# JPS HEALTH NETWORK

# JPS MEDICAL HOME SW SPECIALTY PHARMACY

## PROJECT DATA

**PROJECT ADDRESS:**
JPS MEDICAL HOME SOUTHWEST SPECIALTY PHARMACY
5001 MESA SPRINGS DR,
FORT WORTH, TX 76123

## PROJECT DESCRIPTION:

**ARCHITECTURAL NARRATIVE**
THE PROJECT WILL CONSIST OF APPROXIMATELY 2,800 SF OF RENOVATION IN AN EXISTING SHELL SPACE AT THE SOUTHWEST CORNER OF THE JPS MEDICAL HOME CLINIC. THE SUIT SHALL FUNCTION AS A RETAIL SPECIALTY PHARMACY.
THE FOLLOWING FUNCTIONS WILL BE PROVIDED

- PUBLIC WAITING
- POINT OF SALE
- 2 CONSULT ROOMS
- SHIPPING AND RECEIVING
- PHARMACY WORK AREAS
- STORAGE AREAS
- OFFICE SPACES
- BREAK AREA

## BUILDING STRUCTURAL DATA:

| USE GROUP CLASSIFICATION | CONSTRUCTION TYPE |
|---|---|
| BUSINESS (OFFICE BUILDING) - GROUP B | TYPE II-B |

THIS BUILDING IS FULLY PROTECTED BY AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 13

## FIRE RESISTANCE SCHEDULE

| REQUIRED | REQUIRED |
|---|---|
| BEAMS / JOINTS | 0 HR |
| FLOOR - CEILING / FLOOR | 0 HR |
| ROOF - CEILING / ROOF | 0 HR |

## APPLICABLE CODES AND STANDARDS

| | |
|---|---|
| BUILDING CODE | 2021 INTERNATIONAL BUILDING CODE WITH LOCAL AMENDMENTS |
| MECHANICAL CODE | 2021 INTERNATIONAL MECHANICAL CODE WITH LOCAL AMENDMENTS |
| PLUMBING CODE | 2021 INTERNATIONAL PLUMBING CODE AND 2021 INTERNATIONAL FUEL GAS CODE ADOPTION AND AMENDMENTS |
| ELECTRICAL CODE | 2023 NATIONAL ELECTRICAL CODE ADOPTION AND AMENDMENTS |
| ENERGY CONSERVATION | 2015 INTERNATIONAL ENERGY CODE WITH LOCAL AMENDMENTS |
| FIRE CODE | 2021 INTERNATIONAL FIRE CODE WITH LOCAL AMENDMENTS |
| HEALTHCARE STANDARDS | 2018 FGI GUIDELINES FOR OUTPATIENT FACILITIES |
| LIFE SAFETY (CMS / JOINT COMMISSIONING) | 2012 NFPA 101 |

## AREA TABULATION / CALCULATION

| LEVEL | EXISTING AREA | RENOVATED AREA |
|---|---|---|
| FIRST FLOOR | 39,834 SF | 2,800 SF |
| TOTAL | 39,834 SF | 2,800 SF |

## VICINITY MAP

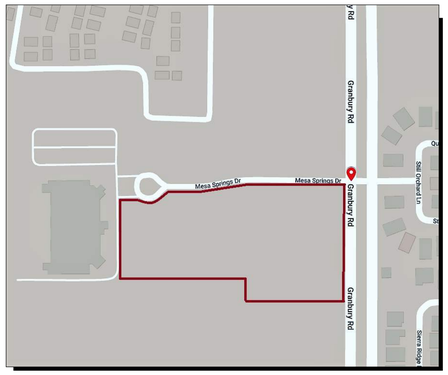



IMAGE: BY GOOGLE MAPS 2018

## GENERAL CONTRACTOR NOTES

1. THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BETWEEN THE DRAWINGS, THESE NOTES, AND FIELD CONDITIONS BEFORE COMMENCING ANY WORK AND REQUEST CLARIFICATION IN WRITING.
2. BEFORE SUBMITTING A PROPOSAL, THE SUB CONTRACTORS SHALL VISIT THE PREMISES, FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS, AND SATISFY THEMSELVES AS TO THE NATURE AND SCOPE OF THE WORK AND THE MEANS AND METHODS THAT ATTEND ITS EXECUTION.
3. THE SUBMISSION OF A PROPOSAL SHALL BE CONSTRUED AS EVIDENCE THAT SUCH AN EXAMINATION HAS BEEN MADE AND CLAIMS FOR LABOR, EQUIPMENT OR MATERIAL REQUIRED, WHICH COULD HAVE BEEN FORESEEN, HAD SUCH AN EXAMINATION BEEN MADE WILL NOT BE RECOGNIZED.
4. EACH CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE.
5. ALL CONTRACTORS SHALL CONTACT OWNER TO DETERMINE WHEN AND HOW DELIVERIES CAN BE MADE, WHAT PHASES OF CONSTRUCTION CAN BE DONE ON REGULAR OR OVERTIME, AND IN GENERAL, ANY SPECIAL BUILDING REQUIREMENTS WHICH WILL AFFECT THEIR WORK. THE GENERAL INTENT IS THAT ALL CONSTRUCTION WORK SHALL BE DONE DURING NORMAL WORKING HOURS.
6. EACH CONTRACTOR SHALL MAKE ALL REQUIRED ARRANGEMENTS FOR DELIVERY OF EQUIPMENT AND/OR MATERIAL. IT SHALL BE THE RESPONSIBILITY OF EACH CONTRACTOR TO CHECK THE RULES AND REGULATIONS GOVERNING WORK ON THE PREMISES INCLUDING THE FOLLOWING:
   a. DATE AND TIME OF DELIVERY SHALL BE ESTABLISHED IN CONJUNCTION WITH THE PERSON HAVING JURISDICTION OVER THE PREMISES.
   b. BUILDING CONDITIONS INCLUDING SIZE AND LOADING CAPACITY OF ELEVATORS, SIZE OF DOORWAYS, CORRIDORS, WINDOW OPENINGS ETC. SHALL BE CHECKED FOR ITEMS BEING DELIVERED BY CONTRACTOR REQUESTING DELIVERY.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND OBTAIN ALL PERMITS AND LICENSES, AND PAY REQUIRED FEES.
8. IN GENERAL, WORK UNDER THIS CONTRACT INCLUDES MECHANICAL, ELECTRICAL, PLUMBING, STRUCTURAL WORK AS REQUIRED TO ENCLOSE THE BUILDING, FLOOR SLABS, INTERIOR PARTITIONS, INTERIOR FINISHES, WALL SECTIONS, MECHANICAL AND ELECTRICAL WORK AS SPECIFIED AND INDICATED ON DRAWINGS.
9. PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES HAVING JURISDICTION TO VERIFY LOCATION OF ALL EXISTING LINES AND ANY OTHER FEATURES UNIQUE TO THIS PROJECT.
10. DIMENSIONS: ALL PLAN DIMENSIONS ARE FROM CENTERLINE OF COLUMN TO FACE OF FINISH OR FACE OF FINISH TO FACE OF MASONRY, UNLESS NOTED OR SHOWN OTHERWISE.
11. NO EXPOSED STUDS WILL BE PERMITTED IN ACCESSIBLE LOCATIONS REGARDLESS OF LOCATION.
12. ALL WOOD BLOCKING IN BUILDING SHALL BE FIRE TREATED LUMBER.
13. ALL GYPSUM BOARD SHALL BE TAPED, BEDDED AND SANDED AND HAVE ALL HOLES AND VOIDS SEALED, UNLESS NOTED OTHERWISE ON THE DRAWINGS.
14. THERE SHALL BE NO EXPOSED PIPES, CONDUITS, DUCTS, VENTS, ETC. ALL HOLES AND VOIDS SEALED, UNLESS NOTED OTHERWISE ON THE DRAWINGS.
15. MATERIAL OR FINISHES NOTED ON DRAWINGS ARE FOR GENERAL INFORMATION AND TO FACILITATE INTERPRETATION OF THE DRAWINGS. THE CONTRACTOR SHALL FURNISH OTHER MATERIALS, ACCESSORIES, AND/OR FINISHES AS REQUIRED TO COMPLETE WORK.
16. ALL MATERIALS AND FINISHES INDICATED ON DRAWINGS SHALL BE NEW AND UNUSED.
17. CEILING HEIGHTS NOTED ON DRAWINGS ARE FROM FINISH FLOOR TO CEILING, UNLESS NOTED OTHERWISE.
18. FOR SIZE AND LOCATION OF OPENINGS AND FOR MECHANICAL DUCTWORK AND PLUMBING, SEE MECHANICAL, PLUMBING AND STRUCTURAL DRAWINGS.
19. WHERE FACTORY FINISHED OR FACTORY PRIMED ITEMS, SUCH AS GRILLES, DIFFUSERS, METAL TRIM AND ACCESSORIES OCCUR, THEY SHALL BE PAINTED TO MATCH THE ADJACENT SURFACE OR AS DIRECTED BY THE ARCHITECT.
20. CONTRACTOR SHALL VERIFY AT THE JOB SITE ALL EXISTING CONDITIONS AND DIMENSIONS WHICH MAY AFFECT THIS WORK PRIOR TO THE COMMENCEMENT OF THIS WORK AND NOTIFY THE OWNER AND ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY UPON DISCOVERY.
21. PROVIDE BLOCKING BEHIND ALL SIGNS, FIXTURES, PARTITIONS, ACCESSORIES, ETC., AND WHERE INDICATED OR REQUIRED TO INSURE PROPER AND SECURE INSTALLATION OF SUCH ITEMS.
22. PROVIDE WATERSTOPS AT ALL SUBSOIL COLD JOINTS IN CONCRETE AT OCCUPIABLE AREAS AND WHERE INDICATED ON DRAWINGS.
23. THESE DRAWINGS ARE THE SOLE PROPERTY OF SBL ARCHITECTURE, INC (f/k/a STERLING BARNETT LITTLE, INC.). THE USE OR REUSE OF THESE DRAWINGS IS HEREBY RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED. REPRODUCTION OF THESE DRAWINGS, IN WHOLE OR IN PART, WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT IS HEREBY PROHIBITED. COPYRIGHT SBL ARCHITECTURE, INC.

## List of Drawings

| SHEET NO. | DRAWING TITLE | 100% SD's 07/29/2022 | 100% DD's 12/06/2024 | 100% CD'S 04/14/2025 |
|---|---|---|---|---|
| GENERAL | | | | |
| A0.01 | INDEX SHEET | ■ | ■ | ■ |
| A0.02 | STANDARD ABBREVIATIONS | ■ | ■ | ■ |
| A0.03 | GENERAL ACCESSIBILITY DETAILS | ■ | ■ | ■ |
| A0.04 | LIFE SAFETY PLAN | ■ | ■ | ■ |
| ARCHITECTURE | | | | |
| A2.22 | FLOOR PLAN - AREA F | ■ | ■ | ■ |
| A4.50 | ENLARGED TOILET PLANS | ■ | ■ | ■ |
| A5.11 | PARTITION TYPES AND MATRIX | ■ | ■ | ■ |
| A6.10 | DOOR SCHEDULE | ■ | ■ | ■ |
| A7.21 | REFLECTED CEILNG PLAN | ■ | ■ | ■ |
| A8.21 | MILLWORK / INTERIOR ELEVATIONS | ■ | ■ | ■ |
| A8.40 | MILLWORK SECTIONS | ■ | ■ | ■ |
| A9.11 | PENETRATION DETAILS | ■ | ■ | ■ |
| A9.12 | PENETRATION DETAILS | ■ | ■ | ■ |
| INTERIOR DESIGN | | | | |
| ID1.10 | FINISH LEGEND, ROOM SCHEDULE AND DETAILS | | ■ | ■ |
| ID2.10 | FINISH PLAN - AREA F | | ■ | ■ |
| ID3.10 | WALL PROTECTION PLAN - AREA F | | ■ | ■ |
| ID4.10 | FURNITURE PLAN - AREA F | | ■ | ■ |
| MECHANICAL | | | | |
| M0.01 | MECHANICAL COVER | | ■ | ■ |
| M0.11 | MECHANICAL DEMOLITION PLAN - AREA F | | ■ | ■ |
| M1.01 | MECHANICAL PLAN - AREA F | | ■ | ■ |
| M1.02 | MECHANICICAL ROOF PLAN - AREA F | | ■ | ■ |
| M4.01 | MECHANICAL EQUIPMENT SCHEDULES | | ■ | ■ |
| ELECTRICAL | | | | |
| E0.01 | ELECTRICAL COVER | | ■ | ■ |
| E0.10 | ELECTRICAL DEMOLITION PLAN - AREA F | | ■ | ■ |
| E1.01 | LIGHTING PLAN - AREA F | | ■ | ■ |
| E2.01 | POWER PLAN - AREA F | | ■ | ■ |
| E2.03 | ELECTRICAL ROOF PLAN - AREA F | | ■ | ■ |
| E3.01 | ELECTRICAL DETAILS | | ■ | ■ |
| E3.02 | ELECTRICAL DETAILS | | ■ | ■ |
| E4.01 | ELECTRICAL SCHEDULES AND DIAGRAMS | | ■ | ■ |
| E5.01 | FIRE ALARM PLAN - AREA F | | ■ | ■ |
| PLUMBING | | | | |
| P0.01 | PLUMBING COVER | | ■ | ■ |
| P1.01 | PLUMBING SANITARY & VENT PLAN - AREA F | | ■ | ■ |
| P2.01 | PLUMBING WATER & GAS PLAN - AREA F | | ■ | ■ |
| P4.01 | PLUMBING EQUIPMENT SCHEDULES | | ■ | ■ |
| TECHNOLOGY | | | | |
| TN0.00 | TECHNOLOGY LEGEND, NOTES & SCOPE OVERVIEW | | ■ | ■ |
| TN1.21 | TECHNOLOGY OVERALL FLOOR PLAN | | ■ | ■ |
| TN1.22 | TECHNOLOGY FLOOR PLAN - AREA F | | ■ | ■ |
| TN3.21 | TECHNOLOGY OVERALL REFLECTED CEILING PLAN | | ■ | ■ |
| TN3.27 | TECHNOLOGY REFLECTED CEILING PLAN - AREA F | | ■ | ■ |
| TN4.01 | TECHNOLOGY ENLARGED ROOM PLANS - IT ROOM 256 | | ■ | ■ |
| TN5.02 | TECHNOLOGY DETAILS | | ■ | ■ |
| TY0.00 | SECURITY COVER SHEETS | | ■ | ■ |
| TY1.21 | SECURITY OVERALL FLOOR PLAN | | ■ | ■ |
| TY1.22 | SECURITY FLOOR PLAN - AREA F | | ■ | ■ |
| TY3.28 | SECURITY REFLECTED CEILING PLAN - AREA F | | ■ | ■ |
| TY4.00 | SECURITY SCHEDULES | | ■ | ■ |
| TY4.02 | SECURITY ENLARGED ROOM PLANS - IT ROOM 256 | | ■ | ■ |
| TY5.02 | SECURITY DOOR DETAILS | | ■ | ■ |
| TY5.03 | SECURITY CAMERA DETAILS | | ■ | ■ |
| TY7.01 | SECURITY CAMERA VIEWS | | | ■ |
| TY7.02 | SECURITY CAMERA VIEWS | | | ■ |
| TY7.03 | SECURITY CAMERA VIEWS | | | ■ |
| TY7.04 | SECURITY CAMERA VIEWS | | | ■ |
| TY7.05 | SECURITY CAMERA VIEWS | | | ■ |


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**JPS HEALTH NETWORK**
**JPS MEDICAL HOME SW SPECIALTY PHARMACY**
CONSTRUCTION DOCUMENTS
FORT WORTH, TEXAS

REVISIONS

| NO. | DESCRIP. | DATE |
|---|---|---|

TITLE
**INDEX SHEET**

PROJECT NO.
**P30481.11**

ISSUE DATE
**04/14/2025**

DRAWING NO.
**A0.01**

REGISTERED ARCHITECT
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04.14.2025

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## ABBREVIATIONS (REFER TO SPECIFICATIONS FOR SYSTEMS AND SPECIFIED COMPONENTS)

| | |
|---|---|
| ACP | ACOUSTICAL PANEL |
| ACT | ACOUSTICAL CEILING TILE |
| ACM | ASBESTOS CONTAINING MATERIAL |
| ACBM | ASBESTOS CONTAINING BUILDING MATERIAL |
| AD | AREA DRAIN |
| ADJ | ADJUSTABLE / ADJACENT |
| AFC | ABOVE FINISH COUNTER |
| AFF | ABOVE FINISH FLOOR |
| AFG | ABOVE FINISH GRADE |
| AFT | ACOUSTIC FOAM TILE |
| ALT | ALTERNATE |
| ALUM | ALUMINUM |
| ANOD | ANODIZED |
| APPROX | APPROXIMATE |
| ARCH | ARCHITECT / ARCHITECTURAL |
| ASSY | ASSEMBLY |
| AWC | ACOUSTIC WALL COVERING |
| | |
| BATT | BATTEN |
| BD | BOARD |
| BG | BUMPER GUARD |
| BKGD | BACKGROUND |
| BLDG | BUILDING |
| BLK | BLOCK / BLOCKING |
| BLW | BELOW |
| BM | BEAM |
| BOT | BOTTOM |
| BRK | BRICK |
| BPV | BRICK PAVERS |
| BRCG | BRACING |
| BRG | BEARING |
| BRKT | BRACKET |
| BS | BOTH SIDES |
| BUR | BUILT UP ROOF |
| | |
| CAB | CABINET |
| CAF | COMPUTER ACCESS FLOORING |
| CB | COVE BASE |
| CBB | CONCRETE BACKER BOARD |
| CC | CUBICLE CURTAIN |
| CEM | CEMENT |
| CFCI | CONTRACTOR FURNISHED / CONTRACTOR INSTALLED |
| CFLG | COUNTERFLASHING |
| CG | CORNER GUARD |
| CGF | CERAMIC GRANULAR FLOORING |
| CHR | CHAIR RAIL |
| CIP | CAST IN PLACE |
| CJ | CONTROL JOINT |
| CL | CENTERLINE |
| CLG | CEILING |
| CLR | CLEAR |
| CMU | CONCRETE MASONRY UNIT |
| CNTR | COUNTER |
| COL | COLUMN |
| COMP | COMPOSITION |
| CONC | CONCRETE |
| CONSTR | CONSTRUCTION |
| CONT | CONTINUOUS |
| COORD | COORDINATE |
| CORR | CORRIDOR |
| CPL | CEMENT PLASTER |
| CRT | CARPET |
| CS | CONCRETE SEALED |
| CSC | CONCRETE SPLINE CEILING |
| CT | CERAMIC TILE |
| CTR | CENTER |
| | |
| DAT | DATUM |
| DBL | DOUBLE |
| DEMO | DEMOLITION |
| DEPT | DEPARTMENT |
| DIA | DIAMETER |
| DIM | DIMENSION |
| DISP | DISPENSER |
| DN | DOWN |
| DR | DOOR |
| DRN | DRAIN |
| DTL | DETAIL |
| DWR | DRAWER |
| DWG | DRAWING |

| | |
|---|---|
| E | EAST |
| EA | EACH |
| ECB | EMERGENCY CALL BUTTON |
| EIFS | EXTERIOR INSULATION & FINISH SYSTEM |
| EJ | EXPANSION JOINT |
| EL | ELEVATION |
| ELECT | ELECTRICAL |
| EMER | EMERGENCY |
| ENCL | ENCLOSURE |
| EQ | EQUAL |
| EQ SP | EQUALLY SPACED |
| EQUIP | EQUIPMENT |
| ES | EXPOSED STRUCTURE |
| ETR | EXISTING TO REMAIN |
| EWC | ELECTRIC WATER COOLER |
| EXIST | EXISTING |
| EXP | EXPOSED |
| EXT | EXTERIOR |
| | |
| FA | FIRE ALARM |
| FD | FLOOR DRAIN |
| FDTN | FOUNDATION |
| FE | FIRE EXTINGUISHER |
| FEC | FIRE EXTINGUISHER CABINET |
| FF | FINISH FLOOR |
| FIN | FINISH |
| FLEX | FLEXIBLE |
| FM | FLOOR MAT |
| FOF | FACE OF FINISH |
| FOM | FACE OF MASONRY |
| FR | FIRE RATED |
| FRP | FIBER REINFORCED PANEL |
| FT | FOOT / FEET |
| FTG | FOOTING |
| FURN | FURNITURE |
| FURR | FURRING |
| FWC | FABRIC WALLCOVERING |
| F/F | FINISH TO FINISH |
| | |
| GA | GAUGE |
| GALV | GALVANIZED |
| GB | GRAB BAR |
| GEN | GENERAL |
| GFI | GROUND FAULT INTERRUPTER |
| GFRC | GLASS FIBER REINFORCED CONCRETE |
| GL | GLASS |
| GLB | GLASS BLOCK |
| GLZ | GLAZING |
| GND | GROUND |
| GR | GRADE |
| GT | GROUT |
| GYP | GYPSUM |
| GYP BD | GYPSUM WALLBOARD |
| | |
| HB | HORIZONTAL BLINDS |
| HC | HOLLOW CORE |
| HCWD | HOLLOW CORE WOOD DOOR |
| HDWL | HEADWALL |
| HM | HOLLOW METAL |
| HO | HOLD OPEN |
| HORIZ | HORIZONTAL |
| HR | HANDRAIL |
| HT | HEIGHT |
| HVAC | HEATING / VENTILATION / AIR CONDITIONING |
| | |
| ID | INSIDE DIAMETER |
| INSUL | INSULATION |
| INT | INTERIOR |
| | |
| JST | JOIST |
| JT | JOINT |
| | |
| LAM | LAMINATE |
| LAV | LAVATORY |
| LL | LEAD LINED |
| LMC | LINEAR METAL CEILING |
| LIN | LINOLEUM |

| | |
|---|---|
| MAX | MAXIMUM |
| MD | METAL DECK |
| MECH | MECHANICAL |
| MED | MEDICAL |
| MEM | MATCH EXISTING MATERIALS |
| MFR | MANUFACTURER |
| MH | MANHOLE |
| MIN | MINIMUM / MINUTES (AS IT RELATES TO DOOR RATINGS) |
| MISC | MISCELLANEOUS |
| MLD | MOULDING |
| MR | MOISTURE RESISTANT |
| MRGB | MOISTURE RESISTANT GYPSUM BOARD |
| MS | MOP SINK |
| MTD | MOUNTED |
| MTL | METAL |
| MULL | MULLION |
| MW | MICROWAVE |
| | |
| N | NORTH |
| NIC | NOT IN CONTRACT |
| # | NUMBER |
| NOM | NOMINAL |
| NTS | NOT TO SCALE |
| N/A | NOT APPLICABLE |
| | |
| O | OXYGEN |
| OC | ON CENTER |
| OD | OUTSIDE DIAMETER |
| OF | OUTSIDE FACE |
| OFCI | OWNER FURNISHED / CONTRACTOR INSTALLED |
| OFOI | OWNER FURNISHED / OWNER INSTALLED |
| OFVI | OWNER FURNISHED / VENDOR INSTALLED |
| OF RD | OVERFLOW ROOF DRAIN |
| OH | OPPOSITE HAND |
| | |
| PB | PUSHBUTTON |
| PB C | PANIC BUTTON WITH COVER |
| PB CD | PANIC BUTTON WITH COVER UNDER DESK |
| PIL | PILASTER |
| PL | PLATE / PROPERTY LINE |
| PLAS | PLASTER |
| PLM | PLASTIC LAMINATE |
| PLYWD | PLYWOOD |
| PNL | PANEL |
| PNT | PAINT / PAINTED |
| PR | PAIR |
| PPE | PERSONAL PROTECTIVE EQUIPMENT |
| PREFAB | PREFABRICATED |
| PREFIN | PREFINISHED |
| PREFMD | PREFORMED |
| PRELIM | PRELIMINARY |
| PREP | PREPARATION |
| PROP | PROPERTY |
| PTN | PARTITION |
| PNTT | PAINT AND TEXTURE |
| PV | PAVER TILES |
| P/C | PRODUCT COLOR |
| PC | PULL CORD |
| | |
| QT | QUARRY TILE |
| | |
| R | RADIUS |
| RB | RUBBER BASE |
| RD | ROOF DRAIN |
| REC | RECESSED |
| REF | REFER / REFERENCE |
| REFRIG | REFRIGERATOR |
| REINF | REINFORCED / REINFORCING |
| REQD | REQUIRED |
| RR | RESTROOM |
| REV | REVISION |
| RF | RUBBER FLOOR |
| RH | ROOF HATCH |
| RJ | RUSTICATION JOINT |
| RS | RESIN PANEL |
| RSR | RISER |
| RTU | ROOF TOP UNIT |
| RV | ROOF VENT |
| | |
| S | SOUTH |
| SC | SOLID CORE |
| SCWD | SOLID CORE WOOD DOOR |
| SCHED | SCHEDULE |

| | |
|---|---|
| SCP | SCUPPER |
| SCS | STAINED CONCRETE SEALED |
| SDMPR | SMOKE DAMPER |
| SECT | SECTION |
| SHT | SHEET |
| SIM | SIMILAR |
| SLNT | SEALANT |
| SMK | SMOKE |
| SPEC | SPECIFICATION |
| SPF | SOLID POLYMER FABRICATION |
| SPR | SPEAKER |
| SQ | SQUARE |
| SQ FT | SQUARE FOOT / FEET |
| SS | STAINLESS STEEL |
| ST | STONE |
| STC | SOUND TRANSMISSION CLASS / COEFFICIENT |
| STD | STANDARD |
| STL | STEEL |
| STRUCT | STRUCTURAL |
| SUSP | SUSPENDED |
| SV | SHEET VINYL |
| SWC | SHOWER CURTAIN |
| | |
| TEMP | TEMPORARY |
| THK | THICK / THICKNESS |
| THRU | THROUGH |
| TMP | TEMPERED |
| TO | TOP OF |
| TOB | TOP OF BEAM |
| TOC | TOP OF CONCRETE |
| TOCB | TOP OF CURB |
| TOM | TOP OF MASONRY |
| TOP | TOP OF PARAPET |
| TOPM | TOP OF PAVEMENT |
| TOS | TOP OF STEEL |
| TOSL | TOP OF SLAB |
| TOW | TOP OF WALL |
| TRTD | TREATED |
| TS | TRANSITION STRIP |
| TYP | TYPICAL |
| TZ | TERRAZZO |
| | |
| U/C | UNDER COUNTER |
| UL | UNDERWRITER'S LABORATORY |
| UNF | UNFINISHED |
| UNO | UNLESS OTHERWISE NOTED |
| UTIL | UTILITY |
| | |
| VAR | VARIES |
| VB | VERTICAL BLINDS |
| VCT | VINYL COMPOSITION TILE |
| VERT | VERTICAL |
| VFVI | VENDOR FURNISHED / VENDOR INSTALLED |
| VFCI | VENDOR FURNISHED / CONTRACTOR INSTALLED |
| VIF | VERIFY IN FIELD |
| VS | VENT STACK |
| VT | VINYL TILE |
| VTR | VENT THROUGH ROOF |
| VWC | VINYL WALLCOVERING |
| | |
| W | WEST |
| WB | WOOD BASE |
| WBL | WOOD BLOCKING |
| WC | WATER CLOSET |
| WCB | WALLCOVERING BORDER |
| WD | WOOD |
| WDP | WOOD PANELING |
| WFS | WALL FINISH SYSTEM |
| WG | WALL GUARD |
| WLD | WELDING ROD |
| WP | WATERPROOF / WEATHERPROOF |
| WPM | WATERPROOFING MEMBRANE |
| WPS | WALL PROTECTION SHEET |
| WR | WEATHER RESISTANT |
| WSCT | WAINSCOT |
| WT | WEIGHT |
| WTR | WINDOW TREATMENT |
| | |
| XFMR | TRANSFORMER |
| | |
| YD | YARD |

