vert unit	<15"	15" min required	H.25	WF Combo	Replace	
Typical Dormatory Unit Dining Area	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	133	132	133	133	133	A	Water fountain	Low, height	>36" AFF	36" max	H.25	WF Combo	Replace	
Typical Dormatory Unit Dining Area	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	133	132	133	133	133	A	Water fountain	Spout backset	> 5" from leading edge	5" max required	H.25	WF Combo	Replace	
Typical Dormatory Unit Restroom	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	145	140	145	145	145	A	Lavatory	Depth	16.75"	17" min - 19" max allowed	H.38	Lav	Replace	1 of 2 lavs to comply
Typical Dormatory Unit Restroom	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	145	140	145	145	145	A	Lavatory	Profile	22" AFF	29" AFF min at leading edge	H.38	Lav	Replace	1 of 2 lavs to comply
Typical Dormatory Unit Restroom	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	145	140	145	145	145	A	Mirror	Height	>40" AFF to bottom	40" max to reflective surface	H.07	Mirror	Relocate/adjust hgt	
Typical Dormatory Unit Restroom	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	145	140	145	145	145	A	Shower	Design	Not compliant design	Compliant design required	H.21	Shower design	Redesign/relocate	Never intended as an accessible item/
Typical Dormatory Unit Restroom	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	145	140	145	145	145	A	Shower	Floor slope	> 2% cross slope	2% cross slope max	H.40	Shower floor slope	Replace	
Typical Dormatory Unit Restroom	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	145	140	145	145	145	A	Toilet paper holder	Location	Behind WC	At adj wall in front of WC	H.06	Sleeve	Install	recessed into adj wall
Typical Dormatory Unit Restroom	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	145	140	145	145	145	A	Urinal	Control height	> 44" AFF	44" AFF max hgt of controls	H.42	Urinal control	Adjust hgt	
Typical Dormatory Unit Restroom	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	145	140	145	145	145	A	Urinal	Height	>17" AFF to rim	17" AFF nax	H.42	Urinal	Adjust hgt	
Typical Dormatory Unit Restroom	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	145	140	145	145	145	A	Water closet	Design	Not compliant design	Compliant design required	H.18	WC stall	Redesign	Never intended as an accessible item/
Typical Dormatory Unit Restroom	Housing	NA	Dorm	NA	NA	x	-	-	-	-	-	-	-	-	145	140	145	145	145	L-R	Lavatory	Type	Able to be tied around	BSCC anti-ligature issue	H.38	Lav	Replace	1 of 2 lavs to comply
Typical Existing Cell	Housing	NA	Cell	NA	NA	x	CB1	CB1	CB2	CB3	CB4	CB5	CB6	CB7	CB8	-	-	-	-	A	Bed	Height	Bed surface is <17"-19" AFF	17"-19"AFF required	H.01	Bed	Retrofit	
Typical Existing Cell	Housing	NA	Cell	NA	NA	x	CB1	CB1	CB2	CB3	CB4	CB5	CB6	CB7	CB8	-	-	-	-	A	Counter	Profile	<27" AFF @ underside	27" AFF min required	H.02	Counter	Replace	
Typical Existing Cell	Housing	NA	Cell	NA	NA	x	CB1	CB1	CB2	CB3	CB4	CB5	CB6	CB7	CB8	-	-	-	-	A	Counter	Projection	Countertop projects without dectect	Cane detection required	H.02	Counter	Replace/retrofit	
Typical Existing Cell	Housing	NA	Cell	NA	NA	x	CB1	CB1	CB2	CB3	CB4	CB5	CB6	CB7	CB8	-	-	-	-	A	Door	Clear space	<12" at strike/push	12" min @ strike/push	H.03	Door frame/Wall	Reconfigure	
Typical Existing Cell	Housing	NA	Cell	NA	NA	x	CB1	CB1	CB2	CB3	CB4	CB5	CB6	CB7	CB8	-	-	-	-	A	Door	Vision panel hgt	> 43" AFF	43" max AFF	H.04	Door leaf	Replace	
Typical Existing Cell	Housing	NA	Cell	NA	NA	x	CB1	CB1	CB2	CB3	CB4	CB5	CB6	CB7	CB8	-	-	-	-	A	Door	Width	30" clear door	32" min clear required	H.03	Door frame	Enlarge	
Typical Existing Cell	Housing	NA	Cell	NA	NA	x	CB1	CB1	CB2	CB3	CB4	CB5	CB6	CB7	CB8	-	-	-	-	A	Electrical control(s)	Heights	Control at light fixture	48" AFF to top of J box, max	H.09	Electrical controls	Adjust hgt	Separate from light fixture
Typical Existing Cell	Housing	NA	Cell	NA	NA	x	CB1	CB1	CB2	CB3	CB4	CB5	CB6	CB7	CB8	-	-	-	-	A	Flush valve	Open side	FV is located at WC closed side	To be on open side	H.05	WC/Lav Comby	Replace	Confirm FV location setup on open sid
Typical Existing Cell	Housing	NA	Cell	NA	NA	x	CB1	CB1	CB2	CB3	CB4	CB5	CB6	CB7	CB8	-	-	-	-	A	Grab bar	WC, rear	Missing	Provide compliant GB	H.05	WC/Lav Comby	Replace	With integral rear GB
Typical Existing Cell	Housing	NA	Cell	NA	NA	x	CB1	CB1	CB2	CB3	CB4	CB5	CB6	CB7	CB8	-	-	-	-	A	Grab bar	WC, side	Missing	Provide compliant GB	H.08	GB side	Provide	
Typical Existing Cell	Housing	NA	Cell	NA	NA	x	CB1	CB1	CB2	CB3	CB4	CB5	CB6	CB7	CB8	-	-	-	-	A	Lavatory	Design	Not compliant design	Compliant design required	H.05	WC/Lav Comby	Redesign	Never intended as an accessible item/
Typical Existing Cell	Housing	NA	Cell	NA	NA	x	CB1	CB1	CB2	CB3	CB4	CB5	CB6	CB7	CB8	-	-	-	-	A	Mirror	Height	>40" AFF to bottom	40" max to reflective surface	H.07	Mirror	Relocate	
Typical Existing Cell	Housing	NA	Cell	NA	NA	x	CB1	CB1	CB2	CB3	CB4	CB5	CB6	CB7	CB8	-	-	-	-	A	Toilet paper holder	Location	Behind WC	At adj wall in front of WC	H.06	Sleeve	Install	recessed into adj wall
Typical Existing Cell	Housing	NA	Cell	NA	NA	x	CB1	CB1	CB2	CB3	CB4	CB5	CB6	CB7	CB8	-	-	-	-	A	Water closet	Design	Not compliant design	Compliant design required	H.05	WC/Lav Comby	Redesign	Never intended as an accessible item/
Typical Existing Isolation Cell	Housing	NA	Cell	NA	NA	x	108	108	108	108	108	CB9	108	CB9	108	108	108	108	108	A	Bed	Concrete height	Bed surface is 14.75" AFF	17"-19"	H.01	Conc bed	Retrofit/provide mattress	
Typical Existing Isolation Cell	Housing	NA	Cell	NA	NA	x	108	108	108	108	108	CB9	108	CB9	108	108	108	108	108	A	Call button	Height	54" AFF	42" max as per settlement terms	H.24	Call button	Adjust hgt	
Typical Existing Isolation Cell	Housing	NA	Cell	NA	NA	x	108	108	108	108	108	CB9	108	CB9	108	108	108	108	108	A	Door	Clear space	<12" at strike/push	12" min @ strike/push	H.03	Door frame/Wall	Redesign	Significant impacts to adjacent space
Typical Existing Isolation Cell	Housing	NA	Cell	NA	NA	x	108	108	108	108	108	CB9	108	CB9	108	108	108	108	108	A	Door	Vision panel hgt	> 43" AFF	43" max AFF	H.04	Door leaf	Replace	
Typical Existing Isolation Cell	Housing	NA	Cell	NA	NA	x	108	108	108	108	108	CB9	108	CB9	108	108	108	108	108	A	Door	Width	30" clear door	32" min clear required	H.03	Door frame	Enlarge	
Typical Existing Isolation Cell	Housing	NA	Cell	NA	NA	x	108	108	108	108	108	CB9	108	CB9	108	108	108	108	108	A	Electrical control(s)	Heights	78" AFF	48" AFF to top of J box, max	H.09	Electrical controls	Relocate	Separate from light fixture
Typical Existing Isolation Cell	Housing	NA	Cell	NA	NA	x	108	108	108	108	108	CB9	108	CB9	108	108	108	108	108	A	Flush valve	Open side	FV is located at WC closed side	To be on open side	H.05	WC/Lav Comby	Replace	Confirm FV location setup on open sid
Typical Existing Isolation Cell	Housing	NA	Cell	NA	NA	x	108	108	108	108	108	CB9	108	CB9	108	108	108	108	108	A	Grab bar	WC, rear	Missing	Provide compliant GB	H.05	WC/Lav Comby	Replace	With integral rear GB
Typical Existing Isolation Cell	Housing	NA	Cell	NA	NA	x	108	108	108	108	108	CB9	108	CB9	108	108	108	108	108	A	Grab bar	WC, side	Missing	Provide compliant GB	H.08	GB side	Provide	
Typical Existing Isolation Cell	Housing	NA	Cell	NA	NA	x	108	108	108	108	108	CB9	108	CB9	108	108	108	108	108	A	Lavatory	Design	Not compliant design	Compliant design required	H.05	WC/Lav Comby	Redesign	Significant impacts to adjacent space
Typical Existing Isolation Cell	Housing	NA	Cell	NA	NA	x	108	108	108	108	108	CB9	108	CB9	108	108	108	108	108	A	Light	Projection	>4" projection between 27"-80" AFF	4" max between 27"-80" AFF	H.10	Light	Replace/adjust hgt	
Typical Existing Isolation Cell	Housing	NA	Cell	NA	NA	x	108	108	108	108	108	CB9	108	CB9	108	108	108	108	108	A	Mirror	Height	>40" AFF to bottom	40" max to reflective surface	H.07	Mirror	Relocate/adjust hgt	
Typical Existing Isolation Cell	Housing	NA	Cell	NA	NA	x	108	108	108	108	108	CB9	108	CB9	108	108	108	108	108	A	Toilet paper holder	Location	Behind WC	At adj wall in front of WC	H.06	Sleeve	Install	recessed into adj wall
Typical Existing Isolation Cell	Housing	NA	Cell	NA	NA	x	108	108	108	108	108	CB9	108	CB9	108	108	108	108	108	A	Water closet	Design	Not compliant design	Compliant design required	H.05	WC/Lav Comby	Redesign	Significant impacts to adjacent space

LEGEND NOTES

LEGEND NOTES ARE COMMON TO ALL
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ISSUE TYPE

A ACCESSIBILITY LITIGATION ISSUE
C CLIENT REQUESTED ISSUE
L-R LIGATURE ISSUE RELATED TO AN ACCESSIBILITY ISSUE
L-U LIGATURE ISSUE UNRELATED TO AN ACCESSIBILITY ISSUE
O OTHER ISSUE
S SECURITY ISSUE

CELL BUNDLES

CB0=104, 105B
CB1=A2, A3, A4, A5, A6, A7
CB2=A2, A3, A4, A5, F4, F5, F6, F7
CB3=A2, A3, A4, A5, A6, A7, F4, F5, F6, F7
CB4=F2, F3, F4, F5, F6, F7
CB5=A2, A3, A4, A5, F6, F7
CB6=B18, B19, B20, B221, B22, B23
CB7=A2, A3, A4, A5, A6, A7, B22, B23
CB8=F6, F7
CB9=108, 115
CBA=132, 133
CBB=134, 139

DORM BUNDLES

DB1=A1, A2, C1, C2
DB2=A1, A2
DB3=F1, F2

MASTER KEYNOTE DISCLAIMER

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CONSTRUCTION DOCUMENTS

5325 BRODER BLVD,
DUBLIN, CA 94568

BARRIER LIST AND SOLUTIONS
ALAMEDA CO. - SANTA RITA JAIL

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LEGEND NOTES

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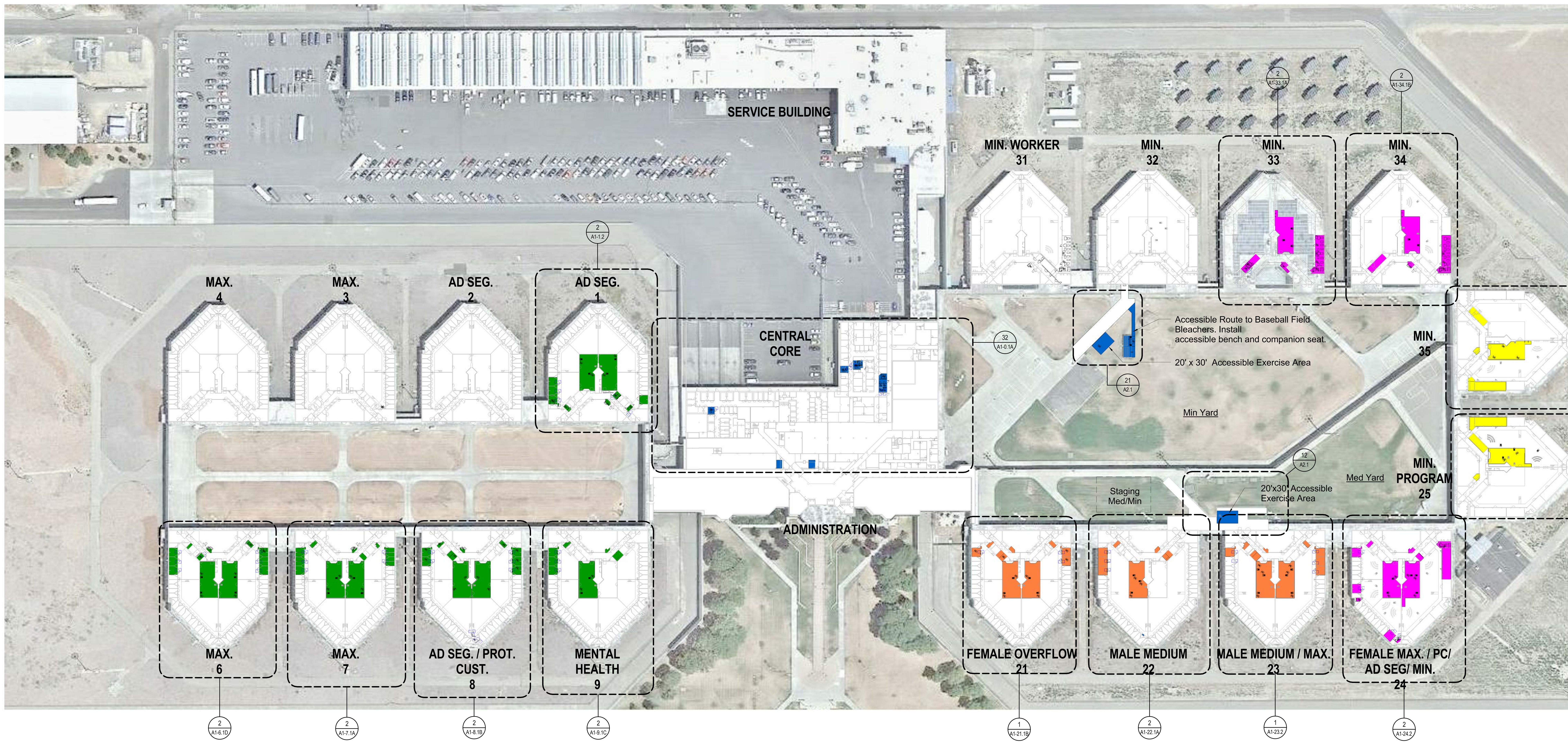


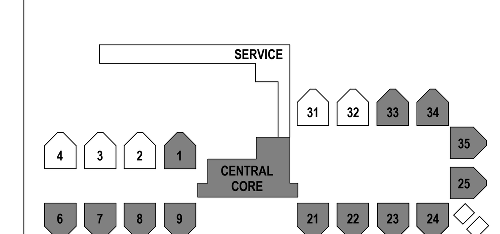
NORTH

ARCHITECTURAL SITE AND PHASING PLAN

SCALE: 1" = 80'-0"

PHASING LEGEND:

- PHASE 1A SETTLEMENT
- PHASE 1C SETTLEMENT
- PHASE 2 SETTLEMENT
- PHASE 1B SETTLEMENT
- PHASE 1D SETTLEMENT



CONSTRUCTION DOCUMENTS

5325 BRODER BLVD.
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ARCHITECTURAL SITE AND PHASING PLAN
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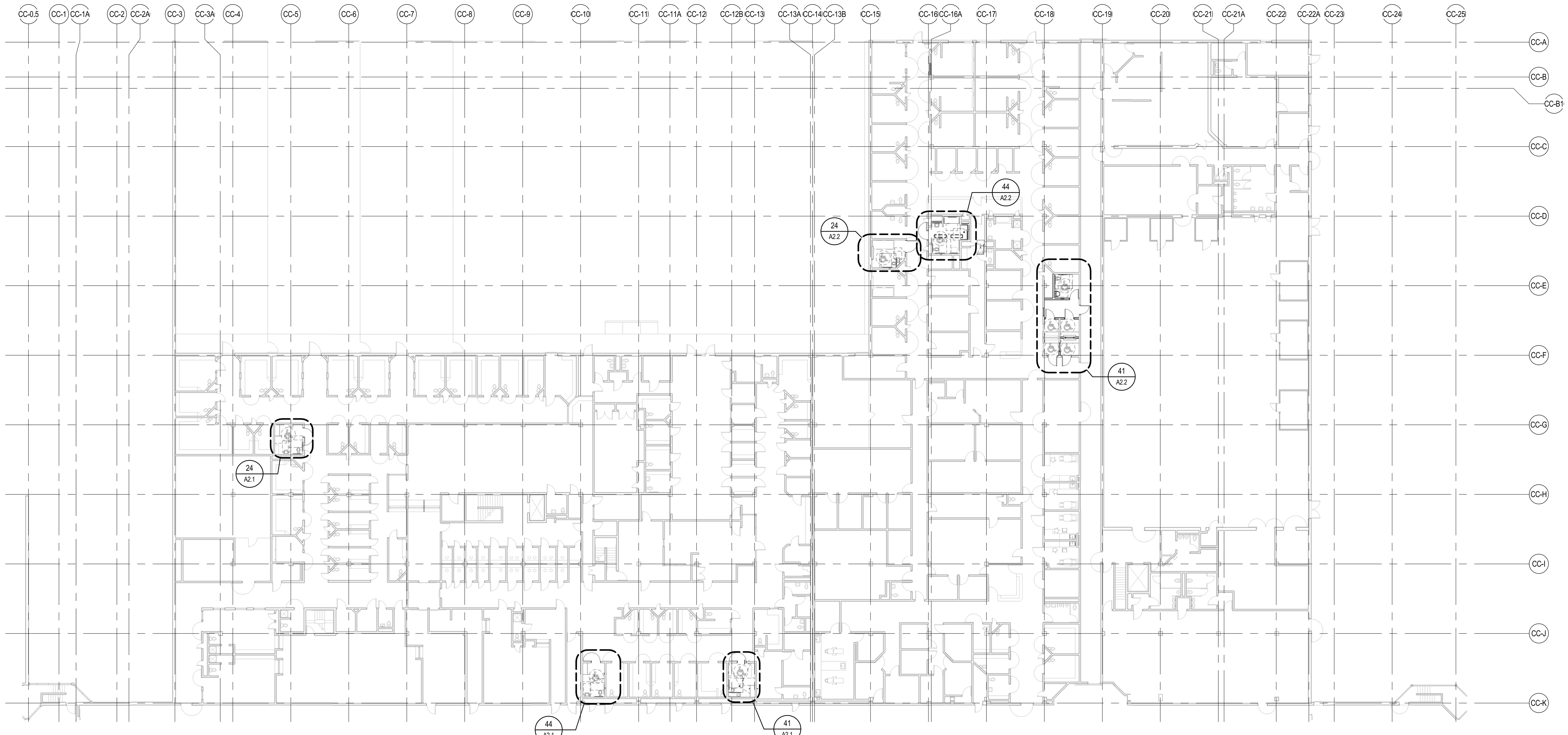
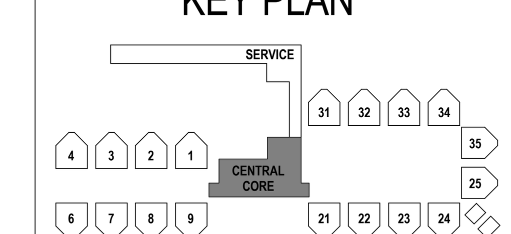


32 A1-0.1A CENTRAL CORE - FLOOR PLAN
SCALE: 3/64" = 1'-0"

52 A1-0.1A CENTRAL CORE - DEMO PLAN
SCALE: 3/64" = 1'-0"

KEY PLAN



CONSTRUCTION DOCUMENTS
PHASE 1A

5325 BRODER BLVD.
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DEMO & FLOOR PLAN - CENTRAL CORE
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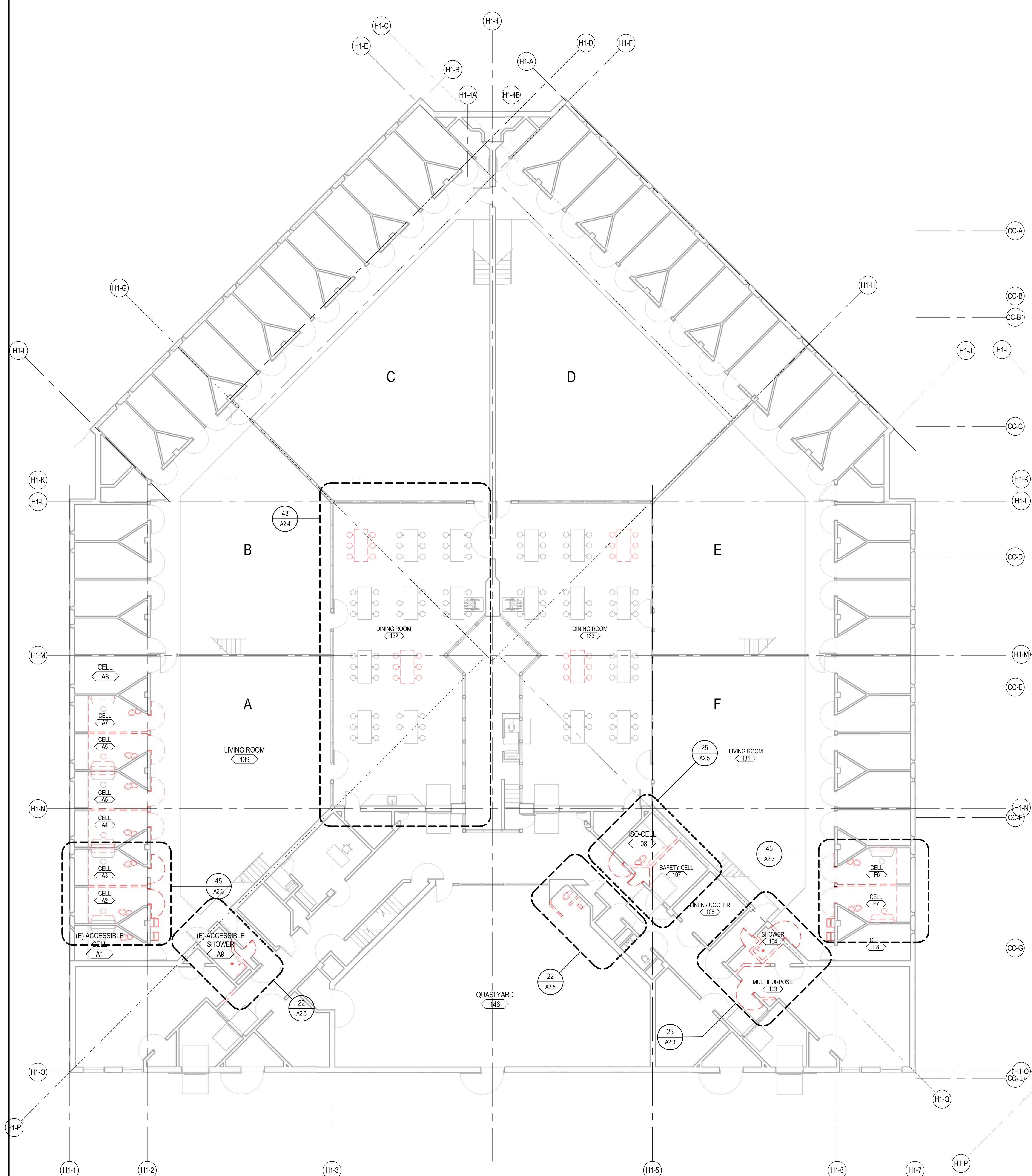
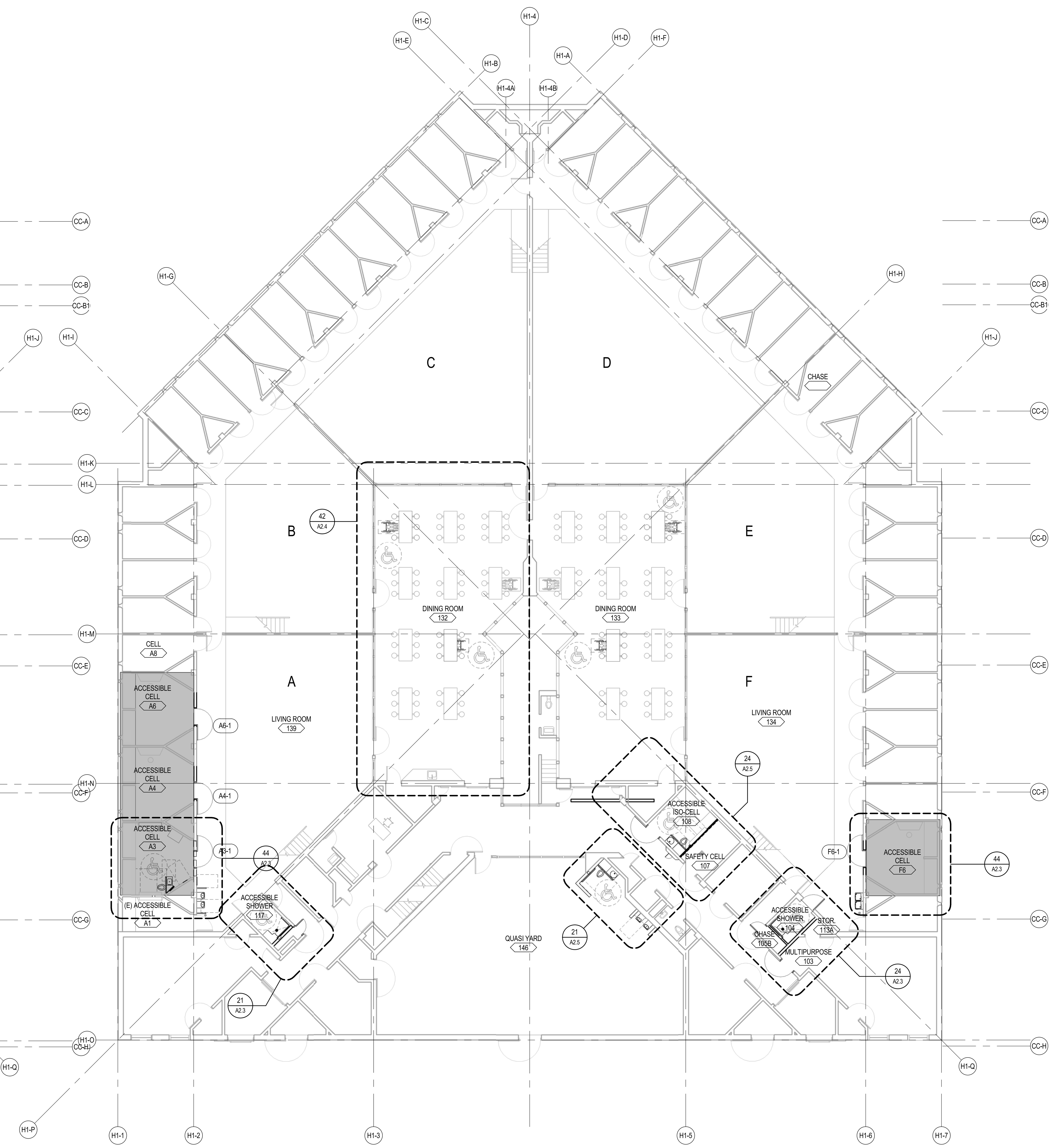


1 A1-1.2 HOUSING UNIT 1 - DEMO PLAN
SCALE: 3/32" = 1'-0"



2 A1-1.2 HOUSING UNIT 1 - FLOOR PLAN
SCALE: 3/32" = 1'-0"

LEGEND NOTES

LEGEND NOTES ARE COMMON TO ALL
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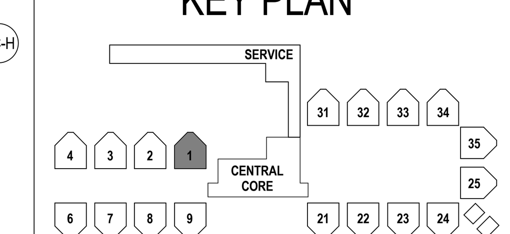
LEGEND

AREA OF WORK - ACCESSIBILITY UPGRADE BARRIER REMOVAL FOR HOUSING CELLS AND DORMS

KEY PLAN



CONSTRUCTION
DOCUMENTS
PHASE 2

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DEMO & FLOOR PLAN - HOUSING UNIT 1
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LEGEND NOTES

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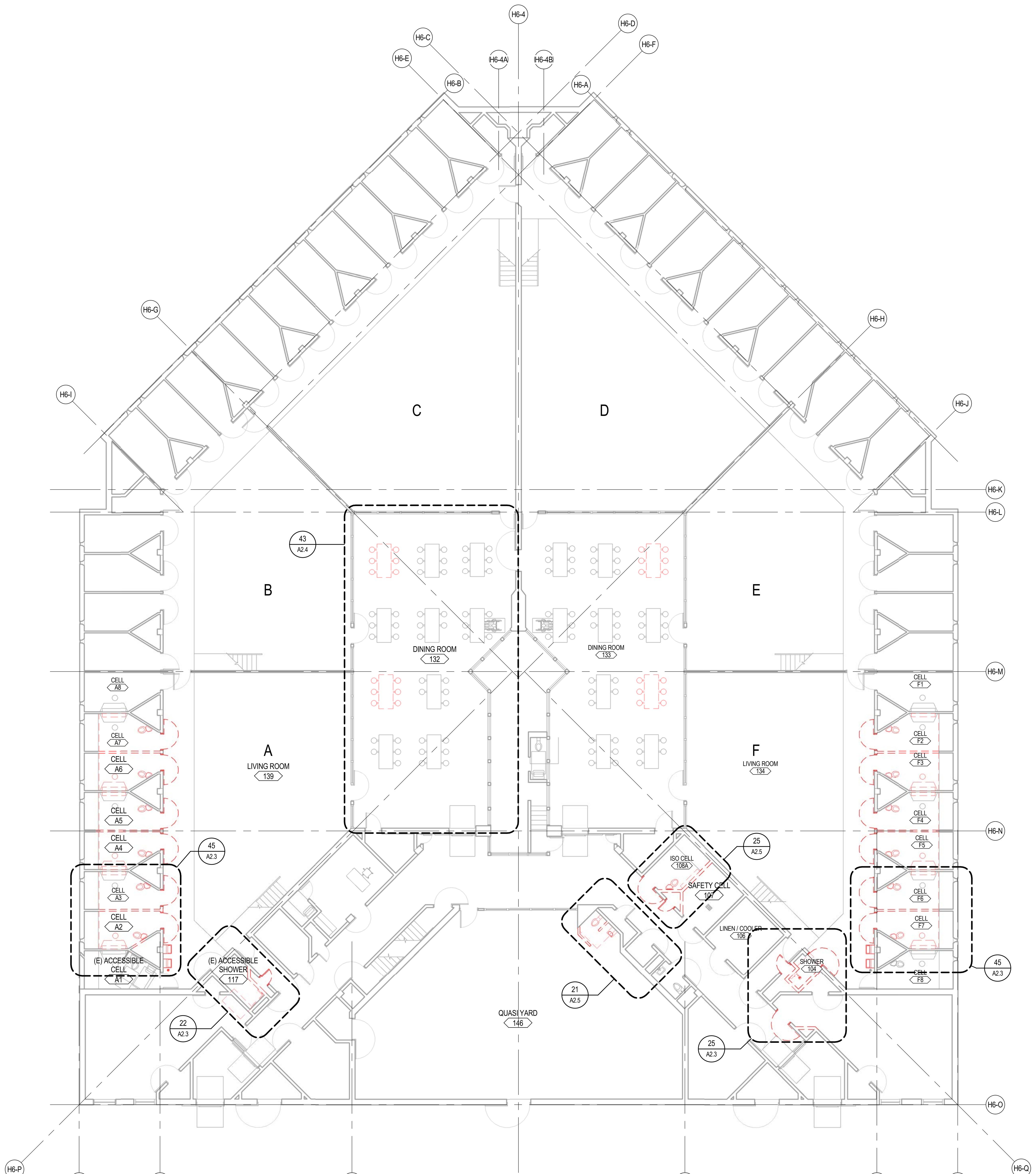
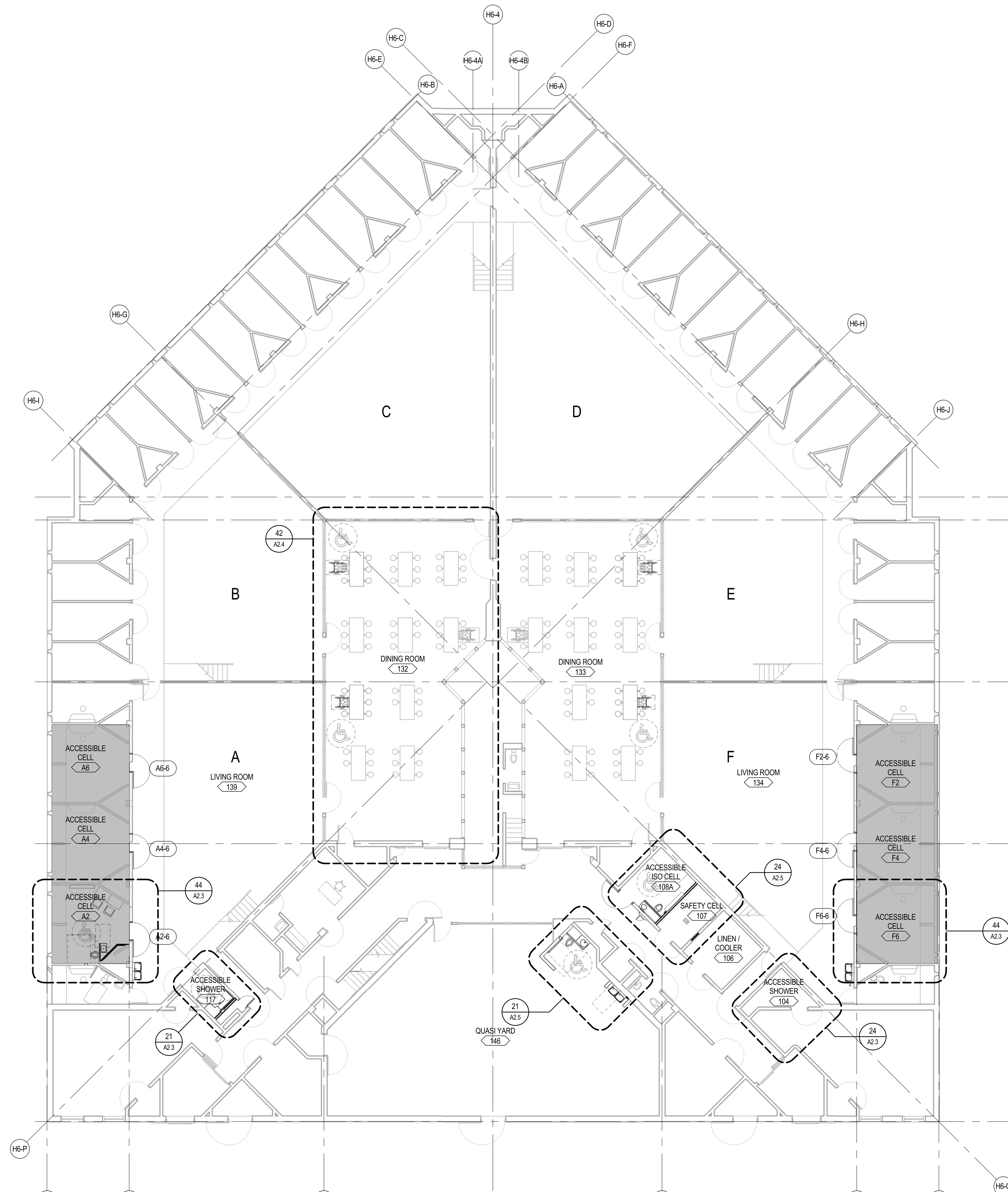
LEGEND

(shaded)	AREA OF WORK - ACCESSIBILITY UPGRADE BARRIER REMOVAL FOR HOUSING CELLS AND DORMS

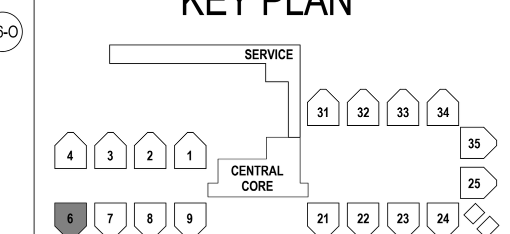


1 A1-6.1D HOUSING UNIT 6 - DEMO PLAN
SCALE: 3/32" = 1'-0"



2 A1-6.1D HOUSING UNIT 6 - FLOOR PLAN
SCALE: 3/32" = 1'-0"

KEY PLAN



CONSTRUCTION DOCUMENTS
PHASE 1D

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DEMO & FLOOR PLAN - HOUSING UNIT 6
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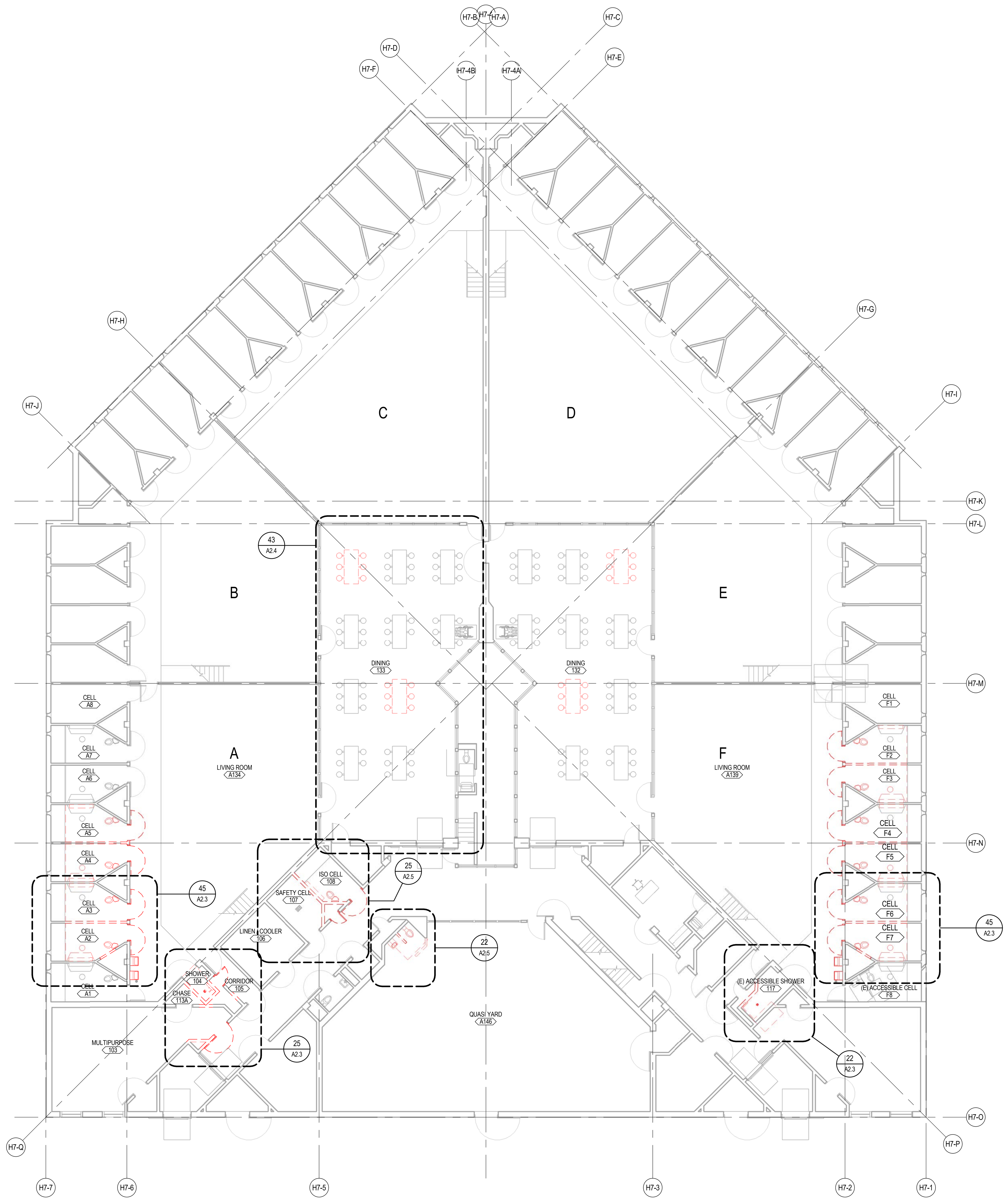
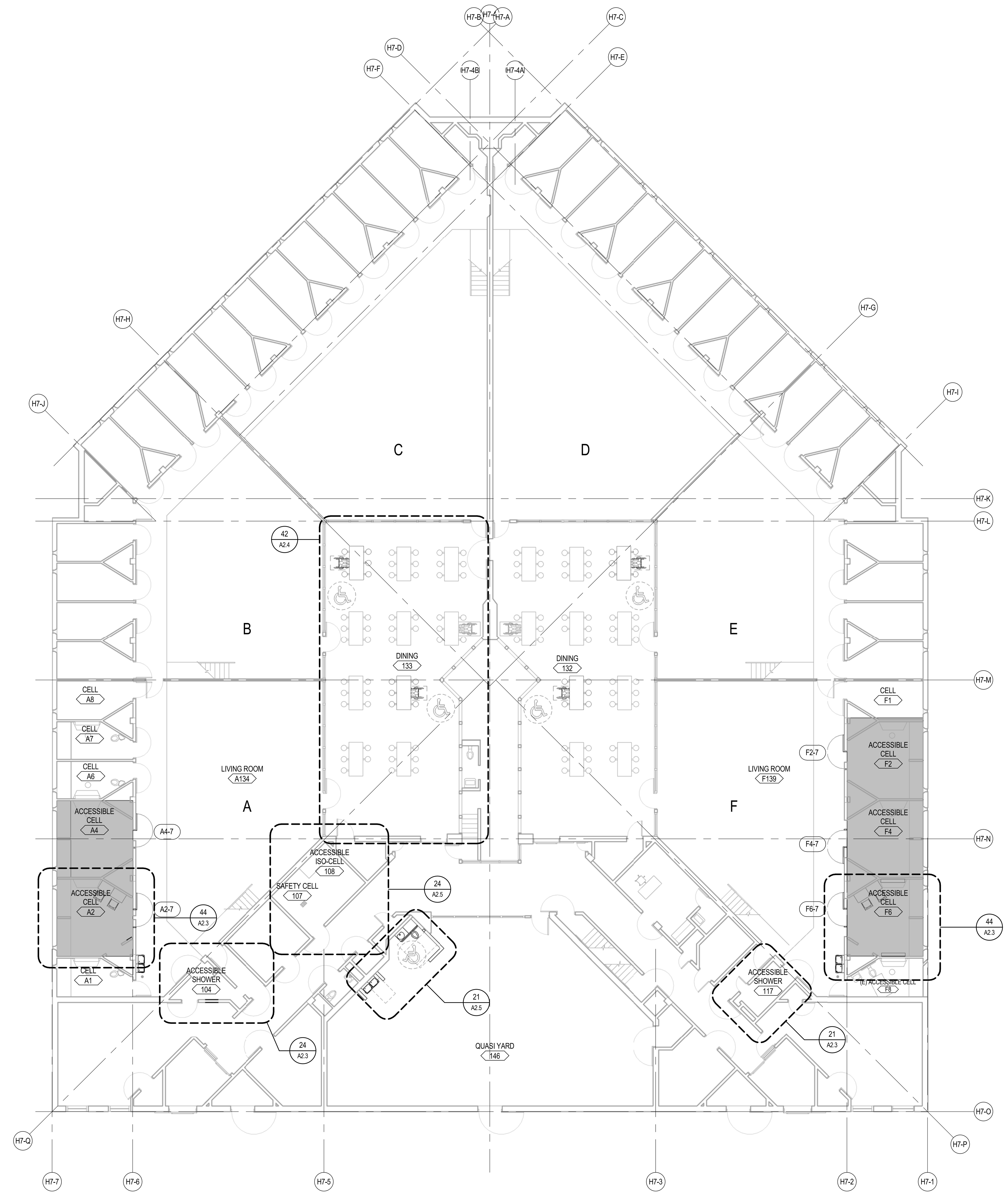
LEGEND NOTES

LEGEND

AREA OF WORK - ACCESSIBILITY UPGRADE BARRIER REMOVAL FOR HOUSING CELLS AND DORMS

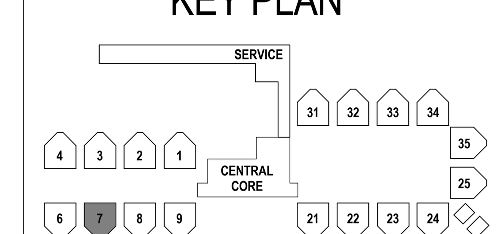


1 A1-7.1A HOUSING UNIT 7 - DEMO PLAN
SCALE: 3/32" = 1'-0"



2 A1-7.1A HOUSING UNIT 7 - FLOOR PLAN
SCALE: 3/32" = 1'-0"

KEY PLAN



CONSTRUCTION DOCUMENTS
PHASE 1A

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DEMO & FLOOR PLAN - HOUSING UNIT 7
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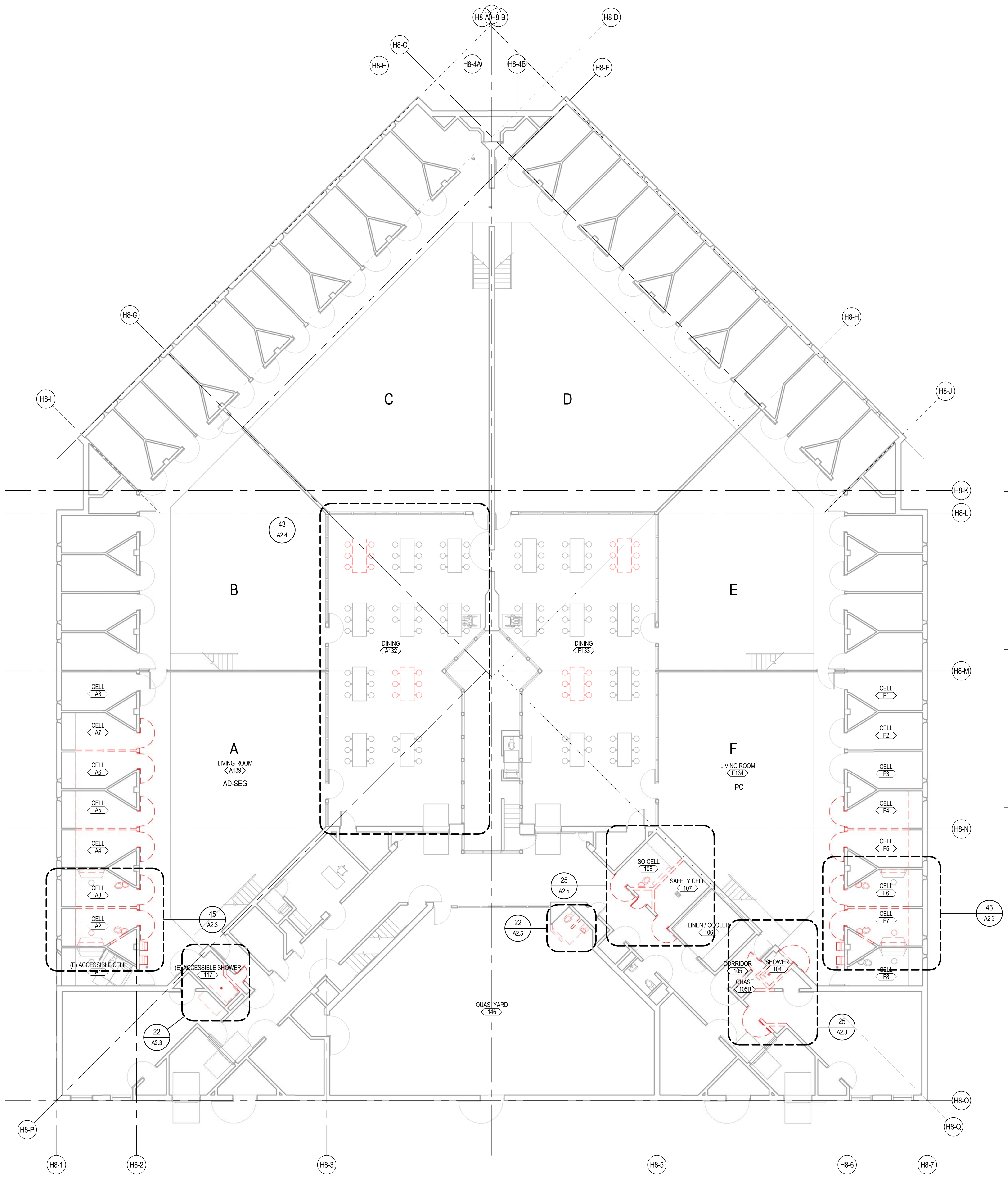
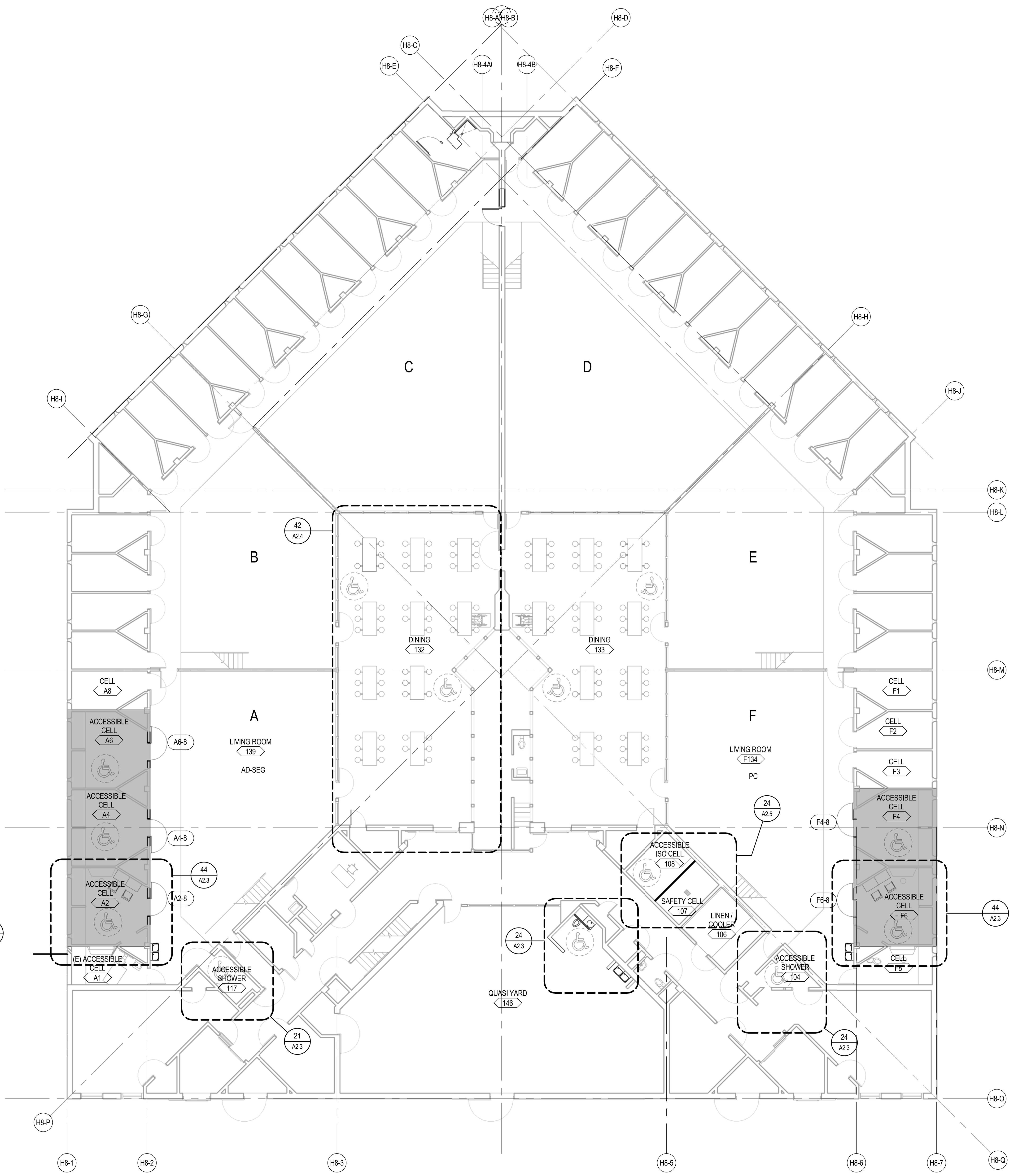


1 HOUSING UNIT 8 - DEMO PLAN
A1-8.1B SCALE: 3/32" = 1'-0"



2 HOUSING UNIT 8 - FLOOR PLAN
A1-8.1B SCALE: 3/32" = 1'-0"

LEGEND NOTES

LEGEND NOTES ARE COMMON TO ALL
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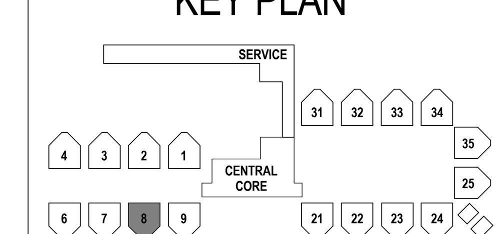
LEGEND

AREA OF WORK - ACCESSIBILITY UPGRADE BARRIER REMOVAL FOR HOUSING CELLS AND DORMS

KEY PLAN



CONSTRUCTION
DOCUMENTS
PHASE 1B

5325 BRODER BLVD,
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DEMO & FLOOR PLAN - HOUSING UNIT 8
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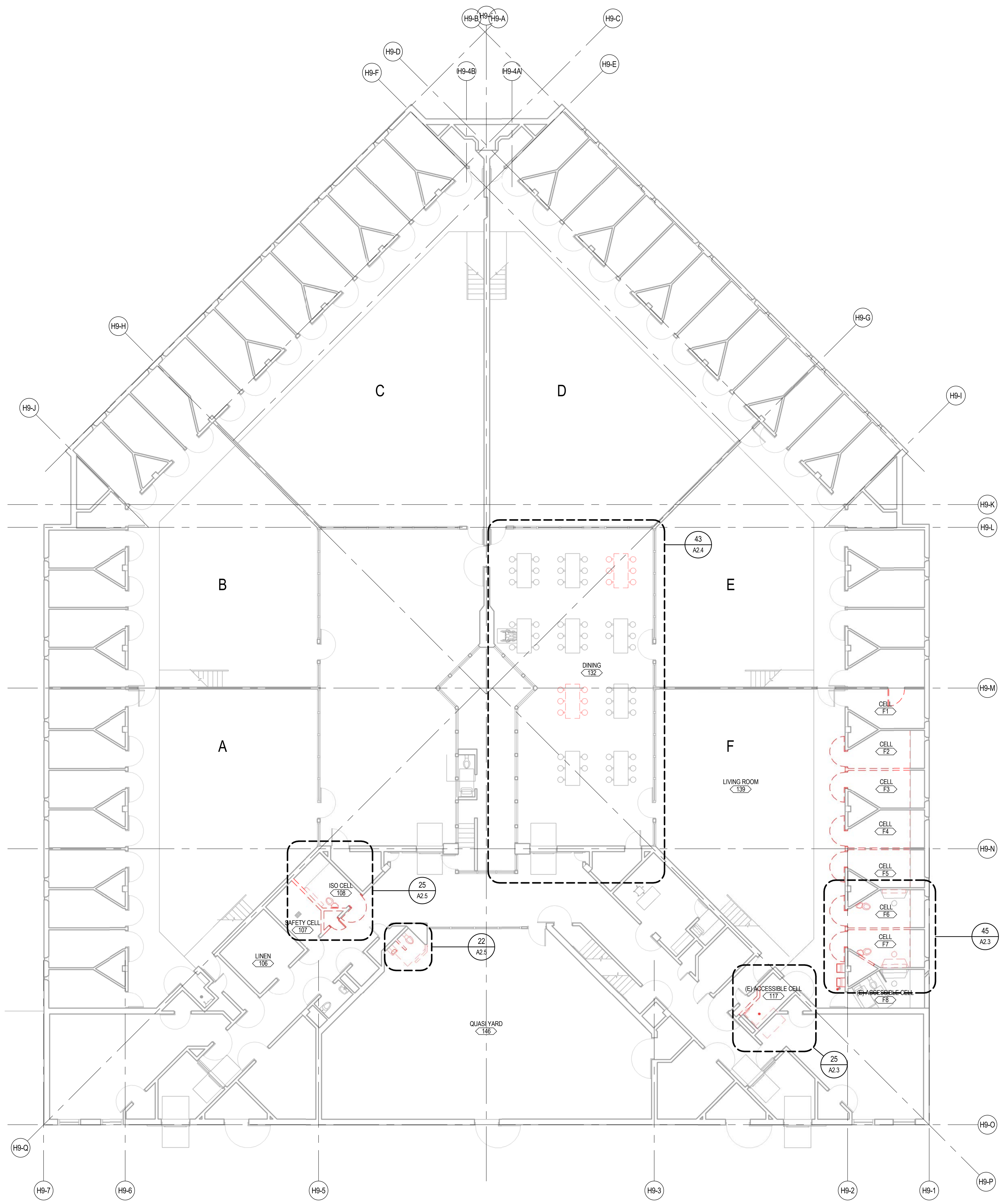
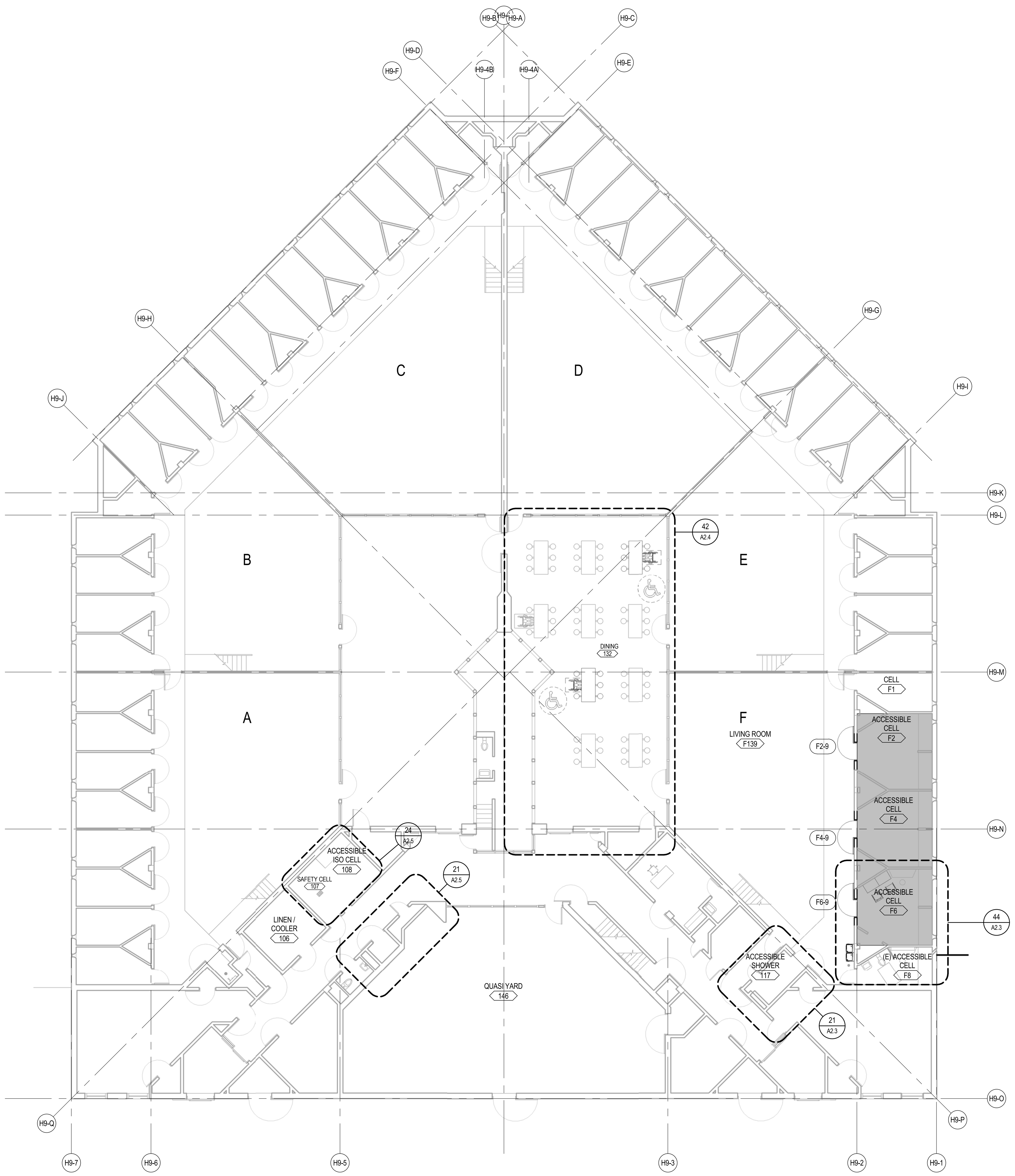


1 A1-9.1C HOUSING UNIT 9 - DEMO PLAN
SCALE: 3/32" = 1'-0"



2 A1-9.1C HOUSING UNIT 9 - FLOOR PLAN
SCALE: 3/32" = 1'-0"

LEGEND NOTES

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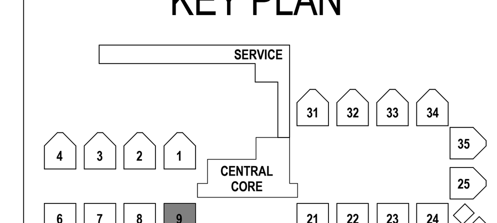
LEGEND

AREA OF WORK - ACCESSIBILITY UPGRADE BARRIER REMOVAL FOR HOUSING CELLS AND DORMS

KEY PLAN



CONSTRUCTION DOCUMENTS
PHASE 1C

5325 BRODER BLVD,
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DEMO & FLOOR PLAN - HOUSING UNIT 9
ALAMEDA CO. - SANTA RITA JAIL

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LEGEND NOTES

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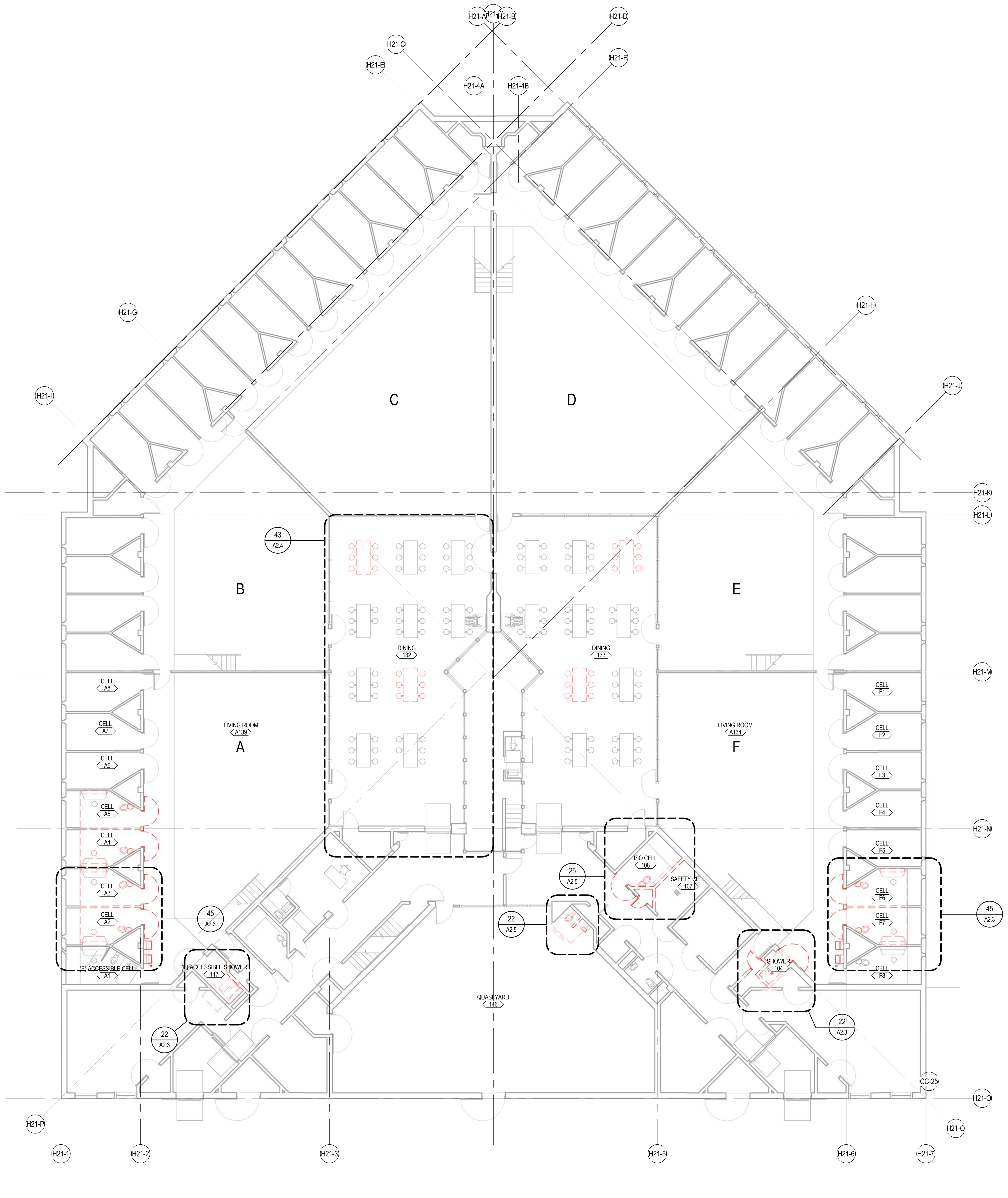
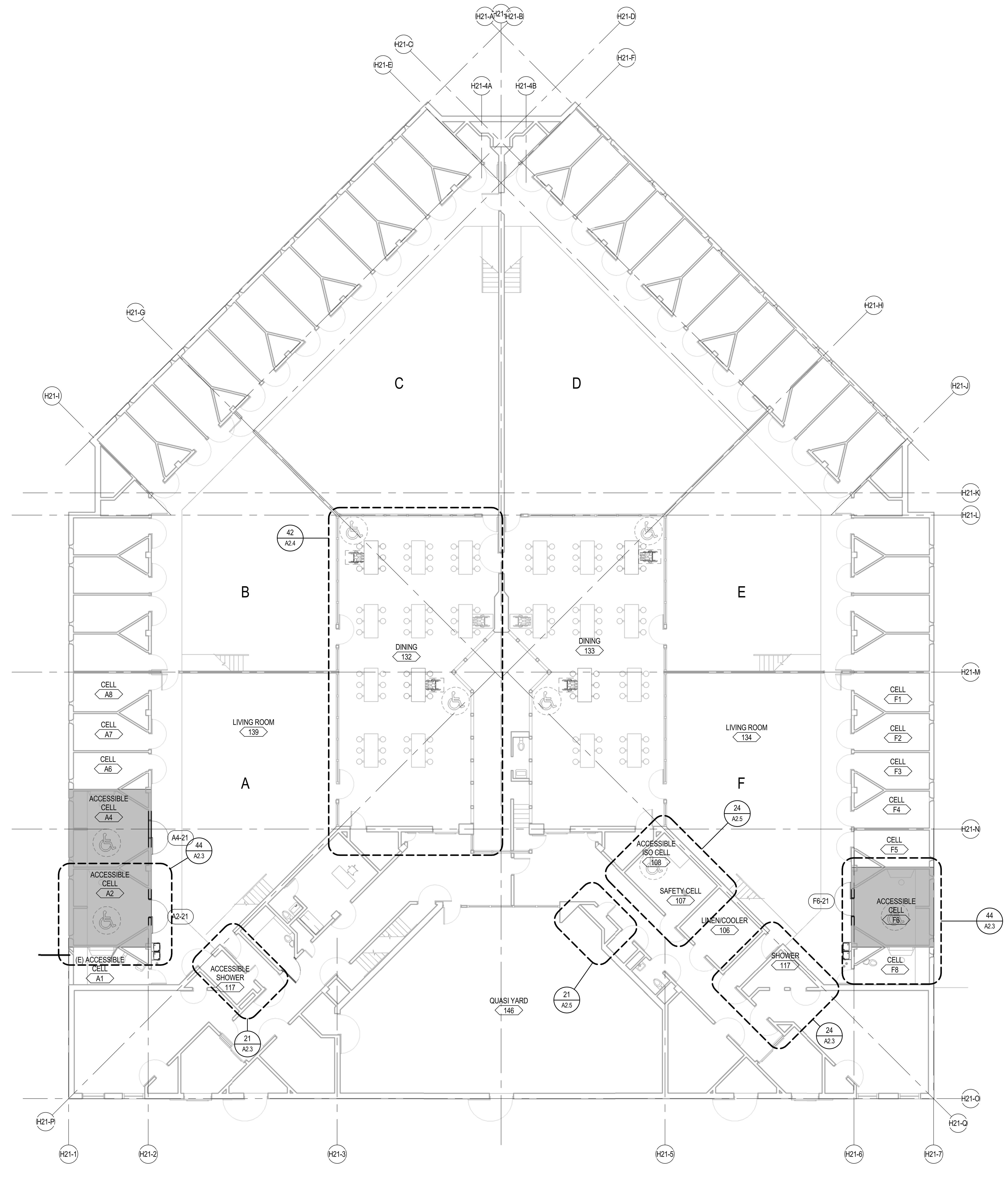
LEGEND

AREA OF WORK - ACCESSIBILITY UPGRADE BARRIER REMOVAL FOR HOUSING CELLS AND DORMS

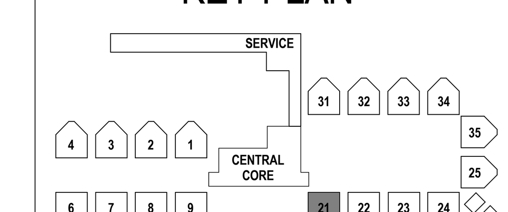


1 A1-21.1B HOUSING UNIT 21 - DEMO PLAN
SCALE: 3/32" = 1'-0"



2 A1-21.1B HOUSING UNIT 21 - FLOOR PLAN
SCALE: 3/32" = 1'-0"

KEY PLAN



CONSTRUCTION DOCUMENTS
PHASE 1B

5325 BRODER BLVD.
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DEMO & FLOOR PLAN - HOUSING UNIT 21
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A1-21.1B

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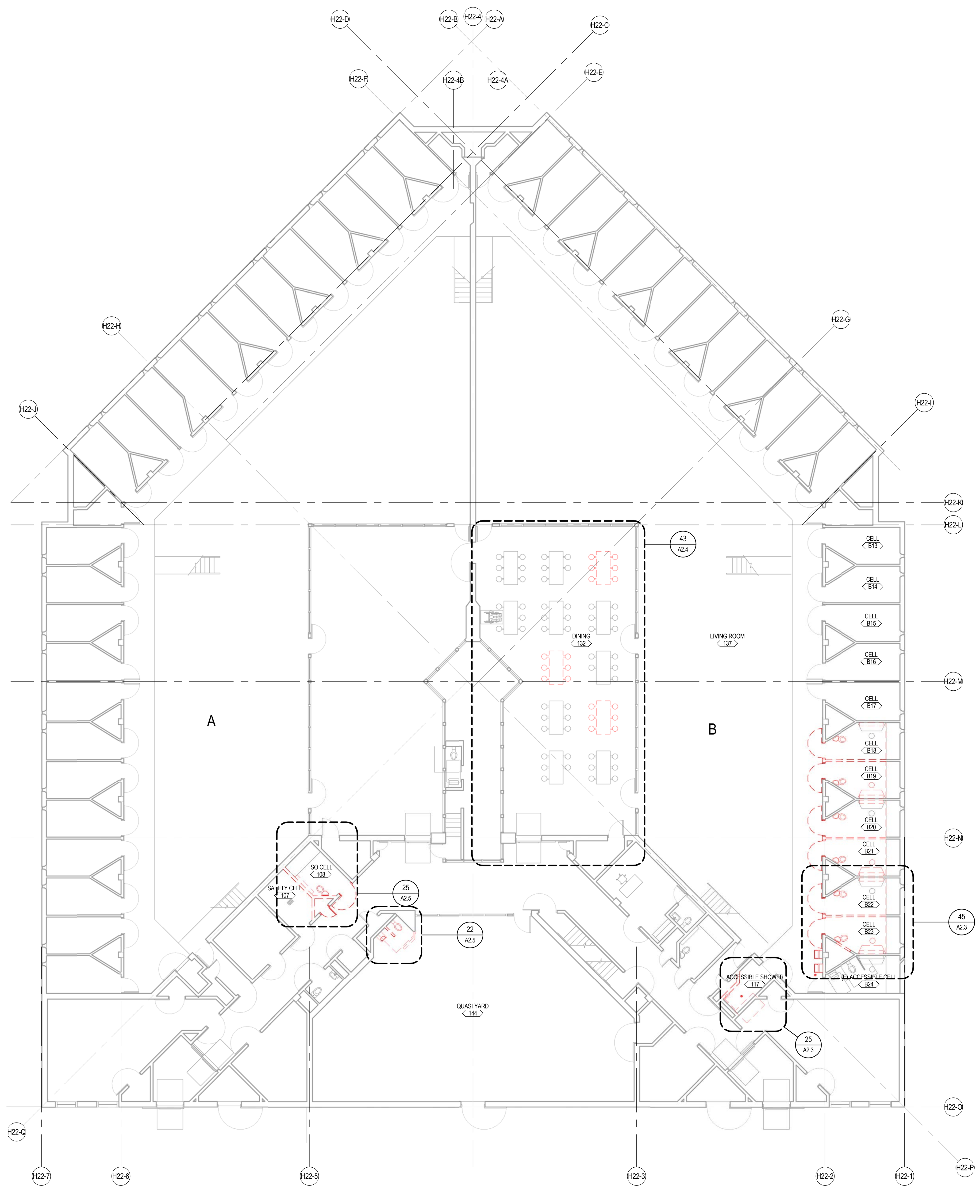
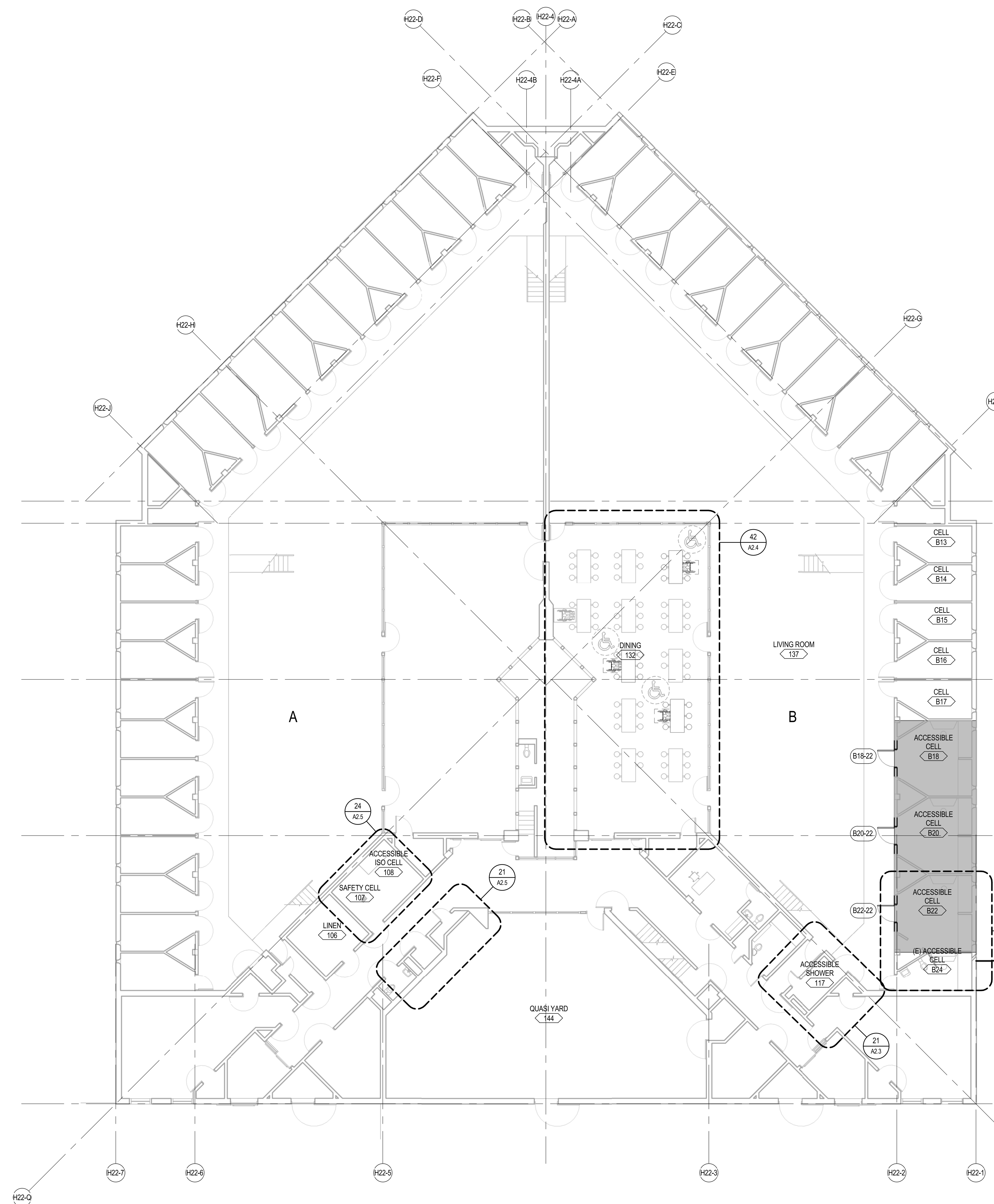


1 A1-22.1A HOUSING UNIT 22 - DEMO PLAN
SCALE: 3/32" = 1'-0"



2 A1-22.1A HOUSING UNIT 22 - FLOOR PLAN
SCALE: 3/32" = 1'-0"

LEGEND NOTES

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LEGEND

AREA OF WORK - ACCESSIBILITY UPGRADE BARRIER REMOVAL FOR HOUSING CELLS AND DORMS

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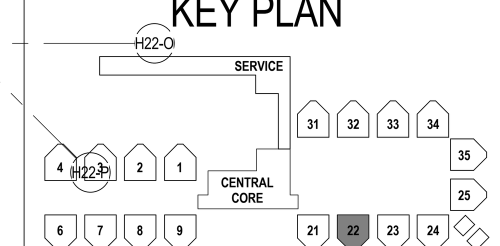
KEY PLAN



