



UNIVERSITY MEDICAL CENTER ON-CALL ROOM RENOVATIONS PROPOSAL ITEM #3

602 INDIANA AVENUE
LUBBOCK, TX 79415

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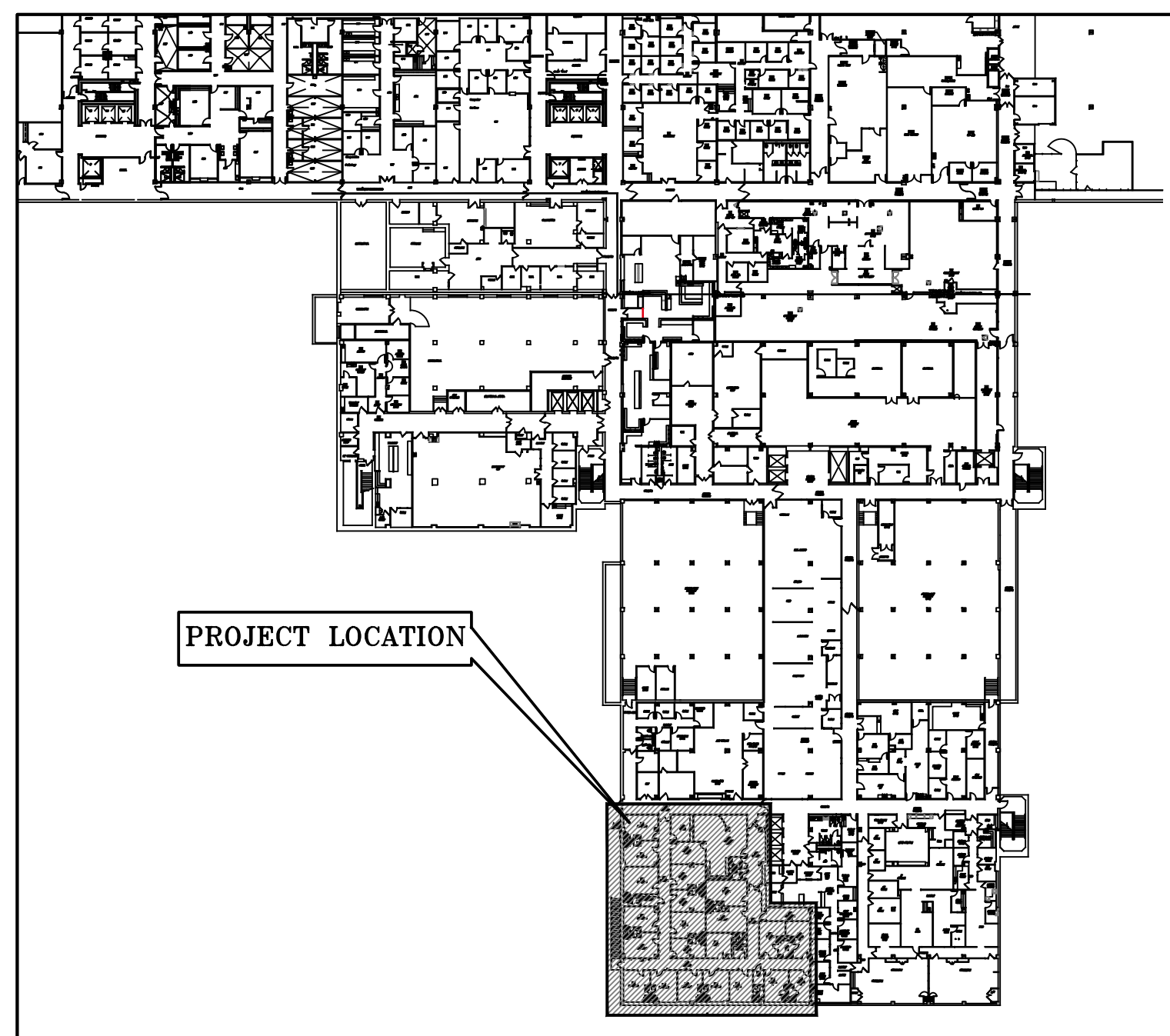
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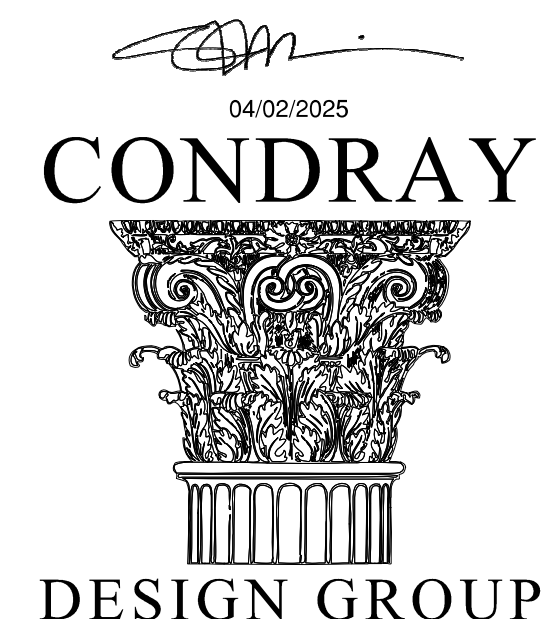
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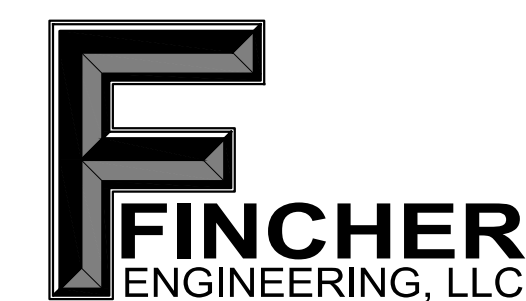


UMC BASEMENT FLOOR LOCATION PLAN
NOT TO SCALE



ARCHITECTURE
& INTERIOR DESIGN

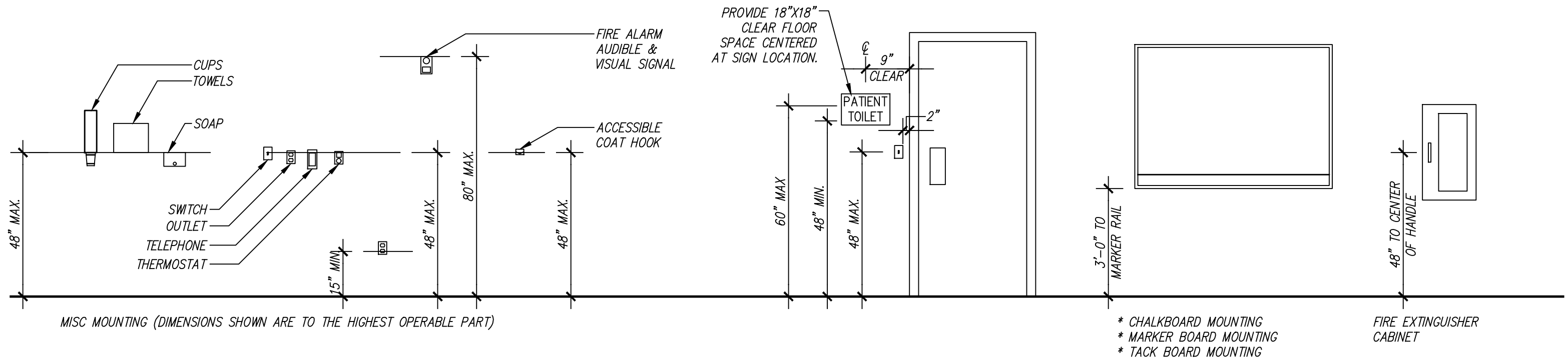
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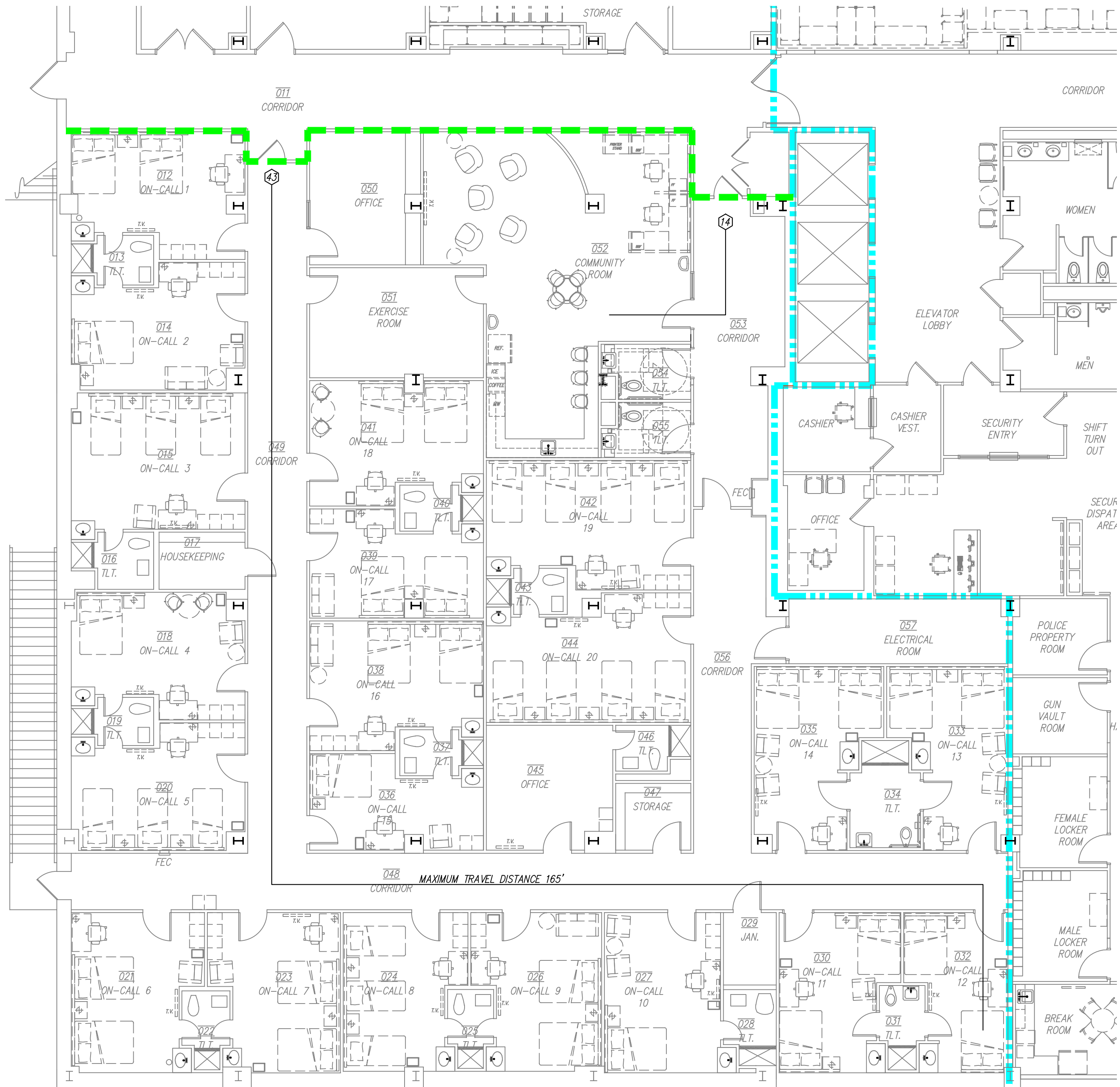
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ON-CALL ROOM RENOVATIONS
PROPOSAL ITEM #3

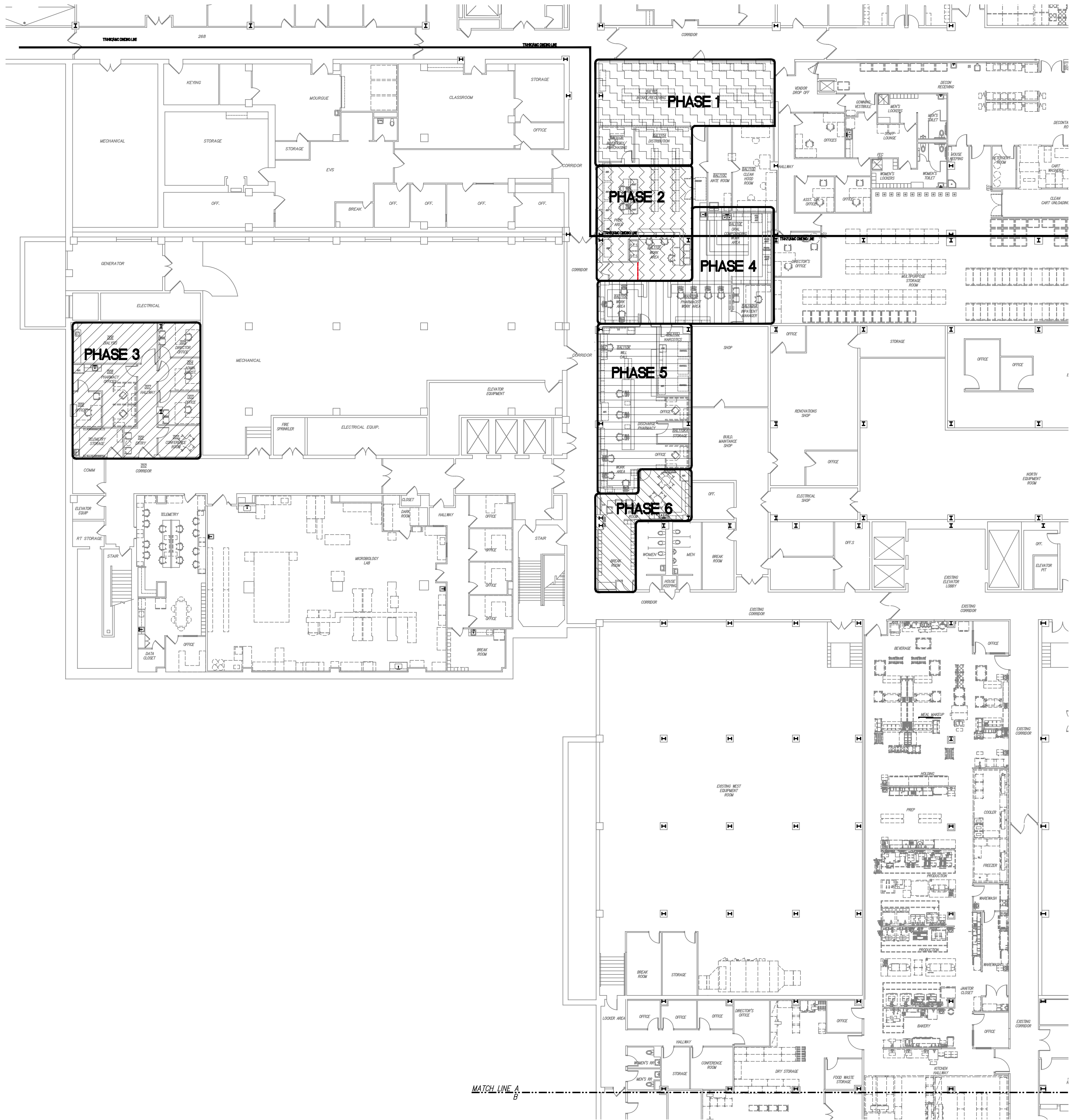
CDG PROJ NO. 22509
DATE: 04/02/2025



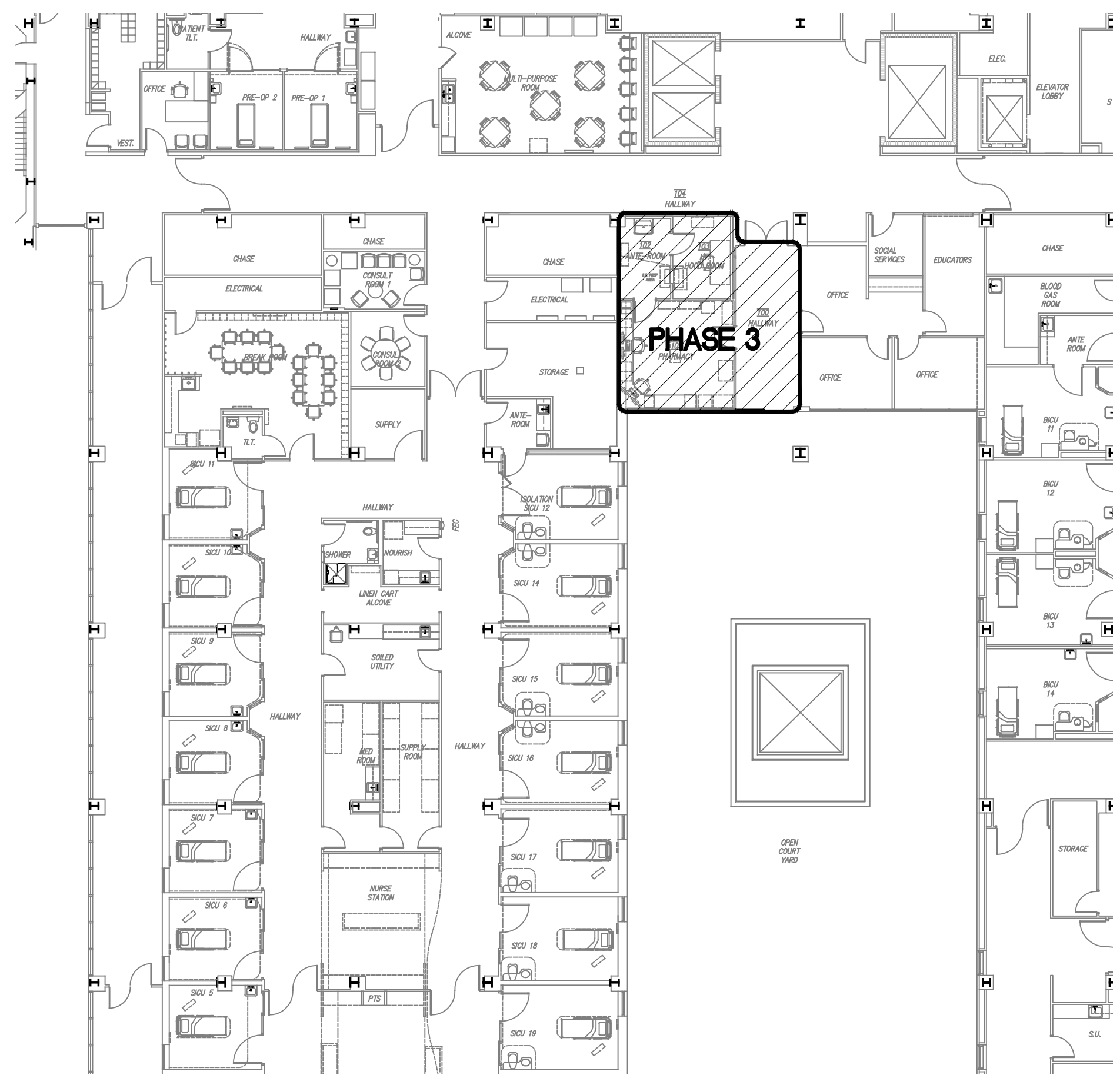
STANDARD ACCESSIBLE MOUNTING HEIGHTS

SCALE: 3/8" = 1'-0"



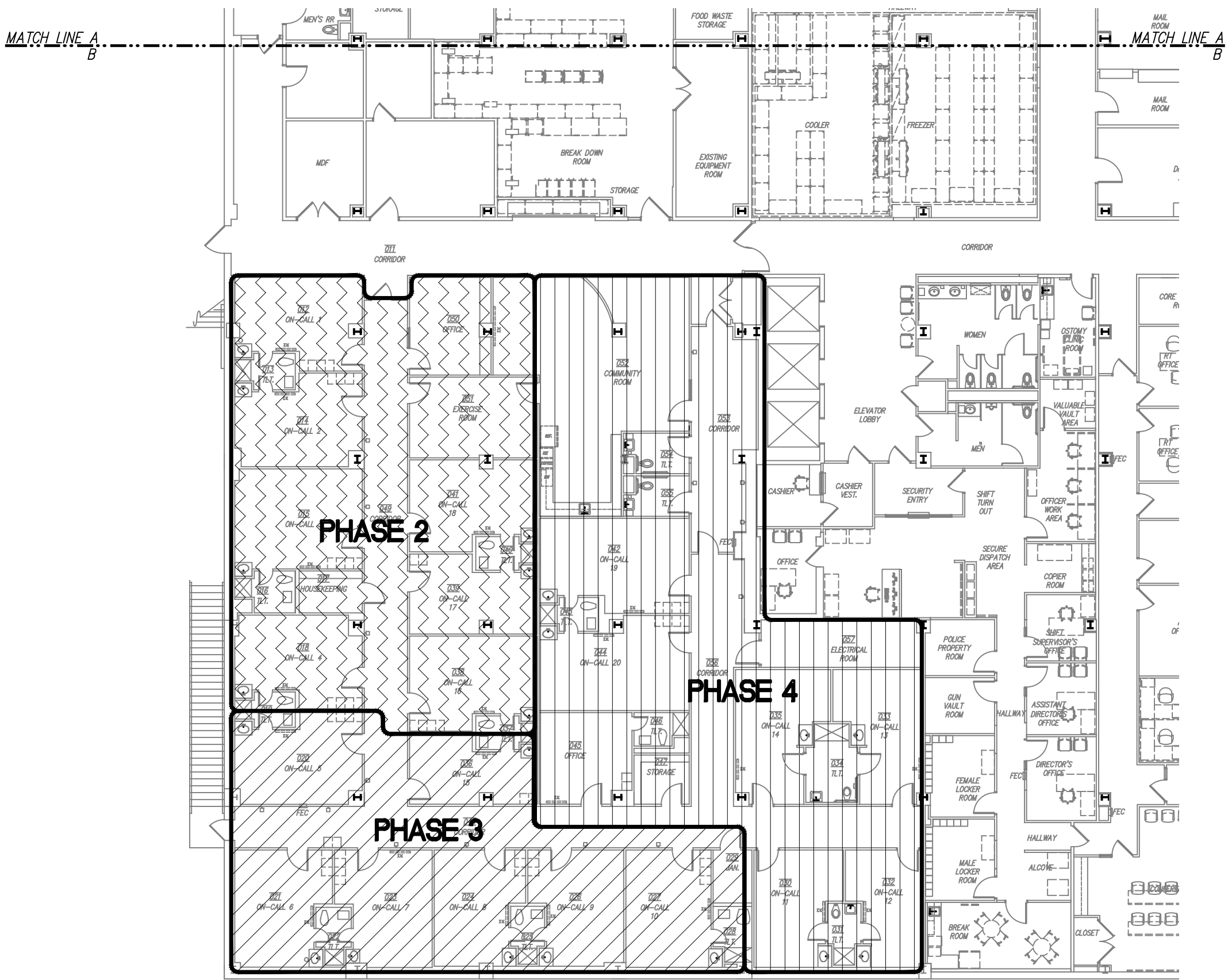


27/CR2 BASEMENT FLOOR NORTH-CENTRAL PHARMACY PHASING PLAN
SCALE: 1/16" = 1'-0"



06/CR2 PARTIAL FIRST FLOOR-OR PHARMACY PHASING PLAN

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



08/CR2 BASEMENT FLOOR SOUTH-ON CALL ROOMS PHASING PLAN

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



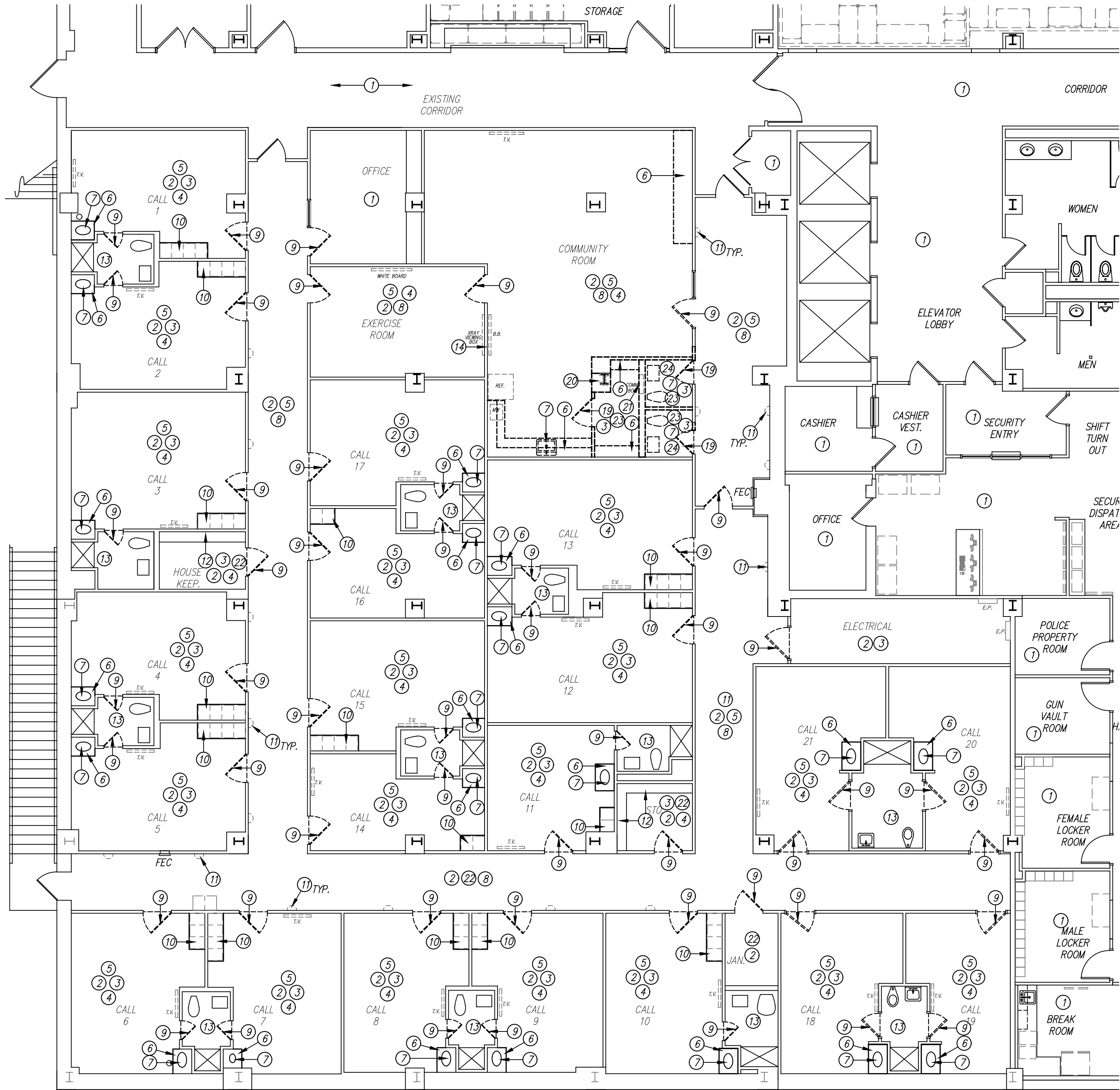
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PROJECT NO. 22509
DATE: 04/02/2025
SHEET NO.
CR2
2 OF 2