## MATERIAL LEGEND

- EARTH
- GYPSUM BOARD, SAND, OR PLASTER
- CONCRETE
- STEEL
- WOOD
- WOOD BLOCKING
- PLYWOOD
- EXTERIOR SHEATHING
- BATT INSULATION
- ACOUSTICAL TILE
- RIGID INSULATION
- GRAVEL
- CONCRETE MASONARY UNIT
- EXTERIOR INSULATION AND FINISH SYSTEM
- BRICK
- MOLDED PLASTIC
- SOUND ATTENUATION BLANKET

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# JPS MEDICAL HOME SW SPECIALTY PHARMACY

CONSTRUCTION DOCUMENTS

FORT WORTH, TEXAS

REVISIONS

| NO. | DESCRIP. | DATE |
|---|---|---|
| | | |

TITLE
**STANDARD ABBREVIATIONS**

PROJECT NO.
P30481.11

ISSUE DATE
04/14/2025

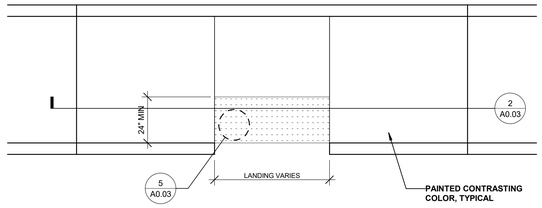
DRAWING NO.
**A0.02**

REGISTERED ARCHITECT MICHAEL K. BARNETT 11483 STATE OF TEXAS
04.14.2025

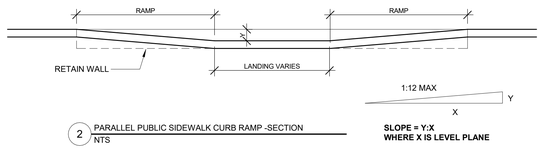
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## GENERAL NOTE

THE INFORMATION PROVIDED IS A RESOURCE TO THE TEAM OF THE OWNER, ARCHITECT, ENGINEER, AND CONTRACTOR. THIS IS A TOOL TO INFORM ALL PARTIES OF THE ACCESSIBILITY CONDITIONS AND REQUIREMENTS AS PUBLISHED BY THE TAS (TEXAS ACCESSIBILITY STANDARDS). THE FIGURES ARE DUPLICATIONS OF THE TAS AND DO NOT ENCOMPASS ALL CONDITIONS, NOR DOES IT COLLECTIVELY EMBODY THE GUIDELINES AS CONTAINED IN THE WRITTEN STANDARDS. THIS INFORMATION IS A SUPPORT DOCUMENT OF THE ARCHITECTURAL DOCUMENTS. WHICH IS INTENDED TO BE IN COMPLIANCE WITH THE ACCESSIBLE REQUIREMENTS. IN CASES OF AMBIGUITY OR WHERE A RESOLUTION IS NOT APPARENT OR CONFLICTS WITH INFORMATION REPRESENTED ELSEWHERE IN THE DRAWINGS, NOTIFY THE ARCHITECT.

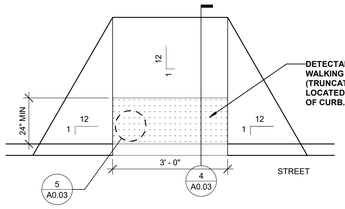



1 PARALLEL PUBLIC SIDEWALK CURB RAMP - PLAN
NTS

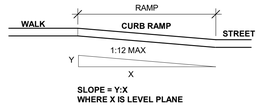



2 PARALLEL PUBLIC SIDEWALK CURB RAMP -SECTION
NTS

**SLOPE = Y:X**
**WHERE X IS LEVEL PLANE**

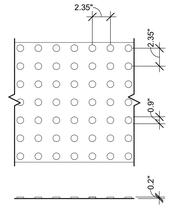



3 FLARED SIDE CURB RAMP - PLAN
NTS

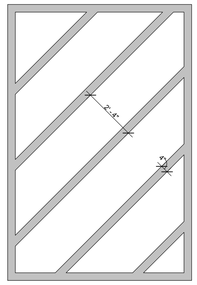



**SLOPE = Y:X**
**WHERE X IS LEVEL PLANE**

4 FLARED SIDE CURB RAMP - SECTION
NTS




5 TRUNCATED DOME DETAIL
NTS




6 STRIPING DETAIL (TYP.)
NTS



**SYMBOLS OF ACCESSIBILITY**



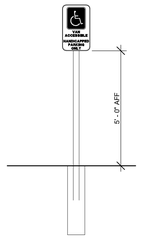
**SYMBOLS OF HEARING LOSS ACCESS**



**SYMBOLS OF TTY**

4.30.7 SYMBOLS OF ACCESSIBILITY.
"FACILITIES AND ELEMENTS REQUIRED TO BE IDENTIFIED AS ACCESSIBLE BY 4.1 SHALL USE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY, THE SYMBOL SHALL BE DISPLAYED AS SHOWN"

**SYMBOLS OF ACCESSIBILITY**




NOTE:
SIGN SHOULD BE CENTERED AT THE FRONT OF EACH HANDICAP PARKING STALLS (TYP.)

7 HANDICAPPED SIGNAGE DETAIL
NTS




CHARACTER WIDTH TO HEIGHT RATIO BETWEEN 3:5 AND 1:1

CHARACTER STROKE WIDTH TO HEIGHT BETWEEN 1:5 AND 1:10

CHARACTER AND BACKGROUND SHALL HAVE AN EGGSHELL, MATTE, OR OTHER NON-GLARE FINISH

CHARACTERS AND BACKGROUND SHALL CONTRAST, EITHER LIGHT CHARACTERS ON DARK BACKGROUND OR DARK CHARACTERS ON LIGHT BACKGROUND

8 SIGNAGE DETAIL
NTS



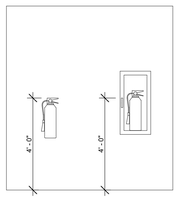

CHARACTER WIDTH TO HEIGHT RATIO BETWEEN 3:5 AND 1:1

CHARACTER STROKE WIDTH TO HEIGHT BETWEEN 1:5 AND 1:10

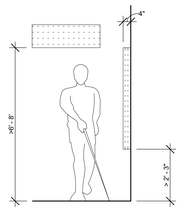
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CHARACTERS AND BACKGROUND SHALL CONTRAST, EITHER LIGHT CHARACTERS ON DARK BACKGROUND OR DARK CHARACTERS ON LIGHT BACKGROUND

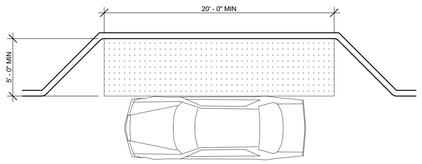
9 SIGNAGE DETAIL
NTS



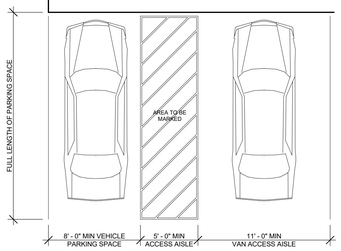

FIRE EXTINGUISHER / CABINET



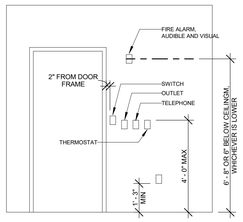

LIMIT OF PROTRUDING OBJECTS



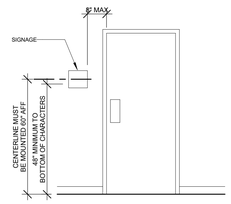

PASSENGER LOADING ACCESS AISLE



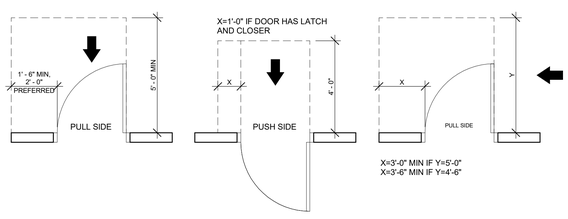

VEHICLE PARKING /ACCESS AISLES




SWITCHES/OUTLETS/ALARMS



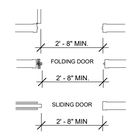

SIGNAGE MOUNTING LOCATION



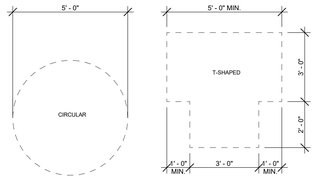

DOOR CLEARANCES



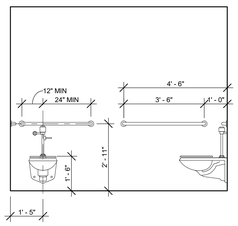

**DOUBLE-LEAF DOORWAY**



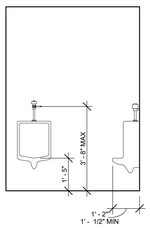

CLEAR DOORWAY



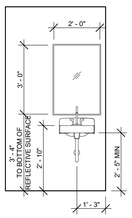

WHEELCHAIR TURNING SPACE



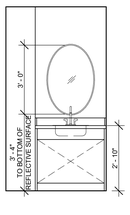

TYPICAL TOILET GRAB BAR



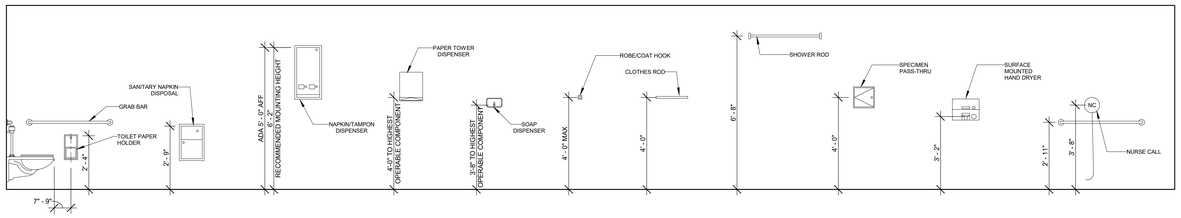

TYPICAL URINAL




SINK/ LAVATORY




SINK/ LAVATORY




TOILET ACCESSORIES


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# JPS HEALTH NETWORK
# JPS MEDICAL HOME SW SPECIALTY PHARMACY

CONSTRUCTION DOCUMENTS

FORT WORTH, TEXAS

REVISIONS

| NO. | DESCRIP. | DATE |
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TITLE
**GENERAL ACCESSIBILITY DETAILS**

PROJECT NO.
**P30481.11**

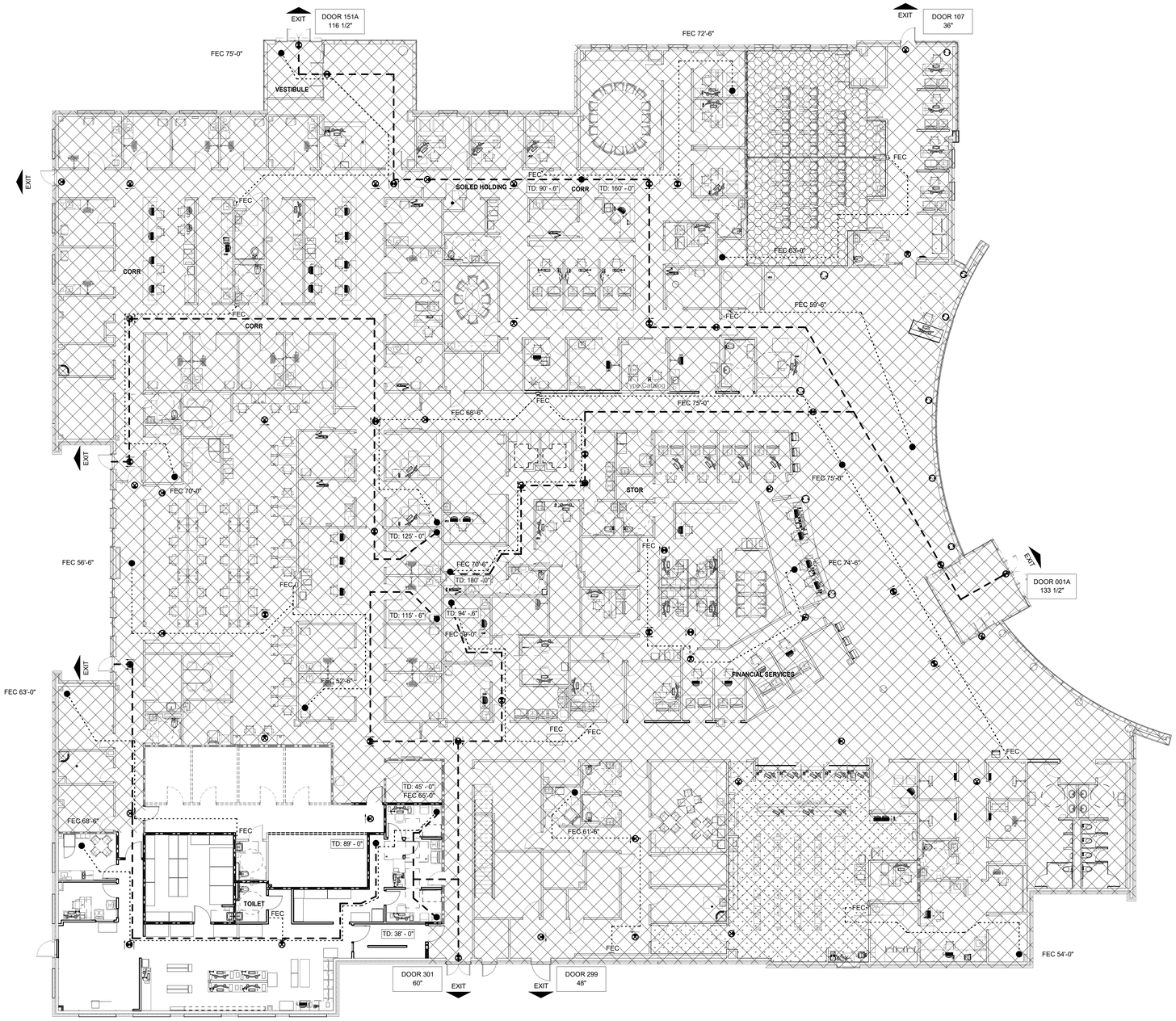
ISSUE DATE
**04/14/2025**

DRAWING NO.
**A0.03**

REGISTERED ARCHITECT
ROBERT K. BARNETT
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04.14.2025

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TRUE NORTH PLAN NORTH

1 **LIFE SAFETY PLAN**
3/32" = 1'-0"

0' 16' 32' 64'

# CODE SUMMARY

## OCCUPANT LOAD FACTORS:

IBC: TABLE 1004.5

| | |
|---|---|
| BUSINESS | 150 SF / OCCUPANT |
| 37,175 SF / 150 = | 248 OCCUPANTS |
| EDUCATIONAL (CLASSROOM AREA) | 20 SF / OCCUPANT |
| 1,200 SF / 20 = | 60 OCCUPANTS |
| MERCANTILE | 69 SF / OCCUPANT |
| 1,459 SF / 60 = | 25 OCCUPANTS |
| **TOTAL** | **333 OCCUPANTS** |

## EGRESS CALCULATION:

**REQUIRED EXIT WIDTH**
IBC: 1005.3.2
MEANS OF EGRESS CAPACITY FACTOR 0.2 INCH / OCCUPANT
TOTAL EXIT WIDTH REQUIRED (TOTAL OCCUPANTS x 0.2) 333 x 0.2 = 66.6
TOTAL EXIT WIDTH PROVIDED:

| DOOR | EGRESS WIDTH |
|---|---|
| 001A | 133.5" |
| 299 | 48" |
| 301 | 60" |
| 197C | 36" |
| 279D | 36" |
| 279L | 48" |
| 151A | 116.5" |
| 107 | 36" |
| **TOTAL** | **514"** |

**NUMBER OF EXITS:**
IBC: 1006.2.1.1
NUMBER OF EXITS REQUIRED: 2
NUMBER OF EXITS PROVIDED: 8

**EXIT ACCESS TRAVEL DISTANCE:**
IBC: TABLE 1017.2
B OCCUPANCY WITH SPRINKLER 300 FEET

**CORRIDOR WIDTH:**
IBC: TABLE 1020.3
ANY FACILITY NOT LISTED IN THIS TABLE 44 INCHES

**DEAD ENDS:**
IBC: 1020.5
EXCEPTION 2: GROUP B OCCUPANCY 50 FEET

## LIFE SAFETY LEGEND

2015 INTERNATIONAL BUILDING CODE

- SMOKE COMPARTMENT PER IBC SECTION 407
- EXISTING 1-HOUR SMOKE BARRIER PER IBC SECTION 709
- EXISTING SMOKE PARTITION PER IBC SECTION 710
- EXISTING 2-HOUR FIRE SMOKE BARRIER PER IBC SECTION 709
- EXISTING 1-HOUR RATED FIRE PARTITION PER IBC SECTION 708
- EXISTING 2-HOUR FIRE BARRIER PER IBC SECTION 707
- EXISTING 3-HOUR FIRE WALL PER IBC SECTION 706
- EXISTING 4-HOUR FIRE WALL PER IBC SECTION 706
- NEW SMOKE PARTITION PER IBC SECTION 710
- NEW 1-HOUR RATED FIRE PARTITION PER IBC SECTION 708
- NEW 1-HOUR RATED FIRE PARTITION PER IBC SECTION 708
- NEW 2-HOUR FIRE SMOKE BARRIER PER IBC SECTION 709
- NEW 2-HOUR FIRE BARRIER PER IBC SECTION 707
- NEW 3-HOUR FIRE WALL PER IBC SECTION 706
- NEW 4-HOUR FIRE WALL PER IBC SECTION 706
- SUITE
- EXIT ACCESS CORRIDOR
- EDUCATIONAL OCCUPANCY
- MERCANTILE OCCUPANCY
- EXIT SIGN
- EXIT
- FEC — FIRE EXTINGUISHER CABINET 75' MAX TRAVEL DISTANCE
- TD: 0" — TRAVEL DISTANCE
- FEC 0" — FEC TRAVEL DISTANCE
- DOOR EXIT 36" — EXIT WIDTH IN INCHES

NOTE: ALL INFORMATION THAT PERTAINS TO EXISTING SMOKE PARTITIONS, FIRE PARTITIONS, AND RELATED COMPARTMENTS HAS BEEN PROVIDED BY THE OWNER/FACILITY.

**FULLY SPRINKLERED**


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# JPS MEDICAL HOME SW SPECIALTY PHARMACY

## JPS HEALTH NETWORK

CONSTRUCTION DOCUMENTS

FORT WORTH, TEXAS

REVISIONS

| NO. | DESCRIP. | DATE |
|---|---|---|

TITLE
**LIFE SAFETY PLAN**

PROJECT NO.
**P30481.11**

ISSUE DATE
**04/14/2025**

DRAWING NO.
**A0.04**

REGISTERED ARCHITECT
MICHAEL K. BARNETT
11432
STATE OF TEXAS
04.14.2025

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## NOTES - FLOOR PLAN

**NOTE: NOT ALL KEY NOTES MAY BE USED ON CURRENT PLAN.**

1 HOSE BIB AND FLOOR DRAIN, REFERENCE PLUMBING DRAWINGS
2 DURESS PANIC BUTTON UNDER DESK, REFERENCE SECURITY DRAWINGS
3 DOOR RELEASE BUTTON, REFERENCE SECURITY DRAWINGS
4 WATER BOTTLE FILLING STATION, REFERENCE PLUMBING DRAWINGS
5 DURESS PANIC BUTTON WALL MOUNTED, REFERENCE SECURITY DRAWINGS
6 TRIPLE TIER LOCKERS, HDPE1
7 TV, REFERENCE A/V DRAWINGS
8 COMPUTER MONITOR MOUNTED ON FURNITURE SYSTEM WITH INTEGRATED POWER AND DATA
9 CLEAN SINK WITH EYEWASH (PEDAL OPERATION)
10 REFERENCE EXAM 156 FOR LAYOUT AND MILLWORK ELEVATIONS
12 LAYOUT AND MILLWORK ELEVATIONS TO MATCH SOILED 194
13 FLOOR MAT, COORDINATE WITH OWNER
14 LAYOUT AND MILLWORK ELEVATIONS TO MATCH B.H. EXAM 188

## FLOOR PLAN GENERAL NOTES

1. REFER TO SHEET A0.02 FOR SYMBOLS AND ABBREVIATIONS.
2. REFER TO SHEET A0.03 FOR TOILET ACCESSORY MOUNTING HEIGHTS.
3. ALL PARTITIONS TO BE TYPE "A1" UNLESS NOTED OTHERWISE. FOR PARTITION TYPES REFER TO **A5.11**.
4. THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BETWEEN THE DRAWINGS, THESE NOTES AND FIELD CONDITIONS BEFORE COMMENCING ANY WORK AND REQUEST CLARIFICATION IN WRITING.
5. PROVIDE FIRE TREATED BLOCKING FOR SURFACE MOUNTED ACCESSORIES AND EQUIPMENT.
6. ALL COLUMN GRID LOCATIONS AND DIMENSIONS ARE TO BE VERIFIED BY CONTRACTOR PRIOR TO COMMENCEMENT OF WORK.
7. DIMENSIONS INDICATED ARE FROM FACE OF FINISH TO FACE OF FINISH OR NEAREST COLUMN CENTER LINE. TYPICAL UNLESS NOTED OTHERWISE.
8. REFER TO SHEET **A6.10** FOR DOOR SCHEDULES AND FRAME TYPES.
9. REFER TO **A8.21** FOR INTERIOR ELEVATIONS.
10. REFER TO **A2.28** FOR EQUIPMENT SCHEDULE.

## FLOOR PLAN LEGEND

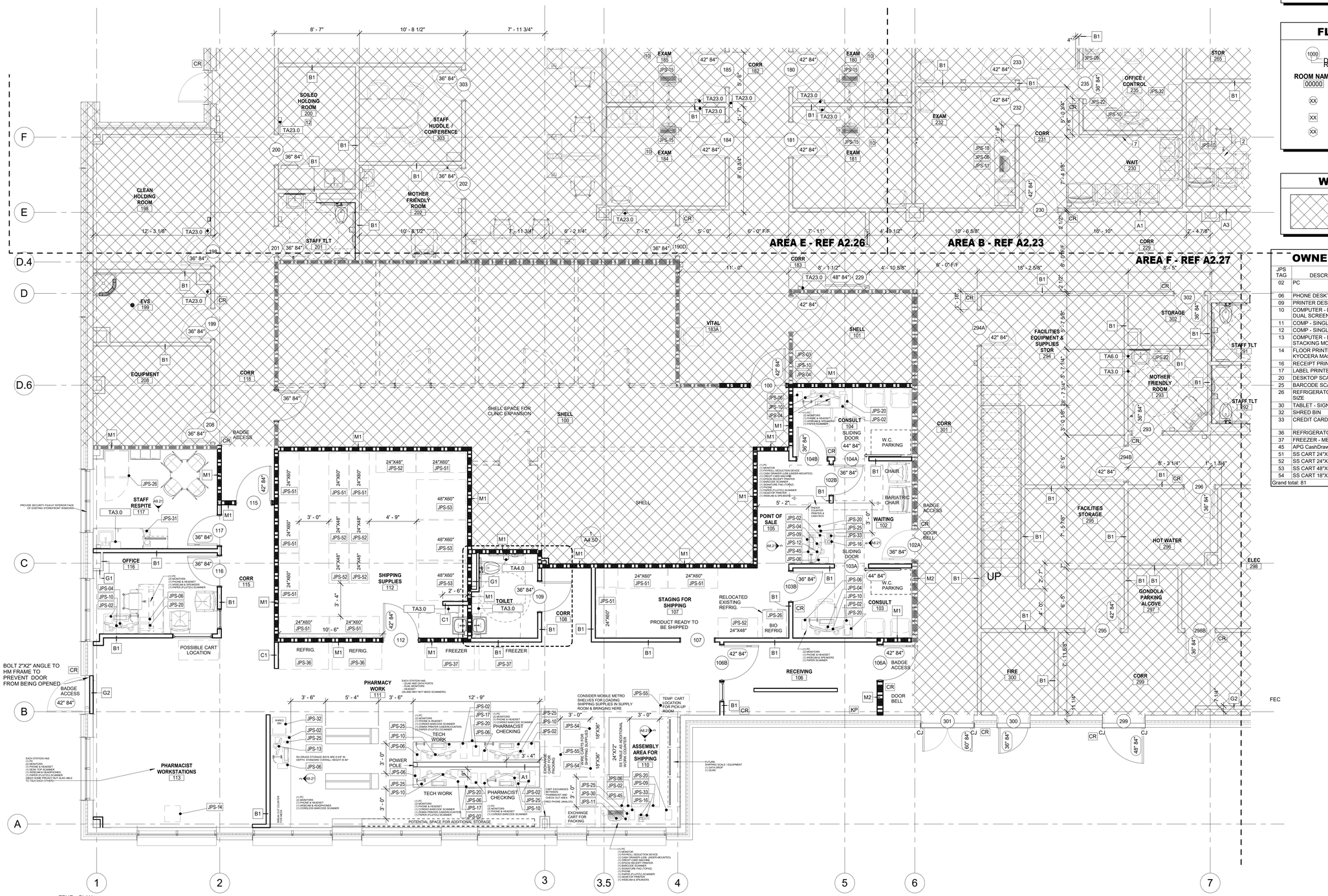
1000 ROOM — DOOR NUMBER
ROOM NAME 00000 — ROOM NAME / ROOM NUMBER
XX — KEYED NOTES DESIGNATION
XX — WALL TYPE DESIGNATION
XX — WINDOW TYPE DESIGNATION

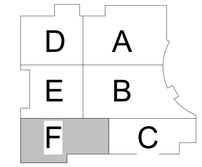
## WORK AREA LEGEND

AREA EXCLUDED FROM CURRENT PHASE OF WORK

## OWNER EQUIPMENT SCHEDULE

| JPS TAG | DESCRIPTION | OFOI | OFCI | MANUFACTURER | MODEL | Count |
|---|---|---|---|---|---|---|
| 02 | PC | Yes | No | DELL | OPTIPLEX MICRO PLUS 7020 | 10 |
| 06 | PHONE DESKTOP | Yes | No | CISCO | | 10 |
| 09 | PRINTER DESKTOP | Yes | No | KYOCERA | PA5500 | 2 |
| 10 | COMPUTER - DESKTOP DUAL SCREEN | Yes | No | DELL | 2425H | 7 |
| 11 | COMP - SINGLE MONITOR1 | Yes | No | DELL | 2425H | 1 |
| 12 | COMP - SINGLE MONITOR2 | Yes | No | DELL | 2425H | 1 |
| 13 | COMPUTER - DUAL STACKING MONITORS | Yes | No | | | 1 |
| 14 | FLOOR PRINTER-KYOCERA MA5500ifx | Yes | No | KYOCERA | MA5500ifx | 1 |
| 16 | RECEIPT PRINTER | Yes | No | EPSON | TMT88CII | 1 |
| 17 | LABEL PRINTER | Yes | No | ZEBRA | ZT400 | 2 |
| 20 | DESKTOP SCANNER | Yes | No | RICOH | FI-8170 | 7 |
| 25 | BARCODE SCANNER | Yes | No | | | 7 |
| 26 | REFRIGERATOR - FULL SIZE | Yes | No | | | 1 |
| 30 | TABLET - SIGNATURE PAD | Yes | No | TOPAZ | SIGNATURE PAD | 1 |
| 32 | SHRED BIN | Yes | No | | | 1 |
| 33 | CREDIT CARD READER | Yes | No | SPREDKEY | | 1 |
| 36 | REFRIGERATOR - MEDICAL | Yes | No | | | 2 |
| 37 | FREEZER - MEDICAL | Yes | No | | | 2 |
| 45 | APG CashDrawer | Yes | No | APG | 4000 1816 | 2 |
| 51 | SS CART 24"X60" | Yes | No | | | 10 |
| 52 | SS CART 24"X48" | Yes | No | | | 6 |
| 53 | SS CART 48"X60" | Yes | No | | | 3 |
| 54 | SS CART 18"X36" | Yes | No | | | 2 |
| Grand total: 81 | | | | | | |




KEY PLAN

SBL Architecture

SBL Architecture, Inc. f / k / a Sterling Barnett Little, Inc.

