

2800 S. MACGREGOR WAY  
HOUSTON, TEXAS 77021

## HARRIS COUNTY PSYCHIATRIC CENTER UNIT 1D AND 2B RENOVATION



PBK Project No. # 14265

UTHealth Project No. # HDMP 15-9

ARCHITECT



MEP



**ISSUE FOR CONSTRUCTION**

SEPTEMBER 16, 2015

ABBREVIATIONS LEGEND

ABBREVIATIONS WHEN USED IN COMPOSITION MAY INCLUDE PERIODS FOR CLARIFICATION

Table with 4 columns: Abbreviation, Description, Abbreviation, Description. Includes terms like ANCHOR BOLT, ACCESS PANEL, ACUSTICAL CEILING PANEL, etc.

SYMBOLS LEGEND

Table with 2 columns: SHEET NUMBER, CATEGORY NUMBER. Includes terms like DISCIPLINE LETTER, ARCHITECTURE, MECHANICAL, etc.

Table with 4 columns: Abbreviation, Description, Abbreviation, Description. Includes terms like ACID RESISTANT, ADMITTING, ANESTHESIOLOGY, ANGIOGRAPHY, etc.

MATERIALS

Table with 2 columns: Material Name, Symbol/Pattern. Includes COURSE POROUS FIL, SAND, CONCRETE, TERRAZZO, CUT STONE, BRICK MASONRY, etc.

GENERAL NOTES

- 1. NOTES APPEAR ON VARIOUS DRAWINGS FOR DIFFERENT SYSTEMS AND MATERIALS. REVIEW ALL SHEETS AND APPLY NOTES TO RELATED BUILDING COMPONENTS.
2. REFER TO COMPLETE SET OF ISSUED CONTRACT DOCUMENTS FOR OTHER APPLICABLE NOTES, ABBREVIATIONS, AND SYMBOLS.
3. WHERE MATERIALS ARE APPLIED TO, OR ARE IN DIRECT CONTACT WITH WORK INSTALLED BY ANOTHER SUBCONTRACTOR, COMMENTARY OF WORK IMPLIES ACCEPTANCE OF THE SUBSTRATE AS SUITABLE FOR THE APPLICATION INTENDED.
4. ISOLATE DISSIMILAR METALS TO PREVENT GALVANIC CORROSION.
5. PARTITION TYPES AND FIRE RESISTIVE RATINGS INDICATED ON A WALL ARE TO BE CONTINUOUS FOR THE LENGTH AND HEIGHT OF A PARTITION.
6. OPENINGS IN RATED WALL, FLOOR, CEILING AND ROOF ASSEMBLIES SHALL BE SEALED WITH PENETRATION SEALANT SYSTEMS MEETING OR EXCEEDING THE REQUIRED FIRE RESISTIVE RATINGS.
7. MAINTAIN THE FIRE RATING OF CONSTRUCTION AROUND CABINETS, PANELS, AND BOXES RECESSED IN FIRE RATED WALL, FLOOR, AND CEILING ASSEMBLIES.
8. PROVIDE CONTINUOUS PERIMETER FIRE SEALING BETWEEN FIRE RATING OF THE INSTALLATION WITH THE EXTERIOR WALL. FIRE RATING OF SEALING SHALL MATCH FIRE RATING OF FLOOR CONSTRUCTION.
9. DO NOT SCALE THE DRAWINGS.
10. FIELD MEASURE AND CONFIRM DIMENSIONS FOR OWNER PROVIDED EQUIPMENT AND FURNISHINGS.
11. PROVIDE STIFFENERS, BRACING, BACKING PLATES AND BLOCKING REQUIRED FOR SECURE INSTALLATION OF TOILET PARTITIONS, DOORS AND DOOR HARDWARE INCLUDING WALL MOUNTED DOOR STOPS, HANDRAILS, WALL MOUNTED SHELVES, OPERABLE PARTITIONS, MISCELLANEOUS EQUIPMENT, AND SUSPENDED MECHANICAL AND ELECTRICAL EQUIPMENT.
12. COORDINATE ALL BASE AND HOUSEKEEPING PADS WITH MECHANICAL, PLUMBING AND ELECTRICAL EQUIPMENT.
13. LOCATE ACCESS PANELS AS INDICATED ON DRAWINGS. FOR ACCESS PANELS NOT SHOWN BUT REQUIRED BY PROVISIONS OF THE CONTRACT DOCUMENTS, LOCATE IN ACCORDANCE WITH APPLICABLE CODES. SUBMIT PROPOSED LOCATIONS TO THE ARCHITECT FOR REVIEW AND ACCEPTANCE PRIOR TO INSTALLATION.
14. DO NOT REDUCE THE WIDTH OF PUBLIC CORRIDORS.
15. FULLY LAY OUT GRID, WALL, AND OPENING PLACEMENT IN AN AREA PRIOR TO START OF PARTITION CONSTRUCTION. VERIFY THAT DIMENSIONS ARE CONSISTENT WITH REQUIREMENTS INDICATED IN THE DOCUMENTS. REFER ANY DIMENSIONAL INCONSISTENCIES TO THE ARCHITECT FOR RESOLUTION PRIOR TO THE START OF PARTITION CONSTRUCTION.
16. FINISH FLOOR ELEVATIONS ARE TO TOP OF HORIZONTAL SHEATHING UNLESS OTHERWISE NOTED.
17. LEVEL FLOOR THAT EXCEEDS 1/4" VARIANCE IN A 10' 0" RADII.
18. COORDINATE EXACT SIZE AND PLACEMENT OF EQUIPMENT BASE AND HOUSEKEEPING PADS WITH EQUIPMENT TO BE PROVIDED.
19. COORDINATE INSTALLATION OF DIFFUSERS, SPEAKERS, SPRINKLER HEADS, AND ACCESS PANELS WITH LIGHTING LAYOUT. REPORT ANY CONFLICTS TO THE ARCHITECT PRIOR TO INSTALLATION.
20. EXIT SIGNS AND SMOKE DETECTORS LOCATED IN HARD CEILINGS SHALL BE POSITIONED AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION, AND SHALL BE CENTERED IN CORRIDORS AND LOCATED AT A DISTANCE OF 1' 0" FROM THE WALL TO THE CENTER OF THE FIXTURE UNLESS OTHERWISE NOTED.
21. PROVIDE TAMPER PROOF AND/OR LOCKABLE ACCESS PANELS IN GYPSUM BOARD CEILINGS AT LOCATIONS SHOWN, OR IF NOT SHOWN, AS REQUIRED TO ACCESS ALL MECHANICAL EQUIPMENT IN THE CEILING CAVITY REQUIRING NORMAL MAINTENANCE OR OPERATION, INCLUDING BUT NOT LIMITED TO CONSTANT AIR, OR VARIABLE AIR VOLUME BOXES, REHEAT COILS, VALVES, EXHAUST FANS, BALANCING DAMPERS, FIRE DAMPERS, SMOKE DAMPERS, FIRE SMOKE DETECTORS, CLEAN AIR, OR IF NOT SHOWN, AS REQUIRED TO ACCESS ALL MECHANICAL EQUIPMENT AND JUNCTION BOXES. SUBMIT LAYOUT OF ALL REQUIRED CEILING ELEMENTS, INCLUDING ACCESS PANELS, FOR ARCHITECT'S REVIEW PRIOR TO INSTALLATION. LOCATE EQUIPMENT AND VALVES TO MINIMIZE THE NEED FOR ACCESS PANELS.
22. GANG MULTIPLE SWITCHES TOGETHER INTO ONE BOX WITH A SINGLE COVER PLATE WHENEVER POSSIBLE. MULTIPLE SWITCHES, WHICH CANNOT BE GANGED TOGETHER IN THE SAME BOX, SHALL BE LOCATED AS CLOSE TOGETHER AS POSSIBLE AND MOUNTED AT THE SAME HEIGHT.
23. APPROVE FLOOR OUTLET LOCATIONS WITH ARCHITECT AND BUILDING MANAGEMENT PRIOR TO CORE DRILLING.
24. WALL OUTLETS SHALL BE INSTALLED AT 18" AFF AND INSTALL SWITCH PLATES AT 44" AFF UNLESS OTHERWISE NOTED.
25. DO NOT INSTALL OUTLETS OR J-BOXES BACK TO BACK ON OPPOSITE SIDES OF WALL. BOXES MUST BE SEPARATED BY A STUD.
26. CAULK FLOOR AND WALL OUTLETS WITH AN ACOUSTIC SEALANT.

PARTITION & DOOR NOTES

- 1. PARTITIONS LOCATED BY DIMENSION STRINGS ARE DIMENSIONED TO THE FINISHED FACE OF THE WALL UNLESS NOTED OTHERWISE.
2. FOR THE INTERIOR WALL CONSTRUCTION COMPLY WITH IBC 2006 SECTION 803 AND 804.
3. PARTITIONS NOT DIMENSIONED ARE GENERALLY LOCATED BY ONE OF THE FOLLOWING CRITERIA:
- CENTERLINE - CENTER OF PARTITION ALIGNS WITH THE CENTER OF GRIDLINE OR OBJECT CENTERLINE (SUCH AS A COLUMN OR WINDOW MULLION). CENTER THE OVERALL PARTITION WIDTH, RATHER THAN STUD WIDTH ON THE LINE.
- ALIGN - LOCATE PARTITION FLUSH WITH FACE OF GYPSUM BOARD, OR OTHER SURFACE INDICATED.
- MAINTAIN DIMENSIONS NOTED AS "MINIMUM OR CLEAR".
1. DOOR OPENINGS ARE DIMENSIONED TO EDGE OF OPENING. IF NOT DIMENSIONED, THE HINGE SIDE OF DOOR JAMBS SHALL BE SPACED 4" FROM THE ADJACENT WALL.

INDEX OF DRAWINGS 1

Table with 10 columns: SHEET NUMBER, SHEET NAME, ISSUE FOR CONSTRUCTION, ISSUE DATE 2, ISSUE DATE 3, ISSUE DATE 4, ISSUE DATE 5, ISSUE DATE 6, ISSUE DATE 7, ISSUE DATE 8. Includes sections like 00 General, 01 Life Safety, 02 Demolition, 03 Architectural, 04 Interior, 07 Electrical, 08 Plumbing, 10 Fire Protection.



11 Greenway Plaza, 22nd Floor
Houston, TX 77046
713-965-0608 P
713-961-4571 F
Texas Registered Engineering Firm: F-3709
In Association with:
MEP:
Shah Smith & Associates, Inc.
2825 Wilcrest, Suite #550
Houston, Texas 77066
713-780-7563 P
713-780-6209
Texas Registered Engineering Firm: F-2113

HARRIS COUNTY PSYCHIATRIC CENTER UNIT 1D AND 2B RENOVATION

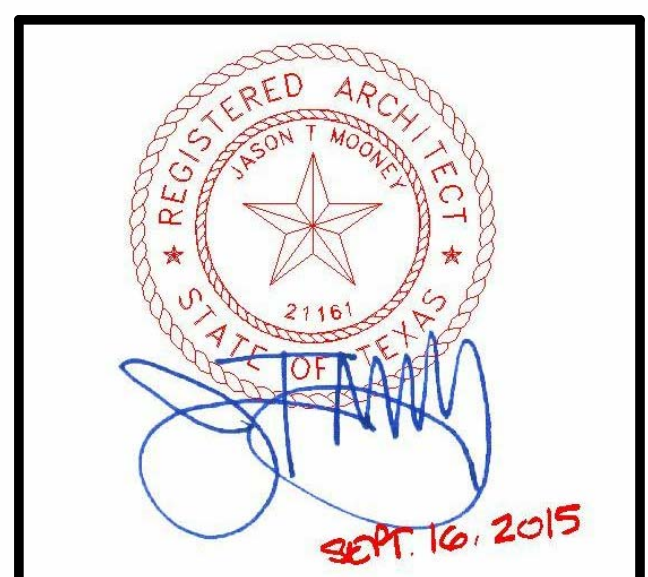
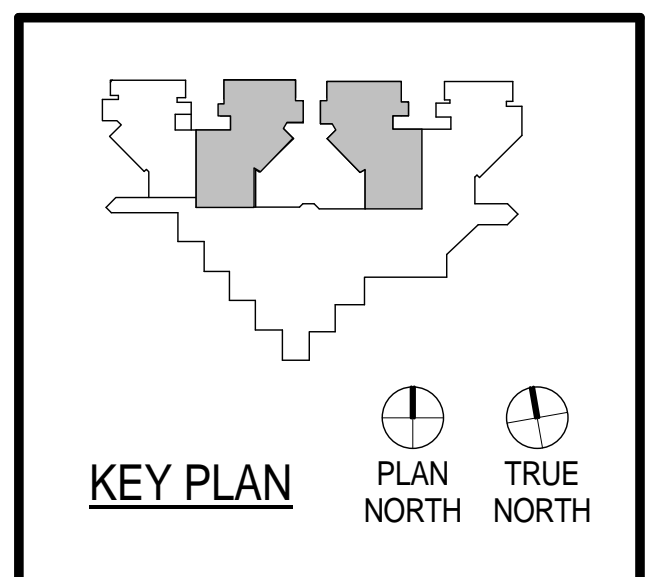


Table with 3 columns: No., Description, Date. Includes PROJECT NUMBER 14265, DATE SEPTEMBER 16, 2015, DRAWN BY VG, CHECKED BY JM.

INDEX OF DRAWINGS, ABBREVIATIONS AND SYMBOLS

G-001

**HARRIS COUNTY  
PSYCHIATRIC CENTER UNIT  
1D AND 2B RENOVATIONS**

**LIFE SAFETY GENERAL NOTES**

1. THESE DOCUMENTS WERE PREPARED USING NFPA 101 LIFE SAFETY CODE, 200 EDITION AS WELL AS WITH THE INTERPRETATION OF THE IUT ENVIRONMENTAL HEALTH AND SAFETY PERSONNEL ACTING AS THE AUTHORITY HAVING JURISDICTION FOR THIS FACILITY.
2. EXISTING WALLS SHOWN WITH NEW LIFE SAFETY RATINGS ARE TO BE UPGRADED TO THE NEW RATING. THE UPGRADE INCLUDES PROTECTING ALL OPENINGS IN THE PARTITION.
3. THESE DRAWINGS WERE DEVELOPED FROM EXISTING DRAWINGS PROVIDED BY THE OWNER.
4. DOORS IN CORRIDORS PARTITIONS SHALL BE UPGRADED TO RESIST THE PASSAGE OF SMOKE.
5. CONTRACTOR TO VERIFY THAT ALL EXISTING DOORS IN A RATED WALL ARE LABELED WITH THE APPROPRIATE RATING WITHIN THE SMOKE COMPARTMENTS THAT ARE WITH THE SCOPE OF THIS WORK. CONTRACTOR ALSO TO VERIFY THAT ALL EXISTING WALLS WITHIN MODIFIED SMOKE COMPARTMENTS THAT ARE LABELED AS FIRE RATED OR SMOKE TIGHT MEET THE REQUIREMENTS OF THE LABELING.

**LIFE SAFETY PLAN DATA FOR LEVEL 1**

FROM ANY POINT IN A ROOM  
GREATEST TRAVEL DISTANCE TO AN EXIT  
199'-08" SHOWN - 200'-0" ALLOWED  
MINIMUM NUMBER OF EXITS REQUIRED  
2 PROVIDED - 2 REQUIRED  
MAXIMUM DEAD LENGTH  
15' SHOWN - 30' MAXIMUM

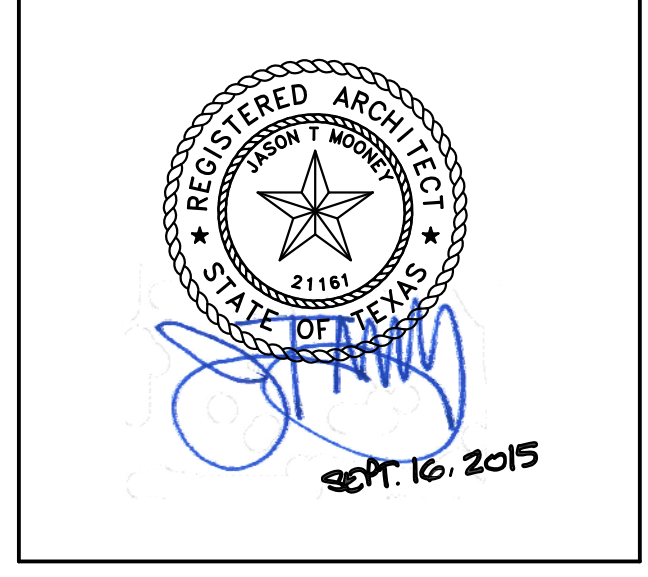
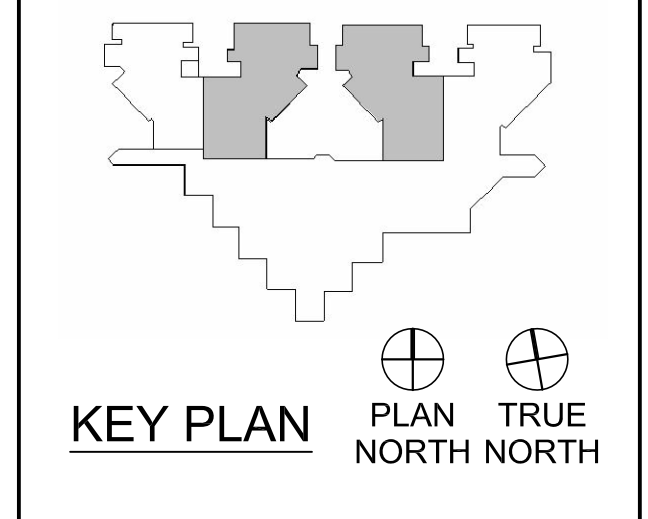
**LIFE SAFETY SMOKE COMPARTMENT DATA**

**FOR LEVEL 1**

- SMOKE COMPARTMENT 1:**  
TOTAL SMOKE COMPARTMENT SQUARE FOOTAGE:  
6,141.05 SQFT (22,500 SQFT MAXIMUM ALLOWED)  
GREATEST TRAVEL DISTANCE TO AN EXIT:  
178'-02" SHOWN - 200'-0" ALLOWED
- SMOKE COMPARTMENT 2:**  
TOTAL SMOKE COMPARTMENT SQUARE FOOTAGE:  
14,906.62 SQFT (22,500 SQFT MAXIMUM ALLOWED)  
GREATEST TRAVEL DISTANCE TO AN EXIT:  
199'-08" SHOWN - 200'-0" ALLOWED
- SMOKE COMPARTMENT 3:**  
TOTAL SMOKE COMPARTMENT SQUARE FOOTAGE:  
6,216.91 SQFT (22,500 SQFT MAXIMUM ALLOWED)  
GREATEST TRAVEL DISTANCE TO AN EXIT:  
112'-01" SHOWN - 200'-0" ALLOWED
- SMOKE COMPARTMENT 4:**  
TOTAL SMOKE COMPARTMENT SQUARE FOOTAGE:  
4,461.59 SQFT (22,500 SQFT MAXIMUM ALLOWED)  
GREATEST TRAVEL DISTANCE TO AN EXIT:  
118'-06" SHOWN - 200'-0" ALLOWED
- SMOKE COMPARTMENT 5:**  
TOTAL SMOKE COMPARTMENT SQUARE FOOTAGE:  
6,393.68 SQFT (22,500 SQFT MAXIMUM ALLOWED)  
GREATEST TRAVEL DISTANCE TO AN EXIT:  
101'-08" SHOWN - 200'-0" ALLOWED
- SMOKE COMPARTMENT 6:**  
TOTAL SMOKE COMPARTMENT SQUARE FOOTAGE:  
6,222.35 SQFT (22,500 SQFT MAXIMUM ALLOWED)  
GREATEST TRAVEL DISTANCE TO AN EXIT:  
110'-05" SHOWN - 200'-0" ALLOWED
- SMOKE COMPARTMENT 7:**  
TOTAL SMOKE COMPARTMENT SQUARE FOOTAGE:  
11,540.35 SQFT (22,500 SQFT MAXIMUM ALLOWED)  
GREATEST TRAVEL DISTANCE TO AN EXIT:  
197'-03" SHOWN - 200'-0" ALLOWED
- SMOKE COMPARTMENT 9:**  
TOTAL SMOKE COMPARTMENT SQUARE FOOTAGE:  
1,893.16 SQFT (22,500 SQFT MAXIMUM ALLOWED)  
GREATEST TRAVEL DISTANCE TO AN EXIT:  
85'-02" SHOWN - 200'-0" ALLOWED

**LIFE SAFETY LEGEND**

- SB SB SMOKE BARRIER (SB)/1hr
- 2SB 2SB SMOKE BARRIER (SB)/2hr
- 1FP 1FP FIRE PARTITION (FP)/1hr
- 1FB 1FB FIRE BARRIER (FB)/1hr
- 2FB 2FB FIRE BARRIER (FB)/2hr
- 2FW 2FW FIRE WALL (FW)/2hr
- 2HR OCC 2 HR OCCUPANCY SEPARATION
- PARTITION
- EXIT LOCATION
- FIRE RATING OF DOOR IN MINUTES
- LONGEST ROUTE TO AN EXIT
- EGRESS CORRIDORS ARE INDICATED CORRIDOR WALLS
- HAZARDOUS AREA



PROJECT NUMBER 14239  
DATE 09/16/2015  
DRAWN BY VG  
CHECKED BY JM  
REVISIONS

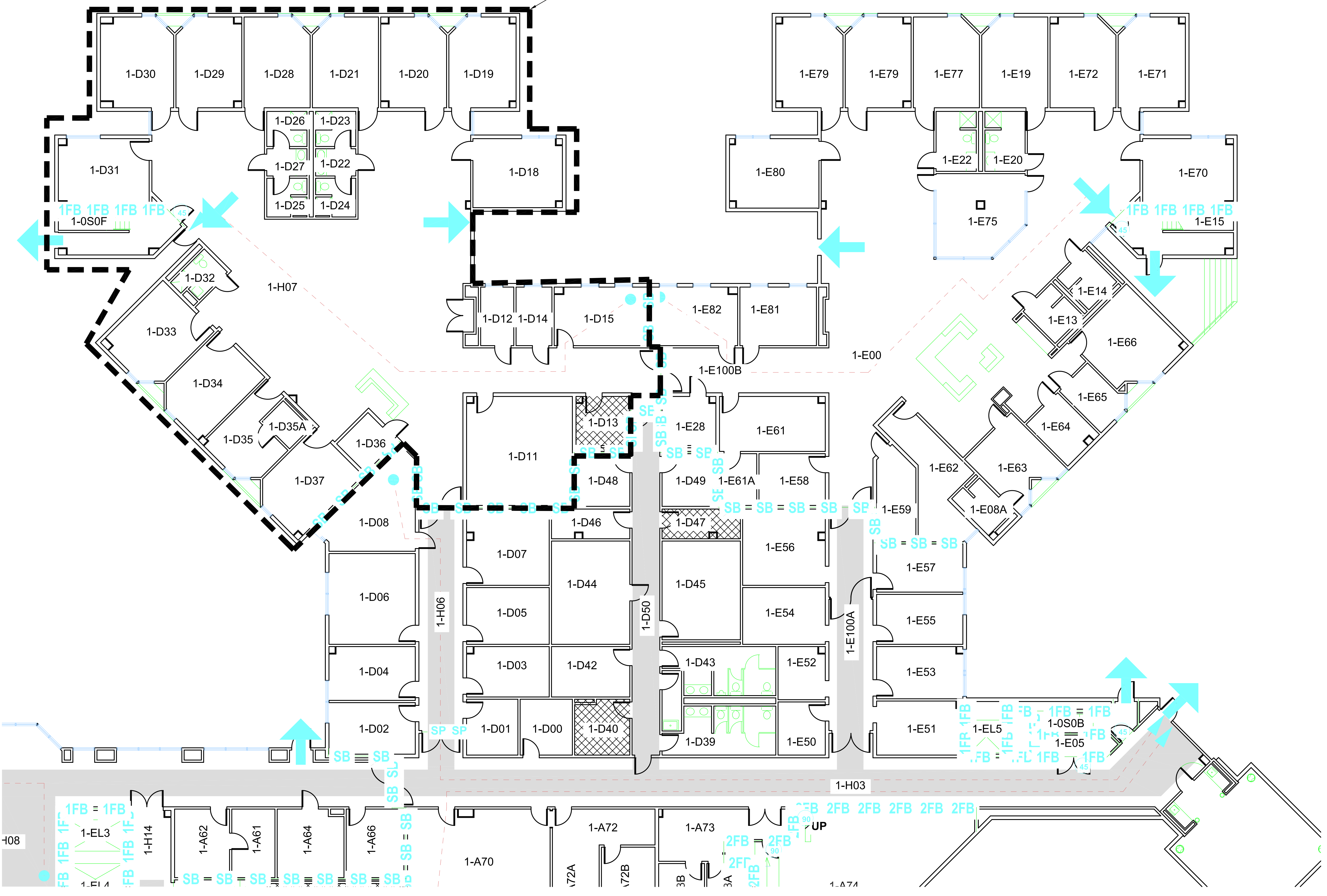
No.	Description	Date

100% ISSUE FOR CONSTRUCTION

**UNIT 1D  
CODE  
COMPLIANCE  
DIAGRAMS**

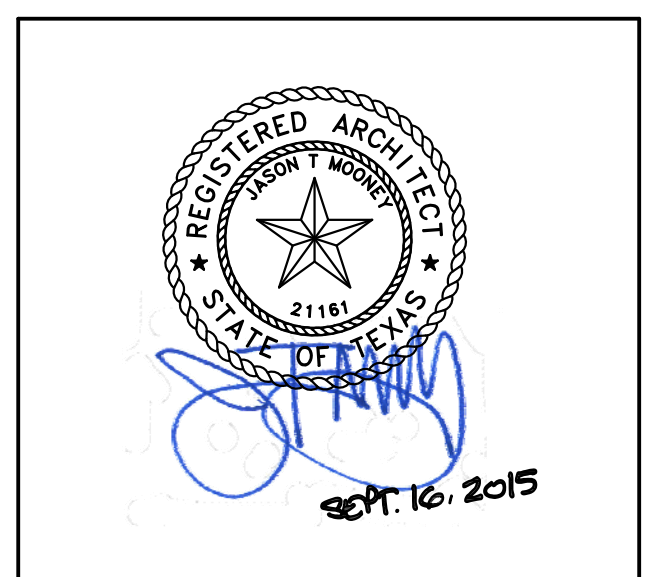
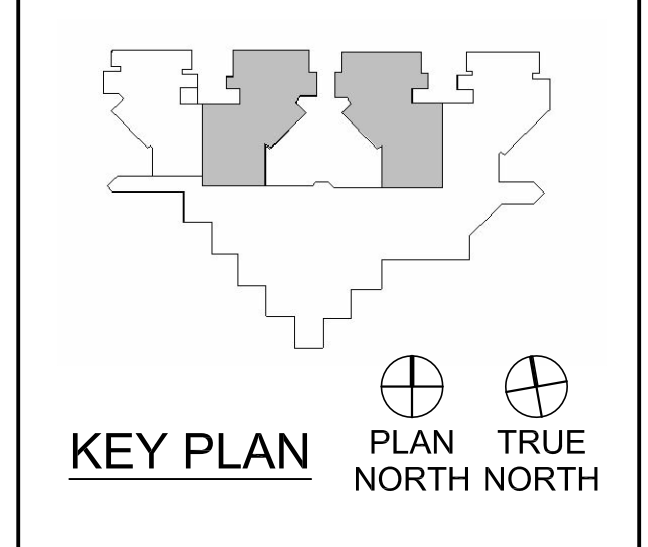
**LS-011**

SCOPE OF WORK



**A1 LIFE SAFETY PLAN - LEVEL 1**  
1/8" = 1'-0"

**HARRIS COUNTY  
PSYCHIATRIC CENTER UNIT  
1D AND 2B RENOVATIONS**



PROJECT NUMBER	14239	
DATE	09/16/2015	
DRAWN BY	VG	
CHECKED BY	JM	
REVISIONS		
No.	Description	Date

100% ISSUE FOR CONSTRUCTION  
**UNIT 2B  
CODE  
COMPLIANCE  
DIAGRAMS**  
**LS-012**

**LIFE SAFETY GENERAL NOTES**

- THESE DOCUMENTS WERE PREPARED USING NFPA 101 LIFE SAFETY CODE, 2009 EDITION AS WELL AS WITH THE INTERPRETATION OF THE UT ENVIRONMENTAL, HEALTH AND SAFETY PERSONNEL ACTING AS THE AUTHORITY HAVING JURISDICTION FOR THIS FACILITY.
- EXISTING WALLS SHOWN WITH NEW LIFE SAFETY RATINGS ARE TO BE UPGRATED TO THE NEW RATINGS, THE UPGRADING INCLUDES PROTECTING ALL OPENINGS IN THE PARTITION.
- THESE DRAWINGS WERE DEVELOPED FROM EXISTING DRAWINGS PROVIDED BY THE OWNER.
- DOORS IN CORRIDORS PARTITIONS SHALL BE UPGRATED TO RESIST THE PASSAGE OF SMOKE.
- CONTRACTOR TO VERIFY THAT ALL EXISTING DOORS IN A RATED WALL ARE LABELED WITH THE APPROPRIATE RATING WITHIN THE SMOKE COMPARTMENTS THAT ARE WITH THE SCOPE OF THIS WORK. CONTRACTOR ALSO TO VERIFY THAT ALL EXISTING WALLS WITHIN MODIFIED SMOKE COMPARTMENTS THAT ARE LABELED AS FIRE RATED OR SMOKE TIGHT MEET THE REQUIREMENTS OF THE LABELING.

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MINIMUM NUMBER OF EXITS REQUIRED  
2 PROVIDED - 2 REQUIRED  
MAXIMUM DEAD LENGTH  
15' SHOWN - 30' MAXIMUM

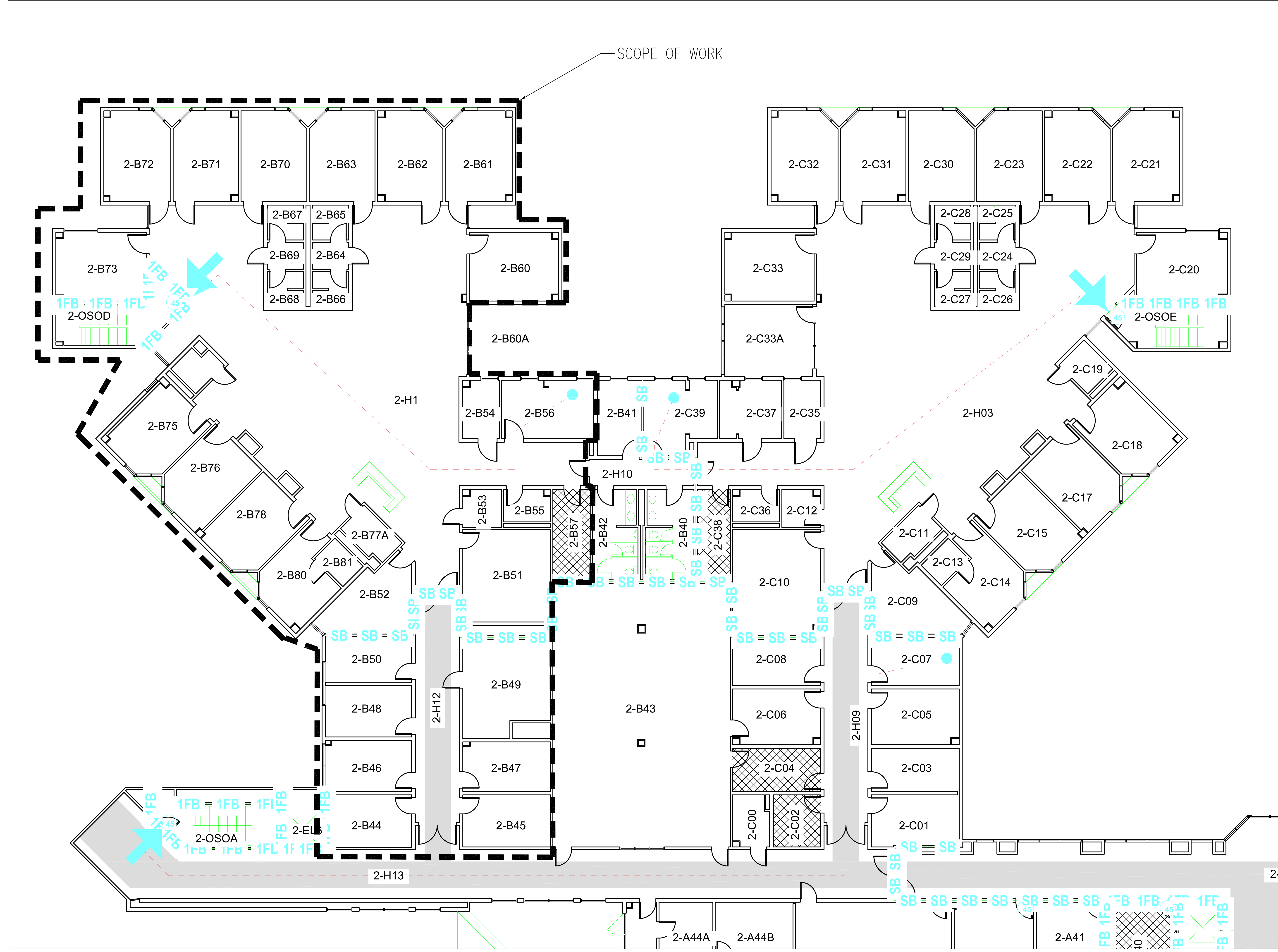
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- SMOKE COMPARTMENT 9:**  
TOTAL SMOKE COMPARTMENT SQUARE FOOTAGE:  
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GREATEST TRAVEL DISTANCE TO AN EXIT:  
85'-02" SHOWN - 200'-0" ALLOWED

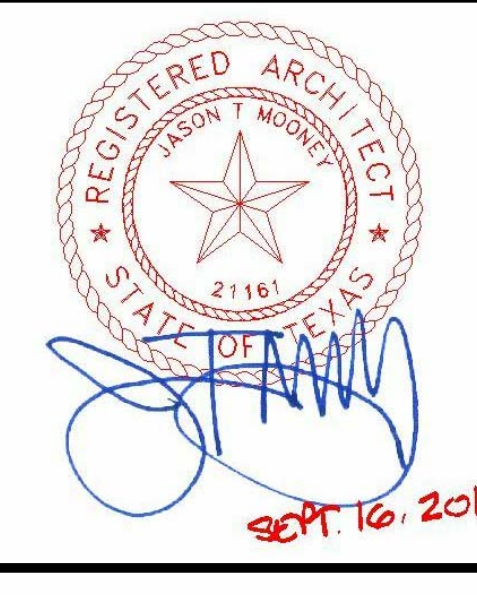
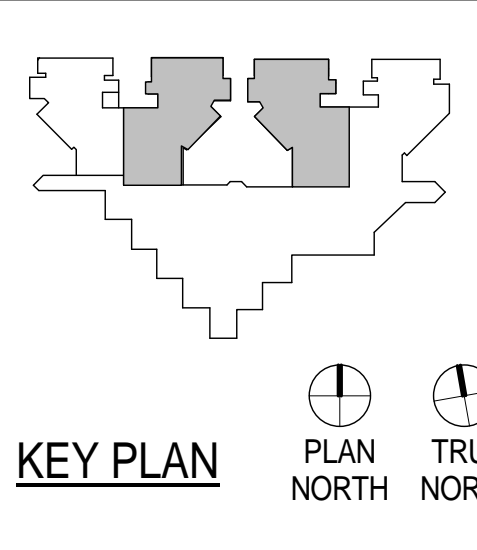
**LIFE SAFETY LEGEND**

- SB SB SMOKE BARRIER (SB)/1hr
- 2SB 2SB SMOKE BARRIER (SB)/2hr
- 1FP 1FP FIRE PARTITION (FP)/1hr
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- PARTITION
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- LONGEST ROUTE TO AN EXIT
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- HAZARDOUS AREA

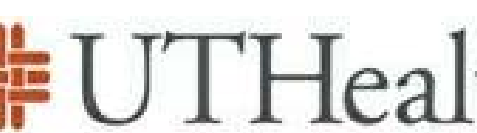


**A1 LIFE SAFETY PLAN - LEVEL 2**  
1/8" = 1'-0"

**HARRIS COUNTY  
PSYCHIATRIC CENTER UNIT  
1D AND 2B RENOVATION**



CLIENT



PROJECT NUMBER 14265  
DATE SEPTEMBER 16, 2015  
DRAWN BY VG  
CHECKED BY JM

No.	Description	Date

ISSUE FOR CONSTRUCTION

**UNIT 1D DEMO PLAN  
& DEMO REFLECTED  
CEILING PLAN**

AD-101

**GENERAL DEMOLITION NOTES:**

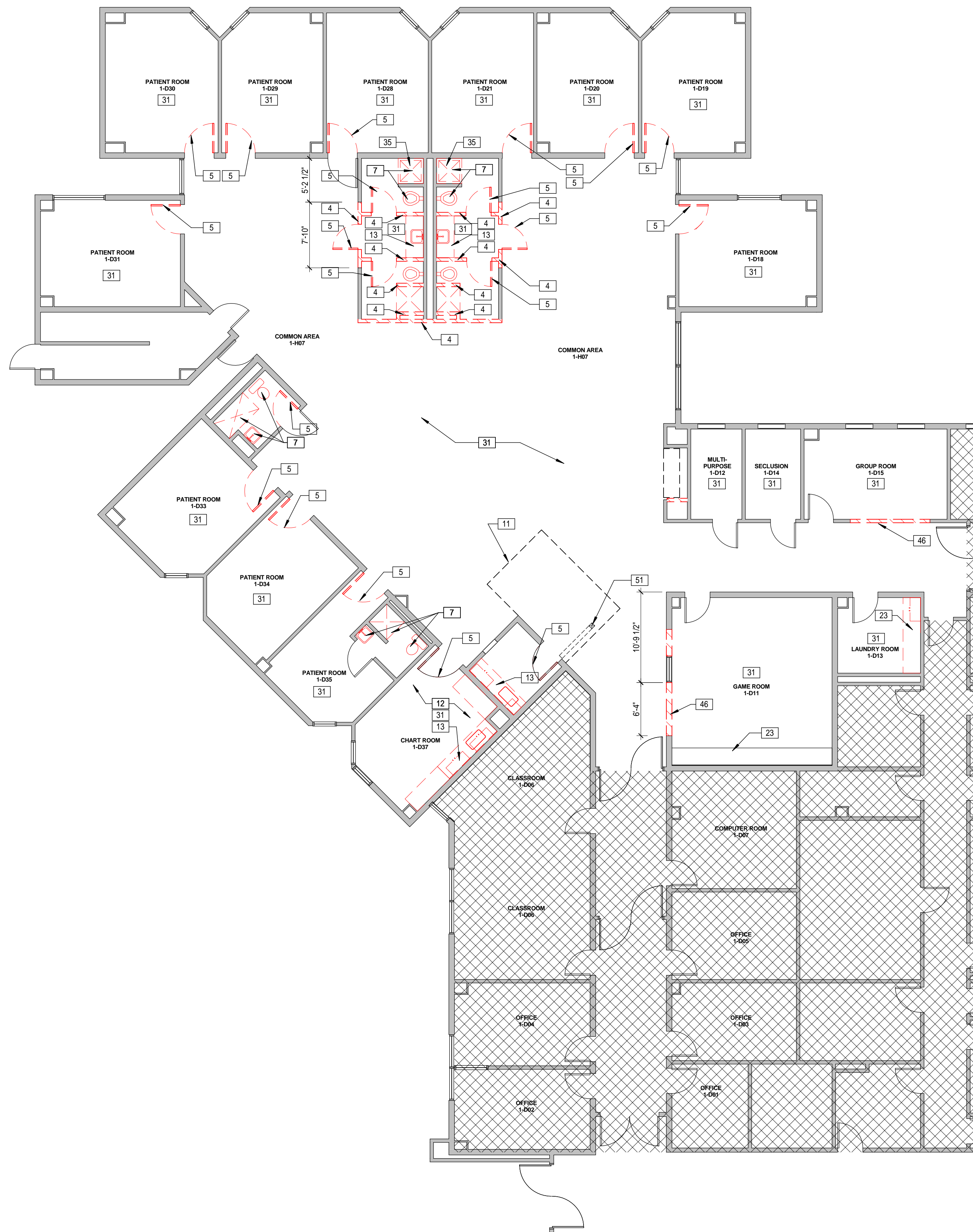
- VERIFY EXISTING BUILDING CONDITIONS AND DIMENSIONS IN FIELD PRIOR TO BIDDING. DO NOT SCALE DRAWINGS. NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO BIDDING.
- WARNING - MANY ROOMS HAVE DOUBLE EXISTING CEILINGS, DRYWALL SUB-CEILINGS TO REMAIN. VERIFY WITH THE OWNER THE AREA DURING THE INITIAL WALKTHRU.
- CLAIMS FOR ADDITIONAL COST OR TIME DUE TO EXISTING CONDITIONS THAT COULD HAVE BEEN REASONABLY ANTICIPATED DURING A SITE VISIT BY THE CONTRACTOR PRIOR TO BIDDING WILL NOT BE APPROVED.
- PROTECT EXISTING FINISHES DURING CONSTRUCTION TO PREVENT DAMAGE. REPAIR OR REPLACE DAMAGED MATERIALS AND FINISHES TO MATCH EXISTING AT NO COST TO THE OWNER.
- EXISTING AREAS REQUIRING MINOR DEMOLITION OR REPAIR FOR EXECUTION OF WORK SHALL BE REPAIRED TO MATCH EXISTING ADJACENT MATERIALS, UNLESS NOTED OTHERWISE.
- CONTRACTOR TO VERIFY LOCATION OF ALL ELECTRICAL SWITCHES, OUTLETS, GRILLES, CLEAN - OUTS, COVER PLATES, ACCESS DOORS, LIGHTS, EXIT LIGHTS, SPEAKERS, CAMERAS AND FIRE STROBES AND OTHER EQUIPMENT AND DEVICES THAT MAY CONFLICT WITH THE RENOVATION AND NEW CONSTRUCTION CEILINGS PRIOR TO COMMENCEMENT OF WORK.
- DO NOT DAMAGE CASEWORK NOT DESIGNATED TO BE RELOCATED. THIS CASEWORK SHALL REMAIN THE PROPERTY OF THE OWNER DURING THE DEMOLITION. NEW CONSTRUCTION SHALL HAVE HARD TYPE PROTECTION, COORDINATE WITH OWNER.
- ALL DEVICES MOUNTED WITHIN THE CEILING OF DEMOLISHED AREAS SHALL BE REMOVED AND SALVAGED FOR RE-USE OR TURN OVER TO THE OWNER.
- REUSE OF SALVAGE ITEMS SHALL BE CONSISTENT WITH INSTRUCTION IN OTHER AREAS OF THE CONTRACT DOCUMENTS.
- PATCH AND REPAIR ALL FLOORS AND WALLS IN THE UNIT RELATED TO THE UNDER FLOOR PLUMBING WORK.
- SAW CUT METHOD UTILIZATION INTO THE SELECTIVE DEMOLITION SPECIFICATION.
- REFER TO HCP's INTERIM LIFE SAFETY MEASURES (ILSM) AND SPECIAL CONDITIONS.
- REMOVE ALL CARPET FROM WALLS IN UNIT. PATCH WALLS AS NECESSARY TO RECEIVE NEW FINISH.
- CEILING - BASE PRICING: REMOVE ALL EXISTING GRID CEILINGS AND TILE WHERE NOTED. LEAVE EXISTING HARD CEILINGS. REPLACE LIGHT FIXTURES THROUGHOUT.
- DOOR - BASE PRICING: REMOVE DOORS AT PATIENT ROOMS THAT SWING IN AND RELOCATE TO SWING OUT USING THE EXISTING FRAME IN PLACE. NOTE: SHOULD INCLUDE LABOR TO REPAIR METAL FRAME AND DOORS AT THE EXISTING HARDWARE LOCATION AND TO REPLACE THE HINGE WITH A NEW PIANO HINGE.

**DEMOLITION LEGEND**

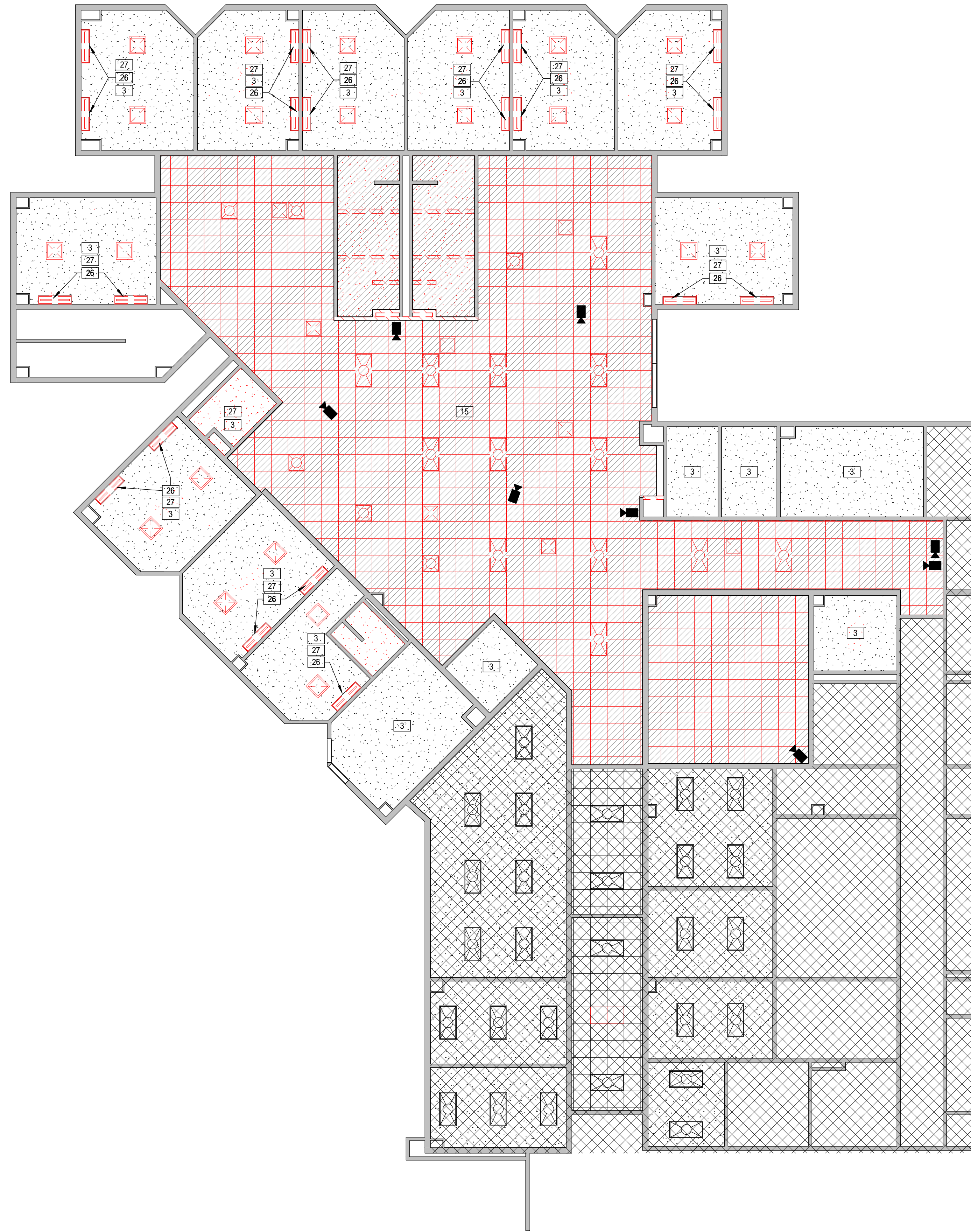
- EXISTING WALL TO REMAIN
- WALL TO BE DEMOLISHED
- DOOR TO BE DEMOLISHED
- LIMIT OF WORK LINE
- EXISTING PARTITION TO REMAIN
- THIS HATCH INDICATES AREA OF EXISTING CEILING AND LIGHTING TO BE REMOVED. WHILE HATCH SHOWS EXTENSIVE DEMO, REFER & COORDINATE WITH MEP DOCUMENTS ON EXTENT OF DEMO.
- 2x2 EXISTING ACOUSTICAL CEILING PANELS
- EXISTING GYPSUM BOARD CEILING
- EXISTING CEILING MOUNTED SPEAKER
- EXISTING SECURITY CAMERA
- EXISTING EXIT LIGHT
- EXISTING 1X4 LIGHT FIXTURE
- EXISTING 2X4 LIGHT FIXTURE
- EXISTING 2X2 LIGHT FIXTURE
- SCOPE OF WORK
- NOT PART OF SCOPE OF WORK
- ONLY FISK ELECTRIC TO REMOVE EXISTING CAMERAS PRIOR TO DEMOLITION AND STORE DEVICES WITHIN HCP'S OR REMOTE LOCATION AS COORDINATED WITH OWNER. FISK ELECTRIC TO REINSTALL CAMERAS AT COMPLETION OF PROJECT

**Keynote Legend**

Key Value	Keynote Text
3	EXISTING CEILING TO REMAIN, REPLACE EXISTING LIGHT FIXTURES WITH NEW FIXTURES; RE: MEP DRAWINGS
4	DEMOLISH WALL AND ALL WALL MOUNTED EQUIPMENT AND UTILITIES
5	REMOVE AND REUSE DOOR, HARDWARE AND FRAME
7	DEMOLISH ALL FIXTURES
11	REMOVE EXISTING NURSE STATION. DISPOSAL TO BE COORDINATED WITH OWNER.
12	REMOVE ALL WALL MOUNTED ITEMS, STORE FOR REUSE
13	REMOVE MILLWORK AND SINK; CAP FOR NEW SINK AND PREPARE WALL TO RECEIVE NEW MILLWORK OR FINISH AS SPECIFIED
15	REMOVE EXISTING LAY IN CEILING AND GRID LEAVING EXISTING DRYWALL CEILING ABOVE LAY IN CEILING. ALL LIGHT FIXTURES AND CEILING MOUNTED DEVICES SHOULD BE REMOVED AND RELOCATED/REPLACED PER MEP DRAWINGS. MATCH THE NEW CEILING GRID TO THE EXISTING GRIDS HEIGHT.
23	DEMOLISH COUNTERTOP AND CABINETRY
26	REMOVE EXISTING LIGHT FIXTURE. TURN OVER TO OWNER FOR RE-USE.
27	REMOVE ELEC/DATA BACK TO CEILING TO RUN IN NEW RACEWAY (SURFACE)
31	REMOVE EXISTING FLOORING AND BASE. PREP FOR NEW FLOORING AND BASE.
35	REMOVE TILE BACK TO WATER RESISTANT SUBSTRATE, PREP FOR NEW FINISH.
46	CREATE OPENING FOR NEW WINDOW INSTALLATION
51	PROVIDE TRENCH IN EXISTING FLOOR SLAB LARGE ENOUGH TO ACCOMMODATE CONDUITS HOLDING 8 EA CAT-6 CABLING; TRENCH TO RUN FROM EXISTING PARTITION TO LOCATION OF NEW NURSE STATION; COORDINATE FINAL SIZE AND LOCATION IN FIELD WITH OWNER AND WITH EXISTING CONDITIONS.

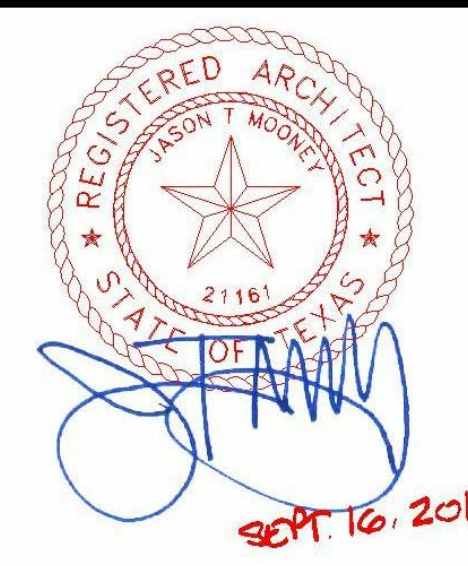
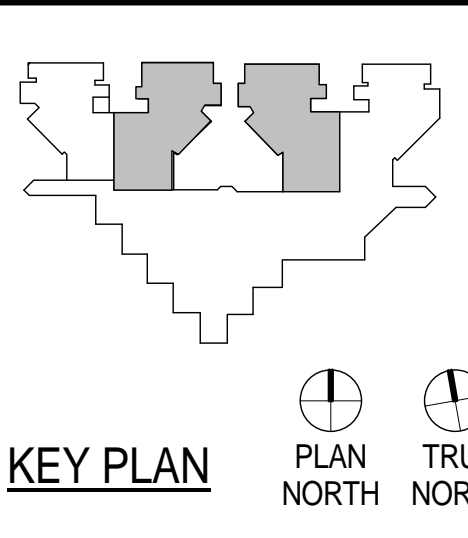


**1** UNIT 1D DEMOLITION PLAN  
1/8" = 1'-0"

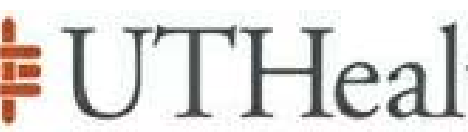


**2** UNIT 1D REFLECTED CEILING DEMOLITION PLAN  
1/8" = 1'-0"

**HARRIS COUNTY  
PSYCHIATRIC CENTER UNIT  
1D AND 2B RENOVATION**



CLIENT



PROJECT NUMBER 14265  
DATE SEPTEMBER 16, 2015  
DRAWN BY VG  
CHECKED BY JM  
REVISIONS

No.	Description	Date

ISSUE FOR CONSTRUCTION

**UNIT 2B DEMO PLAN  
& DEMO REFLECTED  
CEILING PLAN**

AD-102

**GENERAL DEMOLITION NOTES:**

- VERIFY EXISTING BUILDING CONDITIONS AND DIMENSIONS IN FIELD PRIOR TO BIDDING. DO NOT SCALE DRAWINGS. NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO BIDDING.
- WARNING: MANY ROOMS HAVE DOUBLE EXISTING CEILINGS, DRYWALL SUB-CEILINGS TO REMAIN. VERIFY WITH THE OWNER THE AREA DURING THE INITIAL WALK-THRU.
- CLAIMS FOR ADDITIONAL COST OR TIME DUE TO EXISTING CONDITIONS THAT COULD HAVE BEEN REASONABLY ANTICIPATED DURING A SITE VISIT BY THE CONTRACTOR PRIOR TO BIDDING WILL NOT BE APPROVED.
- PROTECT EXISTING FINISHES DURING CONSTRUCTION TO PREVENT DAMAGE. REPAIR OR REPLACE DAMAGED MATERIALS AND FINISHES TO MATCH EXISTING AT NO COST TO THE OWNER.
- EXISTING AREAS REQUIRING MINOR DEMOLITION OR REPAIR FOR EXECUTION OF WORK SHALL BE REPAIRED TO MATCH EXISTING ADJACENT MATERIALS, UNLESS NOTED OTHERWISE.
- CONTRACTOR TO VERIFY LOCATION OF ALL ELECTRICAL SWITCHES, OUTLETS, GRILLES, CLEAN-OUTS, COVER PLATES, ACCESS DOORS, LIGHTS, EXIT LIGHTS, SPEAKERS, CAMERAS AND FIRE STROBES AND OTHER EQUIPMENT AND DEVICES THAT MAY CONFLICT WITH THE RENOVATION AND NEW CONSTRUCTION CEILINGS PRIOR TO COMMENCEMENT OF WORK.
- DO NOT DAMAGE CASEWORK NOT DESIGNATED TO BE RELOCATED. THIS CASEWORK SHALL REMAIN THE PROPERTY OF THE OWNER DURING THE DEMOLITION. NEW CONSTRUCTION SHALL HAVE HARD TYPE PROTECTION. COORDINATE WITH OWNER.
- ALL DEVICES MOUNTED WITHIN THE CEILING OF DEMOLISHED AREAS SHALL BE REMOVED AND SALVAGED FOR RE-USE OR TURN OVER TO THE OWNER.
- REUSE OF SALVAGE ITEMS SHALL BE CONSISTENT WITH INSTRUCTION IN OTHER AREAS OF THE CONTRACT DOCUMENTS.
- PATCH AND REPAIR ALL FLOORS AND WALLS IN THE UNIT RELATED TO THE UNDER FLOOR PLUMBING WORK.
- SAW CUT METHOD UTILIZATION INTO THE SELECTIVE DEMOLITION SPECIFICATION.
- REFER TO HPC'S INTERIM LIFE SAFETY MEASURES (ILSM) AND SPECIAL CONDITIONS.
- REMOVE ALL CARPET FROM WALLS IN UNIT. PATCH WALLS AS NECESSARY TO RECEIVE NEW FINISH.
- CEILING - BASE PRICING. REMOVE ALL EXISTING GRID CEILINGS AND TILE WHERE NOTED. LEAVE EXISTING HARD CEILINGS. REPLACE LIGHT FIXTURES THROUGHOUT.
- DOOR - BASE PRICING. REMOVE DOORS AT PATIENT ROOMS THAT SWING IN AND RELOCATE TO SWING OUT USING THE EXISTING FRAME IN PLACE. NOTE: SHOULD INCLUDE LABOR TO REPAIR METAL FRAME AND DOORS AT THE EXISTING HARDWARE LOCATION AND TO REPLACE THE HINGE WITH A NEW PIANO HINGE.

**DEMOLITION LEGEND**

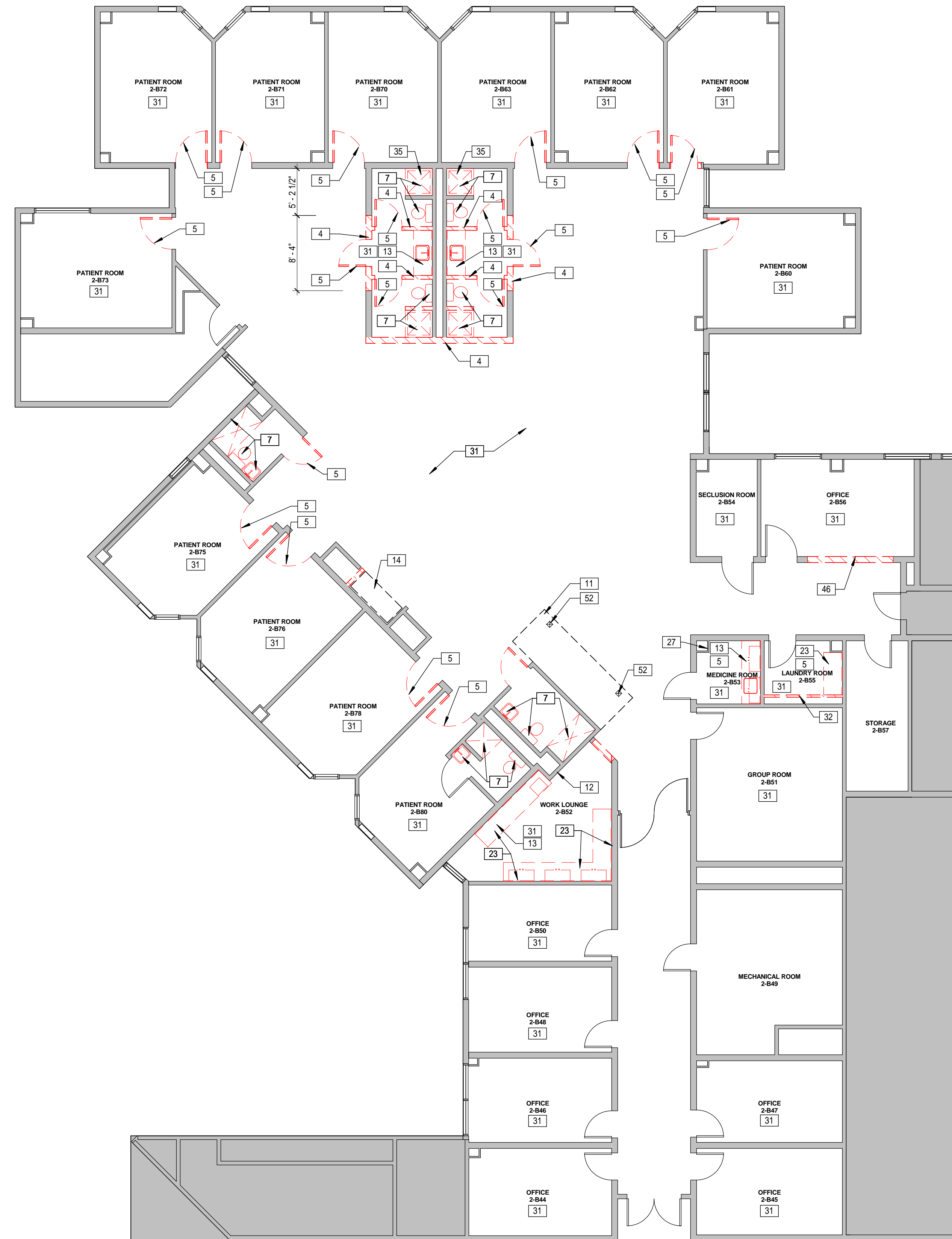
- ===== EXISTING WALL TO REMAIN
- - - - - WALL TO BE DEMOLISHED
- - - - - DOOR TO BE DEMOLISHED
- LIMIT OF WORK LINE
- EXISTING PARTITION TO REMAIN
- THIS HATCH INDICATES AREA OF EXISTING CEILING AND LIGHTING TO BE REMOVED. WHILE HATCH SHOWS EXTENSIVE DEMO, REFER & COORDINATE WITH MEP DOCUMENTS ON EXTENT OF DEMO.
- 2x2 EXISTING ACOUSTICAL CEILING PANELS
- EXISTING GYPSUM BOARD CEILING
- EXISTING CEILING MOUNTED SPEAKER
- EXISTING SECURITY CAMERA
- EXISTING EXIT LIGHT
- EXISTING 1X4 LIGHT FIXTURE
- EXISTING 2X4 LIGHT FIXTURE
- EXISTING 2X2 LIGHT FIXTURE
- SCOPE OF WORK
- NOT PART OF SCOPE OF WORK
- ONLY FISK ELECTRIC TO REMOVE EXISTING CAMERAS PRIOR TO DEMOLITION AND STORE DEVICES WITHIN HPCP OR REMOTE LOCATION AS COORDINATED WITH OWNER. FISK ELECTRIC TO REINSTALL CAMERAS AT COMPLETION OF PROJECT

**Keystone Legend**

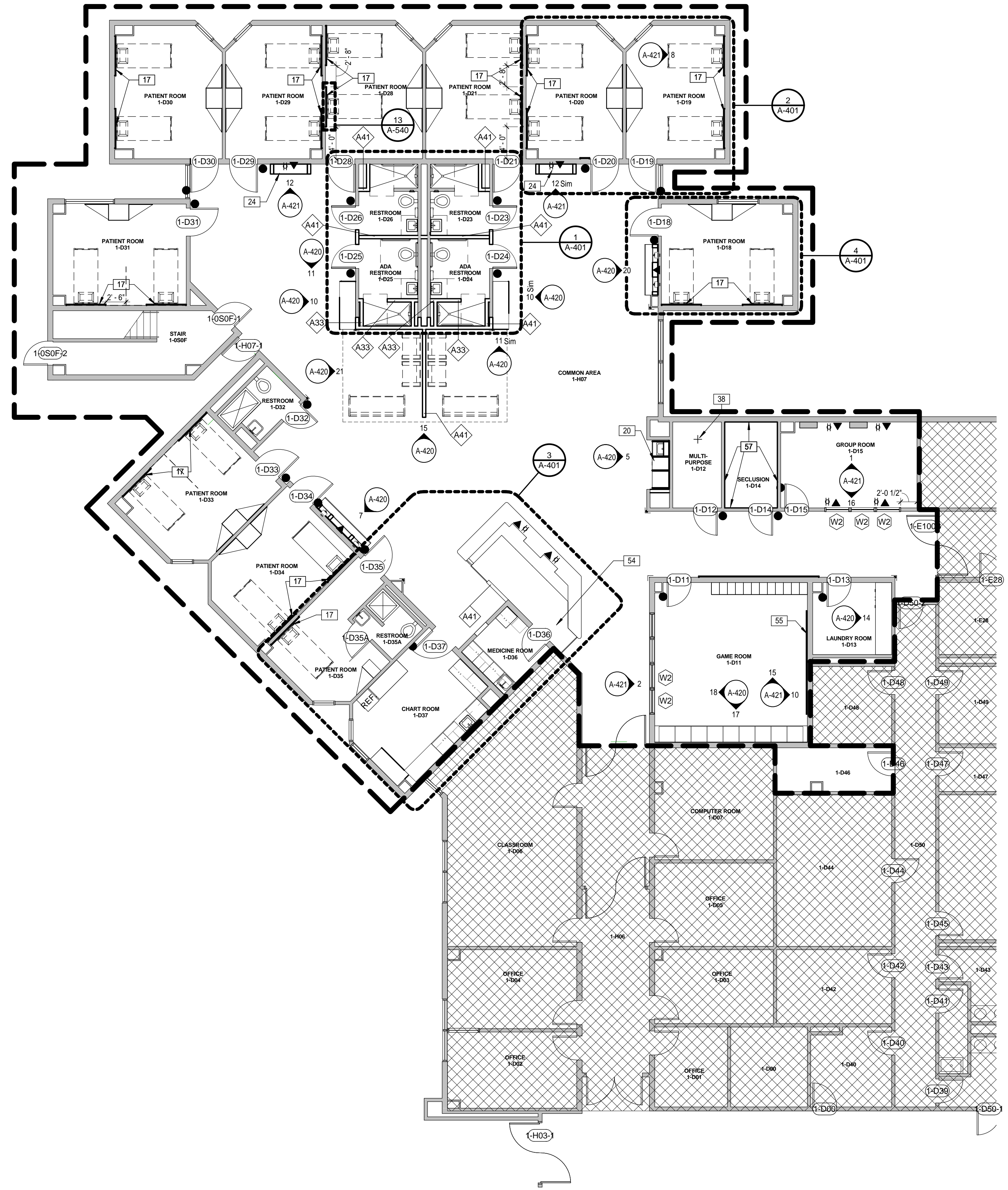
Key Value	Keystone Text
3	EXISTING CEILING TO REMAIN. REPLACE EXISTING LIGHT FIXTURES WITH NEW FIXTURES; RE: MEP DRAWINGS
4	DEMOLISH WALL AND ALL WALL MOUNTED EQUIPMENT AND UTILITIES
5	REMOVE AND REUSE DOOR, HARDWARE AND FRAME
7	DEMOLISH ALL FIXTURES
11	REMOVE EXISTING NURSE STATION. DISPOSAL TO BE COORDINATED WITH OWNER.
12	REMOVE ALL WALL MOUNTED ITEMS, STORE FOR REUSE
13	REMOVE MILLWORK AND SINK; CAP FOR NEW SINK AND PREPARE WALL TO RECEIVE NEW MILLWORK OR FINISH AS SPECIFIED
14	DEMOLISH EXISTING NOURISHMENT STATION
15	REMOVE EXISTING LAY IN CEILING AND GRID LEAVING EXISTING DRYWALL CEILING ABOVE LAY IN CEILING. ALL LIGHT FIXTURES AND CEILING MOUNTED DEVICES SHOULD BE REMOVED AND RELOCATED/REPLACED PER MEP DRAWINGS. MATCH THE NEW CEILING GRID TO THE EXISTING GRIDS HEIGHT.
23	DEMOLISH COUNTERTOP AND CABINETRY
26	REMOVE EXISTING LIGHT FIXTURE. TURN OVER TO OWNER FOR RE-USE.
27	REMOVE ELEC/DATA BACK TO CEILING TO RUN IN NEW RACEWAY (SURFACE)
31	REMOVE EXISTING FLOORING AND BASE. PREP FOR NEW FLOORING AND BASE.
32	REMOVE EXISTING WALL DRYWALL/PLASTER BACK TO STUDS
35	REMOVE TILE BACK TO WATER RESISTANT SUBSTRATE. PREP FOR NEW FINISH.
46	CREATE OPENING FOR NEW WINDOW INSTALLATION
52	CORE TWO HOLES IN EXISTING FLOOR SLAB LARGE ENOUGH TO ACCOMMODATE CONDUITS HOLDING 8 EA CAT-6 CABLING. COORDINATE FINAL SIZE AND LOCATION IN FIELD WITH OWNER AND WITH EXISTING CONDITIONS.



**2** UNIT 2B DEMOLITION REFLECTED CEILING PLAN  
1/8" = 1'-0"



**1** UNIT 2B DEMOLITION PLAN  
1/8" = 1'-0"



**1** First Floor - Unit 1D  
1/8" = 1'-0"

**GENERAL FLOOR PLAN NOTES**

- REFER TO SHEET A-001 FOR ADDITIONAL GENERAL NOTES.
- MOVE EXISTING ELECTRICAL AND MECHANICAL FIXTURES IF NEEDED. V.I.F. AND COORDINATE WITH ARCHITECT.
- NEW GRID TO MATCH EXISTING CEILING HEIGHT.
- PATCH AND REPAIR HOWLS ON THE WALL ATTACHED TO THE NEW WALL.
- ALL NOURISHMENT APPLIANCES ARE OWNER FURNISHED, CONTRACTOR INSTALLED.
- COORDINATE SHOP DRAWINGS WITH APPLIANCES AND MEP DRAWINGS.

**FLOOR PLAN LEGEND**

	SCOPE OF WORK
	ELEVATION TAG
	DOOR DESIGNATION
	WINDOW DESIGNATION
	PARTITION TYPE
	REVISION NUMBER
	ENLARGED FLOOR PLAN BUBBLE
	DETAIL AND VERTICAL SECTIONS
	<b>DIMENSIONS</b> - ALL DIMENSIONS TO FACE OF WALL UNLESS OTHERWISE NOTED
	<b>BRACKETS</b> - INDICATED EXISTING DIMENSIONS - CONTRACTOR TO FIELD VERIFY
	EXISTING PARTITION
	NEW PARTITION
	SHOWER CURTAIN
	CONTRACTOR FURNISHED EQUIPMENT/ITEM
	OWNER FURNISHED EQUIPMENT/ITEM
	NOT IN SCOPE OF WORK
	DOORSTOPS

**Keynote Legend**

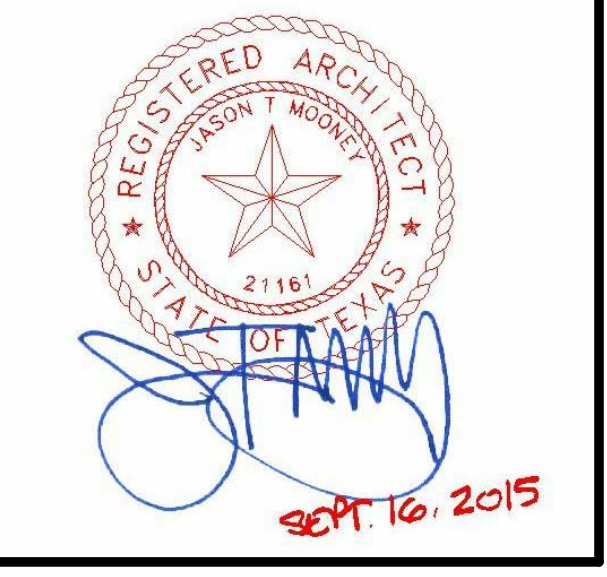
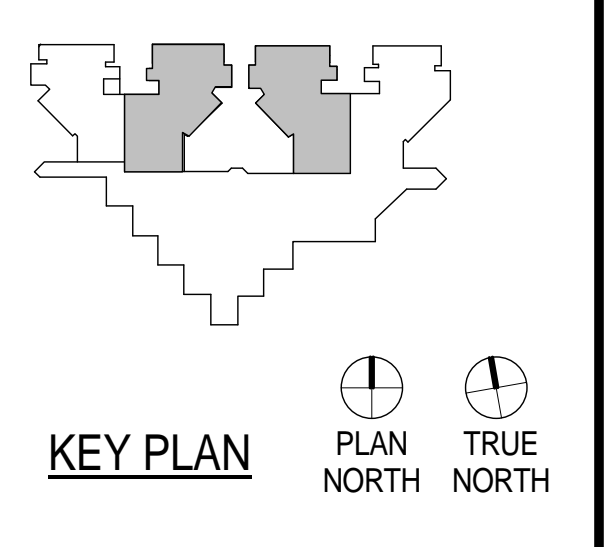
Key Value	Keynote Text
17	HEAD WALL PANEL
20	NOURISHMENT STATION RE: PLUMBING
24	TV CABINET
38	PROVIDE NEW SECURE MOUNT FOR EXISTING PUNCHING BAG; SECURE TO CEILING WITH THRESHOLD EYE-BOLT AND SUSPEND FROM ABOVE CEILING WITH UNISTRUT FRAMING TIED TO STRUCTURE.
54	FILL IN TRENCH WITH GROUT AND PREPARE TO RECEIVE NEW FLOORING FINISH
55	WALLTALKERS NU-VU-RITE WALLCOVERING
57	WALL PADDING; MARATHON ENGINEERING CORPORATION, GOLD MEDAL SAFETY PADDING



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Houston, Texas 77046  
713-780-7563 P  
713-780-6209  
Texas Registered Engineering Firm: F-2113

**HARRIS COUNTY  
PSYCHIATRIC CENTER UNIT  
1D AND 2B RENOVATION**



CLIENT

**UTHealth**

PROJECT NUMBER: 14265  
DATE: SEPTEMBER 16, 2015  
DRAWN BY: VG  
CHECKED BY: JM

REVISIONS

No.	Description	Date

ISSUE FOR CONSTRUCTION

**UNIT 1D RENOVATION PLAN**

**A-101**



1 Unit 1D Signage Plan  
1/8" = 1'-0"

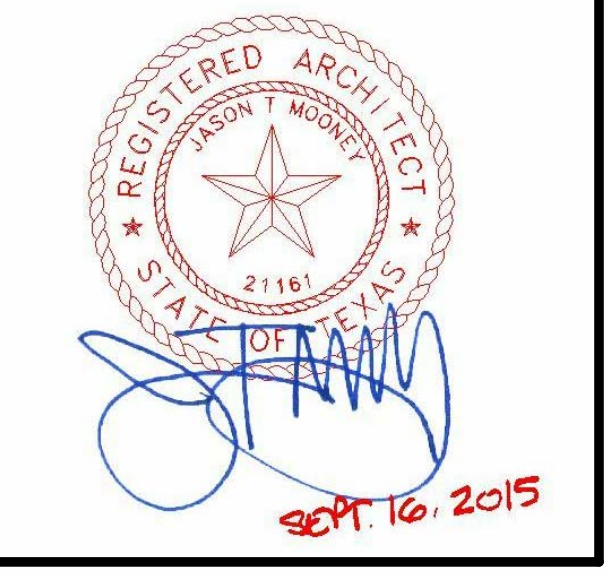
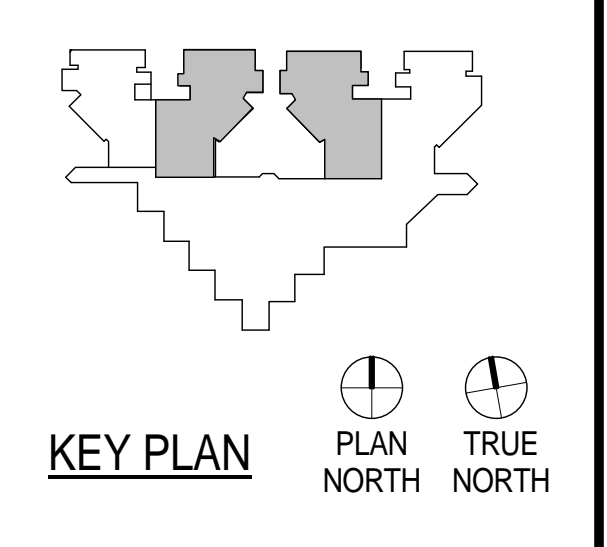
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4	A	1-004	RE: G4586-14 R1	LINE 1: 1-004 LINE 2: (ADA BRAILLE: 1-004) LINE 3: N/A LINE 4: N/A LINE 5: INSERT LINE 6: IMAGE LINE 7: N/A	27	B	1-023	RE: G4586-14 R1
5	A	1-005	RE: G4586-14 R1	LINE 1: 1-005 LINE 2: (ADA BRAILLE: 1-005) LINE 3: N/A LINE 4: N/A LINE 5: INSERT LINE 6: IMAGE LINE 7: N/A	28	D	1-021	RE: G4589-14 R1
6	A	1-006	RE: G4586-14 R1	LINE 1: 1-006 LINE 2: (ADA BRAILLE: 1-006) LINE 3: N/A LINE 4: N/A LINE 5: INSERT LINE 6: IMAGE LINE 7: N/A	29	D	1-020	RE: G4589-14 R1
7	A	1-007	RE: G4586-14 R1	LINE 1: 1-007 LINE 2: (ADA BRAILLE: 1-007) LINE 3: N/A LINE 4: N/A LINE 5: INSERT LINE 6: IMAGE LINE 7: N/A	30	D	1-019	RE: G4589-14 R1
8	A	1-008	RE: G4586-14 R1	LINE 1: 1-008 LINE 2: (ADA BRAILLE: 1-008) LINE 3: N/A LINE 4: N/A LINE 5: INSERT LINE 6: IMAGE LINE 7: N/A	31	D	1-018	RE: G4589-14 R1
9	C	1-D11	RE: G4589-14 R1	LINE 1: 1-D11 LINE 2: (ADA BRAILLE: 1-D11) LINE 3: N/A LINE 4: N/A LINE 5: GAME ROOM LINE 6: (ADA BRAILLE: GAME ROOM) LINE 7: N/A	32	E	1-050F	RE: G4589-14 R1
10	C	1-D13	RE: G4589-14 R1	LINE 1: 1-D13 LINE 2: (ADA BRAILLE: 1-D13) LINE 3: N/A LINE 4: N/A LINE 5: LAUNDRY LINE 6: (ADA BRAILLE: LAUNDRY) LINE 7: N/A				
11	C	1-D15	RE: G4589-14 R1	LINE 1: 1-D15 LINE 2: (ADA BRAILLE: 1-D15) LINE 3: N/A LINE 4: N/A LINE 5: GROUP ROOM LINE 6: (ADA BRAILLE: GROUP ROOM) LINE 7: N/A				
12	C	1-D14	RE: G4589-14 R1	LINE 1: 1-D14 LINE 2: (ADA BRAILLE: 1-D14) LINE 3: N/A LINE 4: N/A LINE 5: SECLUSION LINE 6: (ADA BRAILLE: SECLUSION) LINE 7: N/A				
13	C	1-D12	RE: G4589-14 R1	LINE 1: 1-D12 LINE 2: (ADA BRAILLE: 1-D12) LINE 3: N/A LINE 4: N/A LINE 5: MULTIPURPOSE LINE 6: ROOM LINE 7: (ADA BRAILLE: MULTIPURPOSE ROOM) LINE 8: N/A				
14	C	1-D36	RE: G4589-14 R1	LINE 1: 1-D36 LINE 2: (ADA BRAILLE: 1-D36) LINE 3: N/A LINE 4: N/A LINE 5: MEDICATION LINE 6: ROOM LINE 7: (ADA BRAILLE: MEDICATION ROOM) LINE 8: N/A				
15	C	1-D37	RE: G4589-14 R1	LINE 1: 1-D37 LINE 2: (ADA BRAILLE: 1-D37) LINE 3: N/A LINE 4: N/A LINE 5: CHART ROOM LINE 6: (ADA BRAILLE: CHART ROOM) LINE 7: N/A				
16	D	1-037	RE: G4589-14 R1	LINE 1: 1-035 LINE 2: (ADA BRAILLE: 1-035) LINE 3: N/A LINE 4: N/A LINE 5: N/A LINE 6: N/A LINE 7: N/A LINE 8: N/A				
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18	D	1-037	RE: G4589-14 R1	LINE 1: 1-033 LINE 2: (ADA BRAILLE: 1-033) LINE 3: N/A LINE 4: N/A LINE 5: N/A LINE 6: N/A LINE 7: N/A LINE 8: N/A				
18	D	1-037	RE: G4589-14 R1	LINE 1: 1-033 LINE 2: (ADA BRAILLE: 1-033) LINE 3: N/A LINE 4: N/A LINE 5: N/A LINE 6: N/A LINE 7: N/A LINE 8: N/A				
19	B	1-032	RE: G4586-14 R1	LINE 1: 1-D32 LINE 2: (ADA BRAILLE: 1-D32) LINE 3: N/A LINE 4: IMAGE LINE 5: IMAGE LINE 6: IMAGE LINE 7: N/A LINE 8: RESTROOM LINE 9: (ADA BRAILLE: RESTROOM) LINE 10: PLEASE KNOCK BEFORE ENTERING LINE 11: POR FAVOR SONAR ANTES DE ENTRAR LINE 12: SLIDER PANEL LINE 13: N/A LINE 14: INSERT				
20	D	1-D31	RE: G4589-14 R1	LINE 1: 1-D31 LINE 2: (ADA BRAILLE: 1-D31) LINE 3: N/A LINE 4: N/A LINE 5: N/A LINE 6: N/A LINE 7: N/A LINE 8: N/A				
21	D	1-D30	RE: G4589-14 R1	LINE 1: 1-D30 LINE 2: (ADA BRAILLE: 1-D30) LINE 3: N/A LINE 4: N/A LINE 5: N/A LINE 6: N/A LINE 7: N/A LINE 8: N/A				
22	D	1-029	RE: G4589-14 R1	LINE 1: 1-D29 LINE 2: (ADA BRAILLE: 1-D29) LINE 3: N/A LINE 4: N/A LINE 5: N/A LINE 6: N/A LINE 7: N/A LINE 8: N/A				
23	D	1-028	RE: G4589-14 R1	LINE 1: 1-D28 LINE 2: (ADA BRAILLE: 1-D28) LINE 3: N/A LINE 4: N/A LINE 5: N/A LINE 6: N/A LINE 7: N/A LINE 8: N/A				

NOTE: REFER TO ELEVATIONS FOR MOUNTING HEIGHTS. SIGNS 21 AND 22 MUST BE MOUNTED ONE ABOVE THE OTHER WITHIN ACCEPTABLE ADA MOUNTING HEIGHTS RE: 118-421  
V.I.F. WALL SPACES FOR SIGN WIDTHS. NOTIFY ARCHITECT OF SIGNS NEEDING TO BE SHORTENED TO FIT AT DESIGNATED LOCATION.