KEYED NOTES

DESIGNATED BY: ⑦

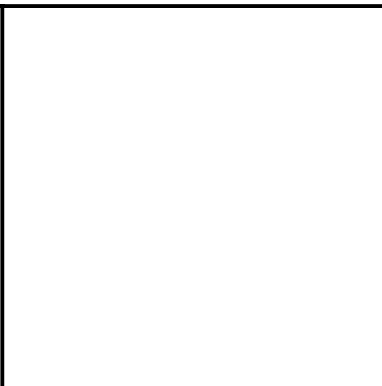
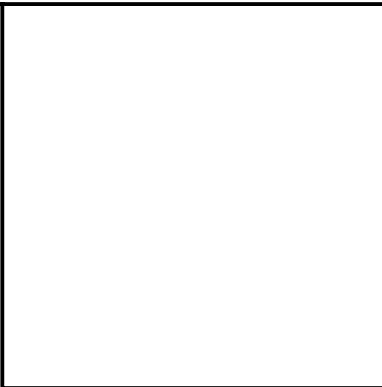
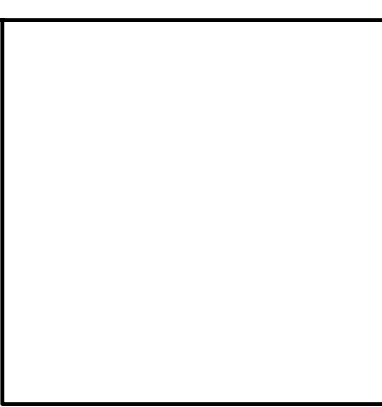
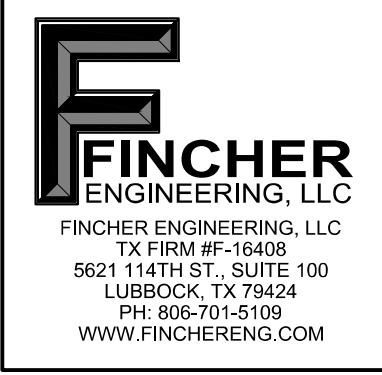
- 1) NO WORK IN THIS AREA.
- 2) PREP ALL WALLS SCHEDULED TO REMAIN TO RECEIVE NEW PAINT. REMOVE ANY ABANDONED ANCHORS, REPAIR ANY GOUGES OR HOLES AND RE-TEXTURE WALLS AS REQUIRED TO MATCH EXISTING TEXTURED WALLS.
- 3) REMOVE ALL FLOORING AND WALL BASE IN THEIR ENTIRETY. PREP FLOOR FOR NEW FINISH.
- 4) COORDINATE REMOVAL OR RELOCATION OF EXISTING EQUIPMENT WITH OWNER. SALVAGE FOR OWNER REUSE.
- 5) REMOVE EXISTING CEILING TILES, CEILING GRID, LIGHT FIXTURES, HVAC GRILLES AND OTHER CEILING DEVICES TO ACCOMMODATE ABOVE CEILING WORK. REFER TO MPE DRAWINGS FOR MORE INFORMATION.
- 6) REMOVE EXISTING MILLWORK IN ITS ENTIRETY.
- 7) REMOVE PLUMBING FIXTURE(S) AND ACCESSORIES. REFER TO PLUMBING FOR MORE INFORMATION.
- 8) EXISTING FLOORING TO REMAIN. REMOVE AND REPLACE WALL BASE. REFER TO FINISH SCHEDULE.
- 9) REMOVE EXISTING DOOR, EXISTING FRAME TO REMAIN. REPAINT FRAME AND PREP FOR NEW DOOR.
- 10) REMOVE UPPER CABINETS ABOVE LOCKERS. SAVE LOCKERS FOR REUSE.
- 11) REMOVE EXISTING WALL SCONCE AND REPLACE WITH NEW FIXTURE. REFER TO ELECTRICAL.
- 12) EXISTING SHELVING TO REMAIN.
- 13) REPAIR WALLS AND TOUCH UP PAINT AS NEEDED.
- 14) REMOVE X-RAY VIEWING BOX. PATCH AND TOUCH UP WALL.
- 15) REMOVE EXISTING DOOR(S) AND FRAME IN THEIR ENTIRETY. SALVAGE FOR OWNER REUSE.
- 16) REMOVE GYPSUM BOARD AND EXISTING STUDS AROUND EXISTING COLUMN. DO NOT REMOVE EXISTING FIRE PROOFING.
- 17) REMOVE EXISTING COMMUNICATION BOX. REFER TO ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- 18) REMOVE AND REPLACE EXISTING CEILING TILES AS SCHEDULED. CEILING GRID AND LIGHT FIXTURES TO REMAIN. REPLACE LIGHT FIXTURE IF HAVE NOT BEEN CHANGED TO LED. REFER TO MPE DRAWINGS FOR MORE INFORMATION.
- 19) REMOVE EXISTING CEILING TILES, GRID, LIGHT FIXTURES AND DEVICES TO ACCOMMODATE NEW WORK. REFER TO MPE DRAWINGS FOR MORE INFORMATION.
- 20) REMOVE WALL TILES AND GYPSUM BOARD ON WALLS TO REMAIN. PREP EXISTING STUDS TO REPLACE WITH NEW GYPSUM BOARD.

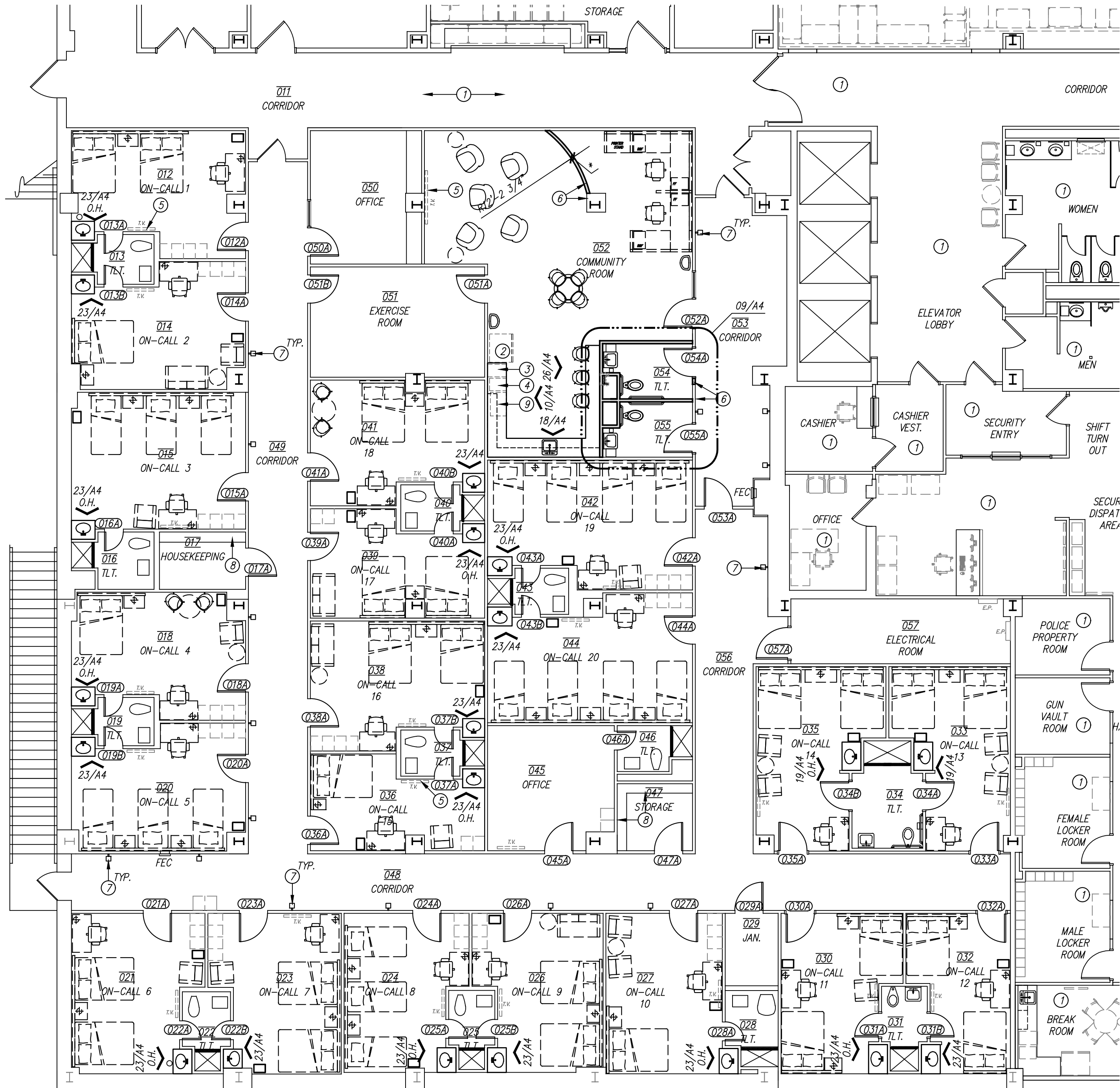
GENERAL NOTES

- 1). REFER TO MECHANICAL, PLUMBING AND ELECTRICAL SHEETS, WHERE APPLICABLE, FOR ADDITIONAL DEMOLITION INFORMATION.
- 2). ON ALL WALLS SCHEDULED TO REMAIN TO BE REWORKED OR RECEIVE NEW FINISH, CONTRACTOR SHALL REMOVE ANY EXISTING EQUIPMENT, DECORATIONS, DEVICES, ETC. AND SALVAGE FOR REINSTALLATION AS DIRECTED BY OWNER. CONTRACTOR IS TO PATCH BACK ANY HOLES OR ABANDONED ANCHORS AND RE-TEXTURE WALLS IF NECESSARY, AND PREP FOR NEW FINISH AS SCHEDULED.
- 3). NOTIFY ARCHITECT OF ANY DISCREPANCIES WITH EXISTING OR NEW CONDITIONS.
- 4). CONTRACTOR SHALL PATCH AND REPAIR WALLS, FLOOR, AND CEILINGS AT ALL INTERSECTIONS WHERE WALLS ARE REMOVED OR WHERE DEVICES, EQUIPMENT, ACCESSORIES, ETC. ARE REMOVED. PREP WALLS TO RECEIVE NEW FINISH. NEW CONSTRUCTION SHOULD MATCH ADJACENT FINISHES AND MATERIALS AND PROVIDE SMOOTH AND COMPLETE TRANSITION.
- 5). ALL ITEMS INDICATED TO BE SALVAGED ARE TO BE VERIFIED WITH THE OWNER. IF OWNER DECLINES SALVAGE, CONTRACTOR SHALL REMOVE ITEMS FROM THE SITE AND DISPOSE OF THEM PROPERLY.
- 6). ALL ABANDONED PIPING, CONDUIT, WIRING, ETC. IS TO BE REMOVED BACK TO THE SOURCE, I.E. FURTHER JOINT WHERE NOTHING ELSE IS SERVED OFF OF THE SAME FEED.
- 7). CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND REINSTALLATION OF ANY PLUMBING FIXTURES, ELECTRICAL ITEMS, TOILET ACCESSORIES, WALL-HUNG EQUIPMENT, ETC. WHERE WALLS ARE TO RECEIVE NEW FINISHES. ALL ITEMS ARE TO BE REINSTALLED IN COMPLIANCE WITH T.A.S. REQUIREMENTS.
- 8). FOR ALL DOOR FRAMES IN SCOPE OF PROJECT, PREP AND PAINT. REFER TO FINISH SCHEDULE.
- 9). REMOVE/REPAIR ANY ABANDONED WALL ANCHORS OR HOLES FOR NEW FINISH.
- 10). PATCH BACK AND REPAIR ALL WALLS, CEILING AND FLOORS WHERE DAMAGED DUE TO FIXTURE OR DEVICE REMOVAL/RELOCATION. MATCH MATERIAL OR EXISTING SURROUNDING CONDITIONS.
- 11). ALL EXISTING FLOORING TO BE REMOVED AS REQUIRED TO ACCOMMODATE NEW WORK. REFER TO FINISH SCHEDULE.
- 12). REPAIR GRID AND REPLACE CEILING TILES WHERE WALLS, FIXTURES, OR DEVICES ARE REMOVED. REPLACE ALL DAMAGED CEILING TILES IN THE AREA OF WORK. GRID SECTIONS ARE TO BE REPLACED BACK TO NEAREST 4' SECTION AT A MINIMUM. NO SPLICES.

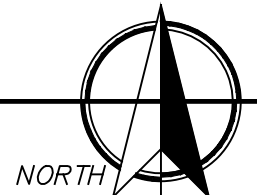
DEMOLITION PLAN LEGEND

- EXISTING DOOR TO BE REMOVED
- EXISTING DOOR TO REMAIN
- EXISTING WALL TO BE REMOVED
- EXISTING WALL TO REMAIN
- FLOORING EXTENT
- EXISTING FIRE EXTINGUISHER TO REMAIN





24/A2 BASEMENT FLOOR-DIMENSION & ANNOTATED PLAN
SCALE: 1/8" = 1'-0"



GENERAL NOTES

- ON ALL WALLS SCHEDULED TO REMAIN PATCH EXISTING HOLES, CRACKS, OR OTHERWISE DAMAGED AREAS AND RE-TEXTURE AND PAINT AS SCHEDULED.
- THE MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS ARE SUPPLEMENTARY TO THE ARCHITECTURAL DRAWINGS. SHOULD THERE BE A DISCREPANCY BETWEEN THE ARCHITECTURAL DRAWINGS AND THE CONSULTANT DRAWINGS, SUCH DISCREPANCY IS TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND THE CONTRACTOR SHALL RECEIVE INSTRUCTION PRIOR TO INSTALLATION OR PERFORMANCE OF SAD WORK. ANY WORK PERFORMED IN CONFLICT WITH THE DRAWINGS SHALL BE CORRECTED BY THE CONTRACTOR AT HIS OWN EXPENSE.
- REFER TO PROJECT MANUAL FOR ROOM FINISH SCHEDULE.
- ALL NEW WALLS TO RECEIVE FULL BATT INSULATION FROM FLOOR TO THE FULL HEIGHT OF THE WALL, INCLUDING ABOVE CEILING.
- ALL WALLS ARE TO BE PARTITION TYPE "P1" UNLESS NOTED OTHERWISE.
- ANY CORING THAT IS NECESSARY FOR THE INSTALLATION OF PLUMBING LINES, CONDUITS, ETC. IS TO BE SCHEDULED WITH THE OWNER IN ADVANCE.
- AT ALL NEW FLOOR DRAIN LOCATIONS, THE SLAB IS TO BE RECESSED AND SLOPED FOR POSITIVE DRAINAGE. UNLESS NOTED OTHERWISE, SLOPE IS TO BE 1/8"=1'-0" WITH 1/2" OVERALL RECESS. EXISTING SLABS ARE TO BE CHIPPED OUT TO ACCOMMODATE.
- CONTRACTOR SHALL COORDINATE ALL WORK WITH EQUIPMENT MANUFACTURER'S REQUIREMENTS.
- FURNITURE IS SHOWN FOR REFERENCE ONLY.
- INSTALL NEW BASE AT NEW AND EXISTING WALL CONSTRUCTION WITHIN SCOPE OF WORK. PROVIDE SMOOTH TRANSITION BY RETURNING BASE TO CORNER.

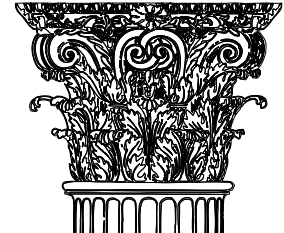
KEYED NOTES

- DESIGNATED BY:
- NO WORK IN THIS AREA.
 - REFRIGERATOR. OWNER FURNISHED, CONTRACTOR INSTALLED.
 - ICE MAKER. OWNER FURNISHED, CONTRACTOR INSTALLED.
 - COFFEE MAKER. OWNER FURNISHED, CONTRACTOR INSTALLED.
 - NEW OR RELOCATED WALL MOUNTED FLAT SCREEN T.V. OWNER FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR TO PROVIDE BLOCKING. COORDINATE EXACT LOCATION WITH OWNER.
 - ALIGN FINISHES.
 - NEW WALL SCONCE. REFER TO ELECTRICAL FOR MORE INFORMATION.
 - EXISTING SHELVING TO REMAIN.
 - ABOVE COUNTER MICROWAVE. OWNER FURNISHED, CONTRACTOR INSTALLED.

FLOOR PLAN LEGEND

- EXISTING WALL TO REMAIN
- NEW STUD WALL
- EXISTING DOOR TO REMAIN
- NEW DOOR
- DOOR DESIGNATION
- EXISTING EXTINGUISHER TO REMAIN

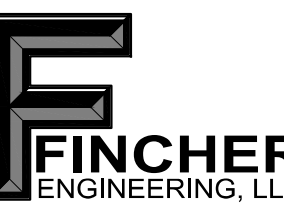
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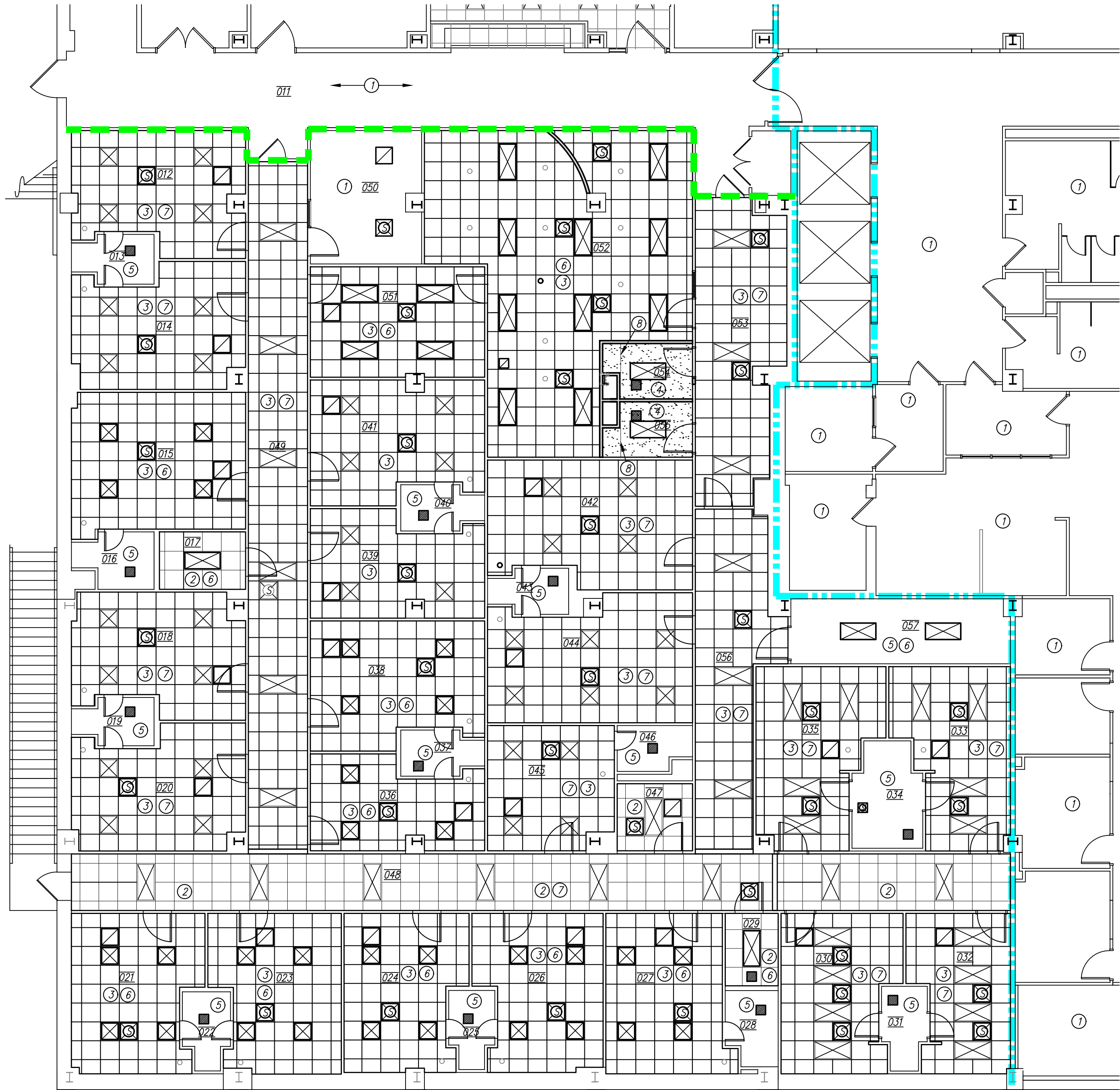
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DATE: 04/02/2025

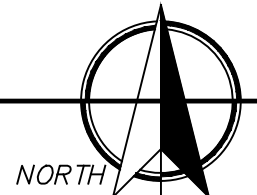
SHEET NO.

A2

2 OF 5



24/A3 BASEMENT FLOOR-REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



GENERAL NOTES

- 1). REPAIR GRID AND REPLACE CEILING TILES WHERE WALLS, FIXTURES, OR DEVICES ARE REMOVED. REPLACE ALL DAMAGED CEILING TILES IN THE AREA OF WORK. GRID SECTIONS ARE TO BE REPLACED BACK TO NEAREST 4' SECTION AT A MINIMUM. NO SPLICES.
- 2). WHERE APPLICABLE, REWORK FIRE SPRINKLERS IN ACCORDANCE WITH NFPA 13 AS REQUIRED TO ACCOMMODATE NEW WORK.
- 3). COORDINATE LOCATION OF LIGHT FIXTURES AND HVAC GRILLES WITH CEILING GRID. NOTIFY ARCHITECT OF ANY DISCREPANCIES. IF LAYOUT OR QUANTITIES DIFFER FROM MPE SHEETS AND DISCREPANCIES ARE NOT ADDRESSED PRIOR TO BID, CONTRACTOR SHALL PROVIDE FIXTURES TO COVER THE LARGER QUANTITIES INDICATED.
- 4). EXCEPT FOR CEILING TILES HOUSING DEVICES, DO NOT INSTALL ANY CEILING TILES IN GRID UNTIL AFTER PRE-FINAL INSPECTION HAS BEEN PERFORMED AND DEFICIENCIES CERTIFIED AS CORRECTED.
- 5). INSTALL 3 1/2" SOUND BATT INSULATION CONTINUOUSLY ABOVE ALL CEILINGS IN AREA OF WORK, INCLUDING EXISTING CEILINGS WHERE SIMILAR SOUND BATTS DO NOT EXIST.
- 6). REMOVE AND REPLACE ANY EXISTING CEILING TILE AND GRID IN AREAS TO REMAIN AS EXISTING WHERE NECESSARY TO ACCOMMODATE ABOVE CEILING WORK.
- 7). CLEAN ALL HVAC GRILLS AND LIGHT FIXTURE LENSES IN AREA OF WORK, NEW AND EXISTING.
- 8). ALL CEILINGS TO BE INSTALLED AT 9'-0" A.F.F. UNLESS NOTED OTHERWISE.
- 9). ALL CEILING MOUNTED DEVICES AND FIXTURE INDICATED ON THIS PLAN ARE SHOWN FOR LOCATION AND COORDINATION ONLY. REFER TO MECHANICAL AND ELECTRICAL SHEETS FOR MORE INFORMATION IF QUANTITIES ARE INCONSISTENT THE GREATER QUANTITIES SHALL CONTROL. CONTACT ARCHITECT FOR CLARIFICATION ON LOCATIONS.

KEYED NOTES

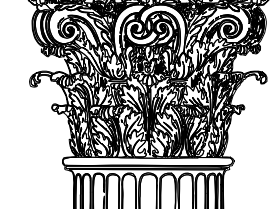
DESIGNATED BY: ——— ②

- ① NO WORK IN THIS AREA.
- ② NEW LAY-IN CEILING TILES TO REPLACE EXISTING TILES AS SCHEDULED. EXISTING CEILING GRID TO REMAIN. COORDINATE REINSTALLATION OF CEILING EQUIPMENT WITH HOSPITAL PRIOR TO REMOVAL.
- ③ NEW LAY-IN CEILING TILES AND GRID AS SCHEDULED WHERE HVAC WORK IS REQUIRED. REFER TO MECHANICAL DRAWINGS.
- ④ NEW PAINTED GYPSUM BOARD CEILING AT 8'-6" A.F.F.
- ⑤ REPAIR AND TOUCH UP CEILING PAINT AS NEEDED.
- ⑥ NEW LIGHT FIXTURES IN THIS AREA AS SCHEDULED. REFER TO ELECTRICAL DRAWINGS.
- ⑦ NEWLY INSTALLED FLAT PANEL LED LIGHTING TO REMAIN. RELOCATE EXISTING FIXTURE ACCORDING TO RCP LAYOUT AS NEEDED.
- ⑧ GYPSUM BOARD CONTROL JOINT.

CEILING PLAN LEGEND

- 2x4 LIGHT FIXTURE — REFER TO ELECTRICAL SHEETS
- 2x2 LIGHT FIXTURE — REFER TO ELECTRICAL SHEETS
- SUPPLY GRILLE — REFER TO MECHANICAL SHEETS
- RETURN AIR GRILLE — REFER TO MECHANICAL SHEETS
- EXHAUST FAN/AIR RETURN — REFER TO MECHANICAL SHEETS
- 2 HOUR RATED FIREWALL ASSEMBLY FRAMED TO THE STRUCTURE ABOVE. SEAL ALL PENETRATIONS AND JOINTS WITH A UL LISTED SYSTEM.
- 1 HOUR RATED FIREWALL ASSEMBLY FRAMED TO THE STRUCTURE ABOVE. SEAL ALL PENETRATIONS AND JOINTS WITH A UL LISTED SYSTEM.

