

NOT USED

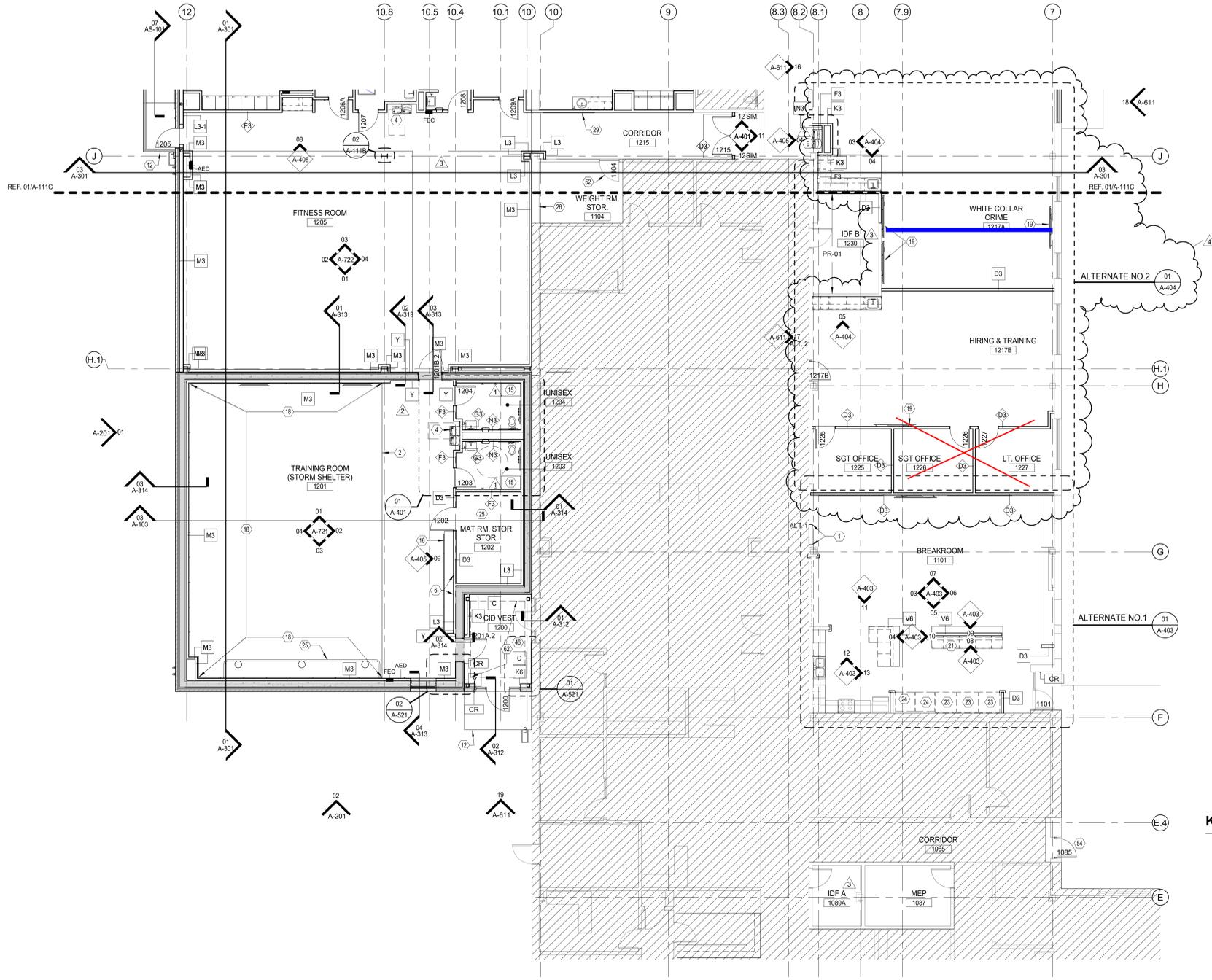
03 POWER CURB DETAIL
SCALE: 3" = 1'-0"

02 COLUMN WRAP- PLAN DETAIL
SCALE: 3" = 1'-0"

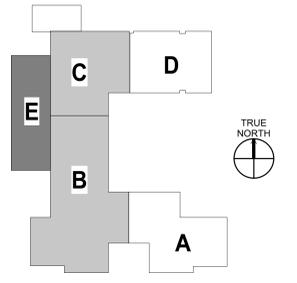
LEGEND

MTL. STUD PARTITION AS SCHED.	MASONRY VNR. EXT. WALL
EXIST. WALL ASSEMBLY TO REMAIN U.N.O.	ICF PARTITION
GASF AS SCHED.	EXIST. LOCKERS TO REMAIN
DOOR AND FRAME AS SCHED.	EXIST. LOCKERS - REMOVE, SALVAGE & RELOCATE
EXIST. AREA NOT IN SCOPE	NEW LOCKERS
FIRE EXTINGUISHER CABINET (FEC)	ALT. NO. 3: FUTURE LOCKERS GC TO PROVIDE POWER IN THIS "BASE SCOPE OF WORK". TO ACCOMMODATE FUTURE LOCKER INSTALLATIONS.
UNDER CABINET STRIP LIGHT FIXTURE, REF. ELECT.	

- GENERAL FLOOR PLAN NOTES**
- PLAN DIMENSIONS ARE FROM FACE OF GYP. BD. FACE OF EXPOSED CMU, EXT. FACE OF MASONRY OR CONC. PANEL, COLUMN GRID LINE, FACE OF EXISTING WALL, AND/OR CENTERLINE OF MULLION AND DOOR OPENINGS U.N.O.
 - MASONRY DIMENSIONS ON PLAN ARE NOMINAL. MASONRY OPENING SIZES MAY BE ADJUSTED AS REQD. TO ALLOW FOR JOINT WIDTHS AND UNIFORM MASONRY COURSING.
 - DIMENSIONS NOTED AS CLEAR (CLR.) ARE FROM FACE OF FINISHED WALL SURFACE. CLEAR DIMENSIONS ARE CRITICAL AND ARE NOT MINIMUM OR MAXIMUM DIMENSIONS U.N.O.
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 - REFER TO SHEETS A-411 AND A-412 FOR TYPICAL GUIDELINES FOR ACCESSIBLE ELEMENTS, ACCESSORIES, AND FIXTURES AT TOILETS, URINAL, AND SHOWER STALLS, DRINKING FOUNTAINS, ETC.
- KEYED NOTES**
- NOT ALL KEYED NOTES APPLY TO ALL SHEETS.
 - PARTITION WALL INFILL TO MATCH EXISTING CONSTRUCTION.
 - TRAINING MAT. REF. A-631
 - LOCKERS AND BENCH. REF. A-732
 - EWV W/ BOTTLE FILLER, REF. PLUMB. REF. DETAIL 01A / A-411.
 - VEST DRYING CABINET
 - ALIGN SURFACES
 - FIRE EXTINGUISHER CABINET
 - EXISTING REUSED
 - EXISTING EWV SALVAGED FOR REUSE. REF. DETAIL 01A / A-411.
 - EXISTING CRAWL SPACE VENT TO REMAIN
 - CRAWL SPACE AIRWAY VENT - REF. MEP & STRUCTURAL
 - CANOPY ABOVE
 - EXISTING MILLWORK TO REMAIN
 - 36" x 36" FLOOR ACCESS HATCH W/ LADDER BELOW- REF. SPECS.
 - BENCH SEATING - NON-FIXED - CF/CI
 - STORAGE CUBBIES - REF. 06/A-405
 - TRAINING APPARATUS - REF. SPECS. CF/CI
 - GYM WALL MAT. CF/CI
 - FLAT PANEL TV, CF/CI - MNT. CENTER- REF. MEP FOR ELECT.
 - TACK BOARD - MOUNT BOTTOM AT 42" AFF.
 - BUFFET ISLAND
 - TABLE SEATING- FFE
 - "HEALTHY CHOICE" VENDING MACHINES BY VENDOR - REF. ELEC. FOR POWER.
 - EXISTING REFRIGERATOR RELOCATED
 - APPARATUS TRAINING EQUIPMENT - REF. SPECS.
 - ELECTRICAL PANELS- REF. MEP
 - LOW CURB FOR POWER, DATA & AV- REF. MEP
 - 12" DIAMETER GROMMET W/ STAINLESS STL. COLLAR FOR TRASH BIN BELOW
 - 72" x 48" WHITE MARKER BOARD - MOUNT BTM AT 42" AFF
 - SOLID SURFACE COUNTERTOP AND BACKSPLASH
 - NEW SINK & FAUCET - REF. MEP
 - REINSTALLED EXISTING DISHWASHER
 - REINSTALLED EXISTING RANGE
 - REINSTALLED EXISTING ICE MAKER
 - REINSTALLED EXISTING MICROWAVE
 - COUNTERTOP, SS-1
 - 4" BACK SPLASH & SIDE SPLASH WHERE APPLICABLE, SS-1 3/8" THK.
 - CONCEALED COUNTERTOP SUPPORT BRACKET W/ MFR'S. TRIM AT WALL PENETRATION
 - BASE CABINET, PL-1
 - UPPER CABINET, PL-1. UNDER CABINET LIGHTING- REF. ELECT.
 - GYP. BD. WALL, PT-1
 - BASE AS SCHED., RB-1
 - ACCESSIBLE COUNTER AT 34" AFF
 - PATCH & REPAIR DAMAGED GYP. BD. FOLLOWING REMOVAL OF EXISTING LOCKERS AND BENCHES. PREPARED SURFACES TO MATCH EXISTING SURROUNDING MATERIAL AND TEXTURE. PAINT FULL WIDTH AND HEIGHT OF REPAIRED PARTITION SURFACE. PAINT COLOR AND SHEEN TO MATCH EXISTING SURROUNDING WALL SURFACES. COLOR MATCH IF NECESSARY.
 - OPEN SHELVING, PL-2 THROUGHOUT ON ALL SURFACES
 - WALK-OFF MAT - SET IN DEPRESSED SLAB 1-1/2" - REF. STRUCTURAL
 - NEW REFRIGERATORS W/ STAINLESS STEEL FINISH, CF/CI
 - DUPLEX RECEPTACLE
 - MAGNETIC MARKER BOARD - MOUNT BTM. AT 42" AFF
 - FULL HEIGHT BACK SPLASH & SIDE SPLASH, SS-1, 3/8" THK.
 - NOT USED
 - INSTALL REPLACEMENT HARDWARE - REF. SPECS.
 - 5/8" GYP. BD. BOTH SIDES ON 3/8" MTL. STUD FURR DOWN W/ DIAGONAL BRACING AS REQD. ABOVE CEILING
 - INSTALL NEW DOOR HARDWARE, FRAME & DOOR W/ SINGLE FULL LITE GLASS.
 - NEW MECHANICAL YARD SCREEN WALL. BRICK VENEER OVER CMU - MATCH EXISTING. REF. DETAILS. REF. CIVIL & STRUCTURAL
 - STOREFRONT WINDOW. ALT #2 SCOPE
 - UNDERCOUNTER REFRIGERATOR- CF/CI
 - FINISHED END
 - RECESSED DRYER VENTING BOX
 - WASHING MACHINE OUTLET BOX
 - P.LAM. PANEL, PL-1 WITH BLACK EDGE BANDING AT REVEALS. REF. ELEVATION FOR REVEAL WIDTH
 - WALK-OFF GRATE- REF. STRUCT. FOR CONCRETE DEPRESSION
 - ADA LOCKERS- REF. A-732
 - 20"x48" BENCH AT 17'-19" AFF. CF/CI



KEY PLAN



01 FLOOR PLAN - AREAS B & E
SCALE: 1/8" = 1'-0"

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(214) 346-6200

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McKINNEY PUBLIC SAFETY BUILDING PHASE 5
2200 TAYLOR BURK DR.
McKINNEY, TEXAS 75071

revision no:	issue date:
ADDENDUM #1	10/21/20
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PR 01	03/01/21
PR 02	03/08/21

issue date:	10/02/2020
vai project no:	20204.000
drawn by:	GC
checked by:	TH
issue title:	ISSUED FOR CONSTRUCTION
sheet title:	