CONSTRUCTION DOCUMENTS
PHASE 1A

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DEMO & FLOOR PLAN - HOUSING UNIT 22
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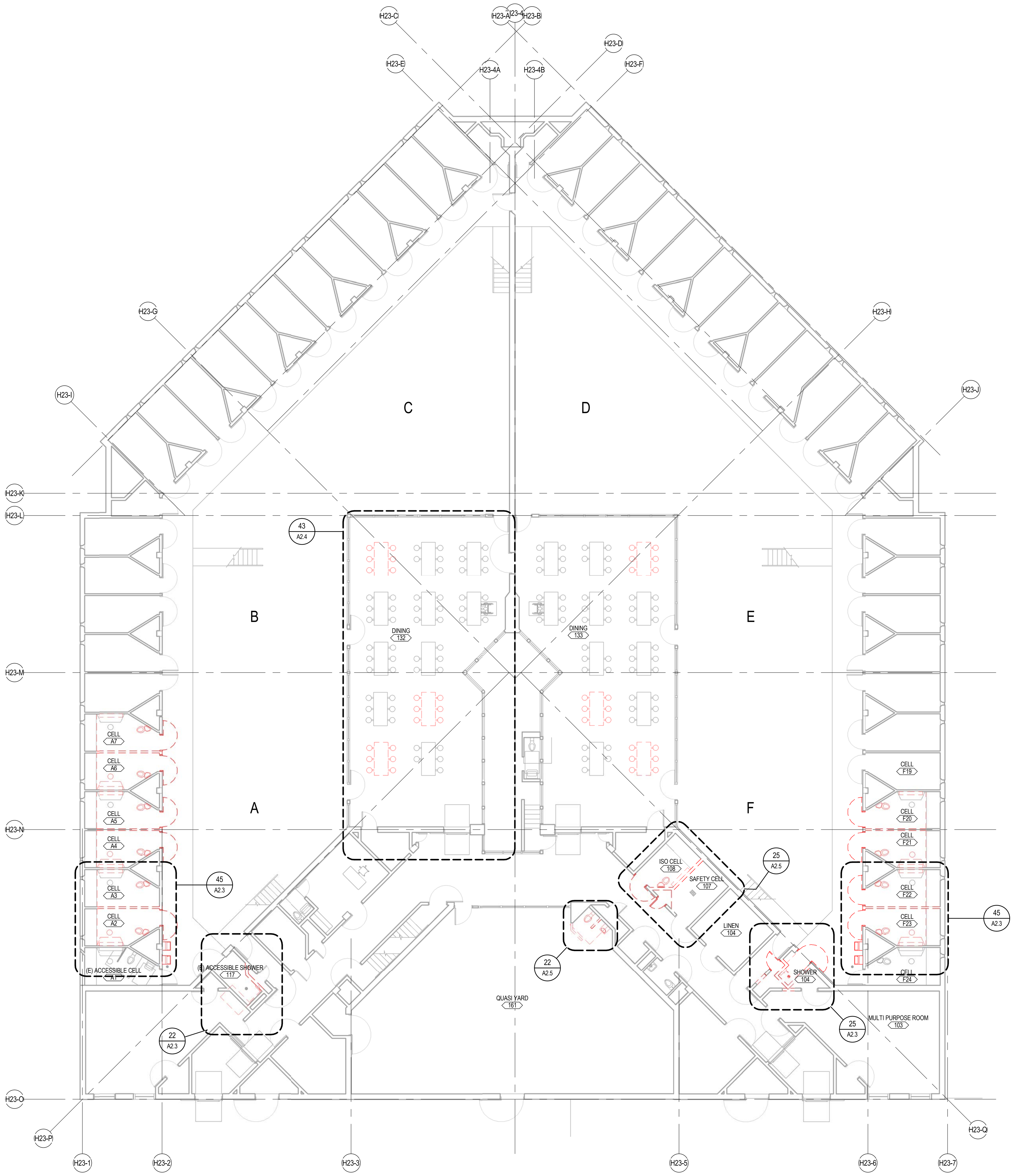
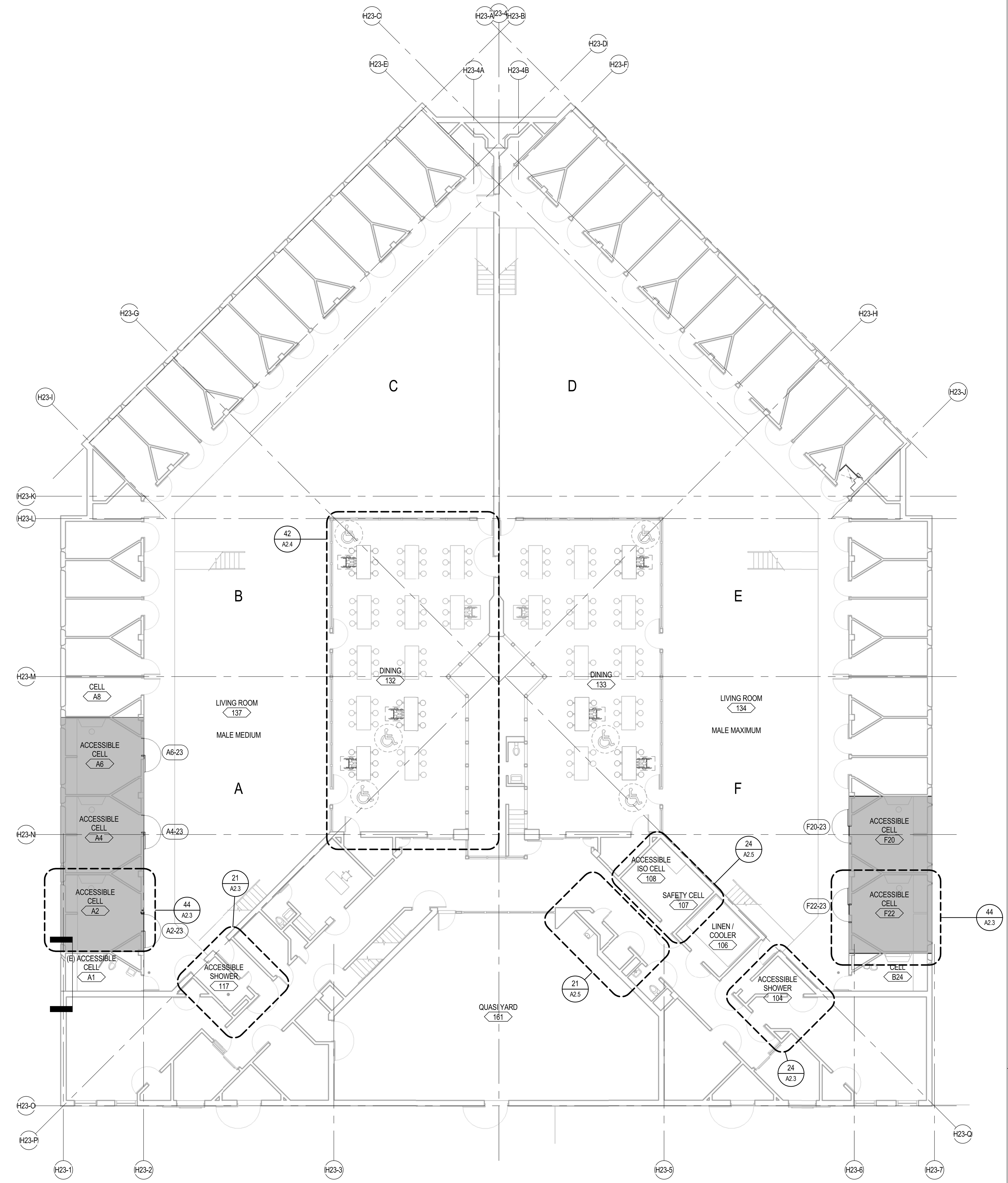


1 HOUSING UNIT 23 - DEMO PLAN
A1-23.2 SCALE: 3/32" = 1'-0"



2 HOUSING UNIT 23 - FLOOR PLAN
A1-23.2 SCALE: 3/32" = 1'-0"

LEGEND NOTES

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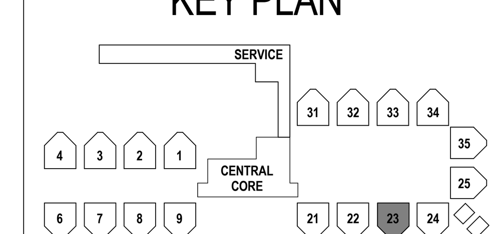
LEGEND

AREA OF WORK - ACCESSIBILITY UPGRADE BARRIER REMOVAL FOR HOUSING CELLS AND DORMS

KEY PLAN



CONSTRUCTION DOCUMENTS
PHASE 2

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DEMO & FLOOR PLAN - HOUSING UNIT 23
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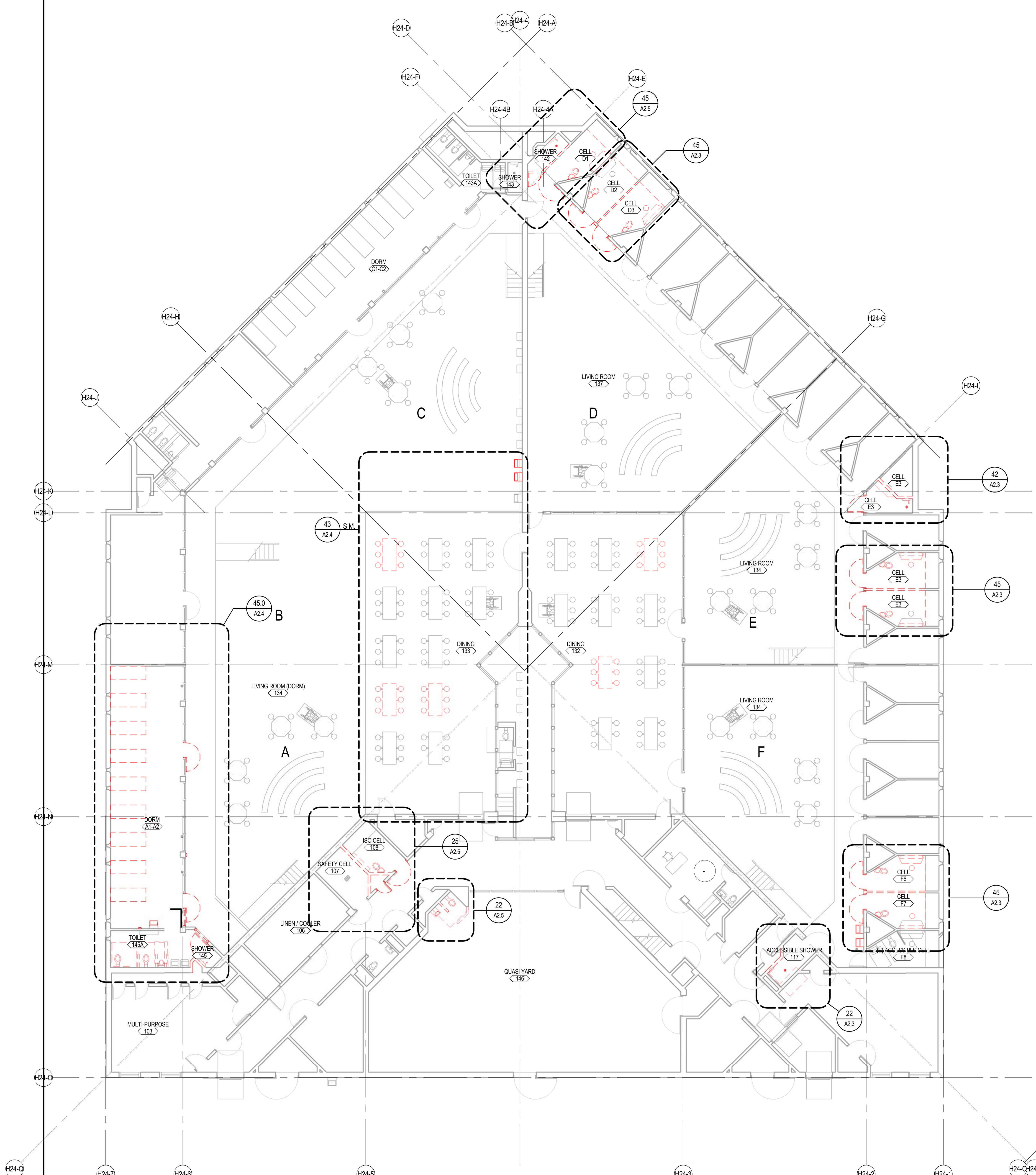
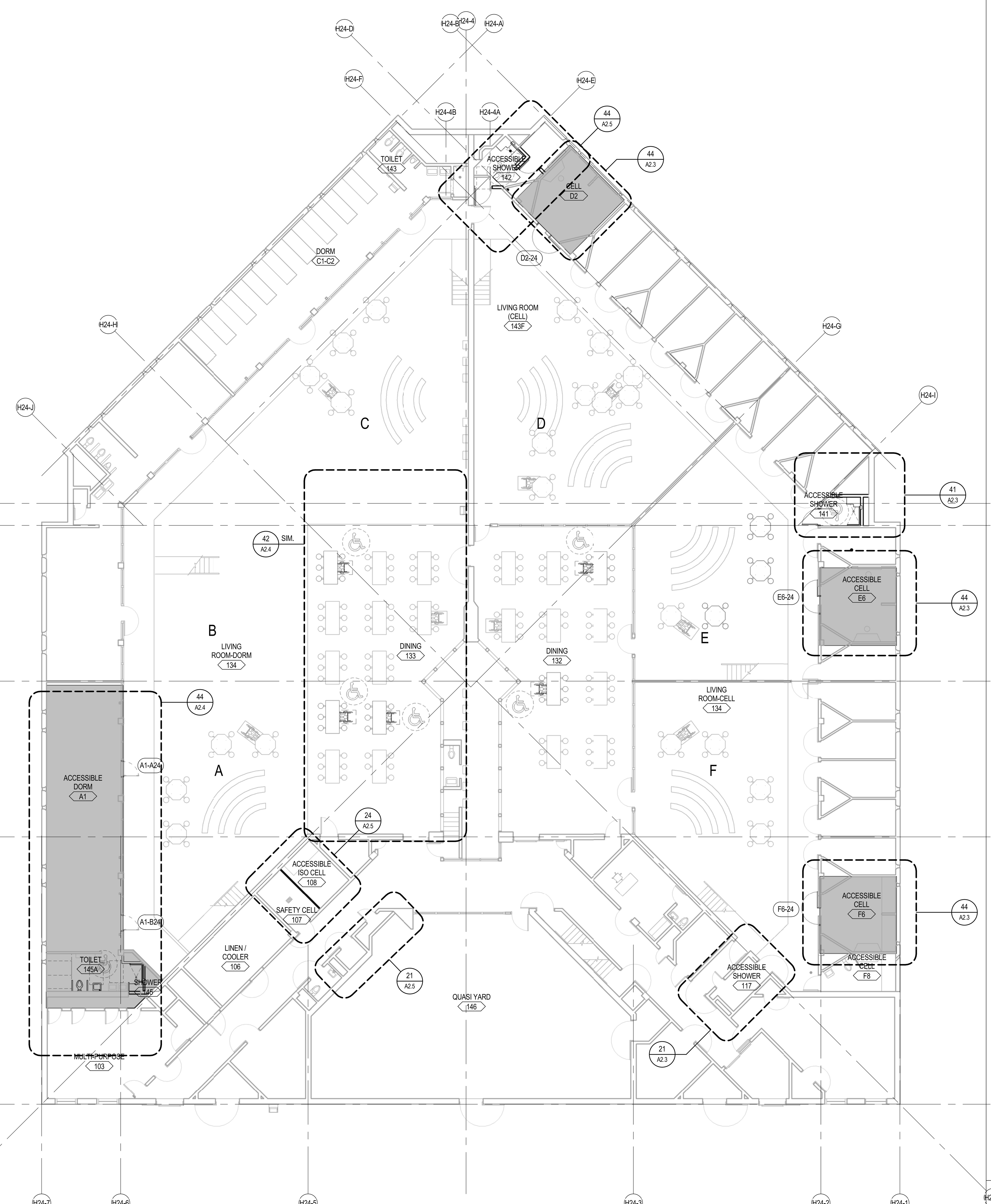


1 A1-24.2 HOUSING UNIT 24 - DEMO PLAN
SCALE: 3/32" = 1'-0"



2 A1-24.2 HOUSING UNIT 24 - FLOOR PLAN
SCALE: 3/32" = 1'-0"

LEGEND NOTES

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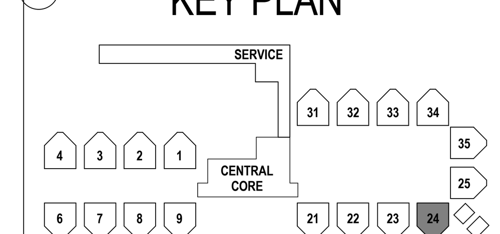
LEGEND

AREA OF WORK - ACCESSIBILITY UPGRADE BARRIER REMOVAL FOR HOUSING CELLS AND DORMS

KEY PLAN



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DEMO & FLOOR PLAN - HOUSING UNIT 24
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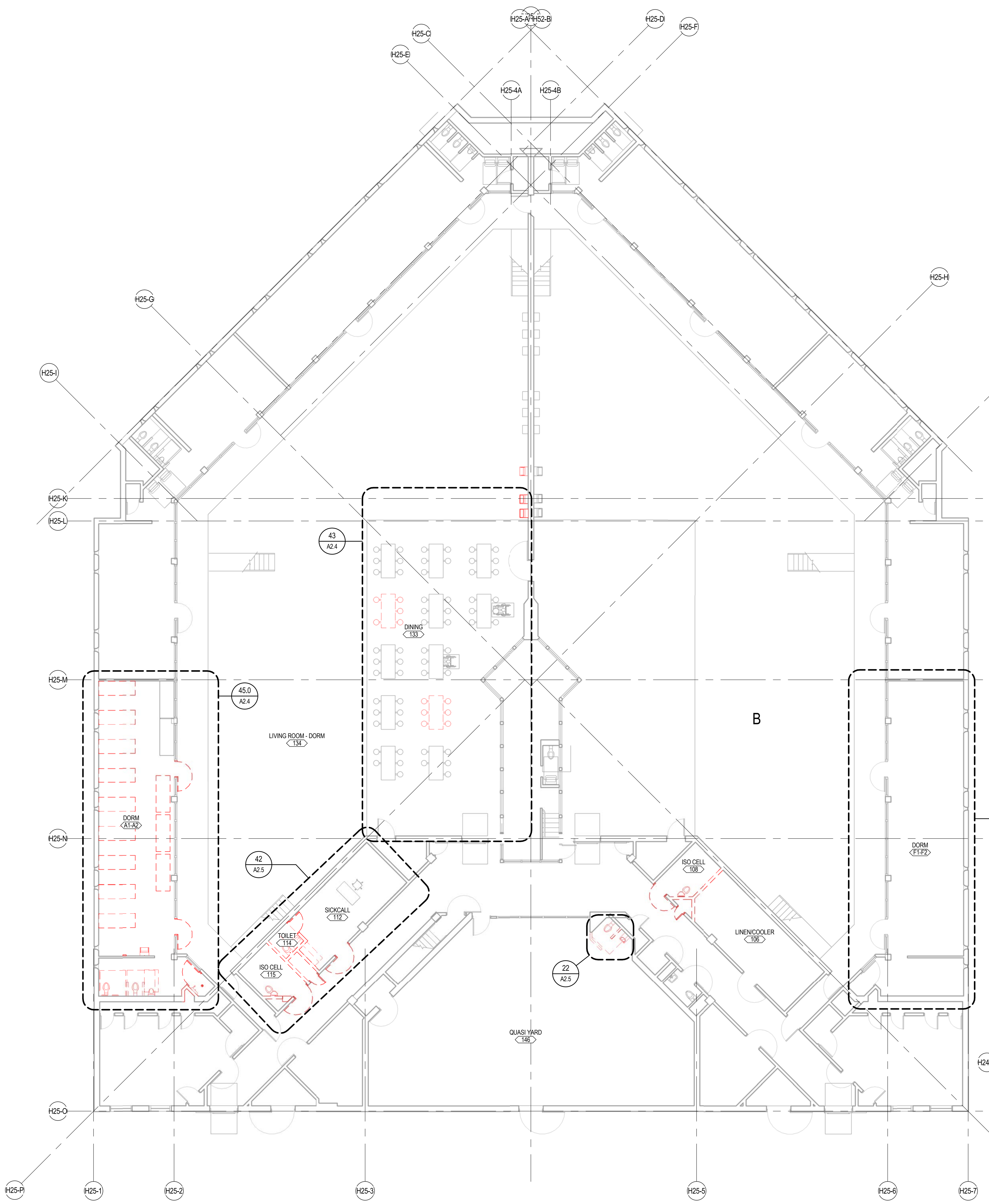
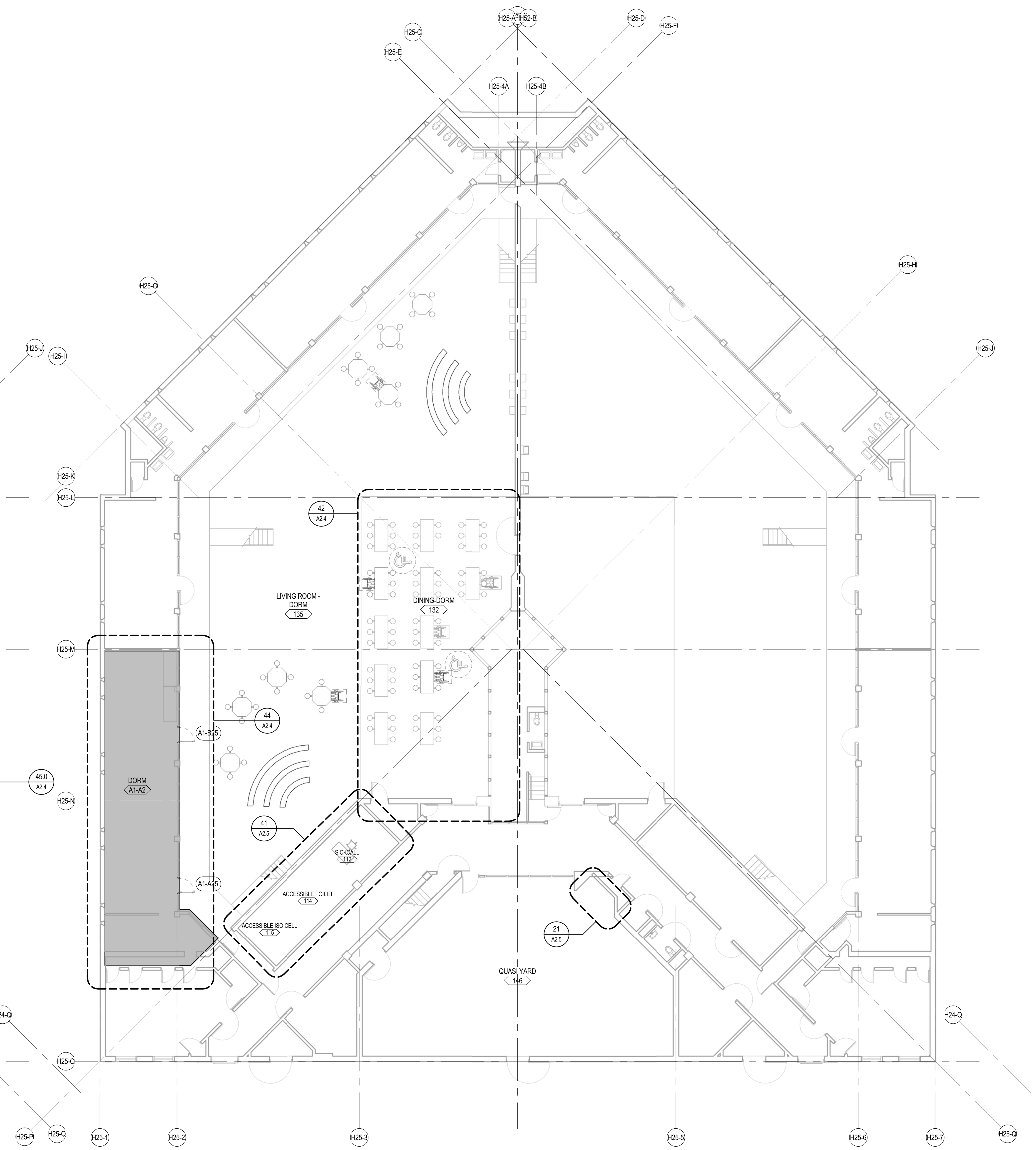


51 A1-25.1C HOUSING UNIT 25 - DEMO PLAN
SCALE: 3/32" = 1'-0"



1 A1-25.1C HOUSING UNIT 25 - FLOOR PLAN
SCALE: 3/32" = 1'-0"

LEGEND NOTES

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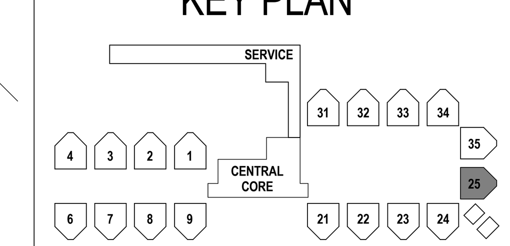
LEGEND

AREA OF WORK - ACCESSIBILITY UPGRADE BARRIER REMOVAL FOR HOUSING CELLS AND DORMS

KEY PLAN



CONSTRUCTION DOCUMENTS
PHASE 1C

5325 BRODER BLVD,
DUBLIN, CA 94568

DEMO & FLOOR PLAN - HOUSING UNIT 25
ALAMEDA CO. - SANTA RITA JAIL

A1-25.1C
75-17108-00
09-22-2017
Revisions

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Architecture Engineering Planning Interiors

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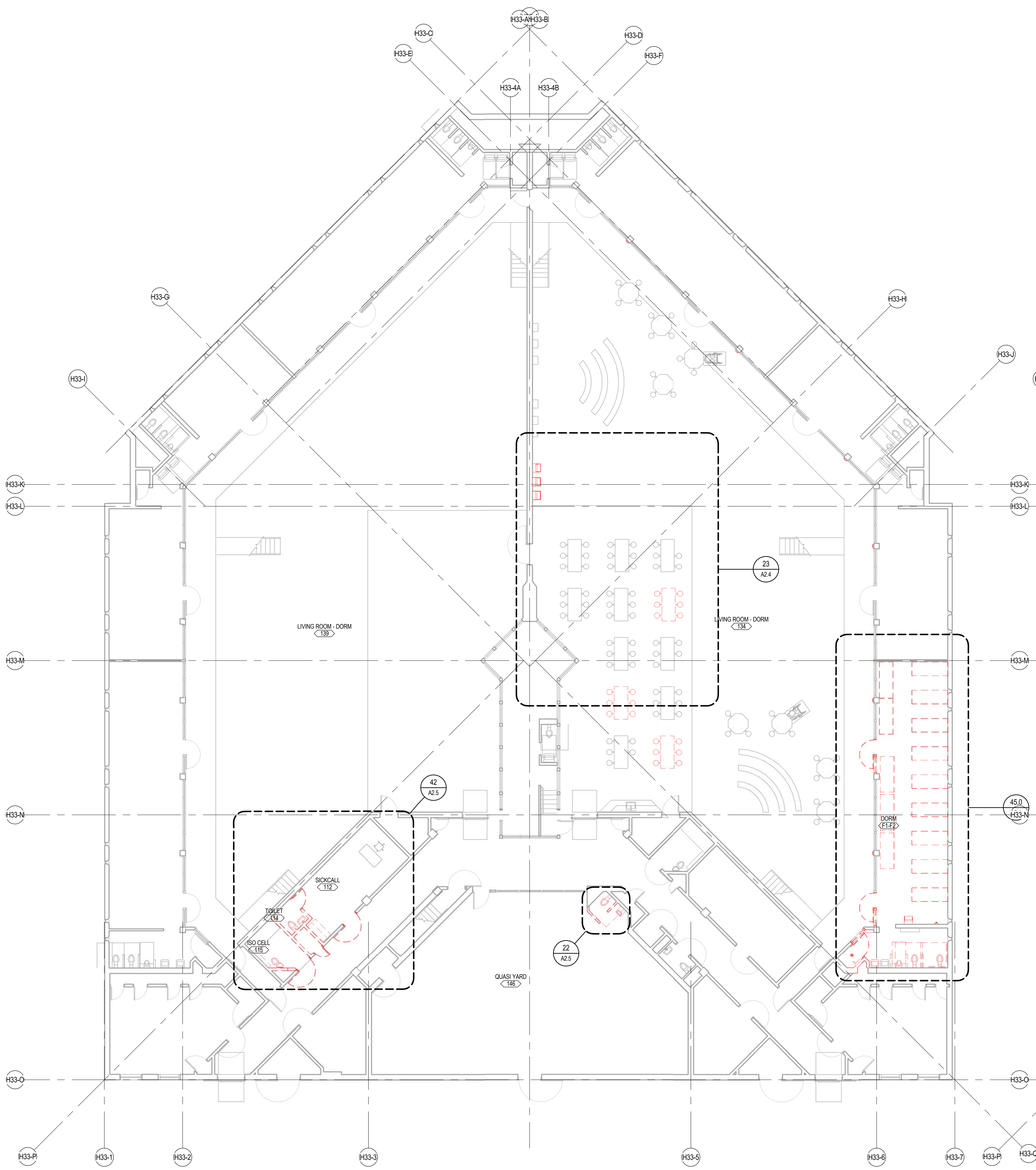
LEGEND NOTES

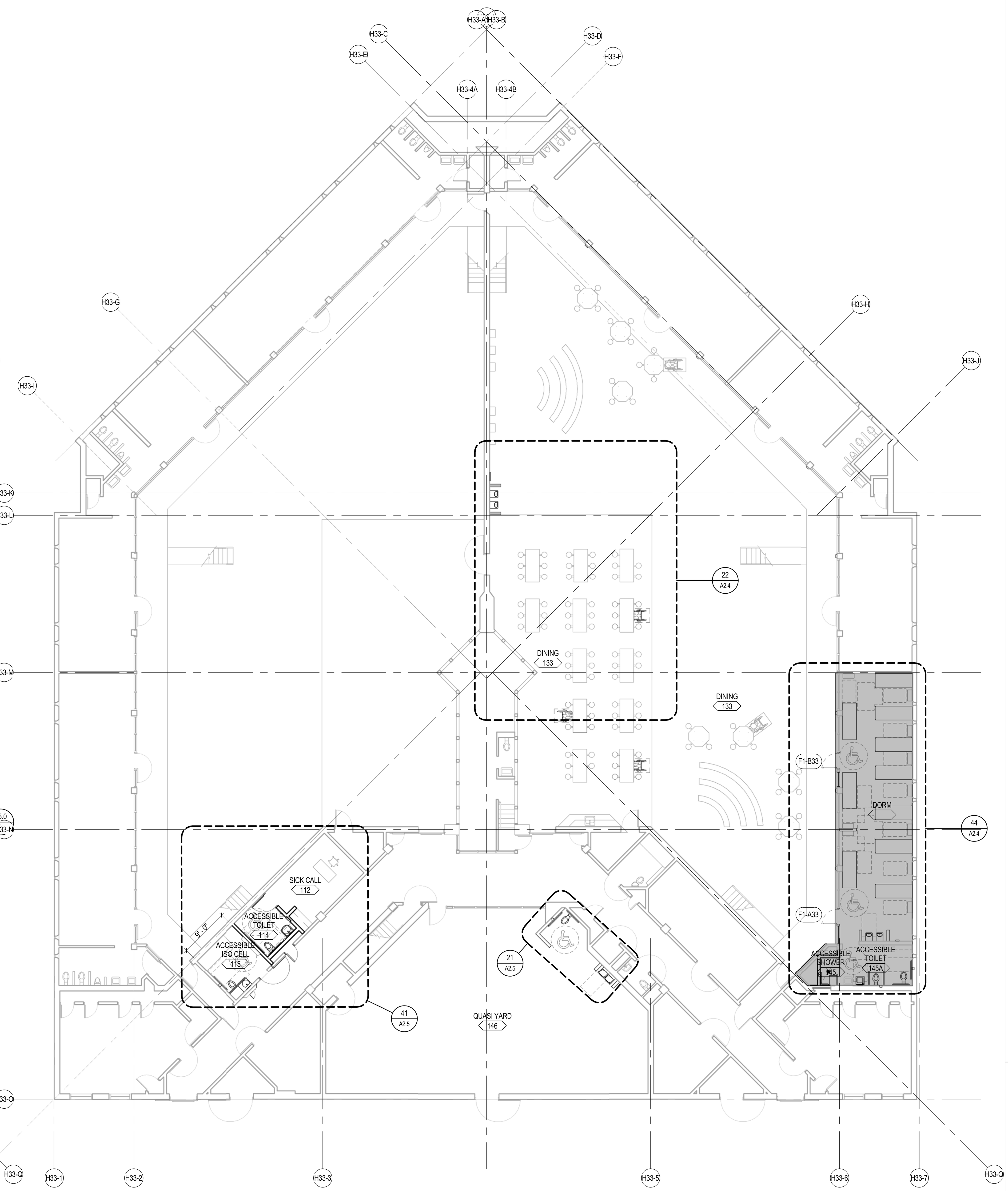
LEGEND NOTES ARE COMMON TO ALL
SOME NOTES MAY NOT APPLY TO THIS SHEET

LEGEND

AREA OF WORK - ACCESSIBILITY UPGRADE BARRIER REMOVAL FOR HOUSING CELLS AND DORMS

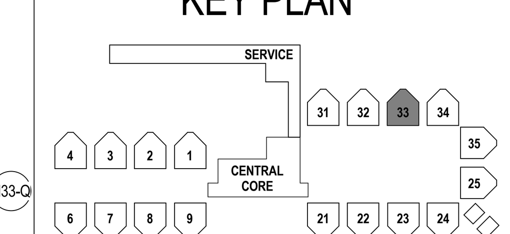


1 HOUSING UNIT 33 - DEMO PLAN
A1-33.1A SCALE: 3/32" = 1'-0"



2 HOUSING UNIT 33 - FLOOR PLAN
A1-33.1A SCALE: 3/32" = 1'-0"

KEY PLAN



CONSTRUCTION DOCUMENTS
PHASE 1A

5325 BRODER BLVD.
DUBLIN, CA 94568

DEMO & FLOOR PLAN - HOUSING UNIT 33
ALAMEDA CO. - SANTA RITA JAIL

A1-33.1A

75-17108-00
09-22-2017
Revisions

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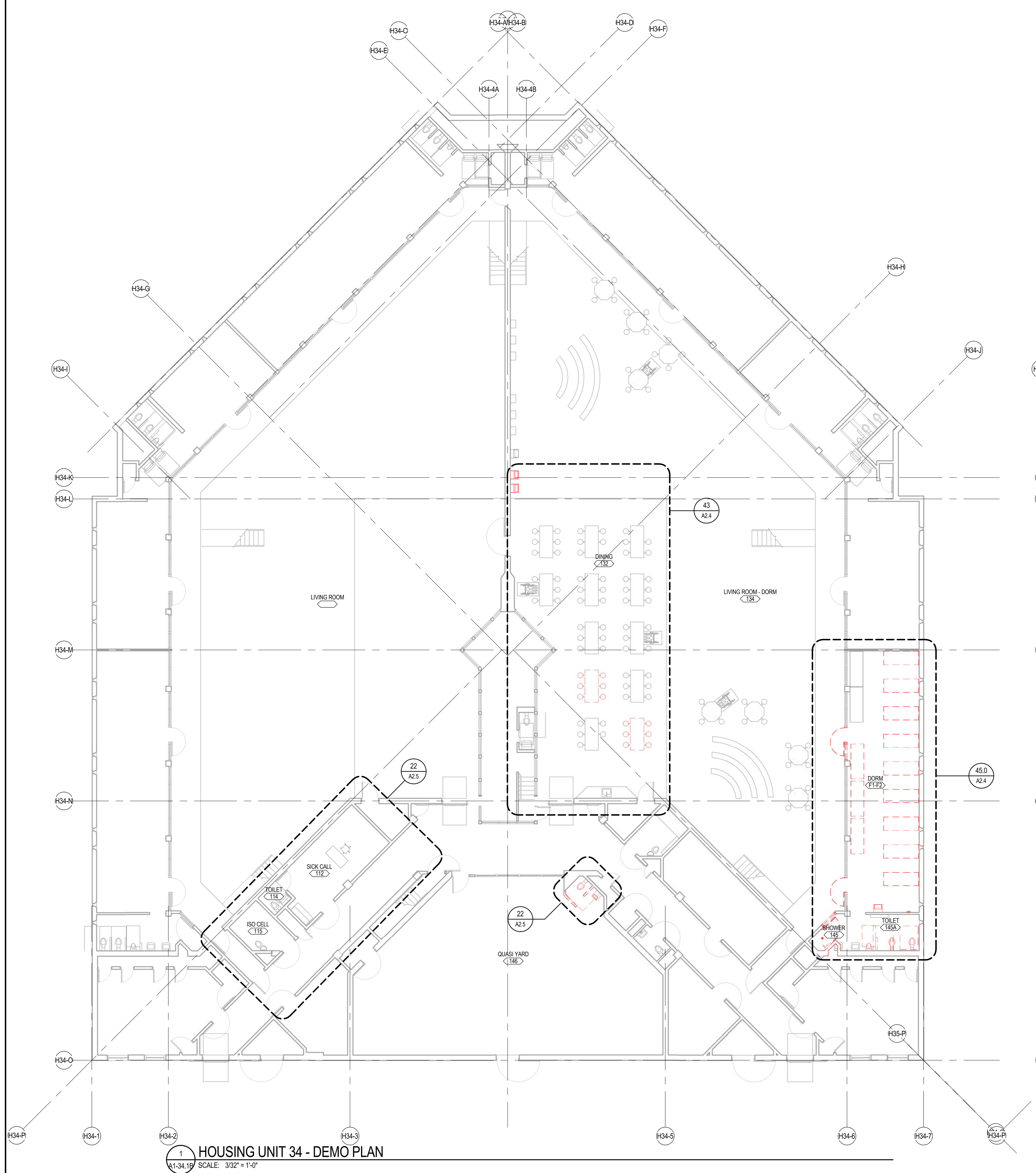
LEGEND NOTES

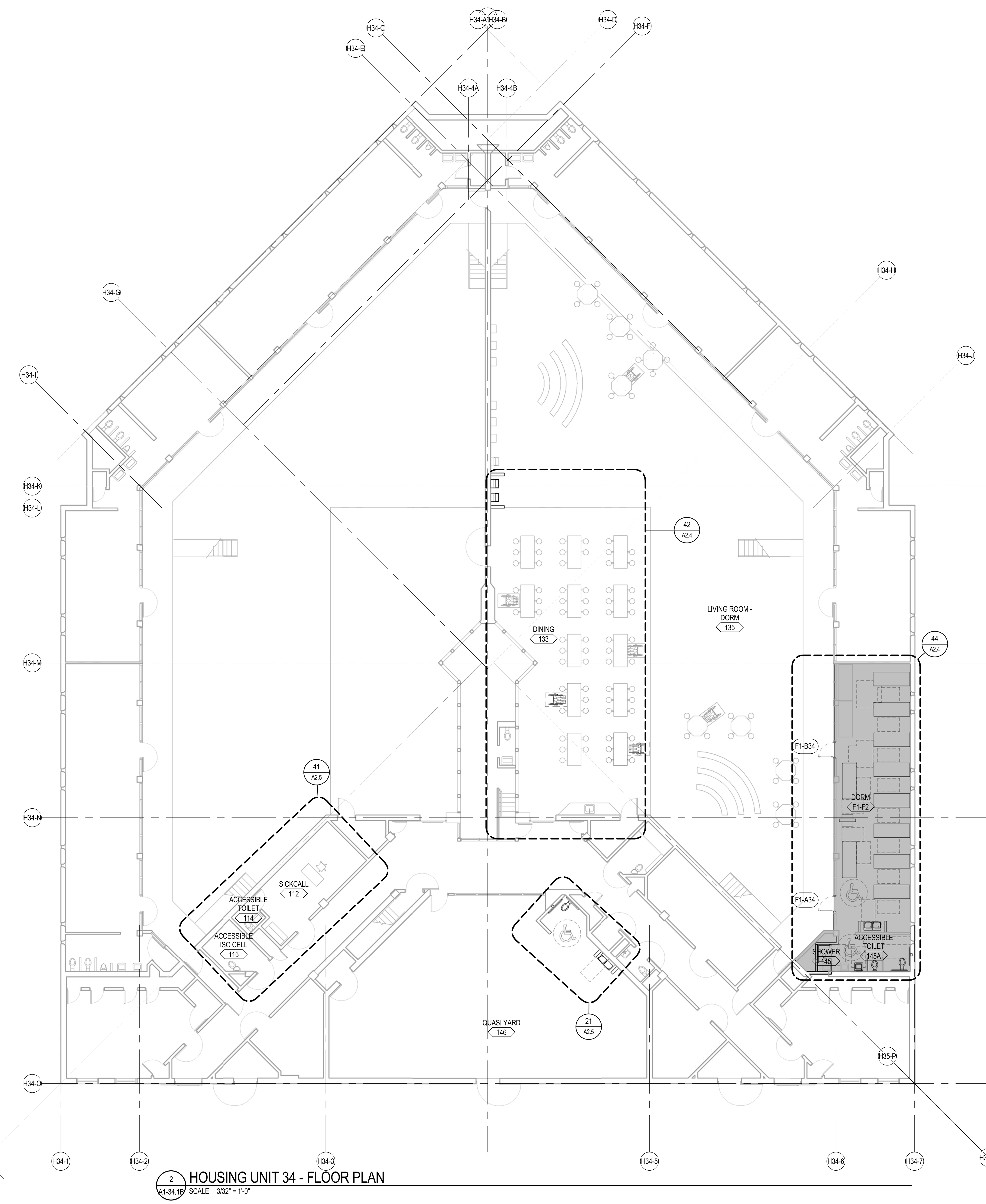
LEGEND NOTES ARE COMMON TO ALL
SOME NOTES MAY NOT APPLY TO THIS SHEET

LEGEND

AREA OF WORK - ACCESSIBILITY UPGRADE BARRIER REMOVAL FOR HOUSING CELLS AND DORMS

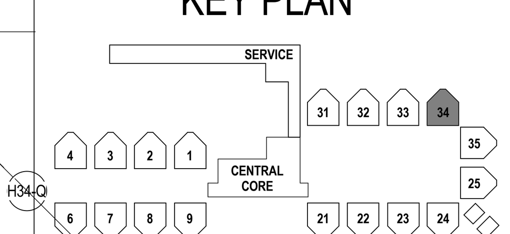


1 A1-34.1B HOUSING UNIT 34 - DEMO PLAN
SCALE: 3/32" = 1'-0"



2 A1-34.1B HOUSING UNIT 34 - FLOOR PLAN
SCALE: 3/32" = 1'-0"

KEY PLAN



CONSTRUCTION DOCUMENTS
PHASE 1B

5325 BRODER BLVD.
DUBLIN, CA 94568

DEMO & FLOOR PLAN - HOUSING UNIT 34
ALAMEDA CO. - SANTA RITA JAIL

A1-34.1B
75-17108-00
09-22-2017
Revisions

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ANDREW M. CUPPLES
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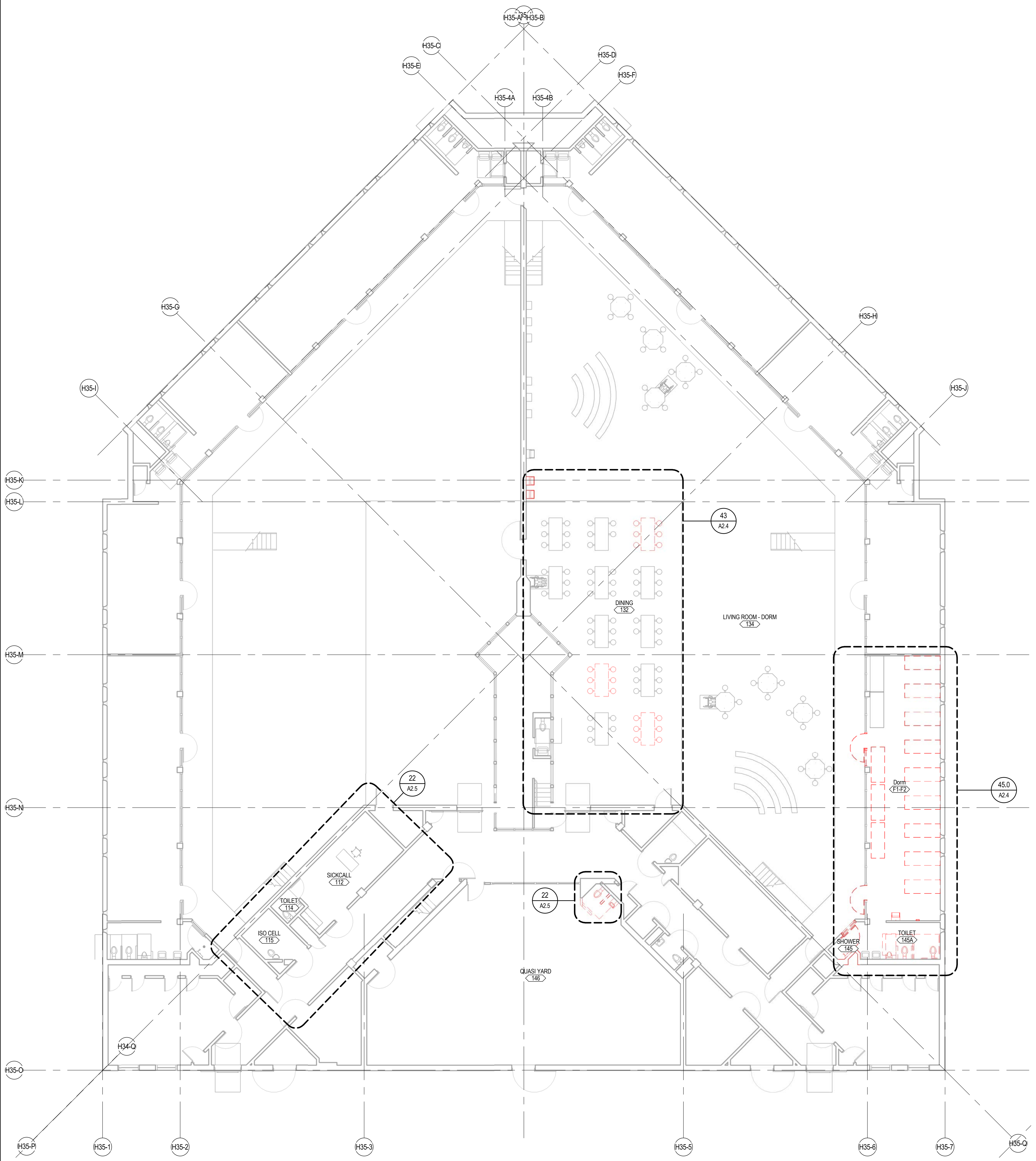
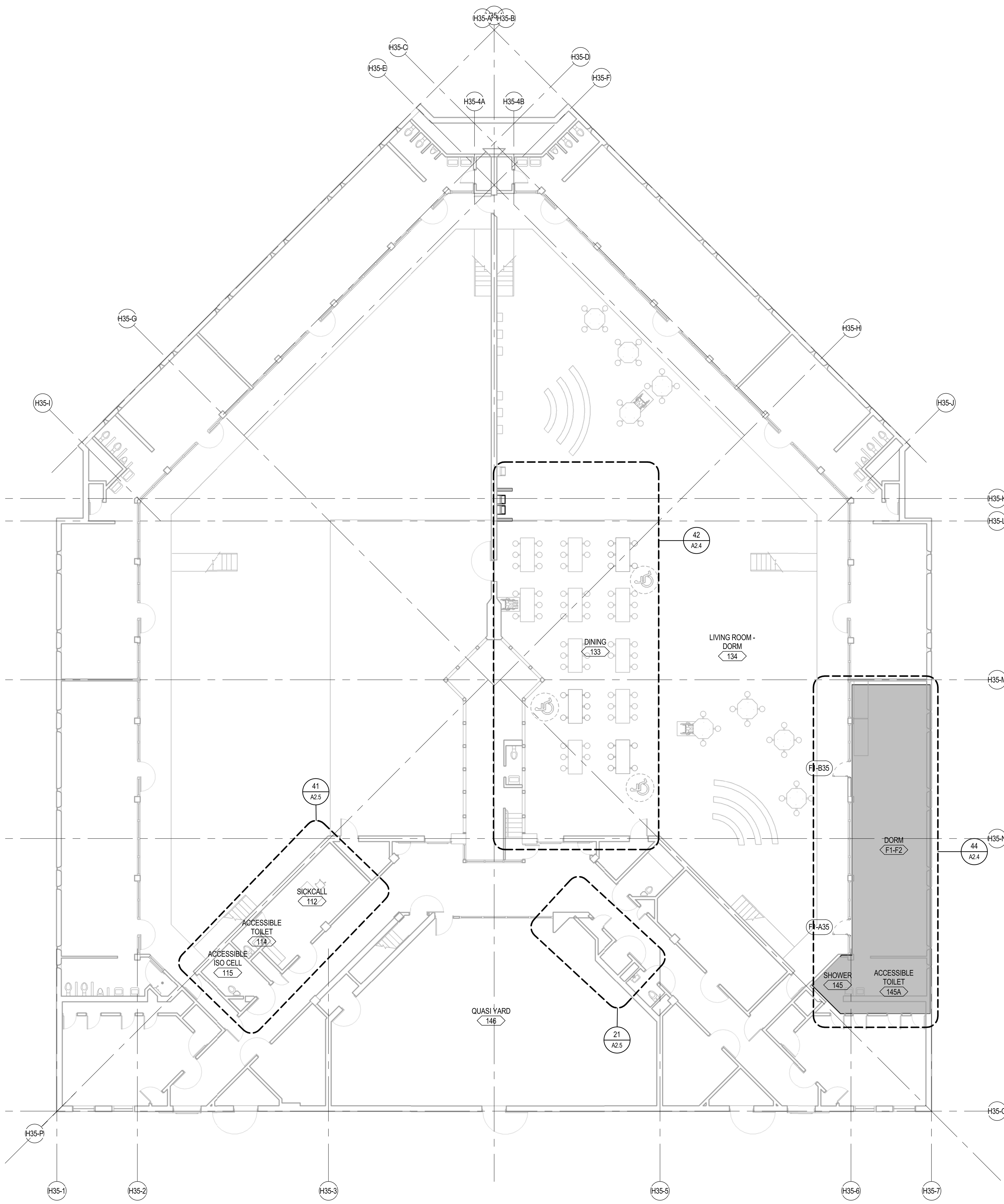


1 A1-35.2 HOUSING UNIT 35 - DEMO PLAN
SCALE: 3/32" = 1'-0"



2 A1-35.2 HOUSING UNIT 35 - FLOOR PLAN
SCALE: 3/32" = 1'-0"

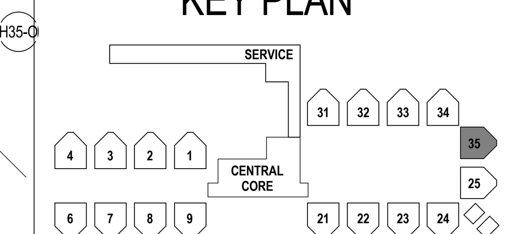
LEGEND NOTES

LEGEND NOTES ARE COMMON TO ALL
SOME NOTES MAY NOT APPLY TO THIS SHEET

LEGEND

AREA OF WORK - ACCESSIBILITY UPGRADE BARRIER REMOVAL FOR HOUSING CELLS AND DORMS

KEY PLAN



CONSTRUCTION DOCUMENTS
PHASE 2

5325 BRODER BLVD.
DUBLIN, CA 94568

DEMO & FLOOR PLAN - HOUSING UNIT 35
ALAMEDA CO. - SANTA RITA JAIL

A1-35.2
75-17108-00
09-22-2017
Revisions

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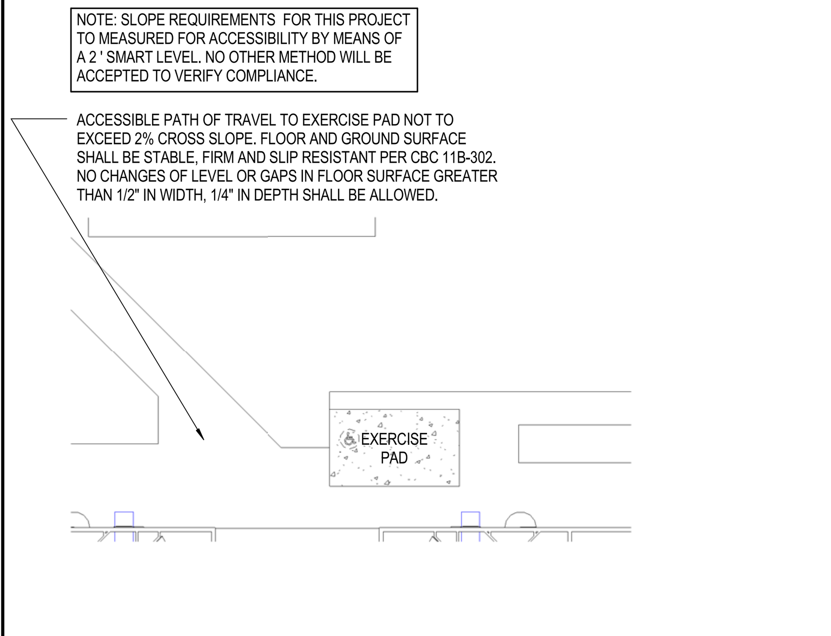
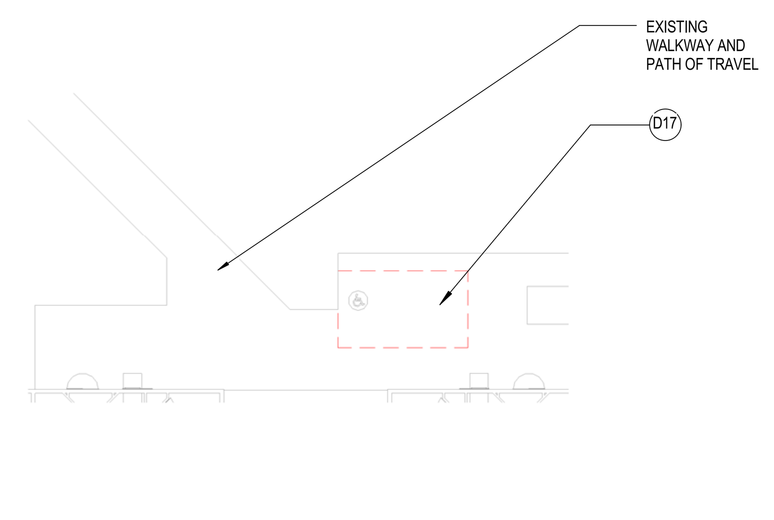


11 A2.1 **MEDIUM EXERCISE YARD - ENLARGED PLAN**
SCALE: 1/32" = 1'-0"



12 A2.1 **MEDIUM EXERCISE YARD - ENLARGED DEMO PLAN**
SCALE: 1/32" = 1'-0"


MEDIUM YARD

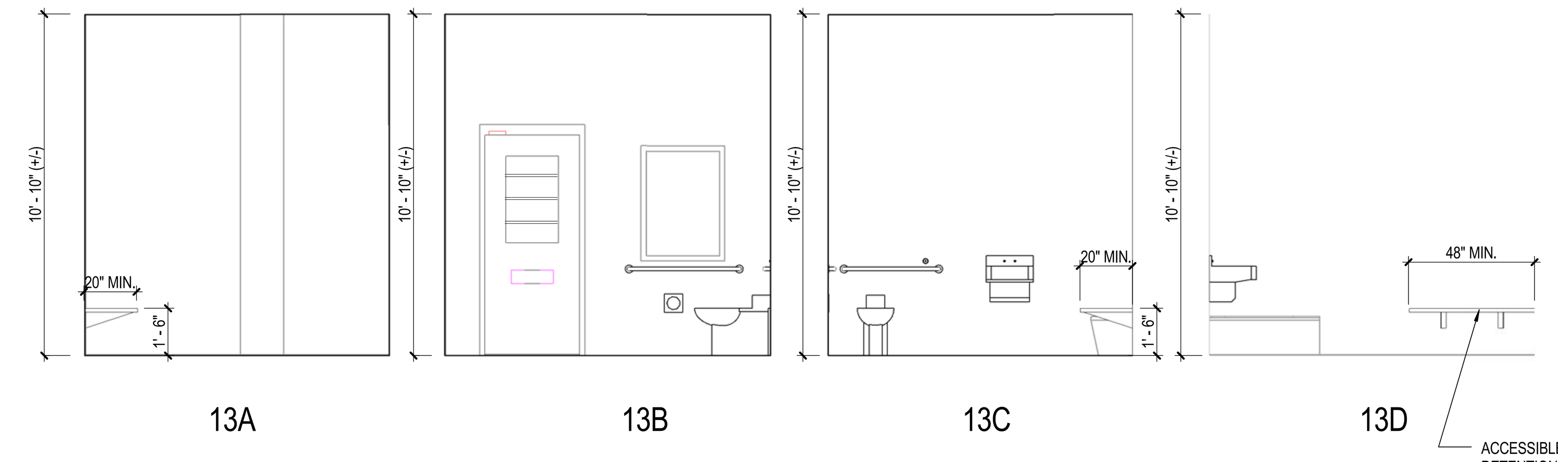
PREPARE FLOOR SURFACE TO PROVIDE 20 X 30 ACCESSIBLE EXERCISE PAD AND ACCESSIBLE PATH OF TRAVEL (SIM. AT MINIMUM YARD)


MINIMUM YARD

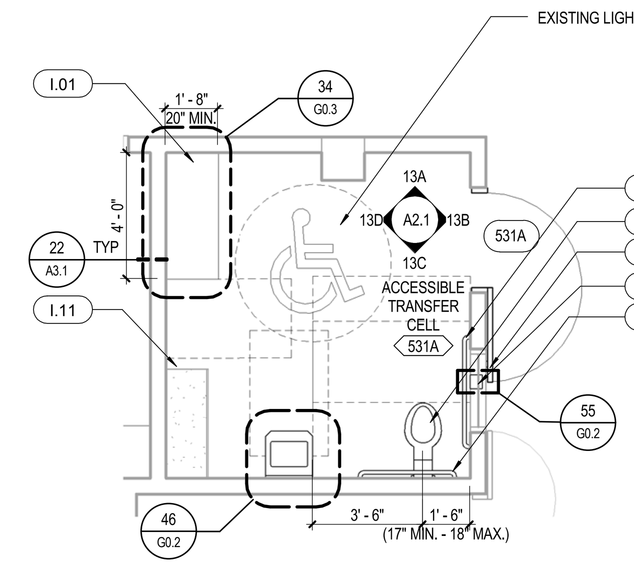
PROVIDE ACCESSIBLE ROUTE TO BLEACHERS WITH A CROSS SLOPE NOT TO EXCEED 2%


MINIMUM YARD

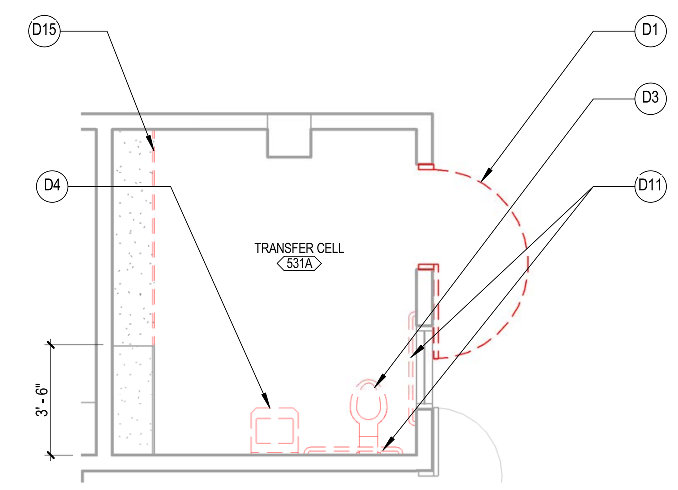
PREPARE FLOOR SURFACE TO PROVIDE ACCESSIBLE CLEAR FLOOR SPACE (66" TO 72" W X 48" TO 60" D) TO ACCOMODATE 2 WHEELCHAIRS AND A COMPANION SEAT BENCH (CBC 11B-802 AND CBC 11B-802.3.2)



TRANSFER CELL #531A - T-19 INTERIOR ELEVATIONS
SEE DETAIL 34/G0.2 FOR TYPICAL MOUNTING HEIGHTS



24 A2.1 **TRANSFER CELL #531A -T-19 ENLARGED PLAN**
SCALE: 1/4" = 1'-0"
SEE DETAIL 34/G0.2 FOR TYPICAL MOUNTING HEIGHTS



25 A2.1 **TRANSFER CELL #531A -T-19 ENLARGED DEMO PLAN**
SCALE: 1/4" = 1'-0"

PATCH AND REPAIR/ PAINT EXISTING CMU WALL WHERE LAV IS REMOVED. FINISH TO MATCH EXISTING AS REQUIRED

PATCH AND REPAIR / PAINT EXISTING DOOR FRAME TO MATCH EXISTING AS REQUIRED

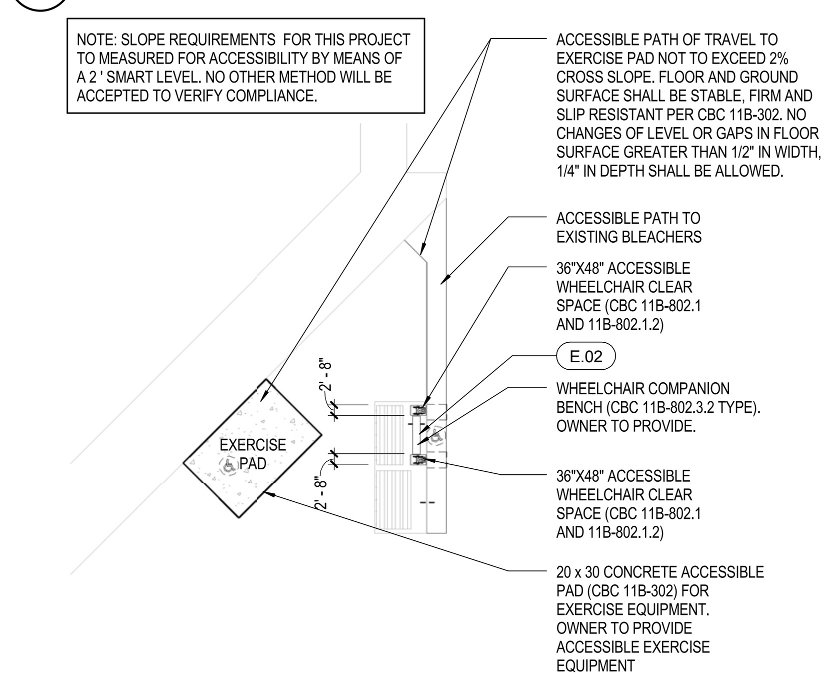
PATCH AND REPAIR SURFACE EDGE OF EXISTING CONCRETE BENCH WHERE REMOVED / MODIFIED TO MATCH EXISTING

REMOVE FLUSH CONTROL VALVE. PATCH AND REPAIR / PAINT EXISTING CMU WALL TO MATCH EXISTING AS REQUIRED

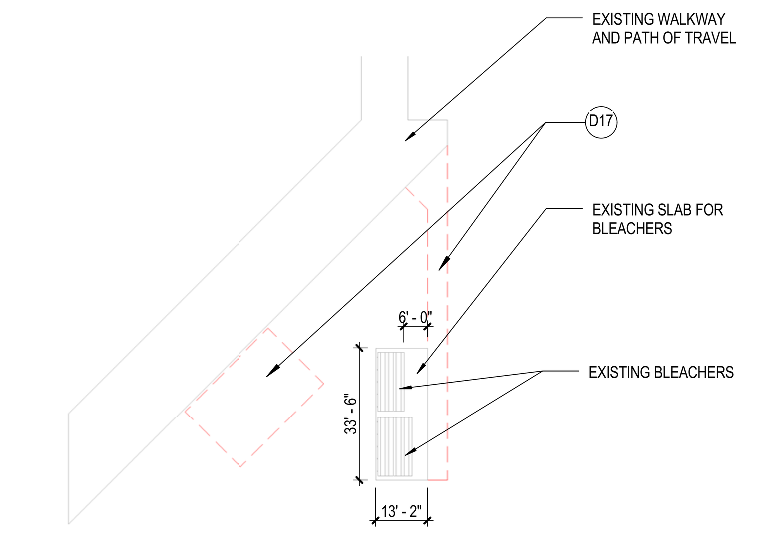
REMOVE GRAB BAR(S). PATCH AND REPAIR /PAINT EXISTING CMU WALL TO MATCH EXISTING

PATCH AND REPAIR / PAINT EXISTING CMU WALL AND FLOOR TO MATCH EXISTING AS REQUIRED

26 A2.1 **TRANSFER CELL #531A - T-19 REFERENCE PHOTOS**
SCALE: 12" = 1'-0"

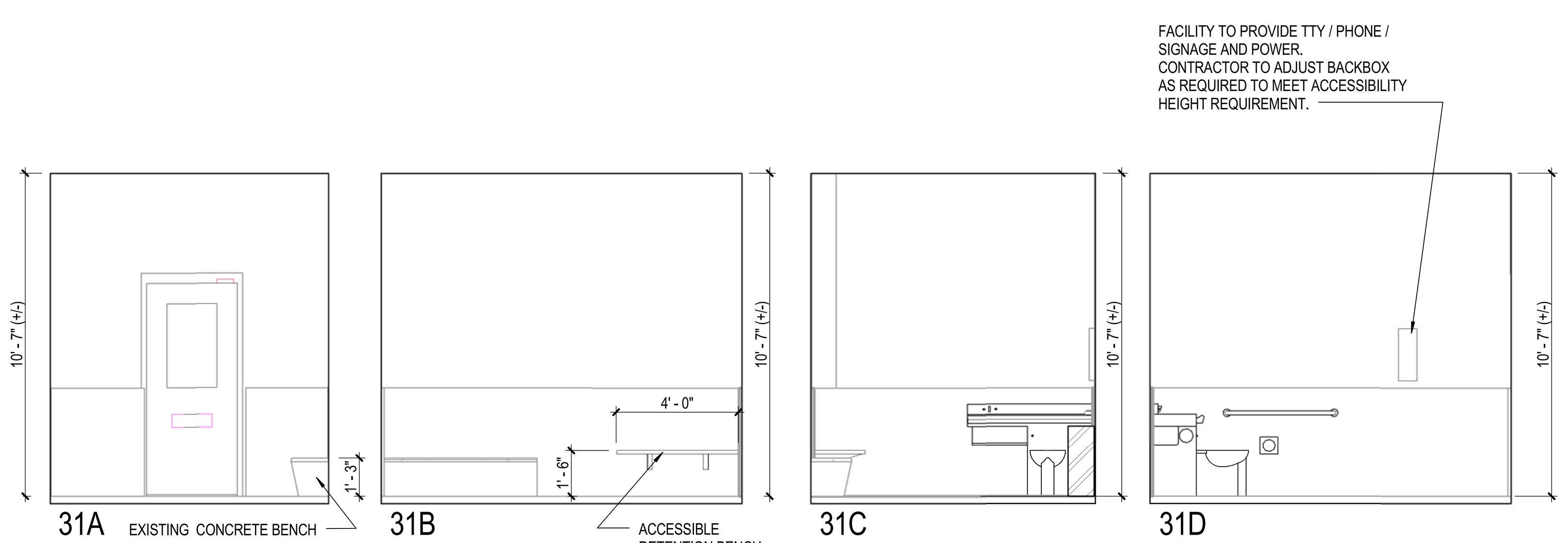


21 A2.1 **MINIMUM EXERCISE YARD - ENLARGED PLAN**
SCALE: 1/32" = 1'-0"

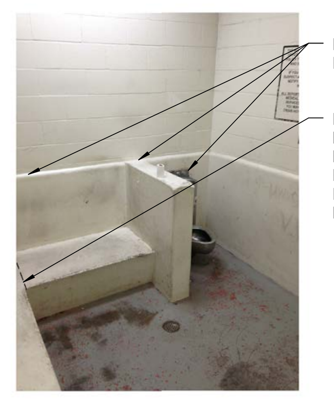


22 A2.1 **MINIMUM EXERCISE YARD - ENLARGED DEMO PLAN**
SCALE: 1/32" = 1'-0"

23 A2.1 **MIN. & MED. EXERCISE YARD - REFERENCE PHOTOS**
SCALE: 12" = 1'-0"



SOBERING CELL #524A - INTERIOR ELEVATIONS
SEE DETAIL 34/G0.2 FOR TYPICAL MOUNTING HEIGHTS

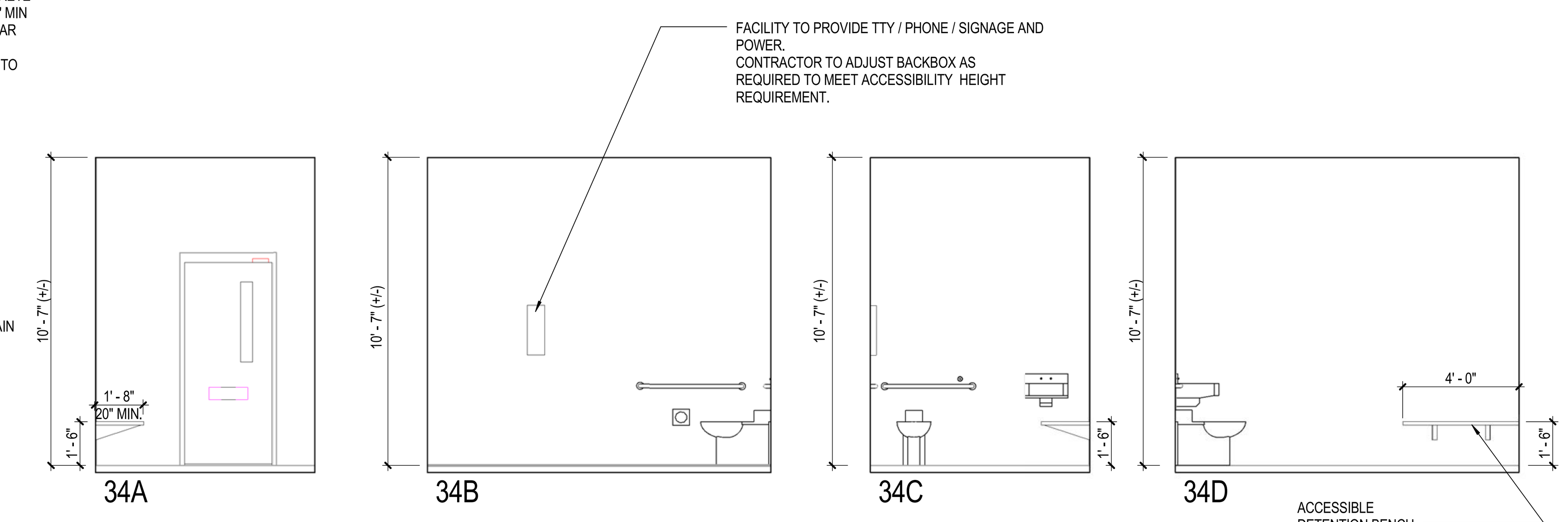


PATCH AND REPAIR / PAINT WALL TO MATCH EXISTING AS REQUIRED

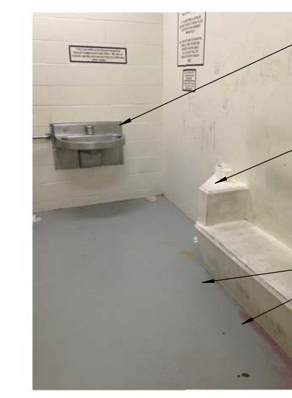
PATCH AND REPAIR DEMO EDGE OF EXISTING CONCRETE BENCH, RECESS/GRIND DOWN THE CUT REBAR 1 1/2" MIN BELOW FINISH SURFACE, ROUGHEN CONCRETE REBAR HOLE SURFACE FOR EPOXY KEYING, FORM UP AND EPOXY FILL ALL HOLES, SAND, SMOOTH, AND FINISH TO MATCH EXISTING

BUSH CONCRETE FLOOR SLAB AS REQUIRED TO ATTAIN FLOW LINES, RESET EXISTING FLOOR DRAIN TO FINISH FLOOR ELEVATION

PATCH AND REPAIR / PAINT DOOR FRAME TO MATCH EXISTING AS REQUIRED



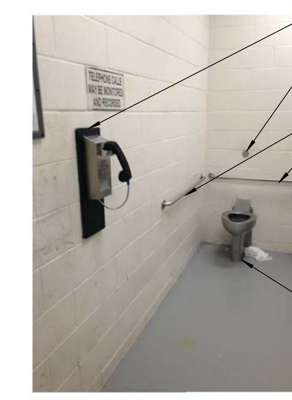
TEMP. HOLDING CELL #518A - INTERIOR ELEVATIONS
SEE DETAIL 34/G0.2 FOR TYPICAL MOUNTING HEIGHTS



PATCH AND REPAIR / PAINT EXISTING CMU WALL TO MATCH EXISTING AS REQUIRED

PATCH AND REPAIR FLOOR AND WALL WHERE CONCRETE PARTITION IS REMOVED. MATCH EXISTING FINISH AS REQUIRED

PATCH AND REPAIR FLOOR AND WALL WHERE BENCH IS REMOVED. MATCH EXISTING FINISH AS REQUIRED.

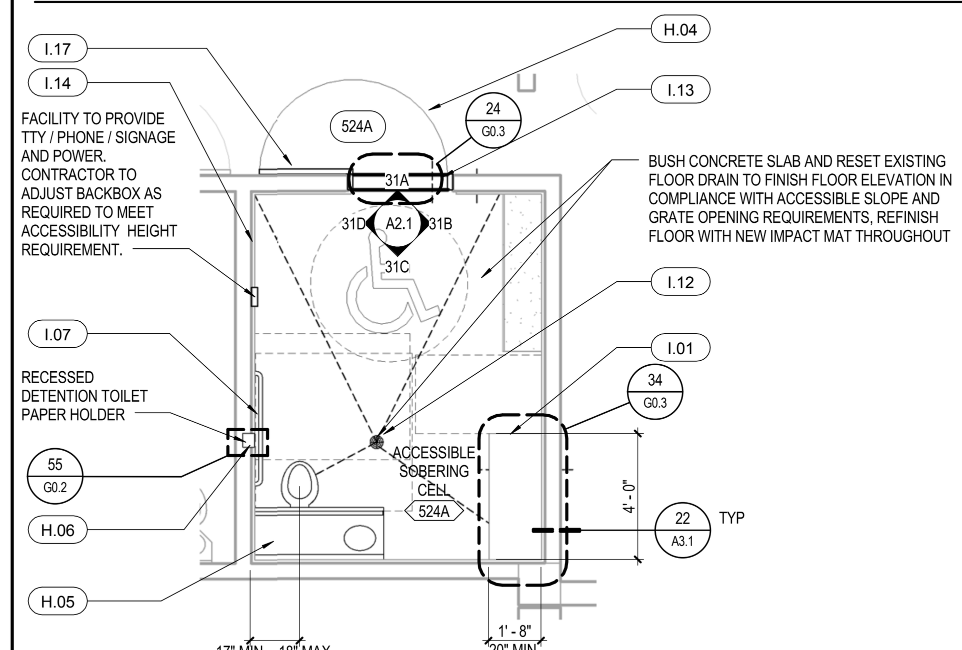


REMOVE FLUSH CONTROL VALVE AND PHONE. SEE 44/A2.1 FOR INFORMATION RE: (E) PHONE. PATCH AND REPAIR / PAINT EXISTING CMU WALL TO MATCH EXISTING AS REQUIRED.