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713-780-9209  
Texas Registered Engineering Firm: F-2113

# HARRIS COUNTY PSYCHIATRIC CENTER UNIT 1D AND 2B RENOVATION



CLIENT

**UTHealth**

PROJECT NUMBER	14265	
DATE	SEPTEMBER 16, 2015	
DRAWN BY	VG	
CHECKED BY	JM	
REVISIONS		
No.	Description	Date

ISSUE FOR CONSTRUCTION

## UNIT 1D SIGNAGE PLAN

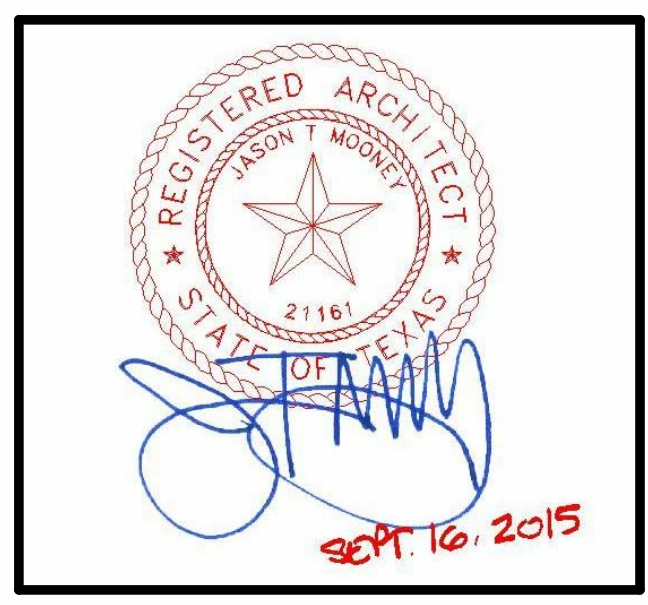
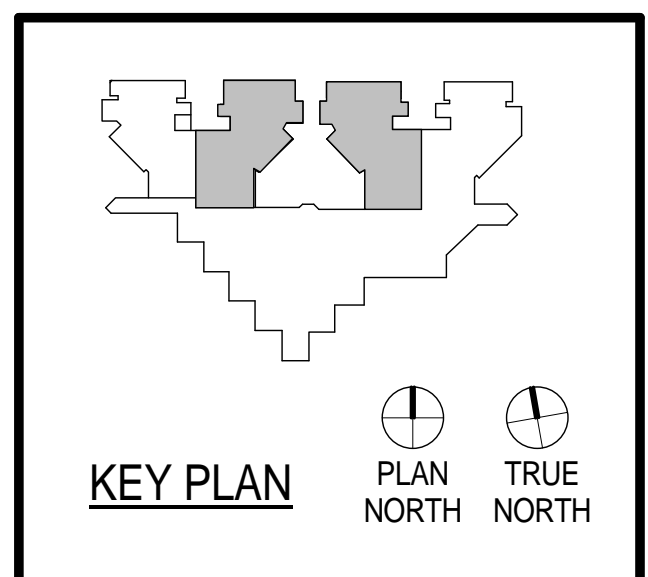
A-101.1



11 Greenway Plaza, 22nd Floor  
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Texas Registered Engineering Firm: F-3709

In Association with:  
MEP:  
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Texas Registered Engineering Firm: F-2113

# HARRIS COUNTY PSYCHIATRIC CENTER UNIT 1D AND 2B RENOVATION



CLIENT

PROJECT NUMBER 14265  
DATE SEPTEMBER 16, 2015  
DRAWN BY VG  
CHECKED BY JM  
REVISIONS

No.	Description	Date

ISSUE FOR CONSTRUCTION

## UNIT 2B RENOVATION PLAN

# A-102

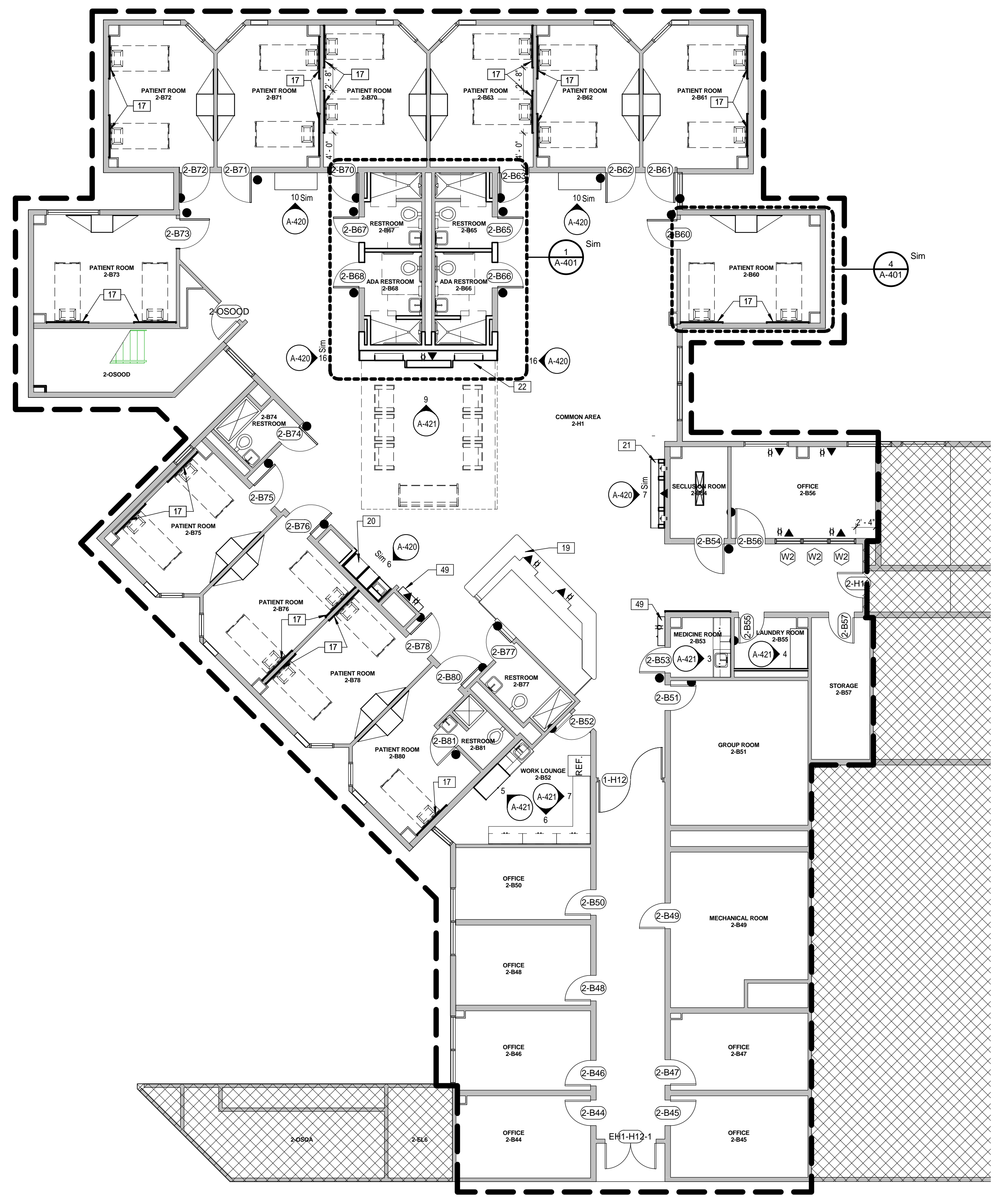
GENERAL FLOOR PLAN NOTES

- REFER TO SHEET A-001 FOR ADDITIONAL GENERAL NOTES.
- MOVE EXISTING ELECTRICAL AND MECHANICAL FIXTURES IF NEEDED. V.I.F. AND COORDINATE WITH ARCHITECT.
- NEW GRID TO MATCH EXISTING CEILING HEIGHT.
- PATCH AND REPAIR HOWLS ON THE WALL ATTACHED TO THE NEW WALL.
- ALL NOURISHMENT APPLIANCES ARE OWNER FURNISHED, CONTRACTOR INSTALLED.
- COORDINATE SHOP DRAWINGS WITH APPLIANCES AND MEP DRAWINGS.

FLOOR PLAN LEGEND

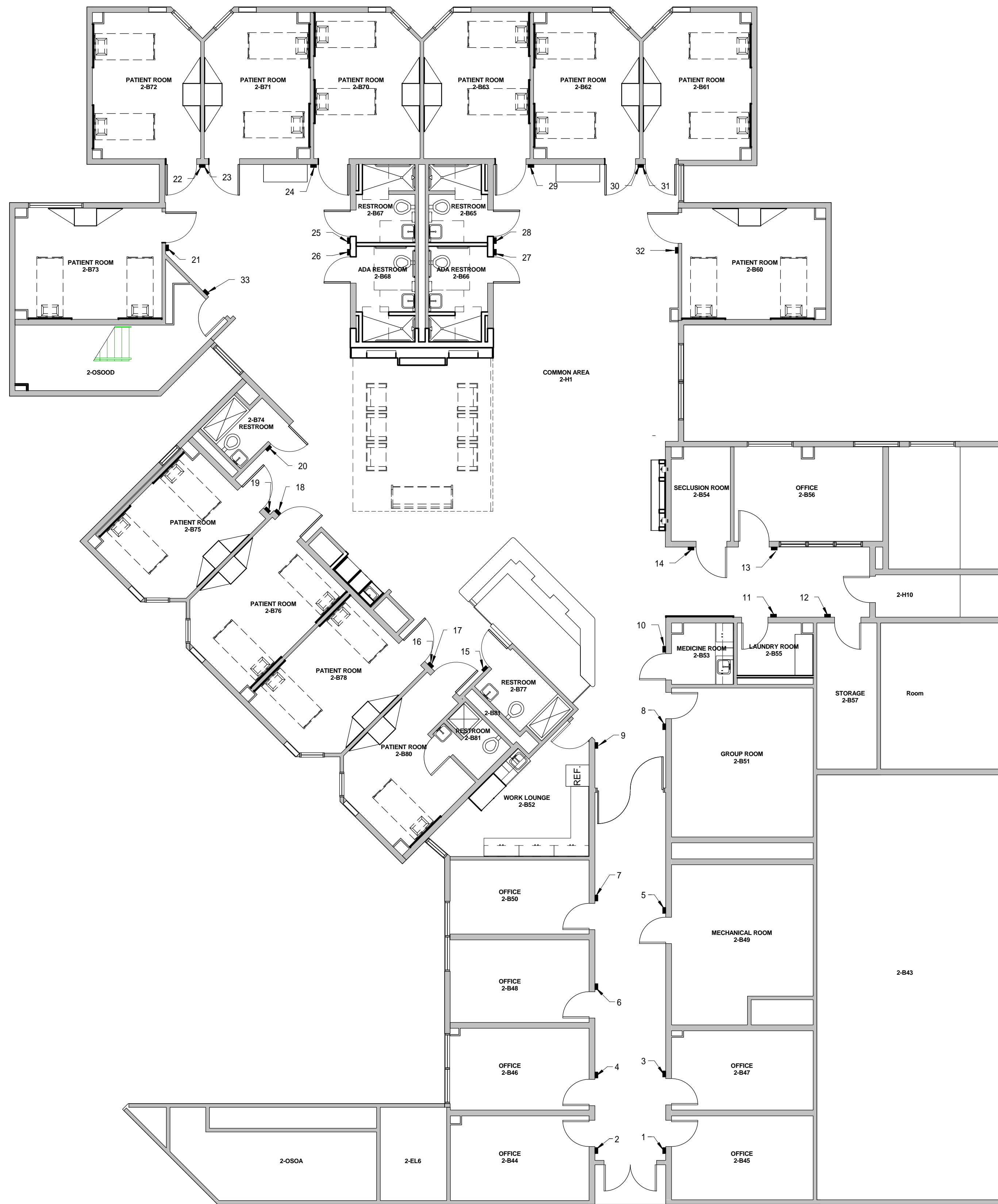
	SCOPE OF WORK
	ELEVATION TAG
	DOOR DESIGNATION
	WINDOW DESIGNATION
	PARTITION TYPE
	REVISION NUMBER
	ENLARGED FLOOR PLAN BUBBLE
	DETAIL AND VERTICAL SECTIONS
	<b>DIMENSIONS</b> - ALL DIMENSIONS TO FACE OF WALL UNLESS OTHERWISE NOTED
	<b>BRACKETS</b> - INDICATED EXISTING DIMENSIONS - CONTRACTOR TO FIELD VERIFY
	EXISTING PARTITION
	NEW PARTITION
	SHOWER CURTAIN
	CONTRACTOR FURNISHED EQUIPMENT/ITEM
	OWNER FURNISHED EQUIPMENT/ITEM
	NOT IN SCOPE OF WORK
	DOORSTOPS

Keynote Legend	
Key Value	Keynote Text
17	HEAD WALL PANEL
19	NURSE STATION
20	NOURISHMENT STATION RE: PLUMBING
21	LIBRARY WALL
22	HEARTH WALL
49	PROXIMITY #CWT-28 COMPUTER STATIONS



**1** Second Floor - Unit 2B  
1/8" = 1'-0"

UT HEALTH UNIT 1D AND UNIT 2B RENOVATION



**1** Unit 2B Signage Plan  
1/8" = 1'-0"

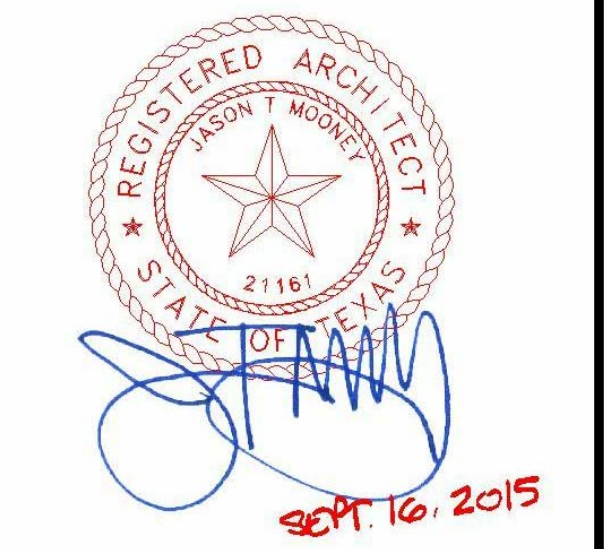
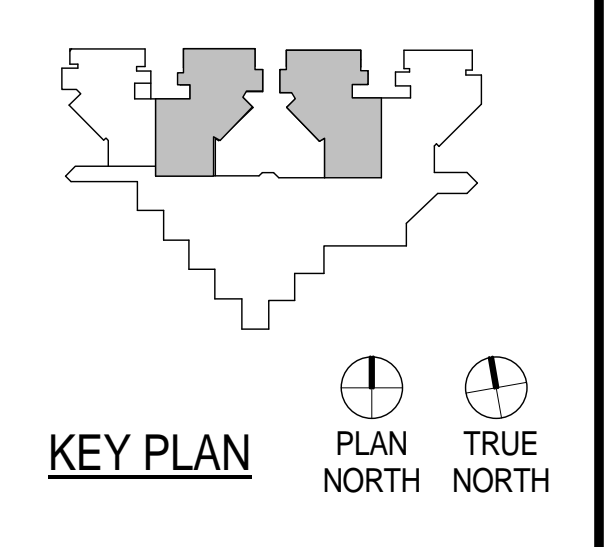
SIGN #	SIGN TYPE	LOCATION	DETAIL	MESSAGE	DATE	REV	REVISIONS	MESSAGE	
1	A	2-B45	RE: G4586-14 R1	LINE 1: 2-B45 LINE 2: (ADA BRAILLE: 2-B45) LINE 3: N/A LINE 4: N/A LINE 5: INSERT LINE 1: 2-B44 LINE 2: (ADA BRAILLE: 2-B44) LINE 3: N/A LINE 4: N/A LINE 5: INSERT LINE 1: 2-B47 LINE 2: (ADA BRAILLE: 2-B47) LINE 3: N/A LINE 4: N/A LINE 5: INSERT LINE 1: 2-B46 LINE 2: (ADA BRAILLE: 2-B46) LINE 3: N/A LINE 4: N/A LINE 5: INSERT LINE 1: 2-B49 LINE 2: (ADA BRAILLE: 2-B49) LINE 3: N/A LINE 5: MECHANICAL ROOM LINE 6: (ADA BRAILLE: MECHANICAL ROOM) LINE 7: N/A LINE 1: 2-B48 LINE 2: (ADA BRAILLE: 2-B48) LINE 3: N/A LINE 4: N/A LINE 5: INSERT LINE 1: 2-B50 LINE 2: (ADA BRAILLE: 2-B50) LINE 3: N/A LINE 4: N/A LINE 5: INSERT LINE 1: 2-B51 LINE 2: (ADA BRAILLE: 2-B51) LINE 3: N/A LINE 4: N/A LINE 5: GROUP ROOM LINE 6: (ADA BRAILLE: GROUP ROOM) LINE 7: N/A LINE 1: 2-B52 LINE 2: (ADA BRAILLE: 2-B52) LINE 3: N/A LINE 4: N/A LINE 5: WORK LOUNGE LINE 6: (ADA BRAILLE: WORK LOUNGE) LINE 7: N/A LINE 1: 2-B53 LINE 2: (ADA BRAILLE: 2-B53) LINE 3: N/A LINE 4: N/A LINE 5: MEDICATION LINE 6: ROOM LINE 7: (ADA BRAILLE: MEDICATION ROOM) LINE 8: N/A LINE 1: 2-B55 LINE 2: (ADA BRAILLE: 2-B55) LINE 3: N/A LINE 4: N/A LINE 5: LAUNDRY LINE 6: (ADA BRAILLE: LAUNDRY) LINE 7: N/A LINE 1: 2-B57 LINE 2: (ADA BRAILLE: 2-B57) LINE 3: N/A LINE 4: N/A LINE 5: STORAGE LINE 6: (ADA BRAILLE: STORAGE) LINE 7: N/A LINE 1: 2-B56 LINE 2: (ADA BRAILLE: 2-B56) LINE 3: N/A LINE 4: N/A LINE 5: INSERT LINE 1: 2-B54 LINE 2: (ADA BRAILLE: 2-B54) LINE 3: N/A LINE 4: N/A LINE 5: SECLUSION LINE 6: (ADA BRAILLE: SECLUSION) LINE 7: N/A LINE 1: 2-B77 LINE 2: (ADA BRAILLE: 2-B77) LINE 3: N/A LINE 4: IMAGE LINE 5: IMAGE LINE 6: IMAGE LINE 7: N/A LINE 8: RESTROOM LINE 9: (ADA BRAILLE: RESTROOM) LINE 10: PLEASE KNOCK BEFORE ENTERING LINE 11: POR FAVOR SONAR ANTES DE ENTRAR LINE 12: SLIDER PANEL LINE 13: N/A LINE 14: INSERT LINE 1: 2-B80 LINE 2: (ADA BRAILLE: 2-B80) LINE 3: N/A LINE 4: N/A LINE 1: 2-B78 LINE 2: (ADA BRAILLE: 2-B78) LINE 3: N/A LINE 4: N/A LINE 1: 2-B76 LINE 2: (ADA BRAILLE: 2-B76) LINE 3: N/A LINE 4: N/A LINE 1: 2-B75 LINE 2: (ADA BRAILLE: 2-B75) LINE 3: N/A LINE 4: N/A LINE 1: 2-B74 LINE 2: (ADA BRAILLE: 2-B74) LINE 3: N/A LINE 4: IMAGE LINE 5: IMAGE LINE 6: IMAGE LINE 7: N/A LINE 8: RESTROOM LINE 9: (ADA BRAILLE: RESTROOM) LINE 10: PLEASE KNOCK BEFORE ENTERING LINE 11: POR FAVOR SONAR ANTES DE ENTRAR LINE 12: SLIDER PANEL LINE 13: N/A LINE 14: INSERT LINE 1: 2-B73 LINE 2: (ADA BRAILLE: 2-B73) LINE 3: N/A LINE 4: N/A LINE 1: 2-B72 LINE 2: (ADA BRAILLE: 2-B72) LINE 3: N/A LINE 4: N/A LINE 1: 2-B71 LINE 2: (ADA BRAILLE: 1-D29) LINE 3: N/A LINE 4: N/A	24	D	2-B71	RE: G4589-14 R1	LINE 1: 2-B71 LINE 2: (ADA BRAILLE: 2-B71) LINE 3: N/A LINE 4: N/A LINE 1: 2-B67 LINE 2: (ADA BRAILLE: 2-B67) LINE 3: N/A LINE 4: IMAGE LINE 5: IMAGE LINE 6: IMAGE LINE 7: N/A LINE 8: ADA BATHROOM LINE 9: (ADA BRAILLE: ADA BATHROOM) LINE 10: PLEASE KNOCK BEFORE ENTERING LINE 11: POR FAVOR SONAR ANTES DE ENTRAR LINE 12: SLIDER PANEL LINE 13: N/A LINE 14: INSERT LINE 1: 2-B65 LINE 2: (ADA BRAILLE: 2-B65) LINE 3: N/A LINE 4: IMAGE LINE 5: IMAGE LINE 6: IMAGE LINE 7: N/A LINE 8: ADA BATHROOM LINE 9: (ADA BRAILLE: ADA BATHROOM) LINE 10: PLEASE KNOCK BEFORE ENTERING LINE 11: POR FAVOR SONAR ANTES DE ENTRAR LINE 12: SLIDER PANEL LINE 13: N/A LINE 14: INSERT LINE 1: 2-B66 LINE 2: (ADA BRAILLE: 2-B66) LINE 3: N/A LINE 4: IMAGE LINE 5: IMAGE LINE 6: IMAGE LINE 7: N/A LINE 8: ADA BATHROOM LINE 9: (ADA BRAILLE: ADA BATHROOM) LINE 10: PLEASE KNOCK BEFORE ENTERING LINE 11: POR FAVOR SONAR ANTES DE ENTRAR LINE 12: SLIDER PANEL LINE 13: N/A LINE 14: INSERT LINE 1: 2-B65 LINE 2: (ADA BRAILLE: 2-B65) LINE 3: N/A LINE 4: IMAGE LINE 5: IMAGE LINE 6: IMAGE LINE 7: N/A LINE 8: ADA BATHROOM LINE 9: (ADA BRAILLE: ADA BATHROOM) LINE 10: PLEASE KNOCK BEFORE ENTERING LINE 11: POR FAVOR SONAR ANTES DE ENTRAR LINE 12: SLIDER PANEL LINE 13: N/A LINE 14: INSERT LINE 1: 2-B63 LINE 2: (ADA BRAILLE: 2-B63) LINE 3: N/A LINE 4: N/A 2-B62 LINE 2: (ADA BRAILLE: 2-B62) LINE 3: N/A LINE 4: N/A 2-B60 LINE 2: (ADA BRAILLE: 2-B60) LINE 3: N/A LINE 4: N/A LINE 1: STAIR F LINE 2: ESCALERA LINE 3: (ADA BRAILLE: STAIR F)
2	A	2-B44	RE: G4586-14 R1		25	B	2-B67	RE: G4586-14 R1	
3	A	2-B47	RE: G4586-14 R1						
4	A	2-B46	RE: G4586-14 R1		26	B	2-B65	RE: G4586-14 R1	
5	C	2-B49	RE: G4589-14 R1						
6	A	2-B48	RE: G4586-14 R1		27	B	2-B66	RE: G4586-14 R1	
7	A	2-B50	RE: G4586-14 R1						
8	C	2-B51	RE: G4589-14 R1						
9	C	2-B52	RE: G4589-14 R1		28	B	2-B65	RE: G4586-14 R1	
10	C	2-B53	RE: G4589-14 R1						
11	C	2-B55	RE: G4589-14 R1		29	D	2-B63	RE: G4589-14 R1	
12	C	2-B57	RE: G4589-14 R1		30	D	2-B62	RE: G4589-14 R1	
13	A	2-B56	RE: G4586-14 R1		31	D	2-B61	RE: G4589-14 R1	
14	C	2-B54	RE: G4589-14 R1		32	D	2-B60	RE: G4589-14 R1	
15	B	2-B77	RE: G4586-14 R1		33	E	2-0500D	RE: G4589-14 R1	
16	D	2-B80	RE: G4589-14 R1						
17	D	2-B78	RE: G4589-14 R1						
18	D	2-B76	RE: G4589-14 R1						
19	D	2-B75	RE: G4589-14 R1						
20	B	2-B74	RE: G4586-14 R1						
21	D	2-B73	RE: G4589-14 R1						
22	D	2-B72	RE: G4589-14 R1						
23	D	2-B71	RE: G4589-14 R1						

11 Greenway Plaza, 22nd Floor  
Houston, TX 77046  
713-965-0608 P  
713-961-4571 F  
713-706-7346  
Texas Registered Engineering Firm: F-3709

In Association with:

MEP:  
Shah Smith  
& ASSOCIATES, INC  
2825 Wilcrest, Suite #350  
Houston, Texas 77046  
713-780-7563 P  
713-780-9209  
Texas Registered Engineering Firm: F-2113

**HARRIS COUNTY  
PSYCHIATRIC CENTER UNIT  
1D AND 2B RENOVATION**



CLIENT

**UTHealth**

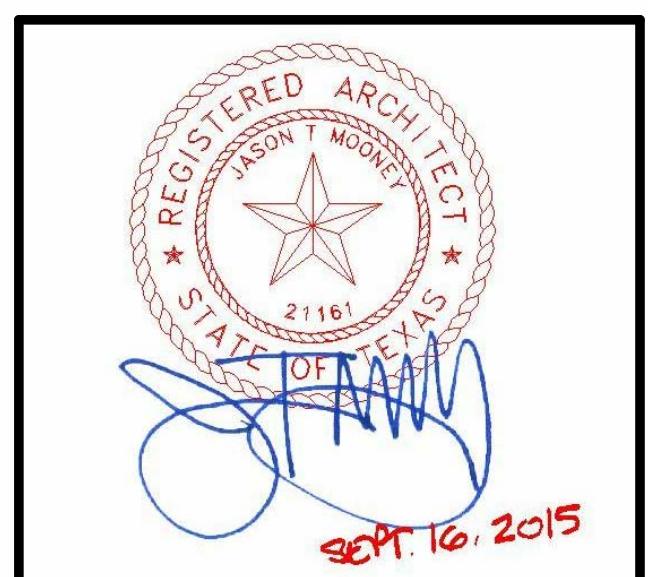
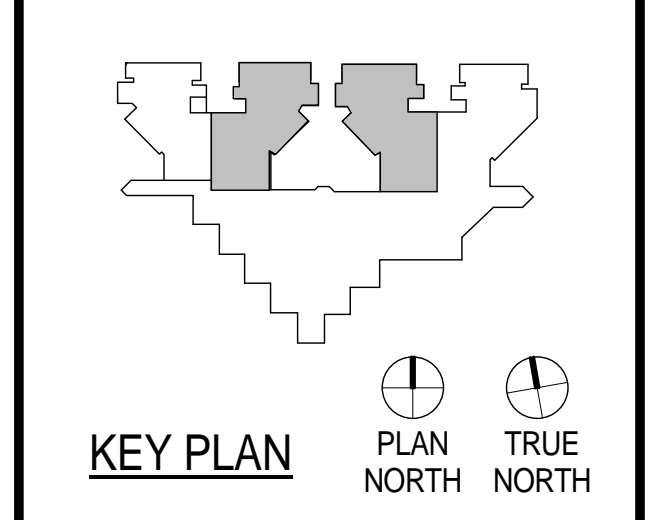
PROJECT NUMBER	14265	
DATE	SEPTEMBER 16, 2015	
DRAWN BY	VG	
CHECKED BY	JM	
REVISIONS		
No.	Description	Date

ISSUE FOR CONSTRUCTION

**UNIT 2B SIGNAGE  
PLAN**

**A-102.1**

# HARRIS COUNTY PSYCHIATRIC CENTER UNIT 1D AND 2B RENOVATION



CLIENT

PROJECT NUMBER	14265	
DATE	SEPTEMBER 16, 2015	
DRAWN BY	VG	
CHECKED BY	JM	
REVISIONS		
No.	Description	Date

## UNIT 1D REFLECTED CEILING PLAN AND DETAILS

**A-121**

### REFLECTED CEILING PLAN GENERAL NOTES

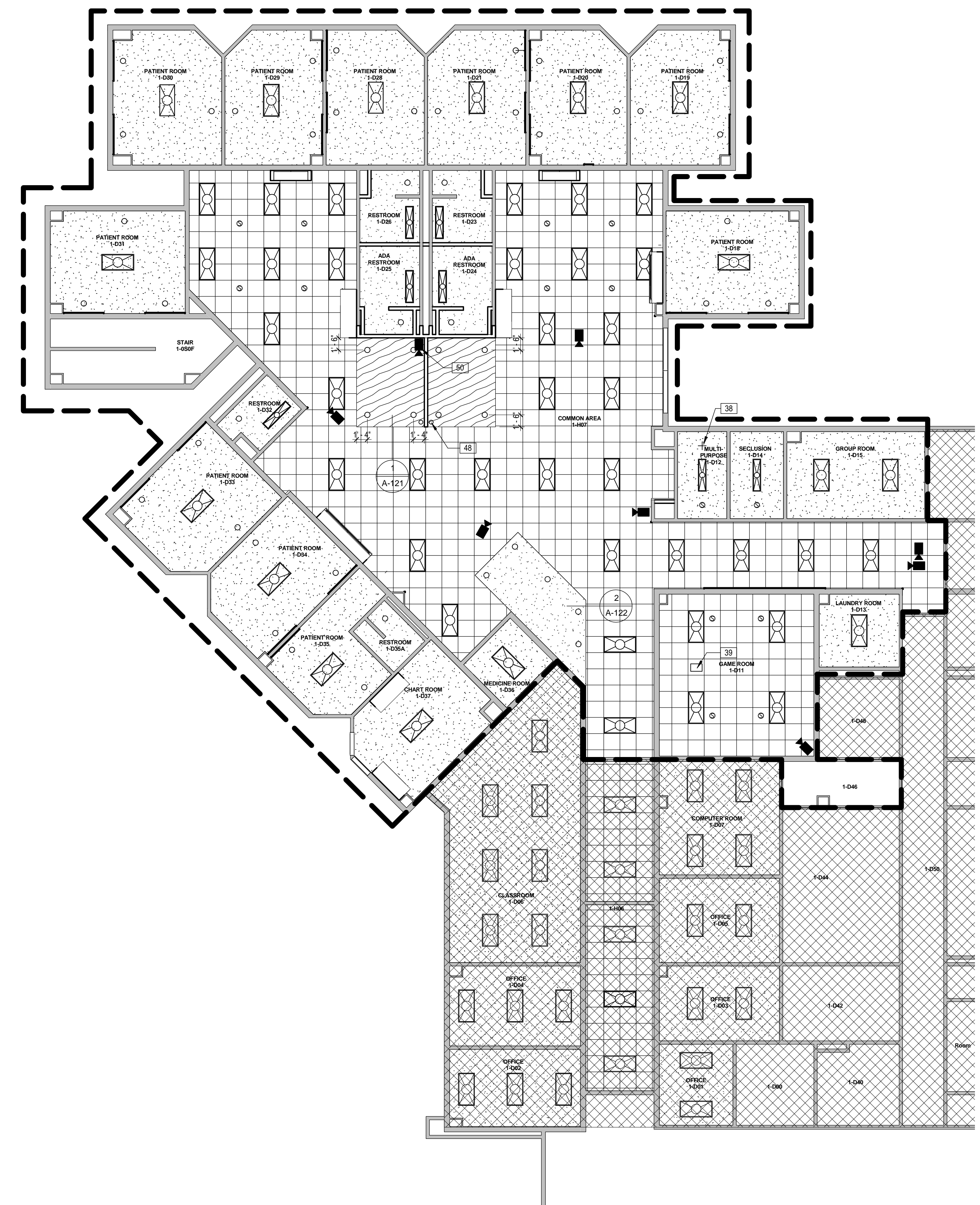
1. THE CONTRACTOR SHALL COMPARE THIS REFLECTED CEILING PLAN WITH INDICATED ELECTRICAL LIGHTING PLANS, MECHANICAL SUPPLY, RETURN AND EXHAUST PLANS. MECHANICAL FIXTURES ARE NOT INDICATED ON THIS PLAN. RE: MEP. THE CONTRACTOR SHALL REPORT ANY OMISSIONS OR INCONSISTENCIES TO THE ARCHITECT.
2. SEE ELECTRICAL DRAWINGS FOR THE LOCATIONS OF CEILING MOUNTED SMOKE DETECTORS, PEAKERS, EXIT SIGNAGE AND FIRE ALARM DEVICES, ETC. ALSO SEE ELECTRICAL FOR LOCATIONS OF WALL MOUNTED EXIT LIGHTS.
3. SPRINKLER HEADS ARE NOT SHOWN ON ARCHITECTURAL REFLECTED CEILING PLANS. CONTRACTOR TO INSTALL SUFFICIENT HEADS IN ALL SPACES TO PROVIDE 100% COVERAGE AS REQUIRED UNDER NFPA 13 AND OWNERS' INSURANCE COMPANIES' REQUIREMENTS. CENTER ALL SPRINKLER HEADS IN CEILING TILES AND GYPSUM BOARD CEILINGS.
4. CEILING ACCESS PANELS ARE NOT SHOWN ON ARCHITECTURAL REFLECTED CEILING PLANS. THE CONTRACTOR SHALL VERIFY THAT ACCESS PANELS OF TYPE SPECIFIED ARE INSTALLED IN NON-ACCESSIBLE TYPE CEILINGS WHERE SERVICE OR ADJUSTMENT TO MECHANICAL, PLUMBING, OR ELECTRICAL ITEMS MAY BE REQUIRED. ACCESS PANELS SHALL BE EQUAL TO THE RATING OF THE WALL OR CEILING IN WHICH THEY OCCUR.
5. 18" MINIMUM VERTICAL CLEARANCE SHALL BE MAINTAINED BETWEEN THE BOTTOM OF THE EXTENDED SPRINKLER HEADS AND THE TOP OF ANY FILES, SHELVING, LOCKERS, ETC.
6. PRE-MANUFACTURED SHOWER UNITS ARE PROVIDED WITH LIGHT FIXTURES (RE: ELECTRICAL FOR CONNECTION.)
7. ALL CEILING ELEMENTS TO BE PLACED IN THE CENTER OF CEILING TILE & CENTER OF GYP. BOARD CEILING AREA U.N.O.
8. ALL CEILING GRIDS TO BE CENTERED BETWEEN WALLS U.N.O.
9. V.I.F CEILING HEIGHT. ALL ACOUSTICAL CEILINGS TO MATCH EXISTING CEILING HEIGHT UNLESS NOTED OTHERWISE.
10. SAW CUT AND REMOVE EXISTING SLAB AND FLOOR FINISHES AS REQUIRED TO INSTALL NEW PLUMBING LINES, FLOOR DRAINS, FIXTURES OR ELECTRICAL ITEMS. SPlice NEW REINFORCING BARS DOWELED INTO EXISTING CONCRETE AND PROVIDE NEW VAPOR RETARDER AND WATERSTOPS. PATCH WITH A MINIMUM OF 3000 PSI CONCRETE AFTER INSTALLATION OF UTILITIES AND FIXTURES. PREPARE CONCRETE TO RECEIVE NEW FINISH.

### REFLECTED CEILING PLAN LEGEND

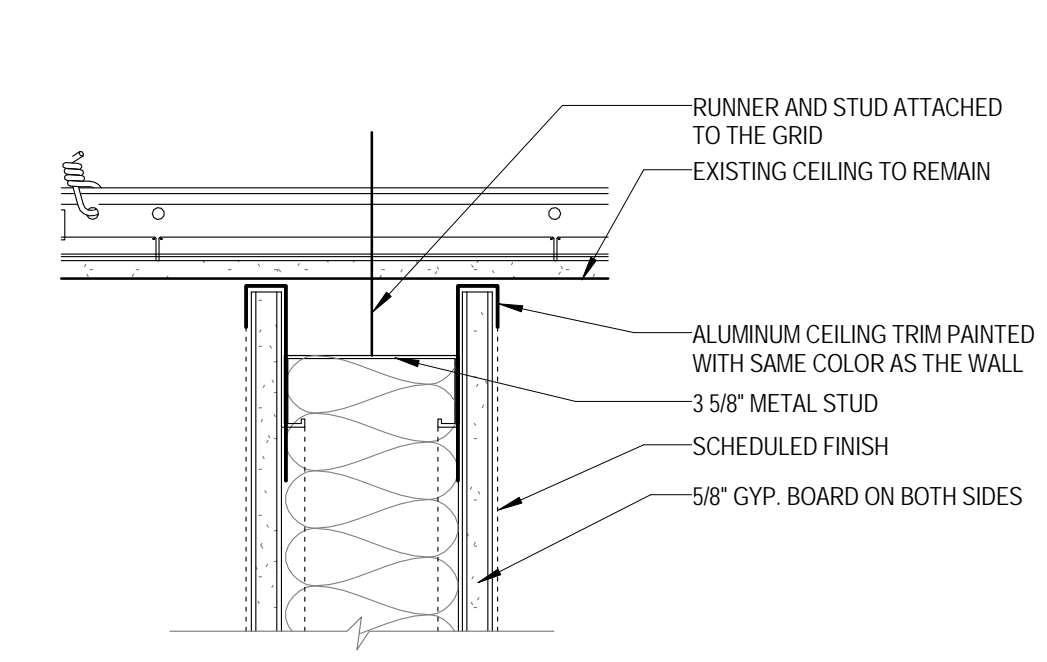
- |  |   |
|--|---|
|  | SUSPENDED 2' X 2' ACOUSTICAL CEILING SYSTEM (APC)   |
|  | 2X4 FLORESCENT  |
|  | 2X2 FLORESCENT  |
|  | 1 x 4 LIGHT FIXTURE   |
|  | RECESSED CAN LIGHT FIXTURE  |
|  | WALL MOUNTED LIGHT  |
|  | SUPPLY AIR GRILLE REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION   |
|  | RETURN AIR GRILLE REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION   |
|  | SUPPLY STRIP DIFFUSER RE: MECHANICAL  |
|  | CEILING DETAIL TAG  |
|  | CEILING TYPE<br>9'-0" AFF<br>CEILING HEIGHT DESIGNATION PER AREA.   |
|  | SHOWER DOME LIGHT (BY SHOWER MANUFACTURER).   |
|  | UNDER COUNTER TASK LIGHTING (N/A)   |
|  | FLOURESCENT STRIP COVE LIGHTING (N/A)   |
|  | GYP. BOARD CEILING  |
|  | SUSPENDED CEMENT PLASTER SOFFIT EXPOSED STRUCTURE. PAINT ALL ITEMS ABOVE CEILING IN OCCUPIED SPACES   |
|  | SPEAKER ALL SPEAKERS TO BE ROUTED BACK TO SOURCE: 1-D11, 1-D12, 1-D14 WILL BE ROUTED BACK TO 1-D37; 2-B51 AND 2-B54 WILL ROUTE BACK TO 2-B52; SPEAKERS IN COMMON AREAS (1-H47 AND 2-H) WILL ROUTH BACK TO RESPECTIVE TV LOCATIONS. CONFIRM ALL ROUTING LOCATIONS WITH OWNER |
|  | SECURITY CAMERA   |
|  | EXIT LIGHT  |
|  | THERMOSTAT  |
|  | ONLY FISK ELECTRIC TO REMOVE EXISTING CAMERAS PRIOR TO DEMOLITION AND STORE DEVICES WITHIN HCPC OR REMOTE LOCATION AS COORDINATED WITH OWNER. FISK ELECTRIC TO REINSTALL CAMERA AND COMPLETION OF PROJECT.  |

### Keynote Legend

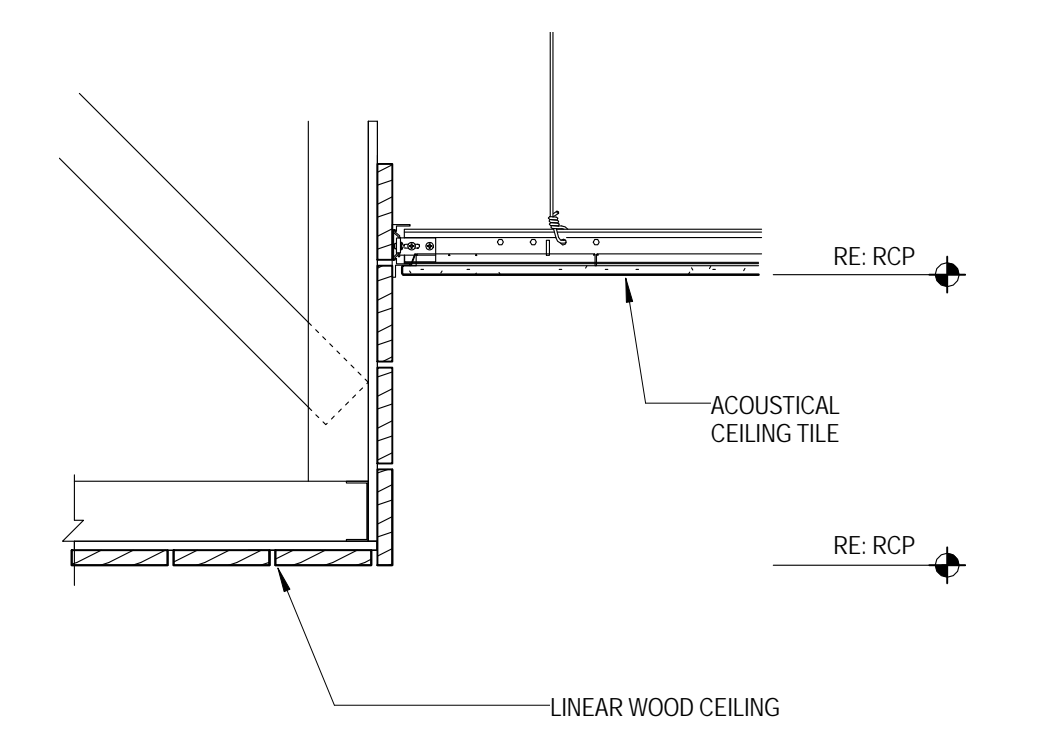
Key Value	Keynote Text
38	PROVIDE NEW SECURE MOUNT FOR EXISTING PUNCHING BAG; SECURE TO CEILING WITH THRESHOLD EYE-BOLT AND SUSPEND FROM ABOVE CEILING WITH UNISTRUT FRAMING TIED TO STRUCTURE
39	PROJECTOR, OWNER FURNISHED CONTRACTOR INSTALLED
48	MOTION SENSORS, RE: MEP SPECS
50	EXISTING CAMERA TO BE RELOCATED BY FISK ELECTRIC IN COORINATION WITH OWNER AND DRAWINGS.



**6** UNIT 1D REFLECTED CEILING PLAN  
1/8" = 1'-0"



**3** WALL TO CEILING DETAIL  
3/8" = 1'-0"

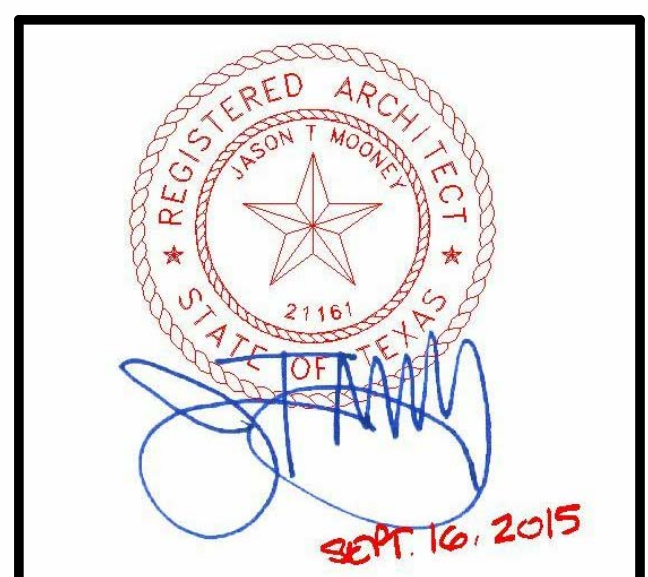
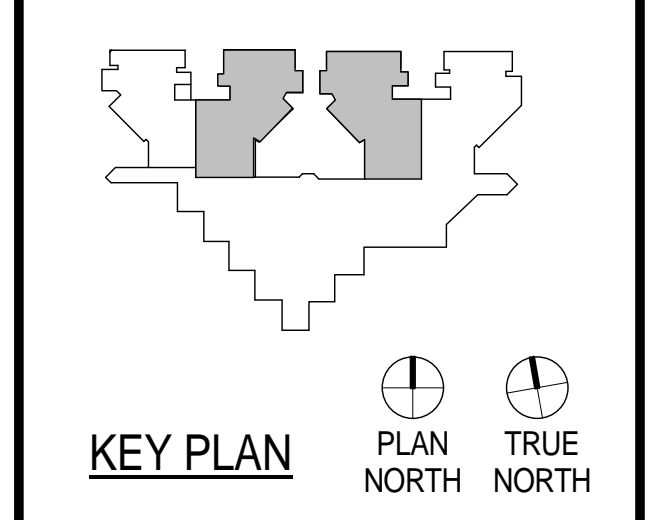


**1** WOOD CEILING DETAIL  
1/12" = 1'-0"

11 Greenway Plaza, 22nd Floor  
Houston, TX 77046  
713-965-0658 P  
713-961-4571 F  
Texas Registered Engineering Firm: F-3709

In Association with:  
MEP:  
Shah Smith & Associates, Inc.  
2825 Wilcrest, Suite #550  
Houston, Texas 77046  
713-780-7563 P  
713-780-6209 F  
Texas Registered Engineering Firm: F-2113

# HARRIS COUNTY PSYCHIATRIC CENTER UNIT 1D AND 2B RENOVATION



CLIENT

PROJECT NUMBER 14265  
DATE SEPTEMBER 16, 2015  
DRAWN BY VG  
CHECKED BY JM  
REVISIONS

No.	Description	Date

## UNIT 2B REFLECTED CEILING PLAN AND DETAILS

A-122

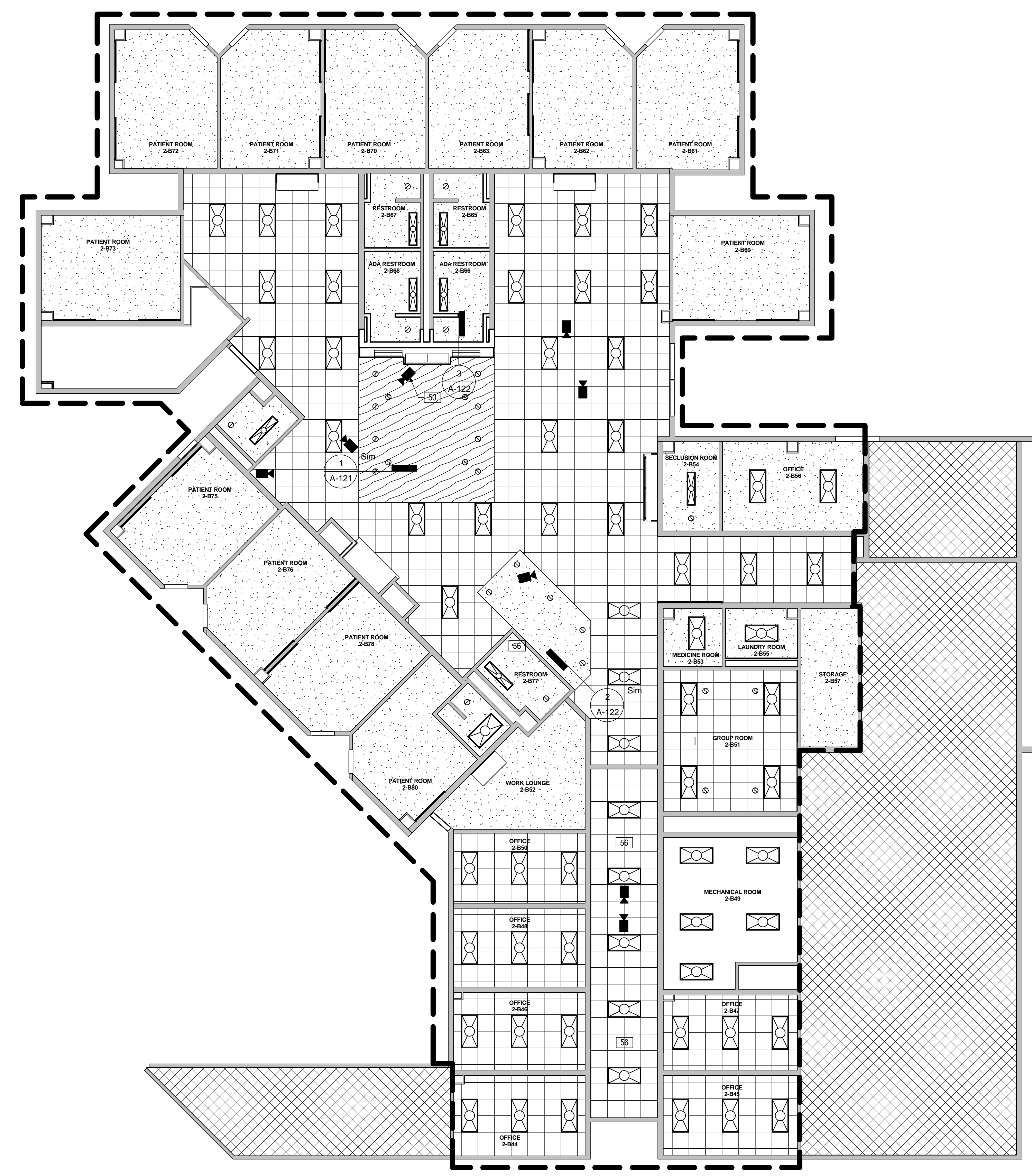
- REFLECTED CEILING PLAN GENERAL NOTES
- THE CONTRACTOR SHALL COMPARE THIS REFLECTED CEILING PLAN WITH INDICATED ELECTRICAL LIGHTING PLANS, MECHANICAL SUPPLY, RETURN AND EXHAUST PLANS, MECHANICAL FIXTURES ARE NOT INDICATED ON THIS PLAN, RE: MEP. THE CONTRACTOR SHALL REPORT ANY OMISSIONS OR INCONSISTENCIES TO THE ARCHITECT.
  - SEE ELECTRICAL DRAWINGS FOR THE LOCATIONS OF CEILING MOUNTED SMOKE DETECTORS, PEAKERS, EXIT SIGNAGE AND FIRE ALARM DEVICES, ETC. ALSO SEE ELECTRICAL FOR LOCATIONS OF WALL MOUNTED EXIT LIGHTS.
  - SPRINKLER HEADS ARE NOT SHOWN ON ARCHITECTURAL REFLECTED CEILING PLANS. CONTRACTOR TO INSTALL SUFFICIENT HEADS IN ALL SPACES TO PROVIDE 100% COVERAGE AS REQUIRED UNDER NFPA 13 AND OWNERS' INSURANCE COMPANIES' REQUIREMENTS. CENTER ALL SPRINKLER HEADS IN CEILING TILES AND GYPSUM BOARD CEILINGS.
  - CEILING ACCESS PANELS ARE NOT SHOWN ON ARCHITECTURAL REFLECTED CEILING PLANS. THE CONTRACTOR SHALL VERIFY THAT ACCESS PANELS OF TYPE SPECIFIED ARE INSTALLED IN NON-ACCESSIBLE TYPE CEILINGS WHERE SERVICE OR ADJUSTMENT TO MECHANICAL, PLUMBING, OR ELECTRICAL ITEMS MAY BE REQUIRED. ACCESS PANELS SHALL BE EQUAL TO THE RATING OF THE WALL OR CEILING IN WHICH THEY OCCUR.
  - 18" MINIMUM VERTICAL CLEARANCE SHALL BE MAINTAINED BETWEEN THE BOTTOM OF THE EXTENDED SPRINKLER HEADS AND THE TOP OF ANY FILES, SHELVING, LOCKERS, ETC.
  - PRE-MANUFACTURED SHOWER UNITS ARE PROVIDED WITH LIGHT FIXTURES (RE: ELECTRICAL FOR CONNECTION.)
  - ALL CEILING ELEMENTS TO BE PLACED IN THE CENTER OF CEILING TILE OR CENTER OF GYP. BOARD CEILING AREA U.N.O.
  - ALL CEILING GRIDS TO BE CENTERED BETWEEN WALLS U.N.O.
  - V.I.F CEILING HEIGHT. ALL ACOUSTICAL CEILINGS TO MATCH EXISTING CEILING HEIGHT UNLESS NOTED OTHERWISE.
  - SAW CUT AND REMOVE EXISTING SLAB AND FLOOR FINISHES AS REQUIRED TO INSTALL NEW PLUMBING LINES, FLOOR DRAINS, FIXTURES OR ELECTRICAL ITEMS. SPLICE NEW REINFORCING BARS DOWELED INTO EXISTING CONCRETE AND PROVIDE NEW VAPOR RETARDER AND WATERSTOPS, PATCH WITH A MINIMUM OF 3000 PSI CONCRETE AFTER INSTALLATION OF UTILITIES AND FIXTURES. PREPARE CONCRETE RECEIVE NEW FINISH.

REFLECTED CEILING PLAN LEGEND

	SUSPENDED 2' X 2' ACOUSTICAL CEILING SYSTEM (APC)
	2X4 FLORESCENT
	2X2 FLORESCENT
	1 x 4 LIGHT FIXTURE
	RECESSED CAN LIGHT FIXTURE
	WALL MOUNTED LIGHT
	SUPPLY AIR GRILLE REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION
	RETURN AIR GRILLE REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION
	SUPPLY STRIP DIFFUSER RE: MECHANICAL
	CEILING DETAIL TAG
	CEILING HEIGHT DESIGNATION PER AREA.
	SHOWER DOME LIGHT (BY SHOWER MANUFACTURER).
	UNDER COUNTER TASK LIGHTING (N/A)
	FLORESCENT STRIP COVE LIGHTING (N/A)
	GYP. BOARD CEILING
	SUSPENDED CEMENT PLASTER SOFFIT
	EXPOSED STRUCTURE. PAINT ALL ITEMS ABOVE CEILING IN OCCUPIED SPACES
	SPEAKER ALL SPEAKERS TO BE ROUTED BACK TO SOURCE; 1-D11, 1-D12, 1-D14 WILL BE ROUTED BACK TO 1-D37; 2-B51 AND 2-B54 WILL ROUTE BACK TO 2-B52; SPEAKERS IN COMMON AREAS (1-H07 AND 2-H1) WILL ROUTE BACK TO RESPECTIVE TV LOCATIONS. CONFIRM ALL ROUTING LOCATIONS WITH OWNER
	SECURITY CAMERA
	EXIT LIGHT
	THERMOSTAT
	ONLY FISK ELECTRIC TO REMOVE EXISTING CAMERAS PRIOR TO DEMOLITION AND STORE DEVICES WITHIN HCPC OR REMOTE LOCATION AS COORDINATED WITH OWNER. FISK ELECTRIC TO REINSTALL CAMERA AND COMPLETION OF PROJECT.

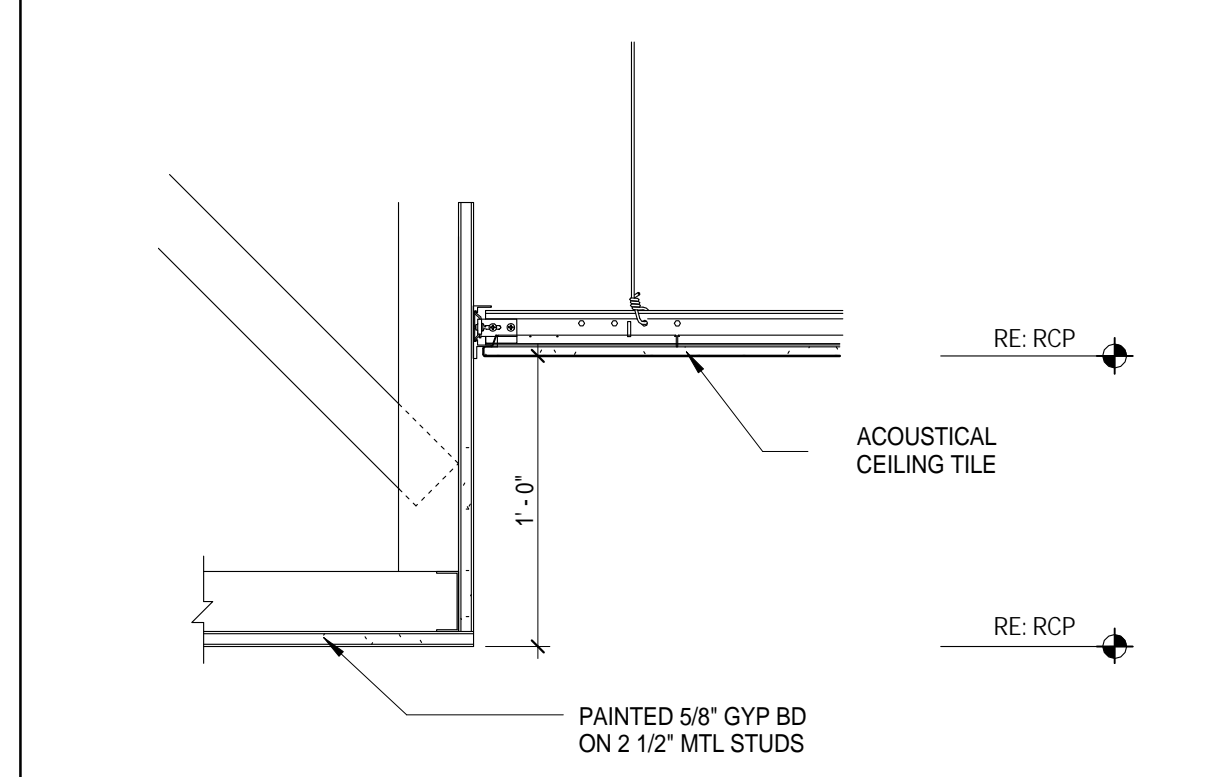
Keynote Legend

Key Value	Keynote Text
50	EXISTING CAMERA TO BE RELOCATED BY FISK ELECTRIC IN COORDINATION WITH OWNER AND DRAWINGS.
56	HARD CEILING TO REMAIN. ADD ACOUSTICAL CEILING BELOW HARD CEILING TO MATCH CEILING HEIGHT OF ACT IN ADJACENT ROOM

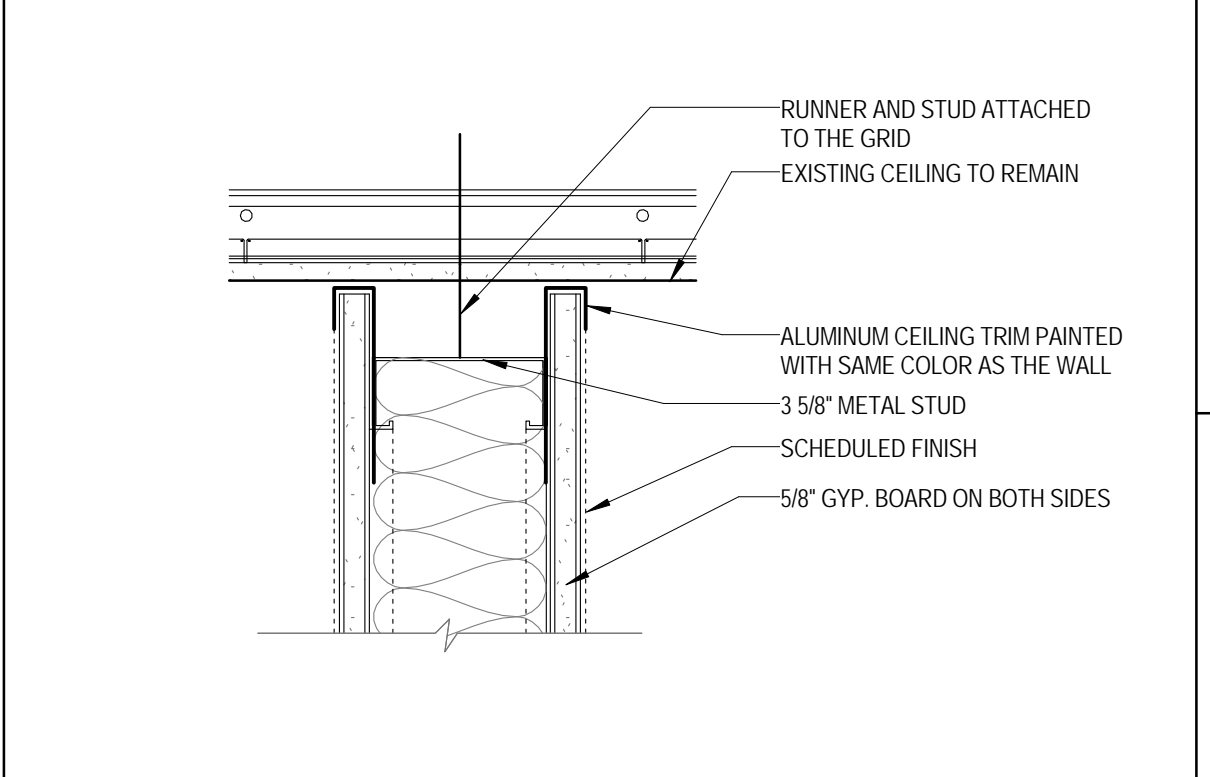


4 UNIT 2B REFLECTED CEILING PLAN  
1/8" = 1'-0"

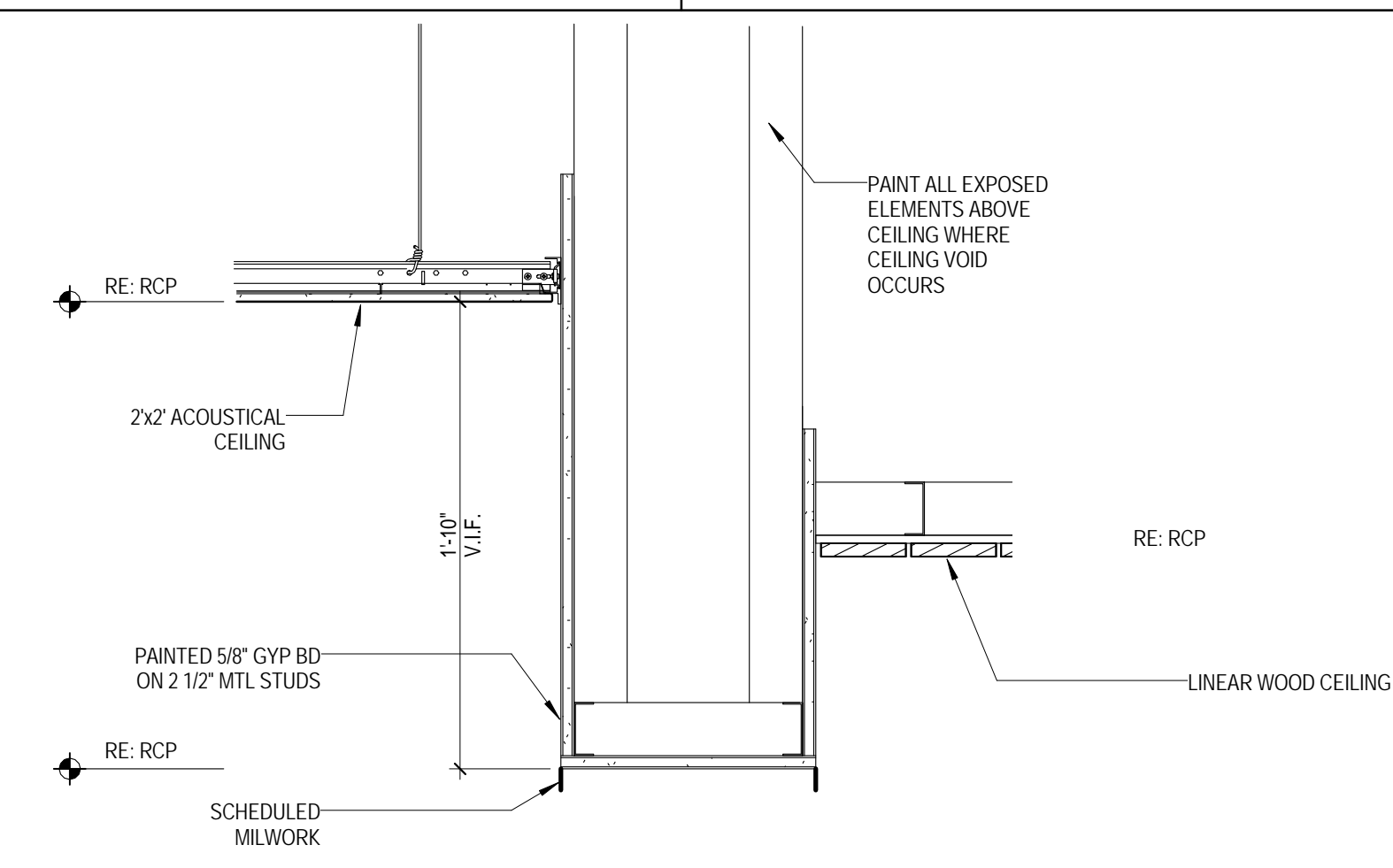
3 HEARTH WALL CEILING DETAIL  
1 1/2" = 1'-0"



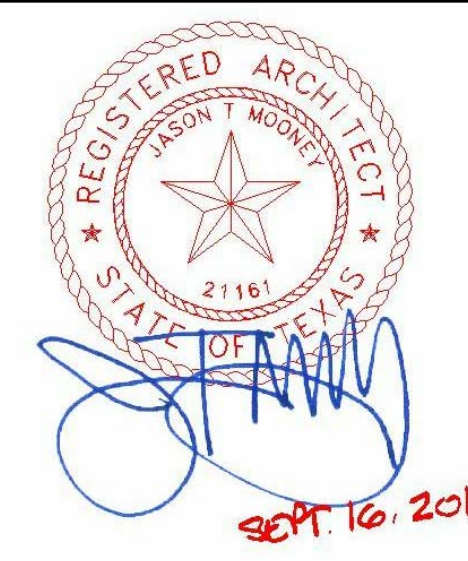
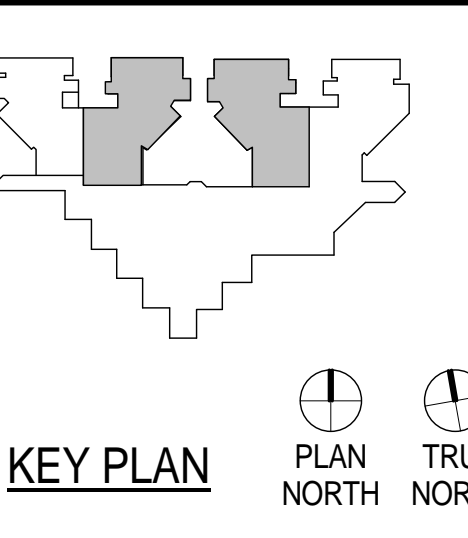
2 NURSE STATION DETAIL  
1 1/2" = 1'-0"



1 WALL TO CEILING DETAIL  
3\"/>



**HARRIS COUNTY  
PSYCHIATRIC CENTER UNIT  
1D AND 2B RENOVATION**



CLIENT



PROJECT NUMBER 14265  
DATE SEPTEMBER 16, 2015  
DRAWN BY VG  
CHECKED BY JM  
REVISIONS

No.	Description	Date

ISSUE FOR CONSTRUCTION

**ENLARGED FLOOR  
PLANS & ELEVATIONS**

**A-401**

**TOILET ACCESSORIES**

LABEL	DESCRIPTION	REMARKS
TA1	RECESSED TOILET PAPER DISPENSER, MANUFACTURER: ODDBALL INDUSTRIES	
TA2	18" X 24" MIRROR- MANUFACTURER: ODD BALL INDUSTRIES MFG. CO. INC. MODEL: SP-8	
TA3	GRAB BARS AT TYPICAL H.C. TOILET STALL	
TA4	CLOTHES/ TOWEL HOOK	
TA5	SANITARY NAPKIN DISPENSER	
TA6	GRAB BARS AT ACCESSIBLE SHOWER	
TA7	CLOTHES HOOK	
TA8	SHOWER/PRIVACY CURTAIN	
TA9	COMBO PAPER TOWEL DISPENSER/TRASH RECEPTACLE	NOTE 5
TA10	GRAB BARS AT ALTERNATE ACCESSIBLE TOILET	

NOTE: ALL TOILET ACCESSORIES SHALL BE CONTRACTOR FURNISHED AND INSTALLED UNLESS NOTED OTHERWISE

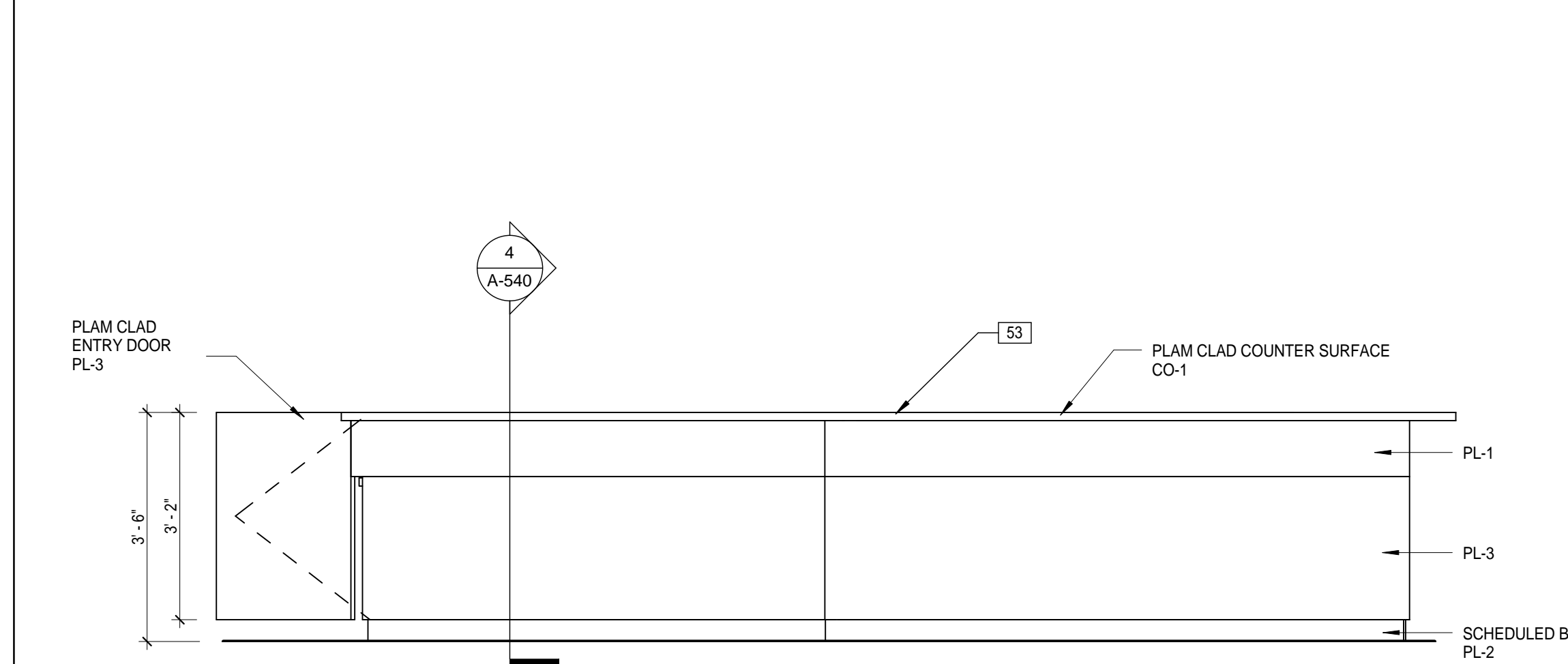
- COORDINATE FINAL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
- CONTRACTOR IS TO VERIFY ALL HEIGHTS OF ACCESSORIES TO COMPLY WITH ADA.
- REFER TO ALL FINISHES AND COLORS IN FINISH SCHEDULE. VERIFY ALL PATTERNS WITH ARCHITECT.
- ALIGN MIRROR ON CENTER OF LAVATORY.
- ONE HOOK INSIDE DOOR AT EACH TOILET PARTITION. ONE HOOK INSIDE DOOR AT SINGLE TOILET ROOMS AND ONE HOOK AT EACH SHOWER.
- REFER TO INTERIOR FINISH LEGEND FOR NURSE STATION FINISHES.

Keynote Legend	
Key Value	Keynote Text
17	HEAD WALL PANEL
25	DESK/ SHELF COMBO
27	REMOVE ELEC/DATA BACK TO CEILING TO RUN IN NEW RACEWAY (SURFACE)
53	PROVIDE A MINIMUM OF 6 BLACK GROMMETS WITH A 4-1/2" DIAMETER; COORDINATE FINAL LOCATIONS WITH OWNER IN FIELD.