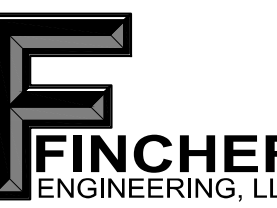
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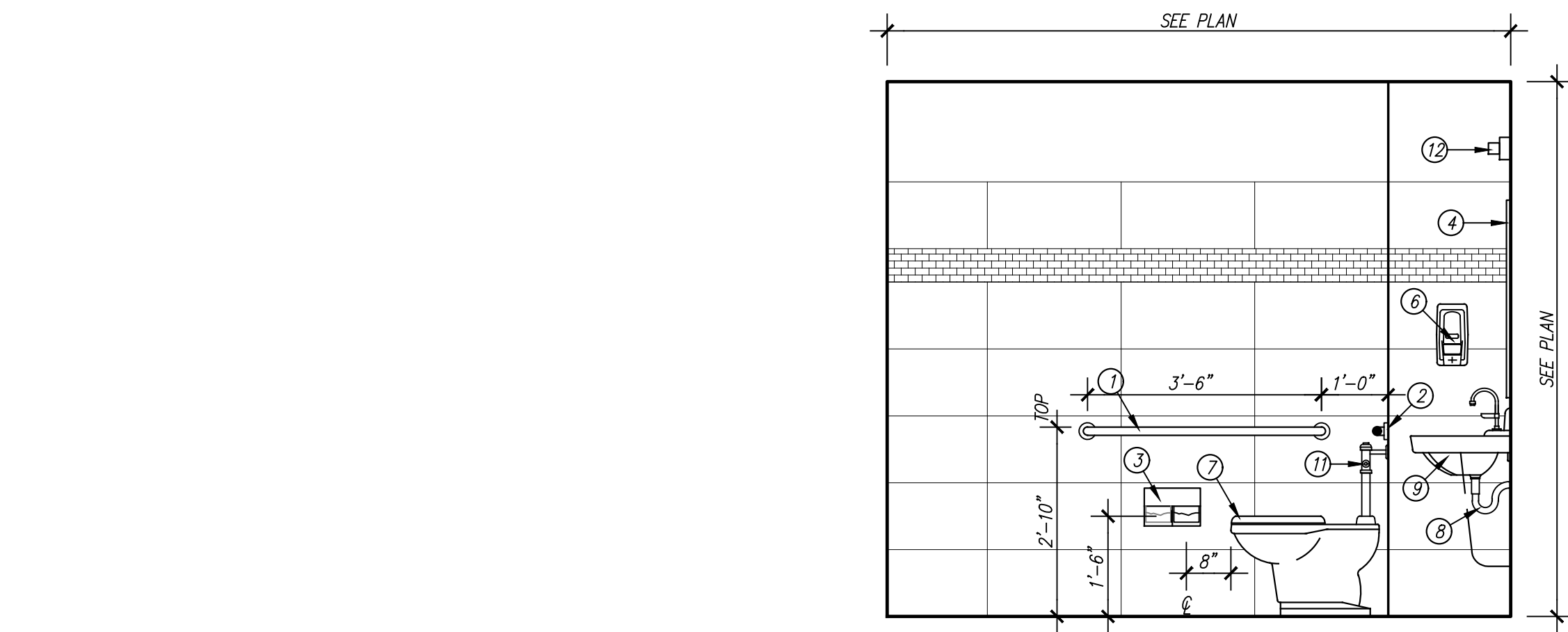
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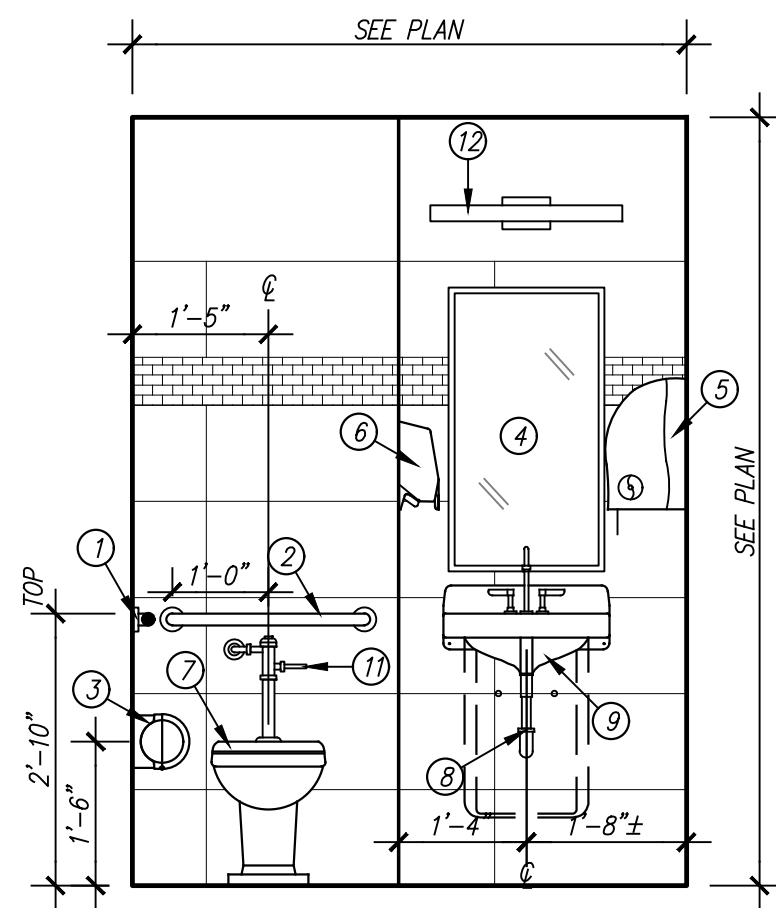
A3

3 OF 5



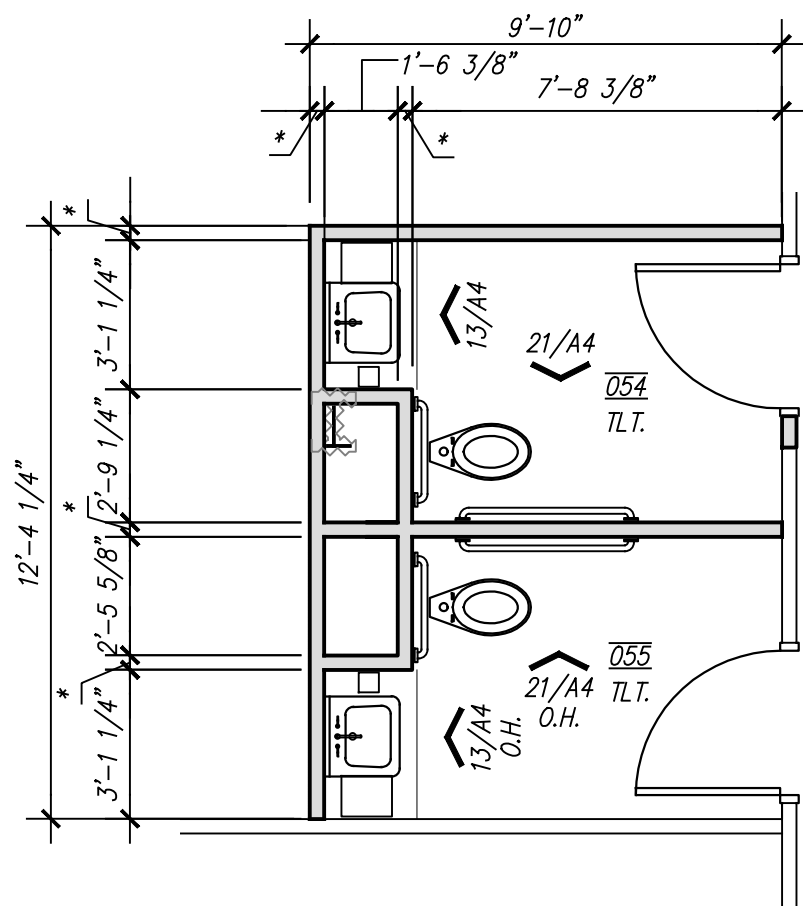
21/A4 INTERIOR ELEVATION

SCALE: 1/2" = 1'-0"



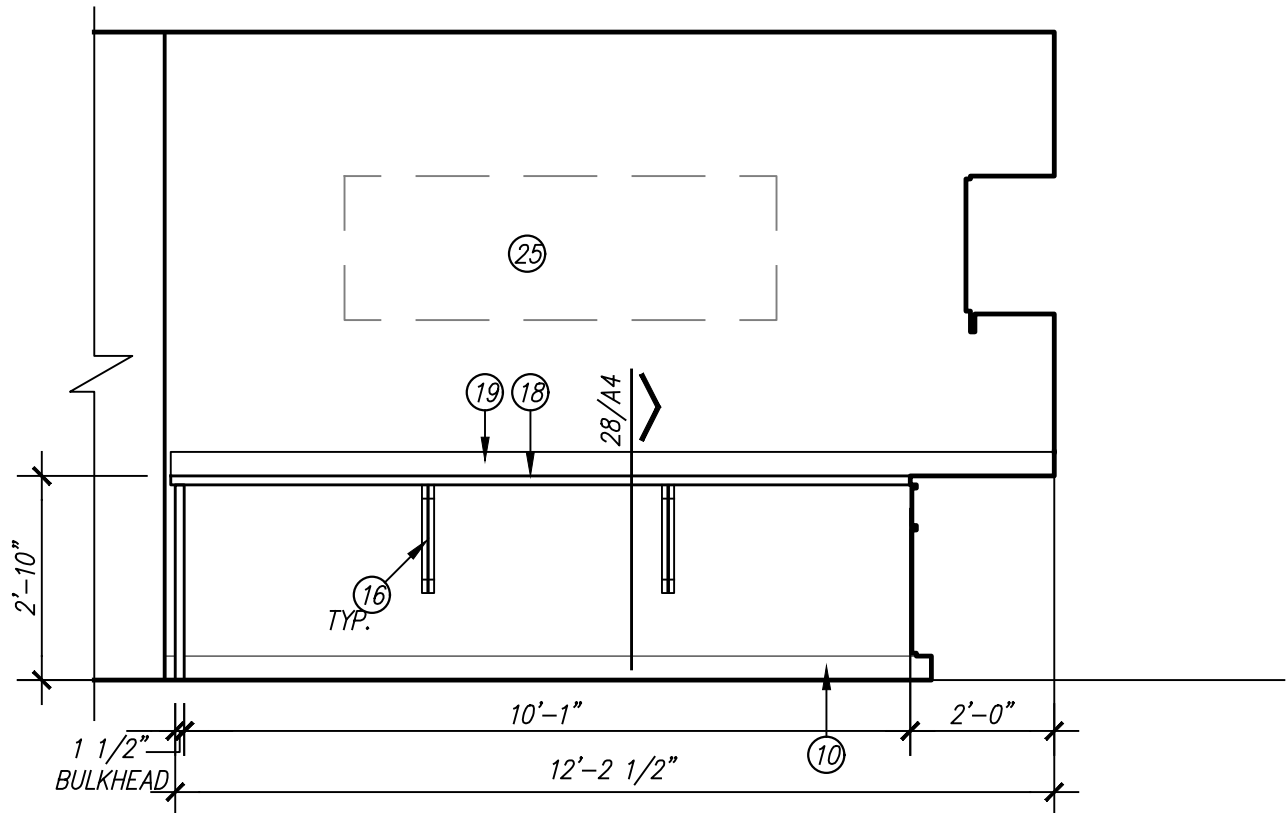
13/A4 INTERIOR ELEVATION

SCALE: 1/2" = 1'-0"



09/A4 ENLARGED PLAN

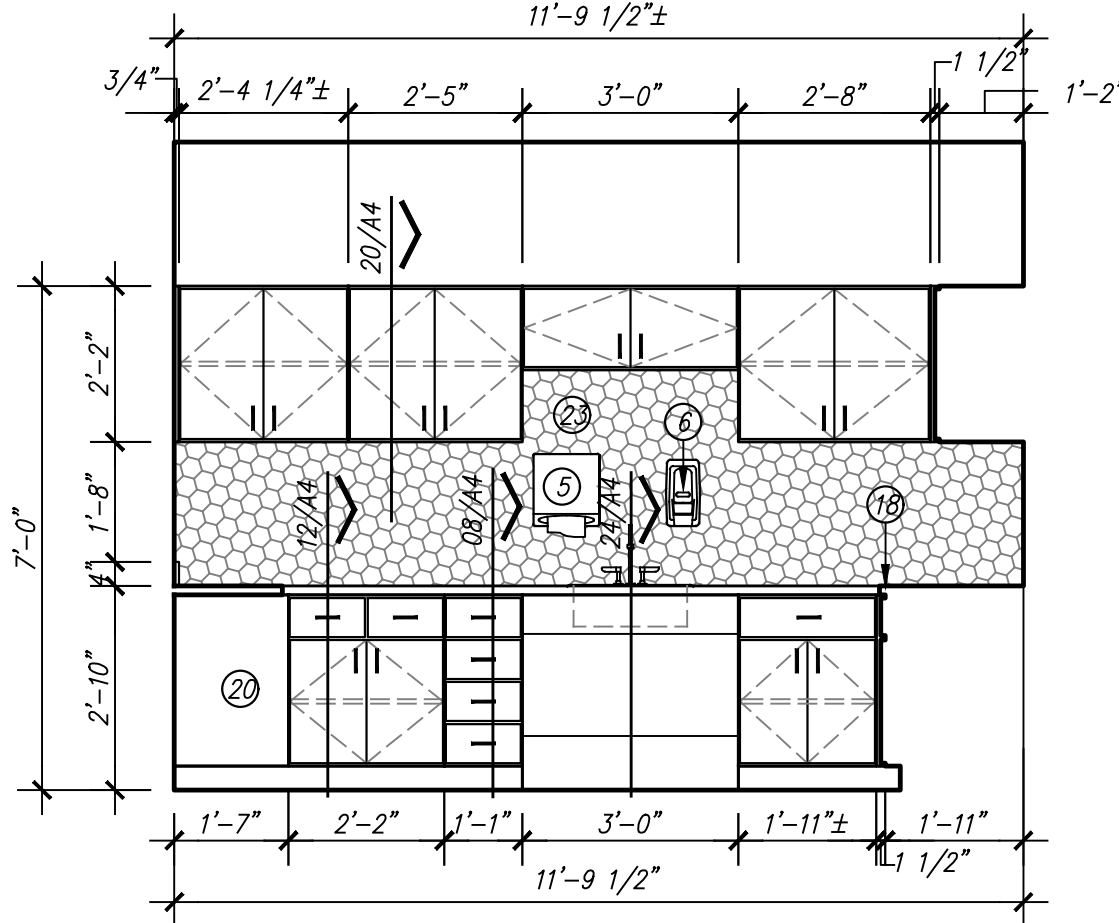
SCALE: 1/4" = 1'-0"



26/A4 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0"

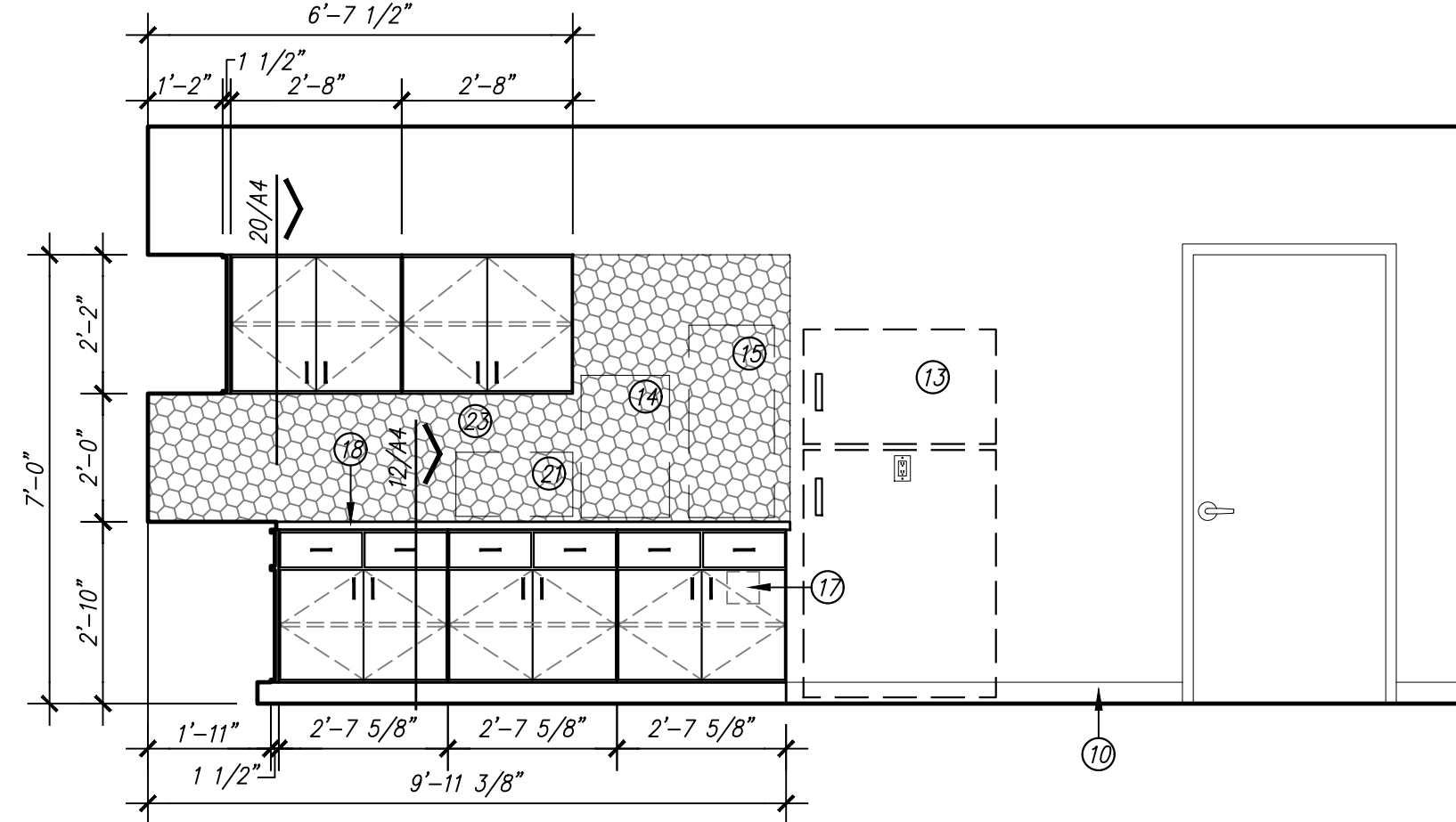
COMMUNITY ROOM 052



18/A4 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0"

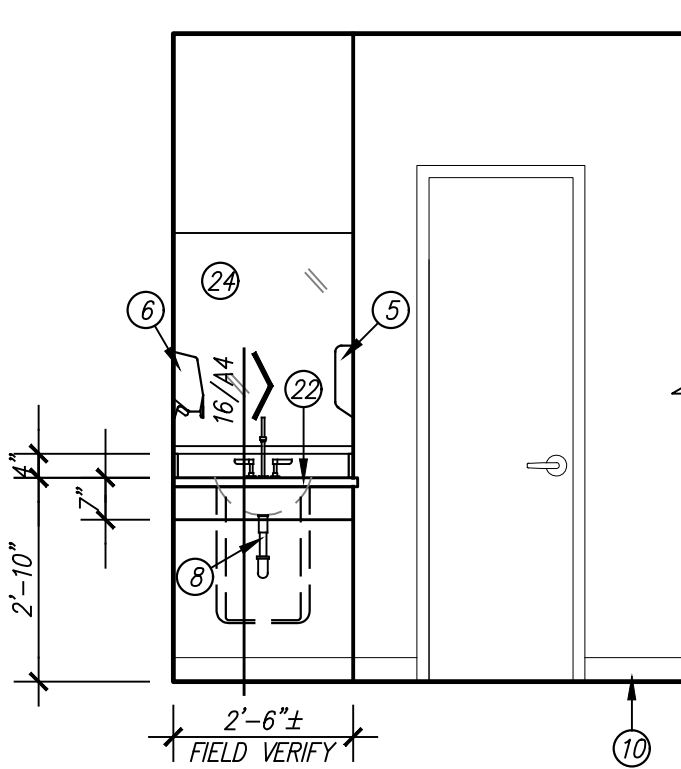
COMMUNITY ROOM 052



10/A4 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0"

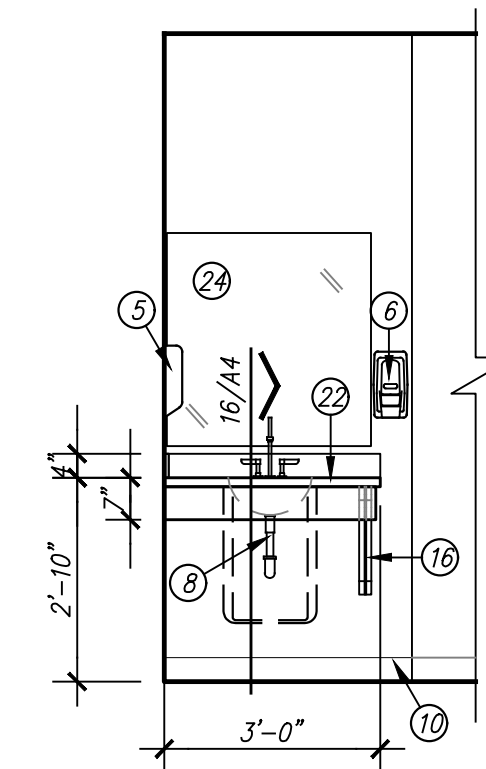
COMMUNITY ROOM 052



23/A4 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0"

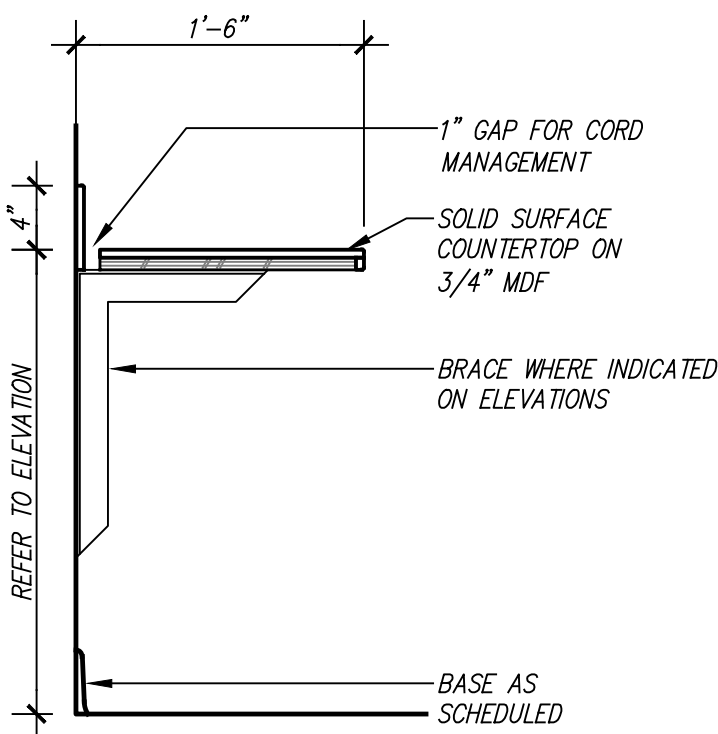
TYP. AT ON-CALL ROOMS



19/A4 MILLWORK ELEVATION

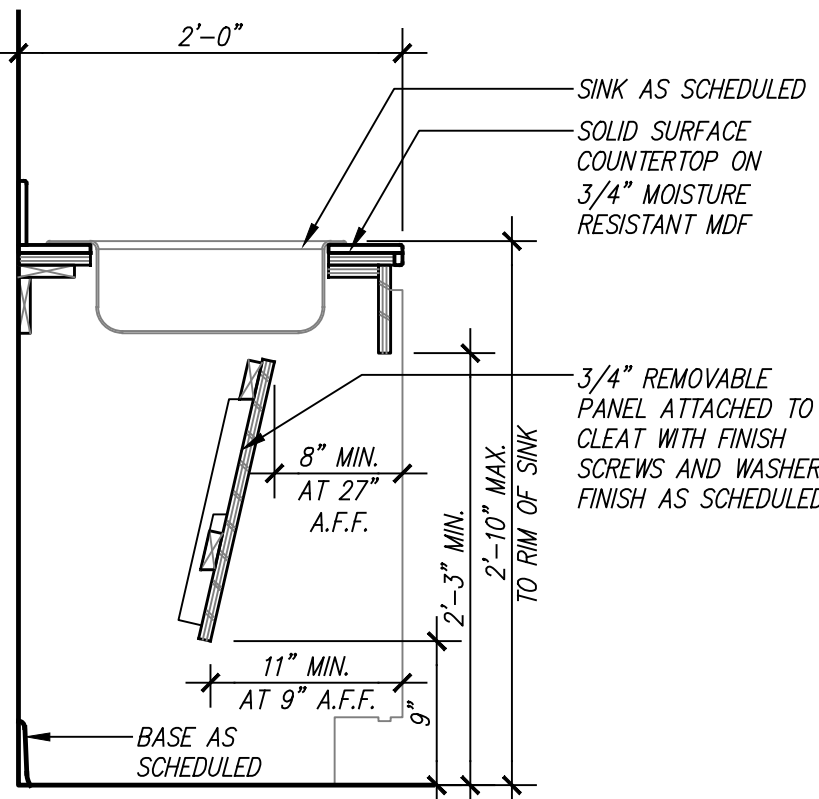
SCALE: 3/8" = 1'-0"

ON-CALL ROOMS 033 & 035



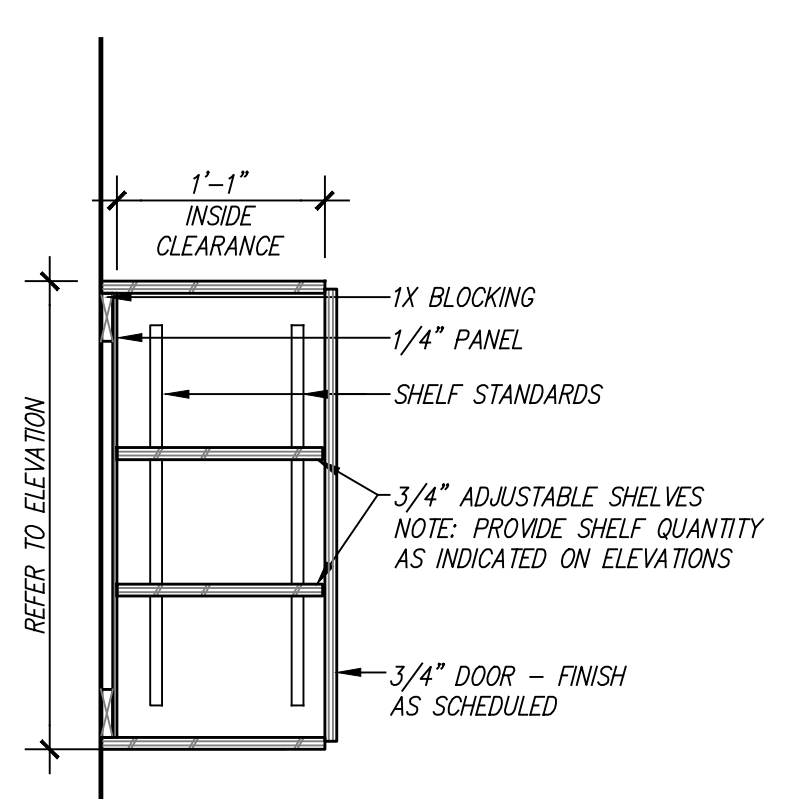
28/A4 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0"