PROJECT TEAM

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# JPS HEALTH NETWORK
# JPS MEDICAL HOME SW SPECIALTY PHARMACY

CONSTRUCTION DOCUMENTS

FORT WORTH, TEXAS

REVISIONS

| NO. | DESCRIP. | DATE |
|---|---|---|

TITLE
**FLOOR PLAN - AREA F**

PROJECT NO.
P30481.11

ISSUE DATE
04/14/2025

DRAWING NO.
**A2.22**

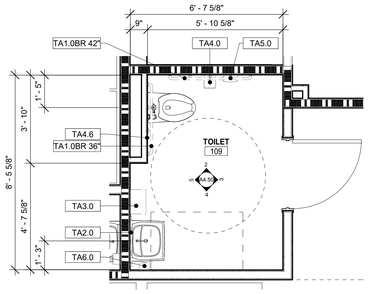
REGISTERED ARCHITECT Robert K. Barnett 11483 STATE OF TEXAS
04.14.2025

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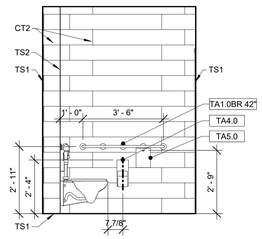
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## TOILET ACCESSORY SCHEDULE

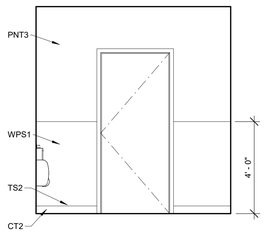
| ITEM NO. | DESCRIPTION | CFCI | OFCI | OFOI | MANUFACTURER | MODEL |
|---|---|---|---|---|---|---|
| TA1.0AL 36" | SECURITY GRAB BARS | X | | | BRADLEY | B-6806 |
| TA1.0AL 42" | SECURITY GRAB BARS | X | | | BRADLEY | SA70-001420 |
| TA1.0BR 36" | BARIATRIC GRAB BARS 36" | X | | | Bradley Corporation | 8320-106360 |
| TA1.0BR 42" | BARIATRIC GRAB BARS 42" | X | | | Bradley Corporation | 8320-106420 |
| TA2.0 | STAINLESS STEEL WELDED-FRAME MIRROR (24" X 36") | X | | | BOBRICK | B-165 SERIES |
| TA3.0 | ENMOTION IMPULSE TOUCH FREE PAPER TOWEL DISPENSER - BLACK WITH TRANSLUCENT GRAY SIDE WINDOWS | | X | | GEORGIA PACIFIC | 59498A |
| TA4.0 | TOILET PAPER DISPENSER - COMPACT 2 ROLL VERTICLA CORELESS HIGH CAPACITY TOILET PAPER DISPENSER - BLACK | | X | | GEORGIA PACIFIC | 56790A |
| TA4.6 | CONTURA SERIES SURFACE MOUNTED SEAT COVER DISPENSER | X | | | BOBRICK | B-4221 |
| TA5.0 | SANITARY NAPKIN DISPOSAL | X | | | BOBRICK | 270 |
| TA6.0 | ADX-7 HYGIENE SERIES SOAP DISPENSER 700ML | | X | | GOJO INDUSTRIES | 8784-06 |
| TA9.0 | SURFACE MOUNTED TOWEL PIN | X | | | BOBRICK | B-677 |
| TA14.1 | BABY CHANGING STATION | X | | | KOALA CARE | KB300-01SS |
| TA15 | UNDER LAVATORY GUARD | X | | | BROCAR PRODUCTS | KIT C500R |
| TA23.0 | HAND SANITIZER - TOUCHLESS | | X | | GOJO INDUSTRIES, PURELL | ES8 |
| TA 16.1 | SPECIMEN PASS BOX, 12"X12"X6" WITH ADJUSTABLE FLANGE AND ACCESSIBLE PULL HANDLE | X | | | BRADLEY | 9813RL |



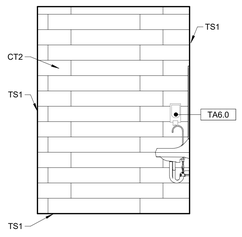

1 **TOILET 109**
3/8" = 1'-0"



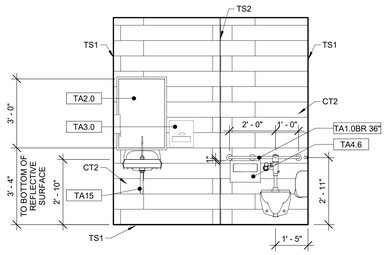

2 **109 - TLT - N**
3/8" = 1'-0"




3 **109 - TLT - E**
3/8" = 1'-0"




4 **109 - TLT - S**
3/8" = 1'-0"




5 **109 - TLT - W**
3/8" = 1'-0"

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SBL architecture

SBL Architectura, Inc. f / k / a Sterling Barnett Little, Inc.


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# JPS MEDICAL HOME SW SPECIALTY PHARMACY

CONSTRUCTION DOCUMENTS

FORT WORTH, TEXAS

REVISIONS

| NO. | DESCRIP. | DATE |
|---|---|---|

TITLE
**ENLARGED TOILET PLANS**

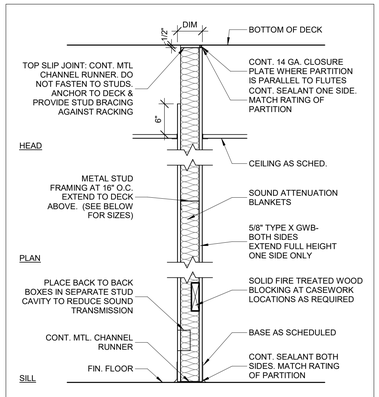
PROJECT NO.
**P30481.11**

ISSUE DATE
**04/14/2025**

DRAWING NO.
**A4.50**

REGISTERED ARCHITECT MICHAEL K. BARNETT STATE OF TEXAS 04.14.2025

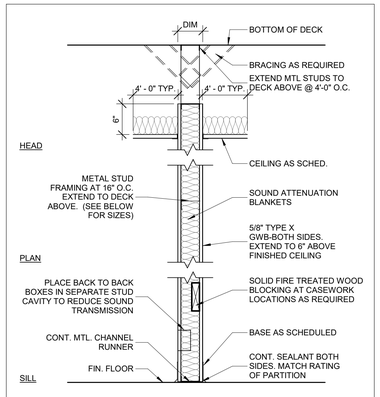
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| TYPE | DESCRIPTION | STUD SIZE | RATING | STC | TEST NO. | DIM |
|---|---|---|---|---|---|---|
| B1 | FULL HT GWB 1 SIDE TO DECK W/SAB | 3 5/8" | NR | - | - | 4 7/8" |
| B2 | FULL HT GWB 1 SIDE TO DECK W/SAB | 6" | NR | - | - | 7 1/4" |

## PARTITION TYPE B FULL HT GWB ONE SIDE

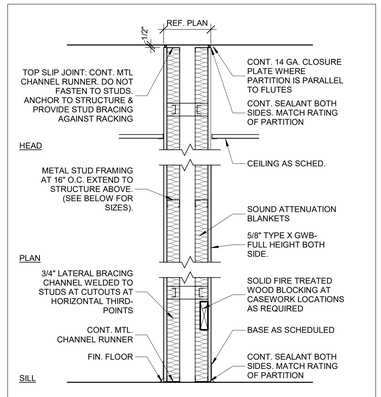
1" = 1'-0"




| TYPE | DESCRIPTION | STUD SIZE | RATING | STC | TEST NO. | DIM |
|---|---|---|---|---|---|---|
| C1 | CLNG HT GWB W/SAB | 3 5/8" | NR | - | - | 4 7/8" |
| C2 | CLNG HT GWB W/SAB | 6" | NR | - | - | 7 1/4" |

## PARTITION TYPE C CEILING HEIGHT GWB

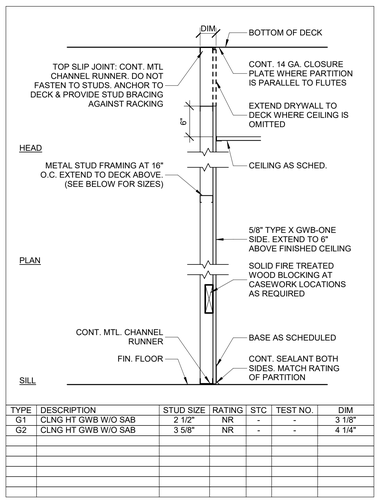
1" = 1'-0"




| TYPE | DESCRIPTION | STUD SIZE | RATING | STC | TEST NO. | DIM |
|---|---|---|---|---|---|---|
| E1 | FULL HT GWB PIPE CHASE | 2 1/2" | NR | 55 | - | REF PLAN |
| E2 | FULL HT GWB PIPE CHASE | 2 1/2" | 1 HR | 55 | U493 | REF PLAN |
| E3 | FULL HT GWB PIPE CHASE | 3 5/8" | NR | 55 | | 1' - 2" |
| E4 | FULL HT GWB PIPE CHASE | 3 5/8" | NR | 55 | | 2' - 0" |

## PARTITION TYPE E FULL HEIGHT GWB PIPE CHASE

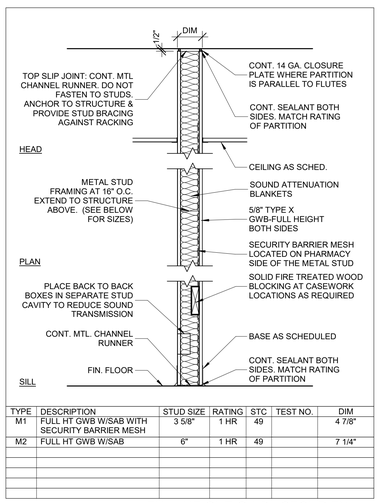
1" = 1'-0"




| TYPE | DESCRIPTION | STUD SIZE | RATING | STC | TEST NO. | DIM |
|---|---|---|---|---|---|---|
| G1 | CLNG HT GWB W/O SAB | 2 1/2" | NR | - | - | 3 1/8" |
| G2 | CLNG HT GWB W/O SAB | 3 5/8" | NR | - | - | 4 1/4" |

## PARTITION TYPE G CLNG HEIGHT GWB ONE SIDE

1" = 1'-0"




| TYPE | DESCRIPTION | STUD SIZE | RATING | STC | TEST NO. | DIM |
|---|---|---|---|---|---|---|
| M1 | FULL HT GWB W/SAB WITH SECURITY BARRIER MESH | 3 5/8" | 1 HR | 49 | | 4 7/8" |
| M2 | FULL HT GWB W/SAB | 6" | 1 HR | 49 | | 7 1/4" |

## PARTITION TYPE M FULL HEIGHT GWB - SECURITY BARRIER MESH

1" = 1'-0"

## PARTITION TYPES NOTES:

1. NOT ALL PARTITION TYPES LISTED TO BE USED. REFER TO FLOOR PLAN FOR PARTITION TYPE INDICATIONS.
2. UL DESIGNS ARE BASED UPON UNDERWRITER'S LABORATORIES INC. DIRECTORY - CURRENT EDITION.
3. TYPE "X" GYP BD TO BE USED ON ALL PARTITION TYPES WHERE GYP BD APPLICATION IS INDICATED.
4. SUBSTITUTE WATER RESISTANT TYPE "X" (GREENBOARD) GYP BD AS BACKING TO CERAMIC TILE, EXCEPT WHERE OTHER TILE BACKER IS SPECIFIED AND ALL WALLS IN TOILET ROOMS, BATHING AREAS, AND JANITOR'S CLOSETS AND OTHER AREAS ADJACENT TO CERAMIC TILE.
5. PROVIDE CONTROL JOINTS AT NOT LESS THAN 30' ON CENTER; VERIFY FINAL LOCATIONS, VIA SHOP DRAWINGS, WITH ARCHITECT.
6. PROVIDE FIRE RATED ASSEMBLIES FOR THROUGH WALL PENETRATIONS AND WALL JOINTS IN FIRE WALLS.
7. COMPLY WITH GYP BOARD ASSOC. GA600 AND ASTM C754, C840, AND E119.
8. STENCIL ALL FIRE AND/OR SMOKE RATED PARTITIONS ABOVE CEILING WITH RATING IN 6" HIGH RED LETTERS.
9. PROVIDE STEEL STUDS OF THICKNESS AS RECOMMENDED BY ASTM C754 FOR L/360 BUT NOT LESS THAN 0.0312 INCHES (22 GAUGE). REFER A6.51, PARTITION DETAILS AND LEGENDS, FOR MAXIMUM STUD HEIGHT LEGEND.
10. MINIMUM REQUIREMENT; UNITED STATES GYPSUM COMPANY, "GYPSUM HANDBOOK".

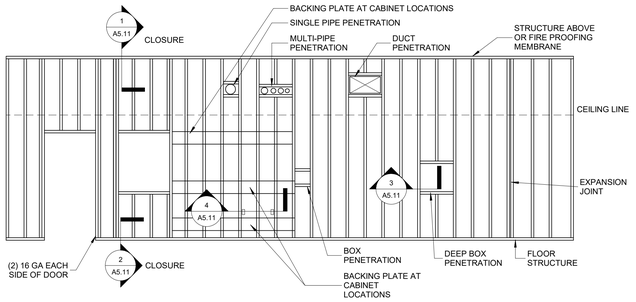
## PARTITION RATING PRIORITIES LEGEND

| PARTITION RATING | PRIORITY |
|---|---|
| 2 HOUR FIRE/SMOKE BARRIER | 1 (HIGHEST) |
| 2 HOUR FIRE WALL OR SHAFTWALL | 2 |
| 1 HOUR FIRE/SMOKE BARRIER | 3 |
| 1 HOUR FIRE WALL | 4 |
| NON-RATED ACOUSTICAL WALL | 5 (LOWEST) |

## MAXIMUM STUD HEIGHT LEGEND

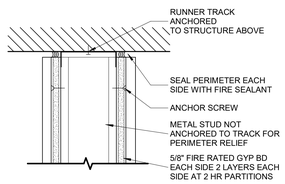
0.0329 IN MIN STUD
* DATA NOT AVAILABLE

| STUD DEPTH | DEFLECTION LIMIT | LATERAL PRESSURE | | |
|---|---|---|---|---|
| | | 5 PSF | 7.5 PSF | 10 PSF |
| 1 5/8" | L/240 | 8'-11" | 7'-9" | * |
| | L/360 | 7'-9" | * | * |
| 2 1/2" | L/240 | 11'-9" | 10'-2" | 9'-1" |
| | L/360 | 10'-2" | 8'-9" | 7'-10" |
| 3 5/8" | L/240 | 15'-2" | 13'-2" | 11'-7" |
| | L/360 | 13'-2" | 11'-6" | 10'-5" |
| 6" | L/240 | 21'-9" | 19'-0" | 17'-3" |
| | L/360 | 19'-0" | 16'-8" | 15'-1" |



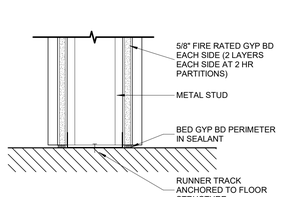

**FIRE RATED/SMOKE PARTITION REFERENCE ELEVATION**

NOT TO SCALE



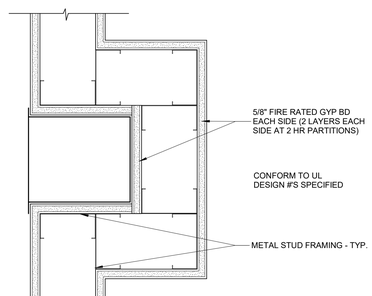

**1 CLOSURE DETAILS**

3" = 1'-0"



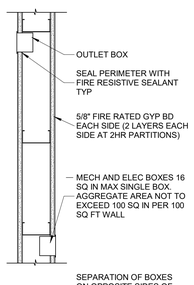

**2 CLOSURE DETAILS**

3" = 1'-0"



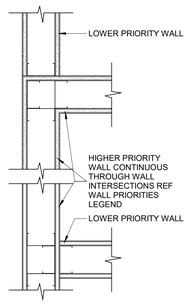

**3 DEEP BOX PENETRATION**

3" = 1'-0"




**4 OUTLET PENETRATION DETAIL**

1 1/2" = 1'-0"




**5 WALL PRIORITY DETAIL/LEGEND**

1 1/2" = 1'-0"

SBL Architecture, Inc. f / k / a Sterling Barnett Little, Inc.

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# JPS MEDICAL HEALTH NETWORK
# JPS MEDICAL HOME SW SPECIALTY PHARMACY

CONSTRUCTION DOCUMENTS

FORT WORTH, TEXAS

REVISIONS

| NO. | DESCRIP. | DATE |
|---|---|---|

TITLE

**PARTITION TYPES AND MATRIX**

PROJECT NO.
P30481.11

ISSUE DATE
04/14/2025

DRAWING NO.
**A5.11**

REGISTERED ARCHITECT
MICHAEL W. BARNETT
STATE OF TEXAS
11493
04.14.2025

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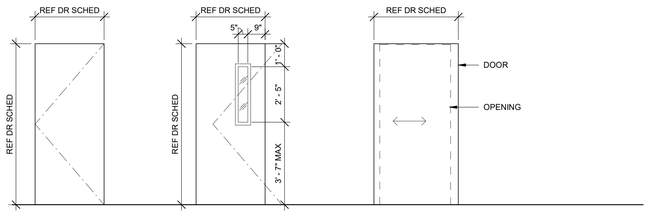
# DOOR SCHEDULE (PHARMACY)

| MARK | ROOM NAME | DOOR WIDTH | DOOR HEIGHT | DOOR THICKNESS | DOOR TYPE | DOOR MATERIAL | DOOR FINISH | FIRE RATING | GLAZING | FRAME TYPE | FRAME MATL | FRAME FINISH | HDWR SET | DETAILS HEAD | DETAILS JAMB | DETAILS SILL | REMARKS | MARK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 102A | WAITING | 36" | 84" | 1 3/4" | B | SCWD | | 20 MIN. | TEMP | 1 | ALUM | CLR ANOD | 3.0 | 1/A6.10 | 4/A6.10 | | BADGE ACCESS, DOOR BELL, FIRE RATED | 102A |
| 102B | WAITING | 36" | 84" | 1 3/4" | B | SCWD | | | TEMP | 1 | ALUM | CLR ANOD | 8.0 | 1/A6.10 | 4/A6.10 | | EXIT ONLY | 102B |
| 103A | CONSULT | 44" | 84" | 1 3/4" | | SCWD | | | | 4 | ALUM | CLR ANOD | 9.0 | 8/A6.10 | 9/A6.10 | | SEE DETAIL 9/A6.10 | 103A |
| 103B | CONSULT | 36" | 84" | 1 3/4" | A | SCWD | | | | 1 | ALUM | CLR ANOD | 1.0 | 1/A6.10 | 4/A6.10 | | BADGE ACCESS | 103B |
| 104A | CONSULT | 44" | 84" | 1 3/4" | | SCWD | | | | 4 | ALUM | CLR ANOD | 9.0 | 8/A6.10 | 9/A6.10 | | SEE DETAIL 9/A6.10 | 104A |
| 104B | CONSULT | 36" | 84" | 1 3/4" | A | SCWD | | | | 1 | ALUM | CLR ANOD | 1.0 | 1/A6.10 | 4/A6.10 | | BADGE ACCESS | 104B |
| 106A | CORR | 42" | 84" | 1 3/4" | B | SCWD | | 20 MIN. | TEMP | 1 | ALUM | CLR ANOD | 4.0 | 1/A6.10 | 4/A6.10 | | BADGE ACCESS, DOOR BELL, FIRE RATED | 106A |
| 106B | RECEIVING | 42" | 84" | 1 3/4" | B | SCWD | | | TEMP | 3 | ALUM | CLR ANOD | 2.0 | 1/A6.10 | 4/A6.10 | | BADGE ACCESS | 106B |
| 107 | STAGING FOR SHIPPING | 42" | 84" | | | | | | | 2 | ALUM | CLR ANOD | -- | 2/A6.10 | 5/A6.10 | | | 107 |
| 109 | TOILET | 36" | 84" | 1 3/4" | A | SCWD | | | | 1 | ALUM | CLR ANOD | 7.0 | 1/A6.10 | 4/A6.10 | | | 109 |
| 112 | SHIPPING SUPPLIES | 42" | 84" | 1 3/4" | A | SCWD | | 45 MIN. | | 1 | ALUM | CLR ANOD | 5.0 | 1/A6.10 | 4/A6.10 | | 20 MINUTE FIRE RATED | 112 |
| 115 | CORR | 42" | 84" | 1 3/4" | A | SCWD | | 20 MIN. | | 1 | ALUM | CLR ANOD | 2.0 | 1/A6.10 | 4/A6.10 | | BADGE ACCESS, FIRE RATED | 115 |
| 116 | OFFICE | 36" | 84" | 1 3/4" | A | SCWD | | | | 1 | ALUM | CLR ANOD | 6.0 | 1/A6.10 | 4/A6.10 | | | 116 |
| 117 | STAFF RESPITE | 36" | 84" | 1 3/4" | B | SCWD | | | TEMP | 1 | ALUM | CLR ANOD | 6.0 | 1/A6.10 | 4/A6.10 | | | 117 |

REMARKS: 1. REFER TO DOOR HARDWARE SPECIFICATIONS SECTION 087100 AND HARDWARE INDEX FOR ADD. INFO.
2. GC SHALL CONFIRM NEW HARDWARE TYPES AND OPERATION WITH OWNER PRIOR TO PURCHASE.

## GENERAL DOOR AND HARDWARE NOTES:

1. ALL DOORS SHALL BE SOLID CORE FLUSH SURFACE WITH PLM, SUBMIT SAMPLES TO ARCHITECT. PAINT ALL HOLLOW METAL FRAME WITH HIGH GLOSS ALKYD ENAMEL PAINT, COLOR TO BE SELECTED BY ARCHITECT. PROVIDE TEST SAMPLES FOR APPROVAL PRIOR TO PAINTING.
2. ALL LOCKS SHALL BE KEYED TO A MASTER SET.
3. ALL HINGES SHALL BE BALL HINGES.
4. ALL GLAZING IN FIXED OR OPERABLE PANELS, ADJACENT TO A DOOR, OR IN A DOOR, AND WHOSE BOTTOM EDGE IS LESS THAN 60" OFF SHALL BE GLAZED WITH TEMPERED GLASS.
5. MAXIMUM EFFORT TO OPEN DOORS SHALL NOT EXCEED 8.5 LBS FOR EXTERIOR DOORS, 5 LBS FOR INTERIOR DOORS AND 15 LBS FOR FIRE RATED DOORS.
6. ALL DOORS TO PATIENT ROOMS, ICU, OR, AND SPECIAL PROCEDURE SHALL OFFSET TO FACILITATE BED MOVEMENT. USE HAGAR SWING CLEAR HINGES BB1168 OR EQUAL.
7. HANDICAPPED ACCESSIBLE WATER CLOSET COMPARTMENT DOORS SHALL BE EQUIPPED WITH AN AUTOMATIC SELF CLOSING DEVICE.
8. ALL EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORTS.
9. GC SHALL CONFIRM EXISTING AND NEW HARDWARE TYPES & OPERATION W/ OWNER PRIOR TO PURCHASE.
10. ALL HARDWARE SHALL MATCH FACILITY STANDARDS.