FLOOR & CLERESTORY PLAN - AREAS B & E

sheet no: **A-111B**

LEGEND

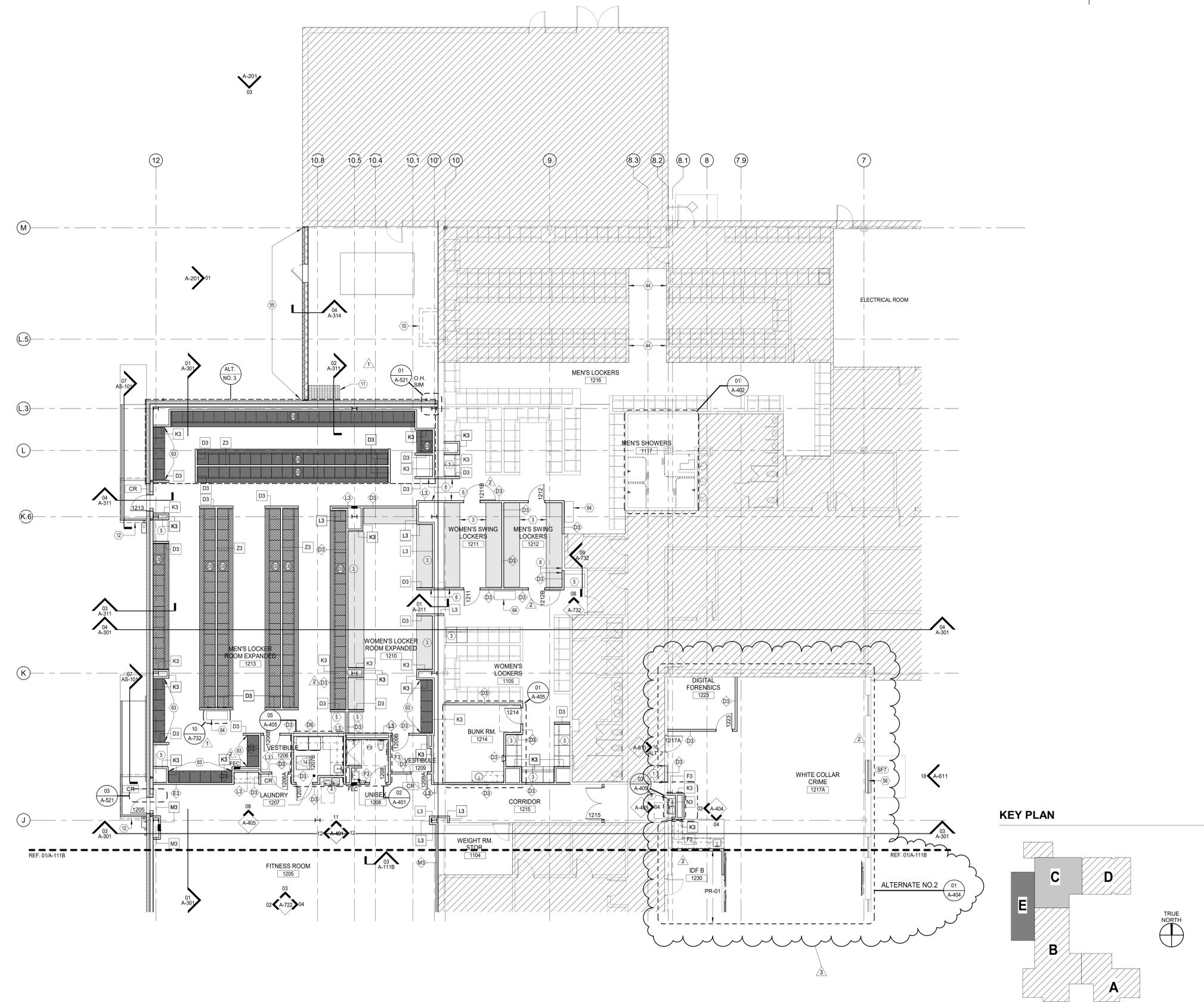
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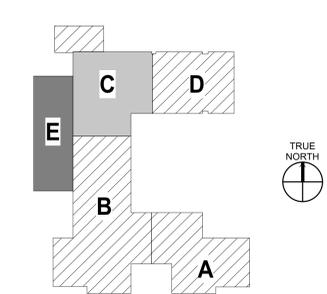
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 33. REINSTALLED EXISTING RANGE
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 36. COUNTERTOP - SS-1
 37. 4" BACK SPLASH & SIDE SPLASH WHERE APPLICABLE. SS-1 3/8" THK.
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KEY PLAN

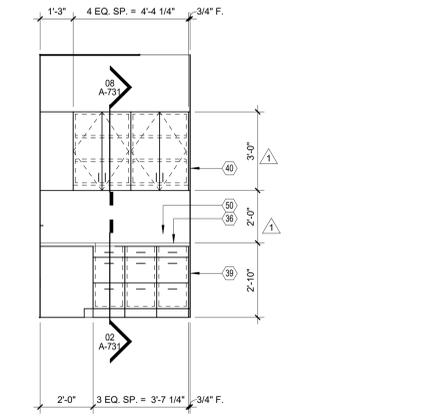
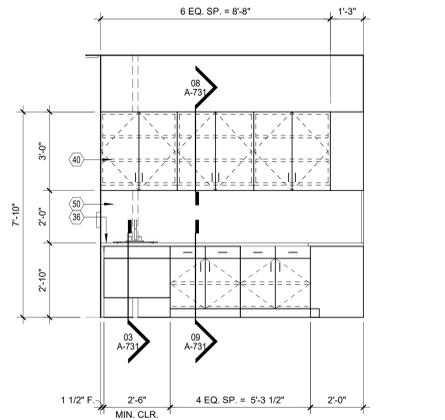
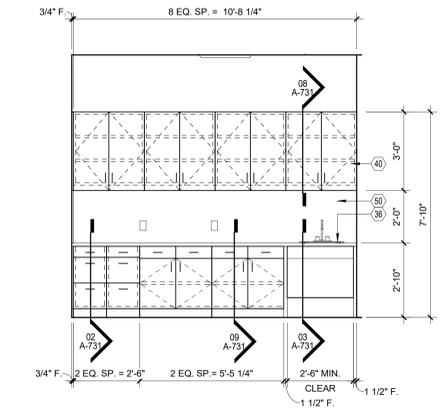


01 FLOOR PLAN - AREAS C & E
SCALE: 1/8" = 1'-0"
TRUE NORTH

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drawn by:	GC
checked by:	TH
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sheet title:	



05 1217 FUTURE OFFICE - N
SCALE: 3/8" = 1'-0"

04 1217 FUTURE OFFICE - S
SCALE: 3/8" = 1'-0"

03 1217 FUTURE OFFICE - W
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LEGEND

	MASONRY VNR. EXT. WALL
	ICF PARTITION
	EXIST. LOCKERS TO REMAIN
	EXIST. LOCKERS - REMOVE, SALVAGE & RELOCATE
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SYMBOL LEGEND

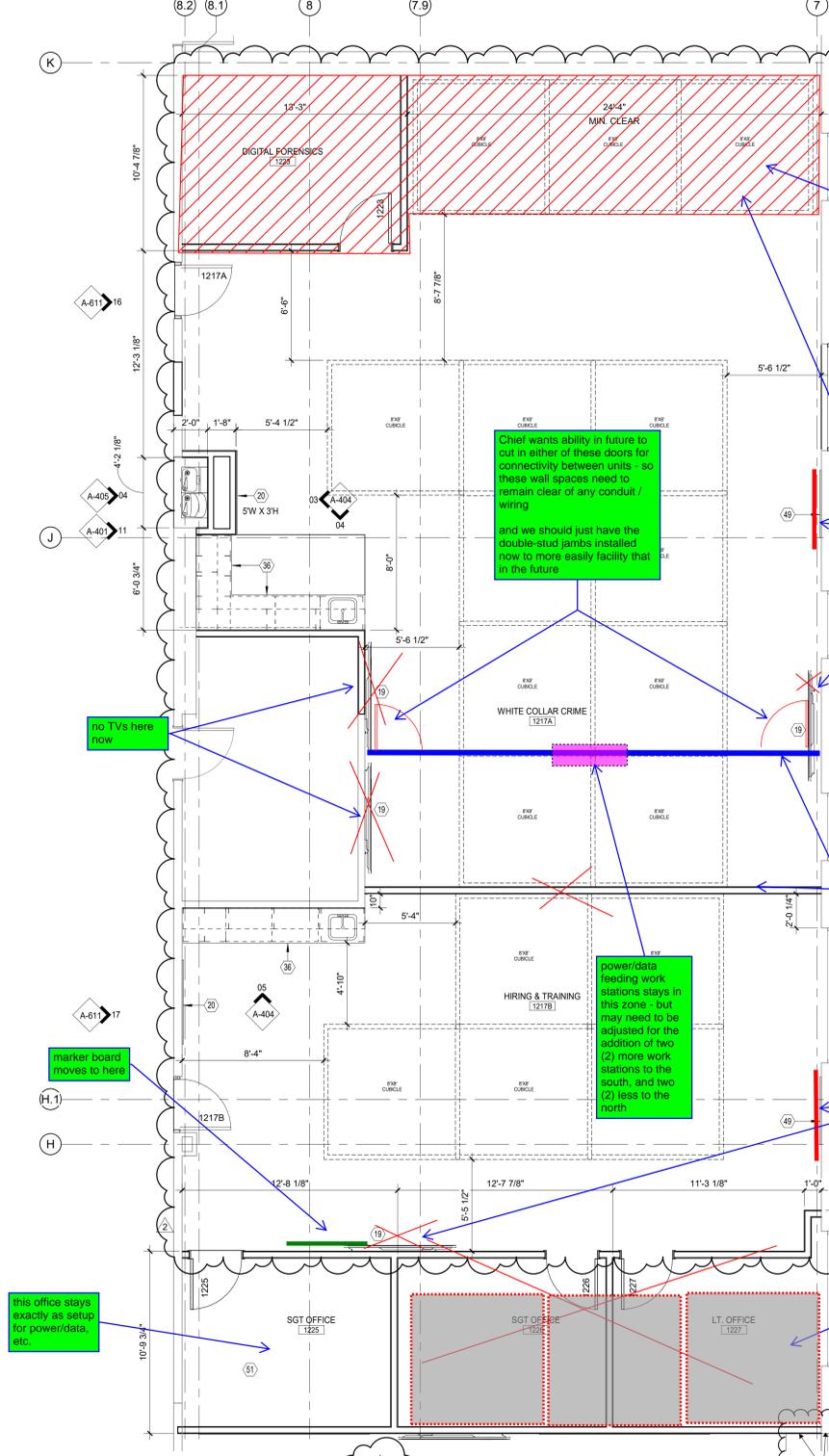
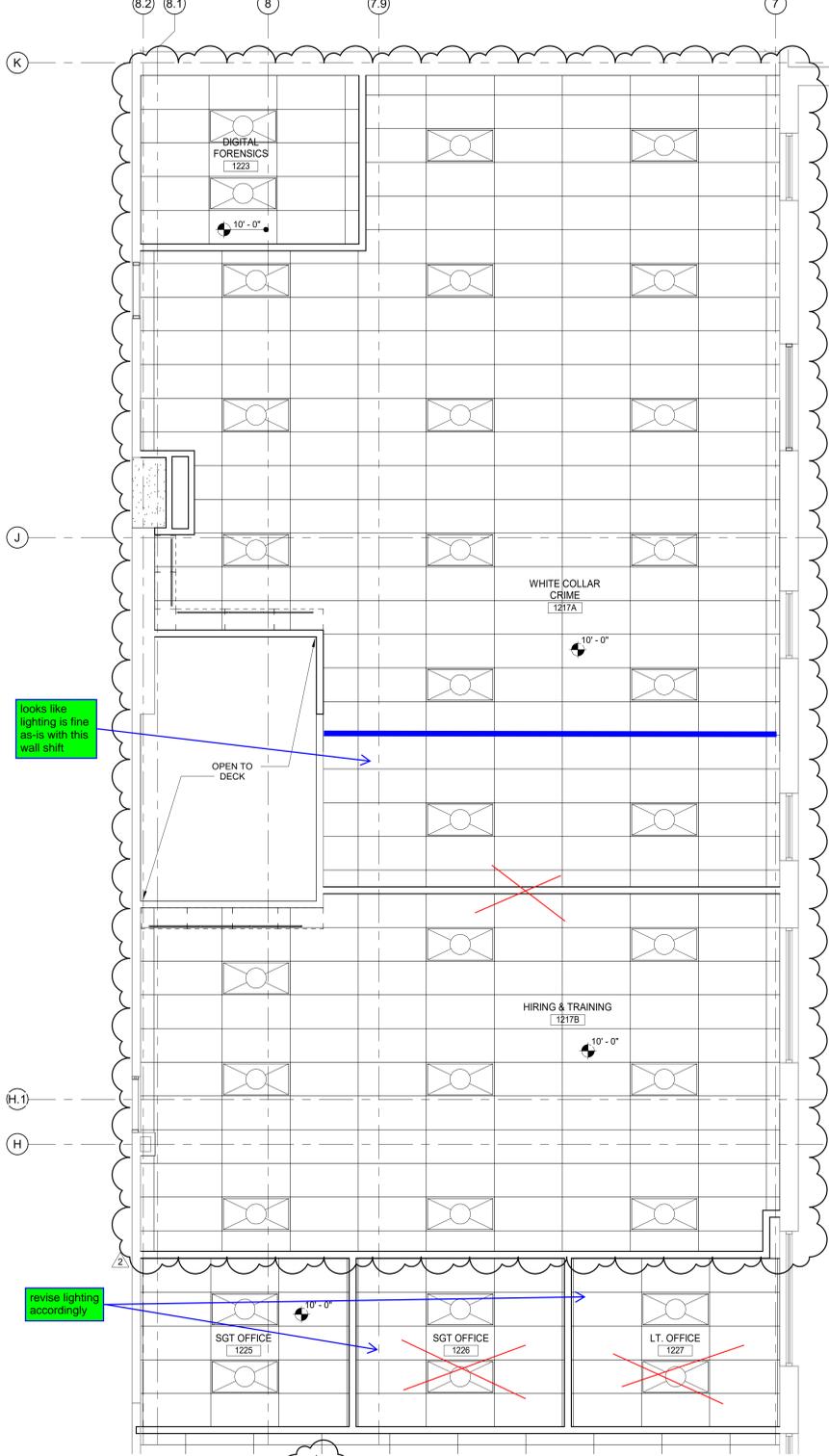
	CEILING HEIGHT ABOVE FINISH FLOOR

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Annotations:

- looks like lighting is fine as-is with this wall shift
- no TVs here now
- marker board moves to here
- Chief wants ability in future to cut in either of these doors for connectivity between units - so these wall spaces need to remain clear of any conduit / wiring and we should just have the double-stud jambs installed now to more easily facilitate that in the future
- power/data feeding work stations stays in this zone - but may need to be adjusted for the addition of two (2) more work stations to the south, and two (2) less to the north
- only spot available for a TV so it moves to here
- delete these two (2) offices and exactly mirror all previous changes we made to the north niche in 1217A
- TV shifts to here
- this gets mirrored now on the south wall - with the exception of the unique power/data distribution in 1223
- this wall now moves northward 8 ft. to push these two work stations into 1217B
- this office stays exactly as setup for power/data, etc.