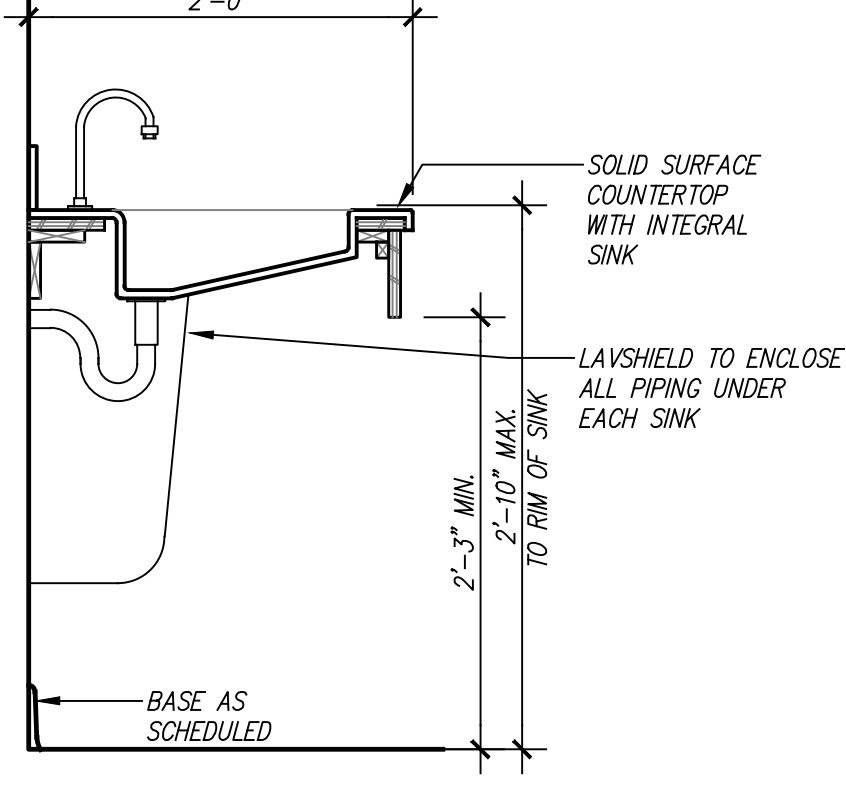
24/A4 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0"



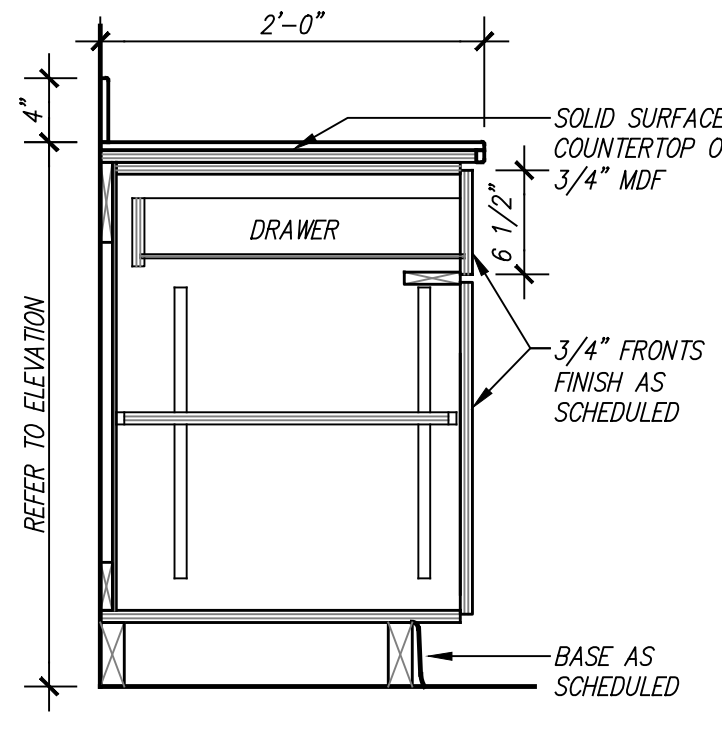
20/A4 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0"



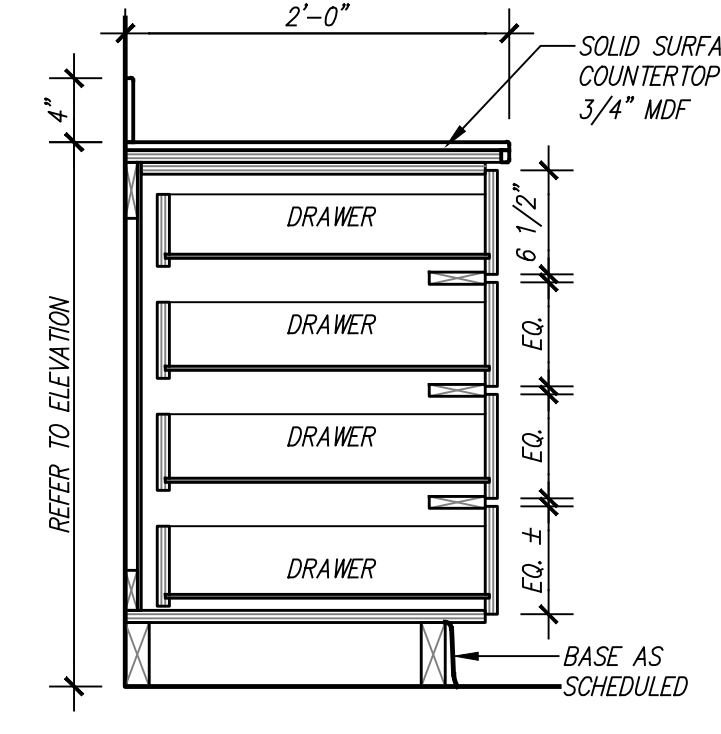
16/A4 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0"



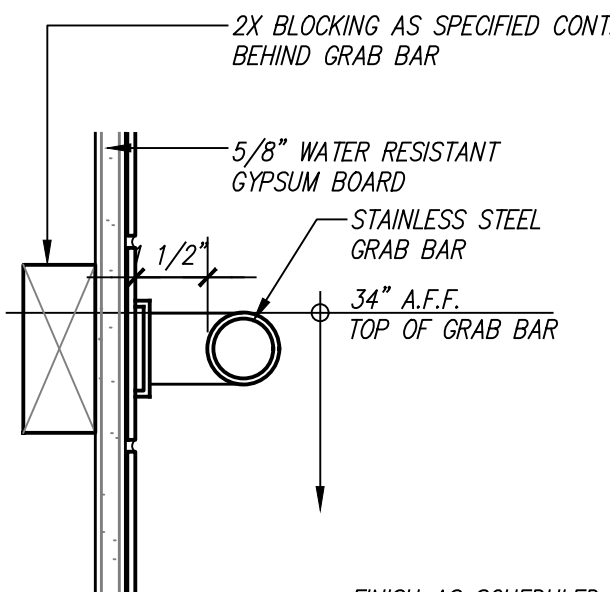
12/A4 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0"



08/A4 MILLWORK ELEVATION

SCALE: 3/8" = 1'-0"



04/A4 GRAB BAR DETAIL

SCALE: 3" = 1'-0"

GENERAL NOTES

- ALL PLAN DIMENSIONS ARE ACTUAL DIMENSIONS TO FACE OF METAL STUDS UNLESS NOTED OTHERWISE. ALL ELEVATION DIMENSIONS ARE DIMENSIONS FROM FINISH, NOT FROM STUDS.
- UPPER CABINETS ARE TO BE 13" DEEP INSIDE UNLESS OTHERWISE NOTED. REFER TO MILLWORK SECTIONS.
- GENERAL CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND CLEARANCES PRIOR TO FABRICATION OF MILLWORK. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO INSTALLATION.
- FINISH ALL EXPOSED BULKHEADS AND/OR CABINET RETURNS.
- ALL SOLID SURFACE EDGES TO BE EASED.
- * = 3 5/8" MTL. STUDS @ 16" O.C.

KEYED NOTES

DESIGNATED BY:

- 1 1/2" Ø - 42" GRAB BAR, REFER TO 04/A4.
- 1 1/2" Ø - REAR GRAB BAR, 24"/30"/36" AS SCHEDULED. REFER TO 04/A4.
- TOILET PAPER DISPENSER MOUNTED ABOVE OR BELOW GRAB BAR DEPENDING ON STYLE. COORDINATE EXACT MOUNTING LOCATION W/ ARCHITECT.
- MIRROR: BOTTOM EDGE OF REFLECTIVE SURFACE MOUNTED 40" A.F.F. MAXIMUM, TOP MOUNTED 74" A.F.F. MINIMUM.
- PAPER TOWEL DISPENSER WITH CONTROLS MOUNTED @ 47" A.F.F.
- SOAP DISPENSER WITH CONTROLS MOUNTED @ 47" A.F.F.
- ACCESSIBLE WATER CLOSET: TOP OF SEAT 18" A.F.F.
- INSULATE ALL EXPOSED PIPES AND VALVES. USE LAV-SHIELD WHERE SCHEDULED. REFER TO PLUMBING.
- ACCESSIBLE LAVATORY - MOUNT RIM @ 2'-10" A.F.F.
- BASE AS SCHEDULED.
- LOCATE FLUSH CONTROL ON WIDE SIDE OF TOILET.
- VANITY LIGHT FIXTURE CENTERED ON SINK @ 7'-0" A.F.F. REFER TO ELECTRICAL FOR MORE INFORMATION.
- REFRIGERATOR: OWNER FURNISHED, CONTRACTOR INSTALLED.
- COFFEE MACHINE: OWNER FURNISHED, CONTRACTOR INSTALLED.
- ICE MACHINE: OWNER FURNISHED, CONTRACTOR INSTALLED.
- UNDERCOUNTER RAKKS SUPPORT BRACKET AS SPECIFIED.
- ICE MACHINE OUTLET BOX. REFER TO PLUMBING FOR MORE INFORMATION.
- SOLID SURFACE MATERIAL AS SCHEDULED.
- 4" BACKSPLASH AS SCHEDULED.
- FILLER PANEL.
- MICROWAVE: OWNER FURNISHED, CONTRACTOR INSTALLED.
- SOLID SURFACE COUNTERTOP WITH INTEGRAL SINK.
- WALL TILE BACKSPLASH AS SCHEDULED.
- EXISTING MIRROR TO REMAIN.
- CONTRACTOR TO PROVIDE PLYWOOD BLOCKING IN WALL.

PULL SIDE

PUSH SIDE

NOTE: X = 12 IN. IF DOOR HAS BOTH
A CLOSER AND A LATCH

FRONT APPROACHES - SWINGING DOORS

PULL SIDE

PUSH SIDE

NOTE: X = 36 IN. MINIMUM IF Y = 60"
X = 42 IN. MINIMUM IF Y = 54"

NOTE: Y = 48 IN. MINIMUM IF DOOR HAS
BOTH A LATCH AND CLOSER

HINGE SIDE APPROACHES - SWINGING DOORS

PULL SIDE

PUSH SIDE

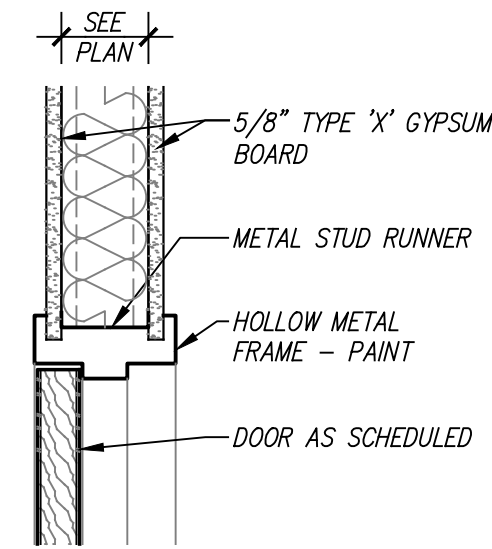
NOTE: Y = 54 IN. MINIMUM IF
DOOR HAS CLOSER

NOTE: Y = 48 IN. MINIMUM IF
DOOR HAS CLOSER

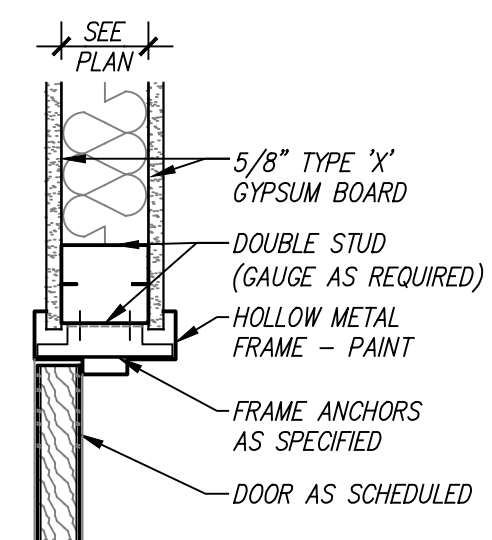
LATCH SIDE APPROACHES - SWINGING DOORS

NOTES:

- 1). ALL DOORS IN ALCOVES SHALL COMPLY WITH THE CLEARANCES FOR FRONT APPROACHES
- 2). DIMENSIONS ARE FROM EDGE OF DOOR LEAF



SCALE: $1\ 1/2'' = 1'-0''$





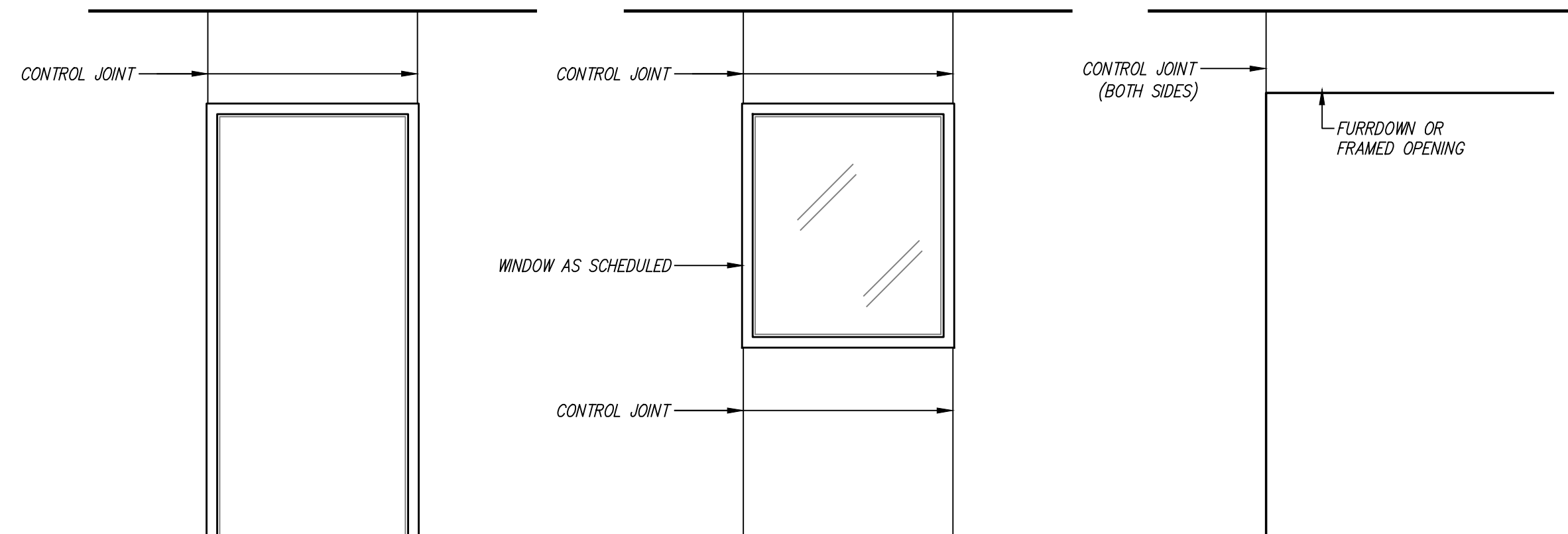
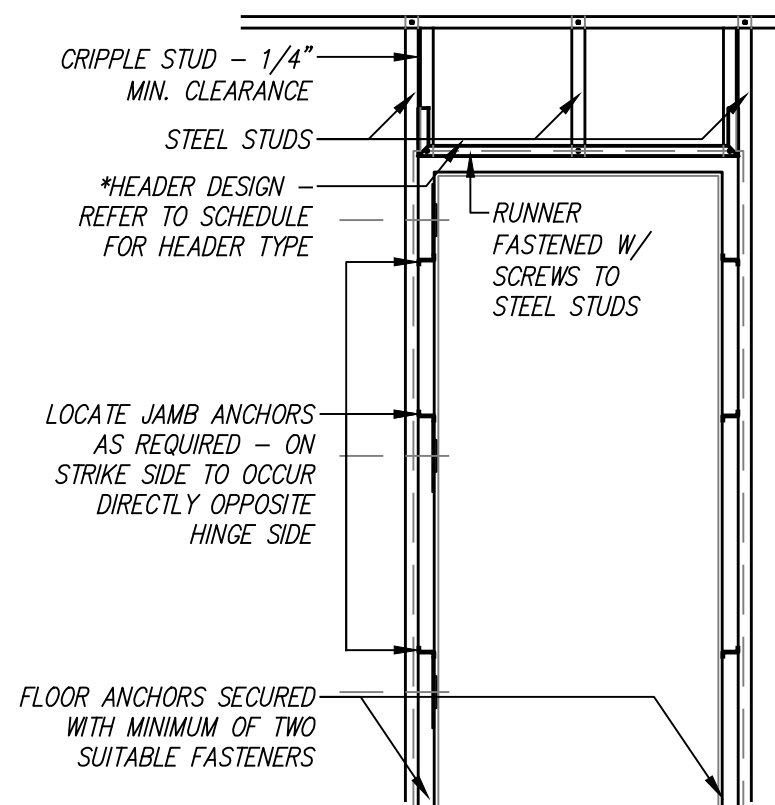
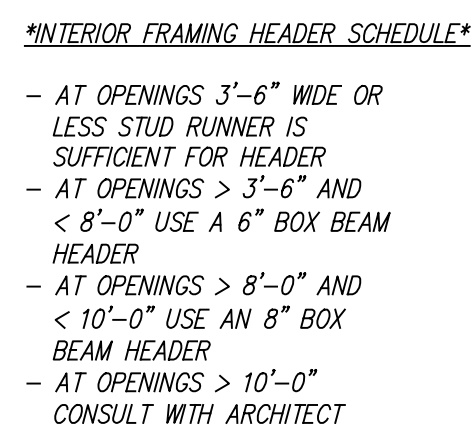
SCALE: $1\ 1/2" = 1'-0"$

DOOR SCHEDULE										
DOOR MARK	OPENING	DOOR TYPE	PAIR	DOOR MATERIAL	FIRE RATING	FRAME TYPE	DETAILS			REMARKS
							HEAD	JAMB	SILL	
012A	3'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
013A	2'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
013B	2'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
014A	3'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
015A	3'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
016A	2'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
017A	3'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
018A	3'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
019A	2'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
019B	2'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
020A	3'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
021A	3'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
022A	2'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
022B	2'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
023A	3'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
024A	3'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
025A	2'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
025B	2'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
026A	3'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
027A	3'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
028A	2'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
029A	3'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
030A	3'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
031A	2'-6" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
031B	2'-6" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
032A	3'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
033A	3'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
034A	3'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
034B	3'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
035A	3'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
036A	3'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
037A	2'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
037B	2'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
038A	3'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
039A	3'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
040A	2'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
040B	2'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
041A	3'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
042A	3'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
043A	2'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
043B	2'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
044A	3'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
045A	3'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
046A	2'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
047A	3'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
050A	3'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
051A	3'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
051B	3'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
052A	3'-0" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-
053A	3'-0" x 7'-0" **	B	-	SCPL	-	EX	-	-	-	-
054A	3'-0" x 7'-0"	A	-	SCPL	-	HM1	09/A5	10/A5	-	-
055A	3'-0" x 7'-0"	A	-	SCPL	-	HM1	09/A5	10/A5	-	-
057A	3'-6" x 7'-0" **	A	-	SCPL	-	EX	-	-	-	-

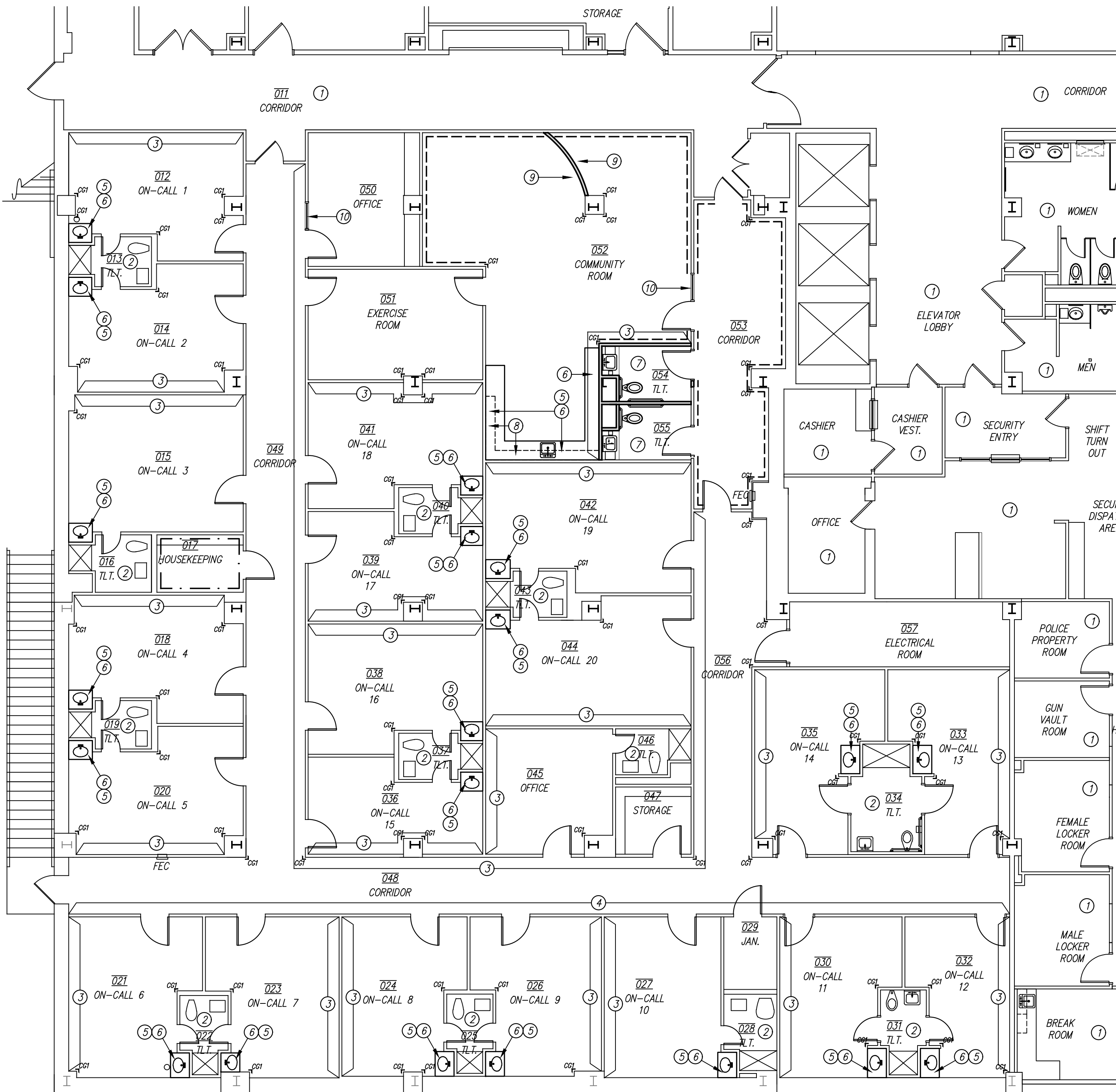
HM = HOLLOW METAL
EX = EXISTING

SCPL = SOLID CORE PLASTIC LAMINATE
** = CONTRACTOR TO VERIFY EXACT DOOR SIZES FOR ALL NEW DOORS

FRAME TYPES	DOOR TYPES
<p>HM = HOLLOW METAL</p>  <p>HM1</p>	 <p>A SOLID CORE WOOD DOOR P. LAM FINISH</p> <p>B DOOR MATERIAL w/METAL FRAME VISION PANEL FINISH</p>



1	OE	2
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24/ID2 BASEMENT FLOOR-WALL FINISH PLAN
SCALE: 1/8" = 1'-0"



GENERAL NOTES

- REFER TO THE PROJECT MANUAL AND FINISH SCHEDULE FOR ADDITIONAL INFORMATION. SHOULD THERE BE A DISCREPANCY BETWEEN THE DOCUMENTS, SUCH DISCREPANCY IS TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND THE CONTRACTOR SHALL RECEIVE INSTRUCTION PRIOR TO INSTALLATION OR PERFORMANCE OF SAID WORK. WORK PERFORMED IN CONFLICT WITH THE DRAWINGS OR SCHEDULE SHALL BE CORRECTED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
- ALL WORK IS TO BE PERFORMED ACCORDING TO MANUFACTURER'S RECOMMENDED METHODS.
- FIELD VERIFY ALL DIMENSIONS, NEW OR EXISTING, PRIOR TO CONSTRUCTION AND ADJUST WHERE REQUIRED TO PROVIDE A PROPER AND COMPLETE INSTALLATION. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES WITH EXISTING OR NEW CONDITIONS.
- PROVIDE SMOOTH TRANSITION WHERE NEW CONSTRUCTION INTERSECTS WITH EXISTING CONDITIONS. REPAIR, REFINISH, OR INSTALL NEW WALL BASE, PAINT, ETC. WHERE NECESSARY TO AVOID PATCHES OR INCONSISTENT FINISHES.
- A PRE-INSTALLATION MEETING WITH THE ARCHITECT IS REQUIRED PRIOR TO THE INSTALLATION OF VINYL FLOORING AND WALL PROTECTIVE PRODUCTS.
- INSTALL CORNER GUARDS ON OUTSIDE CORNERS OF ALL INTERIOR WALLS, FROM TOP OF BASE, IN FULL LENGTHS OR TO UNDERSIDE OF TRIM CAP WHERE PRESENT, UNLESS NOTED OTHERWISE.
- WALL TILE TO BE INSTALLED ON TOP OF FLOOR TILE.
- ALL TILED SURFACES TO BE CENTERED IN SPACE OR ADJUSTED TO AVOID SMALL CUT TILES.
- INCLUDE ALL TRIM, INSIDE/OUTSIDE CORNER, CONNECTOR, AND END CAP PIECES FOR COMPLETE INSTALLATION OF FINISHES.
- SEAL ALL SEAMS AND TRIMS ON FRP PANELS WITH CLEAR SEALANT FOR A SANITARY INSTALLATION.
- WALL PROTECTION (WP1) TO BE INSTALLED AT 42" ABOVE FINISHED FLOOR IN CORRIDORS AND 34" ABOVE FINISHED FLOOR IN ALL OTHER SPACES, UNLESS NOTED OTHERWISE. REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
- ALL DOOR AND WINDOW TRIM TO BE PAINTED P2 THROUGHOUT.
- PROTECT EXISTING-TILE-TO-REMAIN IN ON-SUITE TOILET ROOMS.
- FIELD PAINT P2 TO GO ON ALL WALLS, NEW AND EXISTING, WITHIN PROJECT SCOPE, WHERE PAINT COLOR IS NOT INDICATED ON WALL FINISH PLAN.