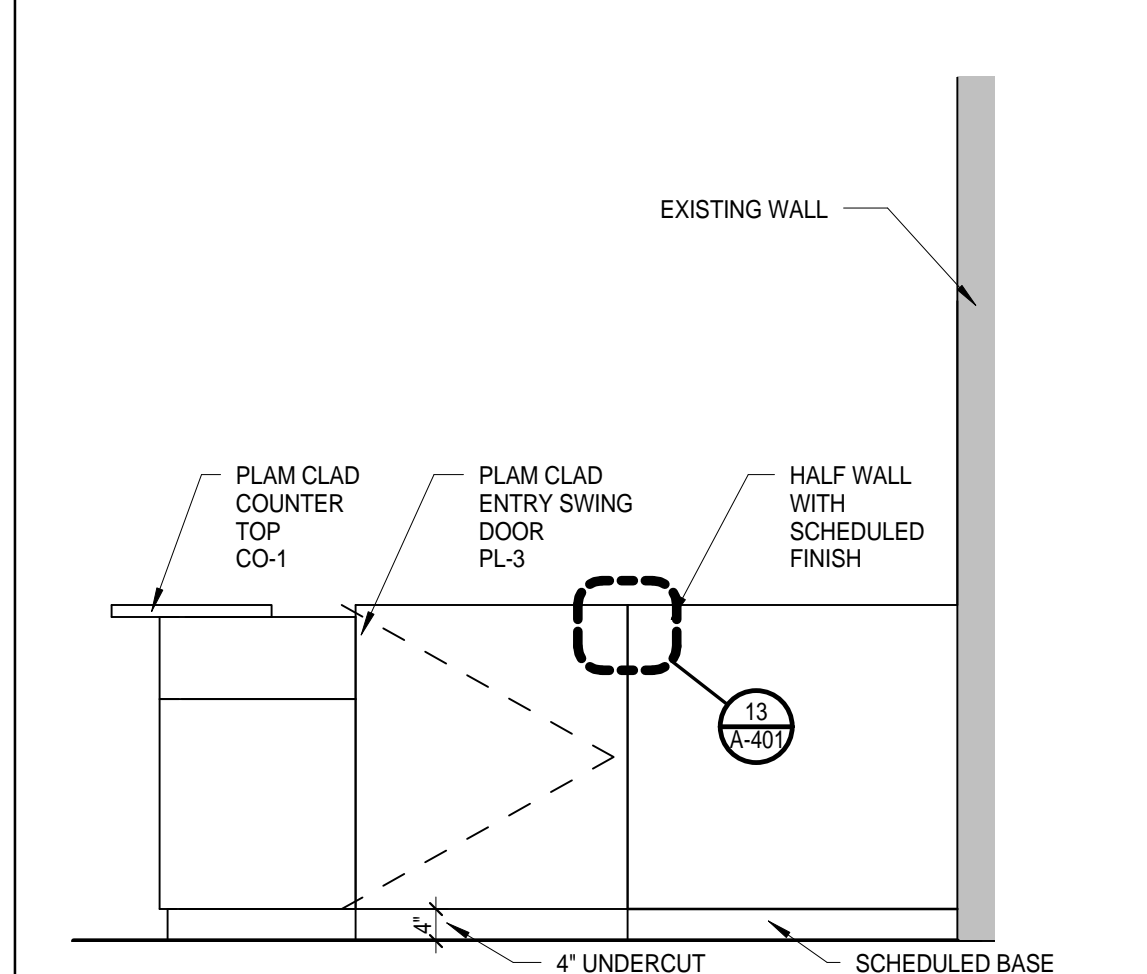
**FINISH SECTIONS - NURSE STATION**

- CO-1 (COUNTERTOPS) CORIAN "COTTAGE LINE"
- PL-1 (UPPER FRAME) WILSONART PLASTIC LAMINATE "DESERT ZEPHYR" #4841-60
- PL-2 WILSONART #6257 (419) SATIN BRUSHED NATURAL ALUMINUM (OUTSIDE & INSIDE NURSE STATION)
- PL-3 WILSONART #7951K-18 "ASIAN SUN" P-LAMINATE (OUTSIDE & INSIDE NURSE STATION)

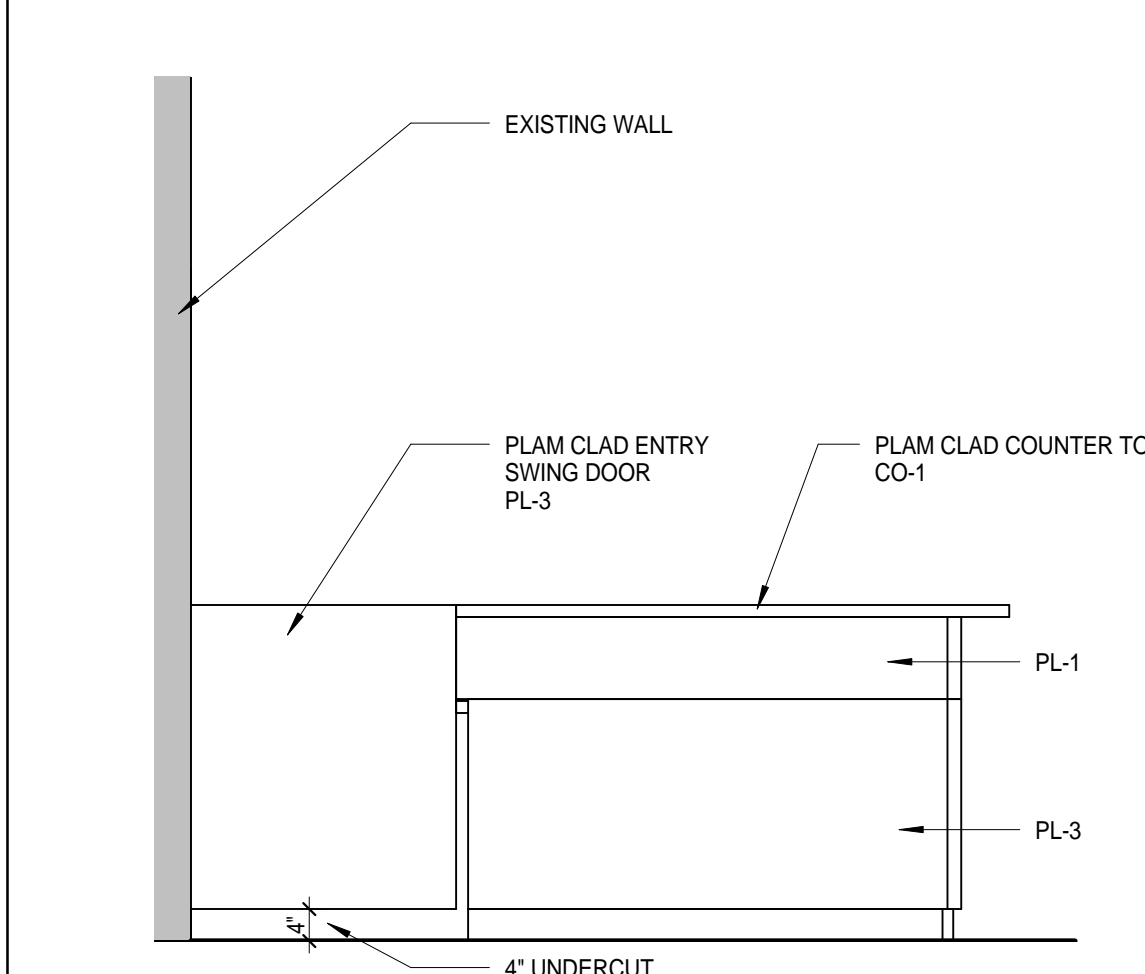
**11 NURSE STATION-INTERIOR**  
1/2" = 1'-0"



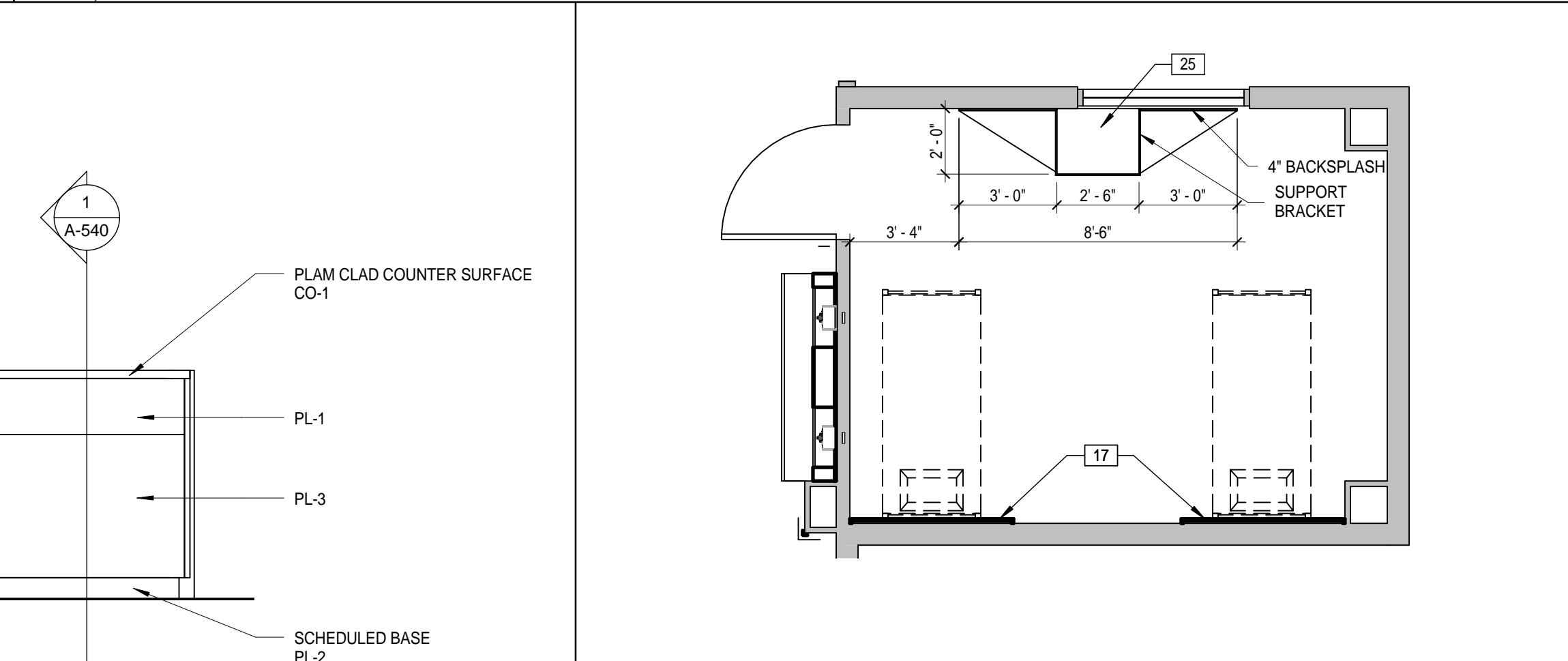
**12 NURSE STATION-INTERIOR**  
1/2" = 1'-0"



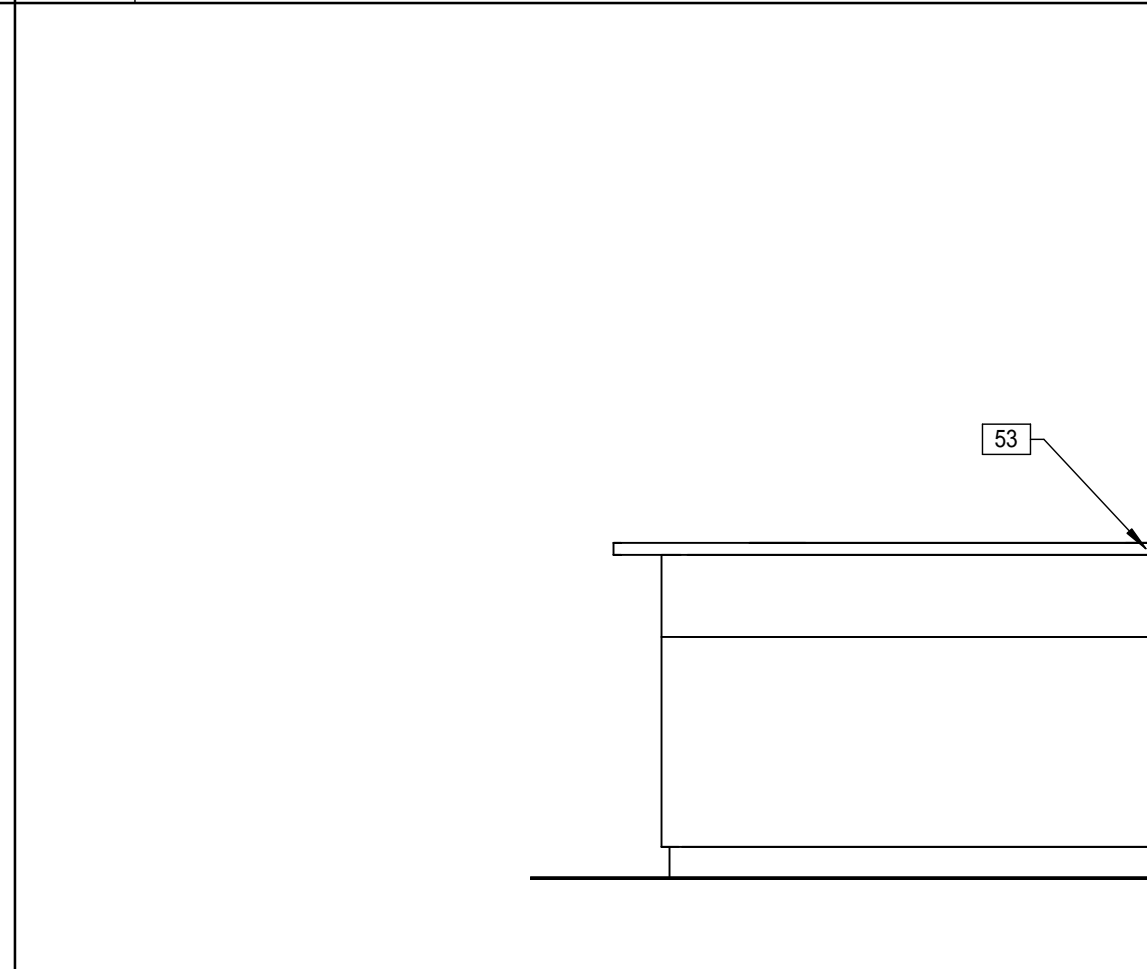
**13 NURSE STATION DETAIL**  
3" = 1'-0"



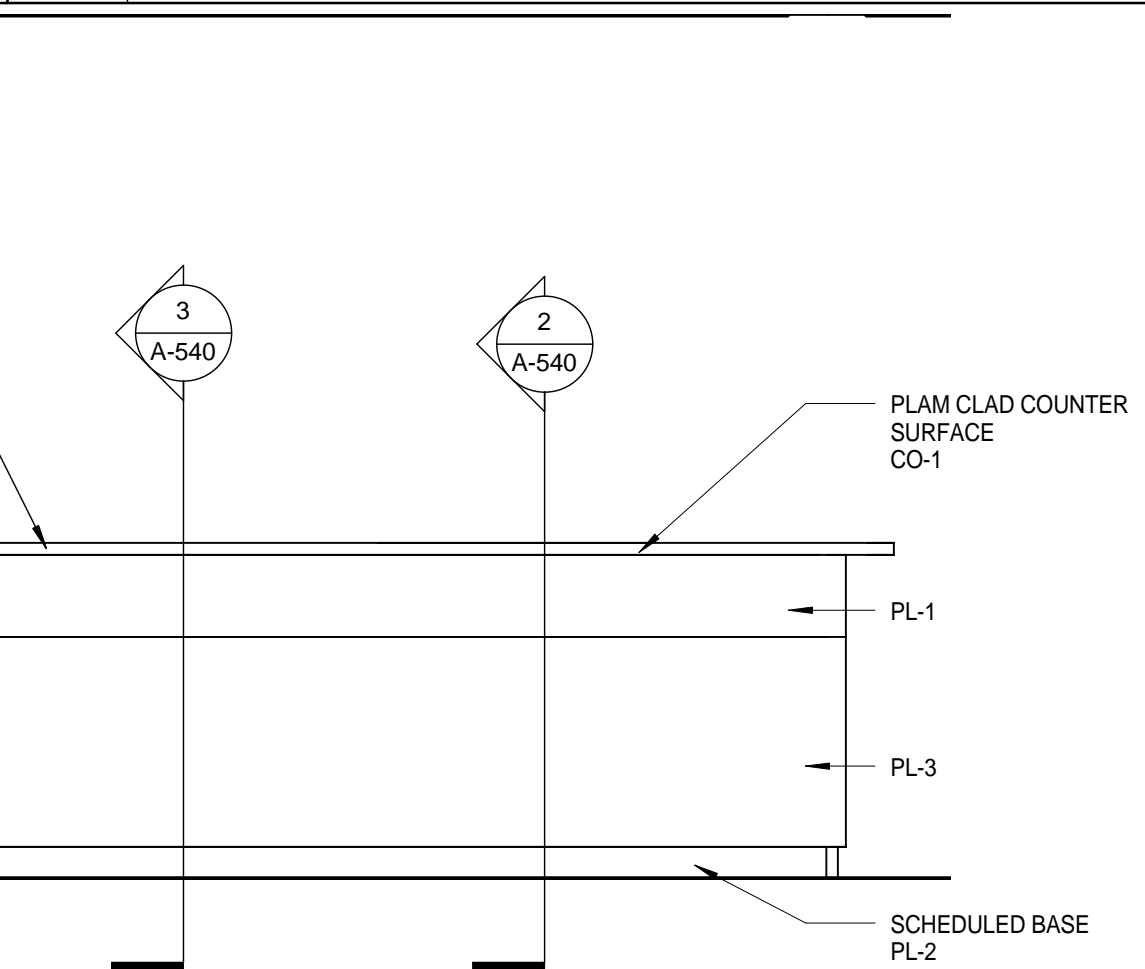
**7 NURSE STATION - EXTERIOR**  
1/2" = 1'-0"



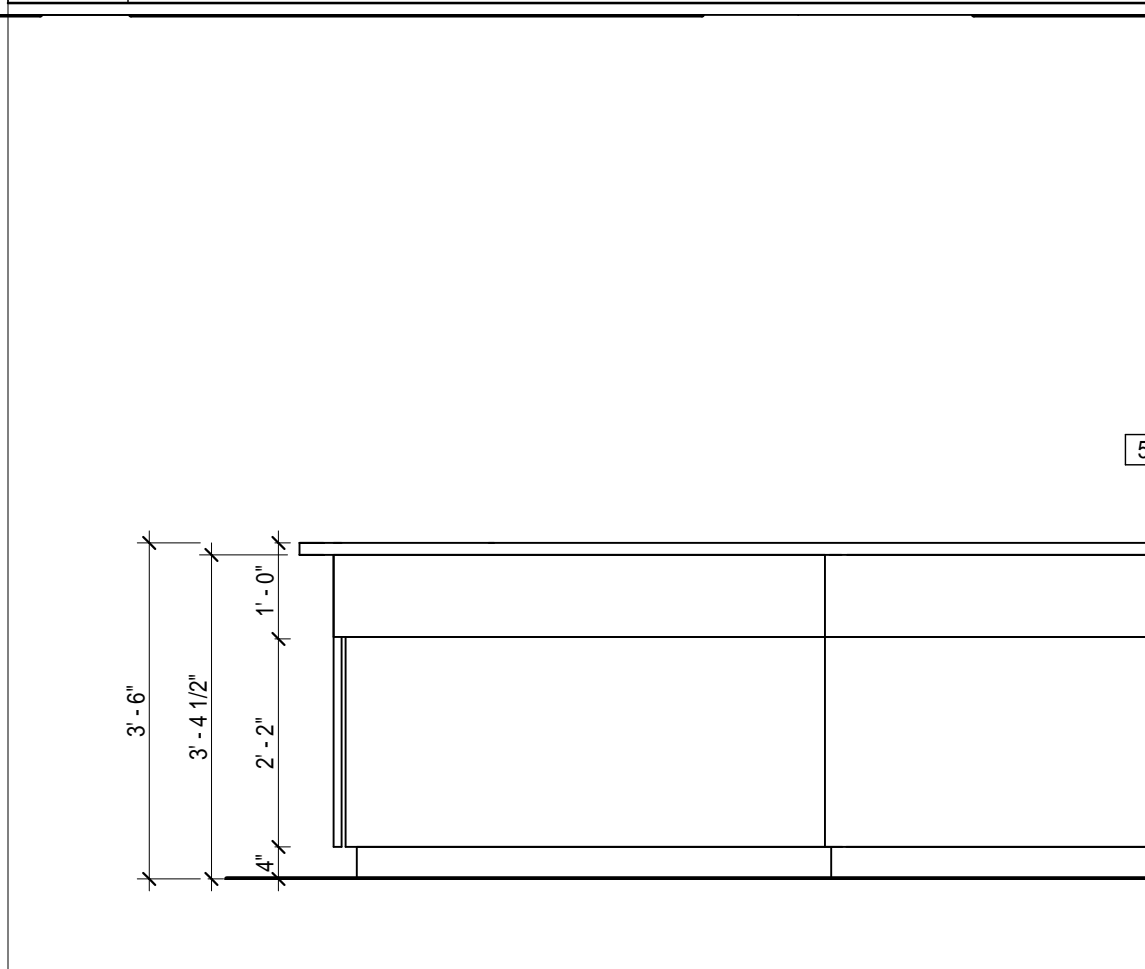
**8 NURSE STATION-EXTERIOR**  
1/2" = 1'-0"



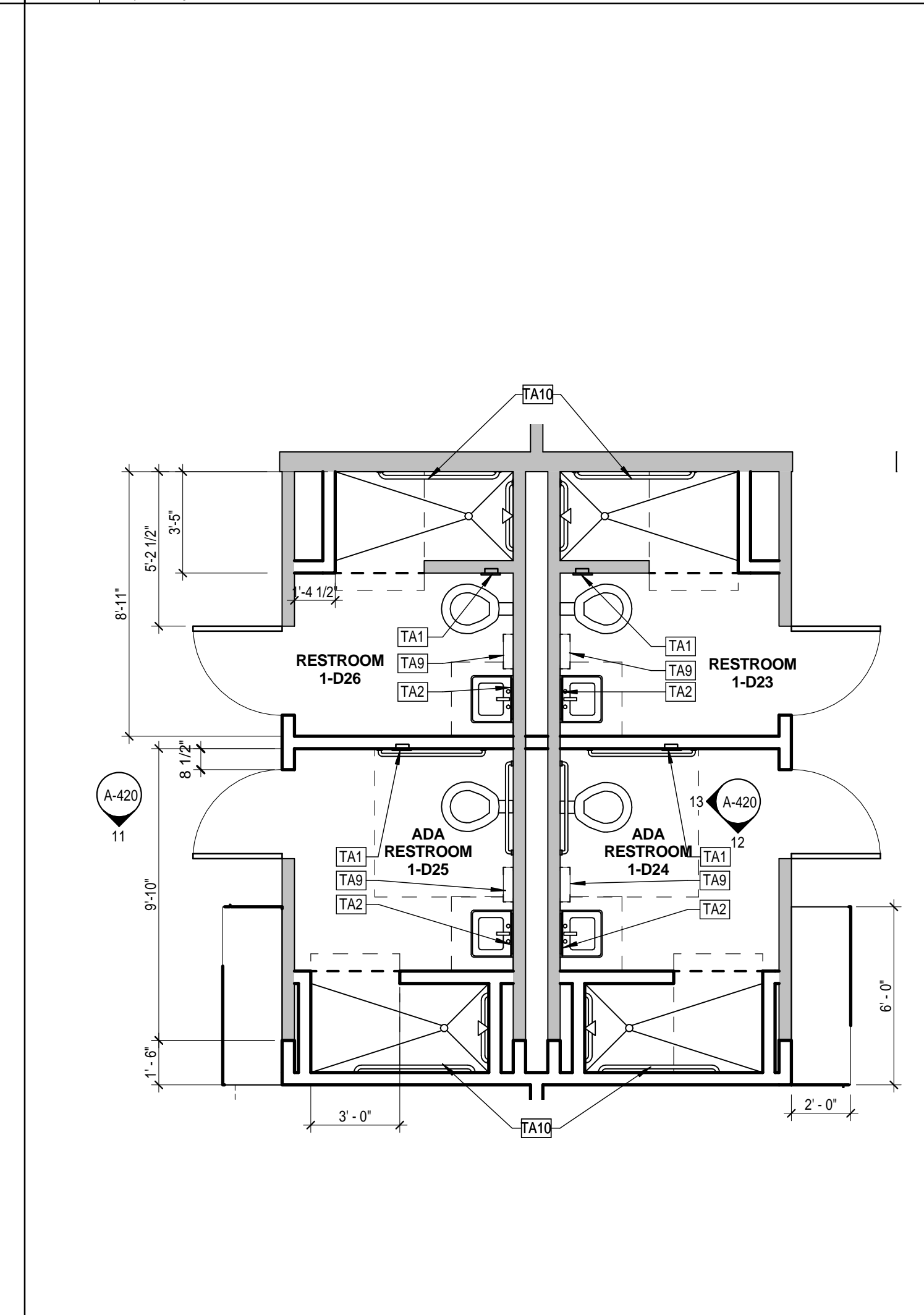
**9 NURSE STATION-EXTERIOR**  
1/2" = 1'-0"



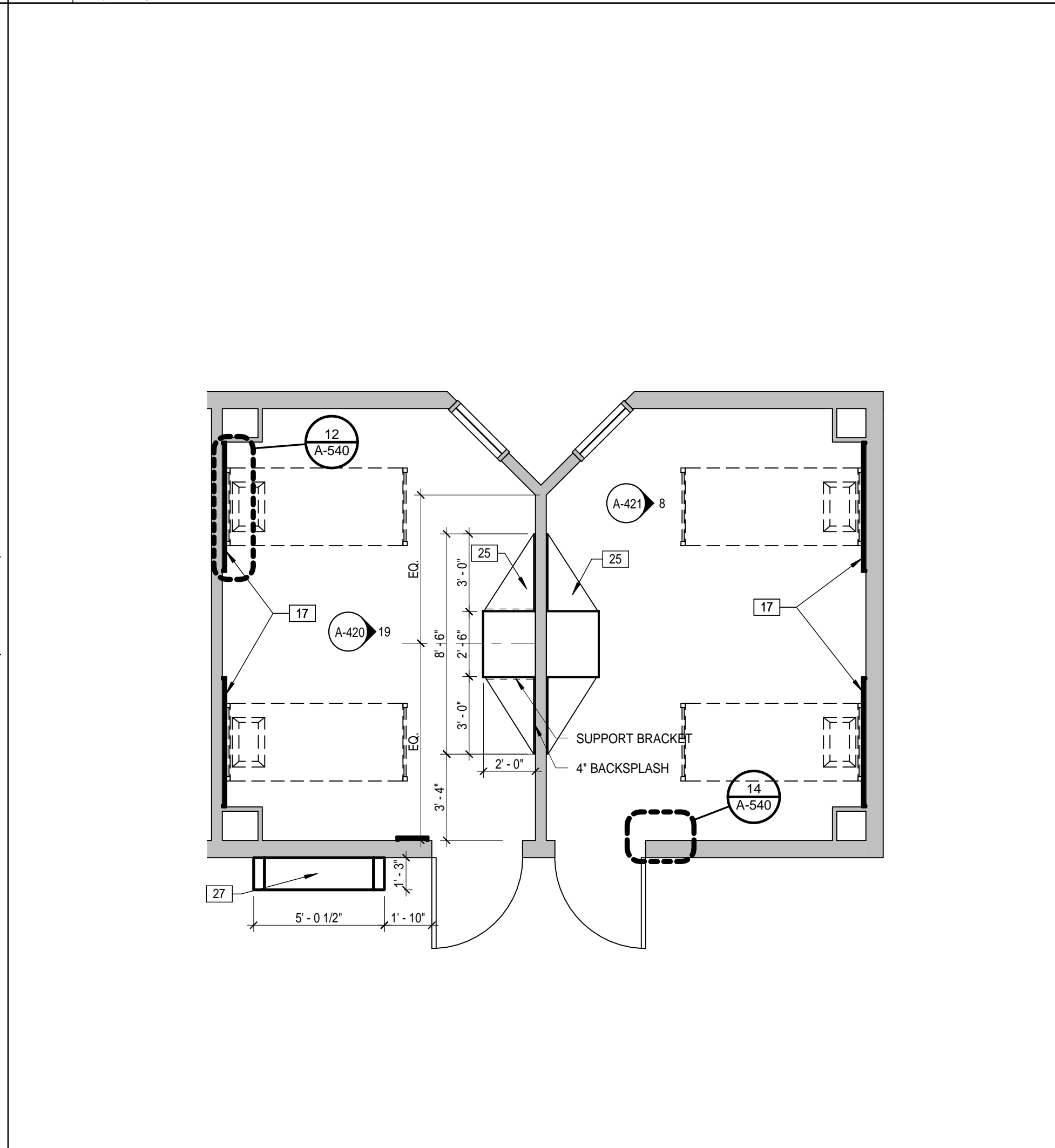
**10 NURSE STATION - INTERIOR**  
1/2" = 1'-0"



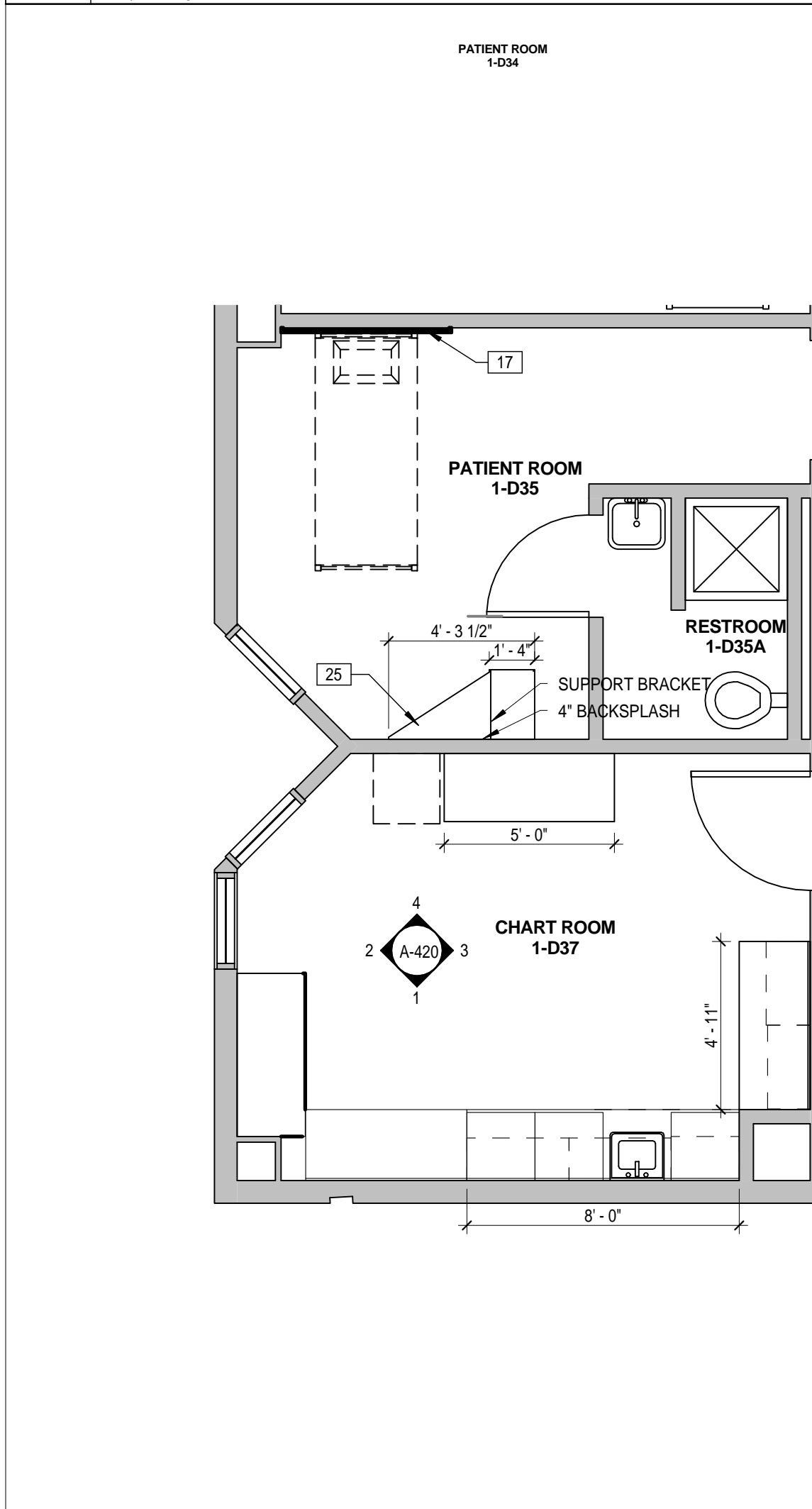
**4 TYPICAL SINGLE PATIENT ROOM**  
1/4" = 1'-0"



**5 NURSE STATION - EXTERIOR**  
1/2" = 1'-0"



**6 NURSE STATION - EXTERIOR**  
1/2" = 1'-0"



**1 1D BATHROOM CLUSTER**  
1/4" = 1'-0"

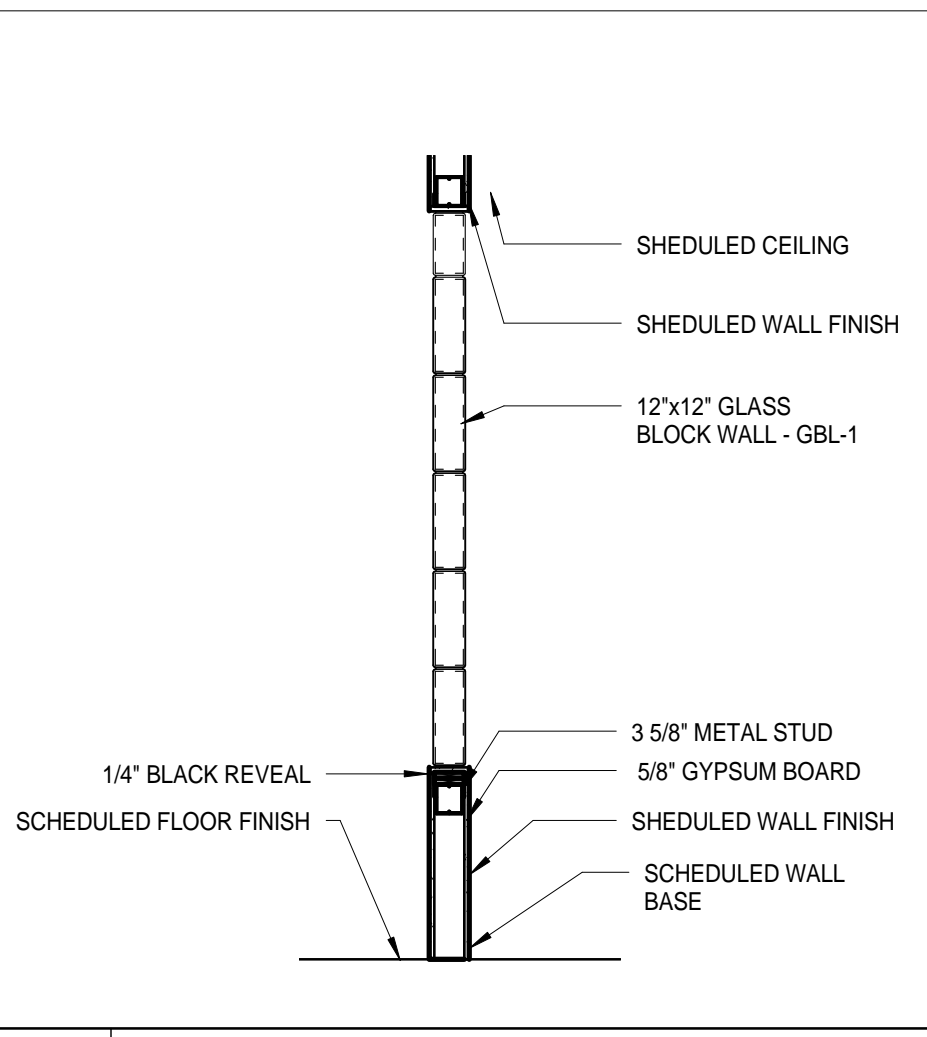


**2 TYPICAL ADJACENT PATIENT ROOMS**  
1/4" = 1'-0"

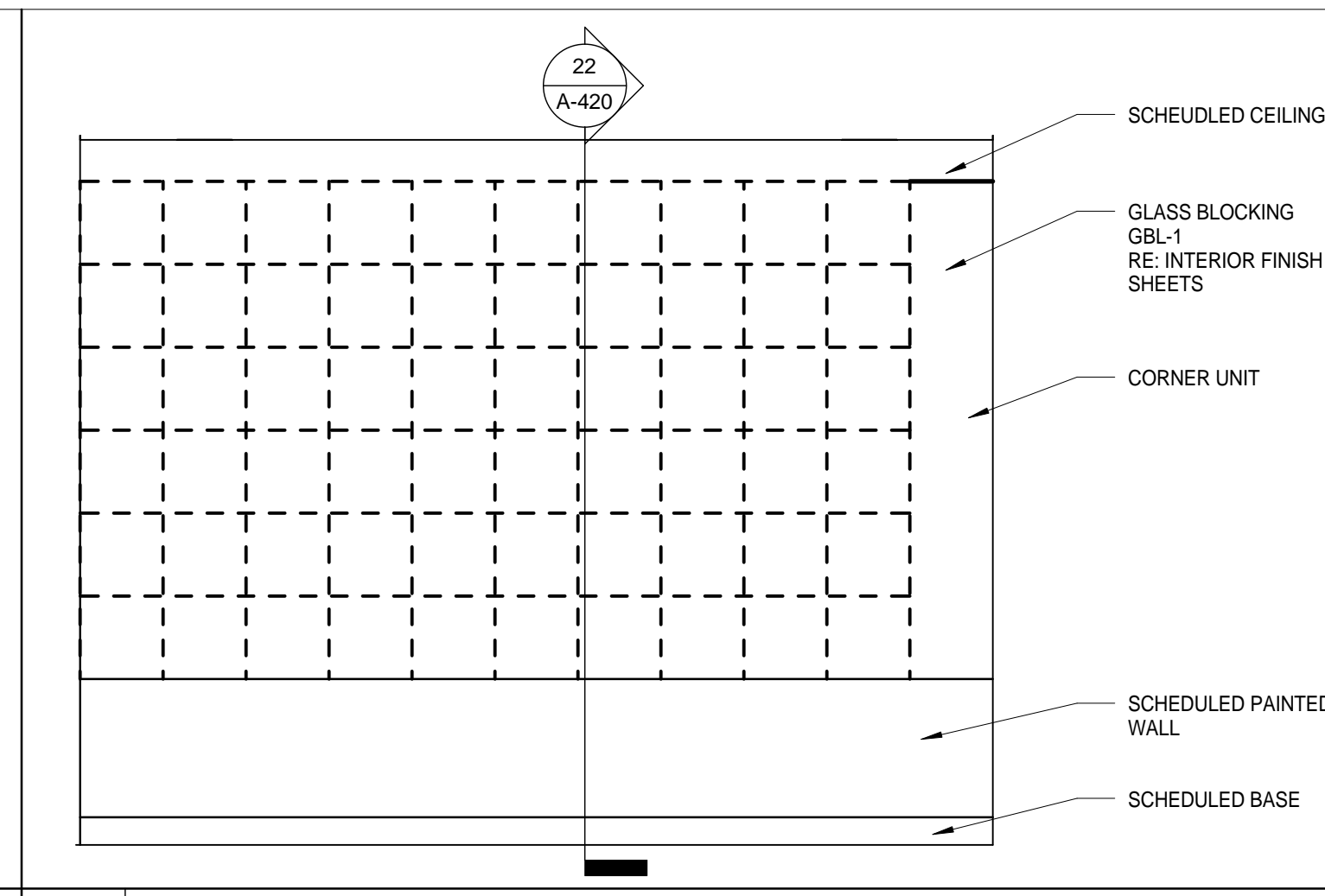


**3 PATIENT ROOM, CHART ROOM, MEDICINE ROOM, AND NURSE STATION**  
1/4" = 1'-0"

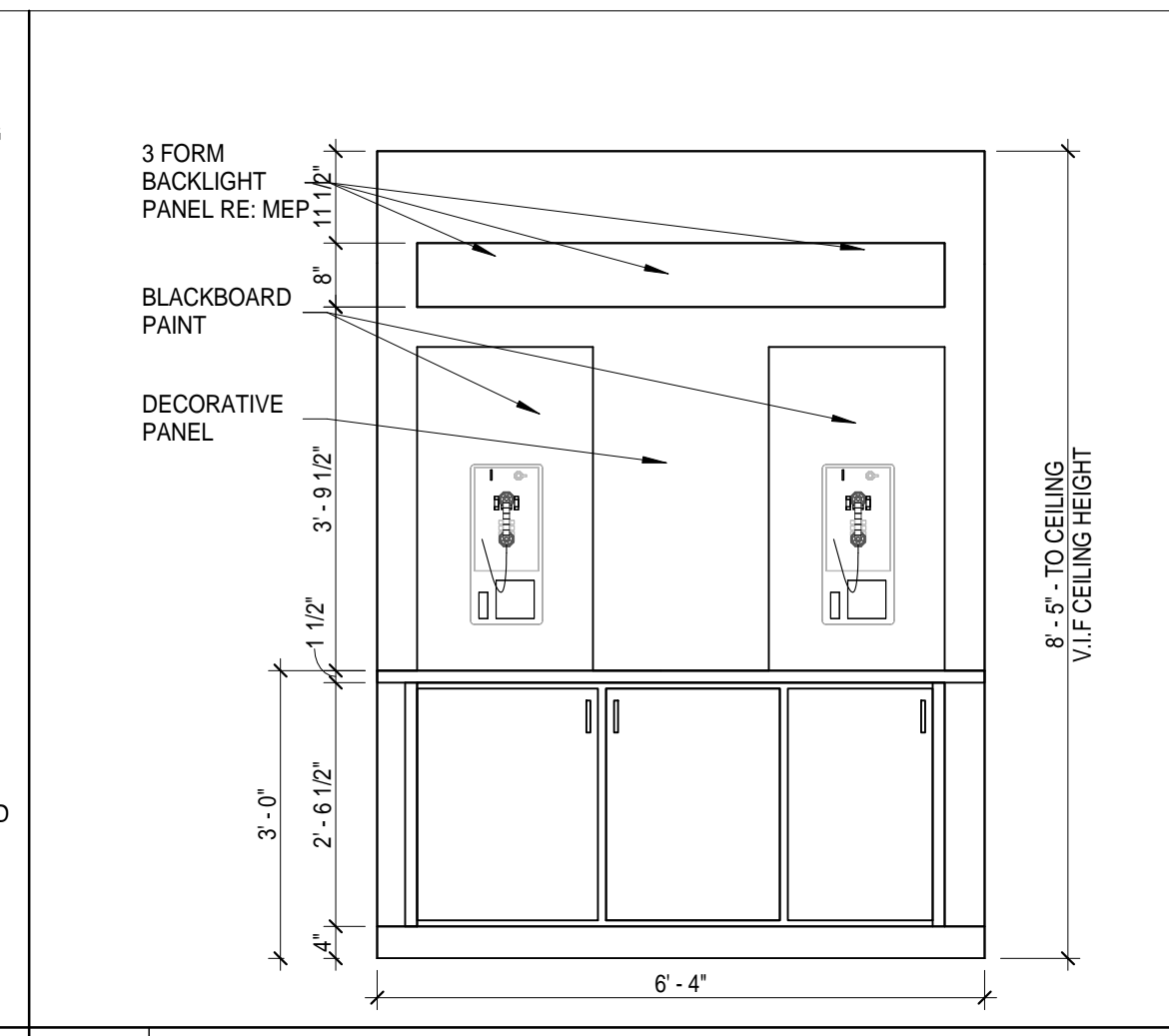




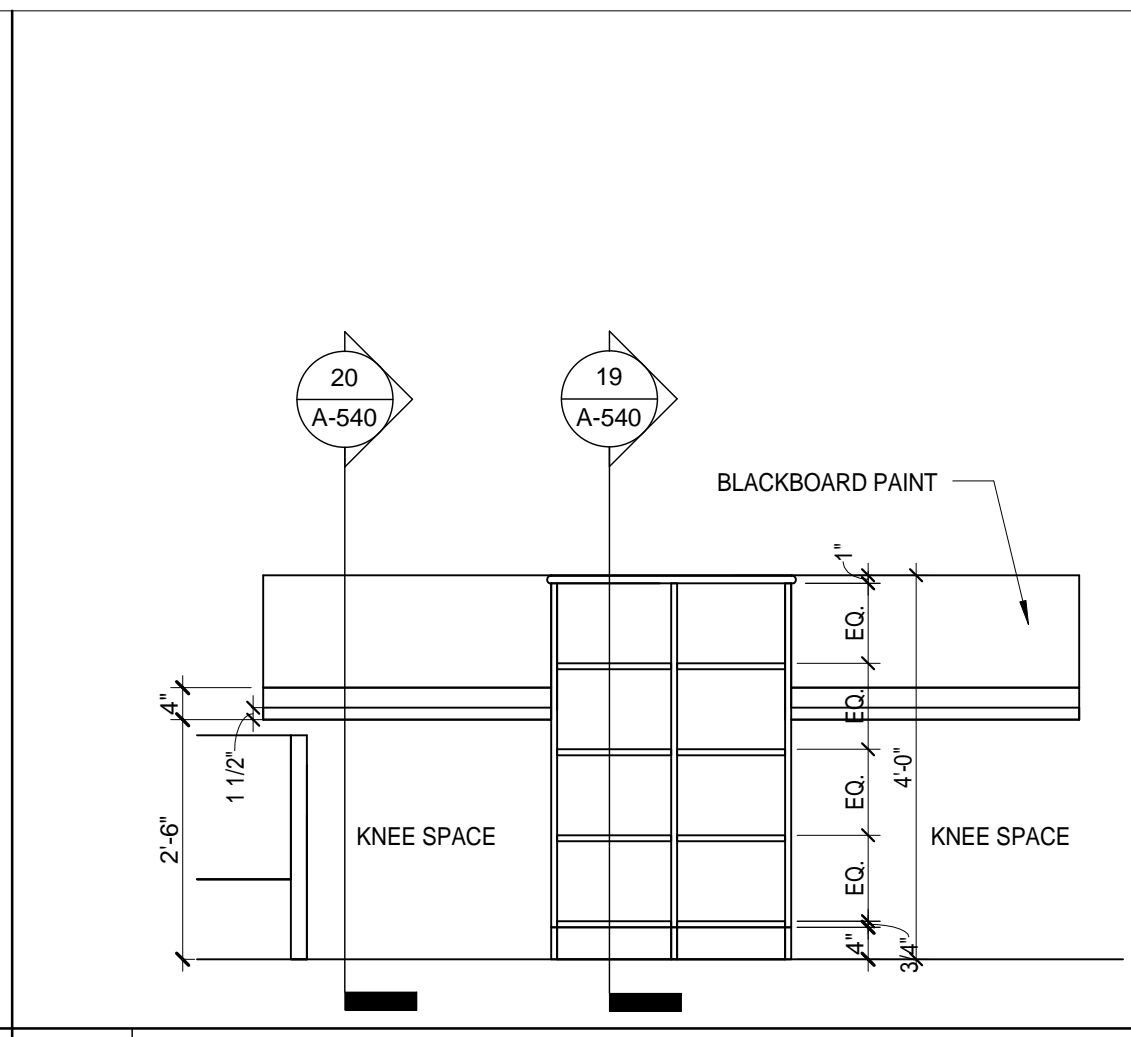
**22 GLASS BLOCK WALL SECTION**  
1/2" = 1'-0"



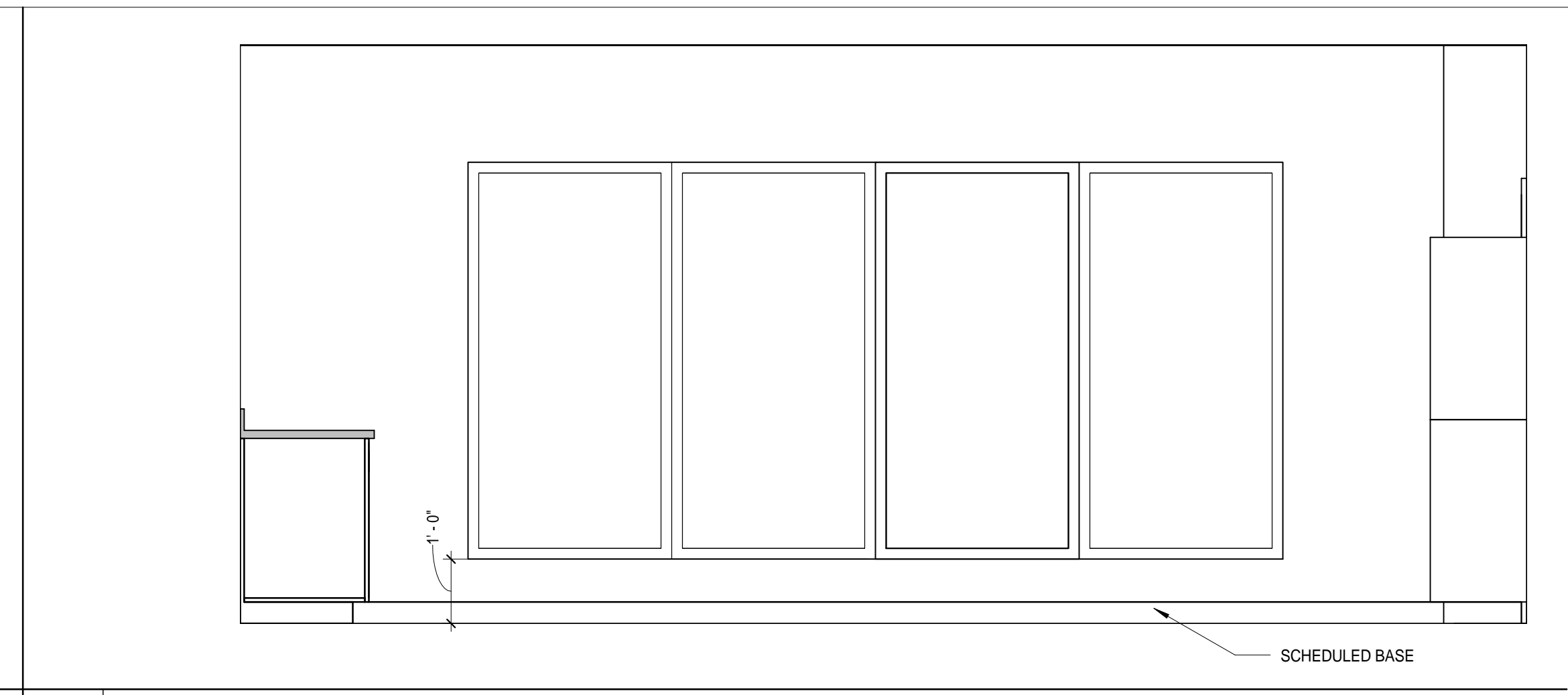
**21 1D GLASS BLOCK WALL**  
1/2" = 1'-0"



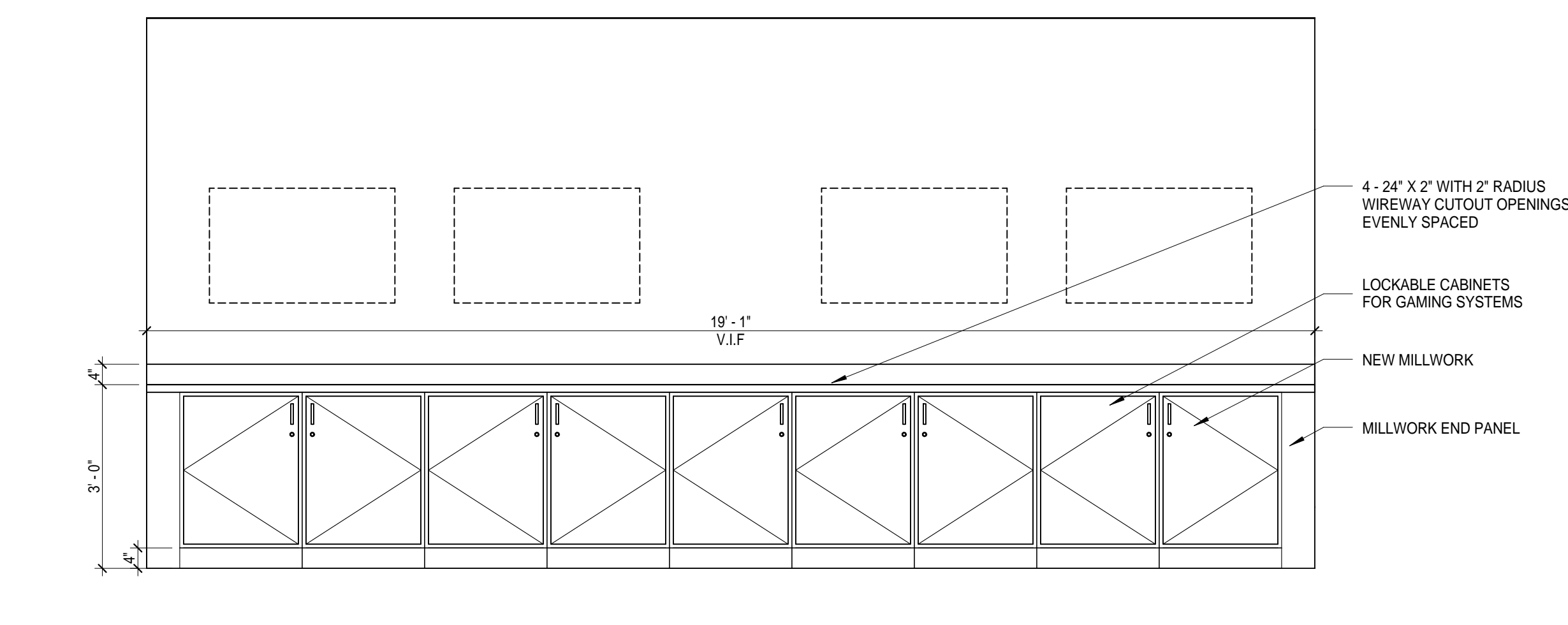
**20 TELEPHONE WALL**  
1/2" = 1'-0"



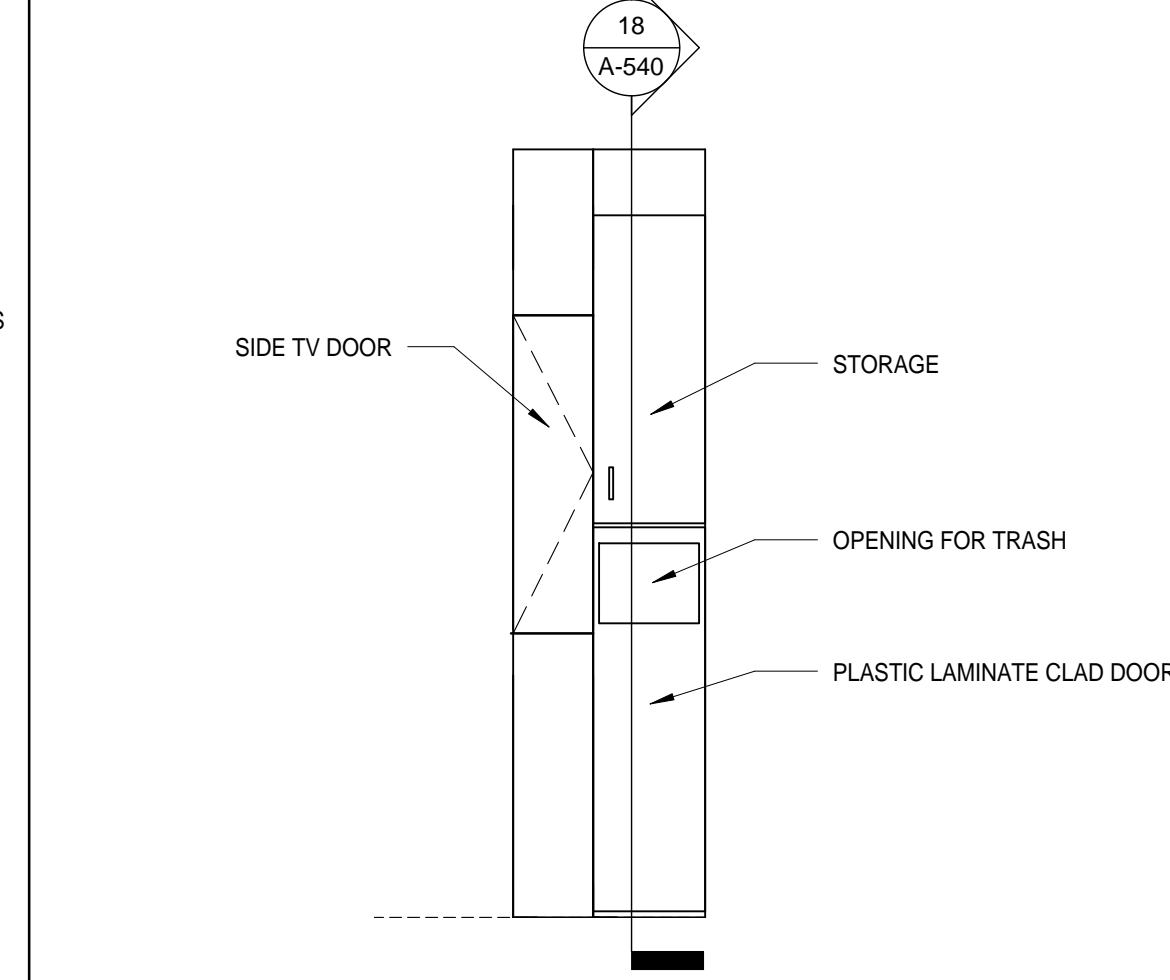
**19 PATIENT DESK**  
1/2" = 1'-0"



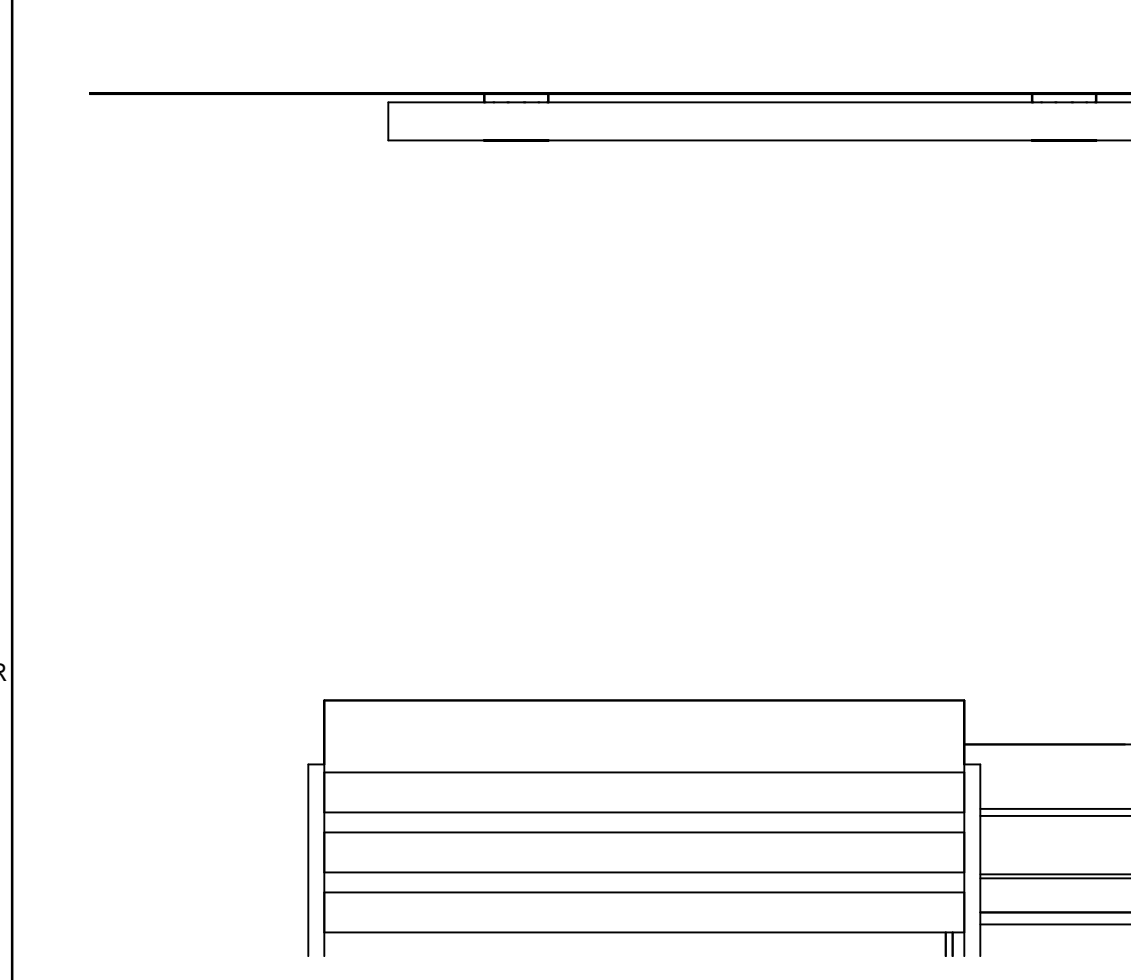
**18 GAME ROOM WEST WALL**  
1/2" = 1'-0"



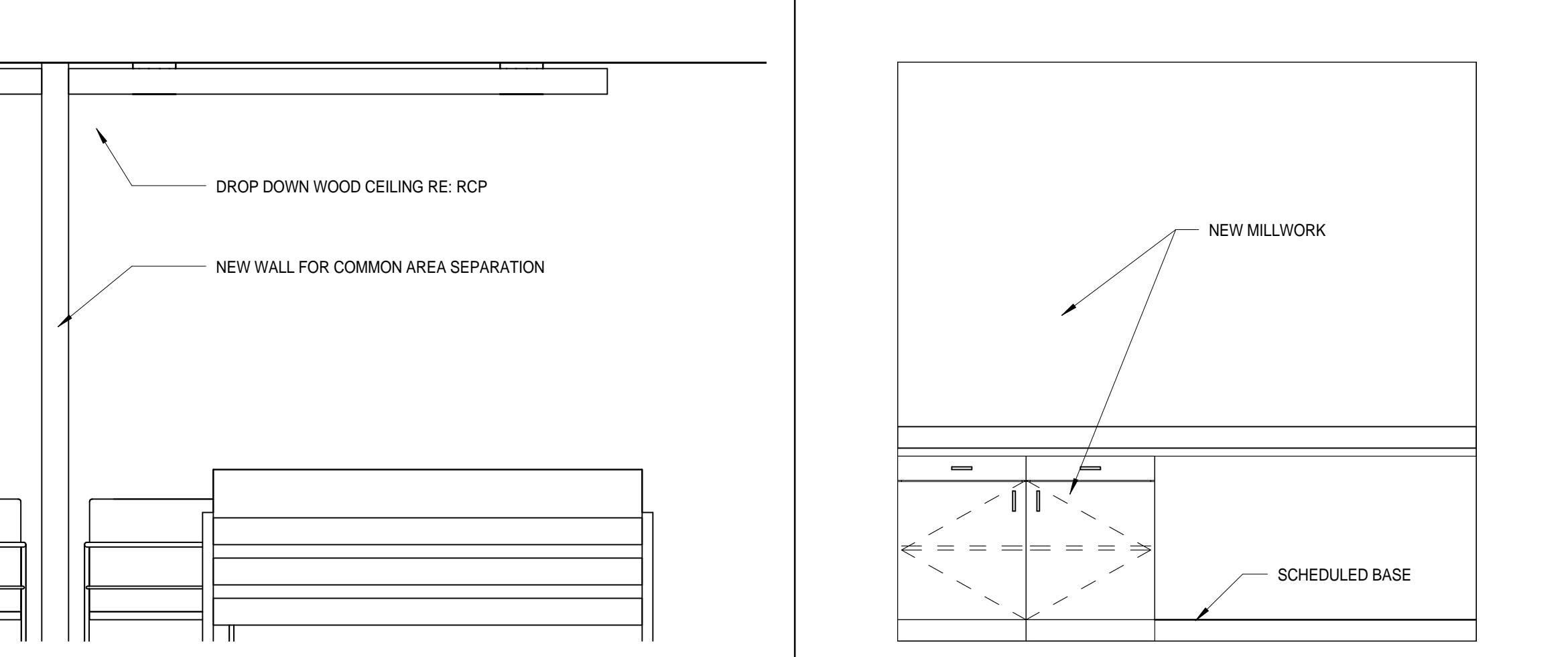
**17 GAME ROOM SOUTH WALL**  
1/2" = 1'-0"



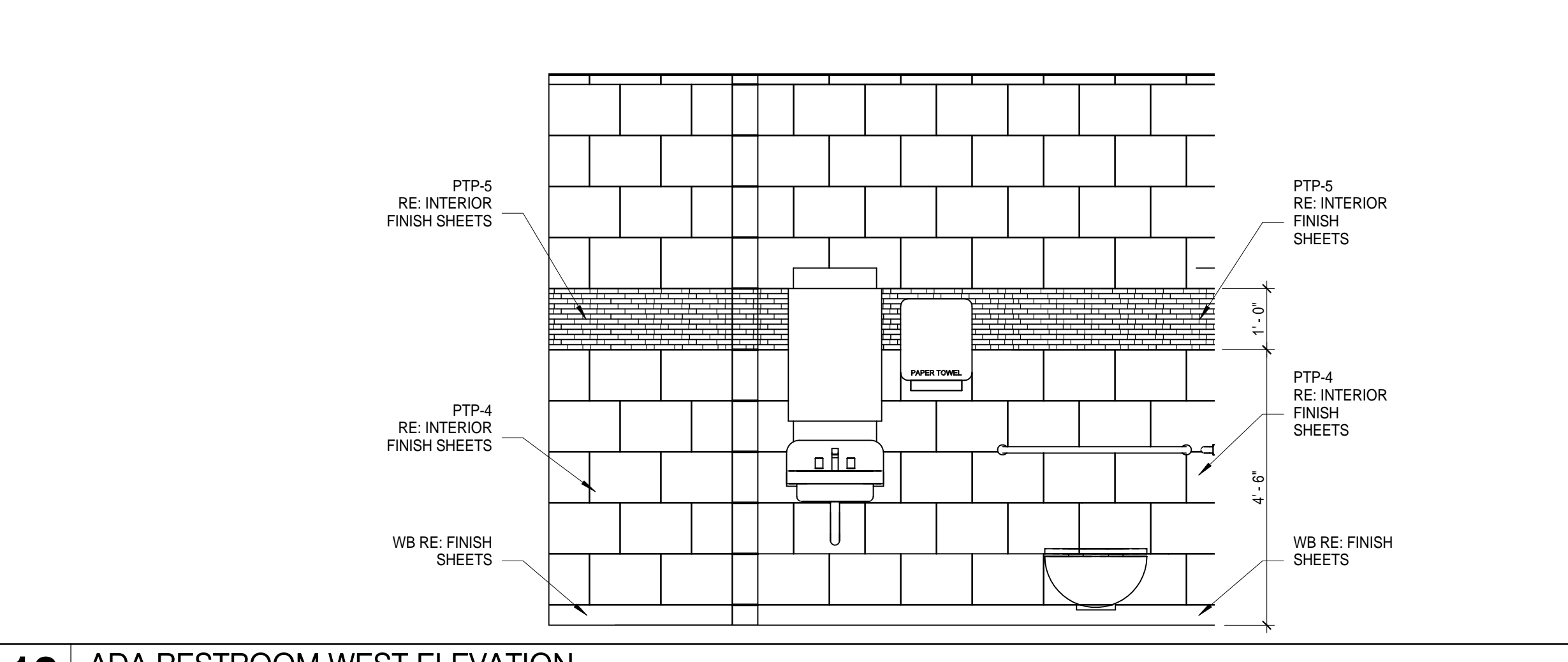
**16 HEARTH WALL TRASH CAN UNIT**  
1/2" = 1'-0"



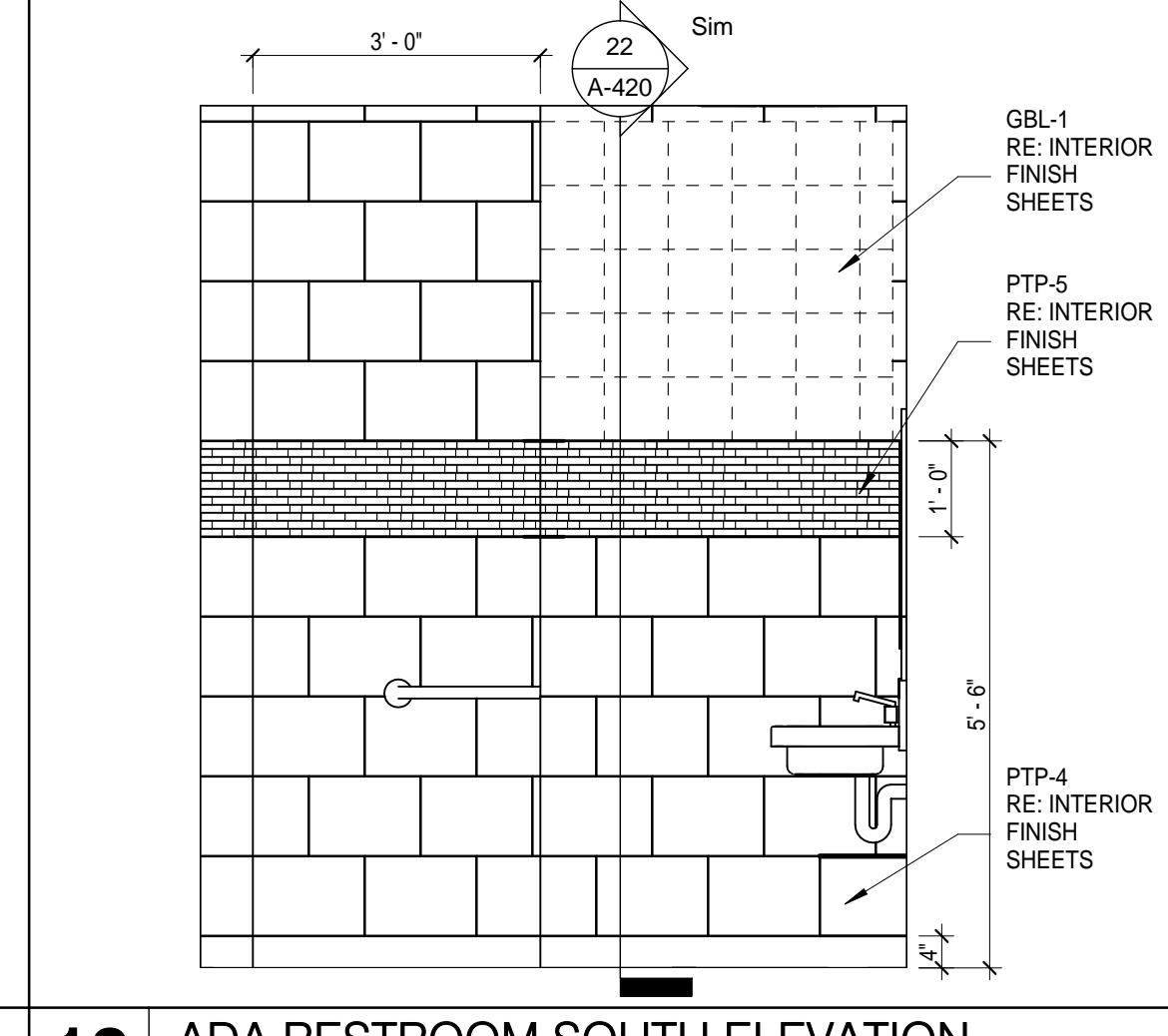
**15 1D SEATING AREA**  
1/2" = 1'-0"



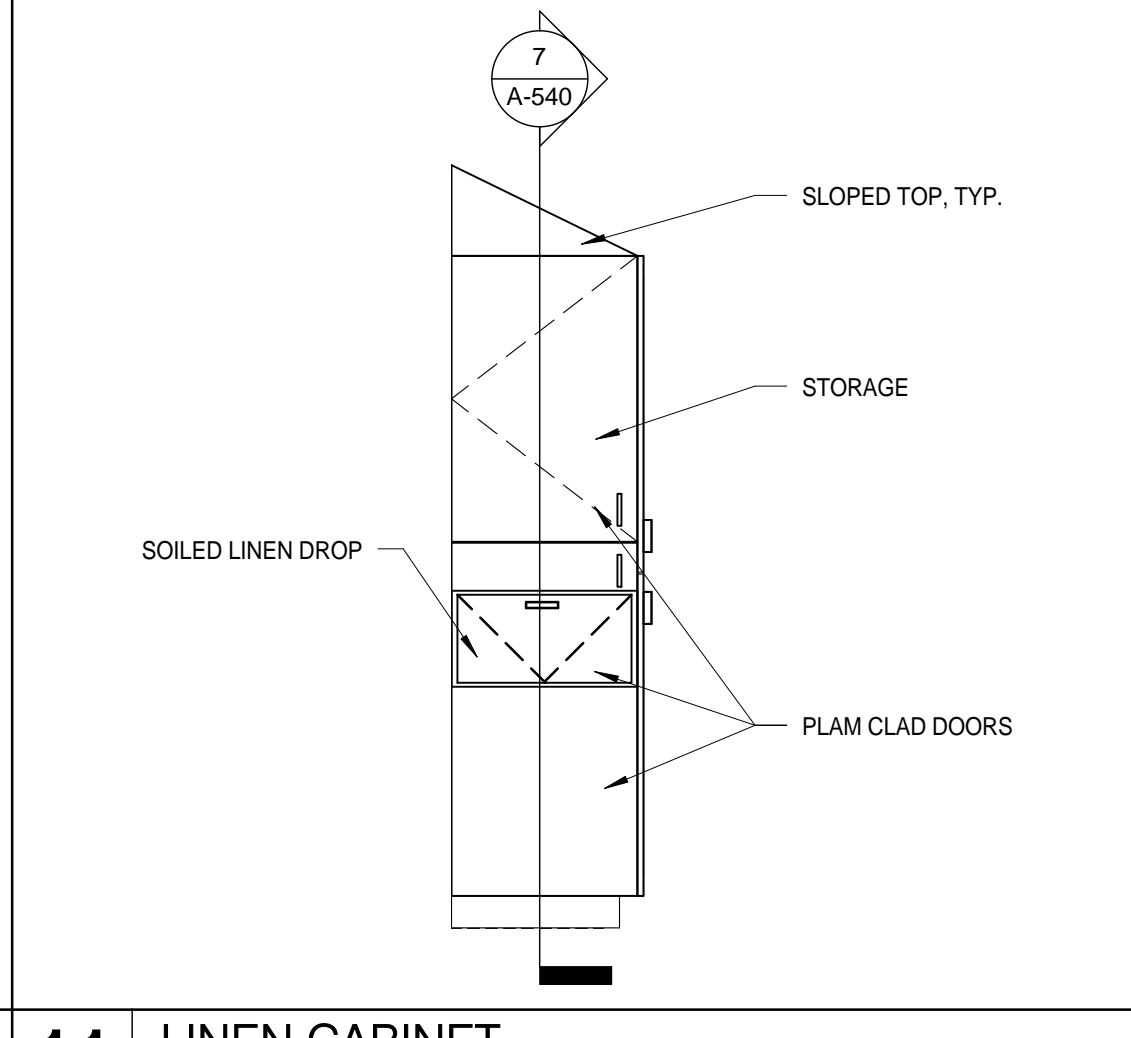
**14 LAUNDRY ROOM**  
1/2" = 1'-0"



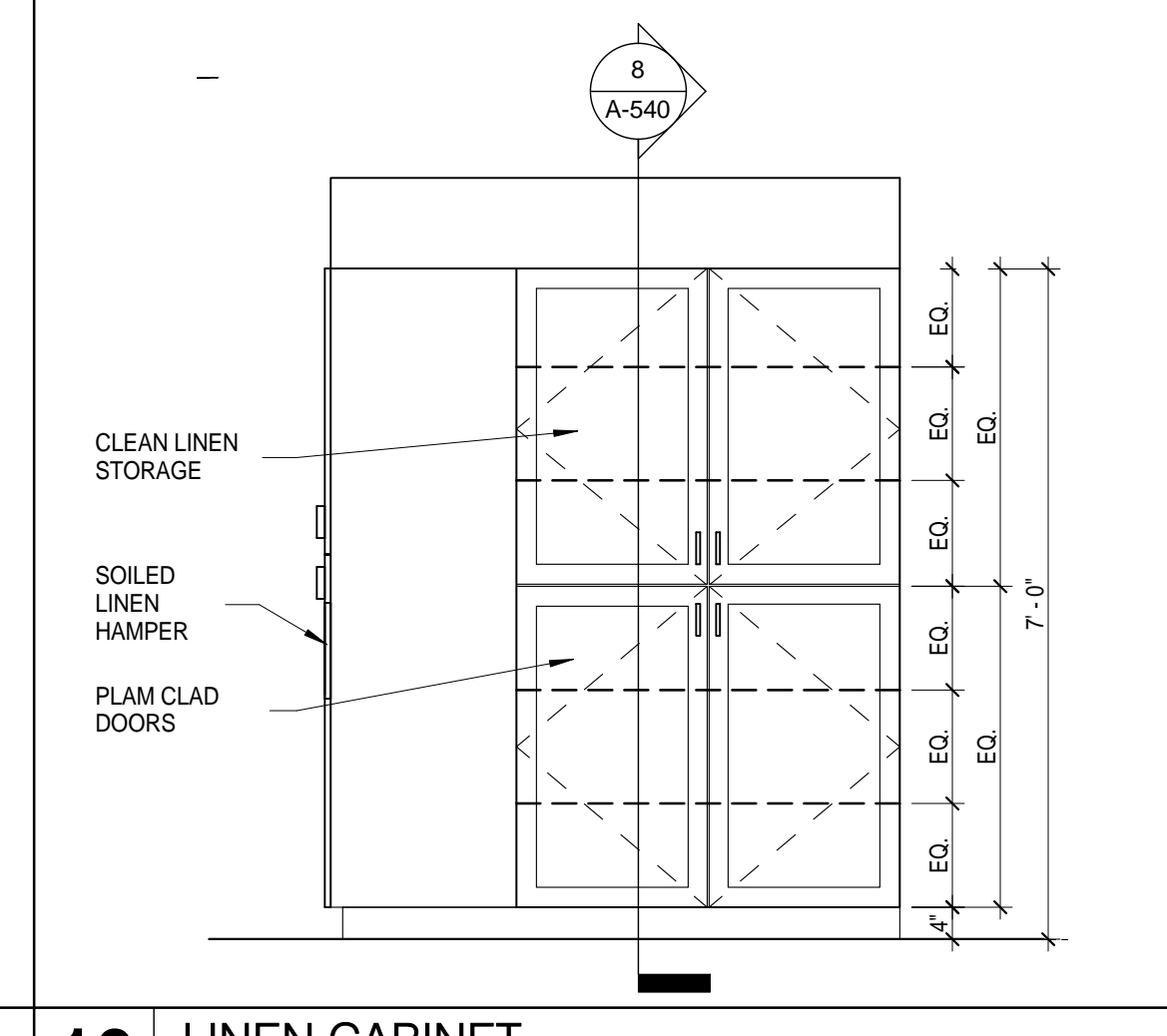
**13 ADA RESTROOM WEST ELEVATION**  
1/2" = 1'-0"



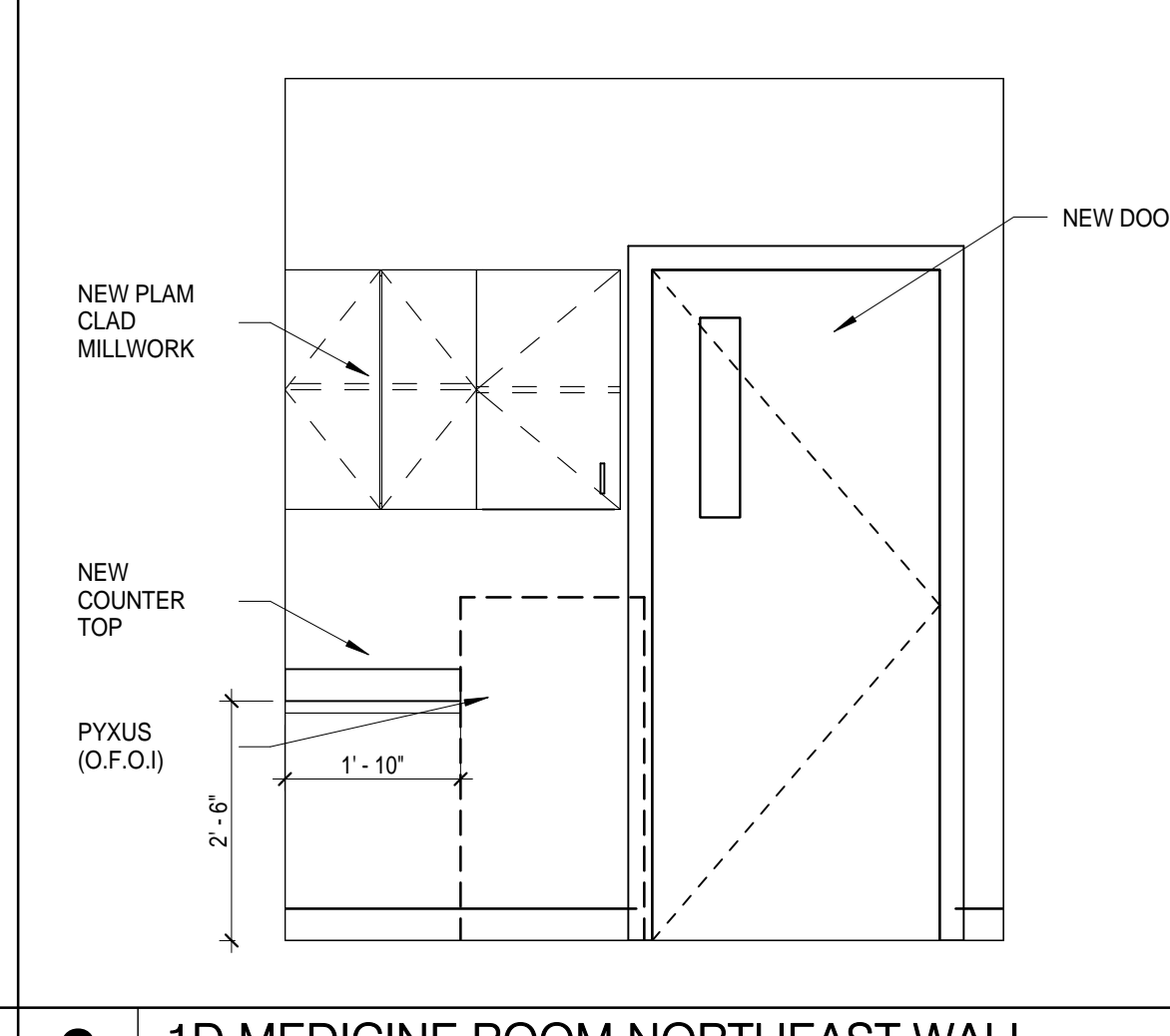
**12 ADA RESTROOM SOUTH ELEVATION**  
1/2" = 1'-0"



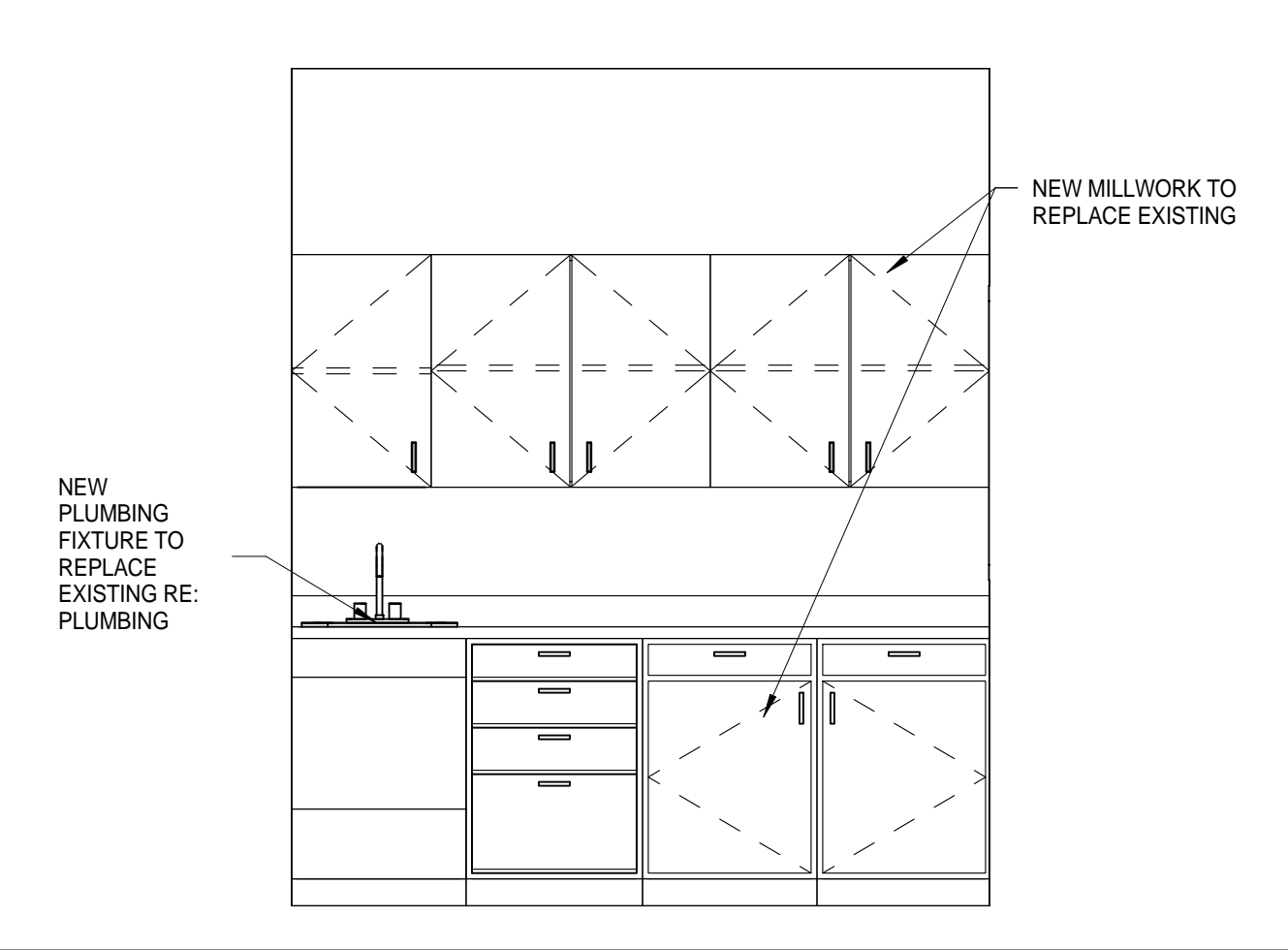
**11 LINEN CABINET**  
1/2" = 1'-0"



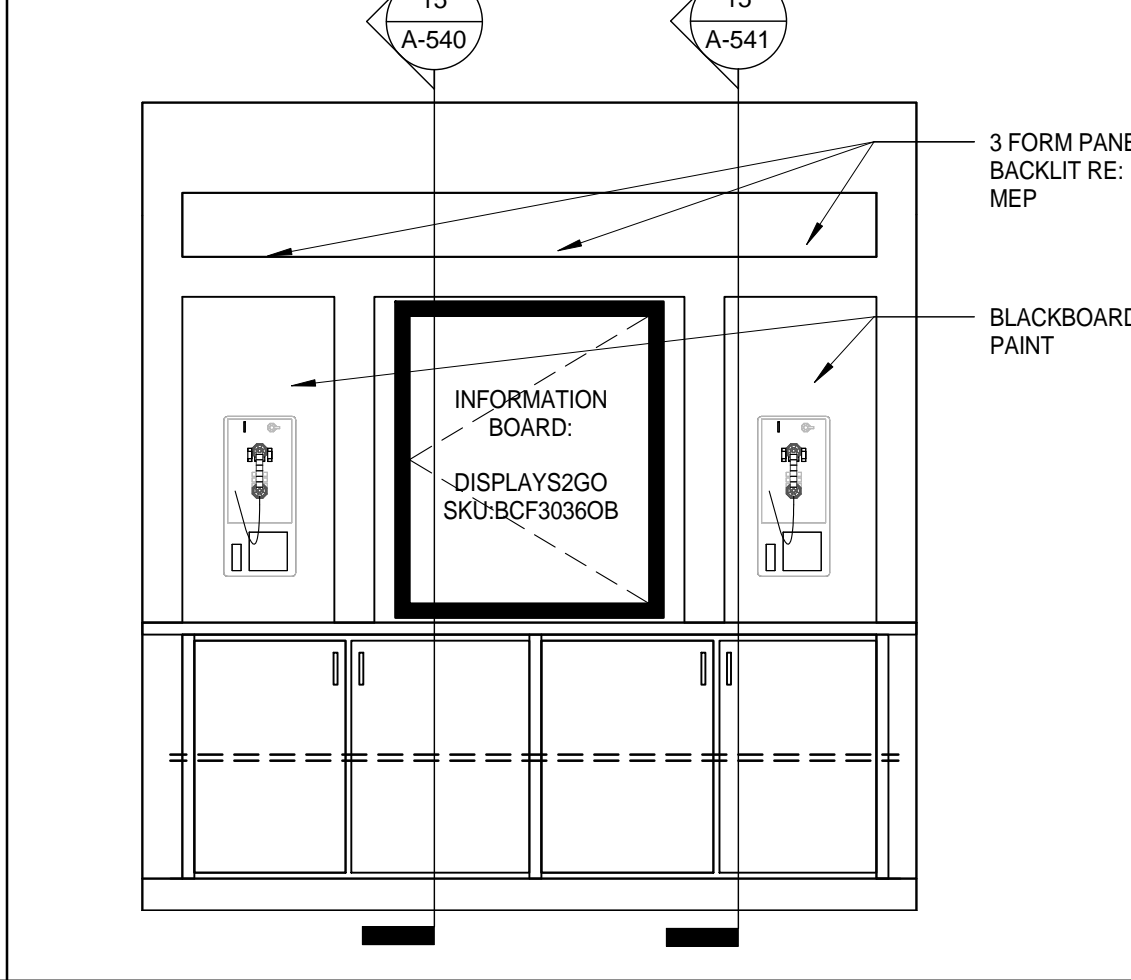
**10 LINEN CABINET**  
1/2" = 1'-0"



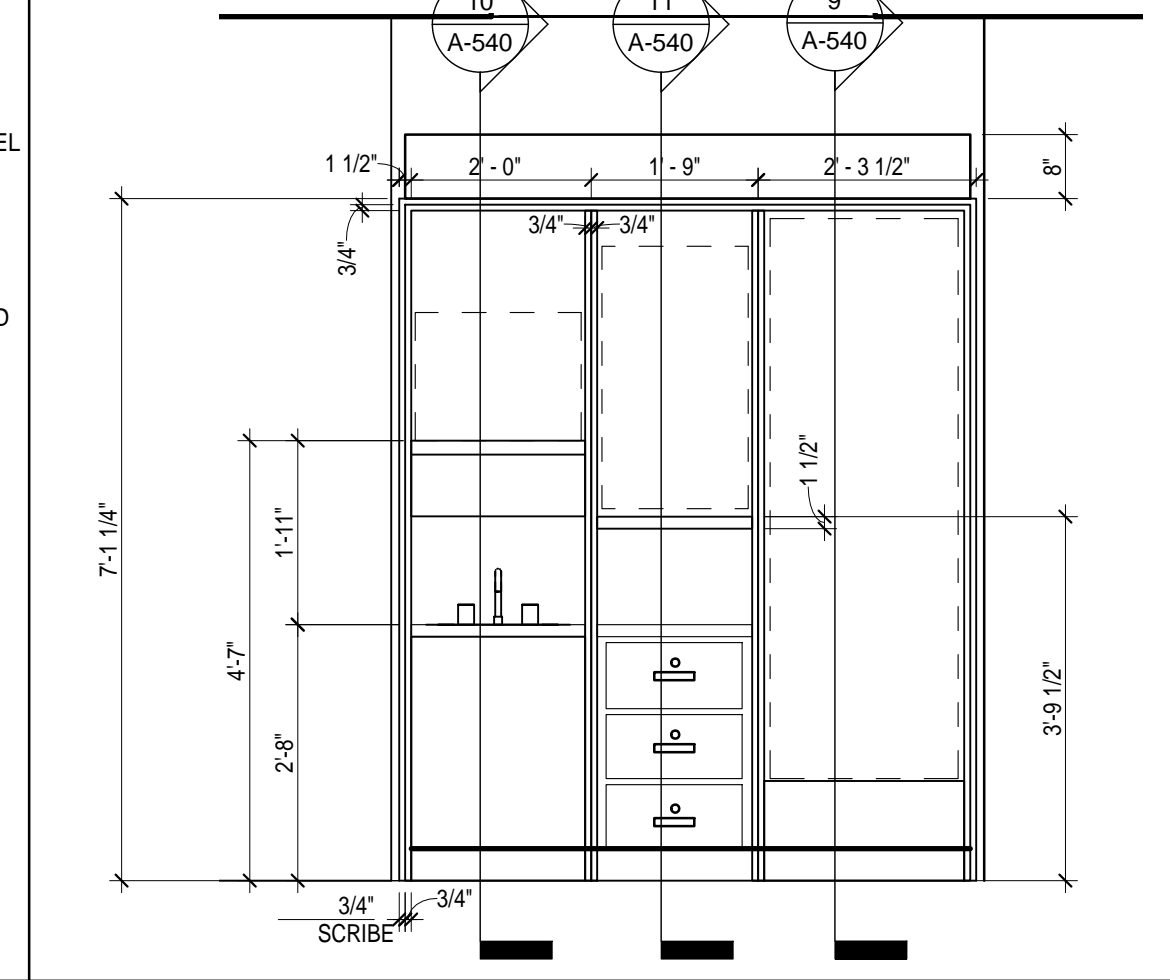
**9 1D MEDICINE ROOM NORTHEAST WALL**  
1/2" = 1'-0"