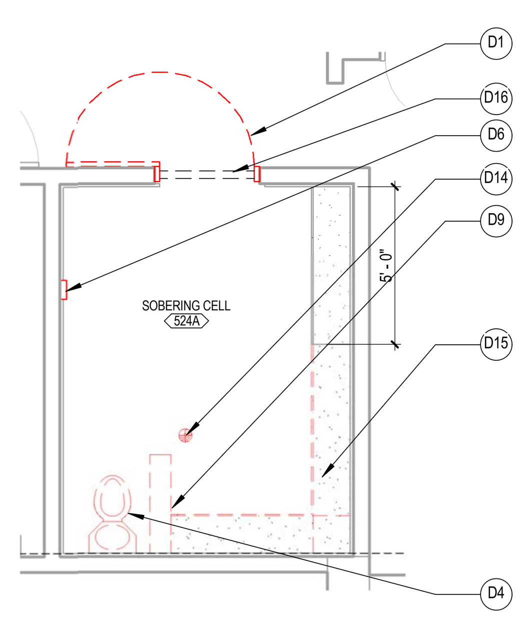
REMOVE GRAB BARS(S). PATCH AND REPAIR / PAINT EXISTING CMU WALL TO MATCH EXISTING

PATCH AND REPAIR / PAINT EXISTING FLOOR TO MATCH EXISTING AS REQUIRED

PATCH AND REPAIR / PAINT EXISTING DOOR FRAME TO MATCH EXISTING AS REQUIRED

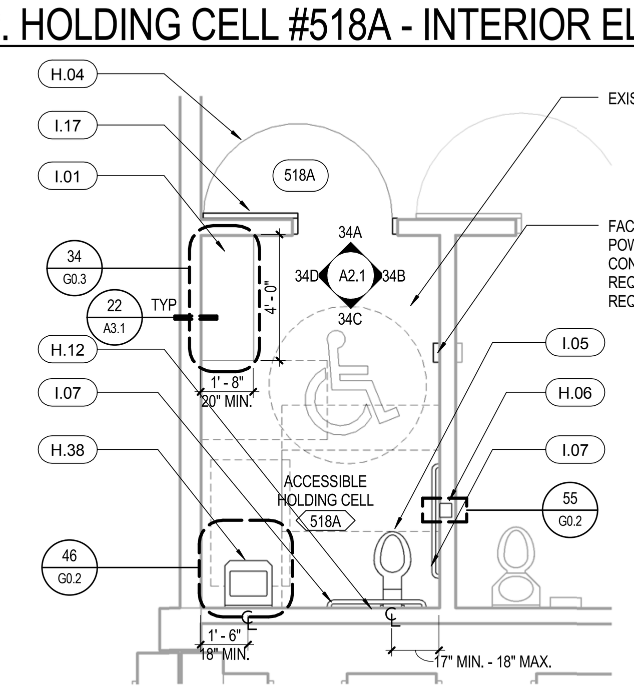


41 A2.1 **SOBERING CELL #524A - ENLARGED PLAN**
SCALE: 1/4" = 1'-0"
SEE DETAIL 34/G0.2 FOR TYPICAL MOUNTING HEIGHTS

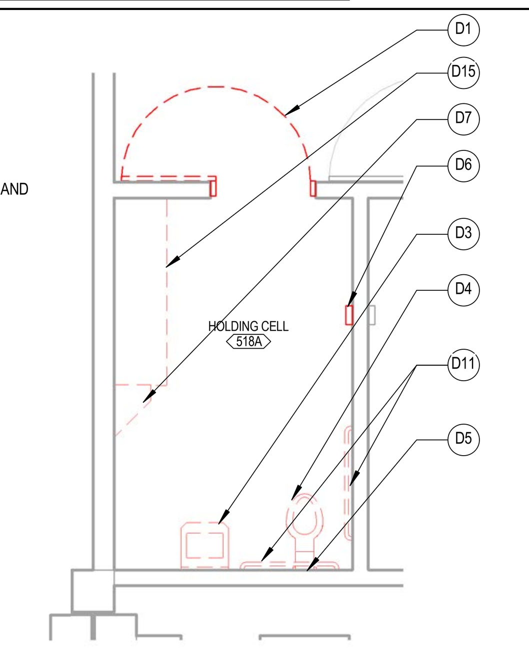


42 A2.1 **SOBERING CELL #524A - ENLARGED DEMO PLAN**
SCALE: 1/4" = 1'-0"

43 A2.1 **SOBERING CELL #524A - REFERENCE PHOTOS**
SCALE: 12" = 1'-0"



44 A2.1 **TEMP. HOLDING CELL #518A - ENLARGED PLAN**
SCALE: 1/4" = 1'-0"
SEE DETAIL 34/G0.2 FOR TYPICAL MOUNTING HEIGHTS



45 A2.1 **TEMP. HOLDING CELL #518A - ENLARGED DEMO PLAN**
SCALE: 1/4" = 1'-0"

46 A2.1 **TEMP. HOLDING CELL #518A - REFERENCE PHOTOS**
SCALE: 12" = 1'-0"

BARRIER KEYNOTES

(X.XX) FOR BARRIER LIST AND SOLUTIONS, SEE SHEET G0.4 AND G0.5

E.02	BLEACHER SEATING PROVIDE
H.03	DOOR FRAME/WALL
H.04	DOOR LEAF
H.05	WC/LAV COMBI
H.06	TOILET PAPER HOLDER
H.07	MIRROR
H.08	GB SIDE
H.09	ELECTRICAL CONTROL
H.10	LIGHT
H.11	PHONE TTY SIGNAGE
H.12	FV
H.13	FLOOR DRAIN
H.14	INSTA-HOT BEVERAGE STATION
H.16	TABLE/STOOL
H.19	GUARD RAILS
H.20	GB REAR
H.21	SHOWER
H.22	SHOWER CONTROLS
H.23	GB SHOWER
H.24	CALL BUTTON
H.26	VISITATION HEADSET
H.31	WF HEIGHT
H.32	WF REPLACE
H.33	WF HIGH PROVIDE
H.38	LAV
H.39	BED REPLACE
H.40	SHOWER FLOOR
H.41	WHEEL CHAIR STRORAGE AREA
I.01	BENCH
I.05	WC
I.07	GB SIDE RETROFIT/REPLACE
I.11	BENCH/CONCRETE SELECTIVE DEMO
I.12	FLOOR BUSH SLAB
I.13	DOOR TRANSITION
I.14	SIGNAGE
I.17	DOOR HARDWARE
O.05	COUNTERTOP
O.20	GB SITZ BATH SIDE
O.46	TUB CONTROLS
O.50	SITZ CONTROL
O.51	SITZ FAUCET PIPE
O.52	PRIVACY SCREEN
O.53	GB TUB HEAD WALL, HIGH
O.54	GB TUB CONTROL WALL
O.57	TUB
O.58	VARIOUS LIGATURE
O.59	WALLS

(X.XX) FOR BARRIER LIST AND SOLUTIONS, SEE SHEET G0.4 AND G0.5

D39	REMOVE AND SALVAGE FIXED MIDDLE SEAT FROM EXISTING DETENTION TABLE
D40	RELOCATE AND AJUST HEIGHT OF INTERCOM / CALL BUTTON
D41	REMOVE, SALVAGE AND RELOCATE (E) DOOR AND FRAME
D26	REMOVE / RETROFIT (E) WALL MOUNTED LIGHT CONTROL
D27	REMOVE EXISTING HOT WATER SPICKET
D28	REMOVE EXISTING STANDARD BUNK BED
D29	REMOVE (E) CUSTOM BUNK BED (WITH STORAGE DRAWER)
D30	REMOVE / RETROFIT EXISTING STEEL MESH PANEL AND FRAME
D31	REMOVE EXISTING URINAL
D32	REMOVE, SALVAGE AND RELOCATE EXISTING MIRROR-VERIFY FIELD CONDITION OF MIRROR
D33	REMOVE, SALVAGE AND RELOCATE EXISTING CABINETRY (UPPER AND/OR LOWER)
D34	REMOVE, SALVAGE AND RELOCATE EXISTING SHOWER DOOR AND IT'S ENTIRETY
D35	REMOVE, SALVAGE AND RELOCATE EXISTING LIGHT FIXTURE
D36	REMOVE (E) SAFETY CELL PADDING AT WALL, FLOOR AND CEILING
D37	REMOVE EXISTING CEILING AND ITS ENTIRETY
D38	REMOVE FIXTURE CONTROLS
D13	REMOVE EXISTING FULL HEIGHT WALL AS INDICATED ON PLAN
D14	REMOVE AND SALVAGE EXISTING FLOOR DRAIN
D15	REMOVE EXISTING CONCRETE SHOWER BENCH
D16	REMOVE EXISTING THRESHOLD / CONCRETE CURB
D17	REMOVE EXISTING TOP SOIL
D18	REMOVE EXISTING DOOR AND FRAME
D19	REMOVE EXISTING WINDOW UNIT
D20	REMOVE EXISTING FIXED STOOL
D21	REMOVE EXISTING CONCRETE COUNTER
D22	REMOVE EXISTING MULTIPLE DOOR FRAME/UNIT
D23	REMOVE EXISTING VISITATION HANDSET
D24	REMOVE EXISTING LIGHT FIXTURE
D25	REMOVE EXISTING UPPER BUNK BED

LEGEND NOTES

LEGEND NOTES ARE COMMON TO ALL
SOME NOTES MAY NOT APPLY TO THIS SHEET

D1	REMOVE EXISTING DOOR LEAF AND HARDWARE. EXISTING DOOR FRAME TO REMAIN
D2	REMOVE EXISTING ACCESSIBLE GRAB BAR OR RETROFIT EXISTING TO MEET LIGATURE RESISTANT REQUIREMENTS
D3	REMOVE EXISTING LAVATORY
D4	REMOVE EXISTING WATER CLOSET / COMBY UNIT
D5	REMOVE EXISTING WALL MOUNTED FLUSH VALVE
D6	REMOVE EXISTING WALL MOUNTED PHONE
D7	REMOVE EXISTING CONCRETE BASE
D8	REMOVE EXISTING FLOOR DRAIN
D9	REMOVE PARTIAL HEIGHT WALL
D10	REMOVE EXISTING WATER FOUNTAIN
D11	REMOVE EXISTING GRAB BARS
D12	REMOVE EXISTING SHOWER CONTROL PANEL

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CONSTRUCTION DOCUMENTS

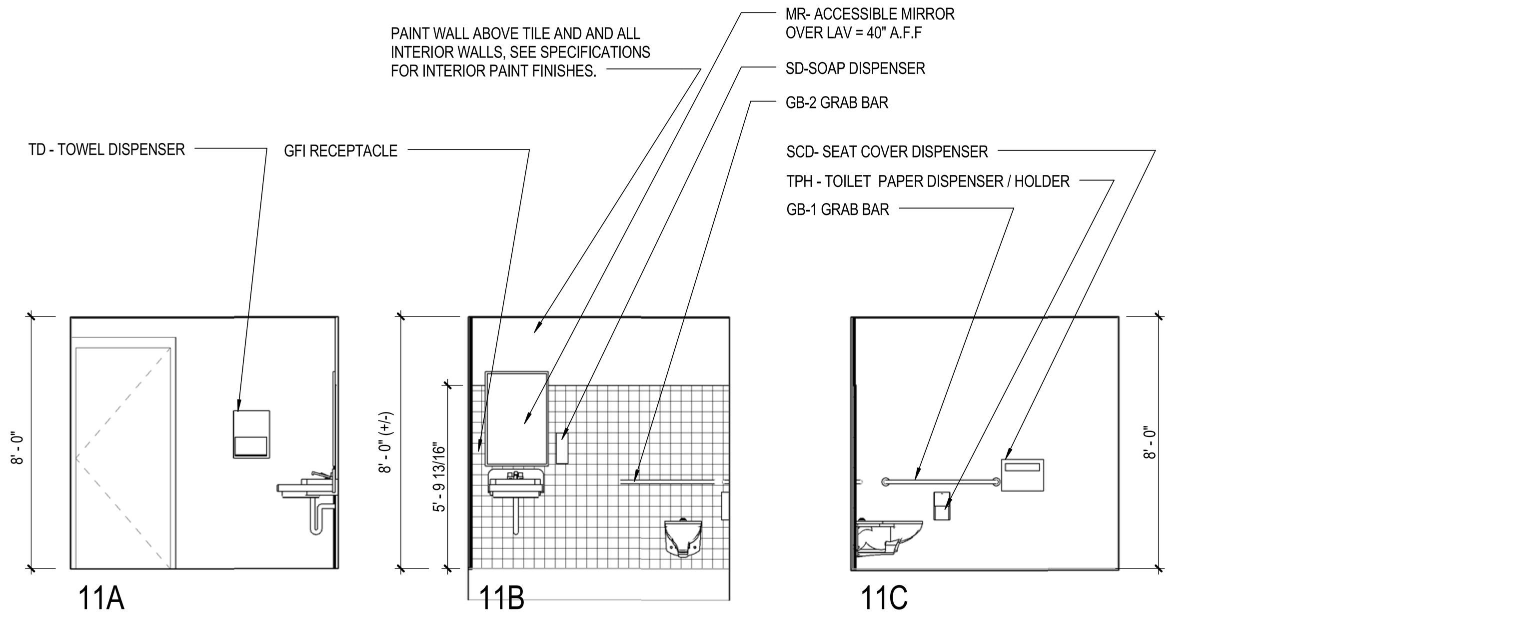
5325 BRODER BLVD.
DUBLIN, CA 94568

DEMO & ENLARGED PLANS / INTERIOR ELEVATIONS
ALAMEDA CO. - SANTA RITA JAIL

A2.1
75-17108-00
09-22-2017
Revisions

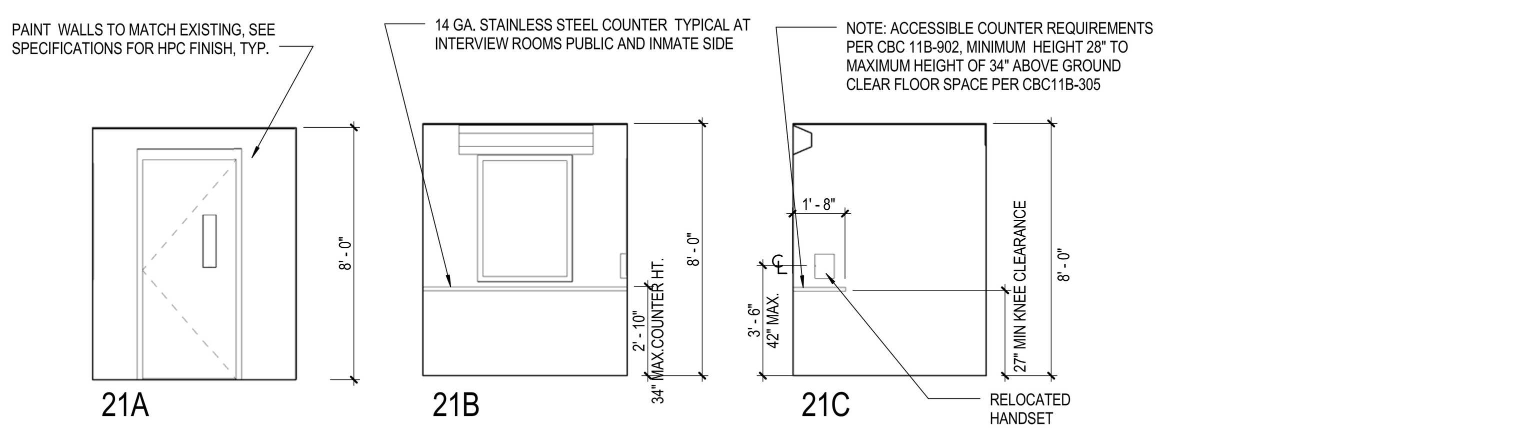
LICENSED ARCHITECT
ANDREW M. CUPPLES
C-25293
06/30/2019
STATE OF CALIFORNIA

DLR Group
Architecture Engineering Planning Interiors



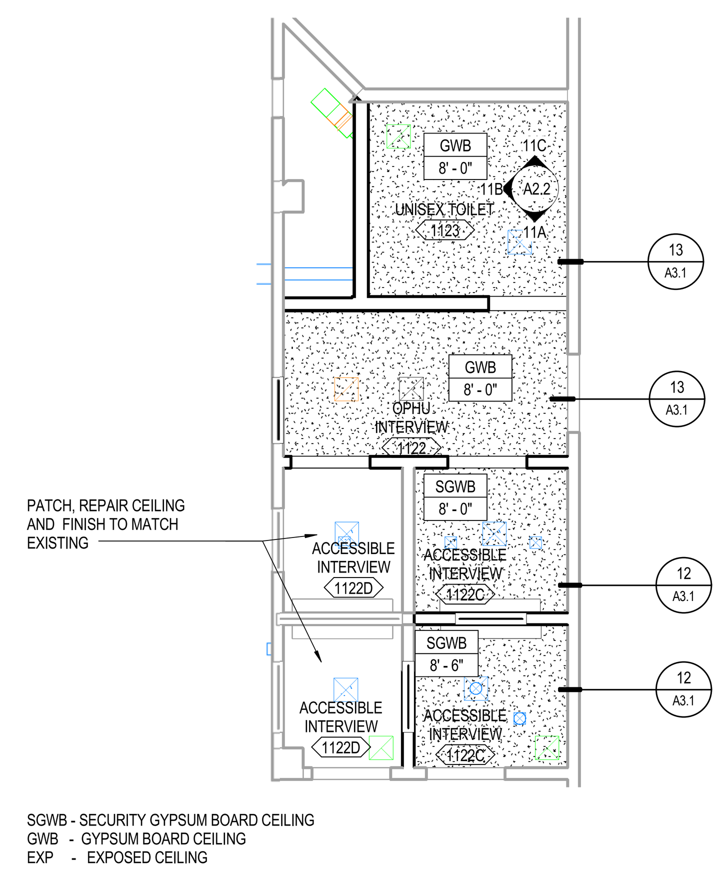
OPHU VISITATION UNISEX TOILET #123 - INTERIOR ELEVATIONS

SEE DETAIL 34/G0.2 FOR TYPICAL MOUNTING HEIGHTS



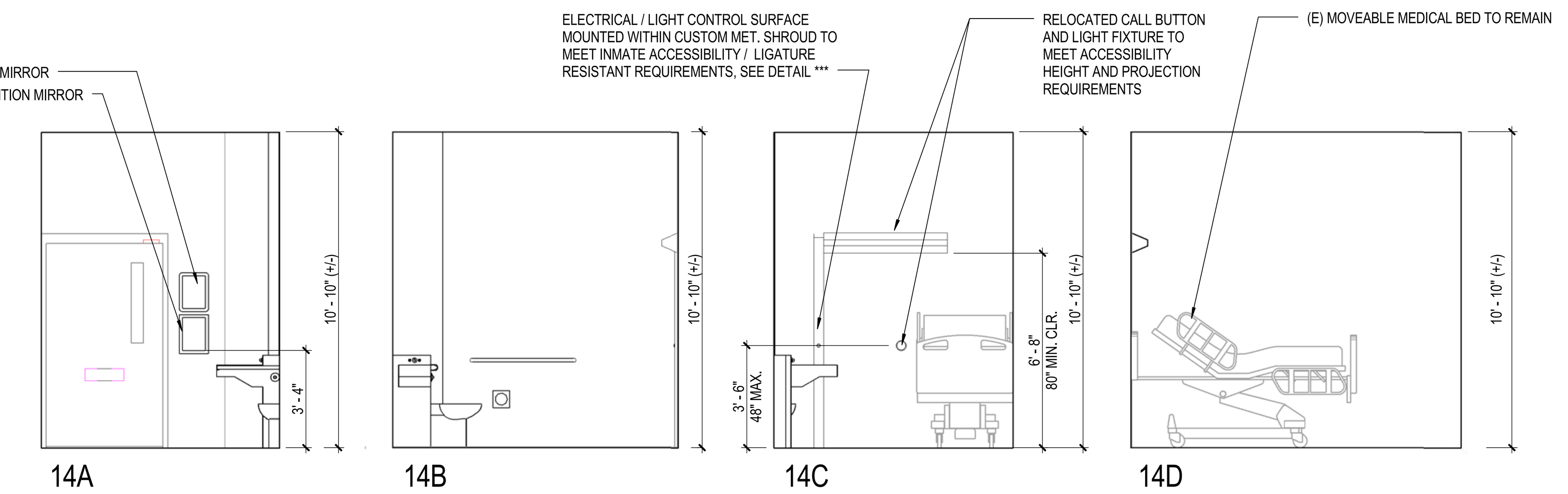
OPHU VISITATION #122 - INTERIOR ELEVATIONS

SEE DETAIL 34/G0.2 FOR TYPICAL MOUNTING HEIGHTS



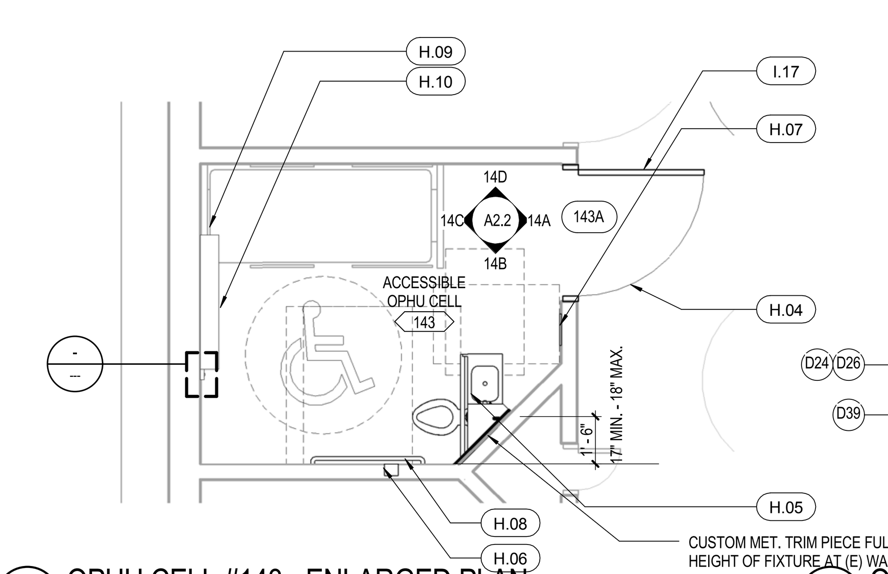
OPHU VISITATION-RCP

SCALE: 3/16" = 1'-0"



OPHU CELL #143 - INTERIOR ELEVATIONS

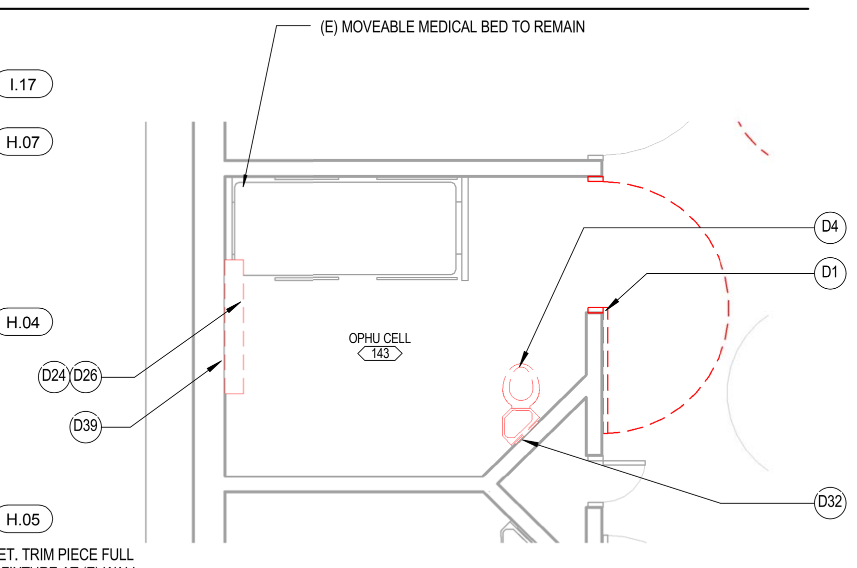
SEE DETAIL 34/G0.2 FOR TYPICAL MOUNTING HEIGHTS



24 A2.2 OPHU CELL #143 - ENLARGED PLAN

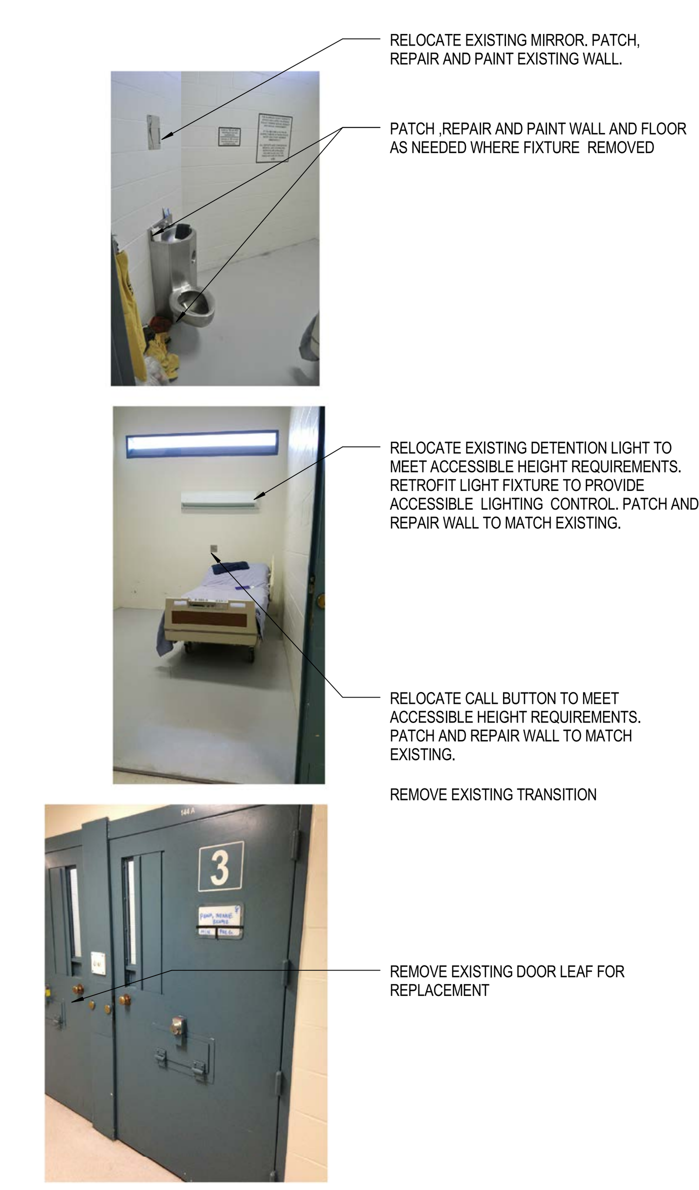
SCALE: 1/4" = 1'-0"

SEE DETAIL 34/G0.2 FOR TYPICAL MOUNTING HEIGHTS



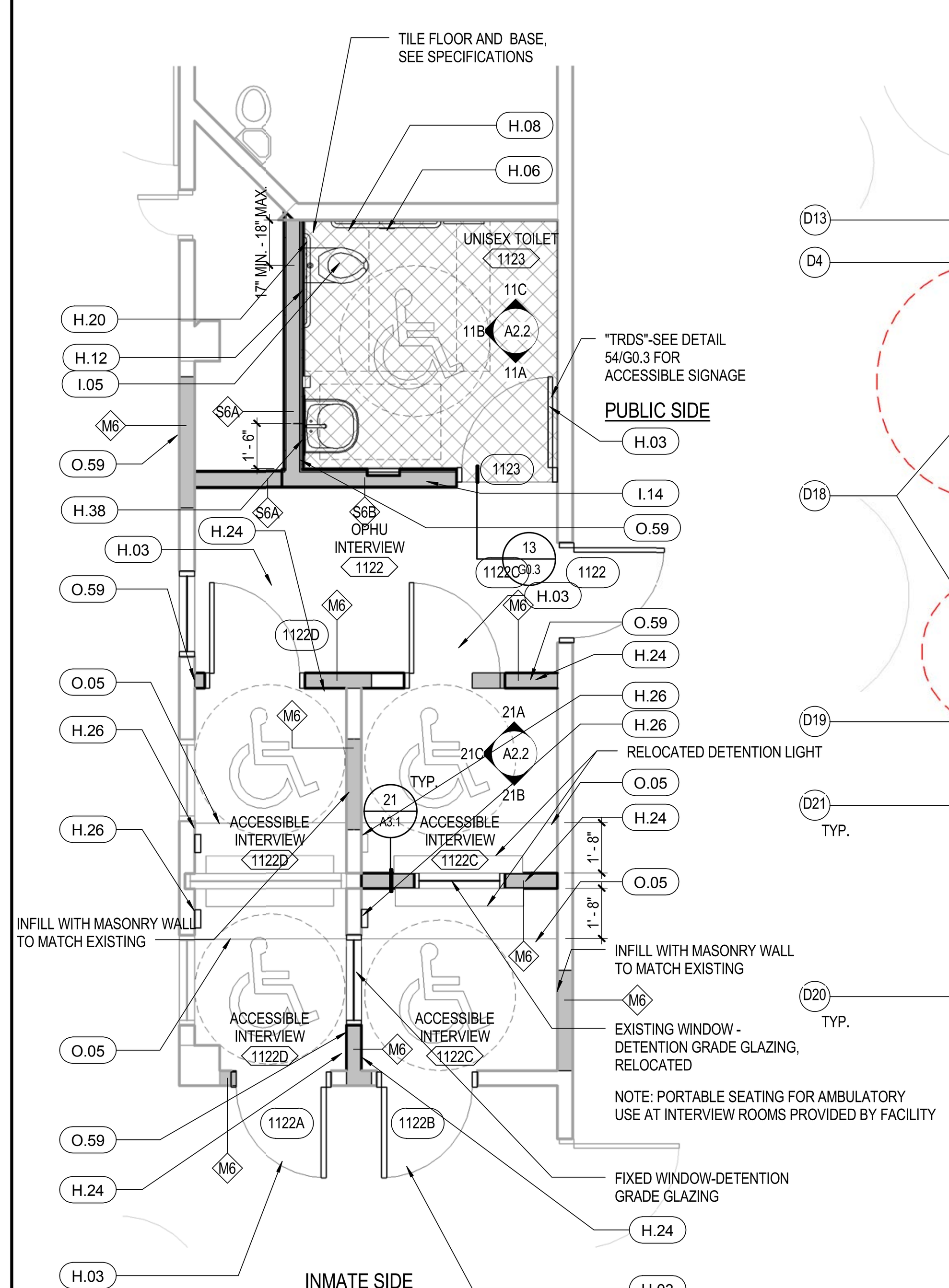
25 A2.2 OPHU CELL #143 - ENLARGED DEMO PLAN

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



26 A2.2 OPHU CELL #143 - REFERENCE PHOTOS

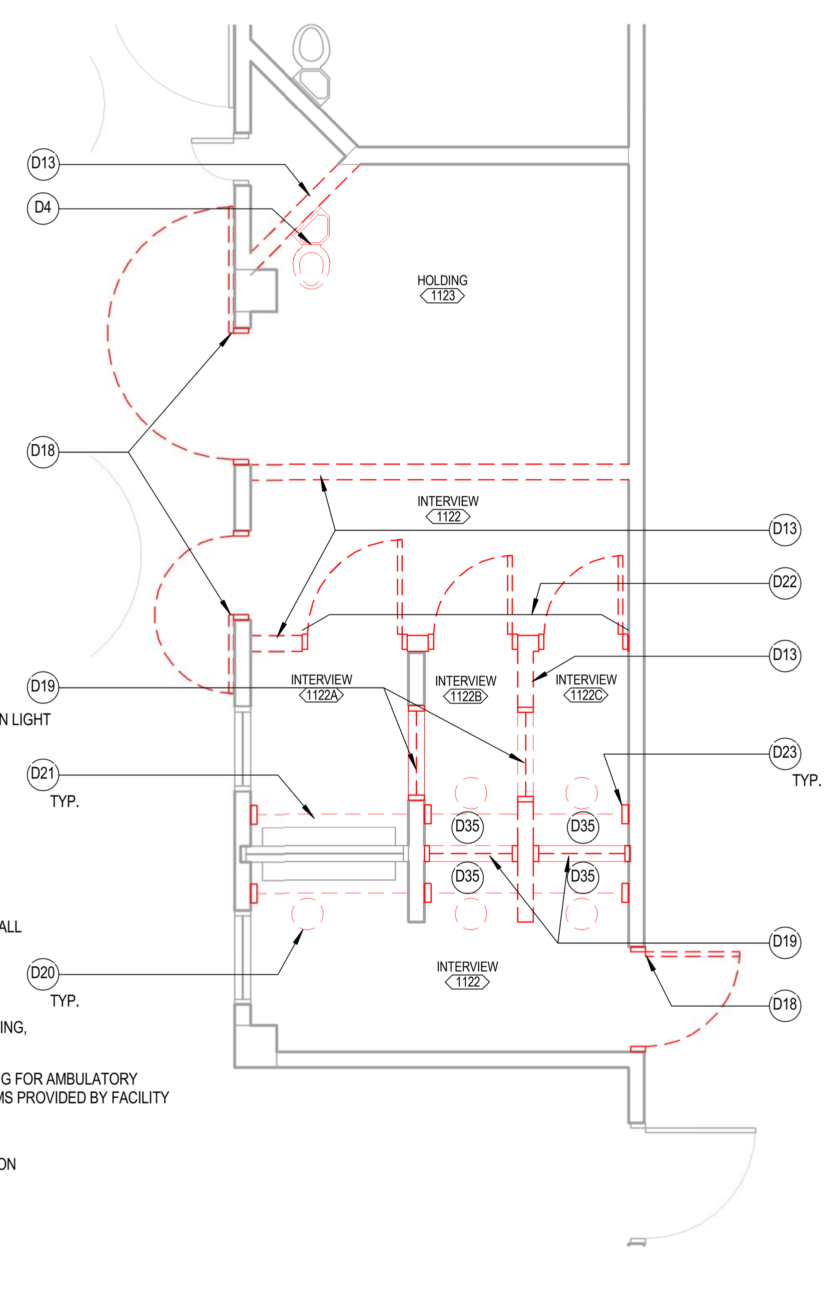
SCALE: 12" = 1'-0"



41 A2.2 OPHU VISITATION#122&123 - ENLARGED PLAN

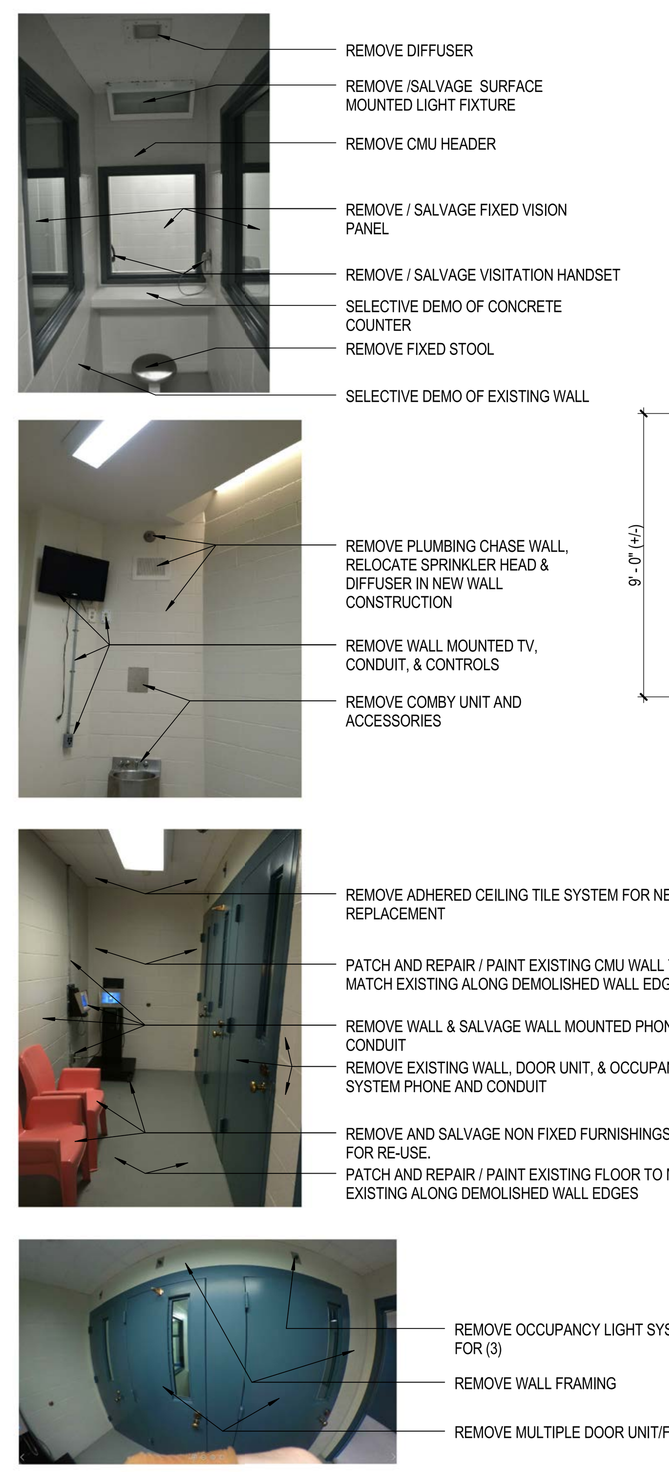
SCALE: 1/4" = 1'-0"

SEE DETAIL 34/G0.2 FOR TYPICAL MOUNTING HEIGHTS



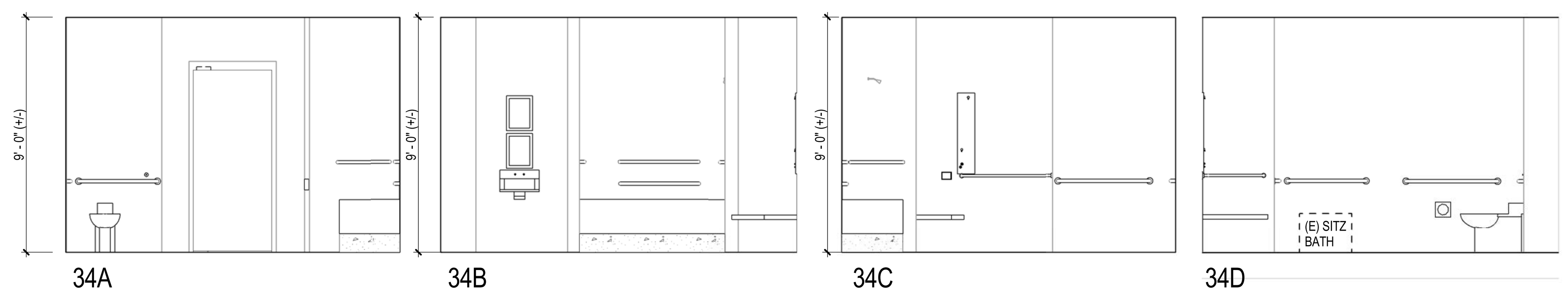
42 A2.2 OPHU VISITATION #122&123 - ENLARGED DEMO PLAN

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



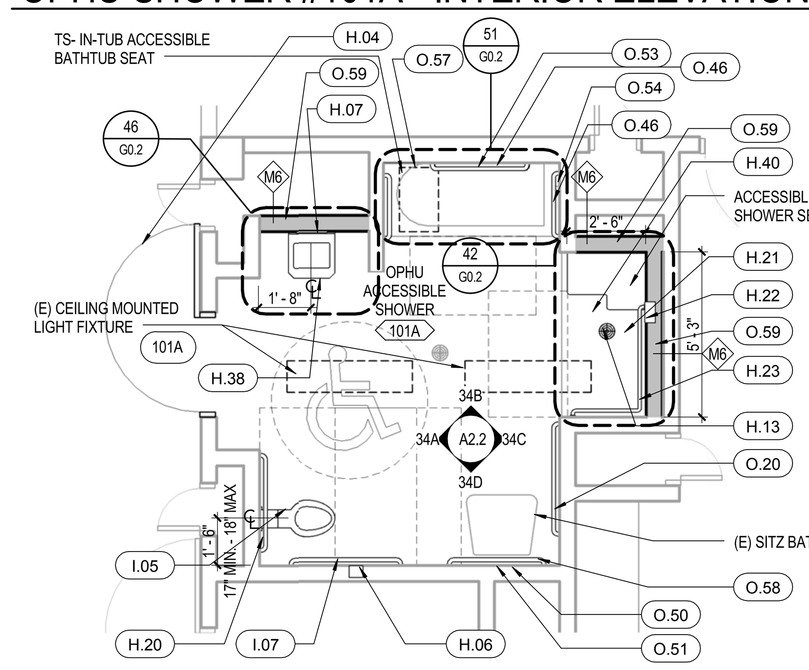
43 A2.2 OPHU VISITATION #122&123 - REFERENCE PHOTOS

SCALE: 12" = 1'-0"



OPHU SHOWER #101A - INTERIOR ELEVATIONS

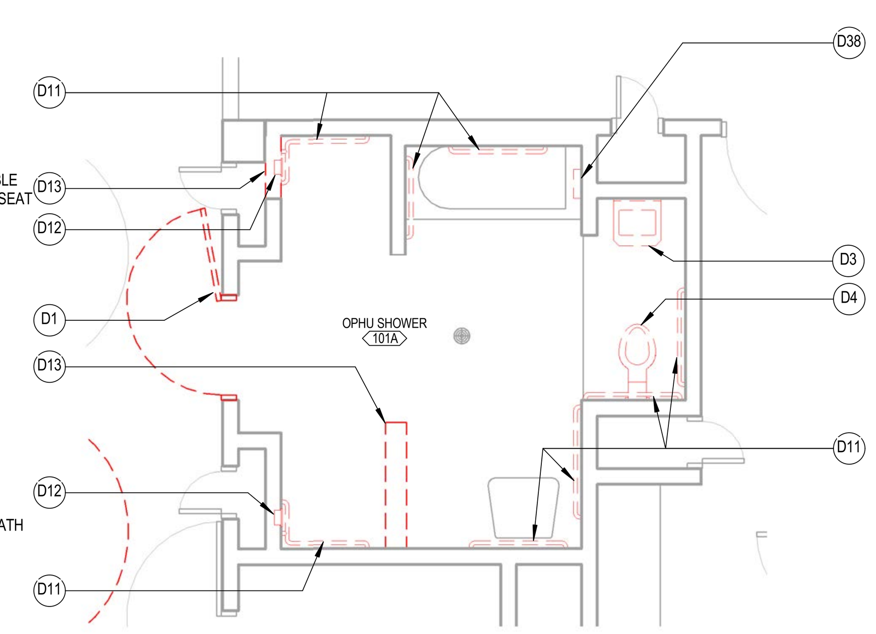
SEE DETAIL 34/G0.2 FOR TYPICAL MOUNTING HEIGHTS



44 A2.2 OPHU SHOWER #101A - ENLARGED PLAN

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

SEE DETAIL 34/G0.2 FOR TYPICAL MOUNTING HEIGHTS



45 A2.2 OPHU SHOWER #101A - ENLARGED DEMO PLAN

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

46 A2.2 OPHU SHOWER #101A - REFERENCE PHOTOS

SCALE: 12" = 1'-0"

BARRIER KEYNOTES

E.02	BLEACHER SEATING PROVIDE
H.03	DOOR FRAME/WALL
H.04	DOOR LEAF
H.05	WC/LAV COMBI
H.06	TOILET PAPER HOLDER
H.07	MIRROR
H.08	GB SIDE
H.09	ELECTRICAL CONTROL
H.10	LIGHT
H.11	PHONE TTY SIGNAGE
H.12	FV
H.13	FLOOR DRAIN
H.14	INSTA-HOT BEVERAGE STATION
H.16	TABLE/STOOL
H.19	GUARD RAILS
H.20	GB REAR
H.21	SHOWER
H.22	SHOWER CONTROLS
H.23	GB SHOWER
H.24	CALL BUTTON
H.26	VISITATION HEADSET
H.31	WF HEIGHT
H.32	WF REPLACE
H.33	WF HIGH PROVIDE
H.38	LAV
H.39	BED REPLACE
H.40	SHOWER FLOOR
H.41	WHEEL CHAIR STRORAGE AREA
I.01	BENCH
I.05	WC
I.07	GB SIDE RETROFIT/REPLACE
I.11	BENCH/CONCRETE SELECTIVE DEMO
I.12	FLOOR BUSH SLAB
I.13	DOOR TRANSITION
I.14	SIGNAGE
I.17	DOOR HARDWARE
O.05	COUNTERTOP
O.20	GB SITZ BATH SIDE
O.46	TUB CONTROLS
O.50	SITZ CONTROL
O.51	SITZ FAUCET PIPE
O.52	PRIVACY SCREEN
O.53	GB TUB HEAD WALL, HIGH
O.54	GB TUB CONTROL WALL
O.57	TUB
O.58	VARIOUS LIGATURE
O.59	WALLS

X.XX FOR BARRIER LIST AND SOLUTIONS, SEE SHEET G0.4 AND G0.5

LEGEND NOTES

LEGEND NOTES ARE COMMON TO ALL
SOME NOTES MAY NOT APPLY TO THIS SHEET

D1	REMOVE EXISTING DOOR LEAF AND HARDWARE. EXISTING DOOR FRAME TO REMAIN
D2	REMOVE EXISTING ACCESSIBLE GRAB BAR OR RETROFIT EXISTING TO MEET LIGATURE RESISTANT REQUIREMENTS
D3	REMOVE EXISTING LAVATORY
D4	REMOVE EXISTING WATER CLOSET / COMBY UNIT
D5	REMOVE EXISTING WALL MOUNTED FLUSH VALVE
D6	REMOVE EXISTING WALL MOUNTED PHONE
D7	REMOVE EXISTING CONCRETE BASE
D8	REMOVE EXISTING FLOOR DRAIN
D9	REMOVE PARTIAL HEIGHT WALL
D10	REMOVE EXISTING WATER FOUNTAIN
D11	REMOVE EXISTING GRAB BARS
D12	REMOVE EXISTING SHOWER CONTROL PANEL
D13	REMOVE EXISTING FULL HEIGHT WALL AS INDICATED ON PLAN
D14	REMOVE AND SALVAGE EXISTING FLOOR DRAIN
D15	REMOVE EXISTING CONCRETE SHOWER BENCH
D16	REMOVE EXISTING THRESHOLD / CONCRETE CURB
D17	REMOVE EXISTING TOP SOIL
D18	REMOVE EXISTING DOOR AND FRAME
D19	REMOVE EXISTING WINDOW UNIT
D20	REMOVE EXISTING FIXED STOOL
D21	REMOVE EXISTING CONCRETE COUNTER
D22	REMOVE EXISTING MULTIPLE DOOR FRAME/UNIT
D23	REMOVE EXISTING VISITATION HANDSET
D24	REMOVE EXISTING LIGHT FIXTURE
D25	REMOVE EXISTING UPPER BUNK BED
D26	REMOVE / RETROFIT (E) WALL MOUNTED LIGHT CONTROL
D27	REMOVE EXISTING HOT WATER SPICKET
D28	REMOVE EXISTING STANDARD BUNK BED
D29	REMOVE (E) CUSTOM BUNK BED (WITH STORAGE DRAWER)
D30	REMOVE / RETROFIT EXISTING STEEL MESH PANEL AND FRAME
D31	REMOVE EXISTING URINAL
D32	REMOVE, SALVAGE AND RELOCATE EXISTING MIRROR-VERIFY FIELD CONDITION OF MIRROR
D33	REMOVE, SALVAGE AND RELOCATE EXISTING CABINETRY (UPPER AND/OR LOWER)
D34	REMOVE, SALVAGE AND RELOCATE EXISTING SHOWER DOOR AND IT'S ENTIRETY
D35	REMOVE, SALVAGE AND RELOCATE EXISTING LIGHT FIXTURE
D36	REMOVE (E) SAFETY CELL PADDING AT WALL, FLOOR AND CEILING
D37	REMOVE EXISTING CEILING AND ITS ENTIRETY
D38	REMOVE FIXTURE CONTROLS
D39	REMOVE AND SALVAGE FIXED MIDDLE SEAT FROM EXISTING DETENTION TABLE
D40	RELOCATE AND AJUST HEIGHT OF INTERCOM / CALL BUTTON
D41	REMOVE, SALVAGE AND RELOCATE (E) DOOR AND FRAME

CONSTRUCTION DOCUMENTS

5325 BRODER BLVD.
DUBLIN, CA 94568

DEMO & ENLARGED PLANS / INTERIOR ELEVATIONS
ALAMEDA CO. - SANTA RITA JAIL

A2.2
75-17108-00
09-22-2017
Revisions

LICENSED ARCHITECT ANDREW M. CUPPLES C-25293 06/30/2019 STATE OF CALIFORNIA

DLR Group
Architecture Engineering Planning Interiors

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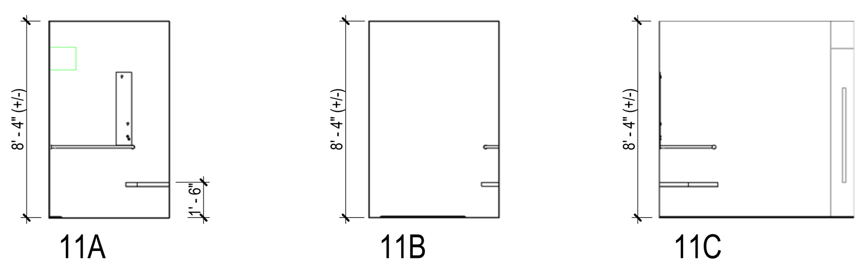
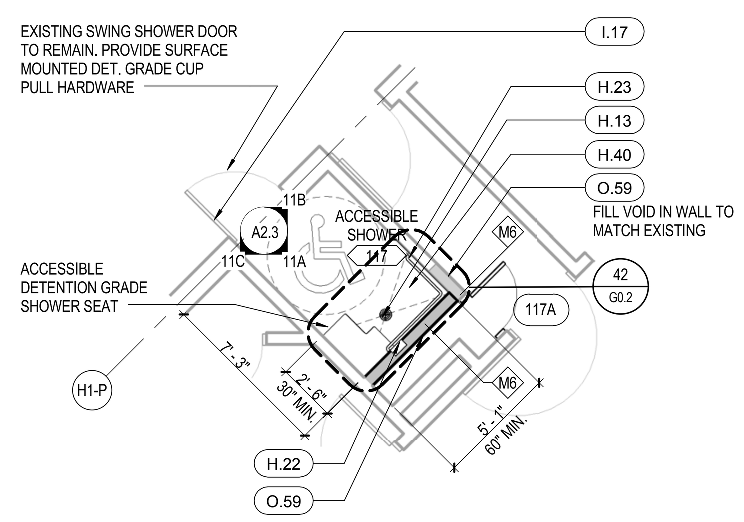
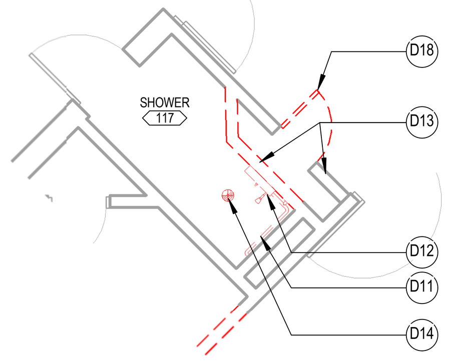
HOUSING SHOWER #117 - INTERIOR ELEVATIONS

SEE DETAIL 34/G0.2 FOR TYPICAL MOUNTING HEIGHTS





21 A2.3 HOUSING SHOWER #117 - ENLARGED PLAN
SCALE: 3/16" = 1'-0"
SEE DETAIL 34/G0.2 FOR TYPICAL MOUNTING HEIGHTS

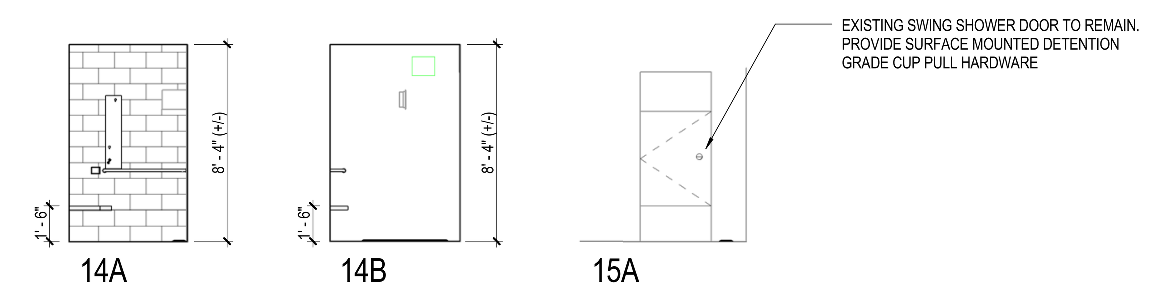


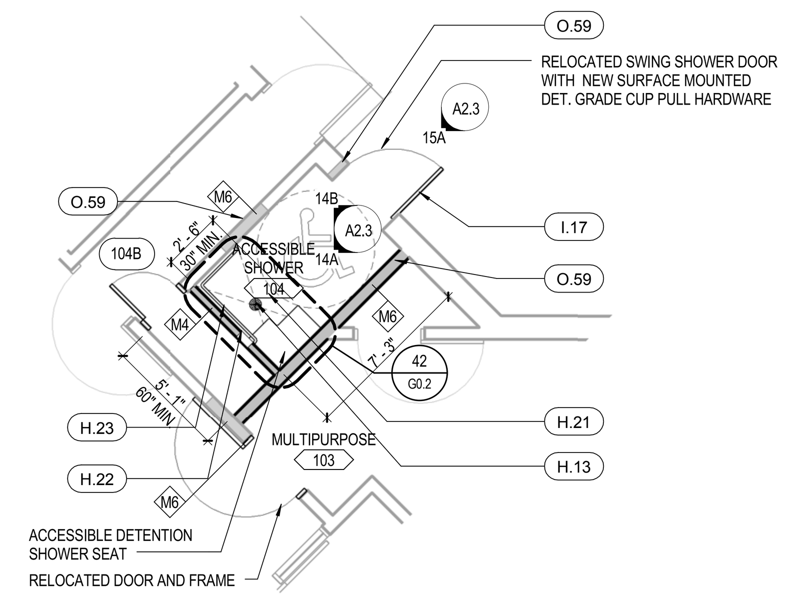
22 A2.3 HOUSING SHOWER #117 - ENLARGED DEMO PLAN
SCALE: 3/16" = 1'-0"

23 A2.3 HOUSING SHOWER #117- REFERENCE PHOTOS
SCALE: 12" = 1'-0"

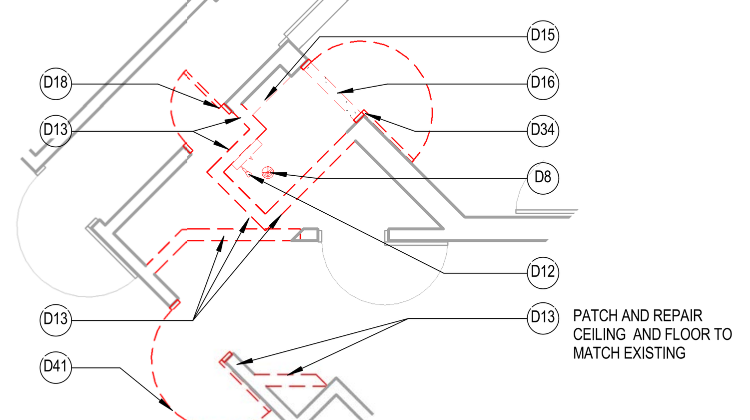
HOUSING SHOWER #104 -INTERIOR ELEVATIONS

SEE DETAIL 34/G0.2 FOR TYPICAL MOUNTING HEIGHTS

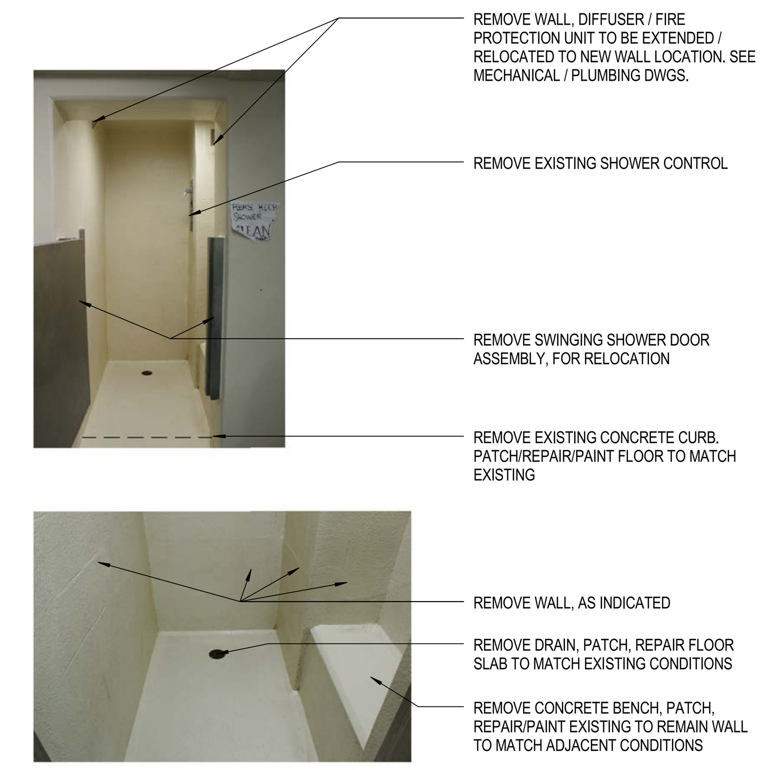




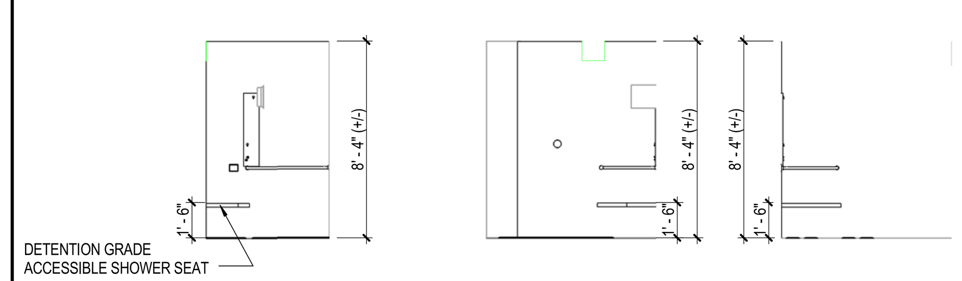
24 A2.3 HOUSING SHOWER#104 - ENLARGED PLAN
SCALE: 3/16" = 1'-0"
SEE DETAIL 34/G0.2 FOR TYPICAL MOUNTING HEIGHTS

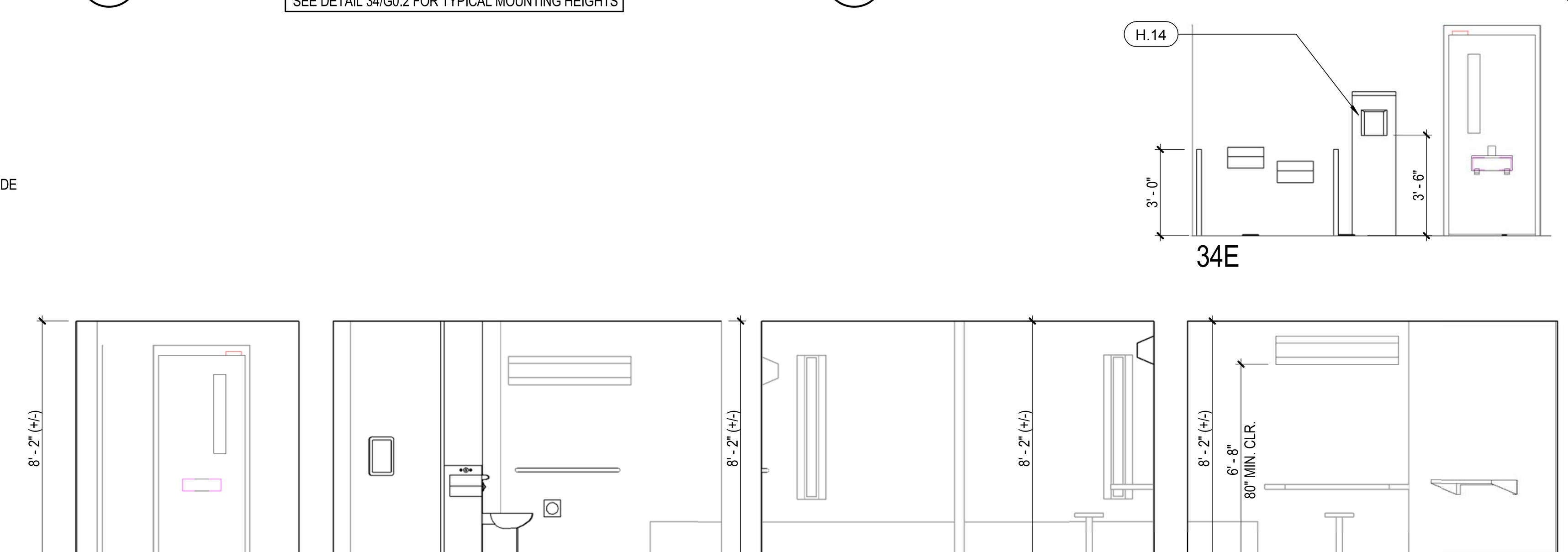


25 A2.3 HOUSING SHOWER #104 - ENLARGED DEMO PLAN
SCALE: 3/16" = 1'-0"



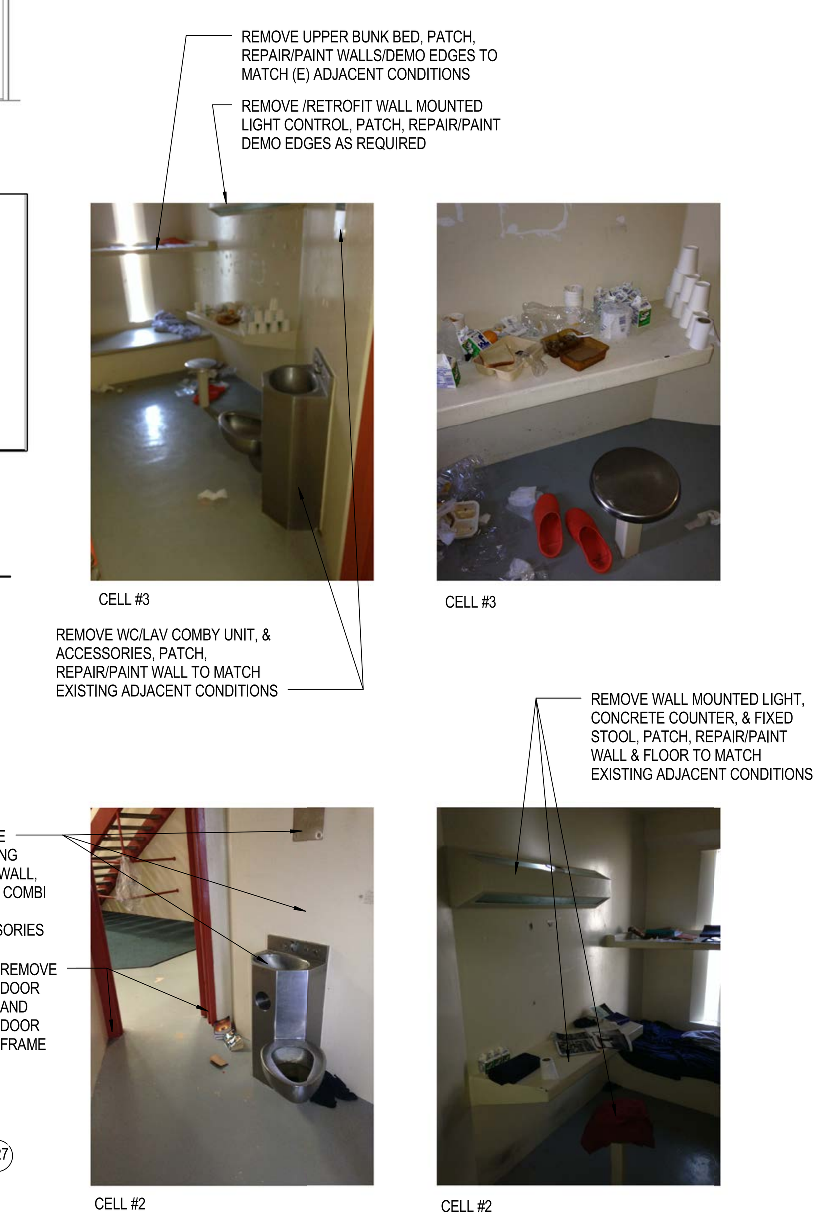
26 A2.3 HOUSING SHOWER #104 - REFERENCE PHOTOS
SCALE: 12" = 1'-0"



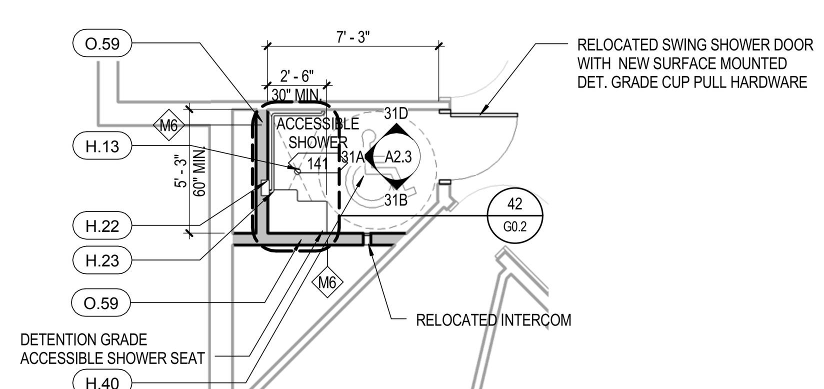


HOUSING DOUBLE CELL - INTERIOR ELEVATIONS

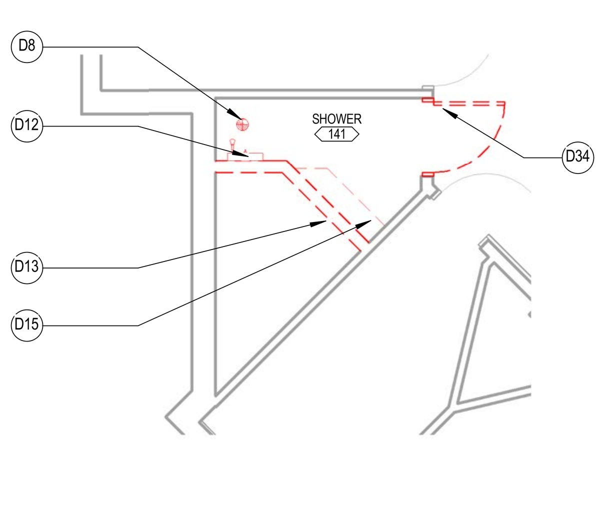
SEE DETAIL 34/G0.2 FOR TYPICAL MOUNTING HEIGHTS



HOUSING SHOWER #141 - INTERIOR ELEVATIONS

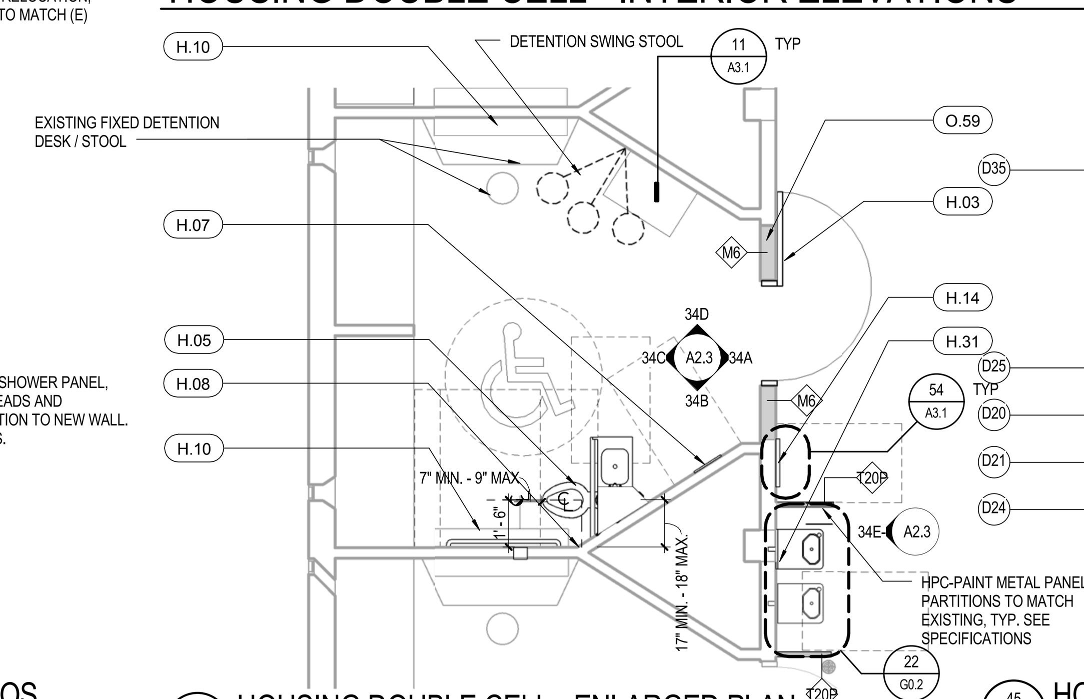


41 A2.3 HOUSING SHOWER #141 - ENLARGED PLAN
SCALE: 3/16" = 1'-0"
SEE DETAIL 34/G0.2 FOR TYPICAL MOUNTING HEIGHTS

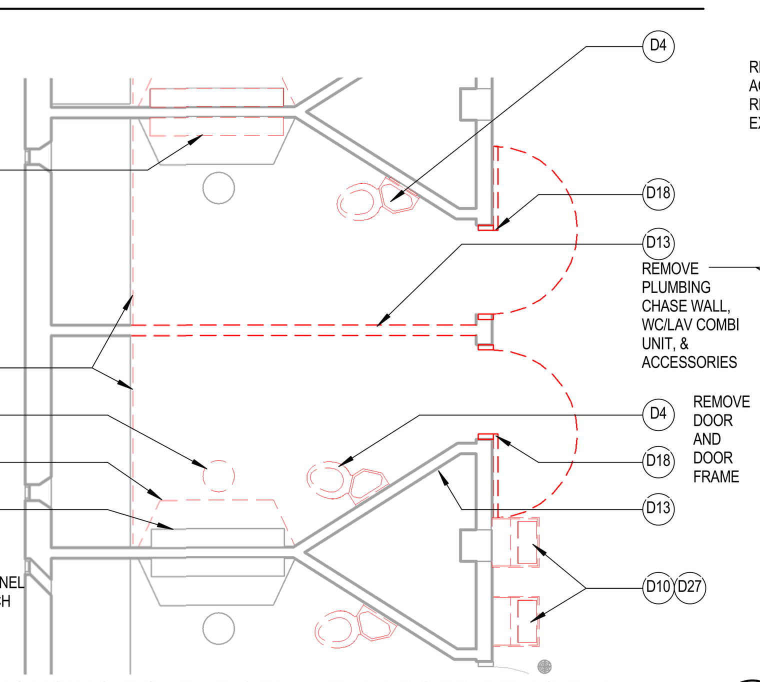


42 A2.3 HOUSING SHOWER #141 - ENLARGED DEMO PLAN
SCALE: 3/16" = 1'-0"

43 A2.3 HOUSING SHOWER #141-REFERENCE PHOTOS
SCALE: 12" = 1'-0"



44 A2.3 HOUSING DOUBLE CELL - ENLARGED PLAN
SCALE: 1/4" = 1'-0"
SEE DETAIL 34/G0.2 FOR TYPICAL MOUNTING HEIGHTS



45 A2.3 HOUSING DOUBLE CELL - ENLARGED DEMO PLAN
SCALE: 1/4" = 1'-0"

46 A2.3 HOUSING DOUBLE CELL - REFERENCE PHOTOS
SCALE: 12" = 1'-0"

BARRIER KEYNOTES

E.02	BLEACHER SEATING PROVIDE
H.03	DOOR FRAME/WALL
H.04	DOOR LEAF
H.05	WC/LAV COMBI
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H.07	MIRROR
H.08	GB SIDE
H.09	ELECTRICAL CONTROL
H.10	LIGHT
H.11	PHONE TTY SIGNAGE
H.12	FV
H.13	FLOOR DRAIN
H.14	INSTA-HOT BEVERAGE STATION
H.16	TABLE/STOOL
H.19	GUARD RAILS
H.20	GB REAR
H.21	SHOWER
H.22	SHOWER CONTROLS
H.23	GB SHOWER
H.24	CALL BUTTON
H.26	VISITATION HEADSET
H.31	WF HEIGHT
H.32	WF REPLACE
H.33	WF HIGH PROVIDE
H.38	LAV
H.39	BED REPLACE
H.40	SHOWER FLOOR
H.41	WHEEL CHAIR STRORAGE AREA
I.01	BENCH
I.05	WC
I.07	GB SIDE RETROFIT/REPLACE
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I.12	FLOOR BUSH SLAB
I.13	DOOR TRANSITION
I.14	SIGNAGE
I.17	DOOR HARDWARE
O.05	COUNTERTOP
O.20	GB SITZ BATH SIDE
O.46	TUB CONTROLS
O.50	SITZ CONTROL
O.51	SITZ FAUCET PIPE
O.52	PRIVACY SCREEN
O.53	GB TUB HEAD WALL, HIGH
O.54	GB TUB CONTROL WALL
O.57	TUB
O.58	VARIOUS LIGATURE
O.59	WALLS

X.XX FOR BARRIER LIST AND SOLUTIONS, SEE SHEET G0.4 AND G0.5

LEGEND NOTES

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D16	REMOVE EXISTING THRESHOLD / CONCRETE CURB
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D24	REMOVE EXISTING LIGHT FIXTURE
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D28	REMOVE EXISTING STANDARD BUNK BED
D29	REMOVE (E) CUSTOM BUNK BED (WITH STORAGE DRAWER)
D30	REMOVE / RETROFIT EXISTING STEEL MESH PANEL AND FRAME
D31	REMOVE EXISTING URINAL
D32	REMOVE, SALVAGE AND RELOCATE EXISTING MIRROR-VERIFY FIELD CONDITION OF MIRROR
D33	REMOVE, SALVAGE AND RELOCATE EXISTING CABINETRY (UPPER AND/OR LOWER)
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D36	REMOVE (E) SAFETY CELL PADDING AT WALL, FLOOR AND CEILING
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D38	REMOVE FIXTURE CONTROLS
D39	REMOVE AND SALVAGE FIXED MIDDLE SEAT FROM EXISTING DETENTION TABLE
D40	RELOCATE AND AJUST HEIGHT OF INTERCOM / CALL BUTTON
D41	REMOVE, SALVAGE AND RELOCATE (E) DOOR AND FRAME

CONSTRUCTION DOCUMENTS

5325 BRODER BLVD.
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DEMO & ENLARGED PLANS / INTERIOR ELEVATIONS
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Revisions

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DLR Group
Architecture Engineering Planning Interiors

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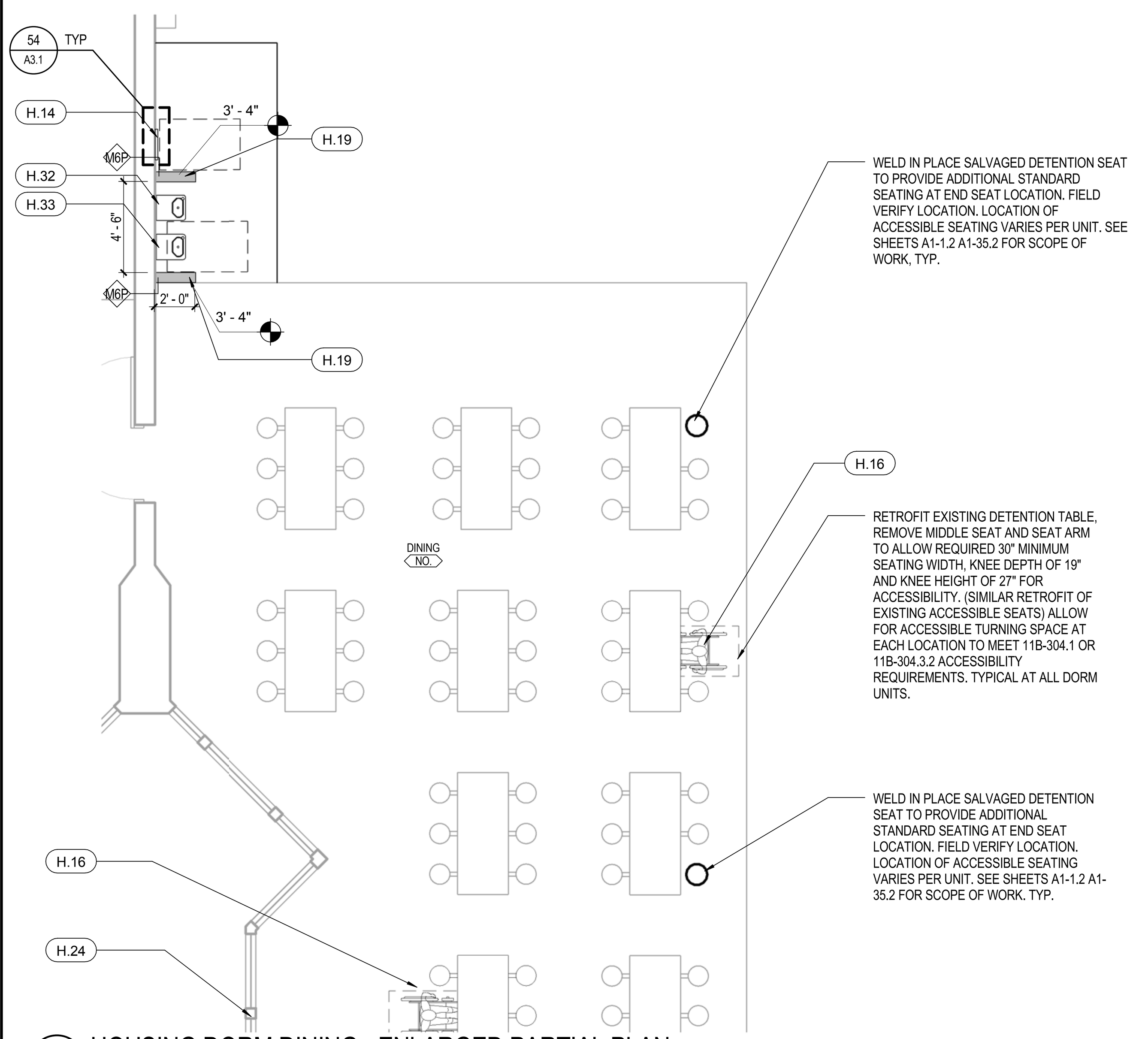
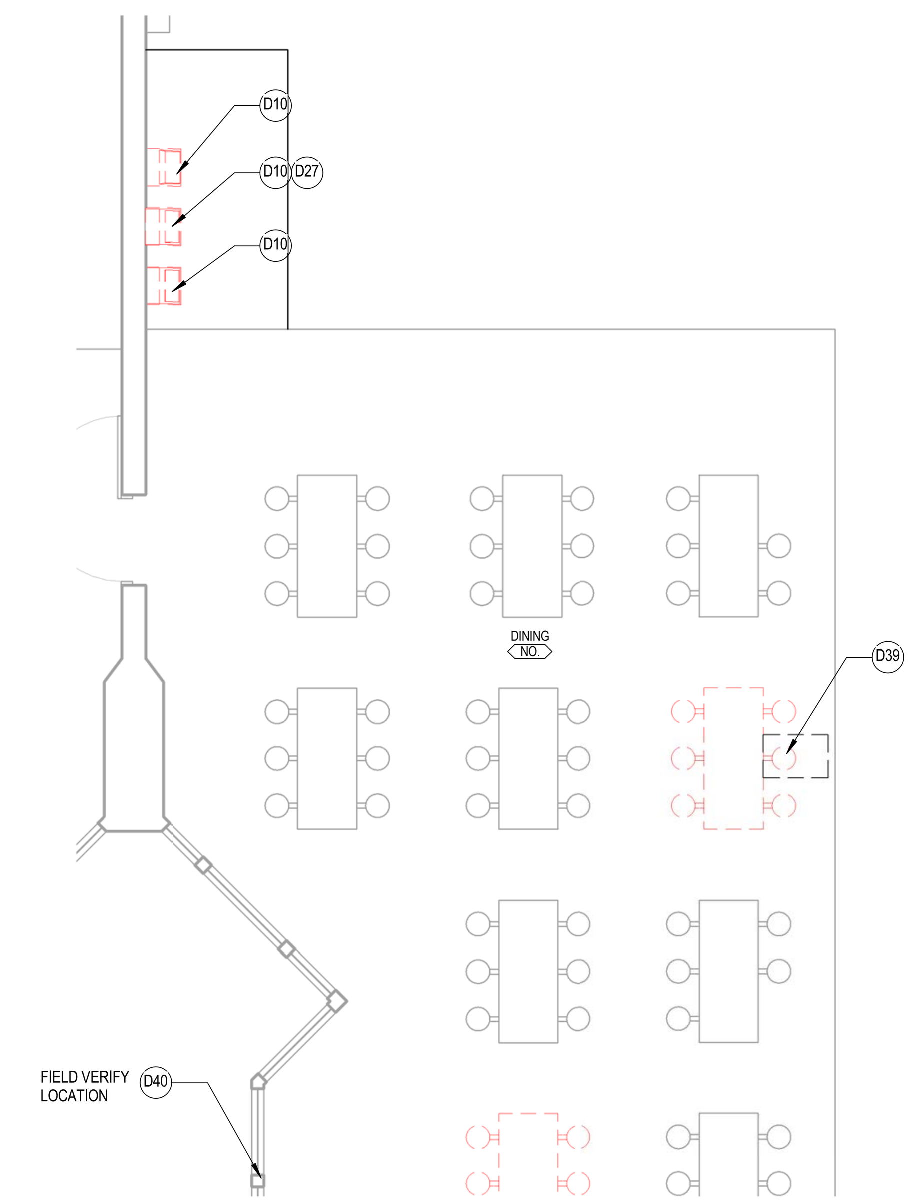
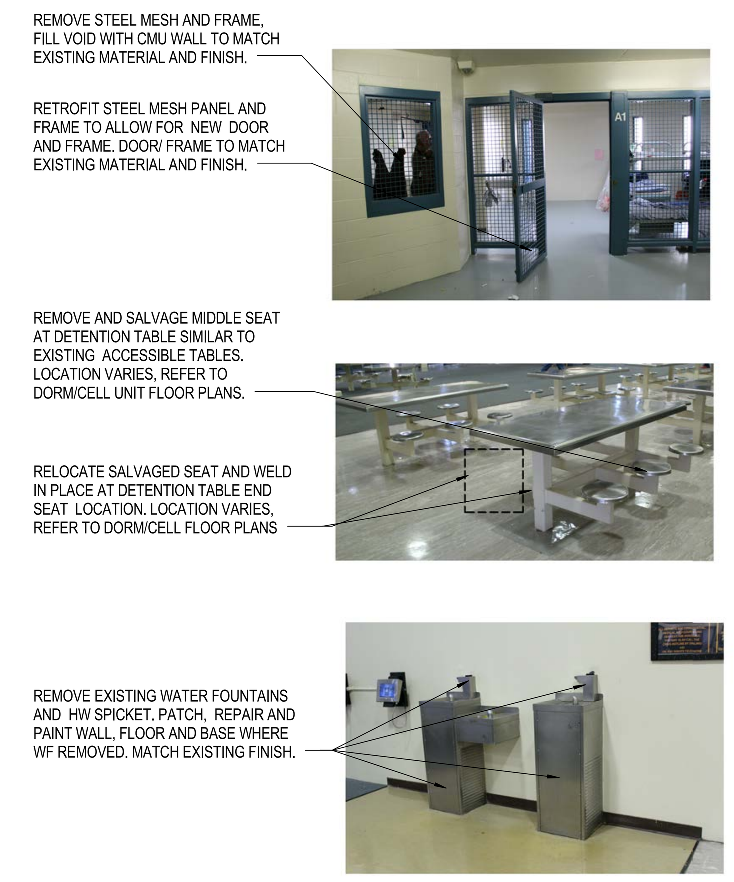


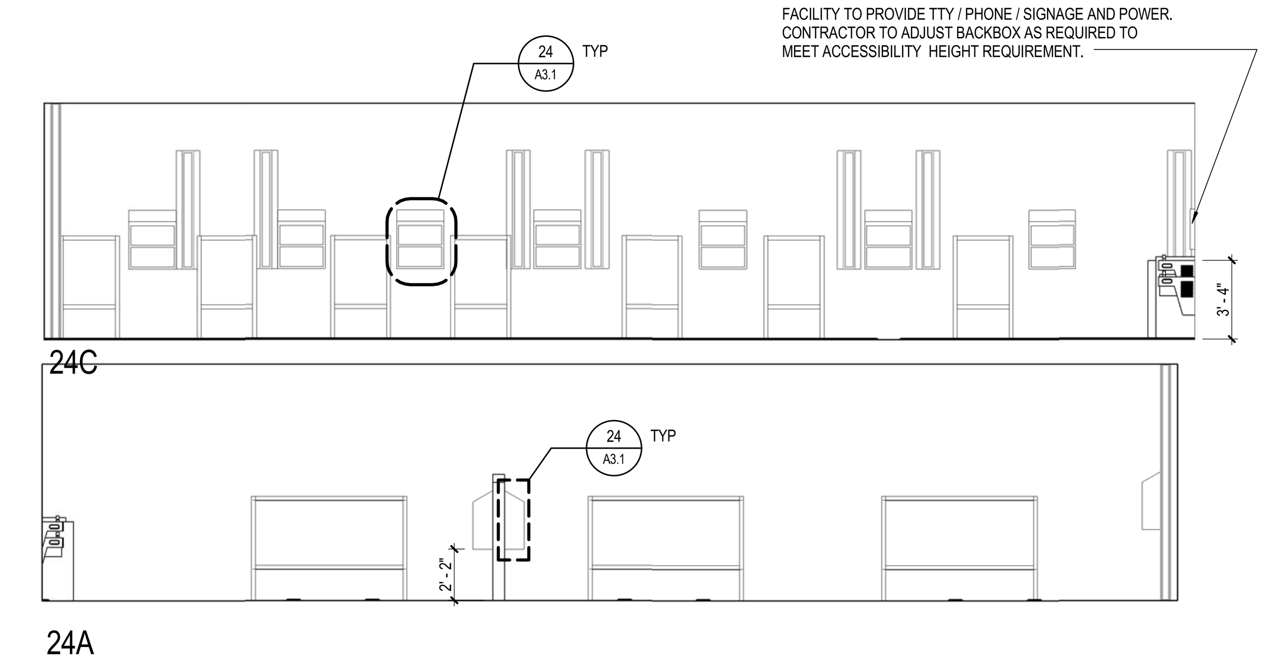
22 A2.4 HOUSING DORM DINING - ENLARGED PARTIAL PLAN
SCALE: 3/16" = 1'-0"



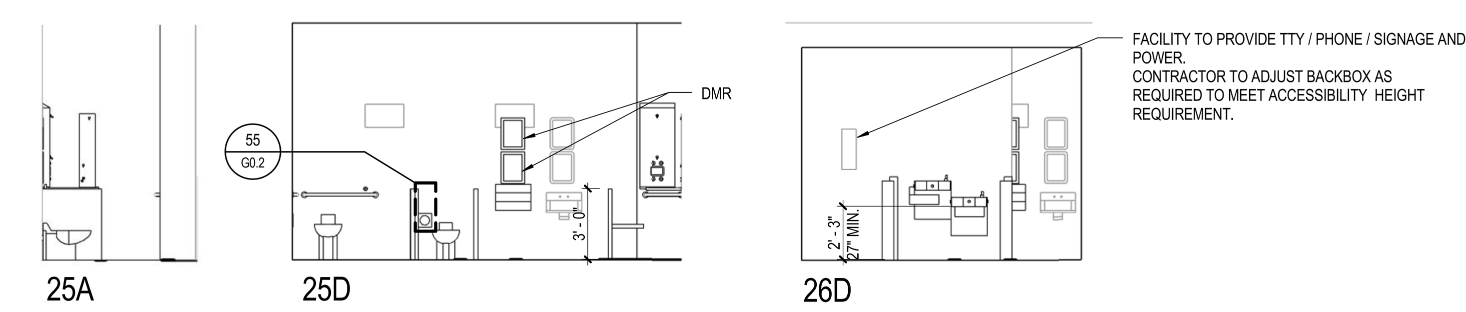
23 A2.4 HOUSING DORM DINING-DEMO PARTIAL PLAN
SCALE: 3/16" = 1'-0"