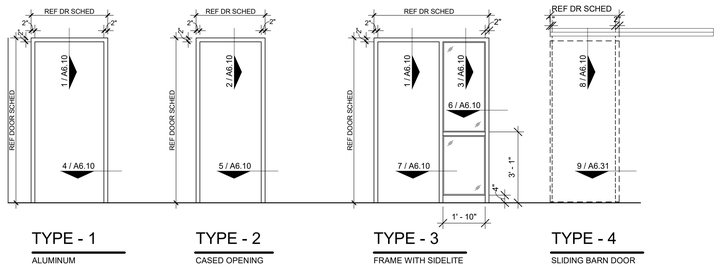



TYPE - A

TYPE - B
1/4" TEMPERED GLAZING

TYPE - C
SLIDING BARN DOOR
(SEE DETAIL 9/A6.10 FOR OPENING)

## DOOR TYPES
3/8"=1'-0"

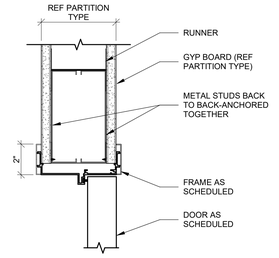



TYPE - 1
ALUMINUM

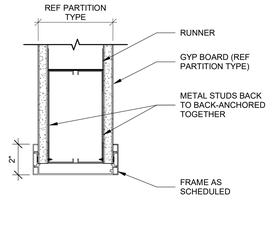
TYPE - 2
CASED OPENING

TYPE - 3
FRAME WITH SIDELITE

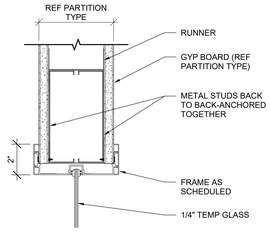
TYPE - 4
SLIDING BARN DOOR



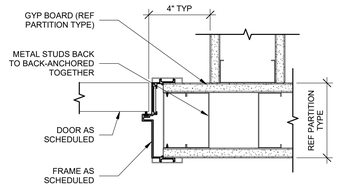

1 HEAD DETAIL - TYP.
3" = 1'-0"



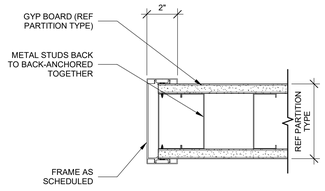

2 HEAD DETAIL - CASED OPENING
3" = 1'-0"



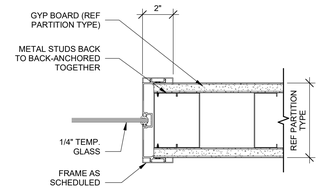

3 HEAD DETAIL - SIDELITE
3" = 1'-0"



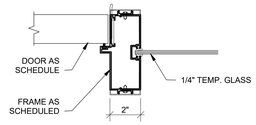

4 JAMB DETAIL - TYP.
3" = 1'-0"




5 JAMB DETAIL - TYP.
3" = 1'-0"

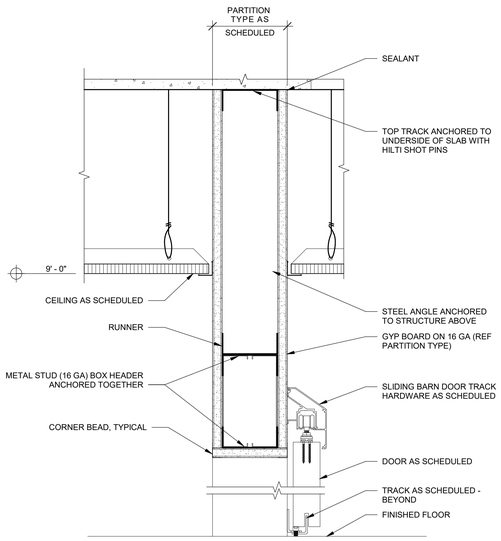



6 JAMB DETAIL - TYP.
3" = 1'-0"

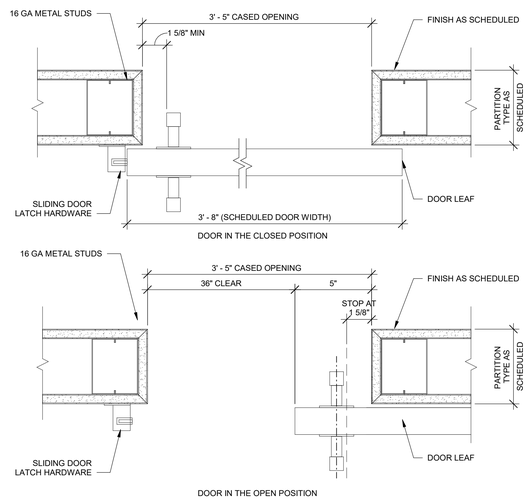



7 SIDELITE JAMB DETAIL
3" = 1'-0"

## FRAME TYPES
3/8"=1'-0"




8 HEAD DETAIL - BARN DOOR
3" = 1'-0"




9 JAMB DETAIL - BARN DOOR
3" = 1'-0"


SBL Architecture

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# JPS HEALTH NETWORK
# JPS MEDICAL HOME SW SPECIALTY PHARMACY
CONSTRUCTION DOCUMENTS
FORT WORTH, TEXAS

REVISIONS

| NO. | DESCRIP. | DATE |
|---|---|---|

TITLE
**DOOR SCHEDULE**

PROJECT NO.
**P30481.11**

ISSUE DATE
**04/14/2025**

DRAWING NO.
**A6.10**

REGISTERED ARCHITECT
WILLIAM K. BARNETT
17493
STATE OF TEXAS
04.14.2025

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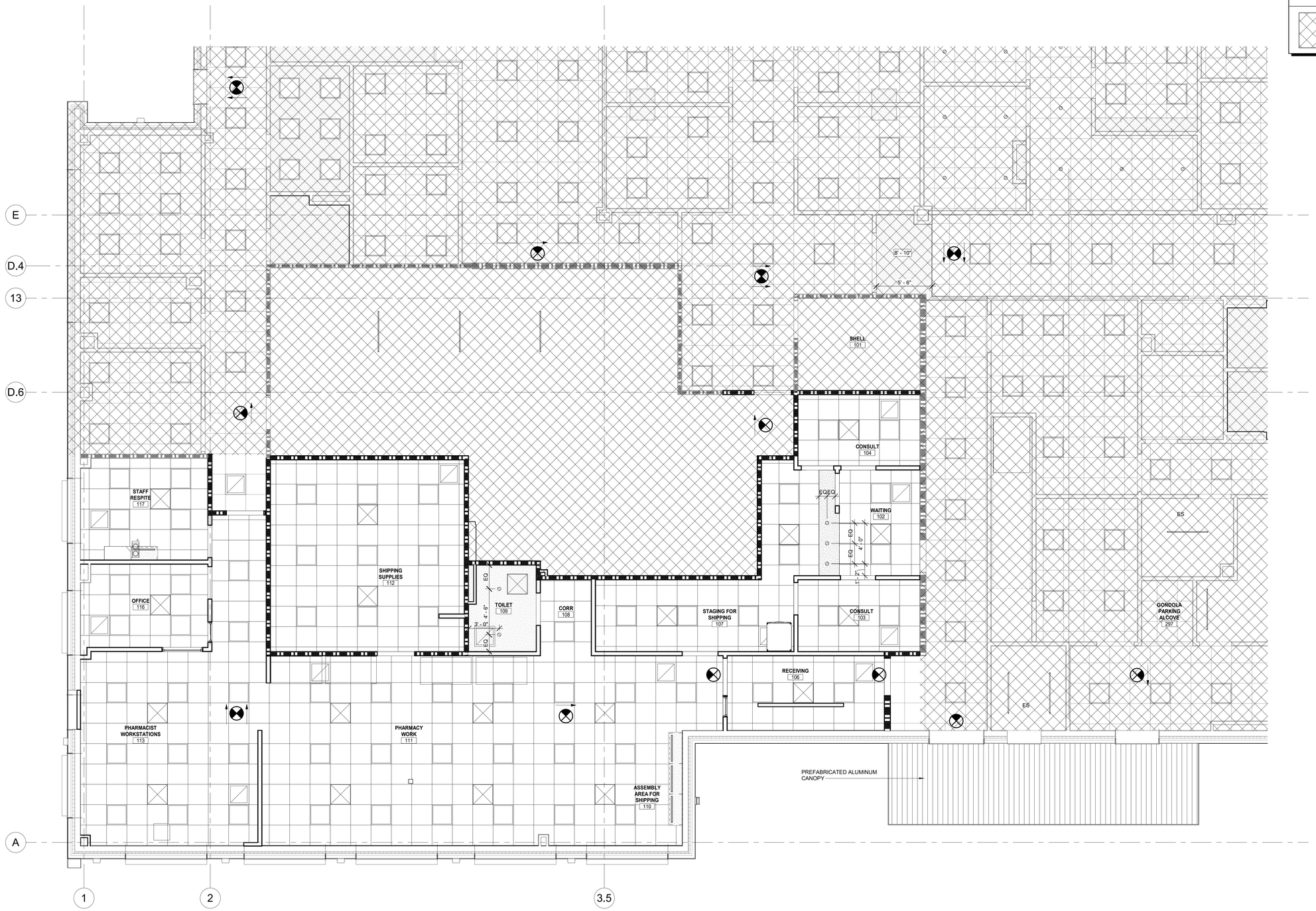
4/8/2025 3:46:30 PM C:\Users\dbradley\Documents\P30481.11 JPS Medical Home Specialty Pharmacy V22 Central File4_2025.02.05_dbradleyEKMT4.rvt

## GENERAL RCP NOTES

1. ALL CEILINGS ARE 9' - 0" A.F.F. UNLESS NOTED OTHERWISE.
2. REFER TO FINISH SCHEDULES FOR SPECIFIC CEILING FINISHES.
3. TIE UP ALL CABLES, WIRES, ETC. TO PREVENT THEM FROM BEING SUPPORTED BY THE CEILING SYSTEM.
4. COORDINATE SPRINKLER HEAD LOCATIONS WITH CEILING GRID LAYOUTS. HEAD LOCATIONS SHALL BE CENTERED IN CEILING TILE, OR CENTERED IN LOBBY CLOUDS.
5. REFER TO LIGHTING AND MILLWORK ELEVATIONS DRAWINGS FOR LOCATION OF UNDER COUNTER LIGHTING.
6. COORDINATE LOCATIONS OF FURR DOWNS AT ALL UPPER CABINETS.
7. ALL CEILING GRIDS/TILES SHALL BE CENTERED IN THE ROOM AS SHOWN OR OFFSET WHERE INDICATED.
8. CONTRACTOR TO FIELD COORDINATE INSTALLATION OF DOWNLIGHTS WITH THE DUCT WORK.

## WORK AREA LEGEND

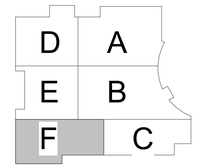
AREA EXCLUDED FROM CURRENT PHASE OF WORK




TRUE NORTH PLAN NORTH

1 REFLECTED CEILING PLAN
1/4" = 1'-0"

0' 16' 32' 64'




KEY PLAN


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# JPS HEALTH NETWORK
# JPS MEDICAL HOME SW SPECIALTY PHARMACY

CONSTRUCTION DOCUMENTS

FORT WORTH, TEXAS

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TITLE
**REFLECTED CEILNG PLAN**

PROJECT NO.
**P30481.11**

ISSUE DATE
**04/14/2025**

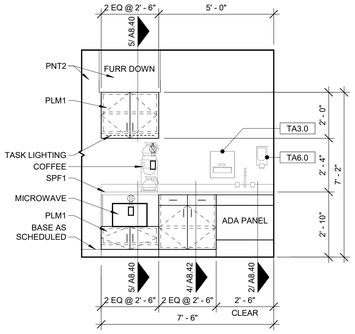
DRAWING NO.
**A7.21**

REGISTERED ARCHITECT ROBERT K. BARNETT 11483 STATE OF TEXAS

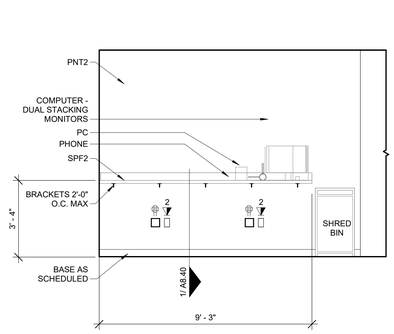
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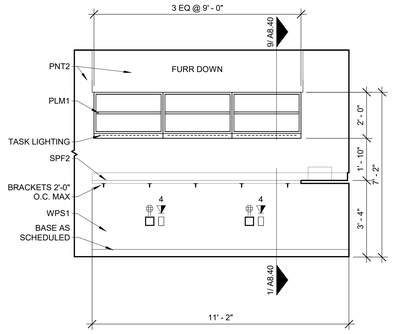
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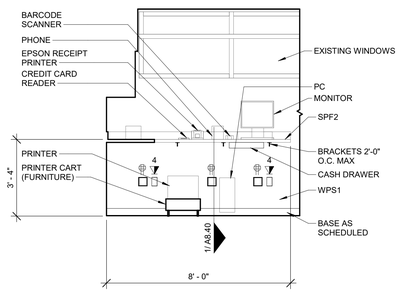

1 **117 - STAFF RESPITE - S**
3/8" = 1'-0"




2 **111 - PHARMACY WORK - W**
3/8" = 1'-0"




3 **110 - ASSEMBLY AREA FOR SHIPPING - E**
3/8" = 1'-0"




(1) PC
(1) MONITOR
(1) PAYROLL DEDUCTION DEVICE*
(1) CASH DRAWER (USB, UNDER-MOUNTED)
(1) CREDIT CARD MACHINE
(1) EPSON RECEIPT PRINTER
(1) BARCODE SCANNER
(1) SIGNATURE PAD (TOPAZ)*
(1) PHONE
(1) PAPER (FUJITZU) SCANNER**
(1) DESKTOP PRINTER
(1) WEBCAM & SPEAKERS*

* NEED TO LOCATE

4 **110 - ASSEMBLY AREA FOR SHIPPING - S**
3/8" = 1'-0"

## MILLWORK ELEVATION NOTES

1. REFERENCE SHEET A0.03 FOR TOILET ACCESSORY MOUNTING HEIGHT. REFERENCE SPECIFICATIONS FOR TOILET ACCESSORY INFORMATION AND DETAILS.
2. PAPER TOWEL DISPENSER, SOAP DISPENSER, BULLETIN AND MARKER BOARDS TO BE OWNER FURNISHED, CONTRACTOR INSTALLED. (O.F.C.I.)
3. ELECTRICAL DEVICES AND MEDICAL GASES SHOWN FOR REFERENCE ONLY. REFER TO MEP SHEETS FOR COORDINATION.
4. REFER TO INTERIOR DESIGN FINISH NOTES, LEGENDS AND SCHEDULE FOR FINISH SPECIFICATIONS.
5. SEAL ALL JOINTS WITH SANITARY SILICONE SEALANT.
6. FIELD MEASURE PRIOR TO SHOP DRAWINGS AND/OR CONSTRUCTION.
7. ALL WOOD BLOCKING IS TO BE FIRE TREATED.
8. COORDINATE ALL GROMMET LOCATIONS WITH OWNER.
9. COORDINATE LOCATION OF ELECTRICAL AND COMMUNICATION DEVICES ABOVE AND BELOW BACKSPLASH.
10. ALL KEYBOARD TRAYS SHALL BE CONTRACTOR FURNISHED, CONTRACTOR INSTALLED. VERIFY MODEL AND STYLE WITH OWNER PRIOR TO PURCHASE.




5 **105 - POINT OF SALE - E**
3/8" = 1'-0"




6 **105 - POINT OF SALE - W**
3/8" = 1'-0"

SBL Architecture
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# JPS HEALTH NETWORK
# JPS MEDICAL HOME SW SPECIALTY PHARMACY

CONSTRUCTION DOCUMENTS

FORT WORTH, TEXAS

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TITLE
**MILLWORK / INTERIOR ELEVATIONS**

PROJECT NO.
**P30481.11**

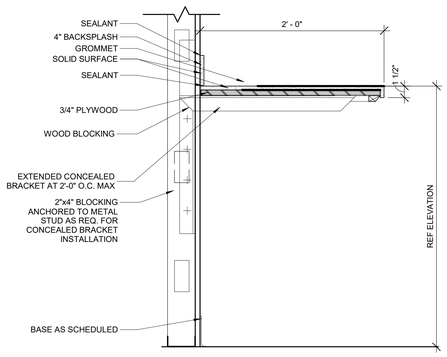
ISSUE DATE
**04/14/2025**

DRAWING NO.
**A8.21**

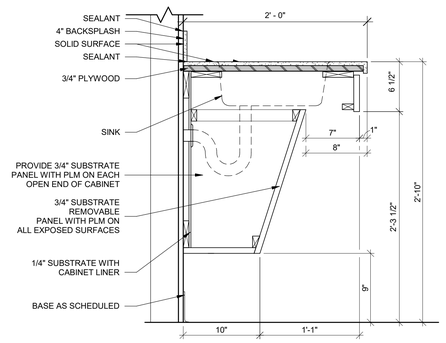
REGISTERED ARCHITECT MICHAEL K. BARNETT STATE OF TEXAS 17493
04.14.2025

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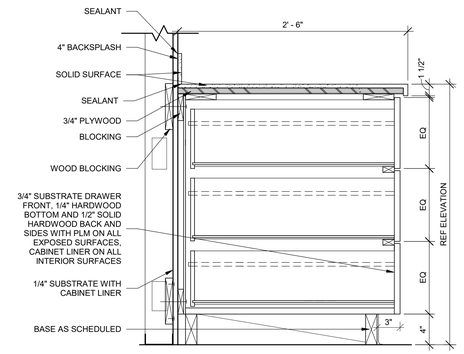
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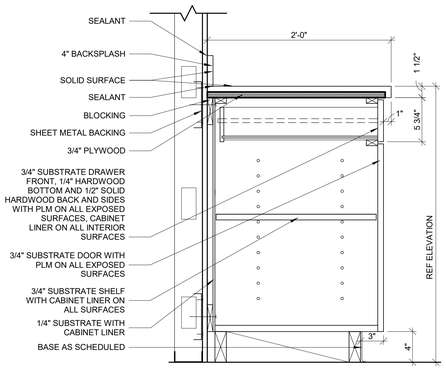

## 1 COUNTER WITH BRACKET - SPF - 24" DEEP
1 1/2" = 1'-0"




## 2 ACCESSIBLE SINK - SPF - 24" DEEP
1 1/2" = 1'-0"



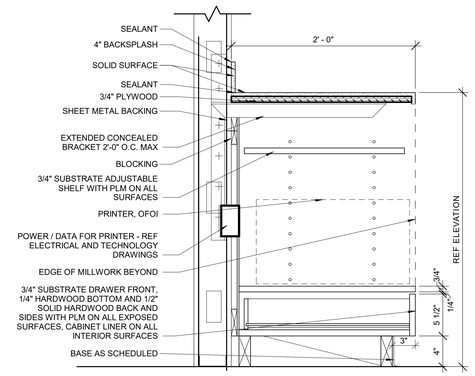

## 3 COUNTER WITH THREE EQUAL DRAWERS - 30" DEEP
1 1/2" = 1'-0"



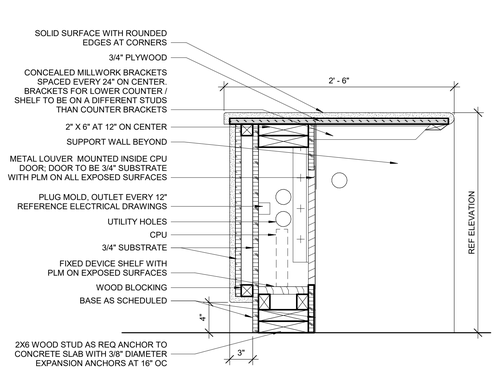

## 4 COUNTER WITH ONE DRAWER AND DOOR - SPF
1 1/2" = 1'-0"

### MILLWORK SECTION NOTES

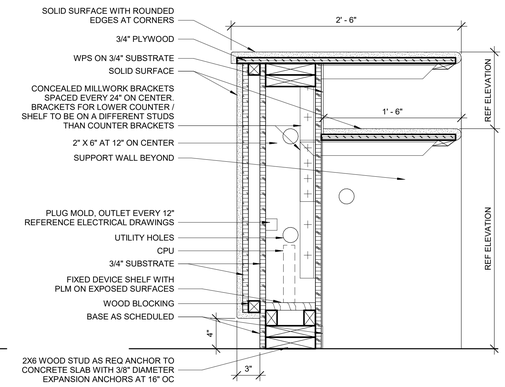
1. COMPLY WITH AMERICAN WOODWORKING INSTITUTE (AWI) SECTION 1700. CUSTOM CABINET CONSTRUCTION AS INDICATED BELOW.
2. SEAL ALL JOINTS WITH SANITARY SILICONE SEALANT.
3. SCRIBE AT INTERSECTIONS WITH WALLS.
4. FIELD MEASURE PRIOR TO SHOP DRAWINGS AND/OR CONSTRUCTION.
5. ALL WOOD BLOCKING IS TO BE FIRE RATED.
6. NOT ALL SECTIONS ON THIS SHEET HAVE BEEN USED IN THIS PROJECT. REFER TO MILLWORK ELEVATIONS FOR RELEVANT SECTIONS.
7. LOCATE ALL GROMMETS PER OWNER'S REQUEST.
8. COORDINATE LOCATION OF ELECTRICAL AND COMMUNICATION DEVICES ABOVE AND BELOW BACKSPLASH.
9. ALL DRAWERS TO HAVE BOX DRAWER SLIDES PER LOAD REQUIREMENTS AS SPECIFIED.
10. ALL DRAWERS AND DOORS TO HAVE 3MM EDGEBANDING.
11. MILLWORK AT SINK LOCATIONS TO BE BUILT OUT OF MARINE GRADE PLYWOOD.
12. REQUIRED MILLWORK BRACKETS TO BE EXTENDED CONCEALED BRACKETS EVERYWHERE EXCEPT WHERE WINDOWS ARE DIRECTLY ABOVE THE COUNTER OR IN PARTIAL HEIGHT WALLS. USE CONCEALED BRACKETS WHERE A WINDOW IS ABOVE THE COUTNER OR IN A PARTIAL HEIGHT WALL. BRACKETS TO BE 2'-0" O.C. MAX. BRACKETS TO BE ATTACHED TO HEAVY GUAGE STEEL STUDS THAT GO TO DECK.



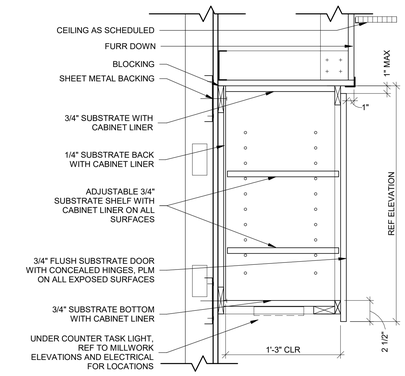

## 5 COUNTER WITH PRINTER SHELF
1 1/2" = 1'-0"



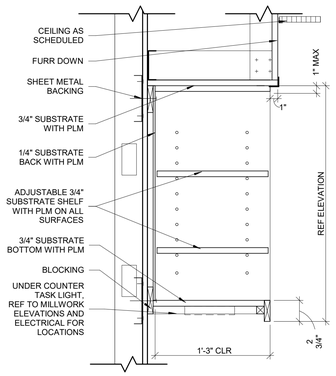

## 6 PHARMACY COUNTER - LOW
1 1/2" = 1'-0"




## 7 PHARMACY COUNTER - HIGH
1 1/2" = 1'-0"




## 8 CLOSED UPPER CABINET - 15" DEEP
1 1/2" = 1'-0"




## 9 OPEN UPPER CABINET - 15" DEEP
1 1/2" = 1'-0"

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# JPS MEDICAL HOME SW SPECIALTY PHARMACY

CONSTRUCTION DOCUMENTS

FORT WORTH, TEXAS

REVISIONS

| NO. | DESCRIP. | DATE |
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TITLE
**MILLWORK SECTIONS**

PROJECT NO.
P30481.11

ISSUE DATE
04/14/2025

DRAWING NO.
**A8.40**

REGISTERED ARCHITECT MICHAEL K. BARNETT STATE OF TEXAS 11483

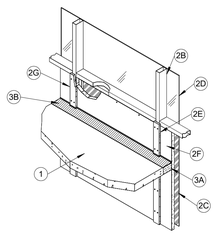
04.14.2025

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OPL SYSTEM NO CEJ-216 P

## PERIMETER BARRIER SYSTEM

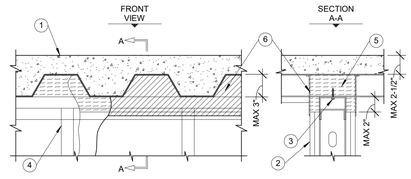



1. FLOOR ASSEMBLY.
2. CURTAIN WALL ASSEMBLY.
   A. MOUNTING ATTACHMENT
   B. ALUMINUM PANELS
   C. GLASS SPANDREL PANELS
   D. GLASS VISION PANELS
   E. IMPALING PINS
   F. CURTAIN WALL INSULATION
   G. FRAMING COVERS
3. 3. PERIMETER JOINT PROTECTION
   A. PACKING MATERIAL
   B. FILL VOID OR CAVITY MATERIAL: FIRESTOP JOINT SPRAY (OR APPROVED EQUAL)

NOTES:
1. CYCLING: BEFORE TESTING THE SPLICED TEST SPECIMEN WAS CYCLED 500 TIMES AT 30 CPM IN ACCORDANCE WITH ICBO ES AC 30 (JAN. 1997) AND ASTM E 1966.
2. SUPPORT CLIPS: (NOT SHOWN) SUPPORT CLIPS ARE OPTIONAL BUT RECOMMENDED FOR INSTALLATION SUBJECT TO VERTICAL SHEAR MOVEMENT. STANDARD Z-SHAPED CLIPS ARE 20 GA GALVANIZED STEEL WITH THE FOLLOWING DIMENSIONS: 1" WIDE BY 3" HIGH WITH A 2" UPPERLEG AND 3" LOWER LEG.