02 ALT. #2 ENLARGED RCP
SCALE: 1/4" = 1'-0"

01 ALT. #2 ENLARGED OFFICE FLOOR PLAN
SCALE: 1/4" = 1'-0"



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drawn by: Author
checked by: Checker

ISSUED FOR CONSTRUCTION

sheet title: **ALTERNATE #2 ENLARGED OFFICE FLOOR PLAN, RCP, ELEVATIONS, & SECTIONS**

sheet no: **A-404**

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KEYED NOTES EQXX

NOTE: ALL FITNESS EQUIPMENT PROVIDED BY OWNER OR "OTHERS"

- EQ01 TREADMILL
- EQ02 STAIRMASTER
- EQ03 STATIONARY BIKE
- EQ04 ELLIPTICAL MACHINE
- EQ05 ZERO GRAVITY
- EQ06 UP-RIGHT SCALE
- EQ07 ROW MACHINE
- EQ08 SQUAT RACK (LARGE)
- EQ09 SQUAT RACK (SMALL)
- EQ10 LEG CURL
- EQ11 LEG PRESS
- EQ12 CALF MACHINE
- EQ13 SMITH BENCH PRESS
- EQ14 BENCH PRESS
- EQ15 DUMBBELL RACK
- EQ16 JUMP BOX
- EQ17 LIFTING PLATFORM
- EQ18 PULL UP / SQUAT SYSTEM 6-LEG
- EQ19 PUNCHING BAG
- EQ20 SAMSON TRAINER
- EQ21 FUTURE FLAT BENCH



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client / owner



McKINNEY POLICE DEPARTMENT

project

McKINNEY PUBLIC SAFETY BUILDING PHASE 5

2200 TAYLOR BURK DR. MCKINNEY, TEXAS 75071

revision no:	issue date:
PR 01	03/01/21
PR 02	03/08/21

issue date: 10/02/2020

vai project no: 20204.000

drawn by: LM checked by: TH

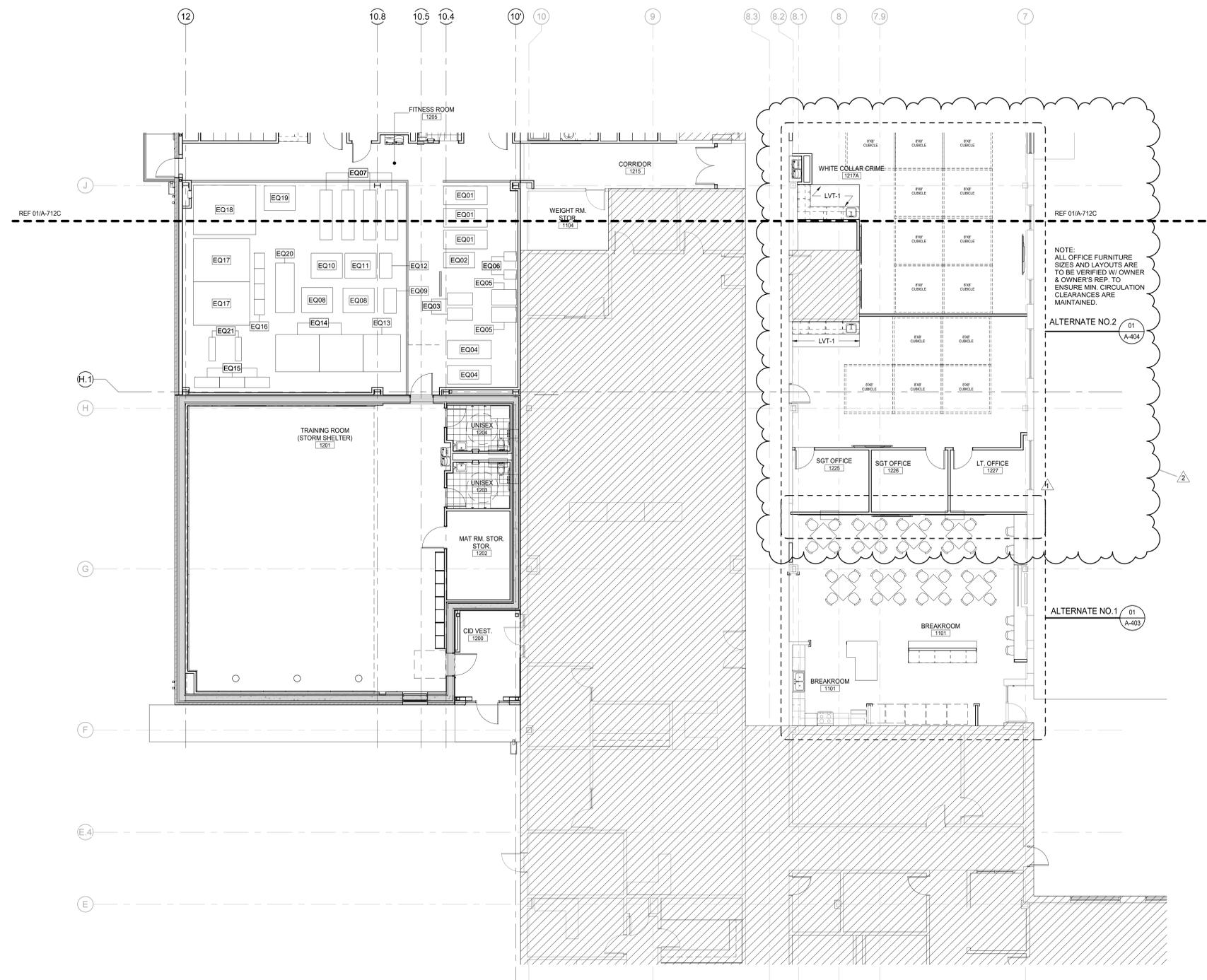
issue title: ISSUED FOR CONSTRUCTION

sheet title:

1ST FLOOR FURNITURE & EQUIPMENT PLAN - AREA B

sheet no: **A-712B**

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NOTE:
 ALL OFFICE FURNITURE SIZES AND LAYOUTS ARE TO BE VERIFIED W/ OWNER & OWNER'S REP. TO ENSURE MIN. CIRCULATION CLEARANCES ARE MAINTAINED.

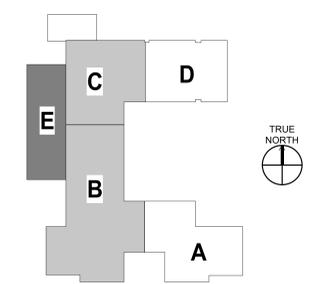
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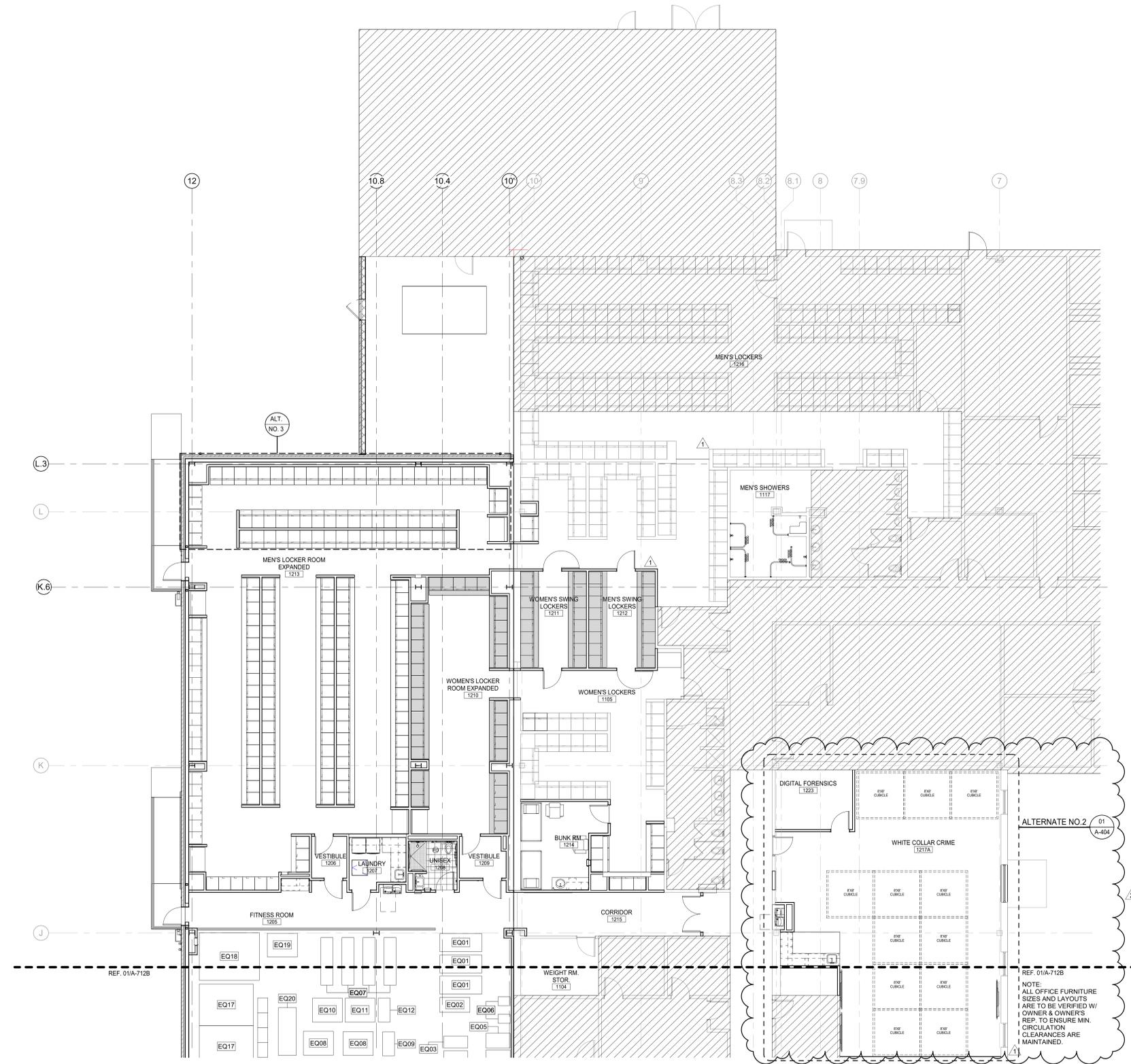
ALTERNATE NO.1 01 A-403

01 1ST FLOOR FURNITURE & EQUIPMENT PLAN - AREA B
 SCALE: 1/8" = 1'-0"



KEY PLAN





KEYED NOTES EQXX

- NOTE: ALL FITNESS EQUIPMENT PROVIDED BY OWNER OR 'OTHERS'
- EQ01 TREADMILL
 - EQ02 STAIRMASTER
 - EQ03 STATIONARY BIKE
 - EQ04 ELLIPTICAL MACHINE
 - EQ05 ZERO GRAVITY
 - EQ06 UP-RIGHT SCALE
 - EQ07 ROW MACHINE
 - EQ08 SQUAT RACK (LARGE)
 - EQ09 SQUAT RACK (SMALL)
 - EQ10 LEG CURL
 - EQ11 LEG PRESS
 - EQ12 CALF MACHINE
 - EQ13 SMITH BENCH PRESS
 - EQ14 BENCH PRESS
 - EQ15 DUMBBELL RACK
 - EQ16 JUMP BOX
 - EQ17 LIFTING PLATFORM
 - EQ18 PULL UP / SQUAT SYSTEM 6-LEG
 - EQ19 PUNCHING BAG
 - EQ20 SAMSON TRAINER
 - EQ21 FUTURE FLAT BENCH



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project

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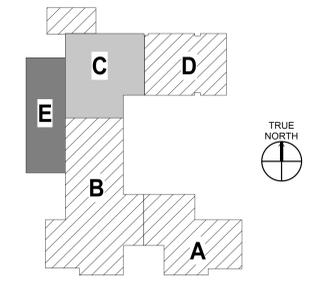
1ST FLOOR FURNITURE & EQUIPMENT PLAN - AREA C