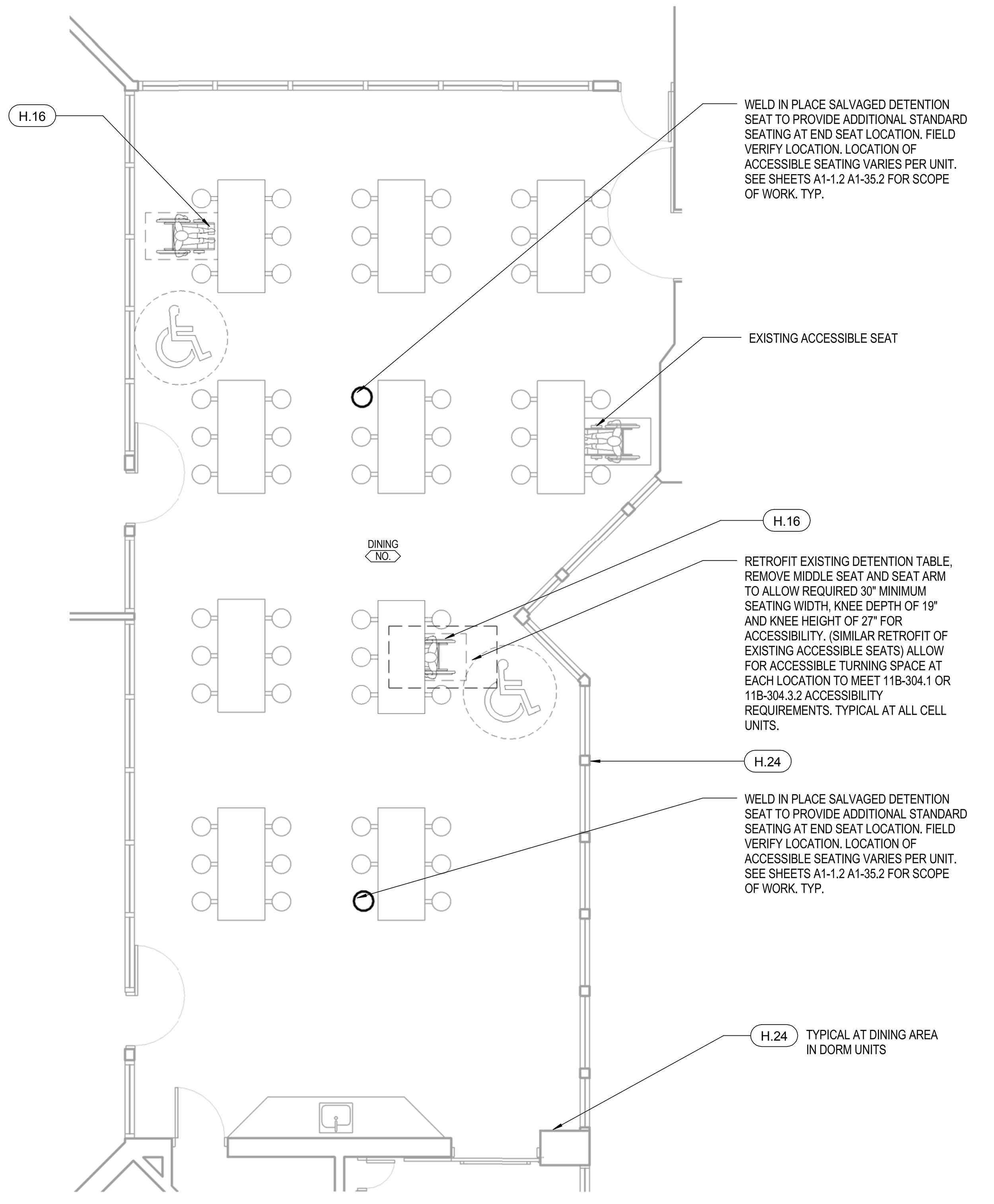
24 A2.4 HOUSING CELL/DORM DINING - REFERENCE PHOTOS
SCALE: 12" = 1'-0"



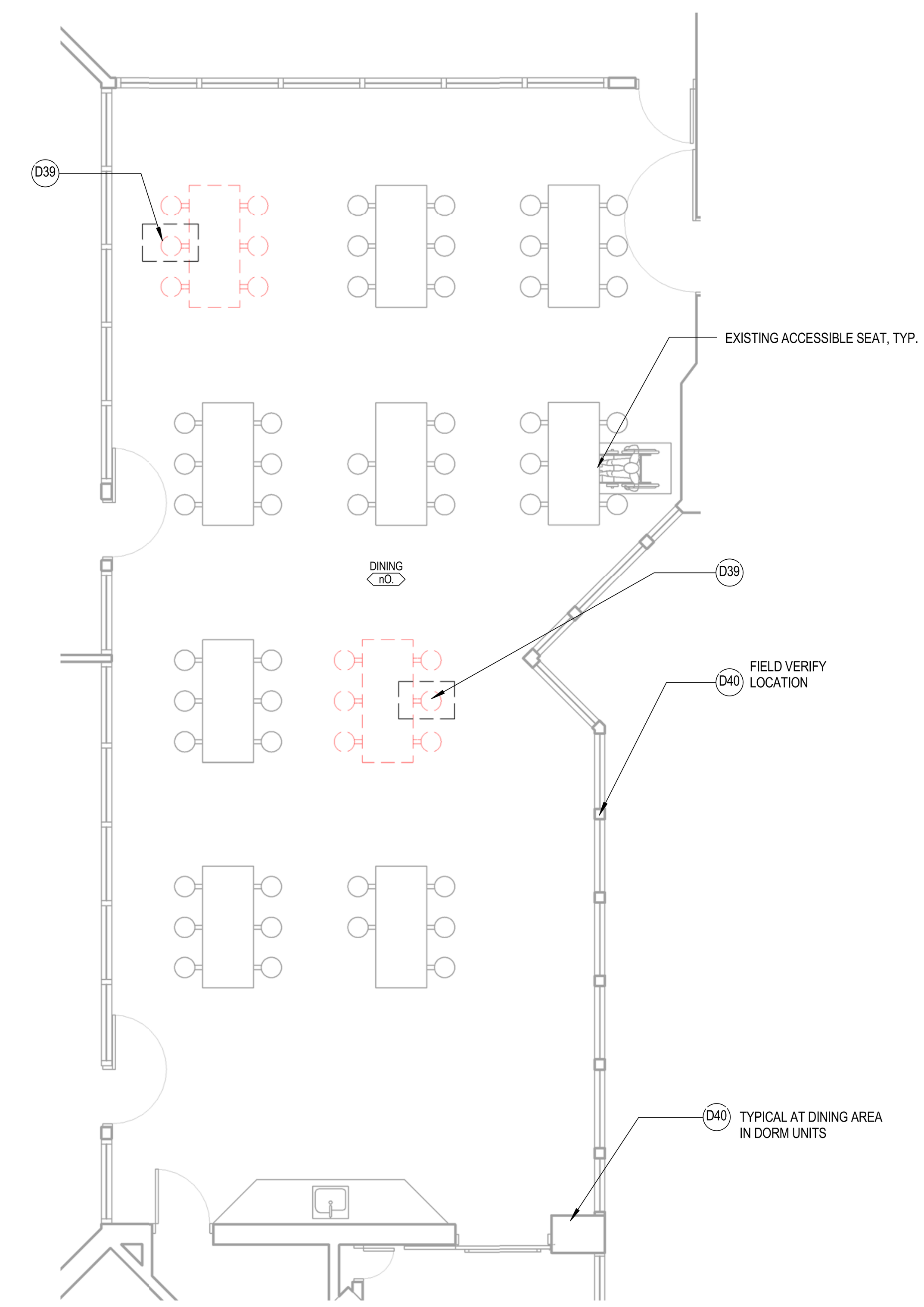
HOUSING DORM - INTERIOR ELEVATIONS
SEE DETAIL 34/G0.2 FOR TYPICAL MOUNTING HEIGHTS



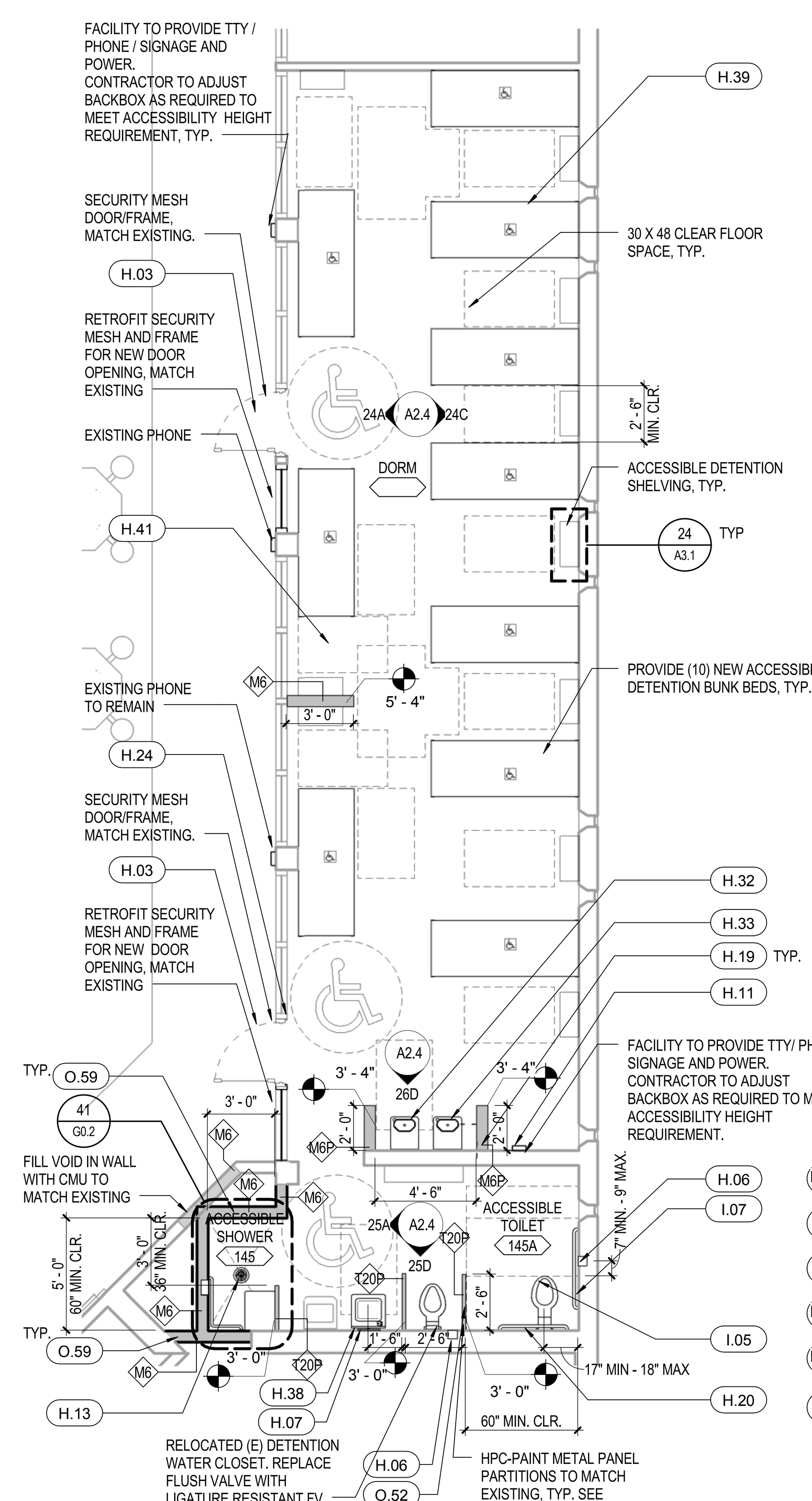
HOUSING SHOWER #145 AND TOILET ROOM 145A - DORM AREA
SEE DETAIL 34/G0.2 FOR TYPICAL MOUNTING HEIGHTS



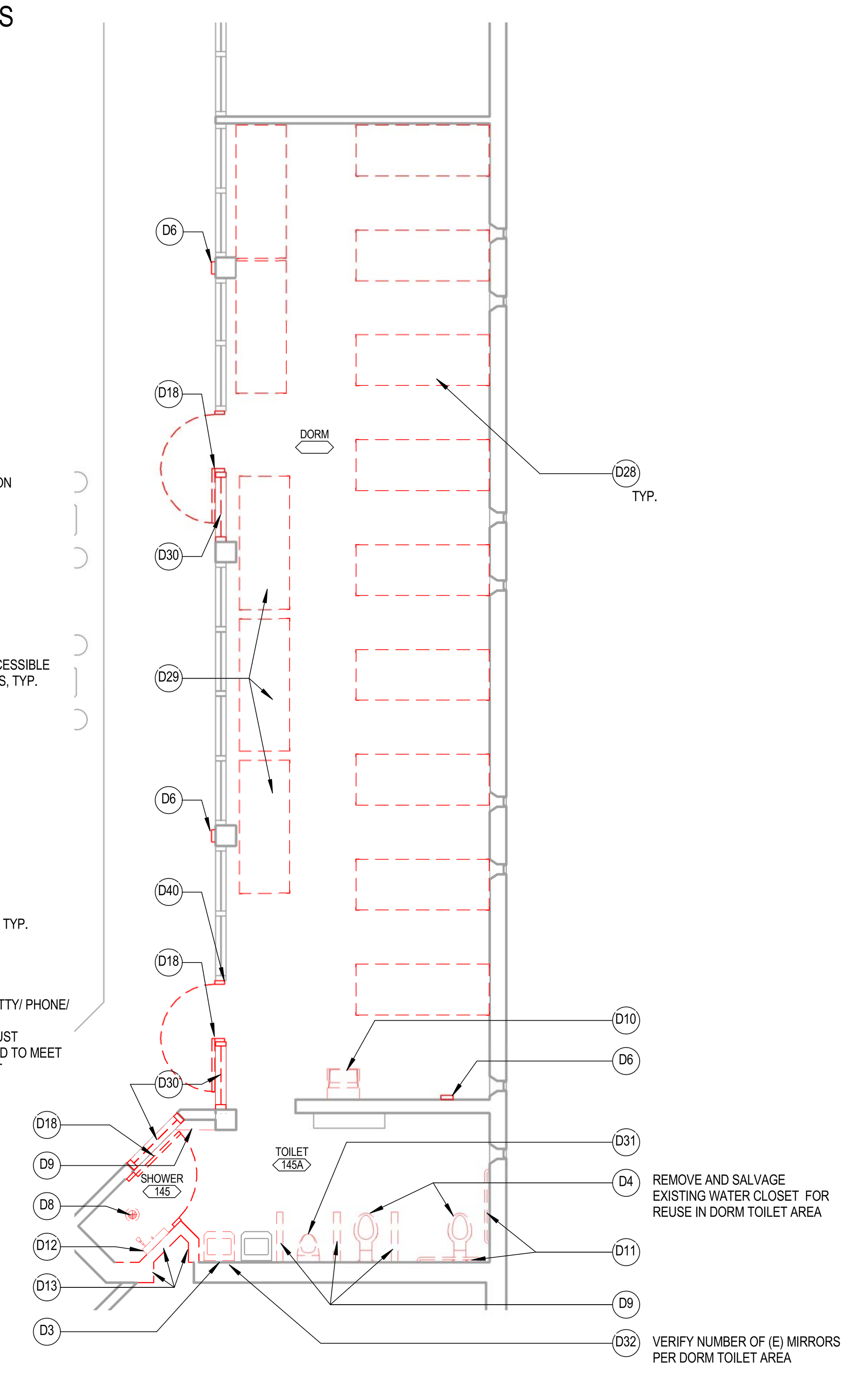
42 A2.4 HOUSING CELL UNITS -DINING ENLARGED PLAN
SCALE: 3/16" = 1'-0"



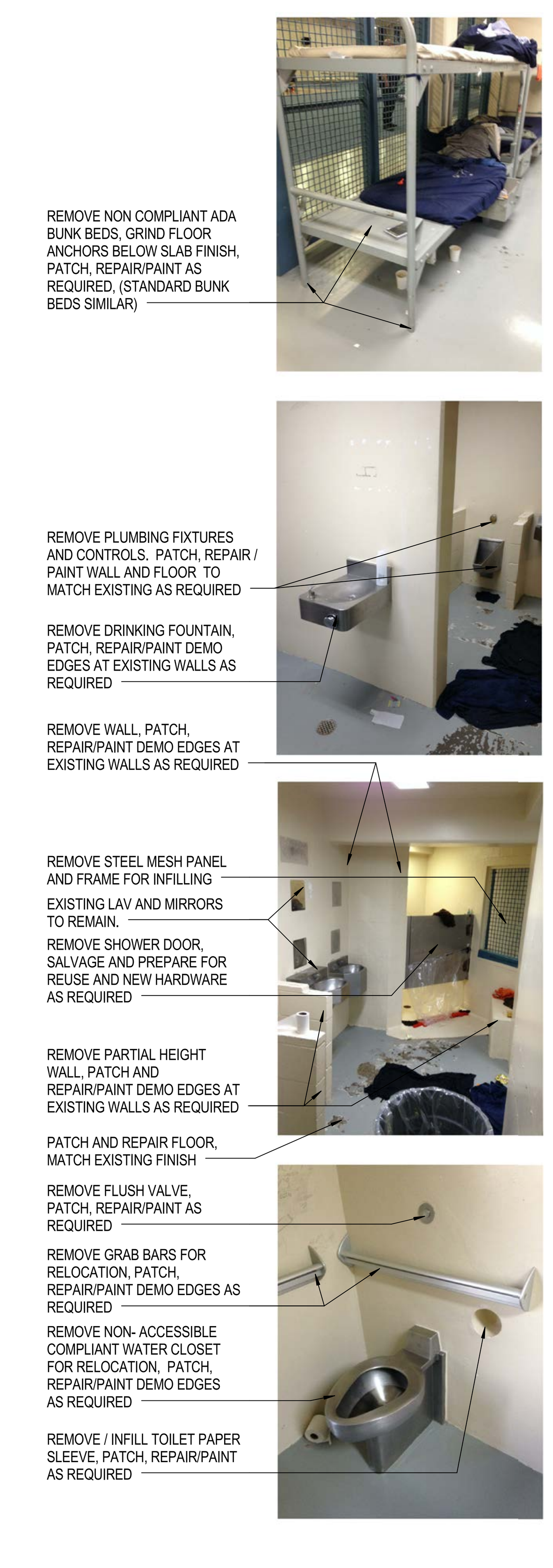
43 A2.4 HOUSING CELL UNITS - DINING - DEMO PLAN
SCALE: 3/16" = 1'-0"



44 A2.4 HOUSING DORM - ENLARGED PLAN
SCALE: 3/16" = 1'-0"
SEE DETAIL 34/G0.2 FOR TYPICAL MOUNTING HEIGHTS



45.0 A2.4 HOUSING DORM - ENLARGED DEMO PLAN
SCALE: 3/16" = 1'-0"



46 A2.4 HOUSING DORM - REFERENCE PHOTOS
SCALE: 12" = 1'-0"

BARRIER KEYNOTES

E.02	BLEACHER SEATING PROVIDE	H.38	LAV
H.03	DOOR FRAME/WALL	H.39	BED REPLACE
H.04	DOOR LEAF	H.40	SHOWER FLOOR
H.05	WC/LAV COMBI	H.41	WHEEL CHAIR STRORAGE AREA
H.06	TOILET PAPER HOLDER	I.01	BENCH
H.07	MIRROR	I.05	WC
H.08	GB SIDE	I.07	GB SIDE RETROFIT/REPLACE
H.09	ELECTRICAL CONTROL	I.11	BENCH/CONCRETE SELECTIVE DEMO
H.10	LIGHT	I.12	FLOOR BUSH SLAB
H.11	PHONE TTY SIGNAGE	I.13	DOOR TRANSITION
H.12	FV	I.14	SIGNAGE
H.13	FLOOR DRAIN	I.17	DOOR HARDWARE
H.14	INSTA-HOT BEVERAGE STATION	O.05	COUNTERTOP
H.16	TABLE/STOOL	O.20	GB SITZ BATH SIDE
H.19	GUARD RAILS	O.46	TUB CONTROLS
H.20	GB REAR	O.50	SITZ CONTROL
H.21	SHOWER	O.51	SITZ FAUCET PIPE
H.22	SHOWER CONTROLS	O.52	PRIVACY SCREEN
H.23	GB SHOWER	O.53	GB TUB HEAD WALL, HIGH
H.24	CALL BUTTON	O.54	GB TUB CONTROL WALL
H.26	VISITATION HEADSET	O.57	TUB
H.31	WF HEIGHT	O.58	VARIOUS LIGATURE
H.32	WF REPLACE	O.59	WALLS
H.33	WF HIGH PROVIDE		

X.XX FOR BARRIER LIST AND SOLUTIONS, SEE SHEET G0.4 AND G0.5

LEGEND NOTES

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- D2 REMOVE EXISTING ACCESSIBLE GRAB BAR OR RETROFIT EXISTING TO MEET LIGATURE RESISTANT REQUIREMENTS
- D3 REMOVE EXISTING LAVATORY
- D4 REMOVE EXISTING WATER CLOSET / COMBY UNIT
- D5 REMOVE EXISTING WALL MOUNTED FLUSH VALVE
- D6 REMOVE EXISTING WALL MOUNTED PHONE
- D7 REMOVE EXISTING CONCRETE BASE
- D8 REMOVE EXISTING FLOOR DRAIN
- D9 REMOVE PARTIAL HEIGHT WALL
- D10 REMOVE EXISTING WATER FOUNTAIN
- D11 REMOVE EXISTING GRAB BARS
- D12 REMOVE EXISTING SHOWER CONTROL PANEL
- D13 REMOVE EXISTING FULL HEIGHT WALL AS INDICATED ON PLAN
- D14 REMOVE AND SALVAGE EXISTING FLOOR DRAIN
- D15 REMOVE EXISTING CONCRETE SHOWER BENCH
- D16 REMOVE EXISTING THRESHOLD / CONCRETE CURB
- D17 REMOVE EXISTING TOP SOIL
- D18 REMOVE EXISTING DOOR AND FRAME
- D19 REMOVE EXISTING WINDOW UNIT
- D20 REMOVE EXISTING FIXED STOOL
- D21 REMOVE EXISTING CONCRETE COUNTER
- D22 REMOVE EXISTING MULTIPLE DOOR FRAME/UNIT
- D23 REMOVE EXISTING VISITATION HANDSET
- D24 REMOVE EXISTING LIGHT FIXTURE
- D25 REMOVE EXISTING UPPER BUNK BED
- D26 REMOVE / RETROFIT (E) WALL MOUNTED LIGHT CONTROL
- D27 REMOVE EXISTING HOT WATER SPICKET
- D28 REMOVE EXISTING STANDARD BUNK BED
- D29 REMOVE (E) CUSTOM BUNK BED (WITH STORAGE DRAWER)
- D30 REMOVE / RETROFIT EXISTING STEEL MESH PANEL AND FRAME
- D31 REMOVE EXISTING URINAL
- D32 REMOVE, SALVAGE AND RELOCATE EXISTING MIRROR-VERIFY FIELD CONDITION OF MIRROR
- D33 REMOVE, SALVAGE AND RELOCATE EXISTING CABINETRY (UPPER AND/OR LOWER)
- D34 REMOVE, SALVAGE AND RELOCATE EXISTING SHOWER DOOR AND IT'S ENTIRETY
- D35 REMOVE, SALVAGE AND RELOCATE EXISTING LIGHT FIXTURE
- D36 REMOVE (E) SAFETY CELL PADDING AT WALL, FLOOR AND CEILING
- D37 REMOVE EXISTING CEILING AND ITS ENTIRETY
- D38 REMOVE FIXTURE CONTROLS
- D39 REMOVE AND SALVAGE FIXED MIDDLE SEAT FROM EXISTING DETENTION TABLE
- D40 RELOCATE AND AJUST HEIGHT OF INTERCOM / CALL BUTTON
- D41 REMOVE, SALVAGE AND RELOCATE (E) DOOR AND FRAME

CONSTRUCTION DOCUMENTS

5325 BRODER BLVD.
DUBLIN, CA 94568

DEMO & ENLARGED PLANS / INTERIOR ELEVATIONS
ALAMEDA CO. - SANTA RITA JAIL

A2.4
75-17108-00
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Revisions

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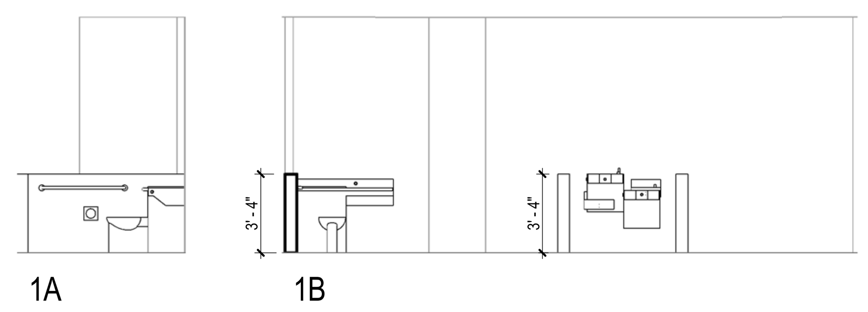
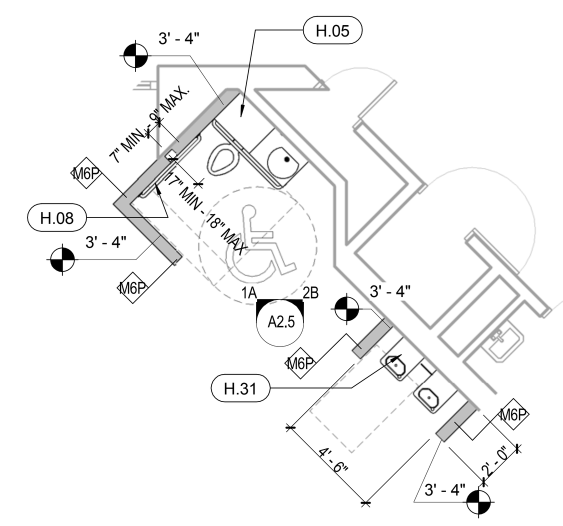
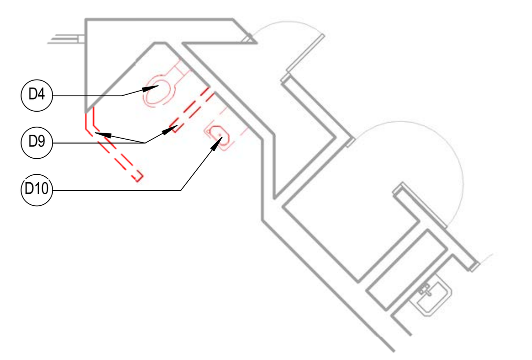


HOUSING YARD TOILET ELEVATIONS

SEE DETAIL 34/G0.2 FOR TYPICAL MOUNTING HEIGHTS

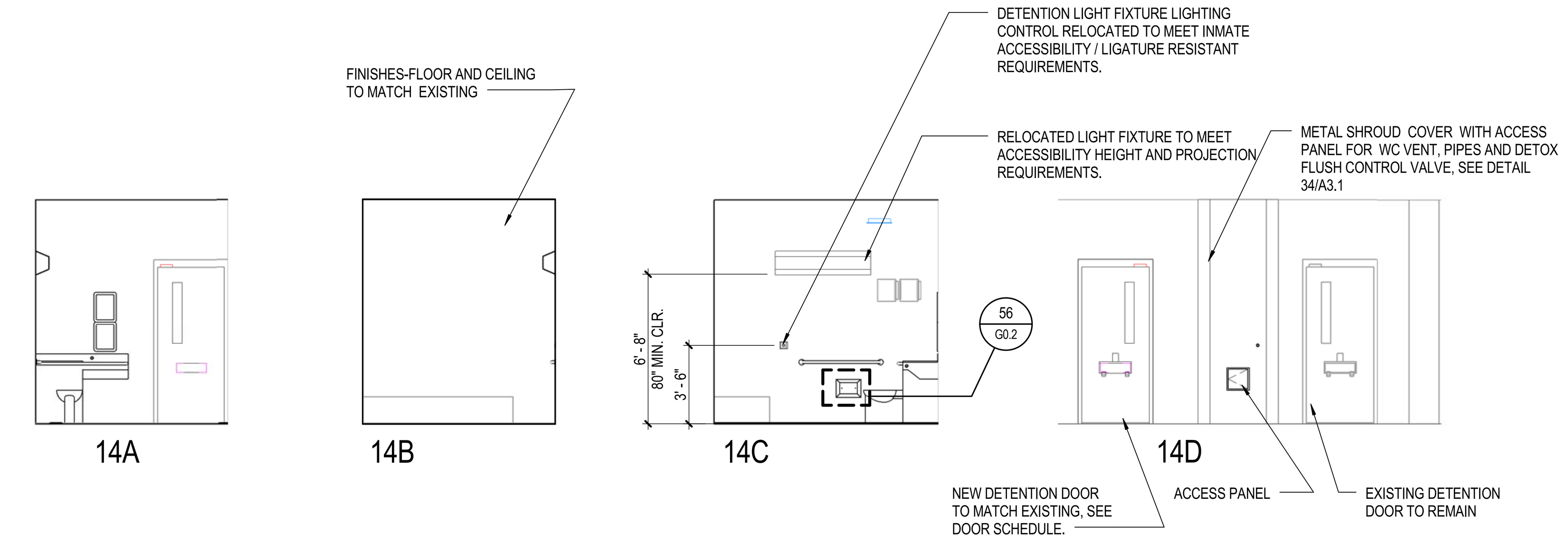


21 A2.5 HOUSING YARD TOILET - ENLARGED PLAN
SCALE: 3/16" = 1'-0"
SEE DETAIL 34/G0.2 FOR TYPICAL MOUNTING HEIGHTS



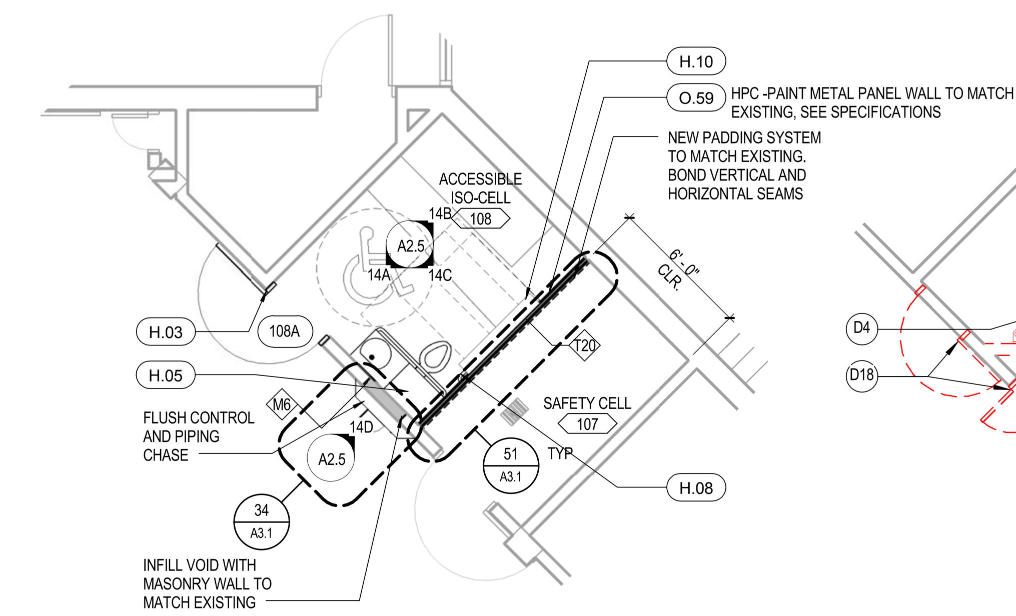
22 A2.5 HOUSING YARD TOILET - ENLARGED DEMO PLAN
SCALE: 3/16" = 1'-0"

23 A2.5 HOUSING YARD TOILET - REFERENCE PHOTOS
SCALE: 12" = 1'-0"

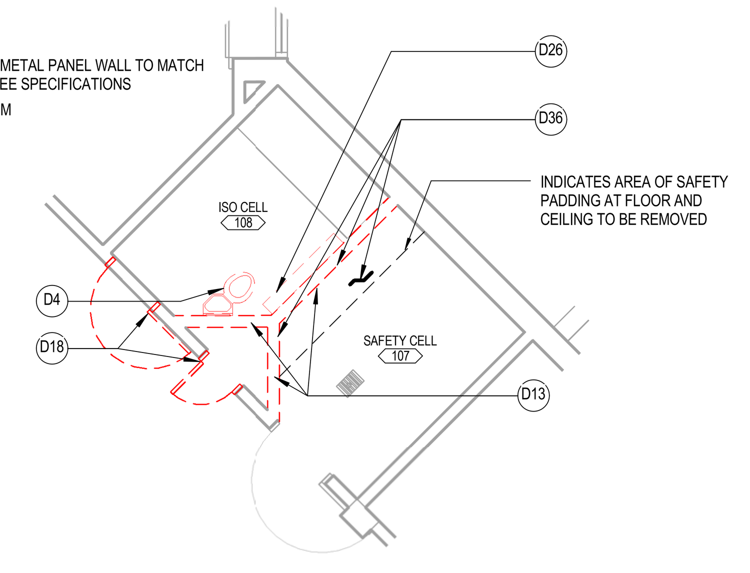


HOUSING (CELL) ISO.CELL#108A - INTERIOR ELEVATIONS

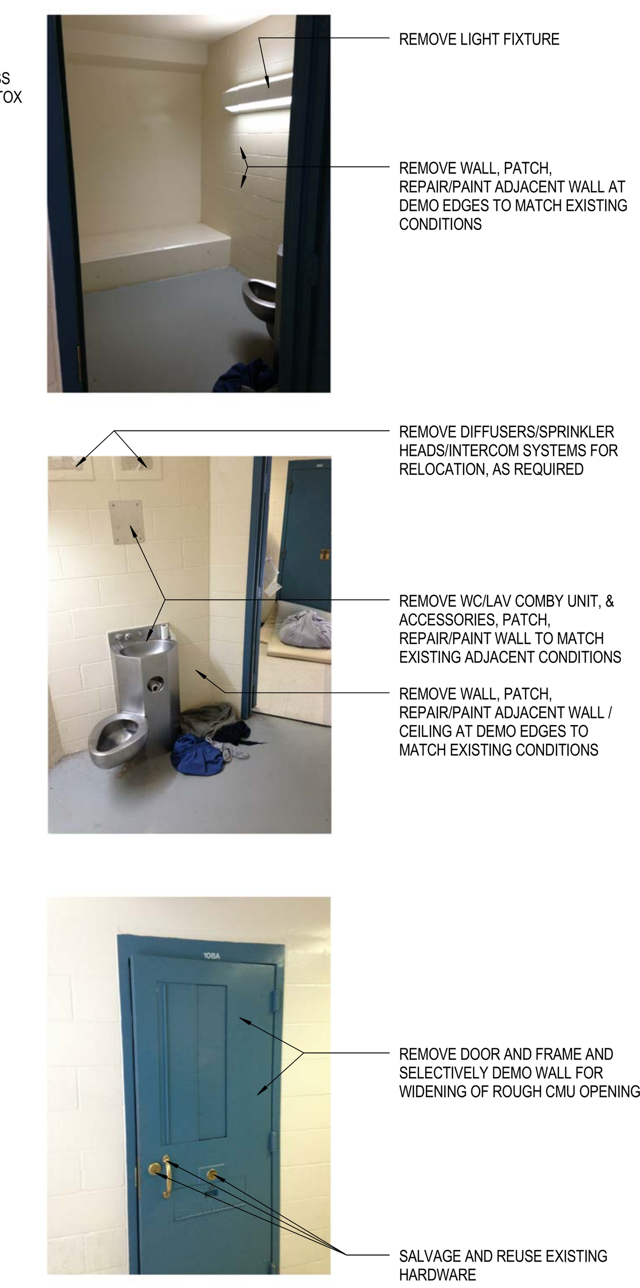
SEE DETAIL 34/G0.2 FOR TYPICAL MOUNTING HEIGHTS



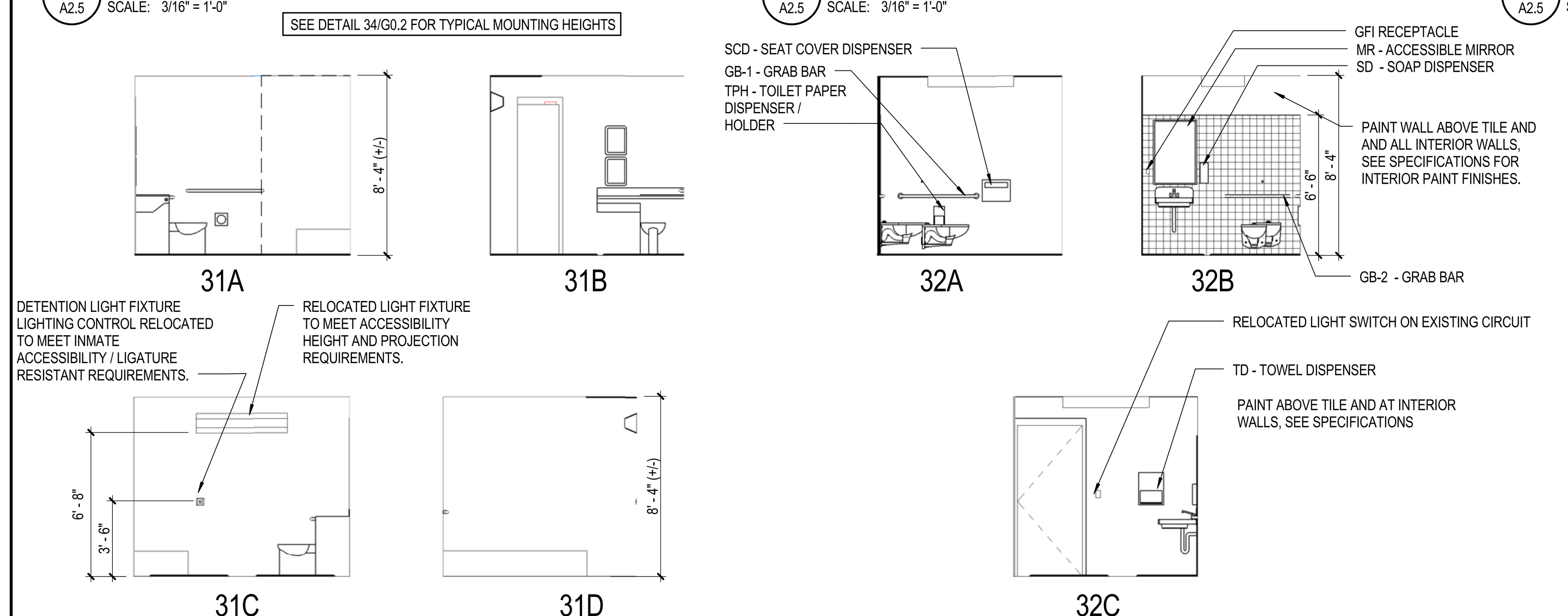
24 A2.5 HOUSING(CELL) ISO.CELL#108A - ENLARGED PLAN
SCALE: 3/16" = 1'-0"
SEE DETAIL 34/G0.2 FOR TYPICAL MOUNTING HEIGHTS



25 A2.5 HOUSING (CELL) ISO.CELL#108A - ENLARGED DEMO PLAN
SCALE: 3/16" = 1'-0"

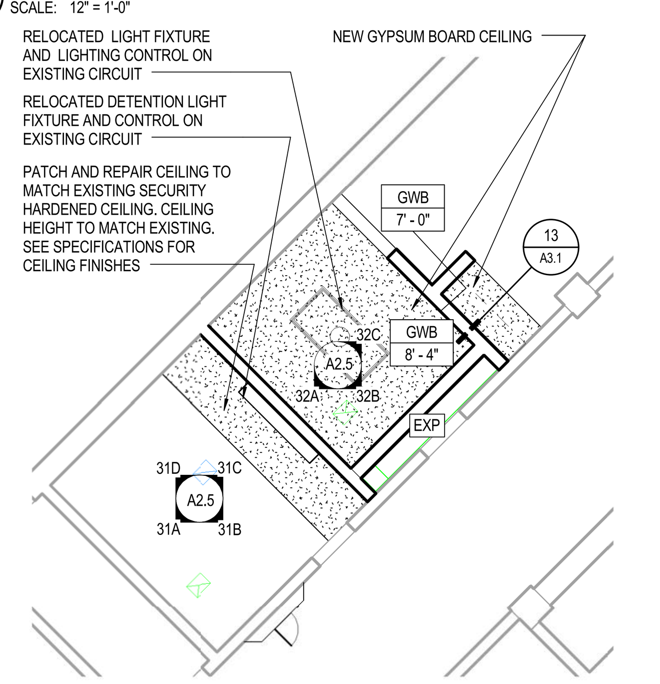


26 A2.5 HOUSING (CELL) ISO.CELL#108A - REFERENCE PHOTOS
SCALE: 12" = 1'-0"



HOUSING (DORM/CELL) ISO CELL #115A - INTERIOR ELEVATIONS

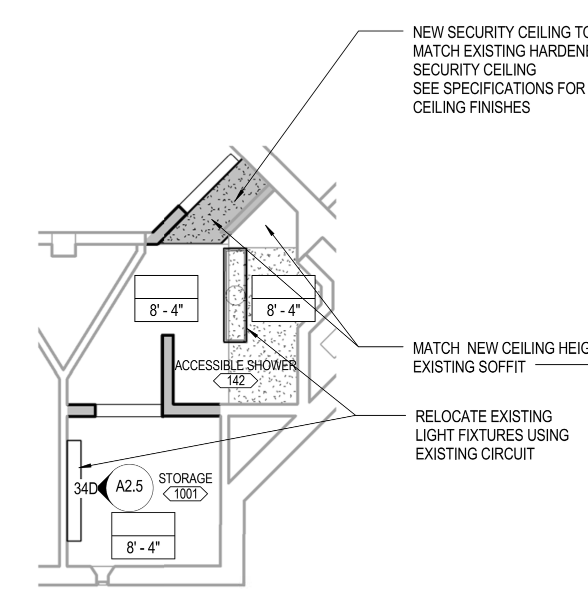
SEE DETAIL 34/G0.2 FOR TYPICAL MOUNTING HEIGHTS



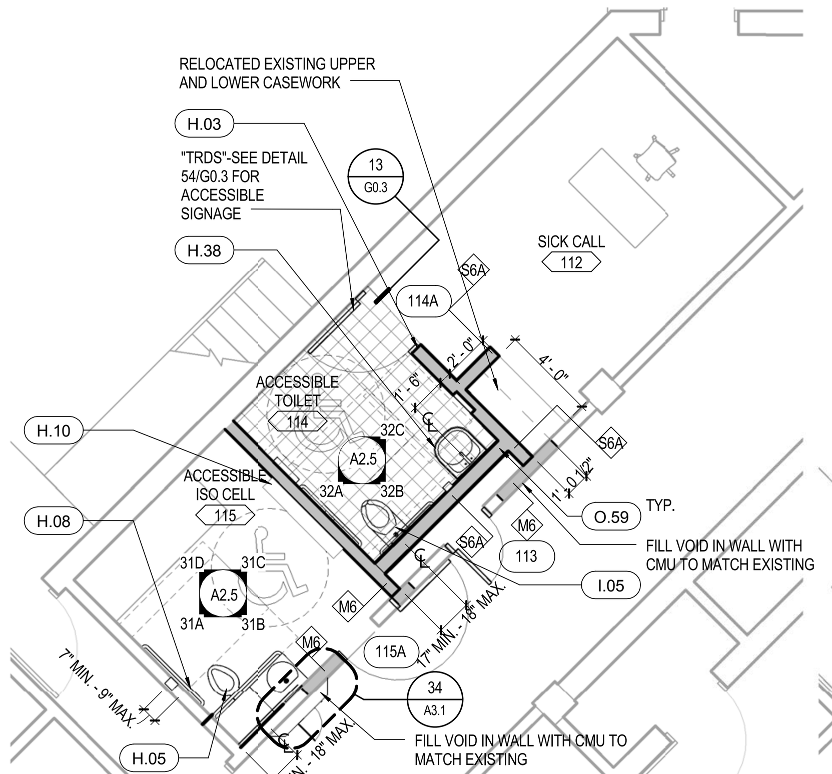
HOUSING #115A-ENLARGED PLAN- RCP

SEE DETAIL 34/G0.2 FOR TYPICAL MOUNTING HEIGHTS

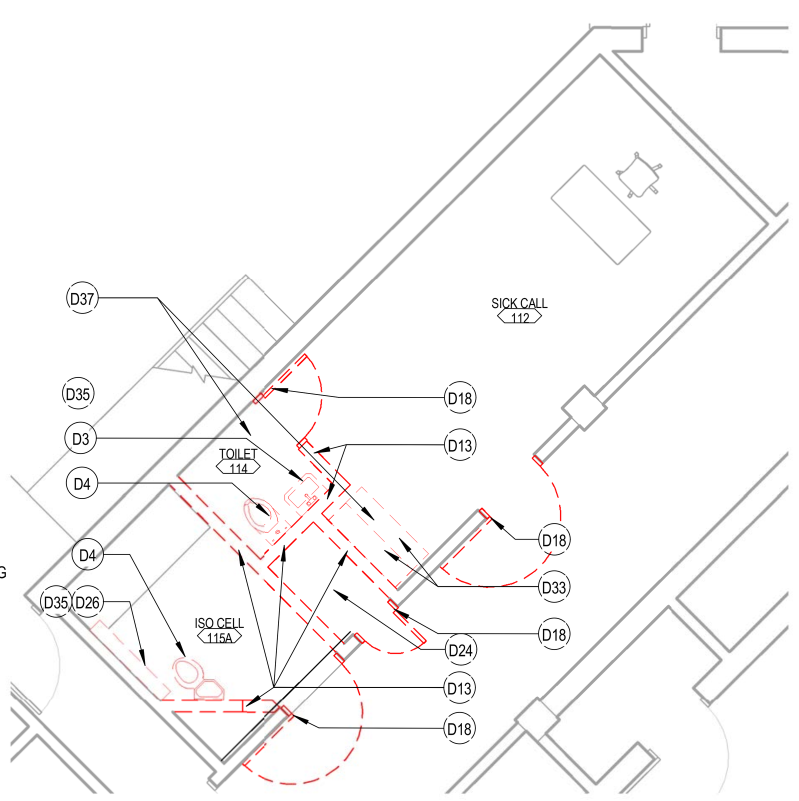
HOUSING SHOWER #142 INTERIOR ELEVATIONS



HOUSING SHOWER #142 RCP

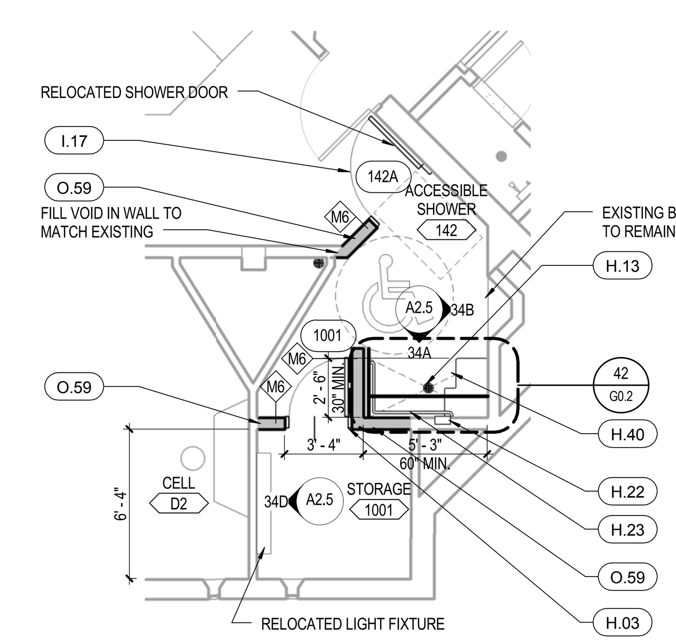


41 A2.5 HOUSING ISO-CELL#115A - ENLARGED PLAN
SCALE: 3/16" = 1'-0"
SEE DETAIL 34/G0.2 FOR TYPICAL MOUNTING HEIGHTS

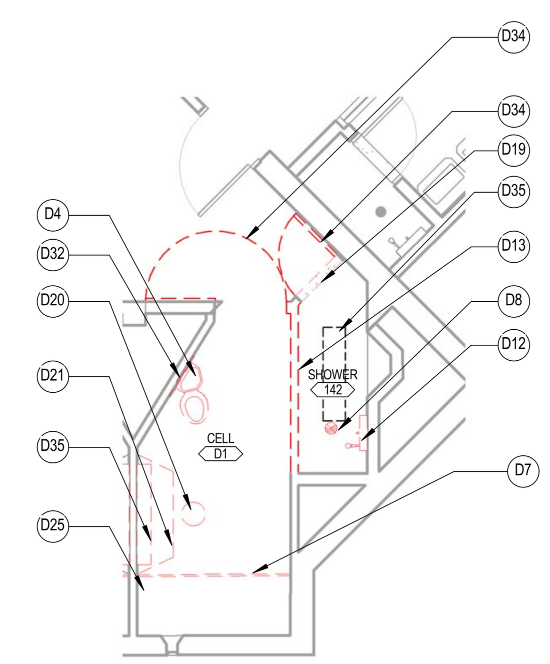


42 A2.5 HOUSING ISO-CELL#115A - ENLARGED DEMO PLAN
SCALE: 3/16" = 1'-0"

43 A2.5 HOUSING ISO-CELL#115A - REFERENCE PHOTOS
SCALE: 12" = 1'-0"



44 A2.5 HOUSING SHOWER #142 - ENLARGED PLAN
SCALE: 3/16" = 1'-0"
SEE DETAIL 34/G0.2 FOR TYPICAL MOUNTING HEIGHTS



45 A2.5 HOUSING SHOWER #142 - ENLARGED DEMO PLAN
SCALE: 3/16" = 1'-0"

46 A2.5 HOUSING (CELL) SHOWER #142 -REFERENCE PHOTOS
SCALE: 12" = 1'-0"

BARRIER KEYNOTES

E.02	BLEACHER SEATING PROVIDE
H.03	DOOR FRAME/WALL
H.04	DOOR LEAF
H.05	WC/LAV COMBI
H.06	TOILET PAPER HOLDER
H.07	MIRROR
H.08	GB SIDE
H.09	ELECTRICAL CONTROL
H.10	LIGHT
H.11	PHONE TTY SIGNAGE
H.12	FV
H.13	FLOOR DRAIN
H.14	INSTA-HOT BEVERAGE STATION
H.16	TABLE/STOOL
H.19	GUARD RAILS
H.20	GB REAR
H.21	SHOWER
H.22	SHOWER CONTROLS
H.23	GB SHOWER
H.24	CALL BUTTON
H.26	VISITATION HEADSET
H.31	WF HEIGHT
H.32	WF REPLACE
H.33	WF HIGH PROVIDE
H.38	LAV
H.39	BED REPLACE
H.40	SHOWER FLOOR
H.41	WHEEL CHAIR STRORAGE AREA
I.01	BENCH
I.05	WC
I.07	GB SIDE RETROFIT/REPLACE
I.11	BENCH/CONCRETE SELECTIVE DEMO
I.12	FLOOR BUSH SLAB
I.13	DOOR TRANSITION
I.14	SIGNAGE
I.17	DOOR HARDWARE
O.05	COUNTERTOP
O.20	GB SITZ BATH SIDE
O.46	TUB CONTROLS
O.50	SITZ CONTROL
O.51	SITZ FAUCET PIPE
O.52	PRIVACY SCREEN
O.53	GB TUB HEAD WALL, HIGH
O.54	GB TUB CONTROL WALL
O.57	TUB
O.58	VARIOUS LIGATURE
O.59	WALLS

X.XX FOR BARRIER LIST AND SOLUTIONS, SEE SHEET G0.4 AND G0.5

D39	REMOVE AND SALVAGE FIXED MIDDLE SEAT FROM EXISTING DETENTION TABLE
D40	RELOCATE AND AJUST HEIGHT OF INTERCOM / CALL BUTTON
D41	REMOVE, SALVAGE AND RELOCATE (E) DOOR AND FRAME
D26	REMOVE / RETROFIT (E) WALL MOUNTED LIGHT CONTROL
D27	REMOVE EXISTING HOT WATER SPICKET
D28	REMOVE EXISTING STANDARD BUNK BED
D29	REMOVE (E) CUSTOM BUNK BED (WITH STORAGE DRAWER)
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D21	REMOVE EXISTING CONCRETE COUNTER
D22	REMOVE EXISTING MULTIPLE DOOR FRAME/UNIT
D23	REMOVE EXISTING VISITATION HANDSET
D24	REMOVE EXISTING LIGHT FIXTURE
D25	REMOVE EXISTING UPPER BUNK BED

LEGEND NOTES

LEGEND NOTES ARE COMMON TO ALL
SOME NOTES MAY NOT APPLY TO THIS SHEET

D1	REMOVE EXISTING DOOR LEAF AND HARDWARE. EXISTING DOOR FRAME TO REMAIN
D2	REMOVE EXISTING ACCESSIBLE GRAB BAR OR RETROFIT EXISTING TO MEET LIGATURE RESISTANT REQUIREMENTS
D3	REMOVE EXISTING LAVATORY
D4	REMOVE EXISTING WATER CLOSET / COMBY UNIT
D5	REMOVE EXISTING WALL MOUNTED FLUSH VALVE
D6	REMOVE EXISTING WALL MOUNTED PHONE
D7	REMOVE EXISTING CONCRETE BASE
D8	REMOVE EXISTING FLOOR DRAIN
D9	REMOVE PARTIAL HEIGHT WALL
D10	REMOVE EXISTING WATER FOUNTAIN
D11	REMOVE EXISTING GRAB BARS
D12	REMOVE EXISTING SHOWER CONTROL PANEL

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CONSTRUCTION DOCUMENTS

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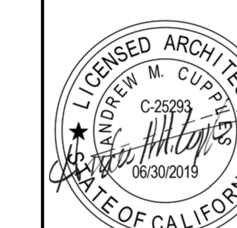

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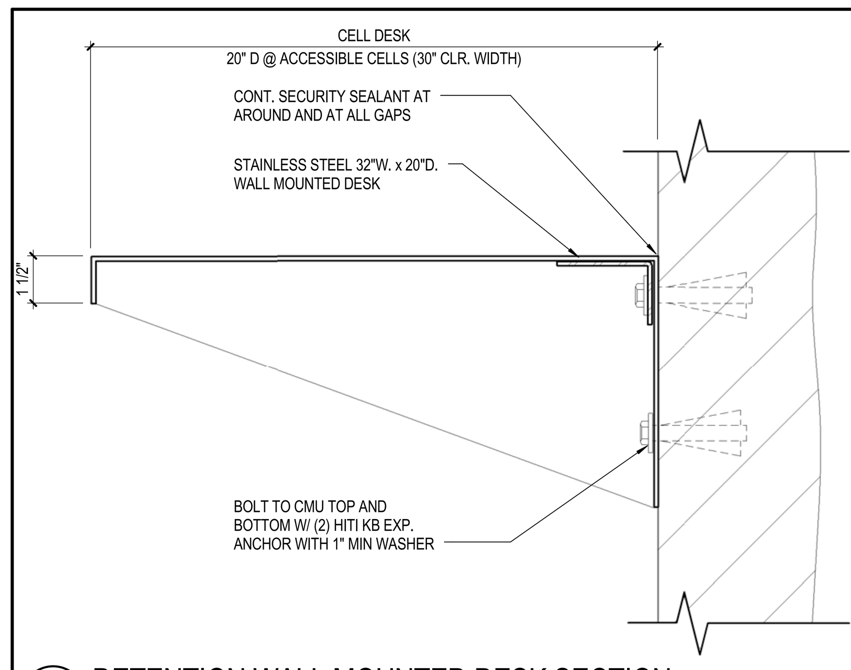
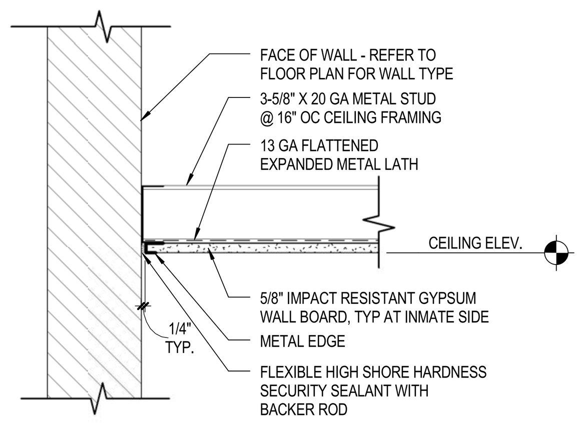
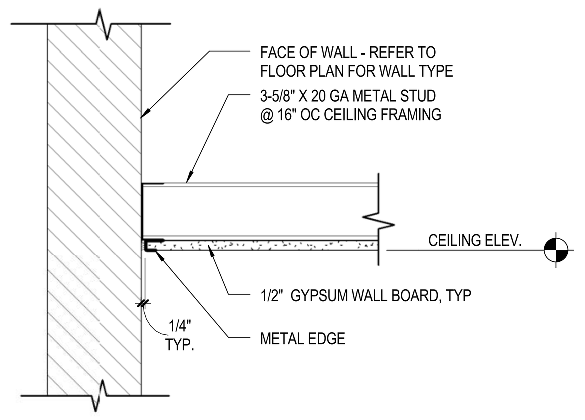


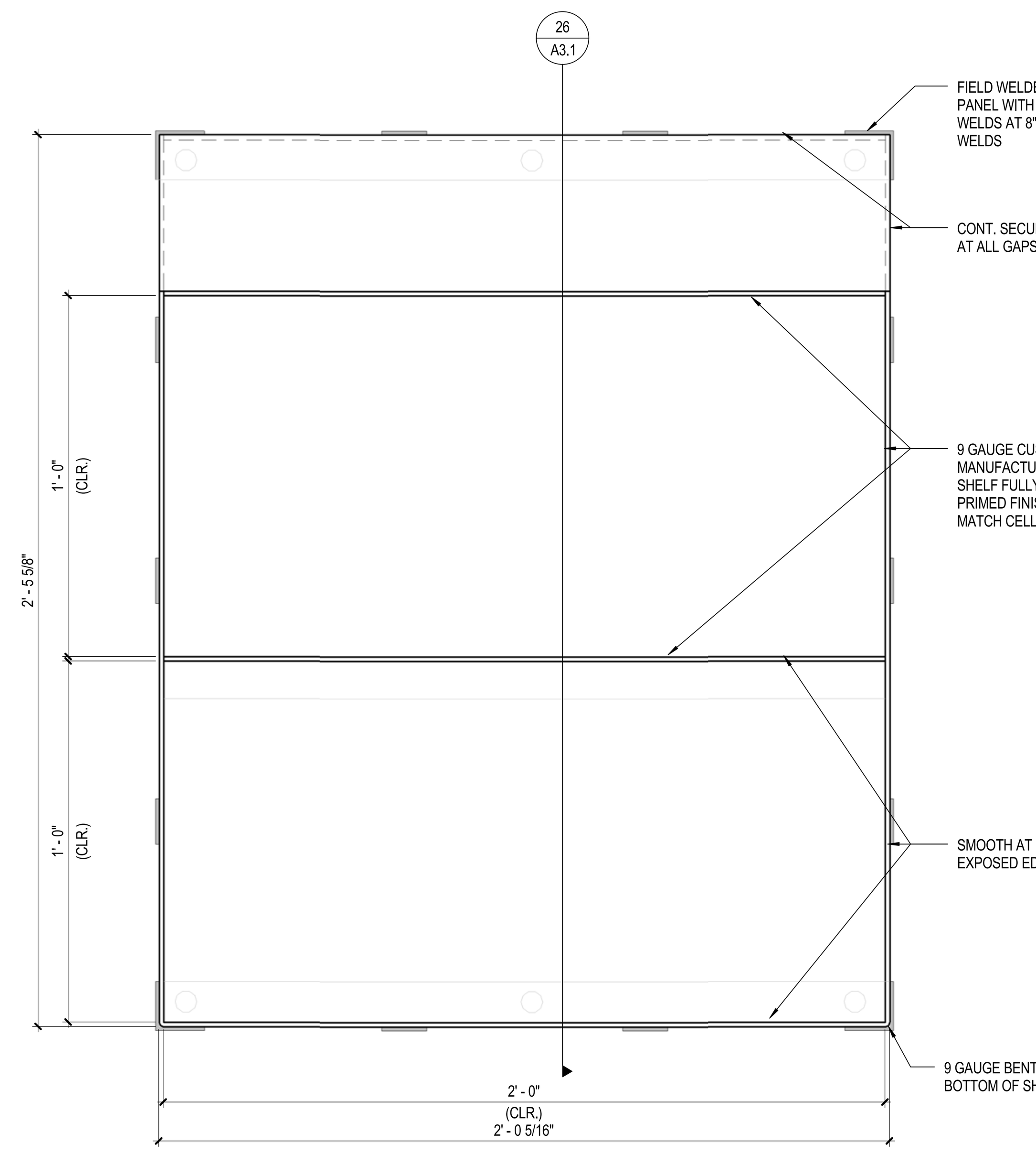
11 A3.1 DETENTION WALL MOUNTED DESK SECTION
SCALE: 3" = 1'-0"



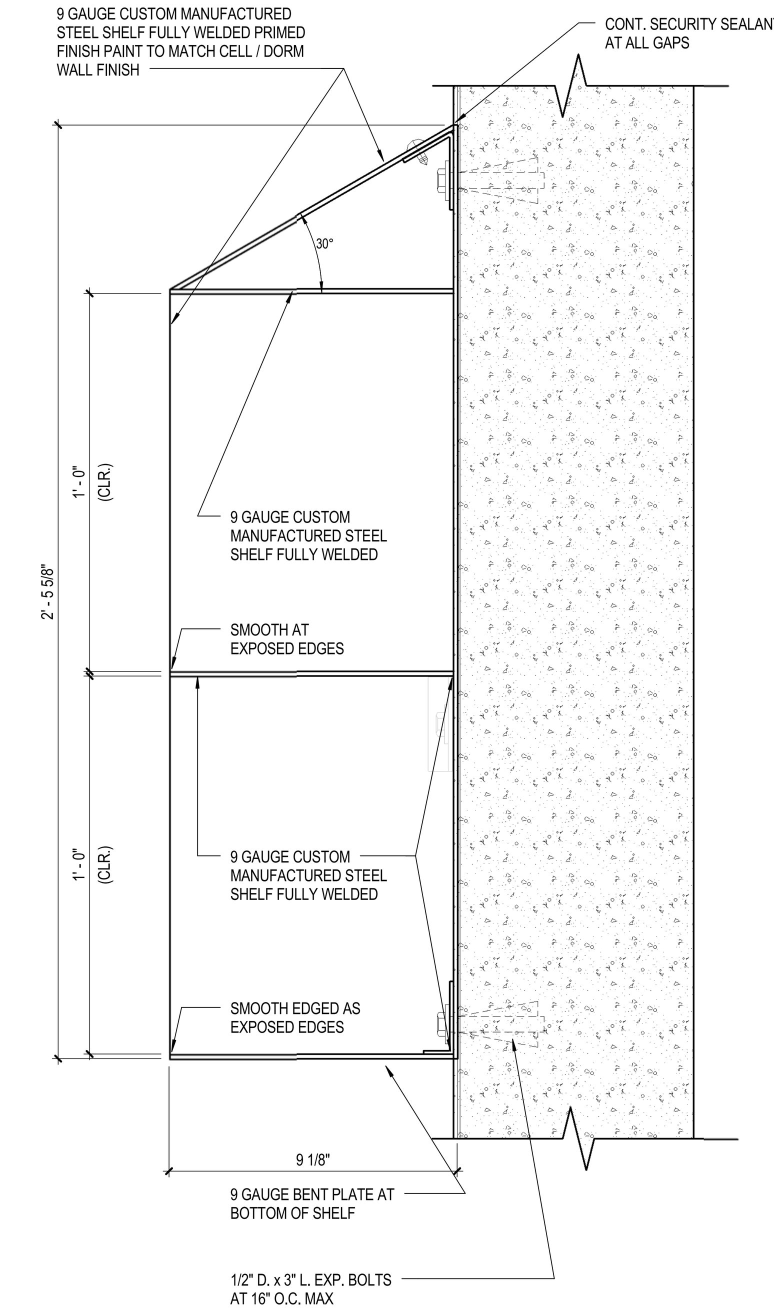
12 A3.1 TYP. IMPACT RESISTANT GWB CEILING DETAILS-GWB
SCALE: 1 1/2" = 1'-0"



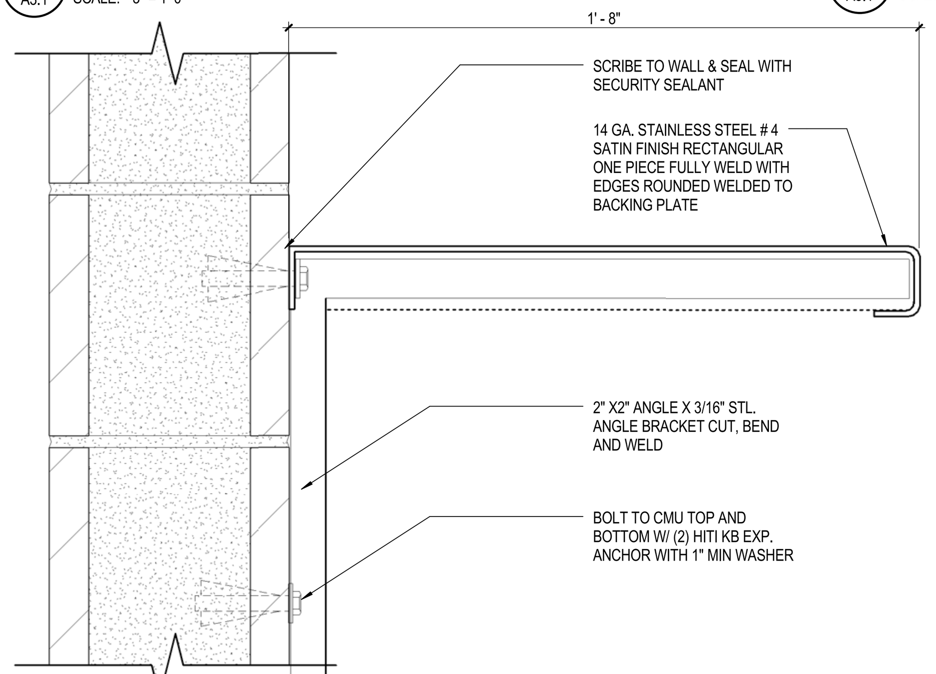
13 A3.1 TYP. GWB CEILING DETAIL
SCALE: 1 1/2" = 1'-0"



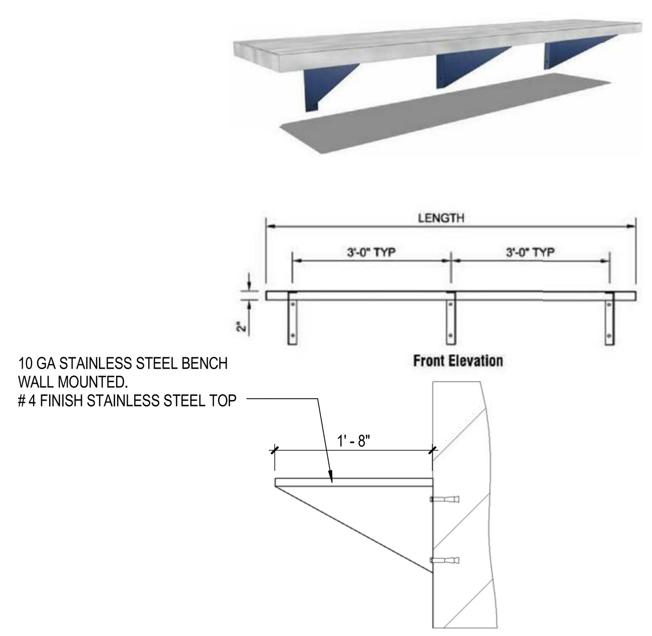
24 A3.1 DETENTION WALL MOUNTED SHELVES ELEVATION
SCALE: 3" = 1'-0"



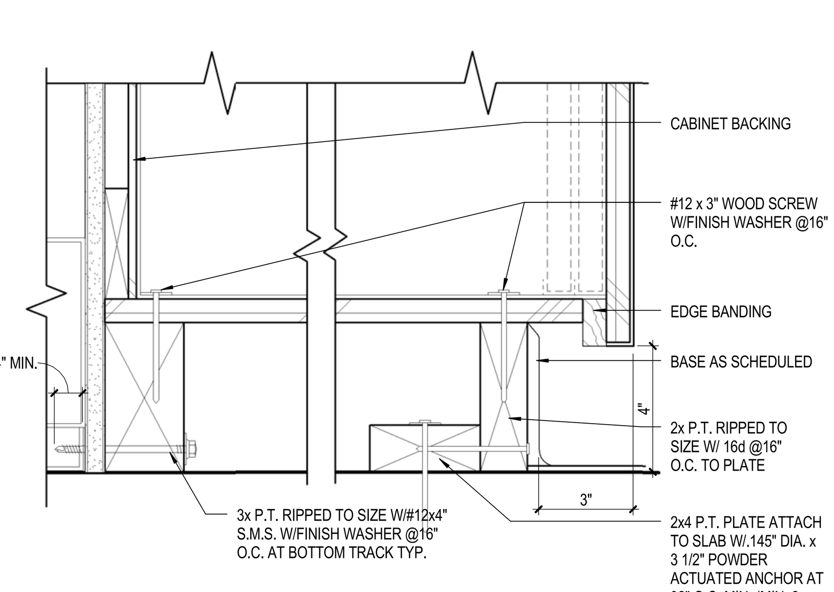
26 A3.1 DETENTION WALL MOUNTED SHELVES SECTION
SCALE: 3" = 1'-0"



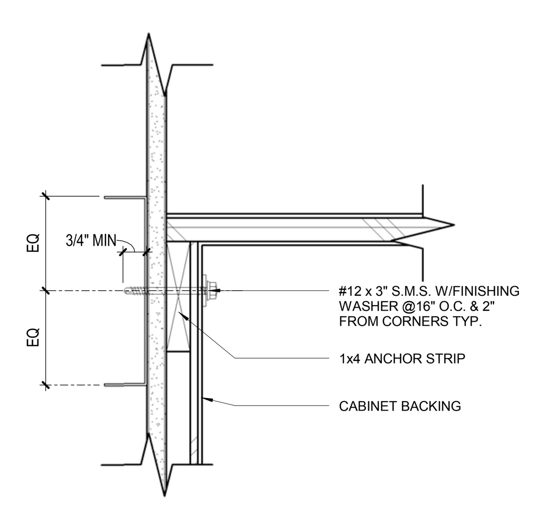
21 A3.1 STAINLESS STEEL COUNTER AT INTERVIEW
SCALE: 3" = 1'-0"



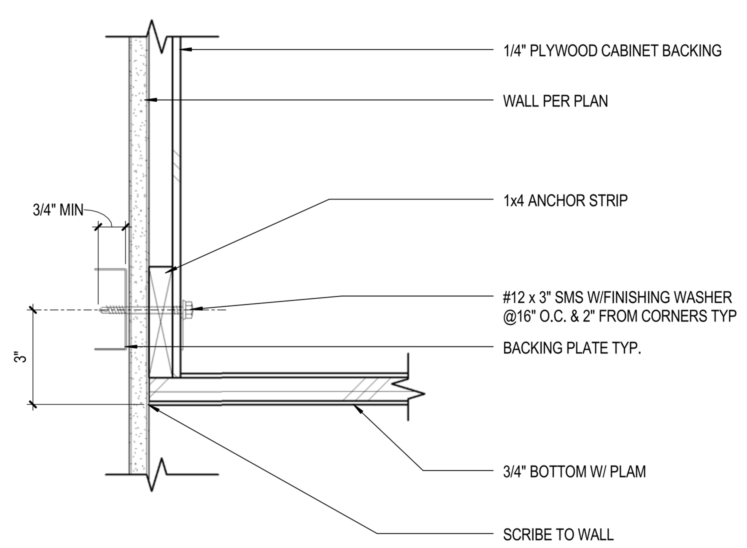
22 A3.1 SSTL WALL MTD. DETENTION BENCH
SCALE: 3/4" = 1'-0"



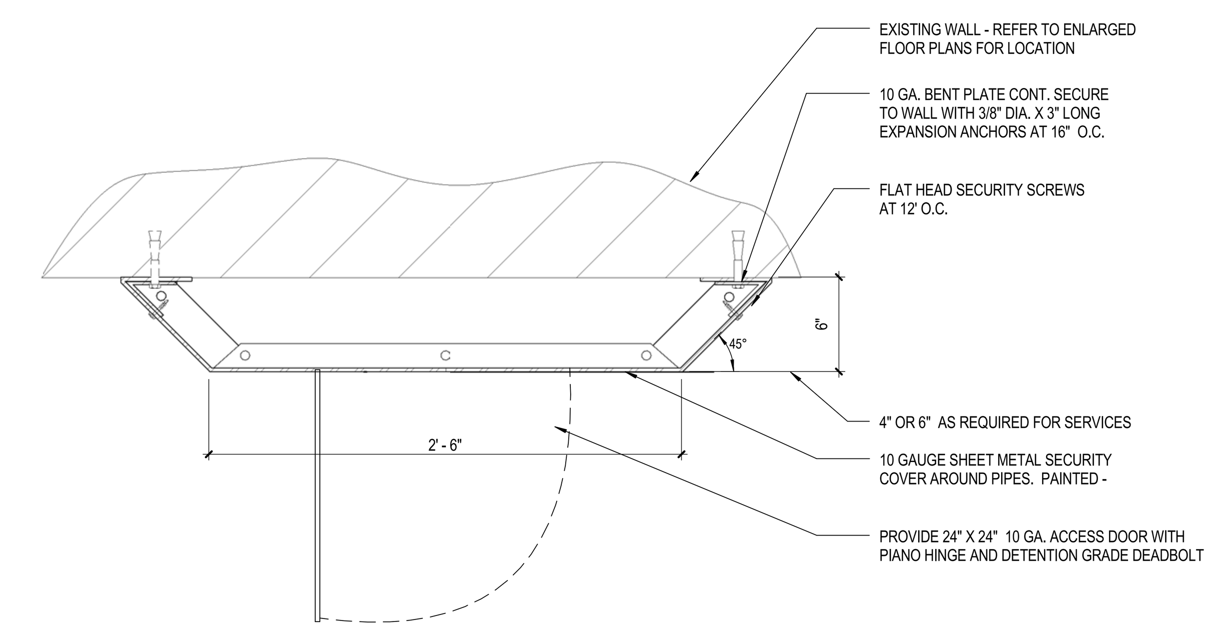
31 A3.1 BASE CABINET ANCHORAGE
SCALE: 3" = 1'-0"



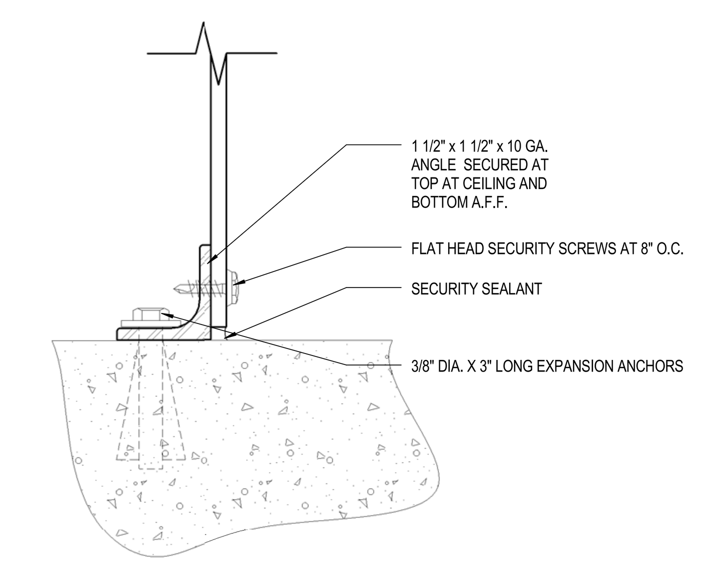
32 A3.1 UPPER CABINET ANCHORAGE AT TOP
SCALE: 3" = 1'-0"



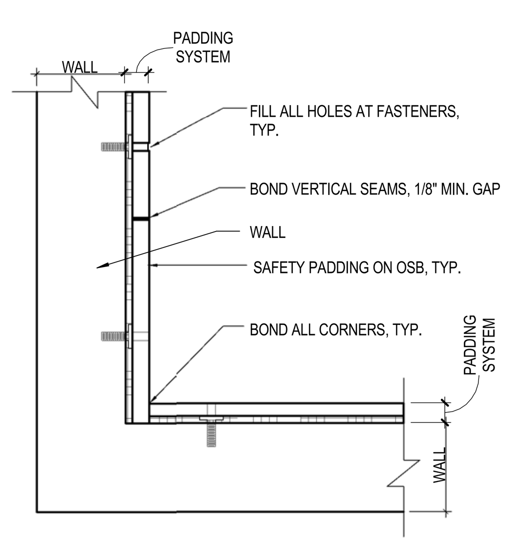
33 A3.1 UPPER CABINET ANCHORAGE AT BOTTOM
SCALE: 3" = 1'-0"



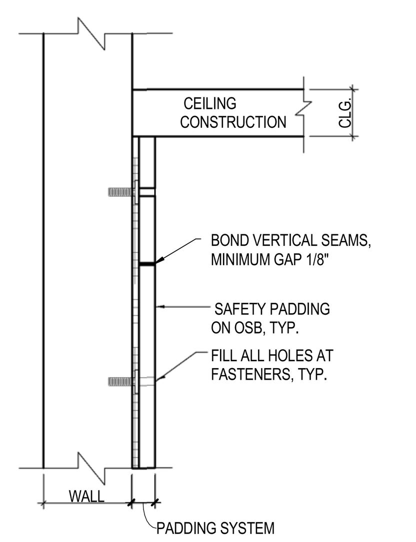
34 A3.1 SECURITY ENCLOSURES AT PIPES
SCALE: 1 1/2" = 1'-0"



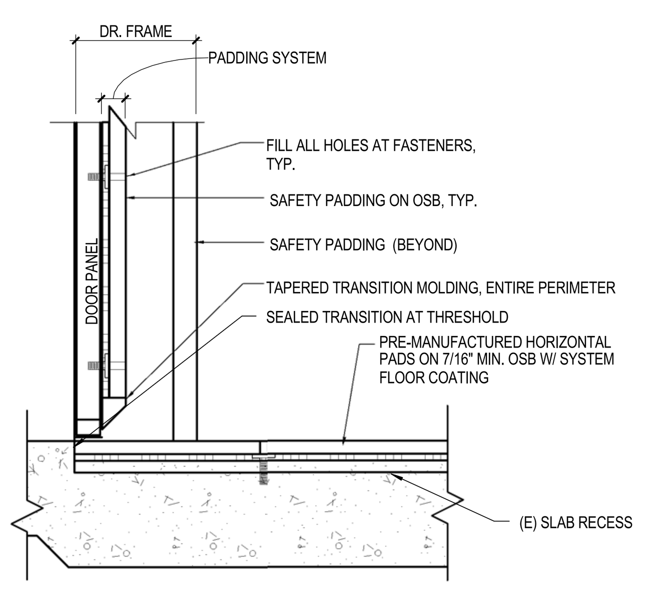
35 A3.1 SECTION AT SECURITY ENCLOSURE
SCALE: 6" = 1'-0"