## TOP OF WALL JOINT GYPSUM WALL ASSEMBLY

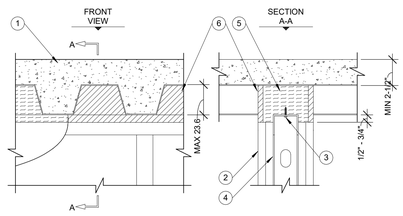
ASSEMBLY RATING = CLASS II AND III MOVEMENT CAPABILITIES - 20% COMPRESSION OR EXTENSION




1. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR (MIN 2-1/2" THICK) OVER METAL DECKING
2. GYPSUM WALL ASSEMBLY
3. METAL DEFLECTION TRACK (MIN 22 GA, 3" FLANGES) FASTENED TO UNDERSIDE OF THE DECK. CEILING RUNNER (1" FLANGES) INSTALLED WITHIN THE U-SHAPED DEFLECTION CHANNEL WITH A 1-1/2" GAP MAINTAINED BETWEEN THE TOP OF THE CEILING RUNNER AND TOP OF DEFLECTION PLATE. (SEE NOTE NO 3 BELOW).
4. STEEL STUDS (MIN 3-1/2" WIDE) CUT 1/2" OR 3/4" LESS IN LENGTH THAN ASSEMBLY HEIGHT, NESTING IN CEILING RUNNER WITHOUT ATTACHMENT.
5. MINERAL WOOL (MIN 4 PCF DENSITY) COMPRESSED 33 PERCENT AND INSERTED INTO FLUTES, FLUSH WITH WALL SURFACES.
6. MINIMUM 1/8" (WET) THICKNESS FIRESTOP JOINT SPRAY TO COMPLETELY COVER MINERAL WOOL AND TO OVERLAP A MINIMUM OF 1/2" ONTO GYPSUM AND METAL DECKING ON BOTH SIDES OF WALL ASSEMBLY.

## TOP OF WALL JOINT : GYPSUM WALL ASSEMBLY

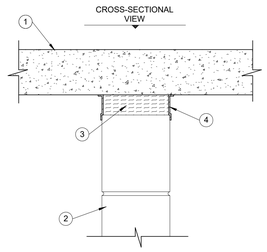
CLASS II MOVEMENT CAPABILITIES - 33% COMPRESSION OR EXTENSION




1. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR (MIN 2-1/2" THICK) OVER METAL DECKING
2. GYPSUM WALL ASSEMBLY
3. CEILING RUNNER (MIN 25 GA, WITH 2" FLANGES) FASTENED TO UNDERSIDE OF THE DECK. (SEE NOTE BELOW).
4. STEEL STUDS (MIN 2-1/2" WIDE), CUT 1/2" TO 3/4" LESS IN LENGTH THAN ASSEMBLY HEIGHT, NESTING IN CEILING RUNNER WITHOUT ATTACHMENT.
5. MINIMUM 2-3/4" OR 4" THICKNESS MINERAL WOOL (MIN 4 PCF DENSITY), FOR 1-HR OR 2-HR FIRE-RATED WALLS RESPECTIVELY, TO BE TIGHTLY PACKED INTO FLUTES/JOINT AND RECESSED 1/2" ON EACH SIDE OF WALL TO ACCOMMODATE SEALANT.
6. MINIMUM 1/2" DEPTH FLEXIBLE SEALANT ON BOTH SIDES OF A WALL ASSEMBLY.

## TOP OF WALL JOINT : CONCRETE WALL OR BLOCK WALL ASSEMBLY

CLASS II MOVEMENT CAPABILITIES - 12.5% COMPRESSION OR EXTENSION

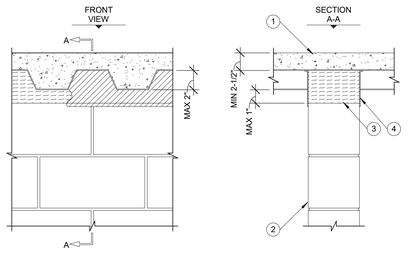



1. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR (MIN 4-1/2" THICK).
2. CONCRETE WALL ASSEMBLY:
   A. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE WALL (MIN 4-3/8" THICK).
3. MINIMUM 4-3/8" THICKESS MINERAL WOOL (MIN 4 PCF DENSITY) COMPRESSED 50 PERCENT.

NOTE : MAXIMUM WIDTH OF JOINT = 2"

## TOP OF WALL JOINT : CONCRETE WALL OR BLOCK WALL ASSEMBLY

CLASS II and III MOVEMENT CAPABILITIES - 12.5% COMPRESSION OR EXTENSION

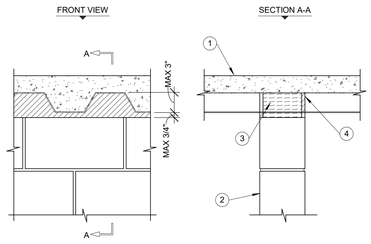



1. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR (MIN 2-1/2" THICK) OVER METAL DECKING.
2. 2. CONCRETE WALL ASSEMBLY:
   A. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE WALL (MINIMUM 6" THICK).
3. MINERAL WOOL (MIN 4 PCF DENSITY) COMPRESSED 33 PERCENT AND INSERTED INTO FLUTES, FLUSH WITH WALL SURFACES.
4. MINIMUM 1/8" (WET) THICKNESS JOINT SPRAY TO COMPLETELY COVER MINERAL WOOL AND TO OVERLAP A MINIMUM 1/2" ONTO CONCRETE WALL AND METAL DECKING ON BOTH SIDES OF WALL ASSEMBLY.

NOTES:
1. STEEL FLOOR UNITS MAY BE SPRAYED WITH A MINIMUM 5/16" THICKNESS TO MAXIMUM 1-3/4" THICKNESS OF UL CLASSIFIED MONOKOTE TYPE MK-6/HY FIREPROOFING MANUFACTURED BY W.R. GRACE.
2. WHEN THE STEEL DECK IS COATED WITH FIREPROOFING, FIRESTOP JOINT SPRAY SHALL OVERLAP THE WALL A MIN OF 1/2" AND OVERLAP THE FIREPROOFING A MIN 2" ON BOTH SIDES OF THE WALL.

## TOP OF WALL JOINT : CONCRETE WALL OR BLOCK WALL ASSEMBLY

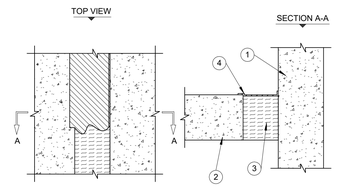
CLASS II MOVEMENT CAPABILITIES = 33% COMPRESSION OR EXTENSION




1. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR (MIN 2-1/2" THICK) OVER METAL DECKING.
2. CONCRETE WALL ASSEMBLY:
   A. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE WALL (MIN 5" THICK).
   B. ANY UL/ULC CLASSIFIED CONCRETE BLOCK WALL.
3. MINIMUM 4" THICKNESS MINERAL WOOL (MIN 4 PCF DENSITY) TIGHTLY PACKED.
4. MINIMUM 1/2" DEPTH FLEXIBLE SEALANT FLUSH WITH BOTH SIDES OFWALL ASSEMBLY.

## JOINT THROUGH CONCRETE FLOOR ASSEMBLY

CLASS II MOVEMENT CAPABILITIES - 14% COMPRESSION OR EXTENSION

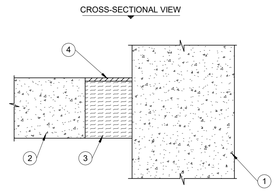



1. CONCRETE WALL ASSEMBLY:
   A. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE WALL (MIN 4-1/2" THICK).
2. LIGHWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR (MIN 4-1/2" THICK) .
3. MINIMUM 4-3/8" THICKNESS MINERAL WOOL (MIN 4 PCF DENSITY).
4. MINIMUM 1/8" (WET) THICKNESS SPRAY APPLIED WITHIN THE JOINT, FLUSH WITH TOP SURFACE OF FLOOR AND LAPPING A MINIMUM 1/2" ONTO THE TOP SURFACE OF THE FLOOR AND SIDE OF WALL.

NOTE : MAXIMUM WIDTH OF JOINT = 3-1/2"

## JOINT THROUGH CONCRETE FLOOR ASSEMBLY

CLASS II MOVEMENT CAPABILITIES - 14% COMPRESSION OR EXTENSION

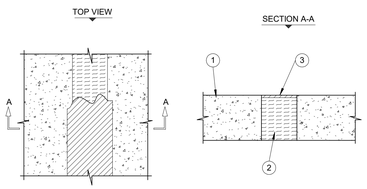



1. CONCRETE WALL ASSEMBLY:
   A. A. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE WALL (MIN 4-1/2" THICK).
2. LIGHWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR (MIN 4-1/2" THICK).
3. MINIMUM 4-1/4" THICKNESS MINERAL WOOL (MIN 4 PCF DENSITY) TIGHTLY PACKED.
4. MINIMUM 1/4" DEPTH ELASTOMERIC FIRESTOP SEALANT.

NOTE : MAXIMUM WIDTH OF JOINT = 3-1/2"

## JOINT THROUGH CONCRETE FLOOR ASSEMBLY

CLASS II MOVEMENT CAPABILITIES - 14% COMPRESSION OR EXTENSION

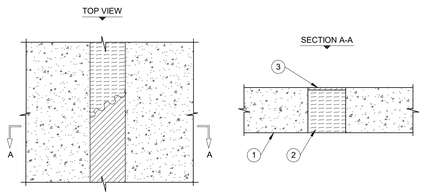



1. CONCRETE FLOOR ASSEMBLY (MINIMUM 4-1/2" THICK).
2. MINIMUM 4-3/8" THICKNESS MINERAL WOOL (MIN 4 PCF DENSITY).
3. MINIMUM 1/8" (WET) THICKNESS SPRAY APPLIED WITHIN THE JOINT, FLUSH WITH TOP SURFACE OF FLOOR AND LAPPING A MINIMUM 1/2" ONTO THE TOP SURFACE OF THE FLOOR ON BOTH SIDES OF JOINT.

NOTE : MAXIMUM WIDTH OF JOINT = 3-1/2"

## JOINT THROUGH CONCRETE FLOOR ASSEMBLY

CLASS II MOVEMENT CAPABILITIES - 14% COMPRESSION OR EXTENSION

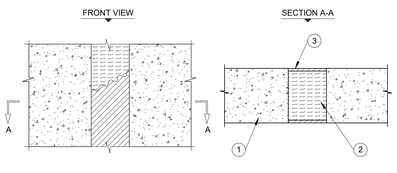



1. CONCRETE FLOOR ASSEMBLY (MINIMUM 4-1/2" THICK).
2. MINIMUM 4-1/4" THICKNESS MINERAL WOOL (MIN 4 PCF DENSITY) TIGHTLY PACKED.
3. MINIMUM 1/4" DEPTH OF ELASTOMERIC SEALANT.

NOTE : MAXIMUM WIDTH OF JOINT = 3-1/2"

## JOINT THROUGH CONCRETE WALL ASSEMBLY

CLASS II MOVEMENT CAPABILITIES - 14% COMPRESSION OR EXTENSION

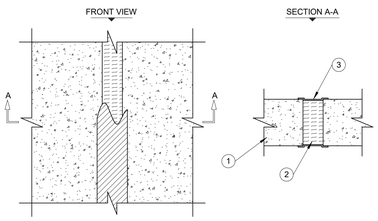



1. CONCRETE WALL ASSEMBLY
   A. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE WALL (MINIMUM 5" THICK).
2. MINIMUM 4-1/4" THICKNESS MINERAL WOOL (MINIMUM 4 PCF DENSITY) TIGHTLY PACKED.
3. MINIMUM 1/4" DEPTH ELASTOMERIC SEALANT.

NOTE : MAXIMUM WIDTH OF JOINT = 3-1/2"

## JOINT THROUGH CONCRETE WALL ASSEMBLY

CLASS II MOVEMENT CAPABILITIES - 12.5% COMPRESSION OR EXTENSION




1. 1. CONCRETE WALL ASSEMBLY:
   A. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE WALL (MIN 4-5/8" THICK).
2. MINIMUM 4-3/8" THICKNESS MINERAL WOOL (MIN 4 PCF DENSITY COMPRESSED 50 PERCENT.
3. MINIMUM 1/8" (WET) THICKNESS SPRAY APPLIED WITHIN THE JOINT, FLUSH WITH EACH SURFACE OF WALL AND LAPPING A MINIMUM 1/2" ONTO WALL ON BOTH SIDES OF JOINT.

NOTE : MAXIMUM WIDTH OF JOINT = 2"


SBL architecture

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# JPS HEALTH NETWORK
# JPS MEDICAL HOME SW SPECIALTY PHARMACY

CONSTRUCTION DOCUMENTS

FORT WORTH, TEXAS

REVISIONS

| NO. | DESCRIP. | DATE |
|---|---|---|

TITLE

## PENETRATION DETAILS

PROJECT NO.
P30481.11

ISSUE DATE
04/14/2025

DRAWING NO.
A9.11

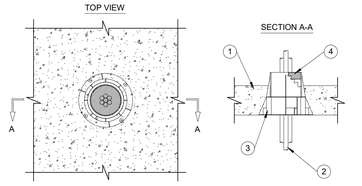
REGISTERED ARCHITECT
MICHAEL K. BARNETT
11493
STATE OF TEXAS

04.14.2025

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4/8/2025 3:46:34 PM C:\Users\dbradley\Documents\P30481.11 JPS Medical Home Specialty Pharmacy V22 Central File4_2025.02.05_dbradleyEKMT4.rvt

## SINGLE CABLE OR BUNDLED CABLE THROUGH CONCRETE FLOOR OR CONCRETE OVER METAL DECKING

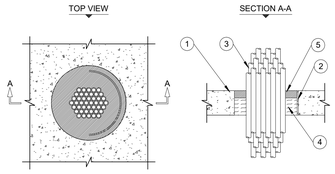



1. CONCRETE FLOOR ASSEMBLY:
   A. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR (MINIMUM 4-1/2" THICK).
   B. STEEL FLOOR UNIT/FLOOR ASSEMBLY - NORMAL WEIGHT CONCRETE FLOOR (MINIMUM 4-1/2" THICK) OVER METAL DECKING.
2. SINGLE CABLE OR BUNDLED CABLE CONSISTING OF ANY OF THE FOLLOWING :
   A. MAXIMUM 300 PAIR NO. 24 AWG TELEPHONE CABLE WITH PVC JACKET.
   B. MAXIMUM 500 KCMIL POWER CABLE WITH PVC JACKET.
   C. MAXIMUM 7/C NO. 12 AWG POWER CABLE WITH PVC JACKET.
   D. MAXIMUM (24 FIBER) 1/2" DIAMETER FIBER-OPTIC CABLE.
   E. MAXIMUM 3/C NO. 12 AWG METAL-CLAD CABLE.
3. CAST-IN FIRESTOP DEVICE, CAST OR GROUTED INTO CONCRETE FLOOR (SEE TABLE BELOW).
4. MINIMUM 1" DEPTH PUTTY STICK APPLIED AROUND SINGLE CABLE OR CABLE BUNDLE.

| MAX DIA OF CABLE BUNDLE | DEPTH |
|---|---|
| 2" | 2.5" |
| 4-1/2" | 4" |
| 6-1/2" | 6" |

NOTE : FOR CONCRETE FLOOR OVER METAL DECKING APPLICATIONS, A METAL DECK ADAPTER IS REQUIRED.

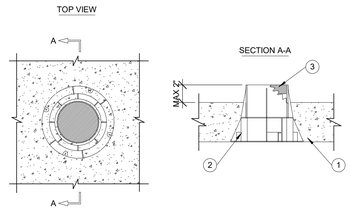
## SINGLE OR MULTIPLE CABLES THROUGH CONCRETE FLOOR/WALL OR BLOCK WALL




1. CONCRETE FLOOR OR WALL ASSEMBLY:
   A. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR (MIN 2-1/2" THICK).
   B. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE WALL (MIN 3" THICK).
   C. ANY UL/ULC CLASSIFIED CONCRETE BLOCK WALL.
2. OPTIONAL: MAXIMUM 6" NOMINAL DIAMETER STEEL PIPE SLEEVE (SCHEDULE 10 OR HEAVIER).
3. MAXIMUM 4" DIAMETER CABLE BUNDLE TO BE A COMBINATION OF ANY OF THE FOLLOWING:
   A. MAXIMUM 300 PAIR NO. 24 AWG TELEPHONE CABLE WITH PVC JACKET.
   B. MAXIMUM 500 KCMIL POWER CABLE WITH PVC JACKET.
   C. MAXIMUM 7/C NO. 12 AWG POWER CABLE WITH PVC JACKET.
   D. MAXIMUM (24 FIBER) 1/2" DIAMETER FIBER-OPTIC CABLE. E. MAXIMUM 3/C NO. 12 AWG METAL-CLAD CABLE.
4. MINIMUM 2" THICKNESS MINERAL WOOL (MIN 4 PCF DENSITY) TIGHTLY PACKED.
5. MINIMUM 1/2" DEPTH INTUMESCENT FIRESTOP SEALANT.

NOTES:
1. MAXIMUM DIAMETER OF OPENING = 6".
2. CABLES TO FILL MINIMUM 25%, TO MAXIMUM 45% OF CROSS-SECTIONAL AREA OF OPENING.
3. STEEL FLOOR UNIT/FLOOR ASSEMBLY (NOT SHOWN)-THE FLOOR ASSEMBLY MAY ALSO CONSIST OF MINIMUM 2-1/2" CONCRETE OVER (1-1/2" TO 3" DEEP) FLUTED METAL DECK.

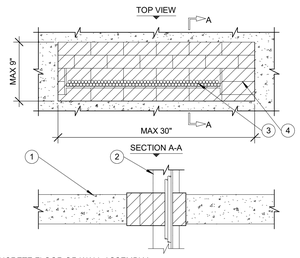
## BLANK OPENING THROUGH CONCRETE FLOOR OR CONCRETE OVER METAL DECKING




1. CONCRETE FLOOR ASSEMBLY:
   A. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR (MIN 4-1/2" THICK).
   B. STEEL FLOOR UNIT/FLOOR ASSEMBLY - NORMAL WEIGHT CONCRETE FLOOR (MIN 4-1/2" THICK) OVER METAL DECKING.
2. CAST-IN FIRESTOP DEVICE (2.5", 4", OR 6"), CAST OR GROUTED INTO CONCRETE FLOOR.
3. MINIMUM 1" DEPTH HILTI CP 618 FIRESTOP PUTTY STICK (OR APPROVED ALTERNATE).

NOTE : FOR CONCRETE FLOOR OVER METAL DECKING APPLICATIONS, A METAL DECK ADAPTER IS REQUIRED.

## CABLE TRAY THROUGH CONCRETE FLOOR/WALL OR BLOCK WALL

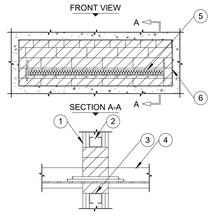



1. CONCRETE FLOOR OR WALL ASSEMBLY:
   A. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR OR WALL (MIN 4-1/2" THICK).
   B. ANY UL/ULC CLASSIFIED CONCRETE BLOCK WALL.
2. MAXIMUM 24"x4" ALUMINUM OR STEEL OPEN LADDER CABLE TRAY. (SEE NOTE NO. 4 BELOW)
3. CABLES TO BE A COMBINATION OF ANY OF THE FOLLOWING:
   A. MAXIMUM 300 PAIR NO. 24 AWG TELEPHONE CABLE
   B. MAXIMUM 500 KCMIL SINGLE CONDUCTOR POWER CABLE.
   C. MAXIMUM (24 FIBER) 1/2" DIAMETER FIBER-OPTIC CABLE.
   D. MAXIMUM 3/C NO. 12 AWG METAL CLAD CABLE.
4. FIRE BLOCK (2" THICK x 8" WIDE x 5" DEEP; REF: TOP VIEW).

NOTES:
1. MAXIMUM AREA OF OPENING = 270 SQUARE INCHES, WITH A MAXIMUM DIMENSION OF 30 INCHES.
2. ANNULAR SPACE = MINIMUM 1", MAXIMUM 4".
3. APPLY INTUMESCENT FIRESTOP SEALANT INTO INTERSTICES OF CABLES, BETWEEN CABLES AND CABLE TRAY, AND ANY VOIDS TO MAXIMUM EXTENT POSSIBLE.
4. MAXIMUM AREA OF CABLES SHALL BE 40% OF CROSS-SECTIONAL AREA OF CABLE TRAY.

## CABLE TRAY THROUGH GYPSUM WALL ASSEMBLY

L-RATING AT AMBIENT = 5 CFM/SQ FT
L-RATING AT 400°F = 2 CFM/SQ FT

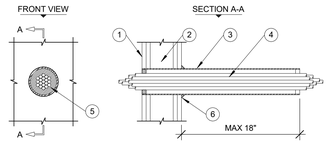



1. GYPSUM WALL ASSEMBLY.
2. (NOT SHOWN). WOOD STUDS TO CONSIST OF NOMINAL 2" x 4" LUMBER. STEEL STUDS TO BE MINIMUM 2-1/2" WIDE.
3. OPENING TO BE "FRAMED OUT" WITH LIGHT GAUGE METAL FRAMING STUDS.
4. OPEN LADDER CABLE TRAY (MAXIMUM 24" x 4", STEEL OR ALUMINUM).
5. CABLES TO BE ANY COMBINATION OF THE FOLLOWING :
   A. MAXIMUM 300 PAIR NO. 24 AWG TELEPHONE CABLE.
   B. MAXIMUM 500 KCMIL SINGLE CONDUCTOR POWER CABLE.
   C. MAXIMUM 1/2" DIAMETER FIBER-OPTIC CABLE (24 FIBER).
   D. MAXIMUM 3/C NO. 12 AWG METAL CLAD CABLE.
6. BLOCKS (2" THICK x 8" WIDE x 5" DEEP, REFERENCE : FRONT VIEW).

NOTES :
1. MAXIMUM SIZE OF OPENING = 9" x 35".
2. ANNULAR SPACE = MINIMUM 1", MAXIMUM 4".
3. MAXIMUM AREA OF CABLES EQUALS 40% OF CROSS-SECTIONAL AREA OF CABLE TRAY.

## CABLE BUNDLE THROUGH GYPSUM WALL ASSEMBLY

L-RATING AT AMBIENT = 5 CFM/SQ FT
L-RATING AT 400°F = 2 CFM/SQ FT

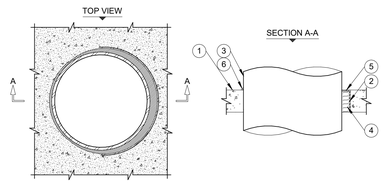



1. GYPSUM WALL ASSEMBLY.
2. (NOT SHOWN). WOOD STUDS TO CONSIST OF NOMINAL 2" x 4" LUMBER. STEEL STUDS TO BE MINIMUM 2-1/2" WIDE.
3. OPTIONAL : MAX 4" NOMINAL DIAMETER STEEL PIPE SLEEVE (SCHEDULE 40 OR HEAVIER) (SEE NOTE NO. 4 BELOW).
4. CABLE BUNDLE TO CONSIST OF ANY COMBINATION OF THE FOLLOWING :
   A. MAXIMUM 7/C NO. 12 AWG CABLE.
   B. MAXIMUM 25 PAIR NO. 24 AWG TELEPHONE CABLE.
   C. RG 59 COAXIAL CABLE.
   D. MAXIMUM 3/C NO. 14 AWG METAL-CLAD CABLE.
   E. MAXIMUM 2/C NO. 8 AWG METAL-CLAD CABLE.
   F. MAXIMUM 5/8 DIAMETER FIBER-OPTIC CABLE.
5. MINIMUM 5/8" DEPTH INTUMESCENT FIRESTOP SEALANT.
6. SEE NOTE NO. 4 BELOW.

NOTES:
1. MAXIMUM SIZE OF OPENING = 4-1/2".
2. ANNULAR SPACE = MINIMUM 1/4", MAXIMUM 3/4".
3. CABLES TO FILL MAXIMUM 45% OF CROSS-SECTIONAL AREA OF OPENING.
4. STEEL SLEEVE MAY BE FLUSH WITH WALL SURFACE OR EXTEND UP TO 18" BEYOND WALL SURFACE. WHEN SLEEVE IS EXTENDED BEYOND ONE OR BOTH SIDES OF WALL, APPLY MINIMUM 1/2"BEAD SEALANT TO WALL/SLEEVE INTERFACE.

## METAL PIPE THROUGH A SLEEVE IN CONCRETE FLOOR/WALL OR BLOCK WALL

L RATING AT AMBIENT = LESS THAN 1 CFM/SQ FT
L RATING AT 400° F = 4 CFM/SQ FT

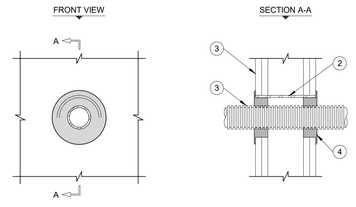



1. CONCRETE FLOOR OR WALL ASSEMBLY:
   A. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR OR WALL (MIN 4-1/2" THICK).
   B. ANY UL/ULC CLASSIFIED CONCRETE BLOCK WALL.
2. OPTIONAL: MAXIMUM 32" NOMINAL DIAMETER STEEL PIPE SLEEVE (SCHEDULE 40 OR HEAVIER).
3. PENETRATING ITEM TO BE ONE OF THE FOLLOWING:
   A. MAXIMUM 30" NOMINAL DIAMETER STEEL PIPE (SCHEDULE 10 OR HEAVIER).
   B. MAXIMUM 30" NOMINAL DIAMETER CAST IRON PIPE.
   C. MAXIMUM 6" NOMINAL DIAMETER COPPER PIPE.
   D. MAXIMUM 6" NOMINAL DIAMETER STEEL CONDUIT.
   E. MAXIMUM 4" NOMINAL DIAMETER EMT.
4. MINIMUM 4" THICKNESS MINERAL WOOL (MIN 4 PCF DENSITY) TIGHTLY PACKED.
5. MINIMUM 1/4" DEPTH INTUMESCENT FIRESTOP SEALANT.
6. MINIMUM 1/4" CROWN INTUMESCENT FIRESTOP SEALANT APPLIED AT POINT OF CONTACT.