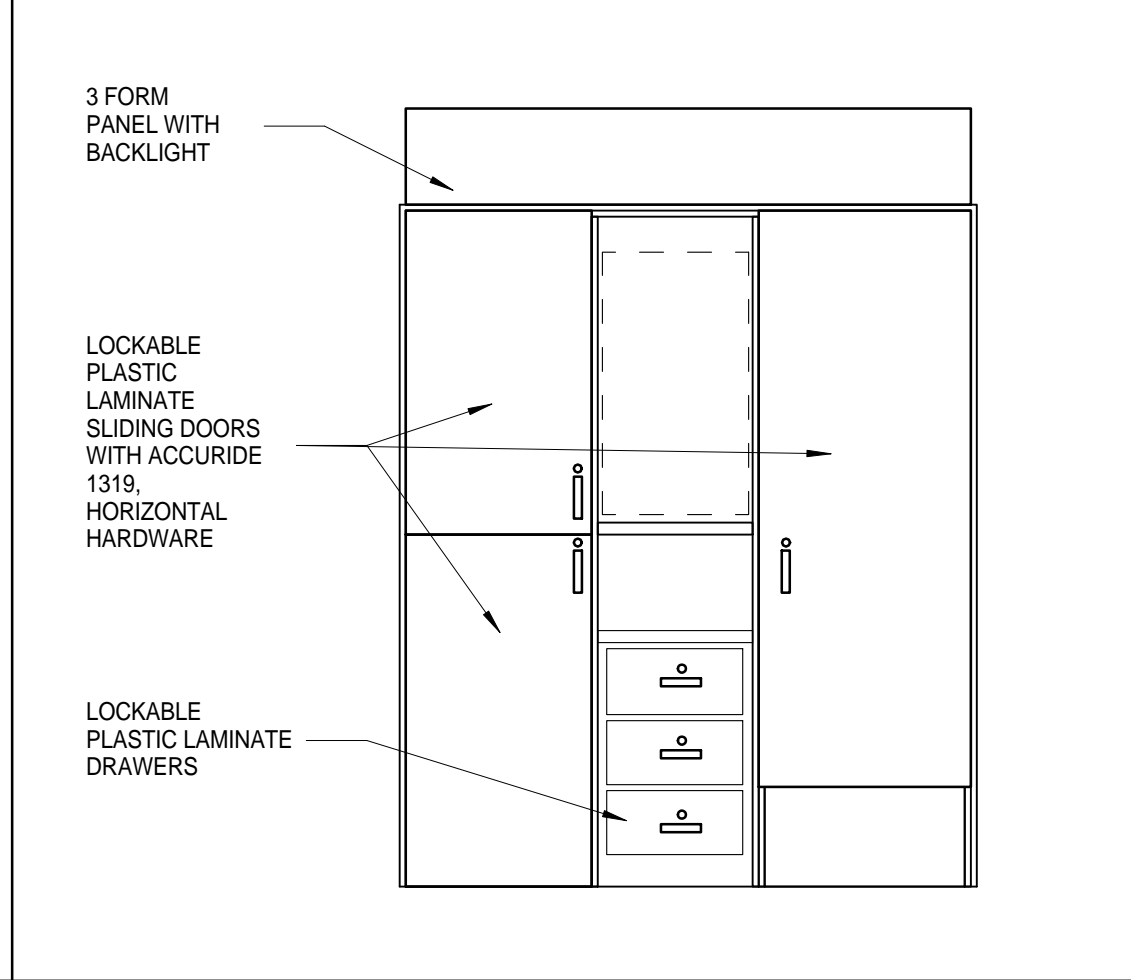
**8 1D MEDICINE ROOM SOUTHWEST ELEVATION**  
1/2" = 1'-0"



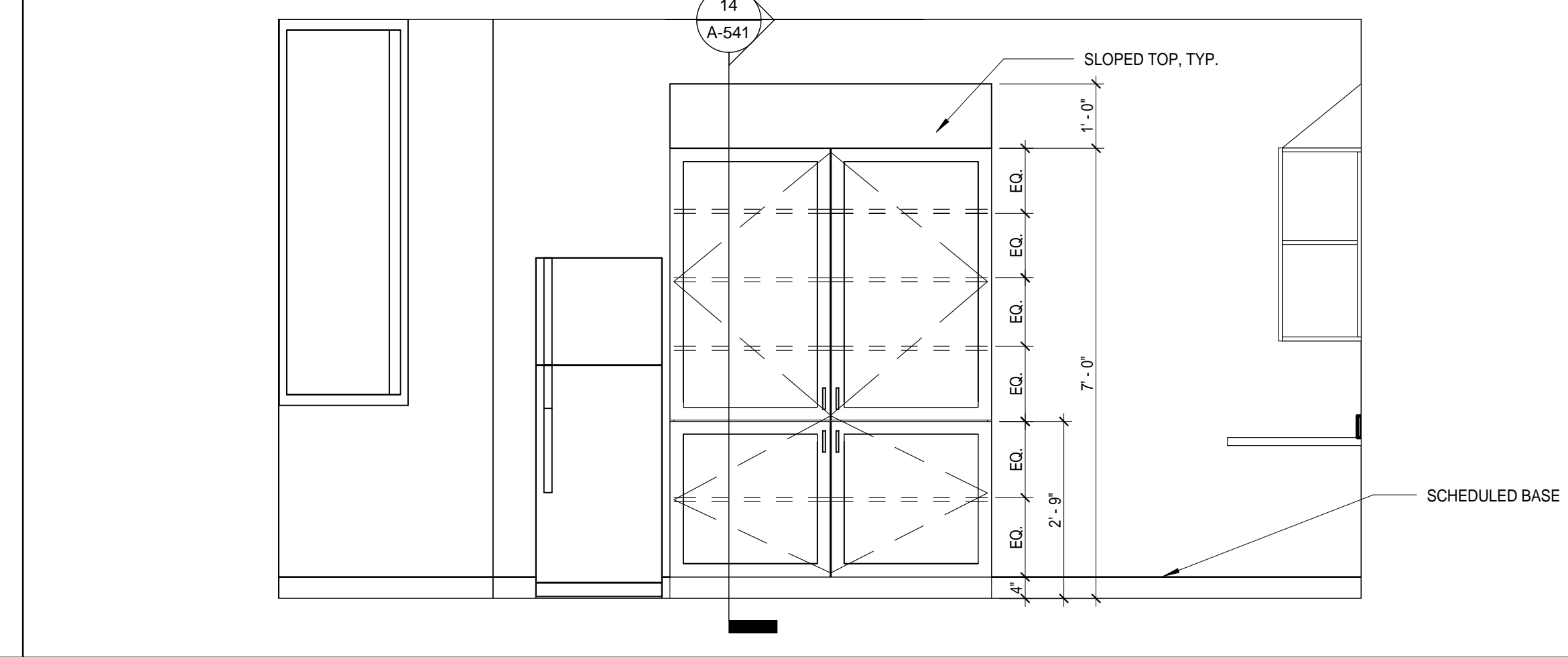
**7 LIBRARY WALL**  
1/2" = 1'-0"



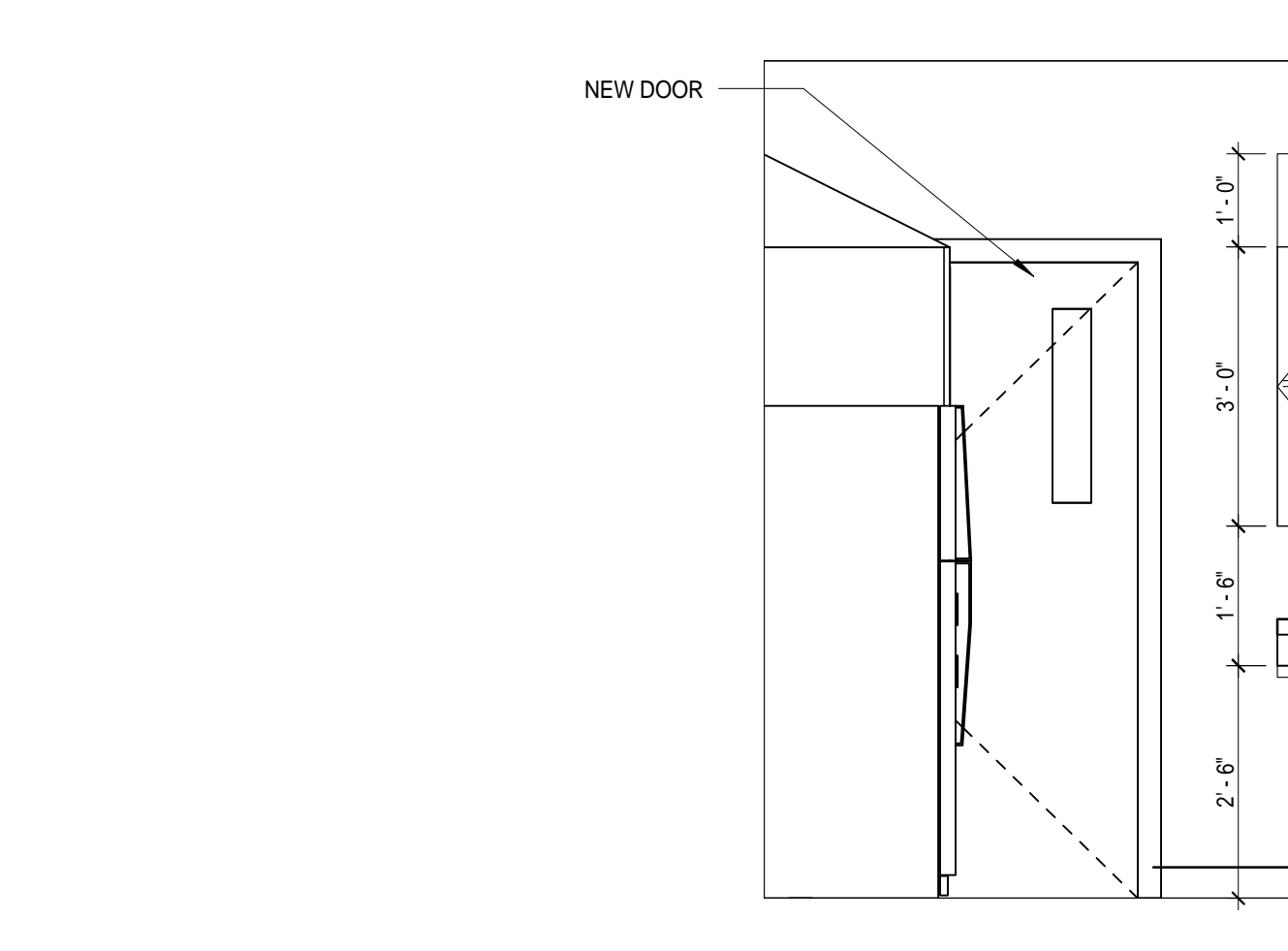
**6 NOURISHMENT STATION**  
1/2" = 1'-0"



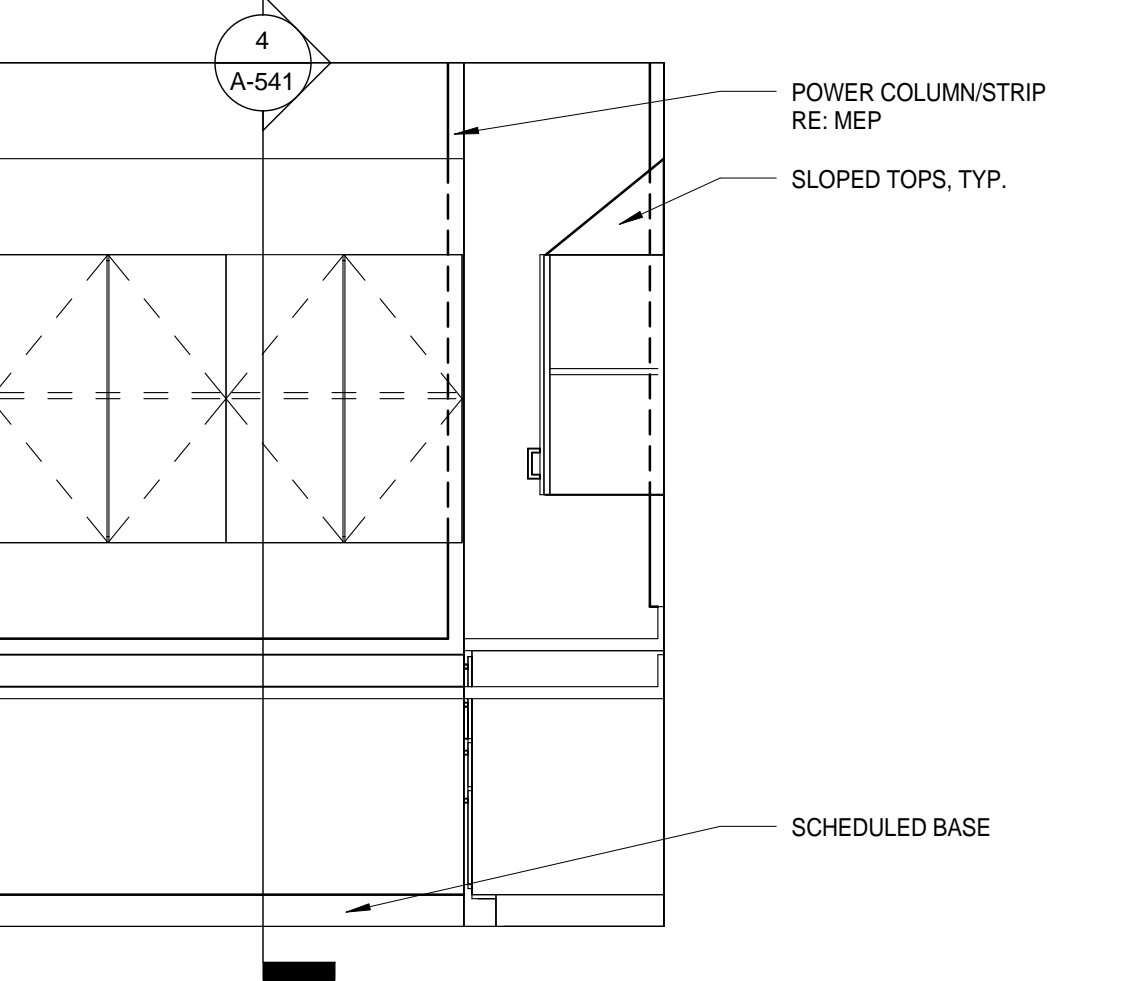
**5 NOURISHMENT STATION**  
1/2" = 1'-0"



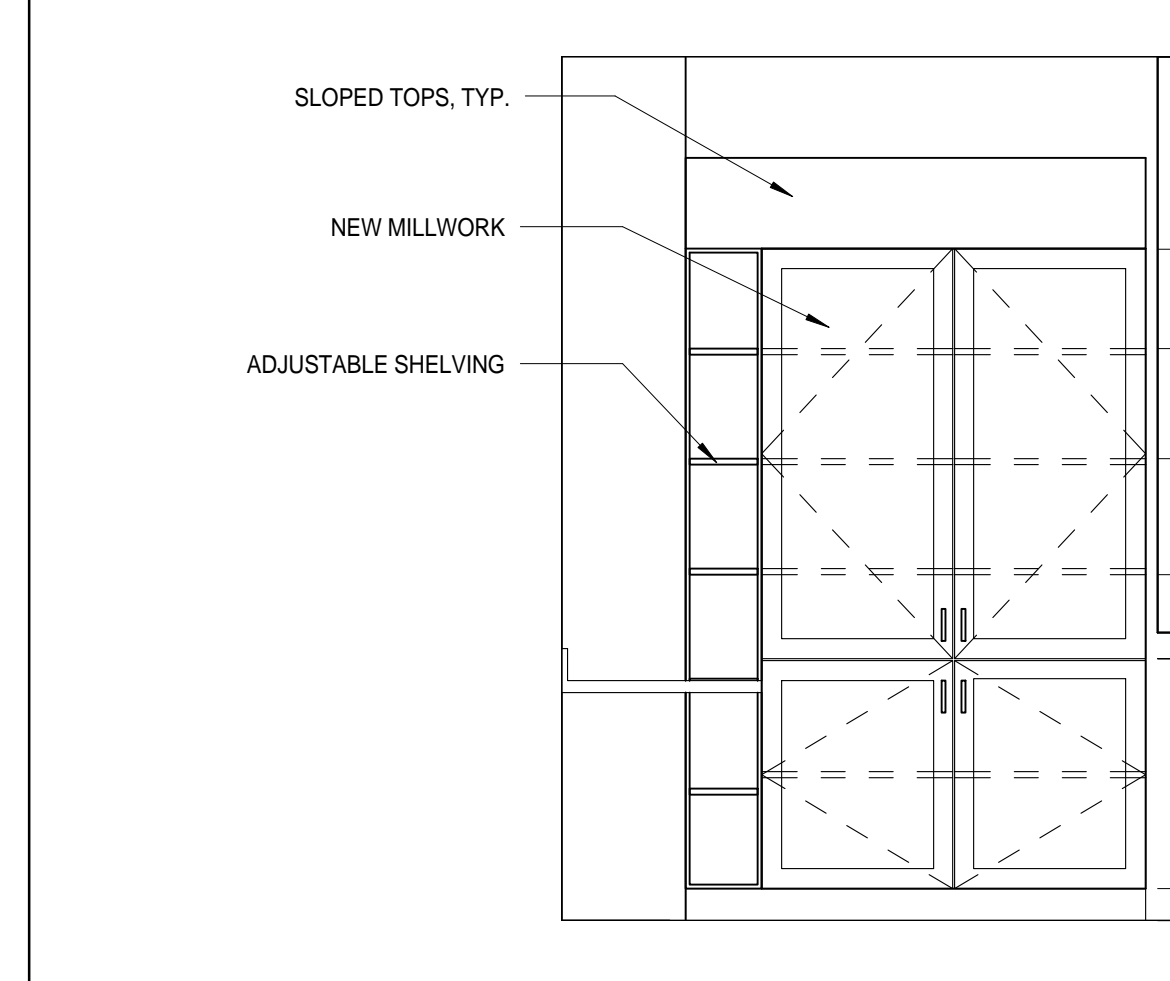
**4 CHART ROOM**  
1/2" = 1'-0"



**3 CHART ROOM**  
1/2" = 1'-0"



**2 CHART ROOM**  
1/2" = 1'-0"



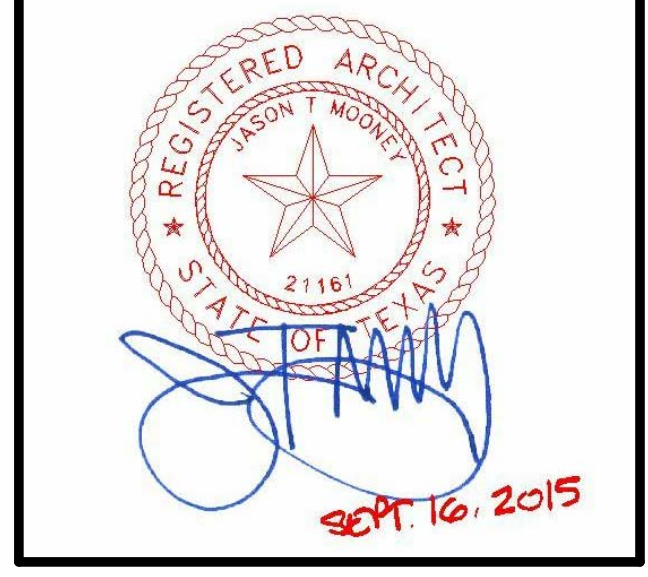
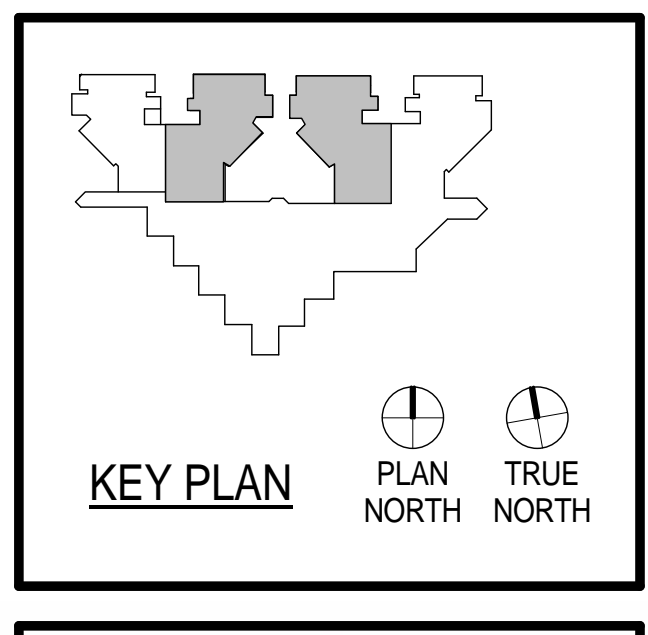
**1 CHART ROOM**  
1/2" = 1'-0"

11 Greenway Plaza, 22nd Floor  
Houston, TX 77046  
713-965-0668 P  
713-961-4571 F  
Texas Registered Engineering Firm: F-3709

In Association with:

MEP:  
Shah Smith & ASSOCIATES, INC  
2825 Wilcrest, Suite #350  
Houston, Texas 77046  
713-780-7563 P  
713-780-6209  
Texas Registered Engineering Firm: F-2113

**HARRIS COUNTY PSYCHIATRIC CENTER UNIT 1D AND 2B RENOVATION**

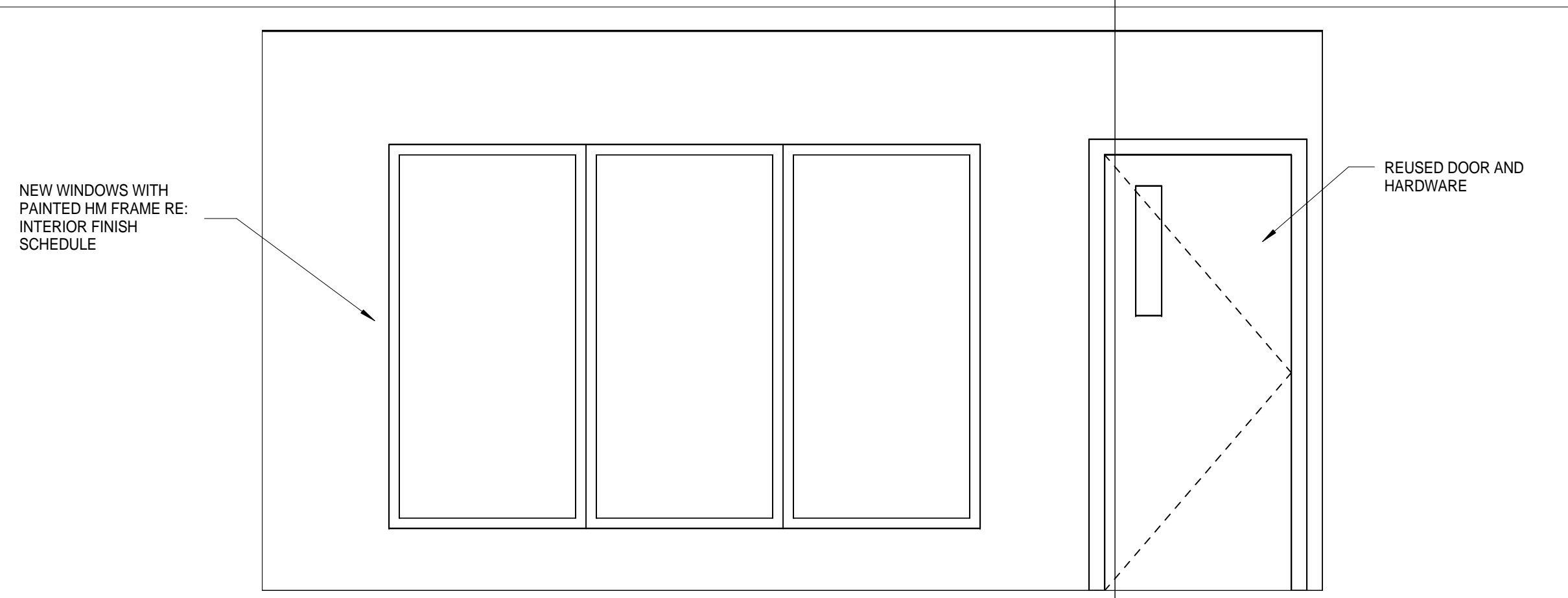


CLIENT: **UTHealth**

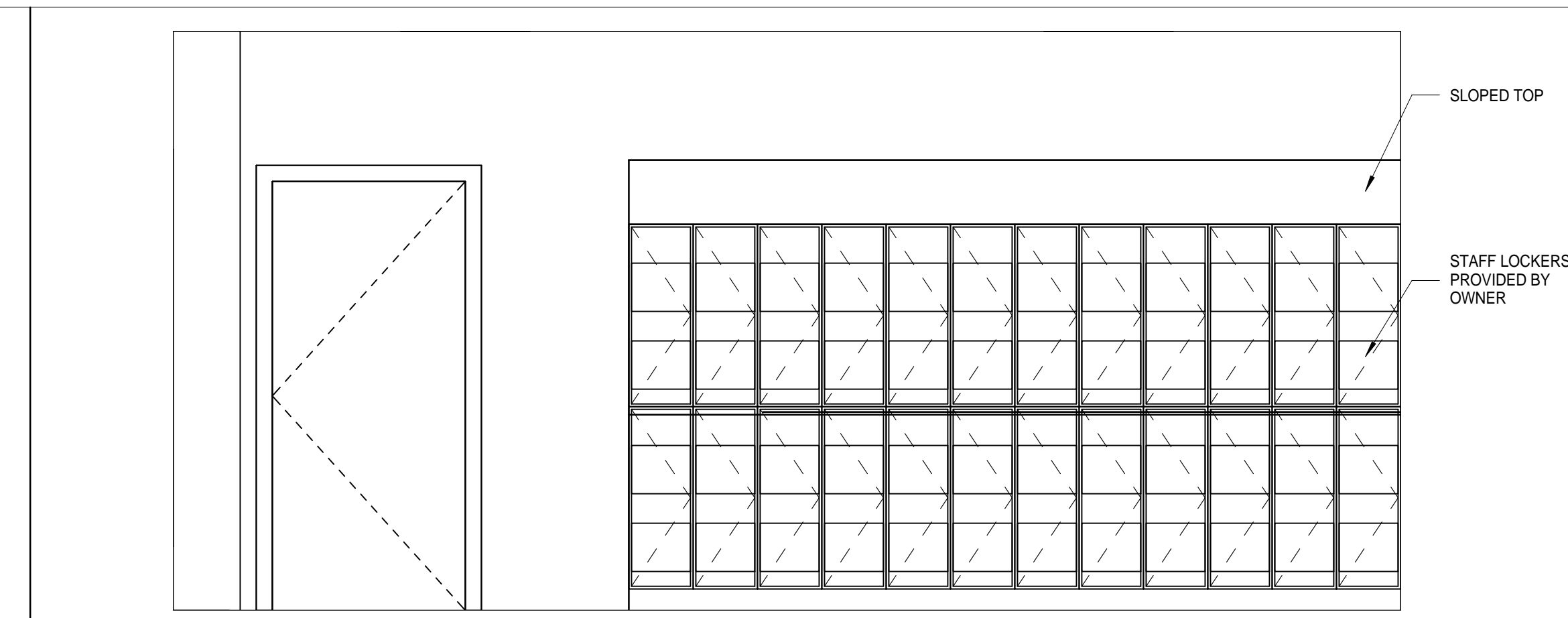
PROJECT NUMBER: 14265  
DATE: SEPTEMBER 16, 2015  
DRAWN BY: VG  
CHECKED BY: JM  
REVISIONS:

No.	Description	Date

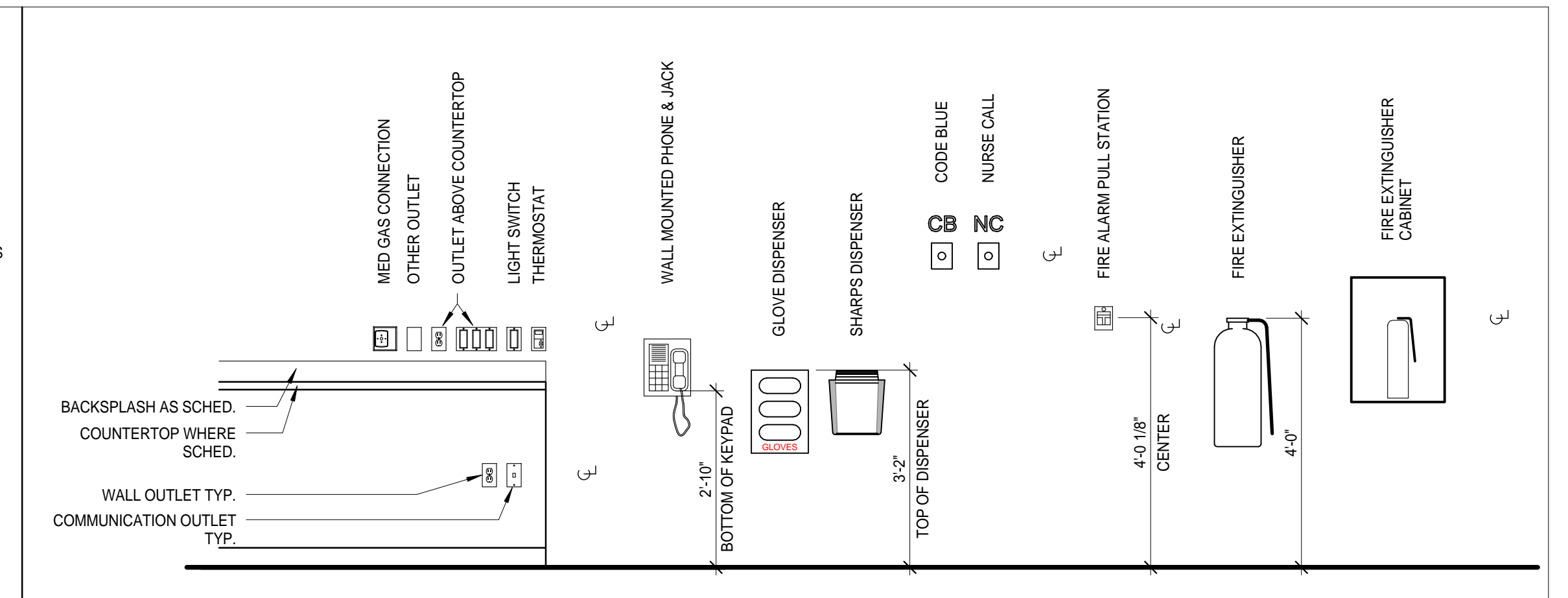
ISSUE FOR CONSTRUCTION  
**INTERIOR ELEVATIONS**



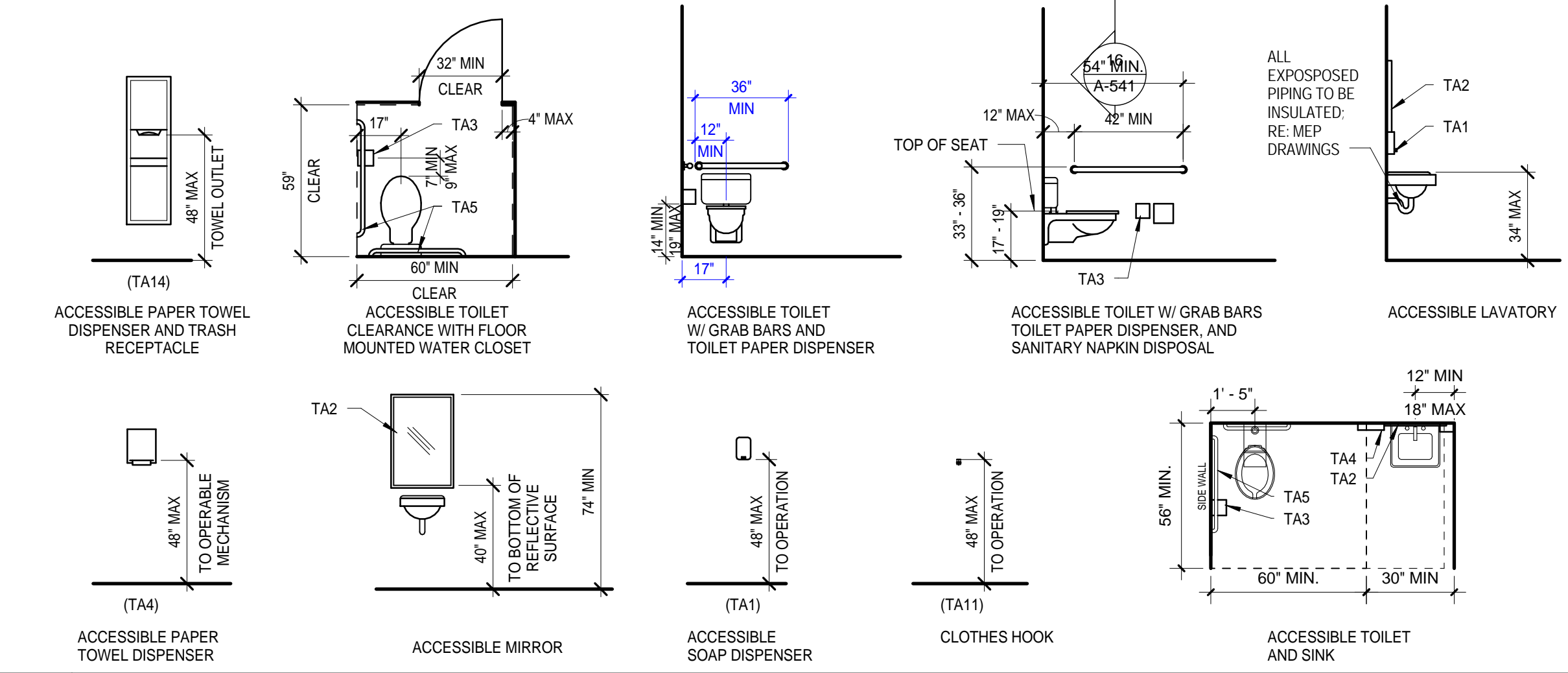
16 GROUP ROOM SOUTH WALL  
1/2" = 1'-0"



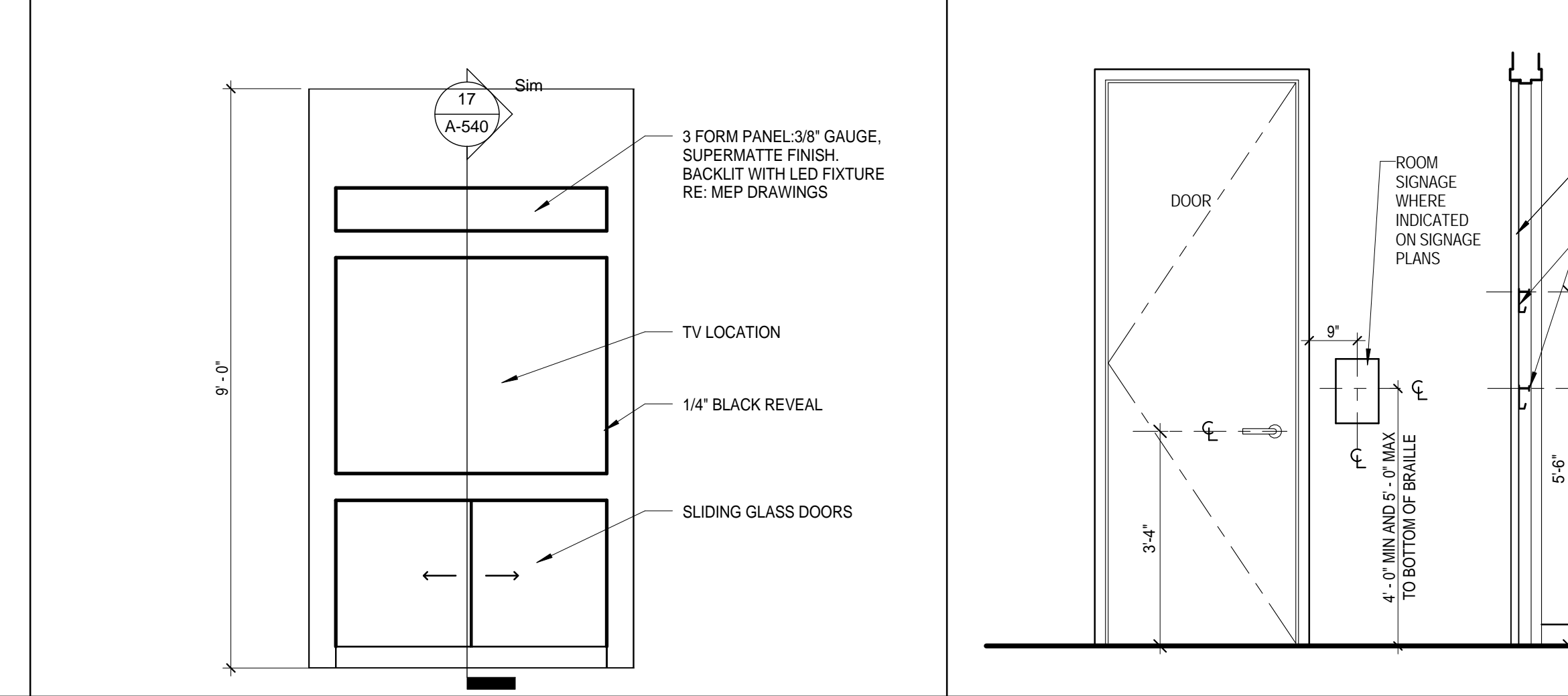
15 GAME ROOM NORTH WALL  
1/2" = 1'-0"



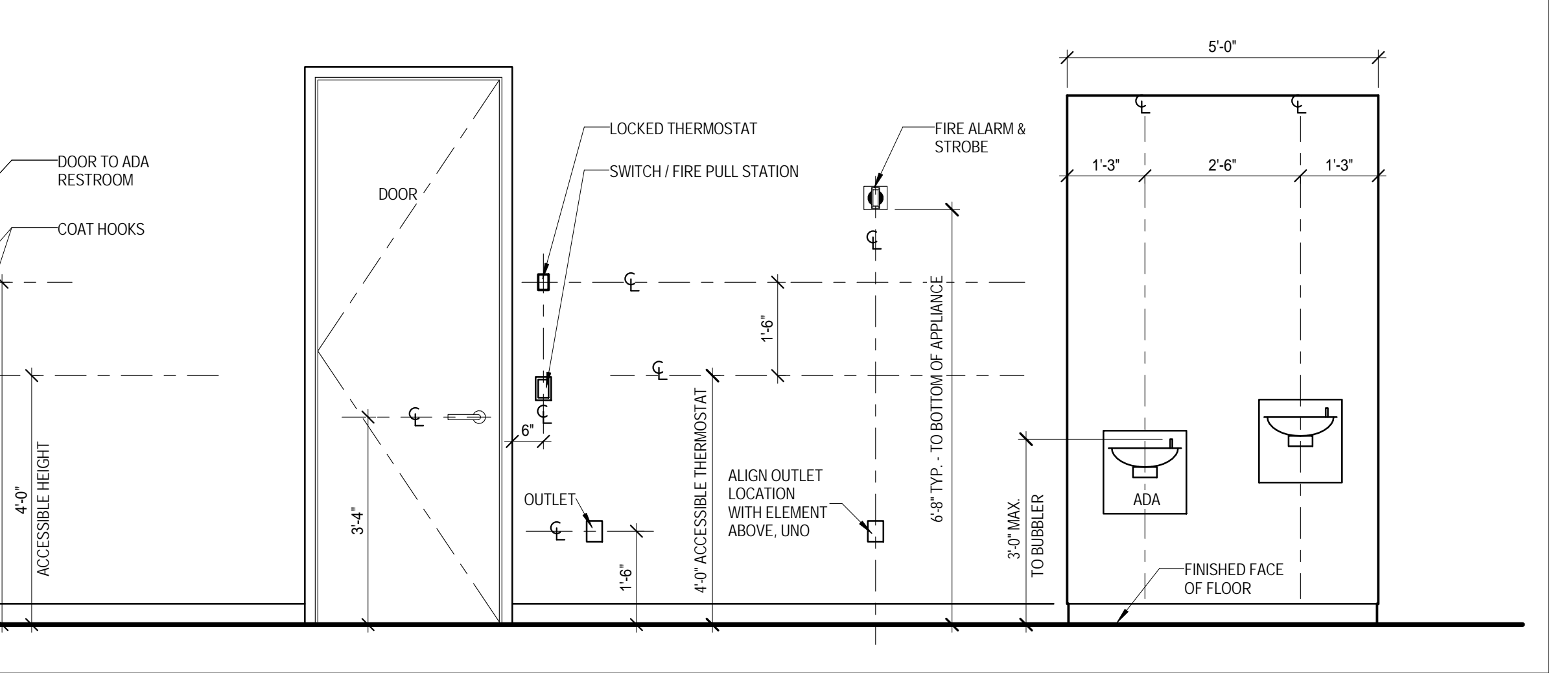
14 TYPICAL MOUNTING HEIGHTS ABOVE COUNTER  
1/2" = 1'-0"



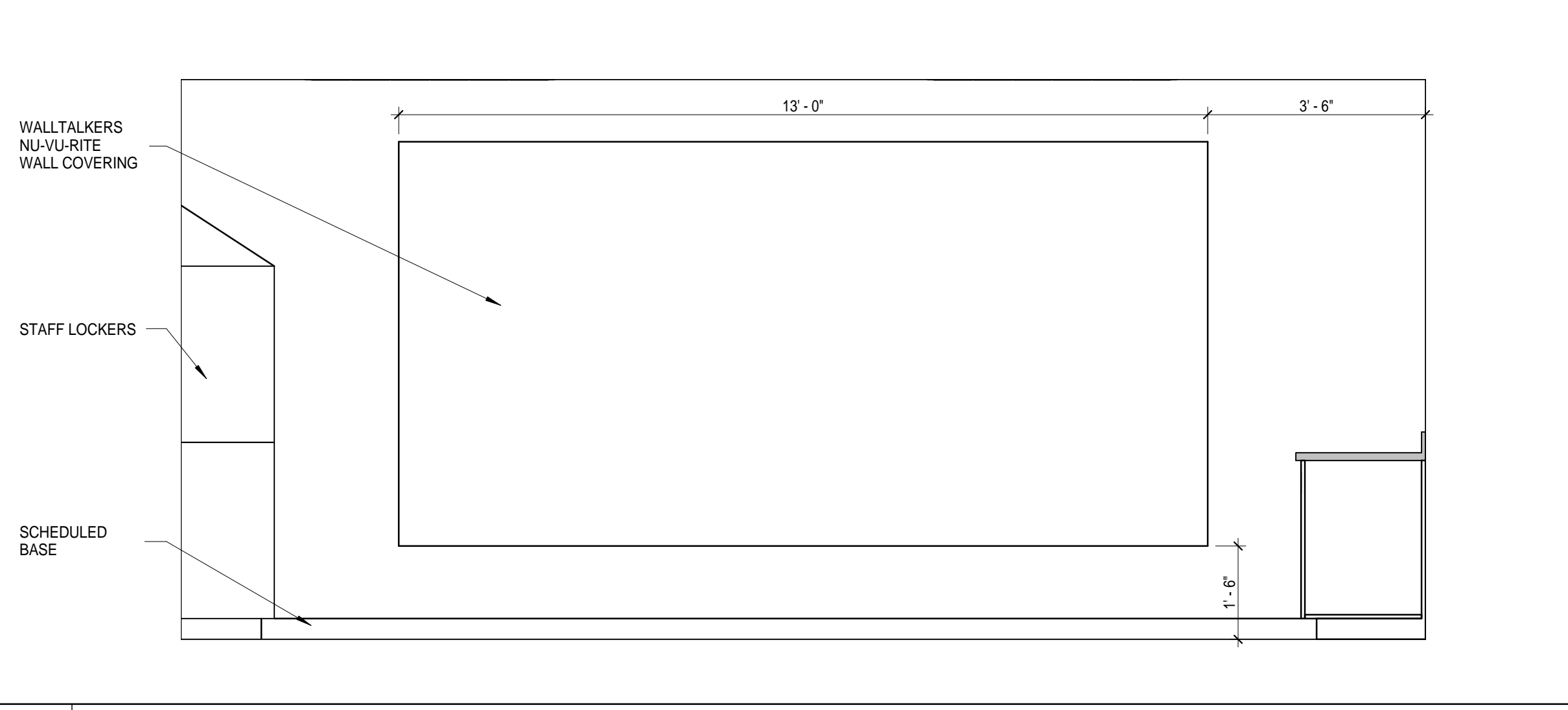
13 BATHROOM ACCESSIBILITY  
1/4" = 1'-0"



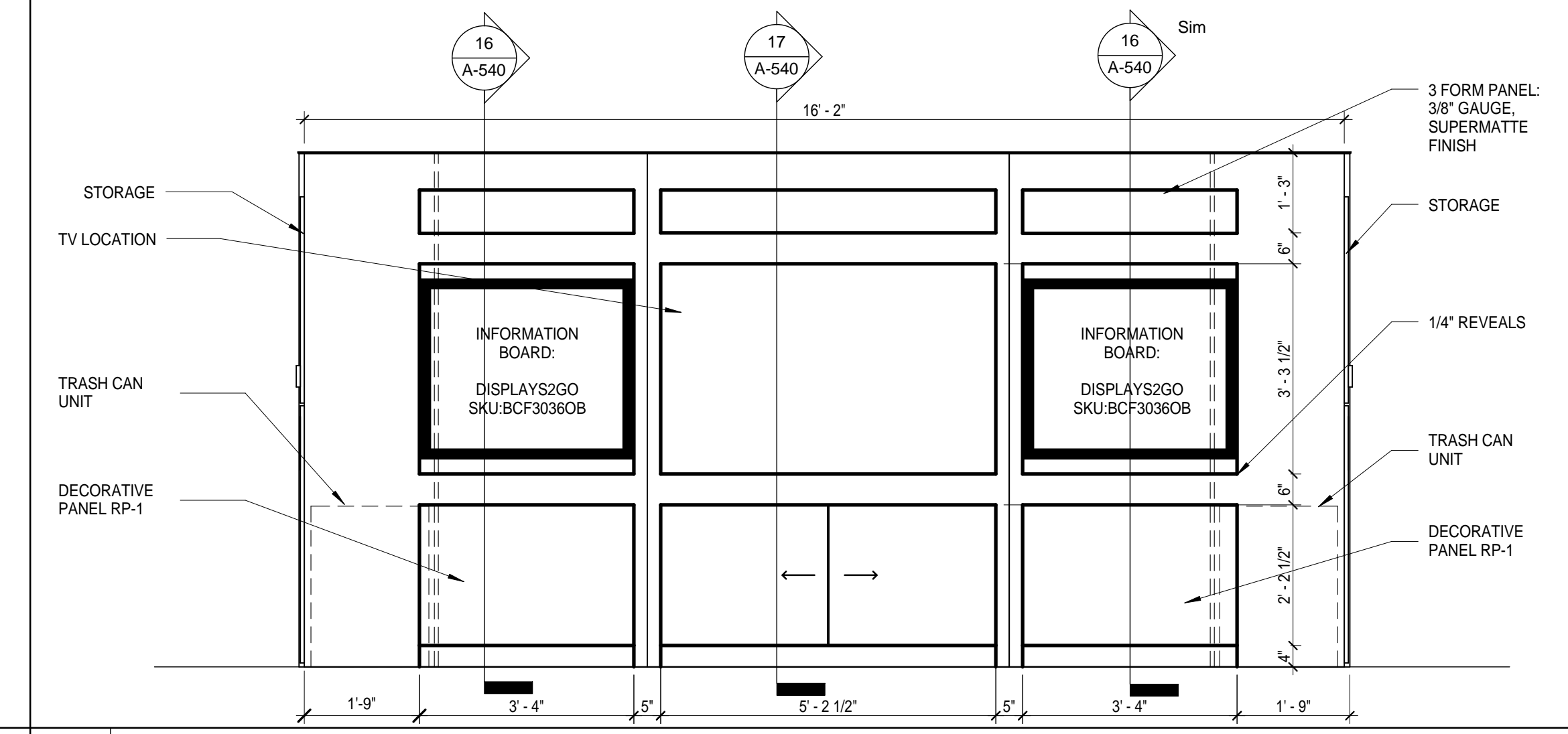
12 TV CABINET-1D  
1/2" = 1'-0"



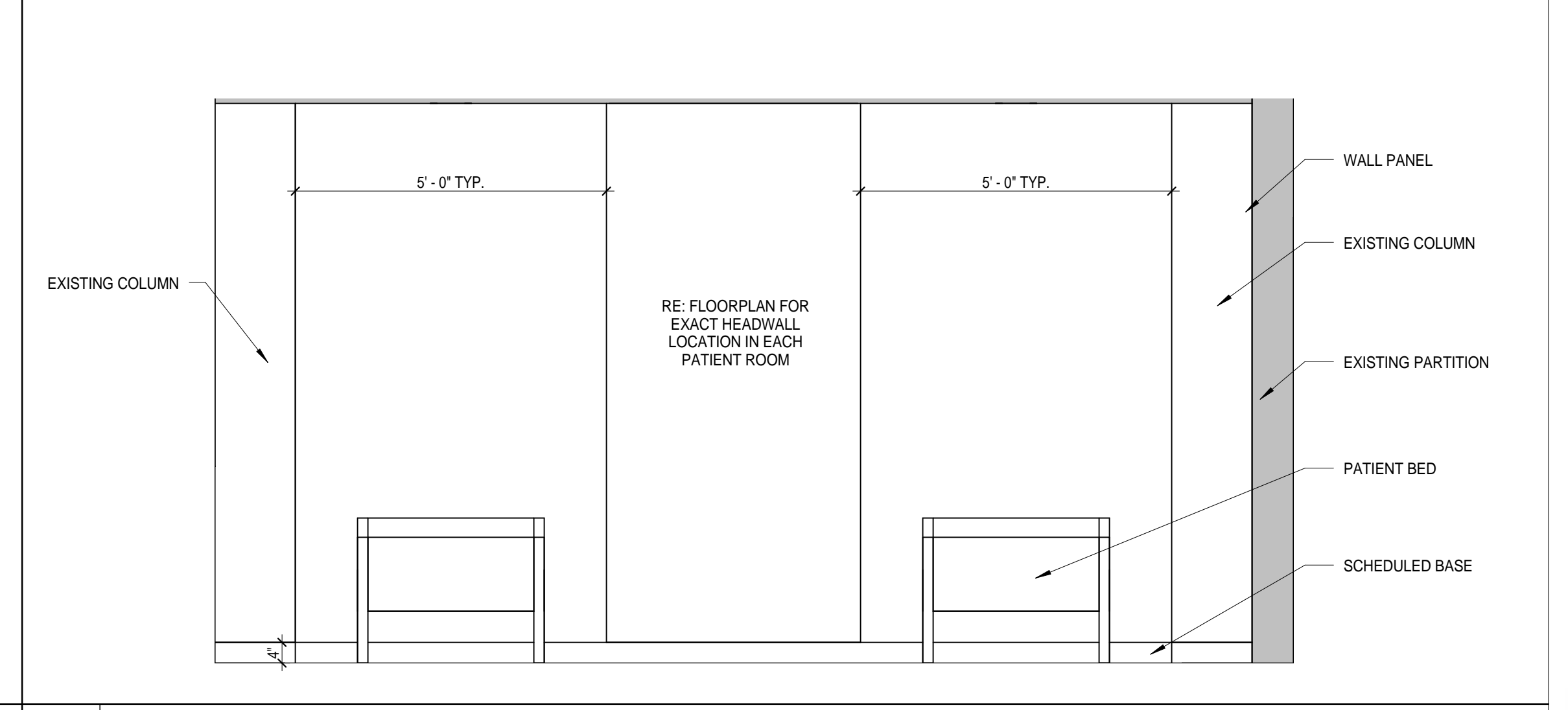
11 TYPICAL MOUNTING HEIGHTS  
1/2" = 1'-0"



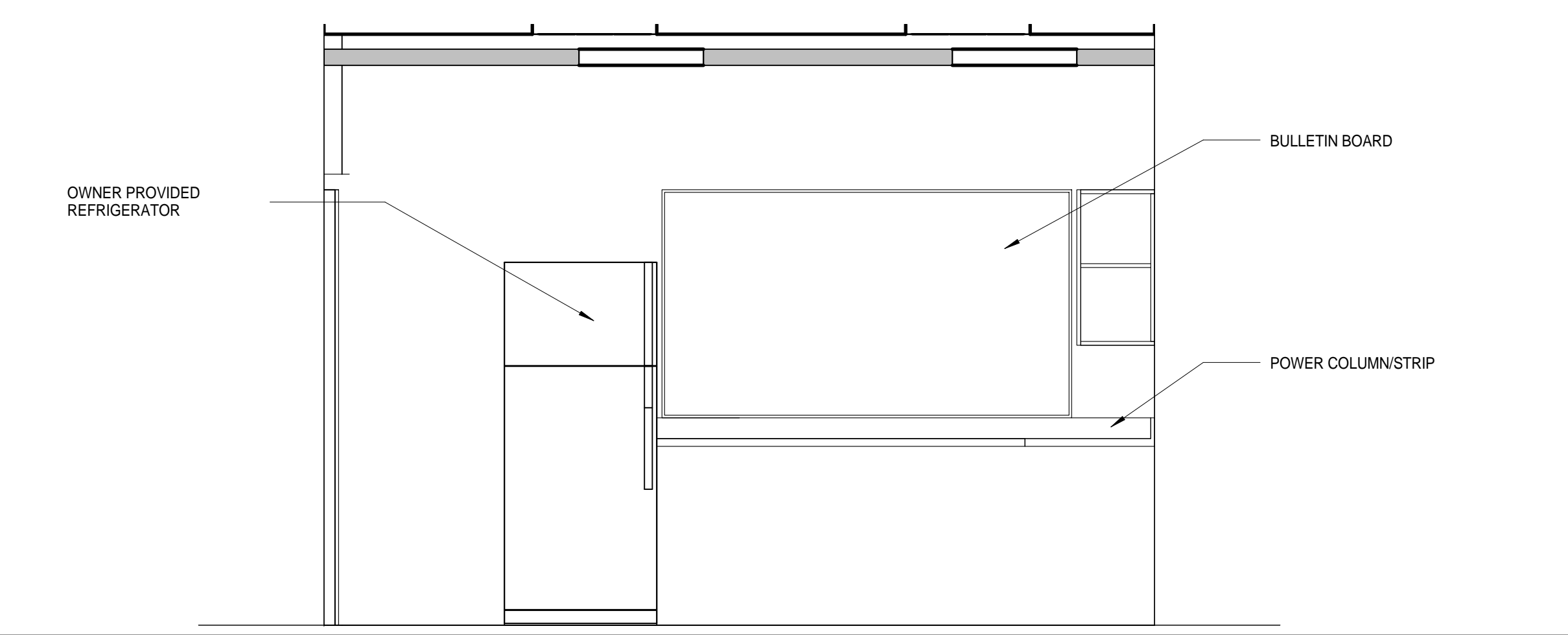
10 GAME ROOM EAST WALL  
1/2" = 1'-0"



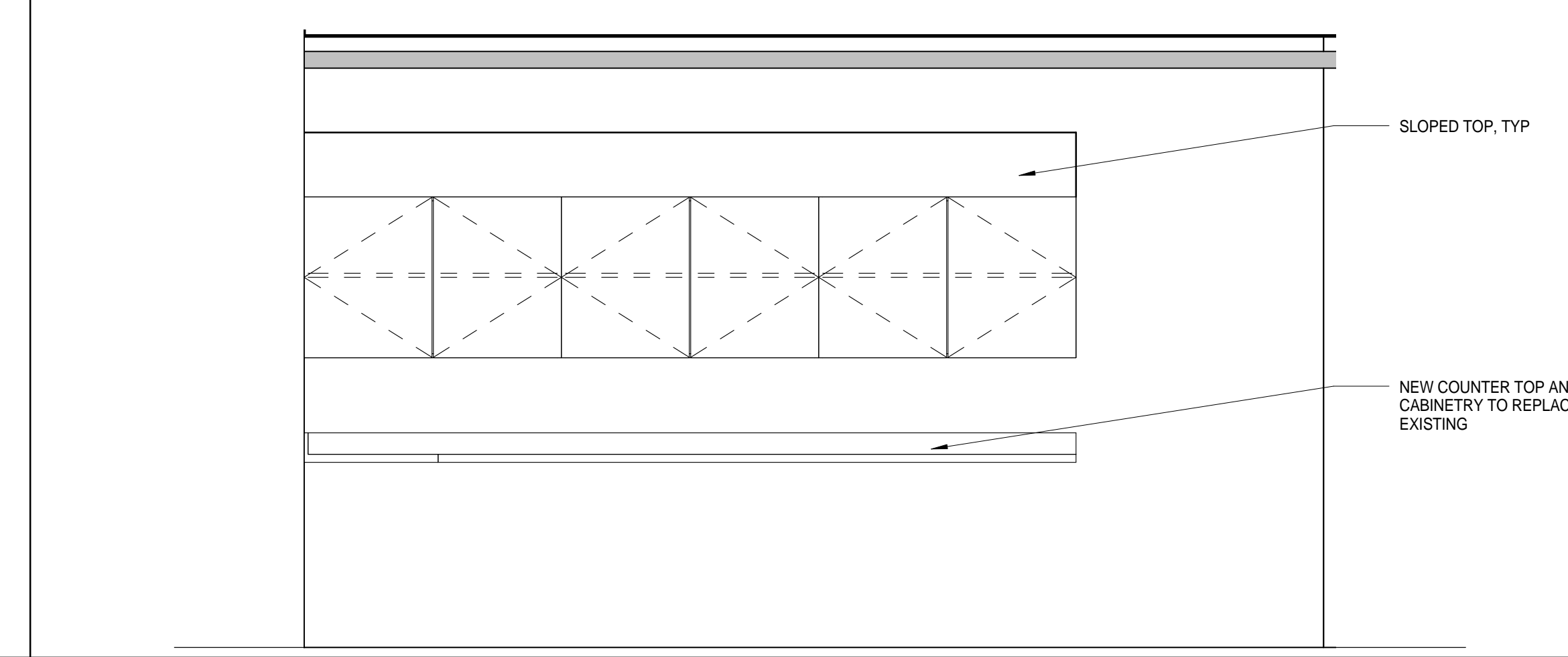
9 HEARTH WALL AND TRASH CAN UNIT  
1/2" = 1'-0"



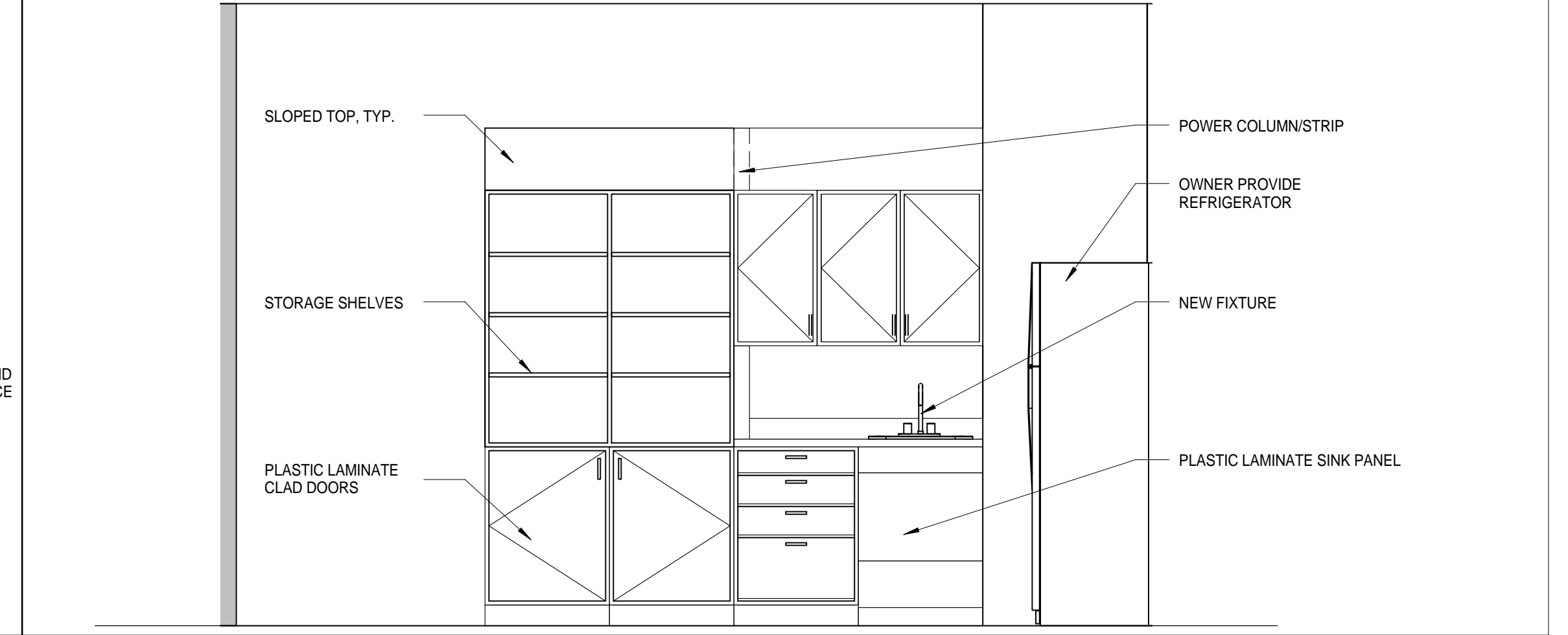
8 HEADWALL ELEVATION  
1/2" = 1'-0"



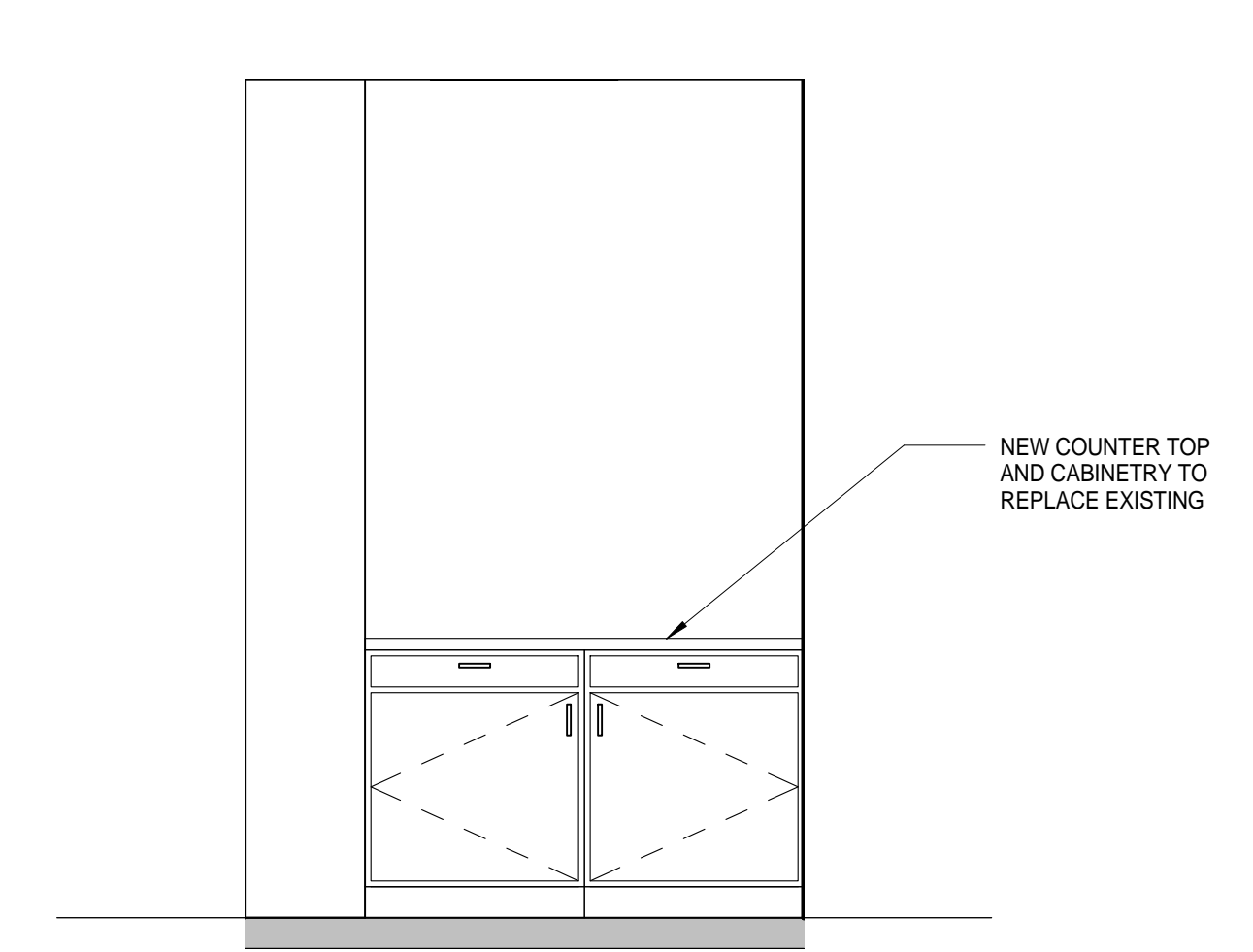
7 2B WORK LOUNGE 3  
1/2" = 1'-0"



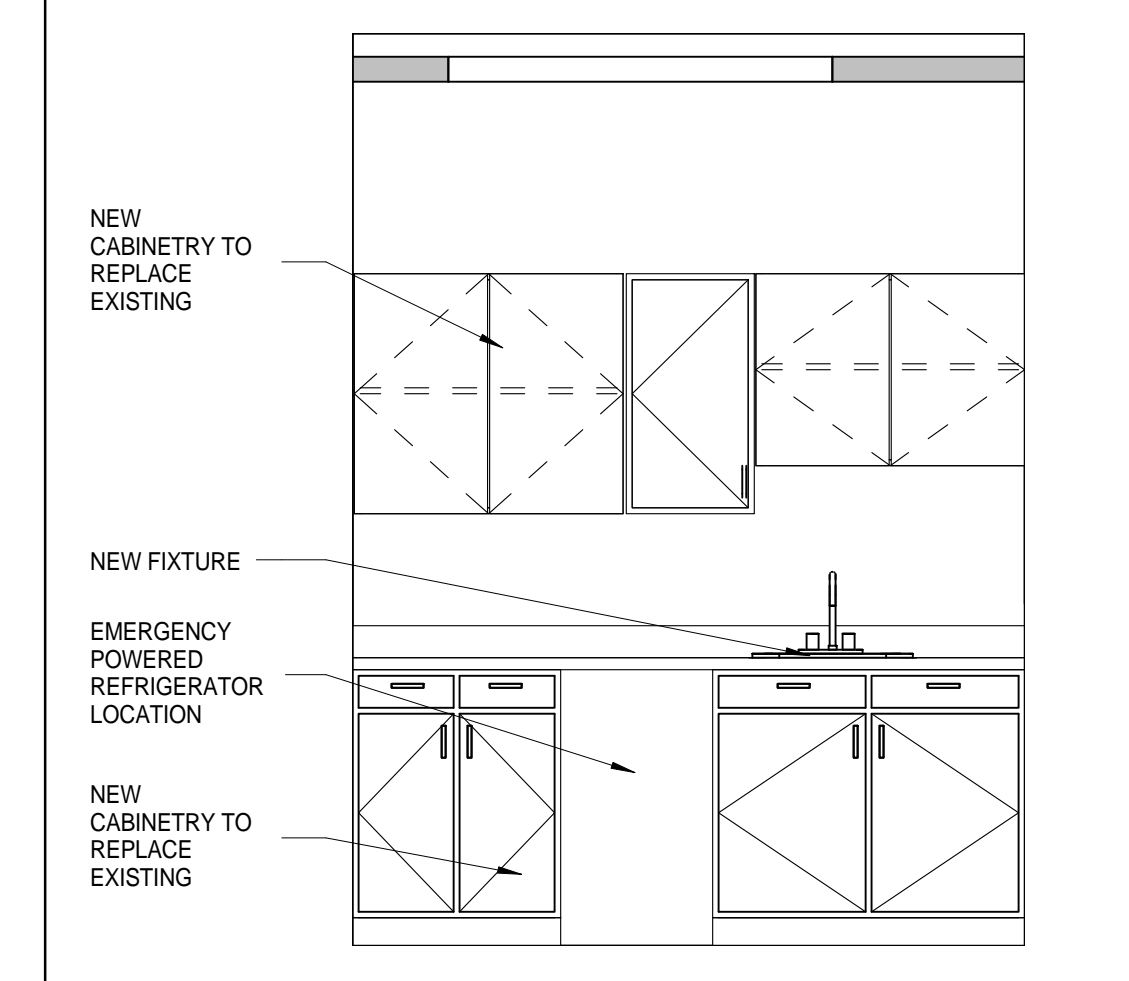
6 2B WORK LOUNGE  
1/2" = 1'-0"



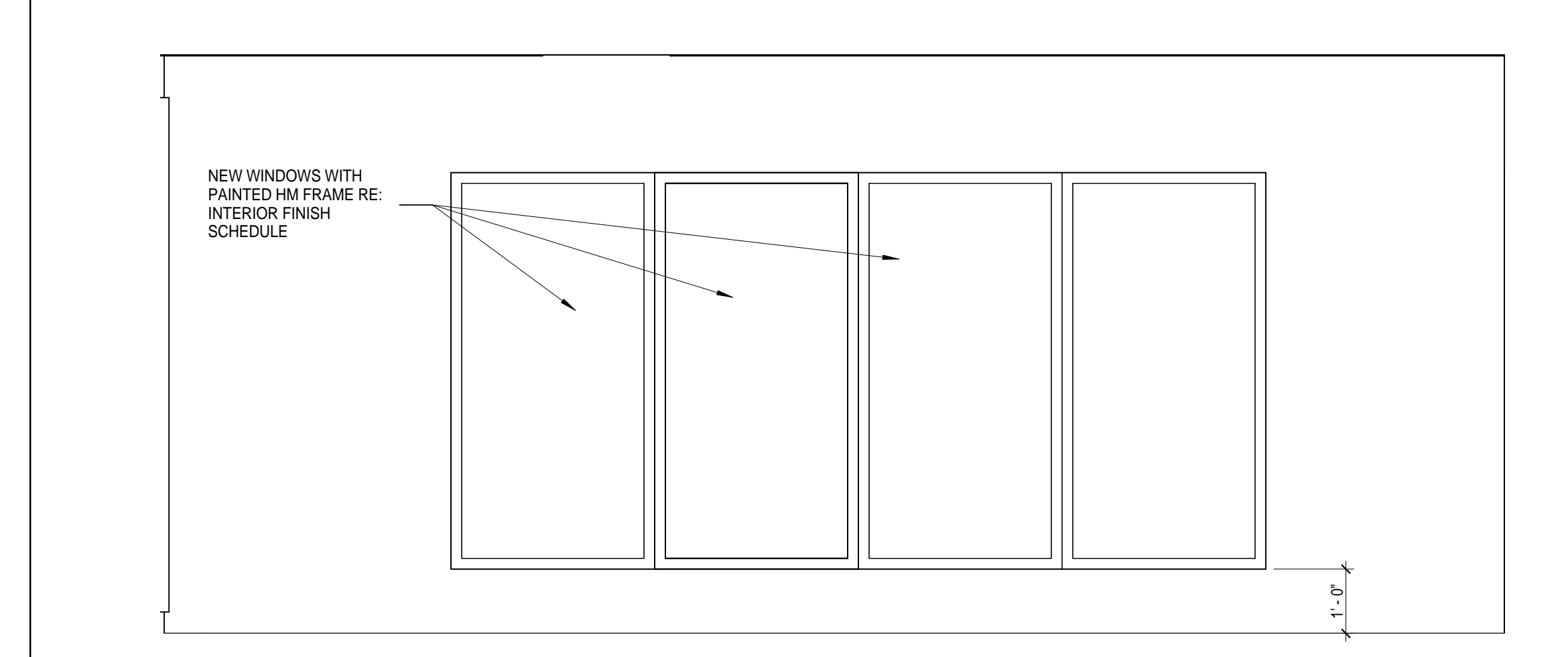
5 2B WORK LOUNGE  
1/2" = 1'-0"



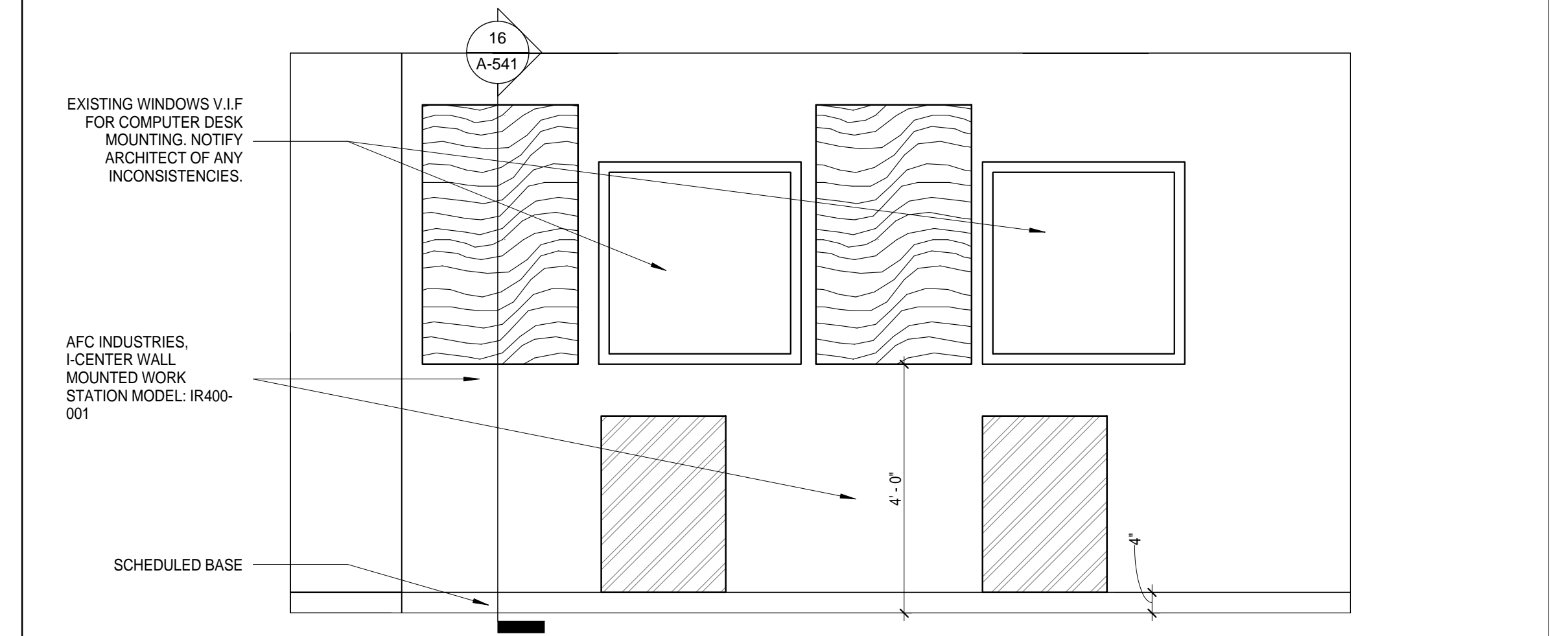
4 2B LAUNDRY ROOM  
1/2" = 1'-0"



3 2B MEDICINE ROOM  
1/2" = 1'-0"



2 GAME ROOM EXTERIOR  
1/2" = 1'-0"



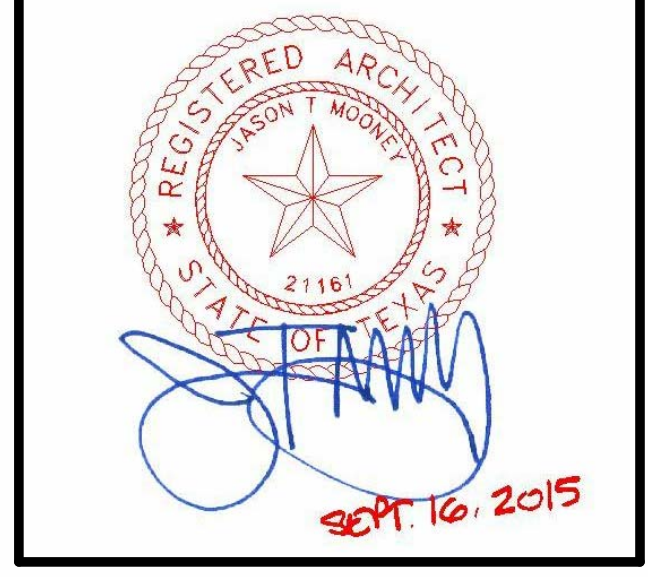
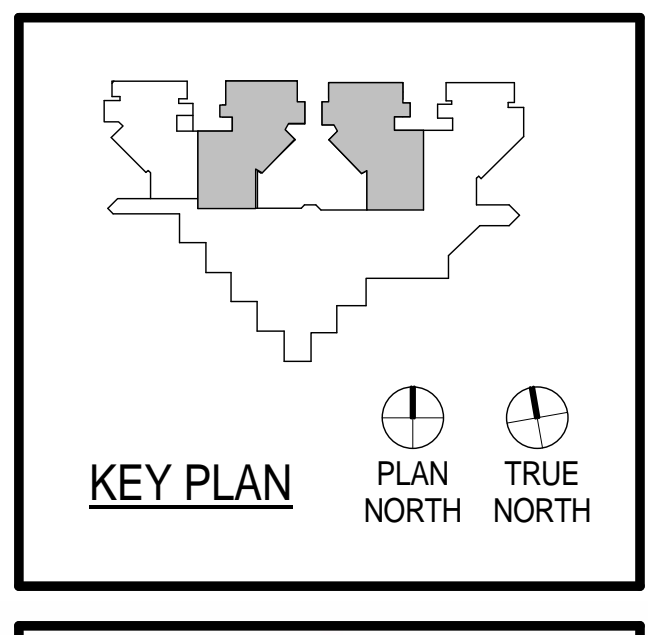
1 GROUP ROOM NORTH WALL  
1/2" = 1'-0"

11 Greenway Plaza, 22nd Floor  
Houston, TX 77046  
713-965-0608 P  
713-961-4571 F  
Texas Registered Engineering Firm: F-3709

In Association with:

MEP:  
Shah Smith  
& ASSOCIATES, INC  
2825 Wilcrest, Suite #350  
Houston, Texas 77069  
713-780-7563 P  
713-780-9209  
Texas Registered Engineering Firm: F-2113

**HARRIS COUNTY  
PSYCHIATRIC CENTER UNIT  
1D AND 2B RENOVATION**



CLIENT



PROJECT NUMBER	14265	
DATE	SEPTEMBER 16, 2015	
DRAWN BY	VG	
CHECKED BY	JM	
REVISIONS		
No.	Description	Date

ISSUE FOR CONSTRUCTION

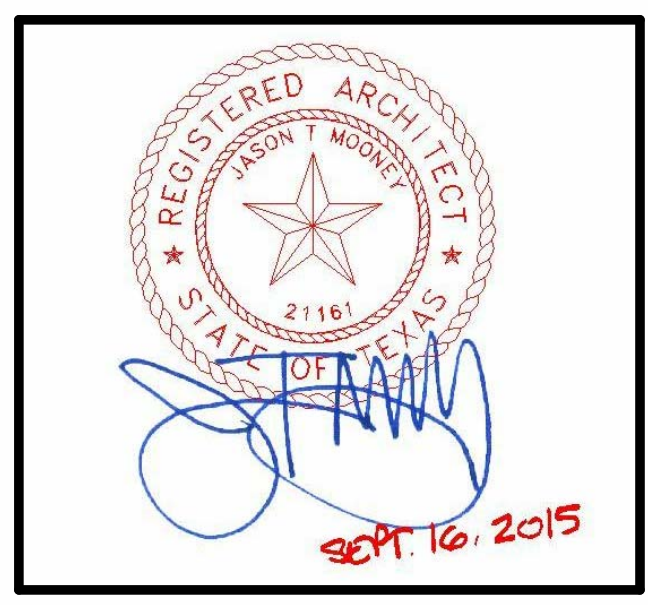
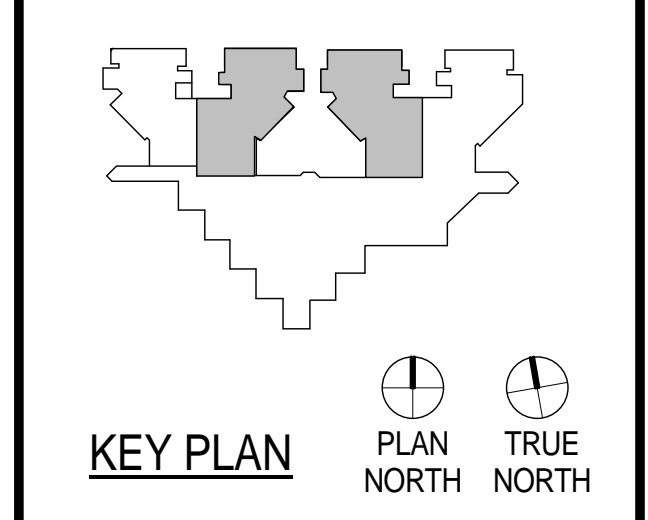
**INTERIOR  
ELEVATIONS &  
TYPICAL MOUNTING  
HEIGHTS**

**A-421**

11 Greenway Plaza, 22nd Floor  
Houston, TX 77046  
713-965-0668 P  
713-961-4571 F  
Texas Registered Engineering Firm: F-3709

In Association with:  
MEP:  
Shah Smith  
& ASSOCIATES, INC  
2825 Wilcrest, Suite #350  
Houston, Texas 77046  
713-780-7563 P  
713-780-9209  
Texas Registered Engineering Firm: F-2113