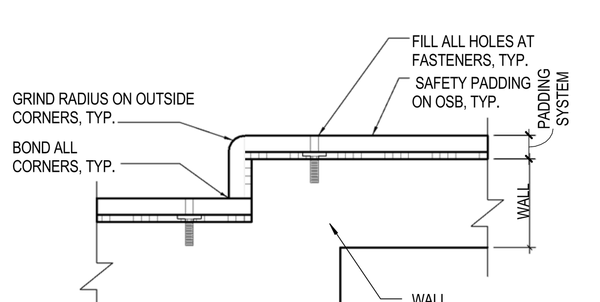
INSIDE CORNER DETAIL



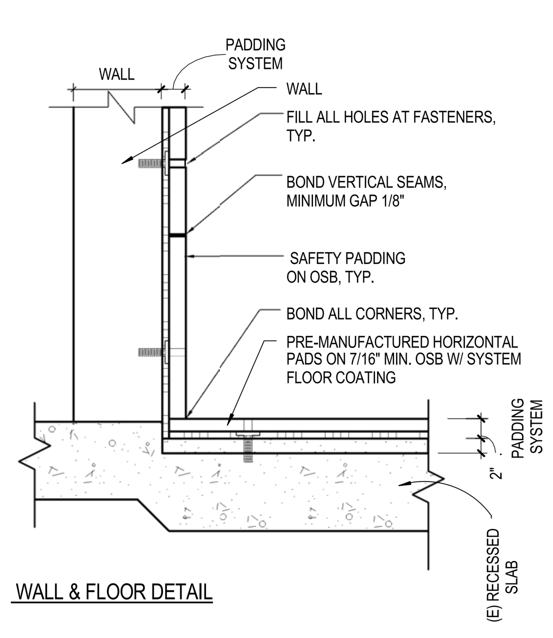
WALL TO CEILING DETAIL



FLOOR & DOOR THRESHOLD DETAIL

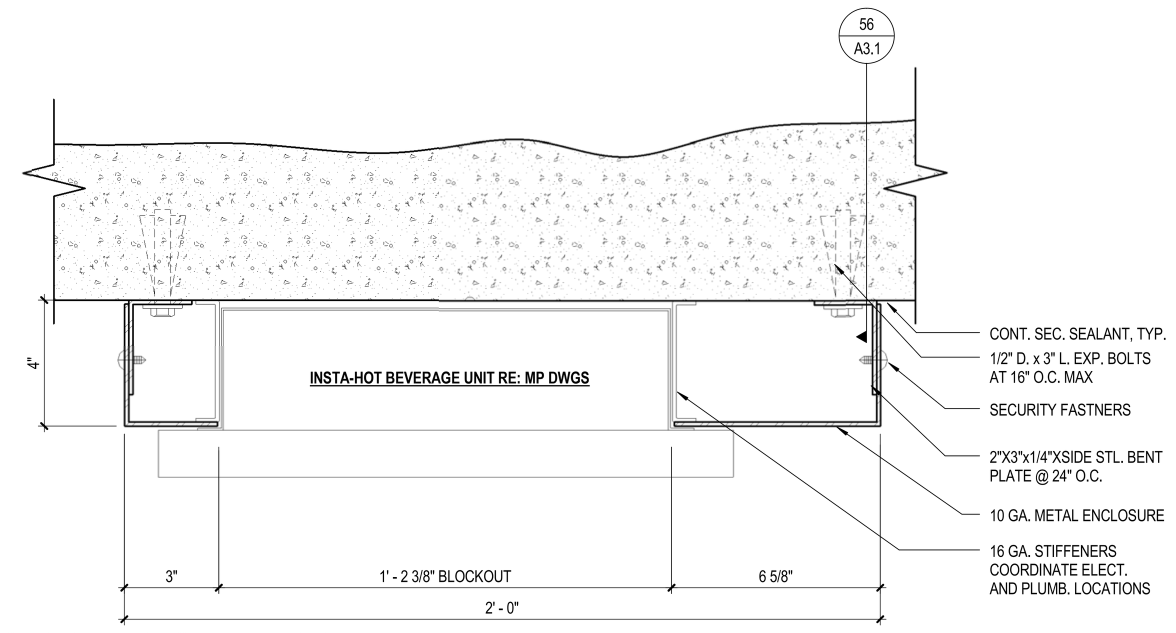


OUTSIDE CORNER DETAIL

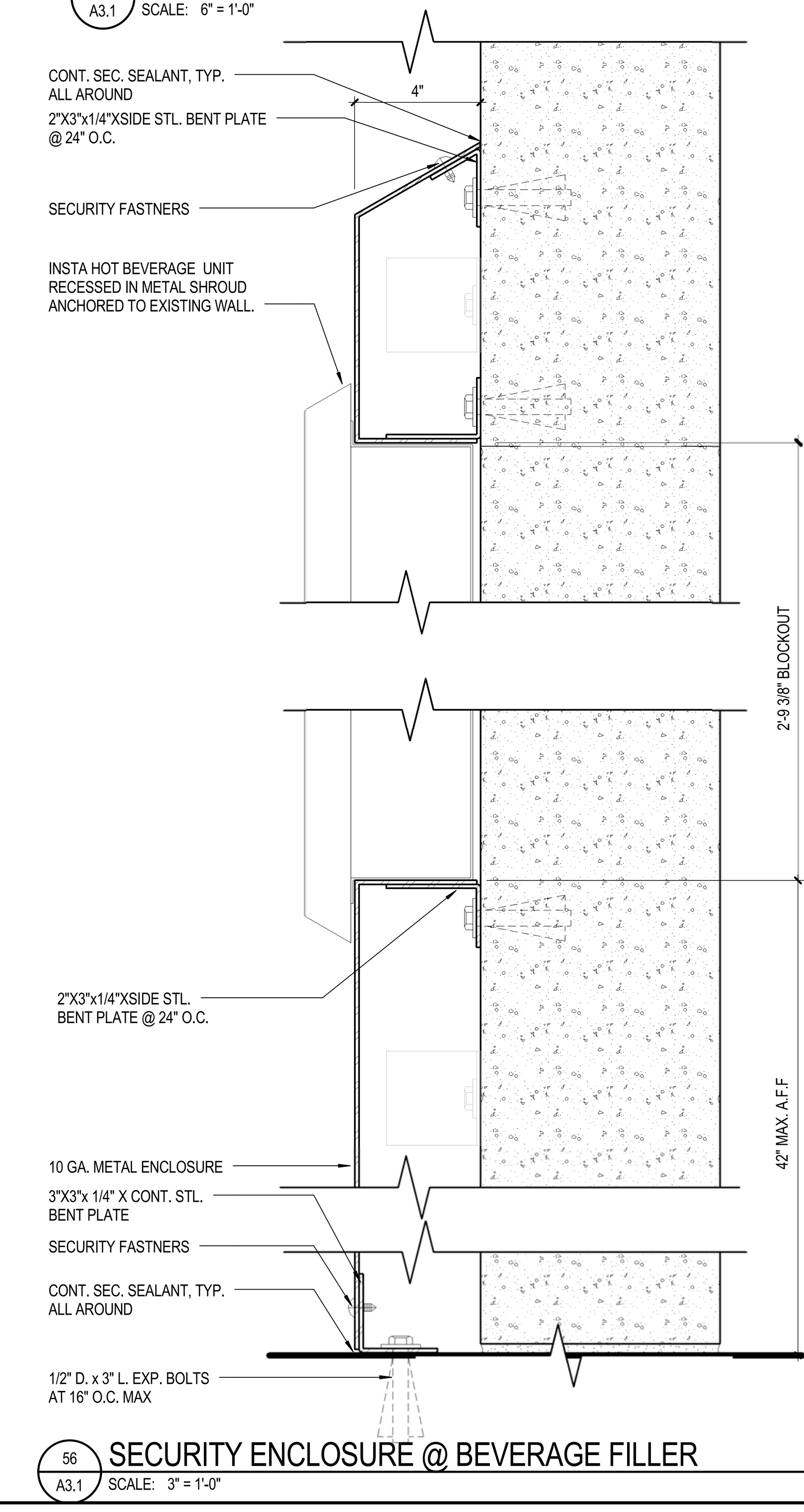


WALL & FLOOR DETAIL

51 A3.1 SAFETY CELL PADDING
SCALE: 1 1/2" = 1'-0"



54 A3.1 SEMI RECESSED BEVERAGE FILLER DETAIL
SCALE: 3" = 1'-0"



56 A3.1 SECURITY ENCLOSURE @ BEVERAGE FILLER
SCALE: 3" = 1'-0"

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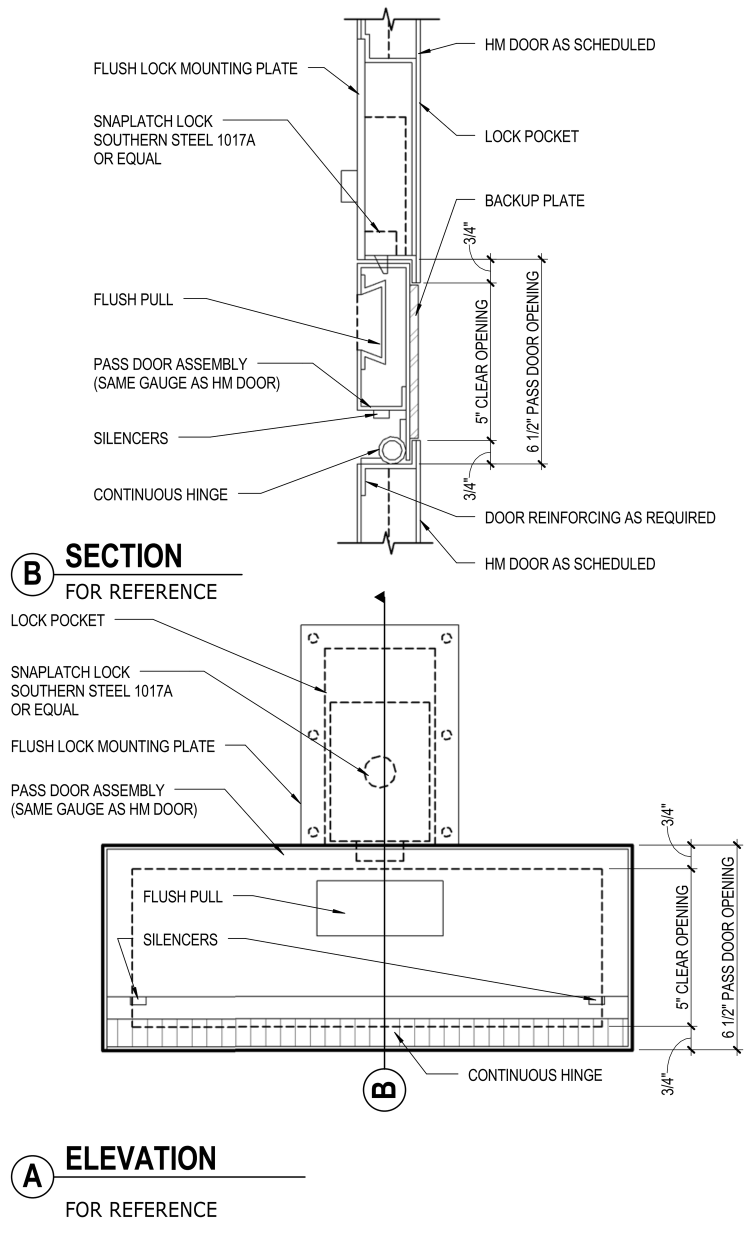
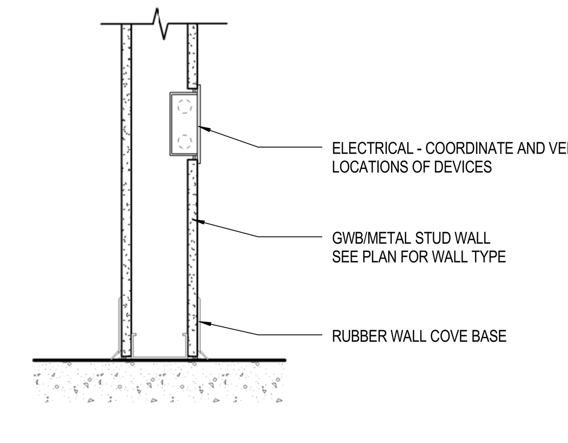
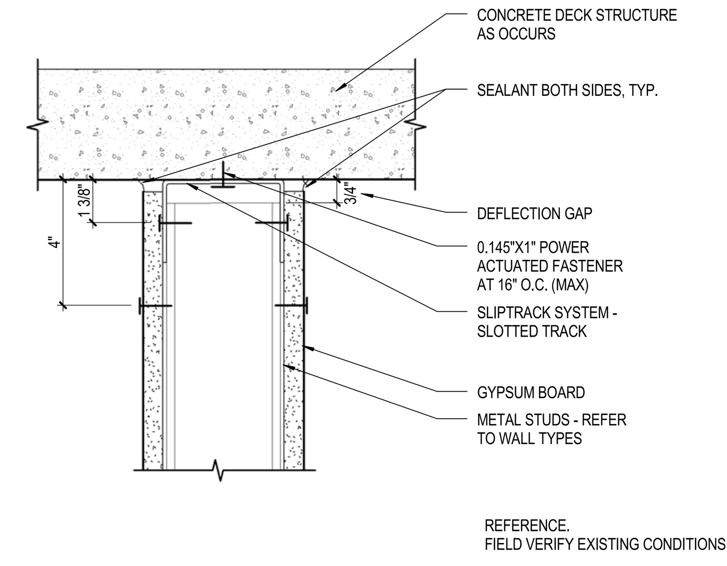


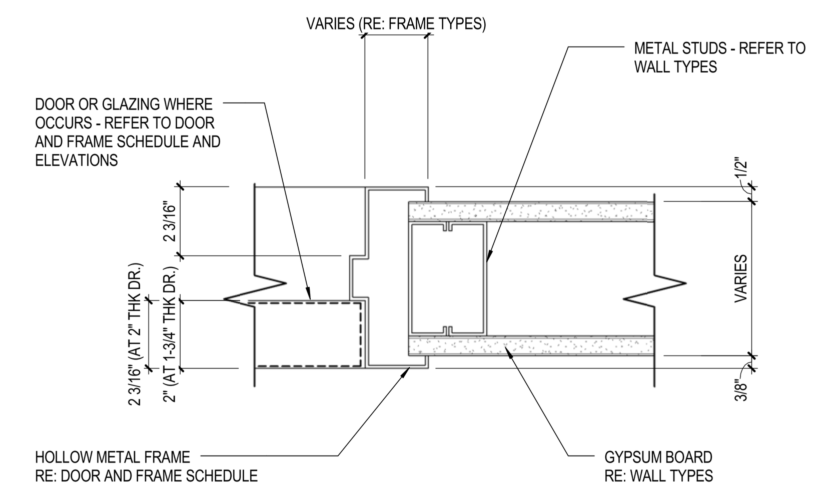
21 TYP FLUSH MOUNT DOOR/PASS/CUFF PORT DETAILS
A3.2 SCALE: 3" = 1'-0"



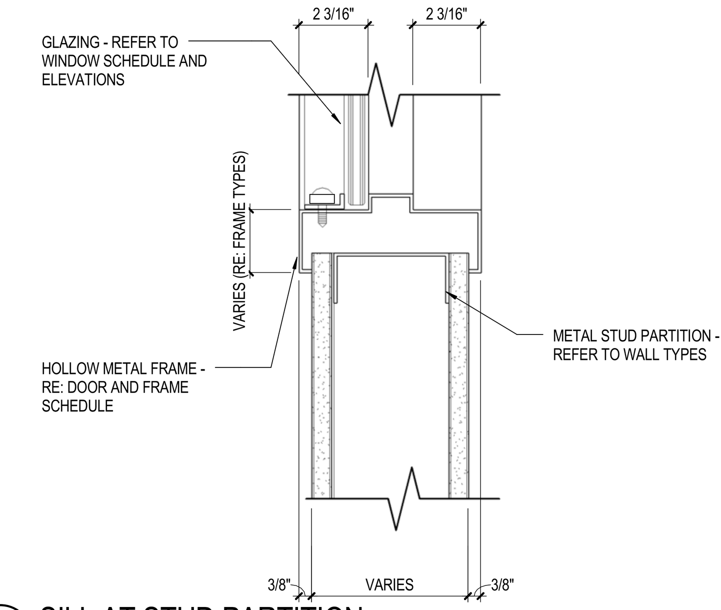
12 METAL STUD WALL BASE
A3.2 SCALE: 1 1/2" = 1'-0"



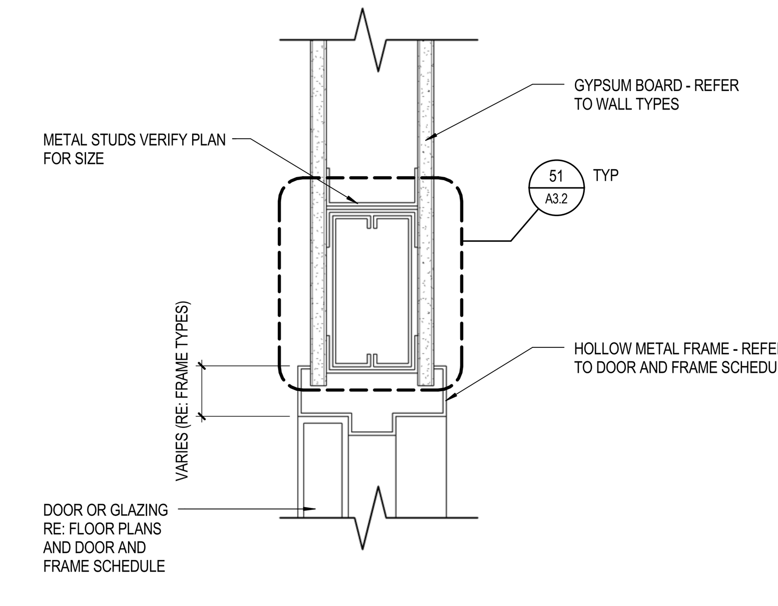
13 METAL STUD WALL SLIP TRACK
A3.2 SCALE: 3" = 1'-0"



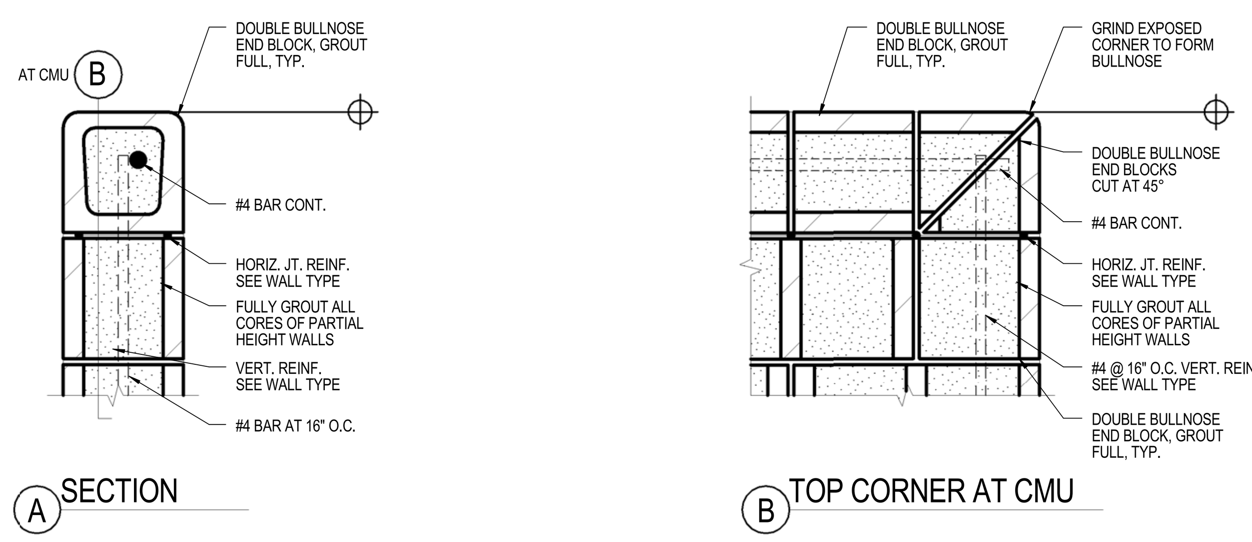
14 JAMB AT STUD PARTITION
A3.2 SCALE: 3" = 1'-0"



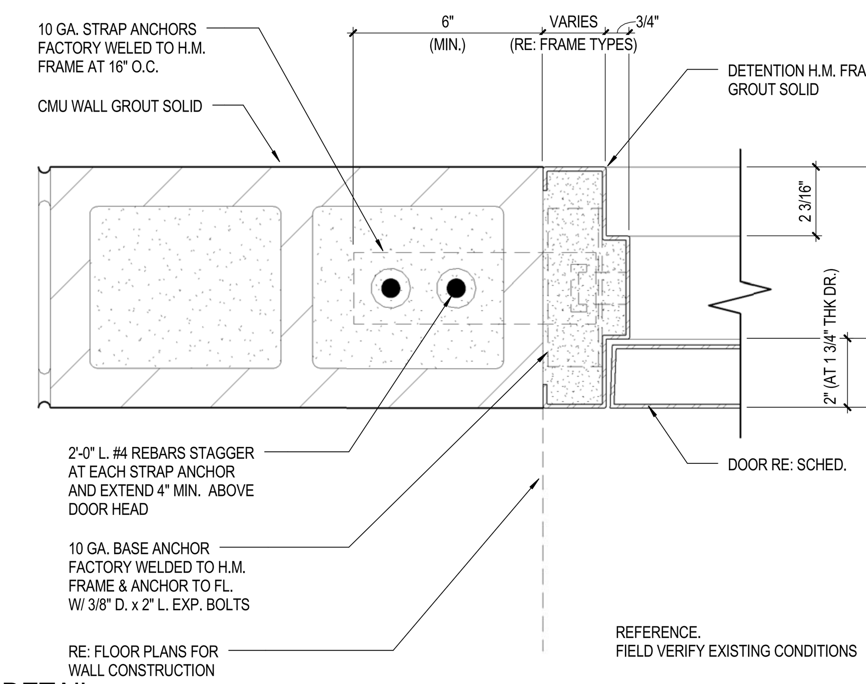
15 SILL AT STUD PARTITION
A3.2 SCALE: 3" = 1'-0"



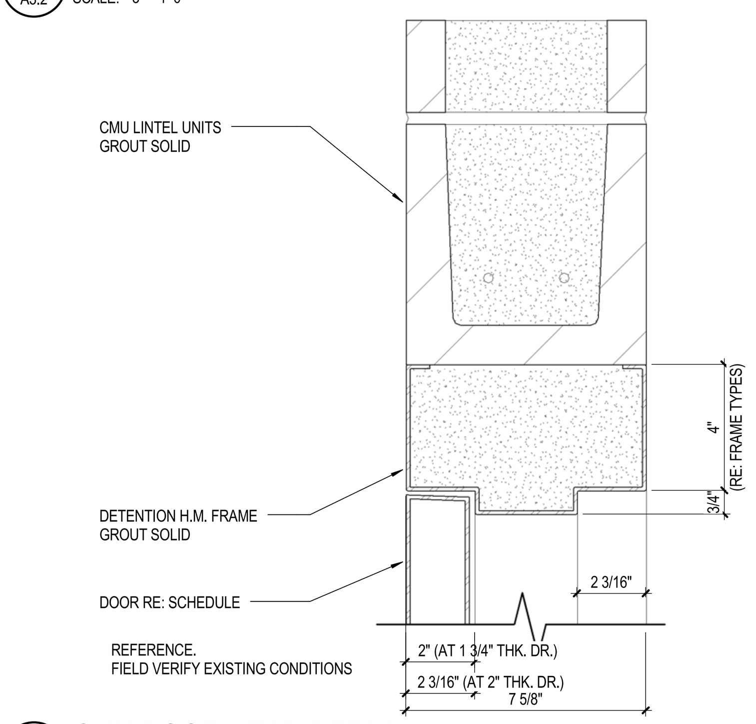
16 HEAD AT STUD PARTITION
A3.2 SCALE: 3" = 1'-0"



22 TYPICAL TOP OF PARTIAL HEIGHT MASONRY WALL DETAILS
A3.2 SCALE: 1 1/2" = 1'-0"



24 CMU DOOR JAMB DETAIL
A3.2 SCALE: 3" = 1'-0"



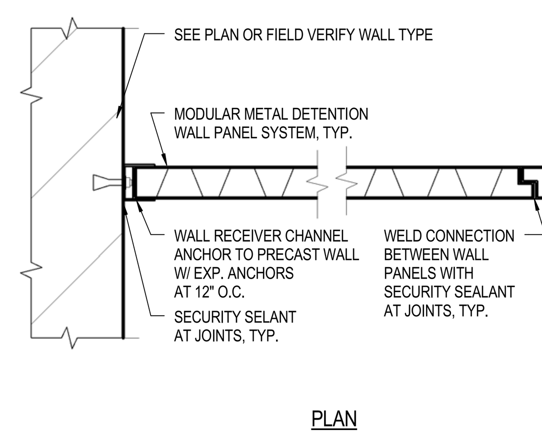
26 CMU DOOR HEAD DETAIL
A3.2 SCALE: 3" = 1'-0"

DETENTION DOOR

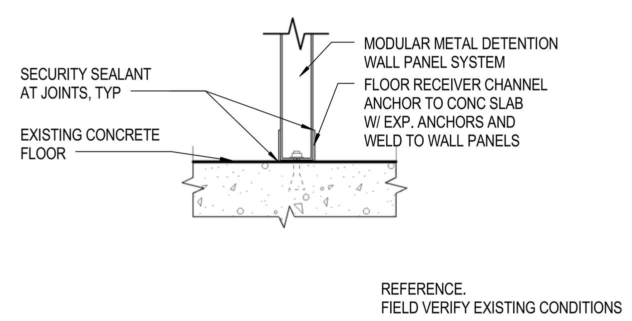
NUMBER	DOOR PANEL WIDTH	HEIGHT	THICKNESS	MATERIAL	GLAZING	TYPE	FRAME DEPTH	MATERIAL	FIRE RATING	HARDWARE SET	COMMENTS
531A	3'-0"	7' - 0"	2"	DHM	SG2F	DE	5 3/4"	DHM	20 MIN	REUSE	SF 214 CUP PULL INMATE SIDE
518A	3' - 0"	7' - 0"	2"	DHM	SG2F	DB	5 3/4"	DHM	20 MIN	REUSE	SF 214 CUP PULL INMATE SIDE
524A	3' - 0"	7' - 0"	2"	DHM	SG2F	DD	5 3/4"	DHM	20 MIN	REUSE	SF 214 CUP PULL INMATE SIDE
143A	4' - 0"	7' - 0"	2"	DHM	SG2F	DB	5 3/4"	DHM	20 MIN	REUSE	
101A	3' - 0"	7' - 0"	2"	DHM	SG2F	DBA	5 3/4"	DHM	20 MIN	REUSE	
1122A	3' - 0"	7' - 0"	2"	DHM	SG2F	DBA	5 3/4"	DHM	20 MIN	REUSE	
1122B	3' - 0"	7' - 0"	2"	DHM	SG2F	DBA	5 7/8"	DHM	20 MIN	REUSE	
108A	3' - 0"	7' - 0"	2"	DHM	SG2F	DB	5 7/8"	DHM	20 MIN	REUSE	
115A	3' - 0"	7' - 0"	2"	DHM	SG2F	DB	5 3/4"	DHM	20 MIN	REUSE	

DETENTION CELL AND DORM DOORS

NUMBER	DOOR WIDTH	HEIGHT	THICKNESS	TYPE	GLAZING	MATERIAL	FIRE RATING	COMMENTS
A1-A24	2' - 0 1/2"	7' - 0"	2"	DF	NONE	DHM		RE-USE EXISTING HARDWARE
A1-A25	2' - 0 1/2"	7' - 0"	2"	DF	NONE	DHM		RE-USE EXISTING HARDWARE
A1-B24	2' - 0 1/2"	7' - 0"	2"	DF	NONE	DHM		RE-USE EXISTING HARDWARE
A1-B25	2' - 0 1/2"	7' - 0"	2"	DF	NONE	DHM		RE-USE EXISTING HARDWARE
A2-6	3' - 0"	7' - 0"	2"	DB	SG2	DHM		RE-USE EXISTING HARDWARE
A2-7	3' - 0"	7' - 0"	2"	DBA	SG2	DHM		RE-USE EXISTING HARDWARE
A2-8	3' - 0"	7' - 0"	2"	DB	SG2	DHM		RE-USE EXISTING HARDWARE
A2-21	3' - 0"	7' - 0"	2"	DB	SG2	DHM		RE-USE EXISTING HARDWARE
A2-23	3' - 0"	7' - 0"	2"	DB	SG2	DHM		RE-USE EXISTING HARDWARE
A3-1	3' - 0"	7' - 0"	2"	DB	SG2	DHM		RE-USE EXISTING HARDWARE
A4-1	3' - 0"	7' - 0"	2"	DB	SG2	DHM		RE-USE EXISTING HARDWARE
A4-6	3' - 0"	7' - 0"	2"	DB	SG2	DHM		RE-USE EXISTING HARDWARE
A4-7	3' - 0"	7' - 0"	2"	DB	SG2	DHM		RE-USE EXISTING HARDWARE
A4-8	3' - 0"	7' - 0"	2"	DBA	SG2	DHM		RE-USE EXISTING HARDWARE
A4-21	3' - 0"	7' - 0"	2"	DB	SG2	DHM		RE-USE EXISTING HARDWARE
A4-23	3' - 0"	7' - 0"	2"	DB	SG2	DHM		RE-USE EXISTING HARDWARE
A6-1	3' - 0"	7' - 0"	2"	DB	SG2	DHM		RE-USE EXISTING HARDWARE
A6-6	3' - 0"	7' - 0"	2"	DB	SG2	DHM		RE-USE EXISTING HARDWARE
A6-8	3' - 0"	7' - 0"	2"	DB	SG2	DHM		RE-USE EXISTING HARDWARE
A6-23	3' - 0"	7' - 0"	2"	DB	SG2	DHM		RE-USE EXISTING HARDWARE
B18-22	3' - 0"	7' - 0"	2"	DB	SG2	DHM		RE-USE EXISTING HARDWARE
B20-22	3' - 0"	7' - 0"	2"	DB	SG2	DHM		RE-USE EXISTING HARDWARE
B22-22	3' - 0"	7' - 0"	2"	DB	SG2	DHM		RE-USE EXISTING HARDWARE
D2-24	3' - 0"	7' - 0"	2"	DB	SG2	DHM		RE-USE EXISTING HARDWARE
E6-24	3' - 0"	7' - 0"	2"	DB	SG2	DHM		RE-USE EXISTING HARDWARE
F1-A33	2' - 0 1/2"	7' - 0"	2"	DF	NONE	DHM		RE-USE EXISTING HARDWARE
F1-A34	2' - 0 1/2"	7' - 0"	2"	DF	NONE	DHM		RE-USE EXISTING HARDWARE
F1-A35	2' - 0 1/2"	7' - 0"	2"	DF	NONE	DHM		RE-USE EXISTING HARDWARE
F1-B33	2' - 0 1/2"	7' - 0"	2"	DF	NONE	DHM		RE-USE EXISTING HARDWARE
F1-B34	2' - 0 1/2"	7' - 0"	2"	DF	NONE	DHM		RE-USE EXISTING HARDWARE
F1-B35	2' - 0 1/2"	7' - 0"	2"	DF	NONE	DHM		RE-USE EXISTING HARDWARE
F2-6	3' - 0"	7' - 0"	2"	DB	SG2	DHM		RE-USE EXISTING HARDWARE
F2-7	3' - 0"	7' - 0"	2"	DB	SG2	DHM		RE-USE EXISTING HARDWARE
F2-9	3' - 0"	7' - 0"	2"	DB	SG2	DHM		RE-USE EXISTING HARDWARE
F4-6	3' - 0"	7' - 0"	2"	DBA	SG2	DHM		RE-USE EXISTING HARDWARE
F4-7	3' - 0"	7' - 0"	2"	DB	SG2	DHM		RE-USE EXISTING HARDWARE
F4-8	3' - 0"	7' - 0"	2"	DB	SG2	DHM		RE-USE EXISTING HARDWARE
F4-9	3' - 0"	7' - 0"	2"	DB	SG2	DHM		RE-USE EXISTING HARDWARE
F6-1	3' - 0"	7' - 0"	2"	DBA	SG2	DHM		RE-USE EXISTING HARDWARE
F6-6	3' - 0"	7' - 0"	2"	DB	SG2	DHM		RE-USE EXISTING HARDWARE
F6-7	3' - 0"	7' - 0"	2"	DBA	SG2	DHM		RE-USE EXISTING HARDWARE
F6-8	3' - 0"	7' - 0"	2"	DB	SG2	DHM		RE-USE EXISTING HARDWARE
F6-9	3' - 0"	7' - 0"	2"	DB	SG2	DHM		RE-USE EXISTING HARDWARE
F6-21	3' - 0"	7' - 0"	2"	DBA	SG2	DHM		RE-USE EXISTING HARDWARE
F6-24	3' - 0"	7' - 0"	2"	DB	SG2	DHM		RE-USE EXISTING HARDWARE
F20-23	3' - 0"	7' - 0"	2"	DB	SG2	DHM		RE-USE EXISTING HARDWARE
F22-23	3' - 0"	7' - 0"	2"	DB	SG2	DHM		RE-USE EXISTING HARDWARE



31 METAL WALL PANEL DETAIL
A3.2 SCALE: 1 1/2" = 1'-0"



32 METAL WALL PANEL BASE DETAIL
A3.2 SCALE: 1 1/2" = 1'-0"

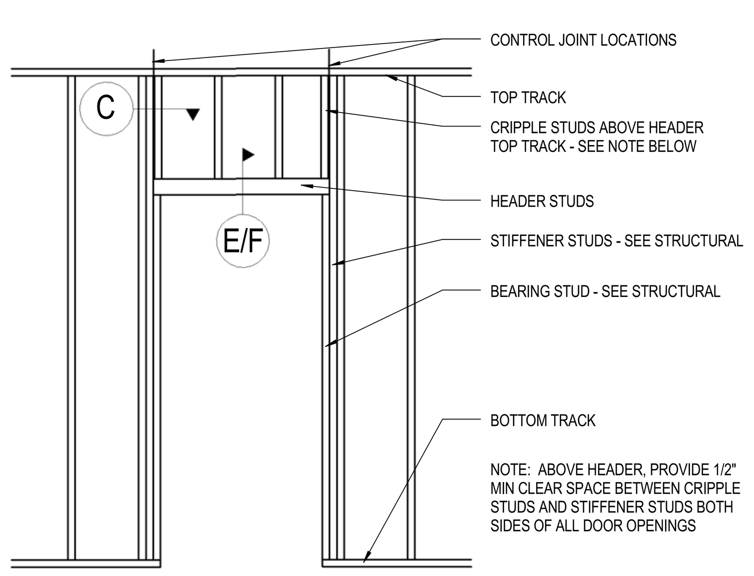
DOOR NOTES

A. ACCESSIBLE DOORS SHALL BE 3'-0" x 6'-8" MINIMUM AND SHALL BE LATCHLESS WITH PUSH BAR(S) OR PUSH PLATE(S) OR SHALL HAVE LEVER HANDLE, PUSH-PULL OR PANIC TYPE BAR (S). DOOR HARDWARE MOUNTING, THRESHOLD, FLOOR ELEVATION CHANGES, AND CLEAR SPACE REQUIREMENTS SHALL COMPLY WITH DETAILS AND CBC 11B-404. DOOR OPENINGS SHALL PER CBC 11B 404.2.3, A CLEAR WIDTH OF 32 INCHES 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. SEE FLOOR PLAN FOR DOOR SWING.

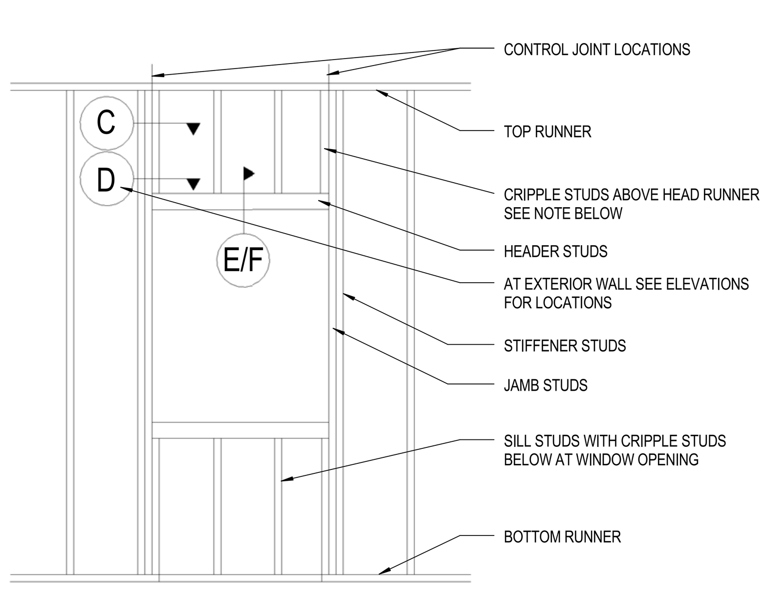
B. MAXIMUM EFFORT TO OPERATE INTERIOR DOORS IS TO BE 5 POUNDS; FOR EXTERIOR AND INTERIOR DOORS, 5 POUNDS; FOR REQUIRED FIRE DOORS, WHERE THEY OCCUR, 15 POUNDS. MAXIMUM EFFORT TO OPERATE THE DOOR MAY BE INCREASED TO THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY AND /OR ENFORCEMENT AGENCY, NOT TO EXCEED 15 LBS. EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT ANY SPECIAL KNOWLEDGE OR EFFORT.

C. THRESHOLDS, IF PROVIDED SHALL COMPLY WITH 11B-404.2.5 AND CHANGES IN LEVEL AT DOORWAYS SHALL COMPLY WITH SECTIONS 11B-302 AND 11B-303.

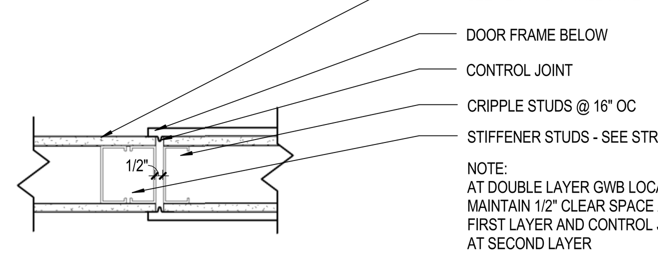
D. CLOSING SPEED SHALL COMPLY WITH 11B-404.2.8. DOOR CLOSERS AND GATE CLOSING SPEED FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS MINIMUM. DOOR AND GATE SPRING HINGES SHALL BE ADJUSTED SO TAHT FROM OPEN POSITION OF 70 DEGREES, THE DOOR OR GATE SHALL MOVE TO THE CLOSED POSITION IN 1.5 SECONDS MIN.



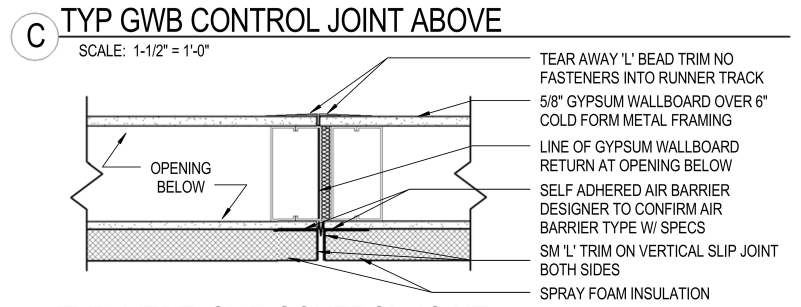
A TYP METAL STUD FRAMING AT DOOR OPENING
NO SCALE



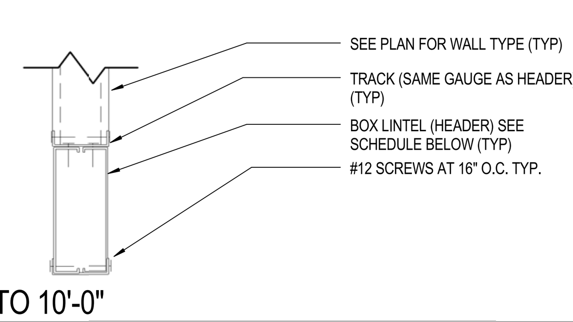
B TYP. METAL STUD FRAMING AT FRAME OPENING
NO SCALE



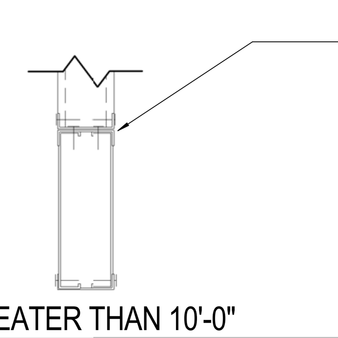
C TYP GWB CONTROL JOINT ABOVE
SCALE: 1-1/2" = 1'-0"



D TYP. VERT. SLIP CONTROL JOINT
SCALE: 1-1/2" = 1'-0"



E SPAN UP TO 10'-0"



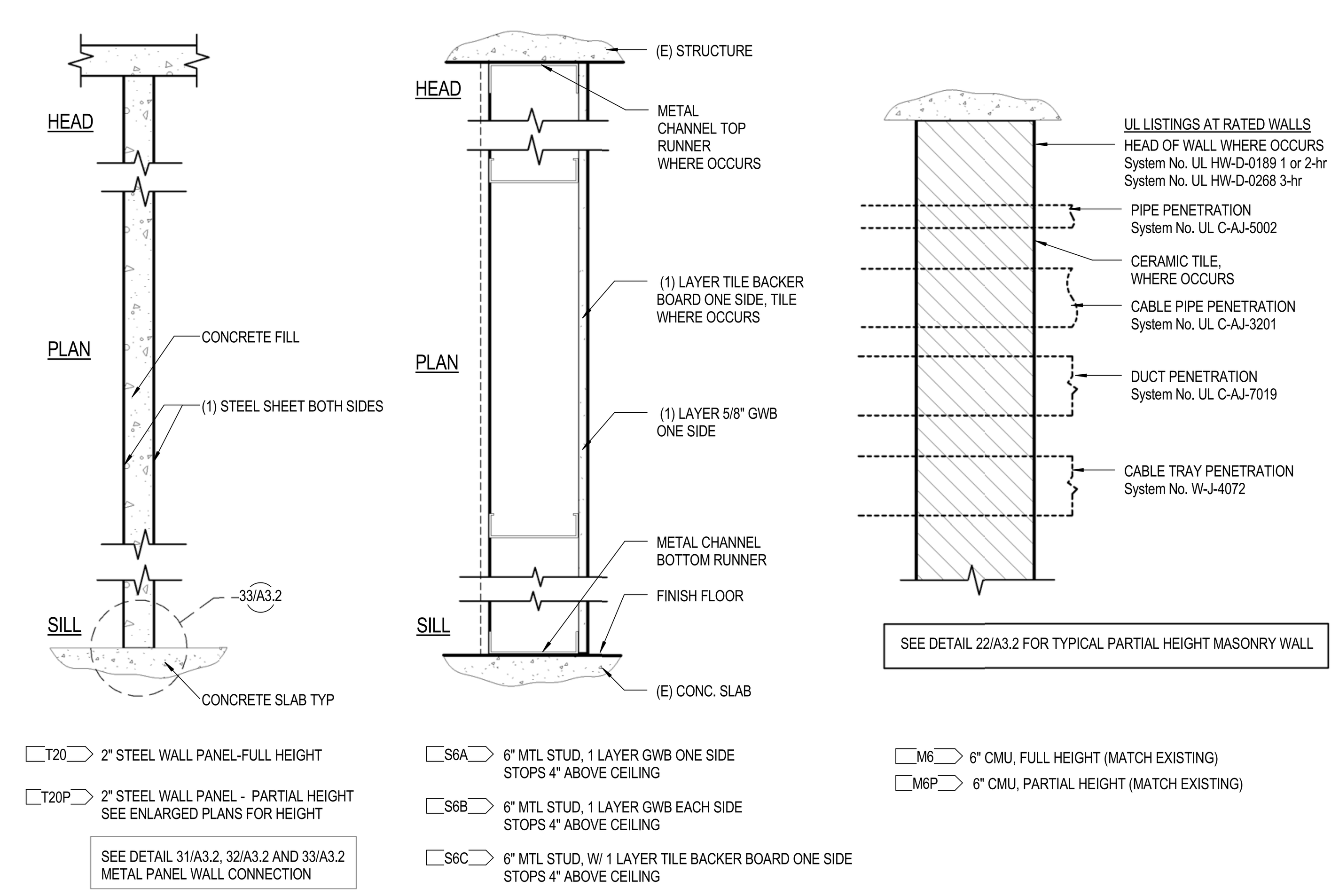
INTERIOR HEADER SCHEDULE

OPENING WIDTH	FRAMING MEMBERS
0' TO 5'-0"	TWO - 3-5/8" x 20 GA
5'-1" TO 10'-0"	TWO - 8" x 20 GA
10'-1" TO 15'-0"	TWO - 10" x 20 GA

NOTE:
1. HEADER SHALL BE UNPUNCHED AND OF THE SIZE AND GAUGE LISTED.
2. SEE STRUCTURAL DETAILS FOR OPENINGS OVER 15'-1".

F SPAN GREATER THAN 10'-0"

51 TYP. GWB CONTROL JOINT DETAILS AT DOOR FRAMES
A3.2 SCALE: 1 1/2" = 1'-0"

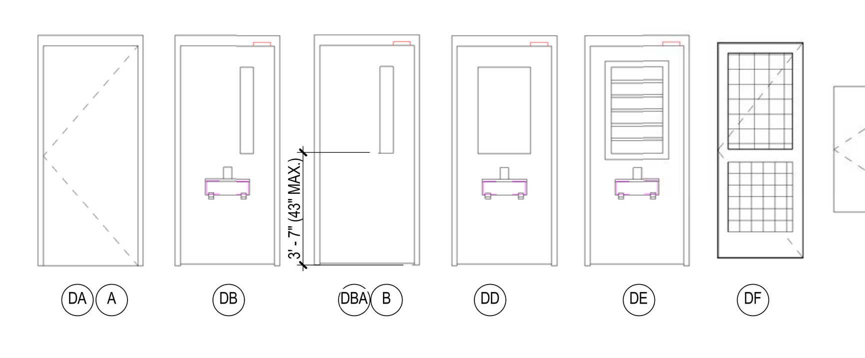


T20 2" STEEL WALL PANEL-FULL HEIGHT
T20P 2" STEEL WALL PANEL - PARTIAL HEIGHT SEE ENLARGED PLANS FOR HEIGHT
SEE DETAIL 31/A3.2, 32/A3.2 AND 33/A3.2 METAL PANEL WALL CONNECTION
S6A 6" MTL STUD, 1 LAYER GWB ONE SIDE STOPS 4" ABOVE CEILING
S6B 6" MTL STUD, 1 LAYER GWB EACH SIDE STOPS 4" ABOVE CEILING
S6C 6" MTL STUD, W/ 1 LAYER TILE BACKER BOARD ONE SIDE STOPS 4" ABOVE CEILING
M6 6" CMU, FULL HEIGHT (MATCH EXISTING)
M6P 6" CMU, PARTIAL HEIGHT (MATCH EXISTING)
FIELD VERIFY EXISTING CONDITIONS

53 TYPICAL WALL TYPES
A3.2 SCALE: 1 1/2" = 1'-0"

COMMERCIAL DOOR

NUMBER	DOOR WIDTH	HEIGHT	THICKNESS	TYPE	GLAZING	FRAME MATERIAL	FIRE RATING	COMMENTS
104B	2' - 0"	7' - 0"	1 3/4"	A		HM	20 MIN	
113	2' - 0"	7' - 0"	1 3/4"	A		HM	20 MIN	
114A	3' - 0"	7' - 0"	1 3/4"	A		HM	20 MIN	
117A	2' - 0"	7' - 0"	1 3/4"	A		HM	20 MIN	
1001	2' - 6"	7' - 0"	1 3/4"	A		HM		
1122	3' - 0"	7' - 0"	1 3/4"	A		HM	20 MIN	
1122C	3' - 0"	7' - 0"	1 3/4"	B	CTG	HM		
1122D	3' - 0"	7' - 0"	1 3/4"	B	CTG	HM		
1123	3' - 0"	7' - 0"	1 3/4"	A		HM		



DOOR TYPE A= CHASE DOORS AND TOILET ROOMS

DOOR TYPE "D"= DETENTION DOOR

FIELD VERIFY DOOR TYPE AT CELL HOUSING

FIELD VERIFY DOOR TYPE AT CELL HOUSING

@ SOBERING CELL #524A- OPHU-PROVIDE SOUTHERN FOLGERS 214 CUP PULL AT INMATE SIDE

@ TRANSFER CELL #531A OPHU-PROVIDE SOUTHERN FOLGERS 214 CUP PULL HARDWARE AT INMATE SIDE

@DORMS

EXISTING SHOWER DOOR WITH NEW HARDWARE- SOUTHERN FOLGERS 214 CUP PULL HARDWARE

CONSTRUCTION DOCUMENTS

5325 BRODER BLVD.
DUBLIN, CA 94568

DOOR SCHEDULE, WALL TYPES AND DETAILS
ALAMEDA CO. - SANTA RITA JAIL

LICENSED ARCHITECT
ANDREW M. CUPPLES
C-25255
06/30/2019
STATE OF CALIFORNIA

A3.2
75-17108-00
09-22-2017
Revisions

DLR Group
Architecture Engineering Planning Interiors

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PLUMBING FIXTURE SCHEDULE

MARK	FIXTURE	VENT	H.W.	C.W.	WASTE CONNECTION	REMARKS
WC-1	WATER CLOSET (FLOOR MTD, ADA)	2"	-	1-1/2"	3" MIN	KOHLER K-4325 KINGSTON ELONGATED TOILET BOWL. WALL MOUNTED. 1.28 GPF. INSTALL PER ADA REQUIREMENTS AT 17"-19" TOP OF TOILET SEAT.
C-1	COMBY UNIT (ADA)	2"	1/2"	1"	4"	ACORN PENAL-WARE 1432ALAR SERIES, ADA 2010 COMPLIANT - LAV/TOILET COMBY - ANGLED TOILET BOWL - ANGLED LAVY. OPTIONS : -2-BPH-03-0M-PBH-1.28 GPH-LW1-CO1-FVT-PC-TWE-SW
C-2	COMBY UNIT (ADA)	2"	1/2"	1"	4"	ACORN PENAL-WARE 1449 SERIES, ADA 2010 COMPLIANT - LAV/TOILET COMBY - OFFSET TOILET BOWL. OPTIONS : LO/RO (SEE PLANS FOR LEFT OR RIGHT OFFSET)3-BPH-03-0M-PBH-1.28 GPF-LWE-CO1-FVT-TWE-DMB-SW
C-3	WATER CLOSET (FLOOR MTD, INMATE, ADA)	2"	1/2"	1"	4"	ACORN PENAL-WARE 1695 SERIES, - SIPHON JET TOILET - FLOOR MOUNTED OPTIONS : W-1.28-GPF-HPS-FVT-ADA-SW
SH-1	SHOWER (INMATE, ADA)	2"	1/2"	1"	2"	ACORN PENAL-WARE 1741ADAFA SERIES, FRONT ACCESS ADA COMPLIANT. OPTONS: 03-M-PBH- CSH-F-1.4GPM-FH
SH-2	SHOWER (INMATE, ADA)	2"	1/2"	1"	2"	ACORN PENAL-WARE 1741ADA SERIES, PENAL-PAK WALL SHOWER- ADA COMPLIANT. OPTONS: 04-M-PBH- CSH-F-1.4GPM-FH
FD-1	FLOOR DRAIN (FOR SH-1 & SH-2)	1-1/2"	-	TP	2"	ZURN PRISON CELL FLOOR DRAIN. MODEL Z355. DURA-COATED CAST IRON BODY WITH SIDE OUTLET, INTEGRAL TRAP, ANCHOR FLANGE AND ADJUSTABLE NICKLE BRONZE SLOTTED STRANER SECURED WITH SPANNER TYPE VANDAL PROOF SCREWS.
L-1	LAVATORY (WALL HUNG, ADA)	1-1/2"	1/2"	1/2"	2"	KOHLER KINGSTON WALL MOUNTED BATHROOM SINK MODEL-K-2005. VITREOUS CHINA, K-8998 P-TRAP.
SL-1	LAVATORY (WALL HUNG, INMATE, ADA)	1-1/2"	1/2"	1/2"	2"	ACORN PENAL-WARE LR1652-1-03-M. 18" LAV WITH OVAL BOWL, ADA 2010 COMPLIANT.
DF-1	DRINKING FOUNTAIN (ADA)	1-1/2"	-	1/2"	2"	ACORN LR1672-1-BPH-3-PBH. LIGATURE RESISTANCE., WALL MOUNTED, NO REFRIGERATION. (2) UNITS TO BE INSTALLED IN A HI-LOW CONFIGURATION, (1) UNIT AT ADA REQUIRED HEIGHT.
BF-1	BOTTLE FILLER - HOT WATER	1-1/2"	1/2"	-	2"	MURDOCK MBF3-A001 MODIFIED SEMI-RECESSED BOTTLE FILLER, MODIFIED TO ACCOMODATE CHRONOMITE WATER HEATER, EWH-1, DEADBOLT LOCK, 14 GAGE TYPE 304.
EWH-1	ELECTRIC INSTANT-FLOW WATER HEATER	1-1/2"	1/2"	1/2"	-	CHRONOMITE SLR-15/277, 15 A, 277 V, 4150 W. TO BE FURNISHED WITH BOTTLE FILLER BF-1.

NOTES:
1. SEE FLOOR PLAN AND DIAGRAMS FOR SIZES.
2. UNLESS NOTED OTHERWISE ON FLOOR PLANS OR DIAGRAMS.
3. REFER TO SECTION 224600 FOR PLUMBING FIXTURE SPECIFICATIONS.

DIFFUSER, REGISTER & GRILLE SCHEDULE

MARK NO.	MODULE SIZE	TYPE	MARK & MODEL	OPERATING CFM RANGE	NECK SIZE (IN)	MAX S.P. (IN.WG)	NECK MAX VELOCITY (FPM)	MAX NC	AIR THROW 4-WAY 150/100/50 FPM		MATERIAL	NOTES
									MIN	MAX		
CD-10	12" x 12"	CEILING MOUNT	TITUS MODULAR CORE, MODEL MCD-AA	75-200	6" x 6"	0.053	800	25	3.00/3.75/6.00	5.25/6.75/9.75	ALUM	1, 2, 3
MSGS-01	8" x 8"	MAXIMUM SECURITY GRILLE	TITUS SG-SD	0-100	6"x6"	0.08	400	25	-	-	STEEL	4
	12" x 12"	MAXIMUM SECURITY GRILLE	TITUS SG-SD	101-300	10"x10"	0.08	400	25	-	-	STEEL	4
	14" x 14"	MAXIMUM SECURITY GRILLE	TITUS SG-SD	301-400	12"x12"	0.08	400	25	-	-	STEEL	4
MSGE-01	8" x 8"	MAXIMUM SECURITY GRILLE	TITUS SG-SD	0-100	6"x6"	0.08	400	25	-	-	STEEL	4
	12" x 12"	MAXIMUM SECURITY GRILLE	TITUS SG-SD	101-300	10"x10"	0.08	400	25	-	-	STEEL	4
	14" x 14"	MAXIMUM SECURITY GRILLE	TITUS SG-SD	301-400	12"x12"	0.08	400	25	-	-	STEEL	4
RETURN / EXHAUST AIR GRILLES												
R-01	12.5" x 12.5"	CEILING MOUNT	TITUS 350 FL	0-415	10" x 10"	0.053	700	25	N/A	N/A	ALUM	-
R-02	24" x 24"	LAY-IN	TITUS 350 FL	255-1540	20" x 20"	0.073	600	23	N/A	N/A	ALUM	-
R-03	48" x 24"	LAY-IN	TITUS 350 FL	550-3300	42" x 20"	0.073	600	26	N/A	N/A	ALUM	-
E-01	12" x 12"	CEILING MOUNT	TITUS AEROBLADE GRILLES-25RL	55-220	8" x 8"	0.070	600	23	N/A	N/A	ALUM	-
E-02	8" x 8"	CEILING MOUNT	TITUS AEROBLADE GRILLES-25RL	0-100	6" x 6"	0.006	300	10	N/A	N/A	ALUM	-

GENERAL NOTES:
1. SEE PLANS FOR LOCATIONS AND ACTUAL CFM.
2. CONTRACTOR SHALL COORDINATE MOUNTING BORDER AND FINISH WITH THE CEILING CONSTRUCTION TYPE AND SURFACE COLOR PRIOR TO FURNISHING MATERIAL.
3. PROVIDE MANUAL VOLUME DAMPER IN EACH SUPPLY AND RETURN DUCT BRANCH REGARDLESS IF THE DAMPER IS INDICATED ON DRAWINGS OR NOT.
4. PROVIDE WITH MANUFACTURER'S 3/16" ⌀ HOLE FACE PLACE

PIPE SCHEDULE

SERVICE	LOCATION	TYPE 'K' COPPER	TYPE 'L' COPPER	NO-HUB CAST IRON	SCH. 40 BLACK STEEL	SCH. 40 GALV. STEEL	POLYETHYLENE					FITTINGS (REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION)
WATER	ABOVE GROUND		o									LEAD FREE SOLDERED JOINTS AND FITTINGS
	BELOW GROUND	o										LEAD FREE SOLDERED JOINTS AND FITTINGS
SOIL, WASTE, STORM DRAIN	ABOVE FLR			o								PROVIDE TYLER 2-BAND NO-HUB COUPLINGS
	BELOW FLR			o								PROVIDE TYLER 4-BAND NO-HUB COUPLINGS
VENT	ABOVE FLR			o								PROVIDE TYLER 2-BAND NO-HUB COUPLINGS
	BELOW FLR			o								PROVIDE TYLER 2-BAND NO-HUB COUPLINGS
CONDENSATE DRAIN	INSIDE		o									95-5 SOLDERED FITTINGS
	OUTSIDE		o									95-5 SOLDERED FITTINGS
GAS	INSIDE				o							SCH. 40 THREADED FITTINGS
	OUTSIDE					o						SCH. 40 THREADED FITTINGS
	BELOW GRADE						o					SOLVENT WELD FITTINGS

PIPING MATERIALS

PLUMBING NOTATION

PIPE SIZES SHOWN ON THE DRAWINGS CAN BE FOLLOWED BY PIPE SIZING CRITERIA. THIS CRITERIA CAN EITHER BE SQUARE FOOTAGE (FOR STORM DRAIN PIPING), FIXTURE UNIT VALUES (FOR DOMESTIC WATER PIPING, SANITARY WASTE PIPING, AND SANITARY VENT PIPING) OR IN THOUSAND'S OF BTUH - MBH (FOR NATURAL GAS PIPING). THE FOLLOWING LEGEND WILL AID IN UNDERSTANDING THE DRAWINGS.

FOR EXAMPLE:

1. 12" SD (32,000 SF): THIS IS A 12" STORM DRAIN PIPE CARRYING 32,000 SQUARE FEET OF ROOF AREA.
2. 3" CW (200 CFU): THIS IS A 3" COLD WATER PIPE CARRYING 200 COLD WATER FIXTURE UNITS.
3. 2" HW (50 HFU): THIS IS A 2" HOT WATER PIPE CARRYING 50 HOT WATER FIXTURE UNITS.
4. 1" HWR (5.0 GPM): THIS IS A 1" HOT WATER RECIRCULATING PIPE CARRYING 5.0 GALLONS PER MINUTE FLOW.
5. 4" W (150 WFU): THIS IS A 4" SANITARY WASTE PIPE CARRYING 150 WASTE FIXTURE UNITS.
6. 2" V (20 VFU): THIS IS A 2" SANITARY VENT PIPE CARRYING 20 VENT FIXTURE UNITS.
8. 1-1/4" G (600 CFH): THIS IS A 1-1/4" NATURAL GAS PIPE CARRYING 600,000 CFH.

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GENERAL NOTES

1. DRAWINGS AND SPECIFICATIONS: THE MECHANICAL DRAWINGS INDICATE THE GENERAL DESIGN AND ARRANGEMENT OF PIPES, EQUIPMENT, SYSTEMS, ETC. INFORMATION SHOWN IS DIAGRAMMATIC IN CHARACTER AND DOES NOT NECESSARILY INDICATE EVERY REQUIRED OFFSET, FITTING, ETC. DO NOT SCALE DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS AND EQUIPMENT TO BE FURNISHED FOR DIMENSIONS, MEASUREMENTS, EQUIPMENT LOCATIONS, LEVELS, ETC. REFER TO DIV. 21,22 OR 23 SPECIFICATIONS (OR SPECIFICATIONS ON DRAWINGS).
2. CONFER AND COORDINATE WITH OTHER TRADES AND THEIR WORK. COORDINATE CEILING CAVITY SPACE CAREFULLY WITH OTHER TRADES. BRING ANY CONFLICTS TO THE ATTENTION OF THE ARCHITECT/ENGINEER.
3. BASE FINAL INSTALLATION OF MATERIALS AND EQUIPMENT ON ACTUAL DIMENSIONS AND CONDITIONS AT THE PROJECT SITE. FIELD MEASURE FOR MATERIALS OR EQUIPMENT REQUIRING EXACT FIT.
4. THE CONTRACTORS SHALL PROVIDE THE GENERAL CONTRACTOR WITH THE EXACT LOCATIONS AND SIZES OF ACCESS DOORS, WALL OPENINGS, CONCRETE SLEEVES OR ANY OTHER CONSTRUCTION REQUIREMENTS NEEDED TO ACCOMMODATE THE MECHANICAL EQUIPMENT. LOCATIONS OF THESE OPENINGS SHALL BE SUBMITTED IN SUFFICIENT TIME TO BE INSTALLED IN THE NORMAL COURSE OF WORK. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR LOCATING CONCRETE SLEEVES IN INTERIOR GRADE BEAMS FOR ALL PIPING HUNG IN CRAWL SPACE.
5. ALL DIMENSIONS SHOWN ON THE DRAWINGS FOR DUCTWORK ARE INSIDE CLEAR DIMENSIONS. SEE SPECIFICATIONS FOR INSULATION OR LINER REQUIRED FOR DUCT SYSTEMS. VERIFY THAT THE DUCTWORK SPECIFIED WILL FIT IN THE CEILING SPACE AVAILABLE USING THE ARCHITECTURAL, STRUCTURAL AND ELECTRICAL DRAWINGS AS REFERENCE PRIOR TO FABRICATION AND INSTALLATION.
6. THE MECHANICAL DESIGN AND COORDINATION WITH OTHER TRADES SUCH AS, BUT NOT LIMITED TO, ARCHITECTURAL, ELECTRICAL AND STRUCTURAL, IS BASED ON THE CHARACTERISTICS OF EQUIPMENT MANUFACTURED BY THOSE COMPANIES SPECIFICALLY LISTED IN THE SCHEDULES AND ON THE DRAWINGS. ANY AND ALL COSTS ASSOCIATED WITH CHANGES DUE TO THE USE OF OTHER MANUFACTURES EQUIPMENT, INCLUDING MANUFACTURERS LISTED IN THE APPROVED MANUFACTURERS LIST IN THE SPECIFICATIONS, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THESE CHANGES SHALL INCLUDE, BUT NOT BE LIMITED TO, AMPERAGE AND VOLTAGE CHANGES, ACCESS SPACE REQUIREMENTS, PIPING CHANGES, STRUCTURAL MODIFICATIONS, AND SPACE REQUIRED FOR PLACEMENT OF EQUIPMENT.
7. ALL BRANCH DUCTWORK TO DIFFUSERS, REGISTERS, AND GRILLES SHALL BE THE SAME SIZE AS THE DIFFUSER NECK UNLESS NOTED OTHERWISE.
8. ALL DUCTWORK AND PIPING SHALL BE RESTRAINED AS SHOWN ON THE DRAWINGS OR PER SMACNA SEISMIC RESTRAINT MANUAL, LATEST EDITION AND PER LOCAL CODES. A COPY OF THE SMACNA SEISMIC RESTRAINT MANUAL AND LOCAL CODES SHALL BE KEPT AT THE PROJECT SITE DURING CONSTRUCTION FOR REFERENCE.
9. UNLESS SPECIFICALLY SHOWN ON THE DRAWINGS, NO STRUCTURAL MEMBER MAY BE CUT, DRILLED OR NOTCHED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE THE ARCHITECT. NO DUCT PENETRATIONS SHALL BE MADE IN NEW OR EXISTING BEARING OR SHEAR WALLS UNLESS SPECIFICALLY SHOWN ON DRAWINGS AND COORDINATED WITH STRUCTURAL ENGINEER AND ARCHITECT.
10. MANUAL VOLUME DAMPERS SHALL BE INSTALLED ON ALL SUPPLY AND EXHAUST AIR BRANCH DUCTS REGARDLESS IF THEY ARE SHOWN ON THE DRAWING OR NOT. DAMPER SHALL BE INSTALLED IN AN ACCESSIBLE LOCATION UNLESS EXISTING TO REMAIN, AND AS CLOSE TO BRANCH TAKEOFF AS POSSIBLE.
11. THE MECHANICAL CONTRACTOR SHALL PROVIDE FIELD SHOP DRAWINGS FOR ARCHITECT/ENGINEER REVIEW PRIOR TO FABRICATION AND INSTALLATION. SHOP DRAWINGS SHALL BE PREPARED TO INDUSTRY STANDARD, SHOWING ELEVATION HEIGHTS OF ALL NEW AND EXISTING EQUIPMENT. ALL SHOP DRAWINGS SHALL BE COORDINATED WITH ALL OTHER TRADES. ROUTING AND AND STRUCTURAL CONFLICTS SHALL BE RESOLVED PRIOR TO SUBMISSION.
12. THE CONTRACTOR SHALL CONDUCT PRETEST OF ALL AIR DISTRIBUTION DEVISES INVOLVES IN REMODELING.

GENERAL PLUMBING NOTES

1. GENERAL NOTES APPLY TO ALL DRAWINGS.
2. PLUMBING PLANS INDICATE THE GENERAL DESIGN AND ARRANGEMENT OF PIPES, DUCTWORK, EQUIPMENT, SYSTEMS, ETC. DO NOT SCALE DRAWINGS. INFORMATION SHOWN IS DIAGRAMMATIC IN CHARACTER AND DOES NOT NECESSARILY INDICATE EVERY REQUIRED OFFSET, FITTING AND EXISTING CONDITION. LOCATION OF THESE ITEMS MAY BE ADJUSTED CONDITIONAL UPON THE SATISFACTORY COMPLIANCE WITH ALL OTHER REQUIREMENTS.
3. THE PLUMBING DESIGN AND COORDINATION WITH OTHER TRADES SUCH AS, BUT NOT LIMITED TO, ARCHITECTURAL, ELECTRICAL AND STRUCTURAL, IS BASED ON THE CHARACTERISTICS OF EQUIPMENT MANUFACTURED BY THOSE COMPANIES SPECIFICALLY LISTED IN THE SCHEDULES AND ON THE DRAWINGS. ANY AND ALL COSTS ASSOCIATED WITH CHANGES DUE TO THE USE OF OTHER MANUFACTURES EQUIPMENT, INCLUDING MANUFACTURERS LISTED IN THE APPROVED MANUFACTURERS LIST IN THE SPECIFICATIONS, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THESE CHANGES SHALL INCLUDE, BUT NOT BE LIMITED TO, AMPERAGE AND VOLTAGE CHANGES, ACCESS SPACE REQUIREMENTS, PIPING CHANGES, STRUCTURAL MODIFICATIONS, AND SPACE REQUIRED FOR PLACEMENT OF EQUIPMENT.
4. REFERENCE DIVISION 21, 22 & 23 SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
5. ALL ASPECTS OF THE WORK AND ITEMS NOT SPECIFICALLY MENTIONED, BUT WHICH ARE NECESSARY TO MAKE A COMPLETE WORKING INSTALLATION, SHALL BE INCLUDED, AND INDICATED IN THE CONTRACTORS BID.
6. PLUMBING CONTRACTOR SHALL LOCATE ALL EQUIPMENT WHICH MUST BE SERVICED, OPERATED, OR MAINTAINED IN FULLY ACCESSIBLE POSITIONS. EQUIPMENT SHALL INCLUDE (BUT NOT BE LIMITED TO) VALVES, SHOCK ABSORBERS, TRAPS, CLEANOUTS, MOTORS, CONTROLLERS, SWITCH GEAR, AND DRAIN POINTS. MINOR DEVIATIONS FROM DRAWINGS MAY BE ALLOWED TO PROVIDE FOR BETTER ACCESSIBILITY. ANY CHANGES SHALL BE APPROVED BY THE ARCHITECT/ENGINEER PRIOR TO MAKING THE CHANGE.
7. CONTRACTORS SHALL PROTECT NEW CONSTRUCTION FROM DAMAGE BY ALL TRADES. ALL SUCH DAMAGE CAUSED BY THE CONTRACTOR DURING THE COURSE OF THIS WORK SHALL BE REPAIRED OR REPLACED AT THE CONTRACTORS EXPENSE.
8. THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS ARE RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL DEBRIS GENERATED BY CONSTRUCTION OF THIS PROJECT. THE REMOVAL AND DISPOSAL OF ALL CONSTRUCTION DEBRIS SHALL BE IN FULL COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. THE PREMISES SHALL BE KEPT CLEAN AND FREE FROM ALL WASTE MATERIALS.
9. PLUMBING CONTRACTOR SHALL PROVIDE THE GENERAL CONTRACTOR WITH THE EXACT LOCATIONS AND SIZES OF ACCESS DOORS, WALL OPENINGS, ROOF OPENINGS, CONCRETE SLEEVES OR ANY OTHER CONSTRUCTION REQUIREMENTS NEEDED TO ACCOMMODATE THE PLUMBING EQUIPMENT. LOCATIONS OF THESE OPENINGS SHALL BE SUBMITTED IN SUFFICIENT TIME TO BE INSTALLED IN THE NORMAL COURSE OF WORK.
10. PLUMBING CONTRACTOR IS RESPONSIBLE FOR LOCATING CONCRETE SLEEVES IN INTERIOR GRADE BEAMS FOR ALL PIPING HUNG IN CRAWL SPACE. THIS WORK SHALL BE DONE PRIOR TO POURING OF GRADE BEAMS.
11. PLUMBING CONTRACTOR SHALL COORDINATE ALL PLUMBING CHASE SIZES WITH GENERAL CONTRACTOR.
12. THE PLUMBING CONTRACTOR SHALL COORDINATE CUT-OUTS FOR CASEWORK, MILLWORK, OR OTHER EQUIPMENT AS REQUIRED WITH THE GENERAL CONTRACTOR.
13. PLUMBING CONTRACTOR SHALL COORDINATE SIZES AND LOCATIONS OF CONCRETE HOUSEKEEPING PADS WITH THE PLUMBING EQUIPMENT SUPPLIERS AND GENERAL CONTRACTOR.
14. FLOOR SPOT ELEVATIONS ARE SHOWN THUS: 0'-0". ARCHITECTURAL FINISH FLOOR ELEVATIONS 0'-0" EQUALS ACTUAL SITE REFERENCE OF FINISH FLOOR.
15. NO ASBESTOS OR PCB CONTAINING MATERIALS SHALL BE USED ON THIS PROJECT.
16. SEE CODE PLAN SHEETS FOR LOCATIONS OF RATED WALLS WHERE APPLICABLE.
17. COORDINATE THE LOCATION OF FIRE RATED & SMOKE AND RATED WALLS PRIOR TO ORDER AND INSTALLATION OF DAMPERS.
18. WALL OPENINGS FOR FIRE DAMPERS SHALL BE FRAMED AS REQUIRED BY THE FIRE DAMPER MANUFACTURER'S RECOMMENDATIONS. COORDINATE WITH GENERAL CONTRACTOR.
19. ALL WALL PENETRATIONS AT RATED WALL LOCATIONS REQUIRED FOR PIPES, CONDUIT, DUCTWORK, ETC. SHALL BE SEALED TO STOP PASSAGE OF FIRE AND / OR SMOKE WITH FIRE SAFING AND APPROVED FIRESTOPPING SEALANT AS DETAILED BY INSTALLED MANUFACTURERS RECOMMENDATIONS BY THE GENERAL CONTRACTOR. THE PLUMBING CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR ALL WALL PENETRATIONS FOR CORRECT SIZES.
20. ALL MATERIALS PLACED IN PLENUMS SHALL COMPLY WITH IMC 602.2.1 TO BE NON-COMBUSTIBLE OR HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 50.
21. REFER TO ARCHITECTURAL DRAWINGS AND EQUIPMENT TO BE FURNISHED FOR DIMENSIONS; MEASUREMENTS, EQUIPMENT LOCATIONS, LEVELS, ETC.
22. ALL CONTRACTOR'S ARE RESPONSIBLE FOR FIELD VERIFICATION OF ALL DIMENSIONS AND FIELD CONDITIONS PRIOR TO ORDERING OR INSTALLING MATERIALS OR EQUIPMENT.
23. BASE FINAL INSTALLATION OF MATERIALS AND EQUIPMENT ON ACTUAL DIMENSIONS AND CONDITIONS AT THE PROJECT SITE. FIELD MEASURE FOR MATERIALS OR EQUIPMENT REQUIRING EXACT FIT.
24. ALL DIMENSIONS SHOWN ON THE DRAWINGS FOR DUCTWORK ARE INSIDE CLEAR DIMENSIONS. SEE SPECIFICATIONS FOR INSULATION OR LINER REQUIRED FOR DUCT SYSTEMS. VERIFY THAT THE DUCTWORK SPECIFIED WILL FIT IN THE CEILING SPACE AVAILABLE USING THE ARCHITECTURAL, STRUCTURAL AND ELECTRICAL DRAWINGS AS REFERENCE PRIOR TO FABRICATION AND INSTALLATION.
25. ALL PLUMBING AND PLUMBING SYSTEMS SHALL BE CONCEALED WITHIN WALLS, UNDERGROUND, ABOVE CEILINGS OR IN ARCHITECT AND ENGINEER APPROVED UTILITY SPACES IN ALL CASES UNLESS SPECIFICALLY NOTED OTHERWISE ON THE DRAWINGS. EXPOSED ITEMS MUST BE LOCATED IN AREAS APPROVED BY THE ARCHITECT AND ENGINEER. EXPOSED ITEMS SHALL BE INSTALLED AND FINISHED TO PROVIDE MINIMAL VISUAL IMPACT. ALL EXPOSED ITEMS ARE TO BE PAINTED TO MATCH THE ADJACENT SURFACES UNLESS SCHEDULED FOR AN ACCENT COLOR.
26. CONFER AND COOPERATE WITH OTHER TRADES AND COORDINATE THE WORK WITH THEIRS. COORDINATE CEILING CAVITY SPACE CAREFULLY WITH OTHER TRADES. BRING ANY CONFLICTS TO THE ATTENTION OF THE ARCHITECT/ENGINEER
27. WHERE CEILING SPACE IS USED AS A RETURN AIR PLENUM. FOLLOW ALL APPLICABLE CODES AS TO MATERIALS ALLOWED FOR USE IN AIR PLENUMS. COORDINATE WITH THE GENERAL CONTRACTOR TO PROVIDE FREE RETURN OF AIR FROM ALL LOCATIONS.
28. PLUMBING CONTRACTOR IS TO PROVIDE AS INDICATED OR REQUIRED ADEQUATE RETURN AIR OUT OF ALL SPACES BACK TO THE APPROPRIATE AIR HANDLING UNIT. REFERENCE ARCHITECTURAL DRAWINGS FOR LOCATION OF FULL HEIGHT WALLS INCLUDING SECURITY AND FIRE SEPARATION WALLS. PROVIDE THE GENERAL CONTRACTOR WITH LOCATIONS AND DIMENSIONS OF ALL REQUIRED RETURN AIR OPENINGS. PROVIDE FIRE/SMOKE DAMPERS, FIRE DAMPERS & SMOKE DAMPERS AS REQUIRED BY TYPE OF CONSTRUCTION. RETURN AIR VELOCITY THROUGH OPENINGS SHALL NOT EXCEED 750 FEET PER MINUTE.
29. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF DIFFUSERS AND GRILLES.
30. PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL 2" X 10" CONTINUOUS WOOD BLOCKING IN STUD PARTITIONS FOR ANCHORAGE OF WALL ATTACHED ITEMS, INCLUDING BUT NOT LIMITED TO, WALL MOUNTED FIXTURES.
31. CONTRACTOR SHALL PROVIDE FOR EXPANSION OF PIPING. USE EXPANSION LOOPS, ANCHORS, GUIDES, EXPANSION JOINTS, ETC. AS INDICATED OR REQUIRED.
32. ALL CONDENSATE DRAIN PIPES ARE TO BE INSULATED TYPE "M" COPPER PIPE WITH WROUGHT COPPER FITTINGS. SLOPE CONDENSATE DRAINS PIPES AT 1/8" PER FOOT MINIMUM.
33. SLOPE ALL STORM DRAIN PIPING 4" AND LARGER @ 1/8" PER MINIMUM. SLOPE ALL STORM DRAIN PIPING 3" AND SMALLER @ 1/4" PER FOOT MINIMUM.
34. SLOPE ALL SOIL PIPING 4" AND LARGER @ 1/8" PER MINIMUM. SLOPE ALL SOIL PIPING 3" AND SMALLER @ 1/4" PER FOOT MINIMUM.
35. OFFSET SOIL & ROOF DRAINAGE PIPING BELOW FLOOR SLAB TO AVOID FOOTING PENETRATIONS WHERE IMPOSSIBLE TO AVOID FOOTINGS SLEEVE PIPE PENETRATIONS PER STRUCTURAL DRAWINGS AND SPECIFICATIONS.
36. PROVIDE VIBRATION ISOLATORS FOR MOTOR DRIVEN PLUMBING EQUIPMENT UNLESS SPECIFICALLY NOTED OTHERWISE. SEE SCHEDULES AND/OR SPECIFICATIONS FOR TYPES AND SIZES REQUIRED. OTHERWISE, PROVIDE ISOLATION AS RECOMMENDED BY THE EQUIPMENT MANUFACTURER.
37. PLUMBING AND PLUMBING EQUIPMENT, PIPING, OR ACCESSORIES THAT DO NOT SERVE ELECTRICAL EQUIPMENT ROOMS MAY NOT ENTER OR PASS THROUGH THE SPACE. REFERENCE NATIONAL ELECTRICAL CODE PROVISIONS FOR CONSTRUCTION OF ELECTRICAL ROOMS.
38. PLUMBING AND PLUMBING EQUIPMENT, PIPING, OR ACCESSORIES THAT DO NOT SERVE ELECTRONICS EQUIPMENT ROOMS ARE TO AVOID ENTERING OR PASSING THROUGH THE SPACE.