NOTES:
1. MAXIMUM DIAMETER OF OPENING = 32".
2. ANNULAR SPACE = MINIMUM 0", MAXIMUM 1-7/8".
3. MINIMUM 1/4" DEPTH SEALANT IS REQUIRED ON BOTH SIDES OF A WALL ASSEMBLY.

## ENT THROUGH GYPSUM WALL ASSEMBLY

L RATING AT AMBIENT = LESS THAN 1 CFM/SQ FT
L RATING AT 400°F = 4 CFM/SQ FT

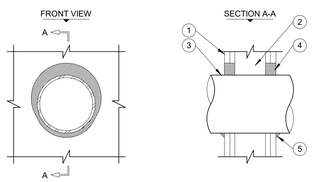



1. GYPSUM WALL ASSEMBLY.
2. OPTIONAL: MAXIMUM 4" NOMINAL DIAMETER STEEL PIPE SLEEVE (SCHEDULE 40) OR THINNER).
3. MAXIMUM 2" NOMINAL DIAMETER ENT.
4. SEALANT:
   A. MINIMUM 5/8" DEPTH

NOTES:
1. MAXIMUM DIAMETER OF OPENING = 4".
2. ANNULAR SPACE = 3/4".

## METAL PIPE THROUGH GYPSUM WALL ASSEMBLY

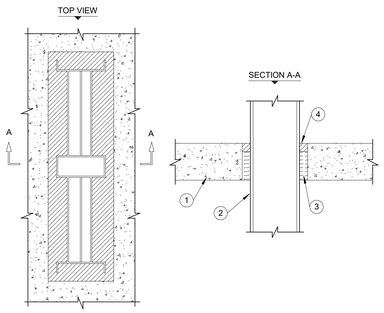
L-RATING AT AMBIENT = LESS THAN 1 CFM/SQ FT
L-RATING AT 400°F = 4 CFM/SQ FT




1. GYPSUM WALL ASSEMBLY.
2. (NOT SHOWN). WOOD STUDS TO CONSIST OF NOMINAL 2" x 4" LUMBER. STEEL STUDS TO BE MINIMUM 2-1/2" WIDE.
3. PENETRATING ITEM TO BE ONE OF THE FOLLOWING :
   A. MAXIMUM 30" DIAMETER STEEL PIPE (SCHEDULE 10 OR HEAVIER).
   B. MAXIMUM 30" DIAMETER CAST IRON PIPE.
   C. MAXIMUM 6" NOMINAL DIAMETER COPPER PIPE.
   D. MAXIMUM 6" NOMINAL DIAMETER STEEL CONDUIT.
   E. MAXIMUM 4" NOMINAL DIAMETER EMT.
4. MINIMUM 1/2" BEAD SEALANT AT POINT OF CONTACT.

NOTES : 1. MAXIMUM DIAMETER OF OPENING :
A. 32-1/4" FOR STEEL STUD WALLS.
B. 14-1/2" FOR WOOD STUD WALLS.
2. ANNULAR SPACE = MINIMUM 0", MAXIMUM 2-1/2".

## ELECTRICAL BUSWAY THROUGH CONCRETE FLOOR/WALL OR BLOCK WALL

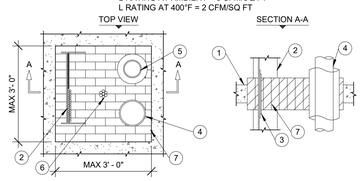



1. CONCRETE FLOOR OR WALL ASSEMBLY:
   A. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR OR WALL (MIN 4-1/2" THICK).
   B. ANY UL/ULC CLASSIFIED CONCRETE BLOCK WALL.
2. ELECTRICAL BUSWAY (NOMINAL 26" WIDE BY 6" DEEP, OR SMALLER) ("I" SHAPED STEEL ENCLOSURE CONTAINING FACTORY MOUNTED ALUMINUM BARS RATED FOR 600V OR 4000A).
3. MINIMUM 3-1/2" THICKNESS MINERAL WOOL (MIN 4 PCF DENSITY) TIGHTLY PACKED.
4. MINIMUM 1" DEPTH SEALANT.

NOTES:
1. MAXIMUM AREA OF OPENING IS 224 SQUARE INCHES WITH A MAXIMUM DIMENSION OF 28 INCHES.

## MULTIPLE PENETRATING ITEMS THROUGH CONCRETE FLOOR/WALL OR BLOCK WALL

L RATING AT AMBIENT = 5 CFM/SQ FT
L RATING AT 400°F = 2 CFM/SQ FT

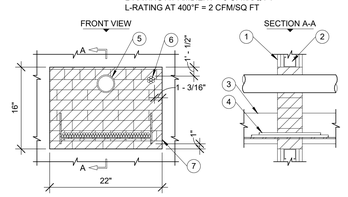



1. CONCRETE FLOOR OR WALL ASSEMBLY:
   A. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR OR WALL (MIN 4-1/2" THICK).
   B. ANY UL/ULC CLASSIFIED CONCRETE BLOCK WALL.
2. MAXIMUM 18" x 6" ALUMINUM OR STEEL OPEN LADDER CABLE TRAY. ANY COMBINATION OF THE FOLLOWING CABLES MAY BE USED WITHIN THE CABLE TRAY (SEE NOTE NO. 4 BELOW):
   A. 7/C NO. 12 AWG COPPER CONDUCTOR CABLE.
   B. MAX 500 KCMIL SINGLE CONDUCTOR CABLE.
   C. MAX 300 PAIR NO. 24 AWG TELEPHONE CABLE.
   D. 24 FIBER-OPTIC CABLE (MAX 1/2" DIAMETER).
3. PENETRATING ITEMS TO BE ANY OF THE FOLLOWING: MAXIMUM 6" NOMINAL DIAMETER STEEL PIPE OR STEEL CONDUIT; MAXIMUM 6" NOMINAL DIAMETER CAST IRON PIPE; OR MAXIMUM 4" NOMINAL DIAMETER COPPER PIPE OR EMT.
4. MAXIMUM 1-1/2" GLASS FIBER INSULATION.
5. MAXIMUM 2" CABLE BUNDLE TO BE A COMBINATION OF ANY OF THE FOLLOWING:
   A. 7/C NO. 12 AWG CABLE.
   B. 25 PAIR NO. 24 AWG TELEPHONE CABLE.
   C. ROMEX (2/C NO. 10 +GRND).
   D. 3/C NO. 8 ALUMINUM CLAD CABLE.
   E. RG 62A COAXIAL
   F. 24 FIBER-OPTIC CABLE (MAX 1/2" DIA). CABLE.
6. BLOCK (2" THICK x 5" WIDE x 8" DEEP, REF. TOP VIEW).

NOTES:
1. MAXIMUM AREA OF OPENING = 1296 SQUARE INCHES, WITH MAXIMUM DIMENSION OF 36 INCHES
2. ANNULAR SPACE FOR CABLE TRAY = MIN 1-1/2", MAX 4-1/2".
3. ANNULAR SPACE FOR PIPE AND CABLE PENETRATIONS = MINIMUM 1", MAXIMUM 4-1/2".
4. MAXIMUM AREA OF CABLES EQUALS 30% OF CROSS-SECTIONAL AREA OF CABLE TRAY.
5. APPLY SEALANT INTO INTERSTICES OF CABLES, BETWEEN CABLES AND CABLE TRAY, AND ANY VOIDS TO MAXIMUM EXTENT POSSIBLE.
6. WIRE MESH (NOT SHOWN). WHEN THE ANNULAR SPACE EXCEEDS 4-1/2", A NOMINAL 2 IN. SQ, NO. 16 SWG WIRE MESH SHALL BE USED TO KEEP THE BLOCKS IN PLACE.

## MULTIPLE PENETRATIONS THROUGH GYPSUM WALL ASSEMBLY

L-RATING AT AMBIENT = 5 CFM/SQ FT
L-RATING AT 400°F = 2 CFM/SQ FT




1. GYPSUM WALL ASSEMBLY.
2. (NOT SHOWN). WOOD STUDS TO CONSISTS OF NOMINAL 2" x 4" LUMBER. STEEL STUDS TO BE MINIMUM 2-1/2" WIDE.
3. OPEN LADDER CABLE TRAY (MAXIMUM 18" x 6", STEEL OR ALUMINUM)/
4. ANY OF THE FOLLOWING CABLES MAY BE USED WITH MAXIMUM 30% FULL OF CABLE TRAY:
   A. MAXIMUM 350 KCMIL SINGLE CONDUCTOR POWER CABLE.
   B. MAXIMUM 7/C NO. 12 AWG COPPER CONDUCTOR CABLE.
   C. MAXIMUM 100 PAIR NO. 24 AWG TELEPHONE CABLE.
5. MAX 3" NOMINAL DIAMETER PVC PLASTIC PIPE (SCHEDULE 40) (CLOSED OR VENTED PIPING SYSTEM) (SEE NOTE NO. 1 BELOW)
6. MAXIMUM 1-1/2" DIAMETER CABLE BUNDLE TO CONSIST OF ANY OF THE FOLLOWING:
   A. FIBER-OPTIC CABLE (24-FIBER)
   B. RG 59 COAXIAL CABLE.
   C. MAX 25 PAIR NO. 24 AWG TELEPHONE CABLE.
   D. MAX 7/C NO. 12 AWG COPPER CONDUCTOR.
7. BLOCKS (2" THICK x 8" WIDE x 5" DEEP, REFERENCE: FRONT VIEW).

NOTES:
1. (NOT SHOWN). PENETRATING ITEMS MAY ALSO INCLUDE A MAX 6" NOMINAL DIA STEEL PIPE, MAX 6" NOMINAL DIA STEEL CONDUIT; MAX 4" NOMINAL DIA COPPER PIPE, OR MAX 4" NOMINAL DIA EMT.
2. (NOT SHOWN): MAX 1-1/2" GLASS-FIBER INSULATION MAY BE USED ON ANY OR ALL METALLIC PIPES.
3. ANNULAR SPACE = MINIMUM 1", MAXIMUM 9-1/4".
4. APPLY SEALANT IN ANY VOID THAT MAY EXIST (AROUND PENETRANTS, INTO INTERSTICES OF CABLES, BETWEEN CABLES AND CABLE TRAY, OR BETWEEN FIRE BLOCKS) TO MAXIMUM EXTENT POSSIBLE.


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**PENETRATION DETAILS**

PROJECT NO.
**P30481.11**

ISSUE DATE
**04/14/2025**

DRAWING NO.
**A9.12**

REGISTERED ARCHITECT — MICHAEL K. BARNETT — 11492 — STATE OF TEXAS
04.14.2025

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# MECHANICAL ABBREVIATIONS, SYMBOLS, AND NOTES

## ABBREVIATIONS

| | |
|---|---|
| A | COMPRESSED AIR |
| ABV | ABOVE |
| A/C | AIR CONDITIONING |
| AD | ACCESS DOOR OR PANEL |
| ADR | AREA DRAIN |
| AFF | ABOVE FINISH FLOOR |
| AFG | ABOVE FINISHED GRADE |
| AHU | AIR HANDLING UNIT |
| AI | ANALOG INPUT |
| AMP | AMPERE |
| BAS | BUILDING AUTOMATION SYSTEM |
| BCV | BALL CHECK VALVE |
| BFF | BELOW FINISHED FLOOR |
| B/C | BELOW CEILING |
| B/G | BELOW GRADE |
| BLDG | BUILDING |
| BOD | BOTTOM OF DUCT |
| BOP | BOTTOM OF PIPE |
| BOS | BOTTOM OF STRUCTURE |
| BR | BRANCH |
| BTUH | BRITISH THERMAL UNITS PER HOUR |
| BWV | BACK WATER VALVE |
| CD | CONDENSATE DRAIN |
| CU | CONDENSING UNIT |
| CFH | CUBIC FEET PER HOUR |
| CFM | CUBIC FEET PER MINUTE |
| CFS | CUBIC FEET PER SECOND |
| CI | CAST IRON |
| CL | CENTERLINE |
| CLG | CEILING |
| CO | CLEANOUT |
| CRU | COMPUTER ROOM UNIT |
| CWS | COOLING WATER SUPPLY |
| CWR | COOLING WATER RETURN |
| D, DR | DRAIN |
| DB | DRY BULB |
| DI | DIGITAL INPUT |
| DIA, Ø | DIAMETER |
| DN | DOWN |
| DO | DIGITAL OUTPUT |
| DS | DOWN SPOUT |
| DWG | DRAWING |
| EA | EXHAUST AIR |
| EAT | ENTERING AIR TEMPERATURE |
| EDH | ELECTRIC DUCT HEATER |
| EF | EXHAUST FAN |
| EFF | EFFICIENCY |
| ELEC | ELECTRICAL |
| ELEV | ELEVATION |
| EP | EXPLOSION PROOF |
| ERV | ENERGY RECOVERY VENTILATOR |
| EUH | ELECTRIC UNIT HEATER |
| EXIST, EX | EXISTING |
| F | FAHRENHEIT |
| FCU | FAN COIL UNIT |
| FD | FIRE DAMPER or FLOOR DRAIN |
| FH | FIRE HYDRANT |
| FLEX | FLEXIBLE |
| FP | FIRE PROOFING |
| FPB | FAN POWERED BOX |
| FPI | FINS PER INCH |
| FPF | FINS PER FOOT |
| FPM | FEET PER MINUTE |
| FPS | FEET PER SECOND |
| FS | FLOW SWITCH or FLOOR SINK |
| FT | FOOT, FEET |
| G | GAS, LOW PRESSURE |
| GAL | GALLON |
| GALV | GALVANIZED |
| GC | GENERAL CONTRACTOR |
| GCO | GRADE CLEAN OUT |
| GEN | GENERATOR |
| GPM | GALLONS PER MINUTE |
| GPH | GALLONS PER HOUR |
| GV | GLOBE VALVE |
| HD | HUB DRAIN |
| HOA | HANDS-OFF AUTOMATIC SWITCH |
| HH | HAND HOLE |
| HP | HORSEPOWER |
| HVAC | HEATING, VENTILATING & AIR CONDITIONING |
| HWS | HOT WATER SUPPLY |
| HWR | HOT WATER RETURN |
| HZ | HERTZ |
| IE | INVERT ELEVATION |
| ID | INSIDE DIAMETER |
| IN | INCH |
| INV | INVERT |
| KW | KILOWATTS (1000 WATTS) |
| LAT | LEAVING AIR TEMPERATURE |
| LF | LINEAR FEET |
| LG | LENGTH |
| LT | LIGHT |
| MAN | MANUAL |
| MAX | MAXIMUM |
| MECH | MECHANICAL |
| MIN | MINIMUM, MINUTE |
| MVD | MANUAL VOLUME DAMPER |
| NIC | NOT IN CONTRACT |
| NC | NORMALLY CLOSED, NOISE CRITERIA |
| NO | NORMALLY OPEN, NUMBER |
| NT | NOT TO SCALE |
| OA | OUTSIDE AIR |
| OBD | OPPOSED BLADE DAMPER |
| OC | ON CENTER |
| OD | OUTSIDE DIAMETER |
| O.F.C.I. | OWNER FURNISHED, CONTRACTOR INSTALLED |
| O.F.O.I. | OWNER FURNISHED, OWNER INSTALLED |
| P | PRESSURE |
| P/A | PRE-ACTION |
| PC | PLUG COCK or PULL CHAIN |
| PE | PNEUMATIC ELECTRIC SWITCH |
| PH | PHASE |
| PIV | POST INDICATOR VALVE |
| PO | PLUGGED OUTLET |
| PNL | PANEL |
| PRV | PRESSURE REDUCING VALVE or PRESSURE RELIEF VALVE |
| PS | PRESSURE SWITCH |
| PSI | POUNDS PER SQUARE INCH |
| PTRV | PRESSURE-TEMPERATURE RELIEF VALVE |
| PVC | POLYVINYL CHLORIDE |
| PWR | POWER |

| | |
|---|---|
| R | RELAY |
| RA | RETURN AIR |
| RD | ROOF DRAIN |
| REC | RECESSED |
| RED | REDUCER |
| RPBFP | REDUCED PRESSURE BACKFLOW PREVENTER |
| BFP | BACKFLOW PREVENTER |
| RTU | ROOFTOP UNIT |
| SS | SANITARY SEWER |
| SA | SUPPLY AIR |
| SAN | SANITARY |
| SD | SMOKE DAMPER |
| SE | SERVICE ENTRANCE |
| SF | SUPPLY FAN, SQUARE FEET |
| SENS | SENSIBLE |
| SH | SUPPLY HOOD |
| SPEC | SPECIFICATION |
| SPRK | SPRINKLER |
| SP | STATIC PRESSURE |
| S.S. | START STOP STATION |
| ST | STACK |
| ST.STL | STAINLESS STEEL |
| SV | SOLENOID VALVE |
| TEMP | TEMPERATURE |
| TSTAT | THERMOSTAT |
| TSP | TOTAL STATIC PRESSURE |
| TYP | TYPICAL |
| UH | UNIT HEATER |
| UF | UNDERFLOOR |
| UG | UNDERGROUND |
| UN | UNION |
| V | VENT, VOLT |
| VAV | VARIABLE AIR VOLUME TERMINAL UNIT |
| VEL | VELOCITY |
| VOL | VOLUME |
| VP | VAPORPROOF |
| VTR | VENT THRU ROOF |
| W | WATT or WIRE |
| W/ | WITH |
| WB | WET BULB |
| WCO | WALL CLEAN OUT |
| WG | WATER GAUGE |
| WSHP | WATER SOURCE HEAT PUMP |
| WP | WEATHERPROOF |

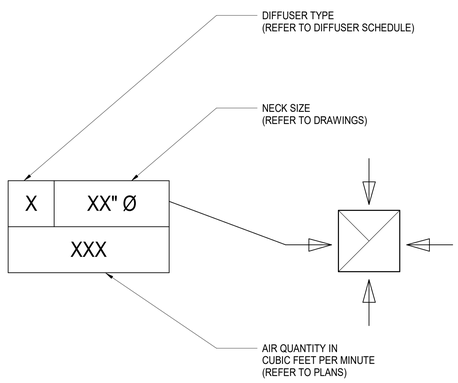
## LEGEND

- 2-WAY CONTROL VALVE
- 3-WAY CONTROL VALVE
- ANCHOR POINT
- AUTOMATIC AIR VENT
- BALANCE VALVE
- BALL VALVE
- BELLOWS TYPE EXPANSION JOINT
- BLIND FLANGE
- BUTTERFLY VALVE
- CAP
- CHECK VALVE
- CO2 SENSOR
- CONCENTRIC REDUCER
- DIFFERENTIAL PRESSURE REDUCING REGULATOR
- DROP IN DUCT
- DUCT MOUNTED SMOKE DAMPER
- ECCENTRIC REDUCER
- ELECTROMAGNETIC FLOW METER
- FIRE DAMPER
- FIRE/SMOKE DAMPER
- FLEX CONNECTOR
- FLEXIBLE DUCTWORK, SIZE AS DESIGNATED ON PLAN
- FLOW ELEMENT
- FLOW IN DIRECTION OF ARROW
- FLOW MEASURING & BALANCING VALVE
- GATE VALVE
- GAUGE COCK
- GLOBE VALVE
- GUIDE OR RACK POINT
- HUMIDITY SENSOR
- MANUAL DAMPER
- MOTORIZED DAMPER
- MULTI-PURPOSE VALVE (SHUTOFF, BALANCING, CHECK)
- NEW TO EXISTING CONNECTION
- PETE'S PLUG
- PLENUM RATED SMOKE DETECTOR
- PLUG VALVE
- POINT OF DISCONNECTION
- PRESSURE GAUGE WITH GAUGE COCK
- PRESSURE INDEPENDENT BALANCE VALVE
- PRESSURE REDUCING VALVE
- PRESSURE SENSOR
- RETURN/EXHAUST AIR FLOW ARROW
- RETURN OR EXHAUST GRILLE, SIZE AND TYPE DESIGNATED ON PLAN
- RETURN OR EXHAUST IN VERTICAL
- RISE IN DUCT
- RISE AND DROP IN PIPING

- SIDEWALL RETURN/EXHAUST GRILLE
- SIDEWALL SUPPLY GRILLE
- SLOPE DOWN IN DIRECTION OF ARROW
- SMOKE DAMPER
- SMOKE DETECTOR
- STRAINER WITH BLOWDOWN VALVE
- SUPPLY AIR FLOW ARROW
- SUPPLY DIFFUSER, SIZE AS DESIGNATED ON PLAN
- SUPPLY DUCT IN VERTICAL
- SYSTEM FILL CONNECTION
- TEMPERATURE ELEMENT
- TEMPERATURE GAUGE WITH GAUGE COCK
- TEMPERATURE SENSOR
- THERMOMETER
- THERMOSTAT
- THERMOWELL
- TURBINE FLOW METER
- TURNING VANES
- ULTRASONIC FLOW METER
- UNION

## MECHANICAL LINE STYLES

| | |
|---|---|
| AD | AUXILIARY DRAIN LINE |
| AR | ATMOSPHERIC RELIEF LINE |
| CD | CONDENSATE DRAIN LINE |
| CHR | CHILLED WATER RETURN |
| CHS | CHILLED WATER SUPPLY |
| CWR | CONDENSOR WATER RETURN |
| CWS | CONDENSOR WATER SUPPLY |
| E | EXPANSION LINE |
| G | NATURAL GAS LINE |
| HWR | HEATING WATER RETURN |
| HWS | HEATING WATER SUPPLY |
| PCHR | PRIMARY CHILLED WATER RETURN |
| PCHS | PRIMARY CHILLED WATER SUPPLY |
| PHWR | PRIMARY HEATING WATER RETURN |
| PHWS | PRIMARY HEATING WATER SUPPLY |
| RL | REFRIGERANT LINE |
| RS | REFRIGERANT SUCTION |
| / | UNDERFLOOR PIPING |




Diffuser Callout Key

SCALE: NOT TO SCALE

## GENERAL CONDITIONS

1. THE GENERAL CONTRACTOR SHALL ACCUMULATE ALL RELATED INFORMATION FROM THEIR SUB-CONTRACTORS AND SUPPLIERS THAT WILL ALLOW THE GENERAL CONTRACTOR TO INCORPORATE ALL ELEMENTS AND WORK OF ALL TRADES INTO A FULLY COORDINATED AUTO-CAD DRAWING SECTION THROUGH AREAS OF DENSE MECHANICAL, ELECTRICAL, CABLE TRAYS, PLUMBING, SECURITY, PA SYSTEM AND FIRE PROTECTION SYSTEMS PRIOR TO THE FABRICATION OR INSTALLATION OF ANY WORK SO AS TO CONFIRM PROPER ACCESS TO ALL ELEMENTS FOR PROPER OPERATION AND MAINTENANCE SERVICE SPACE.

2. ALL WORK BY CONTRACTOR SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE AND LOCAL BUILDING CODES INCLUDING THE CURRENT INTERNATIONAL ENERGY CONSERVATION CODE.

3. MATERIALS AND EQUIPMENT FURNISHED UNDER THE CONTRACT SHALL BE NEW AND SHALL BEAR THE U.L. LABEL WHERE APPLICABLE, UNLESS NOTED OTHERWISE. ALL WORK SHALL BE GUARANTEED AGAINST DEFECTIVE MATERIALS AND WORKMANSHIP FOR A PERIOD OF NOT LESS THAN ONE YEAR AFTER COMPLETION AND ACCEPTANCE BY THE OWNER.

4. CONTRACTOR SHALL INSTALL SYSTEMS WITHOUT INTERFERENCE AND IN STRICT COORDINATION WITH OTHER TRADES.

5. MATERIALS AND WORKMANSHIP SHALL COMPLY WITH THE CONTRACT DOCUMENTS AND APPLICABLE CODES AND STANDARDS. IN CASE OF DIFFERENCE BETWEEN APPLICABLE CODES AND STANDARDS AND THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE OWNER'S REPRESENTATIVE IN WRITING OF SUCH DIFFERENCE. SHOULD THE CONTRACTOR PERFORM ANY WORK THAT DOES NOT COMPLY WITH REQUIREMENTS OF APPLICABLE CODES AND STANDARDS HE SHALL BEAR ALL COSTS ARISING IN CORRECTING SUCH DEFECTS.

6. PROVIDE ACCESS, INCLUDING NECESSARY ACCESS DOORS, FOR EQUIPMENT REQUIRING ADJUSTMENT OR MAINTENANCE. LOCATE ALL EQUIPMENT SUCH THAT OPERATION OR MAINTENANCE IS NOT RESTRICTED.

7. DO NOT RUN PIPING OR DUCTWORK, OR LOCATE EQUIPMENT, WITH RESPECT TO SWITCHBOARDS, PANELBOARDS, POWER PANELS, MOTOR CONTROL CENTERS OR DRY TYPE TRANSFORMERS WITHIN APPLICABLE CODE CLEARANCES OR MANUFACTURER'S RECOMMENDED SERVICE CLEARANCES, WHICHEVER IS GREATER.

8. VERIFY ALL SENSOR AND THERMOSTAT LOCATIONS WITH ARCHITECT PRIOR TO ROUGHING IN. MOUNTING HEIGHTS SHALL COMPLY WITH ACCESSIBILITY STANDARDS.

9. DUCT SIZES SHOWN ON PLANS ARE CLEAR AIRSTREAM DIMENSIONS.

10. PROVIDE MANUAL VOLUME DAMPER AT EACH DIFFUSER/GRILLE BRANCH TAP. PROVIDE DAMPER ADJUSTABLE THROUGH DIFFUSER/GRILLE FACE OR PROVIDE PROVISIONS FOR ADJUSTING DAMPERS IN AREAS WITH HARD CEILING.

11. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF GRILLES AND DIFFUSERS.

12. SMOKE DETECTORS FOR HVAC EQUIPMENT AND SMOKE DAMPERS SHALL BE FURNISHED AND WIRED BY FIRE ALARM CONTRACTOR. MECHANICAL CONTRACTOR SHALL INSTALL FURNISHED DETECTORS IN EQUIPMENT AND/OR DUCTWORK.

13. ALL EXPOSED SUPPLY AND OUTSIDE AIR DUCT SHALL BE INTERNALLY LINED WITH 1" DUCT LINER.

## DEMOLITION NOTES

1. THE SCOPE OF DEMOLITION WORK INCLUDES DEMOLITION AND REMOVAL OF ALL EXISTING HVAC EQUIPMENT SHOWN TO BE REMOVED ON THE DEMOLITION DRAWINGS.