**HARRIS COUNTY  
PSYCHIATRIC CENTER UNIT  
1D AND 2B RENOVATION**



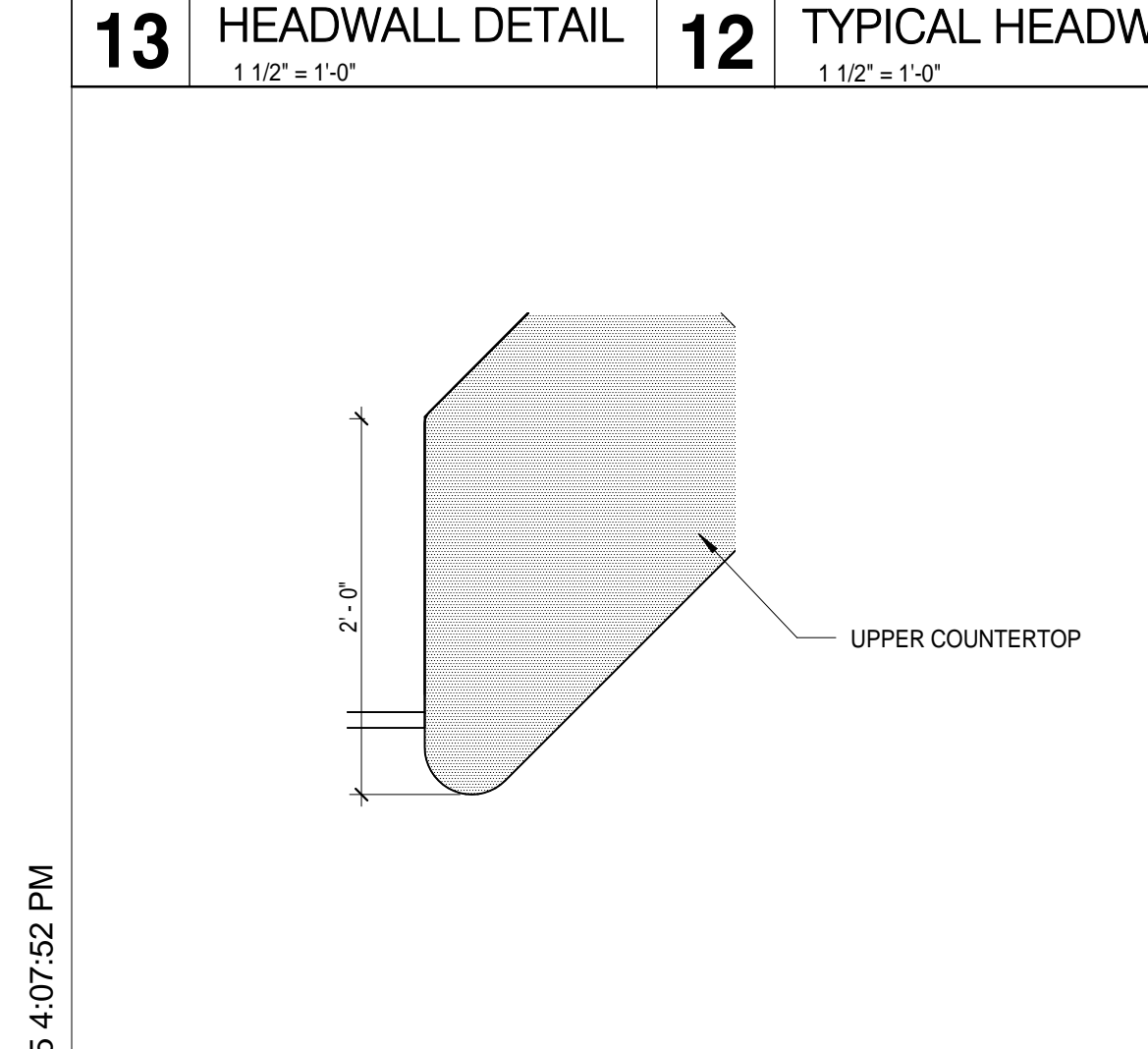
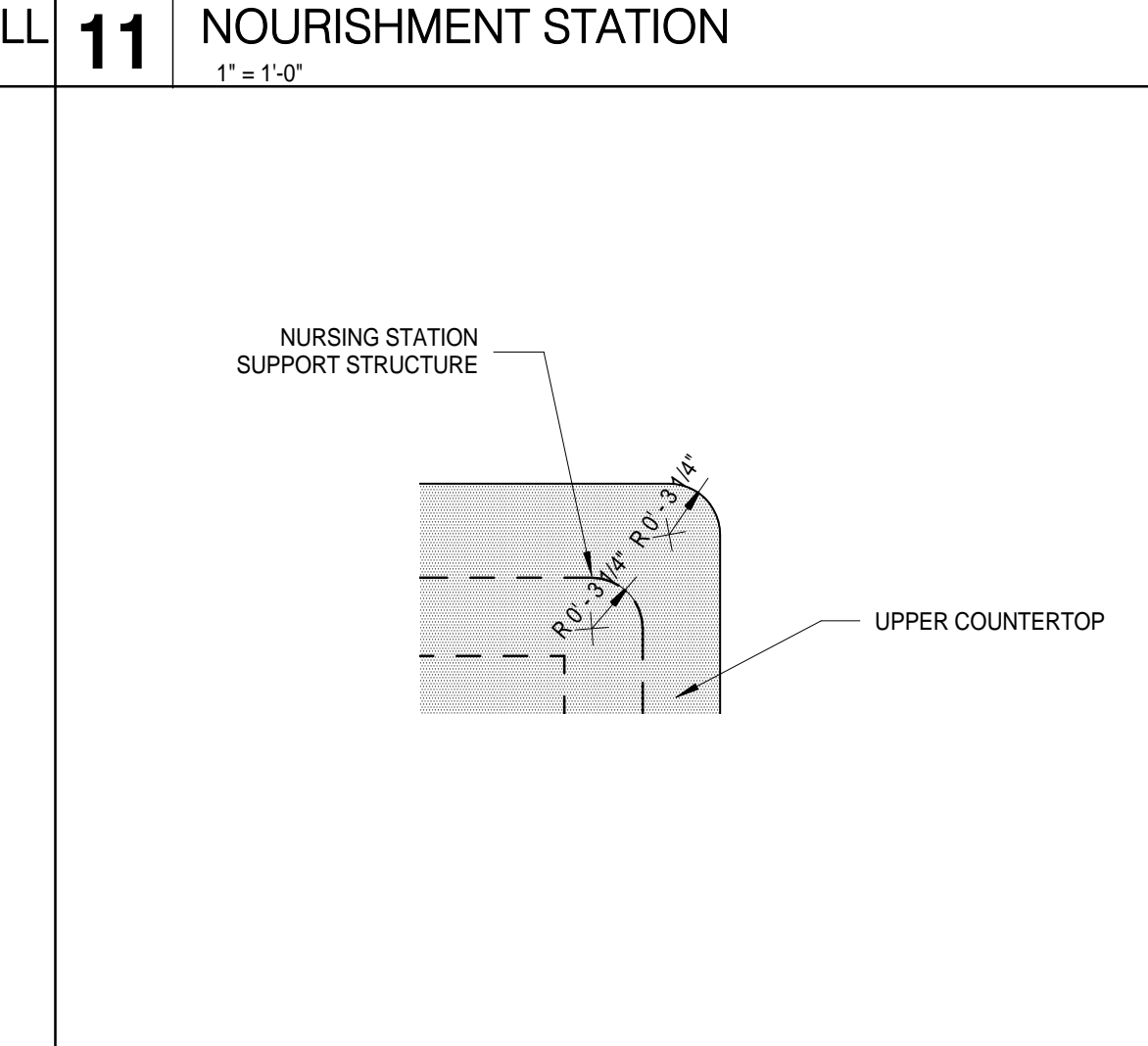
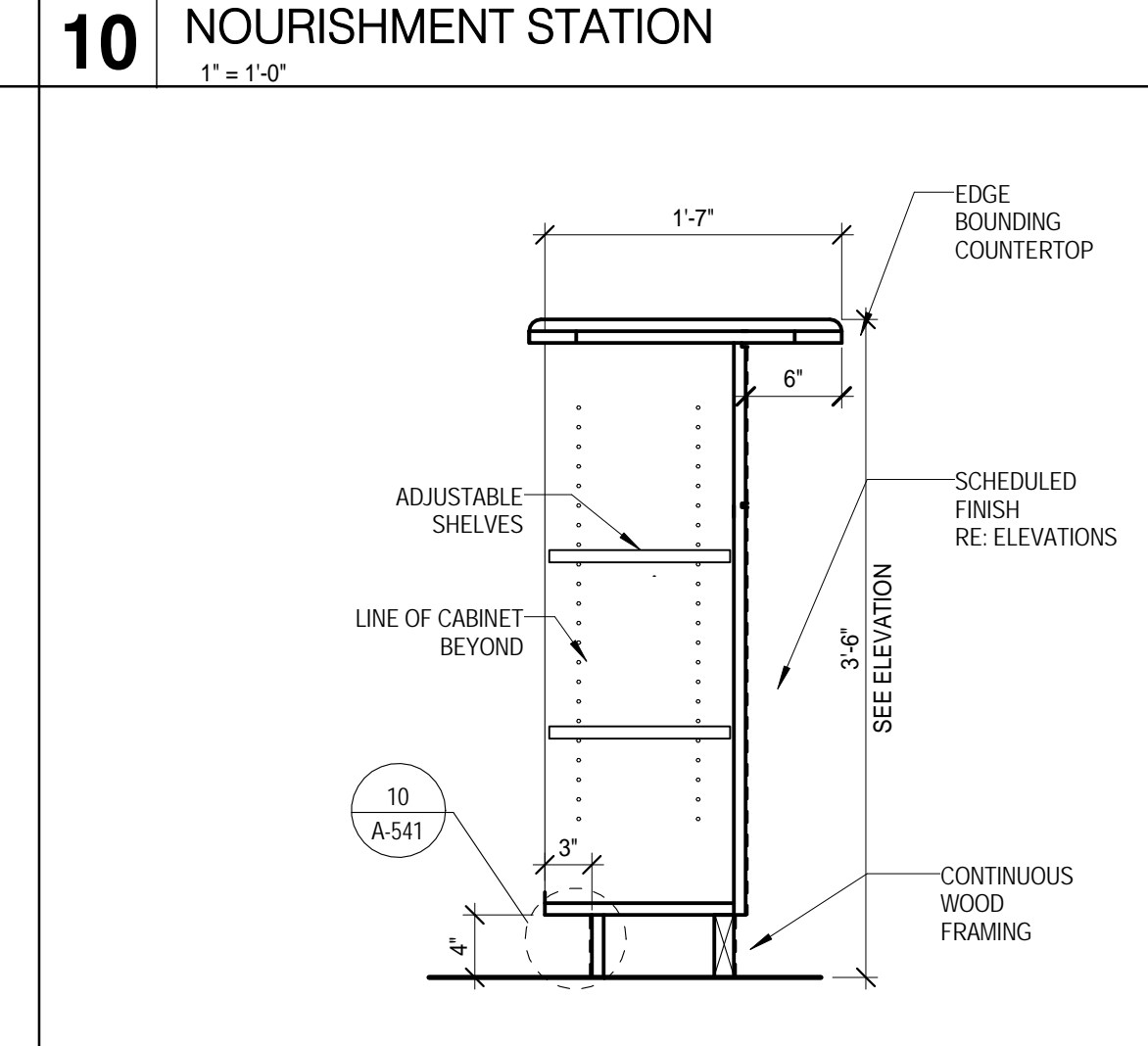
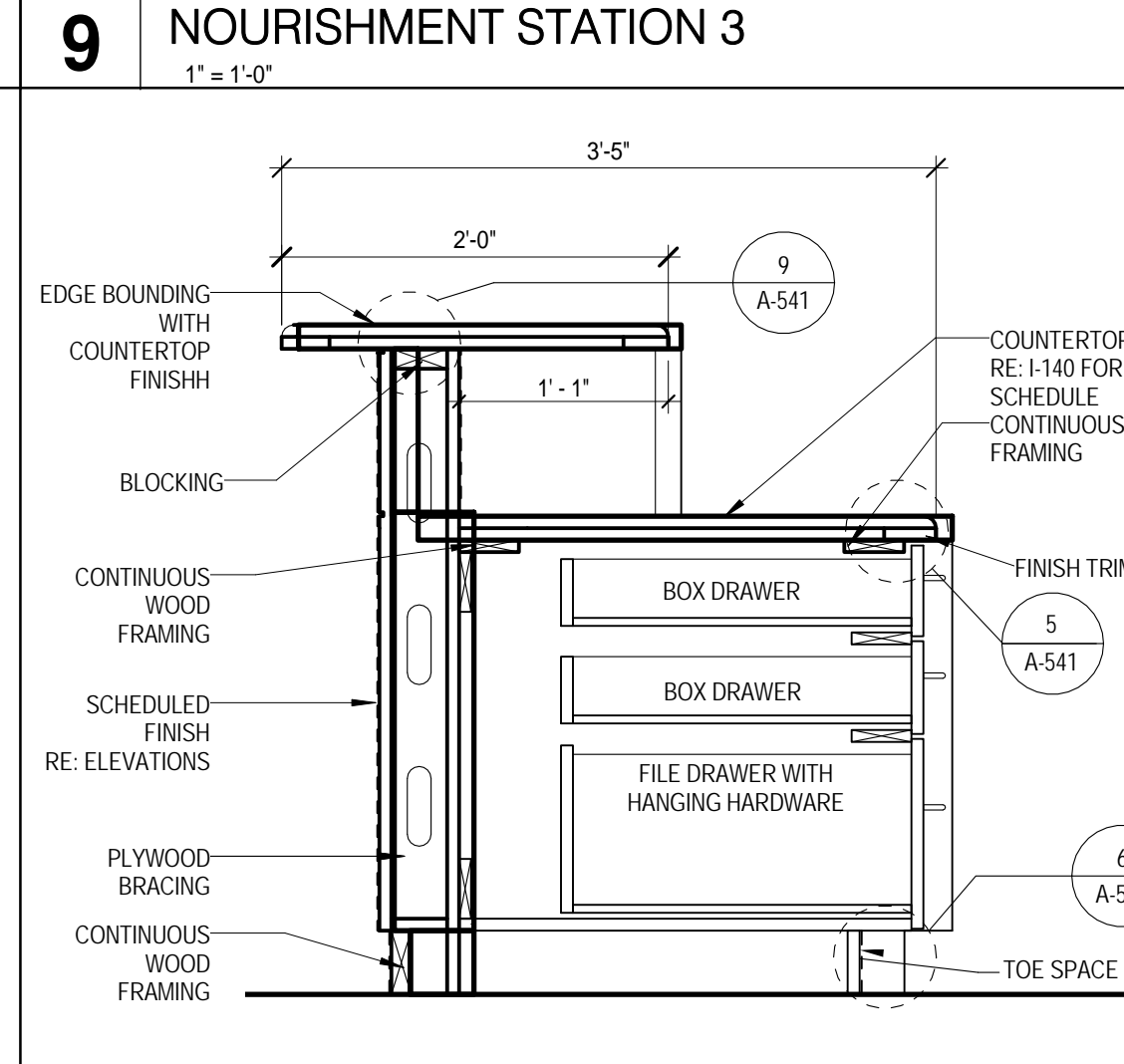
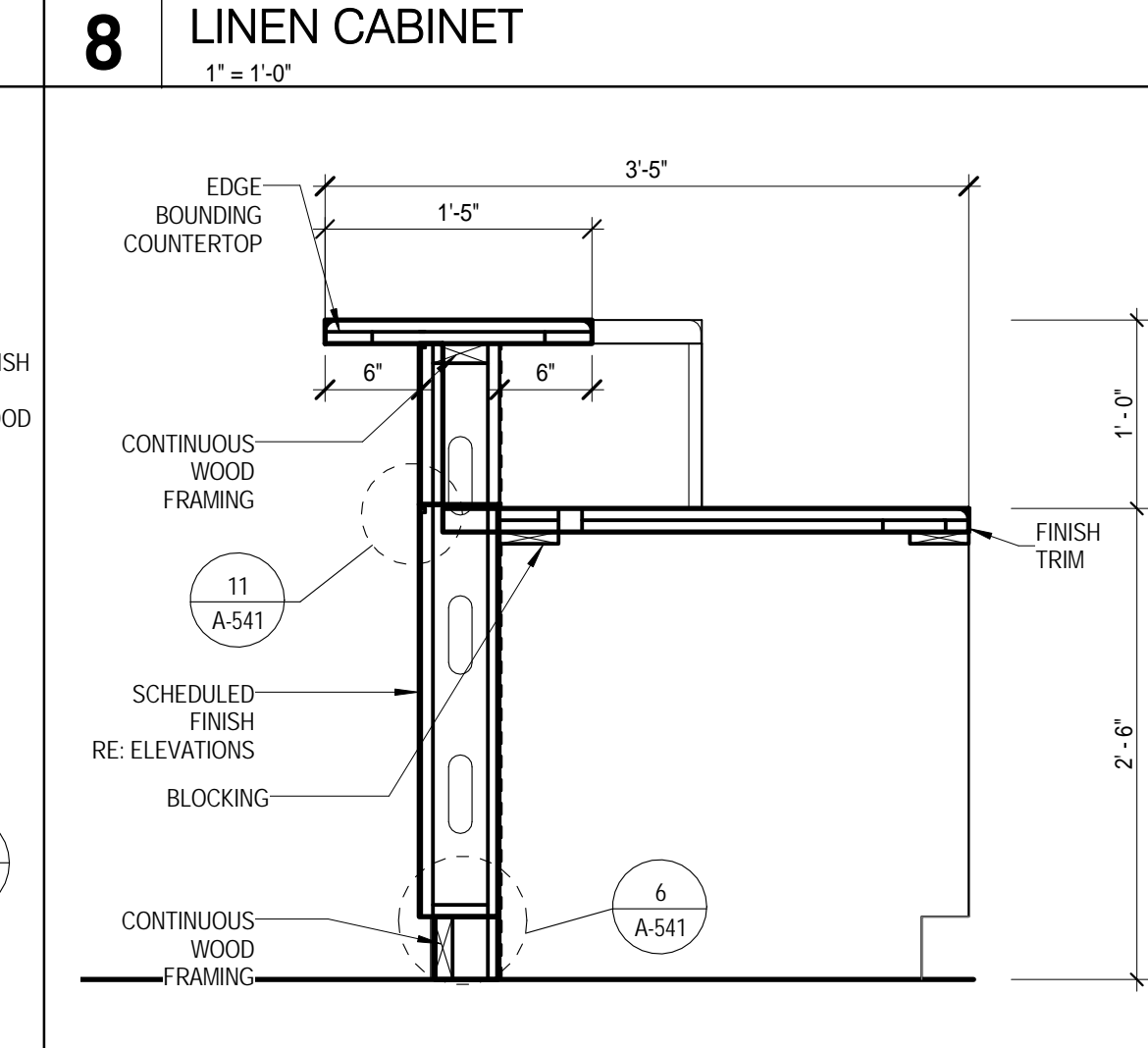
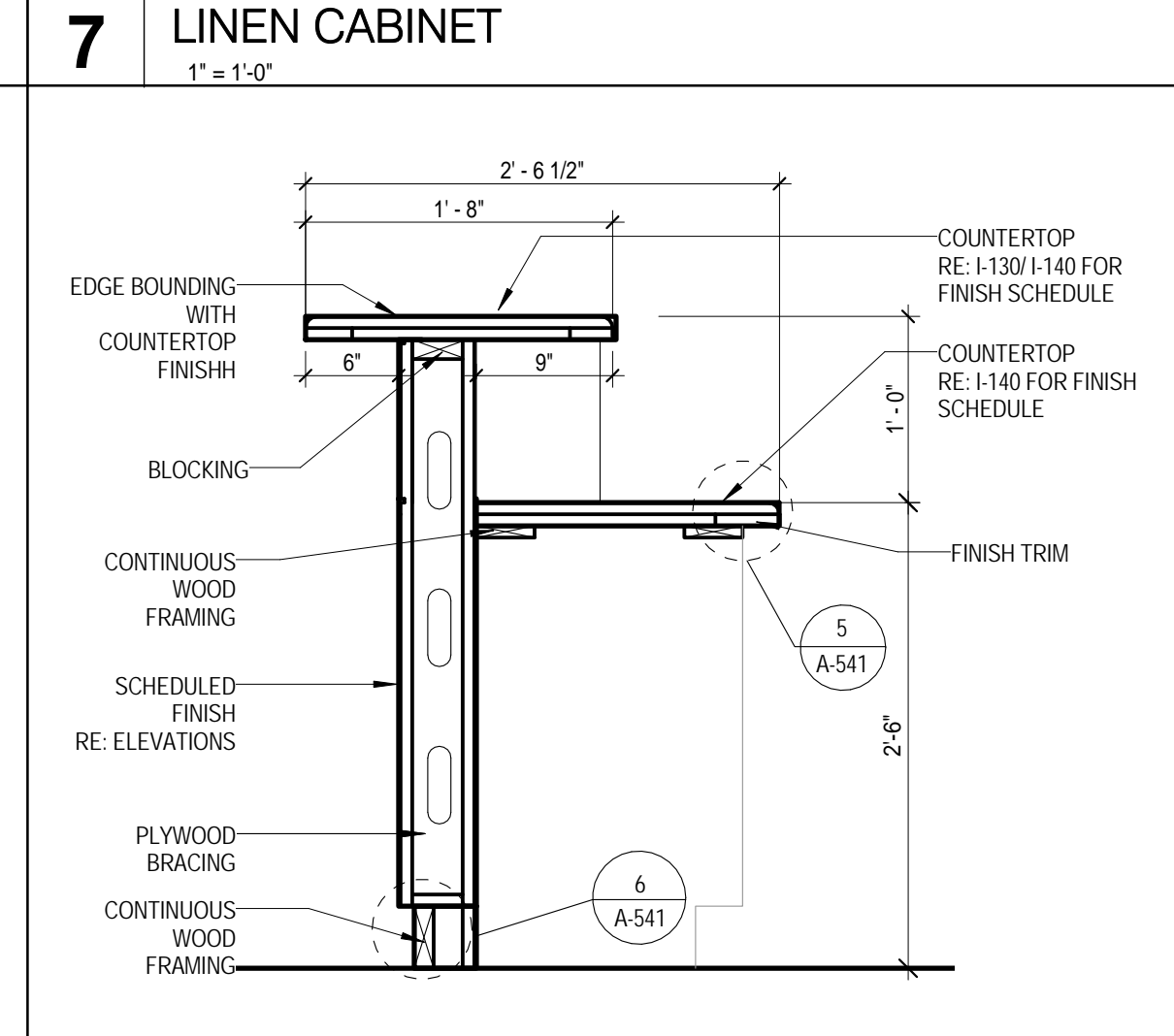
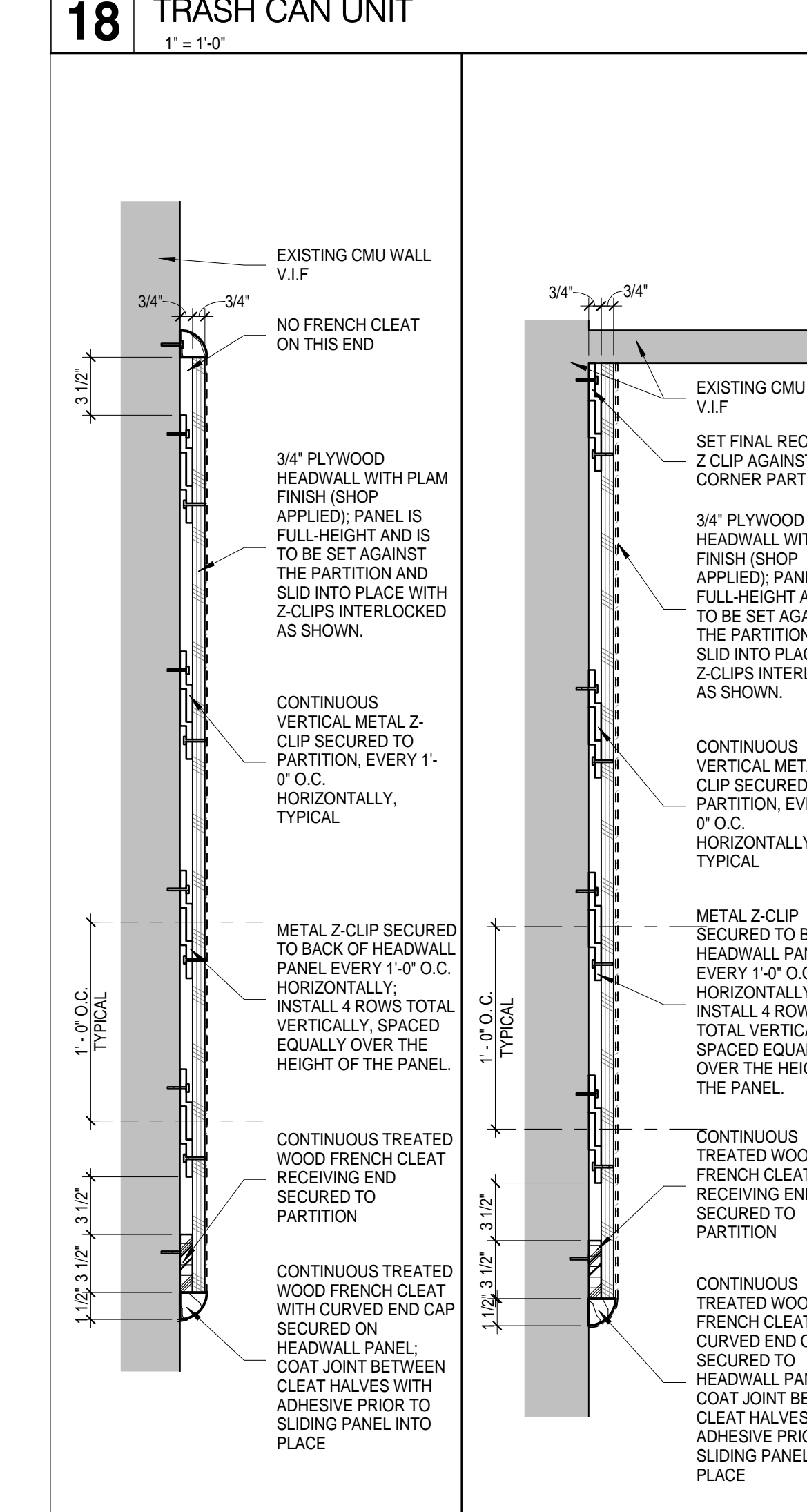
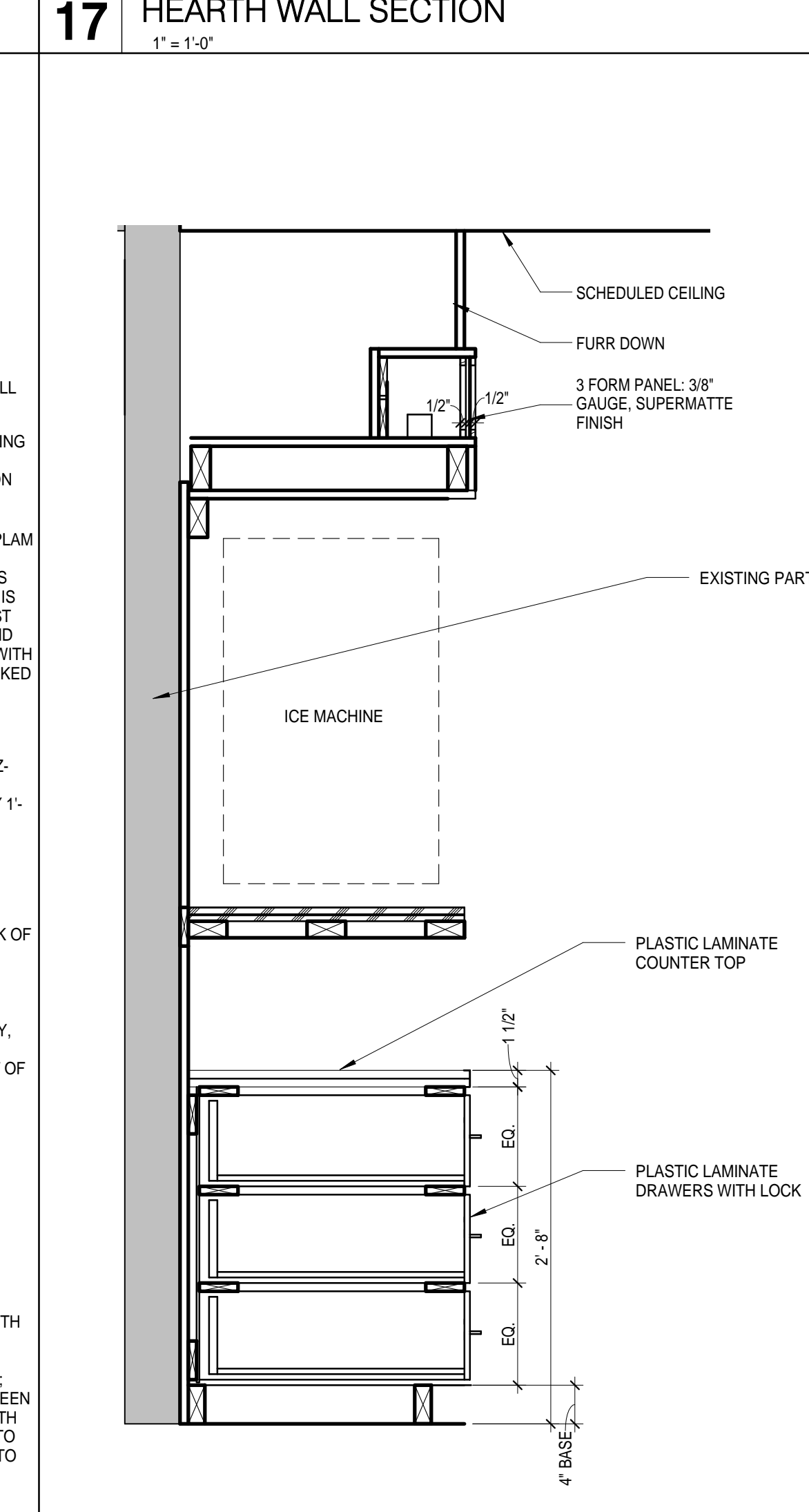
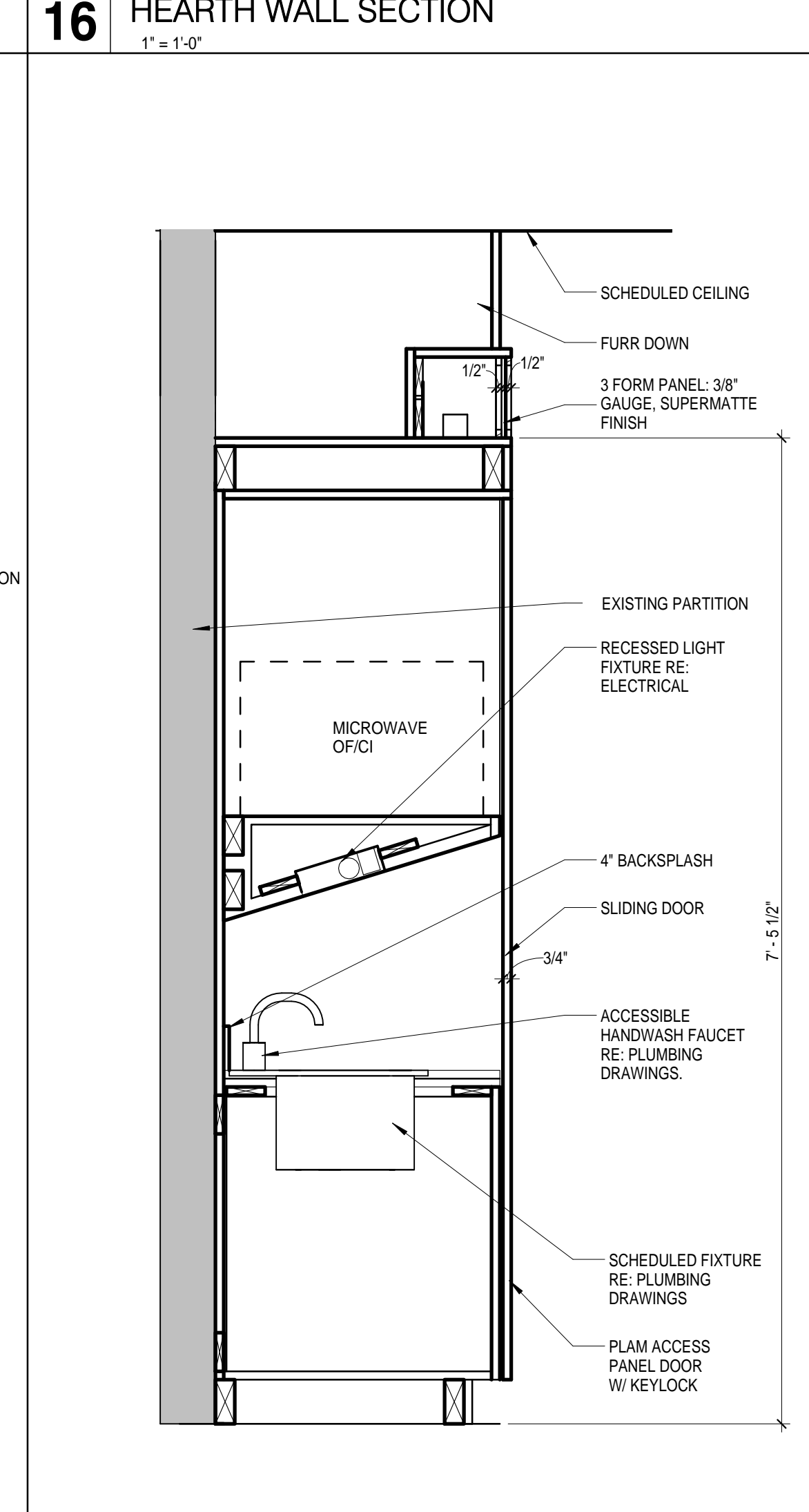
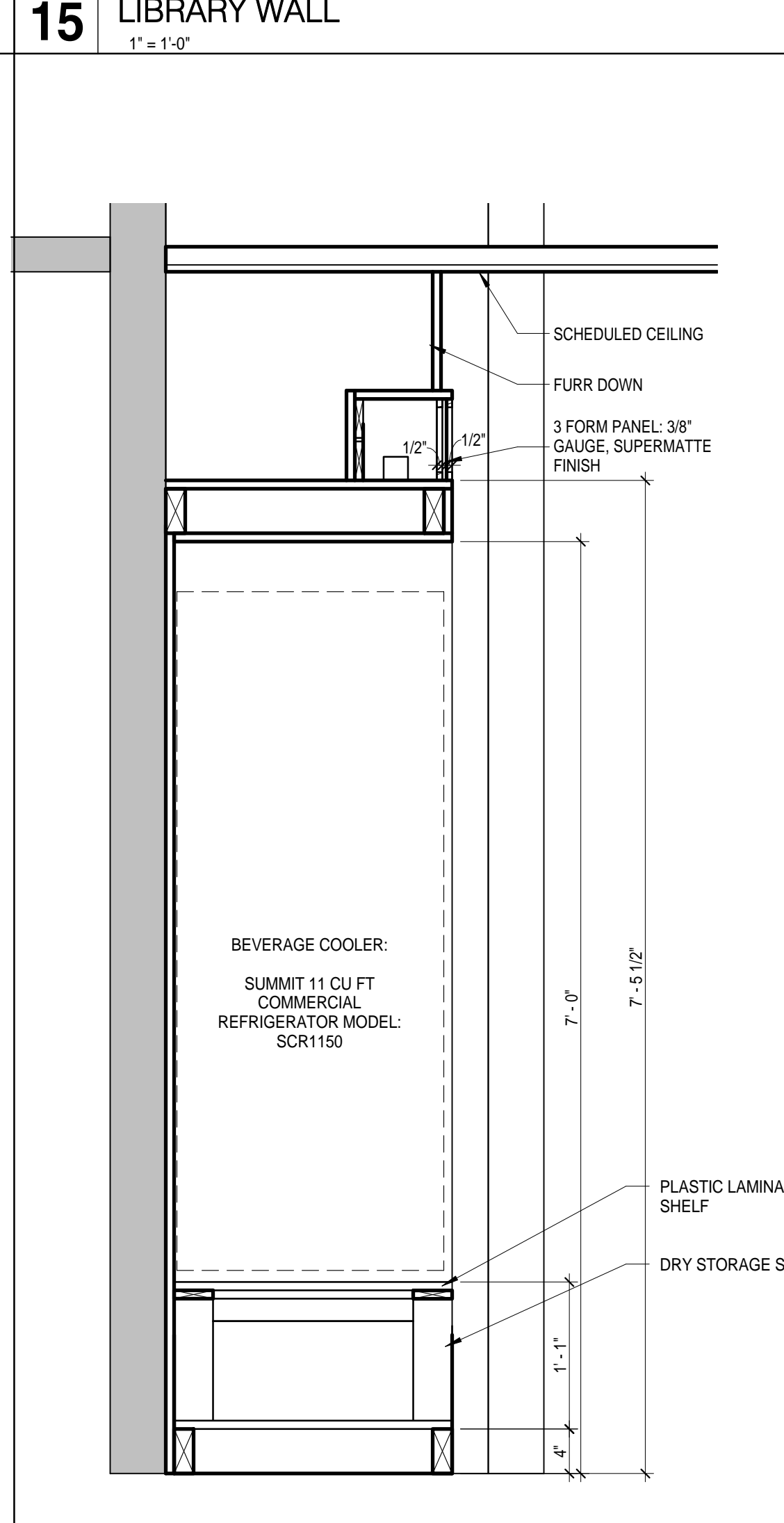
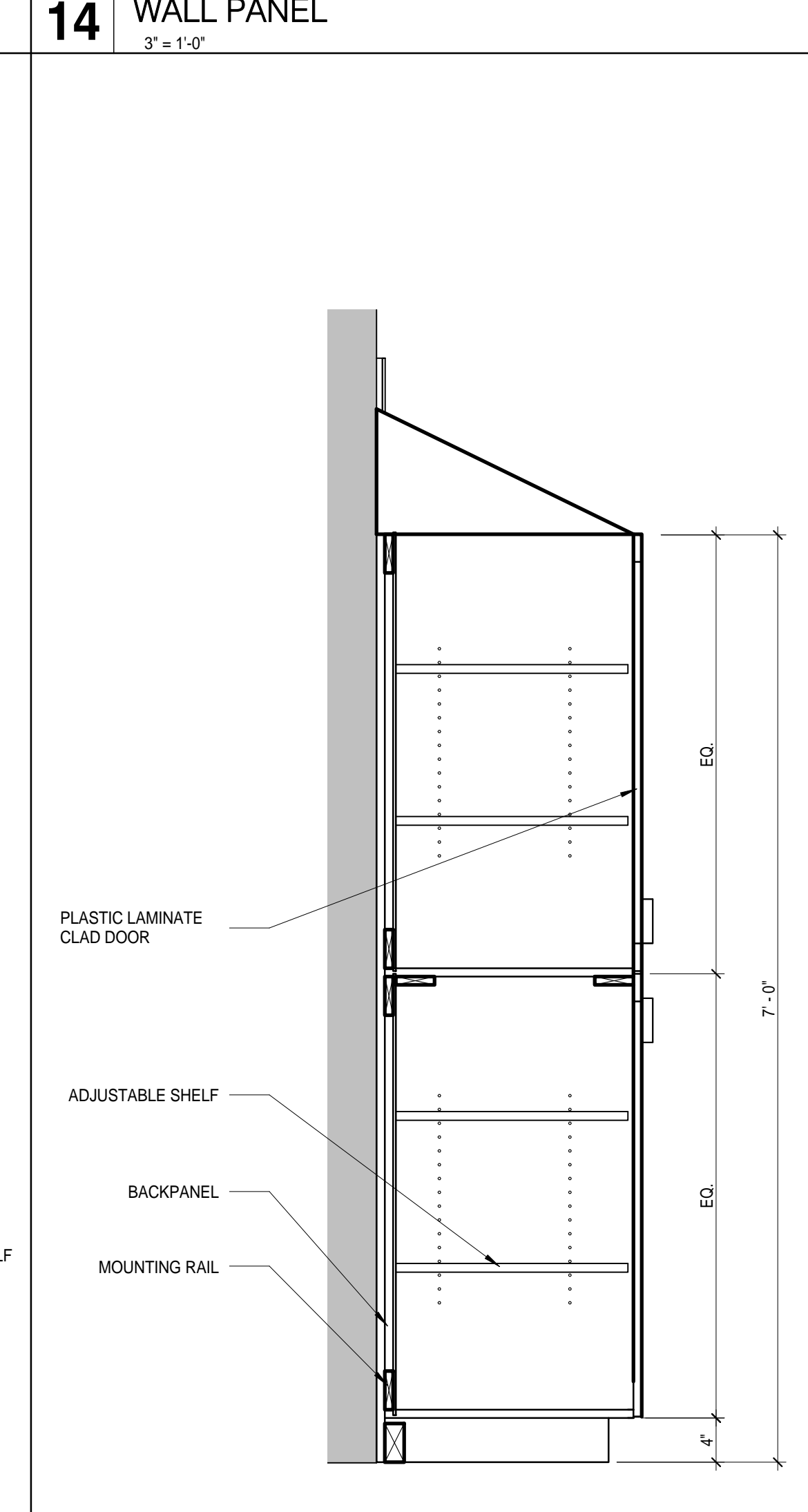
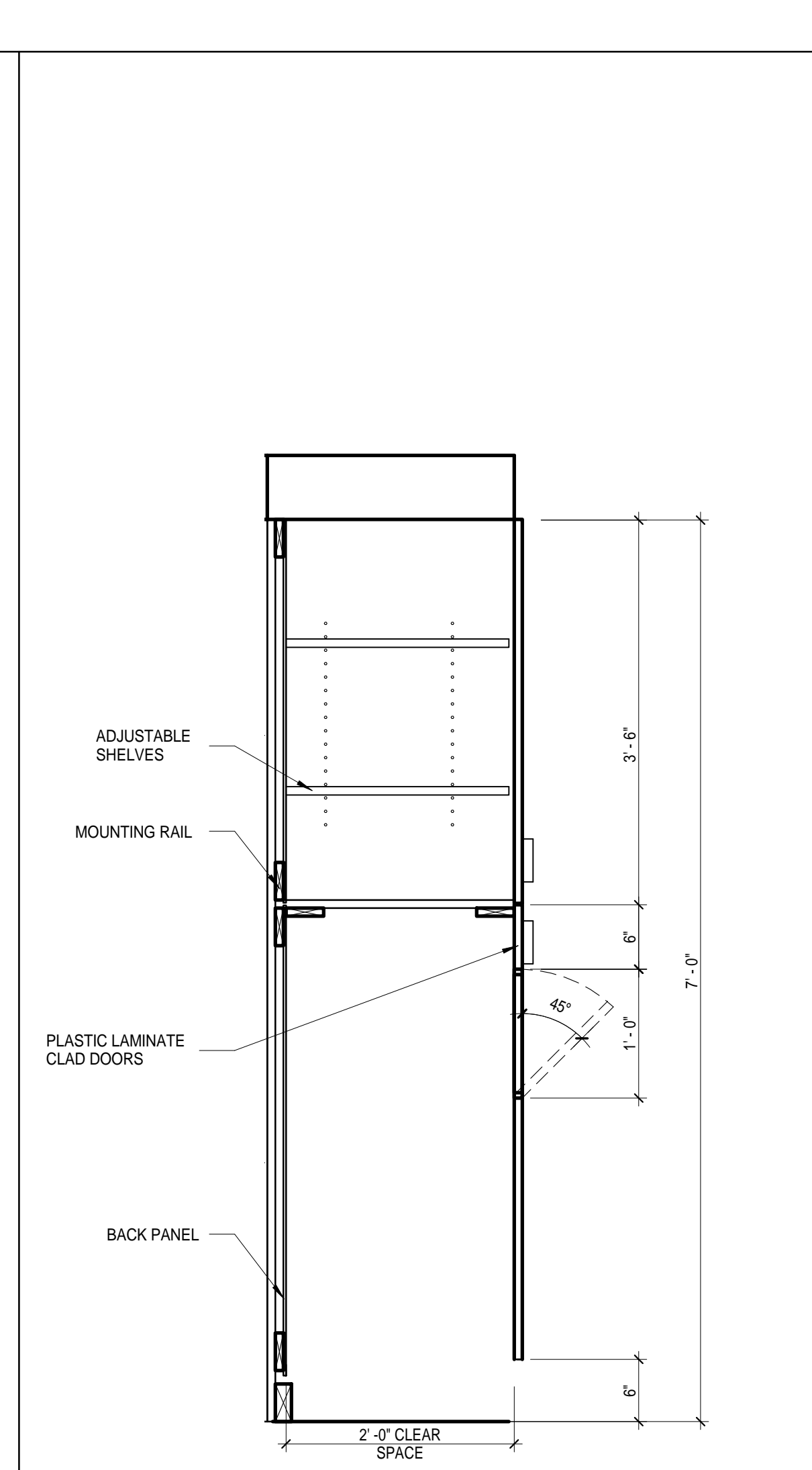
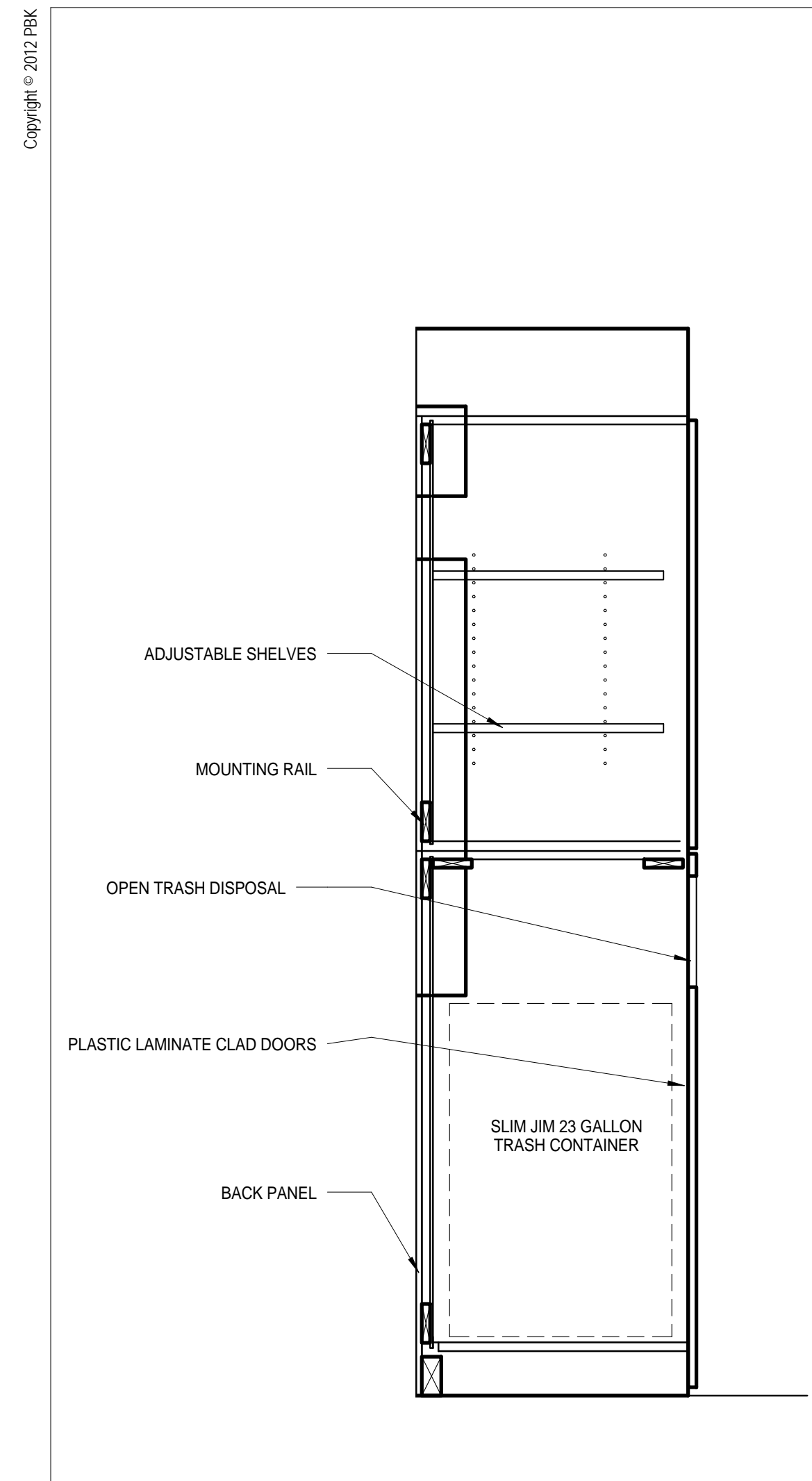
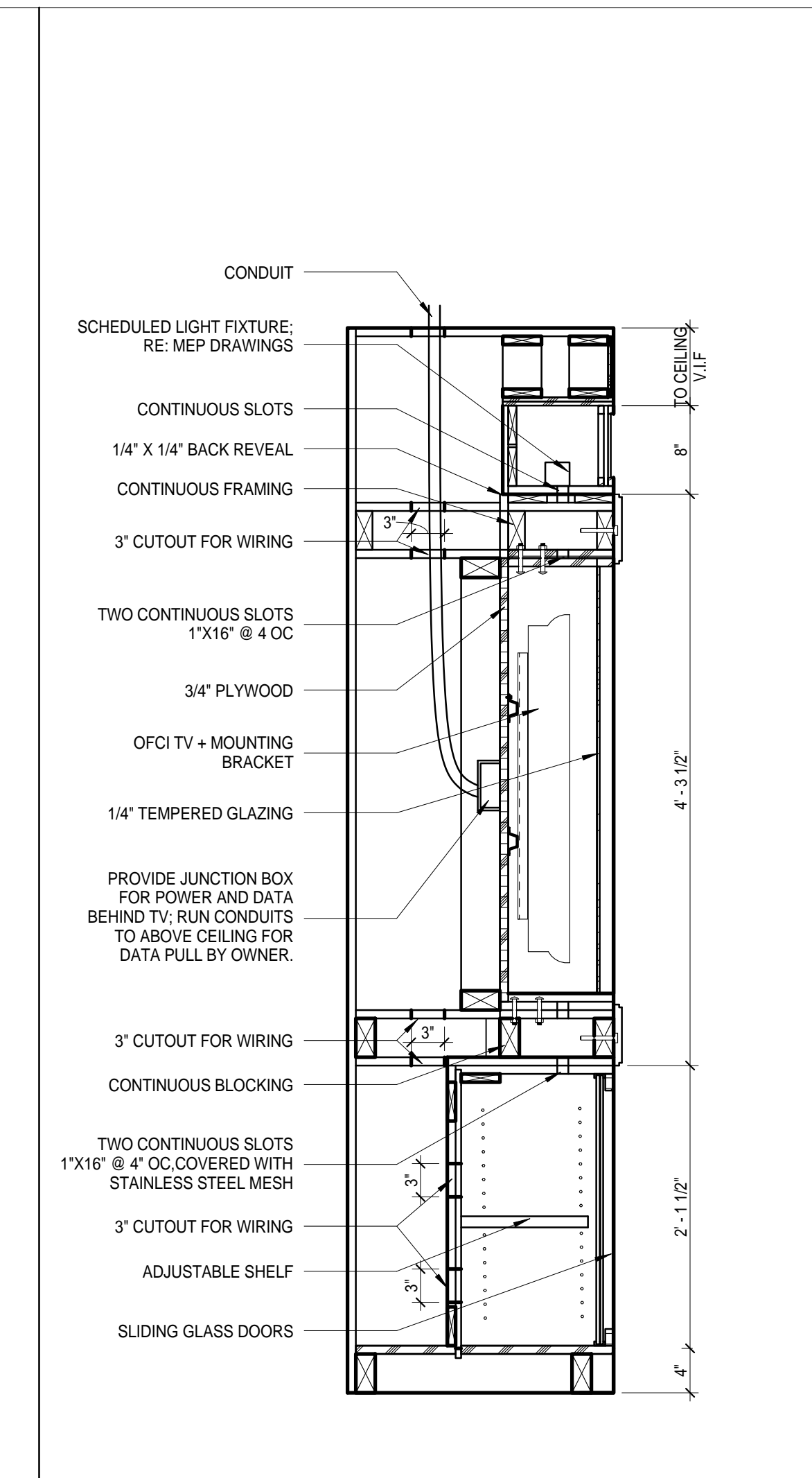
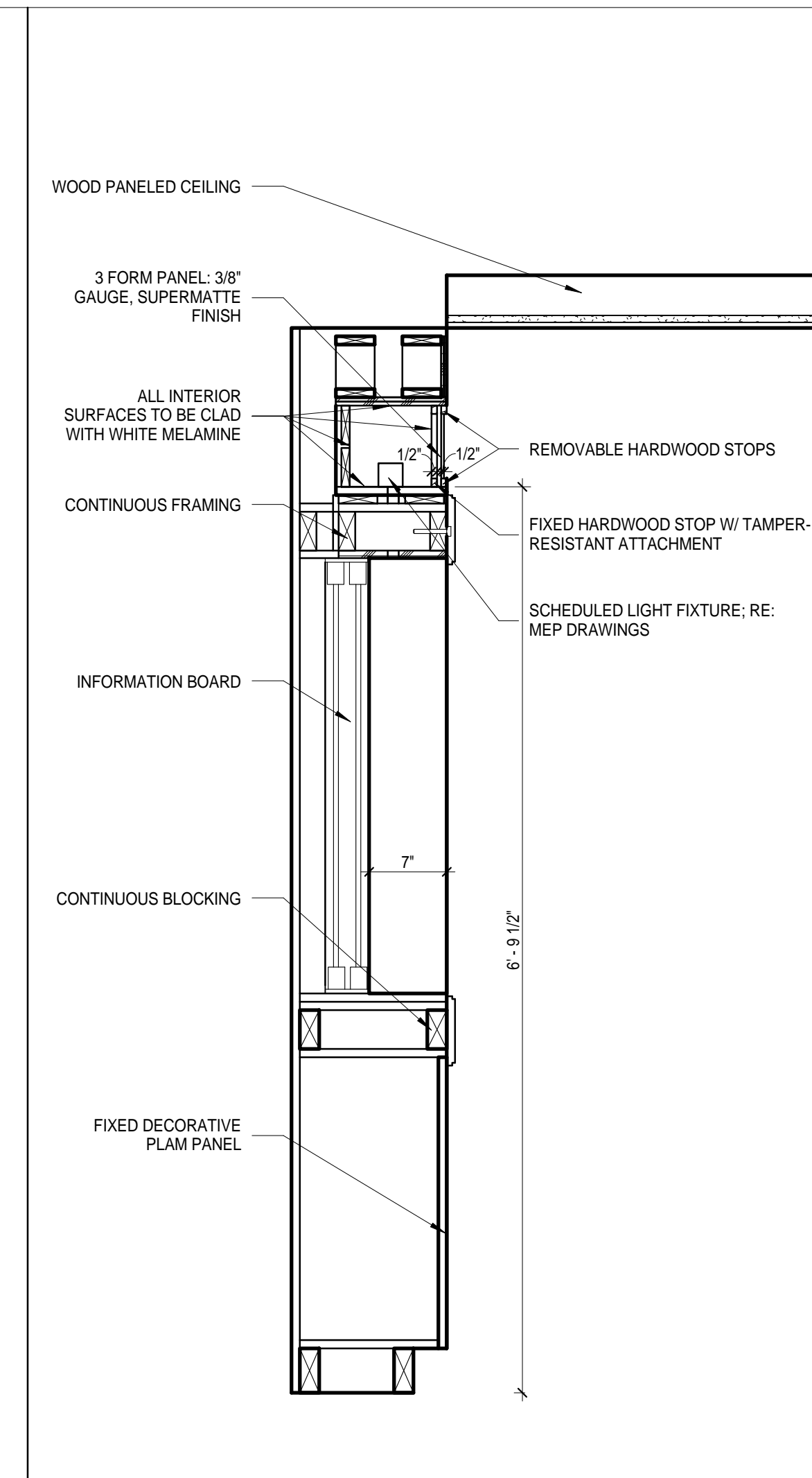
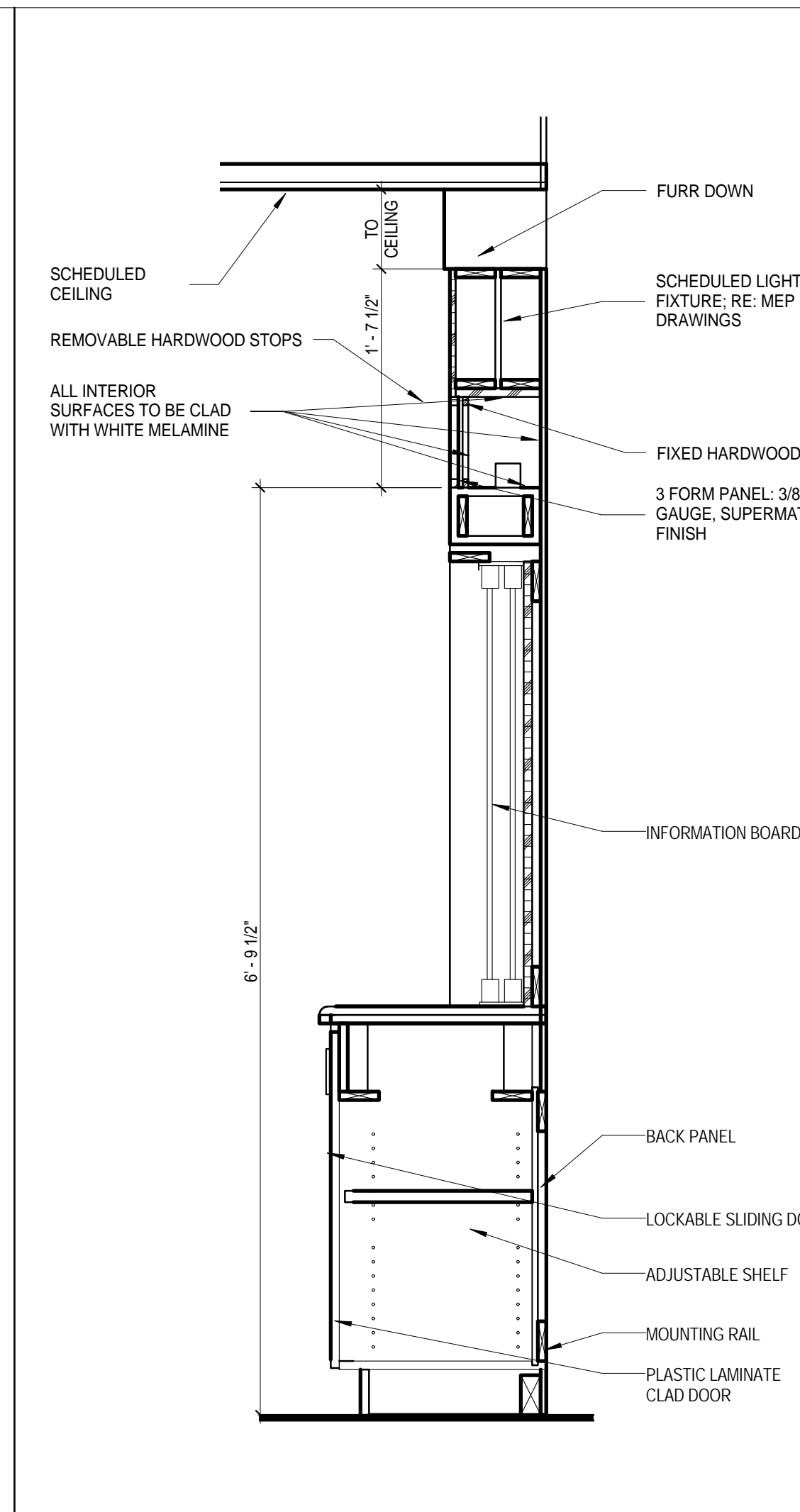
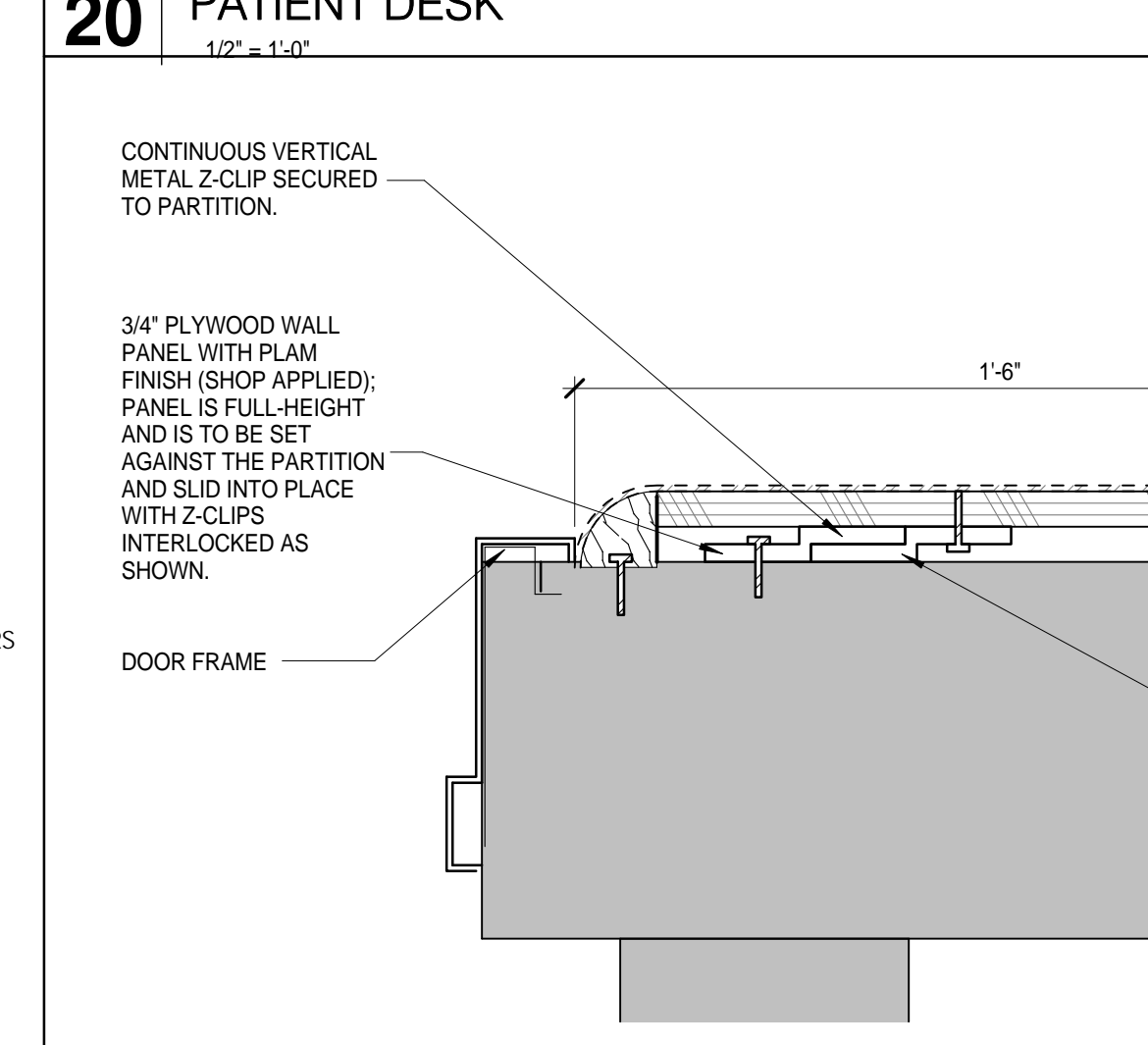
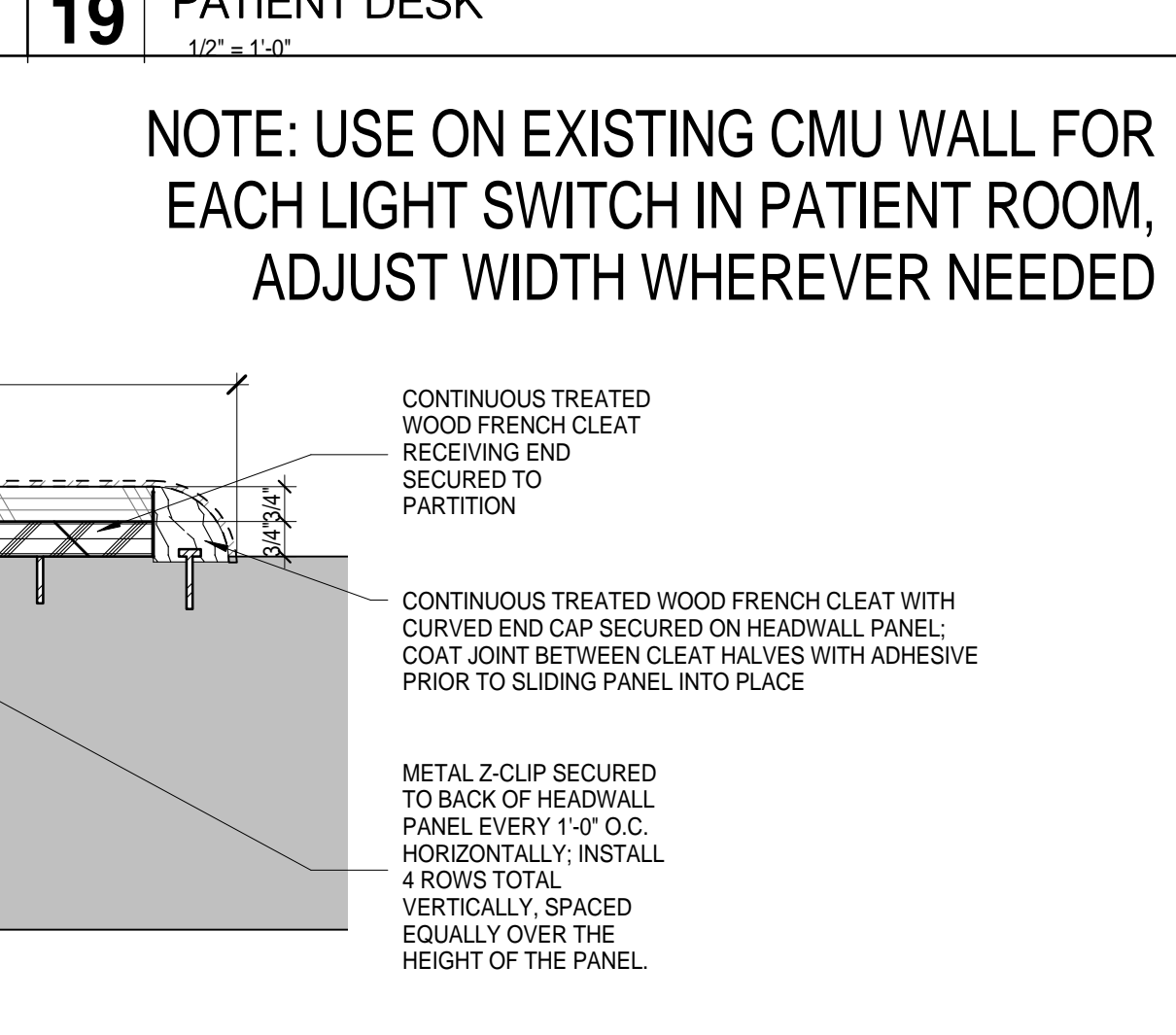
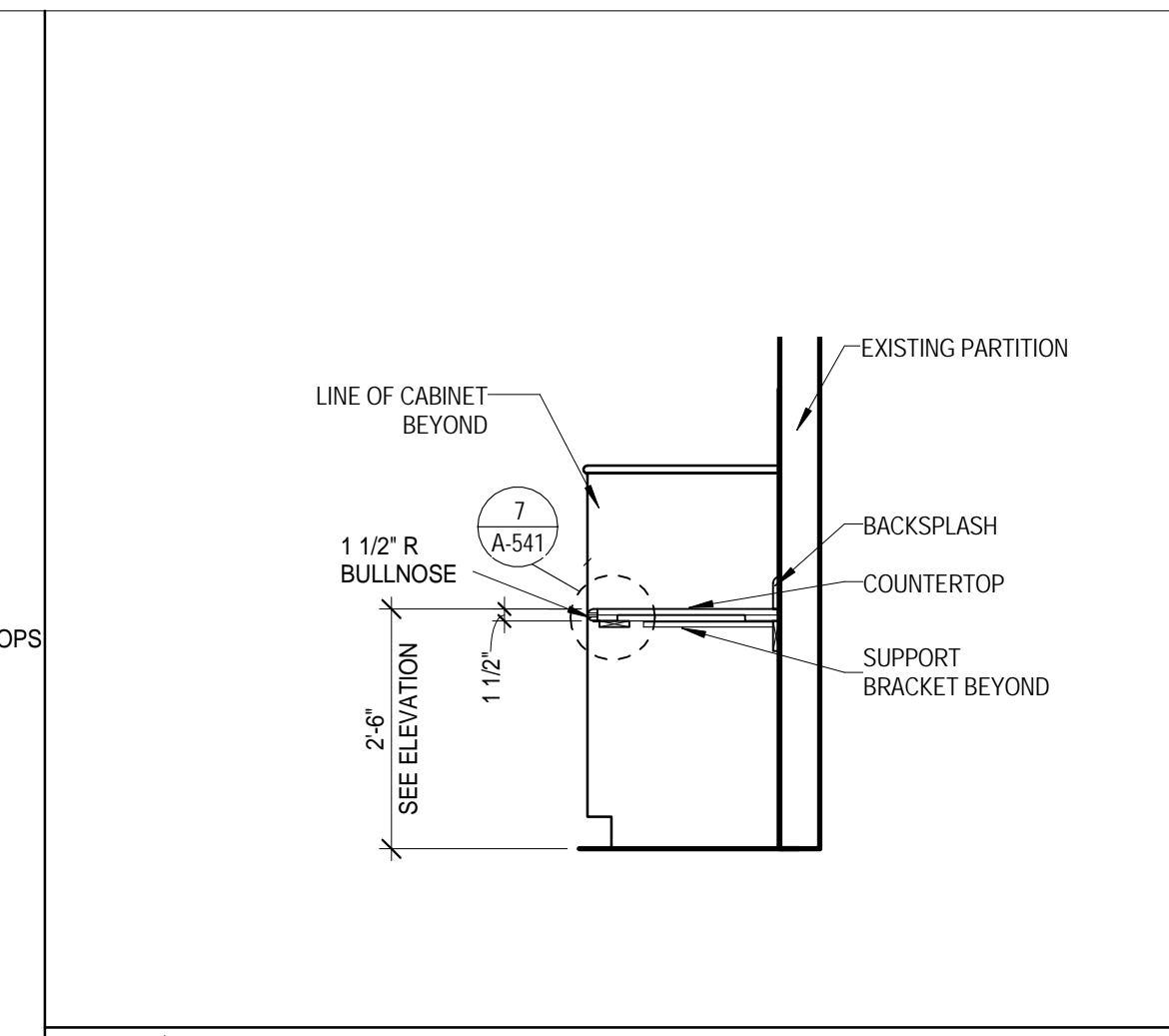
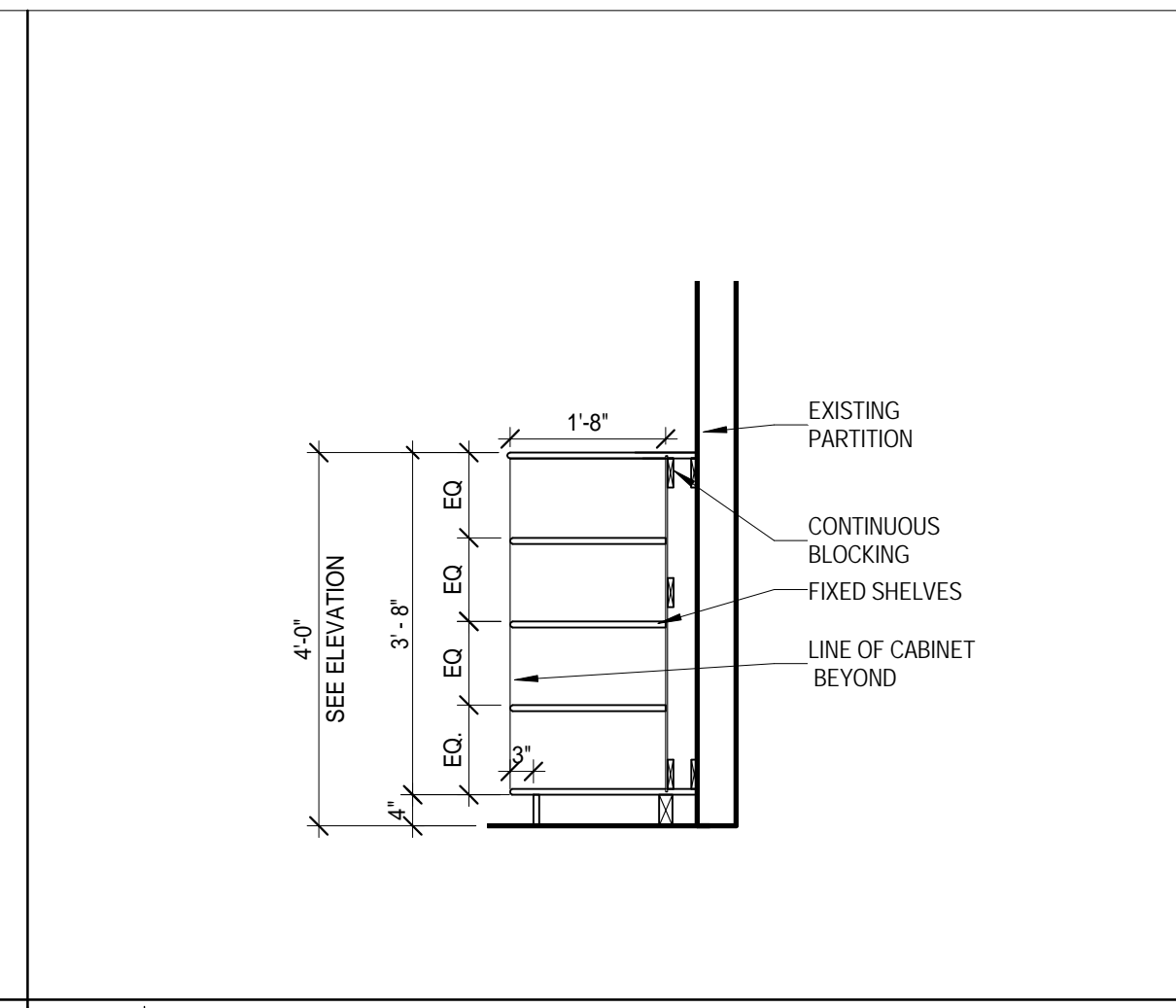
CLIENT  
**UTHealth**

PROJECT NUMBER 14265  
DATE SEPTEMBER 16, 2015  
DRAWN BY VG  
CHECKED BY JM  
REVISIONS

No.	Description	Date

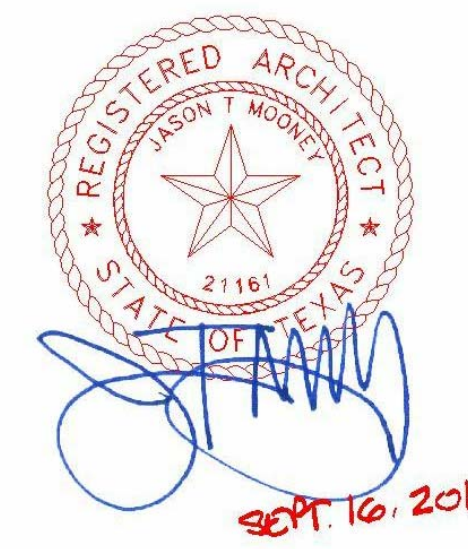
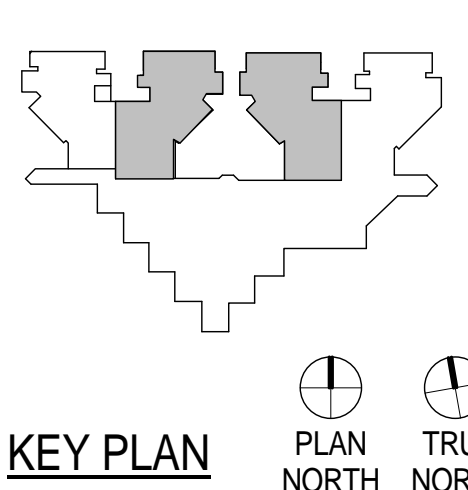
**MILLWORK SECTIONS & DETAILS**

**A-540**





## HARRIS COUNTY PSYCHIATRIC CENTER UNIT 1D AND 2B RENOVATION



CLIENT



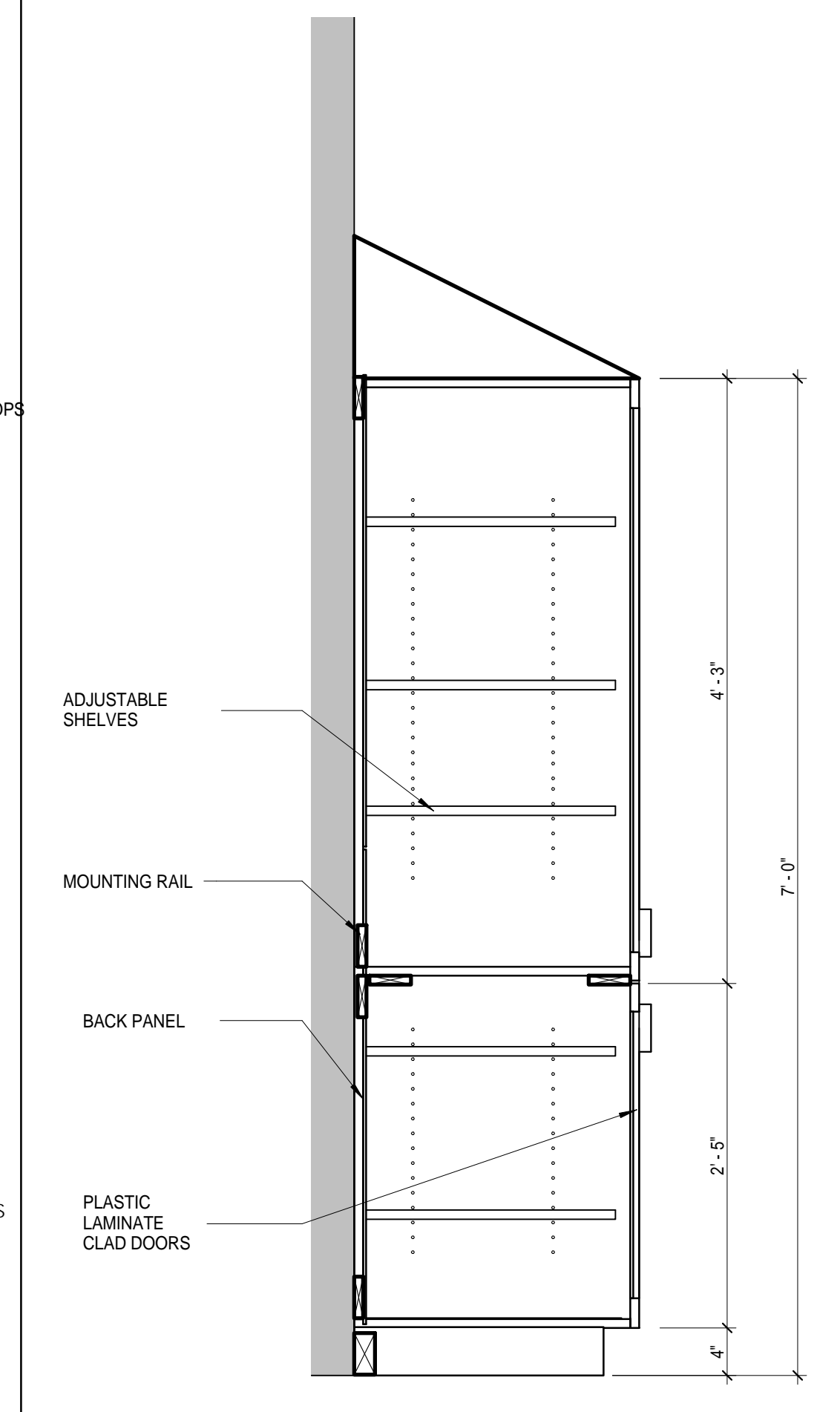
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DATE SEPTEMBER 16, 2015  
DRAWN BY VG  
CHECKED BY JM  
REVISIONS

No.	Description	Date

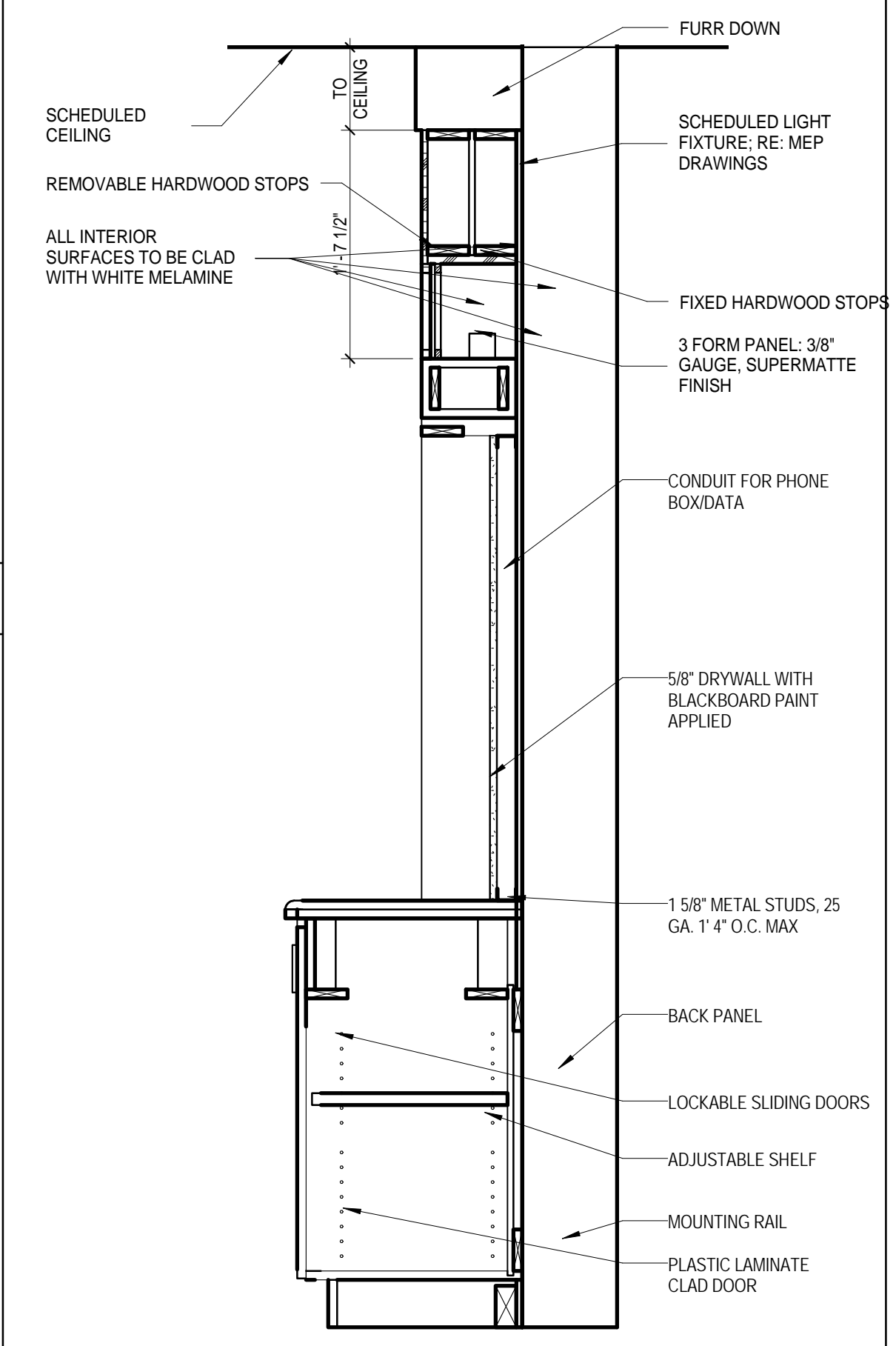
ISSUE FOR CONSTRUCTION

### MILLWORK SECTIONS & DETAILS

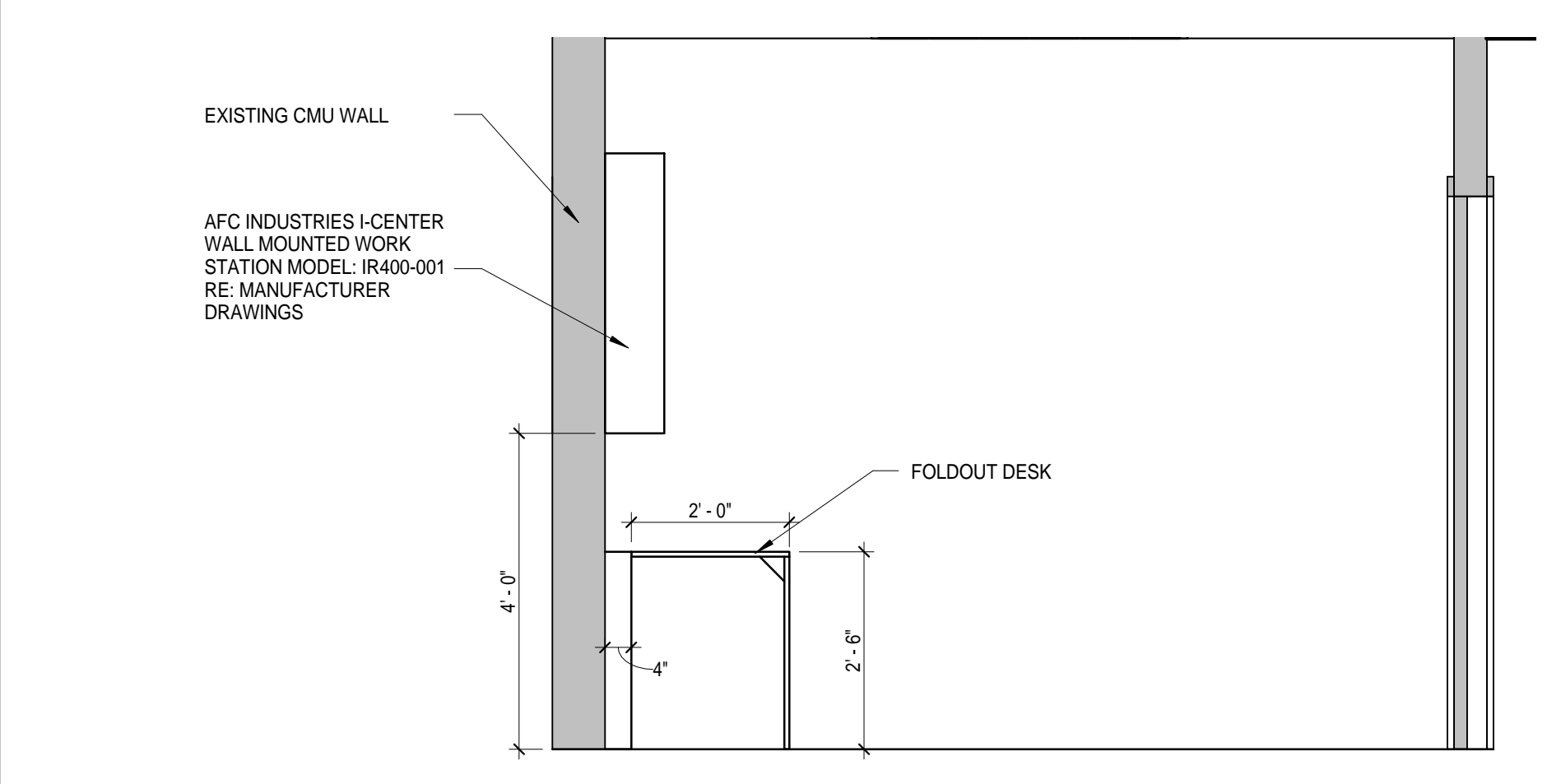
A-541



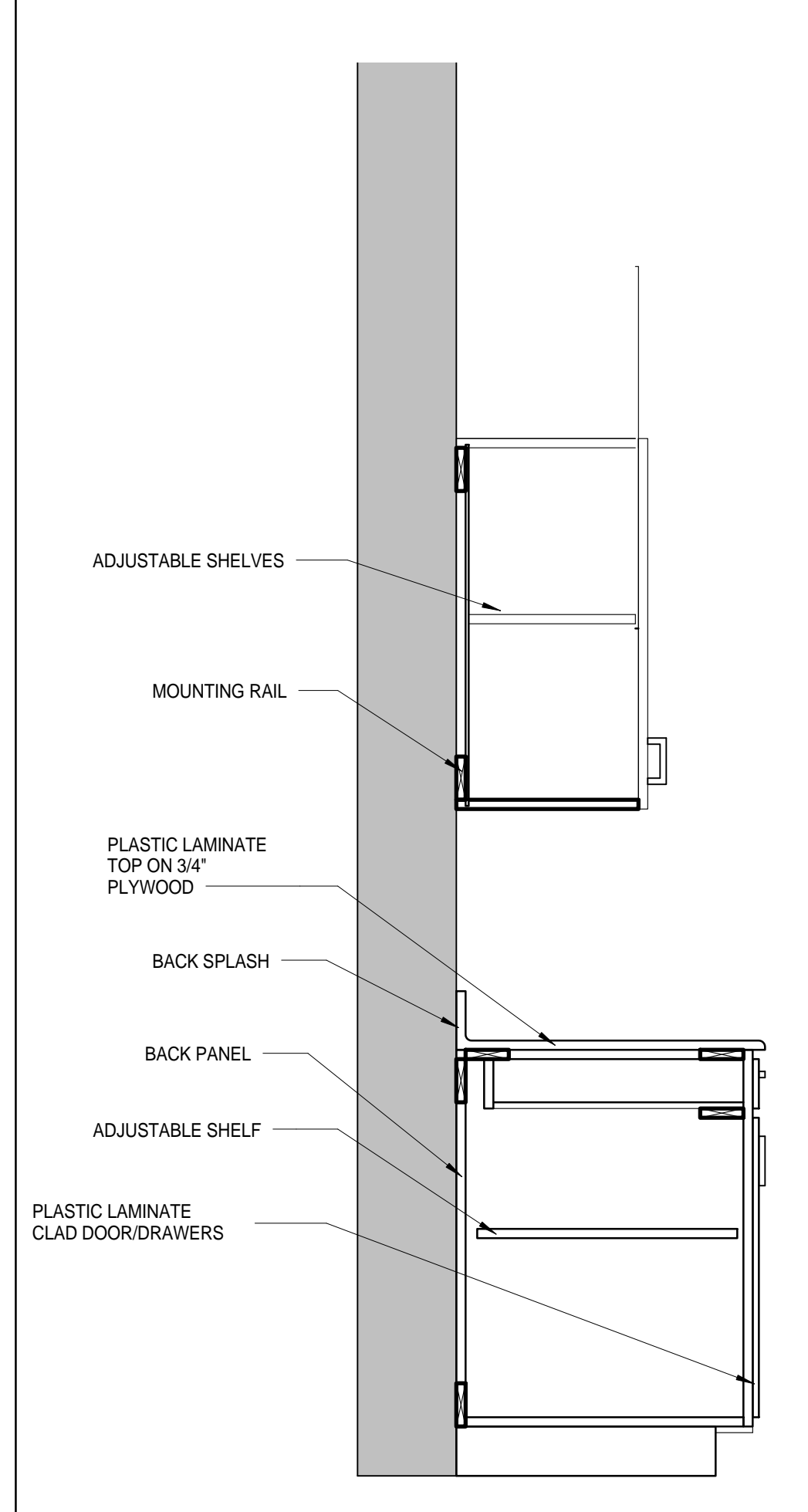
14 CHART ROOM STORAGE CABINET  
1" = 1'-0"