PLUMBING LEGEND & ABBREVIATIONS

PLUMBING

CW — DOMESTIC COLD WATER
DOMESTIC COLD WATER
110 HW — 110°F DOMESTIC HOT WATER
140 HW — 140°F DOMESTIC HOT WATER
DOMESTIC HOT WATER (GENERIC)
110 HWR — 110°F DOMESTIC HOT WATER RECIRULATING
140 HWR — 140°F DOMESTIC HOT WATER RECIRCULATING
DOMESTIC HOT WATER RECIRC (GENERIC)
NG — GAS
CD — CONDENSATE DRAIN
SD — STORM DRAIN ABOVE FLOOR
SD — STORM DRAIN BELOW FLOOR
OSD — OVERFLOW STORM DRAIN ABOVE FLOOR
OSD — OVERFLOW STORM DRAIN ABOVE FLOOR
W — SANITARY WASTE ABOVE FLOOR
W — SANITARY WASTE BELOW FLOOR
V — VENT
VBF — VENT BELOW FLOOR
GW — GREASE WASTE BELOW FLOOR

ABBREVIATIONS

WC = WATER CLOSET
UR = URINAL
L = LAVATORY
C = COMBY UNIT
MS = MOP SINK
CS = COUNTER SINK
SH = SHOWER
EWC = ELECTRIC WATER COOLER
FD = FLOOR DRIAN
T.P. = TRAP PRIMER
WCO = WALL CLEAN OUT
CO = CLEAN OUT
FS = FLOOR SINK
AD = AREA DRAIN
FCO = FLOOR CLEAN OUT
2WGCO = 2-WAY GRADE CLEANOUT
HB = HOSE BIB
EEWS = EMERGENCY EYEWASH SHOWER
VTR = VENT THRU ROOF
CFH = CUBIC FEET HOUR
I.E. = INVERT ELEVATION
RD = ROOF DRAIN
ORD = OVERFLOW ROOD DRAIN

VALVES AND FITTINGS

CO — CLEAN OUT
WCO — WALL CLEAN OUT
FCO — FLOOR CLEAN OUT
GCO — GRADE CLEAN OUT (DOUBLE CLEAN OUT)
FLOOR DRAIN / FLOOR SINK
ROOF DRAIN / OVERFLOW ROOF DRAIN
XX — RISER ID
DOWNSPOUT NOZZLE
WALL HYDRANT
HOSE BIB
ALIGNMENT GUIDE
PIPE ANCHOR
EXPANSION JOINT
PIPE CAP
PIPE UP
PIPE DOWN
PIPE TEE, UP
PIPE TEE, DOWN
UNION
DIRECTION OF PIPE PITCH
AQUASTAT
WATER HAMMER ARRESTER
NEW TO EXISTING CONNECTION POINT
PT — PRESSURE AND TEMPURATURE TEST PORT
THERMOMETER
PUMP (GENERIC)
PRESSURE REDUCING VALVE (WATER SYSTEMS)
PRESSURE REGULATING VALVE (GAS SYSTEMS)
EXPANSION LOOP
BALANCING VALVE
FCV — BALANCING VALVE/FLOW CONTROL VALVE WITH METERING POINTS
BALL VALVE
BUTTERFLY VALVE
V — VALVE (GENERIC)
CHECK VALVE
CONCENTRIC REDUCER
ECCENTRIC REDUCER
STEAM TRAP
FLEXIBLE CONNECTION
FLOW DIRECTION
GATE VALVE
GLOBE VALVE
MANUAL AIR VENT
AUTOMATIC AIR VENT
PLUG VALVE
PRESSURE GAUGE
SOLENOID VALVE
ANGLE VALVE
AUTOMATIC CONTROL VALVE 2-WAY
AUTOMATIC CONTROL VALVE 3-WAY
AUTOMATIC FLOW CONTROL VALVE
STRAINER
RELIEF VALVE
FLOW MEASURING DEVICE
REDUCED PRESSURE ZONE BACKFLOW PREVENTER

FIRE PROTECTION

F — FIRE PROTETION WATER SUPPLY
SM — SPRINKLER MAIN
ALARM VALVE, WET
ALARM VALVE, DRY
FIRE PROTECTION RISER
FIRE DEPARTMENT CONNECTION
SPRINKLER HEAD, PENDANT
SPRINKLER HEAD, UPRIGHT
SPRINKLER HEAD, SIDE WALL
FS — FLOW SWITCH
PS — PRESSURE SWITCH
OS&Y VALVE
OS&Y VALVE (INDICATING)

MECHANICAL SYMBOLS

DUCTWORK

SUPPLY DUCT UP/DOWN
RETURN DUCT UP/DOWN
EXHAUST DUCT UP/DOWN
SUPPLY ARROW
RETURN ARROW
EXHAUST ARROW
D-1 200 — DIFFUSER INDICATION SHOWING CFM
XXX ### — EQUIPMENT TYPE DESIGNATION; BUILDING NUMBER BUILDING LEVEL EQUIPMENT NUMBER
FD — FIRE DAMPER
SD — SMOKE DAMPER
FSD — FIRE/SMOKE DAMPER
BD — BACKDRAFT DAMPER
GRAVITY DAMPER
M — MOTORIZED DAMPER
OPPOSED DAMPER
PARALLEL DAMPER
OR — VOLUME DAMPER
XXX ### — DETAIL NUMBER; SHEET NUMBER
24x12 — TYPICAL DUCT - SIZE AS INDICATED (WIDTH / DEPTH)
MITERED ELBOW WITH VANES
RADIUS ELBOW
TEE WITH VANES
TEE WITH RADIUS
ROUND DUCT UP/DOWN
SUPPLY AIR DIFFUSER
RETURN AIR GRILLE
EXHAUST GRILLE
FLEXIBLE CONNECTION
TRANSFER AIR DUCT
SA — SUPPLY AIR DUCT- SINGLE LINE
RA — RETURN AIR DUCT- SINGLE LINE
EA — EXHAUST AIR DUCT- SINGLE LINE
OA — OUTSIDE AIR DUCT- SINGLE LINE
SINGLE LINE REDUCER
SINGLE LINE FLEX DUCT
U.C. — DOOR UNDER-CUT
N.I.C. — NOT IN CONTRACT

PHASING

POINT OF CONNECTION
POINT OF DISCONNECT
24x12 (E) — EXISTING DUCTWORK TO REMAIN
24x12 (E) — EXISTING DUCTWORK TO BE DEMOLISHED
24x12 — NEW DUCTWORK

RATED WALL

(PER CBC SECTION 1018.1)
---1-FB--- 1 HOUR RATED FIRE BARRIER
---2-FB--- 2 HOUR RATED FIRE BARRIER

MECHANICAL ABBREVIATIONS

AD	ACCESS DOOR
AD	AREA DRAIN
AFF	ABOVE FINISH FLOOR
AHU	AIR HANDLING UNIT
AP	ACCESS PANEL
APD	AIR PRESSURE DROP
BDD	BACK DRAFT DAMPER
BEL	BELOW
BFF	BELOW FINISH FLOOR
BOD	BOTTOM OF DUCT
BOP	BOTTOM OF PIPE
CI	CAST IRON
CLG	CEILING
CS	COUNTER SINK
CW	COLD WATER
D	DIFFUSER
DF	DRINKING FOUNTAIN
DG	DOOR GRILLE
DMPR	DAMPER
DN	DOWN
DSD	DUCT SMOKE DETECTOR
DTR	DUCT THRU ROOF
DWG	DRAWING
(E)	EXISTING
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EF	EXHAUST FAN
ESP	EXTERNAL STATIC PRESSURE
ET	EXPANSION TANK
EWT	ENTERING WATER TEMPERATURE
EXH	EXHAUST
FCO	FLOOR CLEAN OUT
FD	FLOOR DRAIN
FLR	FLOOR
	GRILLE
HS	HAND SINK
HW	HOT WATER
HWC	HOT WATER CIRCULATION
HWR	HOT WATER RETURN
JS	JANITORS SINK
LAT	LEAVING AIR TEMPERATURE
LAV	LAVATORY
LWT	LEAVING WATER TEMPERATURE
MA	MIXED AIR
MD	MOTORIZED DAMPER
MFGR	MANUFACTURER
MSGS	MAXIMUM SECURITY GRILLE SUPPLY
MSGE	MAXIMUM SECURITY GRILLE EXHAUST
(N)	NEW
N.I.C.	NOT IN CONTRACT
NPCW	NON POTABLE COLD WATER
OA	OUTSIDE AIR
OD	OVERFLOW DRAIN
OSA	OUTSIDE AIR
OTCS	OPEN TO CEILING SPACE
PD	PRESSURE DIFFERENCE
POC	POINT OF CONNECTION
POD	POINT OF DISCONNECT
QTY	QUANTITY
RA	RETURN AIR
REL	RELIEF AIR
RD	ROOF DRAIN
RL	RAIN LEADER (OR STORM WATER)
RPBP	REDUCED PRESSURE BACKFLOW PREVENTOR
	SANITARY SEWER
SA	SUPPLY AIR
SCO	SURFACE CLEAN OUT
SD	SMOKE DETECTOR
SH	SHOWER
SM	SHEET METAL
S.O.V.	SHUT-OFF VALVE
SPPA	STRUCTURAL POLYCARBONATE PANEL ASSEMBLY
SS	SERVICE SINK
TB	TRANSFER BOOT
TD	TRENCH DRAIN
TSP	TOTAL STATIC PRESSURE
TYP.	TYPICAL
U/C	DOOR UNDERCUT (3/4" UNLESS OTHERWISE NOTED)
UNO	UNLESS NOTED OTHERWISE
UTR	UP THRU ROOF
UR	URINAL
	VENT
VAV	VARIABLE AIR VOLUME
VFD	VARIABLE FREQUENCY DRIVE
VTR	VENT THRU ROOF
W	SANITARY WASTE
WC	WATER CLOSET
WCL	WATER CLOSET / LAVATORY COMBINATION UNIT
WCO	WALL CLEAN OUT
ZCV	ZONE CONTROL VALVE

DESIGN CRITERIA

PROJECT LOCATION	PLEASANTON, CA
CALIFORNIA CLIMATE ZONE	12
PROJECT ALTITUDE (FT. ABOVE SEA LEVEL)	350
SUMMER DESIGN DRY-BULB TEMPERATURE (°F)	94
SUMMER DESIGN WET-BULB TEMPERATURE (°F)	67
WINTER DESIGN DRY BULB TEMPERATURE (°F)	24

CONSTRUCTION DOCUMENTS
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ALAMEDA CO. - SANTA RITA JAIL
5325 BRODER BLVD. DUBLIN, CA 94568

MECHANICAL & PLUMBING SYMBOLS, ABBREVIATIONS & SCHEDULE

MP0.0
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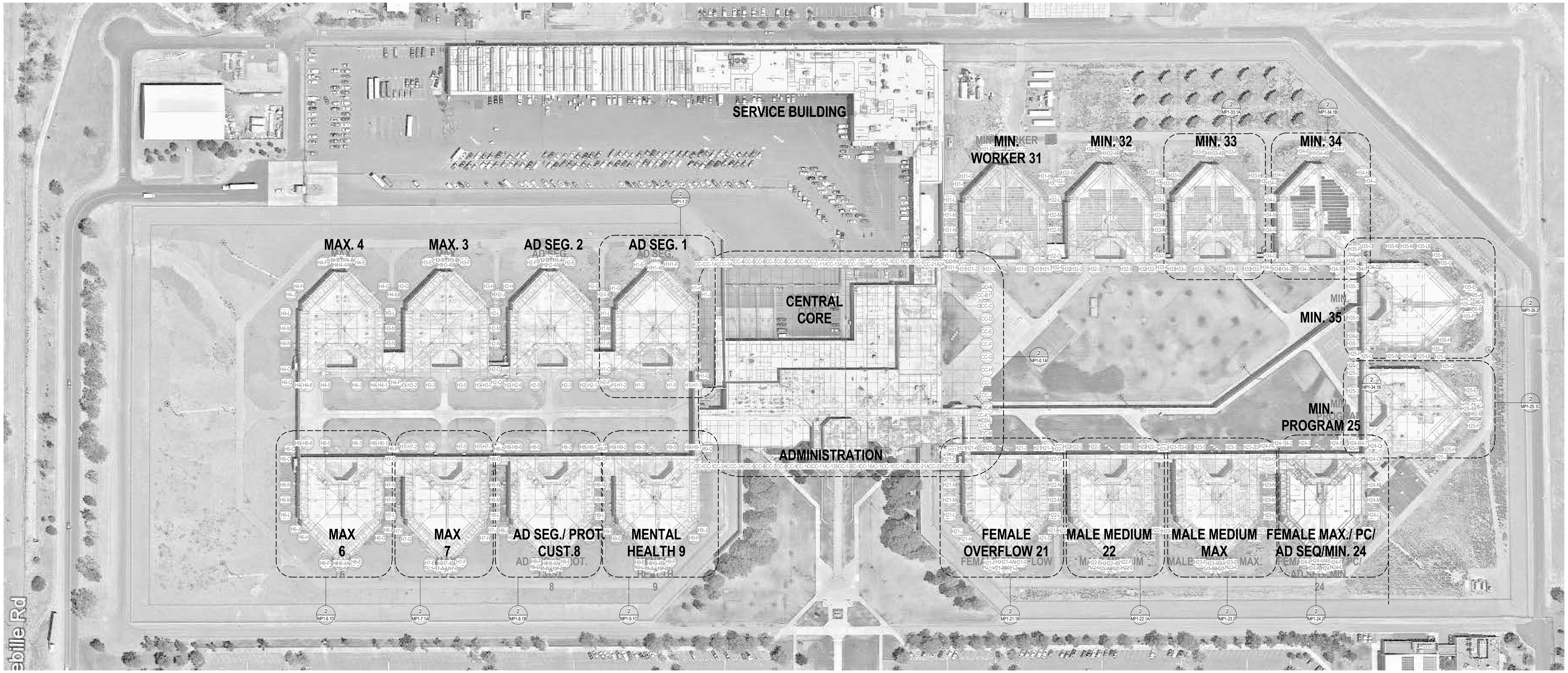

1 MS1.1 MECHANICAL SITE PLAN
SCALE: 1" = 80'-0"

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MECHANICAL SITE PLAN
ALAMEDA CO. - SANTA RITA JAIL

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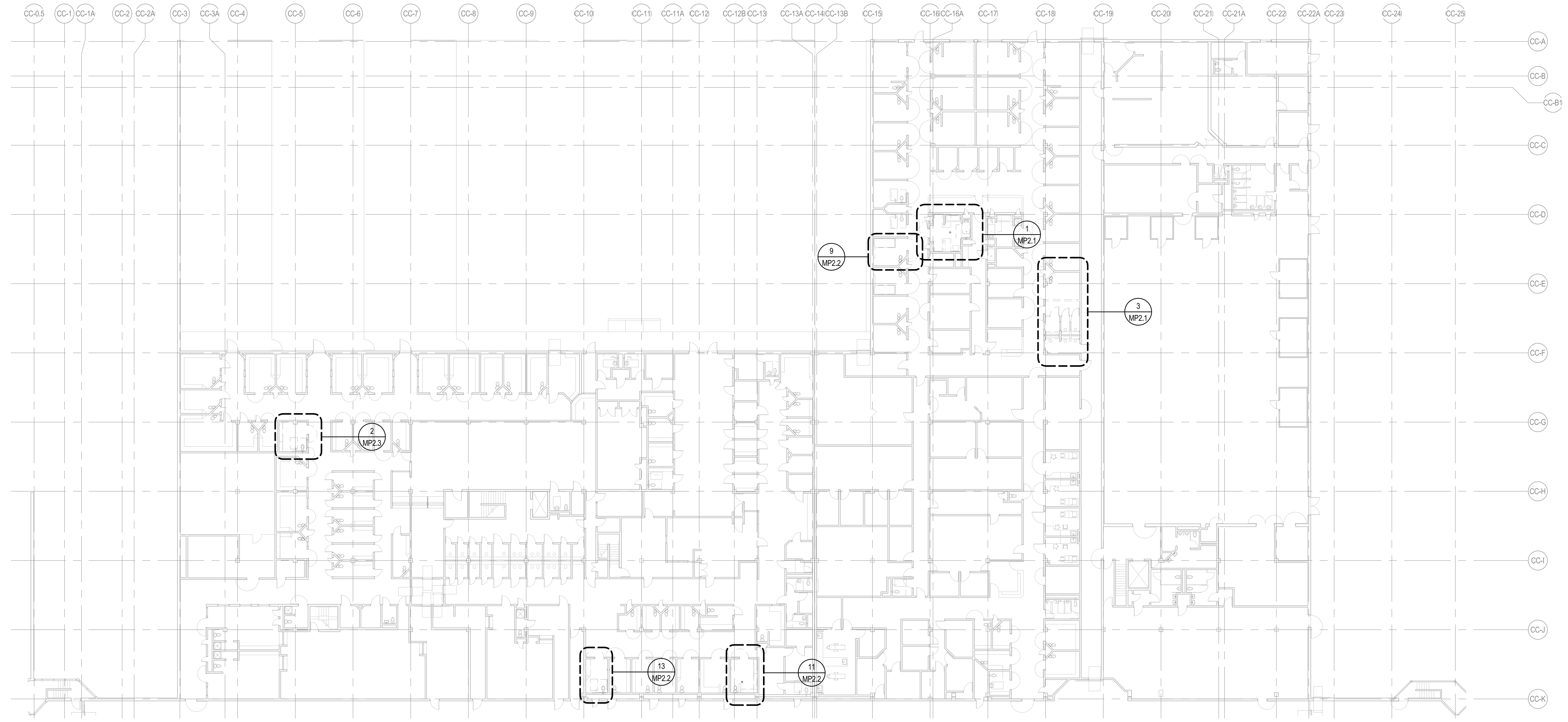
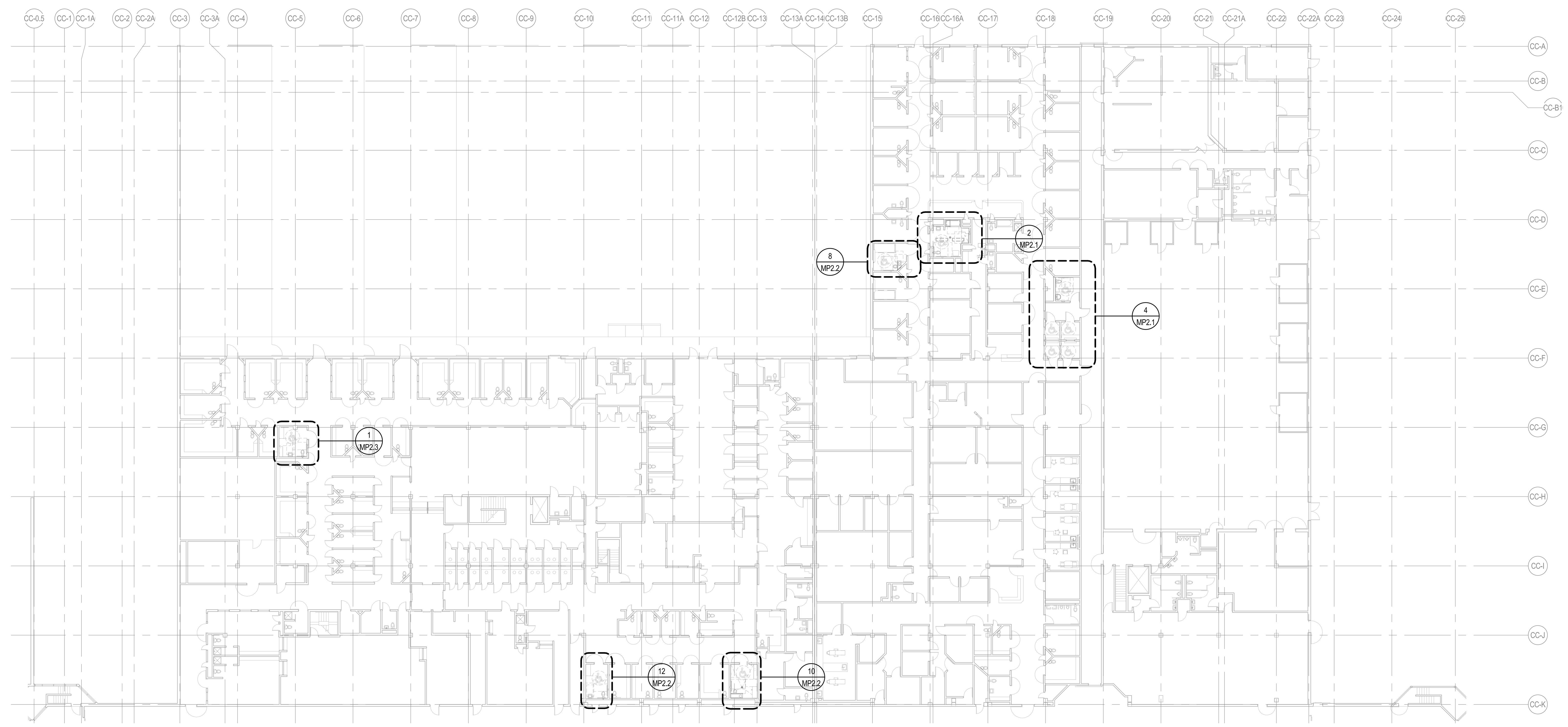
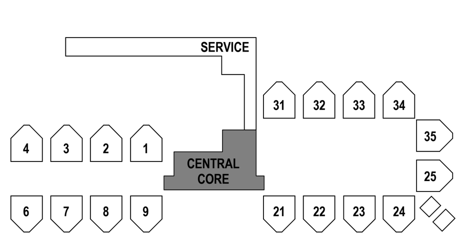


1 MP1-0.1A CENTRAL CORE - MECHANICAL & PLUMBING FLOOR PLAN
SCALE: 3/64" = 1'-0"



2 MP1-0.1A CENTRAL CORE - MECHANICAL & PLUMBING DEMO FLOOR PLAN
SCALE: 3/64" = 1'-0"



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PHASE 2

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MECHANICAL & PLUMBING DEMO & FLOOR PLAN - CENTRAL CORE
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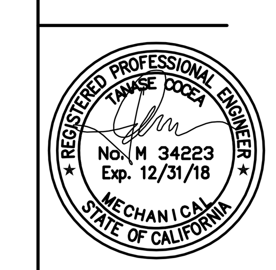

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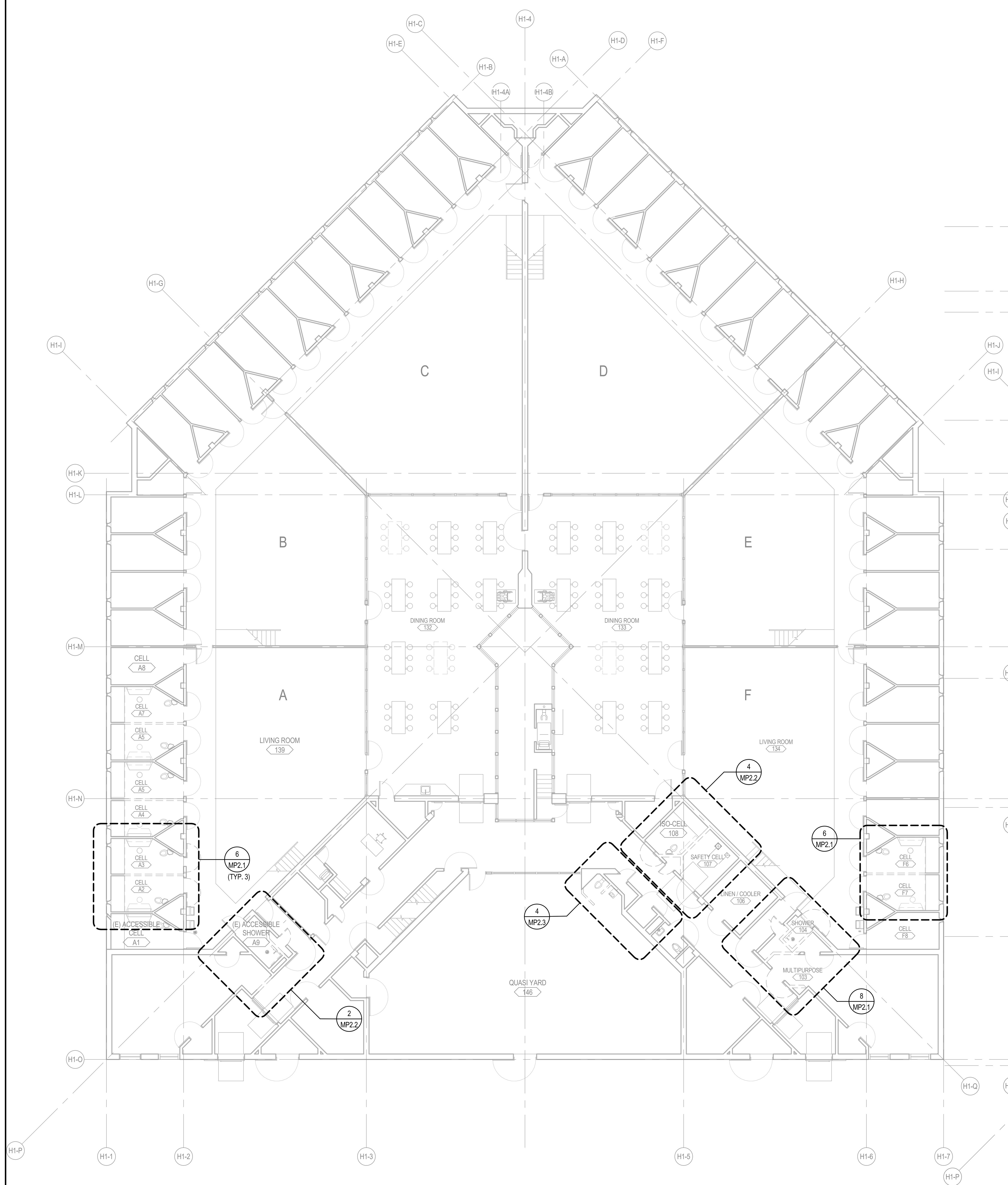
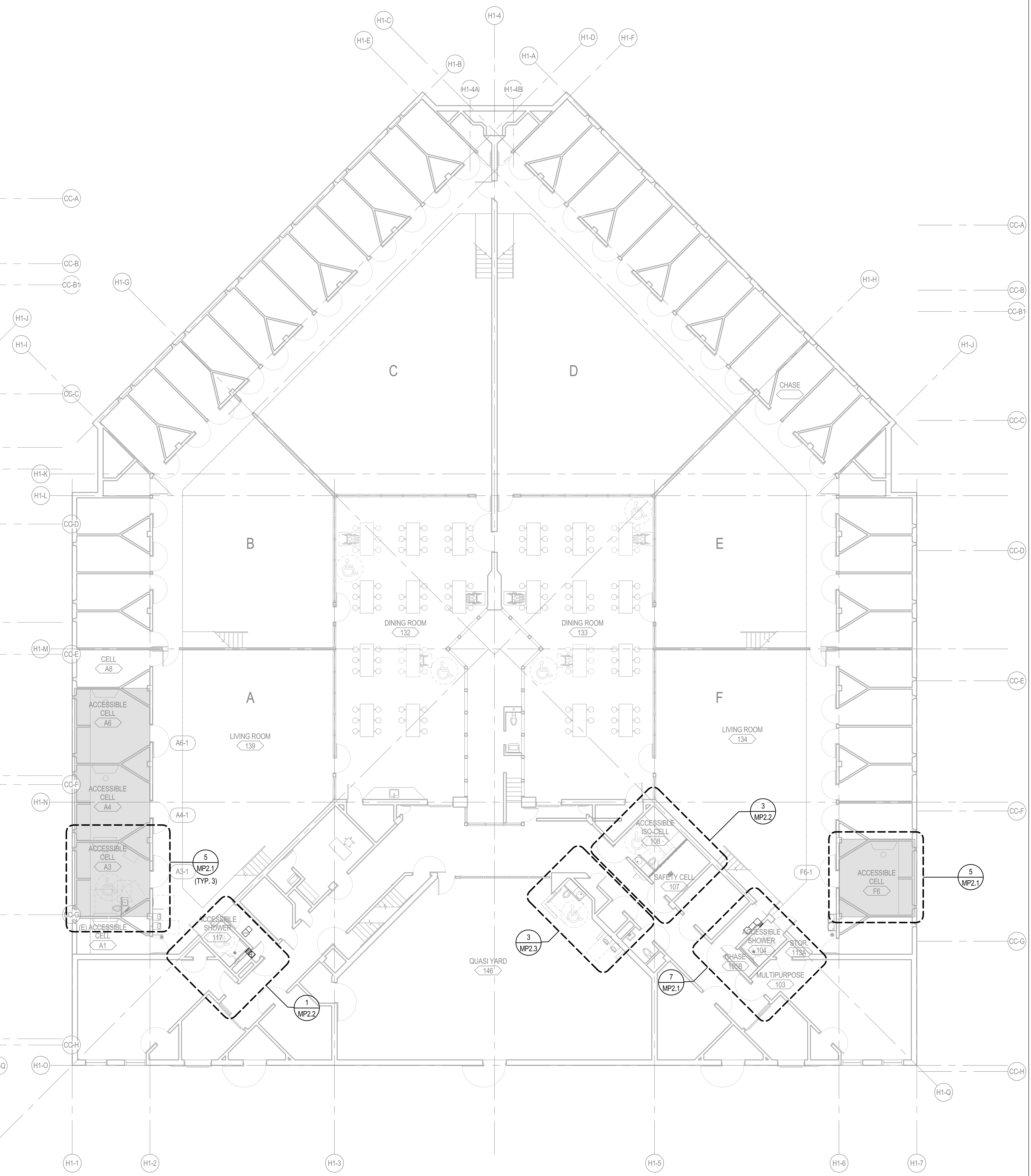
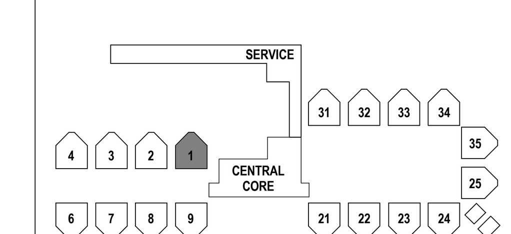
AREA OF WORK - CELLS AND DORM BEDS



1 MP1-1.2 HOUSING UNIT 1 - MECHANICAL & PLUMBING DEMO PLAN
SCALE: 3/32" = 1'-0"



2 MP1-1.2 HOUSING UNIT 1 - MECHANICAL FLOOR PLAN
SCALE: 3/32" = 1'-0"



CONSTRUCTION DOCUMENTS
PHASE 2

5325 BRODER BLVD. DUBLIN, CA 94568

MECHANICAL & PLUMBING DEMO & FLOOR PLAN - HOUSING UNIT 1
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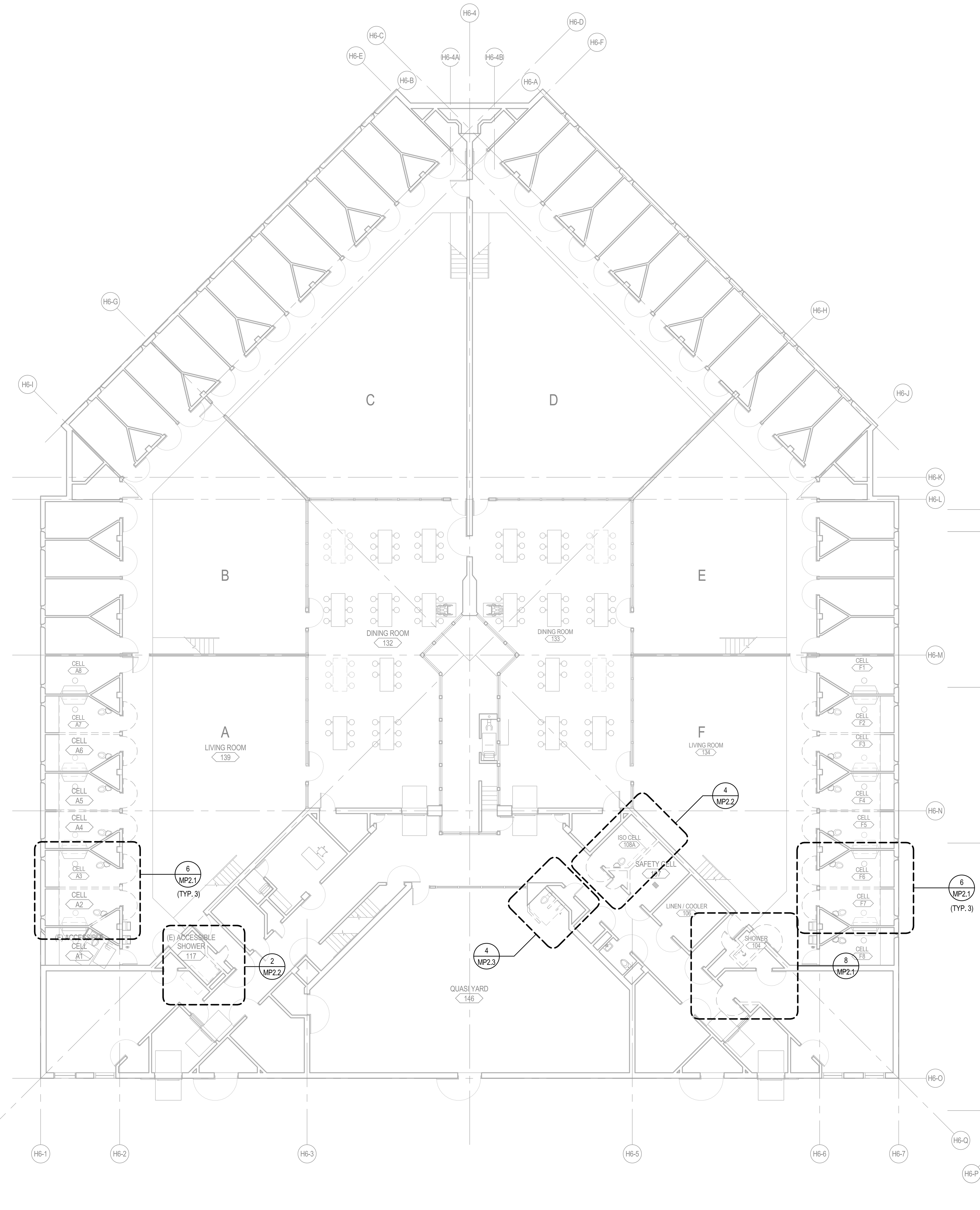
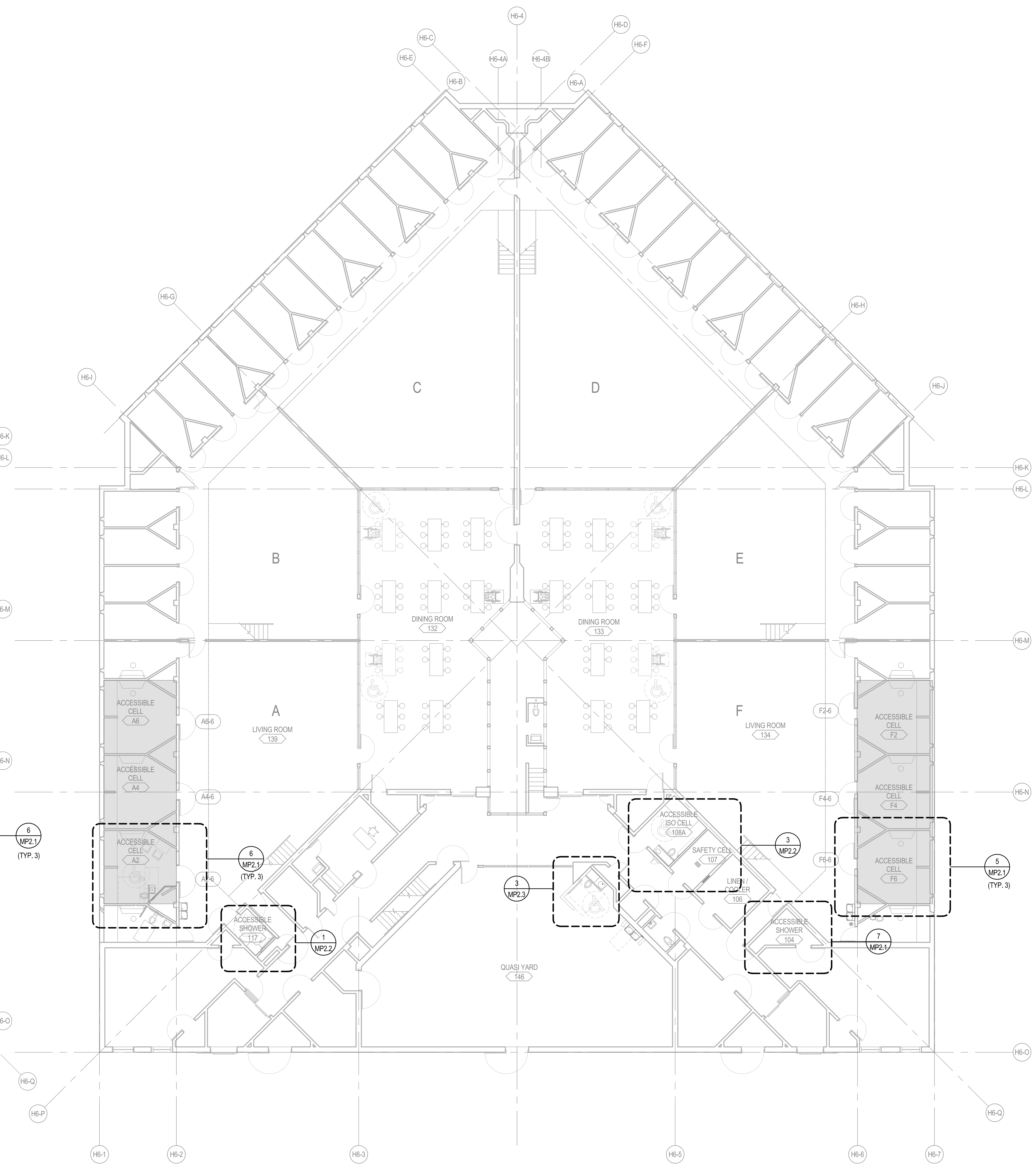


1 HOUSING UNIT 6 - MECHANICAL & PLUMBING DEMO PLAN
MP1-6.1D SCALE: 3/32" = 1'-0"



2 HOUSING UNIT 6 - MECHANICAL & PLUMBING FLOOR PLAN
MP1-6.1D SCALE: 3/32" = 1'-0"

LEGEND NOTES

LEGEND NOTES ARE COMMON TO ALL
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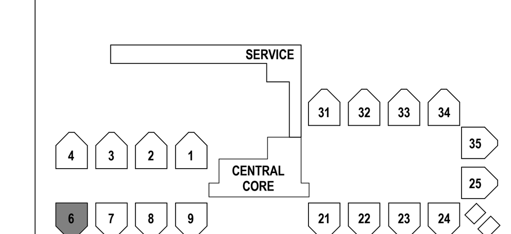
AREA OF WORK - CELLS AND DORM BEDS



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MECHANICAL & PLUMBING DEMO & FLOOR PLAN - HOUSING UNIT 6

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MP1-6.1D

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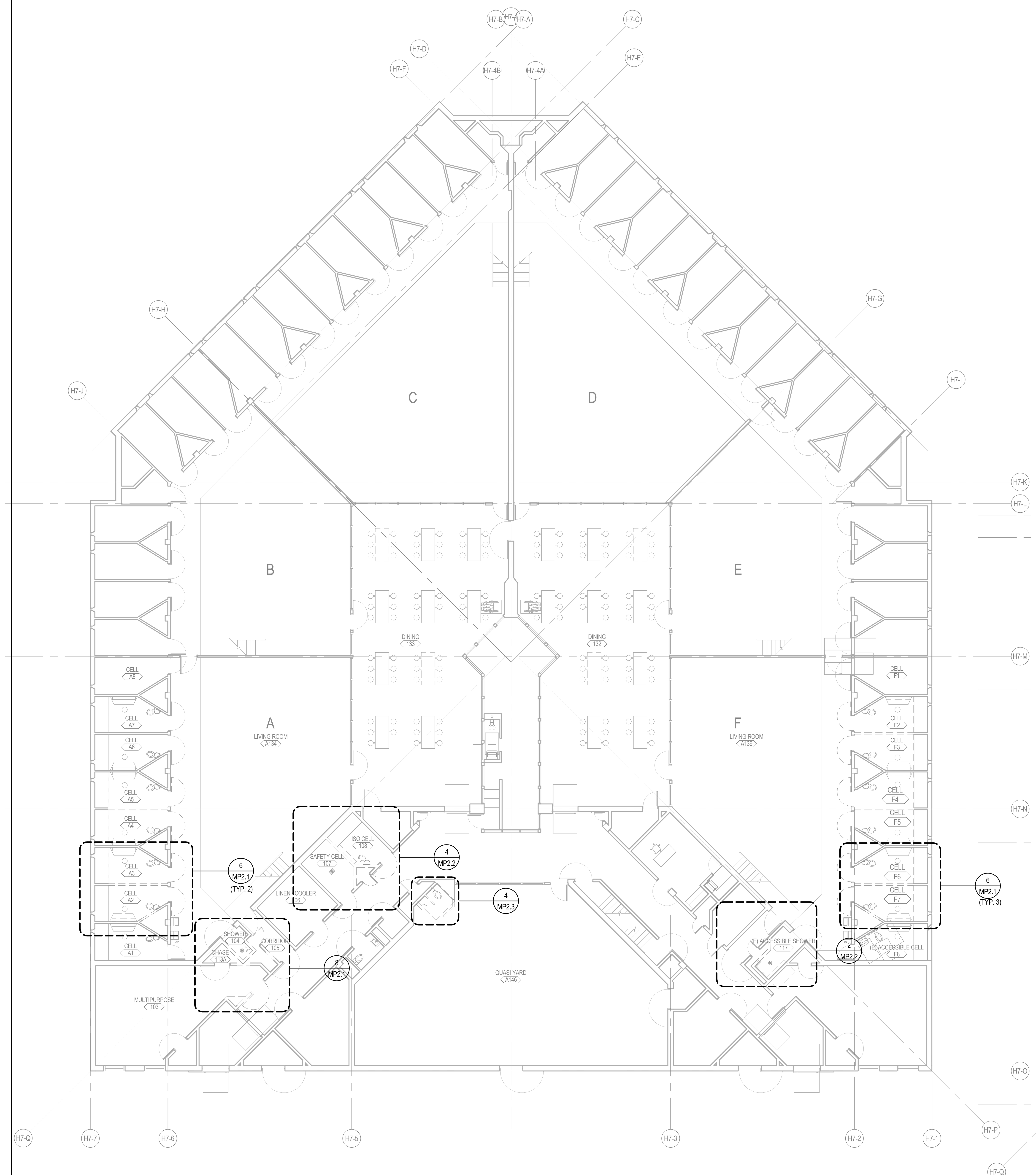
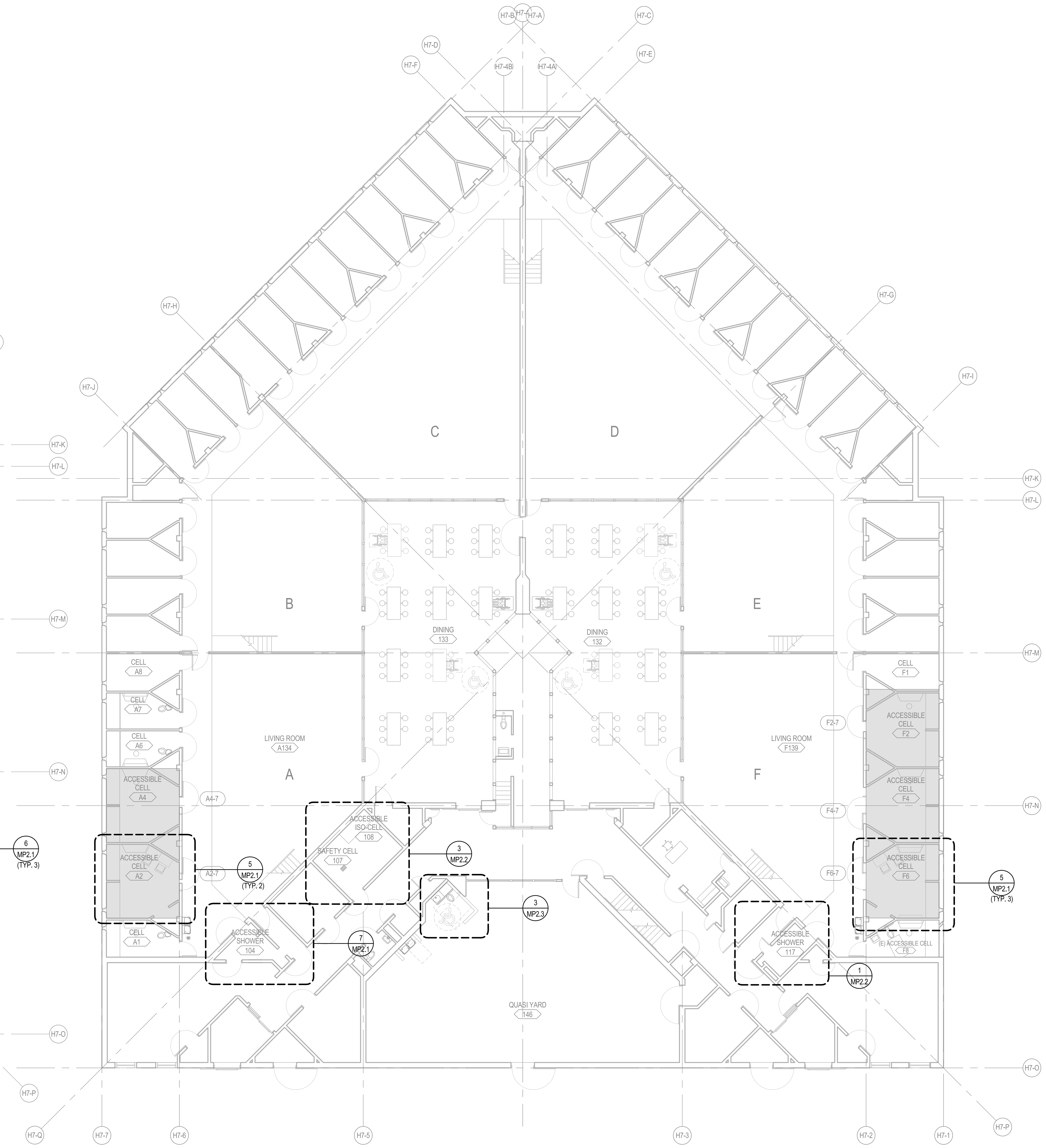


1
MP1-7.1A
HOUSING UNIT 7 - MECHANICAL & PLUMBING DEMO PLAN
SCALE: 3/32" = 1'-0"



2
MP1-7.1A
HOUSING UNIT 7 - MECHANICAL & PLUMBING FLOOR PLAN
SCALE: 3/32" = 1'-0"

LEGEND NOTES

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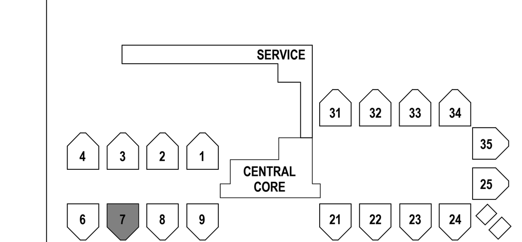
AREA OF WORK - CELLS AND DORM BEDS



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MECHANICAL & PLUMBING DEMO & FLOOR PLAN- HOUSING UNIT 7
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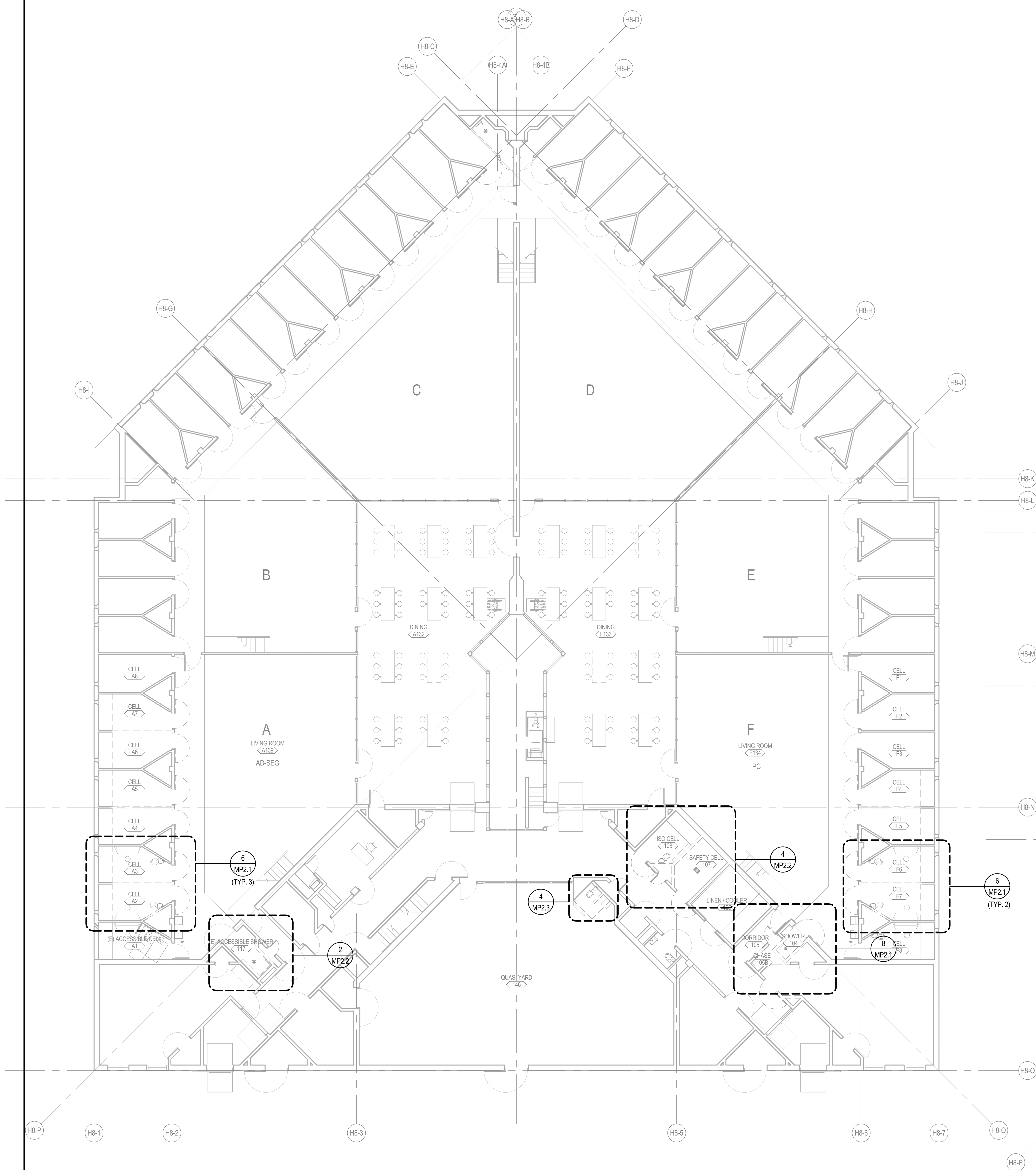
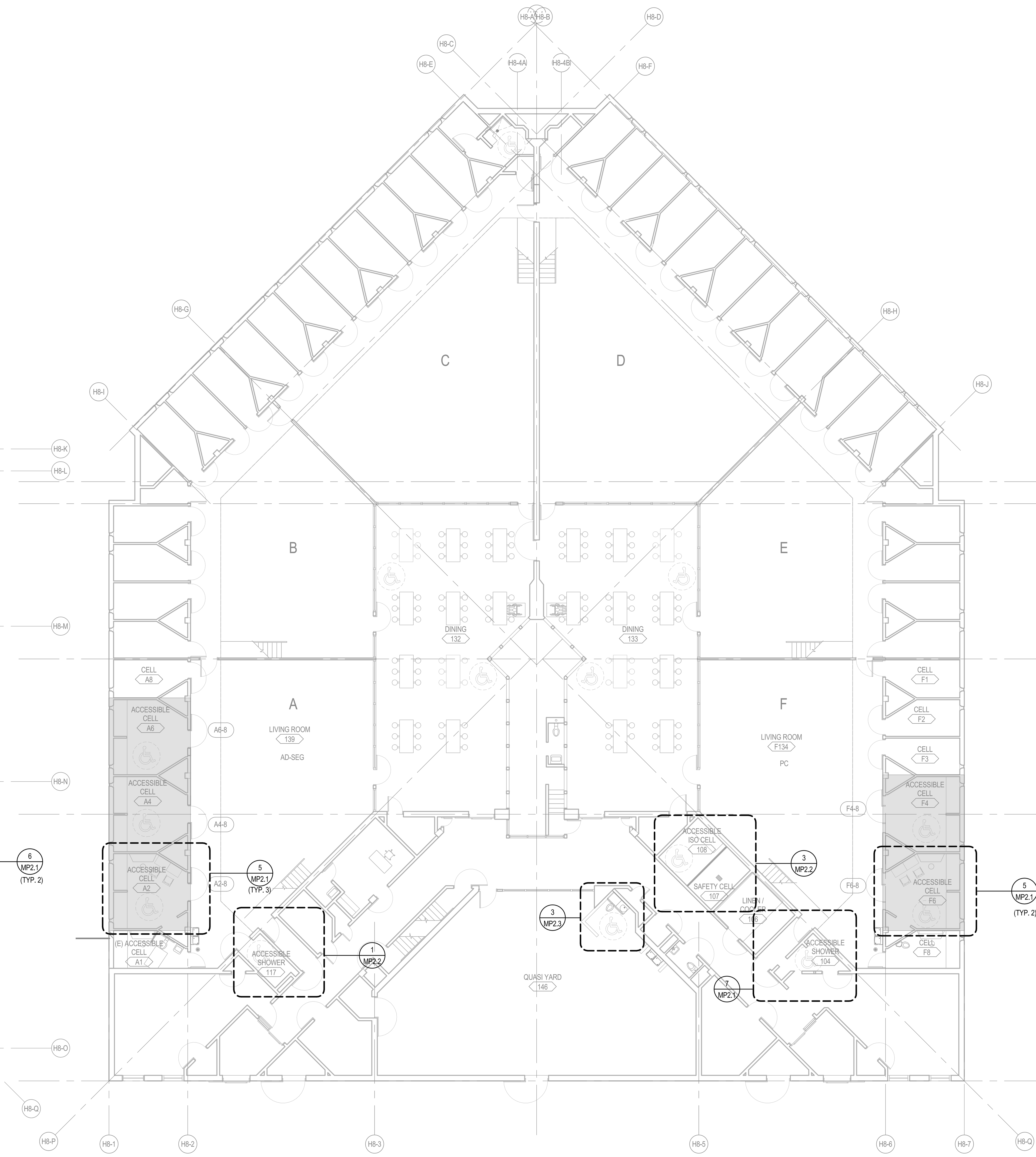
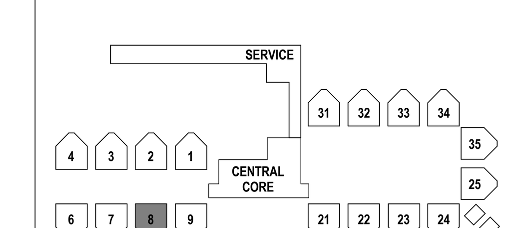


1 MP1-8.1B HOUSING UNIT 8 - MECHANICAL & PLUMBING DEMO PLAN
SCALE: 3/32" = 1'-0"



2 MP1-8.1B HOUSING UNIT 8 - MECHANICAL & PLUMBING FLOOR PLAN
SCALE: 3/32" = 1'-0"



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MECHANICAL & PLUMBING DEMO & FLOOR PLAN - HOUSING UNIT 8
ALAMEDA CO. - SANTA RITA JAIL

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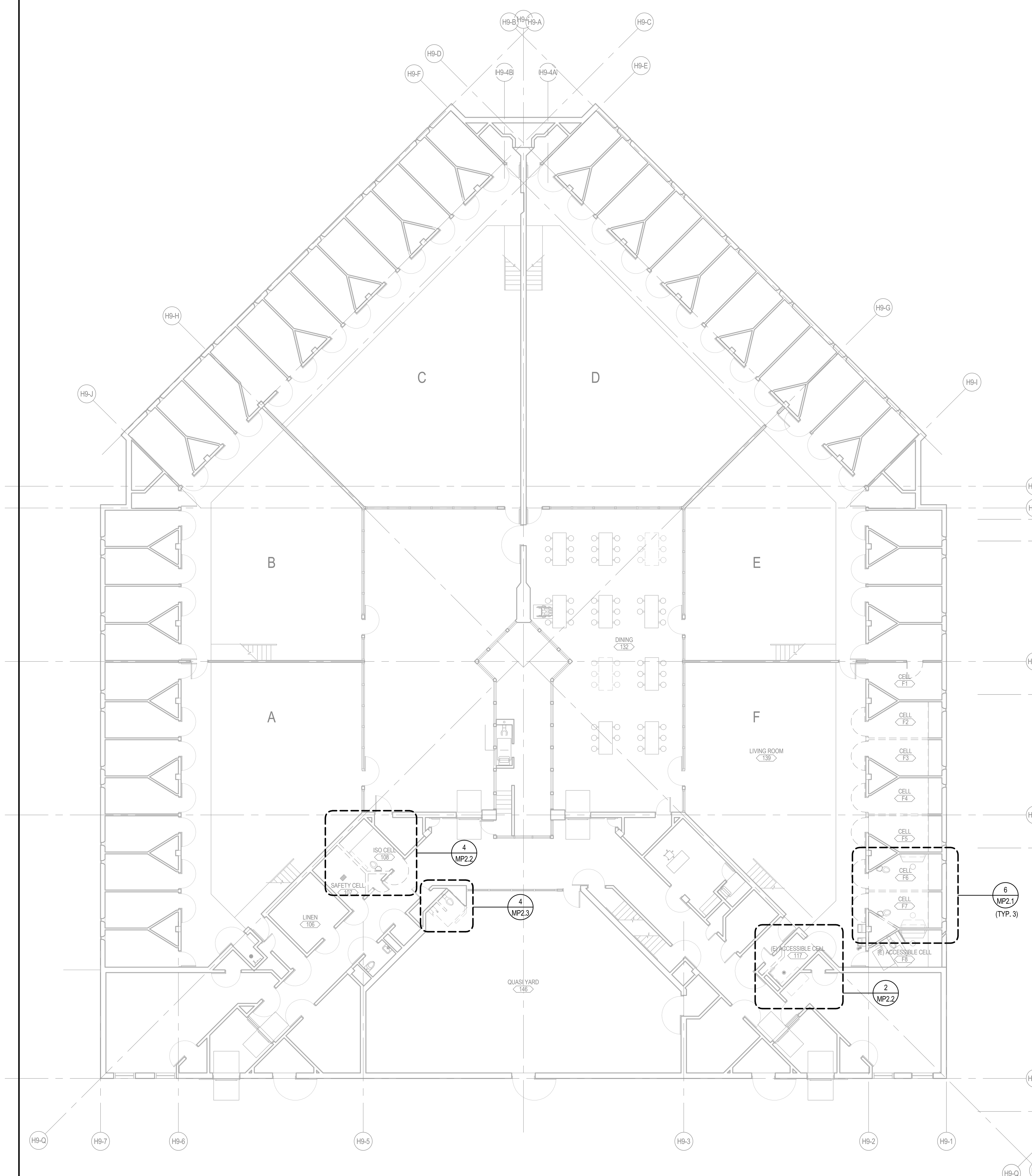
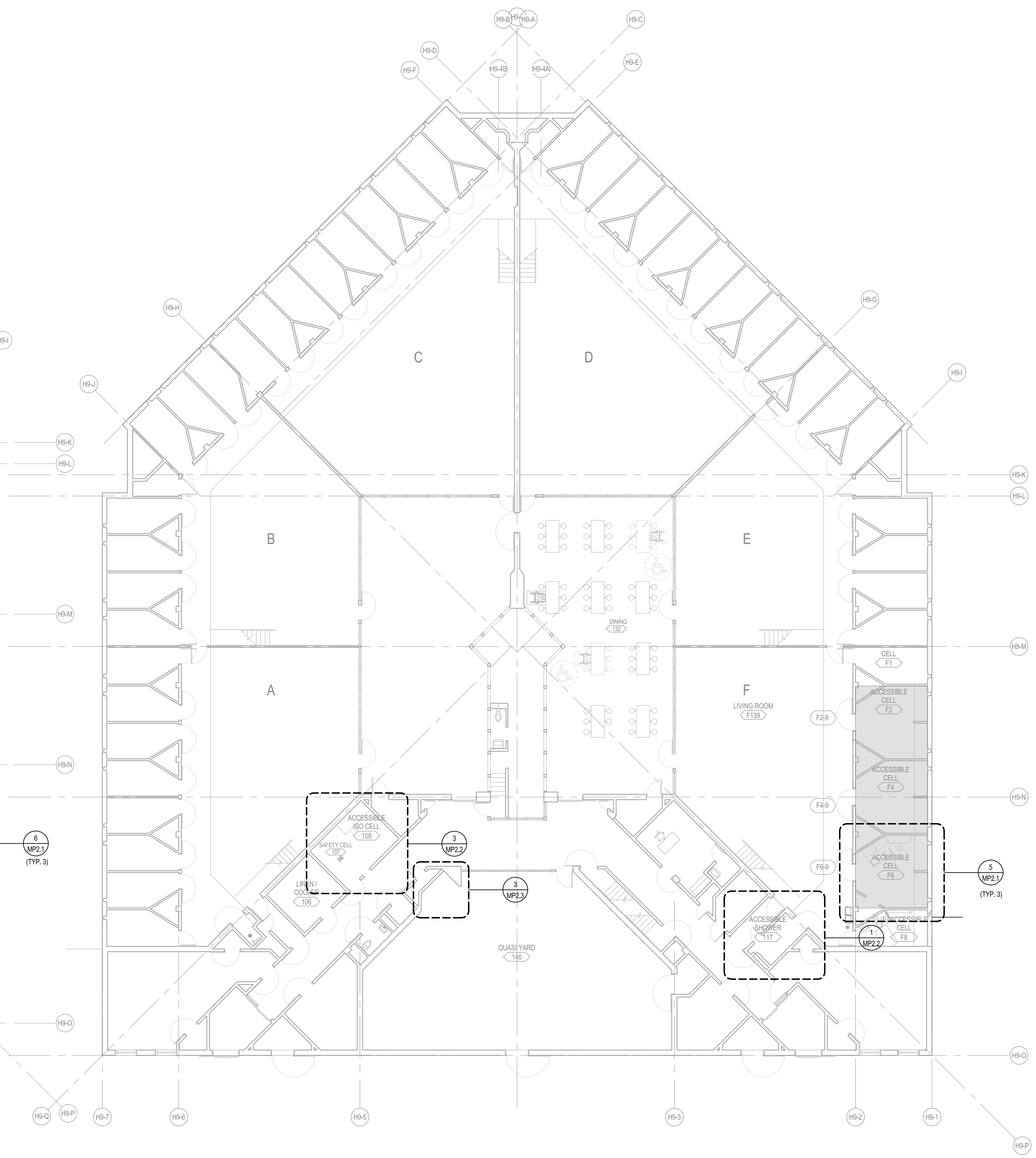


1 HOUSING UNIT 9 - MECHANICAL & PLUMBING DEMO PLAN
MP1-9.1C SCALE: 3/32" = 1'-0"



2 HOUSING UNIT 9 - MECHANICAL & PLUMBING FLOOR PLAN
MP1-9.1C SCALE: 3/32" = 1'-0"

LEGEND NOTES

LEGEND NOTES ARE COMMON TO ALL
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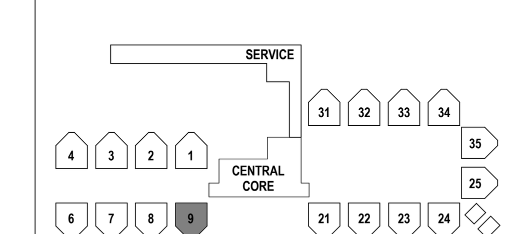
AREA OF WORK - CELLS AND DORM BEDS



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MECHANICAL & PLUMBING DEMO & FLOOR PLAN - HOUSING UNIT 9
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MP1-9.1C
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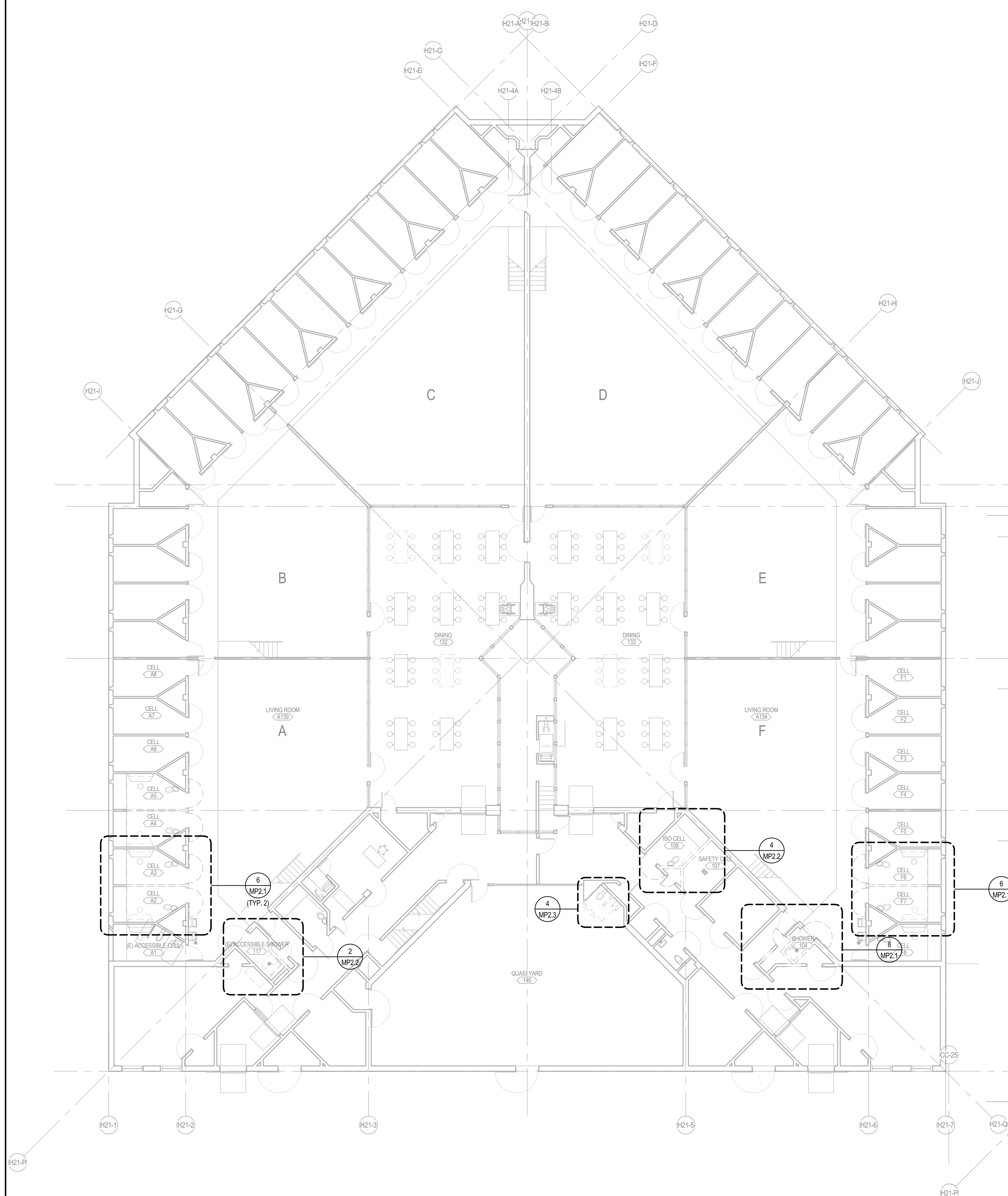
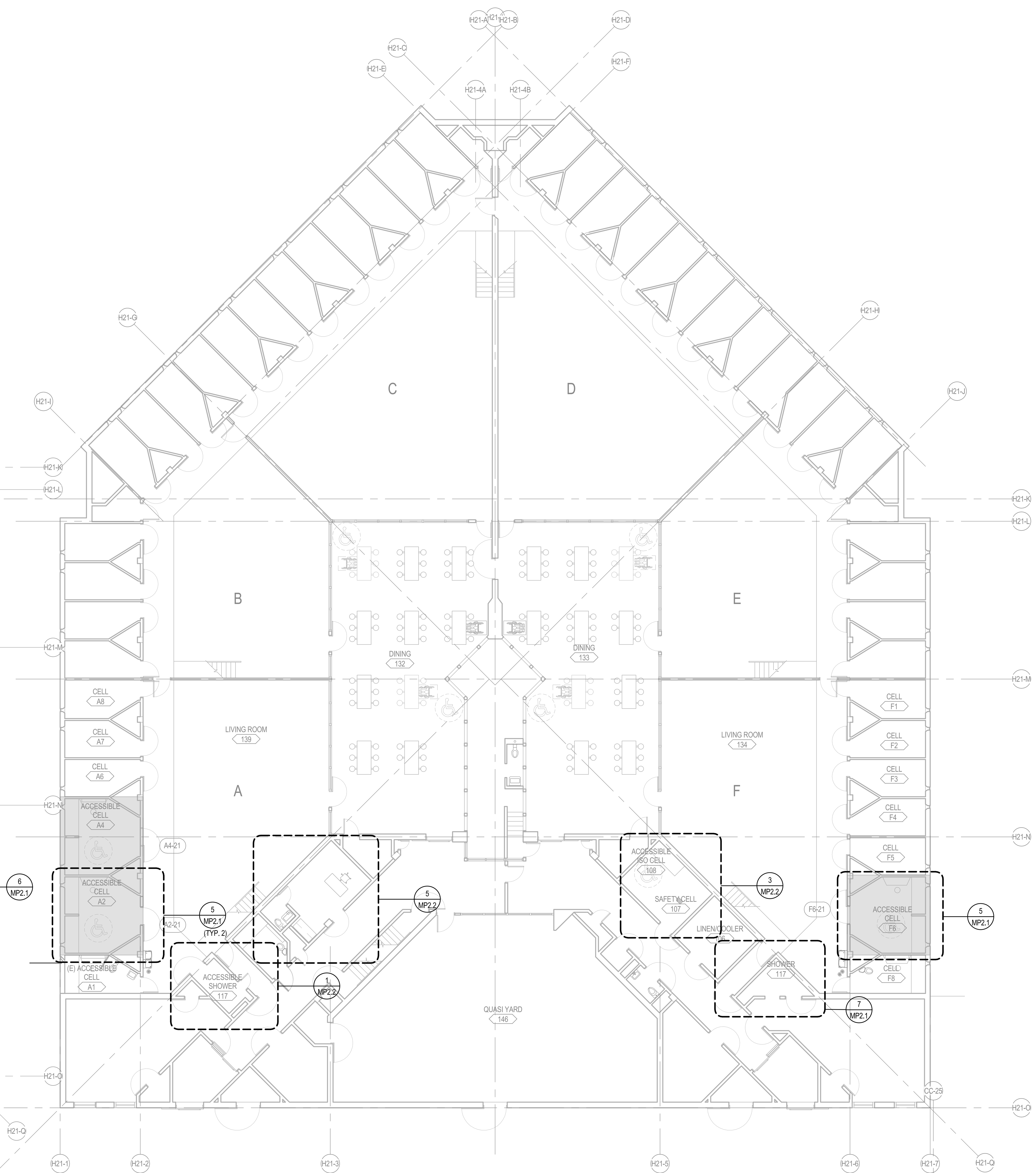
AREA OF WORK - CELLS AND DORM BEDS



1 HOUSING UNIT 21 - MECHANICAL & PLUMBING DEMO PLAN
MP1-21.1B SCALE: 3/32" = 1'-0"



2 HOUSING UNIT 21 - MECHANICAL & PLUMBING FLOOR PLAN
MP1-21.1B SCALE: 3/32" = 1'-0"

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MECHANICAL & PLUMBING DEMO & FLOOR PLAN - HOUSING UNIT 21
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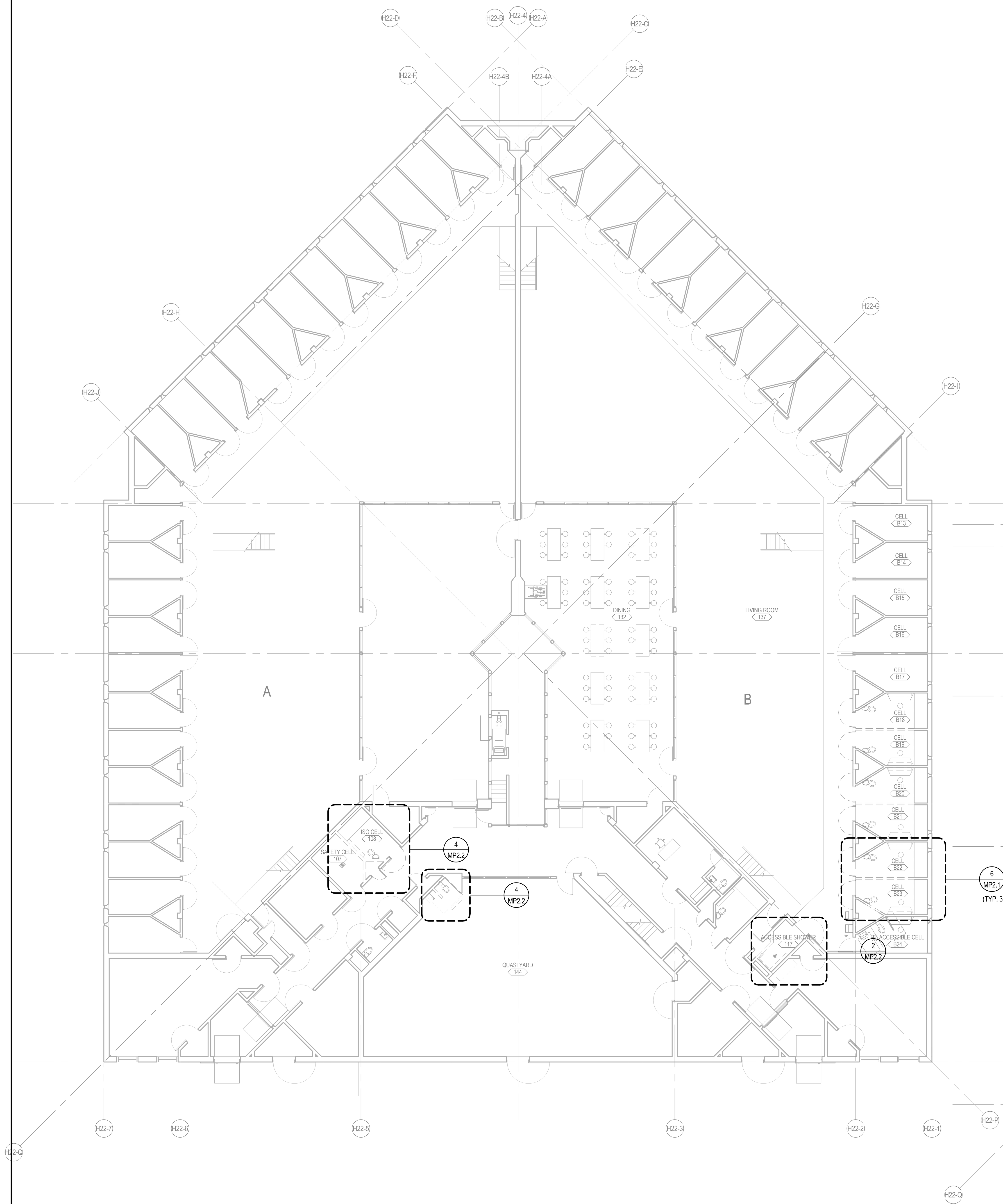
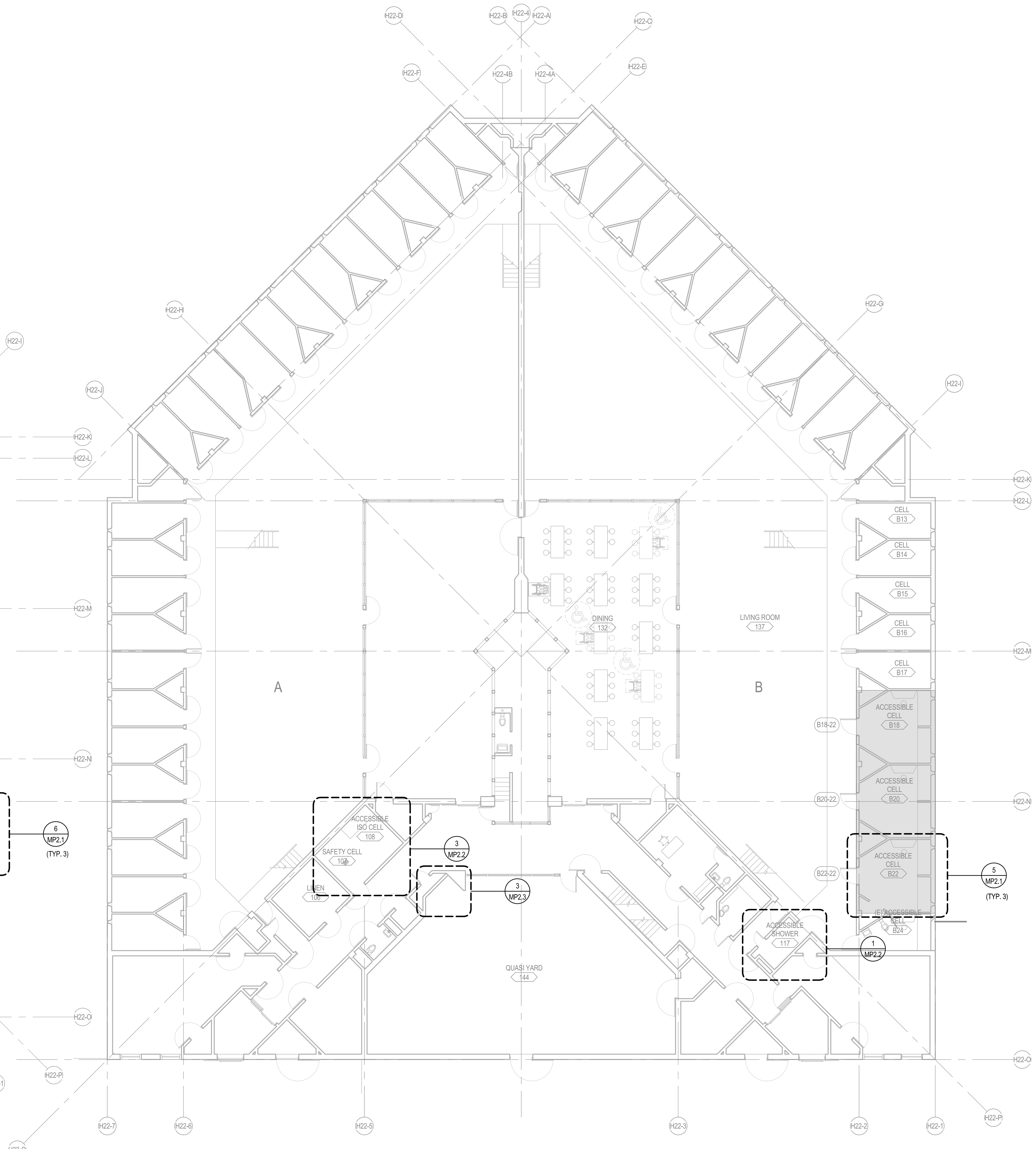


2 MP1-22.1A HOUSING UNIT 22 - MECHANICAL & PLUMBING DEMO PLAN
SCALE: 3/32" = 1'-0"



1 MP1-22.1A HOUSING UNIT 22 - MECHANICAL & PLUMBING FLOOR PLAN
SCALE: 3/32" = 1'-0"

LEGEND NOTES

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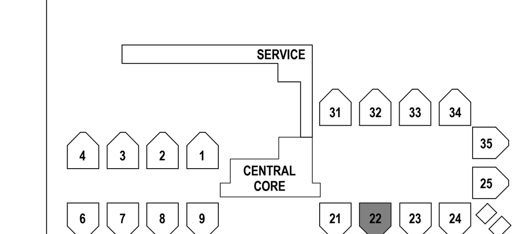
AREA OF WORK - CELLS AND DORM BEDS



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MECHANICAL & PLUMBING DEMO & FLOOR PLAN - HOUSING UNIT 22
ALAMEDA CO. - SANTA RITA JAIL

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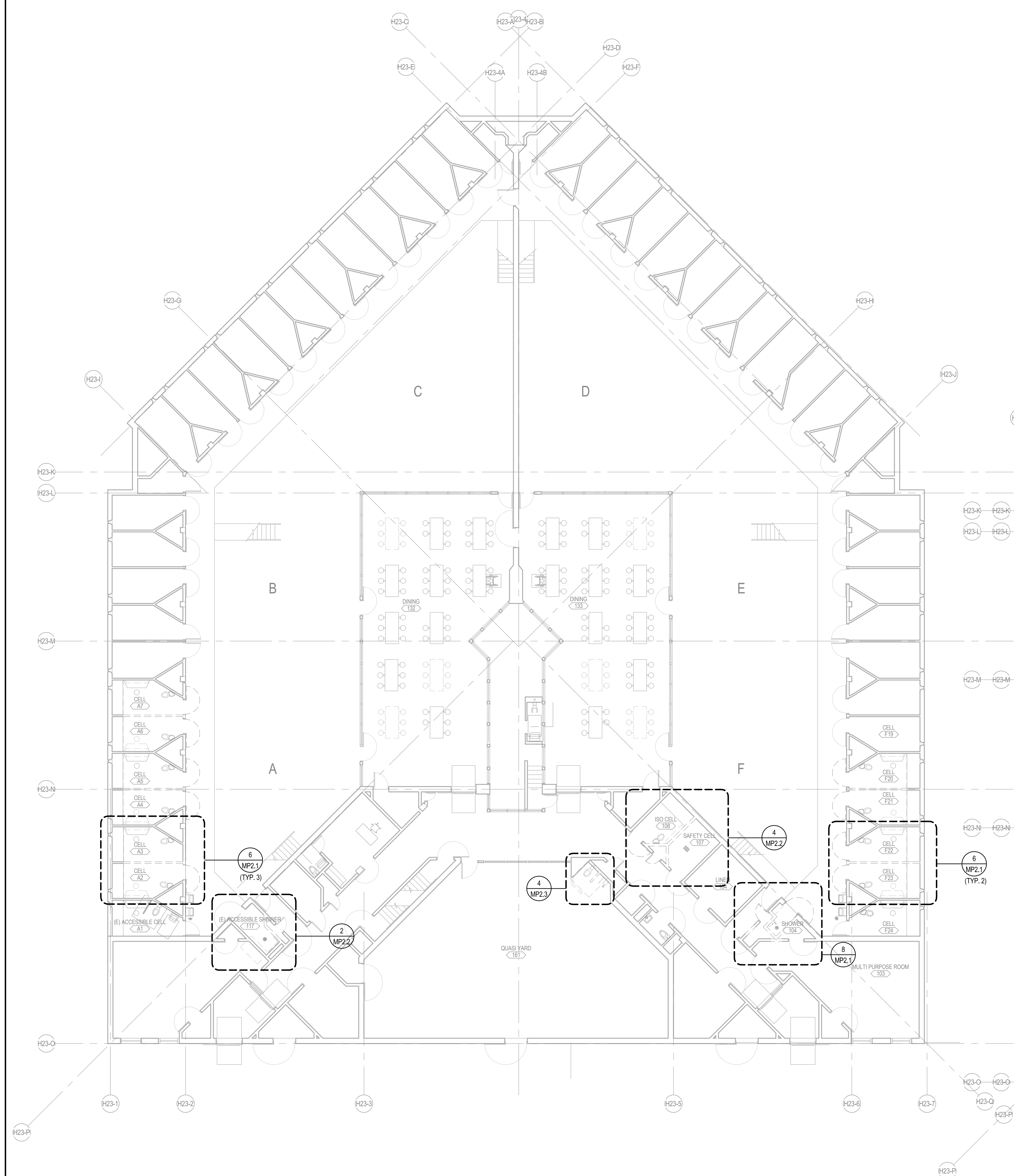
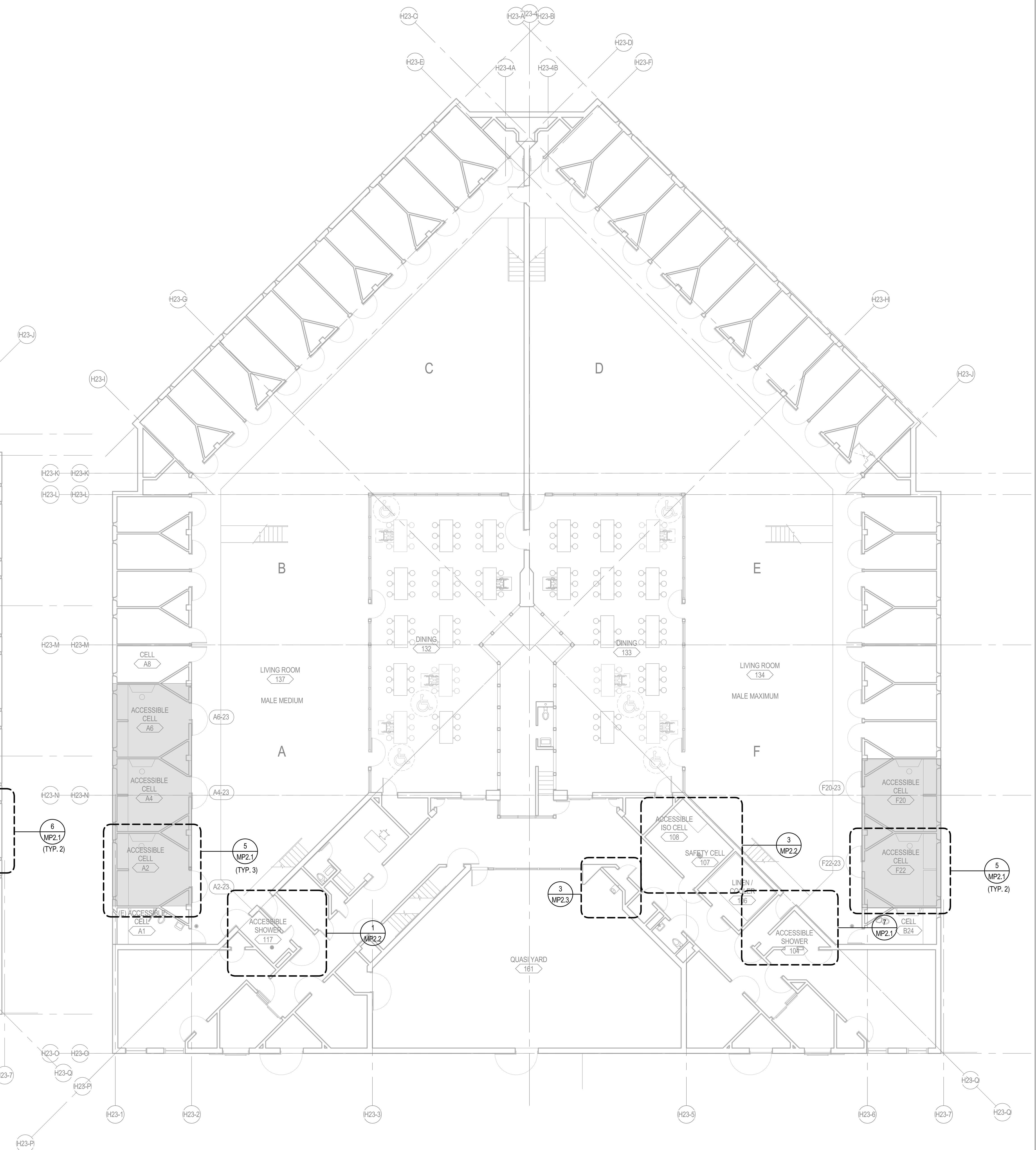


2 MP1-23.2 HOUSING UNIT 23 - MECHANICAL & PLUMBING DEMO PLAN

SCALE: 3/32" = 1'-0"



1 MP1-23.2 HOUSING UNIT 23 - MECHANICAL & PLUMBING FLOOR PLAN

SCALE: 3/32" = 1'-0"

LEGEND NOTES

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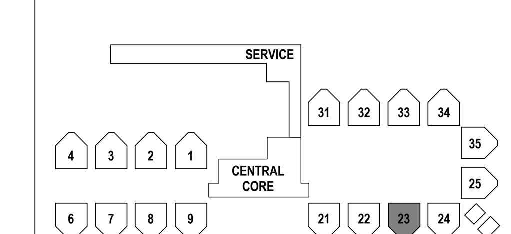
AREA OF WORK - CELLS AND DORM BEDS



CONSTRUCTION DOCUMENTS
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MECHANICAL & PLUMBING DEMO & FLOOR PLAN - HOUSING UNIT 23
ALAMEDA CO. - SANTA RITA JAIL