KEYED NOTES

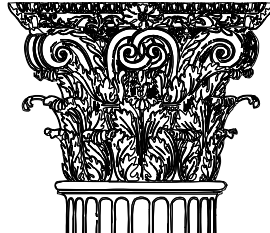
DESIGNATED BY: ← ②

- NO WORK IN THIS AREA.
- EXPOSED DRYWALL TO BE PAINTED P1 IN THIS LOCATION.
- WALL TO BE PAINTED P3 IN THIS LOCATION.
- WP1 TO BE INSTALLED AT THIS LOCATION AS SCHEDULED.
- MILLWORK TO BE PL1 IN THIS LOCATION.
- COUNTERTOP TO BE SSM1 IN THIS LOCATION.
- WT1 & DT1 TO BE INSTALLED IN THIS LOCATION AS SCHEDULED.
- WT2 TO BE INSTALLED IN THIS LOCATION AS SCHEDULED.
- WP1 TO BE INSTALLED IN THIS LOCATION AS SCHEDULED.
- INSTALL ROLLER SHADE RS1 IN THIS LOCATION AS SCHEDULED.

WALL FINISH LEGEND

- WP1 WALL PROTECTION WITH TRIM CAP TC1
- FRP1 FIBER REINFORCED PANEL
- CG1 CORNER GUARD

CONDRA Y



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ON-CALL ROOM RENOVATIONS
PROPOSAL ITEM #3

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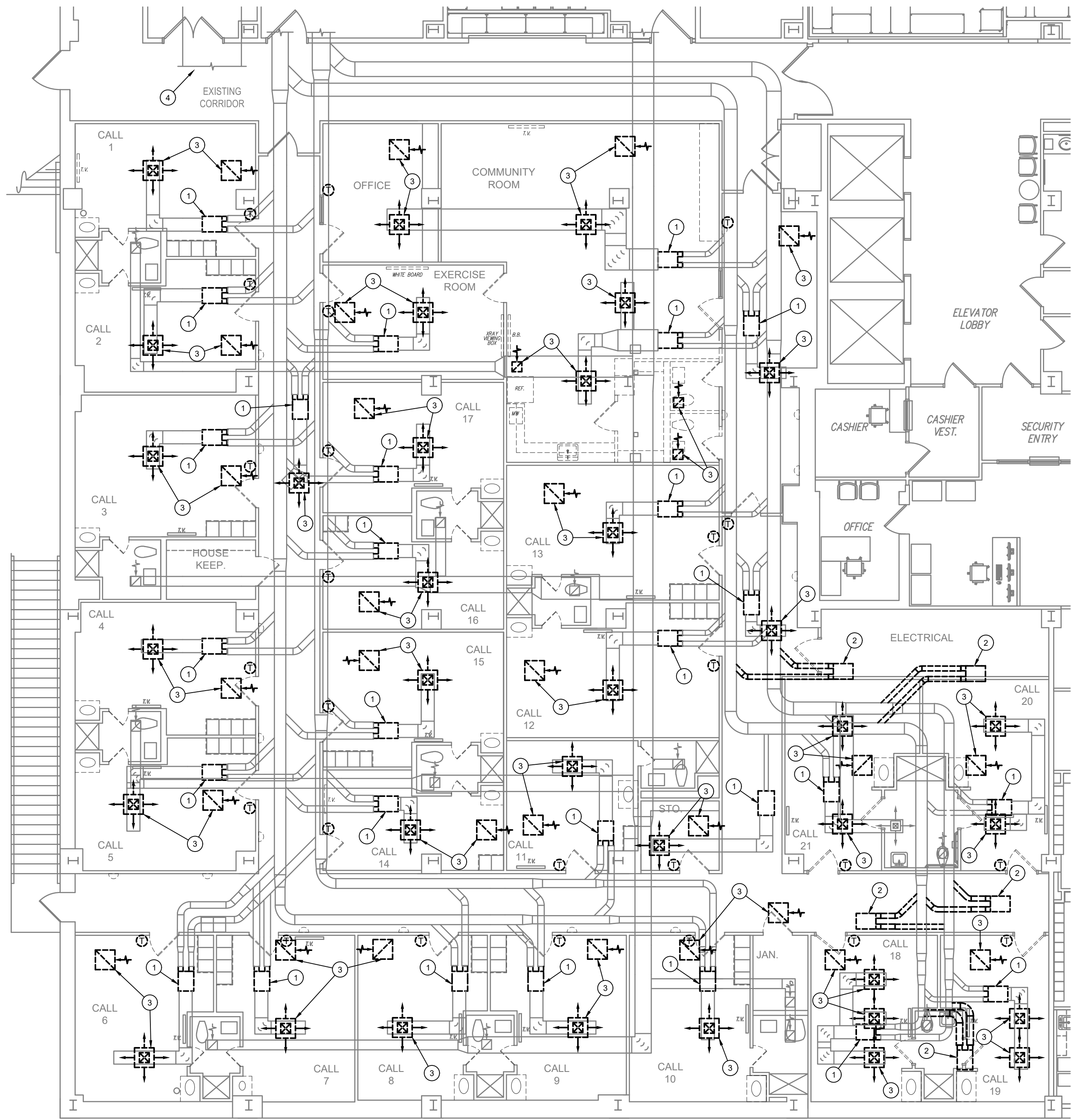
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PROJECT NO. 22509
DATE: 04/02/2025

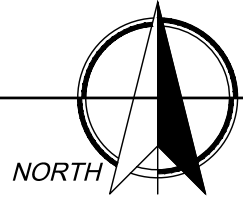
SHEET NO.

ID2

2 OF 2



1/M1 BASEMENT PLAN - MECHANICAL DEMOLITION
SCALE: 1/8" = 1'-0"



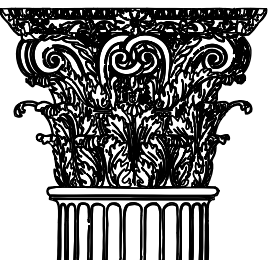
GENERAL NOTES

- VERIFY EXACT LOCATION OF ALL EXISTING EQUIPMENT, DUCTWORK, PIPING, DIFFUSERS, AND GRILLES AT JOBSITE.
- CONTRACTOR SHALL WALK THE SITE AND BECOME FAMILIAR WITH ALL EXISTING SYSTEMS AND INSTALLATIONS. CONTRACTOR SHALL TAKE CARE TO PROTECT ALL OPERATIONAL SYSTEMS. ANY EXISTING SYSTEMS THAT ARE DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR.
- FOR ALL ITEMS SHOWN TO BE REMOVED, REMOVE ALL ASSOCIATED ITEMS INCLUDING HANGERS, SUPPORTS, PIPE RUNOUTS, ELECTRICAL WIRING, ECT.
- CONTRACTOR SHALL COORDINATE ALL MECHANICAL DISCONNECTIONS AND INTERRUPTIONS WITH BUILDING OWNER. VERIFY EXACT SCHEDULE AND PHASING OF PROJECT WITH ARCHITECT.
- THE BUILDING OWNER SHALL RETAIN THE FULL RIGHTS OF SALVAGE FOR ALL MECHANICAL EQUIPMENT INDICATED TO BE REMOVED (VAV BOXES, FAN COIL UNITS, EXT). THE CONTRACTOR SHALL COORDINATE WITH OWNER ON ALL SALVAGED ITEMS. THE CONTRACTOR SHALL DELIVER THESE PIECES OF EQUIPMENT TO A LOCATION AS DIRECTED BY THE OWNER. FOR ALL ITEMS THAT THE OWNER DOES NOT SALVAGE, THE CONTRACTOR SHALL DISPOSE OF AS REQUIRED.

KEYED NOTES

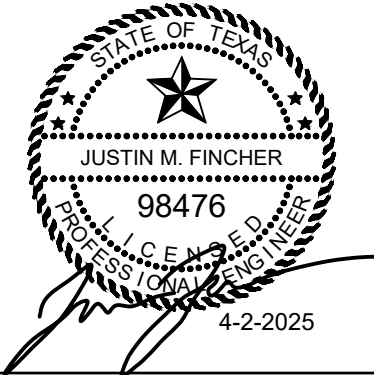
- REMOVE EXISTING VAV BOX, SHOWN DASHED, AND ASSOCIATED THERMOSTAT. MAINTAIN EXISTING INLET AND OUTLET DUCTWORK TO CONNECT TO NEW VAV BOX IN SAME LOCATION.
- REMOVE EXISTING VAV BOX, SHOWN DASHED, AND ASSOCIATED THERMOSTAT. REMOVE EXISTING INLET AND OUTLET DUCTWORK.
- REMOVE EXISTING DIFFUSER/GRILLE SHOWN DASHED.
- RETURN DUCT FOR THIS SPACE NOT SHOWN ON PLANS FOR CLARITY.

CONDRA Y



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PROJECT NO. 22509
DATE: 04/02/2025

SHEET NO.

M1

1 OF 2

AIR DISTRIBUTION SCHEDULE													
MARK	TYPE	BASIS OF DESIGN		FACE SIZE	LOCATION	FRAME (NOTE C)	FINISH	MATERIAL	MAX NC	MAX PD	DAMPER	PATTERN	DESCRIPTION
		MANUFACTURER	M ODEL										
S-1	SUPPLY	TITUS	TDC	24x24	CEILING	TB	WHITE	STEEL	20	0.08"	NONE	4-WAY	SQUARE LOUVERED DIFFUSER
R-1	RETURN	TITUS	PAR	24x24	CEILING	TB	WHITE	STEEL	25	0.09"	NONE	PERFORATED	SQUARE PERFORATED GRILLE
E-1	EXHAUST	TITUS	PAR	12x12	CEILING	PF	WHITE	STEEL	25	0.09"	NONE	PERFORATED	SQUARE PERFORATED GRILLE

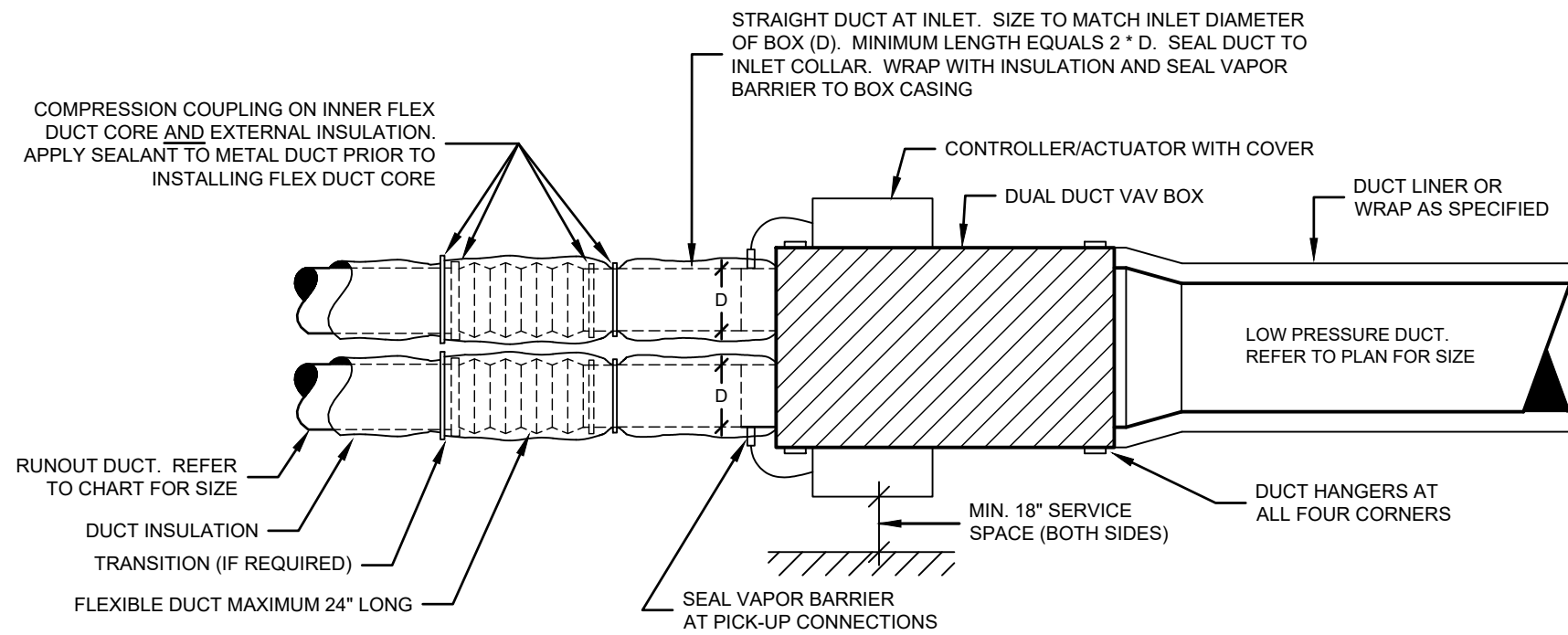
- NOTES:
- BORDER TYPES AND MOUNTING REQUIREMENTS SHALL BE COORDINATED WITH ARCHITECTURAL REFLECTED CEILING PLAN.
 - PROVIDE TRANSITIONS (INCLUDING SQUARE TO ROUND) WHERE REQUIRED TO TRANSITION FROM DUCT SIZE SHOWN TO AIR DEVICE NECK SIZE.
 - MOUNTING AND FRAMING NOTES:
 - TB = LAY-IN DEVICE FOR INSTALLATION IN LAY-IN CEILINGS.
 - PF = LAY-IN DEVICE WITH MOUNTING FRAME FOR HARD CEILINGS EQUAL TO TITUS RAPID MOUNT FRAME.
 - DM = AIR DEVICE MOUNTED DIRECTLY TO DUCT OR DUCT TAP AS SHOWN ON DRAWING.
 - SM = SURFACE MOUNT FOR MOUNTING DIRECTLY TO CEILING OR SIDEWALL.
 - SP = CURVED FACE DIFFUSER/GRILLE FOR MOUNTING DIRECTLY TO SPIRAL DUCTWORK.

VAV BOX SCHEDULE (DUAL DUCT)								
MARK	BASIS OF DESIGN		COOLING MAX CFM	HEATING MAX CFM	MINIMUM CFM	COLD INLET SIZE	HOT INLET SIZE	ESP
MANUFACTURER	MODEL							
DD-1	TITUS	DEDV	400	200	200	6"Ø	6"Ø	0.4"
DD-2	TITUS	DEDV	400	200	200	6"Ø	6"Ø	0.4"
DD-3	TITUS	DEDV	600	300	300	8"Ø	8"Ø	0.4"
DD-4	TITUS	DEDV	300	150	150	6"Ø	6"Ø	0.4"
DD-5	TITUS	DEDV	400	200	200	6"Ø	6"Ø	0.4"
DD-6	TITUS	DEDV	400	200	200	6"Ø	6"Ø	0.4"
DD-7	TITUS	DEDV	300	150	150	6"Ø	6"Ø	0.4"
DD-8	TITUS	DEDV	400	200	200	6"Ø	6"Ø	0.4"
DD-9	TITUS	DEDV	400	200	200	6"Ø	6"Ø	0.4"
DD-10	TITUS	DEDV	400	200	200	6"Ø	6"Ø	0.4"
DD-11	TITUS	DEDV	300	150	150	6"Ø	6"Ø	0.4"
DD-12	TITUS	DEDV	400	200	200	6"Ø	6"Ø	0.4"
DD-13	TITUS	DEDV	400	200	200	6"Ø	6"Ø	0.4"
DD-14	TITUS	DEDV	400	200	200	6"Ø	6"Ø	0.4"
DD-15	TITUS	DEDV	400	200	200	6"Ø	6"Ø	0.4"
DD-16	TITUS	DEDV	400	200	200	6"Ø	6"Ø	0.4"
DD-17	TITUS	DEDV	300	150	150	6"Ø	6"Ø	0.4"
DD-18	TITUS	DEDV	400	200	200	6"Ø	6"Ø	0.4"
DD-19	TITUS	DEDV	300	150	150	6"Ø	6"Ø	0.4"
DD-20	TITUS	DEDV	400	200	200	6"Ø	6"Ø	0.4"
DD-21	TITUS	DEDV	500	450	450	8"Ø	8"Ø	0.4"
DD-22	TITUS	DEDV	600	300	300	8"Ø	8"Ø	0.4"
DD-23	TITUS	DEDV	300	150	150	6"Ø	6"Ø	0.4"
DD-24	TITUS	DEDV	450	225	225	6"Ø	6"Ø	0.4"
DD-25	TITUS	DEDV	400	200	200	6"Ø	6"Ø	0.4"
DD-26	TITUS	DEDV	400	200	200	6"Ø	6"Ø	0.4"
DD-27	TITUS	DEDV	450	225	225	6"Ø	6"Ø	0.4"

- NOTES:
- IF REQUIRED, CONTRACTOR TO PROVIDE TRANSITION FROM DUCT SIZE SHOWN ON PLANS TO SCHEDULED BOX SIZE.
 - PROVIDE ALL VAV BOXES WITH TITUS "STERILOC" LINER.
 - INLET DUCT SIZE SHALL MATCH SCHEDULED VAV BOX SIZE UNLESS NOTED OTHERWISE ON PLANS WITH 6"Ø BEING MINIMUM DUCT SIZE.
 - COORDINATE ALL REQUIREMENTS WITH JOHNSON CONTROLS PRIOR TO BID.

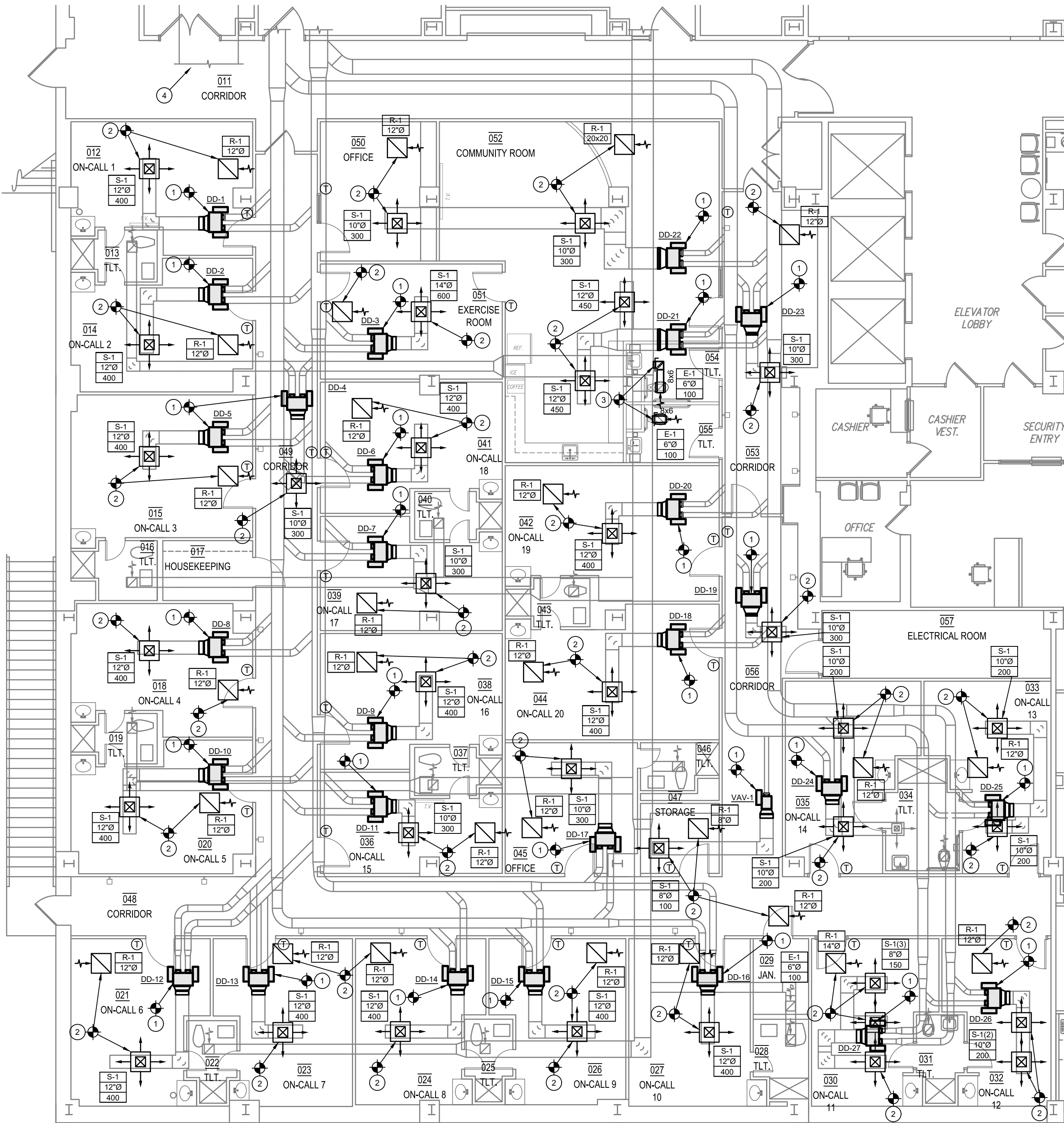
VAV BOX SCHEDULE (COOLING ONLY)						
MARK	BASIS OF DESIGN		MAX CFM	MIN. CFM	ESP	INLET SIZE
MANUFACTURER	MODEL					
VAV-1	TITUS	DESV	100	30	0.4"	6"Ø

- NOTES:
- IF REQUIRED, CONTRACTOR TO PROVIDE TRANSITION FROM DUCT SIZE SHOWN ON PLANS TO SCHEDULED BOX SIZE.
 - PROVIDE ALL VAV BOXES WITH TITUS "STERILOC" LINER.
 - INLET DUCT SIZE SHALL MATCH SCHEDULED VAV BOX SIZE UNLESS NOTED OTHERWISE ON PLANS WITH 6"Ø BEING MINIMUM DUCT SIZE. ALL CONTROLS AND CONTROLS TRANSFORMER SHALL BE FACTORY MOUNTED. VAV BOX MANUFACTURER SHALL COORDINATE ALL PRIOR TO BID.

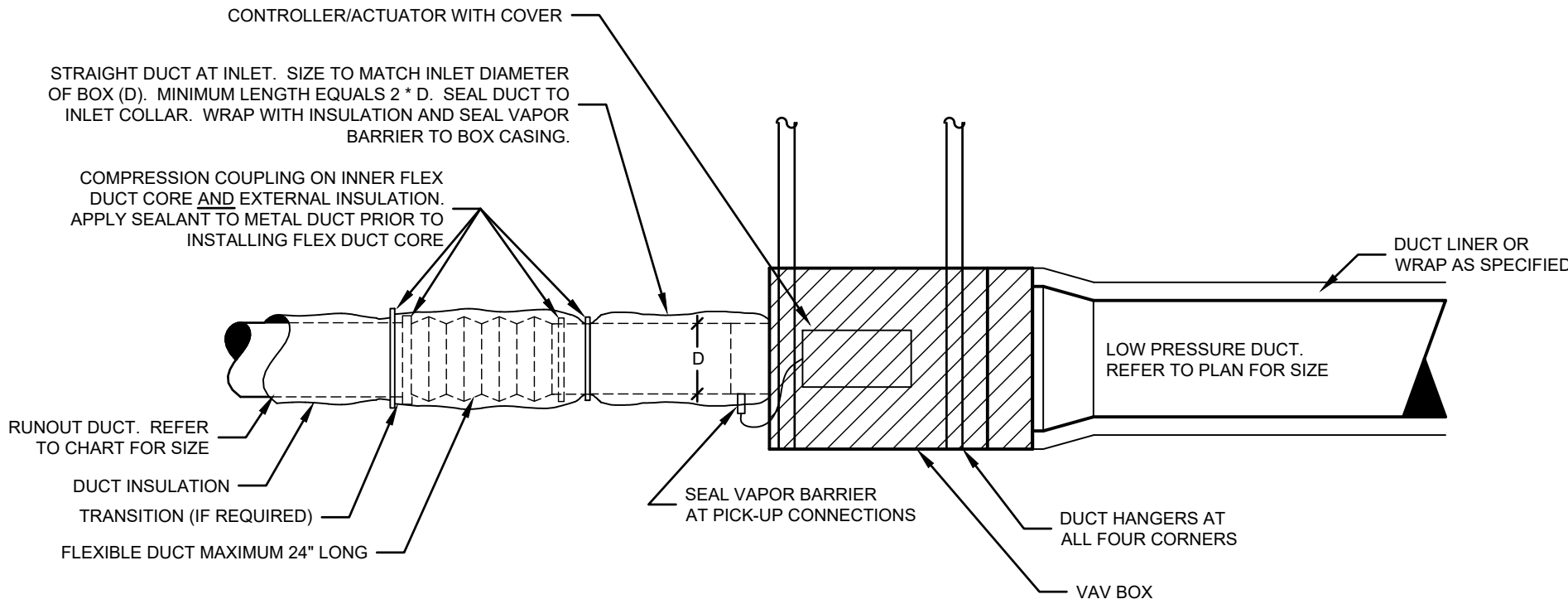


DUAL DUCT VAV BOX DUCT CONNECTION DETAIL
NO SCALE

NOTE: SERVICE SPACE AT CONTROLLER SHALL BE MINIMUM OF 24" WIDE IN DIRECTION OF AIRFLOW.



1/M2 BASEMENT PLAN - MECHANICAL
SCALE: 1/8" = 1'-0"



SINGLE DUCT VAV BOX (COOLING ONLY)
NO SCALE

NOTE: PROVIDE MINIMUM OF 18" SERVICE SPACE MEASURED FROM CONTROLLER COVER. SPACE SHALL BE MINIMUM OF 24" WIDE IN DIRECTION OF AIRFLOW.

GENERAL NOTES

- VERIFY EXACT LOCATION OF ALL EXISTING EQUIPMENT, DUCTWORK, PIPING, DIFFUSERS, AND GRILLES AT JOBSITE.
- CONTRACTOR SHALL WALK THE SITE AND BECOME FAMILIAR WITH ALL EXISTING SYSTEMS AND INSTALLATIONS. CONTRACTOR SHALL TAKE CARE TO PROTECT ALL OPERATIONAL SYSTEMS. ANY EXISTING SYSTEMS THAT ARE DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR.
- FOR ALL ITEMS SHOWN TO BE REMOVED, REMOVE ALL ASSOCIATED ITEMS INCLUDING HANGERS, SUPPORTS, PIPE RUNOUTS, ELECTRICAL WIRING, ECT.
- CONTRACTOR SHALL COORDINATE ALL MECHANICAL DISCONNECTIONS AND INTERRUPTIONS WITH BUILDING OWNER. VERIFY EXACT SCHEDULE AND PHASING OF PROJECT WITH ARCHITECT.
- THE BUILDING OWNER SHALL RETAIN THE FULL RIGHTS OF SALVAGE FOR ALL MECHANICAL EQUIPMENT INDICATED TO BE REMOVED (VAV BOXES, FAN COIL UNITS, EXT). THE CONTRACTOR SHALL COORDINATE WITH OWNER ON ALL SALVAGED ITEMS. THE CONTRACTOR SHALL DELIVER THESE PIECES OF EQUIPMENT TO LOCATION AS DIRECTED BY THE OWNER. FOR ALL ITEMS THAT THE OWNER DOES NOT SALVAGE, THE CONTRACTOR SHALL DISPOSE OF AS REQUIRED.