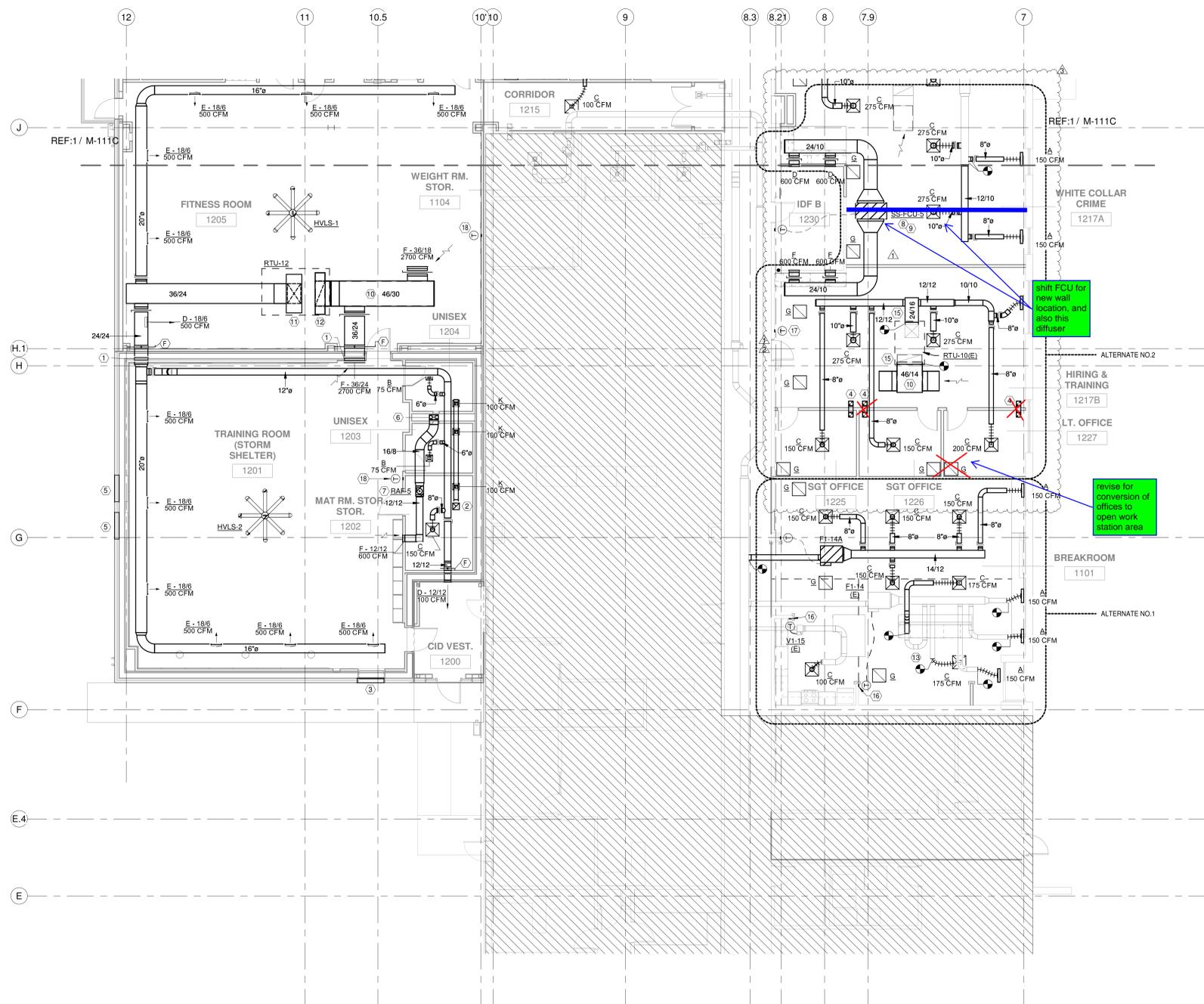
sheet no: **A-712C**

1ST FLOOR FURNITURE & EQUIPMENT PLAN - AREA C
SCALE: 1/8" = 1'-0"



KEY PLAN



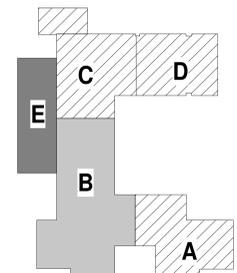


1 HVAC PLAN - FIRST FLOOR - AREA B
1/8" = 1'-0"

SHEET NOTES

- 1 IN ACCORDANCE WITH ICC 500-2014 SECTION 702.1.4, DUCT PENETRATION TO STORM SHELTER TO BE PROTECTED WITH ICC 500 RATED LOUVER INSTALLED IN DUCTWORK AT DEMISING WALL.
- 2 12/12 EXHAUST DUCT RISER TO EF-11. IN ACCORDANCE WITH ICC 500-2014 SECTION 702.1.4, PROTECT ROOF PENETRATION WITH ICC 500 RATED LOUVER INSTALLED IN DUCTWORK AT ROOF DECK.
- 3 LOW POSITION STORM LOUVER AND INTERIOR COMBINATION LOUVER/DAMPER FOR SHUTOFF DURING NORMAL OPERATION. REFER TO LOUVER SCHEDULE AND M-112.
- 4 INSTALL 8/8 INSULATED TRANSFER BOOT AS HIGH AS POSSIBLE IN WALL. REFER TO DETAIL M-502/7.
- 5 HIGH POSITION STORM LOUVER INSTALLED IN EXTERIOR WALL. MIN 120 IN A.F.F. REFER TO LOUVER SCHEDULE AND M-112.
- 6 ROUTE DUCT DOWN IN PLUMBING CHASE TO CRAWLSPACE. LOCATE BETWEEN LAVATORY AND WATER CLOSET CARRIERS.
- 7 SUPPLY FAN RAF-6 TO INTERLOCK/RUN SIMULTANEOUSLY WITH RAF-4 INSTALLED IN CRAWLSPACE BELOW.
- 8 INSTALL DUCTED MINISPLIT UNIT ABOVE CEILING IN ADJACENT SPACE AND ROUTE DUCTWORK TO SERVE IT EQUIPMENT. SUSPEND UNIT ALONG COLUMN LINES FOR SUPPORT BY STRUCTURAL.
- 9 ROUTE EVAPORATOR UNIT CONDENSATE TO NEAREST PLUMBING DRAIN. REFER TO PLUMBING PLANS.
- 10 PROVIDE INTERNALLY LINED RETURN AIR PLENUM AT UNIT RETURN CONNECTION. COVER WITH HARDWARE CLOTH ALL EXPOSED OPEN ENDS OF DUCT NOT PROTECTED BY AN AIR DEVICE.
- 11 36/24 SUPPLY DN FROM RTU-12. TRANSITION TO 70/28 IN ROOF CURB FOR UNIT CONNECTION.
- 12 46/24 RETURN UP TO RTU-12. TRANSITION TO 77/18 IN ROOF CURB FOR UNIT CONNECTION.
- 13 INSTALL NEW AIR DEVICES TO COORDINATE WITH UPDATED RCP. CONNECT TO EXISTING TAPS/DAMPERS. REBALANCE TO AIRFLOW SHOWN ON PLANS.
- 14 ALTERNATE #2: PROVIDE 8" H MANUAL DAMPER AND 1/2" CORE CONSTRUCTION OF OFFICE DEMISING WALL. **NOT USED - REMOVED IN PR 02**
- 15 ALTERNATE #2: CONNECT NEW DUCTWORK TO EXISTING DUCT DROPS FROM RTU-10(E). UTILIZE RADIUS ELBOWS TO MAKE VERTICAL TO HORIZONTAL TRANSITION.
- 16 ALTERNATE #1: RELOCATE EXISTING THERMOSTAT TO COORDINATE WITH UPDATED FLOORPLAN.
- 17 ALTERNATE #2: RELOCATE EXISTING THERMOSTAT TO COORDINATE WITH UPDATED FLOORPLAN.
- 18 AVERAGING THERMOSTAT FOR ZONE SETPOINT POLLING AT RTU CONTROLLER. PROVIDE EQUAL VOTING POWER (PROGRAMMABLE) ACROSS ALL THERMOSTATS IN ZONE. TYPICAL TWO PER RTU.

KEY PLAN



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McKINNEY POLICE DEPARTMENT

project

McKINNEY PUBLIC SAFETY BUILDING PHASE 5

2200 TAYLOR BURK DR. MCKINNEY, TEXAS 75071

revision no:	issue date:
ADDENDUM #1	10/21/20
PR 01	03/01/21
PR 02	03/08/21

issue date: 10/02/2020

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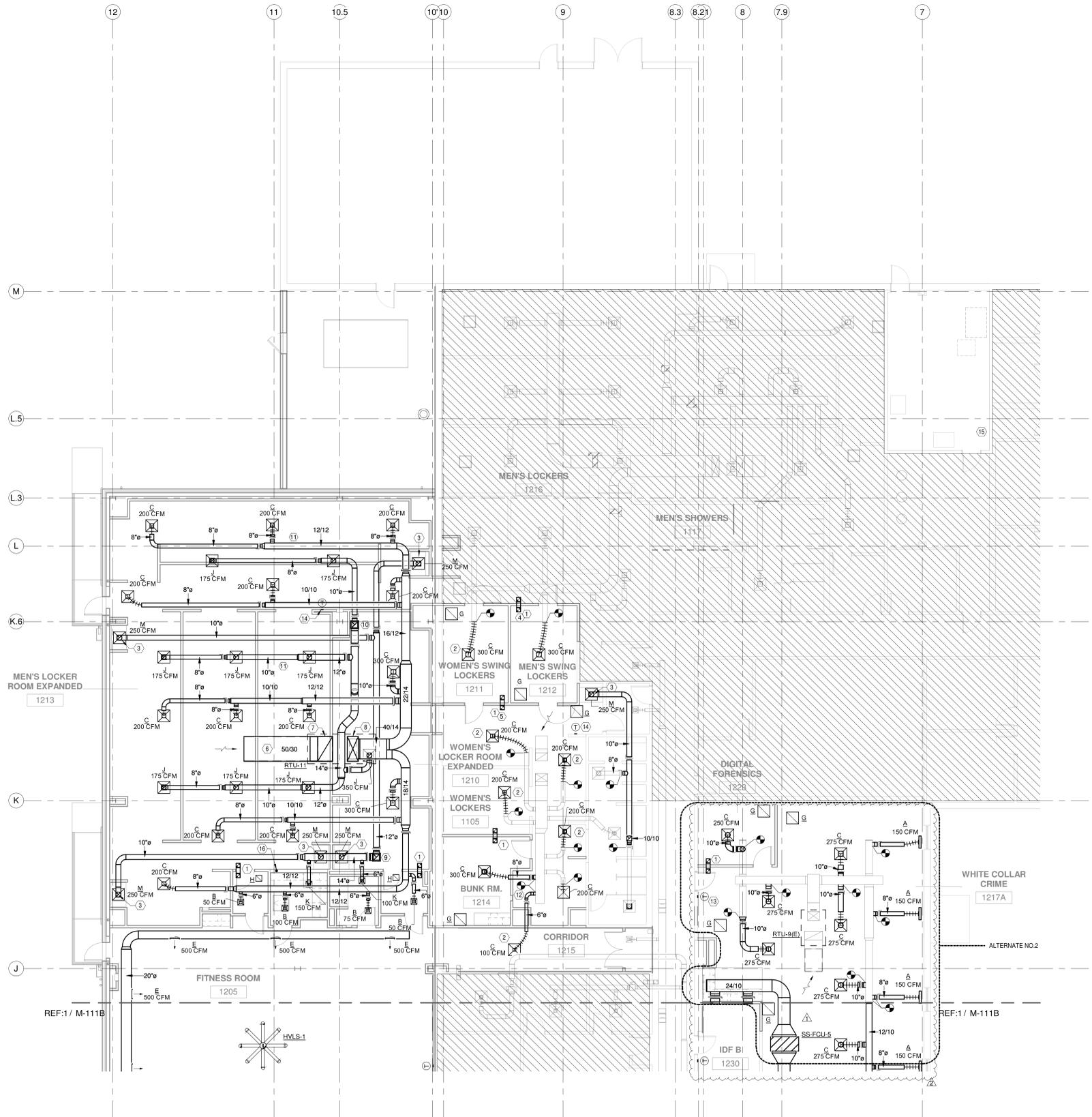
drawn by: LV checked by: LV

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sheet title:

MECHANICAL HVAC PLAN - AREA B

sheet no: M-111B

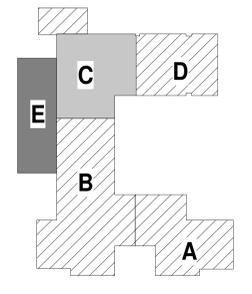


1 HVAC PLAN - FIRST FLOOR - AREA C
1/8" = 1'-0"

SHEET NOTES

- 1 INSTALL 8/8 INSULATED TRANSFER BOOT AS HIGH AS POSSIBLE IN WALL. REFER TO DETAIL M-502/7.
- 2 INSTALL NEW AIR DEVICES TO COORDINATE WITH UPDATED RCP. CONNECT TO EXISTING TAPS/DAMPERS. REBALANCE TO AIRFLOW SHOWN ON PLANS.
- 3 ROUTE 10" DUCT DOWN TO VEST DRYING CABINET AND BALANCE TO 250 CFM AS SPECIFIED BY CLIENT. REFER TO ARCHITECTURAL PLANS FOR CABINET DETAILS.
- 4 MEN'S SWING LOCKER TRANSFER BOOT TO TERMINATE IN PLENUM ABOVE MEN'S LOCKER.
- 5 WOMEN'S SWING LOCKER TRANSFER BOOT TO TERMINATE IN PLENUM ABOVE WOMEN'S LOCKER.
- 6 PROVIDE INTERNALLY LINED RETURN AIR PLENUM AT UNIT RETURN CONNECTION. COVER WITH HARDWARE CLOTH ALL EXPOSED OPEN ENDS OF DUCT NOT PROTECTED BY AN AIR DEVICE.
- 7 50/30 RETURN UP TO RTU-11.
- 8 40/14 SUPPLY DN FROM RTU-11. TRANSITION TO 50/20 IN ROOF CURB FOR UNIT CONNECTION.
- 9 16/16 EXHAUST UP TO EF-13. TRANSITION TO 12/12 AT ROOF FOR CONNECTION TO FAN.
- 10 16/16 EXHAUST UP TO EF-12. TRANSITION TO 12/12 AT ROOF FOR CONNECTION TO FAN.
- 11 ROUTE BRANCH DUCTWORK BETWEEN ROOF JOISTS RUNNING EAST/WEST. NORTH/SOUTH ORIENTED DUCT RUNOUTS LESS THAN 12" DIA. MAY BE ROUTED THRU JOIST WEBBING. TYPICAL OF ALL DUCTWORK WEST OF COLUMN LINE 10.5.
- 12 REROUTE EXISTING DUCT RUNOUTS TO COORDINATE WITH NEW DEMISING WALLS.
- 13 ALTERNATE #2: RELOCATE EXISTING THERMOSTAT TO COORDINATE WITH UPDATED FLOORPLAN.
- 14 AVERAGING THERMOSTAT FOR ZONE SETPOINT POLLING AT RTU CONTROLLER. PROVIDE EQUAL VOTING POWER (PROGRAMMABLE) ACROSS ALL THERMOSTATS IN ZONE. TYPICAL TWO PER RTU.
- 15 PROVIDE 120 VAC SERVICE FOR NEW HVAC CONTROLS PANEL. BY CONTROLS CONTRACTOR. PANEL TO BE INSTALLED ADJACENT TO EXISTING CONTROL PANEL.
- 16 4" VERTICAL DRYER VENT: ROUTE UP IN STUD WALL TO TERMINATE ABOVE ROOF IN GOOSENECK FITTING. PROVIDE BACKDRAFT DAMPER AND MEANS FOR REGULAR CLEANOUT.

KEY PLAN



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McKINNEY POLICE DEPARTMENT

project

McKINNEY PUBLIC SAFETY BUILDING PHASE 5

2200 TAYLOR BURK DR.
McKINNEY, TEXAS 75071

revision no:	issue date:
ADDENDUM #1	10/21/20
PR 02	03/08/21

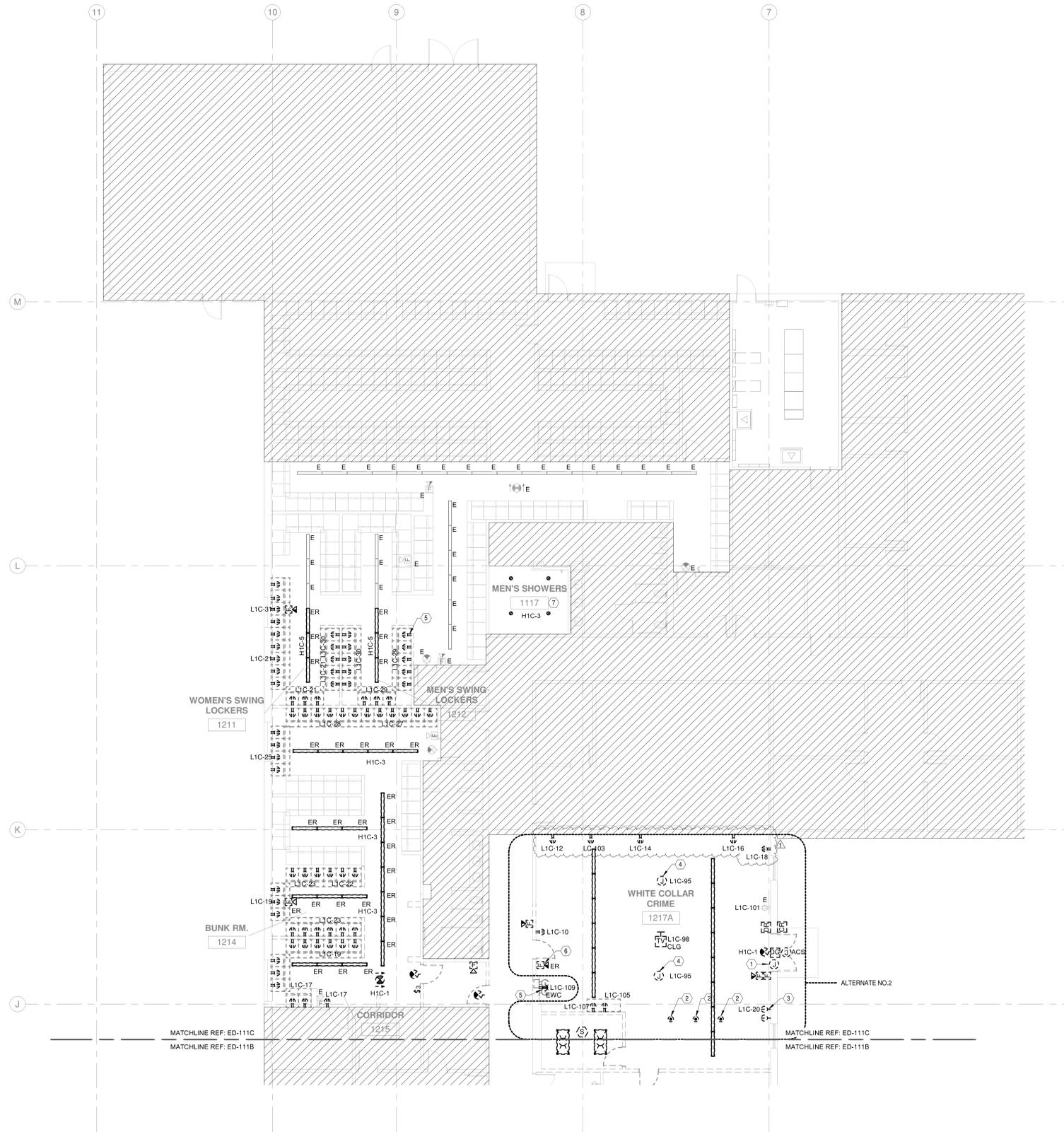
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vai project no:	38326.001
drawn by:	LV
checked by:	LV
issue title:	ISSUED FOR CONSTRUCTION
sheet title:	

MECHANICAL HVAC PLAN - AREA C

sheet no:

M-111C

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1 ELECTRICAL DEMOLITION POWER PLAN - AREA C
1/8" = 1'-0"

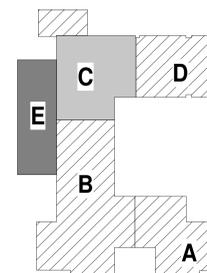
GENERAL NOTES

- A. REFER TO SHEET EG-001 FOR GENERAL NOTES AND LEGEND.
- B. FIELD VERIFY EXACT LOCATION OF ALL EXISTING EQUIPMENT TO REMAIN AND TO BE DEMOLISHED.
- C. ALL EXISTING FIRE AND SECURITY EQUIPMENT TO REMAIN UNLESS NOTIFIED OTHERWISE.
- D. ALL DASHED DEVICES TO BE DEMOLISHED. ALL CONDUIT, CONDUCTOR, AND ASSOCIATED COMPONENTS TO BE REMOVED BACK TO SOURCE, UNO.
- F. SUBSCRIPT:
E = EXISTING TO REMAIN
R = RELOCATED
ER = EXISTING TO BE RELOCATED.
EC = EXISTING TO REMAIN, CEILING MOUNT.

SHEET NOTES

- 1. EXISTING ELECTRONIC DOOR STATUS INDICATOR TO BE DEMOLISHED. ALL EQUIPMENT, CONDUIT AND CONDUCTOR TO BE REMOVED BACK TO SOURCE. FIELD VERIFY EXACT LOCATION.
- 2. REMOVE AND DEMOLISH EXISTING FLOOR BOX. FILL WITH CONCRETE LEVEL WITH FINISHED FLOOR PER DIVISION 03 SPECIFICATIONS.
- 3. EXISTING SIMPLEX RECEPTACLE TO BE REMOVED AND DEMOLISHED.
- 4. DEMOLISH EXISTING FAN. PRESERVE CONDUCTORS IN NEAREST JUNCTION BOX FOR REUSE.
- 5. EXISTING DUPLEX RECEPTACLE TO BE REMOVED AND DEMOLISHED. REMOVE CONDUIT. PRESERVE CONDUCTORS IN NEAREST JUNCTION BOX ABOVE CEILING FOR LATER REUSE.
- 6. EXISTING FIRE ALARM DEVICE TO BE REMOVED AND PRESERVED FOR REUSE. PRESERVE WIRING IN NEAREST JUNCTION BOX FOR REUSE. TYPICAL UNLESS NOTED OTHERWISE.
- 7. EXISTING LIGHT FIXTURE TO BE REMOVED AND DEMOLISHED. PRESERVE CONDUCTORS AND CONTROL WIRING IN NEAREST JUNCTION BOX FOR REUSE. TYPICAL UNLESS NOTED OTHERWISE.

KEY PLAN



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McKINNEY PUBLIC SAFETY BUILDING PHASE 5

2200 TAYLOR BURK DR.
McKINNEY, TEXAS 75071

revision no: PR 02 issue date: 03/08/21

issue date: 10/02/2020

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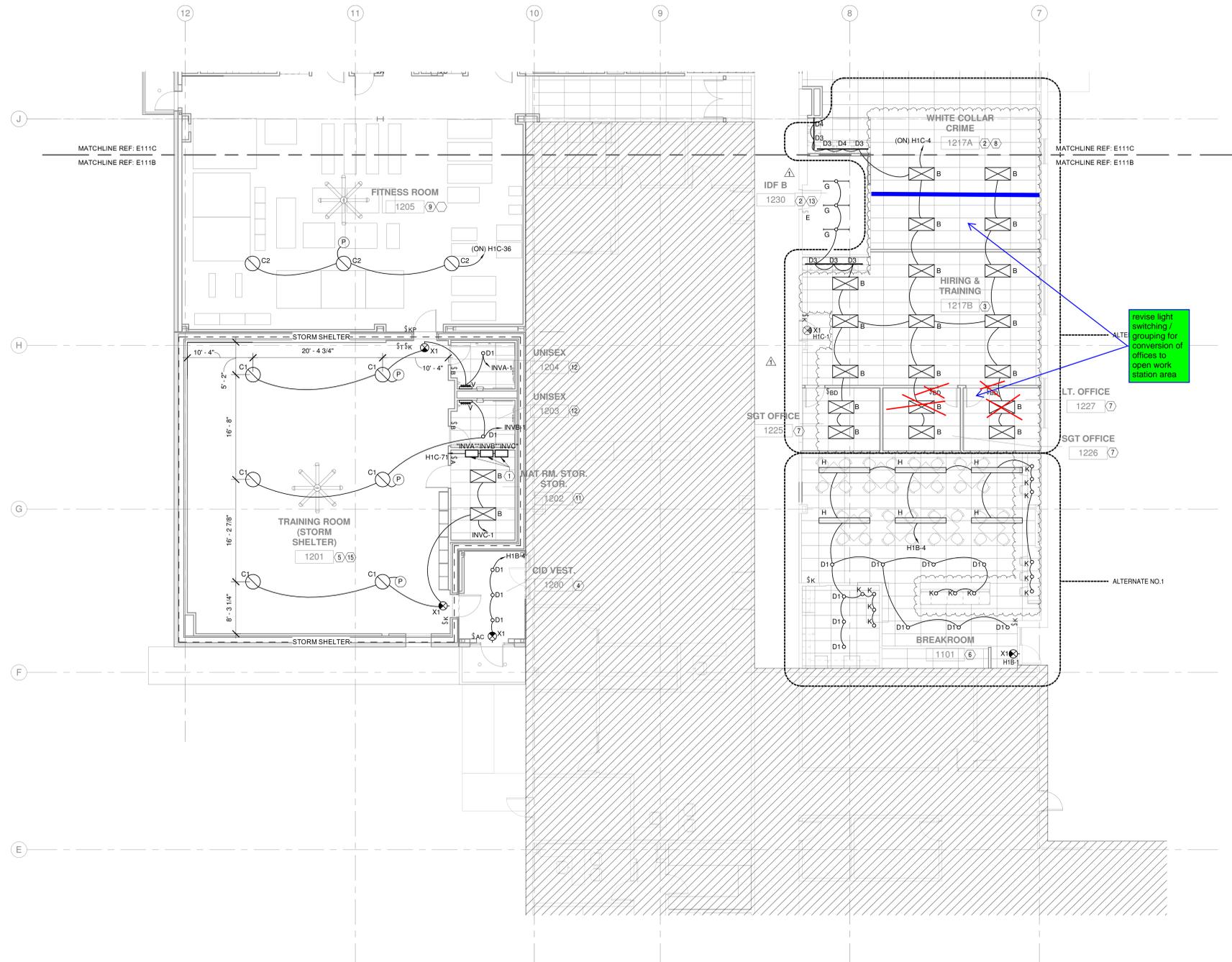
drawn by: BJ checked by: PA

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sheet title:

ELECTRICAL DEMOLITION PLAN - AREA C

sheet no: **ED-111C**



1 ELECTRICAL LIGHTING CEILING PLAN - AREA B
1/8" = 1'-0"

GENERAL NOTES

A. DAYLIGHTING CONTROL SHALL COMPLY WITH IECC 2015 SECTIONS C405.2.3 AND C405.2.5.

B. WHEREVER SIDELIGHTING (WINDOWS) EXIST, DAYLIGHTING CONTROLS WILL BE REQUIRED EXCEPT WHEN THE TOTAL LIGHTING POWER OF THE DAYLIGHTING ZONE IS 150VA OR LESS, OR WHEN THE TOTAL GLAZING AREA IS 24 SF OR LESS.