2. LOCATION OF EXISTING EQUIPMENT & PIPING SHOWN ON THESE DRAWINGS IS APPROXIMATE. THE CONTRACTOR IS RESPONSIBLE FOR THE CAREFUL STUDY OF ALL PROPOSED WORK, THE VERIFICATION OF FIELD CONDITIONS, AND THE PERFORMANCE OF COMPLETE DEMOLITION WORK RELATED THERETO.

3. ALL ITEMS CALLED OUT FOR "SALVAGE" SHALL BE CLEANED AND USED ON THIS PROJECT OR CLEANED AND DELIVERED TO THE OWNER IN AN ORDERLY MANNER.

4. ALL DEMOLITION MATERIALS NOT SALVAGED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFF SITE. ALL METALS SHALL BE DISPOSED IN A METAL DUMPSTER. CONTRACTOR SHALL SUPPLY METAL DUMPSTER AND LOCATION SHALL BE COORDINATED WITH THE OWNER.

5. CONTRACTOR SHALL SUBMIT A DEMOLITION PHASING PLAN TO THE ARCHITECT FOR REVIEW AND COMMENT PRIOR TO IMPLEMENTING DEMOLITION ACTIVITIES.

6. EXISTING UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE. CONTRACTOR SHALL LOCATE ALL UTILITIES AFFECTED BY CONSTRUCTION ACTIVITIES AND SHALL PROTECT THEM FROM DAMAGE OR ADJUST AS NECESSARY TO ACTUAL CONDITIONS.

7. CONTRACTOR SHALL COORDINATE ALL SYSTEM SHUTDOWNS AND TESTING WITH THE OWNER.

8. THE CONTRACTOR SHALL RECLAIM REFRIGERANTS FROM AIR CONDITIONING UNITS BEING REMOVED IN ACCORDANCE WITH THE FEDERAL CLEAN AIR ACT, ARI STANDARD 740 AND APPLICABLE STATE OF TEXAS REGULATIONS. ATMOSPHERIC RELEASE OF REFRIGERANTS IS PROHIBITED. THE CONTRACTOR SHALL TURN OVER THE RECLAIMED REFRIGERANTS TO THE OWNER.

9. NO EQUIPMENT SHALL BE REMOVED/DEMOLISHED BEFORE REPLACEMENT EQUIPMENT ARRIVES ON SITE AND VERIFIED FROM OWNER THAT EQUIPMENT CAN BE REMOVED/DEMOLISHED.

**NOTE:** ***SOME SYMBOLS MAY NOT BE USED.***


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04/14/2025

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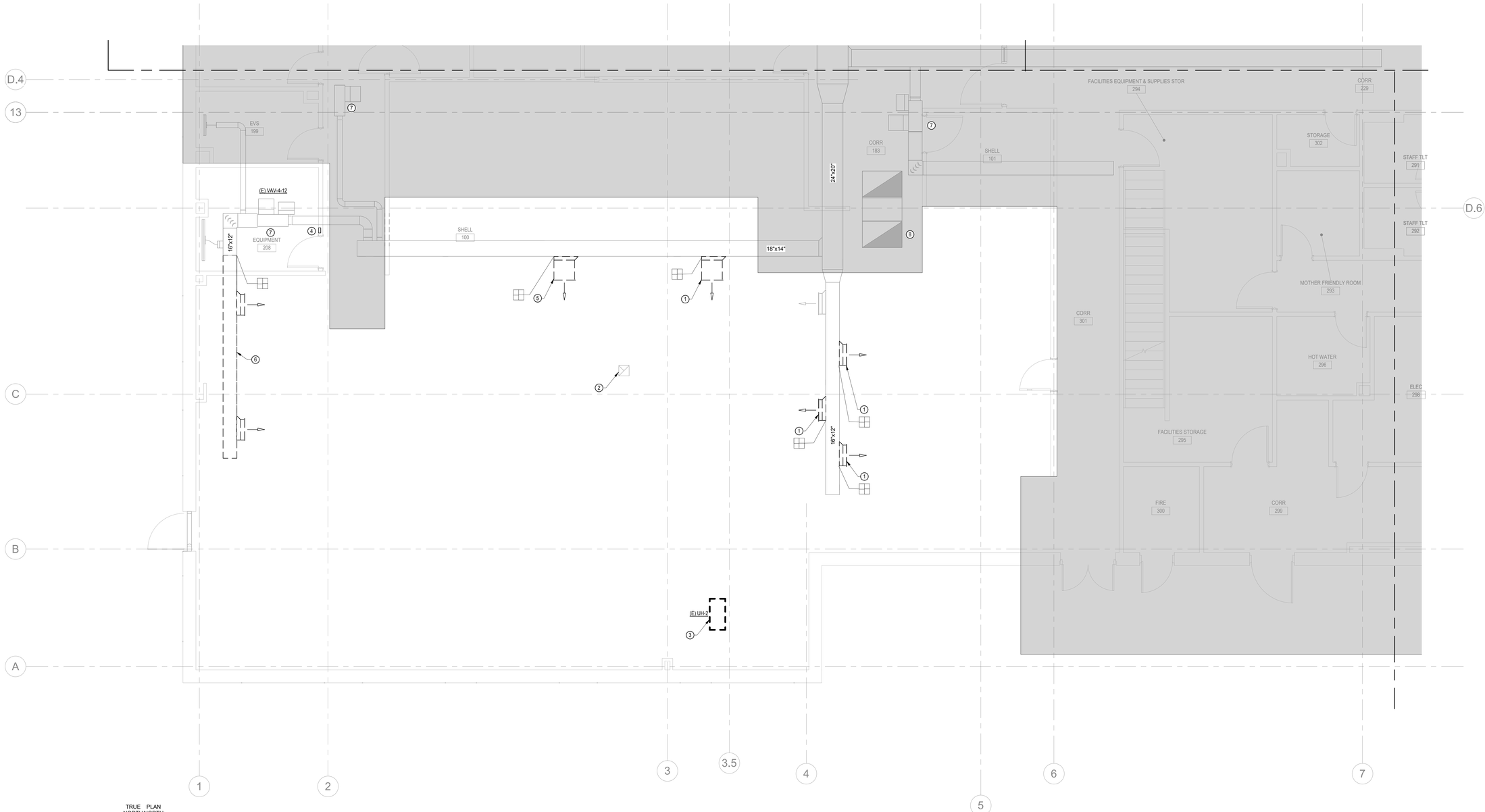
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LEGEND

| | |
|---|---|
| | EXISTING |
| | DEMOLITION |
| | NOT IN SCOPE |

## NOTES BY SYMBOL:

| | |
|---|---|
| 1 | REMOVE EXISTING AIR DEVICE AND CAP DUCTWORK AT THE MAIN AIR TIGHT. |
| 2 | EXISTING EXHAUST AIR DUCT FROM EXISTING EF-11 TO REMAIN. |
| 3 | DEMOLISH UNIT HEATER AND ASSOCIATED MOUNTING SUPPORTS. |
| 4 | EXISTING THERMOSTAT TO BE RELOCATED. REFER TO M1.01 FOR NEW LOCATION. |
| 5 | REMOVE EXISTING AIR DEVICE AND CAP DUCTWORK AT THE MAIN AIR TIGHT. AIR DEVICE SHALL BE REUSED AT LOCATION INDICATED ON M1.01. MEASURE EXISTING AIRFLOW PRIOR TO DEMOLITION FOR BALANCING AFTER RELOCATION. |
| 6 | REMOVE EXISTING AIR DEVICES, DUCTWORK, AND ALL ASSOCIATED APPURTENANCES BACK TO POINT INDICATED AND TEMPORARILY CAP FOR RECONNECTION. |
| 7 | EXISTING TERMINAL UNIT TO REMAIN. |
| 8 | EXISTING RETURN AIR TRANSFER DUCT. |




TRUE NORTH PLAN NORTH

1 MECHANICAL DEMOLITION PLAN - AREA F
SCALE: 1/4" = 1'-0"

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PROJECT NO.
**P30481.11**

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**M0.11**

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## NOTES BY SYMBOL:

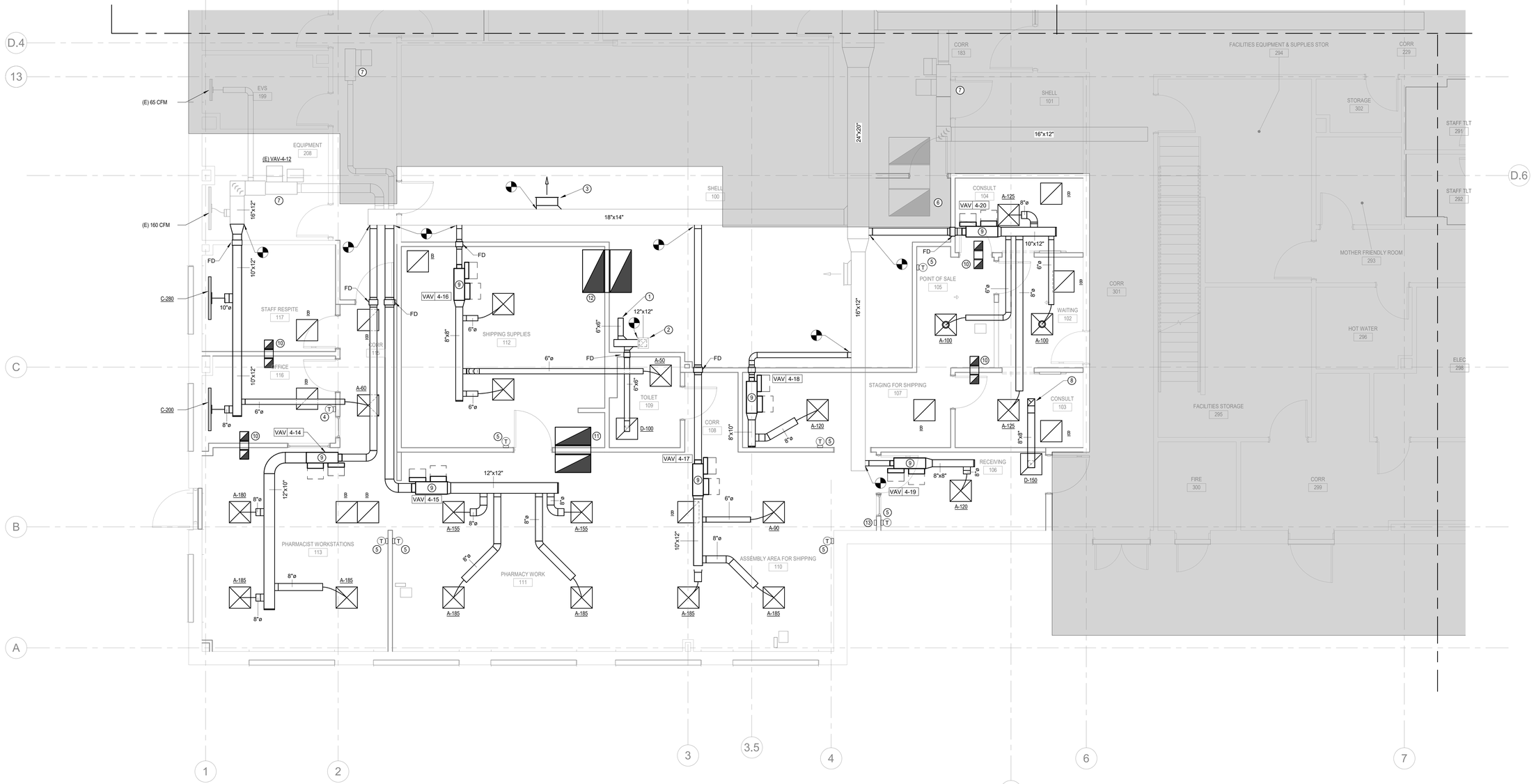
| | |
|---|---|
| 1 | 6X6 EXHAUST OPEN TO SHELL SPACE FOR FUTURE CONNECTION. BALANCE TO 100 CFM. |
| 2 | ROUTE 8X8 EXHAUST UP TO CONNECT TO EXISTING EF-11 AT ROOF. PROVIDE TRANSITION TO FAN CONNECTION SIZE IN VERTICAL AS REQUIRED. |
| 3 | RELOCATED AIR DEVICE BALANCED TO THE SAME CFM AS PREVIOUS. |
| 4 | RELOCATED THERMOSTAT. COORDINATE EXACT LOCATION WITH OWNER/ARCHITECT PRIOR TO ROUGH-IN. |
| 5 | NEW 24/7 DIGITAL PROGRAMMABLE THERMOSTAT TO MATCH EXISTING BUILDING STANDARD. COORDINATE EXACT LOCATION WITH OWNER/ARCHITECT PRIOR TO ROUGH-IN. |
| 6 | EXISTING RETURN AIR TRANSFER DUCT. |
| 7 | EXISTING TERMINAL UNIT TO REMAIN. |
| 8 | 8X8 EXHAUST UP TO NEW EF-15 ON ROOF. PROVIDE TRANSITION TO EXHAUST FAN CONNECTION IN VERTICAL AS REQUIRED. |
| 9 | NEW TERMINAL UNIT TO MATCH EXISTING BUILDING STANDARD. CONNECT TERMINAL UNIT AND ASSOCIATED THERMOSTAT TO EXISTING BAS SYSTEM. |
| 10 | PROVIDE 10X10 INTERNALLY LINED RETURN AIR BOOT WITH MITERED ELBOWS TURNED UPWARD ON EACH SIDE OF THE WALL. |
| 11 | PROVIDE 40X20 INTERNALLY LINED RETURN AIR BOOT WITH MITERED ELBOWS TURNED UPWARD ON EACH SIDE OF THE WALL. |
| 12 | PROVIDE 48X24 INTERNALLY LINED RETURN AIR BOOT WITH MITERED ELBOWS TURNED UPWARD ON EACH SIDE OF THE WALL. |
| 13 | NEW ROOM PRESSURIZATION MONITOR SHALL BE TIED TO EXISTING BAS SYSTEM. |

## LEGEND

- EXISTING
- NEW
- NOT IN SCOPE

## MECHANICAL GENERAL NOTES:

1. FINAL LOCATIONS OF ALL AIR DEVICES SHALL BE COORDINATED WITH ARCHITECTURAL CEILING FINISHES.
2. ALL DUCT SIZE NOTES REFER TO CLEAR INSIDE DIMENSIONS OF DUCTS.
3. PROVIDE VOLUME DAMPERS FOR ALL SUPPLY, RETURN, AND EXHAUST BRANCH DUCTS TO BALANCE ALL SYSTEMS.




TRUE NORTH PLAN NORTH

1 MECHANICAL PLAN - AREA F
SCALE: 1/4" = 1'-0"


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# JPS HEALTH NETWORK
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TITLE
**MECHANICAL PLAN - AREA F**

PROJECT NO.
**P30481.11**

ISSUE DATE
**04/14/2025**

DRAWING NO.
**M1.01**

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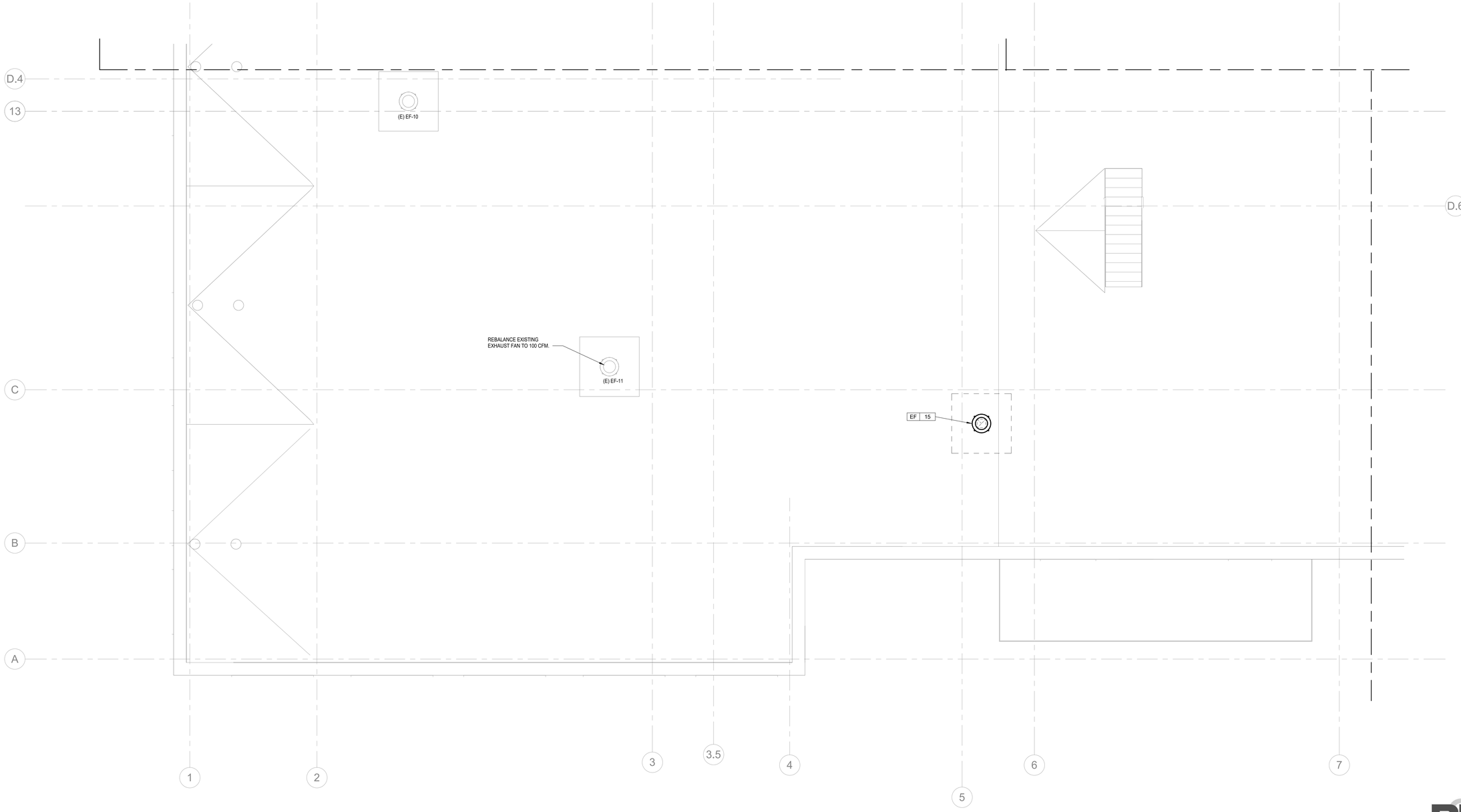


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| LEGEND | |
|---|---|
| | EXISTING |
| | NEW |
| | NOT IN SCOPE |

## MECHANICAL GENERAL NOTES:

1. FINAL LOCATIONS OF ALL AIR DEVICES SHALL BE COORDINATED WITH ARCHITECTURAL CEILING FINISHES.
2. ALL DUCT SIZE NOTES REFER TO CLEAR INSIDE DIMENSIONS OF DUCTS.
3. PROVIDE VOLUME DAMPERS FOR ALL SUPPLY, RETURN, AND EXHAUST BRANCH DUCTS TO BALANCE ALL SYSTEMS.




TRUE NORTH PLAN NORTH

1 MECHANICAL ROOF PLAN - AREA F
SCALE: 1/4" = 1'-0"


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**MECHANICAL ROOF PLAN - AREA F**

PROJECT NO.
**P30481.11**

ISSUE DATE
**04/14/2025**

DRAWING NO.
**M1.02**

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## FAN SCHEDULE

| DESIGNATION | | MFG. | MODEL | TYPE | SERVES | LOCATION | AIRFLOW (CFM) | ESP (IN. W.G.) | FAN RPM | DRIVE TYPE | EFFICIENCY (%) | OUTLET VELOCITY (FT/MIN) | CONTROL | MOTOR | | | | | INPUT dBA | OUTPUT dBA | WEIGHT (LB) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TAG | NUMBER | | | | | | | | | | | | | BHP | HP | V | PHASE | HZ | | | | |
| EF | 11 | GREENHECK | G-097-VG | CENTRIFUGAL DOWNBLAST | 106 RECIEVING | ROOF | 150 | 0.5 | 1 | DIRECT | 26 | 156 | TIME-CLOCK | 0.05 | 1/4 | 115 | 1 | 60 | 50 | 50 | 65 | 1-4 |

NOTES:

1. PROVIDE PREMIUM EFFICIENCY MOTOR AND MOTOR STARTER.
2. PROVIDE MOTOR WITH THERMAL OVERLOAD PROTECTION.
3. ELECTRONICALLY COMMUTATED MOTORS (ECM) SHALL BE PROVIDED ON DIRECT DRIVEN FANS WITH MOTORS 1 HP AND LESS.
4. EXHAUST FAN TO OPERATE CONTINUOUSLY DURING FACILITY OPERATING HOURS.
5. PROVIDE WITH MOTORIZED DAMPER TO BE INTERLOCKED WITH FAN DURING OPERATION. DAMPER SHALL BE OPEN DURING OPERATION AND CLOSED WHEN NOT IN OPERATION.

## VAV TERMINAL SCHEDULE

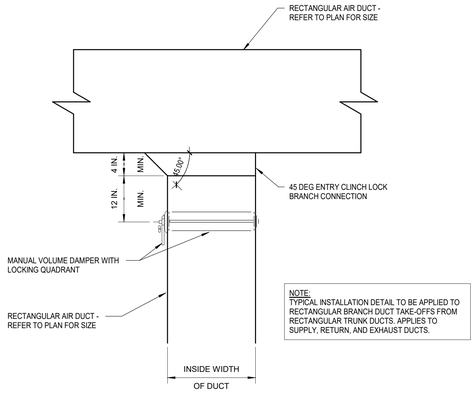
| DESIGNATION | | SERVES | PRIMARY CFM | MIN. PRIMARY CFM | MAX RADIATED NC | INLET SIZE | ESP (IN. W.G.) | ELECTRIC HEATING COIL | | | ELECTRICAL DATA | | | DESIGN BASIS | | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TAG | NUMBER | | | | | | | KW | EAT (F) | LAT (F) | VOLTAGE | PH | HZ | MANUFACTURER | MODEL | |
| VAV | 4-14 | 113 - PHARMACIST WORKSTATIONS | 550 | 275 | 25 | 8" | 0.04 | 3 | 55.0 | 85 | 277 | 1 | 60 | TRANE | VCEF | ALL |
| VAV | 4-15 | 111 - PHARMACY WORK | 680 | 340 | 25 | 10" | 0.02 | 3.5 | 55.0 | 85 | | 1 | 60 | | | ALL |
| VAV | 4-16 | 112 - SHIPPING SUPPLIES | 230 | 125 | 25 | 6" | 0.05 | 1.5 | 55.0 | 85 | 277 | 1 | 60 | TRANE | VCEF | ALL |
| VAV | 4-17 | 111 - PHARMACY WORK | 460 | 230 | 25 | 8" | 0.04 | 2.5 | 55.0 | 85 | 277 | 1 | 60 | TRANE | VCEF | ALL |
| VAV | 4-18 | 107 - STAGING | 120 | 85 | 25 | 6" | 0.01 | 1 | 55.0 | 85 | 277 | 1 | 60 | TRANE | VCEF | ALL |
| VAV | 4-19 | 106 - RECIEVING | 120 | 85 | 25 | 6" | 0.01 | 1 | 55.0 | 85 | 277 | 1 | 60 | TRANE | VCEF | ALL |
| VAV | 4-20 | 102 - WAITING | 450 | 225 | 25 | 8" | 0.04 | 2.5 | 55.0 | 85 | 277 | 1 | 60 | TRANE | VCEF | ALL |

Notes:
1. PROVIDE 24/7 DIDIGTAL PROGRAMMABLE THERMOSTAT AS SHOWN. COORDINATE EXACT LOCATIONS WITH OWNER/ARCHITECT PRIOR TO INSTALLATION.
2. PROVIDE ROUND MEDIUM-PRESSURE TAKE-OFF DUCT SIZED TO MATCH BOX INLET UNLESS OTHERWISE NOTED ON PLANS.
3. INSTALL BOX SUCH THAT CONTROLS PANEL IS SERVICEABLE. COORDINATE HANDING OF EACH BOX WITH FIELD CONDITIONS.
4. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
5. PROVIDE SCR ELECTRIC HEATING COIL.
6. PROVIDE 277V/1PH TO 24V TRANSFORMER.

## AIR DEVICE SCHEDULE

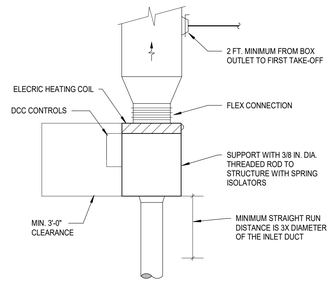
| AIR TERMINAL TAG | TYPE | MAX RADIATED NC | MFG./MODEL | DESCRIPTION | NOTES |
|---|---|---|---|---|---|
| A | CEILING SUPPLY DIFFUSER | 25 | TITUS OMNI | 24"x24" LOUVERED SUPPLY AIR DIFFUSER. COLOR TO BE APPROVED BY ARCHITECT. PROVIDE SECTORIZING BAFFLES WHERE ALTERNATE THROW DIRECTIONS ARE REQUIRED. | 1 - 3 |
| B | RETURN AIR DIFFUSER | 25 | TITUS PAR | 24"x24" PERFORATED FACE CEILING RETURN GRILLE; ALL STEEL; NECK SIZE AS INDICATED ON DRAWINGS; BAKED ENAMEL FINISH; COLOR TO BE APPROVED BY ARCHITECT. | 1 - 3 |
| LD-1 | LINEAR SUPPLY DIFFUSER | 25 | TITUS OMNI | | - |

NOTES:
1. COORDINATE ALL FRAME STYLES WITH ARCHITECTURAL ROOM FINISH SCHEDULE. PROVIDE MANUAL VOLUME DAMPERS AT EACH RUN-OUT DUCT TO DIFFUSERS AND GRILLES UNLESS NOTED OTHERWISE. ALL SQUARE DIFFUSERS ARE 4-WAY THROW UNLESS NOTED OTHERWISE BY FLOW ARROWS ON PLAN.
2. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING DIFFUSERS, REGISTERS AND GRILLES.
3. PROVIDE REMOTE VOLUME DAMPER ADJUSTMENT FOR VOLUME DAMPERS LOCATED ABOVE A GYP. BOARD CEILING.