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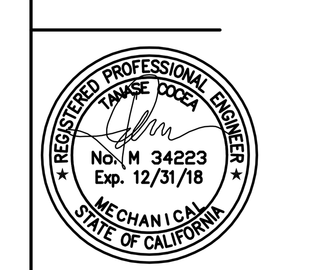

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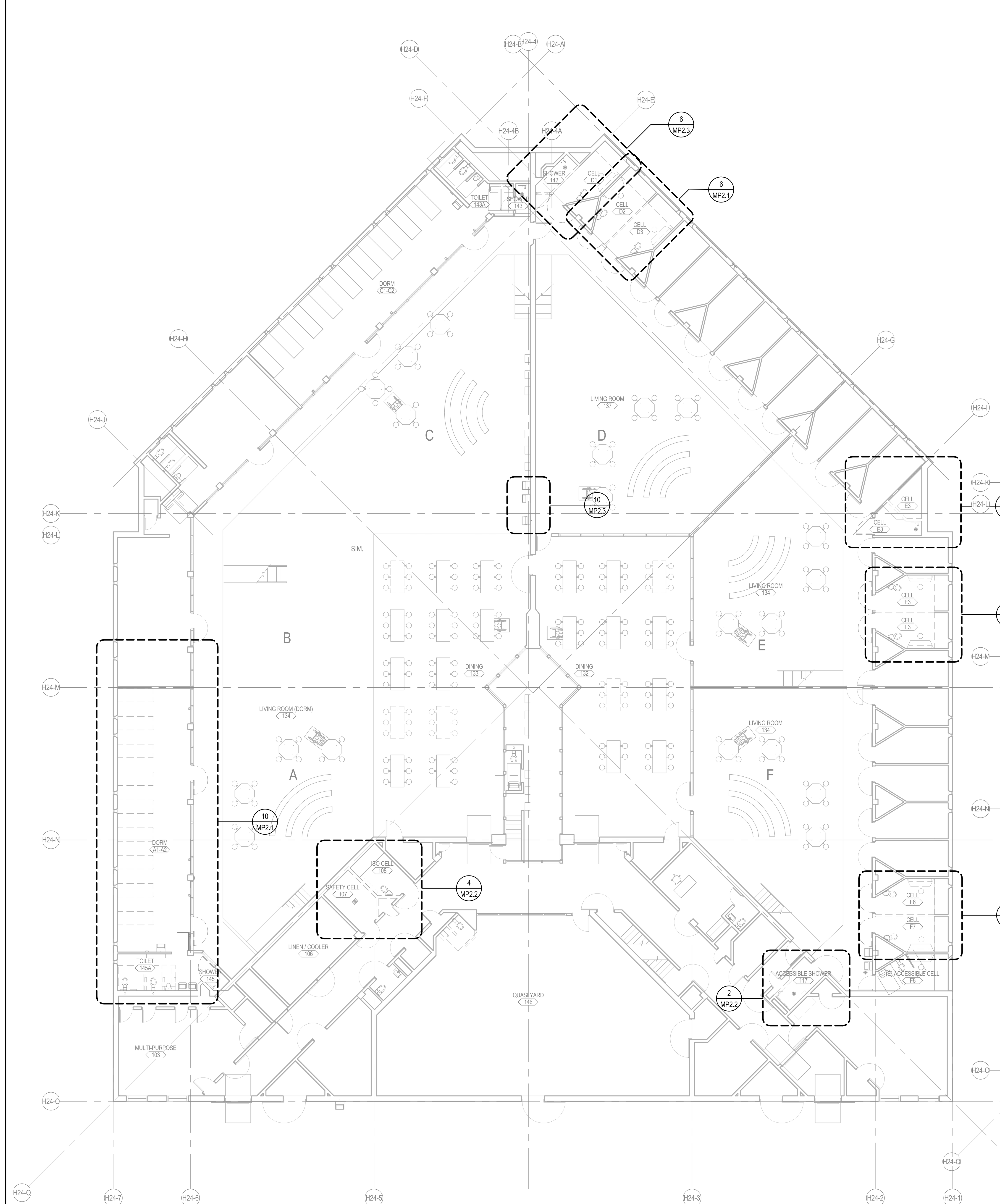
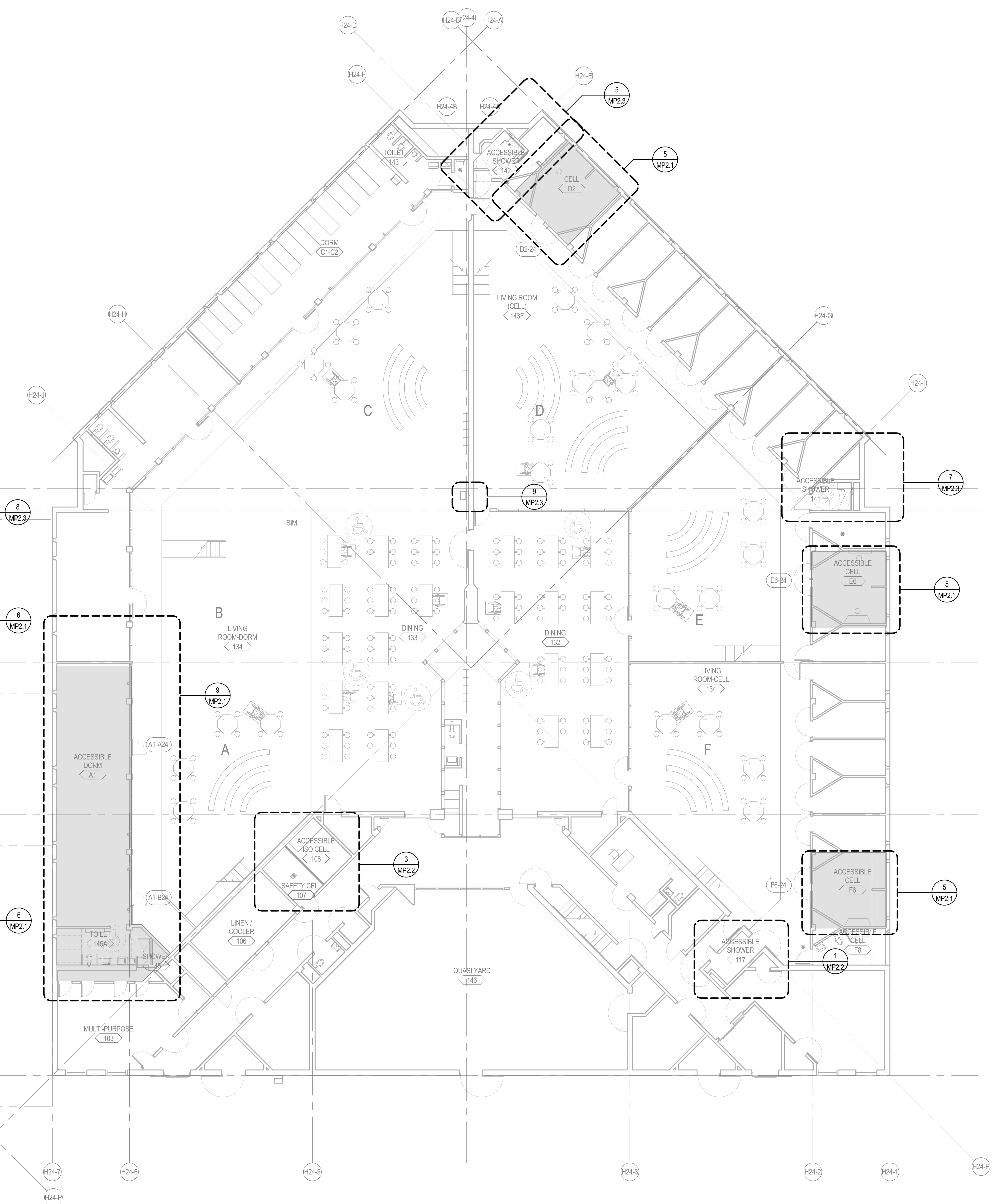


1 / MP1-24.2

HOUSING UNIT 24 - MECHANICAL & PLUMBING DEMO PLAN

SCALE: 3/32" = 1'-0"



2 / MP1-24.2

HOUSING UNIT 24 - MECHANICAL & PLUMBING FLOOR PLAN

SCALE: 3/32" = 1'-0"

LEGEND NOTES

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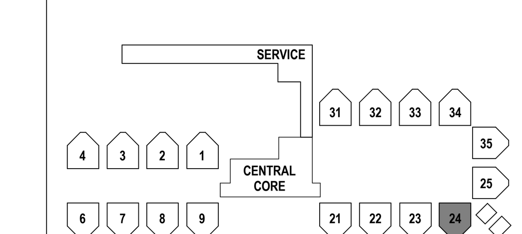
AREA OF WORK - CELLS AND DORM BEDS



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HOUSING UNIT 24
5325 BRODER BLVD,
DUBLIN, CA
94568

MECHANICAL & PLUMBING DEMO & FLOOR PLAN - HOUSING UNIT 24
ALAMEDA CO. - SANTA RITA JAIL

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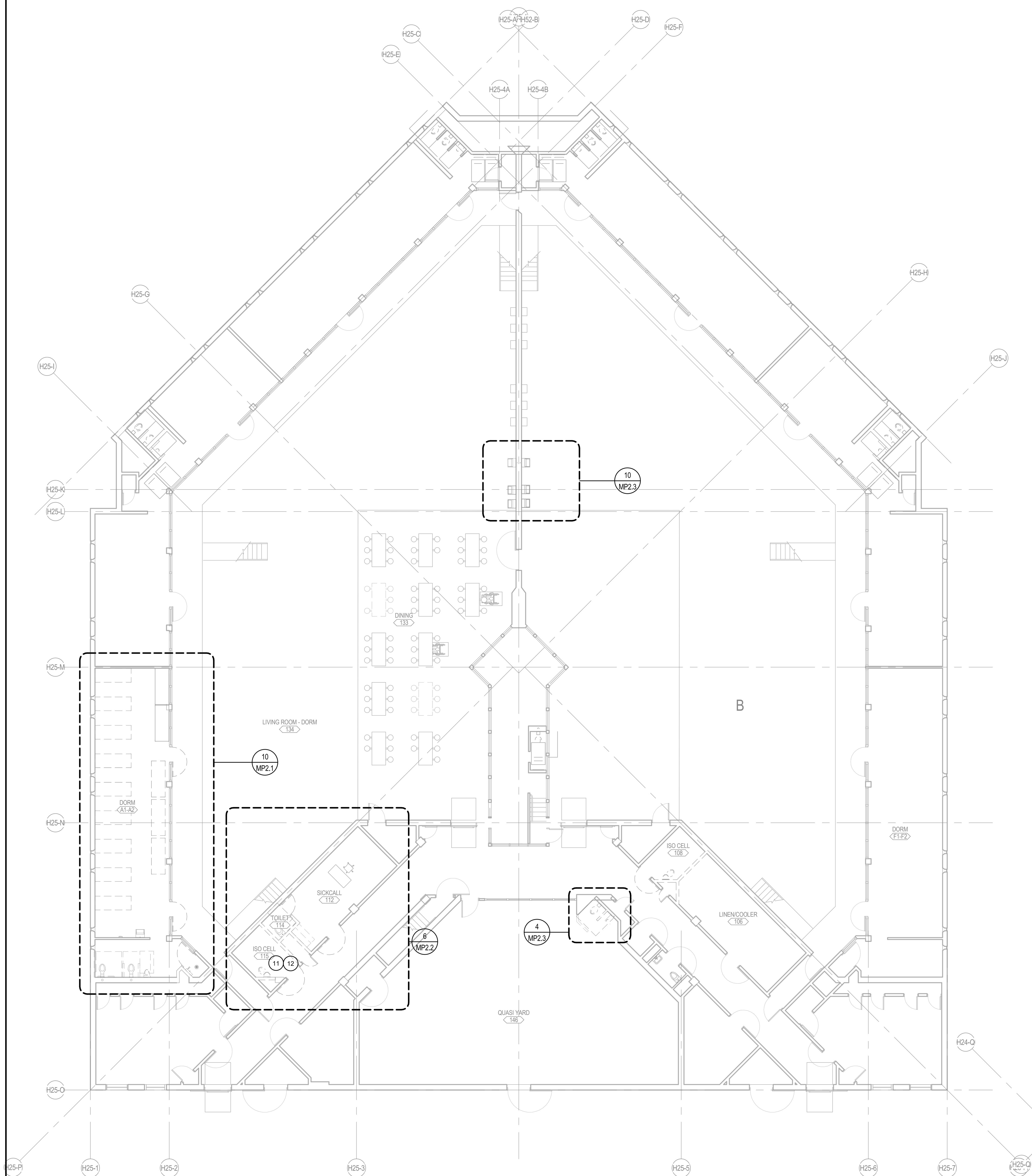
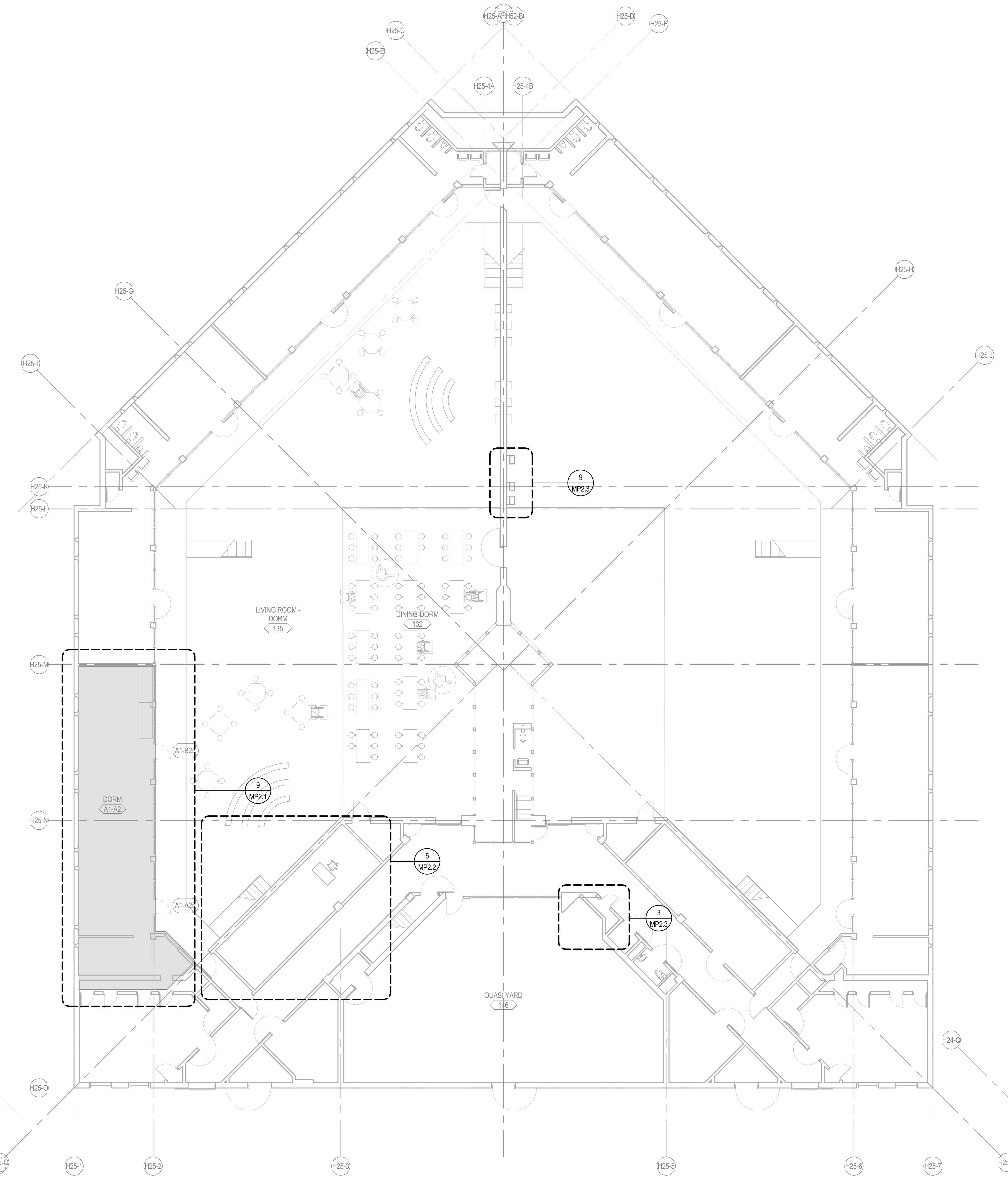
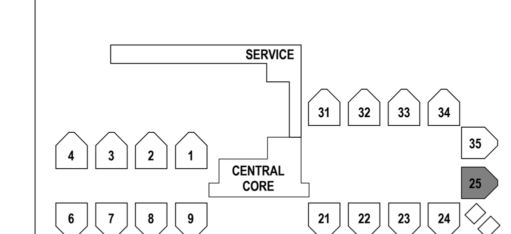
AREA OF WORK - CELLS AND DORM BEDS



2 HOUSING UNIT 25 - MECHANICAL & PLUMBING DEMO PLAN
MP1-25.1C SCALE: 3/32" = 1'-0"



1 HOUSING UNIT 25 - MECHANICAL & PLUMBING FLOOR PLAN
MP1-25.1C SCALE: 3/32" = 1'-0"



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MECHANICAL & PLUMBING DEMO & FLOOR PLAN - HOUSING UNIT 25
ALAMEDA CO. - SANTA RITA JAIL

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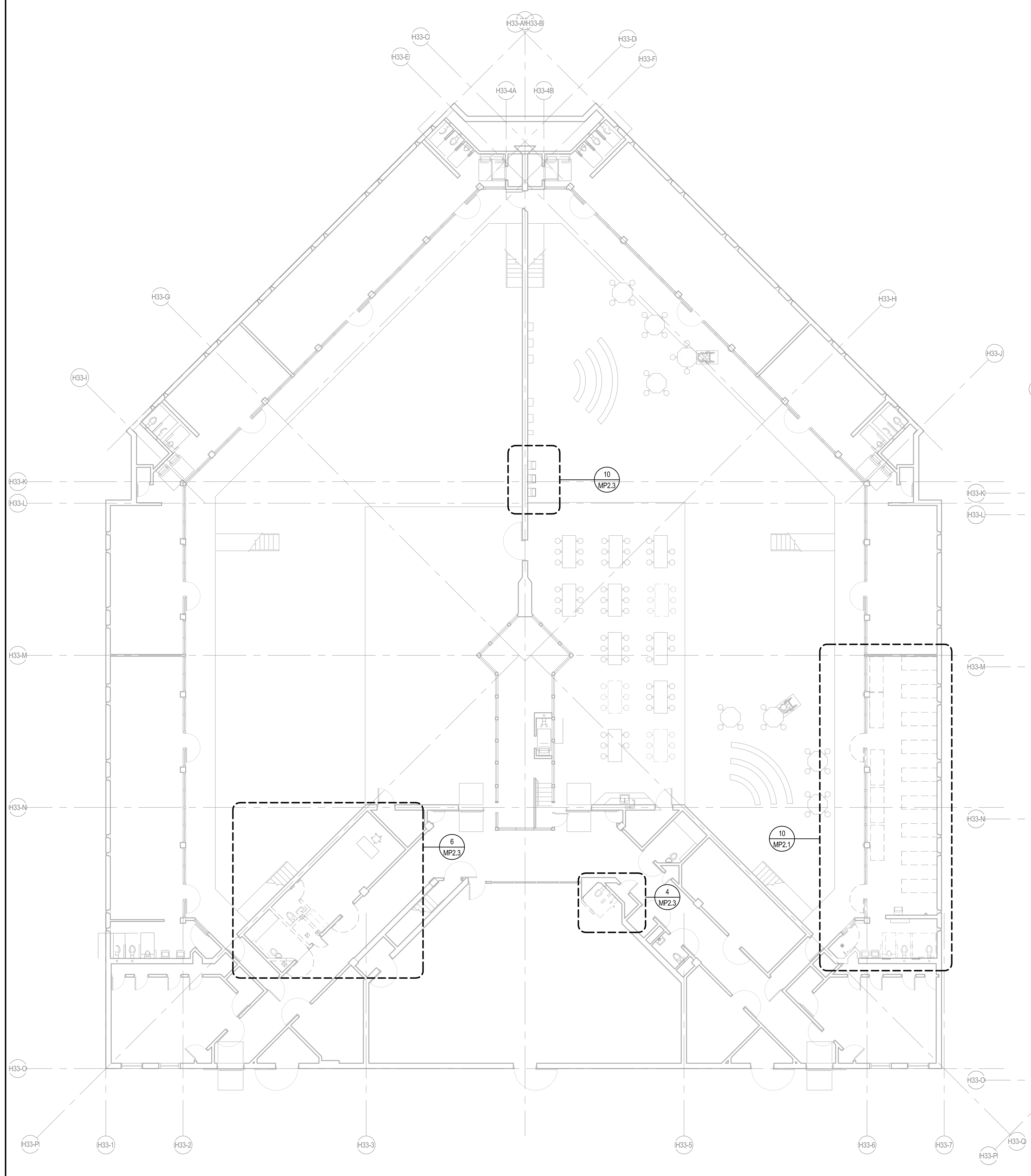
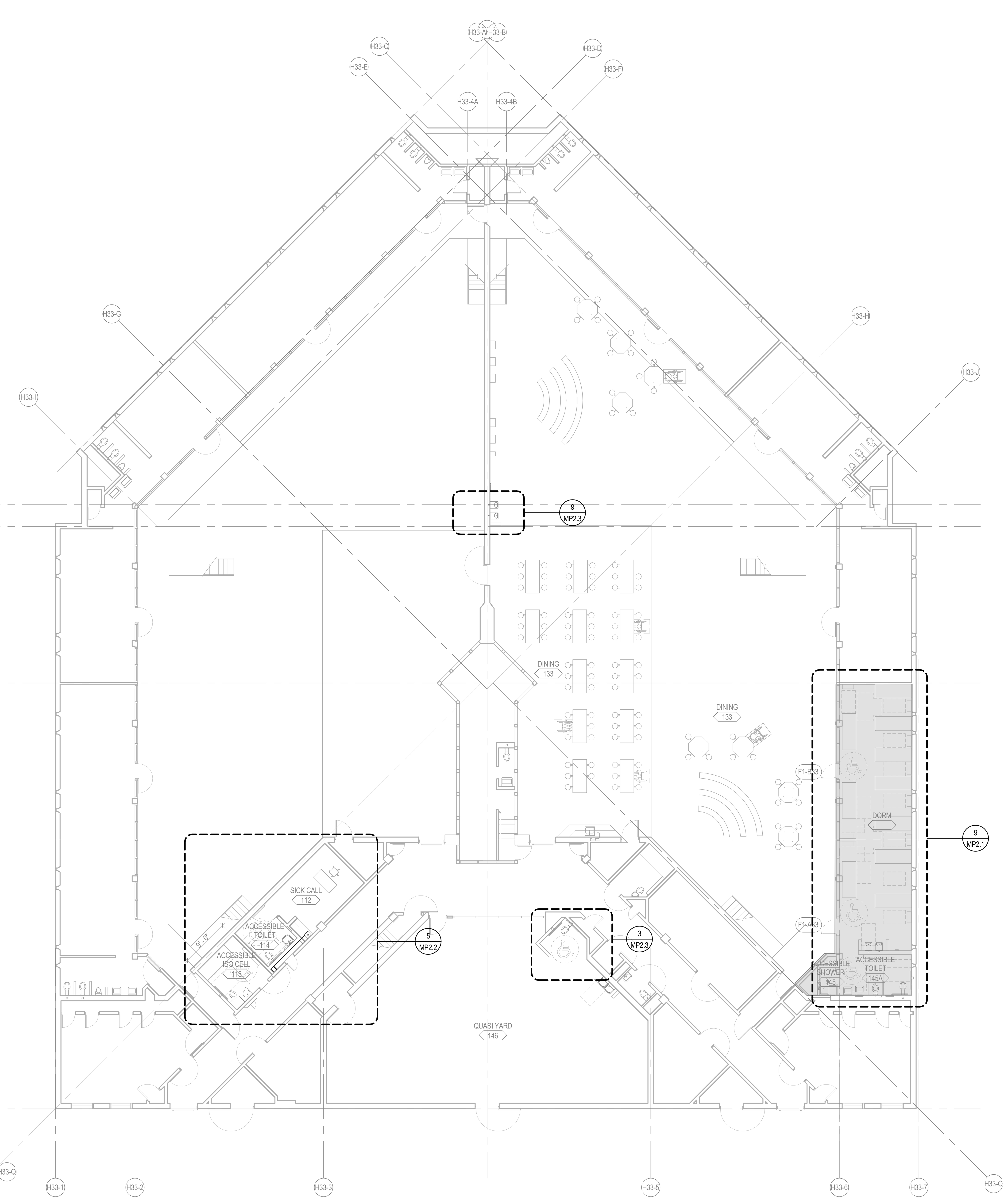


1 HOUSING UNIT 33 - MECHANICAL & PLUMBING DEMO PLAN
MP1-33.1A SCALE: 3/32" = 1'-0"



2 HOUSING UNIT 33 - MECHANICAL & PLUMBING FLOOR PLAN
MP1-33.1A SCALE: 3/32" = 1'-0"

LEGEND NOTES

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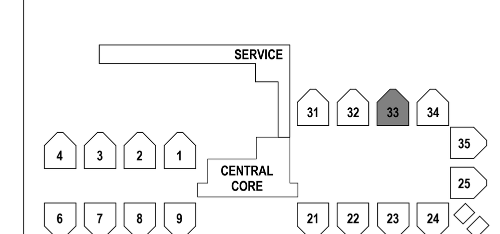
LEGEND

AREA OF WORK - CELLS AND DORM BEDS



CONSTRUCTION
DOCUMENTS
PHASE 2

MECHANICAL & PLUMBING DEMO & FLOOR PLAN - HOUSING UNIT 33

5325 BRODER BLVD.
DUBLIN, CA
94568

ALAMEDA CO. - SANTA RITA JAIL

MP1-33.1A
75-17108-00
APRIL 24, 2017
Revisions

REGISTERED PROFESSIONAL ENGINEER
TANASE COCEA
No. M 34223
Exp. 12/31/18
MECHANICAL
STATE OF CALIFORNIA

DLR Group
Architecture Engineering Planning Interiors

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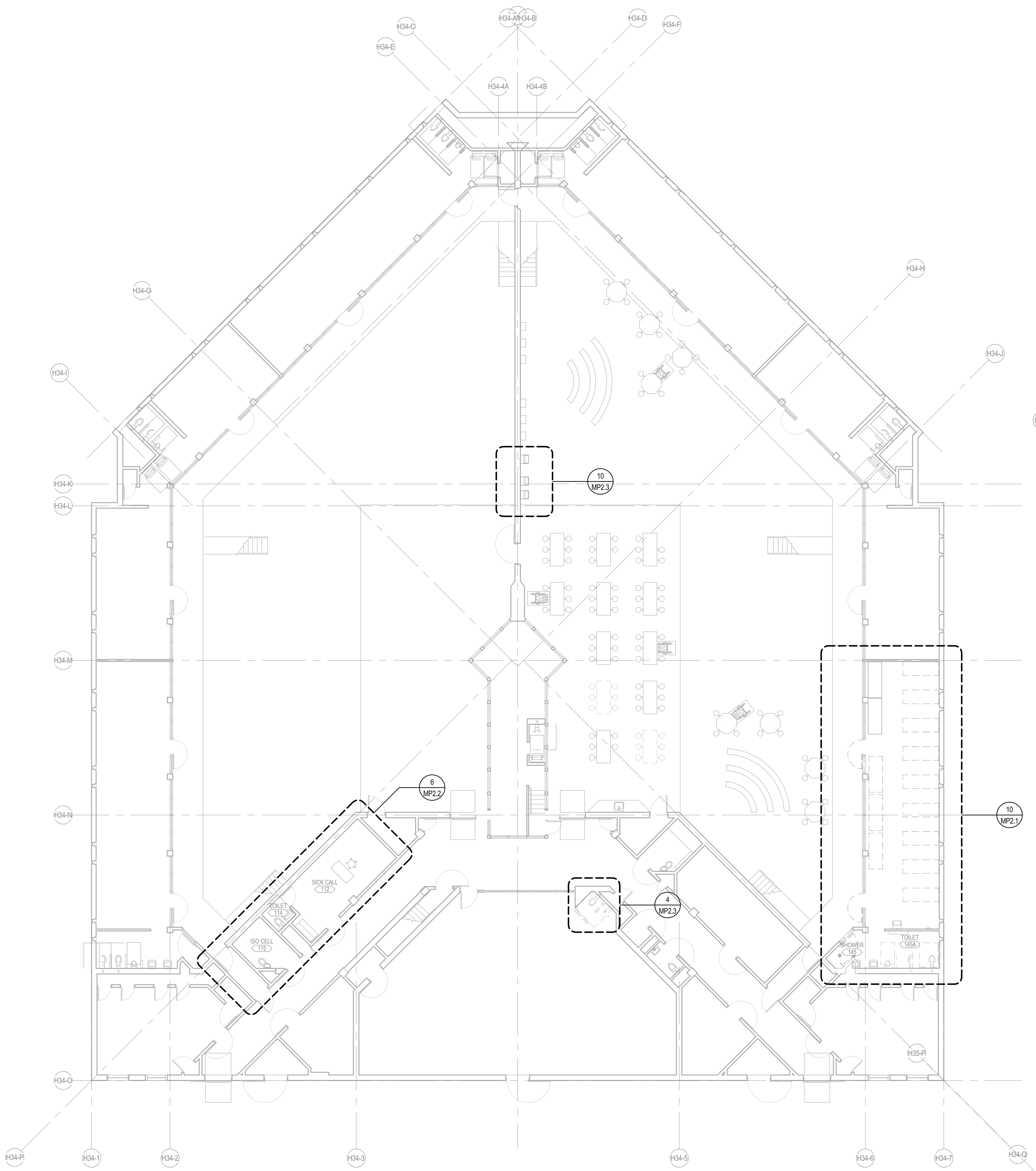
LEGEND NOTES

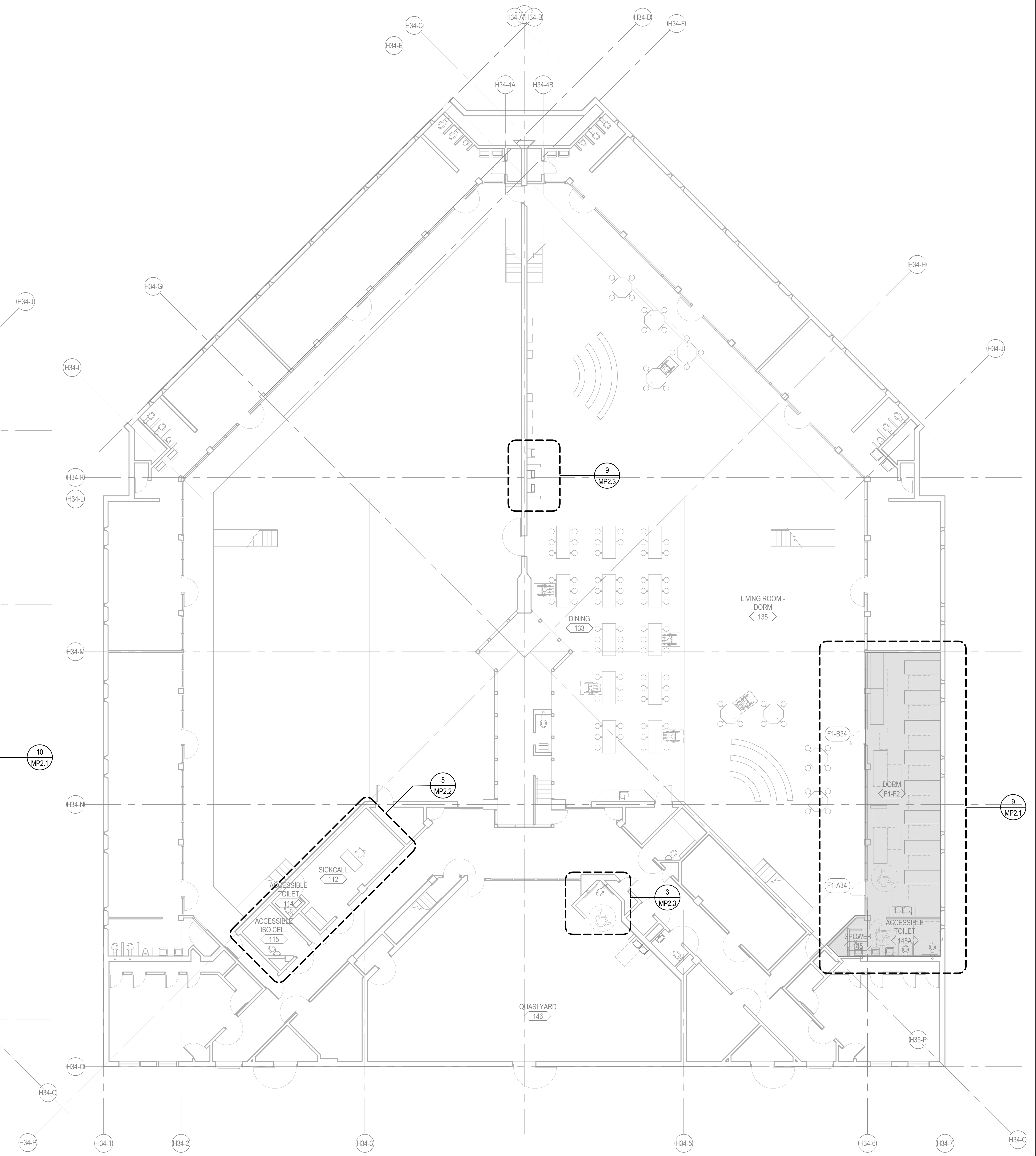
LEGEND NOTES ARE COMMON TO ALL
SOME NOTES MAY NOT APPLY TO THIS SHEET

LEGEND

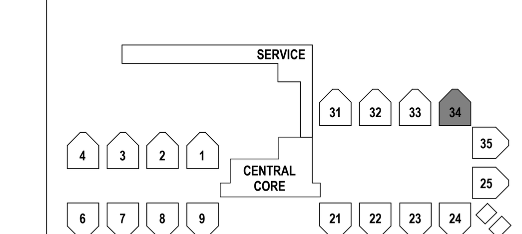
AREA OF WORK - CELLS AND DORM BEDS



1 MP1-34.1B HOUSING UNIT 34 - MECHANICAL & PLUMBING DEMO PLAN
SCALE: 3/32" = 1'-0"



2 MP1-34.1B HOUSING UNIT 34 - MECHANICAL & PLUMBING FLOOR PLAN
SCALE: 3/32" = 1'-0"



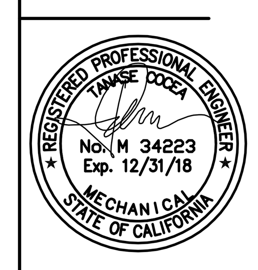
CONSTRUCTION DOCUMENTS **PHASE 2**

MECHANICAL & PLUMBING DEMO & FLOOR PLAN - HOUSING UNIT 34
ALAMEDA CO. - SANTA RITA JAIL

5325 BRODER BLVD. DUBLIN, CA 94568

MP1-34.1B

75-17108-00
APRIL 24, 2017
Revisions



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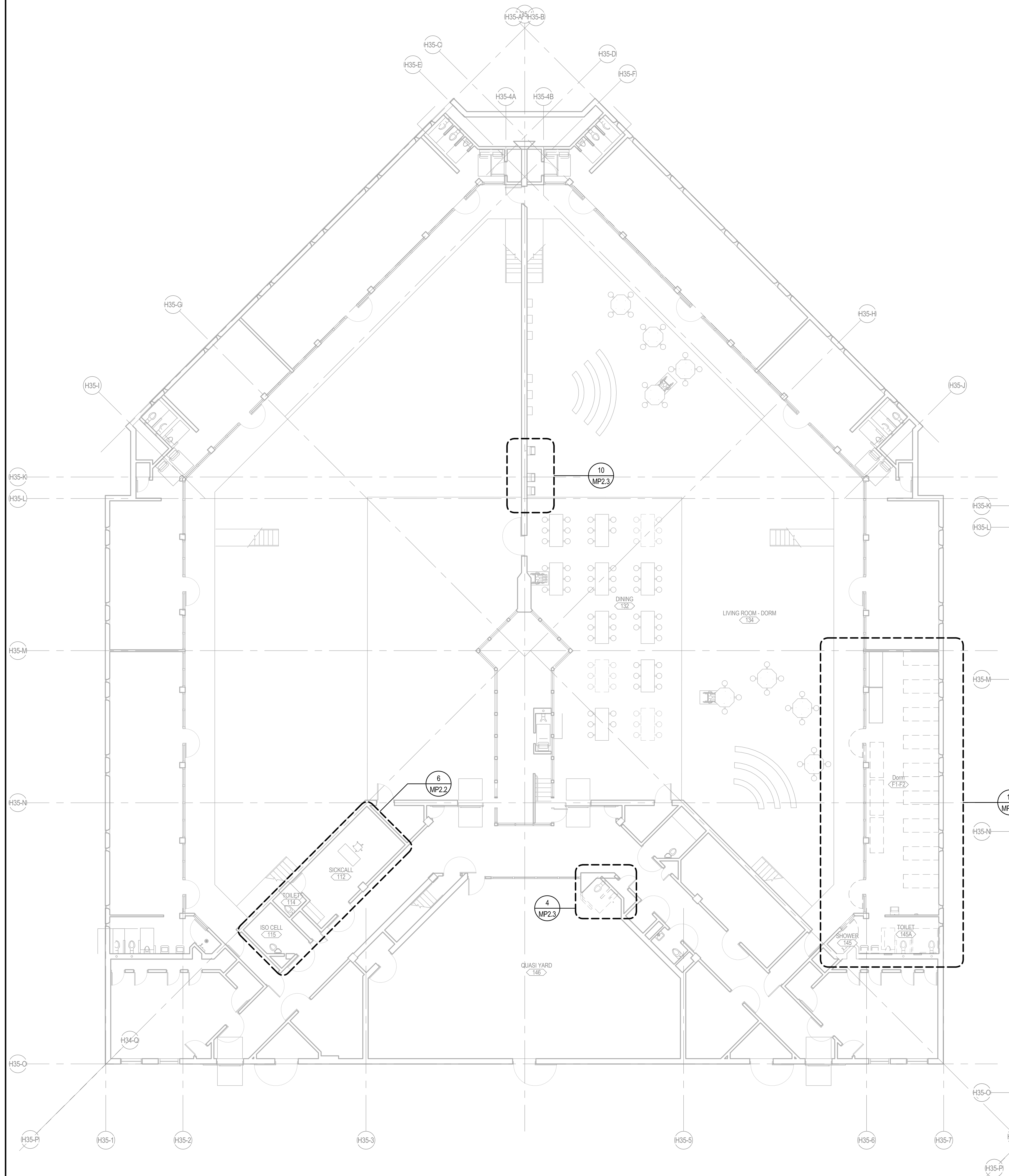
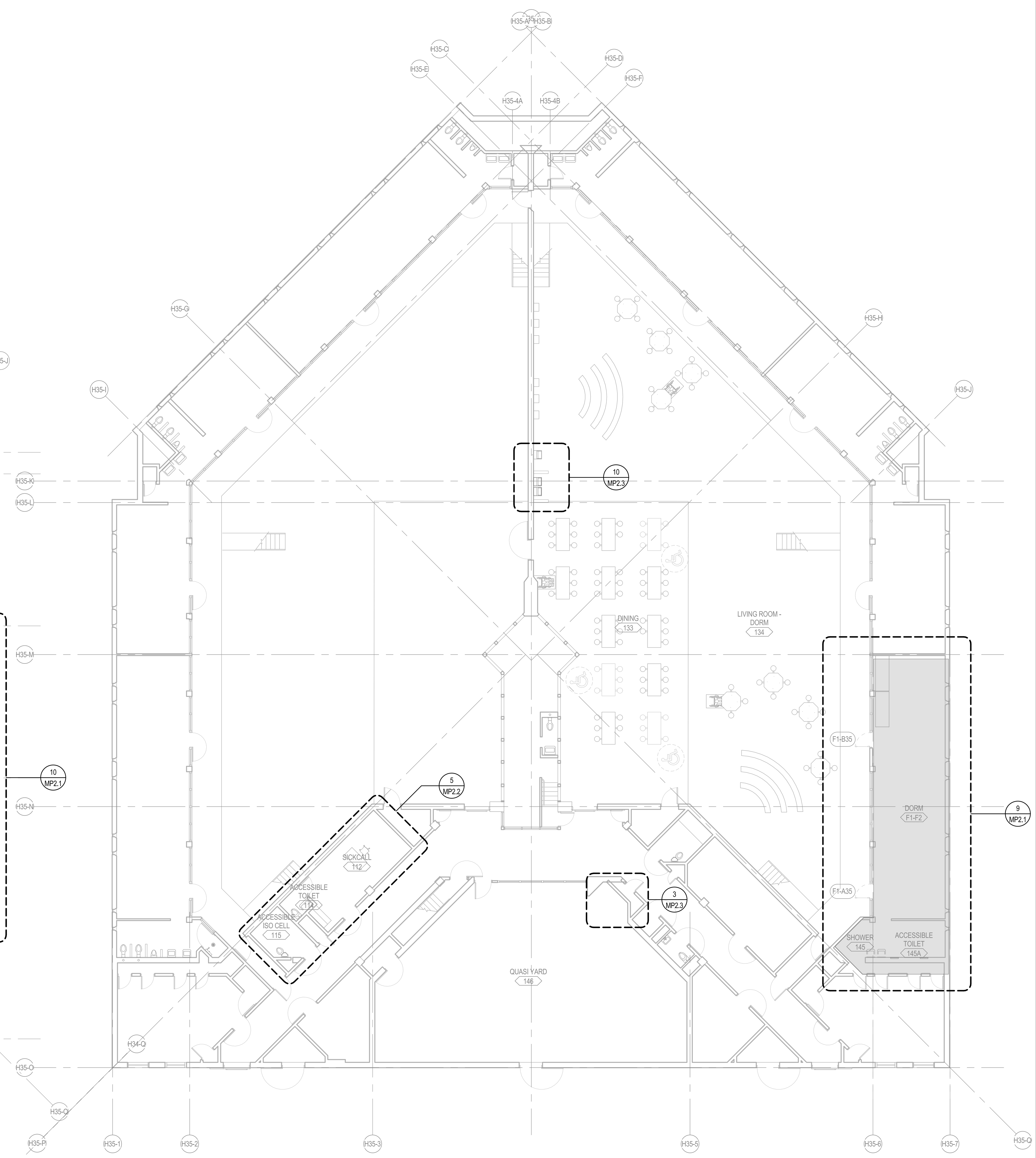


1 HOUSING UNIT 35 - MECHANICAL & PLUMBING DEMO PLAN
MP1-35.2 SCALE: 3/32" = 1'-0"



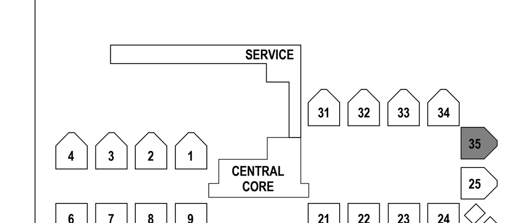
2 HOUSING UNIT 35 - MECHANICAL & PLUMBING FLOOR PLAN
MP1-35.2 SCALE: 3/32" = 1'-0"

LEGEND NOTES

LEGEND NOTES ARE COMMON TO ALL
SOME NOTES MAY NOT APPLY TO THIS SHEET

LEGEND

AREA OF WORK - CELLS AND DORM BEDS



CONSTRUCTION DOCUMENTS
PHASE 2

MECHANICAL & PLUMBING DEMO & FLOOR PLAN - HOUSING UNIT 35
ALAMEDA CO. - SANTA RITA JAIL

5325 BRODER BLVD, DUBLIN, CA 94568

MP1-35.2
75-17108-00
APRIL 24, 2017
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REGISTERED PROFESSIONAL ENGINEER
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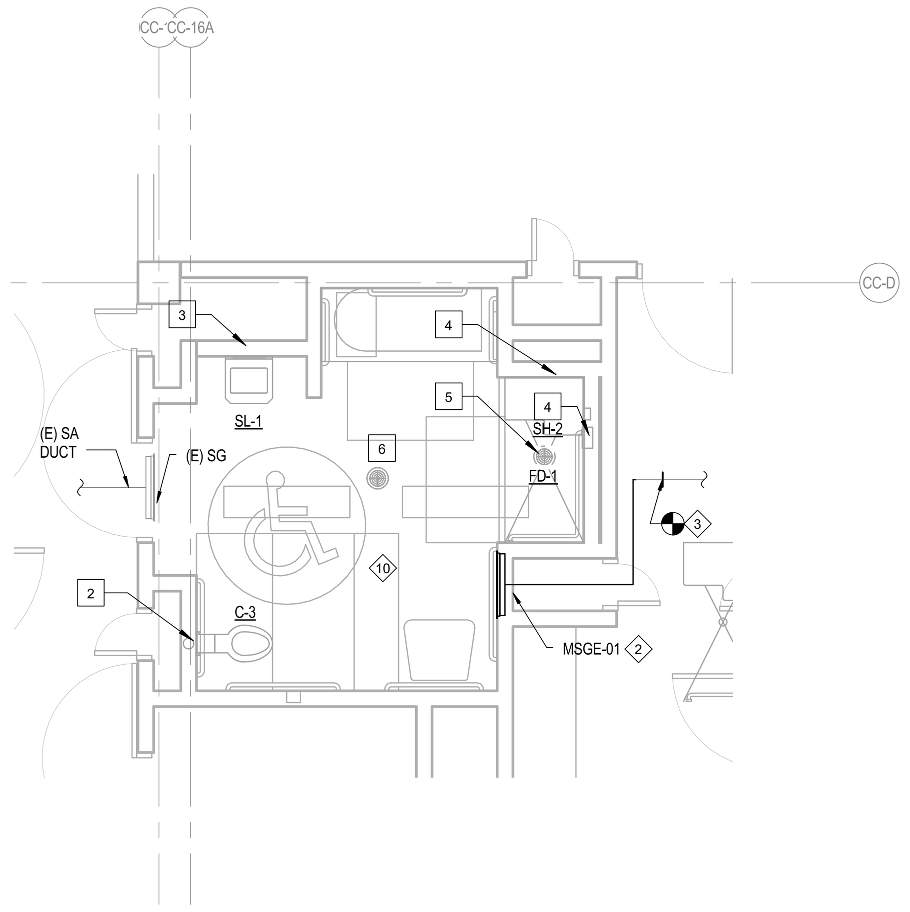
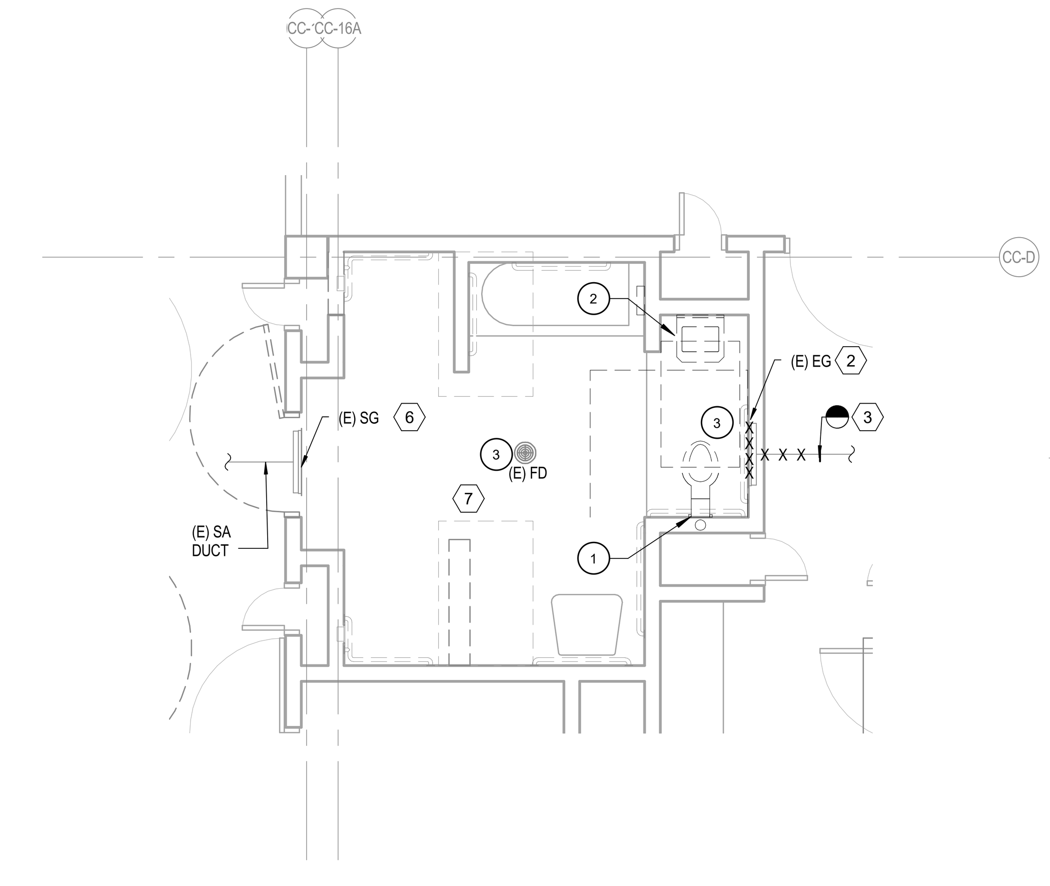
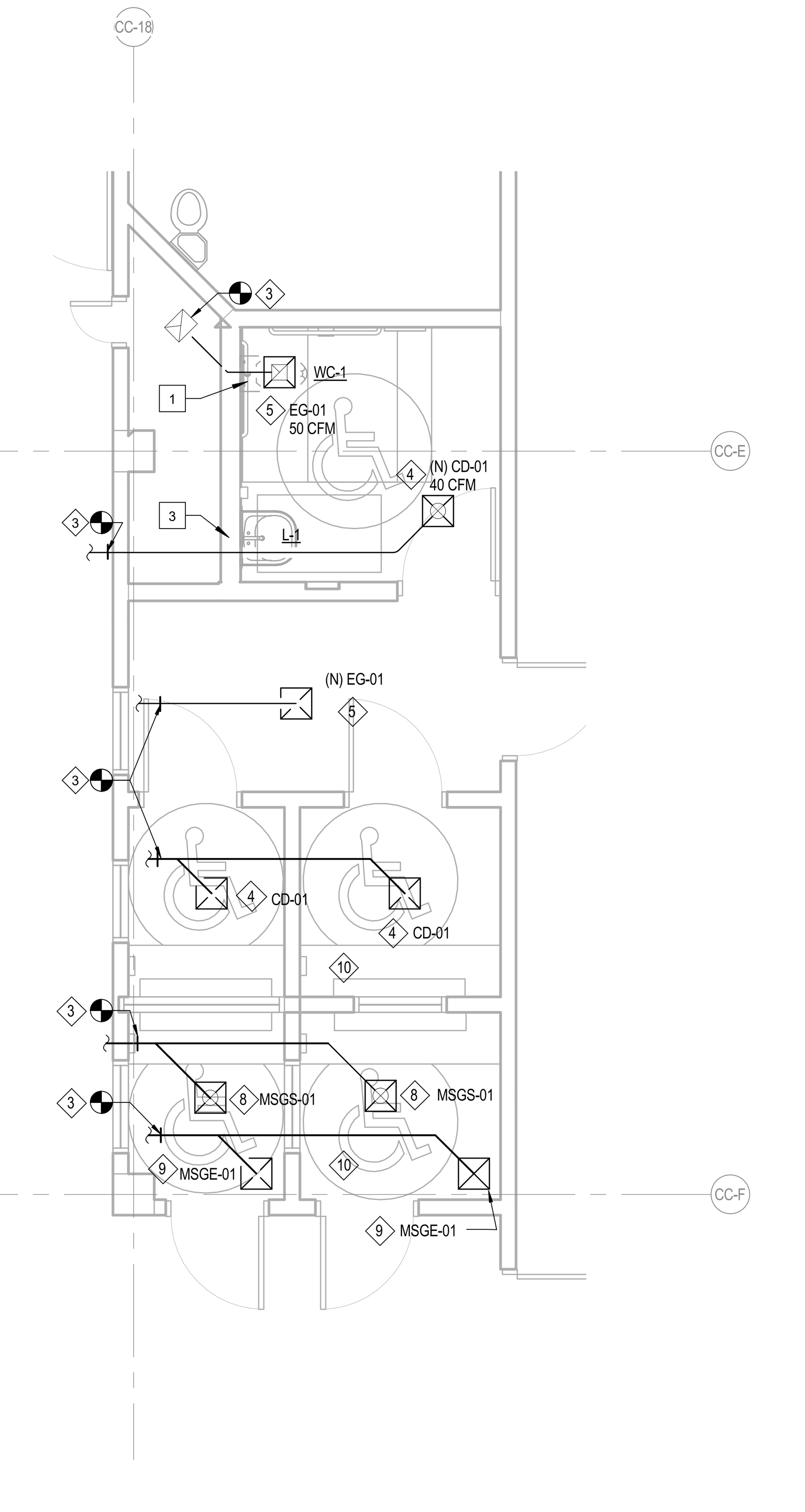


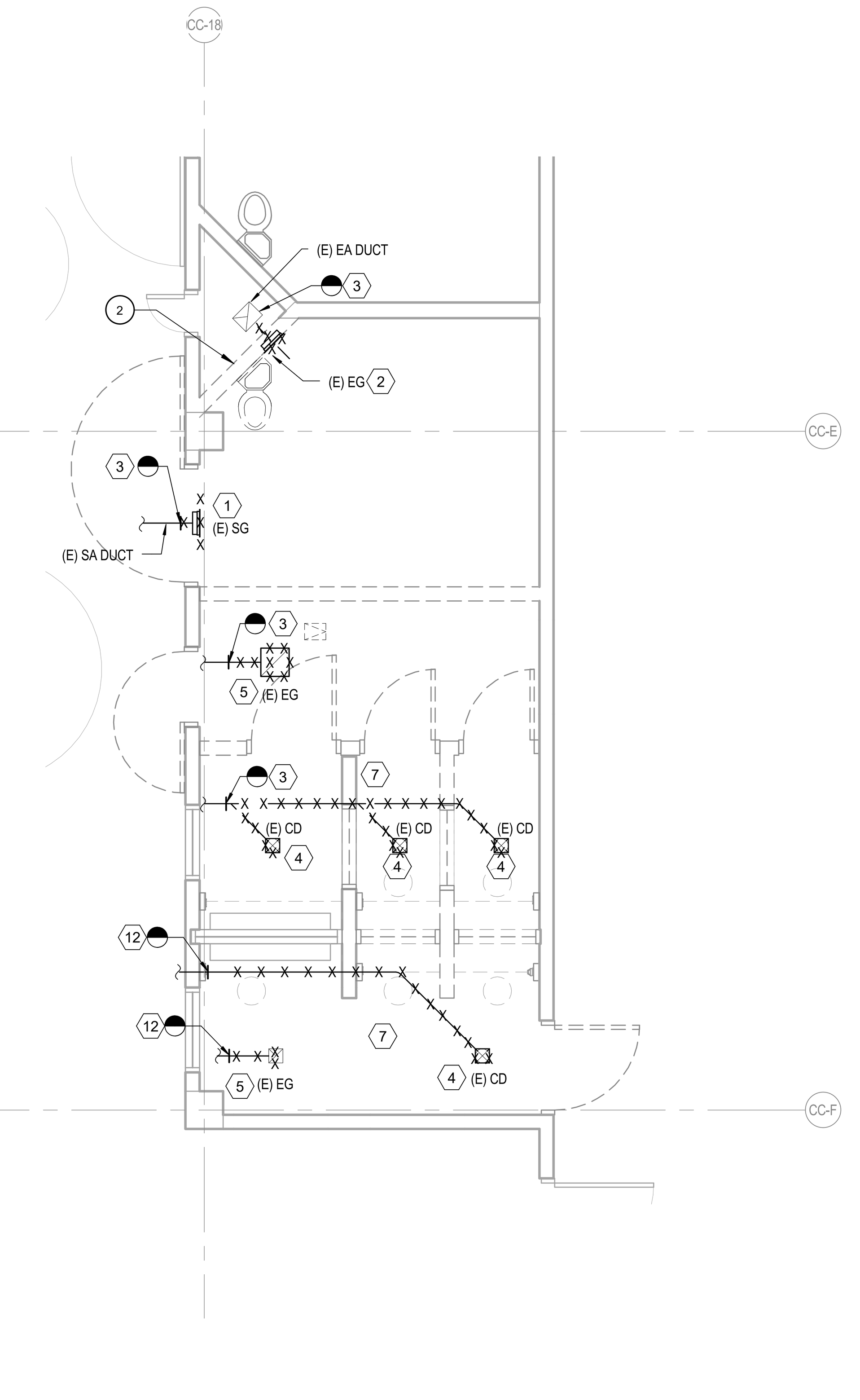
1 MP2.1 OPHU SHOWER #101A - MECHANICAL & PLUMBING ENLARGED PLAN
SCALE: 1/4" = 1'-0"



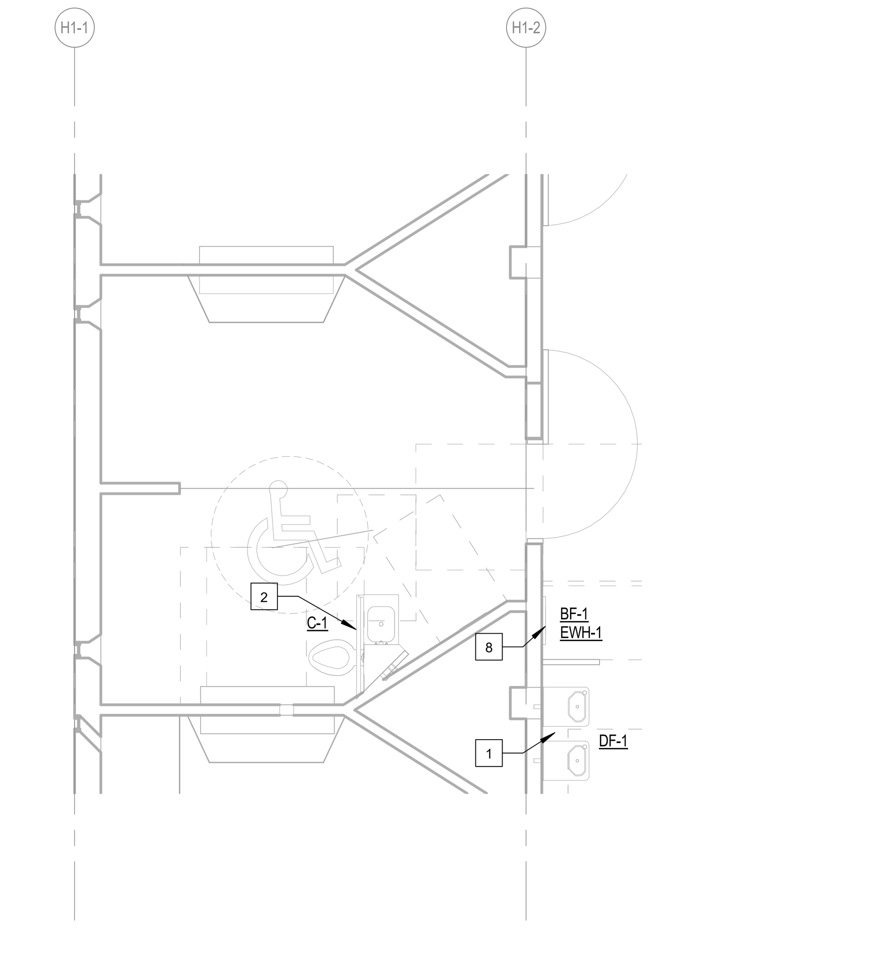
2 MP2.1 OPHU SHOWER #101A - MECHANICAL & PLUMBING ENLARGED DEMO PLAN
SCALE: 1/4" = 1'-0"



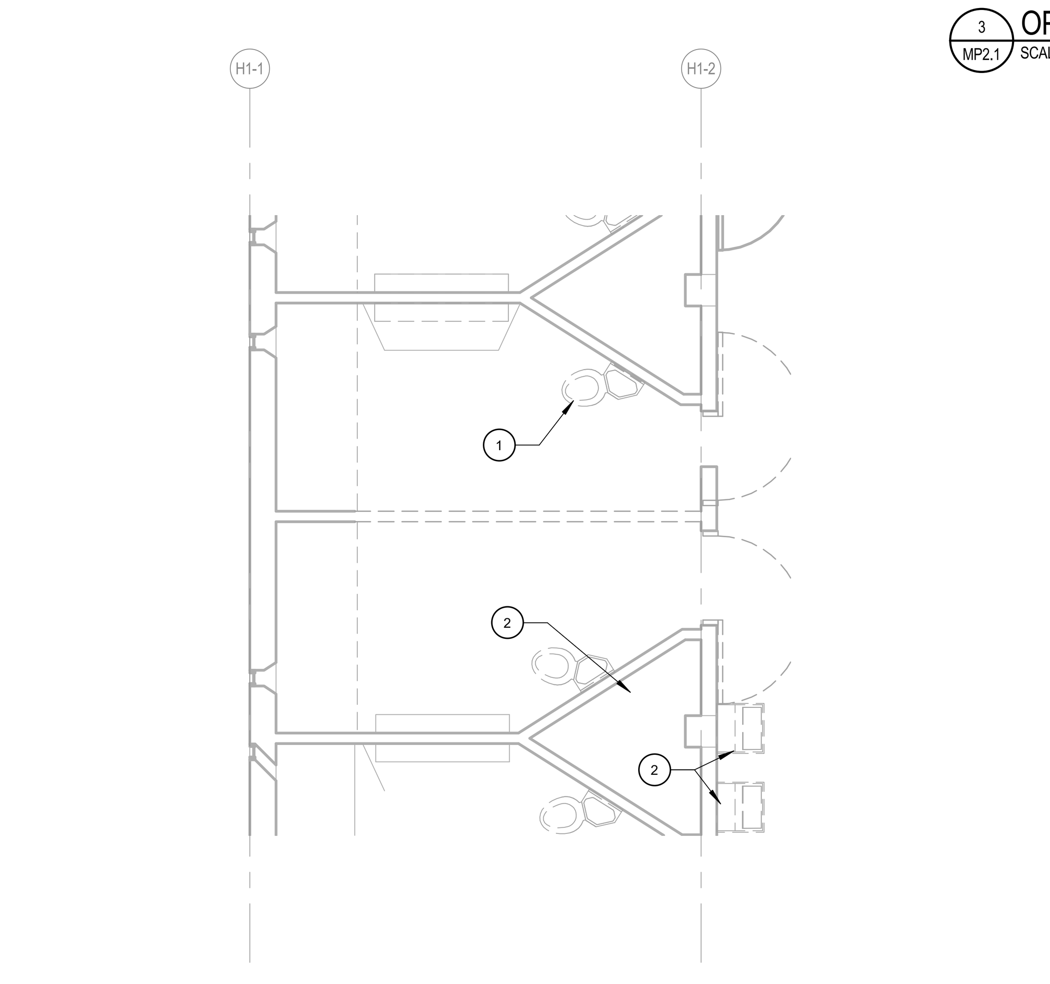
3 MP2.1 OPHU VISITION #122&123 - MECHANICAL & PLUMBING ENLARGED PLAN
SCALE: 1/4" = 1'-0"



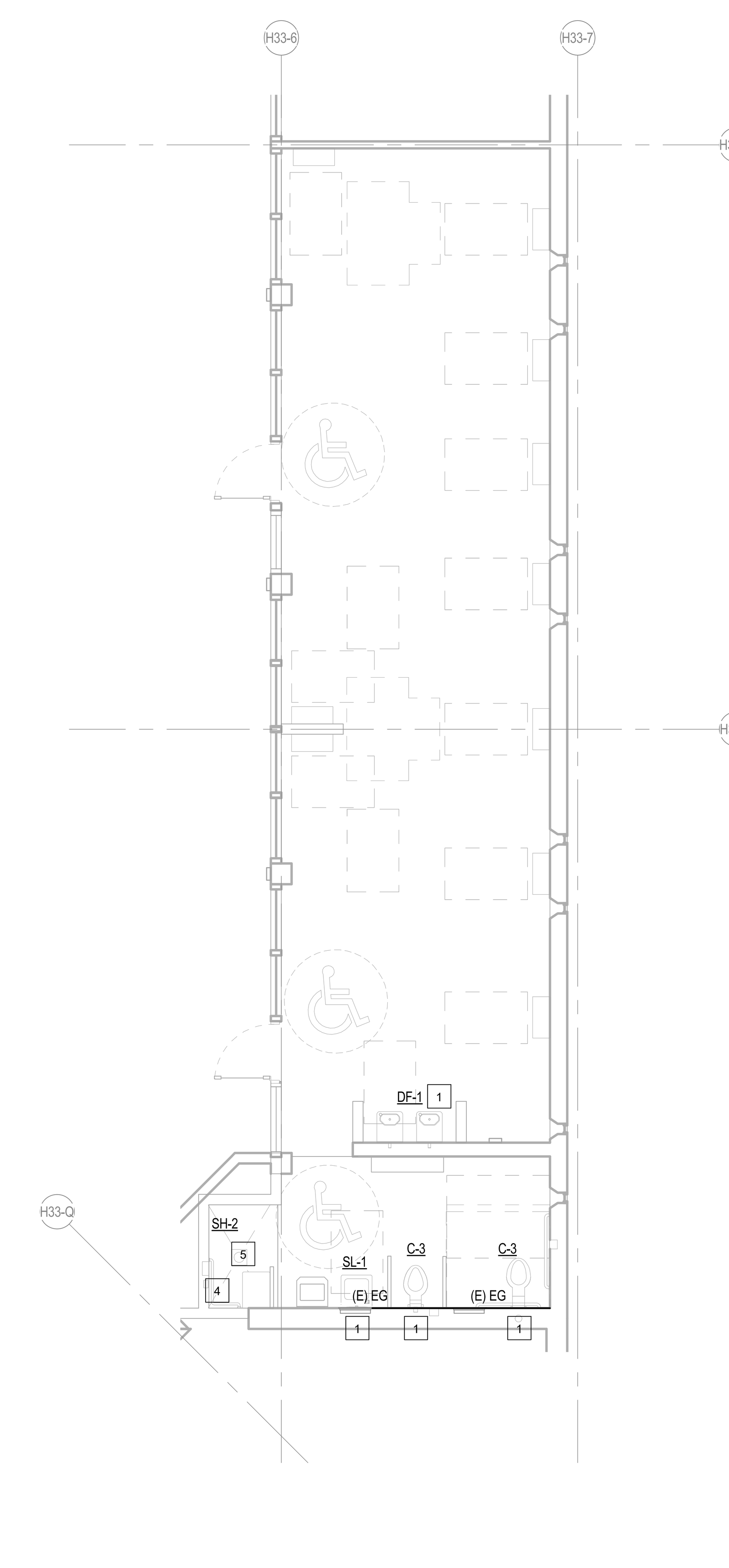
4 MP2.1 OPHU VISITION #122&123 - MECHANICAL & PLUMBING ENLARGED DEMO PLAN
SCALE: 1/4" = 1'-0"

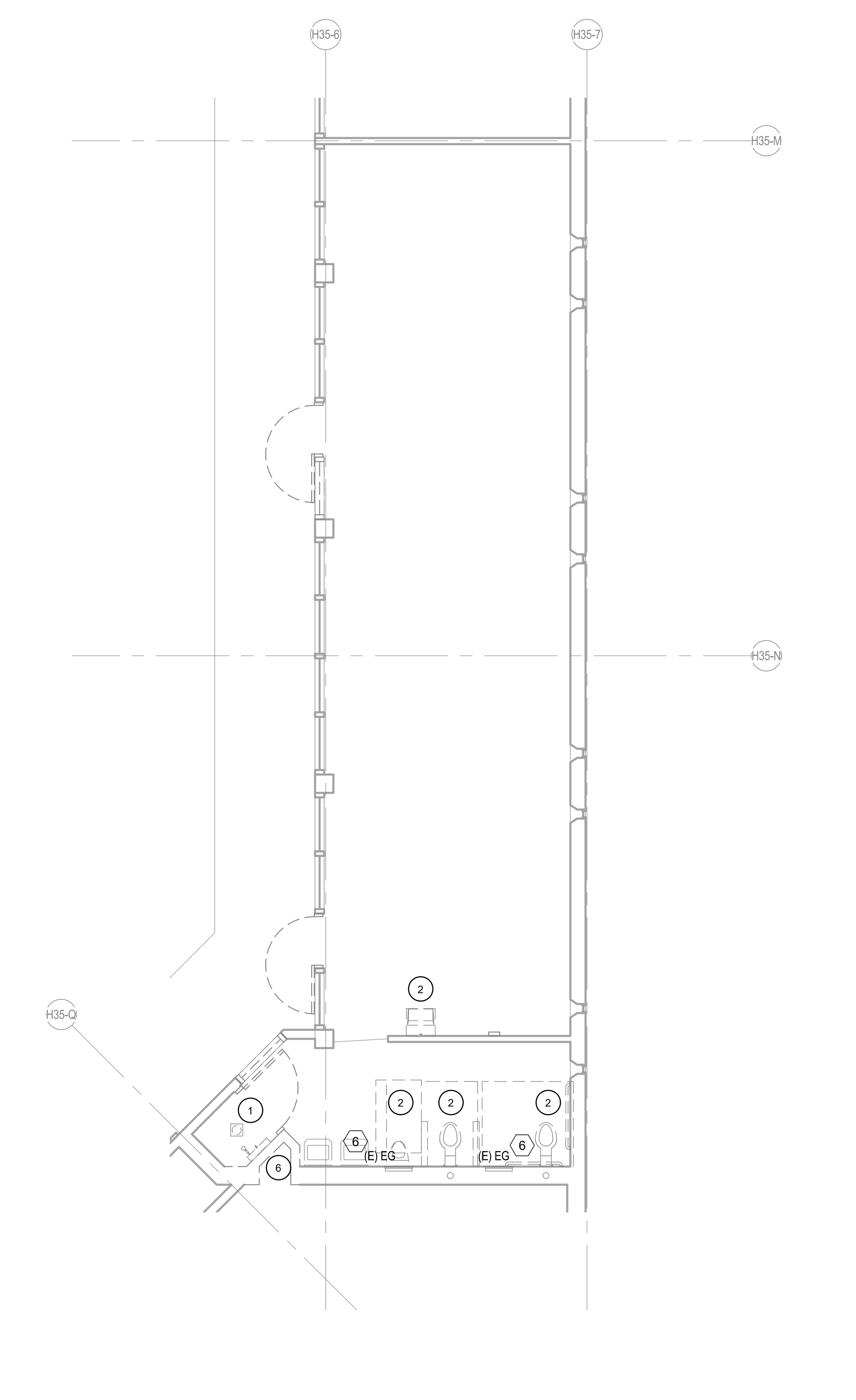


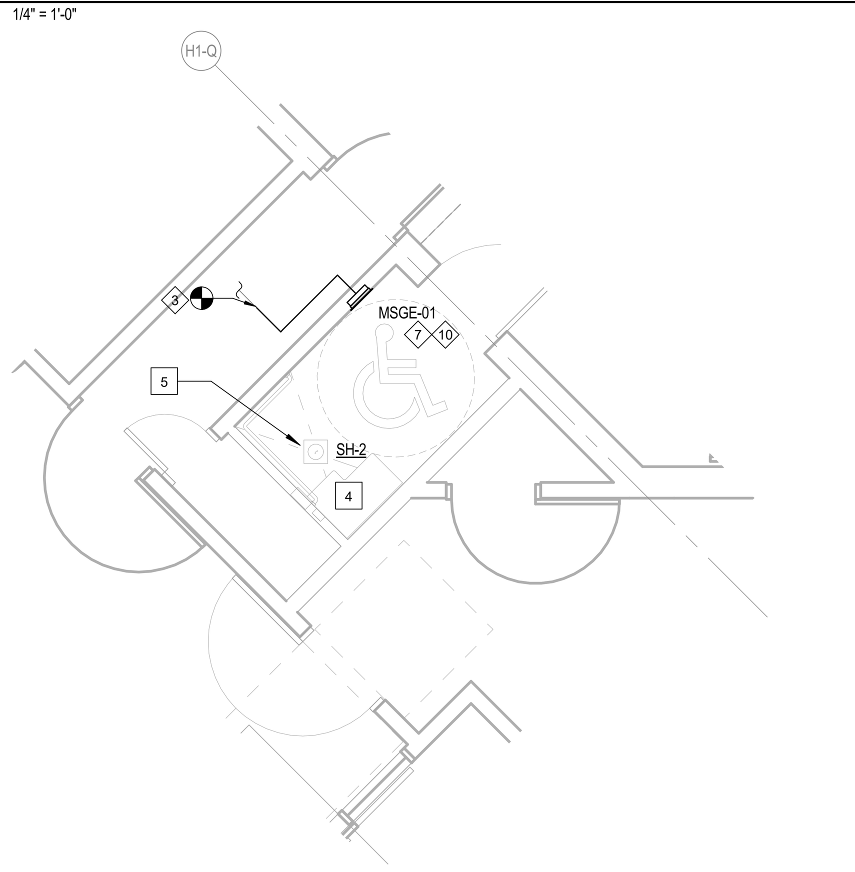
5 MP2.1 HOUSING DOUBLE CELL - MECHANICAL & PLUMBING ENLARGED PLAN
SCALE: 1/4" = 1'-0"



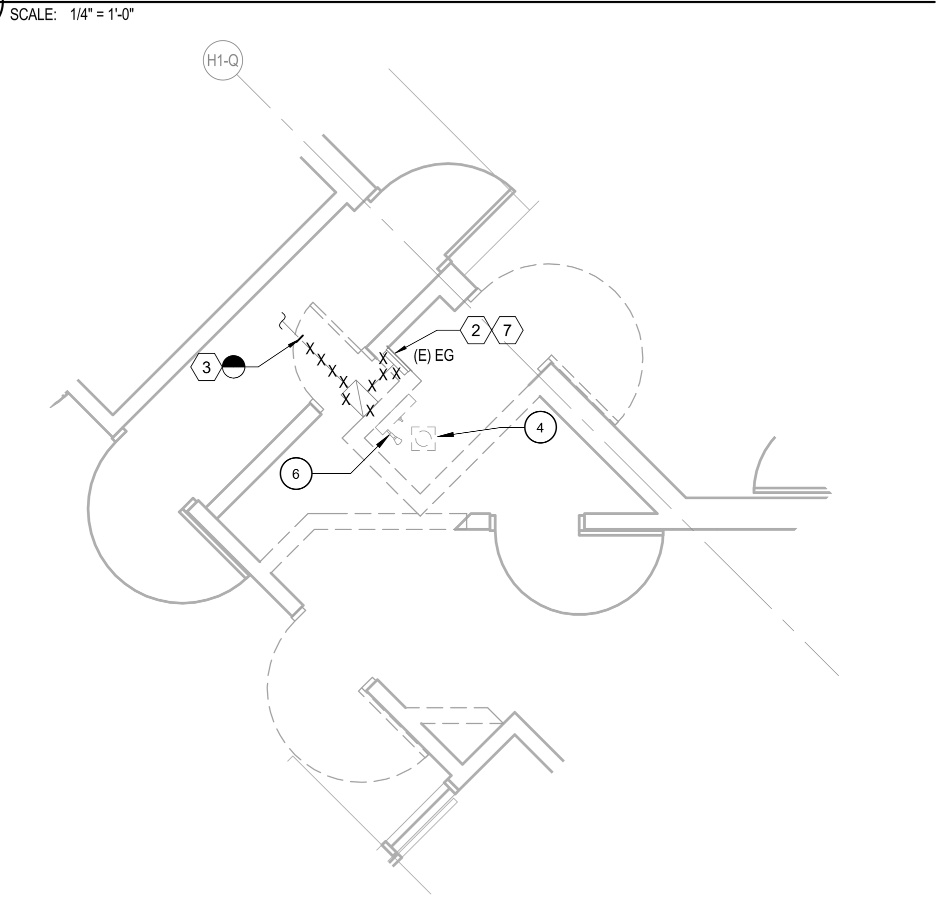
6 MP2.1 HOUSING DOUBLE CELL - MECHANICAL & PLUMBING ENLARGED DEMO PLAN
SCALE: 1/4" = 1'-0"







7 MP2.1 HOUSING SHOWER #104 - MECHANICAL & PLUMBING ENLARGED PLAN
SCALE: 1/4" = 1'-0"



8 MP2.1 HOUSING SHOWER #104 - MECHANICAL & PLUMBING ENLARGED DEMO PLAN
SCALE: 1/4" = 1'-0"

9 MP2.1 HOUSING DORM - MECHANICAL & PLUMBING ENLARGED PLAN
SCALE: 3/16" = 1'-0"

10 MP2.1 HOUSING DORM - MECHANICAL & PLUMBING ENLARGED DEMO PLAN
SCALE: 3/16" = 1'-0"

LEGEND NOTES

DEMO NOTES - PLUMBING

1. EXISTING FIXTURE TO BE REMOVED INCLUDING PNEUMATIC ACTUATORS (IF APPLICABLE). WASTE, VENT AND WATER PIPING TO BE REMOVED BACK TO MAIN AS CLOSE AS POSSIBLE AND CAP.
2. EXISTING FIXTURE TO BE REMOVED. WASTE, VENT AND WATER PIPING, INCLUDING PNEUMATIC ACTUATORS (IF APPLICABLE) SEE REMODEL NOTES FOR NEW INSTALLATION.
3. EXISTING FLOOR DRAIN TO REMAIN.
4. EXISTING FLOOR DRAIN TO BE REMOVED, INCLUDING ASSOCIATED TRAP PRIMER. REMOVE PIPE CLOSE TO MAIN AS POSSIBLE AND CAP UNLESS SAME PIPE WILL BE USED TO NEW DRAIN LOCATION.
5. EXISTING SHOWER ASSEMBLY TO BE REMOVED AND RELOCATED.
6. EXISTING SHOWER ASSEMBLY TO BE DEMOLISHED. SALVAGE SHOWER COMPONENTS TO OWNER.
7. CUT AND CAP EXISTING HOT WATER PIPING IN CHASE.

REMODEL NOTES - PLUMBING

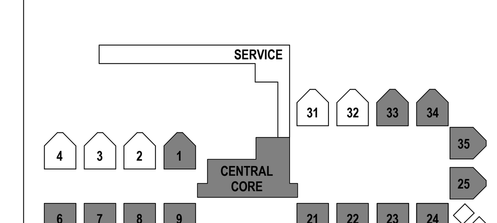
1. DFCONNECT WASTE, VENT AND WATER PIPING INCLUDING PNEUMATIC ACTUATORS (IF APPLICABLE) STRAIGHT DOWN TO FLOOR TO EXISTING.
2. CONNECT C-1, C-2 & C-3 TO NEW DOMESTIC WATER, IN CHASE. WASTE PIPING IS TO CONNECT STRAIGHT DOWN TO EXISTING PIPING. VERIFY THE SIZE OF THE EXISTING WASTE LINE IS 3"Ø MINIMUM, UPSIZE TO 3"Ø IF NECESSARY. VENT PIPING TO RUN BACK UP IN CHASE OR SHROUD.PROVIDE NEW ACTUATORS IF NECESSARY WITH WATER HAMMER ARRESTERS AND SHUT OFF VALVES. WHERE SHROUD IS EXTENDED INTO THE CORRIDOR, CONCEAL FLUSHOMETER VALVES IN THE SHROUD.
3. CONNECT DF-1, BF-1, SL-1 & L-1 TO DOMESTIC WATER, SEWER AND VENT IN CHASE.
4. EXISTING RELOCATED OR NEW SHOWER ASSEMBLY, RECONNECT WATER PIPING (HOT & COLD) BEHIND WALL.
5. RECONNECT NEW FD-1 TO EXISTING WASTE AND VENT PIPING.
6. EXISTING FLOOR DRAIN TO REMAIN.
7. EXTEND CW, HW TO FIXTURE IN CHASE. CONNECT (N) WASTE TO (E) WASTE PIPE BELOW AND (N) VENT TO (E) VENT IN CHASE.
8. HOT WATER BOTTLE FILLER BF-1 WITH EWH-1.

DEMO NOTES - MECHANICAL

1. DEMO EXISTING SUPPLY WALL GRILLE WITH ASSOCIATED DUCTWORK.
2. DEMO EXISTING EXHAUST WALL GRILLE WITH ASSOCIATED DUCTWORK.
3. DEMO EXISTING DUCTWORK TO POINT OF DISCONNECTION.
4. DEMO EXISTING CEILING DIFFUSER.
5. DEMO EXISTING EXHAUST GRILLE.
6. EXISTING GRILLE TO REMAIN.
7. CONTRACTOR TO PRE READ EXISTING AIR FLOW IN THE AREA OF WORK PRIOR TO DEMOLISION.
8. DEMO EXISTING DUCTWORK TO ABOVE SLAB.

REMODEL NOTES - MECHANICAL

1. PROVIDE NEW MSGS ON WALL. NEW MSGS SIZE AND HEIGHT TO MATCH EXISTING.
2. PROVIDE NEW MSGE ON WALL. NEW MSGE SIZE AND HEIGHT TO MATCH EXISTING.
3. CONNECT NEW DUCTWORK TO EXISTING AT POINT OF CONNECTION. NEW DUCTWORK SIZE TO MATCH EXISTING.
4. PROVIDE NEW CEILING DIFFUSER.
5. PROVIDE NEW EXHAUST GRILLE.
6. PROVIDE NEW MSGS ON METAL PANEL WALL. NEW MSG SIZE TO MATCH EXISTING.
7. PROVIDE NEW MSGE ON METAL PANEL WALL. NEW MSG SIZE TO MATCH EXISTING.
8. PROVIDE NEW MSGS ON CEILING.
9. PROVIDE NEW MSGE ON CEILING.
10. BALANCE AIR FLOW TO PRE READ EXISTING CFM IN THE AREA OF WORK.
11. CONNECT NEW DUCTWORK TO EXISTING ABOVE SLAB AT THE POINT OF CONNECTION. NEW DUCT SIZE TO MATCH EXISTING.
12. REBALANCE (E) GRILLE TO CFM INDICATED.