C. THE DAYLIGHTING ZONE SHALL BE DEFINED AS THE WIDTH OF THE WINDOW PLUS 2 FEET ON EITHER SIDE OF THE WINDOW AND WILL EXTEND THE DISTANCE OF THE HEAD HEIGHT OF THE WINDOW.

D. A DAYLIGHTING SENSOR SHALL BE PROVIDED TO ADJUST THE LIGHTING (LUMENS) IN RESPONSE TO AVAILABLE DAYLIGHT. THE LIGHTING RESPONSE TO THE PRESENCES OF DAYLIGHT SHALL DIM THE ROOM LIGHTS TO ACHIEVE A MINIMUM ILLUMINATION LEVEL.

ROOM LIGHTING CONTROL

A. PRIVATE OFFICES (<300 SF) AND STORAGE ROOMS SHALL HAVE: A) CONTROLS FOR MANUAL ON AND FULL OFF, AND B) OCCUPANCY SENSOR.

B. RESTROOMS SHALL HAVE: A) CONTROLS FOR FULL ON AND FULL OFF, AND B) OCCUPANCY SENSOR.

C. OPEN OFFICES (>300 SF) SHALL HAVE: A) CONTROLS SCENE CONTROL, B) OCCUPANCY SENSOR, C) ABILITY FOR PARTIAL ON, AND D) FULL OFF.

D. BREAK ROOM SHALL HAVE: A) CONTROLS FOR MANUAL ON AND FULL OFF, AND B) OCCUPANCY SENSOR.

E. WEIGHT ROOM AND MAT ROOM SHALL HAVE: A) CONTROLS FOR MANUAL ON AND FULL OFF, AND B) OCCUPANCY SENSOR.

GENERAL:

A. REFER TO EG-001 FOR GENERAL NOTES AND LEGEND.

B. FIXTURE TYPE.

E = EXISTING TO REMAIN

R = RELOCATED

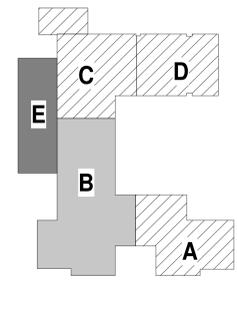
ER = EXISTING TO BE RELOCATED.

C. SHEET NOTES LOCATED NEXT TO ROOM NAME / ROOM NUMBERS DEFINE REQUIREMENTS FOR THE ROOM.

- SHEET NOTES**
- PROVIDE 277V, SINGLE PHASE, 1000 VA LIGHTING INVERTER WITH WALL MOUNTING BRACKET FOR STORM SHELTER LIGHTING. MOUNT 6' AFF. EQUAL TO LM-1000-1P-B-08-C1-WM. REFER TO INVERTER EMERGENCY LIGHTING CALCULATIONS ON E-601.
 - EXTEND EXISTING LIGHTING CIRCUITS IN EXISTING ROOM AS SHOWN TO NEW OR RELOCATED LIGHT FIXTURES IN THIS ROOM AS SHOWN.
 - REFER TO LIGHTING CONTROL DETAIL E-502/12 FOR HIRING & TRAINING, 1217B.
 - REFER TO LIGHTING CONTROL DETAIL E-502/2 FOR CID VESTIBULE, TYPICAL.
 - REFER TO LIGHTING CONTROL DETAIL E-502/8 FOR TRAINING ROOM / STORM SHELTER, 1201.
 - REFER TO LIGHTING CONTROL DETAIL E-502/11 FOR BREAKROOM, 1101.
 - REFER TO LIGHTING CONTROL DETAIL E-502/1 FOR PRIVATE OFFICE, TYPICAL.
 - REFER TO LIGHTING CONTROL DETAIL E-502/6 FOR WHITE COLLAR CRIME, 1217A.
 - REFER TO LIGHTING CONTROL DETAIL E-502/9 FOR FITNESS ROOM, 1205.
 - NOT USED.
 - REFER TO LIGHTING CONTROL DETAIL E-502/4 FOR LAUNDRY ROOM, 1207.
 - REFER TO LIGHTING CONTROL DETAIL E-502/3 FOR RESTROOM, TYPICAL.
 - EXISTING LIGHTING TO REMAIN. EXTEND EXISTING LIGHTING CONTROL CIRCUIT TO NEW LIGHT FIXTURE.
 - NOT USED.
 - TYPE 'C1' FIXTURE TO BE SURFACE MOUNTED TO CENTER OF THE STRUCTURAL W FLANGE. DIMENSIONS ARE APPROXIMATE. FIELD VERIFY EXACT LOCATION OF W FLANGES.
 - NOT USED.

SHEET NOTES NOT USED:
10, 14, 16

KEY PLAN



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client / owner

McKINNEY
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McKINNEY
POLICE
DEPARTMENT

project

McKINNEY
PUBLIC
SAFETY
BUILDING
PHASE 5

2200 TAYLOR
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McKINNEY,
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revision no:	issue date:
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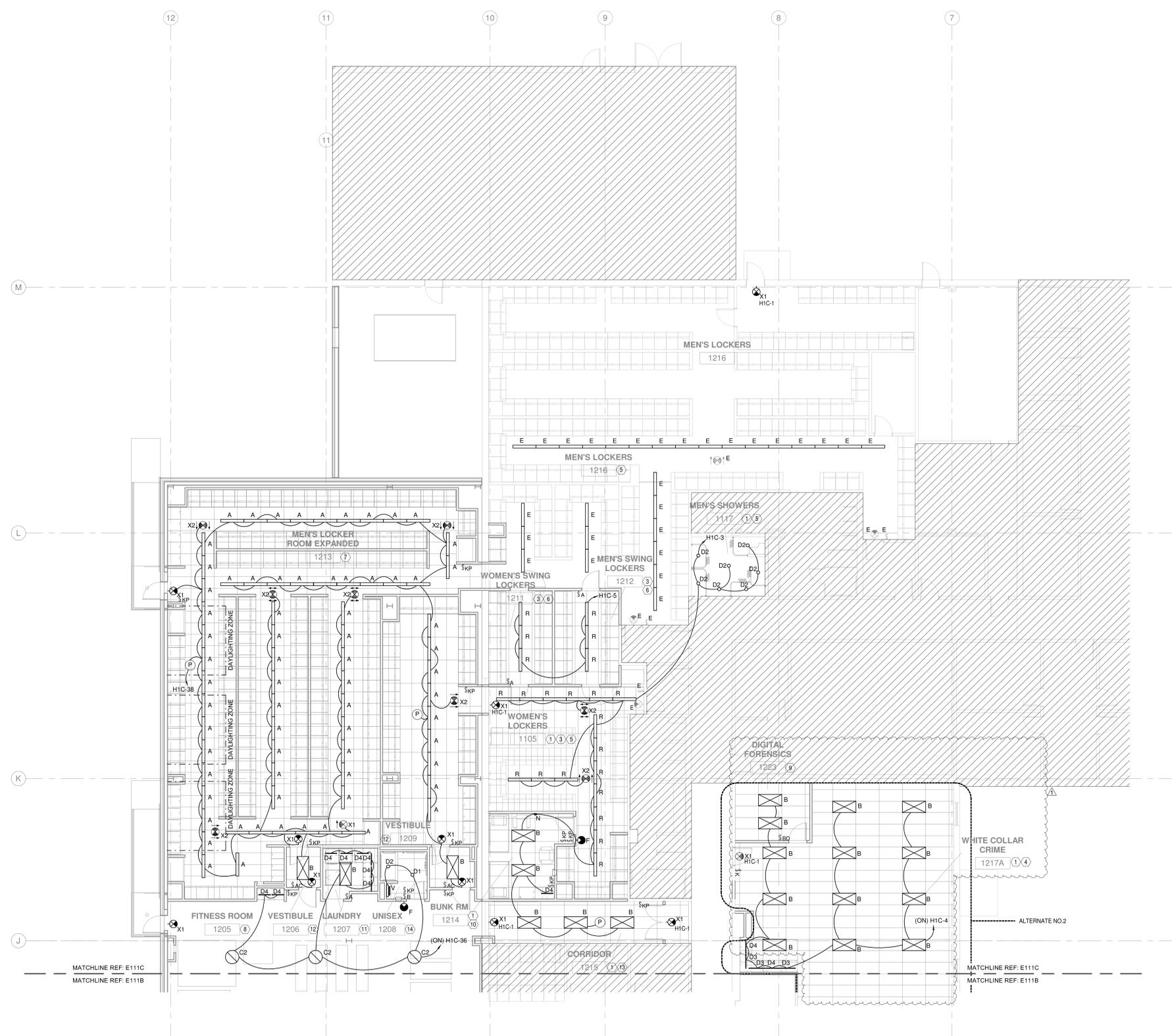
drawn by: BJ checked by: PA

issue title: ISSUED FOR CONSTRUCTION

sheet title:

ELECTRICAL LIGHTING CEILING PLAN - AREA B

sheet no: **E-111B**



1 ELECTRICAL LIGHTING CEILING PLAN - AREA C
1/8" = 1'-0"

GENERAL NOTES

DAYLIGHTING CONTROL
 A. DAYLIGHTING CONTROLS SHALL COMPLY WITH IECC 2015 SECTIONS C405.2.3 AND C405.2.5
 B. WHEREVER SIDELIGHTING (WINDOWS) EXIST, DAYLIGHTING CONTROLS WILL BE REQUIRED EXCEPT WHEN THE TOTAL LIGHTING POWER OF THE DAYLIGHTING ZONE IS 150VA OR LESS, OR WHEN THE TOTAL GLAZING AREA IS 24 SF OR LESS.
 C. THE DAYLIGHTING ZONE SHALL BE DEFINED AS THE WIDTH OF THE WINDOW PLUS 2 FEET ON EITHER SIDE OF THE WINDOW AND WILL EXTEND THE DISTANCE OF THE HEAD HEIGHT OF THE WINDOW.
 D. A DAYLIGHTING SENSOR SHALL BE PROVIDED TO ADJUST THE LIGHTING (LUMENS) IN RESPONSE TO AVAILABLE DAYLIGHT. THE LIGHTING RESPONSE TO THE PRESENCE OF DAYLIGHT SHALL DIM THE ROOM LIGHTS TO ACHIEVE A MINIMUM ILLUMINATION LEVEL.

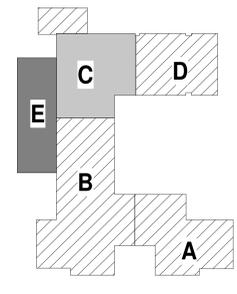
ROOM LIGHTING CONTROL
 A. PRIVATE OFFICES (<300 SF) AND STORAGE ROOMS SHALL HAVE: A) CONTROLS FOR MANUAL ON AND FULL OFF, AND B) OCCUPANCY SENSOR.
 B. RESTROOMS SHALL HAVE: A) CONTROLS FOR FULL ON AND FULL OFF, AND B) OCCUPANCY SENSOR.
 C. OPEN OFFICES (>300 SF) SHALL HAVE: A) CONTROLS SCENE CONTROL, B) OCCUPANCY SENSOR, C) ABILITY FOR PARTIAL ON, AND D) FULL OFF.
 D. BREAK ROOM SHALL HAVE: A) CONTROLS FOR MANUAL ON AND FULL OFF, AND B) OCCUPANCY SENSOR.
 E. WEIGHT ROOM AND MAT ROOM SHALL HAVE: A) CONTROLS FOR MANUAL ON AND FULL OFF, AND B) OCCUPANCY SENSOR.