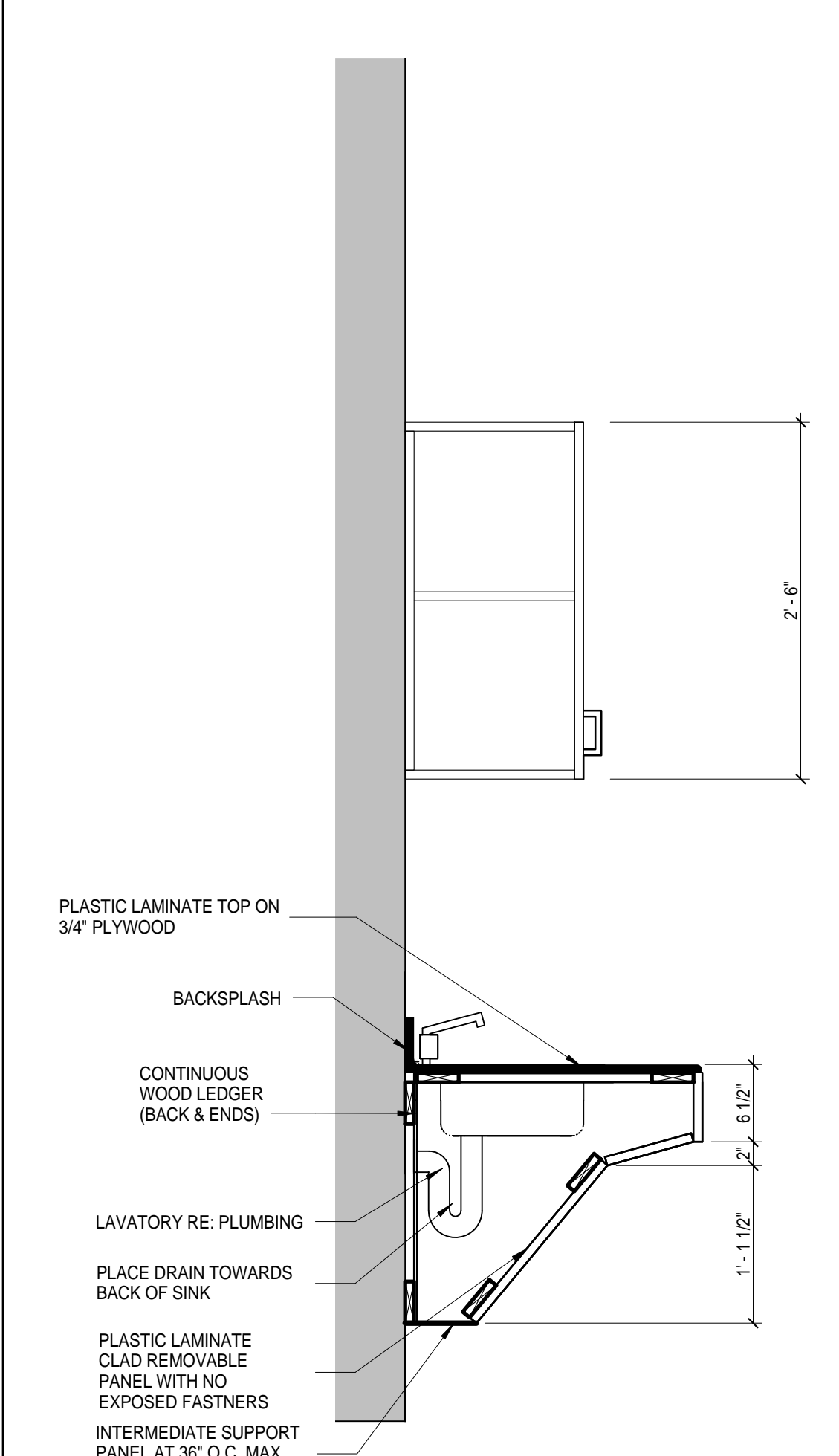
15 LIBRARY WALL  
1" = 1'-0"



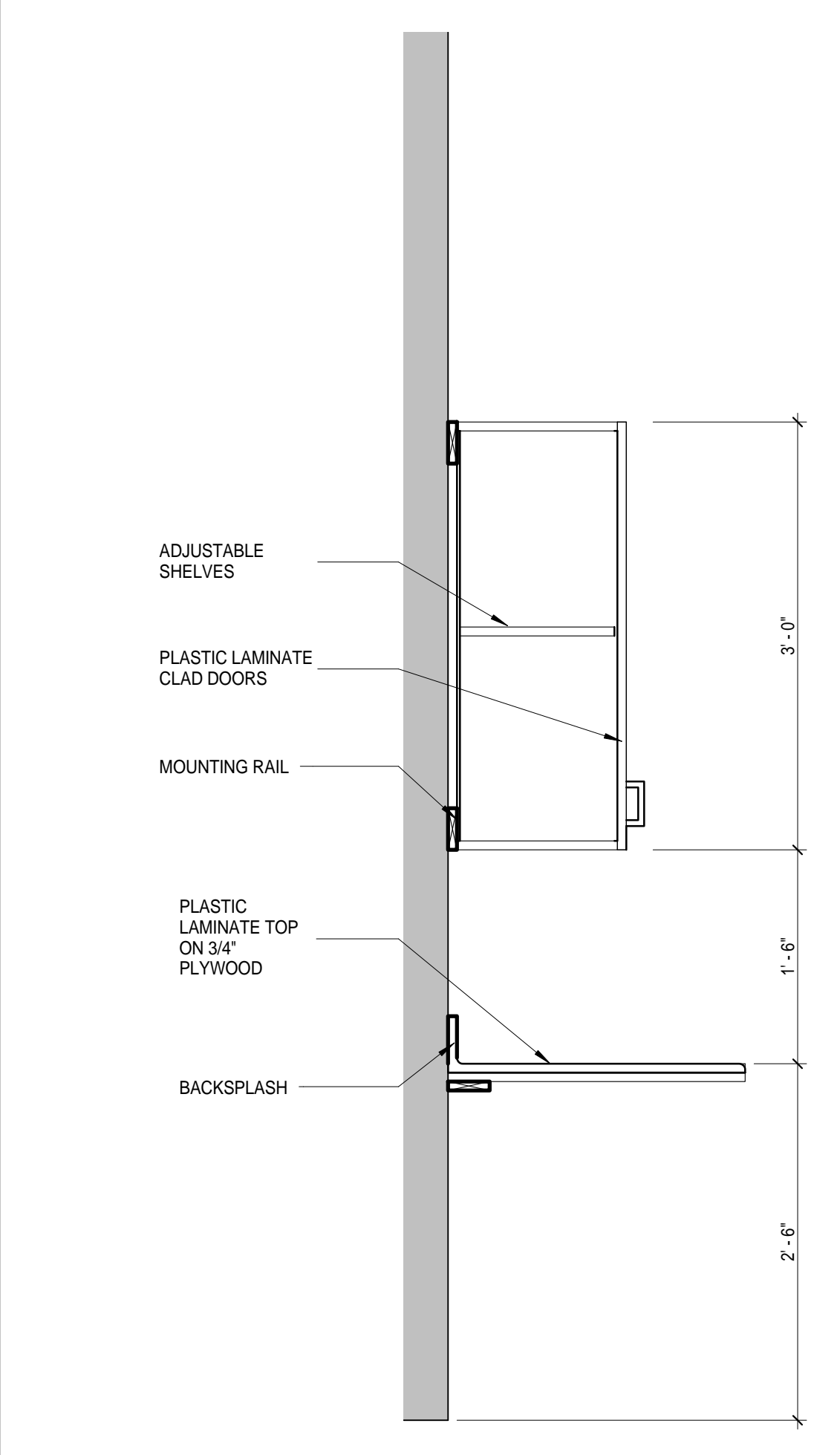
16 FOLDOUT DESK SECTION  
1/2" = 1'-0"



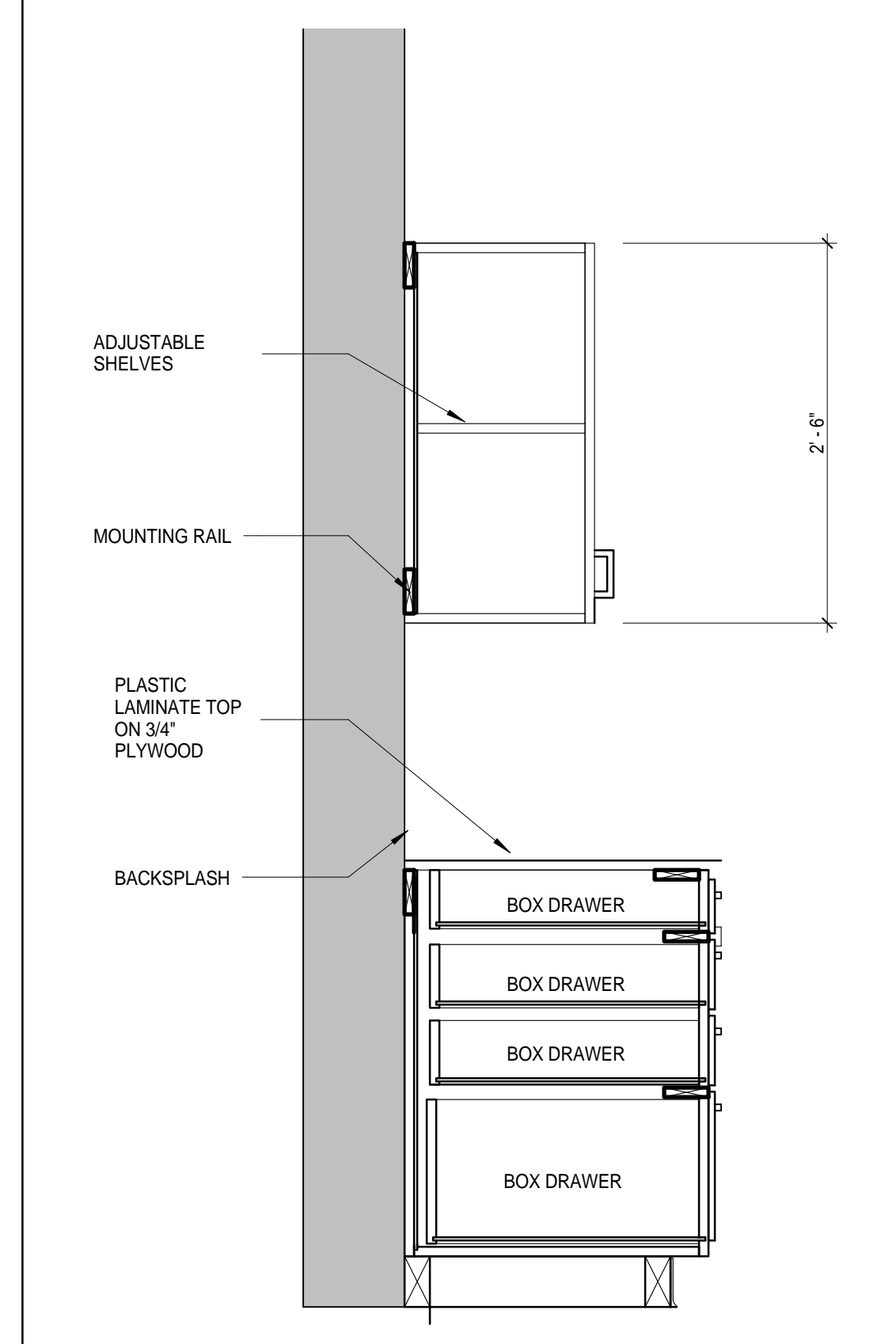
3 UPPER CABINET WITH BASE CABINET TYP.  
1" = 1'-0"



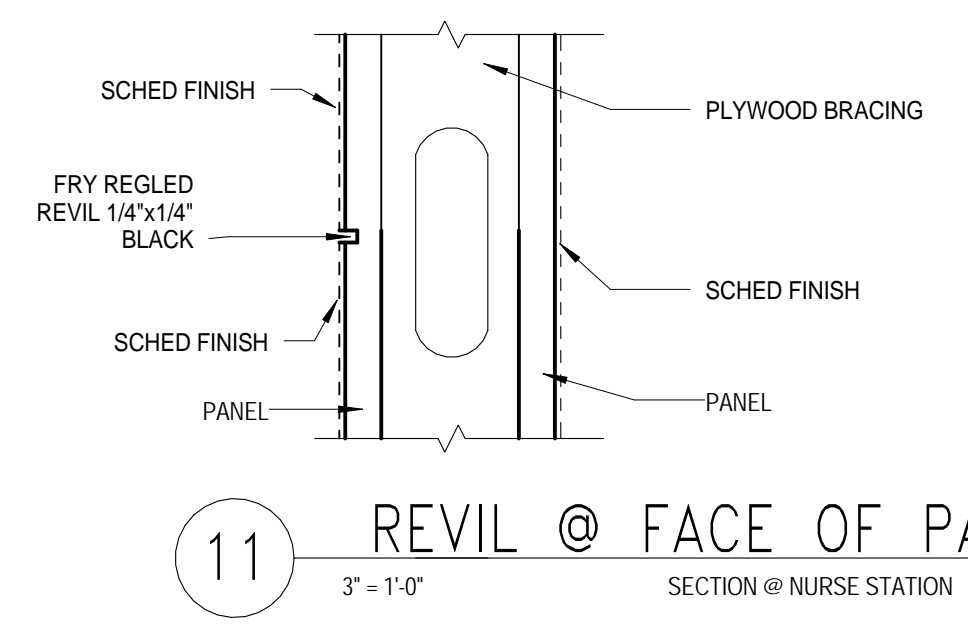
2 UPPER CABINET WITH SINK TYP.  
1" = 1'-0"



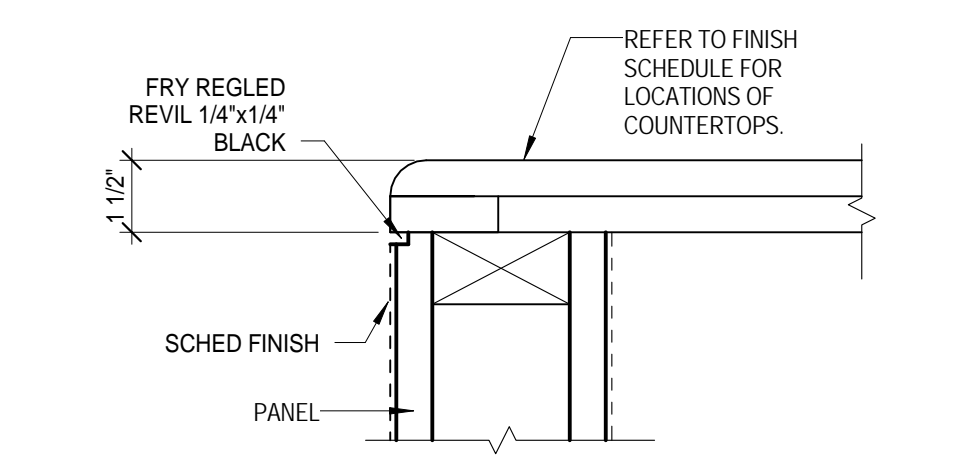
4 UPPER CABINET WITH COUNTER TYP.  
1" = 1'-0"



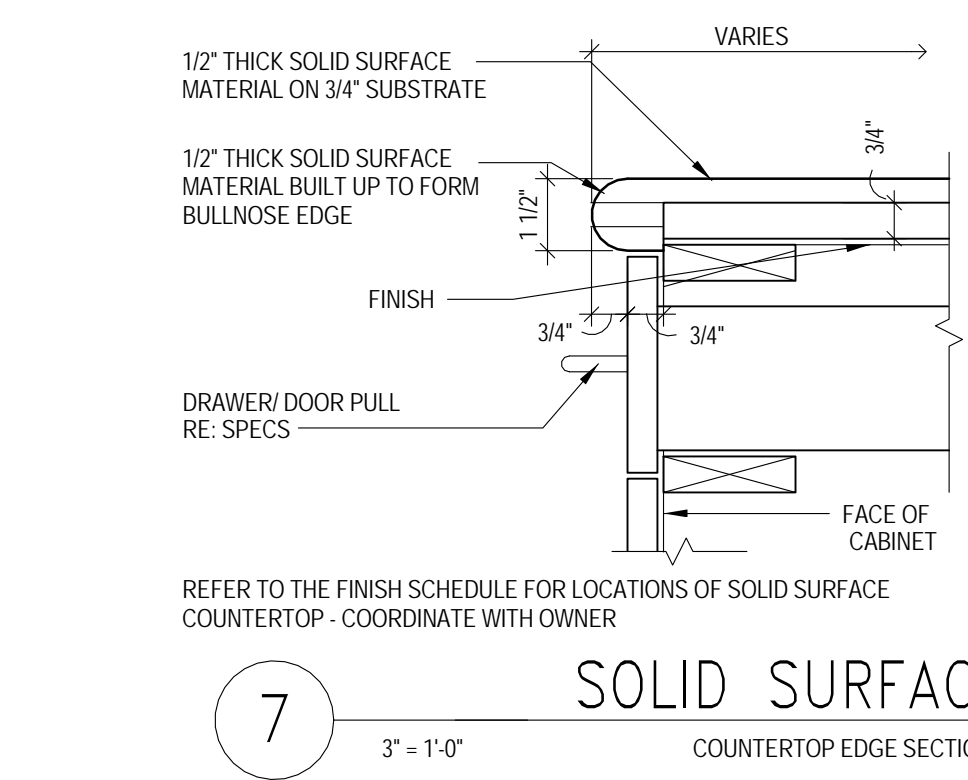
1 UPPER CABINET WITH DRAWERS TYP.  
1" = 1'-0"



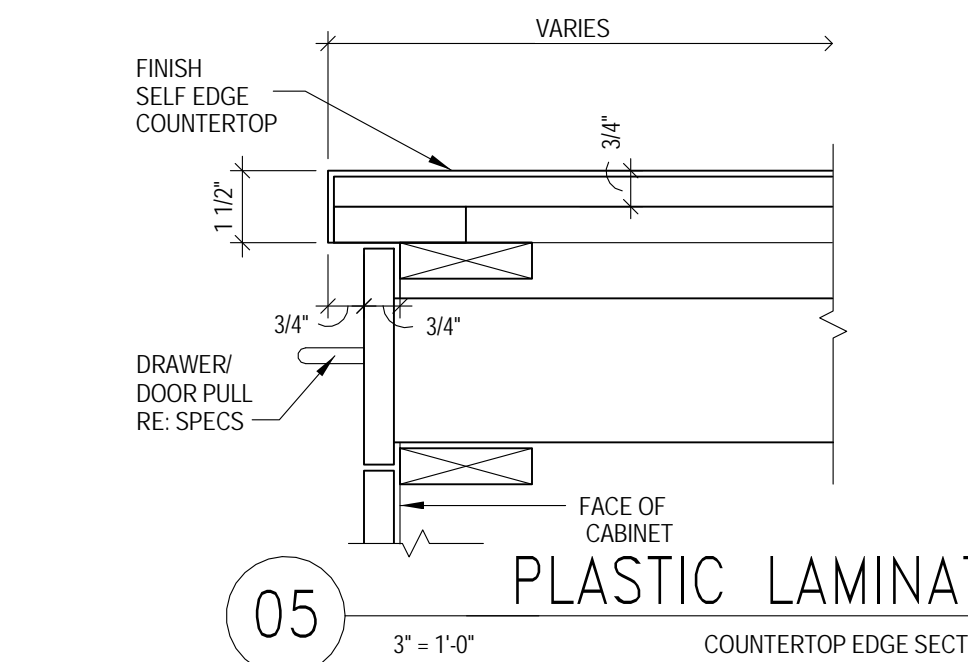
11 REVIL @ FACE OF PANEL  
3" = 1'-0"



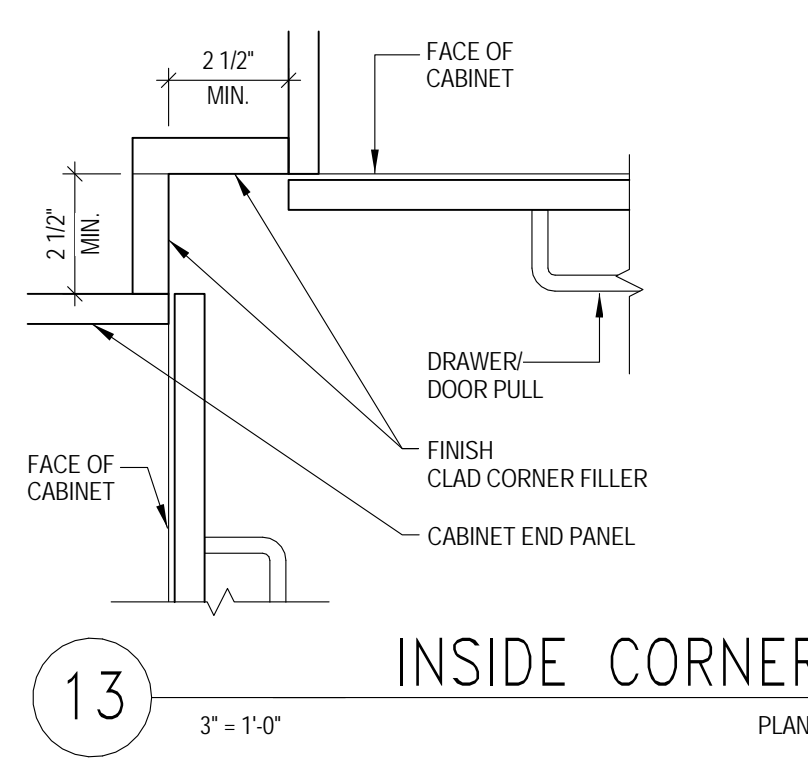
9 FINISHED END COUNTERTOP  
3" = 1'-0"



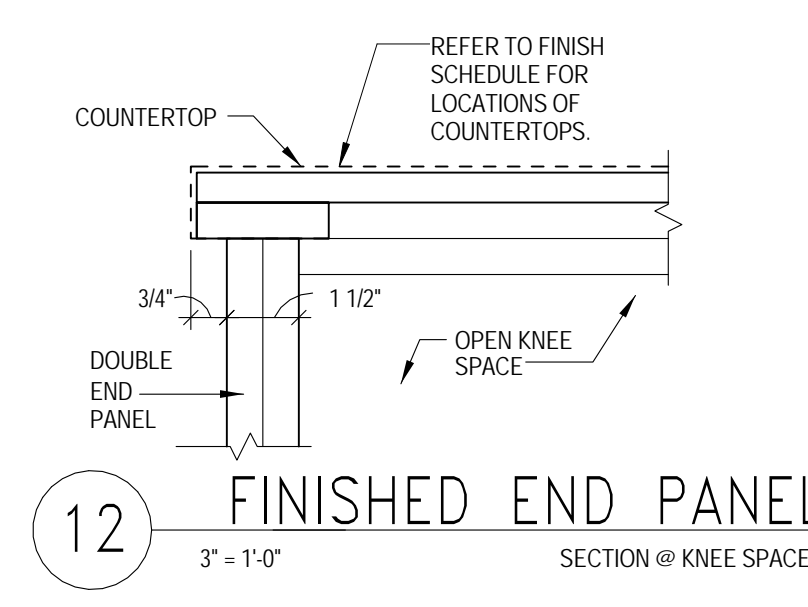
7 SOLID SURFACE  
3" = 1'-0"



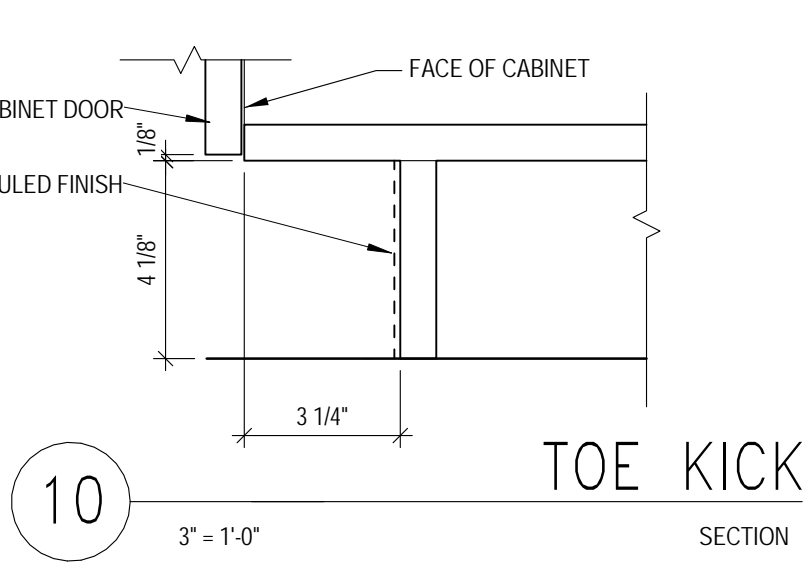
05 PLASTIC LAMINATE  
3" = 1'-0"



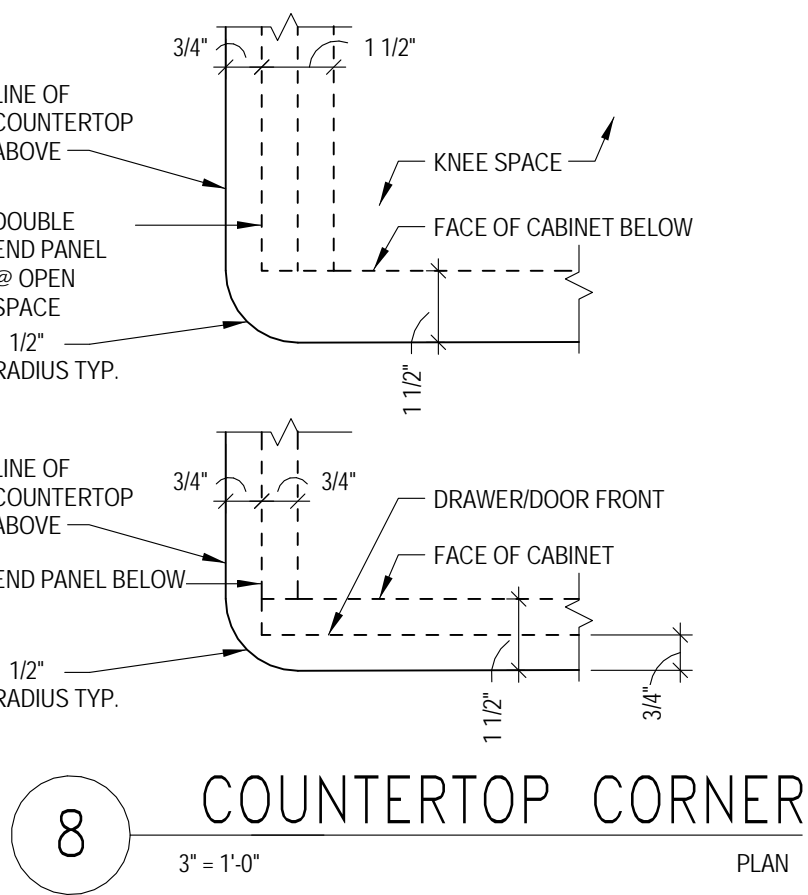
13 INSIDE CORNER  
3" = 1'-0"



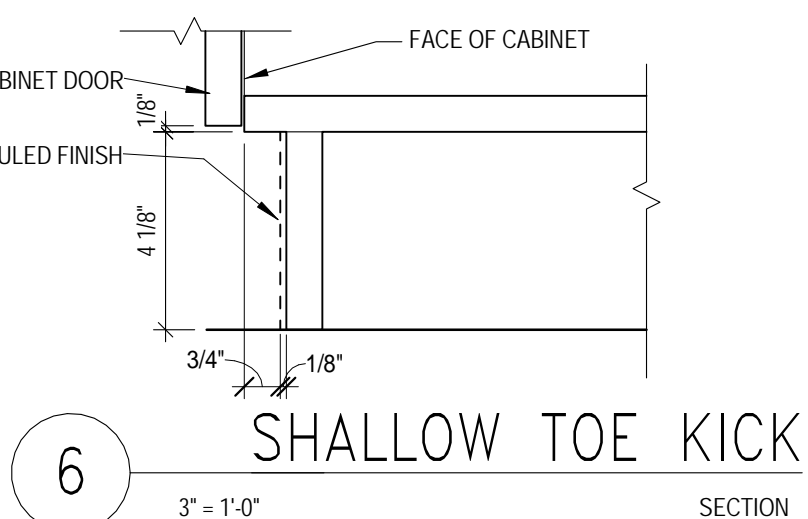
12 FINISHED END PANEL  
3" = 1'-0"



10 TOE KICK  
3" = 1'-0"



8 COUNTERTOP CORNER  
3" = 1'-0"



6 SHALLOW TOE KICK  
3" = 1'-0"

DOOR SCHEDULE "GENERAL NOTES"

- 1. REFER TO A-804 FOR DOOR GLAZING SCHEDULE.
2. REFER TO A-804 FOR DOOR HEAD JAMB AND SILL DETAILS.
3. REFER TO SPECIFICATIONS FOR DESCRIPTIONS OF THE HARDWARE SET AND COORDINATE WITH OWNER.
4. FILL FRAMES (HEAD AND JAMB) OF DOORS OVER 5'-0" WIDE WITH GROUT.
5. PROVIDE A PAIR OF 2X4 STUDS AT THE SIDE AND HEAD OF ALL DOORS (U.N.O).

DOOR SCHEDULE LEGEND

- + - REFER TO MANUFACTURER.
WD - SOLID CORE WOOD WITH STAINED FINISH.
PL - SOLID CORE WOOD WITH PLASTIC LAMINATE FINISH.
HM - STEEL.
ST - SMOKE TIGHT.
PW - PACKAGE WIDTH.
PH - PACKAGE HEIGHT.
AL1 - ANODIZED ALUMINIUM.
AL2 - BRONZED ALUMINIUM.
PT - PAINTED.

GLASS TYPES

G-3: 1/4 INCH THICK GLAZING QUALITY, CLEAR, TEMPERED FLOAT GLASS.

DOOR SCHEDULE REMARKS

- 1. PROVIDE WITH MAGNETIC HOLD OPEN.
2. VIEW WINDOWS IN LARGER LEAF ONLY.
3. REFER TO A-804 FOR ELEVATION OF DOOR WITH A SIDELIGHT.
4. AUTOMATIC CARD SWIPE DOOR.
5. DOOR SWINGS 180 DEGREES.
6. DOOR SWINGS BOTH WAYS.

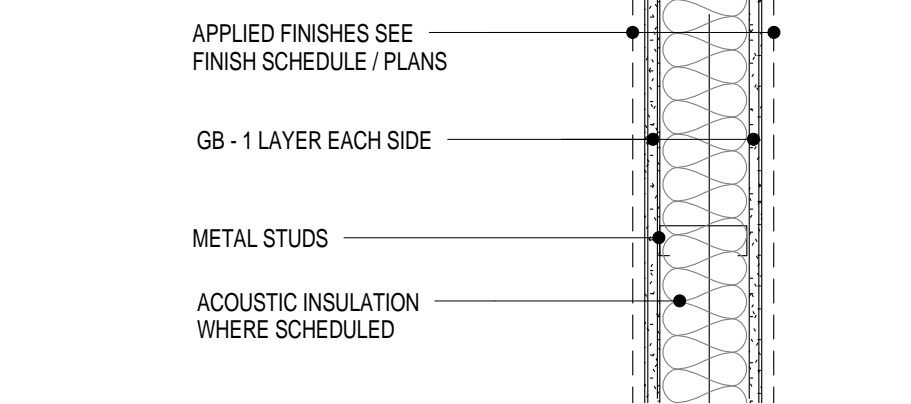
PARTITION TYPE GENERAL NOTES

- 1. REFER TO FLOOR PLAN SERIES A-20X FOR LOCATION OF WALL TYPES. ALL WALLS ARE TYPE "A41" UNLESS NOTED OTHERWISE.
2. REFER TO A-2XX SERIES FOR FINISHES ON PARTITIONS. PARTITION TYPES IN CHARTS REFER TO BASE WALL ONLY.
3. ALL GYPSUM BOARD SHALL BE TYPE "X" UNLESS NOTED OTHERWISE.
4. PROVIDE ONE LAYER OF 5/8" MOISTURE RESISTANT GYPSUM BOARD AT WALLS BEHIND SINKS AND LAVATOIRES WITHOUT TILE. MOISTURE RESISTANT GYPSUM BOARD SHALL BE INSTALLED WITHIN 2" OF ALL URINALS AND WATER CLOSETS, TO A HEIGHT OF 4' AFF.
5. PROVIDE WATER RESISTANT GYPSUM TILE BACKER BOARD BEHIND ALL TILE AND/OR WALL PANELS AT TUBS AND SHOWERS.
6. PROVIDE FIRE TREATED WOOD BLOCKING, SHEET METAL OR STEEL BACKING IN PARTITIONS TO SUPPORT WALL MOUNTED ITEMS AND EQUIPMENT, ETC.
7. "LINE OF STRUCTURE" AS SHOWN AT THE HEAD CONDITIONS OF THE PARTITION DETAIL DOES NOT INDICATE THE EXACT CONSTRUCTION CONDITION.
8. SPACING OF THE METAL STUDS HAS NOT BEEN INDICATED ON THE WALL TYPES. STUD SPACING IS TO BE DETERMINED BY THE HEIGHT OF THE WALL AS SHOWN IN THE TABLE BELOW. EACH STUD GOING TO STRUCTURE AND EXCEEDING ALLOWABLE HEIGHTS SHALL BE BRACED 45 DEGREES DIAGONALLY 12" ABOVE CEILING WITH EQUAL SIZE 25 GA. METAL STUDS. THIS TABLE IS TO BE USED FOR THE INTERIOR WALLS ONLY, AND DOES NOT APPLY TO EXTERIOR STUDS.

Table with 5 columns: STUD SPACING ON CENTER, STUD DEPTH 2 1/2" MAX. HEIGHT, STUD DEPTH 3 5/8" MAX. HEIGHT, STUD DEPTH 4" MAX. HEIGHT, STUD DEPTH 6" MAX. HEIGHT. Rows include 1 LAYER 5/8" GYP BOARD EACH SIDE, 2 LAYER 5/8" GYP BOARD EACH SIDE.

- 9. ISOLATE NON-LOAD BEARING FRAMING FROM STRUCTURAL ELEMENTS TO PREVENT THE TRANSFER OF LOAD TO PARTITION FRAMING. STOP STUDS 1/2" BELOW METAL RUNNER (TOP TRACK) TO ALLOW FOR VERTICAL EXPANSION. SET TOP TRACK 1" BELOW DEFLECTION TRACK. DO NOT ATTACH STUDS TO TOP TRACK. DO NOT ATTACH GYPSUM BOARD TO TOP TRACK. THIS MAY ALSO BE ACHIEVED, AT THE CONTRACTOR OPTION, BY UTILIZING THE PROPRIETARY SYSTEM DESCRIBED IN THE SPECIFICATIONS.
10. PROVIDE DOUBLE STUDS AT ALL JAMBS OF OPENINGS OR PROVIDE STEEL CHANNEL WHERE NOTED ELSEWHERE IN THE SET.

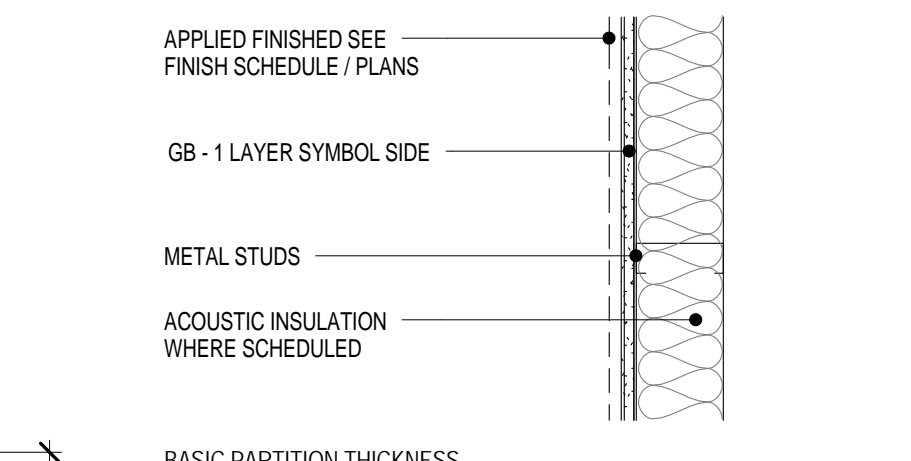
- 1. ALL ACOUSTICALLY CLASSIFIED PARTITIONS SHALL BE CONSTRUCTED IN STRICT ACCORDANCE TO THE REFERENCED TEST.
2. STAGGER AND SEAL ALL JOINTS ON MULTIPLE GYPSUM BOARD LAYER PARTITIONS.
3. SEAL ALL PERIMETER GAPS, AIR TIGHT, AT THE FLOORS, HEAD, ADJACENT CONSTRUCTION AND AROUND ANY PENETRATING ELEMENTS WITH INTERIOR GRADE ACOUSTICAL SEALANT.



NOTES: \*SEE DETAILS FOR BRACING OF PARTITION TYPES A\_3 & A\_4

Table showing acoustic ratings for various partition types (A11-A14, A21-A24, A31-A34, A41-A44, A51-A54, A61-A64, A71-A74, A81-A84) based on stud size and GB thickness.

Table showing acoustic ratings for various partition types (A11-A14, A21-A24, A31-A34, A41-A44, A51-A54, A61-A64, A71-A74, A81-A84) based on stud size and GB thickness.



NOTES: \*SEE DETAILS FOR BRACING OF PARTITION TYPES D\_3 & D\_4. STUDS EXCEEDING 12 FOOT HEIGHT REQ. WHIPT BRACING TO STRUCTURE.

Table showing acoustic ratings for various window types (D11-D14, D21-D24, D31-D34, D41-D44, D51-D54, D61-D64, D71-D74, D81-D84) based on stud size and GB thickness.

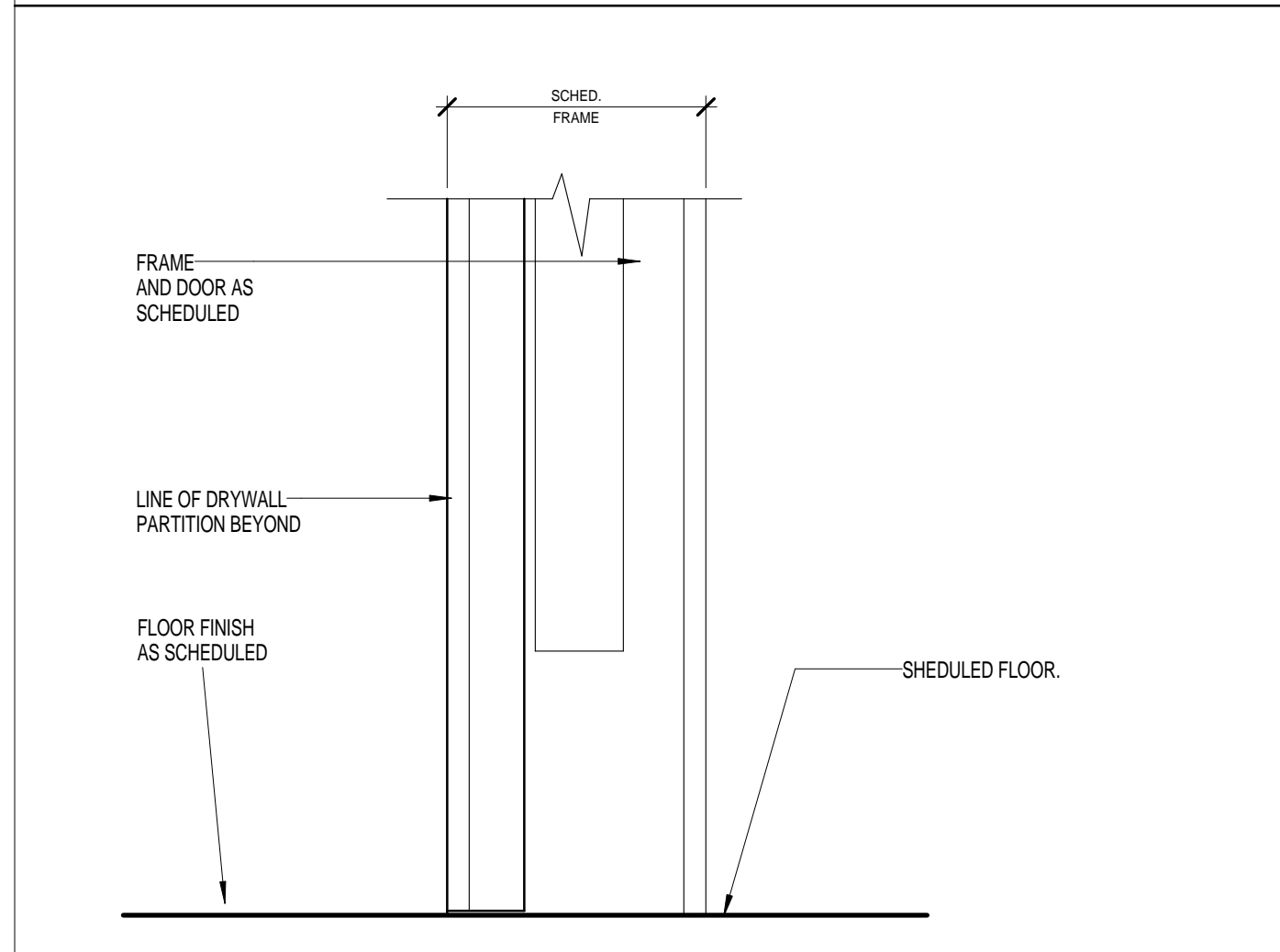
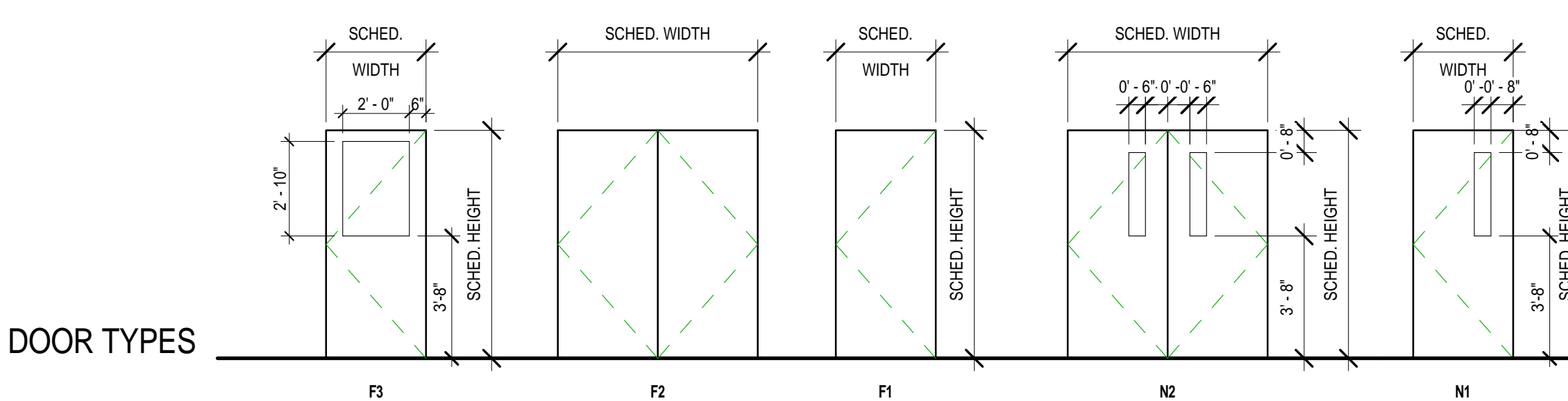
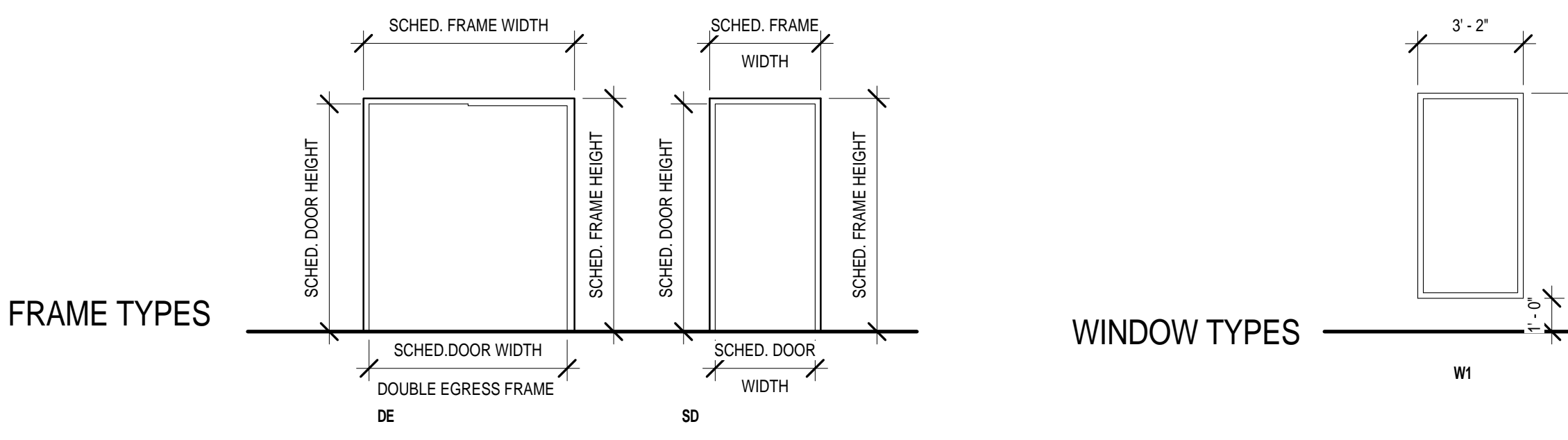
Table showing acoustic ratings for various window types (D11-D14, D21-D24, D31-D34, D41-D44, D51-D54, D61-D64, D71-D74, D81-D84) based on stud size and GB thickness.

UNIT 1D DOOR SCHEDULE table with columns: DOOR TAG, Scheduled Hardware Set, OPENING SIZE, DOOR, FRAME, Fire Rating, Comments.

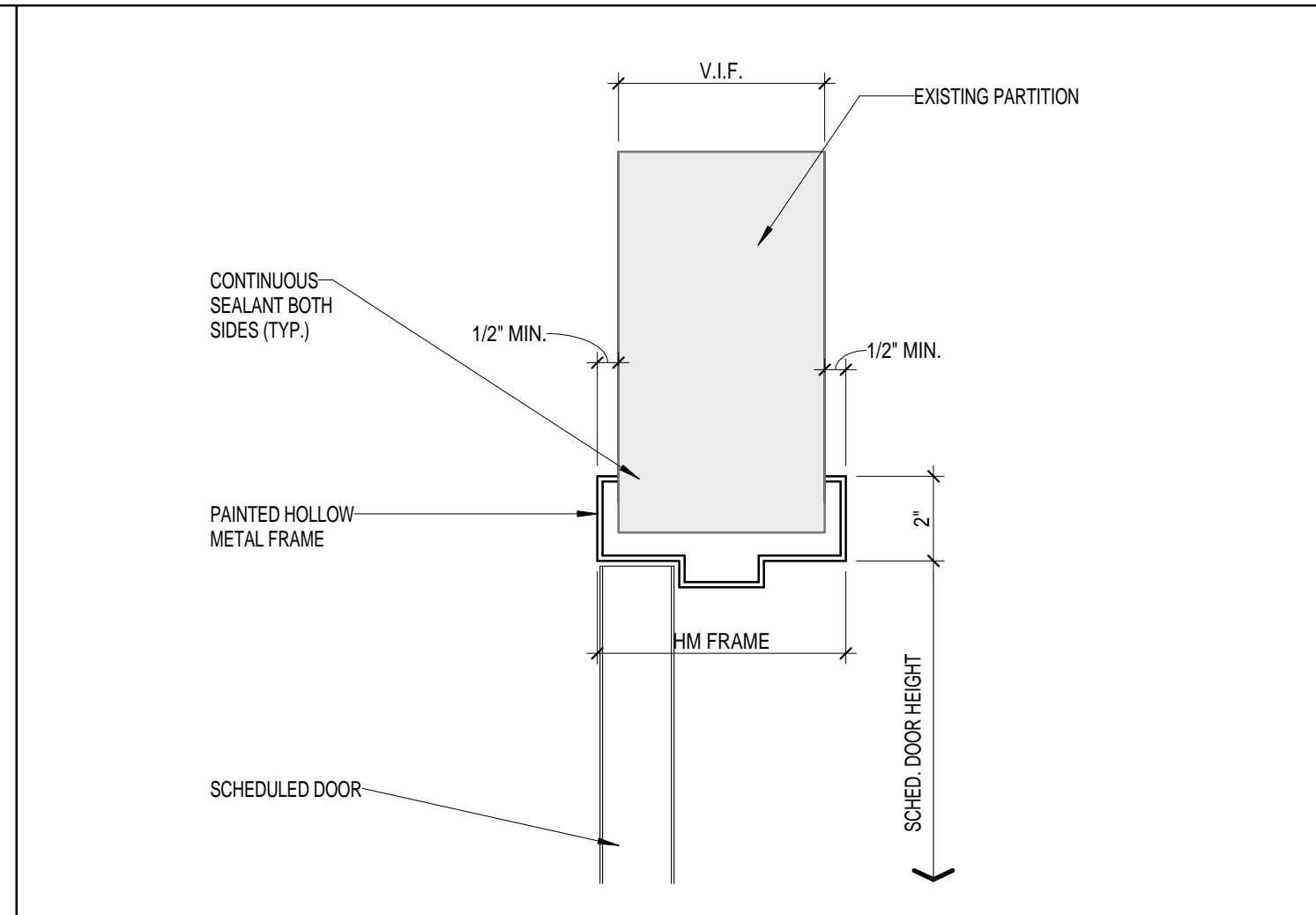
NOTE: ALL DOORS TO BE REFURBISHED AND REUSED UNLESS NOTED OTHERWISE. REFER TO PLAN FOR SWING CHANGES WITH NEW DOOR PLACEMENT. NOTIFY ARCHITECT OF ANY DOORS THAT MAY NEED TO BE REPLACED.

UNIT 2B DOOR SCHEDULE table with columns: WTW, Scheduled Hardware Set, OPENING SIZE, DOOR, FRAME, Fire Rating, Comments.

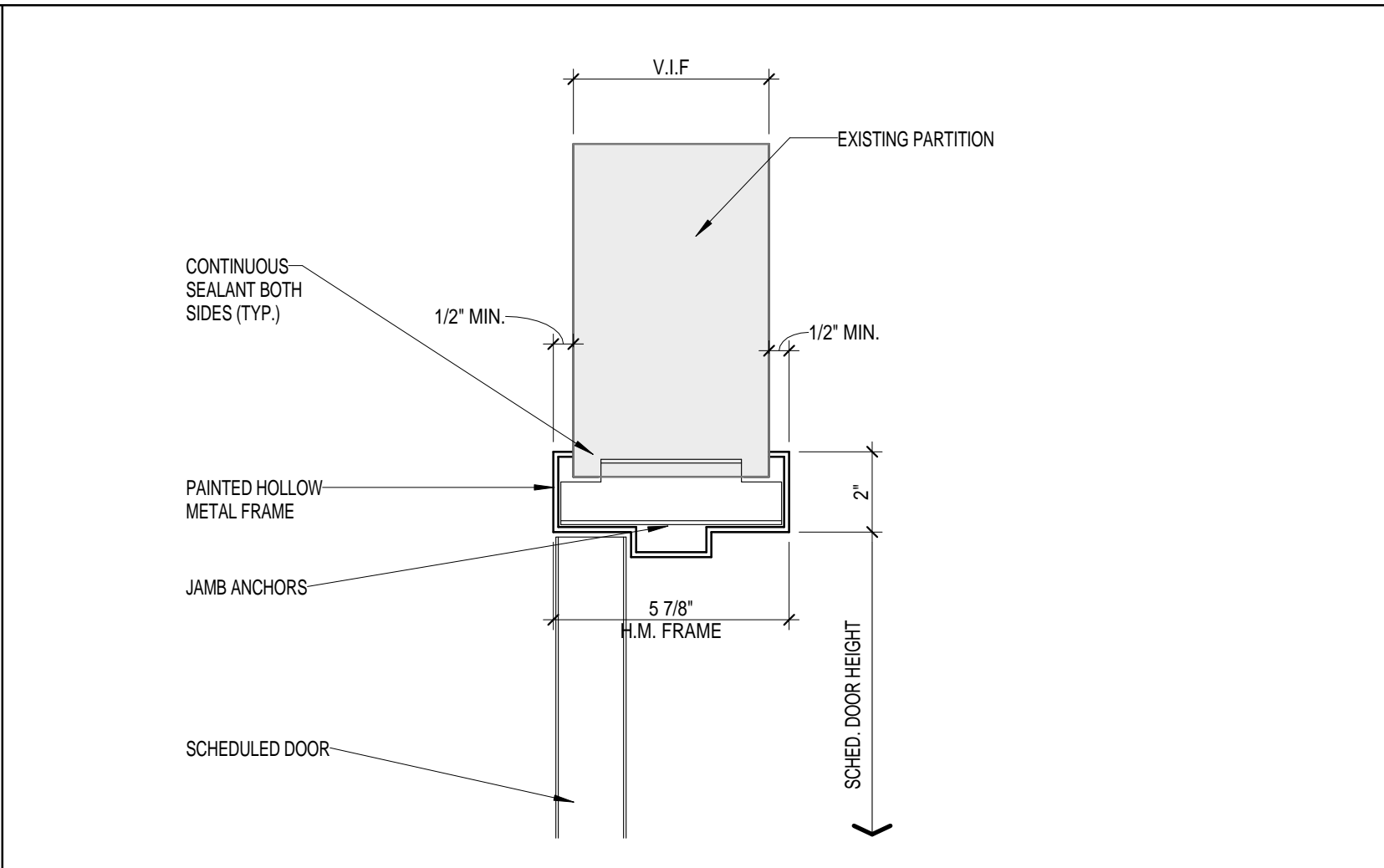
WINDOW SCHEDULE table with columns: TYPE MARK, R.O., Width, Height, Frame Finish, Sill, Glazing Thickness, Type, Head Height.



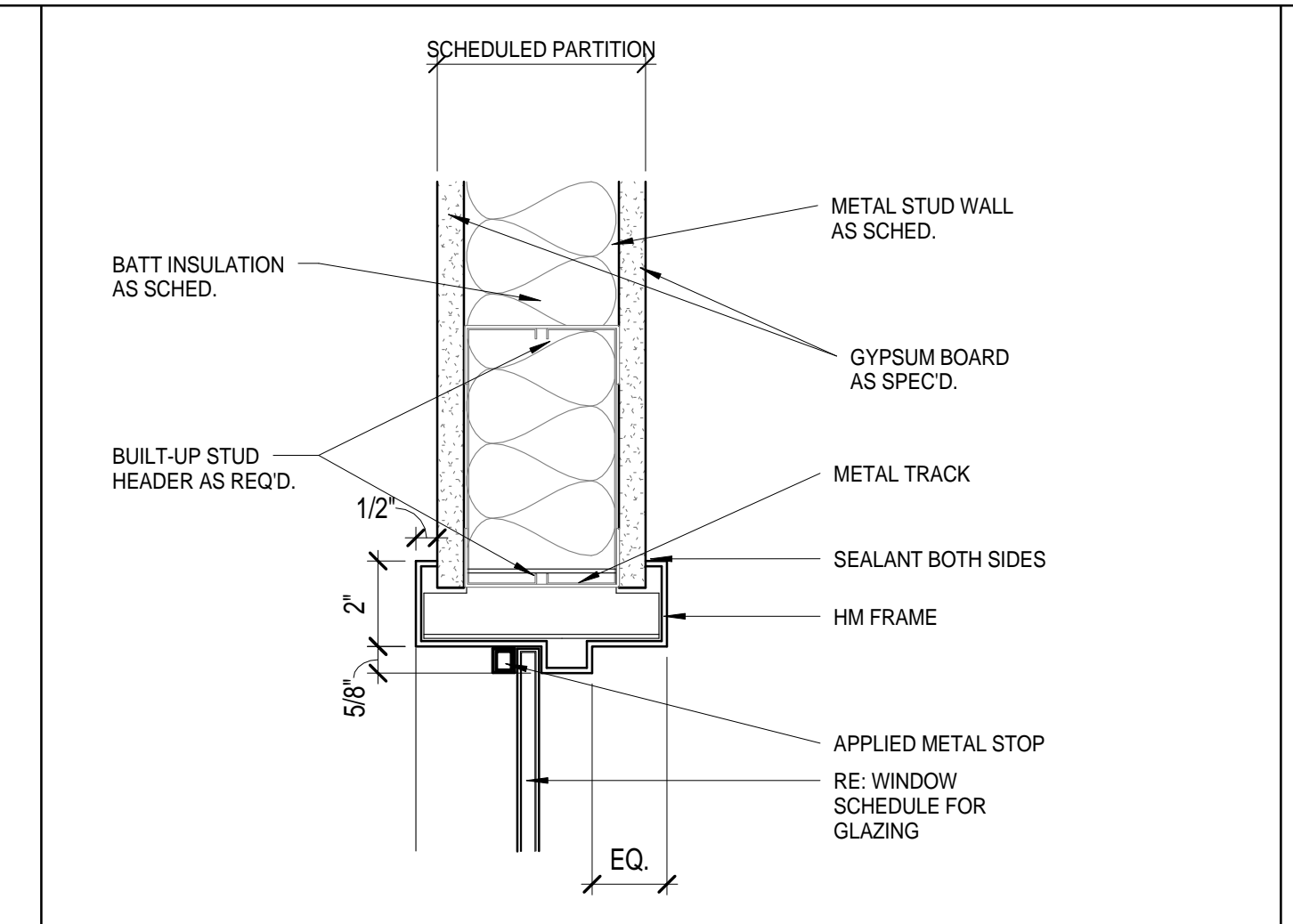
8 HM DOORSILL DETAIL 3" = 1'-0"



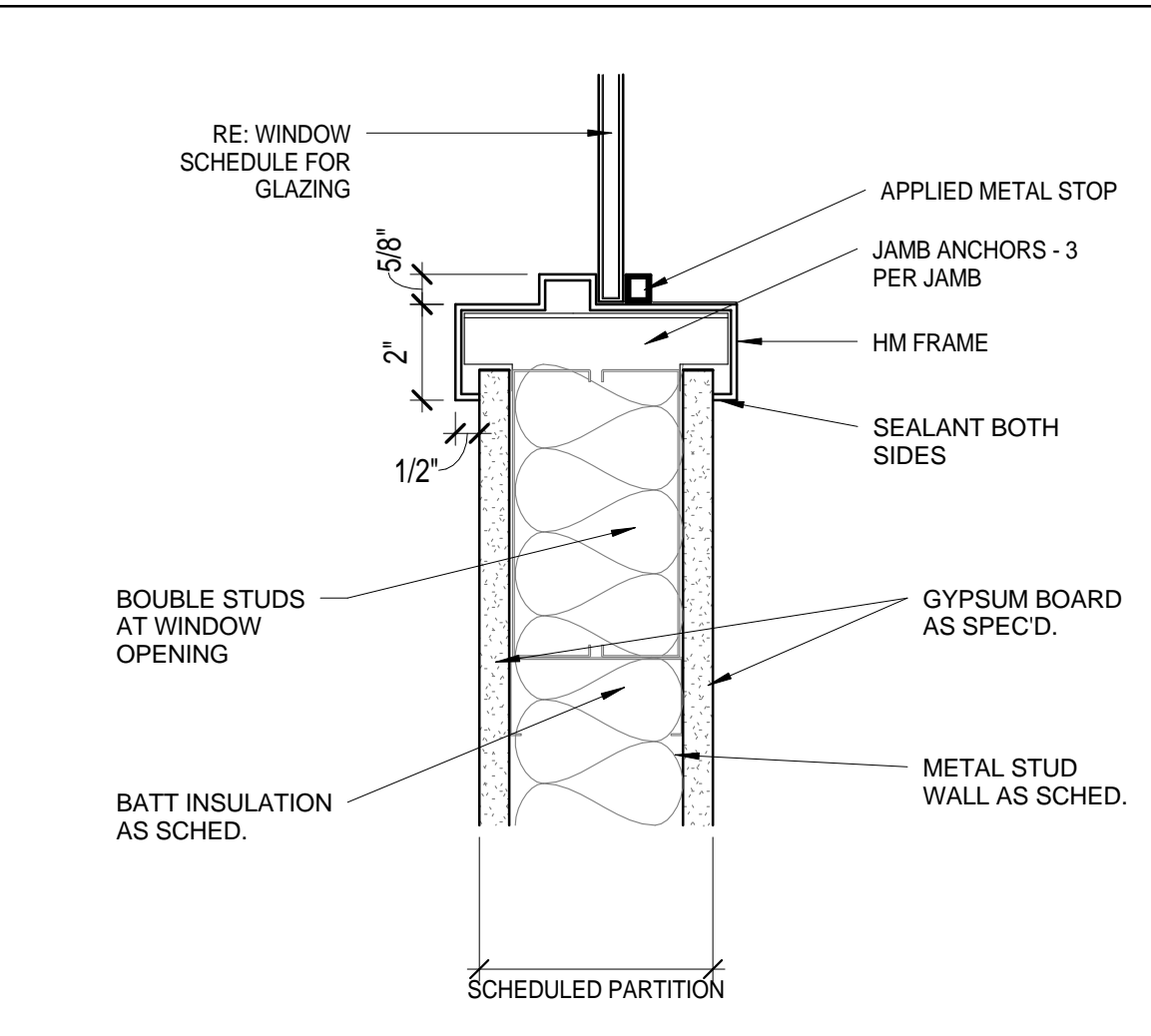
7 HEAD DETAIL 3" = 1'-0"



6 JAMB DETAIL 3" = 1'-0"



5 INTERIOR WINDOW HM HEAD DETAIL 3" = 1'-0"



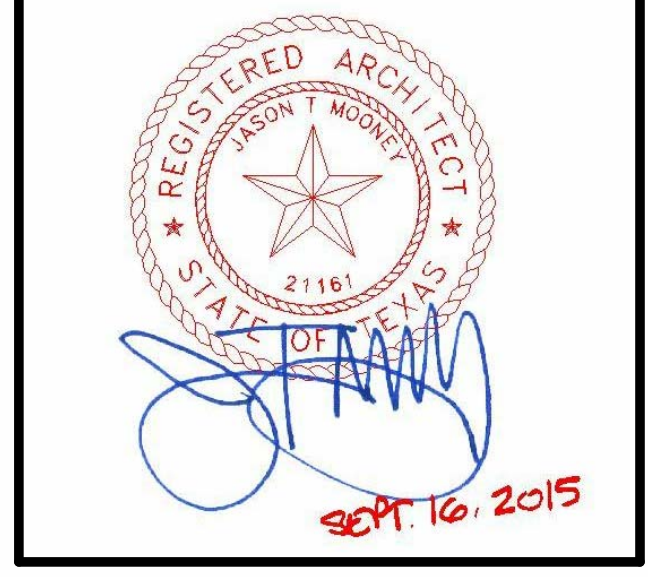
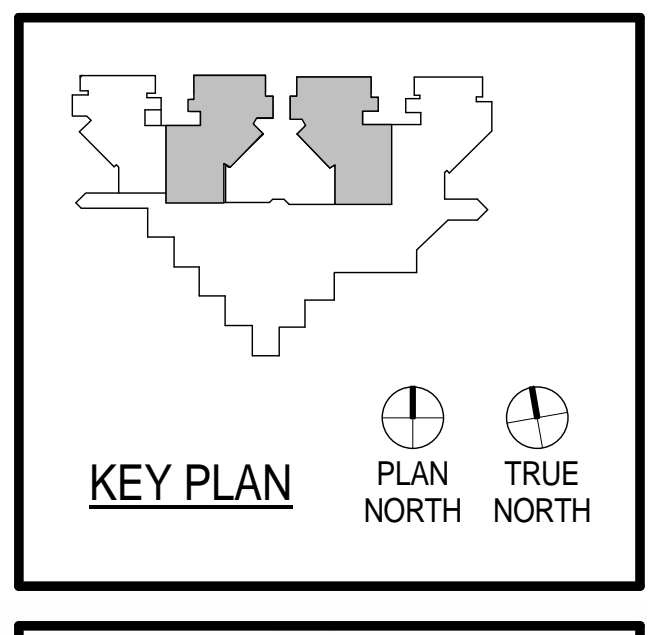
4 INTERIOR WINDOW HM SILL DETAIL 3" = 1'-0"



11 Greenway Plaza, 22nd Floor Houston, TX 77046 713-965-0668 P 713-961-4571 F Texas Registered Engineering Firm: F-3709

In Association with: MEP: Shah Smith & Associates, Inc. 2825 Wilcrest, Suite #550 Houston, Texas 77064 713-780-7563 P 713-780-6209 Texas Registered Engineering Firm: F-2113

HARRIS COUNTY PSYCHIATRIC CENTER UNIT 1D AND 2B RENOVATION



CLIENT: UTHHealth PROJECT NUMBER: 14265 DATE: SEPTEMBER 16, 2015 DRAWN BY: VG CHECKED BY: JM REVISIONS:

Table with 3 columns: No., Description, Date. For tracking revisions.

DOOR, WINDOW SCHEDULE AND DETAILS

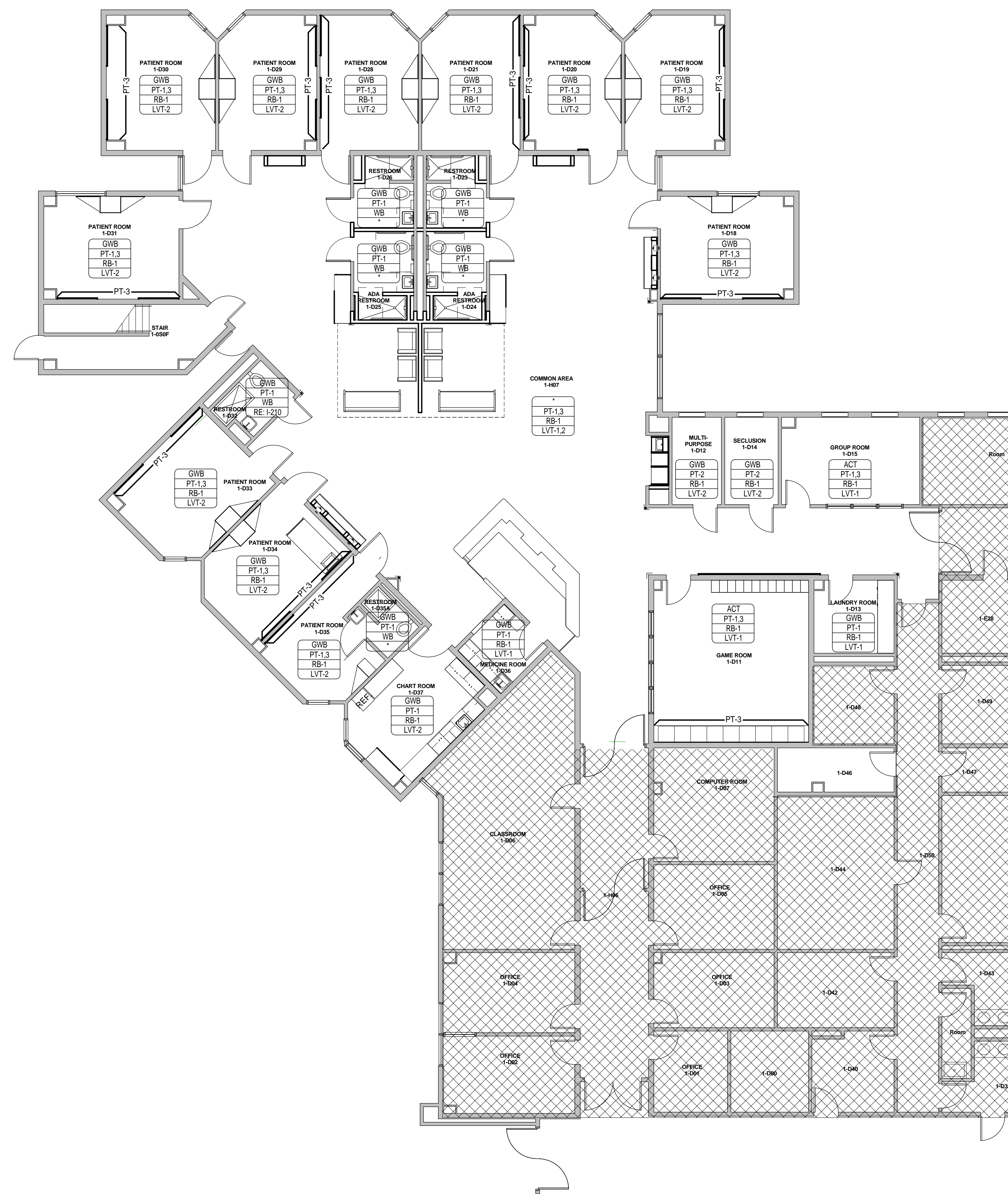
A-610

11 Greenway Plaza, 22nd Floor  
Houston, TX 77046  
713-965-0658 P  
713-961-4571 F  
Texas Registered Engineering Firm: F-3709

In Association with:

MEP:  
Shah Smith  
& ASSOCIATES, INC  
2825 Wilcrest, Suite #350  
Houston, Texas 77046  
713-780-7563 P  
713-780-9209  
Texas Registered Engineering Firm: F-2113

# HARRIS COUNTY PSYCHIATRIC CENTER UNIT 1D AND 2B RENOVATION



**1** 1D INTERIOR FLOOR PATTERN PLAN  
1/8" = 1'-0"

### GENERAL FINISH PLAN NOTES

- REFER TO INTERIOR FINISH LEGEND SHEET I-200 & I-201 FOR KEYNOTES AND COMPLETE LIST OF SCHEDULED FINISHES.
- REFER TO INTERIOR ELEVATIONS, AS REFERENCED ON ARCHITECTURAL PLANS, FOR ADDITIONAL INFORMATION.
- SUBMIT SAMPLES OF ALL SCHEDULED FINISHES FOR APPROVAL, PRIOR TO ORDERING.
- ALL INSTALLATION PROCEDURES SHALL BE IN ACCORDANCE WITH EACH MANUFACTURER'S INSTRUCTIONS.
- AFTER PROJECT COMPLETION, ALL FINISHES AND SURFACES TO BE THOROUGHLY CLEANED.
- ALL MILLWORK FINISH **PL-3** INSIDE AND OUTSIDE, UNLESS NOTED.
- ALL INTERIOR FINISHES FOR WALLS, CEILINGS AND FLOORS COMPLY WITH IBS 2006 SECTION 803 & 804:  
\* FLOORING - VINYL FLOORING - FLOORING RADISNT PANEL TEST (ASTM-E-648) PASSES CLASS 1  
\* WALL BASE - CLASS C  
\* WALL PROTECTION - CLASS 1  
\* ACOUSTICAL CEILING - CLASS A
- ALL PAINT FINISHES **PT-1** ON WALLS; UNLESS NOTED.
- ALL CEILING TO BE 24x24 **ACT**, UNLESS NOTED.

### FINISH PLAN LEGEND

- ROOM FINISH TAG**
- ACT - CEILING FINISH
  - WVC - WALL FINISH
  - RB - WALL BASE FINISH
  - VCT - FLOOR FINISH
- MILLWORK FINISH TAG**
- SS-1 - COUNTERTOPS, BENCHES / HORIZONTAL SURFACE FINISH
  - PL-2 - MILLWORK IN AND OUT SIDE/ VERTICAL SURFACE FINISH
  - P1 - DENOTES ACCENT WALL PAINT
  - - DENOTES MULTIPLE FINISHES. REFER TO ENLARGED PLANS AND/OR ELEVATIONS FOR INFORMATION.
  - 1 - KEYNOTE
  - CG - PAWLING PRO-TEK MODEL CG-10 CORNER GUARD
  - SH - SILL HEIGHT

### FINISH SECTIONS - CEILINGS

- GWB** GYPSUM BOARD CEILING (ALL PATIENTS ROOMS & RESTROOMS)
- ACT** 24X24 ACOUSTICAL CEILING SAND MICRO TILES (ALL PUBLICS AREAS AND OFFICES AND STORAGE)
- CL-3** HEARTH CEILING - LINEAR WOOD CEILING - LINWOOD - LINWOOD I "BAMBOO CARMELIZED HORIZONTAL"

### FINISH SECTIONS - WALLS

- PT-1** SHERWIN WILLIAMS - EGGSHELL "EAGLET BEIGE" # 7573
- PT-2** SHERWIN WILLIAMS - EGGSHELL "DORMER BROWN" # 6219
- PT-3** SHERWIN WILLIAMS - EGGSHELL "RAIN" # 6219
- PT-4** SHERWIN WILLIAMS - EGGSHELL "CHRYSANthemUM" # 6347
- PTP-4** (WALL MAIN) AMERICAN OLEAN 10"X14" "DURANGO CREAM" # SC85 BRICK JOINT, VERTICALLY INSTALLED (RESTROOMS)
- PTP-5** (WALL: ACCENT STRIP) AMERICAN OLEAN - GLASS & NATURAL STONE 3 X RANDOM MOSAIC "COLOR APPEAL: PACIFIC COAST BLEND" #C136 (RESTROOMS)
- PL-3** WILSONART #7951K-18 "ASIAN SUN" P-LAMINATE (HEARTH WALL)
- RP-1** (DECORATIVE PANELS - HEARTH WALL) LUMICOR RESIN "GRASSES AND REEDS: SCATTER" (HEARTH WALL)
- GBL-1** (PARTIAL WALL SHOWERS) GLASS BLOCKS 12x12x4 PITTSBURGH CORNING - "DECORA LX PATTERN"

### FINISH SECTIONS - FLOORING

- LVT-1** : KARNDEN 36" X 6" - "OPUS: PALLEO" # WP312 (MAIN)
  - LVT-2** : KARNDEN 36" X 4" - "OPUS: GOLDEN TEAK" # WP513 (ACCENT)
  - PTP-1** : AMERICAN OLEAN 6" X 24" PLANKS - "TERRENO DRIFTWOOD" # TE15 (RESTROOM MAIN FLOOR)
  - PTP-2** : AMERICAN OLEAN 2X2 MOSAIC - "SALCEDO: DURANGO CREAM" # SC85 (INSIDE SHOWER)
- \*PATTERNS INDICATE DIRECTIONAL FLOOR PATTERN

### FINISH SECTIONS - WALL BASE

- RB-1** 4" RUBBER WALL BASE TO BE STANDARD - FLEXCO - COVE "CAPPUCCINO" # 65
- WB** WALL BASE: COVE TYPE TO MATCH FLOOR TILE TYPE AND SIZE (ALL RESTROOMS)

### FINISH SECTIONS - TOE KICK

- PL-3** WILSONART #7951K-18 "ASIAN SUN" P-LAMINATE( MILLWORK TYP.)
- PL-2** WILSONART #6257 (419) SATIN BRUSHED NATURAL ALUMINUM (TOE KICK ON NURSE STATION AND LIBRARY WALL ONLY)

### FINISHES - DOOR & WINDOW FRAMES

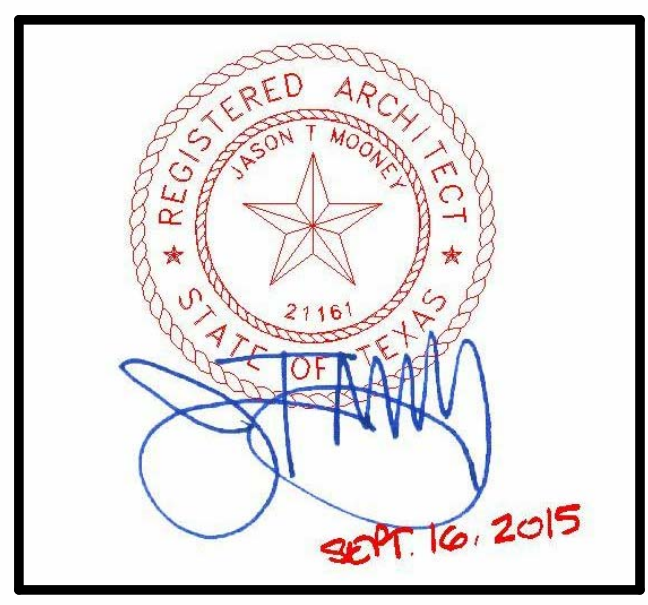
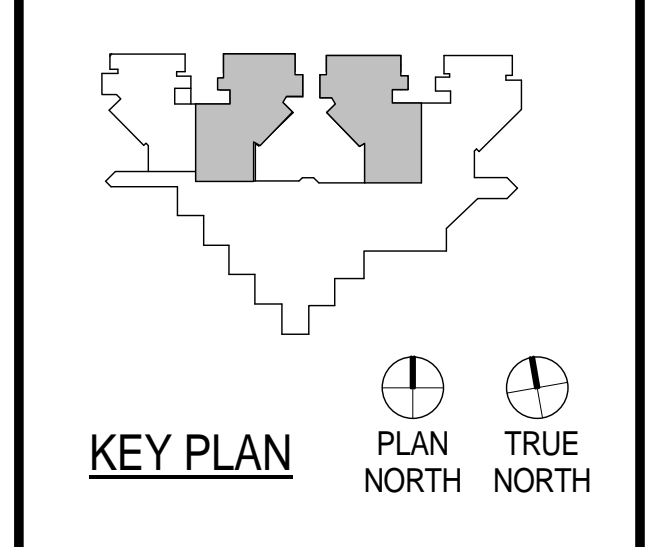
- PT-8** PAINT- INTERIOR DOOR FRAMES - SHERWIN WILLIAMS # 7521 "DORMER BROWN"

### GROUT

- G-1** (BATHROOM WALL) LATICRETE "ANTIQUÉ WHITE" #23
- G-2** (BATHROOM FLOOR) LATICRETE "BUTTERCREAM" #81

### MILLWORK

- P-1** 3 FORM PANEL: 3/8" GAUGE, SUPERMATTE FINISH



CLIENT

PROJECT NUMBER	14265	
DATE	SEPTEMBER 16, 2015	
DRAWN BY	VG	
CHECKED BY	JM	
REVISIONS		
No.	Description	Date

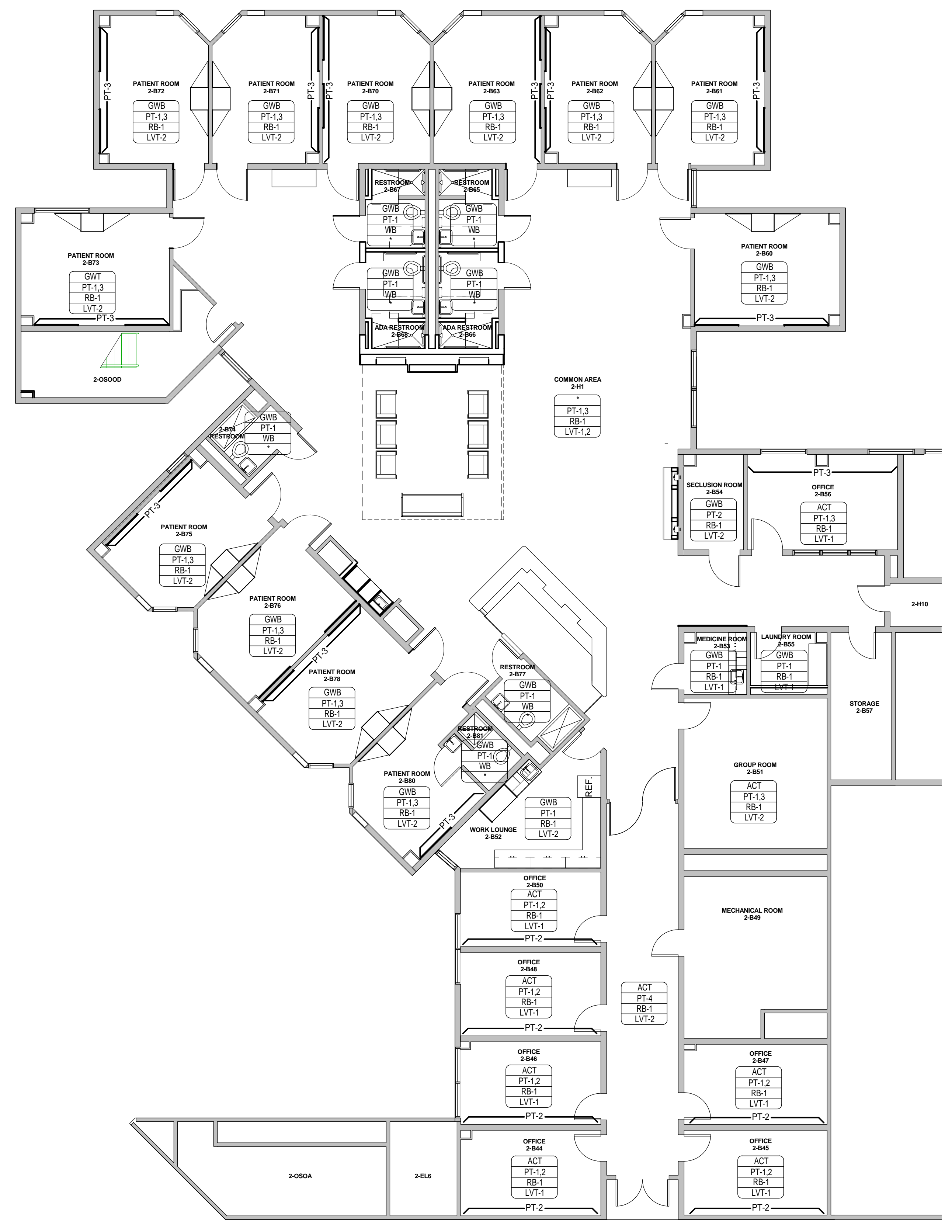
## 1D INTERIOR FINISH PLAN

11 Greenway Plaza, 22nd Floor  
Houston, TX 77046  
713-965-0658 P  
713-961-4571 F  
Texas Registered Engineering Firm: F-3709

In Association with:

MEP:  
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& ASSOCIATES, INC  
2825 Wilcrest, Suite #350  
Houston, Texas 77046  
713-780-7563 P  
713-780-6209 F  
Texas Registered Engineering Firm: F-2113

# HARRIS COUNTY PSYCHIATRIC CENTER UNIT 1D AND 2B RENOVATION



**1** 2B INTERIOR FINISH PLAN  
1/8" = 1'-0"

### GENERAL FINISH PLAN NOTES

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- AFTER PROJECT COMPLETION, ALL FINISHES AND SURFACES TO BE THOROUGHLY CLEANED.
- ALL MILLWORK FINISH **PL-3** INSIDE AND OUTSIDE, UNLESS NOTED.
- ALL INTERIOR FINISHES FOR WALLS, CEILINGS AND FLOORS COMPLY WITH IBS 2006 SECTION 803 & 804:  
\* FLOORING - VINYL FLOORING - FLOORING RADISNT PANEL TEST (ASTM-E-648) PHASSES CLASS 1  
\* WALL BASE - CLASS C  
\* WALL PROTECTION - CLASS 1  
\* ACOUSTICAL CEILING - CLASS A
- ALL PAINT FINISHES **PT-1** ON WALLS; UNLESS NOTED.
- ALL CEILING TO BE 24x24 **ACT**, UNLESS NOTED.