KEYED NOTES

- NEW VAV BOX LOCATED IN SAME LOCATION AS REMOVED VAV BOX. MODIFY INLET AND OUTLET DUCTWORK DUCTWORK AND PROVIDE TRANSITIONS AS REQUIRED TO MATCH UNIT CONNECTION SIZES. PROVIDE NEW THERMOSTAT IN PLACE OF EXISTING PNEUMATIC THERMOSTAT.
- CONNECT NEW DIFFUSER/GRILLE TO EXISTING DUCTWORK, MODIFY OR EXTEND EXISTING DUCTWORK AS REQUIRED. RE-BALANCE SUPPLY DIFFUSER TO AIRFLOW INDICATED ON PLANS.
- CONNECT NEW DUCTWORK TO EXISTING DUCTWORK AT THIS POINT. PROVIDE TRANSITION AS REQUIRED OR MODIFY/EXTEND EXISTING RUNOUT AS REQUIRED TO CONNECT TO NEW DIFFUSER/GRILLE.
- RETURN DUCT FOR THIS SPACE NOT SHOWN ON PLANS FOR CLARITY.

MECHANICAL LEGEND

SYMBOL	DESCRIPTION
VAV	VARIABLE AIR VOLUME BOX
RF	RETURN FAN
SV	SUPPLY AIR VALVE
RV	RETURN AIR VALVE
AHU	AIR HANDLING UNIT
GPM	GALLONS PER MINUTE
CFM	CUBIC FEET PER MINUTE
RPM	REVOLUTIONS PER MINUTE
BTUH	BRITISH THERMAL UNITS PER HOUR
MBH	BTUH X 1000
EWT	ENTERING WATER TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
PD	PRESSURE DROP
SP	STATIC PRESSURE
ESP	EXTERNAL STATIC PRESSURE
HP	HORSEPOWER
EAT	ENTERING AIR TEMPERATURE
LAT	LEAVING AIR TEMPERATURE
DB	DRY BULB TEMPERATURE
WB	WET BULB TEMPERATURE
OA	OUTSIDE AIR
RA	RETURN AIR
SA	SUPPLY AIR
EA	EXHAUST AIR
	MANUAL BALANCING DAMPER
	THERMOSTAT
	ROOM DIFFERENTIAL PRESSURE SENSOR
	HUMIDITY SENSOR
	SUPPLY DIFFUSER WITH PATTERN
	EXHAUST REGISTER
	RETURN GRILLE
	SUPPLY DUCT - CROSS SECTION
	EXHAUST DUCT - CROSS SECTION
	RETURN DUCT - CROSS SECTION
	1.5 HOUR FIRE DAMPER (VERTICAL)
	1.5 HOUR COMBINATION FIRE SMOKE DAMPER (VERTICAL)
	ELBOW TURNED DOWN
	ELBOW TURNED UP
	FLOW IN DIRECTION OF ARROW
	HEATING WATER SUPPLY
	HEATING WATER RETURN
	MOTORIZED DAMPER
	CONNECT TO EXISTING
DIFFUSER/GRILLE LABEL	
	AIR DISTRIBUTION TYPE
	NECK SIZE
	AIRFLOW (CFM)

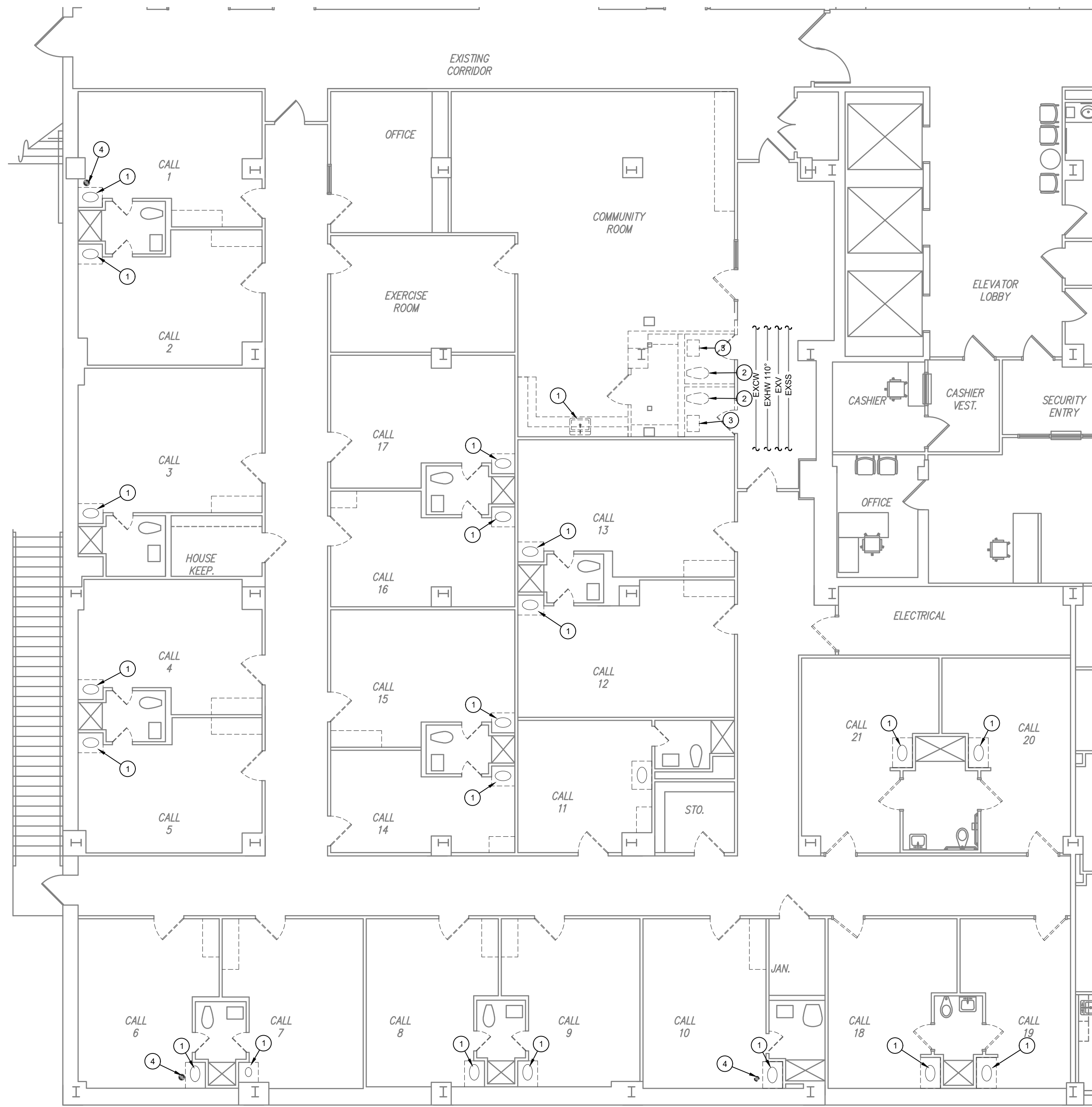
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PROJECT NO. 22509
DATE: 04/02/2025

SHEET NO.

M2



1/P1 BASEMENT PLAN - PLUMBING DEMOLITION
SCALE: 1/8" = 1'-0"



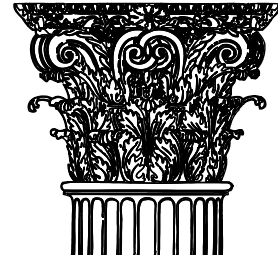
GENERAL NOTES

- A. CONTRACTOR SHALL TAKE CARE TO PROTECT ALL OPERATIONAL SYSTEMS. ANY EXISTING SYSTEMS THAT ARE DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR.
- B. FOR ALL ITEMS SHOWN OR NOTED TO BE REMOVED, REMOVE ALL ASSOCIATED ITEMS INCLUDING ALL HANGERS, INSULATION, VALVES, ETC.
- C. VERIFY EXACT LOCATION OF ALL EXISTING UTILITIES, PLUMBING FIXTURES, AND PIPING AT THE JOBSITE. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF ALL UTILITIES PRIOR TO BID.
- D. CONTRACTOR SHALL COORDINATE ALL PLUMBING DISCONNECTIONS AND INTERRUPTIONS WITH BUILDING OWNER. VERIFY EXACT SCHEDULE WITH ARCHITECT AND OWNER.

KEYED NOTES

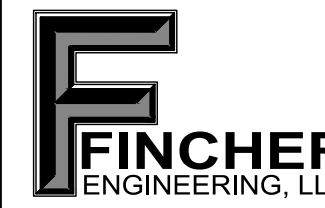
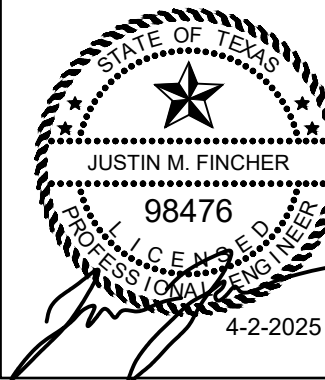
1. REMOVE EXISTING SINK, SHOWN DASHED. MODIFY EXISTING ROUGH-IN AS REQUIRED TO ACCOMMODATE NEW SINK IN SAME LOCATION.
2. REMOVE EXISTING WATER CLOSET SHOWN DASHED. REMOVE THE SEWER LINE BACK TO BELOW SLAB AND CAP. REMOVE VENT AND WATER LINES BACK TO MAINS AND CAP.
3. REMOVE EXISTING LAVATORY SHOWN DASHED. REMOVE THE SEWER LINE BACK TO BELOW SLAB AND CAP. REMOVE VENT AND WATER LINES BACK TO MAINS AND CAP.
4. REMOVE EXISTING CLEAN-OUT, SHOWN DASHED. MODIFY EXISTING SS LINE TO ACCOMDATE NEW CLEANOUT CAP IN SAME LOCATION

CONDRA Y



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UNIVERSITY MEDICAL CENTER
ON-CALL ROOM RENOVATIONS
PROPOSAL ITEM #3

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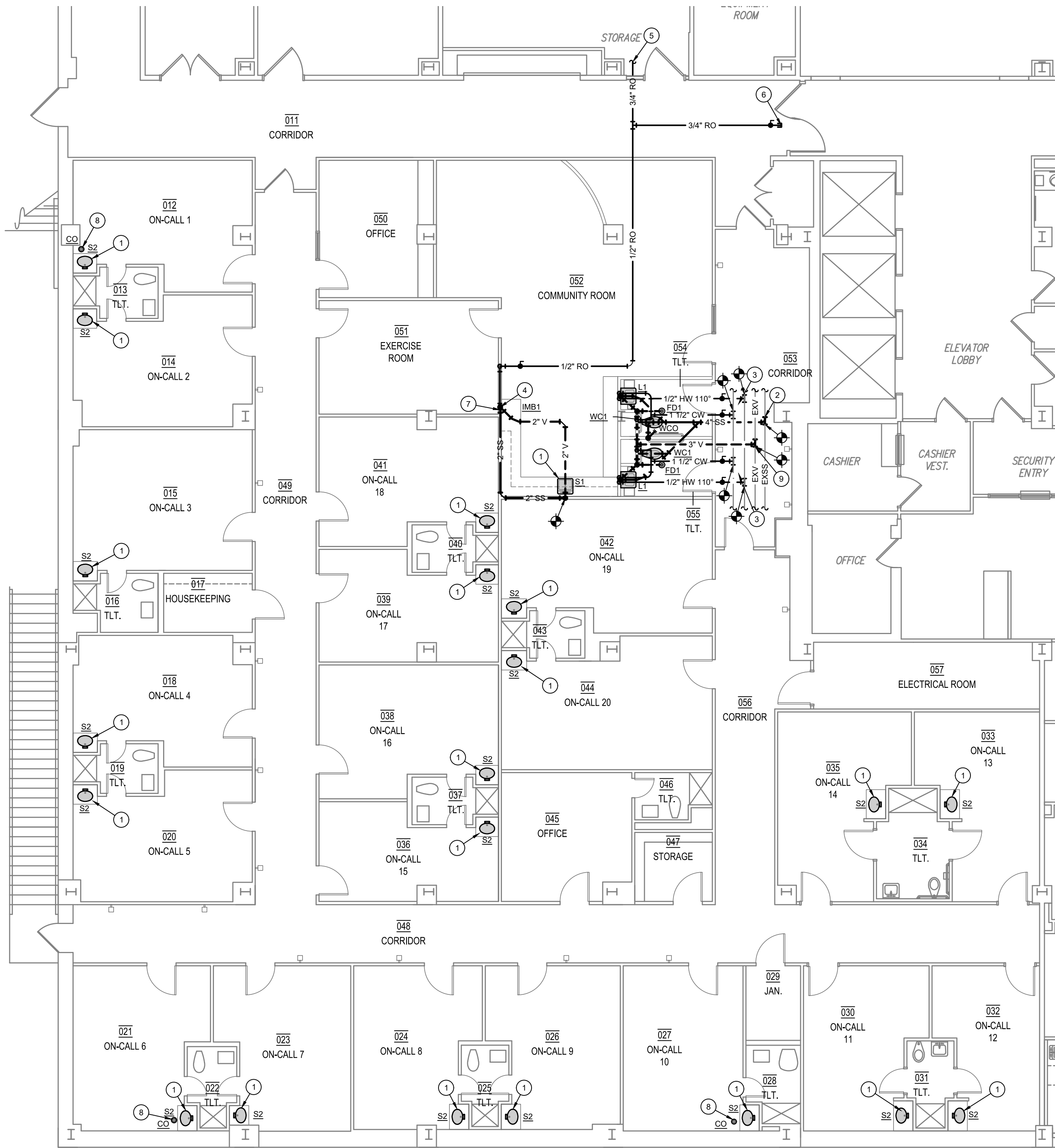
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PROJECT NO. 22509
DATE: 04/02/2025

SHEET NO.

P1

1 OF 3



1/P2 BASEMENT PLAN - PLUMBING
SCALE: 1/8" = 1'-0"



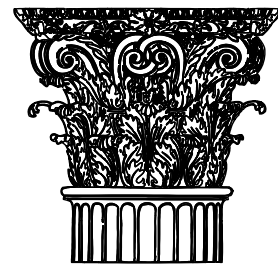
GENERAL NOTES

- CONTRACTOR SHALL TAKE CARE TO PROTECT ALL EXISTING OPERATIONAL SYSTEMS. ANY EXISTING SYSTEMS THAT ARE DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR.
- VERIFY EXACT LOCATION OF ALL EXISTING UTILITIES, PLUMBING FIXTURES, AND PIPING AT THE JOBSITE. CONTRACTOR SHALL VERIFY EXACT PLUMBING SYSTEMS PRIOR TO BID. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF ALL UTILITIES PRIOR TO BID.
- CONTRACTOR SHALL COORDINATE ALL PLUMBING DISCONNECTIONS AND INTERRUPTIONS WITH BUILDING OWNER. VERIFY EXACT SCHEDULE WITH ARCHITECT AND OWNER.
- PROVIDE CEILING MOUNTED ACCESS DOORS TO ACCESS ANY VALVES THAT ARE INSTALLED ABOVE INACCESSIBLE CEILINGS.
- MOUNTING HEIGHT OF ALL PLUMBING FIXTURES SHALL BE COORDINATED WITH ARCHITECT PRIOR TO INSTALLATION
- REFER TO PLUMBING FIXTURE SCHEDULE FOR RUNOUT LINES SIZES TO INDIVIDUAL FIXTURES WHERE LINE SIZES ARE NOT INDICATED ON FLOOR PLAN.
- SAWCUT EXISTING SLAB AS REQUIRED TO INSTALL ALL UNDERGROUND SEWER PIPING.
- INSTALL ALL BELOW SLAB PIPING AS PER PIPE EMBEDMENT DETAIL ON SHEET P3.

KEYED NOTES

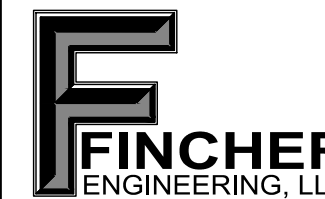
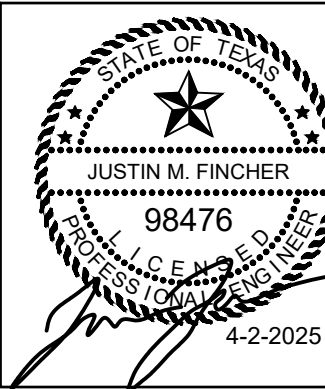
- NEW SINK INSTALLED IN SAME LOCATION AS REMOVED SINK, MODIFY EXISTING ROUGH-IN AS REQUIRED.
- CONNECT NEW 4" SS LINE TO EXISTING MAIN SS LINE IN THIS AREA. FIELD VERIFY EXACT LOCATION OF EXISTING WATER LINES.
- CONNECT NEW 1/2" CW AND 1/2" HW LINES TO EXISTING WATER MAINS IN THIS AREA. FIELD VERIFY EXACT LOCATION OF EXISTING WATER LINES.
- COORDINATE EXACT LOCATION AND HEIGHT OF ALL ICE MACHINE AND WATER BOXES WITH ARCHITECT AND ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN.
- EXTEND 3/4" RO LINE APPROXIMATELY 150' TO CONNECT TO DISCHARGE LINE FROM EXISTING RO SYSTEM IN WEST MECHANICAL ROOM. COORDINATE EXACT ROUTING AND CONNECTION REQUIREMENTS WITH OWNER.
- VALVE AND CAP 3/4" RO LINE FOR FUTURE USE IN CORRIDOR.
- ROUTE 2" SS LINE IN WALL AND CONNECT TO EXISTING SS LINE AT S1.
- NEW CLEAN-OUT INSTALLED IN SAME LOCATION AS REMOVED CLEAN-OUT, MODIFY EXISTING SS LINE AS REQUIRED.
- CONNECT NEW 3" V LINE TO EXISTING MAIN V LINE IN THIS AREA. FIELD VERIFY EXACT LOCATION OF EXISTING WATER LINES.

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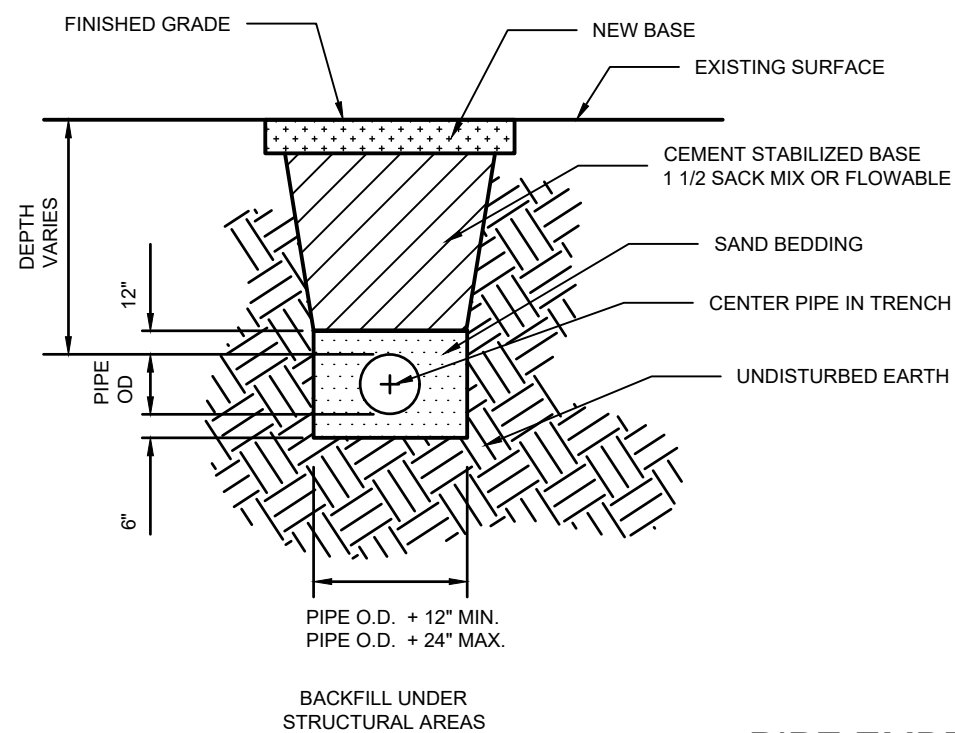
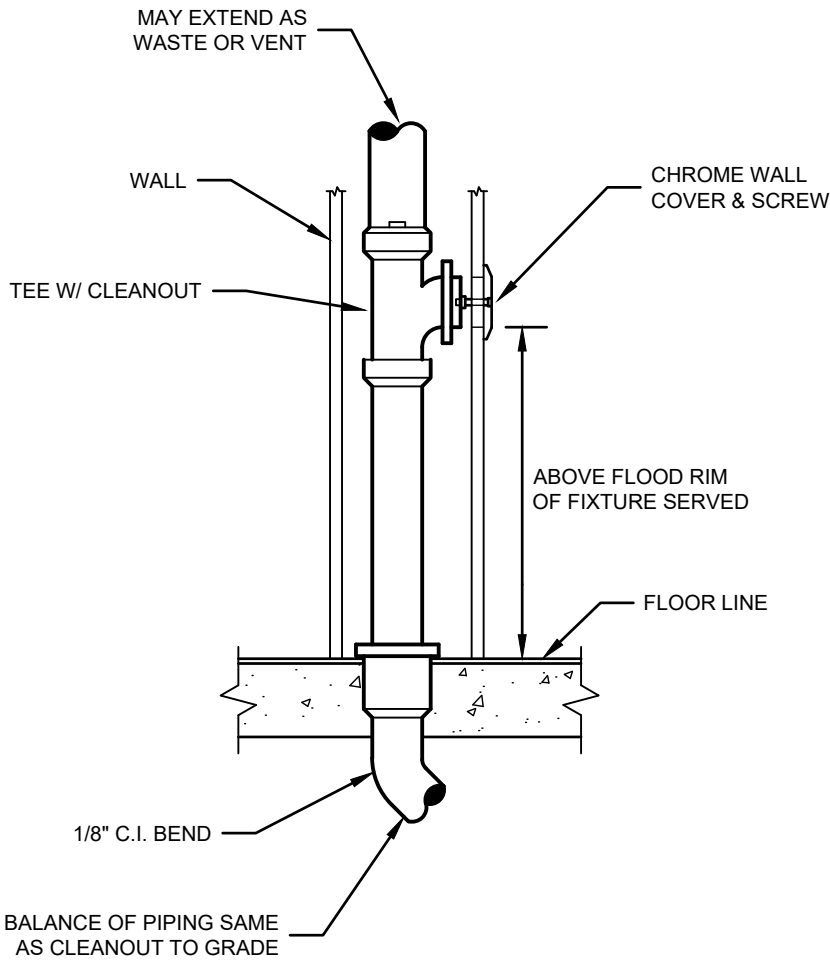
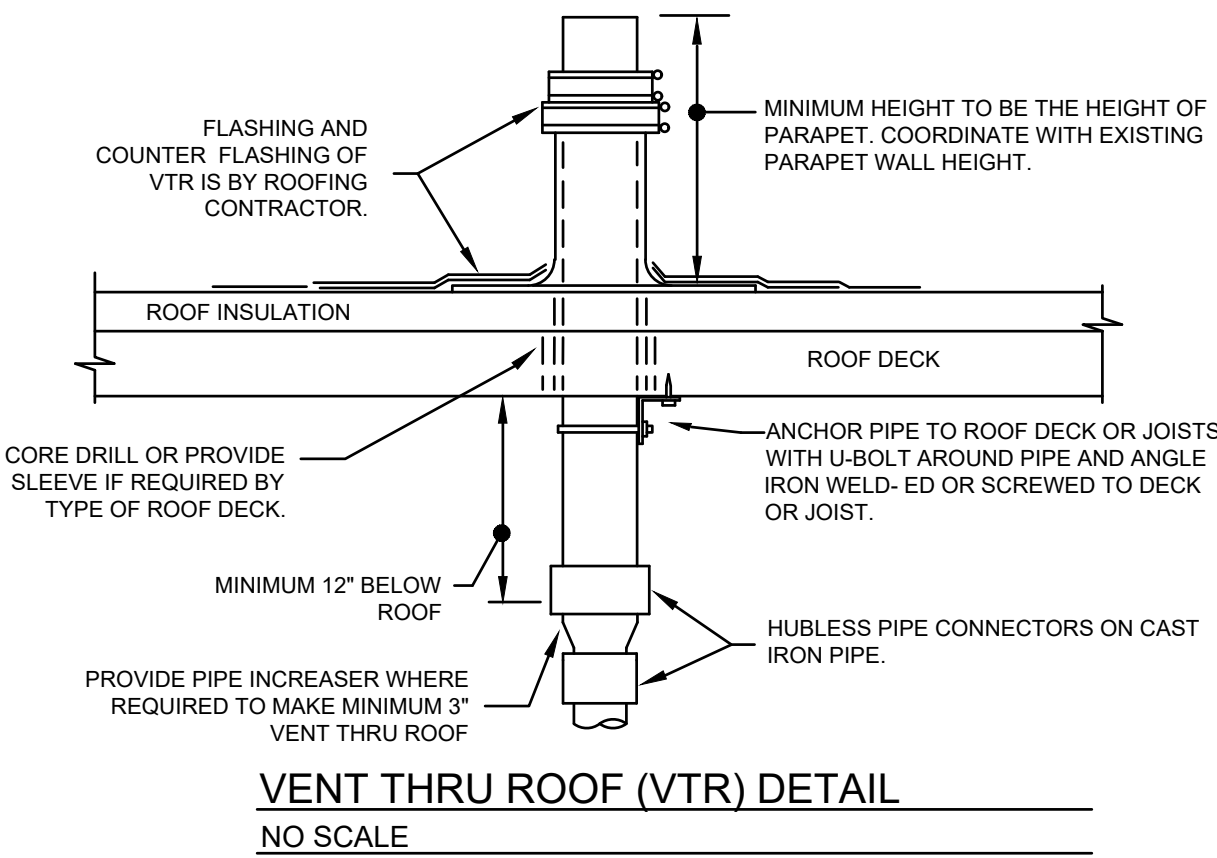
SHEET NO.