GENERAL:
 A. REFER TO EG-001 FOR GENERAL NOTES AND LEGEND.
 B. FIXTURE TYPE:
 E = EXISTING TO REMAIN
 R = RELOCATED
 ER = EXISTING TO BE RELOCATED.
 C. SHEET NOTES LOCATED NEXT TO ROOM NAME / ROOM NUMBERS DEFINE REQUIREMENTS FOR THE ROOM.

- SHEET NOTES**
- EXTEND EXISTING LIGHTING CIRCUITS IN EXISTING ROOM AS SHOWN TO NEW OR RELOCATED LIGHT FIXTURES IN THIS ROOM AS SHOWN.
 - NOT USED.
 - DETERMINE THE HIGHEST QUALITY STORED LOCKER ROOM LIGHT FIXTURES OF THE QUANTITY SHOWN. REINSTALL THE HIGHEST QUALITY LIGHT FIXTURES AS SHOWN. TYPICAL FOR EXISTING LOCKER ROOMS.
 - REFER TO LIGHTING CONTROL DETAIL E-502/8 FOR WHITE COLLAR CRIME, 1217A.
 - EXTEND EXISTING LIGHTING CONTROL CIRCUIT TO RELOCATED LIGHT FIXTURES. UTILIZE EXISTING LINE VOLTAGE LIGHTING CONTROL DEVICES.
 - EXTEND EXISTING LIGHTING CONTROL CIRCUIT TO RELOCATED LIGHT FIXTURES. PROVIDE NEW SPST LIGHTING CONTROL DEVICES AS SHOWN.
 - REFER TO LIGHTING CONTROL DETAIL E-502/7 FOR MEN'S LOCKER ROOM EXPANDED, 1213.
 - REFER TO LIGHTING CONTROL DETAIL E-502/9 FOR FITNESS ROOM, 1205.
 - REFER TO LIGHTING CONTROL DETAIL E-502/1 FOR PRIVATE OFFICE, TYPICAL.
 - REFER TO LIGHTING CONTROL DETAIL E-502/13 FOR BUNK ROOM, 1214.
 - REFER TO LIGHTING CONTROL DETAIL E-502/4 FOR LAUNDRY ROOM, 1207.
 - REFER TO LIGHTING CONTROL DETAIL E-502/2 FOR CID VESTIBULE, TYPICAL.
 - REFER TO LIGHTING CONTROL DETAIL E-502/10 FOR CORRIDOR, 1215.
 - REFER TO LIGHTING CONTROL DETAIL E-502/3 FOR RESTROOM, TYPICAL.

SHEET NOTES NOT USED:
2

KEY PLAN



McKINNEY POLICE DEPARTMENT

project
McKINNEY PUBLIC SAFETY BUILDING PHASE 5
 2200 TAYLOR BURK DR.
 McKINNEY, TEXAS 75071

revision no: PR 02 issue date: 03/08/21

issue date: 10/02/2020

vai project no: 38326.001

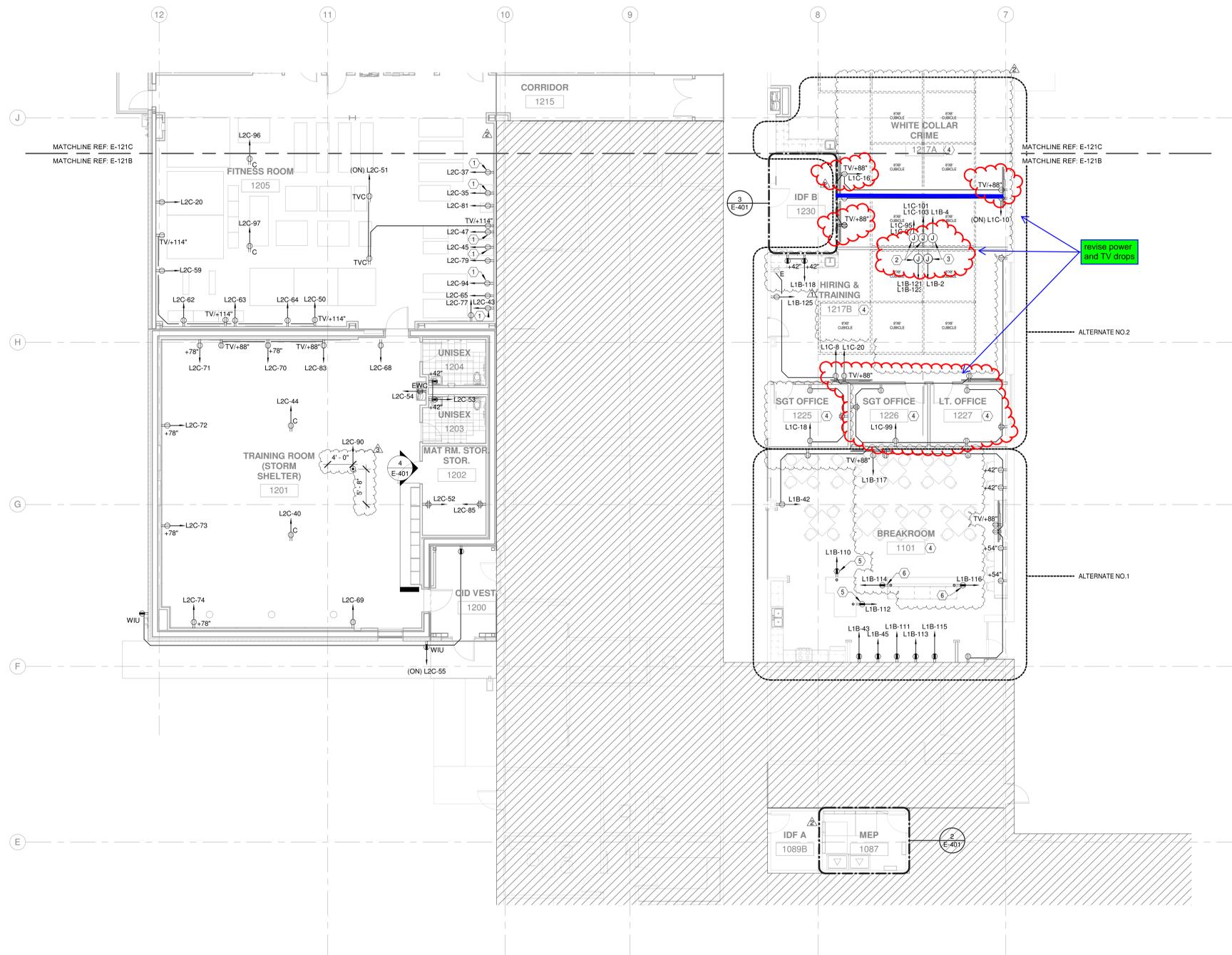
drawn by: BJ checked by: PA

issue title: ISSUED FOR CONSTRUCTION

sheet title:

ELECTRICAL LIGHTING CEILING PLAN - AREA C

sheet no: **E-111C**



1 ELECTRICAL POWER FLOOR PLAN - AREA B
1/8" = 1'-0"

GENERAL NOTES

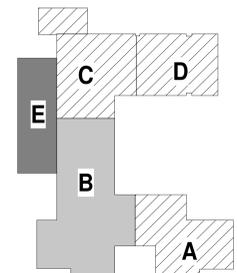
- A. REFER TO SHEET EG-001 FOR GENERAL NOTES AND LEGEND.
- B. SUBSCRIPT:
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EC = EXISTING TO REMAIN, CEILING MOUNT.
- C. SHEET NOTES LOCATED NEXT TO ROOM NAME / ROOM NUMBERS DEFINE REQUIREMENTS FOR THE ROOM.

SHEET NOTES

1. PROVIDE DEDICATED RECEPTACLE FOR EXERCISE EQUIPMENT.
2. PROVIDE JUNCTION BOX WITH TWO (2) CIRCUITS FOR WALL MOUNTED FURNITURE WHIP. PROVIDE 2 #10, #10G, 3/4" FINAL PLACEMENT TO BE COORDINATED WITH OWNER'S FURNITURE PACKAGE PRIOR TO ROUGH-IN INSTALLATION. ELECTRICIAN IS RESPONSIBLE FOR ROUTING WHIPS, TERMINATING, AND ENERGIZING WORK STATIONS.
3. PROVIDE JUNCTION BOX FOR WALL MOUNTED FURNITURE WHIP. PROVIDE #10, #10N, #10G, 3/4". FINAL PLACEMENT TO BE COORDINATED WITH OWNER'S FURNITURE PACKAGE PRIOR TO ROUGH-IN INSTALLATION. ELECTRICIAN IS RESPONSIBLE FOR ROUTING WHIPS, TERMINATING, AND ENERGIZING WORK STATIONS.
4. EXTEND EXISTING RECEPTACLE CIRCUITS TO NEW RECEPTACLES IN THIS ROOM AS SHOWN.
5. PROVIDE DEDICATED RECEPTACLE. STUB UP CONDUIT FROM CRAWL SPACE TO THE INTERIOR OF THE MILLWORK. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO INSTALLATION. PROVIDE SEALANT TO MAKE PENETRATION WEATHER TIGHT.
6. PROVIDE DEDICATED RECEPTACLE. STUB UP CONDUIT FROM CRAWL SPACE TO THE INTERIOR OF THE BUFFET. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO INSTALLATION. PROVIDE SEALANT TO MAKE PENETRATION WEATHER TIGHT.
7. NOT USED.
8. NOT USED.

SHEET NOTES NOT USED:
⑦ ⑧

KEY PLAN



McKINNEY POLICE DEPARTMENT

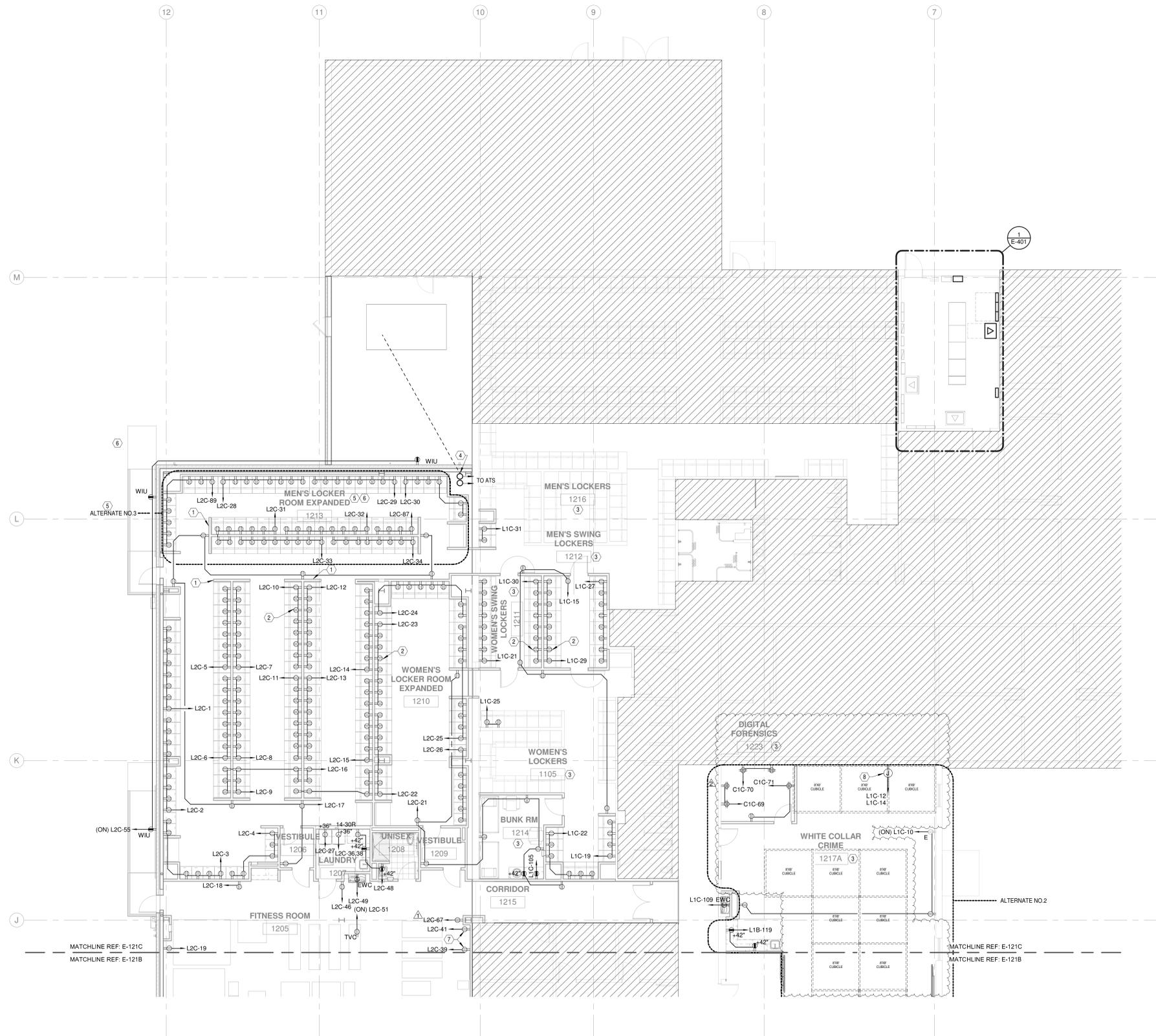
project
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2200 TAYLOR BURK DR.
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revision no:	issue date:
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vai project no: 38326.001
drawn by: BJ checked by: PA
issue title: ISSUED FOR CONSTRUCTION
sheet title:

ELECTRICAL POWER FLOOR PLAN - AREA B

sheet no: **E-121B**



1 ELECTRICAL POWER FLOOR PLAN - AREA C
1/8" = 1'-0"

GENERAL NOTES

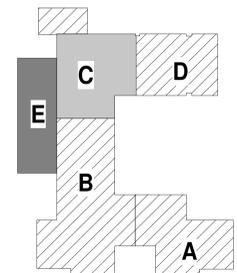
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SHEET NOTES

- 1 RUN CIRCUITS FROM OVERHEAD CEILING DOWN FULL HEIGHT WALL PORTION LOCATED ON THE END OF LOCKER BANKS TO RECEPTACLES.
- 2 PROVIDE RECEPTACLE FOR LOCKER WITH TOP OF BOX AT 5'-6" AFF. COORDINATE REQUIREMENTS WITH SHEET A-732 AND ACTUAL PROVIDED LOCKER PRIOR TO INSTALLATION. TYPICAL FOR ALL LOCKER RECEPTACLES SHOWN UNLESS NOTED OTHERWISE.
- 3 EXTEND EXISTING RECEPTACLE CIRCUITS TO NEW RECEPTACLES IN THIS ROOM AS SHOWN.
- 4 CONDUIT FROM FUTURE GENERATOR TO ATS RISES TO CEILING IN CHASE. REFER TO SITE PLAN E-100 FOR ADDITIONAL INFORMATION.
- 5 BASE BID: PROVIDE CONDUIT, RECEPTACLE BOXES, AND BLANK COVER PLATES IN LIEU OF RECEPTACLES SHOWN. ALL CIRCUITS SHALL BE BROUGHT TO THE TOP OF THE STUD WALL SEPARATING THE LOCKERS AND LABELED FOR FUTURE EXTENSION TO LOCKER RECEPTACLE BOX.
- 6 ALTERNATE NO.3: PROVIDE ALL LOCKER RECEPTACLES CIRCUITED AS SHOWN.
- 7 PROVIDE DEDICATED RECEPTACLE FOR EXERCISE EQUIPMENT.
- 8 PROVIDE JUNCTION BOX WITH TWO (2) CIRCUITS FOR WALL MOUNTED FURNITURE WHIP. PROVIDE 2 #10, #100, 3/4" C. FINAL PLACEMENT TO BE COORDINATED WITH OWNER'S FURNITURE PACKAGE PRIOR TO ROUGH-IN INSTALLATION. ELECTRICIAN IS RESPONSIBLE FOR ROUTING, WHIPS, TERMINATING, AND ENERGIZING WORK STATIONS.

SHEET NOTES NOT USED:

KEY PLAN



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project

McKINNEY PUBLIC SAFETY BUILDING PHASE 5

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PR 01	03/01/21
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issue date: 10/02/2020

vai project no: 38326.001

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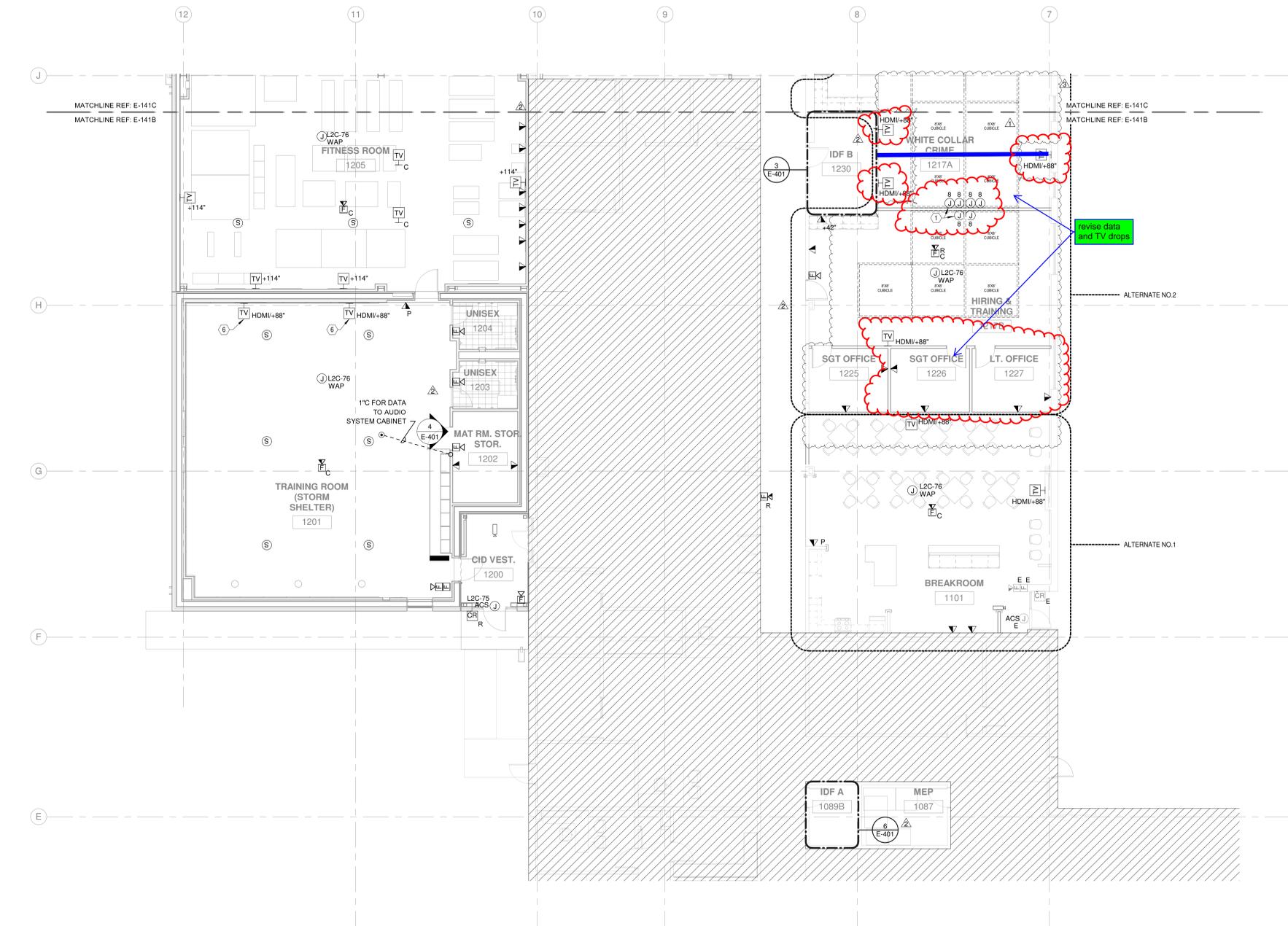
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ELECTRICAL POWER FLOOR PLAN - AREA C

sheet no: E-121C

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1 SPECIAL SYSTEMS FLOOR PLAN - AREA B
1/8" = 1'-0"

GENERAL NOTES

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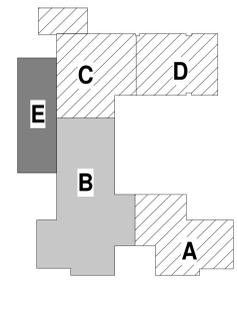
SHEET NOTES

- 1 JUNCTION BOX FOR CUBICLE DATA. PROVIDE 1-1/2" TO CEILING. ROUTING OF CABLING IN FURNITURE SPINE SHALL BE COORDINATED WITH FURNITURE INSTALLATION. FINAL PLACEMENT/POSITION IN WALL SHALL BE COORDINATED WITH FURNITURE INSTALLATION PRIOR TO ROUGH-IN.
- 2 NOT USED.
- 3 NOT USED.
- 4 NOT USED.
- 5 NOT USED.
- 6 PROVIDE 1" FROM TV STORAGE BOX TO HDMI OUTLET IN STORAGE CUBBIES IN TRAINING ROOM. REF: 4/E-401.

SHEET NOTES NOT USED:

- 2, 3, 4, 5

KEY PLAN



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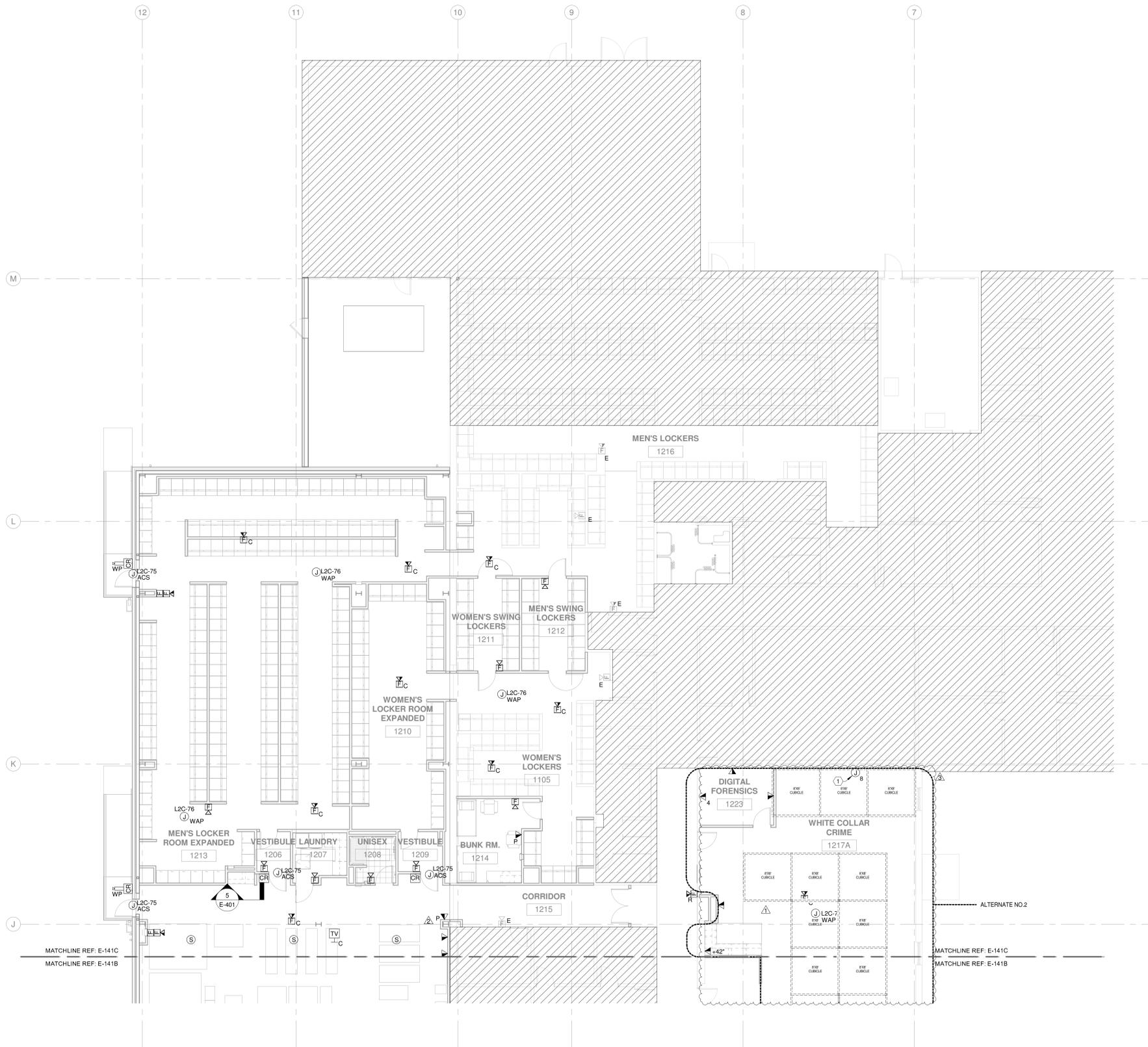
revision no:	issue date:
ASI #1	11/11/20
PR 01	03/01/21
PR 02	03/08/21

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vai project no: 38326.001
drawn by: BJ checked by: PA
issue title: ISSUED FOR CONSTRUCTION
sheet title:

SPECIAL SYSTEMS FLOOR PLAN - AREA B

sheet no: **E-141B**

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1 SPECIAL SYSTEMS FLOOR PLAN - AREA C
1/8" = 1'-0"

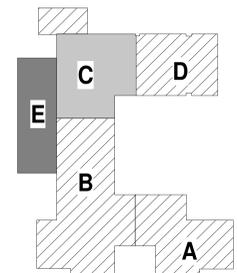
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issue date:	10/02/2020
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SPECIAL SYSTEMS FLOOR PLAN - AREA C

sheet no:
E-141C