CONSTRUCTION DOCUMENTS
PHASE 2

5325 BRODER BLVD.
DUBLIN, CA
94568

MECHANICAL & PLUMBING ENLARGED PLANS
ALAMEDA CO. - SANTA RITA JAIL

MP2.1
75-17108-00
APRIL 24, 2017
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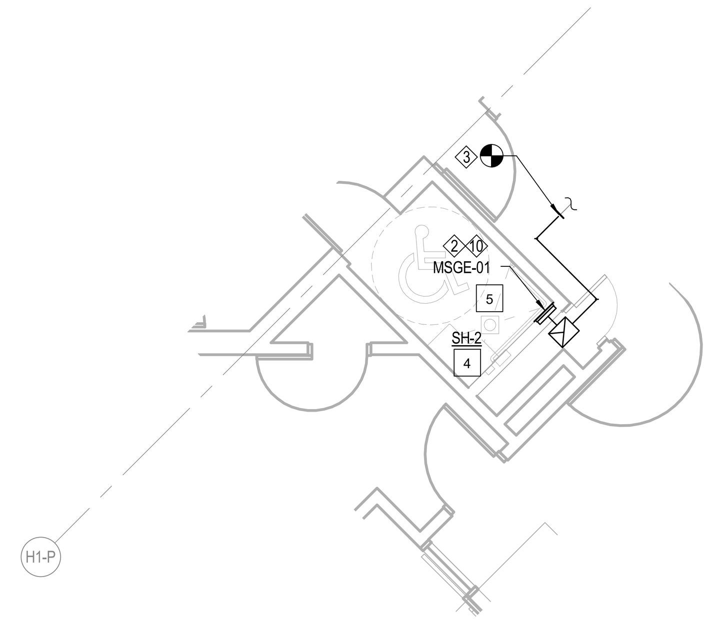
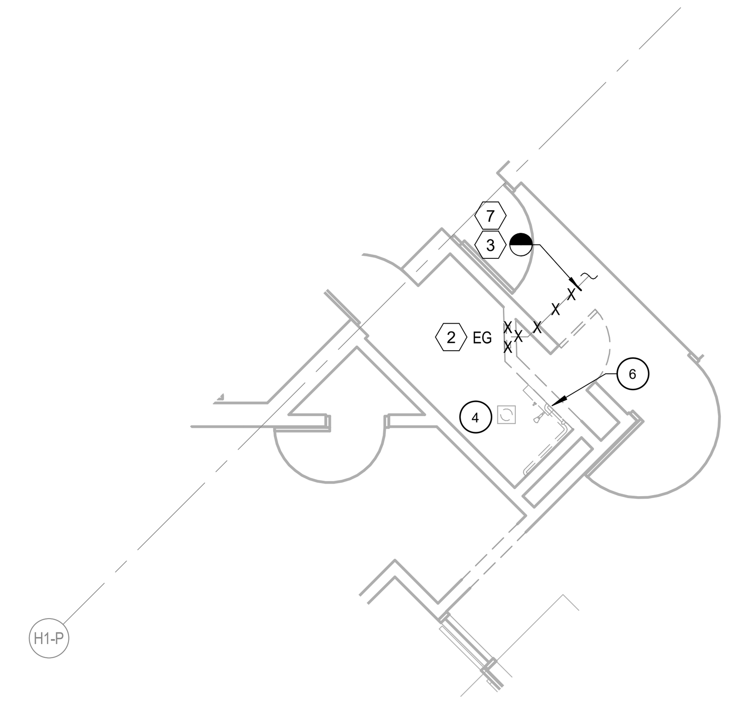
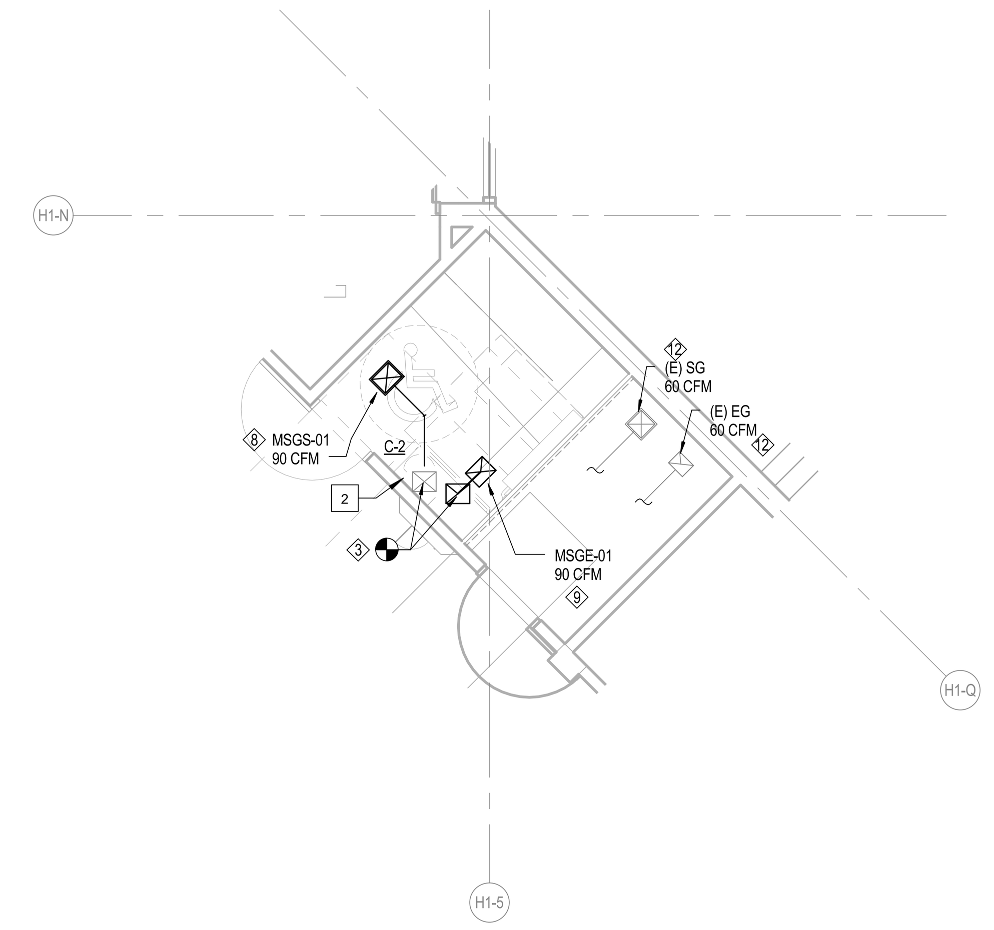


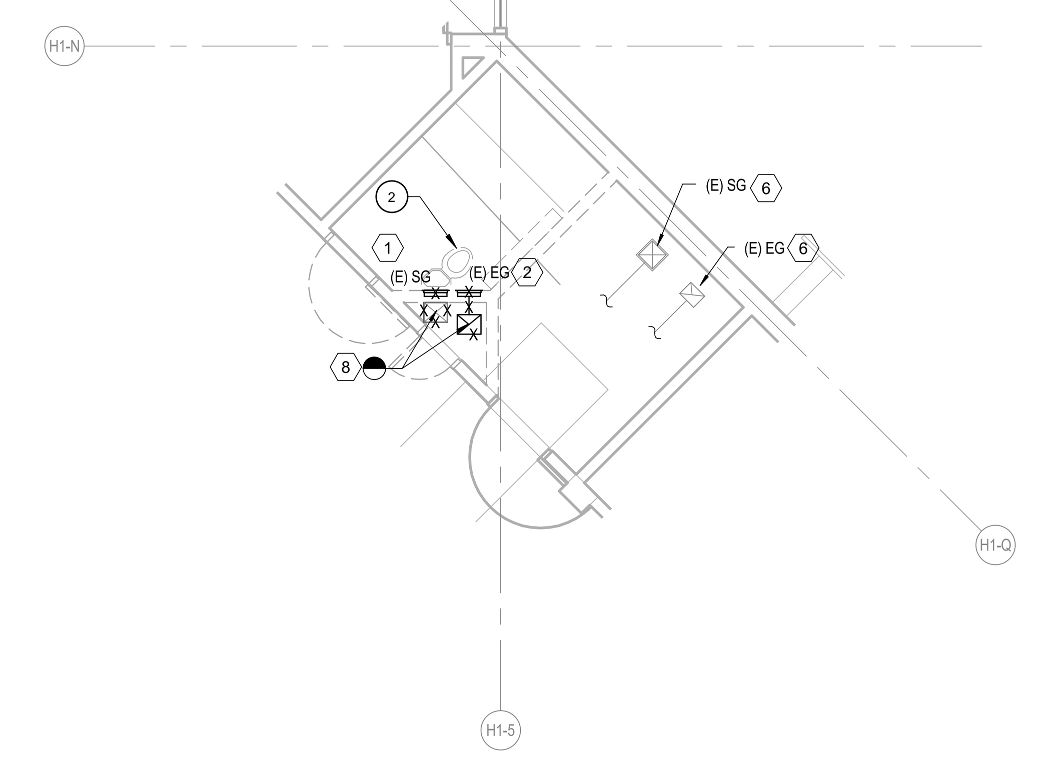
1 MP2.2 HOUSING SHOWER #117 - MECHANICAL & PLUMBING ENLARGED PLAN
SCALE: 3/16" = 1'-0"



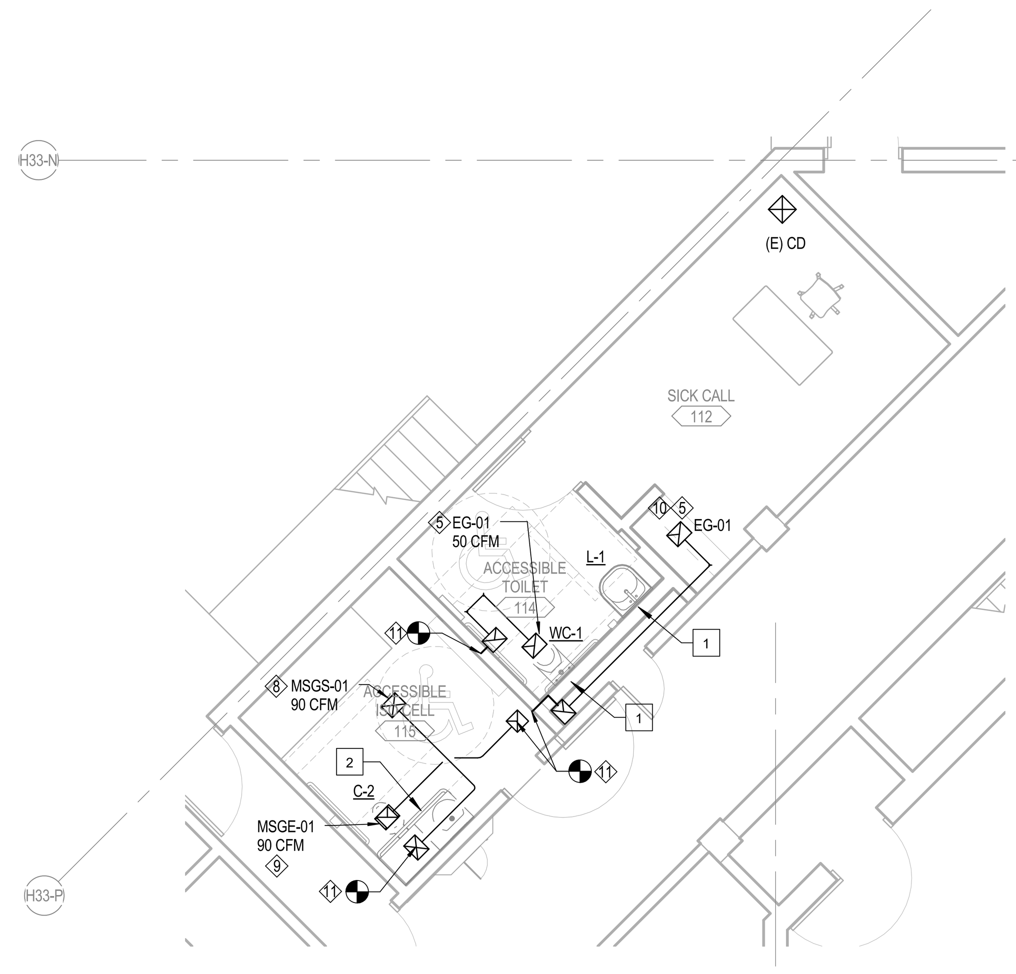
2 MP2.2 HOUSING SHOWER #117 - MECHANICAL & PLUMBING ENLARGED DEMO PLAN
SCALE: 3/16" = 1'-0"



3 MP2.2 HOUSING (CELL) ISO. CELL #108A - MECHANICAL & PLUMBING ENLARGED PLAN
SCALE: 3/16" = 1'-0"



4 MP2.2 HOUSING (CELL) ISO.CELL #108A - MECHANICAL & PLUMBING ENLARGED DEMO PLAN
SCALE: 3/16" = 1'-0"



5 MP2.2 HOUSING (DORM) ISO.CELL #115A - ENLARGED PLAN
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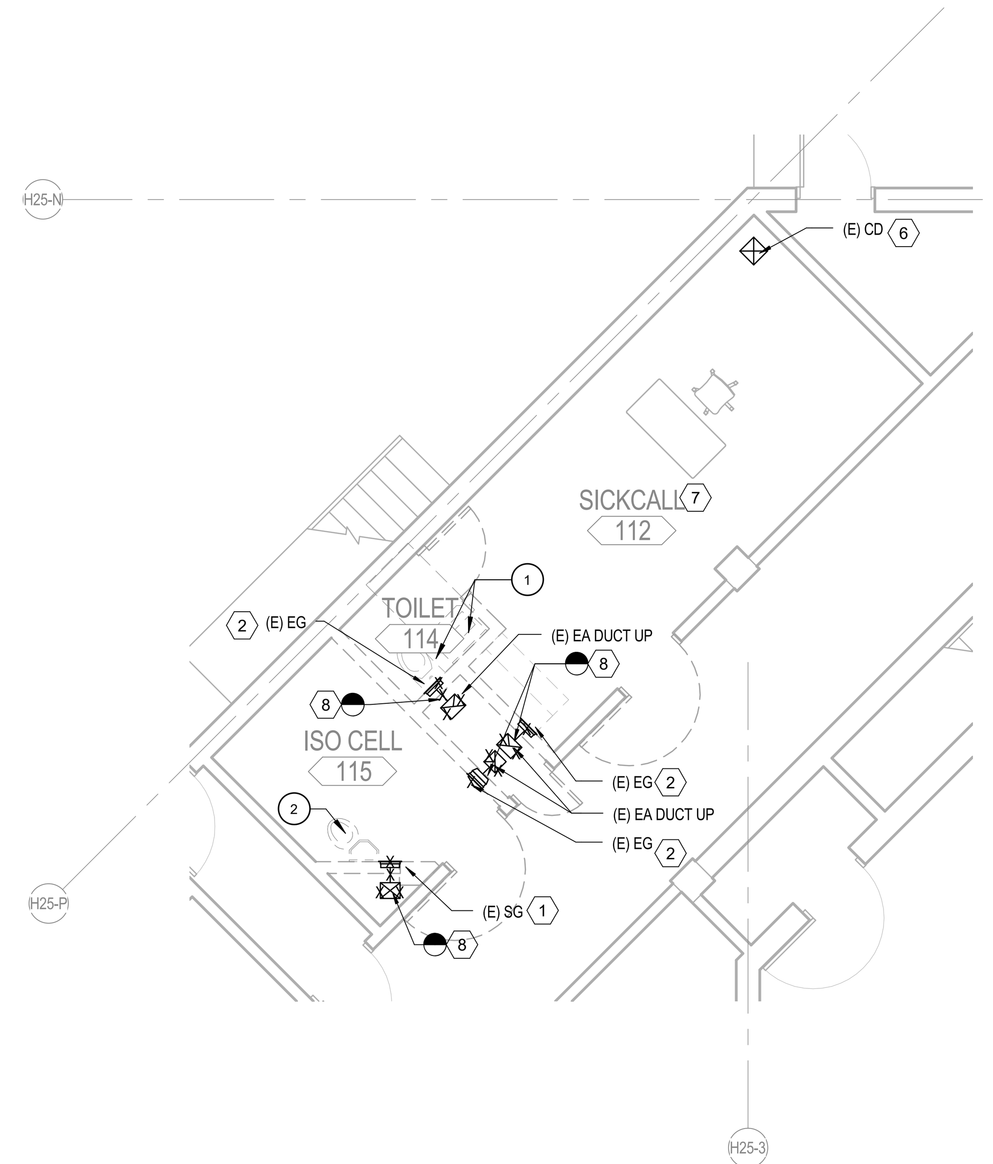
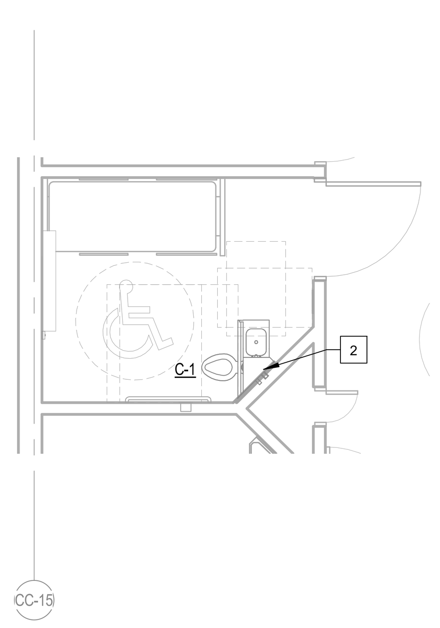
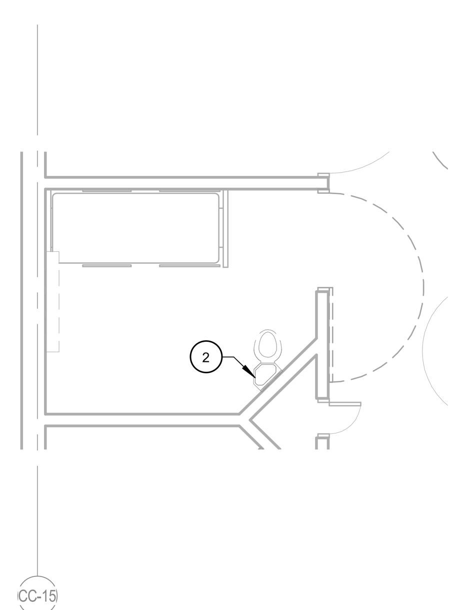


6 MP2.2 HOUSING (DORM) ISO.CELL #115A - ENLARGED DEMO PLAN
SCALE: 3/16" = 1'-0"



8 MP2.2 OPHU CELL #143 - ENLARGED PLAN
SCALE: 3/16" = 1'-0"



9 MP2.2 OPHU CELL #143 - ENLARGED DEMO PLAN
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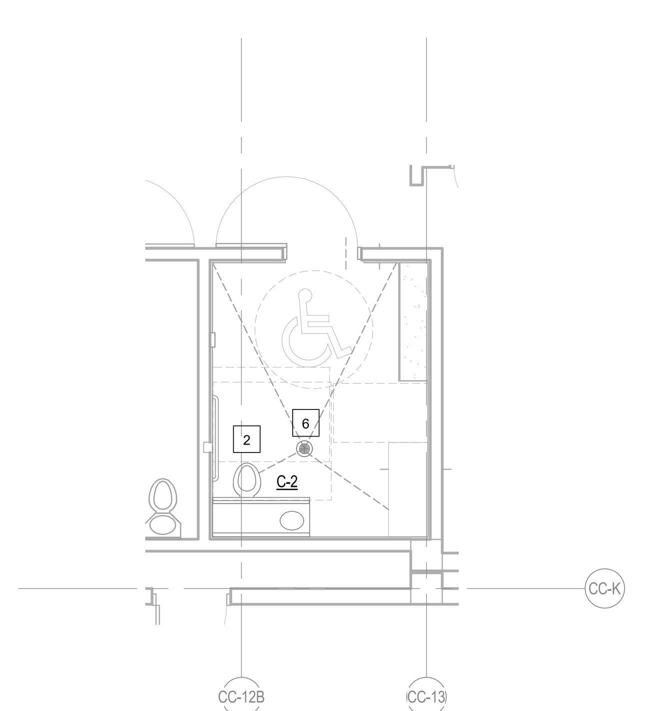

10 MP2.2 SOBERING CELL #524A - ENLARGED PLAN
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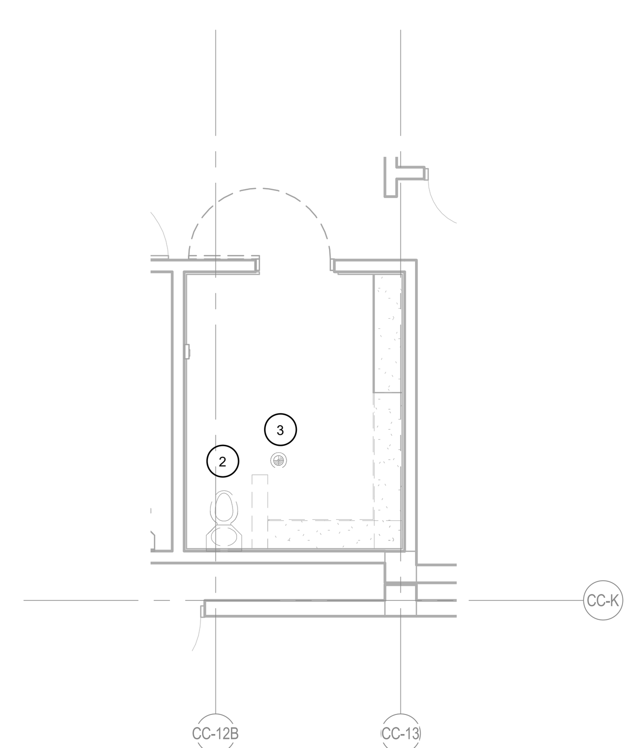

11 MP2.2 SOBERING CELL #524A - ENLARGED DEMO PLAN
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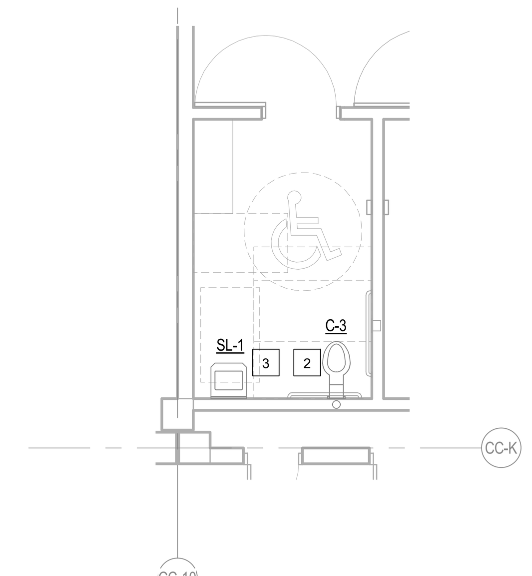

12 MP2.2 TEMP. HOLDING CELL #518A - ENLARGED PLAN
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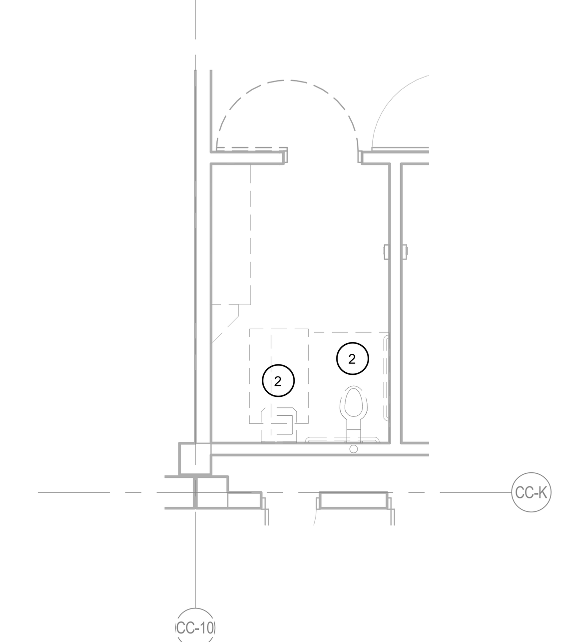


13 MP2.2 TEMP. HOLDING CELL #518A - ENLARGED DEMO PLAN
SCALE: 3/16" = 1'-0"

LEGEND NOTES

DEMO NOTES - PLUMBING

1. EXISTING FIXTURE TO BE REMOVED INCLUDING PNEUMATIC ACTUATORS (IF APPLICABLE). WASTE, VENT AND WATER PIPING TO BE REMOVED BACK TO MAIN AS CLOSE AS POSSIBLE AND CAP.
2. EXISTING FIXTURE TO BE REMOVED. WASTE, VENT AND WATER PIPING, INCLUDING PNEUMATIC ACTUATORS (IF APPLICABLE) SEE REMODEL NOTES FOR NEW INSTALLATION.
3. EXISTING FLOOR DRAIN TO REMAIN.
4. EXISTING FLOOR DRAIN TO BE REMOVED, INCLUDING ASSOCIATED TRAP PRIMER. REMOVE PIPE CLOSE TO MAIN AS POSSIBLE AND CAP UNLESS SAME PIPE WILL BE USED TO NEW DRAIN LOCATION.
5. EXISTING SHOWER ASSEMBLY TO BE REMOVED AND RELOCATED.
6. EXISTING SHOWER ASSEMBLY TO BE DEMOLISHED. SALVAGE SHOWER COMPONENTS TO OWNER.
7. CUT AND CAP EXISTING HOT WATER PIPING IN CHASE.

REMODEL NOTES - PLUMBING

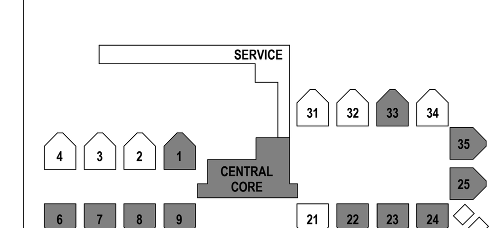
1. DFCONNECT WASTE, VENT AND WATER PIPING INCLUDING PNEUMATIC ACTUATORS (IF APPLICABLE) STRAIGHT DOWN TO FLOOR TO EXISTING.
2. CONNECT C-1, C-2 & C-3 TO NEW DOMESTIC WATER, IN CHASE. WASTE PIPING IS TO CONNECT STRAIGHT DOWN TO EXISTING PIPING. VERIFY THE SIZE OF THE EXISTING WASTE LINE IS 3"Ø MINIMUM, UPSIZE TO 3"Ø IF NECESSARY. VENT PIPING TO RUN BACK UP IN CHASE OR SHROUD.PROVIDE NEW ACTUATORS IF NECESSARY WITH WATER HAMMER ARRESTERS AND SHUT OFF VALVES. WHERE SHROUD IS EXTENDED INTO THE CORRIDOR, CONCEAL FLUSHOMETER VALVES IN THE SHROUD.
3. CONNECT DF-1, BF-1, SL-1 & L-1 TO DOMESTIC WATER, SEWER AND VENT IN CHASE.
4. EXISTING RELOCATED OR NEW SHOWER ASSEMBLY, RECONNECT WATER PIPING (HOT & COLD) BEHIND WALL.
5. RECONNECT NEW FD-1 TO EXISTING WASTE AND VENT PIPING.
6. EXISTING FLOOR DRAIN TO REMAIN.
7. EXTEND CW, HW TO FIXTURE IN CHASE. CONNECT (N) WASTE TO (E) WASTE PIPE BELOW AND (N) VENT TO (E) VENT IN CHASE.
8. HOT WATER BOTTLE FILLER BF-1 WITH EWH-1.

DEMO NOTES - MECHANICAL

1. DEMO EXISTING SUPPLY WALL GRILLE WITH ASSOCIATED DUCTWORK.
2. DEMO EXISTING EXHAUST WALL GRILLE WITH ASSOCIATED DUCTWORK.
3. DEMO EXISTING DUCTWORK TO POINT OF DISCONNECTION.
4. DEMO EXISTING CEILING DIFFUSER.
5. DEMO EXISTING EXHAUST GRILLE.
6. EXISTING GRILLE TO REMAIN.
7. CONTRACTOR TO PRE READ EXISTING AIR FLOW IN THE AREA OF WORK BEFORE DEMOLISION.
8. DEMO EXISTING DUCTWORK TO ABOVE SLAB.

REMODEL NOTES

1. PROVIDE NEW MSGS ON WALL. NEW MSGS SIZE AND HEIGHT TO MATCH EXISTING.
2. PROVIDE NEW MSGE ON WALL. NEW MSGE SIZE AND HEIGHT TO MATCH EXISTING.
3. CONNECT NEW DUCTWORK TO EXISTING AT POINT OF CONNECTION. NEW DUCTWORK SIZE TO MATCH EXISTING.
4. PROVIDE NEW CEILING DIFFUSER.
5. PROVIDE NEW EXHAUST GRILLE.
6. PROVIDE NEW MSGS ON METAL PANEL WALL. NEW MSG SIZE TO MATCH EXISTING.
7. PROVIDE NEW MSGE ON METAL PANEL WALL. NEW MSG SIZE TO MATCH EXISTING.
8. PROVIDE NEW MSGS ON CEILING.
9. PROVIDE NEW MSGE ON CEILING.
10. BALANCE AIR FLOW TO PRE READ EXISTING CFM IN THE AREA OF WORK.
11. CONNECT NEW DUCTWORK TO EXISTING ABOVE SLAB AT THE POINT OF CONNECTION. NEW DUCT SIZE TO MATCH EXISTING.
12. REBALANCE (E) GRILLE TO CFM INDICATED.

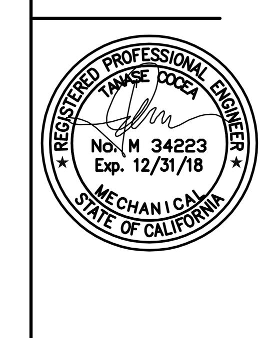


CONSTRUCTION DOCUMENTS
PHASE 2

5325 BRODER BLVD.
DUBLIN, CA 94568

MECHANICAL & PLUMBING ENLARGED PLANS
ALAMEDA CO. - SANTA RITA JAIL

MP2.2
75-17108-00
APRIL 24, 2017
Revisions



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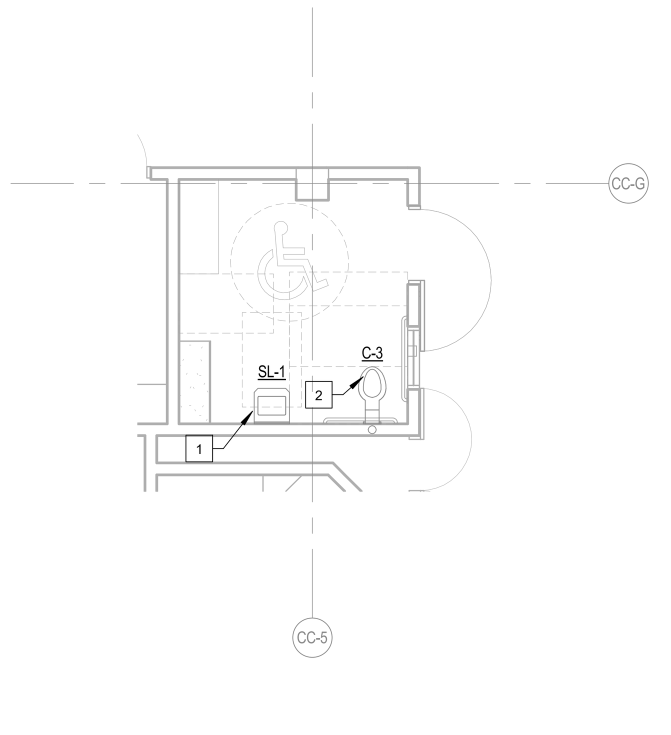
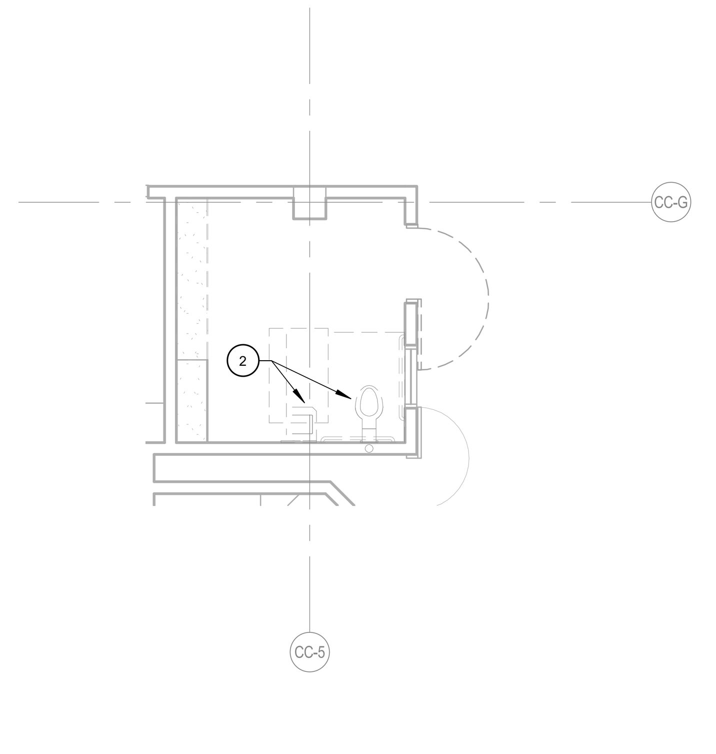
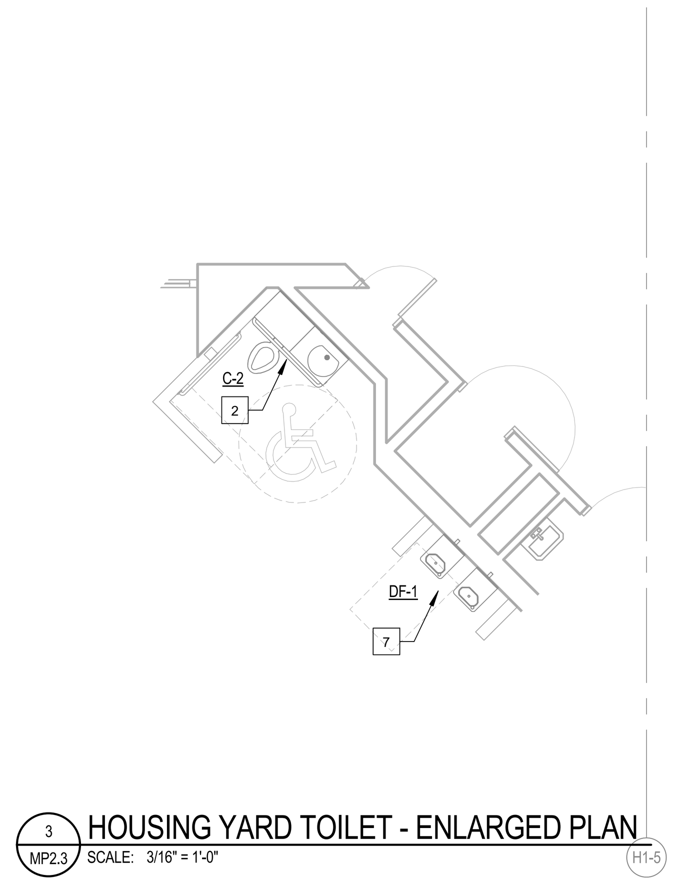


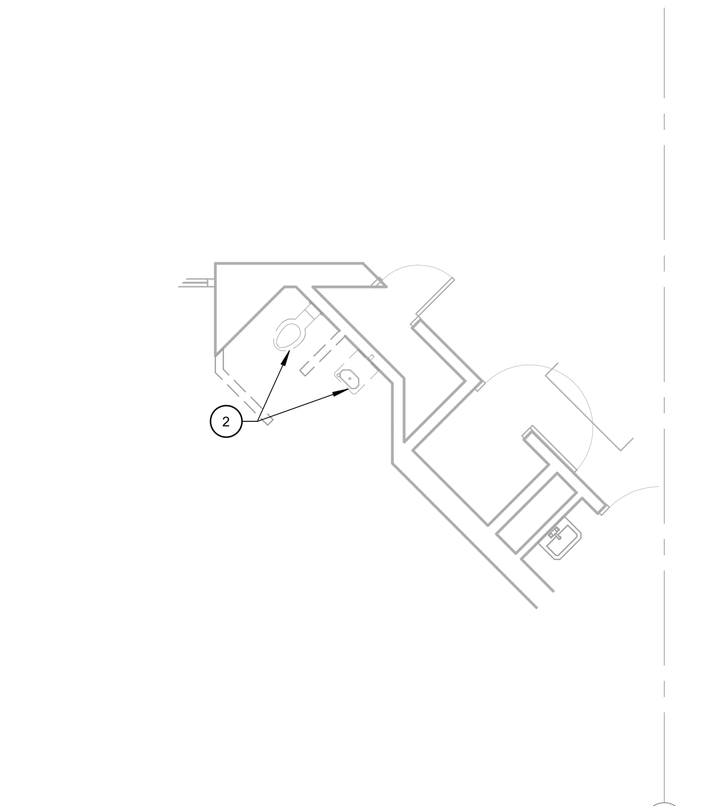
1 MP2.3 TRANSFER CELL #531A - ENLARGED PLAN
SCALE: 3/16" = 1'-0"



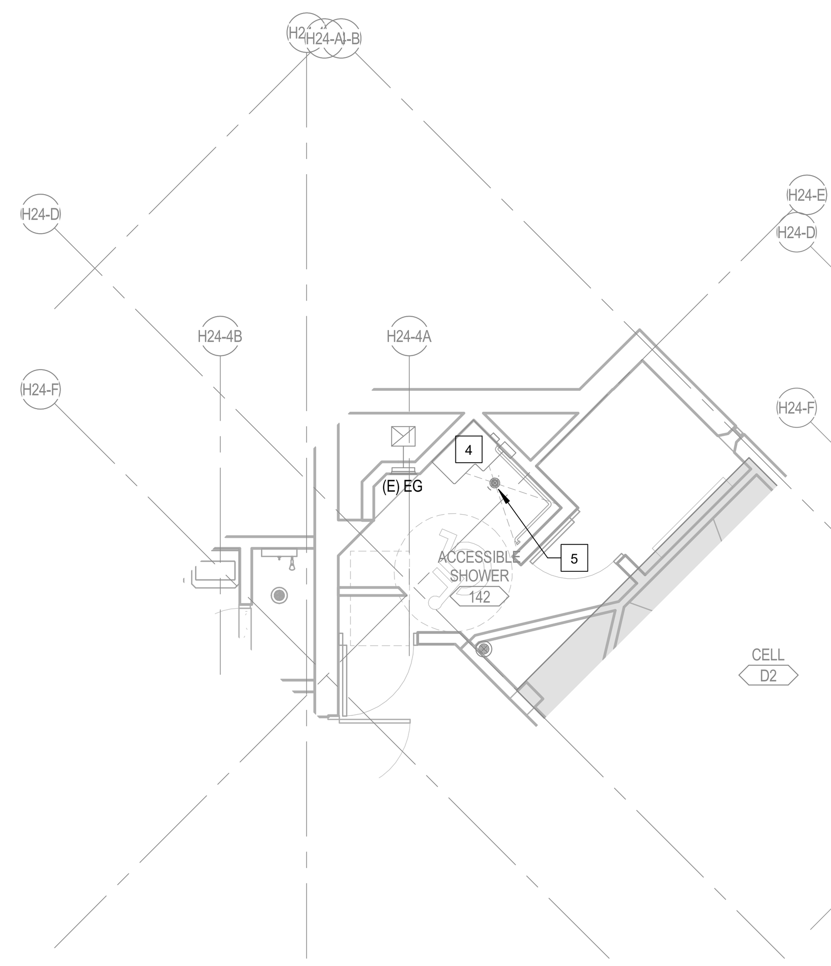
2 MP2.3 TRANSFER CELL #531A - ENLARGED DEMO PLAN
SCALE: 3/16" = 1'-0"



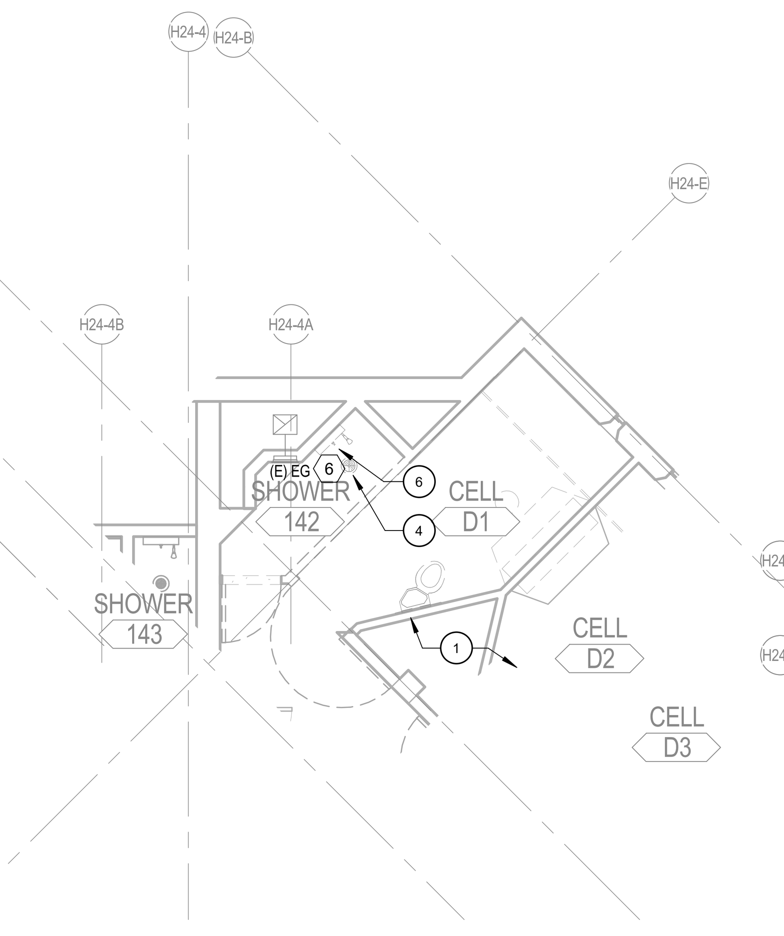
3 MP2.3 HOUSING YARD TOILET - ENLARGED PLAN
SCALE: 3/16" = 1'-0"



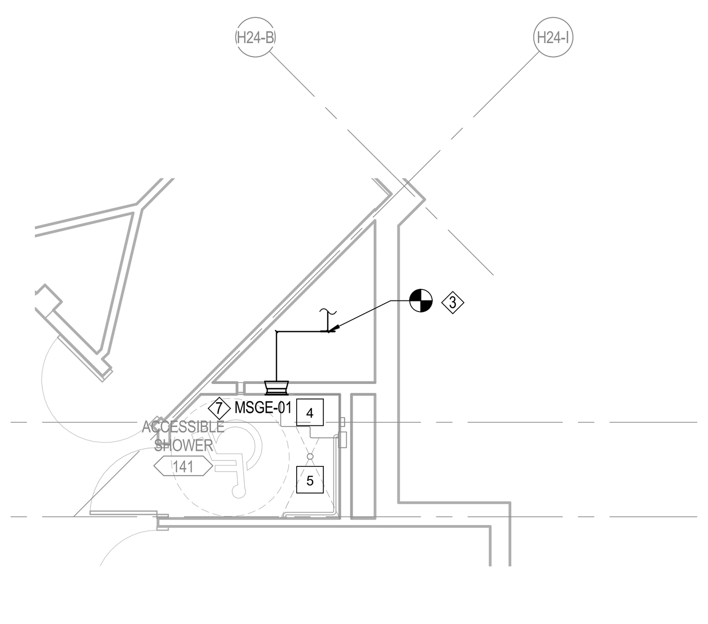
4 MP2.3 HOUSING YARD TOILET - ENLARGED DEMO PLAN
SCALE: 3/16" = 1'-0"



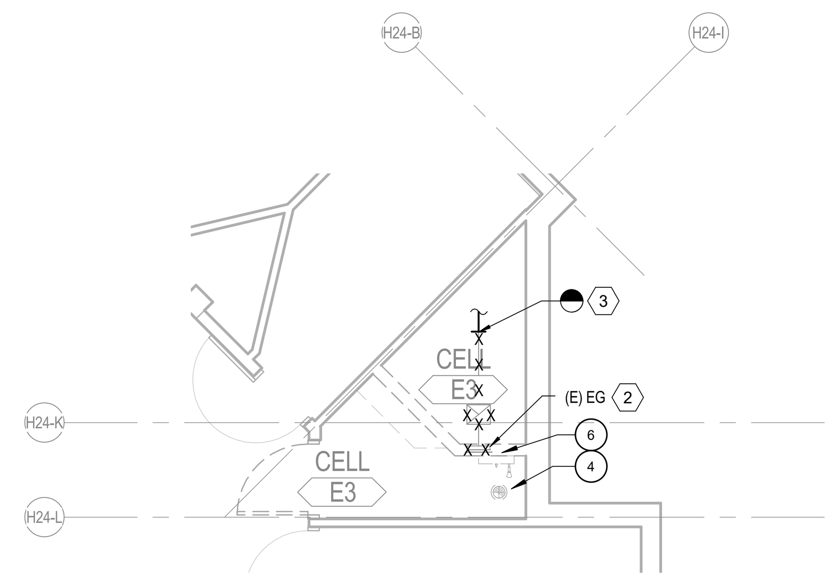
5 MP2.3 HOUSING SHOWER #142 - ENLARGED PLAN
SCALE: 3/16" = 1'-0"



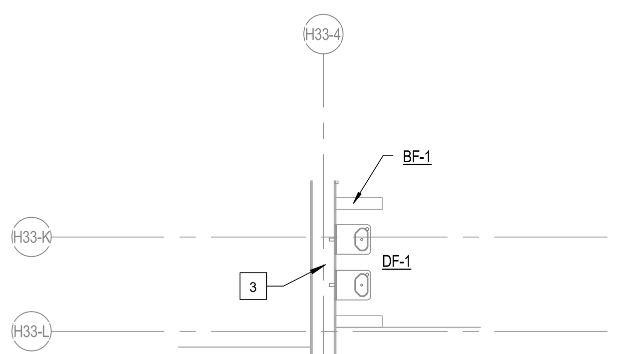
6 MP2.3 HOUSING SHOWER #142 - ENLARGED DEMO PLAN
SCALE: 3/16" = 1'-0"



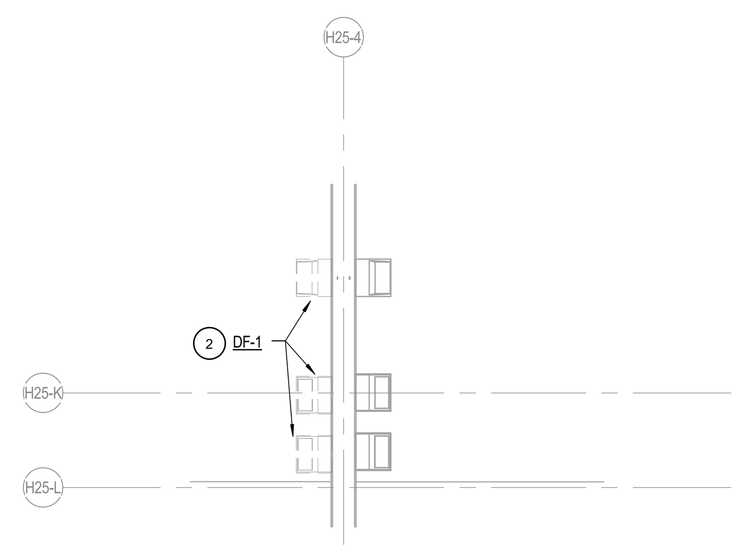
7 MP2.3 HOUSING SHOWER #141 - ENLARGED PLAN
SCALE: 3/16" = 1'-0"



8 MP2.3 HOUSING SHOWER #141 - ENLARGED DEMO PLAN
SCALE: 3/16" = 1'-0"



9 MP2.3 HOUSING DINING RM. DRINKING FOUNTAIN-NEW WORK ENLARGED PLAN
SCALE: 3/16" = 1'-0"



10 MP2.3 HOUSING DINING RM. DRINKING FOUNTAIN-DEMO ENLARGED PLAN
SCALE: 3/16" = 1'-0"

LEGEND NOTES

DEMO NOTES - PLUMBING

1. EXISTING FIXTURE TO BE REMOVED INCLUDING PNEUMATIC ACTUATORS (IF APPLICABLE). WASTE, VENT AND WATER PIPING TO BE REMOVED BACK TO MAIN AS CLOSE AS POSSIBLE AND CAP.
2. EXISTING FIXTURE TO BE REMOVED. WASTE, VENT AND WATER PIPING, INCLUDING PNEUMATIC ACTUATORS (IF APPLICABLE) SEE REMODEL NOTES FOR NEW INSTALLATION.
3. EXISTING FLOOR DRAIN TO REMAIN.
4. EXISTING FLOOR DRAIN TO BE REMOVED, INCLUDING ASSOCIATED TRAP PRIMER. REMOVE PIPE CLOSE TO MAIN AS POSSIBLE AND CAP UNLESS SAME PIPE WILL BE USED TO NEW DRAIN LOCATION.
5. EXISTING SHOWER ASSEMBLY TO BE REMOVED AND RELOCATED.
6. EXISTING SHOWER ASSEMBLY TO BE DEMOLISHED. SALVAGE SHOWER COMPONENTS TO OWNER.
7. CUT AND CAP EXISTING HOT WATER PIPING IN CHASE.

REMODEL NOTES - PLUMBING

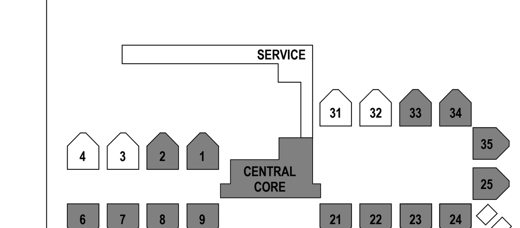
1. DFCONNECT WASTE, VENT AND WATER PIPING INCLUDING PNEUMATIC ACTUATORS (IF APPLICABLE) STRAIGHT DOWN TO FLOOR TO EXISTING.
2. CONNECT C-1, C-2 & C-3 TO NEW DOMESTIC WATER, IN CHASE. WASTE PIPING IS TO CONNECT STRAIGHT DOWN TO EXISTING PIPING. VERIFY THE SIZE OF THE EXISTING WASTE LINE IS 3"Ø MINIMUM, UPSIZE TO 3"Ø IF NECESSARY. VENT PIPING TO RUN BACK UP IN CHASE OR SHROUD.PROVIDE NEW ACTUATORS IF NECESSARY WITH WATER HAMMER ARRESTERS AND SHUT OFF VALVES. WHERE SHROUD IS EXTENDED INTO THE CORRIDOR, CONCEAL FLUSHOMETER VALVES IN THE SHROUD.
3. CONNECT DF-1, BF-1, SL-1 & L-1 TO DOMESTIC WATER, SEWER AND VENT IN CHASE.
4. EXISTING RELOCATED OR NEW SHOWER ASSEMBLY, RECONNECT WATER PIPING (HOT & COLD) BEHIND WALL.
5. RECONNECT NEW FD-1 TO EXISTING WASTE AND VENT PIPING.
6. EXISTING FLOOR DRAIN TO REMAIN.
7. EXTEND CW, HW TO FIXTURE IN CHASE. CONNECT (N) WASTE TO (E) WASTE PIPE BELOW AND (N) VENT TO (E) VENT IN CHASE.
8. HOT WATER BOTTLE FILLER BF-1 WITH EWH-1.

DEMO NOTES - MECHANICAL

1. DEMO EXISTING SUPPLY WALL GRILLE WITH ASSOCIATED DUCTWORK.
2. DEMO EXISTING EXHAUST WALL GRILLE WITH ASSOCIATED DUCTWORK.
3. DEMO EXISTING DUCTWORK TO POINT OF DISCONNECTION.
4. DEMO EXISTING CEILING DIFFUSER.
5. DEMO EXISTING EXHAUST GRILLE.
6. EXISTING GRILLE TO REMAIN.
7. CONTRACTOR TO PRE READ EXISTING AIR FLOW IN THE AREA OF WORK BEFORE DEMOLISION.
8. DEMO EXISTING DUCTWORK TO ABOVE SLAB.

REMODEL NOTES

1. PROVIDE NEW MSGS ON WALL. NEW MSGS SIZE AND HEIGHT TO MATCH EXISTING.
2. PROVIDE NEW MSGE ON WALL. NEW MSGE SIZE AND HEIGHT TO MATCH EXISTING.
3. CONNECT NEW DUCTWORK TO EXISTING AT POINT OF CONNECTION. NEW DUCTWORK SIZE TO MATCH EXISTING.
4. PROVIDE NEW CEILING DIFFUSER.
5. PROVIDE NEW EXHAUST GRILLE.
6. PROVIDE NEW MSGS ON METAL PANEL WALL. NEW MSG SIZE TO MATCH EXISTING.
7. PROVIDE NEW MSGE ON METAL PANEL WALL. NEW MSG SIZE TO MATCH EXISTING.
8. PROVIDE NEW MSGS ON CEILING.
9. PROVIDE NEW MSGE ON CEILING.
10. BALANCE AIR FLOW TO PRE READ EXISTING CFM IN THE AREA OF WORK.
11. CONNECT NEW DUCTWORK TO EXISTING ABOVE SLAB AT THE POINT OF CONNECTION. NEW DUCT SIZE TO MATCH EXISTING.
12. REBALANCE (E) GRILLE TO CFM INDICATED.

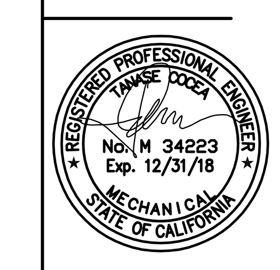


CONSTRUCTION DOCUMENTS
PHASE 2

5325 BRODER BLVD.
DUBLIN, CA 94568

MECHANICAL & PLUMBING ENLARGED PLANS
ALAMEDA CO. - SANTA RITA JAIL

MP2.3
75-17108-00
APRIL 24, 2017
Revisions



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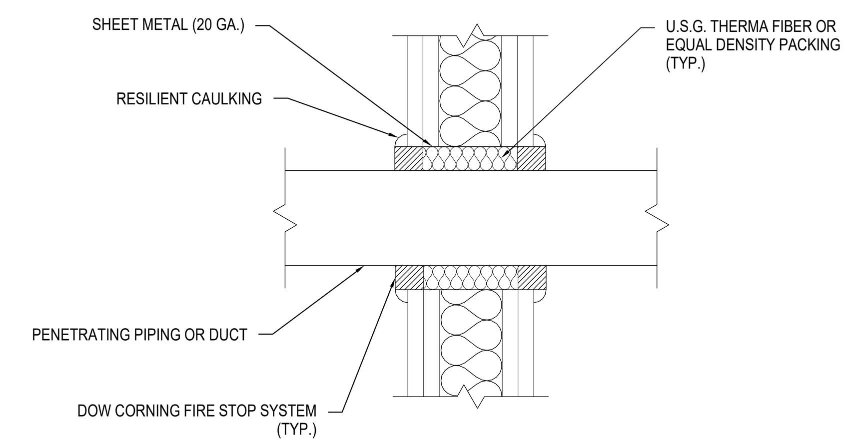


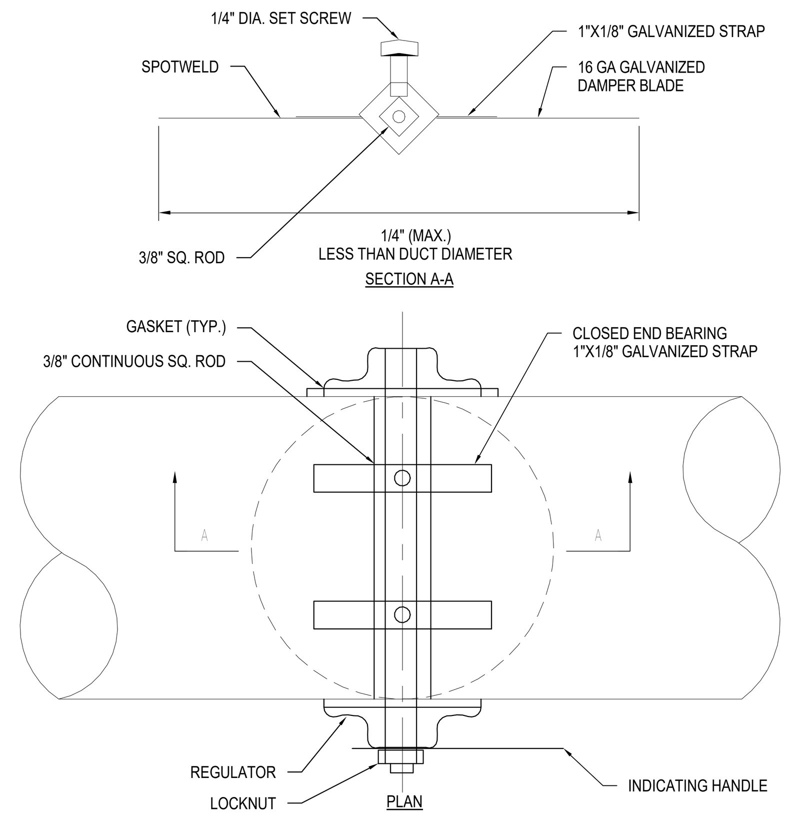
NOTES:

1. TYPICAL FOR ALL DUCTS & PIPING PENETRATING FAN ROOM, MECHANICAL ROOM AND SHAFT WALLS.
2. IF WALL IS A SECURITY BARRIER, SEE 23/SP-2.6 FOR ADDITIONAL SECURITY PENETRATION REQUIREMENTS.

DUCT THRU WALL PENETRATION

1 / M5.1

NOT TO SCALE



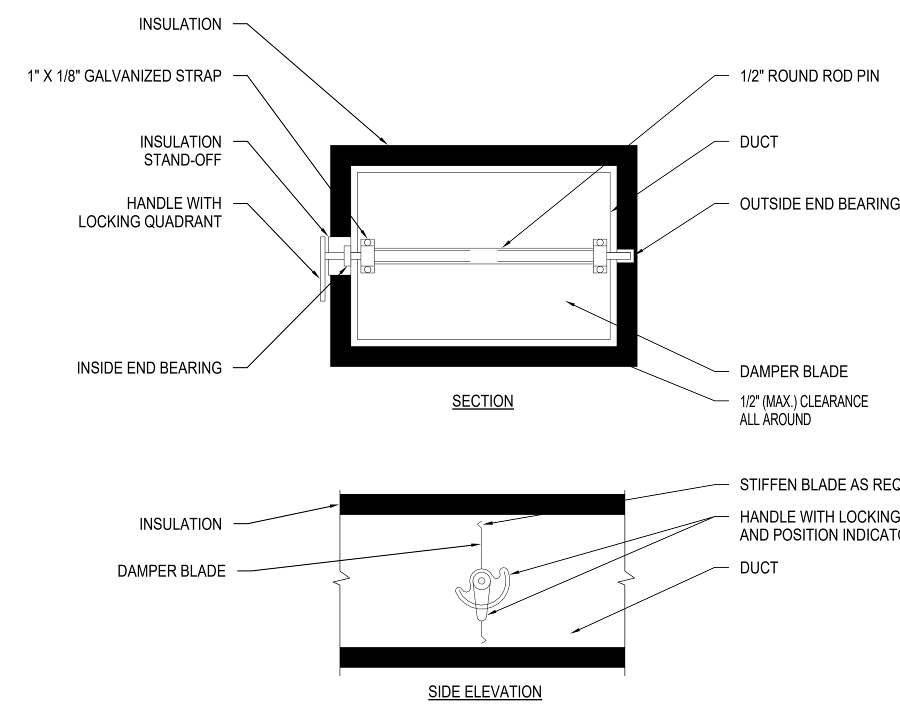
NOTES:

1. LOCK DAMPER DURING AIR BALANCE AND MARK QUADRANT TO RECORD AIR BALANCED DAMPER POSITION POSITION.
2. PROVIDE "HAT" SECTION AT QUADRANT FOR ALL EXTERNALLY INSULATED DUCTWORK.
3. PROVIDE FLUORESCENT COLORED MARKERS AT ALL VOLUME DAMPERS LOCATIONS.

ROUND VOLUME DAMPER (UP TO 14" DIA)

2 / M5.1

NOT TO SCALE



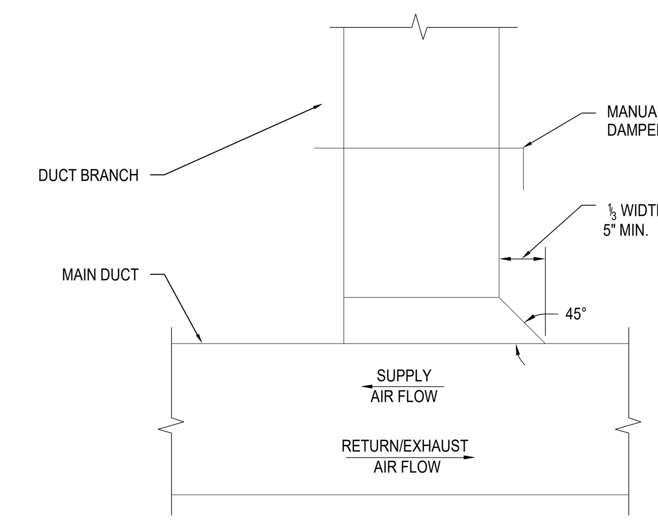
NOTES:

1. DELETE INSULATION STAND-OFF ON DUCTWORK WITHOUT EXTERIOR INSULATION.
2. DETAIL SHOWS SINGLE BLADE DAMPER. MULTI-BLADE DAMPERS INSTALLATIONS SHALL BE SIMILAR.
3. LOCK DAMPER DURING AIR BALANCE AND MARK QUADRANT TO RECORD AIR BALANCED DAMPER POSITION.
4. PROVIDE "HAT" SECTION AT QUADRANT FOR ALL EXTERNALLY INSULATED DUCTWORK.
5. PROVIDE FLUORESCENT COLORED MARKERS ON CEILING AT ALL VOLUME DAMPERS LOCATIONS.

RECTANGULAR MANUAL VOLUME DAMPER

3 / M5.1

NOT TO SCALE



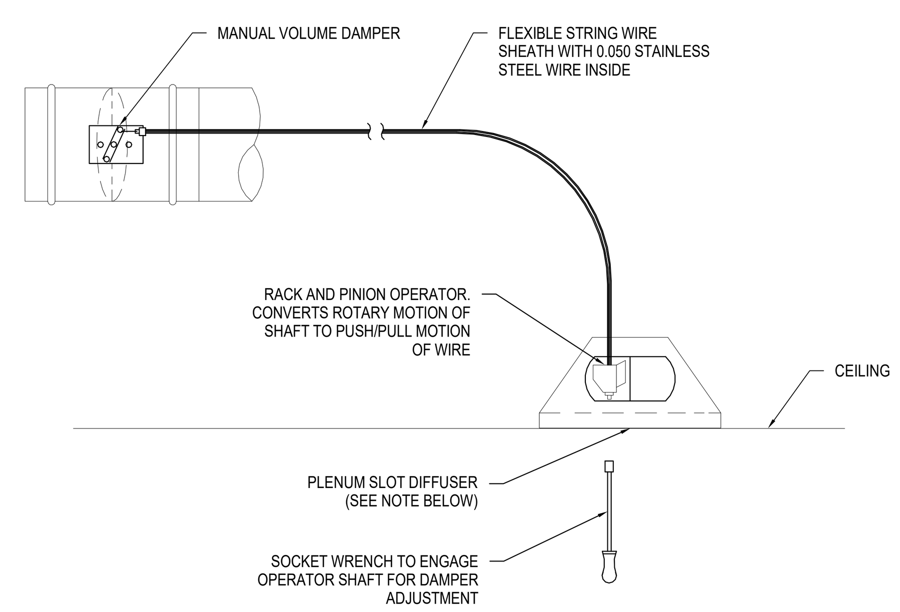
NOTES:

1. FURNISH THIS TYPE OF CONNECTION WHEN SINGLE-LINE DUCTWORK IS INDICATED AS THIS FOR BRANCHES WITH LESS THAN 25% OF THE TOTAL AIR FLOW, OR WHERE INDICATED ON DRAWINGS.
2. FOR MANUAL VOLUME DAMPER SEE DETAIL X/M6XX.
3. SLIP-IN VOLUME DAMPER HOUSING WILL NOT BE ALLOWED.

RECTANGULAR DUCT BRANCH TO MAIN CONNECTION

4 / M5.1

NOT TO SCALE



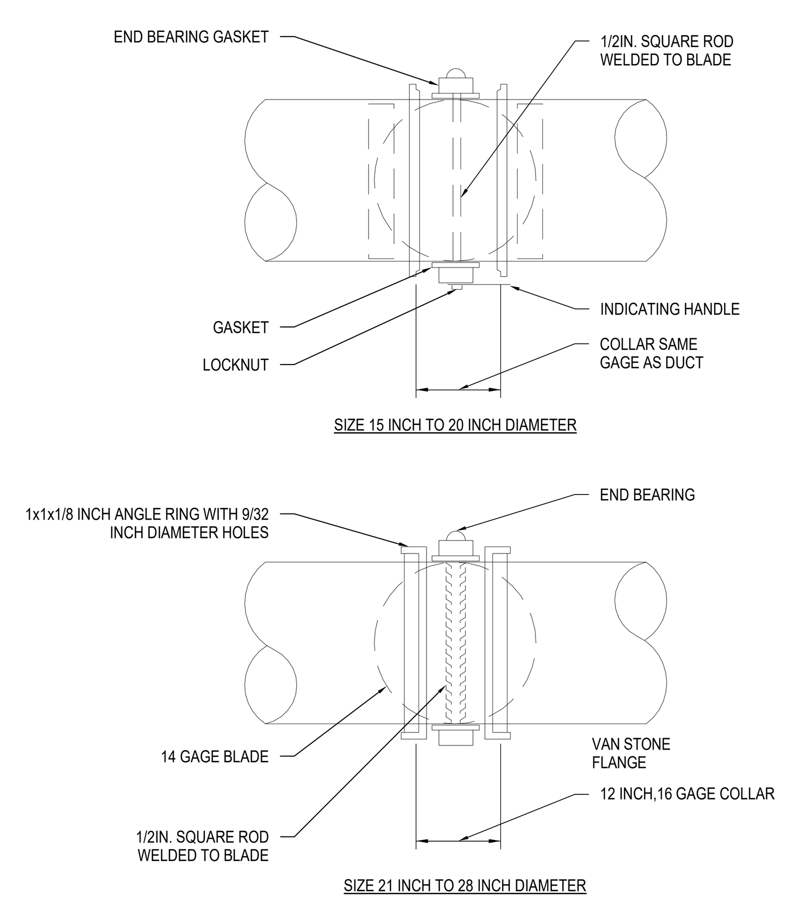
NOTES:

1. DIFFUSER OR REGISTER LOCATED IN GYP BOARD CEILING.
2. PROVIDE YOUNG REGULATOR FOR ALL MANUAL VOLUME DAMPERS INSTALLED IN INACCESSIBLE CEILING OR HARD TO REACH PLACES.
3. FOR CEILING TYPE AND CONSTRUCTION SEE ARCHITECTURAL DWGS.

BOWDEN TYPE CABLE CONTROL (YOUNG'S REGULATOR)

5 / M5.1

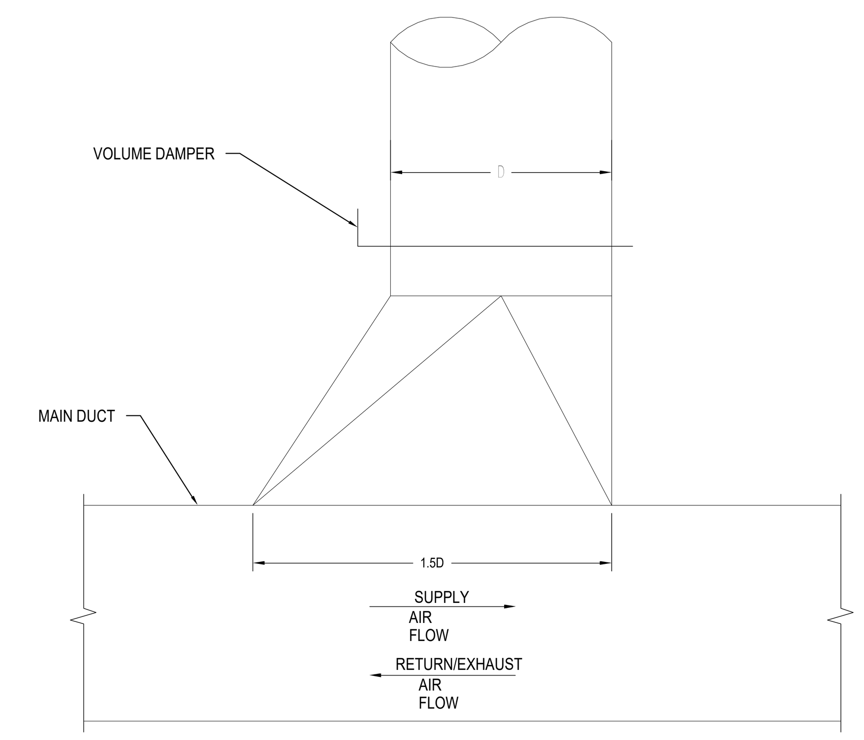
NOT TO SCALE



ROUND VOLUME DAMPER (LARGER THAN 14" DIA)

6 / M5.1

NOT TO SCALE



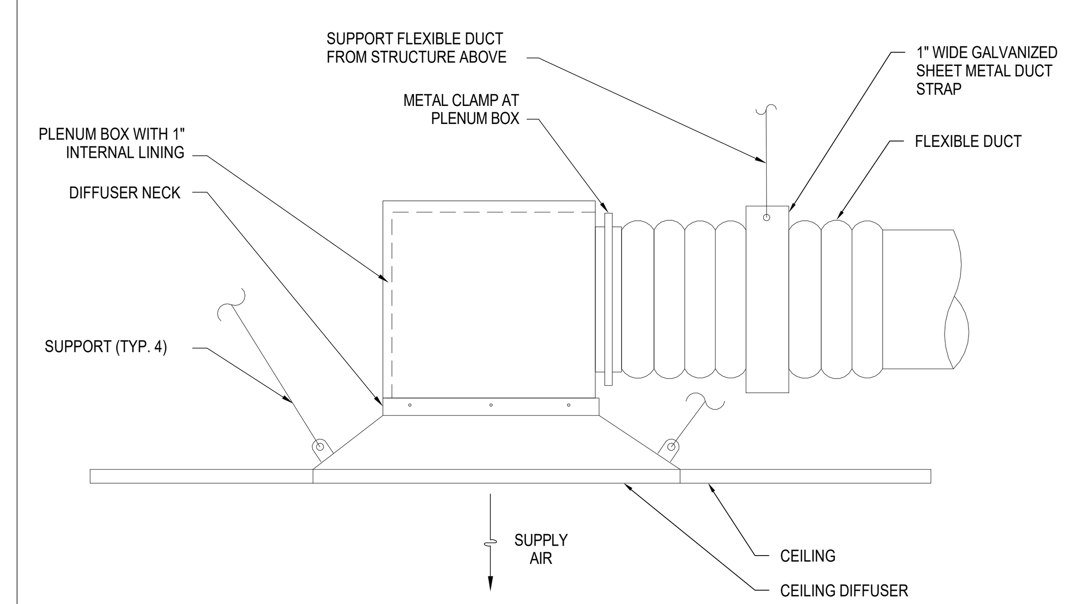
NOTES:

1. FURNISH THIS TYPE CONNECTION WHEN SINGLE-LINE DUCTWORK IS INDICATED AS THIS FOR BRANCHES WITH LESS THAN 25% OF TOTAL AIR FLOW.
2. PROVIDE FLUORESCENT COLORED MARKERS ON CEILING AT ALL MANUAL VOLUME DAMPER LOCATION.

ROUND DUCT BRANCH TO MAIN RECT. CONNECTION

7 / M5.1

NOT TO SCALE



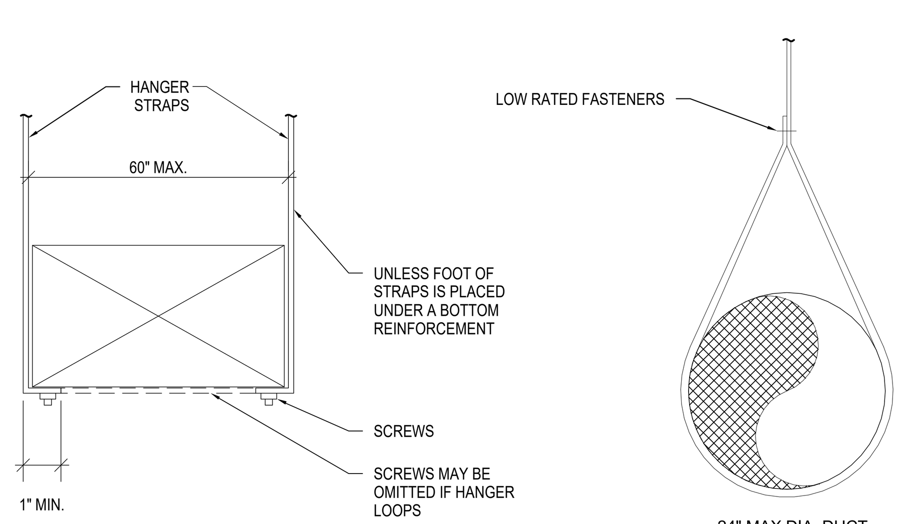
NOTES:

1. FLEXIBLE DUCT MAXIMUM LENGTH SHALL BE 7 FEET, MINIMUM LENGTH SHALL BE 4'0".
2. ALL BRACING AND ATTACHMENT TO THE STRUCTURE SHALL COMPLY WITH ASCE 7 GUIDELINES AND CBL AMENDMENTS IN ACCORDANCE WITH ISAT PUBLICATIONS WITH AN OSHPD PRE-APPROVAL NO. OPA-0485.

SUPPLY DIFFUSER SIDE CONNECTION (W/ PLENNUM BOX)

8 / M5.1

NOT TO SCALE



NOTES:

1. DUCT SUPPORTS SHALL COMPLY WITH 1998 CMC TABLE 6-E AND SMACNA STANDARDS TABLES 4-1, 4-1M AND 4-2.
2. REFER TO 1998 CMC TABLE 6-E AND SMACNA STANDARDS TABLES 4-1, 4-1M AND 4-2 FOR STRAP, WIRE AND SPACING CRITERIA

DUCT HANGER DETAIL

9 / M5.1

NOT TO SCALE

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CONSTRUCTION DOCUMENTS
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MECHANICAL & PLUMBING DETAILS
ALAMEDA CO. - SANTA RITA JAIL

MP5.1
75-17108-00
APRIL 24, 2017
Revisions

REGISTERED PROFESSIONAL ENGINEER
TANASE COCEA
No. M 34223
Exp. 12/31/18
MECHANICAL
STATE OF CALIFORNIA

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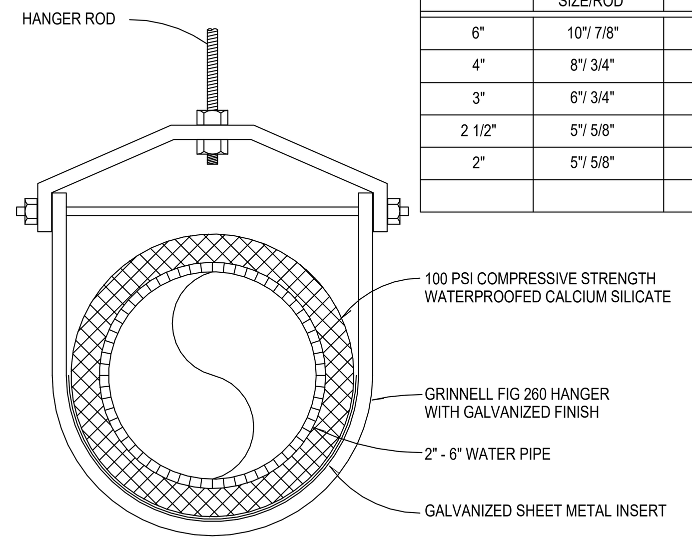
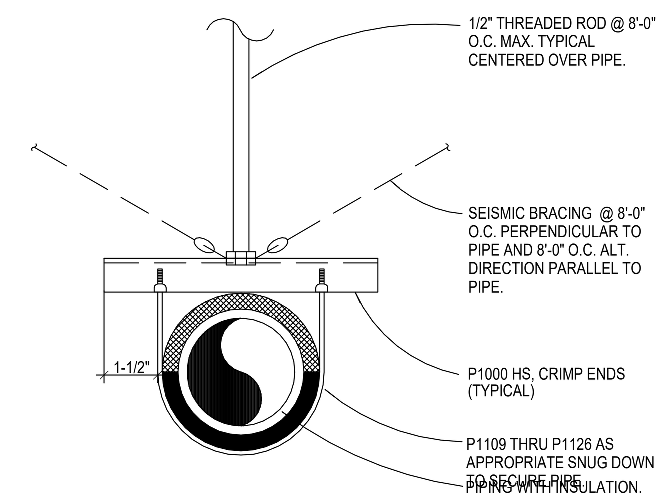


SCHEDULE		
PIPE SIZE	FIG 260 SIZE/ROD	FIG 292 SIZE
6"	10"/ 7/8"	3
4"	8"/ 3/4"	3
3"	6"/ 3/4"	3
2 1/2"	5"/ 5/8"	3
2"	5"/ 5/8"	3

1
M5.2

CLEVIS HANGER DETAIL

NOT TO SCALE

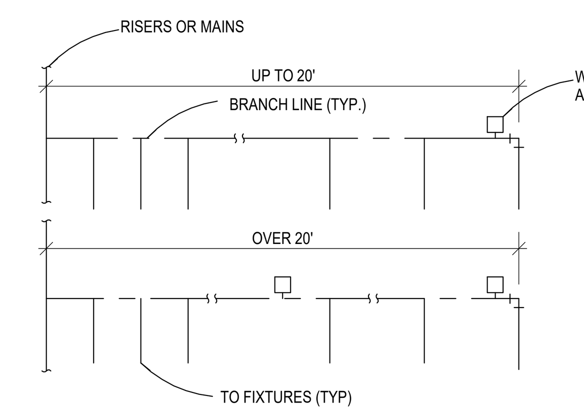


NOTE:
WHERE PIPE DOES NOT EXCEED 1" DIA. SEISMIC BRACING IS NOT REQUIRED ADDITIONALLY PIPES MAY BE SUPPORTED W/UNISTRUT J1205-J1210 AS APPROPRIATE.

2
M5.2

PIPE SUPPORT DETAL

NOT TO SCALE



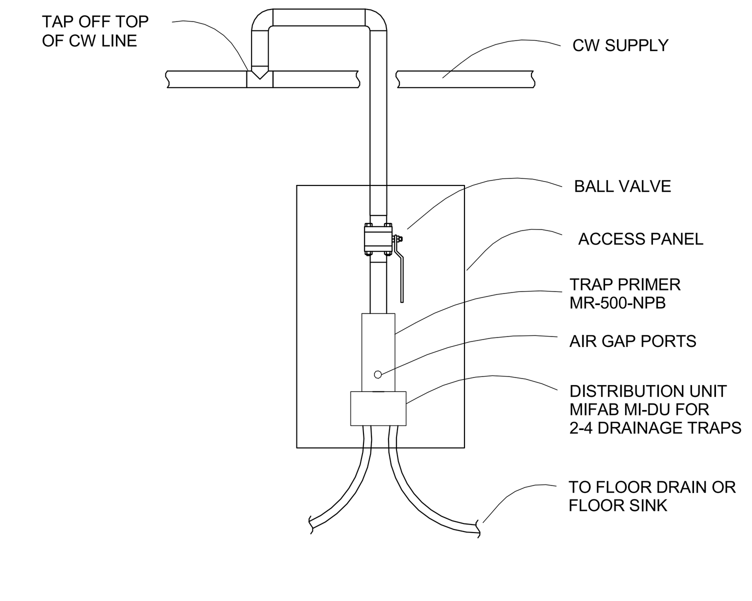
WATER HAMMER ARRESTER SIZING TABLE

P.D.I. SYMBOL	F.U.* RATING	CONN. SIZE
A	1-11	3/4"
B	12-32	1"
C	33-60	1"
D	61-113	1"
E	114-154	1"
F	155-330	1"

3
M5.2

WATER HAMMER ARRESTORS

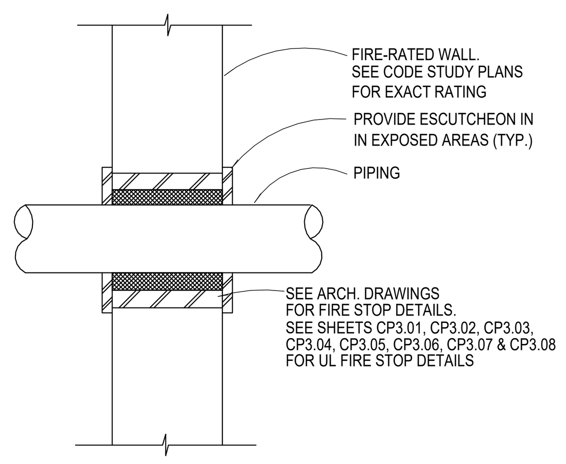
NOT TO SCALE



4
M5.2

TRAP PRIMER DETAIL

NOT TO SCALE



5
M5.2

PIPE THRU FIRE RATED WALL PENETRATION DETAIL

NOT TO SCALE

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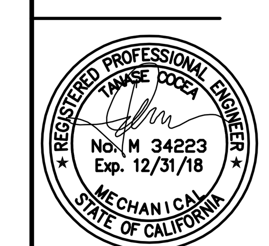
Revisions



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