P2

2 OF 3

PLUMBING LEGEND	
GENERAL SYMBOLS	
XXX-## PLUMBING FIXTURE OR EQUIPMENT MARK (SEE ABBREVIATION LIST AND SCHEDULES)	CONNECT TO EXISTING
KEYED NOTE	REVISION NUMBER
X DETAIL REFERENCE INDICATES THE DETAIL NUMBER	P-XXX INDICATES THE DRAWING SHEET
PIPE SYMBOLS	PIPING SYSTEMS
ELBOW DOWN	EXISTING LINE (XX = SYSTEM)
ELBOW UP	DEMO LINE (XX = SYSTEM)
TEE UP	DOMESTIC COLD WATER LINE
TEE DOWN	DOMESTIC HOT WATER LINE
BALL VALVE	DOMESTIC HOT WATER RECIRCULATION LINE
FLOW DIRECTION	DOMESTIC COLD WATER LINE
METER	DOMESTIC HOT WATER LINE
VALVE IN BOX	DOMESTIC HOT WATER RECIRCULATION LINE
UNION	SANITARY SEWER
CHECK VALVE	VENT LINE
GAS VALVE	GAS LINE
BALANCING VALVE	FIRE PROTECTION LINE
STRAINER	GREASE WASTE LINE
CLEANOUT	DRAIN LINE
DOUBLE CLEANOUT	CONDENSATE DRAIN LINE
WALL CLEANOUT	COMPRESSED AIR LINE
HOSE BIB	MEDICAL AIR LINE
FLOOR DRAIN	OXYGEN LINE
FLOOR SINK	NITROUS OXIDE LINE
BACKFLOW PREVENTER	VACUUM LINE
REDUCED PRESSURE ZONE	WASTE ANESTHESIA DISCHARGE LINE
VENT THROUGH ROOF	ELEVATOR SUMP DISCHARGE LINE
GAS REGULATOR, FROM 2 PSI TO OUNCE PRESSURE UNLESS NOTED OTHERWISE (GAS LOAD IN MBTUH)	REVERSE OSMOSIS WATER LINE
	DE-IONIZED WATER LINE
	ROOF DRAIN LINE
	STORM DRAIN LINE
	OVERFLOW DRAIN LINE
	OVERFLOW ROOF DRAIN LINE

PLUMBING ABBREVIATIONS			
AD	ACCESS DOOR	L	LAVATORY
AFF	ABOVE FINISHED FLOOR	LBS	POUNDS
AHJ	AUTHORITY HAVING JURISDICTION	LWT	LEAVING WATER TEMPERATURE
AHU	AIR HANDLING UNIT		
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	M	METER
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	M	MOTORIZED
		MA	MEDICAL AIR
BF	BOTTLE FILLER	MAX	MAXIMUM
BFC	BELOW FINISHED CEILING	MB	MOP BASIN
BFP	BACKFLOW PREVENTER	MBH	THOUSAND BTUH
BTU	BRITISH THERMAL UNIT	MCA	MINIMUM CURRENT AMPACITY
BOP	BOTTOM OF PIPE	MECH	MECHANICAL
BTUH	BRITISH THERMAL UNIT PER HOUR	MIN	MINIMUM
		MOCP	MAXIMUM OVER CURRENT PROTECTION
CA	COMPRESSED AIR	NEC	NATIONAL ELECTRICAL CODE
CD	CONDENSATE DRAIN	NEMA	NATIONAL ELECTRICAL MANUFACTURERS
CFH	CUBIC FEET PER HOUR	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
CO	CLEANOUT	NO	NITROUS OXIDE
CP	CONDENSATE PUMP	NTS	NOT TO SCALE
CPVC	CHLORINATED PVC		
CU	CONDENSING UNIT	O	OXYGEN
CW	DOMESTIC COLD WATER	OD	OUTSIDE DIAMETER
		OD	OVERFLOW DRAIN
D	DRAIN	ORD	OVERFLOW ROOF DRAIN
DCO	DOUBLE CLEANOUT		
DI	DE-IONIZED WATER	P	PUMP
DEMO	DEMOLITION	P	PRESSURE
		PD	PRESSURE DROP
ELEC	ELECTRICAL	PH	PHASE
ESD	ELEVATOR SUMP DISCHARGE	PEX	CROSS-LINKED POLYETHYLENE
EW	ELECTRIC WATER COOLER	PRV	PRESSURE REDUCING VALVE
EW	ENTERING WATER TEMPERATURE	PSI	POUNDS PER SQUARE INCH
EX	EXISTING	PVC	POLY VINYL CHLORIDE
F	FIRE	RB	REFRIGERATOR BOX
FCU	FAN COIL UNIT	RD	ROOF DRAIN
FCU	FURNACE AND COIL UNIT	RH	ROOF HYDRANT
FD	FLOOR DRAIN	RO	REVERSE OSMOSIS WATER
FDC	FIRE DEPARTMENT CONNECTION	RO	REVOLUTIONS PER MINUTE
FPM	FEET PER MINUTE	RPM	REVOLUTIONS PER MINUTE
FS	FLOOR SINK	RPZ	REDUCED PRESSURE ZONE (BFP)
FT	FEET	RTU	ROOFTOP UNIT
G	GAS	S	SINK
GAL	GALLONS	SD	STORM DRAIN
GPM	GALLON PER MINUTE	SQFT	SQUARE FEET
GR	GAS REGULATOR	SS	SANITARY SEWER
GUH	GAS-FIRED UNIT HEATER	S.S.	STAINLESS STEEL
GW	GREASE WASTE		
		T	TEMPERATURE
H	HUMIDIFIER	T&P	TEMPERATURE
HB	HOSE BIBB		
HC	DOMESTIC HOT WATER CIRCULATION	U	URINAL
HD	HUB DRAIN	UH	UNIT HEATER
HP	HORSEPOWER		
HW	DOMESTIC HOT WATER	V	VENT
HWCP	HOT WATER CIRCULATING PUMP	V	VOLTS
		VAC	VACUUM
IBC	INTERNATIONAL BUILDING CODE	VFD	VARIABLE FREQUENCY DRIVE
ID	INSIDE DIAMETER	VTR	VENT THROUGH ROOF
IMB	ICE MAKER BOX		
IPC	INTERNATIONAL PLUMBING CODE	W	WITH
IN	INCHES	W/O	WITHOUT
INWC	INCHES OF WATER COLUMN	WB	WASHER BOX
		WC	WATER CLOSET
KW	KILOWATT	WCO	WALL CLEANOUT
		WH	WATER HEATER



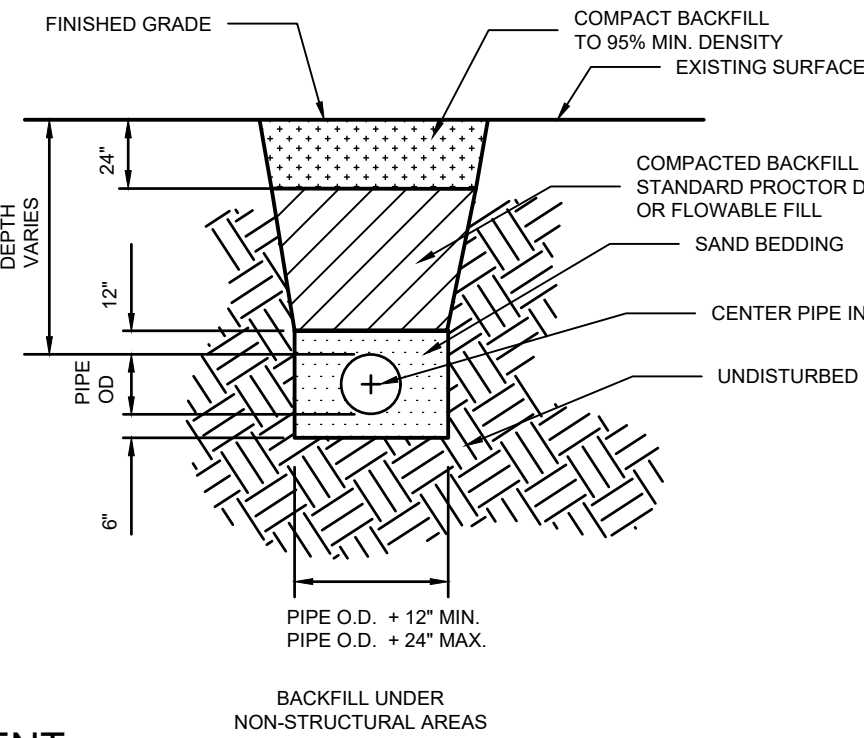
PIPE EMBEDMENT
NO SCALE

PIPE EMBEDMENT NOTES

- THE EXISTING PAVING SURFACE SHALL BE SAW CUT IN A STRAIGHT LINE. A MINIMUM OF 12" WIDER THAN THE UNDISTURBED SIDES OF THE TRENCH, SYMMETRICAL ABOUT THE CENTER-LINE OF THE EXCAVATION.
- ANY CONCRETE PAVING SHALL BE SAW CUT 6" WIDER THAN UNDISTURBED SIDES OF EXCAVATION.
- IF EXCAVATION AREA IS OPEN FOR TEMPORARY PUBLIC USE THE SURFACE SHALL BE MAINTAINED LEVEL WITH ADJACENT RIDING SURFACE WITH COLD MIX OR FLEXIBLE BASE MATERIAL.
- ROAD BASE AND SURFACE MATERIALS SHALL BE REPLACED IN KIND OF EQUAL THICKNESS WITH MINIMUM BASE THICKNESS OF 8".
- INSTALL DETECTOR TAPE AND TRACE WIRE PER SPECIFICATION.

PLUMBING FIXTURE SCHEDULE

MARK	FIXTURE SPECIFICATION (FIXTURES ARE EXAMPLES ONLY, EQUAL FIXTURES FROM ALTERNATE MANUFACTURERS IS ACCEPTABLE. REFER TO SPECIFICATION FOR ACCEPTABLE MANUFACTURERS)	FIXTURE CONNECTIONS (RUNOUT LINE SIZES)			
		CW	HW	SS	V
WATER CLOSETS					
WC1	Fixture/Flushvalve: Sloan Model WETS 2020 1001-1 28, 1.28GPF, floor mounted elongated bowl, siphon jet and Sloan Royal 1 28 Quiet Exposed Permex Rubber Diaphragm Type Flushvalve with ADA Non-Hold-Open Handle, Free Spinning Stop Cap, No External Volume Adjustment with bolt covers. TAS compliant	1-1/2"	_____	4"	2"
	Seat: Bemis 1955CT white solid plastic open front.				
LAVATORIES					
L1	Fixture: Kohler K-2031 vitreous china 20" x 18" for concealed arms, with single faucet hole. TAS compliant.	1/2"	1/2"	2"	2"
	Supply: T&S Brass BP-2704-BN, 4" Centerset Single Lever Faucet with ½" IPS Male Inlet Shanks, Temperature Limit Stop, and Ceramic Cartridge, Brushed Nickel Finish. TAS compliant.				
	Tailpiece: McGuire 155WC Cast Brass Chrome Plated Offset Wheelchair Strainer with polished chrome cast brass elbow and 17 gauge 1-1/4" inch seamless brass offset tailpiece.				
	P-trap: McGuire 8872C-F P-trap shall be chrome plated cast brass body with cleanout, with 17 gauge seamless wall bend, slip nuts and Chrome Plated Forged Brass Set Screw Flange.				
	Stops, risers: McGuire BV2165-F Supply kit shall include commercial pattern chrome plated Quarter-Turn Brass Ball Valve with convertible loose key handle, Chrome Plated copper riser and Chrome Plated Forged Brass Set Screw Flange.				
Protective Insulation: Truebro Lav Shield rigid enclosure to enclose all components (traps, mixing valve, etc.). Enclosure to be 0.093" nominal wall thickness, stain resistant PVC, china white color, and secured to wall with stainless steel screws. ADA Compliant.					
Carrier: Mifab #MC-41 floor mounted Lavatory Carrier with concealed arms, leveling and securing screws, rectangular structural uprights and welded feet					
SINKS					
S1	Fixture: Elkay LRAD-1918, 19" x 18" x 6" deep, single compartment, off-center drain, 18 gage type 302 self rimming stainless steel with 2 holes. TAS compliant.	1/2"	1/2"	2"	2"
	Supply: T&S Brass B-2742, single lever side mounted remote on/off control base faucet, ceramic cartridge, swivel gooseneck, 16" flexible stainless steel supply hoses and 2.2GPM aerator. TAS compliant.				
	Strainer: McGuire 1151WC, adjustable brass offset sink strainer with 17 gauge seamless brass waste arm and tailpiece, cast brass slip nuts and heavy cast elbow.				
	P-trap: McGuire 8912C-F P-trap shall be chrome plated cast brass body with cleanout, with 17 gauge seamless wall bend, slip nuts and Chrome Plated Forged Brass Set Screw Flange.				
	Stops, risers: McGuire BV2165-F Supply kit shall include commercial pattern chrome plated Quarter-Turn Brass Ball Valve with convertible loose key handle, Chrome Plated copper riser and Chrome Plated Forged Brass Set Screw Flange.				
Protective Insulation: Plumberex X1333/X1114, Insulate per ADA 4.19.4 and or IBC all exposed lavatories drain piping, hot/cold stops and supplies. Protectors will consist of molded closed cell PVC, with anti-fungal and anti-microbial properties. To be one piece continuous smooth design.					
S2	Fixture: Solid surface counter top with integral sink. Refer to Architectural. TAS compliant.	1/2"	1/2"	2"	2"
	Supply: T&S Brass B-2742, single lever side mounted remote on/off control base faucet, ceramic cartridge, swivel gooseneck, 16" flexible stainless steel supply hoses and 2.2GPM aerator. TAS compliant.				
	Tailpiece: McGuire 155WC Cast Brass Chrome Plated Offset Wheelchair Strainer with polished chrome cast brass elbow and 17 gauge 1-1/4" inch seamless brass offset tailpiece.				
	P-trap: McGuire 8872C-F P-trap shall be chrome plated cast brass body with cleanout, with 17 gauge seamless wall bend, slip nuts and Chrome Plated Forged Brass Set Screw Flange.				
	Stops, risers: McGuire BV2165-F Supply kit shall include commercial pattern chrome plated Quarter-Turn Brass Ball Valve with convertible loose key handle, Chrome Plated copper riser and Chrome Plated Forged Brass Set Screw Flange.				
Protective Insulation: Truebro Lav Shield rigid enclosure to enclose all components (traps, mixing valve, etc.). Enclosure to be 0.093" nominal wall thickness, stain resistant PVC, china white color, and secured to wall with stainless steel screws. ADA Compliant.					
SPECIALTIES					
FD1	Fixture: Floor Drains shall be coated cast iron, two piece body, non puncturing flashing collar with weep holes, square top, heavy duty, loose set laminated Satin Finish Nikaloy Grate and removable sediment bucket equal to Josam 37820-19. Provide all floor drains with trap seal equal to ProSet Trap Guard and install according to manufacturer's instructions.	_____	_____	3"	2"
IMB1	Fixture: Guy Gray RMDW1AB lead free ice maker outlet box, white powder coated metal, with drain and quarter turn hammer arrestor valve.	1/2" RO	_____	2"	2"
CLEANOUTS CO, WCO, DCO	Floor cleanouts in finished floors shall be equal to MIFAB C-1100P-R-3 with stainless steel cover, and ANS/ASME 5000-7499 lbs.	LINE SIZE UP TO 4"			
	Floor cleanouts in floors with thin flooring shall be equal to MIFAB C1100P-UR-3 with recessed top for flooring and ANIS/ASME 5000-7499 lbs..				
	Floor cleanouts in tiled floors shall be equal to MIFAB C1100P-TS-3 with square stainless steel Cover, recessed for tile, ANIS/ASME 5000-7499 lbs.				
	Floor cleanouts in carpeted floors shall be equal to MIFAB C1100P-RC-3 with lacquered cast iron body & anchor flange, secondary "O" ring Test Seal, 4" diameter cleanout opening & round nickel bronze scoriated combined cover & plug top assembly with stainless steel vandal proof allen key screws, primary gasket seal and 1 ½" round stainless steel carpet marker. (For membrane floors, add -C for membrane clamp.)				
	Floor cleanouts in unfinished areas shall be equal to MIFAB C1100-XR adjustable floor cleanout with lacquered cast iron body & anchor flange, secondary "O" ring Test Seal, 4" diameter cleanout opening & round heavy duty square scoriated combined cover & plug top assembly with stainless steel vandal proof allen key screws & primary gasket seal. (For membrane floors, add Suffix -C for the membrane clamp.)				
Exterior cleanouts subject to heavy wheel traffic shall be equal to MIFAB C1300-MF lacquered cast iron heavy duty access housing with fixed anchor flanges, extra heavy duty ductile iron access cover with 6 ½" (165) clear bottom access..					
Wall cleanouts shall be concealed behind Stainless Steel access cover with screw equal to Mifab C1400-RD					



PDI SIZE	PIPE SIZE	FIXTURE UNIT LOAD
A	1/2"	1-11
B	3/4"	12-32
C	1"	33-60
D	1-1/4"	61-113
E	1-1/2"	114-154
F	2"	154-330

WATER SUPPLY FIXTURE UNIT (WSFU)		
FIXTURE	COLD	HOT
VALVE WATER CLOSET	5	--
URINAL	4	--
LAVATORY/SINK	1.5	1.5
JANITOR'S SINK	3	3

- COMMENTS:
- WATER HAMMER ARRESTERS SHALL BE HAVE PISTON AND O-RING CONSTRUCTION WITH PDI #WH-201, ASSE # 1010 AND ANSI # A112.26.1M CERTIFICATION. INSTALL IN HORIZONTAL OR VERTICAL POSITION, BUT NEVER UPSIDE DOWN. SIZE THE UNITS AS SHOWN PER THE TABLES SHOWN ABOVE.

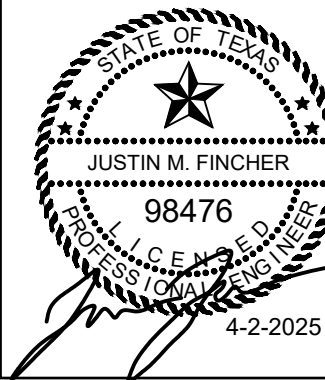
WATER HAMMER ARRESTER DETAIL
NO SCALE

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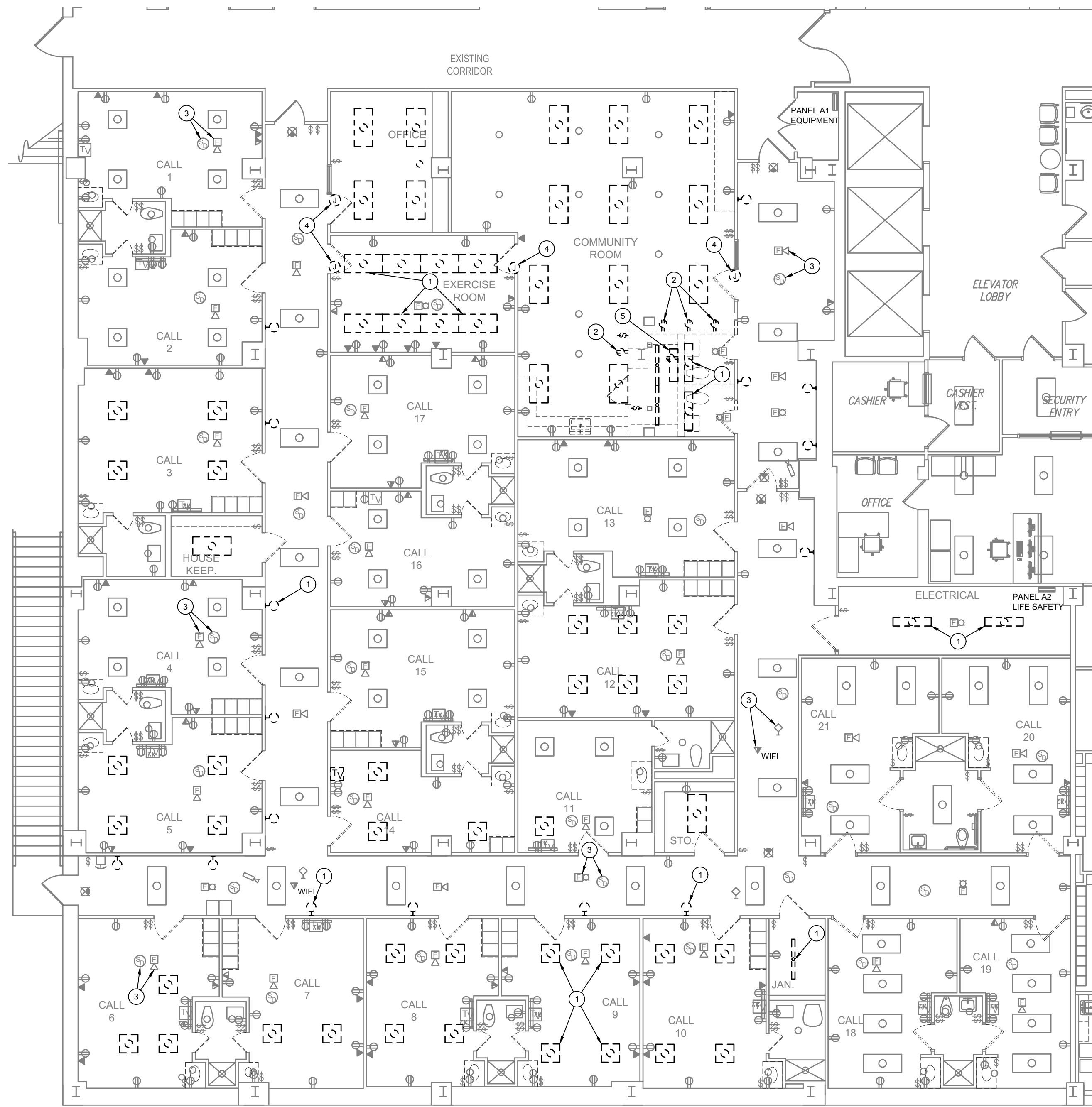
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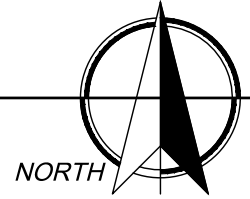
SHEET NO.

P3

3 OF 3



1/E1 BASEMENT PLAN - ELECTRICAL DEMOLITION
SCALE: 1/8" = 1'-0"



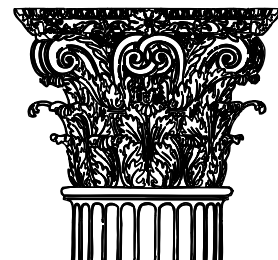
GENERAL NOTES

- ALL ELECTRICAL DEVICES SHOWN DASHED, OR ON DASHED WALLS, ALONG WITH ALL WIRING AND CONDUIT ASSOCIATED WITH DEVICE SHALL BE REMOVED BACK TO POINT OF ORIGIN UNLESS NOTED OTHERWISE.
- VERIFY EXACT LOCATION OF ALL DEVICES AND CONDUIT TO REMAIN.
- THE ELECTRICAL CONTRACTOR SHALL FIELD VERIFY EXISTING DEVICES. ALL ABANDONED DEVICES/SYSTEMS AND WIRING SHALL BE DEMOLISHED. DO NOT RELOCATE TO NEW CEILINGS/WALLS.
- ALL DOWNSTREAM DEVICES NOT BEING REMOVED AS PART OF THIS PROJECT SHALL REMAIN ACTIVE. THIS INCLUDES BUT NOT LIMITED TO RECEPTACLES, LIGHTS, FIRE ALARM, DATA, AND COMMUNICATION OUTLETS/WIRING.
- ALL POWER AND COMMUNICATIONS OUTAGES SHALL BE COORDINATED WITH OWNER AND ARCHITECT PRIOR TO OUTAGE. PROVIDE TEMPORARY CONNECTIONS (POWER AND COMMUNICATION WIRING) TO EQUIPMENT TO MAINTAIN SERVICE DURING CONSTRUCTION AS REQUIRED.
- FIRE ALARM WORK FOR UMC SHALL BE PERFORMED BY UMC FIRE ALARM CONTRACTOR (LUBBOCK SOUND). FIRE ALARM WORK FOR TTUHSF SHALL BE PERFORMED BY TTUHSF FIRE ALARM CONTRACTOR (FIREMASTER). COORDINATE CONNECTION OF EXISTING DEVICES WITH FIRE ALARM CONTRACTOR AND MANUFACTURER.
- EXISTING FLUORESCENT LIGHT FIXTURES SHALL BE REPLACED WITH LED. FIELD VERIFY EXISTING CONDITIONS.
- REFER TO ARCHITECTURAL PLANS FOR WALLS TO RECEIVE NEW PAINT AND FINISH UPGRADES. COORDINATE REMOVAL OF DEVICES/COVER PLATES WITH ARCHITECTURAL PLANS.

KEYED NOTES

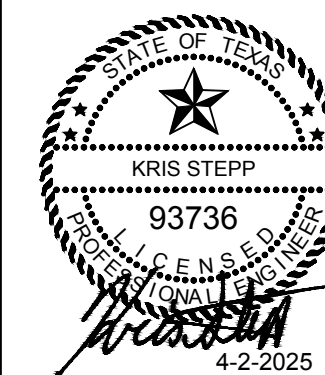
- EXISTING LIGHTING SHALL BE DEMOLISHED. EXISTING CIRCUIT AND CONTROLS SHALL REMAIN FOR REUSE. (TYPICAL)
- EXISTING RECEPTACLE SHALL BE DEMOLISHED. EXISTING CIRCUIT SHALL REMAIN FOR REUSE.
- EXISTING CEILING MOUNTED DEVICES SHALL BE REMOVED AND RELOCATED IN NEW CEILING. EXTEND AND CONNECT TO EXISTING WIRING/SYSTEM. COORDINATE REQUIREMENTS WITH ARCHITECTURAL CEILING PLAN. (TYPICAL)
- EXISTING SECURE DOOR WITH INTEGRAL KEYPAD SHALL BE DEMOLISHED. EXISTING CIRCUIT SHALL REMAIN FOR REUSE.
- COMMUNICATION CABINET SHALL BE REMOVED AND RELOCATED TO ELECTRICAL ROOM. FIELD VERIFY EXISTING CONDITION. EXTEND AND CONNECT EXISTING WIRING TO NEW LOCATION.