### FINISH PLAN LEGEND

- ROOM FINISH TAG**
- ACT - CEILING FINISH
  - YWC - WALL FINISH
  - RB - WALL BASE FINISH
  - VCT - FLOOR FINISH
- MILLWORK FINISH TAG**
- SS-1 - COUNTERTOPS, BENCHES / HORIZONTAL SURFACE FINISH
  - PL-2 - MILLWORK IN AND OUT SIDE/ VERTICAL SURFACE FINISH
  - P1 - DENOTES ACCENT WALL PAINT
  - - DENOTES MULTIPLE FINISHES. REFER TO ENLARGED PLANS AND/OR ELEVATIONS FOR INFORMATION.
  - 1 - KEYNOTE
  - CG - PAWLING PRO-TEK MODEL CG-10 CORNER GUARD
  - SH - SILL HEIGHT

### FINISH SECTIONS - CEILINGS

- GWB** GYPSUM BOARD CEILING (ALL PATIENTS ROOMS & RESTROOMS)
- ACT** 24X24 ACOUSTICAL CEILING SAND MICRO TILES (ALL PUBLICS AREAS AND OFFICES AND STORAGE)
- CL-3** HEARTH CEILING - LINEAR WOOD CEILING - LINWOOD - LINWOOD I 'BAMBOO CARMELIZED HORIZONTAL'

### FINISH SECTIONS - WALLS

- PT-1** SHERWIN WILLIAMS - EGG SHELL 'EAGLET BEIGE' # 7573
- PT-2** SHERWIN WILLIAMS - EGG SHELL 'DORMER BROWN' # 7521
- PT-3** SHERWIN WILLIAMS - EGG SHELL 'RAIN' # 6219
- PT-4** SHERWIN WILLIAMS - EGG SHELL 'CHRY'SANTHEMUM' # 6347
- PTP-4** (WALL MAIN) AMERICAN OLEAN 10"X14" 'DURANGO CREAM' # SC85 BRICK JOINT, VERTICALLY INSTALLED (RESTROOMS)
- PTP-5** (WALL: ACCENT STRIP) AMERICAN OLEAN - GLASS & NATURAL STONE 3 X RANDOM MOSAIC 'COLOR APPEAL: PACIFIC COAST BLEND' #C136 (RESTROOMS)
- PL-3** WILSONART #7951K-18 'ASIAN SUN' P-LAMINATE (HEARTH WALL)
- RP-1** (DECORATIVE PANELS - HEARTH WALL) LUMICOR RESIN 'GRASSES AND REEDS: SCATTER' (HEARTH WALL)
- GBL-1** (PARTIAL WALL SHOWERS) GLASS BLOCKS 12x12x4 PITTSBURGH CORNING - 'DECORA LX PATTERN'

### FINISH SECTIONS - FLOORING

- LVT-1** : KARANDEAN 36" X 6" - 'OPUS: PALLEO' # WP312 (MAIN)
  - LVT-2** : KARANDEAN 36" X 4" - 'OPUS: GOLDEN TEAK' # WP513 (ACCENT)
  - PTP-1** : AMERICAN OLEAN 6" X 24" PLANKS - 'TERRENO DRIFTWOOD' # TE15 (RESTROOM MAIN FLOOR)
  - PTP-2** : AMERICAN OLEAN 2X2 MOSAIC - 'SALCEDO: DURANGO CREAM' # SC85 (INSIDE SHOWER)
- \*PATTERNS INDICATE DIRECTIONAL FLOOR PATTERN

### FINISH SECTIONS - WALL BASE

- RB-1** 4" RUBBER WALL BASE TO BE STANDARD - FLEXCO - COVE 'CAPPUCCINO' # 65
- WB** WALL BASE: COVE TYPE TO MATCH FLOOR TILE TYPE AND SIZE (ALL RESTROOMS)

### FINISH SECTIONS - TOE KICK

- PL-3** WILSONART #7951K-18 'ASIAN SUN' P-LAMINATE( MILLWORK TYP. )
- PL-2** WILSONART #6257 (419) SATIN BRUSHED NATURAL ALUMINUM (TOE KICK ON NURSE STATION AND LIBRARY WALL ONLY)

### FINISHES - DOOR & WINDOW FRAMES

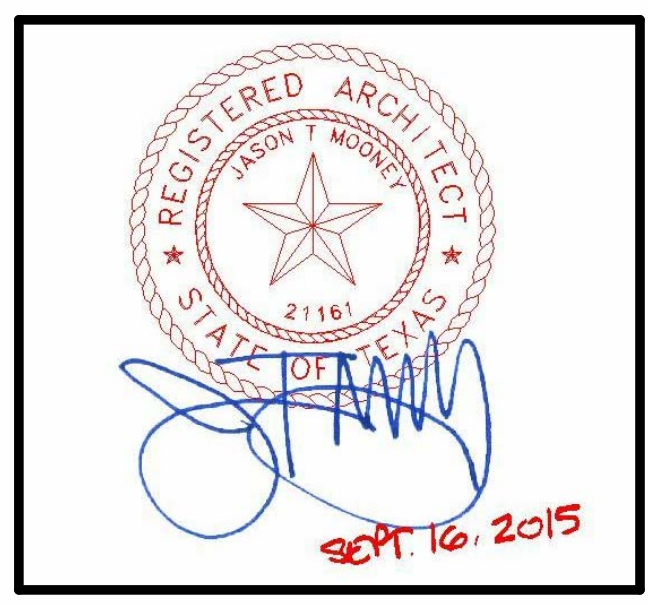
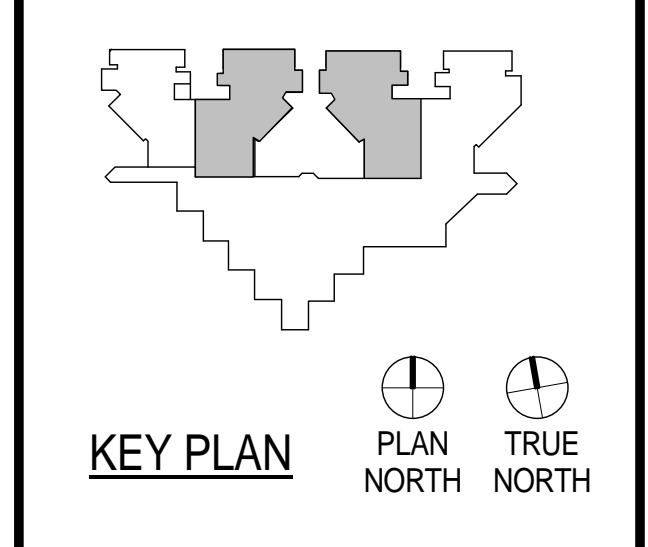
- PT-8** PAINT- INTERIOR DOOR FRAMES - SHERWIN WILLIAMS # 7521 'DORMER BROWN'

### GROUT

- G-1** (BATHROOM WALL) LATICRETE 'ANTIQUÉ WHITE' #23
- G-2** (BATHROOM FLOOR) LATICRETE 'BUTTERCREAM' #81

### MILLWORK

- P-1** 3 FORM PANEL: 3/8" GAUGE, SUPERMATTE FINISH



CLIENT



PROJECT NUMBER	14265	
DATE	SEPTEMBER 16, 2015	
DRAWN BY	VG	
CHECKED BY	JM	
REVISIONS		
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ISSUE FOR CONSTRUCTION

## 2B INTERIOR FINISH PLAN

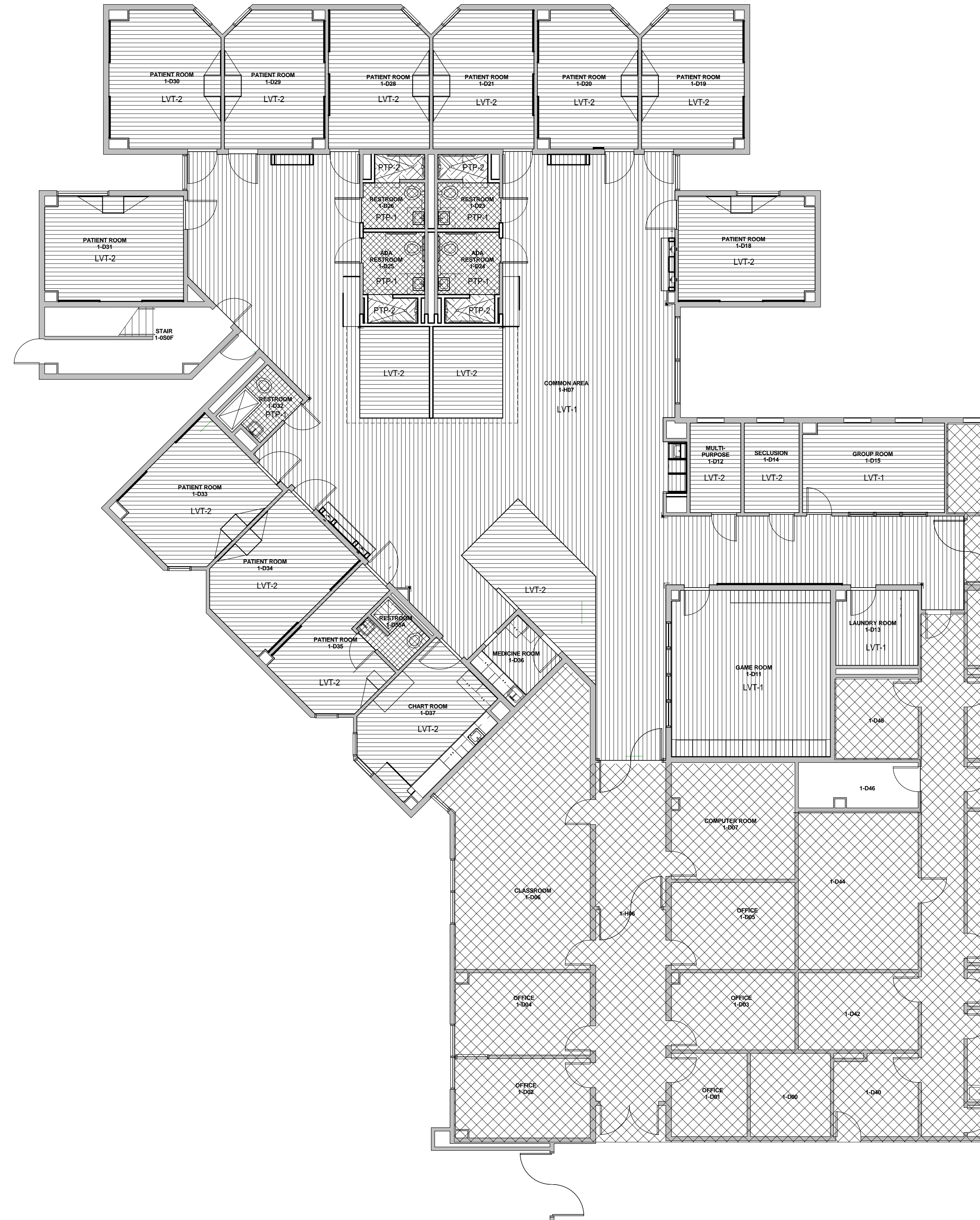
I-202

11 Greenway Plaza, 22nd Floor  
Houston, TX 77046  
713-965-0668 P  
713-961-4571 F  
Texas Registered Engineering Firm: F-3709

In Association with:

MEP:  
Shah Smith  
& ASSOCIATES, INC  
2825 Wilcrest, Suite #350  
Houston, Texas 77046  
713-780-7563 P  
713-780-6209  
Texas Registered Engineering Firm: F-2113

**HARRIS COUNTY  
PSYCHIATRIC CENTER UNIT  
1D AND 2B RENOVATION**



**1** 1D INTERIOR FINISH PLAN  
1/8" = 1'-0"

**GENERAL FINISH PLAN NOTES**

- REFER TO INTERIOR FINISH LEGEND SHEET I-200 & I-201 FOR KEYNOTES AND COMPLETE LIST OF SCHEDULED FINISHES.
- REFER TO INTERIOR ELEVATIONS, AS REFERENCED ON ARCHITECTURAL PLANS, FOR ADDITIONAL INFORMATION.
- SUBMIT SAMPLES OF ALL SCHEDULED FINISHES FOR APPROVAL, PRIOR TO ORDERING.
- ALL INSTALLATION PROCEDURES SHALL BE IN ACCORDANCE WITH EACH MANUFACTURER'S INSTRUCTIONS.
- AFTER PROJECT COMPLETION, ALL FINISHES AND SURFACES TO BE THOROUGHLY CLEANED.
- ALL MILLWORK FINISH **PL-3** INSIDE AND OUTSIDE, UNLESS NOTED.
- ALL INTERIOR FINISHES FOR WALLS, CEILINGS AND FLOORS COMPLY WITH IBS 2006 SECTION 803 & 804:  
\* FLOORING - VINYL FLOORING - FLOORING RADISNT PANEL TEST (ASTM-E-648) PHASES CLASS 1  
\* WALL BASE - CLASS C  
\* WALL PROTECTION - CLASS 1  
\* ACOUSTICAL CEILING - CLASS A
- ALL PAINT FINISHES **PT-1** ON WALLS, UNLESS NOTED.
- ALL CEILING TO BE 24x24 **ACT**, UNLESS NOTED.

**FINISH PLAN LEGEND**

**ROOM FINISH TAG**

ACT	CEILING FINISH
WFC	WALL FINISH
RB	WALL BASE FINISH
VCT	FLOOR FINISH

**MILLWORK FINISH TAG**

SS-1	COUNTERTOPS, BENCHES / HORIZONTAL SURFACE FINISH
PL-2	MILLWORK IN AND OUT SIDE / VERTICAL SURFACE FINISH
P1	DENOTES ACCENT WALL PAINT
-	DENOTES MULTIPLE FINISHES. REFER TO ENLARGED PLANS AND/OR ELEVATIONS FOR INFORMATION.
1	KEYNOTE
CG	PAWLING PRO-TEK MODEL CG-10 CORNER GUARD
SH	SILL HEIGHT

**FINISH SECTIONS - CEILINGS**

- GWB** GYPSUM BOARD CEILING (ALL PATIENTS ROOMS & RESTROOMS)
- ACT** 24X24 ACOUSTICAL CEILING SAND MICRO TILES (ALL PUBLICS AREAS AND OFFICES AND STORAGE)
- CL-3** HEARTH CEILING - LINEAR WOOD CEILING - LINWOOD - LINWOOD 1 'BAMBOO CARMELIZED HORIZONTAL'

**FINISH SECTIONS - WALLS**

- PT-1** SHERWIN WILLIAMS - EGGSHELL "EAGLET BEIGE" # 7573
- PT-2** SHERWIN WILLIAMS - EGGSHELL "DORMER BROWN" # 7521
- PT-3** SHERWIN WILLIAMS - EGGSHELL "RAIN" # 6219
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- PTP-4** (WALL MAIN) AMERICAN OLEAN 10"X14" "DURANGO CREAM" # SC85 BRICK JOINT, VERTICALLY INSTALLED (RESTROOMS)
- PTP-5** (WALL: ACCENT STRIP) AMERICAN OLEAN - GLASS & NATURAL STONE 3 X RANDOM MOSAIC "COLOR APPEAL: PACIFIC COAST BLEND" #C136 (RESTROOMS)
- PL-3** WILSONART #7951K-18 "ASIAN SUN" P-LAMINATE (HEARTH WALL)
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**FINISH SECTIONS - FLOORING**

- LVT-1** : KARNDIAN 36" X 6" - "OPUS: PALLEO" # WP312 (MAIN)
  - LVT-2** : KARNDIAN 36" X 4" - "OPUS: GOLDEN TEAK" # WP513 (ACCENT)
  - PTP-1-1** : AMERICAN OLEAN 6" X 24" PLANKS - "TERRENO DRIFTWOOD" # TE15 (RESTROOM MAIN FLOOR)
  - PTP-2** : AMERICAN OLEAN 2X2 MOSAIC - "SALCEDO: DURANGO CREAM" # SC85 (INSIDE SHOWER)
- \*PATTERNS INDICATE DIRECTIONAL FLOOR PATTERN

**FINISH SECTIONS - WALL BASE**

- RB-1** 4" RUBBER WALL BASE TO BE STANDARD - FLEXCO - COVE "CAPPUCCINO" # 65
- WB** WALL BASE: COVE TYPE TO MATCH FLOOR TILE TYPE AND SIZE (ALL RESTROOMS)

**FINISH SECTIONS - TOE KICK**

- PL-3** WILSONART #7951K-18 "ASIAN SUN" P-LAMINATE (MILLWORK TYP.)
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**FINISHES - DOOR & WINDOW FRAMES**

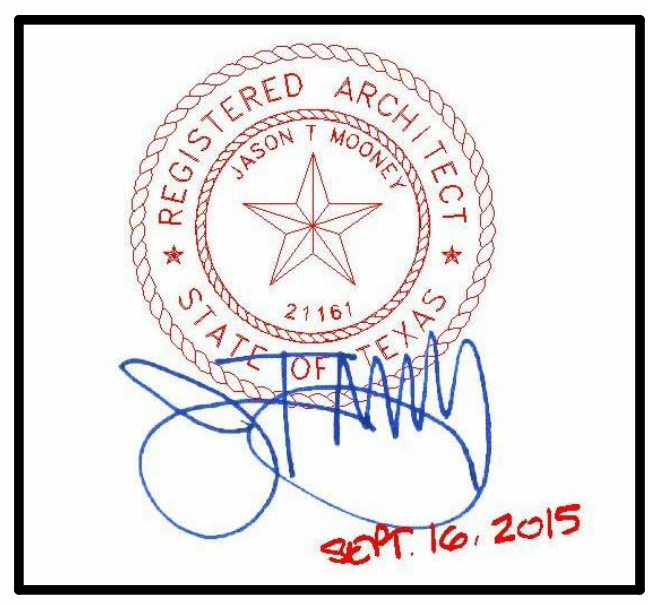
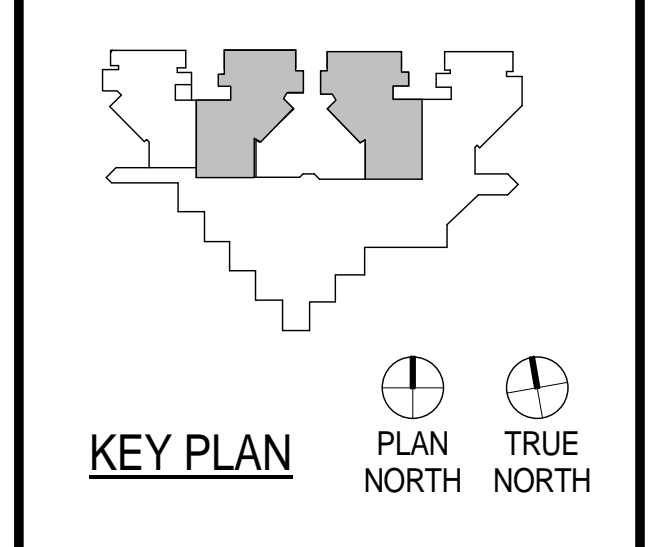
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**GROUT**

- G-1** (BATHROOM WALL) LATICRETE "ANTIQUE WHITE" #23
- G-2** (BATHROOM FLOOR) LATICRETE "BUTTERCREAM" #81

**MILLWORK**

- P-1** 3 FORM PANEL: 3/8" GAUGE, SUPERMATTE FINISH



CLIENT

**UTHealth**

PROJECT NUMBER	14265	
DATE	SEPTEMBER 16, 2015	
DRAWN BY	VG	
CHECKED BY	JM	
REVISIONS		
No.	Description	Date

ISSUE FOR CONSTRUCTION

**1D INTERIOR FLOOR PATTERN PLAN**

11 Greenway Plaza, 22nd Floor  
Houston, TX 77046  
713-965-0658 P  
713-961-4571 F  
Texas Registered Engineering Firm: F-3709

In Association with:

MEP:  
Shah Smith  
& ASSOCIATES, INC  
2825 Wilcrest, Suite #350  
Houston, Texas 77046  
713-780-7563 P  
713-780-6209  
Texas Registered Engineering Firm: F-2113

# HARRIS COUNTY PSYCHIATRIC CENTER UNIT 1D AND 2B RENOVATION



**1** 2B INTERIOR FLOOR PATTERN PLAN  
1/8" = 1'-0"

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### FINISH PLAN LEGEND

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- ACT - CEILING FINISH
  - WVC - WALL FINISH
  - RB - WALL BASE FINISH
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### FINISH SECTIONS - WALL BASE

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- WB - WALL BASE: COVE TYPE TO MATCH FLOOR TILE TYPE AND SIZE (ALL RESTROOMS)

### FINISH SECTIONS - TOE KICK

- PL-3 - WILSONART #7951K-18 "ASIAN SUN" P-LAMINATE (MILLWORK TYP.)
- PL-2 - WILSONART #6257 (419) SATIN BRUSHED NATURAL ALUMINUM (TOE KICK ON NURSE STATION AND LIBRARY WALL ONLY)

### FINISHES - DOOR & WINDOW FRAMES

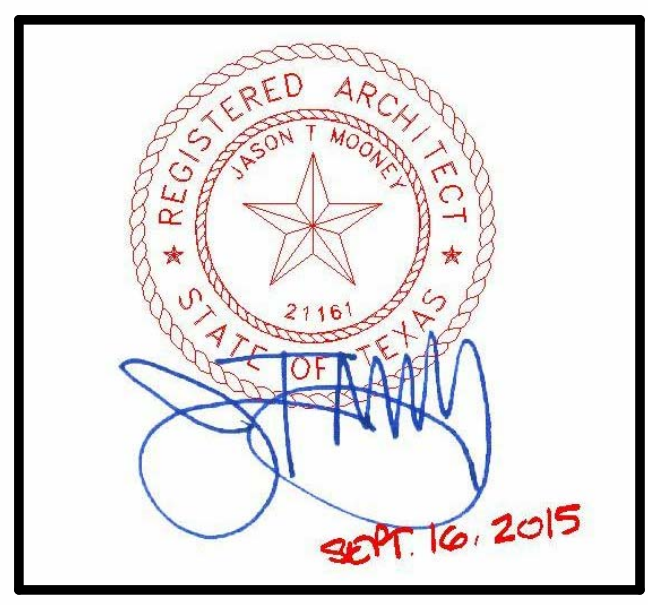
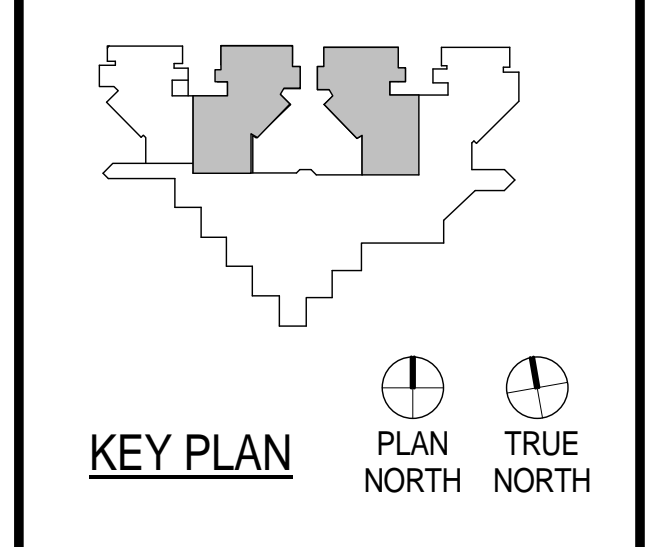
- PT-6 - PAINT- INTERIOR DOOR FRAMES - SHERWIN WILLIAMS # 7521 "DORMER BROWN"

### GROUT

- G-1 - (BATHROOM WALL) LATICRETE "ANTIQUÉ WHITE" #23
- G-2 - (BATHROOM FLOOR) LATICRETE "BUTTERCREAM" #81

### MILLWORK

- P-1 - 3 FORM PANEL: 3/8" GAUGE, SUPERMATTE FINISH



CLIENT



PROJECT NUMBER	14265	
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DRAWN BY	VG	
CHECKED BY	JM	
REVISIONS		
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ISSUE FOR CONSTRUCTION

### 2B INTERIOR FLOOR PATTERN PLAN

I-211

## HARRIS COUNTY PSYCHIATRIC CENTER UNIT 1D AND UNIT 2B RENOVATIONS



CLIENT  
PBK Architects



PROJECT NUMBER	14265	
DATE	SEPTEMBER 16, 2015	
DRAWN BY	FL	
CHECKED BY	JRR	
REVISIONS		
No.	Description	Date

ISSUE FOR CONSTRUCTION

### ELECTRICAL LEGEND SYMBOLS AND ABBREVIATIONS

ELECTRICAL ONE-LINE AND CONTROL SYMBOLS	FIRE ALARM SYMBOLS	ABBREVIATIONS	ABBREVIATIONS
<p>SURGE SUPPRESSOR, METAL OXIDE VARISTOR (MOV) MAXIMUM CONTINUOUS OPERATING VOLTAGE (MCOV) AS NOTED</p> <p>POWER TRANSFORMER</p> <p>MOLDED OR INSULATED CASE CIRCUIT BREAKER</p> <p>CIRCUIT BREAKER WITH SHUNT TRIP COIL</p> <p>DISCONNECT SWITCH, NON-FUSIBLE</p> <p>DISCONNECT SWITCH, FUSIBLE</p> <p>FUSE</p> <p>TRANSFER SWITCH</p> <p>CURRENT TRANSFORMER</p> <p>CURRENT TRANSFORMER, ZERO SEQUENCE</p> <p>VOLTAGE OR POWER TRANSFORMER</p> <p>DELTA CONNECTED</p> <p>OPEN DELTA CONNECTED</p> <p>WYE CONNECTED</p> <p>GROUND</p> <p>GROUNDING WYE</p> <p>PROTECTIVE RELAY FUNCTION, ANSI DESIGNATION AS NOTED</p> <p>KEY INTERLOCK</p> <p>SURGE PROTECTIVE DEVICE</p> <p>SPACE HEATER</p> <p>DIGITAL MULTI-METER</p> <p>METER</p> <p>GENERATOR THREE PHASE SIZE AS NOTED</p> <p>MOTOR, THREE-PHASE, HP AS NOTED</p> <p>TWO SPEED MOTOR - HP AS NOTED</p> <p>MOTOR, SINGLE PHASE, HP AS NOTED</p> <p>VARIABLE FREQUENCY DRIVE</p> <p>MAGNETIC MOTOR STARTER</p> <p>OVERLOAD</p> <p>CONTACTOR COIL</p> <p>CONTROL RELAY</p> <p>CONTACT, NORMALLY OPEN</p> <p>CONTACT, NORMALLY CLOSED</p> <p>INDICATING LAMP, COLOR AS NOTED, R. RED, G. GREEN, A. AMBER, W. WHITE</p> <p>SELECTOR SWITCH</p> <p>SELECTOR SWITCH, HAND-OFF-AUTOMATIC</p> <p>SELECTOR SWITCH, ON-OFF</p> <p>NORMALLY OPEN PUSHBUTTON, MOMENTARY CONTACT</p> <p>NORMALLY CLOSED PUSHBUTTON, MAINTAINED CONTACT</p> <p>PUSHBUTTON, MAINTAINED CONTACT</p> <p>PANELBOARD</p> <p>CONTROL PANEL</p> <p>CONNECTION POINT</p> <p>EQUIPMENT ENCLOSURE</p> <p>VIBRATION SWITCH</p>	<p><b>MFAP</b> MAIN FIRE DETECTION &amp; ALARM PANEL</p> <p><b>FAAP</b> FIRE ALARM ANUNCIATOR PANEL</p> <p><b>F</b> MANUAL FIRE ALARM PULL STATION</p> <p><b>FSD</b> FIRE/SMOKE DAMPER</p> <p><b>KEYED NOTES SYMBOL (#)</b></p> <p>EXISTING PANELBOARD SURFACE MOUNTED</p> <p>EXISTING PANELBOARD FLUSH MOUNTED</p> <p>LIGHTING AND APPLIANCE BRANCH CIRCUIT PANELBOARD - SURFACE MOUNTED</p> <p>LIGHTING AND APPLIANCE BRANCH CIRCUIT PANELBOARD - FLUSH MOUNTED</p> <p>POWER/DISTRIBUTION PANELBOARD - SURFACE MOUNTED</p> <p>POWER/DISTRIBUTION PANELBOARD - FLUSH MOUNTED</p> <p>EMERGENCY PANELBOARD-FLUSH MOUNTED</p> <p>GROUND ROD</p> <p>GROUNDING SYSTEM TEST WELL</p> <p>LIGHTNING PROTECTION AIR TERMINAL</p> <p>DIGITAL MULTI-METER</p> <p>CONTINUATION</p> <p>CONDUIT EXPOSED</p> <p>EMERGENCY PANELBOARD-SURFACE MOUNTED</p> <p>CONDUIT CAPPED</p> <p>CONDUIT TURNED DOWN</p> <p>CONDUIT TURNED UP</p> <p>HOMERUN - ONE PHASE - ONE NEUTRAL, ONE GROUNDING CONDUCTOR</p> <p>HOMERUN - TWO PHASE, ZERO, ONE OR TWO NEUTRAL AS SCHEDULED BY TICK MARKS, ONE GROUNDING CONDUCTOR</p> <p>HOMERUN - THREE PHASE, ZERO, ONE OR THREE NEUTRAL AS SCHEDULED BY TICK MARKS, ONE GROUNDING CONDUCTOR</p> <p>MOTOR SINGLE PHASE - HP AS NOTED</p> <p>MOTOR THREE PHASE - HP AS NOTED</p> <p>TWO SPEED MOTOR - HP AS NOTED</p> <p>GENERATOR THREE PHASE SIZE AS NOTED</p> <p>LIGHTNING PROTECTION CONDUCTOR</p> <p>GROUNDING CONDUCTOR</p>	<p>A, AMP</p> <p>AC</p> <p>ACC</p> <p>AD</p> <p>AF</p> <p>AFF</p> <p>AFG</p> <p>AHU</p> <p>AIC</p> <p>AL</p> <p>ARCH</p> <p>AT</p> <p>ATS</p> <p>AUX</p> <p>AV</p> <p>AWG</p> <p>B</p> <p>BF</p> <p>BAS</p> <p>BCP</p> <p>BFP</p> <p>BKR</p> <p>BLDG</p> <p>BFDF</p> <p>BIDF</p> <p>CL</p> <p>C</p> <p>CAFSS</p> <p>CAOP</p> <p>CATV</p> <p>CB</p> <p>CCP</p> <p>CCTV</p> <p>CDP</p> <p>CH</p> <p>CHP</p> <p>CKT</p> <p>CLG</p> <p>CMH</p> <p>COAX</p> <p>CONT</p> <p>COORD</p> <p>CPT</p> <p>CSU</p> <p>CT</p> <p>CTF</p> <p>CTR</p> <p>CU</p> <p>CW</p> <p>CWP</p> <p>DA</p> <p>DATA</p> <p>DB</p> <p>DC</p> <p>DCC</p> <p>DOS</p> <p>DDC</p> <p>DEMOM</p> <p>DIP</p> <p>DIV</p> <p>DDPT</p> <p>DPST</p> <p>DWG</p> <p>DWP</p> <p>E, EM</p> <p>EA</p> <p>EC</p> <p>EDF</p> <p>EF</p> <p>EG</p> <p>EGP</p> <p>ELS</p> <p>EMS</p> <p>EMT</p> <p>EPR</p> <p>EIWH</p> <p>EXIST</p> <p>FA</p> <p>FCU</p> <p>FCV</p> <p>FLA</p> <p>FO</p> <p>FP</p> <p>FSD</p> <p>FUT</p> <p>FVNR</p> <p>FVV</p> <p>GAOP</p> <p>GEN</p> <p>GFCI</p> <p>GFEP</p> <p>G, GND</p> <p>GRAP</p> <p>GWH</p> <p>H</p> <p>HID</p> <p>HMT</p> <p>HOA</p> <p>HP</p> <p>HPS</p> <p>HFG</p> <p>HVAC</p> <p>HWC</p> <p>HWP</p> <p>IO</p> <p>IG</p> <p>IR</p> <p>IRR</p> <p>IS</p> <p>JB</p> <p>JP</p> <p>K</p> <p>KA</p> <p>KAIC</p> <p>KCMIL</p> <p>KV</p> <p>KVA</p> <p>KW</p> <p>KWH</p> <p>LTG</p> <p>LC</p> <p>LAMP</p> <p>ALTERNATING CURRENT, AIR COMPRESSOR</p> <p>AIR COOLED CHILLER</p> <p>AIR DRYER</p> <p>AMPERE FRAME</p> <p>ABOVE FINISHED FLOOR</p> <p>ABOVE FINISHED GRADE</p> <p>AIR HANDLING UNIT</p> <p>AMPERES INTERRUPTING CAPACITY</p> <p>ALUMINUM</p> <p>ARCHITECT, ARCHITECTURAL</p> <p>AUTOMATIC TRANSFER SWITCH</p> <p>AUXILIARY</p> <p>AUDIO VISUAL</p> <p>AMERICAN WIRE GAUGE</p> <p>BOILER</p> <p>BALLAST FACTOR</p> <p>BUILDING AUTOMATION SYSTEM</p> <p>BOILER CONTROL PANEL</p> <p>BOILER FEEDWATER PUMP</p> <p>BREAKER</p> <p>BUILDING</p> <p>BOILER FORCED DRAFT FAN</p> <p>BOILER INDUCED DRAFT FAN</p> <p>CENTERLINE</p> <p>CONDUIT</p> <p>CLEAN AGENT FIRE SUPPRESSION SYSTEM</p> <p>CHILLER AUXILIARY OIL PUMP</p> <p>CABLE TELEVISION SYSTEM</p> <p>CIRCUIT BREAKER</p> <p>CHILLER CONTROL PANEL</p> <p>CLOSED CIRCUIT TELEVISION SYSTEM</p> <p>CONDENSATE PUMP</p> <p>CHILLER</p> <p>CHILLED WATER PUMP</p> <p>CIRCUIT</p> <p>CEILING</p> <p>COMMUNICATIONS MANHOLE</p> <p>COAXIAL CABLE</p> <p>CONTINUATION</p> <p>COORDINATION/COORDINATE</p> <p>CONTROL PANEL</p> <p>CONTROL POWER TRANSFORMER</p> <p>COLLEGE STATION UTILITIES</p> <p>CURRENT TRANSFORMER, COOLING TOWER</p> <p>COOLING TOWER FAN</p> <p>CONTROLLER</p> <p>COPPER, CONDENSING UNIT</p> <p>CONSTANT VOLUME TERMINAL UNIT</p> <p>CONDENSER WATER PUMP</p> <p>DEAERATOR</p> <p>DATA AND/OR COMMUNICATION</p> <p>DUCT BANK</p> <p>DIRECT CURRENT</p> <p>DISTRIBUTED CONTROL SYSTEM</p> <p>DIRECT DIGITAL CONTROL</p> <p>DEMOLITION</p> <p>DEIONIZED WATER PUMP</p> <p>DIVISION</p> <p>DOUBLE POLE, DOUBLE THROW</p> <p>DOUBLE POLE, SINGLE THROW</p> <p>ETHYLENE-PROPYLENE RUBBER</p> <p>REVERSE OSMOSIS PUMP</p> <p>EXISTING</p> <p>FIRE DETECTION AND ALARM SYSTEM</p> <p>FAN COIL UNIT</p> <p>FAN-CONSTANT VOLUME TERMINAL UNIT</p> <p>FULL LOAD AMPS</p> <p>FIBER OPTIC(S)</p> <p>FIRE PUMP</p> <p>FIRE SMOKE DAMPER</p> <p>FUTURE</p> <p>FULL VOLTAGE NON-REVERSING</p> <p>FAN-VARIABLE VOLUME TERMINAL UNIT</p> <p>GEAR AUXILIARY OIL PUMP</p> <p>GENERATOR</p> <p>GROUND FAULT CIRCUIT INTERRUPTER</p> <p>GROUND FAULT EQUIPMENT PROTECTION</p> <p>GROUND</p> <p>GENERATOR REMOTE ANUNCIATOR PANEL</p> <p>GAS-FIRED WATER HEATER</p> <p>HOT</p> <p>HIGH INTENSITY DISCHARGE</p> <p>HARMONIC MITIGATING TRANSFORMER</p> <p>HAND OFF AUTOMATIC</p> <p>HORSEPOWER</p> <p>HIGH PRESSURE SODIUM</p> <p>HIGH RESISTANCE GROUND</p> <p>HEATING, VENTILATING, AND AIR CONDITIONING</p> <p>HOT WATER CIRCULATING PUMP</p> <p>HEATING WATER PUMP</p> <p>INPUT/OUTPUT</p> <p>ISOLATED GROUND</p> <p>INFRARED</p> <p>IRRIGATION</p> <p>INSTANT START</p> <p>JUNCTION BOX</p> <p>JOCKEY PUMP</p> <p>KILO, THOUSAND</p> <p>KILOAMPERES</p> <p>THOUSAND AMPERES INTERRUPTING CAPACITY</p> <p>THOUSAND CIRCULAR MILS</p> <p>KILOVOLT</p> <p>KILOVOLT AMPERES</p> <p>KILOWATT</p> <p>KILOWATT-HOUR</p> <p>LIGHTING</p> <p>LIGHTING CONTACTOR</p> <p>LIGHTING CONTROL PANEL</p> <p>LIGHT EMITTING DIODE</p> <p>LIGHTNING PROTECTION</p> <p>LOCAL-REMOTE</p> <p>LOCKED ROTOR AMPERES</p> <p>LONG TIME, SHORT TIME</p> <p>LONG TIME, SHORT TIME, INSTANTANEOUS</p> <p>LONG TIME, SHORT TIME, GROUND</p> <p>LONG TIME, SHORT TIME, INSTANTANEOUS, GROUND</p> <p>LONG TIME, INSTANTANEOUS</p> <p>LONG TIME, INSTANTANEOUS, GROUND</p> <p>MILLIAMPS</p> <p>MAXIMUM</p> <p>MAIN CIRCUIT BREAKER</p> <p>MOTOR CONTROL CENTER</p> <p>MOTOR CIRCUIT PROTECTOR</p> <p>MECHANICAL</p> <p>MAIN FIRE DETECTION &amp; ALARM PANEL</p> <p>MANUFACTURER</p> <p>METAL HALIDE</p> <p>MAIN LUGS ONLY</p> <p>METAL OXIDE VARISTOR</p> <p>MOUNTED</p> <p>MEDIUM VOLTAGE CABLE 90 C, 105C</p> <p>MEGA VOLT AMPERES</p> <p>MEGA WATTS</p> <p>NEUTRAL</p> <p>NORMALLY CLOSED</p> <p>NATIONAL ELECTRICAL CODE</p> <p>NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION</p> <p>NOT IN CONTRACT</p> <p>NORMALLY OPEN</p> <p>NUMBER</p> <p>NOT TO SCALE</p> <p>OR APPROVED SUBSTITUTION</p> <p>OVERCURRENT PROTECTIVE DEVICE ON CENTER</p> <p>OWNER FURNISHED, CONTRACTOR INSTALLED</p> <p>OWNER FURNISHED, CONTRACTOR INSTALLED</p> <p>OVERHEAD</p> <p>OVERLOAD</p> <p>POLE</p> <p>PUBLIC ADDRESS</p> <p>PULL BOX</p> <p>PRIMARY CHILLED WATER PUMP</p> <p>POWER DISTRIBUTION UNIT</p> <p>POWER FACTOR</p> <p>POWER FACTOR CORRECTION</p> <p>CAPACITOR</p> <p>PHASE</p> <p>PASSIVE INFRARED</p> <p>PROGRAMMABLE LOGIC CONTROLLER</p> <p>POWER MANHOLE</p> <p>PAD MOUNT</p> <p>PANELBOARD</p> <p>PROGRAMMED START</p> <p>POLYVINYL CHLORIDE</p> <p>PVC COATED RIGID GALVANIZED STEEL CONDUIT</p> <p>RAC</p> <p>RCP</p> <p>RE</p> <p>RFAP</p> <p>RGS</p> <p>RL</p> <p>RMS</p> <p>ROP</p> <p>RS</p> <p>RTD</p> <p>RVAT</p> <p>SCADA</p> <p>SUPERVISORY CONTROL &amp; DATA ACQUISITION</p> <p>SCHEDULE</p> <p>SECONDARY CHILLED WATER PUMP</p> <p>SEWAGE EJECTOR PUMP</p> <p>SUPPLY FAN</p> <p>SHIELDED</p> <p>SUMP PUMP</p> <p>SURGE PROTECTION DEVICE</p> <p>SINGLE POLE, DOUBLE THROW</p> <p>SINGLE POLE, SINGLE THROW</p> <p>STAIRWELL PRESSURIZATION FAN</p> <p>STAINLESS STEEL</p> <p>SOLID STATE OVER LOAD</p> <p>STANDARD</p> <p>SHIELDED TWISTED PAIR SWITCH</p> <p>SWITCHBOARD</p> <p>SWITCHGEAR</p> <p>SYMMETRICAL</p> <p>SYNCHRONOUS</p> <p>TELECOM</p> <p>TELECOMMUNICATIONS</p> <p>TURBINE OIL PUMP</p> <p>TSP</p> <p>TVSS</p> <p>TYP</p> <p>UG</p> <p>UNDERGROUND</p> <p>UH</p> <p>UNIT HEATER</p> <p>UL</p> <p>UNDERWRITER'S LABORATORY</p> <p>UNION</p> <p>UNLESS OTHERWISE NOTED</p> <p>UNINTERRUPTIBLE POWER SUPPLY</p> <p>UNSHIELDED TWISTED PAIR</p> <p>V</p> <p>VOLTS</p> <p>VA</p> <p>VOLT AMPERES</p> <p>VAC</p> <p>VOLTS ALTERNATING CURRENT</p> <p>VAR</p> <p>VOLT AMPERES REACTIVE</p> <p>VDC</p> <p>VOLTS DIRECT CURRENT</p> <p>VFD</p> <p>VARIABLE FREQUENCY DRIVE</p> <p>VP</p> <p>VACUUM PUMP</p> <p>VT</p> <p>VOLTAGE TRANSFORMER</p> <p>VV</p> <p>VARIABLE VOLUME TERMINAL UNIT</p> <p>W</p> <p>WIRE</p> <p>W</p> <p>WITH</p> <p>WG</p> <p>WIRE GUARD</p> <p>WH</p> <p>WATER HEATER</p> <p>WP</p> <p>WEATHERPROOF</p> <p>XFMR</p> <p>TRANSFORMER</p> <p>Y</p> <p>WYE</p> <p>Z</p> <p>IMPEDANCE</p>	<p><b>True Plan</b></p> <p>NORTH NORTH</p> <p>Scale: 1" = 1'-0"</p> <p>0' 8' 16'</p>
ELECTRICAL PLAN SYMBOLS	<p>SINGLE RECEPTACLE, SUBSCRIPT IS DEFINED AS FOLLOWS: a = NEMA 6-30R b = 480V, 3-PHASE PLUS GND, 50A, HUBBELL #CS8165C, OAS c = NEMA 15-30R</p> <p>DUPLEX RECEPTACLE</p> <p>QUADRUPLEX RECEPTACLE</p> <p>SINGLE RECEPTACLE MOUNTED FLUSH IN FLOOR BOX</p> <p>SINGLE RECEPTACLE, SPECIAL PURPOSE MOUNTED FLUSH IN FLOOR BOX</p> <p>DUPLEX RECEPTACLE MOUNTED FLUSH IN FLOOR BOX</p> <p>QUADRUPLEX RECEPTACLE MOUNTED FLUSH IN FLOOR BOX</p> <p>WEATHERPROOF</p> <p>GROUND FAULT CIRCUIT INTERRUPTER</p> <p>ISOLATED GROUND</p> <p>EMERGENCY</p> <p>MOUNTED FLUSH IN CEILING OR SURFACE OF STRUCTURE ABOVE</p> <p>OCCUPANCY SENSOR WALL MOUNTED - DUAL TECHNOLOGY</p> <p>OCCUPANCY SENSOR CEILING MOUNTED -360° COVERAGE - DUAL TECHNOLOGY</p> <p>LIGHTING CONTACTOR</p> <p>LIGHTING CONTROL PANEL</p> <p>JUNCTION OR PULLBOX, WALL MOUNTED</p> <p>JUNCTION OR PULLBOX, CEILING MOUNTED</p> <p>JUNCTION OR PULLBOX, FLUSH MOUNTED IN FLOOR OR FLOORBOX AS NOTED ON PLANS</p> <p>DISCONNECT SWITCH, NON FUSIBLE, 30A, 3P UON</p> <p>DISCONNECT SWITCH, FUSIBLE, 30A, 3P UON</p> <p>STARTER, NEMA SIZE '1' UON</p> <p>COMBINATION SWITCH STARTER, NEMA SIZE '1' UON</p> <p>ENCLOSED CIRCUIT BREAKER TYPE AND SIZE AS NOTED</p> <p>RELAY</p> <p>PUSH BUTTON</p> <p>KIRK KEY INTERLOCK</p> <p>BUZZER</p> <p>BELL</p> <p>TRANSFORMER</p>		



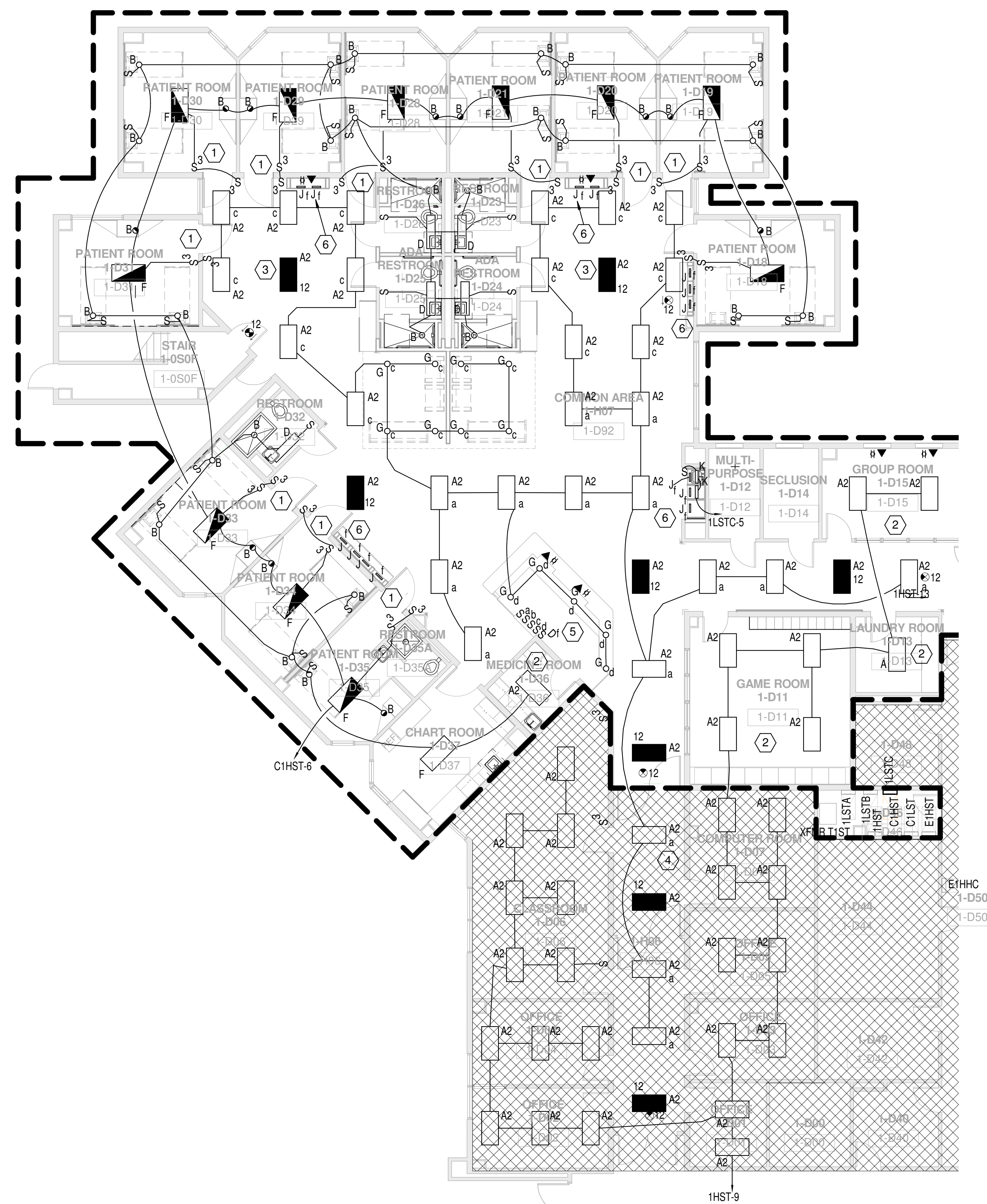


### GENERAL NOTES - E-101.1D

- SEE SHEET E-001 FOR ELECTRICAL LEGEND AND ABBREVIATION. SEE ARCHITECT FOR FINAL LUMINAIRE LOCATIONS.
- ALL EMERGENCY LUMINAIRES AND EXIT LIGHTS ARE TO REMAIN UNSWITCHED, UON.
- LIGHTED EXIT SIGNS ARE SHOWN FOR QUANTITIES AND GENERAL LOCATIONS. COORDINATE WITH ARCHITECT FOR EXACT LOCATION OF LIGHTED EXIT SIGNS.
- SINGLE-FACE EXIT SIGNS ARE TYPE XA, UON. DOUBLE-FACE SIGNS ARE TYPE XB, UON.
- COORDINATE ELECTRICAL WORK WITH ARCHITECT, CIVIL, STRUCTURAL, MECHANICAL, AND PLUMBING SO AS TO AVOID INTERFERENCE WITH OR COMPROMISE OF OTHER SYSTEMS.
- SEE ENLARGED ELECTRICAL PLANS FOR LOCATION OF LIGHTING BRANCH CIRCUIT PANELBOARDS AND LIGHTING CONTACTORS.
- LIFE SAFETY LIGHTING ON THIS SHEET IS SERVED FROM PANEL E1HST. NUMBER INDICATES CIRCUIT NUMBER.

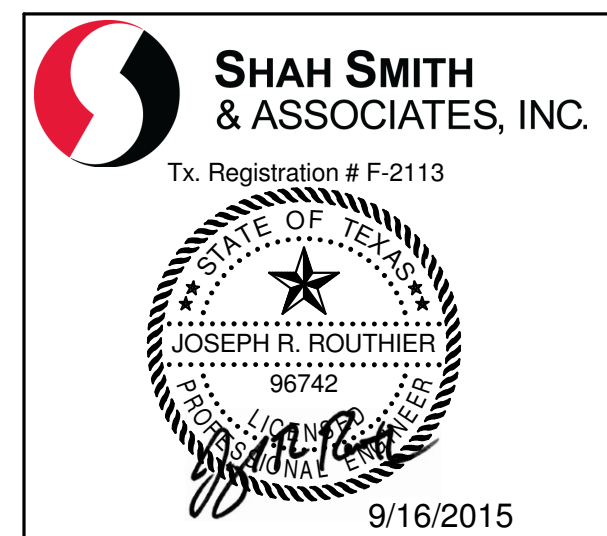
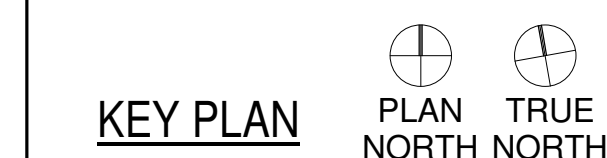
### KEYED NOTES - E-101.1D

- EXISTING THREE-WAY LIGHT SWITCH IN THIS LOCATION TO BE RE-USED. SWITCH SHOWN TO ILLUSTRATE LIGHTING CONTROL ONLY.
- EXISTING NORMAL POWER LIGHTING CONTROL IN THIS SPACE TO BE RE-USED. REMOVE CRITICAL BRANCH SWITCH AND PROVIDE NEW DEVICE PLATE THAT BLANKS OFF SECOND SWITCH POSITION IN BOX.
- PROVIDE UL 924 RELAY, ENTERTAINMENT NETWORKS #EPC-277.OAS, FOR CONTROL OF LS LIGHTING IN GROUP AREAS. CONNECT TO SWITCH LEG AS INDICATED.
- LIGHTING, CIRCUITING, AND LIGHTING CONTROL IN THIS AREA IS SHOWN FOR INFORMATION ONLY. WORK INSIDE THIS AREA IS BY OTHERS.
- PROVIDE NEW LUTRON NOVA-T, OAS, 277VAC, ELECTRONIC LOW VOLTAGE DIMMER SWITCH FOR CONTROL OF ACCENT LIGHTING BEHIND 3FORM PANELS.
- CONNECT ACCENT LIGHTING BEHIND 3FORM PANELS TO CIRCUIT SERVING COMMON AREA GENERAL LIGHTING, TYP.

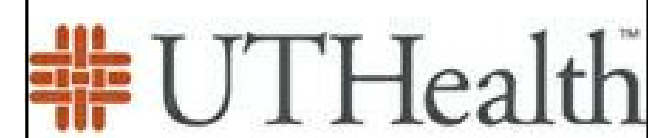


1 FIRST FLOOR LIGHTING PLAN - AREA D  
1/8" = 1'-0"

# HARRIS COUNTY PSYCHIATRIC CENTER UNIT 1D AND UNIT 2B RENOVATIONS



CLIENT  
PBK Architects



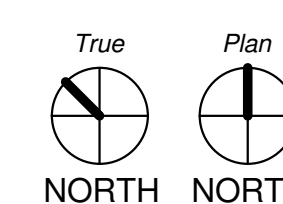
PROJECT NUMBER 14265  
DATE SEPTEMBER 16, 2015  
DRAWN BY FL  
CHECKED BY JRR  
REVISIONS

No.	Description	Date

ISSUE FOR CONSTRUCTION

## ELECTRICAL LIGHTING PLAN AREA 1D

### E-101.1D



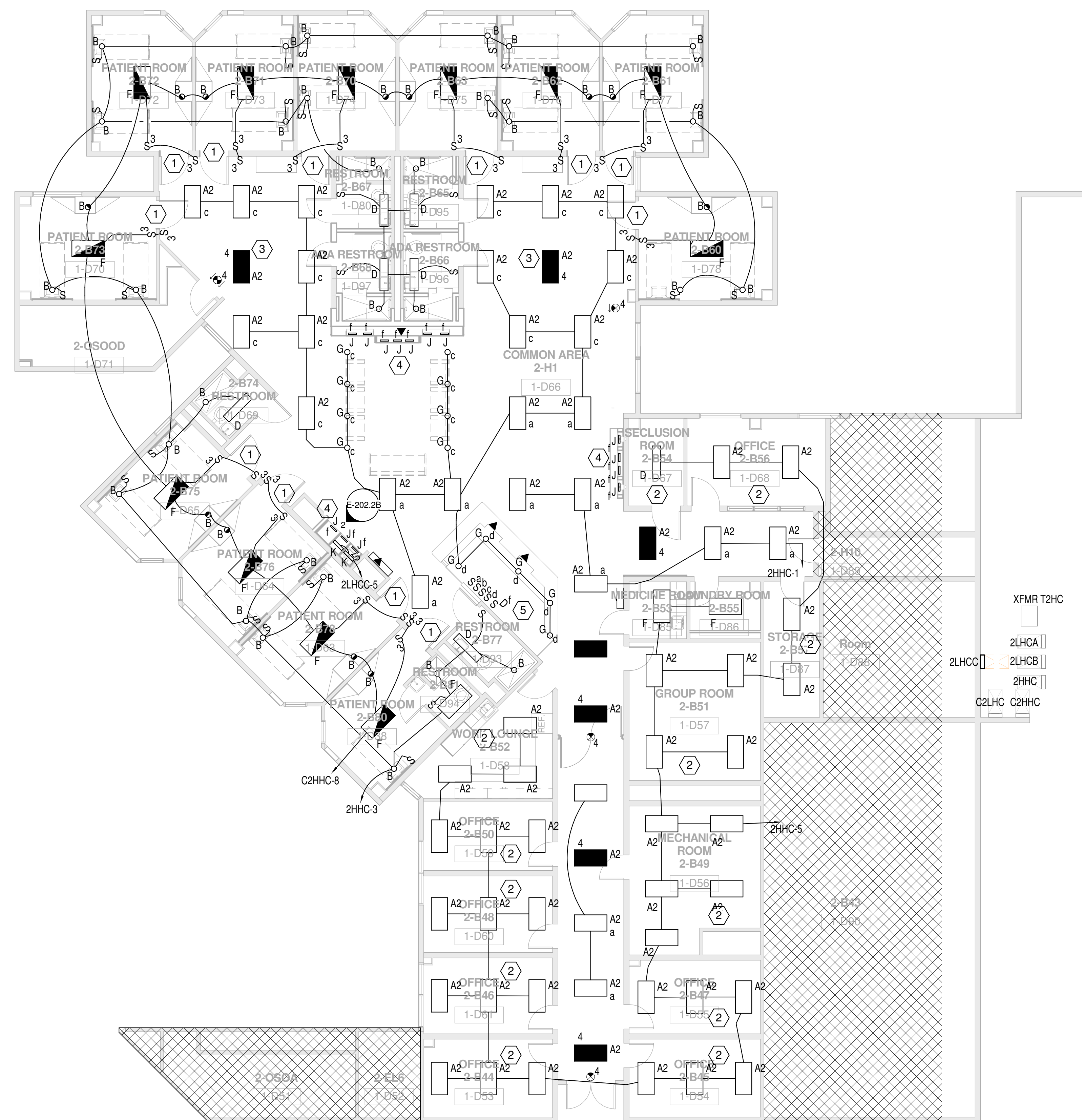
## HARRIS COUNTY PSYCHIATRIC CENTER UNIT 1D AND UNIT 2B RENOVATIONS

### GENERAL NOTES - E-102.2B

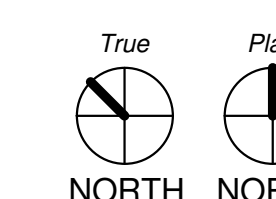
- A. SEE SHEET E-001 FOR ELECTRICAL LEGEND AND ABBREVIATION. SEE ARCHITECT FOR FINAL LUMINAIRE LOCATIONS.
- B. ALL EMERGENCY LUMINAIRES AND EXIT LIGHTS ARE TO REMAIN UNSWITCHED, UON.
- C. LIGHTED EXIT SIGNS ARE SHOWN FOR QUANTITIES AND GENERAL LOCATIONS. COORDINATE WITH ARCHITECT FOR EXACT LOCATION OF LIGHTED EXIST SIGNS.
- D. SINGLE-FACE EXIT SIGNS ARE TYPE XA, UON. DOUBLE-FACE SIGNS ARE TYPE XB, UON.
- E. COORDINATE ELECTRICAL WORK WITH ARCHITECT, CIVIL, STRUCTURAL, MECHANICAL, AND PLUMBING SO AS TO AVOID INTERFERENCE WITH OR COMPROMISE OF OTHER SYSTEMS.
- F. SEE ENLARGED ELECTRICAL PLANS FOR LOCATION OF LIGHTING BRANCH CIRCUIT PANELBOARDS AND LIGHTING CONTACTORS.
- G. LIFE SAFETY LIGHTING ON THIS SHEET IS SERVED FROM PANEL E1HHC. NUMBER INDICATES CIRCUIT NUMBER.

### KEYED NOTES - E-102.2B

- 1 EXISTING THREE-WAY LIGHT SWITCH IN THIS LOCATION TO BE RE-USED. SWITCH SHOWN TO ILLUSTRATE LIGHTING CONTROL ONLY.
- 2 EXISTING NORMAL POWER LIGHTING CONTROL IN THIS SPACE TO BE REUSED. REMOVE CRITICAL BRANCH SWITCH AND PROVIDE NEW DEVICE PLATE THAT BLANKS OFF SECOND SWITCH POSITION IN BOX.
- 3 PROVIDE UL 924 RELAY, ENTERTAINMENT NETWORKS #EPC-277.OAS, FOR CONTROL OF LS LIGHTING IN GROUP AREAS. CONNECT TO SWITCHING LEG AS INDICATED.
- 4 CONNECT ACCENT LIGHTING BEHIND 3FORM PANELS TO CIRCUIT SERVING COMMON AREA GENERAL LIGHTING, TYP.
- 5 PROVIDE NEW LUTRON NOVA-T, OAS, 277VAC, ELECTRONIC LOW VOLTAGE DIMMER SWITCH FOR CONTROL OF ACCENT LIGHTING BEHIND 3FORM PANELS.

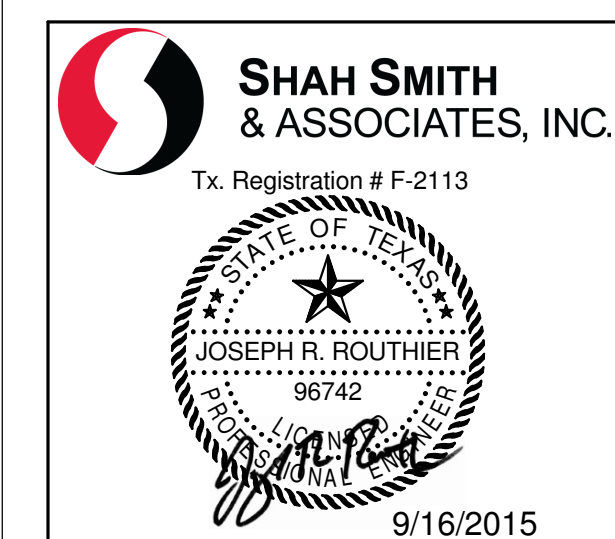


1 SECOND FLOOR LIGHTING PLAN - AREA B  
1/8" = 1'-0"



1/8" = 1'-0"

KEY PLAN PLAN TRUE NORTH NORTH



CLIENT

PBK Architects



PROJECT NUMBER 14265

DATE SEPTEMBER 16, 2015

DRAWN BY FL

CHECKED BY JRR

REVISIONS

No.	Description	Date

ISSUE FOR CONSTRUCTION

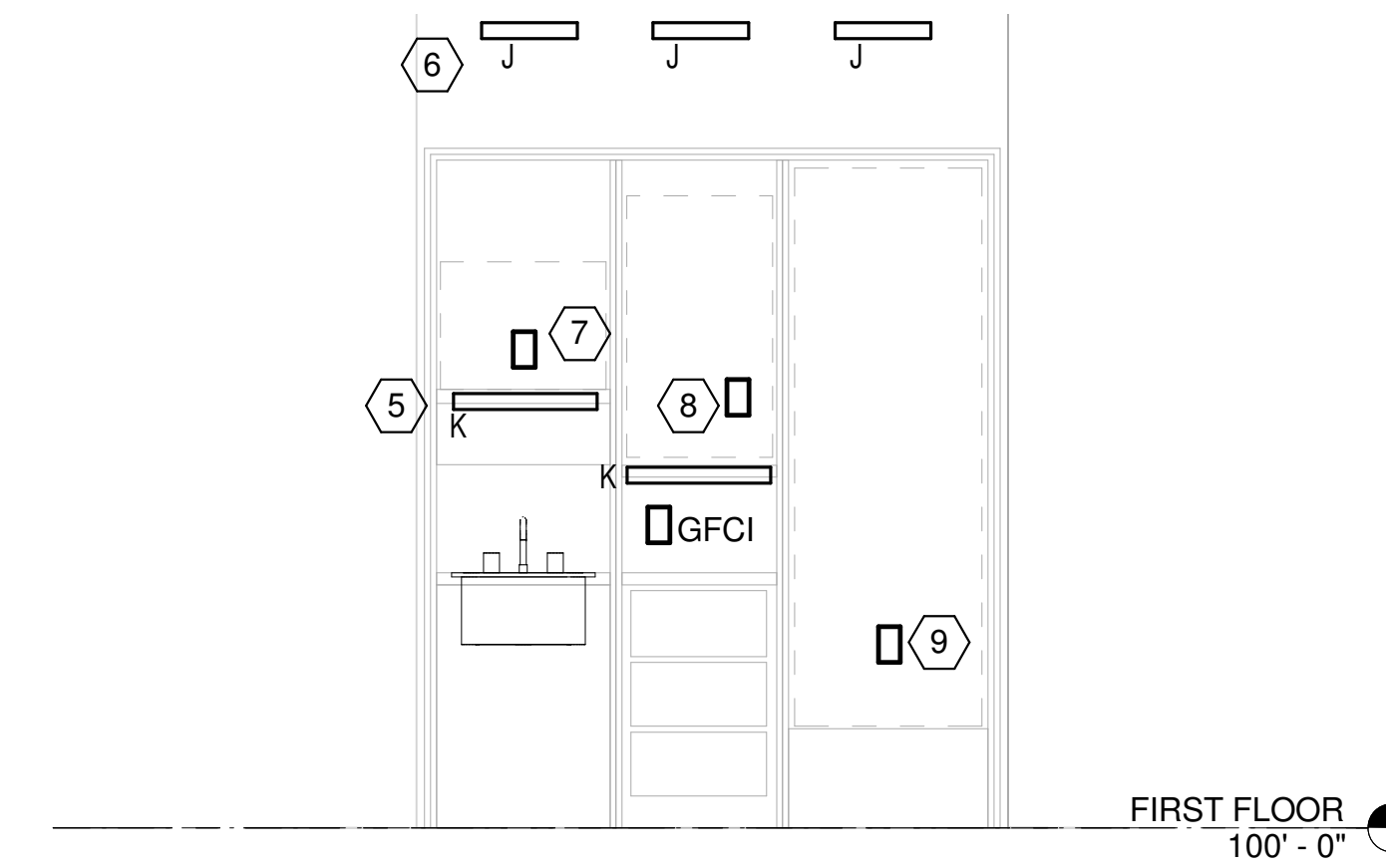
**ELECTRICAL  
LIGHTING PLAN AREA  
2B**

**E-102.2B**

**HARRIS COUNTY  
PSYCHIATRIC CENTER UNIT  
1D AND UNIT 2B  
RENOVATIONS**

**GENERAL NOTES - GE201**

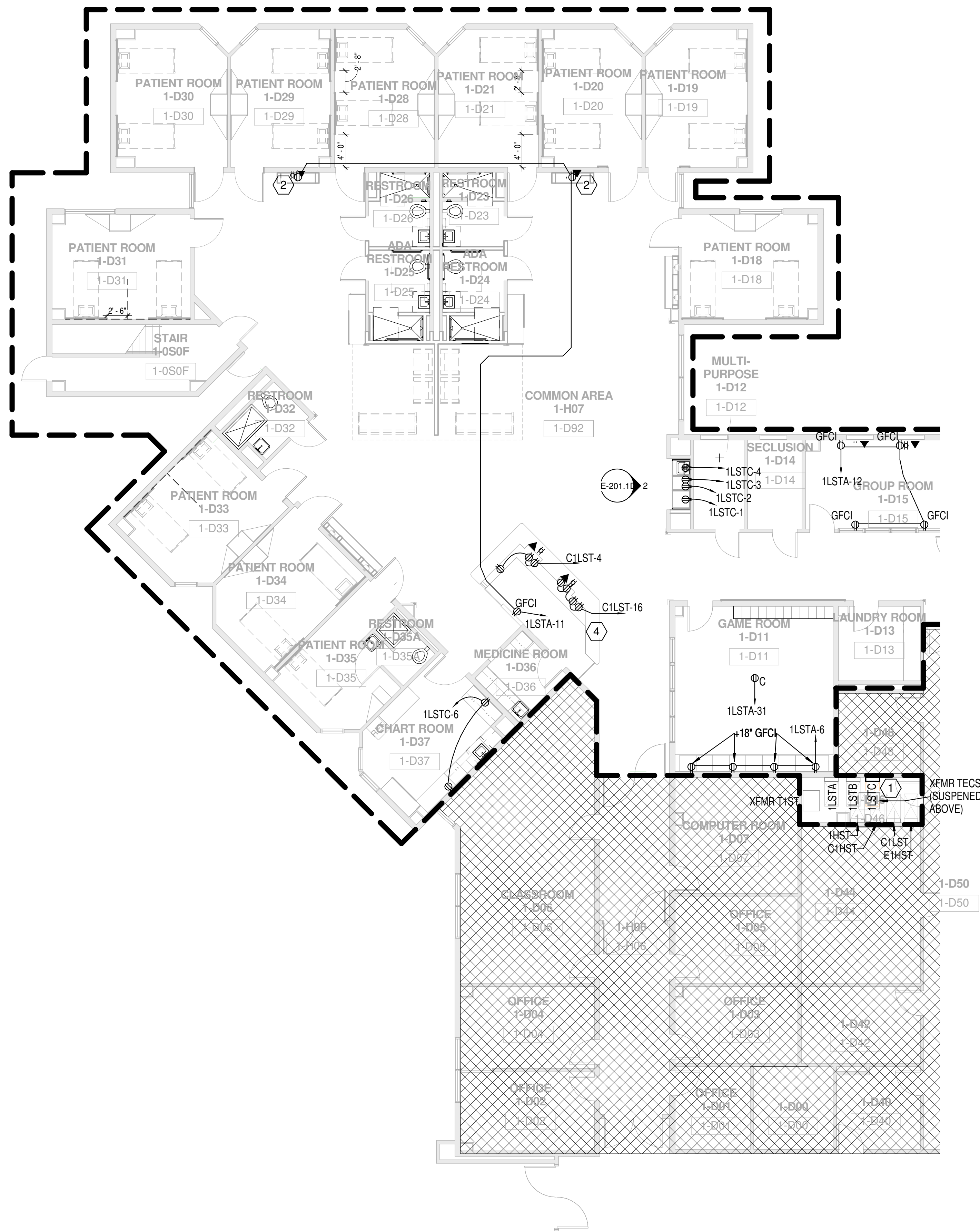
- SEE SHEET E-001 FOR ELECTRICAL LEGEND AND ABBREVIATION.
- REFER TO TELECOM DRAWINGS FOR LOCATION OF TELECOM, SECURITY, A/V OUTLETS, ADDITIONAL POWER, AND OTHER COMMUNICATIONS SYSTEMS DEVICES. COORDINATE WITH COMMUNICATION SUPPLIER FOR LOCATIONS AND REQUIREMENTS.
- FINAL DIMENSIONS OF FLOOR BOX AND POKE-THROUGH LOCATIONS BY ARCH; COORDINATE WITH STRUCTURAL PRIOR TO PENETRATION OF STRUCTURAL SLAB.
- ALL RECEPTACLES ARE MOUNTED 18" UON. VERIFY HEIGHT AND ALIGNMENT OF DEVICES WITH ARCH DRAWINGS. COORDINATE OUTLET/RCPT LOCATIONS WITH MILL WORK, CASEWORK, ETC.
- LOCATE ALL LOCAL DISCONNECT SWITCHES FOR MECHANICAL EQUIPMENT ADJACENT TO, BUT SEPARATE FROM, EQUIPMENT SERVED, PROVIDE SECURELY-ANCHORED METAL FRAMING PER SECTION 260525.
- CONNECT ALL CONTROL POWER TO VV BOXES ON THIS PLAN TO CIRCUIT XXXX. SEE MECHANICAL DRAWINGS FOR LOCATION AND QUANTITIES. PROVIDE MOTOR RATED SNAP SWITCH AT ACCESSIBLE ABOVE CEILING LOCATION, SEPARATE BUT ADJACENT TO VV BOXES.
- CONNECT ALL FIRE/SMOKE AND SMOKE DAMPERS TO CIRCUIT XXXX VIA FIRE ALARM SHUTDOWN RELAY.
- UPDATE PANELBOARD SCHEDULES AT COMPLETION OF PROJECT TO REFLECT FINAL CIRCUIT NUMBERS AND DESCRIPTIONS.



**2 NOURISHMENT STATION ELECTRICAL  
ELEVATION - UNIT 1D**  
1/2" = 1'-0"

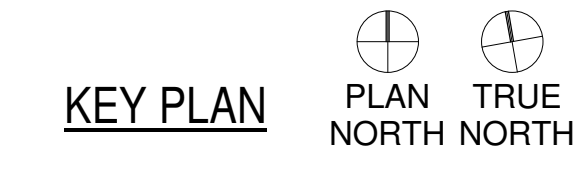
**KEYED NOTES - E-201.1D**

- CONNECT NEW PANEL 1LSTC TO EXISTING 40A/2P CIRCUIT 1LSTA-38,40 WITH 3#8, #10G, 3/4" C
- CONNECT RECEPTACLES IN COMMON AREAS TO LOAD SIDE OF GFCI RECEPTACLE SHOWN AT NURSES STATION TO PROVIDE GFCI PROTECTION TO RECEPTACLES IN COMMON PATIENT AREA.
- SAW CUT EXISTING SLAB TO INSTALL CONDUIT TO NURSE STATION ISLAND FURNITURE. COORDINATE WITH ARCHITECT FOR CUTTING AND PATCHING REQUIREMENTS.
- TYPE K UNDERCABINET LIGHT, TYP
- TYPE J ACCENT LIGHT BEHIND 3FORM PANEL, TYP
- RECEPTACLE FOR MICROWAVE
- RECEPTACLE FOR ICE MAKER
- RECEPTACLE FOR REFRIGERATOR



**1 FIRST FLOOR POWER PLAN - AREA D**  
1/8" = 1'-0"

Branch Panel: 1LSTC											
Location:		1-D46 1-D46		Volts: 120/208 Single		Bus Rating: 100A		Feed Through: Yes			
Supply From:		1LSTA		Phases: 1		MCB: No MCB		Neutral Rating: 100.00%			
Mounting:		Surface		A.I.C. Rating: 10,000		MLO: No					
Enclosure:		NEMA 1									
<b>Notes:</b>											
Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit
2#12, #12G, 3/4" C	1	REFRIGERATOR UNIT 1D	20 A	1	500 VA / 600 VA		1	20 A	ICE MAKER NOURISHMENT STATION	2	2#12, #12G, 3/4" C
2#12, #12G, 3/4" C	3	RECEPTACLES NOURISHMENT STATION	20 A	1		180 VA / 1200 VA	1	20 A	MICROWAVE NOURISHMENT STATION...	4	2#12, #12G, 3/4" C
2#12, #12G, 3/4" C	5	UNDERCABINET LIGHTING NOURISHMENT STATION...	20 A	1	128 VA / 360 VA		1	20 A	RECEPTACLES RM 1-D37	6	2#12, #12G, 3/4" C
--	7	SPACE	--	--		0 VA / 0 VA	--	--	SPACE	8	--
--	9	SPACE	--	--	0 VA / 0 VA		--	--	SPACE	10	--
--	11	SPACE	--	--		0 VA / 0 VA	--	--	SPACE	12	--
--	13	SPACE	--	--	0 VA / 0 VA		--	--	SPACE	14	--
--	15	SPACE	--	--		0 VA / 0 VA	--	--	SPACE	16	--
--	17	SPACE	--	--	0 VA / 0 VA		--	--	SPACE	18	--
--	19	SPACE	--	--		0 VA / 0 VA	--	--	SPACE	20	--
--	21	SPACE	--	--	0 VA / 0 VA		--	--	SPACE	22	--
--	23	SPACE	--	--		0 VA / 0 VA	--	--	SPACE	24	--
--	25	SPACE	--	--	0 VA / 0 VA		--	--	SPACE	26	--
--	27	SPACE	--	--		0 VA / 0 VA	--	--	SPACE	28	--
--	29	SPACE	--	--	0 VA / 0 VA		--	--	SPACE	30	--
		<b>Total Load:</b>		1588 VA		1380 VA					
		<b>Total Amps:</b>		15 A		13 A					



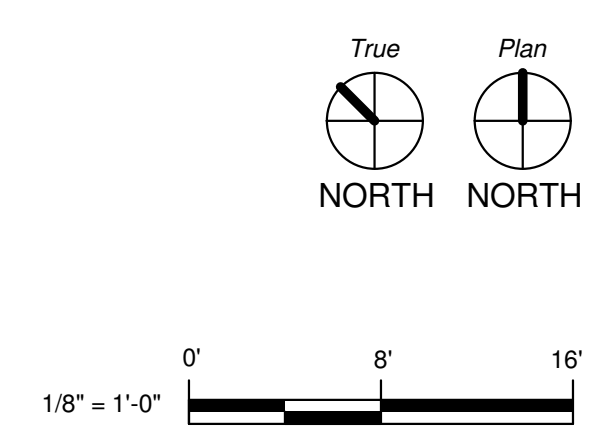
**SHAH SMITH & ASSOCIATES, INC.**  
Tx. Registration # F-2113  
Professional Engineer  
JOSEPH R. ROUTHIER  
96742  
9/16/2015

CLIENT  
**PBK Architects**  
**UTHealth**  
PROJECT NUMBER 14265  
DATE SEPTEMBER 16, 2015  
DRAWN BY FL  
CHECKED BY JRR  
REVISIONS

No.	Description	Date

**ELECTRICAL POWER  
PLAN AREA 1D**

**E-201.1D**



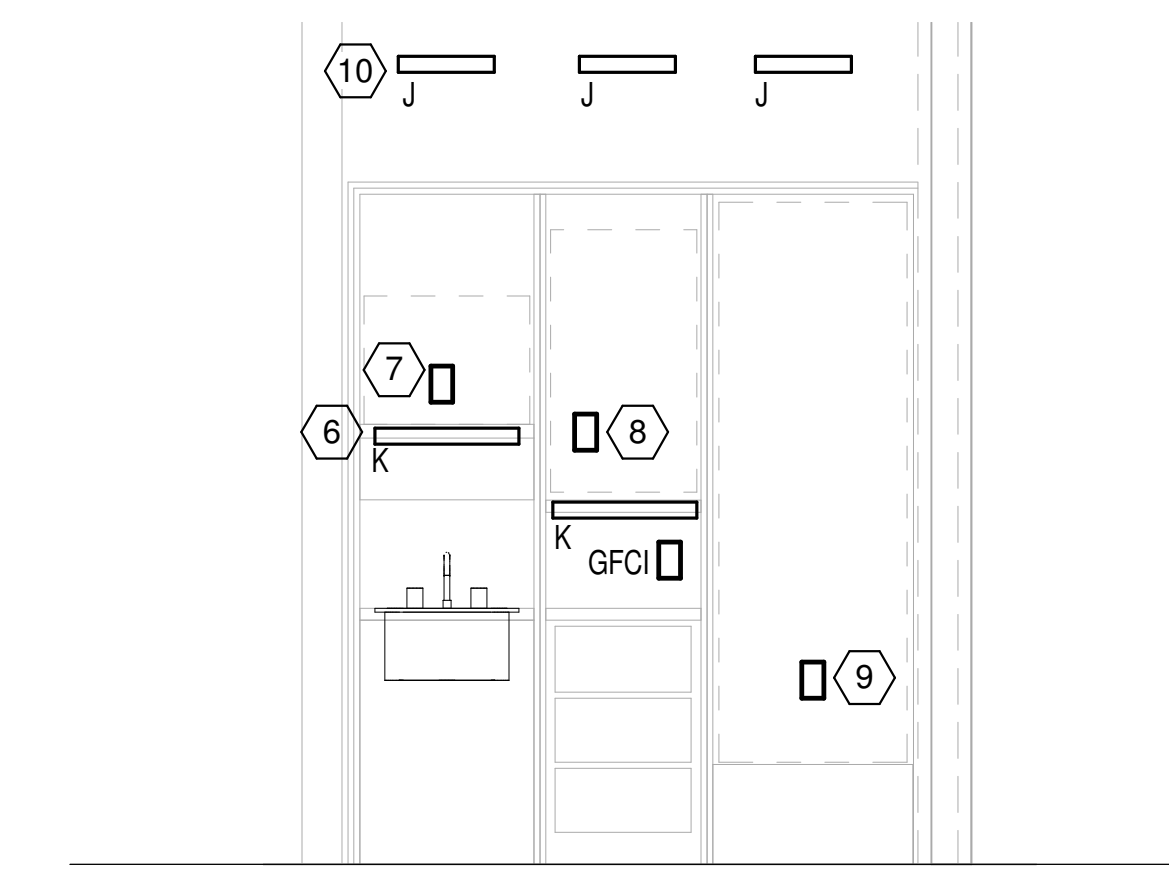
**HARRIS COUNTY  
PSYCHIATRIC CENTER UNIT  
1D AND UNIT 2B  
RENOVATIONS**

**GENERAL NOTES - E-202.2B**

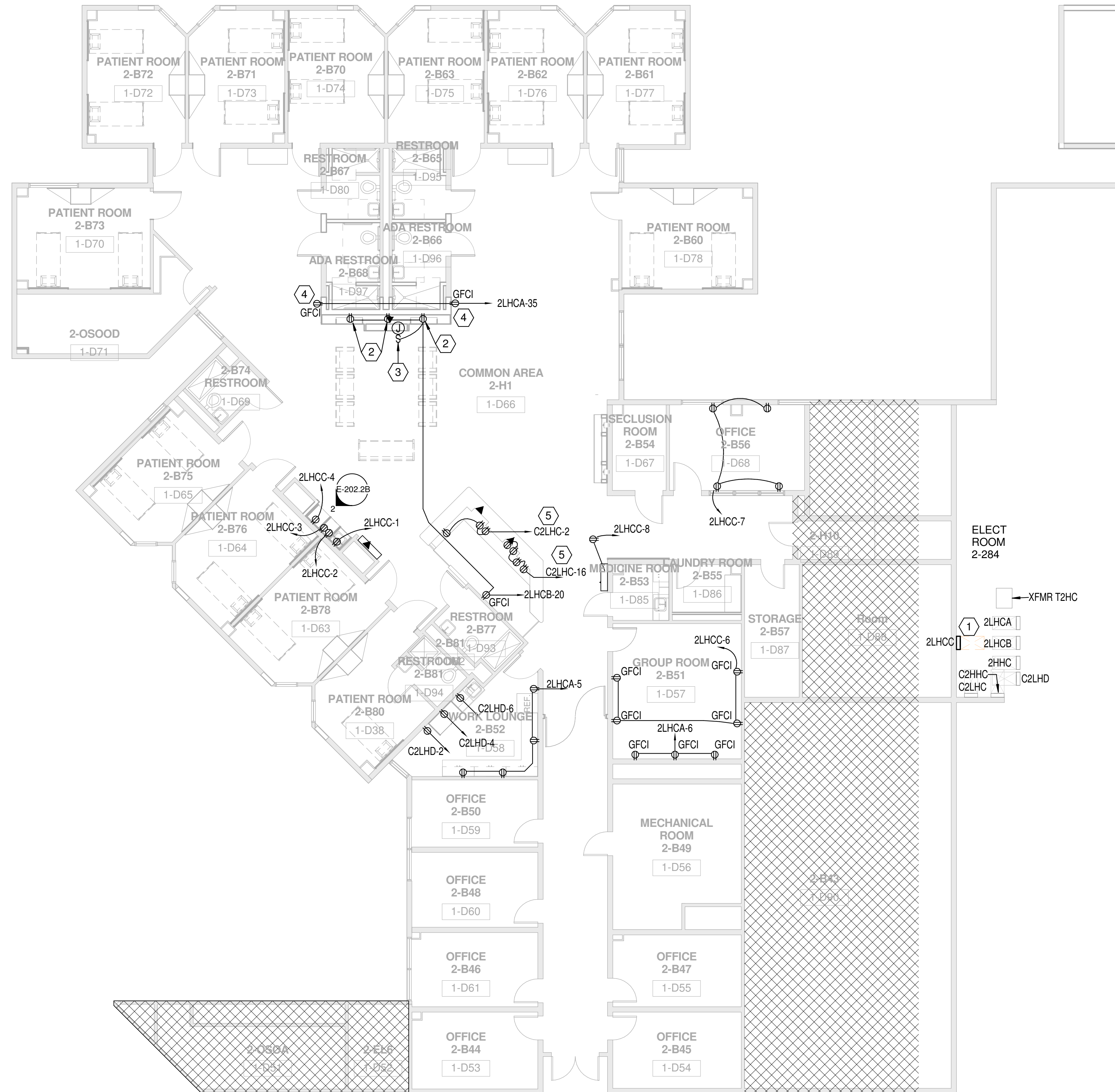
- A. SEE SHEET E-001 FOR ELECTRICAL LEGEND AND ABBREVIATIONS.