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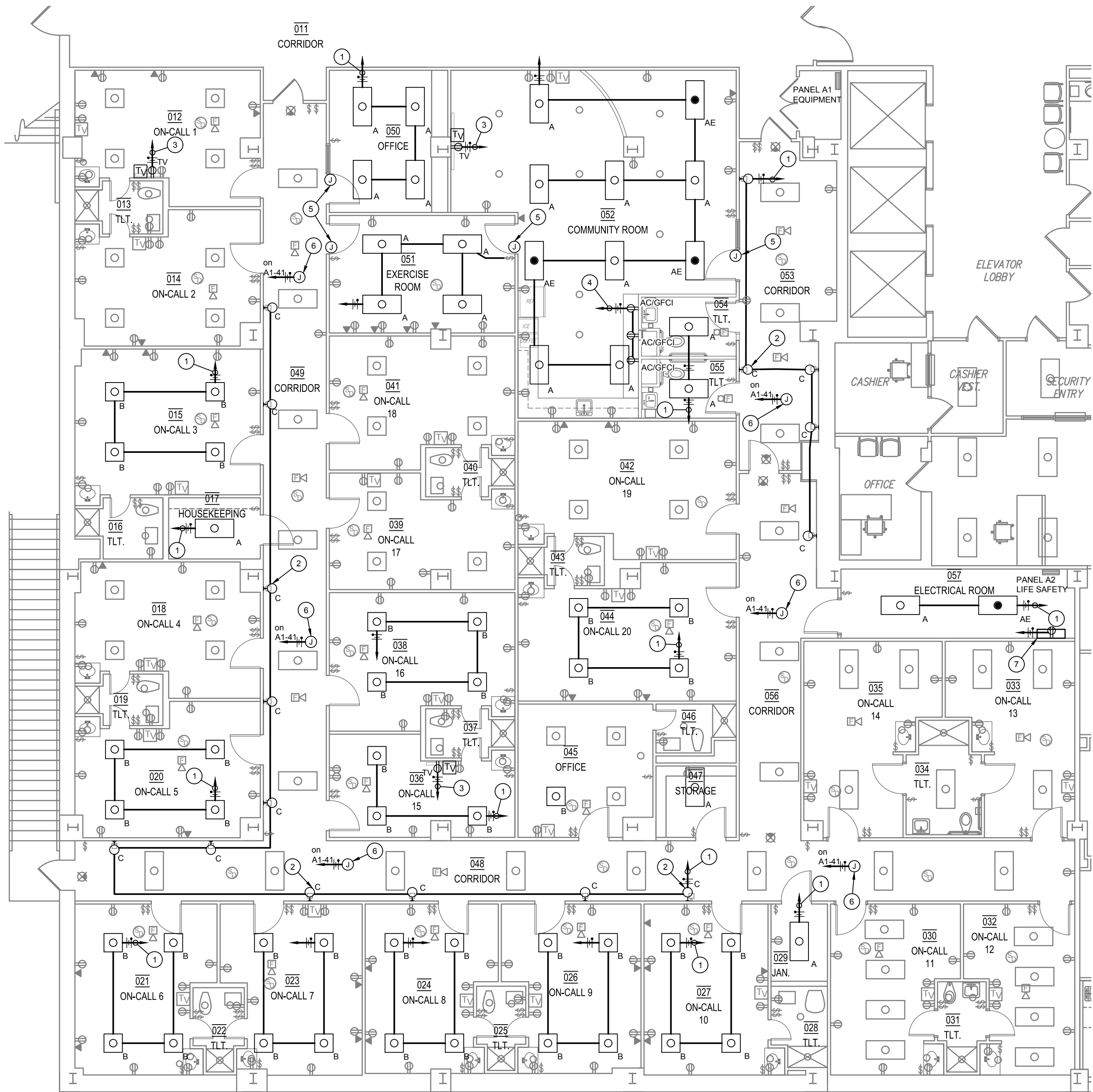
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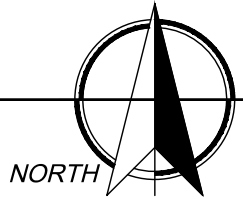
E1

1 OF 3



1/E2 BASEMENT PLAN - ELECTRICAL

SCALE: 1/8" = 1'-0"



LIGHT FIXTURE SCHEDULE							
TYPE	VOLTAGE	MOUNTING	MANUFACTURER	MODEL NUMBER	LAMPS (LM)	WATTS	REMARKS
A	120	RECESSED	LITHONIA	CPX-2X4-AL08-80CRI-SWW7-SWL-MVOLT	4000	25	2'x4' LUMEN SELECTABLE FLAT PANEL WITH DIMMING DRIVER
AE	120	RECESSED	LITHONIA	CPX-2X4-AL08-80CRI-SWW7-SWL-MVOLT-E10WLCP	4000	25	SAME AS TYPE "A" EXCEPT WITH EMERGENCY BATTERY
B	120	RECESSED	LITHONIA	CPX-2X2-AL07-80CRI-SWW7-SWL-MVOLT	2500	20	2'X2' LUMEN SELECTABLE FLAT PANEL WITH DIMMING DRIVER
C	120	WALL	MODERN FORMS	WS-28111-11"-3500K-BN	1000	16	DECORATIVE WALL SCONCE
GENERAL LIGHT FIXTURE NOTES:							
A. ALL LED LIGHT FIXTURES SHALL BE RATED FOR 4000 DEGREES KELVIN UNLESS OTHERWISE NOTED.							
LIGHT FIXTURE SCHEDULE NOTES:							
1 CONFIRM FINISH WITH ARCHITECT PRIOR TO ORDER.							

- GENERAL NOTES
- A. VERIFY ALL ELECTRICAL INSTALLATIONS WITH LOCAL CODES AND CITY ORDINANCES PRIOR TO INSTALLATION.

B. IT IS ASSUMED THAT ANY OUTLET, SWITCH, RECEPTACLE, FIXTURE OR PANEL MAY BE RELOCATED WITHIN A TEN (10) FOOT RADIUS OF THE INDICATED LOCATION WITHOUT ADDITIONAL CHARGE TO THE OWNER.

C. PROVIDE AN UN-SWITCHED HOT (BALLAST/DRIVER) TO ALL EMERGENCY FIXTURES ROUTED THRU LIGHTING CONTROLS TO PROVIDE EMERGENCY OPERATION.

D. PROVIDE DEDICATED NEUTRAL WIRE FOR EACH 120V CIRCUIT BREAKER.

E. LIGHTING CONTROL WIRING SHALL BE ROUTED IN SEPARATE CONDUIT/PATHWAY FROM POWER WIRING.

F. VERIFY EXACT LOCATION OF ALL MECHANICAL EQUIPMENT AND TEMPERATURE CONTROLS WITH MECHANICAL PLANS. PROVIDE 1" CONDUIT AT EACH THERMOSTAT. REFER TO MECHANICAL PLANS FOR LOCATIONS.

G. PROVIDE DEDICATED NEUTRAL WIRE FOR EACH 120V CIRCUIT BREAKER.

H. PROVIDE MOTOR RATED SWITCHES FOR EACH 120V HVAC CONNECTIONS. OVERLOADS SHALL MATCH MOTOR RATING.

I. CONTRACTOR SHALL PROVIDE NEMA 3R DISCONNECT SWITCHES FOR ALL EXTERIOR HVAC EQUIPMENT. INTERIOR DRY LOCATION DISCONNECT ENCLOSURES SHALL BE RATED NEMA 1.

J. DATA/TELEPHONE/TV OUTLETS SHALL BE INSTALLED WITH 1" CONDUIT EXTENDED TO AN ACCESSIBLE POINT ABOVE CEILING AND PROVIDED WITH PULL STRING. COORDINATE ALL TELEPHONE, TV AND DATA LOCATIONS WITH OWNER. PROVIDE INSULATED BUSHING ON BOTH ENDS OF CONDUIT. TV OUTLET AND ASSOCIATED RECEPTACLE SHALL BE MOUNTED AT 96" AFF.

K. WHERE GFCI PROTECTION IS REQUIRED BY CODE AND CONNECTION IS LOCATED BEHIND EQUIPMENT, CONTRACTOR SHALL PROVIDE GFCI CIRCUIT BREAKER IN LIEU OF GFCI OUTLET.

L. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT DEVICE PLACEMENTS IN ALL SPACES.

M. FIRE ALARM WORK FOR UMC SHALL BE PERFORMED BY UMC FIRE ALARM CONTRACTOR(LUBBOCK SOUND). FIRE ALARM WORK FOR TTU/USC SHALL BE PERFORMED BY TTU/USC FIRE ALARM CONTRACTOR(FIREMASTER). COORDINATE CONNECTION OF EXISTING DEVICES WITH FIRE ALARM CONTRACTOR AND MANUFACTURER.

- KEYED NOTES
1. EXTEND AND CONNECT TO EXISTING LIGHTING CIRCUIT AND CONTROL SWITCHES SERVING AREA. (TYPICAL).

2. NEW WALL SCONCE IN EXISTING LOCATION. (TYPICAL).

3. EXTEND AND CONNECT TO ADJACENT CIRCUIT SERVING RECEPTACLES.

4. EXTEND AND CONNECT EXISTING CIRCUIT SERVING DEMOLISHED RECEPTACLES.

5. NEW SECURE DOOR. COORDINATE REQUIREMENTS WITH DOOR MANUFACTURER. EXTEND AND CONNECT TO EXISTING CIRCUIT SERVING SECURE DOOR.

6. PROVIDE 120V CONNECTION TO SERVE VAV TRANSFORMER MOUNTED ABOVE CEILING. COORDINATE LOCATION AND CONNECTION REQUIREMENTS WITH HVAC CONTROLS CONTRACTOR.

7. PROPOSED NEW LOCATION OF EXISTING COMMUNICATION CABINET. FIELD VERIFY EXISTING CONDITIONS. EXTEND AND CONNECT WIRING AS REQUIRED. PROVIDE 120V RECEPTACLE TO SERVE CABINET/POWER SUPPLY AS REQUIRED. CONNECT RECEPTACLE TO EXISTING CIRCUIT PREVIOUSLY SERVING CABINET. COORDINATE LOCATION AND REQUIREMENTS WITH ARCHITECT AND UMC PERSONNEL.

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PROJECT NO. 22509
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SHEET NO.
E2

2 OF 3

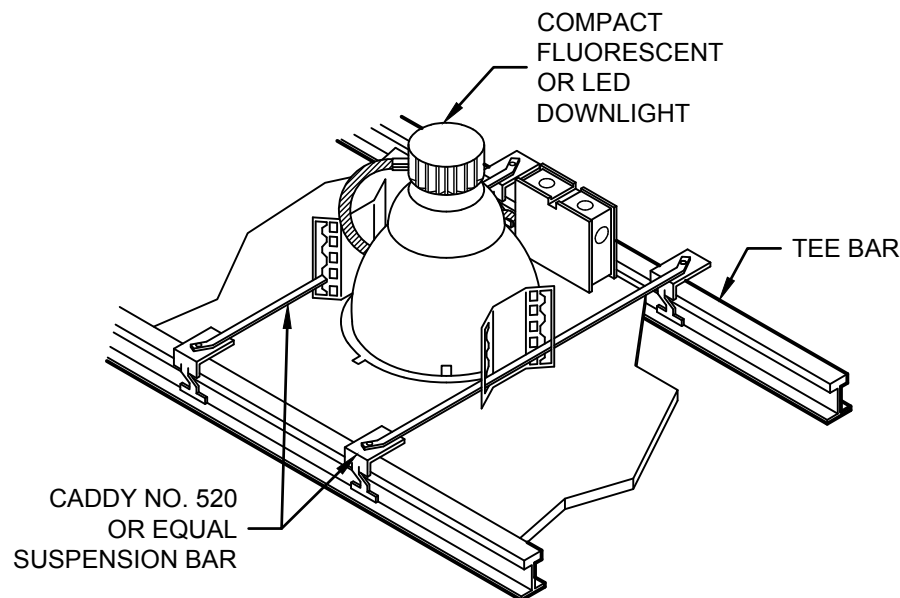
ELECTRICAL SYMBOL SCHEDULE			
	2x4 RECESSED LIGHT FIXTURE		CIRCUIT RUN TO PANELBOARD - NUMBER OF WIRES SHOWN
	2x2 RECESSED LIGHT FIXTURE		CIRCUIT INDICATOR
	DOWN LIGHT FIXTURE		DUPLEX RECEPTACLE - 20A, 125V, 2P, 3W, GROUNDING
	WALL MOUNTED LIGHT FIXTURE		ABOVE COUNTER (VERIFY WITH ARCHITECTURAL)
	SPST WALL SWITCH		DUPLEX RECEPTACLE WITH GFCI
	JUNCTION BOX		FIRE ALARM AUDIBLE/STROBE UNIT
	WALL MOUNTED TELEPHONE/DATA OUTLET		FIRE ALARM STROBE UNIT
	CEILING MOUNTED ANTENNA/ECRES EQUIPMENT		TELEVISION OUTLET
ALL ELECTRICAL DEVICES SHOWN DASHED, OR ON DASHED WALLS, ALONG WITH ALL WIRING AND CONDUIT ASSOCIATED WITH DEVICE SHALL BE REMOVED BACK TO POINT OF ORIGIN UNLESS NOTED OTHERWISE.			

WIRE AND CONDUIT SIZING CHART

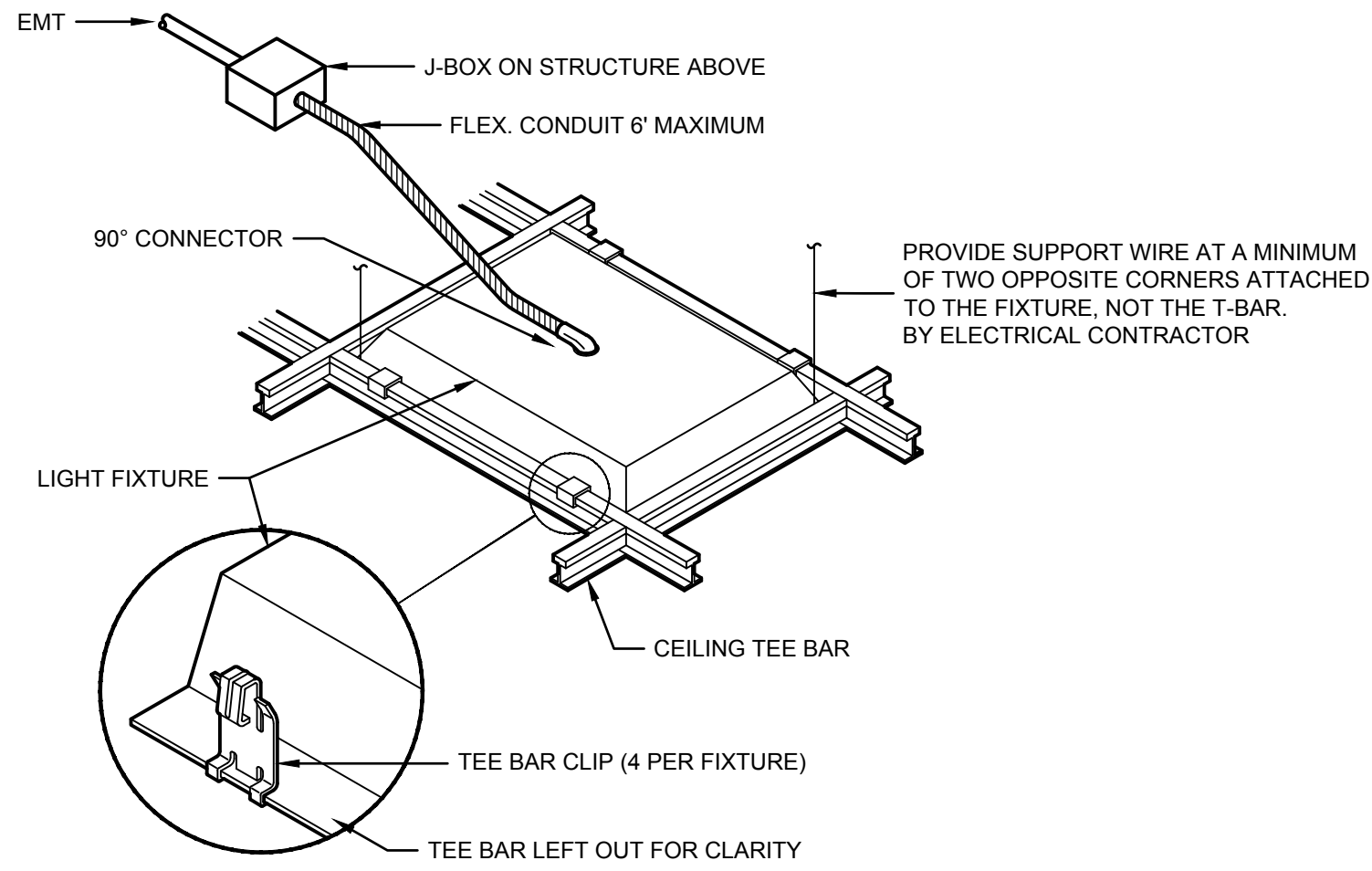
BREAKER	15	20	25	30	35	40	45	50	60	70	80	90	100	125	150	175	200	225	300	400
PHASE	#12	#12	#10	#10	#8	#8	#6	#6	#6	#4	#4	#2	#2	#1	#1/0	#2/0	#3/0	#4/0	#350 KCMIL	#500 KCMIL
NEUTRAL	#12	#12	#10	#10	#8	#8	#6	#6	#6	#4	#4	#2	#2	#1	#1/0	#2/0	#3/0	#4/0	#350 KCMIL	#500 KCMIL
GROUND	#12	#12	#10	#10	#10	#10	#10	#10	#10	#8	#8	#8	#8	#6	#6	#6	#6	#4	#4	#3
CONDUIT	3/4"	3/4"	3/4"	3/4"	1"	1"	1"	1"	1"	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/2"	2"	2"	2"	2-1/2"	3"	4"

- NOTES:
1. UNLESS OTHERWISE INDICATED ON THE DRAWINGS, ALL CONDUCTORS AND CONDUIT SHALL BE SIZED FROM THIS CHART.
2. ALL 120V LIGHTING AND POWER CIRCUITS OVER 75' SHALL BE #10 THHN.
3. LOCAL DISCONNECT SIZES SHALL BE BASED ON CIRCUIT BREAKER RATING/SIZE.

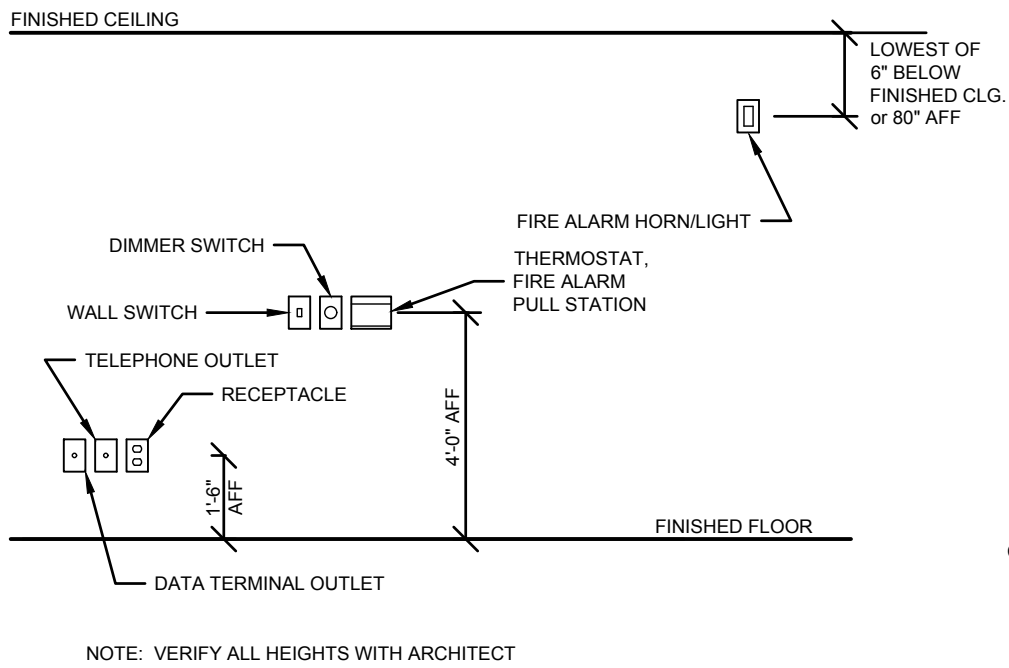
ELECTRICAL ABBREVIATIONS			
ABOVE COUNTER	AC	KILOVOLT	KV
ABOVE FINISHED FLOOR	AFF	KILOVOLT AMP	KVA
ALTERNATING CURRENT	AC	KILOWATT	KW
AMERICAN NATIONAL STANDARDS INSTITUTE	ANSI	KILOWATT HOUR	KWH
AMERICAN SOCIETY FOR TESTING AND MATERIALS	ASTM		
AMERICAN WIRE GAUGE	AWG	LIQUIDTIGHT FLEXIBLE METAL CONDUIT	LFMC
AMPERE	AMP	LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT	LFNC
AMPHOUR	AH	LOW VOLTAGE	LV
AMPERE INTERRUPTING CAPACITY	AIC	LUMEN	LM
ARC FAULT CIRCUIT INTERRUPTER	AFCI	LUMENS PER WATT	LPW
AUTHORITY HAVING JURISDICTION	AHJ		
AUTOMATIC TRANSFER SWITCH	ATS	MAIN CIRCUIT BREAKER	MCB
	BAT	MAIN LUGS ONLY	MLO
BATTERY	BAS		
BUILDING AUTOMATION SYSTEM	C	MINIMUM	MIN
	COAX	MINIMUM CIRCUIT AMPS	MCA
CEILING	CRI	MOTOR CONTROL CENTER	MCC
COAXIAL CABLE	COMM		
COLOR RENDERING INDEX	C	NATIONAL ELECTRICAL CODE	NEC
COMMUNICATIONS	CTRL	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION	NEMA
CONDUIT	CU	NATIONAL FIRE CODE	NFC
CONTROL	CT	NATIONAL FIRE PROTECTION ASSOCIATION	NFPA
COPPER		NOTIFICATION APPLIANCE CIRCUIT	NAC
CURRENT TRANSFORMER			
	dB	PANELBOARD	PB
DECIBEL (SOUND)	DEMO	PHASE	PH
DEMOLITION	DC	POLY VINYL CHLORIDE	PVC
DIRECT CURRENT	DPDT	POWER FACTOR	PF
DOUBLE POLE, DOUBLE THROW	DPST	PUBLIC ADDRESS	PA
ELECTRIC	ELEC	RECEPTACLE	RECEPT
ELECTRICAL METALLIC TUBING	EMT	RIGID GALVANIZED STEEL	RGS
ELECTRICAL NONMETALLIC TUBING	ENT	RIGID NONMETALLIC CONDUIT	RNC
FIRE ALARM ANNUNCIATOR PANEL	FAAP	SINGLE PHASE	1Ø
FIRE ALARM CONTROL PANEL	FACP	SINGLE POLE, DOUBLE THROW	SPDT
FLEXIBLE METALLIC CONDUIT	FMC	SINGLE POLE, SINGLE THROW	SPST
FOOTCANDLE	FC	SWITCHBOARD	SWBD
FULL LOAD AMPS	FLA		
	GA	THREE PHASE	3Ø
GAUGE	GND	TELEPHONE TERMINAL BOARD	TTB
GROUND	GFCI	UNINTERRUPTIBLE POWER SUPPLY	UPS
GROUND FAULT CIRCUIT INTERRUPTER	HP	VARIABLE FREQUENCY DRIVE	VFD
		VOLT, VOLTS, VOLTAGE	V
HORSEPOWER	IMC	VOLT AMPERE	VA
	IBC	WEATHERPROOF	WP
INTERMEDIATE METAL CONDUIT			
INTERNATIONAL BUILDING CODE			



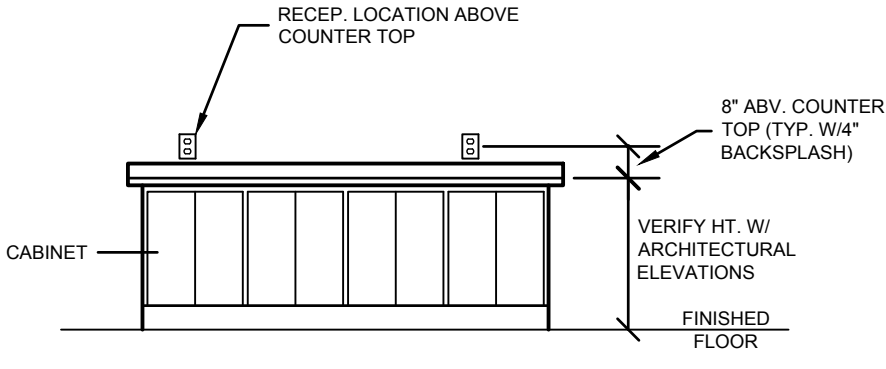
DOWNLIGHT DETAIL
NO SCALE



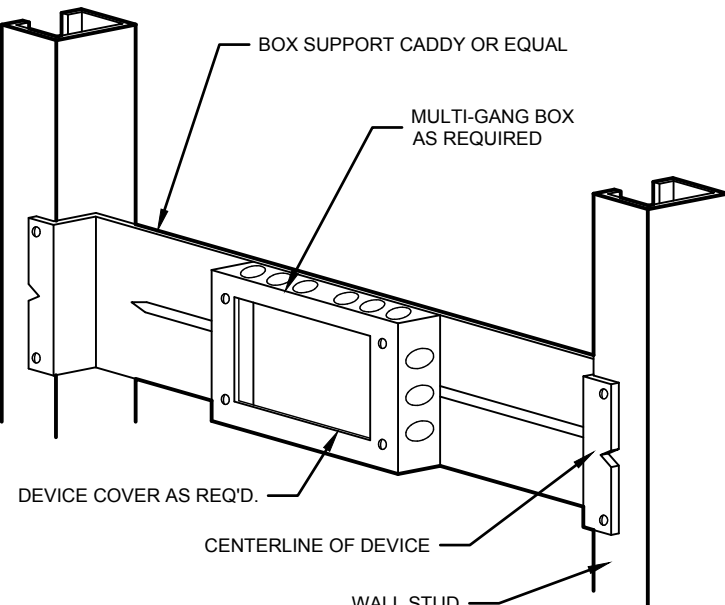
NOTE: TYPICAL FOR ALL LIGHT FIXTURES
LAY-IN LIGHT FIXTURE DETAIL
NO SCALE



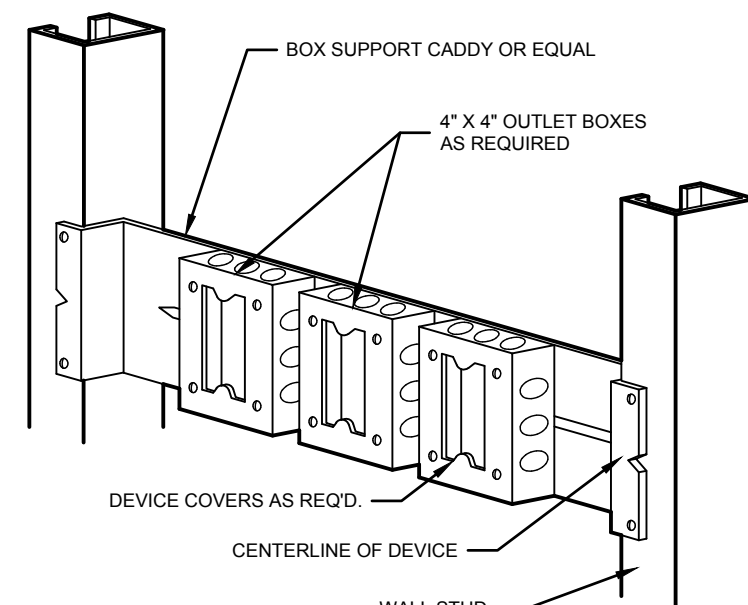
WIRING DEVICE MOUNTING HEIGHTS - TYPICAL
NO SCALE



WIRING DEVICE MOUNTING HEIGHT
NO SCALE



MULTI-GANG OUTLET BOX DETAIL
NO SCALE



MULTIPLE OUTLET BOX DETAIL
NO SCALE