**KEYED NOTES - E-202.2B**

- 1 CONNECT NEW PANEL 2LHCC TO EXISTING 40A/2P CIRCUIT 2LHCB-29,31 WITH 3#8, #10G, 3/4" C
- 2 CONNECT RECEPTACLES IN COMMON AREAS TO LOAD SIDE OF GFCI RECEPTACLE SHOWN AT NURSES STATION TO PROVIDE GFCI PROTECTION TO RECEPTACLES IN COMMON PATIENT AREA.
- 3 JUNCTION BOX FOR POWER TO TV MONITOR MOUNT BOX ABOVE CEILING AND HARD WIRE TELEVISION POWER CORD TO BOX. USE APPROPRIATE FLEXIBLE CORD STRAIN RELIEF TERMINATION FOR TV POWER CORD IN BOX PROVIDE SWITCH AS INDICATED FOR LOCAL DISCONNECT OF TV POWER FOR MAINTENANCE.
- 4 RECEPTACLE FOR POWER TO NURSE COMPUTER WORKSTATION. COORDINATE WITH ARCHITECT FOR EXACT LOCATION AND METHOD OF CONNECTION.
- 5 STUB UP CONDUIT FOR NURSE STATION COUNTER FROM BELOW.
- 6 TYPE K UNDERCABINET LIGHT, TYP
- 7 RECEPTACLE FOR MICROWAVE.
- 8 RECEPTACLE FOR REFRIGERATOR.
- 9 TYPE J ACCENT LIGHT BEHIND 3FORM PANEL, TYPICAL.



**NOURISHMENT STATION ELECTRICAL  
ELEVATION - UNIT 2B**  
1/2" = 1'-0"



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

<b>Branch Panel: 2LHCC</b>			
Location:	Volts: 120/208 Single	Bus Rating: 100A	Feed Through: Yes
Supply From: 2LHCB	Phases: 1	MCB: No MCB	Neutral Rating: 100.00%
Mounting: Surface	A.I.C. Rating: 10,000	MLO: No	
Enclosure: NEMA 1			

**Notes:**

Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit
2#12, #12G, 3/4" C	1	MICROWAVE NOURISHMENT STATION...	20 A	1	1200 VA / 600 VA		1	20 A	ICE MAKER NOURISHMENT STATION UNIT 2B	2	2#12, #12G, 3/4" C
2#12, #12G, 3/4" C	3	RECEPTACLE NOURISHMENT STATION...	20 A	1		180 VA / 500 VA	1	20 A	REFRIGERATOR NOURISHMENT STATION...	4	2#12, #12G, 3/4" C
2#12, #12G, 3/4" C	5	UNDERCABINET LIGHTING NOURISHMENT STATION...	20 A	1	0 VA / 720 VA		1	20 A	RECEPTACLES RM 2-B51	6	2#12, #12G, 3/4" C
2#12, #12G, 3/4" C	7	RECEPTACLES RM 2-B56	20 A	1		720 VA / 180 VA	1	20 A	RECEPTACLE RM 2-H1	8	2#12, #12G, 3/4" C
--	9	SPACE	--	--	0 VA / 0 VA		--	--	SPACE	10	--
--	11	SPACE	--	--	0 VA / 0 VA		--	--	SPACE	12	--
--	13	SPACE	--	--	0 VA / 0 VA		--	--	SPACE	14	--
--	15	SPACE	--	--	0 VA / 0 VA		--	--	SPACE	16	--
--	17	SPACE	--	--	0 VA / 0 VA		--	--	SPACE	18	--
--	19	SPACE	--	--	0 VA / 0 VA		--	--	SPACE	20	--
--	21	SPACE	--	--	0 VA / 0 VA		--	--	SPACE	22	--
--	23	SPACE	--	--	0 VA / 0 VA		--	--	SPACE	24	--
--	25	SPACE	--	--	0 VA / 0 VA		--	--	SPACE	26	--
--	27	SPACE	--	--	0 VA / 0 VA		--	--	SPACE	28	--
--	29	SPACE	--	--	0 VA / 0 VA		--	--	SPACE	30	--
					<b>Total Load:</b> 2520 VA	1580 VA					
					<b>Total Amps:</b> 23 A	15 A					

**Notes:**



**SHAH SMITH & ASSOCIATES, INC.**  
Tx. Registration # F-2113  
Professional Seal of Joseph R. Routhier, Registered Professional Engineer, No. 96742, State of Texas.  
9/16/2015

CLIENT  
**PBK Architects**

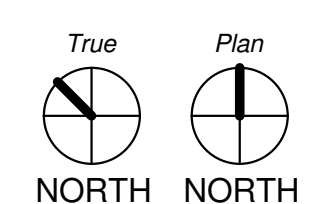


PROJECT NUMBER 14266  
DATE SEPTEMBER 16, 2015  
DRAWN BY FL  
CHECKED BY JRR  
REVISIONS

No.	Description	Date

ISSUE FOR CONSTRUCTION  
**ELECTRICAL POWER  
PLAN AREA 2B**

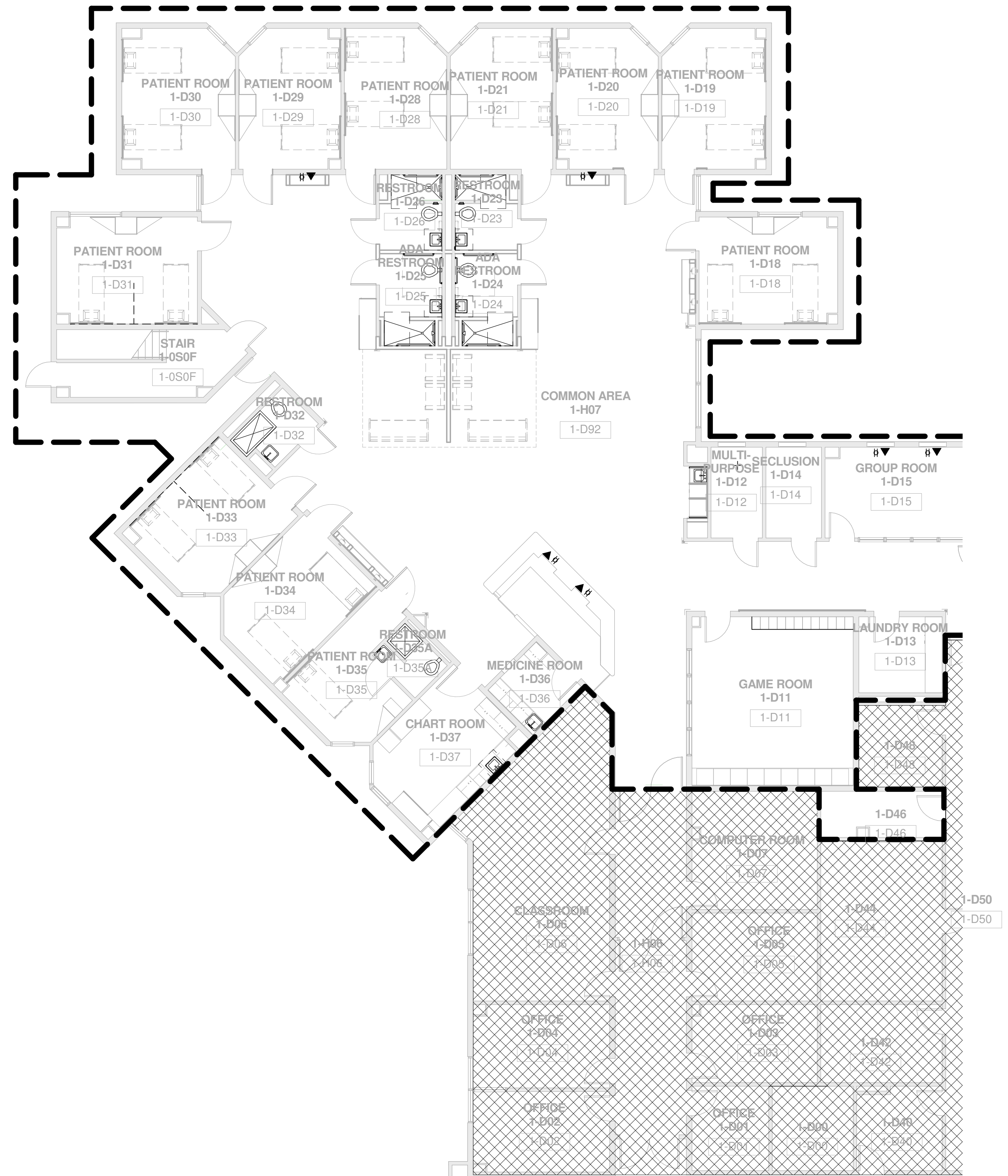
**E-202.2B**



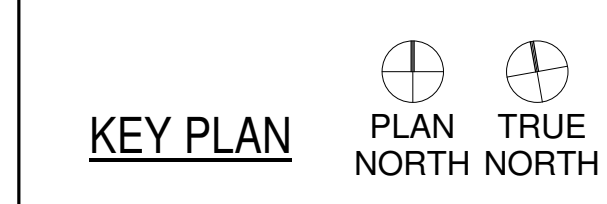
**HARRIS COUNTY  
PSYCHIATRIC CENTER UNIT  
1D AND UNIT 2B  
RENOVATIONS**

**GENERAL NOTES - E-301.1D**

- SEE E-001 FOR ELECTRICAL LEGEND AND ABBREVIATIONS.
- PROVIDE FA SYSTEM COMPONENTS COMPATIBLE WITH EXISTING FIRE ALARM SYSTEM IN THE BUILDING IN COMPLIANCE W/NFPA 72 FIRE ALARM CODE AND NFPA 101 LIFE SAFETY CODE AND SECTION 28 31 00.
- INSTALL FA NOTIFICATION DEVICES IAW NFPA 72. MOUNT VISUAL & COMBINATION NOTIFICATION DEVICES IN CEILING PREFERABLY OR ON WALL WITH ENTIRE LENS BETWEEN 80" & 96" AFF.
- COORD DUCT DETECTOR LOCATIONS W/DIV 23 FOR HVAC DUCTWORK, AHU'S, FCU'S & FSD'S AS APPLICABLE. PLACE DUCT DETECTOR IN STRAIGHT DUCT WITHIN 5-FEET OF FSD. WHERE POSSIBLE, PLACE DUCT DETECTORS IN UPSTREAM AIRFLOW SIDE OF FSD. SEE MECHANICAL SHEETS & DETAILS FOR HVAC DUCTWORK & EQUIPMENT LOCATIONS.
- COORD DETECTORS & DEVICE LOCATIONS IN FINISHED SPACES WITH ARCH REFLECTED CEILING PLAN (RCP). RELOCATE FA DETECTORS & DEVICES TO RESOLVE INTERFERENCE & CONFLICTS. FINAL LOCATION SHALL CONFORM TO NFPA 72 AND UL REQUIREMENTS.
- ALIGN FIRE ALARM ZONES TO SMOKE COMPARTMENTS PER NFPA REQUIREMENTS.



**1 FIRST FLOOR FIRE ALARM PLAN - AREA D**  
1/8" = 1'-0"



**SHAH SMITH & ASSOCIATES, INC.**  
Tx. Registration # F-2113  
  
9/16/2015

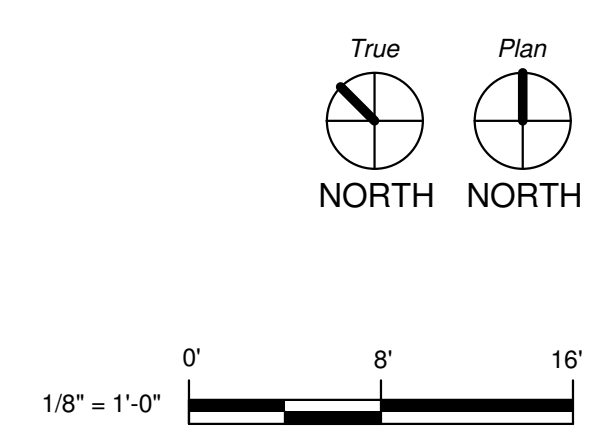
CLIENT  
**PBK Architects**

**UTHealth**

PROJECT NUMBER	14265	
DATE	SEPTEMBER 16, 2015	
DRAWN BY	FL	
CHECKED BY	JRR	
REVISIONS		
No.	Description	Date

ISSUE FOR CONSTRUCTION  
**ELECTRICAL FIRE ALARM PLAN AREA 1D**

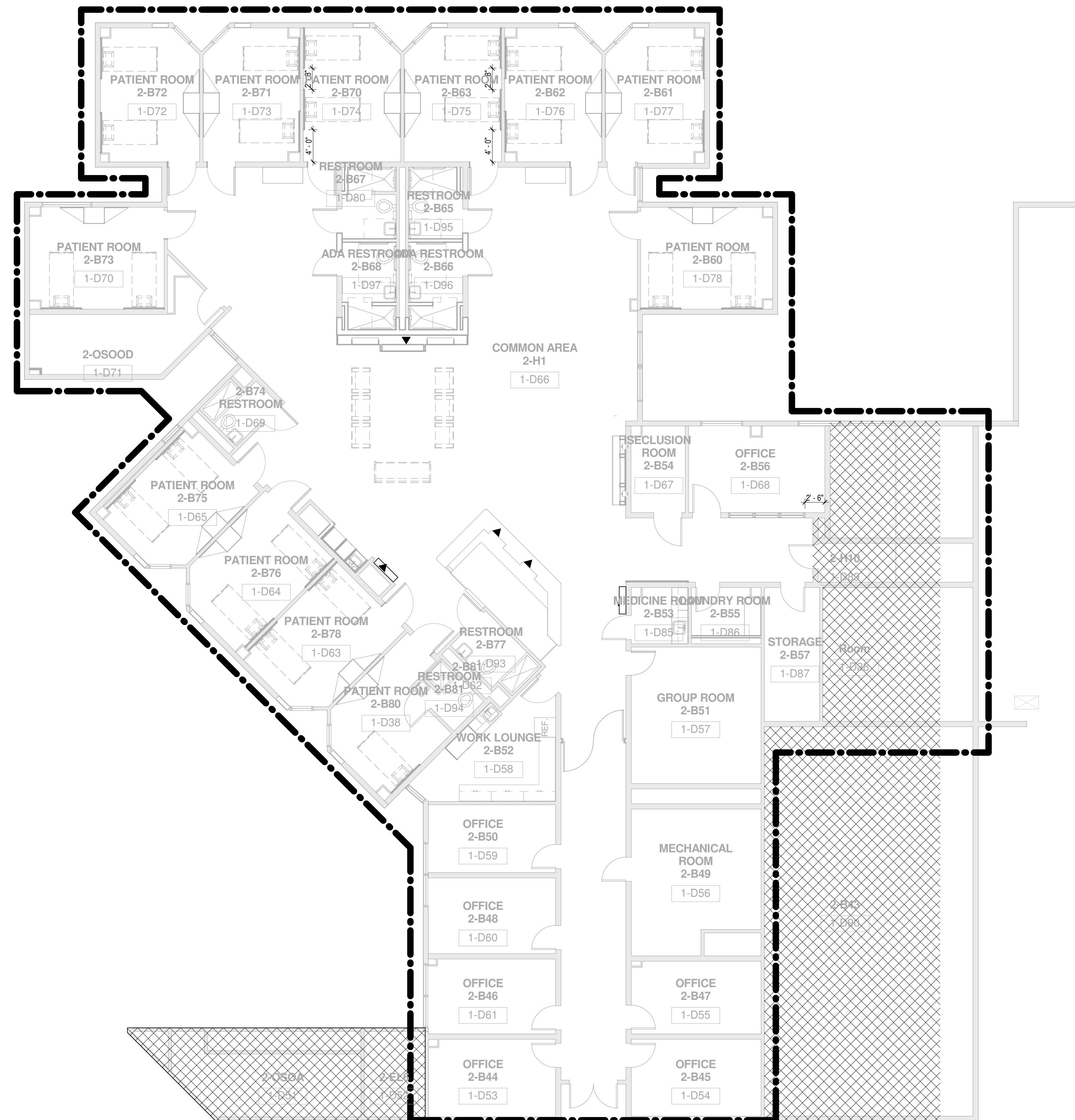
**E-301.1D**



**HARRIS COUNTY  
PSYCHIATRIC CENTER UNIT  
1D AND UNIT 2B  
RENOVATIONS**

**GENERAL NOTES - E-303.2B**

- A. SEE E-001 FOR ELECTRICAL LEGEND AND ABBREVIATIONS.
- B. PROVIDE FA SYSTEM COMPONENTS COMPATIBLE WITH EXISTING FIRE ALARM SYSTEM IN THE BUILDING IN COMPLIANCE WITH NFPA 72 FIRE ALARM CODE AND NFPA 101 LIFE SAFETY CODE AND SECTION 28.31.00.
- C. INSTALL FA NOTIFICATION DEVICES IAW NFPA 72. MOUNT VISUAL & COMBINATION NOTIFICATION DEVICES IN CEILING PREFERABLY OR ON WALL WITH ENTIRE LENS BETWEEN 80" & 96" AFF.
- D. COORD DUCT DETECTOR LOCATIONS W/DIV 23 FOR HVAC DUCTWORK, AHU'S, FCU'S & FSD'S AS APPLICABLE. PLACE DUCT DETECTOR IN STRAIGHT DUCT WITHIN 5-FEET OF FSD. WHERE POSSIBLE, PLACE DUCT DETECTORS IN UPSTREAM AIRFLOW SIDE OF FSD. SEE MECHANICAL SHEETS & DETAILS FOR HVAC DUCTWORK & EQUIPMENT LOCATIONS.
- E. COORD DETECTORS & DEVICE LOCATIONS IN FINISHED SPACES WITH ARCH REFLECTED CEILING PLAN (RCP). RELOCATE FA DETECTORS & DEVICES TO RESOLVE INTERFERENCE & CONFLICTS. FINAL LOCATION SHALL CONFORM TO NFPA 72 AND UL REQUIREMENTS.
- F. ALIGN FIRE ALARM ZONES TO SMOKE COMPARTMENTS PER NFPA REQUIREMENTS.



**1 SECOND FLOOR FIRE ALARM PLAN - AREA B**  
1/8" = 1'-0"



**SHAH SMITH & ASSOCIATES, INC.**  
Tx. Registration # F-2113

9/16/2015

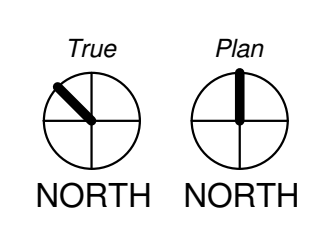
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PBK Architects



PROJECT NUMBER	14265	
DATE	SEPTEMBER 16, 2015	
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CHECKED BY	JRR	
REVISIONS		
No.	Description	Date

ISSUE FOR CONSTRUCTION  
**ELECTRICAL FIRE ALARM PLAN AREA 2B**

**E-302.2B**



**PLUMBING FIXTURE SPECIFICATIONS**

**NUTRITION STATION (NS-1) - REFER TO ARCHITECT DRAWINGS FOR DIMENSIONS**

- SINK: SINGLE COMPARTMENT SINK, ELKAY MODEL LRAD1716, 17" X 16" X 5-1/2" DEEP, ADA COMPLIANT, SELF RIMMING, SINGLE COMPARTMENT SINK, WITH UNDERCOATING, 18-GAGE, TYPE 302 STAINLESS STEEL WITH THREE FAUCET HOLES ON 4 INCH CENTERS.
- FAUCET: ELKAY NO. LK402T4, DECK MOUNTED 4" CENTER INTEGRAL SPOUT, CHROME PLATED BRASS, MANUALLY OPERATED, ADA COMPLIANT, 2 HOLE MOUNTING, 2.2 GPM FLOW, 4" WRISTBLADE HANDLES, QUARTER TURN CERAMIC.
- SUPPLIES: CHICAGO NO. 1006.CP. SUPPLY WITH ESCUTCHEON 1/2" OD X 12" BULLNOSE FLEX SUPPLY RISER, 1/2" NPT FEMALE THREADED INLET & LOOSE KEY ANGLE STOP, CHROME PLATED FINISH, COMPRESSION CONNECTIONS NOT ALLOWED.
- P-TRAP: MCGUIRE NO. 8912, CHROME PLATED 1 1/2" ADJUSTABLE CAST BRASS P-TRAP WITH TUBING TO WALL, GROUND SWIVEL JOINT CLEANOUT PLUG WITH CAST BRASS ESCUTCHEON, ALL CHROME PLATED.
- DRAIN: ELKAY MODEL LK18B WITH ELKAY MODEL LKADOS. TYPE 304 STAINLESS STEEL STRAINER WITH OFFSET TAILPIECE.
- INSULATION KIT: TRUEBRO, FULLY MOLDED CLOSED SELL VINYL, ADA APPROVED INSULATION KIT COMPLETE WITH INTERLOCKING TRAP ASSEMBLY, HOT AND COLD-WATER ANGLE VALVE ASSEMBLY AND FACTORY-SUPPLIED FASTENERS.

**HAND SINK (SK-1)**

- SINK: SINGLE COMPARTMENT SINK, ELKAY MODEL LRAD1720, 17" X 20" X 5-1/2" DEEP, ADA COMPLIANT, SELF RIMMING, SINGLE COMPARTMENT SINK, WITH UNDERCOATING, 18-GAGE, TYPE 302 STAINLESS STEEL WITH THREE FAUCET HOLES ON 4 INCH CENTERS.
- FAUCET: CHICAGO NO. 786-GN8FC, DECK MOUNTED CHROME PLATED BRASS FAUCET, WITH SWING GOOSENECK SPOUT, INLETS ON 8 INCH CENTERS, CHROME PLATED BRASS 4 INCH WRIST BLADE HANDLES, WITH 1/2 INCH INLETS, 1.5 GPM FLOW CONTROL DEVICE, QUARTER TURN CARTRIDGES, AND ADA COMPLIANT.
- SUPPLIES, P-TRAP, DRAIN AND INSULATION KIT: SAME AS NS-1.

**LAVATORY (L-1)**

- BOWL: WALL MOUNTED BATHROOM SINK, AMERICAN STANDARD "MURRO", 22" X 18" X 34" WITH OVERFLOW, WHITE VITREOUS CHINA WITH SINGLE HOLE PLUGGED, ADA COMPLIANT. WITH VITREOUS CHINA SHROUD, 0059.02EC.
- FAUCET: SLOAN MODEL BASYS IR SERIES EFX 800-200-1000 CP SENSOR METERING HANDWASHING FAUCET WALL MOUNTED SET TO 10 SECOND PROGRAMMABLE RUN TIME PER EACH USE. ADA COMPLIANT, 5 GPM FLOW CONTROL, BATTERY OPERATED CHROME FINISH WITH ASSE 1070 THERMOSTATIC MIXING VALVE IN WALL.
- SUPPLIES: CHICAGO NO. 1006.CP. SUPPLY WITH ESCUTCHEON 1/2" OD X 12" BULLNOSE FLEX SUPPLY RISER, 1/2" NPT FEMALE THREADED INLET & LOOSE KEY ANGLE STOP, CHROME PLATED FINISH, COMPRESSION CONNECTIONS NOT ALLOWED.
- P-TRAP: KOHLER K-8998, CHROME PLATED 1 1/2" ADJUSTABLE CAST BRASS P-TRAP WITH TUBING TO WALL, GROUND SWIVEL JOINT CLEANOUT PLUG WITH CAST BRASS ESCUTCHEON, ALL CHROME PLATED AND CONCEALED WITHIN LAVATORY.
- DRAIN: ELKAY MODEL LK18B WITH ELKAY MODEL LKADOS. TYPE 304 STAINLESS STEEL STRAINER WITH OFFSET TAILPIECE.
- INSULATION KIT: TRUEBRO, FULLY MOLDED CLOSED SELL VINYL, ADA APPROVED INSULATION KIT COMPLETE WITH INTERLOCKING TRAP ASSEMBLY, HOT AND COLD-WATER ANGLE VALVE ASSEMBLY AND FACTORY-SUPPLIED FASTENERS.

**WATER CLOSET (WC-1)**

- ZURN Z5647-BWL, FLOOR MOUNTED BACK OUTLET WATER CLOSET WITH BACK SPUD WATER INLET CONNECTION. ELONGATED FLUSH VALVE TOILET, VITREOUS CHINA, 1.28 GPF, SIPHON JET FLUSH, EQUIP WITH CHURCH #9500C OPEN FRONT SEAT, EQUIP WITH CONCEALED MANUAL OPERATED FLUSH VALVE ZURN ZH615AY-HET-MB-WP AQUAVANTAGE WITH HYDRAULIC PUSH BUTTON ACTUATION AT 1.28 GPF, OR APPROVED EQUAL WITH SPUD COUPLING AND FLANGE FOR BACK SPUD CONNECTION WITH WALL PLATE FOR FLUSH VALVE. PROVIDE SLOAN WB-1-A WALL BOX WITH PUSH BUTTON ACTUATOR (HY-33-A).

**SHOWER (SH-1)**

- SHOWER HEAD: MATCH EXISTING SHOWER HEADS INSTALLED IN PATIENT RESTROOMS OF AREA B OF THIS FACILITY FOR NEW SHOWERS. FOR EXISTING SHOWERS TO BE RENOVATED EXISTING SHOWER HEADS ARE TO REMAIN. REFER TO P-100.B1 AND P-200.B1 FOR DEMOLITION AND RENOVATION OF SHOWERS.
- DRAIN: FOR EXISTING SHOWERS TO BE RENOVATED, REUSE EXISTING DRAIN. FOR NEW SHOWERS, PROVIDE Mi-Fab No. F1100C-6-1, CAST IRON FLOOR DRAIN WITH FLASHING COLLAR, SEEPAGE FLANGE, NICKEL BRONZE 6 INCH ROUND ADJUSTABLE STRAINER WITH SQUARE HOLES.
- SHOWER VALVE: SPEAKMAN BEHAVIORAL SAFETY PRODUCTS #SV220. SHOWER VALVE WITH ANTI-LIGATURE HANDLE AND ESCUTCHEON PLATE. ANTI-SCALD PROTECTION CHROME PLATED WITH INTEGRAL STOPS. ADA COMPLIANT.

**ROUGH-IN BOX (RB-1)**

- FURNISH AND INSTALL HOOK-UP BOX, CONSTRUCTED OF 20 GAUGE STEEL, RECESSED PAINTED TO MATCH WALL, WITH 1/2" CHROME PLATED ANGLE VALVE, MANUFACTURED BY GUY GRAY NO. BIM875 OR EQUAL, WITH 5-MICRON CARTRIDGE TYPE FILTER AND HOUSING TO BE INSTALLED BETWEEN ANGLE VALVE AND EQUIPMENT. MOUNT TOP OF BOX AT 15" ABOVE FINISHED FLOOR.

**WASHING MACHINE BOX (WB-1)**

- RECESSED HOOK-UP BOX CONSTRUCTED OF 20 GAUGE STEEL, PAINTED TO MATCH WALL, WITH (2) 1/2" BRASS ANGLE VALVES, MANUFACTURED BY GUY GRAY NO. B 200, OR APPROVED EQUAL.

**PLUMBING LEGEND**

SYMBOL	ABBREV.	DESCRIPTION	SYMBOL	ABBREV.	DESCRIPTION
—SAN—	SAN	SANITARY	— — — —		UNION
- - - - -		VENT	— Φ —		BALL VALVE
.....	DCW	DOMESTIC COLD WATER		AFF	ABOVE FINISHED FLOOR
.....	DHW	DOMESTIC HOT WATER (110°F)		AP	ACCESS PANEL
				FPS	FEET PER SECOND
				GPM	GALLONS PER MINUTE
				WCO	WALL CLEANOUT
				BOP	BOTTOM OF PIPE

**GENERAL NOTES**

- PRIOR TO WORK CONTRACTOR SHALL TIGHTLY COORDINATE PLUMBING WORK WITH OTHER TRADES.
- PROVIDE A UNION DOWNSTREAM FROM EACH THREADED VALVE.
- PROVIDE A SEPARATE P-TRAP AT EACH PLUMBING FIXTURE, UNLESS TRAP IS BUILT INTO FIXTURE.
- REFER TO ARCHITECTURAL DRAWINGS FOR PLUMBING FIXTURE MOUNTING HEIGHTS.
- MAKE ROUGH-IN AND FINAL CONNECTION TO ALL PLUMBING FIXTURES.
- ALL NEW WORK SHALL CONFORM TO THE 2009 EDITION OF THE INTERNATIONAL PLUMBING CODE UNLESS OTHERWISE NOTED OR SHOWN.
- DRAWINGS ARE DIAGRAMMATIC IN NATURE, NOT ALL REQUIRED PIPE ELBOWS, TEES, AND ASSOCIATED FITTINGS ARE SHOWN. CONTRACTOR SHALL PROVIDE A COMPLETE WORKING PLUMBING SYSTEM PER THE SPECIFICATIONS AND PLUMBING CODE.
- FIRE PROTECTION PIPING SHALL BE COORDINATED AROUND OTHER TRADES, SUCH AS PLUMBING, HVAC AND ELECTRICAL.
- A SUPERVISORY SWITCH (TAMPER SWITCH) SHALL BE PROVIDED ON EACH VALVE USED FOR CONTROLLING THE FIRE PROTECTION SYSTEM FOR THE STANDPIPE AND SPRINKLER SYSTEM, AS SPECIFIED.
- CONTRACTOR SHALL OBTAIN ARCHITECT/ENGINEER APPROVAL FOR ALL ACCESS PANEL LOCATIONS.
- PROVIDE AN ISOLATION VALVE FOR EACH SINGLE PLUMBING FIXTURE, OR WHERE FIXTURES ARE GROUPED ONE VALVE PER GROUP, REFER TO FLOOR PLANS.

**PLUMBING PIPE MATERIALS SPECIFICATION**

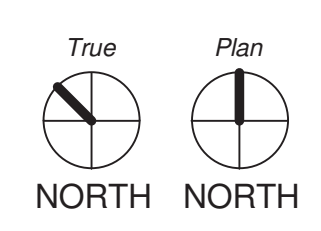
NOTE: REFER TO DIVISION 22 SPECIFICATIONS FOR MORE DETAILED SPECIFICATIONS OF PIPE AND FITTINGS.

SERVICE	PIPE	FITTING
EQUIPMENT DRAINS AND OVERFLOWS	TYPE "L" HARD DRAWN COPPER (ASTM B88)	SOLDERED (95-5) WROUGHT COPPER, ANSI B16.22.
SANITARY DRAINAGE AND VENT ABOVE GRADE INCLUDING CRAWL SPACE	SERVICE WEIGHT CAST IRON, CISPI 301	SERVICE WEIGHT DWV NO-HUB FITTINGS. HEAVY WEIGHT NO-HUB, 4-BAND COUPLINGS FOR SIZES 4" & LESS AND 6-BAND COUPLINGS FOR PIPES SIZES OVER 4". CONFORMING TO CISPI 310 MANUF. BY ANACO "HUSKEY" 2000, MIFAB MI-XHUB OR CLAMP-ALL 125. NO-HUB CISPI 310 COUPLINGS. ALL COUPLINGS WITH STAINLESS STEEL BANDS AND NEOPRENE GASKETS
SANITARY DRAINAGE AND VENT BELOW GRADE	SERVICE WEIGHT CAST IRON, CISPI 301	SERVICE WEIGHT BELL & SPIGOT DWV FITTINGS WITH NEOPRENE GASKETS, ASTM C564.
DOMESTIC WATER, ABOVE GRADE	TYPE "L" HARD DRAWN COPPER (ASTM B88)	ANSI B16.22 WROUGHT COPPER WITH 95-5 SOLDER LEAD-FREE JOINTS, ASTM B32.

UNIONS: CLASS 150, 300 POUND WATER-OIL-GAS SERVICE BRONZE. UNION WITH GROUND JOINT AND BRASS SEAT, ANSI B16.39.

**DRAWING LIST INFORMATION - PLUMBING**

Sheet Number	Sheet Name	Current Revision	Current Revision Date	Current Revision Description
FP-101.1D	FIRE PROTECTION FIRST FLOOR AREA D			
FP-102.2B	FIRE PROTECTION SECOND FLOOR AREA B			
P-001	PLUMBING LEGEND, GENERAL NOTES AND SPECIFICATIONS			
P-101.1D	PLUMBING DEMOLITION FIRST FLOOR AREA D			
P-102.2B	PLUMBING DEMOLITION SECOND FLOOR AREA B			
P-201.1D	PLUMBING RENOVATION FIRST FLOOR AREA D			
P-202.2B	PLUMBING RENOVATION SECOND FLOOR AREA B			
P-800	PLUMBING DETAILS			



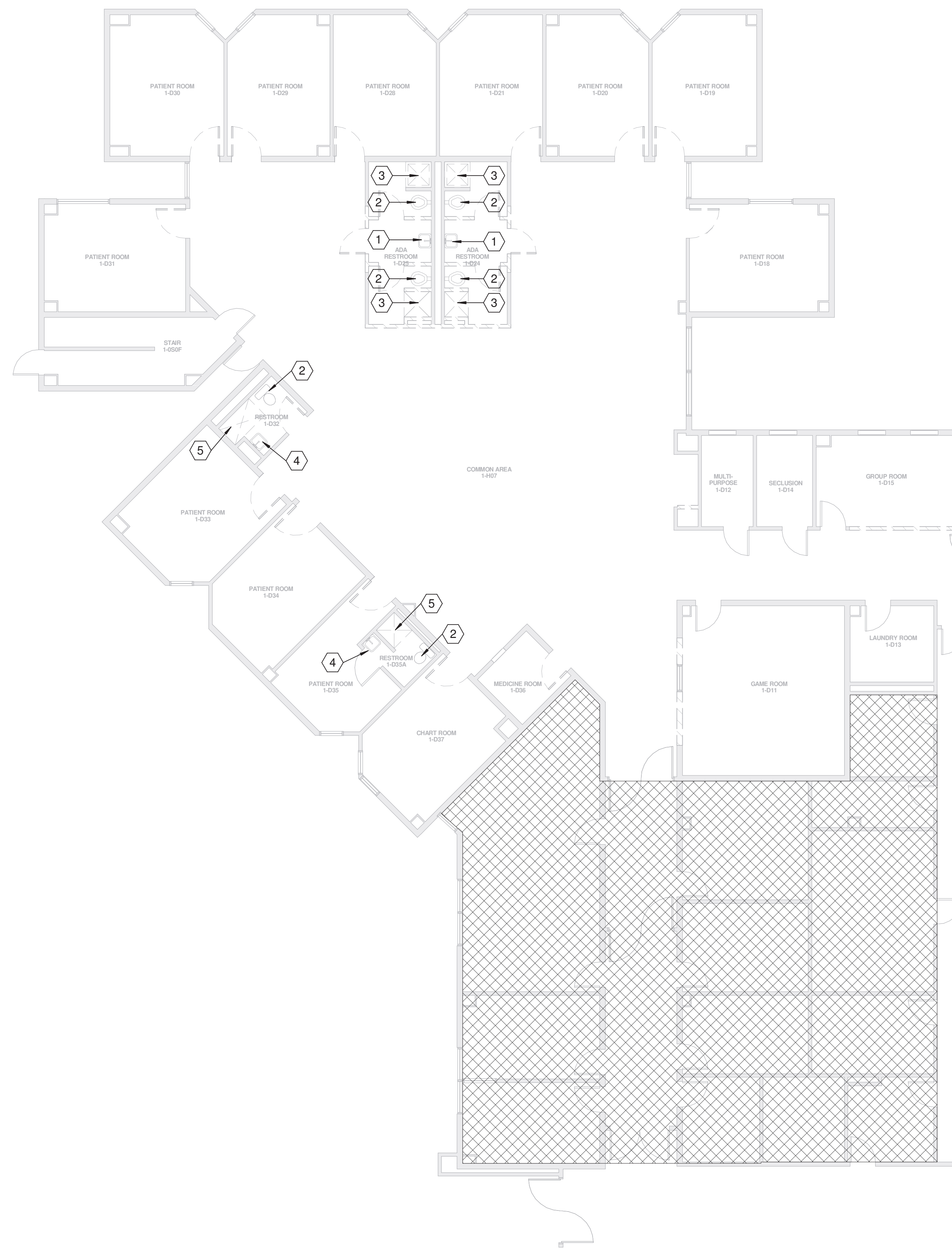
## HARRIS COUNTY PSYCHIATRIC CENTER UNIT 1D AND UNIT 2B RENOVATIONS

### GENERAL NOTES

- PLUMBING ITEMS SHOWN LIGHT ARE EXISTING TO REMAIN. ITEMS SHOWN BOLD ARE TO BE REMOVED.
- FIELD VERIFY EXISTING CONDITIONS PRIOR TO WORK.
- COORDINATE DOWNTIME OF SYSTEMS WITH OWNER PRIOR TO WORK.

### KEYED NOTES - P-101.1D

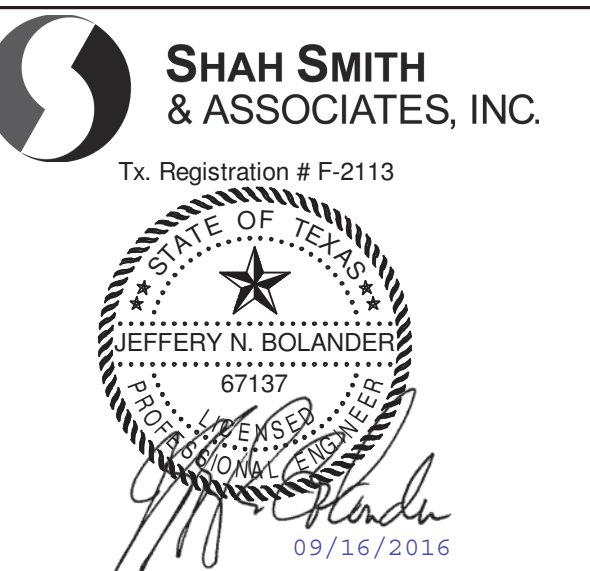
- REMOVE EXISTING LAVATORY AND LAVATORY TRIM AND ASSOCIATED PLUMBING. CAP SANITARY LINE AND WATER PIPING AND CONCEAL IN WALL.
- REMOVE EXISTING FLOOR MOUNTED WATER CLOSET. CAP SANITARY WASTE BELOW SLAB AND FILL VOID IN FLOOR WITH CONCRETE. MATCH EXISTING SLAB THICKNESS AND FINISH. REFER TO RENOVATION DRAWING P201.B2 FOR NEW WATER CLOSET WITH WALL OUTLET.
- REMOVE EXISTING BATH TUB/SHOWER. REMOVE DCW AND DHW PIPING AND CAP ABOVE CEILING.
- REMOVE EXISTING LAVATORY AND ASSOCIATED TRIM. EXISTING DCW AND SANITARY/VENT ARE TO REMAIN FOR CONNECTION TO NEW FIXTURE. REFER TO RENOVATION DRAWINGS.
- REMOVE EXISTING BATH TUB/SHOWER. EXISTING DCW AND SANITARY/VENT ARE TO REMAIN FOR CONNECTION TO NEW FIXTURE. REFER TO RENOVATION DRAWINGS.



**PLUMBING DEMOLITION FIRST FLOOR AREA D**

1/8" = 1'-0"

KEY PLAN PLAN TRUE NORTH NORTH



CLIENT



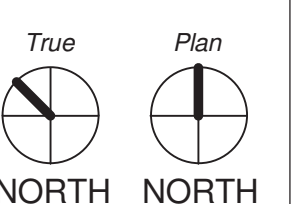
PROJECT NUMBER 14265  
DATE SEPTEMBER 16, 2015  
DRAWN BY CJH  
CHECKED BY CMH  
REVISIONS

No.	Description	Date

ISSUE FOR CONSTRUCTION

### PLUMBING DEMOLITION FIRST FLOOR AREA D

P-101.1D



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





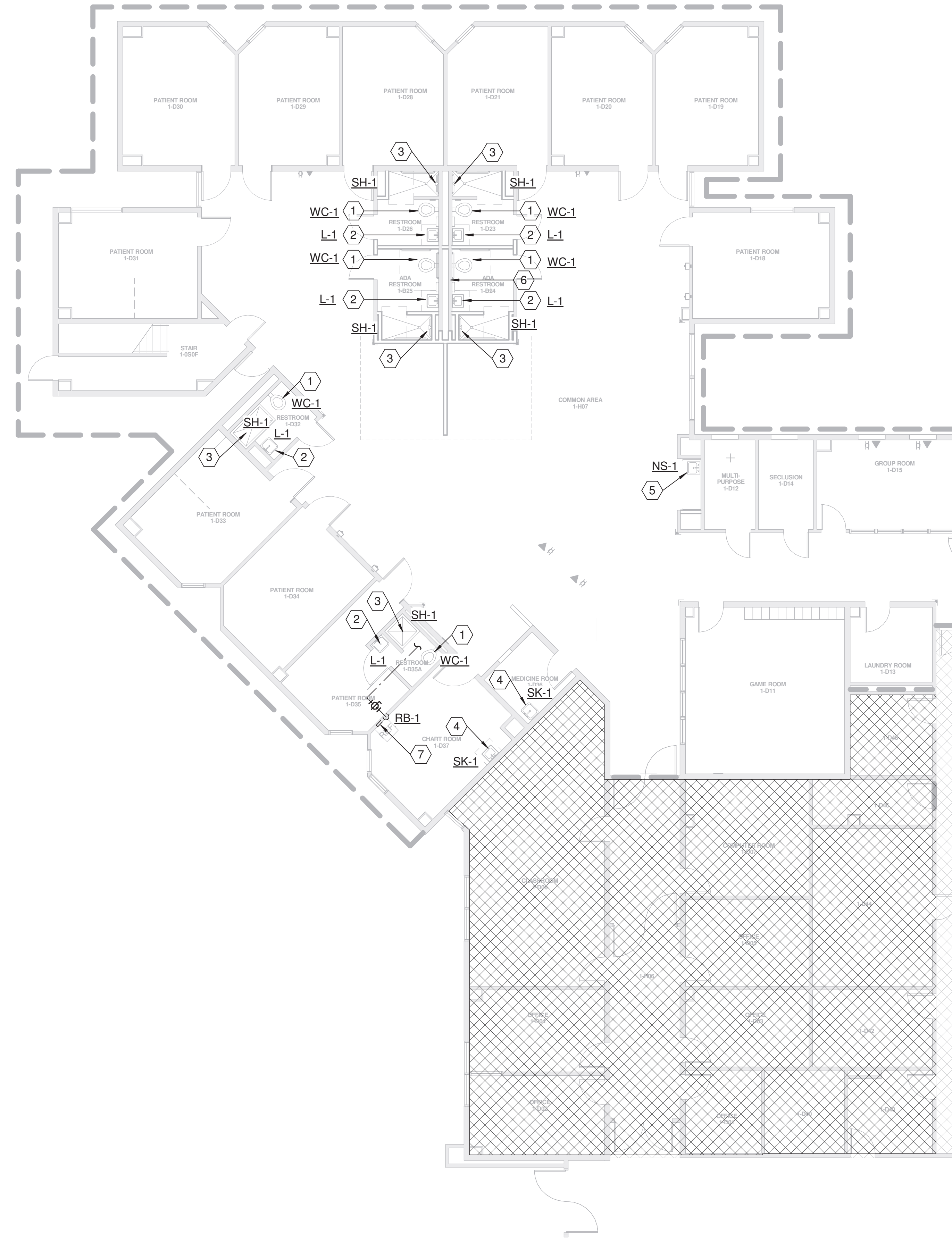
**HARRIS COUNTY  
PSYCHIATRIC CENTER UNIT  
1D AND UNIT 2B  
RENOVATIONS**

**GENERAL NOTES**

- A. PLUMBING ITEMS SHOWN LIGHT ARE EXISTING TO REMAIN. ITEMS SHOWN BOLD ARE TO BE REMOVED.
- B. FIELD VERIFY EXISTING CONDITIONS PRIOR TO WORK.
- C. COORDINATE DOWNTIME OF SYSTEMS WITH OWNER PRIOR TO WORK.

**KEYED NOTES - P-201.1D**

- 1 REWORK EXISTING WASTE AND VENT PIPING TO CONNECT TO NEW WATER CLOSET WITH BACK OUTLET. CONNECT 1 1/4" DCW TO EXISTING DCW IN WALL. 4" WASTE TRHU WALL AND DOWN TO EXISTING SANITARY LINE.
- 2 PROVIDE NEW LAVATORY WITH WALL MOUNTED SENSOR FAUCET. CONNECT 1/2" DCW AND DHW TO EXISTING DCW AND DHW. CONNECT TO EXISTING WASTE AND VENT IN WALL.
- 3 PROVIDE 1/2" DCW AND 1/2" DHW TO NEW SHOWER. 2" WASTE WITH P-TRAP FROM FLOOR DRAIN AND CONNECT TO EXISTING SANITARY BELOW SLAB.
- 4 PROVIDE NEW HAND SINK AND CONNECT TO EXISTING DCW, DHW AND SANITARY.
- 5 PROVIDE NEW NOURISHMENT STATION SINK AND CONNECT TO EXISTING DCW, DHW AND SANITARY. PROVIDE NEW 3/4" DCW TO ICE MACHINE WITH IN-LINE 5 MICRON FILTER AND ROUTE FULL SIZED DRAIN LINE FROM ICE MACHINE TO HUB DRAIN BELOW CABINETRY. CONNECT 2" WASTE FROM HUB DRAIN TO EXISTING SANITARY AND VENT LINES IN WALL.
- 6 EXISTING SANITARY AND VENT STACK TO REMAIN. PROVIDE NEW CLEANOUT ON EXISTING STACK. PROVIDE WALL ACCESS PANEL TO ACCESS CLEANOUT. FIELD VERIFY EXACT LOCATION OF STACK.
- 7 PROVIDE NEW HAND SINK AND CONNECT TO EXISTING DCW, DHW AND SANITARY.



**PLUMBING RENOVATION FIRST FLOOR AREA D**  
1/8" = 1'-0"



**SHAH SMITH & ASSOCIATES, INC.**  
Tx. Registration # F-2113

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**UTHealth**

PROJECT NUMBER 14265  
DATE SEPTEMBER 16, 2015  
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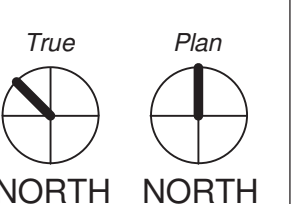
REVISIONS

No.	Description	Date

ISSUE FOR CONSTRUCTION

**PLUMBING RENOVATION FIRST FLOOR AREA D**

**P-201.1D**



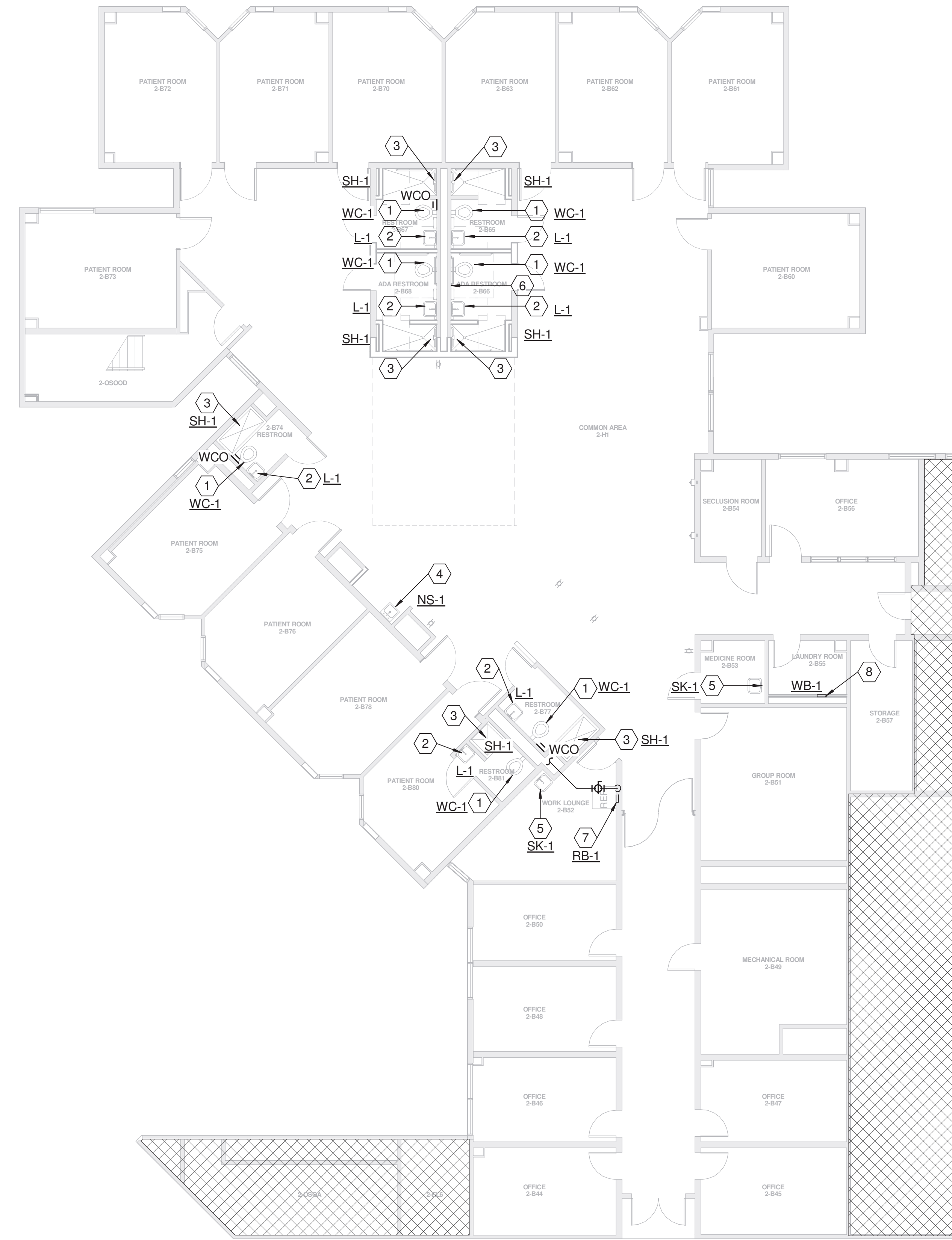
**HARRIS COUNTY  
PSYCHIATRIC CENTER UNIT  
1D AND UNIT 2B  
RENOVATIONS**

**GENERAL NOTES**

- A. PLUMBING ITEMS SHOWN LIGHT ARE EXISTING TO REMAIN. ITEMS SHOWN BOLD ARE TO BE REMOVED.
- B. FIELD VERIFY EXISTING CONDITIONS PRIOR TO WORK.
- C. COORDINATE DOWNTIME OF SYSTEMS WITH OWNER PRIOR TO WORK.

**KEYED NOTES - P-202.2B**

- 1 REWORK EXISTING WASTE AND VENT PIPING TO CONNECT TO NEW WATER CLOSET WITH BACK OUTLET. CONNECT 1 1/4" DCW TO EXISTING DCW IN WALL. 4" WASTE TRHU WALL AND DOWN TO EXISTING SANITARY LINE.
- 2 PROVIDE NEW LAVATORY WITH WALL MOUNTED SENSOR FAUCET. CONNECT 1/2" DCW AND DHW TO EXISTING DCW AND DHW. CONNECT TO EXISTING WASTE AND VENT IN WALL.
- 3 PROVIDE 1/2" DCW AND 1/2" DHW TO NEW SHOWER. 2" WASTE WITH P-TRAP FROM FLOOR DRAIN AND CONNECT TO EXISTING SANITARY BELOW SLAB.
- 4 PROVIDE NEW NOURISHMENT STATION SINK AND CONNECT TO EXISTING DCW, DHW AND SANITARY. PROVIDE NEW 3/4" DCW TO ICE MACHINE WITH IN-LINE 5 MICRON FILTER AND ROUTE FULL SIZED DRAIN LINE FROM ICE MACHINE TO HUB DRAIN BELOW CABINETRY. CONNECT 2" WASTE FROM HUB DRAIN TO EXISTING SANITARY AND VENT LINES IN WALL.
- 5 PROVIDE NEW HAND SINK AND CONNECT TO EXISTING DCW, DHW AND SANITARY.
- 6 EXISTING SANITARY AND VENT STACK TO REMAIN. PROVIDE NEW CLEANOUT ON EXISTING SANITARY STACK. PROVIDE WALL ACCESS PANEL TO ACCESS CLEANOUT. FIELD VERIFY EXACT LOCATION OF STACK.
- 7 3/4" DCW DOWN TO NEW ROUGH-IN BOX BEHIND REFRIGERATOR.
- 8 PROVIDE NEW WALL BOX (WB-1) AND CONNECT TO EXISTING DCW/DHW AND SANITARY WASTE AND VENT.

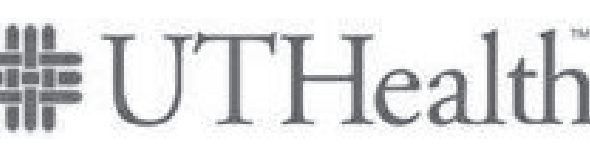


**PLUMBING RENOVATION SECOND FLOOR AREA B**  
1  
1/8" = 1'-0"

KEY PLAN PLAN TRUE NORTH NORTH



CLIENT



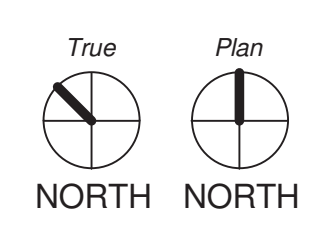
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No.	Description	Date

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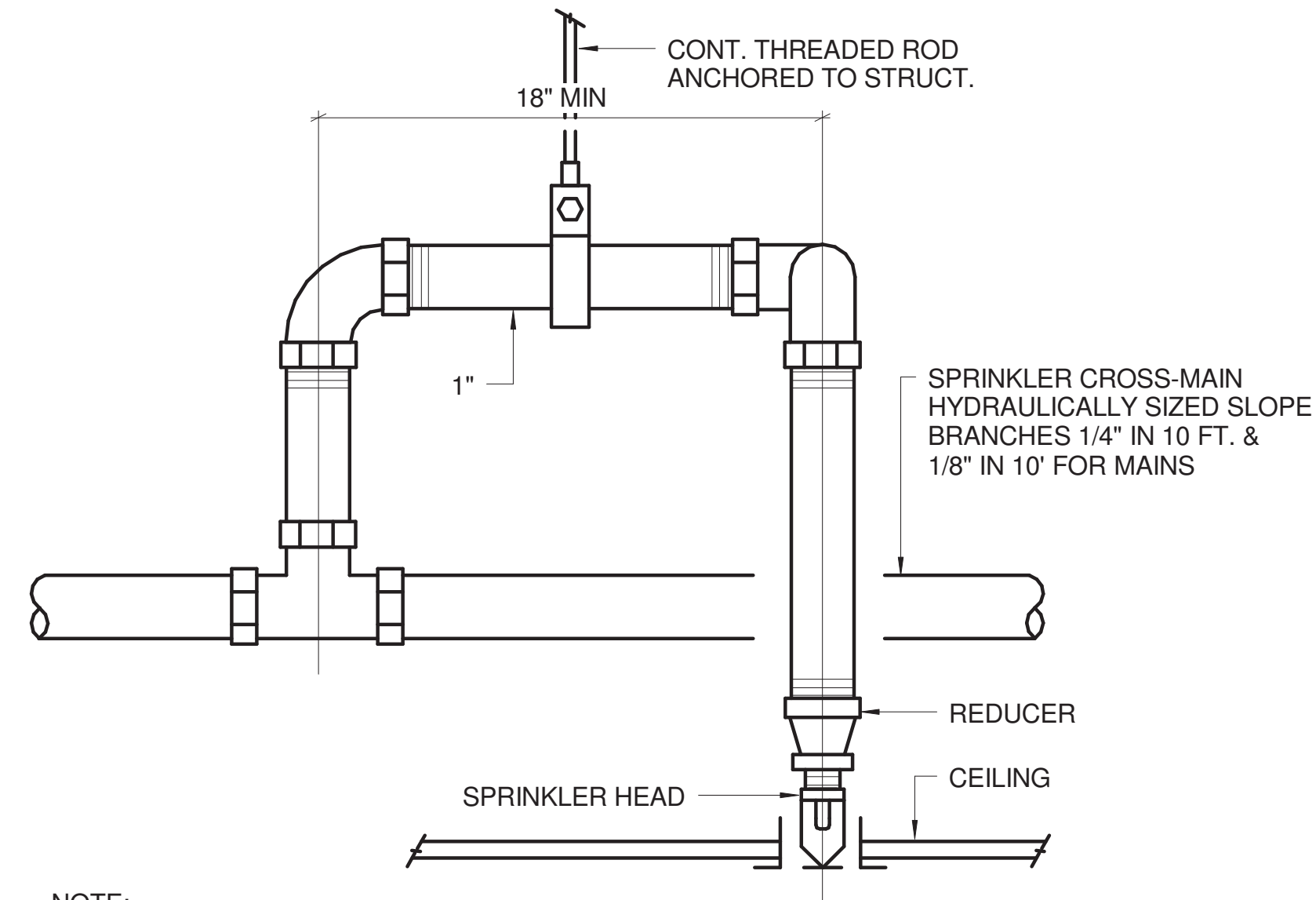
**PLUMBING RENOVATION SECOND FLOOR AREA B**

**P-202.2B**



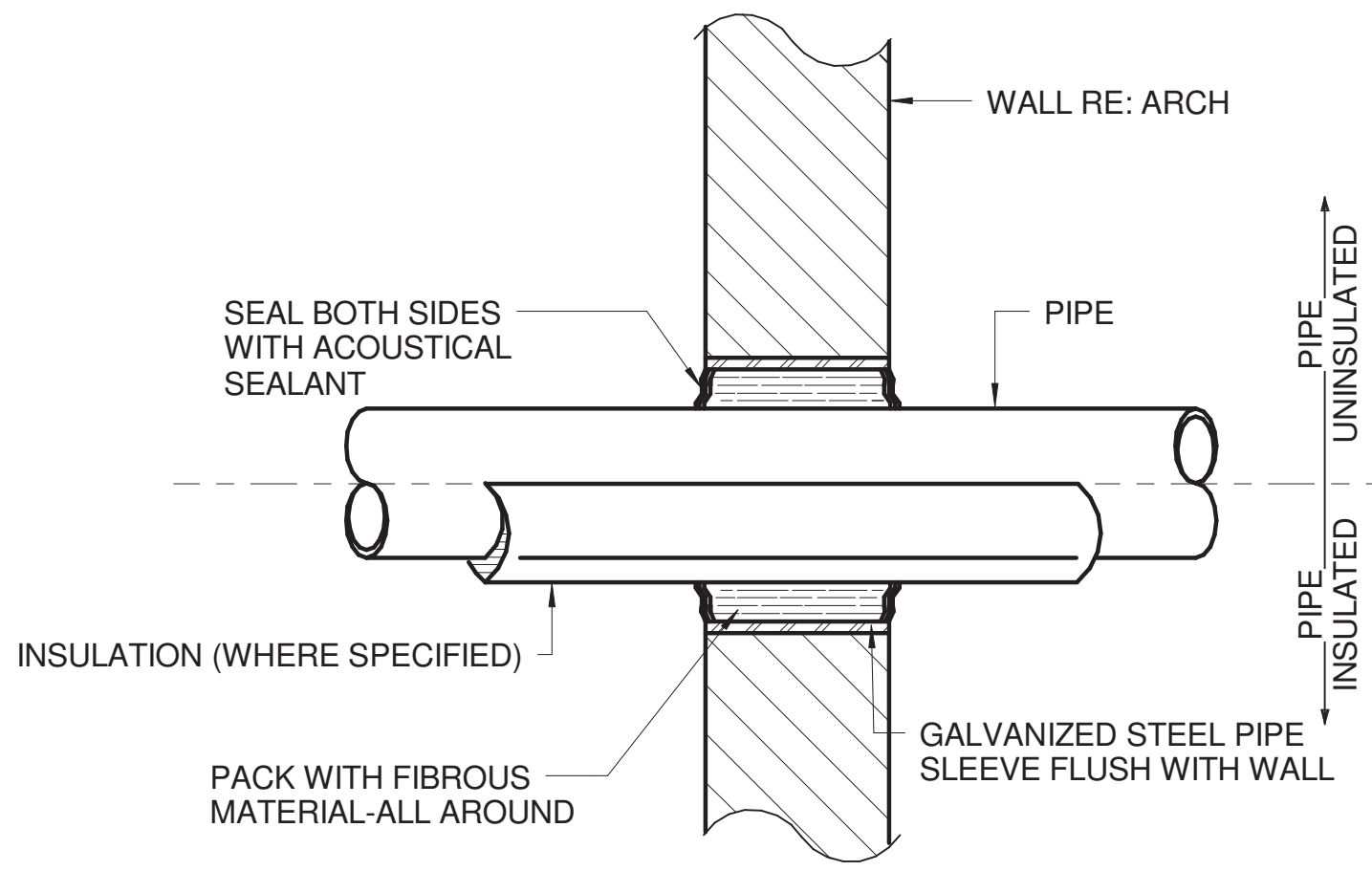
1/8" = 1'-0" 0' 8' 16'

**HARRIS COUNTY  
PSYCHIATRIC CENTER UNIT  
1D AND UNIT 2B  
RENOVATIONS**



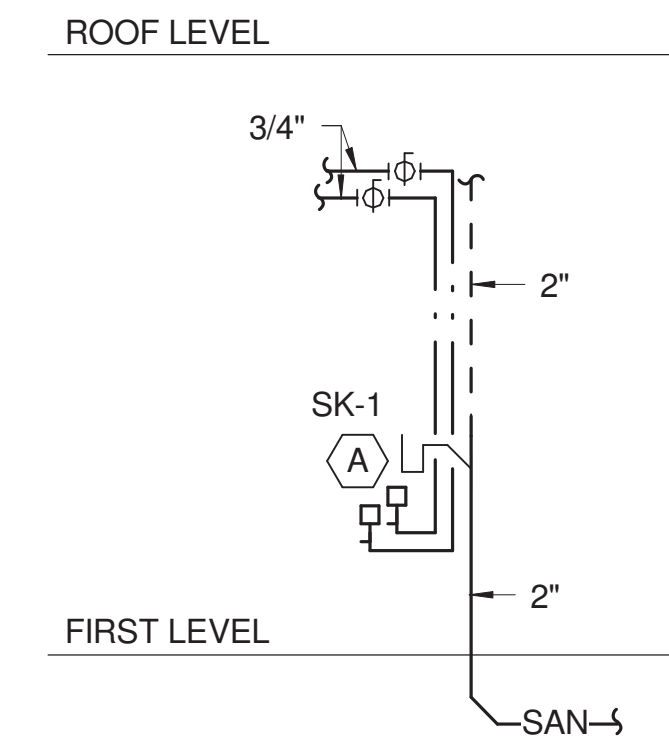
**NOTE:**  
INSTALL SPRINKLER HEADS IN EXACT CENTER OF LAY-IN CEILING TILES THIS DETAIL APPLIES IN ALL LOCATIONS WHERE SPRINKLER HEADS ARE LOCATED IN SUSPENDED CEILINGS.

**1** SPRINKLER HEAD IN CEILING  
DETAIL  
NO SCALE



**NOTES:**  
1. WHERE PIPING IS EXPOSED TO VIEW PROVIDE WITH ESCUTCHEON.

**2** PIPE PENETRATION THRU NON-RATED WALL  
DETAIL  
NO SCALE



**3** BREAK ROOM SINK RISER  
NO SCALE

KEY PLAN  
PLAN TRUE NORTH  
TRUE NORTH

**SHAH SMITH & ASSOCIATES, INC.**  
Tx. Registration # F-2113  
STATE OF TEXAS  
JEFFERY N. BOLANDER  
67137  
09/16/2016

CLIENT

**UTHealth**

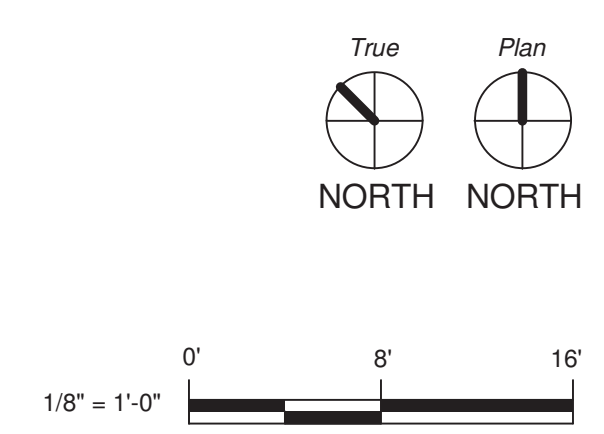
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**PLUMBING DETAILS**

**P-800**



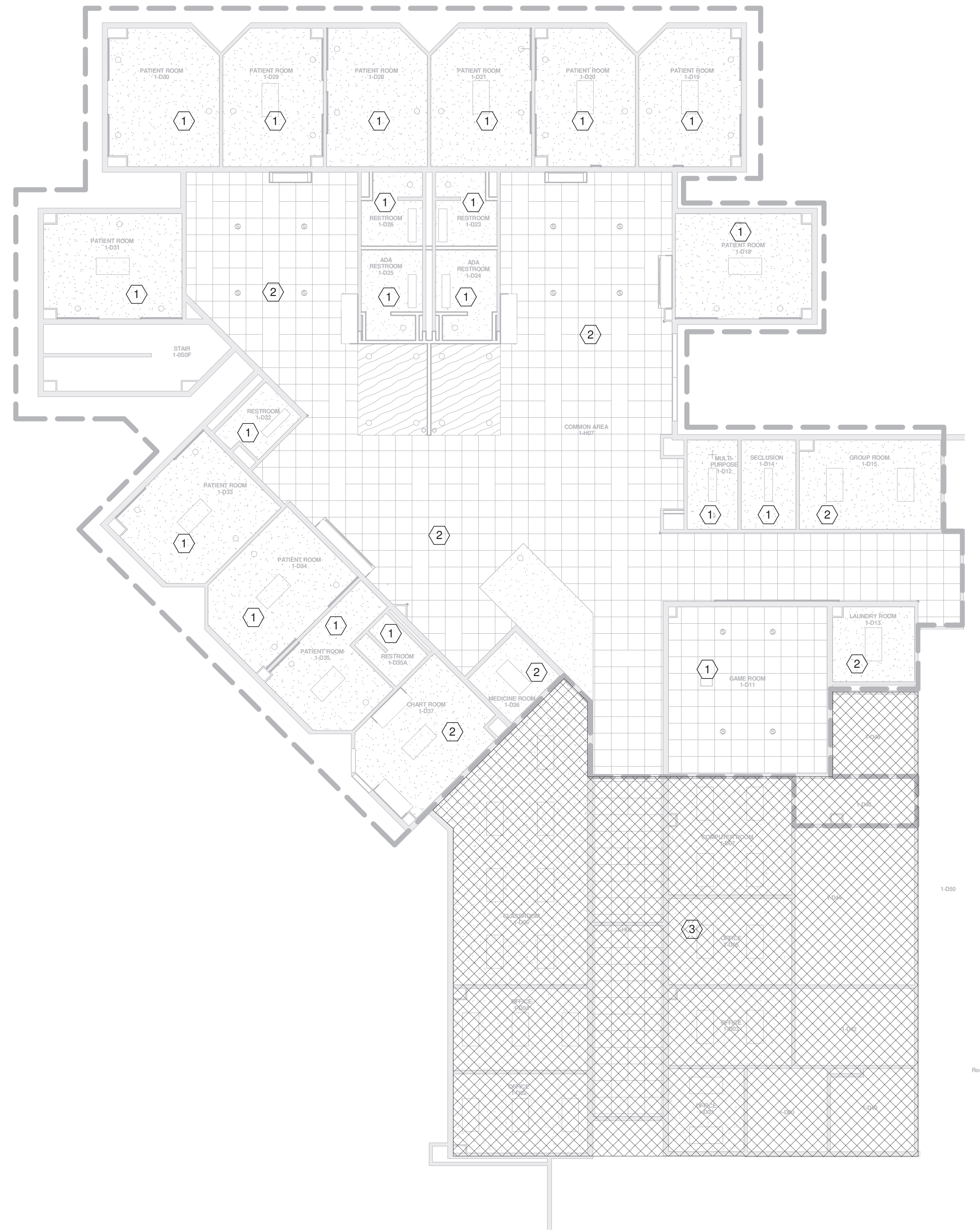
**HARRIS COUNTY  
PSYCHIATRIC CENTER UNIT  
1D AND UNIT 2B  
RENOVATIONS**

**GENERAL NOTES**

- A. THE FLOOR IS CURRENTLY ENTIRELY PROTECTED BY A WET AUTOMATIC SPRINKLER SYSTEM. WHERE NEW SPRINKLER WORK IS INDICATED, THE EXISTING SPRINKLER HEADS SHALL BE REMOVED AND REPLACED WITH NEW SPRINKLER HEADS AS NOTED. REWORK EXISTING SPRINKLER HEADS TO MATCH NEW ARCHITECTURAL LAYOUT, REFER TO ARCHITECTURE REFLECTED CEILING PLAN.
- B. REFER TO THE SPECIFICATIONS FOR SPRINKLER HEAD ORIFICE SIZES, TEMPERATURE RATING, FINISH ETC.
- C. IN AREAS WITHOUT CEILINGS, WHERE DUCTWORK IS OVER 48" WIDE, PROVIDE HEADS BOTH ABOVE AND BELOW DUCTWORK.
- D. FOR PROTECTION DURING CONSTRUCTION, TURN EXISTING FIRE SPRINKLER HEADS UP WHEN CEILINGS ARE REMOVED AND REPLACE EXISTING SPRINKLER HEADS WITH NEW UPRIGHT PENDANT FAST-RESPONSE SPRINKLER HEADS. TURN EXISTING FIRE SPRINKLER HEAD DROPS BACK DOWN FOR FINAL INSTALLATION WHEN NEW CEILINGS ARE INSTALLED AND REPLACE PENDANT SPRINKLER HEADS WITH NEW CONCEALED FAST-RESPONSE SPRINKLER HEADS IN COMMON AREAS AND NEW SECURITY TYPE FAST-RESPONSE SPRINKLER HEADS IN PATIENT ROOMS AND OTHER SECURE AREAS AS NOTED ON DRAWINGS.

**KEYED NOTES - FP-101.1D**

- 1 REPLACE EXISTING WET AUTOMATIC SPRINKLER HEADS WITH PENDANT TYPE, QUICK RESPONSE SPRINKLER HEADS, INSTITUTIONAL TYPE, FOR LIGHT HAZARD OCCUPANCE AS OUTLINED IN NFPA 13 AND THE SPECIFICATIONS.
- 2 REPLACE EXISTING WET AUTOMATIC SPRINKLER HEADS WITH CONCEALED TYPE QUICK RESPONSE SPRINKLER HEADS, FOR LIGHT HAZARD OCCUPANCY AS OUTLINED IN NFPA 13 AND THE SPECIFICATIONS.
- 3 HATCHED AREA IS OUTSIDE OF THE SCOPE OF WORK.



**FIRE PROTECTION FIRST FLOOR**

**AREA D**

1/8" = 1'-0"

KEY PLAN PLAN TRUE NORTH NORTH



CLIENT



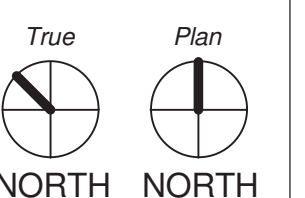
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**FIRE PROTECTION  
FIRST FLOOR AREA D**

**FP-101.1D**



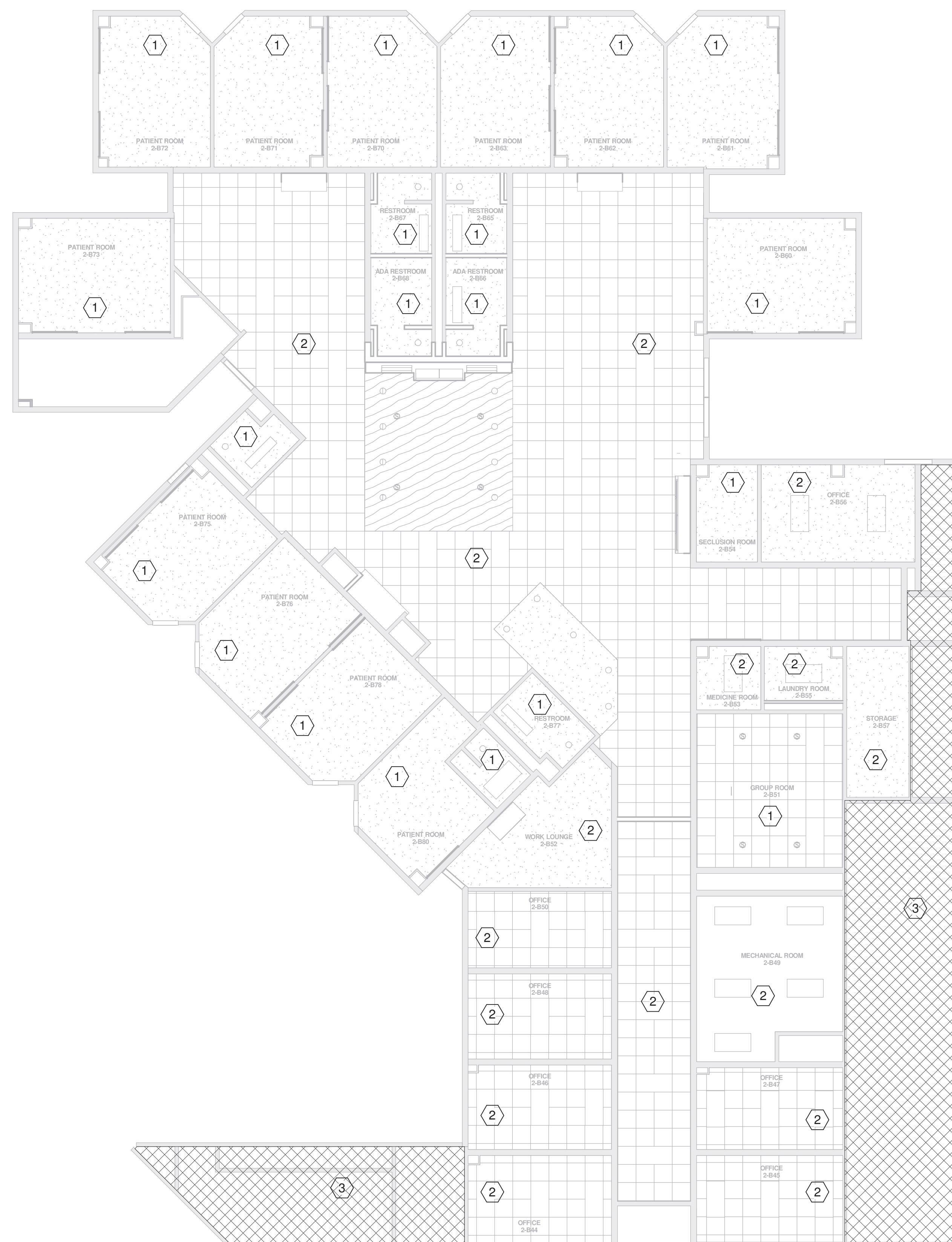
0' 8' 16'  
1/8" = 1'-0"

**GENERAL NOTES**

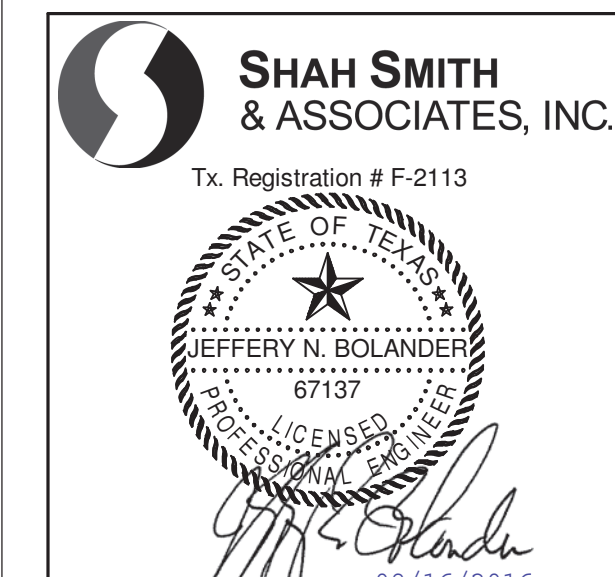
- A. THE FLOOR IS CURRENTLY ENTIRELY PROTECTED BY A WET AUTOMATIC SPRINKLER SYSTEM. WHERE NEW SPRINKLER WORK IS INDICATED, THE EXISTING SPRINKLER HEADS SHALL BE REMOVED AND REPLACED WITH NEW SPRINKLER HEADS AS NOTED. REWORK EXISTING SPRINKLER HEADS TO MATCH NEW ARCHITECTURAL LAYOUT. REFER TO ARCHITECTURE REFLECTED CEILING PLAN.
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**KEYED NOTES - FP-102.2B**

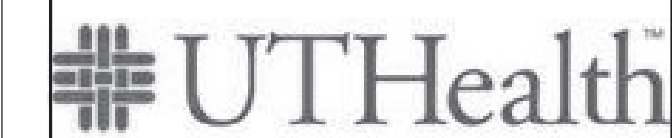
- 1 REPLACE EXISTING WET AUTOMATIC SPRINKLER HEADS WITH PENDANT TYPE, QUICK RESPONSE SPRINKLER HEADS, INSTITUTIONAL TYPE, FOR LIGHT HAZARD OCCUPANCE AS OUTLINED IN NFPA 13 AND THE SPECIFICATIONS.
- 2 REPLACE EXISTING WET AUTOMATIC SPRINKLER HEADS WITH CONCEALED TYPE QUICK RESPONSE SPRINKLER HEADS, FOR LIGHT HAZARD OCCUPANCY AS OUTLINED IN NFPA 13 AND THE SPECIFICATIONS.
- 3 HATCHED AREA IS OUTSIDE OF THE SCOPE OF WORK.



**FIRE PROTECTION SECOND FLOOR AREA B**  
1/8" = 1'-0"



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**FIRE PROTECTION SECOND FLOOR AREA B**

**FP-102.2B**