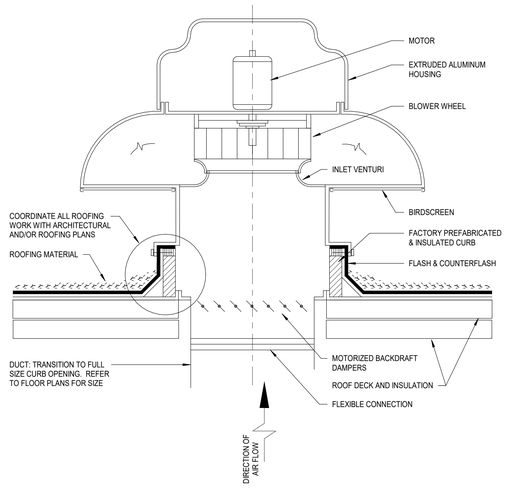

## 4 LOW PRESS RECTANGULAR BRANCH TAKEOFF

SCALE: NOT TO SCALE



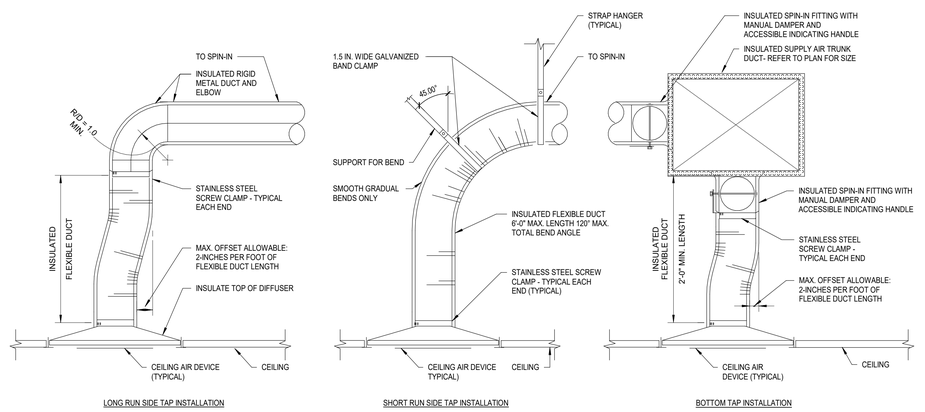

## 3 VAV BOX WITH ELECTRIC REHEAT INSTALLATION DETAIL

SCALE: 1" = 1'-0"




## 2 ROOFTOP CENTRIFUGAL EXHAUST FAN DETAIL

SCALE: NOT TO SCALE




DETAIL NOTES:

1. THREE INSTALLATION OPTIONS ARE SHOWN. PROVIDE THE MOST SUITABLE OPTION BASED UPON ACTUAL DUCT LAYOUT, AIR DEVICE LOCATION, AND FIELD CONDITIONS. PREFERRED INSTALLATION IS SHORT RUN SIDE TAP. WHERE FLEXIBLE DUCT RUN EXCEEDS THE MAXIMUM ALLOWABLE LENGTH, PROVIDE THE LONG RUN SIDE TAP INSTALLATION.
2. INSULATED FLEXIBLE DUCT: U.L. LISTED CLASS 0 OR CLASS 1 AIR DUCT, TESTED IN ACCORDANCE WITH U.L. 181. MAXIMUM LENGTH ALLOWED IS 6 FEET. SIZE IS SAME AS AIR DEVICE NECK SIZE UNLESS OTHERWISE INDICATED.
3. SPIN-IN FITTING: FLARED TYPE WITH BUTTERFLY DAMPER AND INDICATING HANDLE. INSTALL DUCT INSULATION SO THAT DAMPER HANDLE IS ACCESSIBLE AND VISIBLE ON THE BOTTOM OR SIDE OF THE SPIN-IN FITTING.
4. PROVIDE ACCESS TO DAMPERS LOCATED ABOVE FINISHED CEILINGS OR PROVIDE REMOTE VOLUME CONTROL DAMPER (AS MANUFACTURED BY YOUNG REGULATOR) AND BOWEN CABLE CONTROL SYSTEM.
5. INSTALL FLEXIBLE DUCT FULLY EXTENDED WITH NO EXCESS LENGTH BETWEEN CONNECTION POINTS. MAKE SMOOTH ENDS WITHOUT DEFORMING DUCT CROSS-SECTION.
6. EXTEND FLEXIBLE DUCT A MINIMUM LENGTH OF 1.5 DUCT DIAMETERS, 6-INCH MINIMUM, STRAIGHT FROM CONNECTION TO AIR DEVICE BEFORE BENDING. PROVIDE 2'-0" MINIMUM LENGTH FOR BOTTOM TAP INSTALLATION TO ATTENUATE VOLUME DAMPER NOISE. MAKE SMOOTH BENDS WITHOUT DEFORMING DUCT CROSS-SECTION.
7. PROVIDE ROUND-TO-RECTANGULAR INSULATED SHEET METAL TRANSITION AT THE NECK OF THE CEILING AIR DEVICE FOR RECTANGULAR NECK DIFFUSERS/GRILLES.
8. SUPPORT FLEXIBLE DUCT AS RECOMMENDED BYMANUFACTURER. INSTALL USING 1 1/2 in. WIDE (MIN.) BAND CLAMP OR STRAP. MAXIMUM HANGER SPACING IS 4 FEET WITH A MAXIMUM PERMISSIBLE SAG OF 1/2" PER FOOT BETWEEN SUPPORTS. HANGERS MUST MAINTAIN ROUND DUCT SHAPE.
9. INSTALL DAMPER SO AS NOT TO IMPEDE INTO MAIN DUCT.

## 1 LOW PRESSURE BRANCH DUCT to DIFFUSER

SCALE: NOT TO SCALE


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# JPS HEALTH NETWORK
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TITLE
**MECHANICAL DETAILS & SCHEDULES**

PROJECT NO.
**P30481.11**

ISSUE DATE
**04/14/2025**

DRAWING NO.
**M4.01**




04/14/2025


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# ELECTRICAL ABBREVIATIONS, SYMBOLS, AND NOTES

## ABBREVIATIONS

| | |
|---|---|
| AC | ALTERNATING CURRENT |
| ADO | AUTOMATIC DOOR OPENER |
| AF | AMPERE FRAME |
| AFC | ABOVE FINISHED COUNTER |
| AFF | ABOVE FINISHED FLOOR |
| AT | AMPERE TRIP |
| ATS | AUTOMATIC TRANSFER SWITCH |
| C | CONDUIT |
| CB, C/B, CKT BKR | CIRCUIT BREAKER |
| CKT | CIRCUIT |
| CLG | CEILING |
| D | DEMOLITION |
| DC | DIRECT CURRENT |
| DP | DISTRIBUTION PANEL |
| EG | EQUIPMENT GROUND |
| ELEC | ELECTRIC |
| E, EM | EMERGENCY |
| EP | EXPLOSION PROOF |
| EWC | ELECTRIC WATER COOLER |
| EX | EXISTING TO REMAIN |
| F | FUSE |
| FA | FIRE ALARM |
| FAA | FIRE ALARM ANUNCIATOR |
| FACU | FIRE ALARM CONTROL UNIT |
| FCU | FAN COIL UNIT |
| FLA | FULL LOAD AMPS |
| FTU | FAN TERMINAL UNIT |
| G, GND | GROUND |
| GEN | GENERATOR |
| GFI/GFCI | GROUND FAULT CIRCUIT INTERRUPTER |
| HP | HORSE POWER |
| HV, H | HIGH VOLTAGE PANEL (277/480V) |
| IG | ISOLATED GROUND |
| JB, JBOX, J-BOX | JUNCTION BOX |
| LTG | LIGHTING |
| LV | LOW VOLTAGE PANEL (120/208V) |
| MCA | MINIMUM CIRCUIT AMPS |
| MCB | MAIN CIRCUIT BREAKER |
| MCC | MOTOR CONTROL CENTER |
| MDP | MAIN DISTRIBUTION PANEL |
| MH | MANHOLE |
| MLO | MAIN LUGS ONLY |
| MTD | MOUNTED |
| MTG HTG | MOUNTING HEIGHT |
| NAC | NOTIFICATION AMPLIFICATION CIRCUIT |
| NF | NON-FUSED |
| NFSS | NON-FUSED SAFETY SWITCH |
| P | POLE |
| PH | PHASE |
| PB | PULL BOX |
| PNL | PANEL |
| POD | POWER OPERATED DAMPER |
| PWD | POWER |
| R | RELOCATED DEVICE |
| RECEPT, RCPT | RECEPTACLE |
| TEL | TELEPHONE |
| TR | TAMPER RESISTANT |
| TV | TELEVISION |
| UH | UNIT HEATER |
| UON | UNLESS OTHERWISE NOTED |
| V | VOLTAGE |
| VFD | VARIABLE FREQUENCY DRIVE |
| VP | VAPOR PROOF |
| W | WIRE |
| W/ | WITH |
| WP | WEATHER PROOF |
| X | DEMOLISH |
| XFMR, XFR, T | TRANSFORMER |

## UNIVERSAL

WALL BRACKET

| | |
|---|---|
| FIRE ALARM ELEVATION | 7'-4" |
| LIGHTING ELEVATION | REFER TO FIXTURE SCHEDULE |
| POWER ELEVATION | REFER TO EQUIPMENT INSTALL MANUAL |

*STEM/WALL BRACKET APPLIES TO ALL DEVICES-LIGHTS, JBOXES, AND FIRE ALARM DEVICES*

## WIRING

- HOMERUN WITH 1#12,1#12N,1#12G,3/4"C.
- HOMERUN
- NEUTRAL WIRE (SHORT STROKE)
- PHASE OR SWITCHED WIRE (LONG STROKE)
- GROUND WIRE (FILLED CIRCLE)
- ISOLATED GROUND WIRE (OPEN CIRCLE)
- GROUND
- GROUNDING TRIAD
- CONDUIT CONCEALED IN WALL OR ABOVE CEILING
- CONDUIT CONCEALED IN SLAB, UNDER FLOOR, OR BELOW GRADE

## TRANSFORMERS & PANELS

- T — TRANSFORMER
- PANEL BOARD (480/277 VOLT)
- SWITCHBOARD / DISTRIBUTION PANEL (480/277 VOLT)
- PANEL BOARD (208/120 VOLT)
- SWITCHBOARD / DISTRIBUTION PANEL (208/120 VOLT)

**NOTE: *SOME SYMBOLS MAY NOT BE USED.***

## LIGHT FIXTURES

- 1'x4' LIGHT FIXTURE
- 2'X2' LIGHT FIXTURE
- 2'X4' LIGHT FIXTURE
- 4' STRIP LIGHT FIXTURE
- DOWN LIGHT FIXTURE
- WALL WASHER FIXTURE
- SINGLE HATCHING INDICATED LIGHT FIXTURE ON EMERGENCY SERVICE OR BATTERY PACK
- DROP DOWN EMERGENCY LIGHT
- PENDANT LIGHT FIXTURE
- EMERGENCY WALL PACK
- EXTERIOR LIGHT-POLE MOUNTED (SINGLE HEAD)
- A1 — LIGHTING CONTROL DESIGNATION REFER TO SEQUENCE OF OPERATIONS SCHEDULE

## SECURITY DEVICES

- M — SECURITY MOTION SENSOR
- L — SECURITY LONG RANGE BEAM DETECTOR
- L, E — SECURITY EXTERIOR LONG RANGE BEAM DETECTOR
- S — SECURITY KEYPAD
- EX — EXPANSION MODULE WITH POWER SUPPLY

## LIGHT FIXTURE LABELING

- A 12 / f NL — UPPERCASE LETTER - INDICATES FIXTURE TYPE, REFER TO FIXTURE SCHEDULE
- LOWERCASE LETTER - INDICATED SWITCHING GROUP
- NUMBER INDICATES CIRCUIT
- NL - INDICATES NIGHT LIGHT
- a b — FIXTURE LOWER CASE LETTERS INDICATE SWITCH LEGS

## FIRE PROTECTION & EMERGENCY

- SINGLE SIDED EXIT SIGN
- SINGLE SIDED EXIT SIGN WITH ARROW
- DOUBLE SIDED EXIT SIGN
- DOUBLE SIDED EXIT SIGN WITH ARROWS
- SMOKE DETECTOR
- HEAT DETECTOR
- ER — SMOKE DETECTOR-ELEVATOR RETURN
- DD — SMOKE DETECTOR-DUCT TYPE
- SS — SMOKE DETECTOR-SINGLE STATION
- F — FIRE ALARM-AUDIO ONLY
- FIRE ALARM STROBE-VISUAL ONLY
- FIRE ALARM COMBO-AUDIO/VISUAL
- FACP — FIRE ALARM PANEL
- F — FIRE ALARM PULL STATION
- F — FIREMAN PHONE
- S — FIRE ALARM SPEAKER
- DH — DOOR HOLDERS
- FS — FLOW SWITCH
- TS — TAMPER SWITCH
- F — FIRE ALARM CONNECTION

## SWITCHES & MISC.

NOTE: REFER TO CONTROLS DRAWINGS AND SEQUENCE OF OPERATION SCHEDULE FOR MORE INFORMATION

- $ — SWITCH (LOW VOLTAGE U.O.N.)
- $D — DIMMER SWITCH
- $LV — LINE VOLTAGE SWITCH
- $D3 — THREE WAY DIMMER SWITCH
- $M — MOTOR SWITCH
- $P — PROJECTOR SWITCH
- $PL — PILOT LIGHT SWITCH
- $T — TIMER SWITCH
- $WP — WEATHER PROOF SWITCH
- $OS — WALL MOUNTED OCCUPANCY SENSOR
- $VS — WALL MOUNTED VACANCY SENSOR
- HDMI-A — JACK MODULE HDMI COUPLER
- A1 — SEQUENCE OF OPERATION
- VC — CEILING MOUNTED VACANCY SENSOR - REFER TO SPECIFICATIONS FOR TYPE
- OC — CEILING MOUNTED OCCUPANCY SENSOR - REFER TO SPECIFICATIONS FOR TYPE
- PC — PHOTO CELL
- TC — TIME CLOCK
- LIGHTING CONTACTOR
- DIMMER CONTROL PANEL
- VFD — VARIABLE FREQUENCY DRIVE
- CB — ENCLOSED CIRCUIT BREAKER
- NON-FUSED DISCONNECT SWITCH
- CIRCUIT BREAKER IN NEMA ENCLOSURE
- FUSED DISCONNECT SWITCH 30A/30F/3P UON
- FUSED DISCONNECT SWITCH W/ MOTOR STARTER
- M — ELECTRIC METER
- ATS — AUTOMATIC TRANSFER SWITCH
- MOTOR
- ELECTRICAL CONNECTION TO MECHANICAL DEVICE

## OUTLETS & RECEPTACLES

- DUPLEX RECEPTACLE
- ABOVE COUNTER
- QUADRAPLEX RECEPTACLE
- SINGLE RECEPTACLE
- FLOOR BOX
- DUPLEX RECEPTACLE (CEILING MOUNTED)
- SPECIAL OUTLET WITH NEMA CONFIGURATION TYPE CALLED OUT
- DUPLEX RECEPTACLE (1/2 SWITCHED)
- DUPLEX RECEPTACLE WITH USB PORT
- J — JUNCTION BOX
- SPD — TELEVISION CONNECTION SERVICE
- POKE THRU DEVICE (FLOOR MOUNTED)
- WIRE MOLD
- POWER POLE
- GROUND BAR

## ONE LINE/RISER DIAGRAM

- 30 SPARE — SWITCH
- 30 SPARE — FUSE
- 300 SPARE LSI — MOLDED CASE CIRCUIT BREAKER
- 600 SPARE LSIG — DRAW OUT CIRCUIT BREAKER
- AUTOMATIC TRANSFER SWITCH
- GF — GROUND FAULT RELAY
- GROUND ROD
- M — DIGITAL METER
- TRANSFORMER
- UPS BATTERY
- UPS DC/AC INVERTER
- N / G — NEUTRAL AND GROUND BUS. ARC INDICATES N-G BOND

- 600 / 600 RATED / 100% LSA — AF / AT — FRAME RATING / TRIP RATING
- LSI, LSIG, LSIA — ELECTRONIC TRIP FUNCTIONS
- 300 / 1200 — GFCI — GFCI CIRCUIT BREAKER
- 30 SPARE — GFR — GFR CIRCUIT BREAKER
- BATTERY AND DISCONNECT
- K / 1 — KIRK KEY. SUBSCRIPT INDICATES CONNECTION GROUPING

## GENERAL NOTES

### GENERAL CONDITIONS

1. THE DRAWINGS ARE GENERALLY DIAGRAMMATIC AND IT IS THE INTENT AND MEANING OF THE CONTRACT DOCUMENTS THAT THE CONTRACTOR SHALL PROVIDE AN ELECTRICAL INSTALLATION THAT IS COMPLETE AND ALL ITEMS AND APPURTENANCES NECESSARY, REASONABLE INCIDENTAL, OR CUSTOMARILY INCLUDED, EVEN THOUGH EACH AND EVERY ITEM IS NOT SPECIFICALLY CALLED OUT OR SHOWN. THE CONTRACTOR SHALL PROVIDE ALL EQUIPMENT, MATERIALS, LABOR, SUPERVISION AND SERVICE NECESSARY SO AS TO PROVIDE A COMPLETE, FUNCTIONING ELECTRICAL SYSTEM IN SAFE WORKING ORDER.
2. SYMBOLS FOR VARIOUS ELEMENTS AND SYSTEMS ARE SHOWN ON THE DRAWINGS. SHOULD THERE BE ANY DOUBT REGARDING THE MEANING OR INTENT OF THE SYMBOLS USED, AN INTERPRETATION SHALL BE OBTAINED FROM THE ARCHITECT IN WRITING. THE DECISION OF THE ARCHITECT SHALL BE FINAL.
3. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO EXAMINE THE CONTRACT DOCUMENTS CAREFULLY, WITH PARTICULAR ATTENTION TO ERRORS AND OMMISIONS; CONFLICTS WITH PROVISIONS OF LAWS AND CODES HAVING JURISDICTION; CONFLICTS BETWEEN DRAWINGS; CONFLICTS BETWEEN DRAWINGS AND SPECIFICATIONS; AMBIGUOUS DEFINITION OF EXTENT OF COVERAGE OR THE EXTENT OF COVERAGE BETWEEN TRADES. ANY SUCH DISCREPANCY OR OMMISION SHALL BE BROUGHT IMMEDITELY TO THE ATTENTION OF THE ARCHITECT FOR CORRECTION.
4. WHEREVER CONFLICTS OCCUR BETWEEN DIFFERENT PARTS OF THE CONTRACT DOCUMENTS, THE GREATER QUANTITY, THE BETTER QUALITY, OR LARGER SIZE SHALL PREVAIL UNLESS THE ARCHITECT INFORMS THE CONTRACTOR OTHERWISE IN WRITING.
5. THE SCALE OF EACH DRAWING IS RELATIVELY ACCURATE; ANY DIMENSIONS SHOWN ARE APPROXIMATE TO CENTERLINE FROM ASSUMED BUILDING PERIMETER. THE CONTRACTOR SHALL OBTAIN THE NECESSARY DIMENSIONS FOR ANY EXACT TAKEOFFS FROM THE ARCHITECT. NO ADDITIONAL COST TO THE OWNER WILL BE CONSIDERED FOR FAILURE TO OBTAIN EXACT DIMENSIONS WHERE NOT CLEAR OR IN ERROR ON THE DRAWINGS. ANY DEVICE OR FIXTURE ROUGHED IN IMPROPERLY AND NOT POSITIONED ON IMPLIED CENTER-LINES OR AS REQUIRED BY GOOD PRACTICE MUST BE REPOSITIONED AT NO COST TO THE OWNER.
6. ALL WORK AND MATERIALS SHALL BE GUARANTEED FREE FROM DEFECTS FOR A MINIMUM PERIOD OF ONE YEAR UNLESS OTHERWISE NOTED . THE WARRANTY PERIOD SHALL BEGIN AT THE DATE OF BENEFICIAL OCCUPANCY OF THE FACILITY.
7. THE GENERAL CONTRACTOR SHALL REQUIRE ALL RELATED INFORMATION FROM THEIR SUB-CONTRACTORS AND SUPPLIERS THAT WILL ALLOW THE GENERAL CONTRACTOR TO INCORPORATE ALL ELEMENTS AND WORK OF ALL TRADES INTO A FULLY COORDINATED AUTO-CAD OR REVIT DRAWING SECTION THROUGH AREAS OF DENSE MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION SYSTEMS PRIOR TO THE FABRICATION OR INSTALLATION OF ANY WORK SO AS TO CONFIRM PROPER ACCESS TO ALL ELEMENTS FOR PROPER OPERATION AND MAINTENANCE SERVICE SPACE.
8. ONLY EXPERIENCED CRAFTSMEN KNOWLEDGEABLE IN THEIR RESPECTIVE TRADE SHALL PERFORM THE WORK DESCRIBED IN THE CONSTRUCTION DOCUMENTS.
9. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENTLY ADOPTED EDITION OF NFPA STANDARD 70 (NATIONAL ELECTRICAL CODE). CONTRACTOR SHALL ALSO CONFORM TO ALL APPLICABLE LOCAL CODES AND AMENDMENTS.
10. ALL ELECTRICAL EQUIPMENT, INCLUDING BUT NOT LIMITED TO SWITCHGEAR, CONDUIT, WIRE, BOXES AND FITTINGS SHALL BE NEW AND SHALL MEET NEMA AND ANSI STANDARDS AND SHALL BEAR THE UL LABEL. ALL FEEDER AND BUSSING SHALL BE COPPER UNLESS OTHERWISE NOTED.
11. DURING RENOVATIONS PROJECTS, WHEN A CEILING IS OPENED UP, REMOVE ALL ABANDONED WIRE, CABLE, AND CONDUIT AND CLOSE/PROVIDE COVER PLATES FOR ALL JUNCTION BOXES.

### CONDUIT AND RACEWAYS

1. ALL WORK SHALL BE COORDINATED SO THAT INTERFERENCES ARE AVOIDED. PROVIDE ALL NECESSARY OFFSETS IN CONDUITS, RACEWAYS, ETC., REQUIRED TO PROPERLY INSTALL THE WORK. EXPOSED WORK MUST BE KEPT AS CLOSE AS POSSIBLE TO WALLS, CEILINGS, COLUMNS, ETC., SO AS TO TAKE UP MINIMUM AMOUNT OF SPACE. ALL OFFSETS, FITTINGS, ETC., REQUIRED SHALL BE PROVIDED WITHOUT ADDITIONAL EXPENSE TO THE OWNER. WORK SHALL BE COORDINATED WITH OTHER TRADES.
2. CONDUIT RUNS ARE DIAGRAMMATIC IN NATURE. CONTRACTOR IS RESPONSIBLE FOR SIZING AND LOCATING PULL BOXES PER N.E.C. AND FOR COORDINATION WITH OTHER DISCIPLINES.
3. CONTRACTOR SHALL INSTALL (1) 3/4" CONDUIT FOR EACH SET OF (3) SPARES AND/OR SPACES OR FRACTION THEREOF FROM EACH FLUSH MOUNTED PANELBOARD. THE SPARE CONDUITS SHALL STUB-UP INTO THE NEAREST ACCESSIBLE CEILING CAVITY.
4. CONTRACTOR SHALL PROVIDE AND INSTALL ADEQUATE SUPPORTS NECESSARY FOR THE RACEWAY SYSTEM. THIS INCLUDES BUT IS NOT LIMITED TO BLOCKING FOR SURFACE AND FLUSH MOUNTED PANELS. CONTRACTOR SHALL REFER TO MANUFACTURER'S RECOMMENDATIONS FOR SIZES AND QUANTITIES OF ALL SUPPORTING MEANS.
5. CONTRACTOR SHALL PROVIDE FIRE STOPPING SYSTEMS FOR ALL CONDUIT AND RACEWAY SYSTEMS AT ALL PENETRATIONS OF WALLS, FLOORS, ROOFS, AND STRUCTURAL BEAMS FOR THE PASSAGE OF ELECTRICAL PENETRATIONS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER OF RECORD PRIOR TO THE COMMENCEMENT OF WORK. ALL SUCH PENETRATIONS SHALL BE PROPERLY SEALED OFF AFTER INSTALLATION OF RACEWAY SO AS TO MAINTAIN THE STRUCTURAL, WATER PROOF, AND FIRE PROOF INTEGRITY OF THE SYSTEM PENETRATED. THE CONDUITS SHALL BE DRIED PRIOR TO INSTALLATION OF WIRE/CABLE AND SHALL BE SEALED AT TERMINATIONS.
6. ALL BOXES AND CONDUIT IN WALLS AND CEILING SHALL BE FLUSH MOUNTED OR CONCEALED UNLESS OTHERWISE NOTED.

### BRANCH CIRCUITS AND FEEDERS

1. BRANCH CIRCUITS MAXIMUM VOLTAGE DROP SHALL NOT EXCEED 3%. FOR 120V, 20A/1P FEEDERS, PROVIDE #12 AWG WIRING UP TO 100 FEET RUN. PROVIDE #10 AWG WIRING UP TO 200 FEET RUN. PROVIDE #8 AWG WIRING UP TO 300 FEET RUN. UPSIZE WIRING IF NEEDED. REFER TO SPECIFICATIONS FOR ADDITIONAL WIRING INFORMATION. BRANCH CIRCUITS MAXIMUM VOLTAGE DROP SHALL NOT EXCEED 3%. FOR 277V, 20A/1P FEEDERS, PROVIDE #12 WIRING UP TO 200 FEET RUN. PROVIDE #10 AWG WIRING UP TO 400 FEET RUN. PROVIDE #8 AWG WIRING UP TO 700 FEET RUN. UPSIZE WIRING IF NEEDED. REFER TO SPECIFICATIONS FOR ADDITIONAL WIRING INFORMATION.
2. ALL CONDUCTORS SHALL BE SOFT DRAWN ANNEALED COPPER, 98% CONDUCTIVITY CONTINUOUS FROM OUTLET TO OUTLET. CONDUCTOR SIZES #12 AWG LARGER SHALL BE STRANDED.
3. A SEPARATE INSULATED EQUIPMENT GROUNDING CONDUCTOR SHALL BE PULLED WITH ALL CIRCUIT CONDUCTORS. CONDUIT DOES NOT COUNT AS A GROUND PATH. PROVIDE DEDICATED GROUNDS FOR EACH CIRCUIT AND NO COMMON NEUTRALS OR GROUNDS.
4. CONTRACTOR SHALL GROUND ALL EQUIPMENT AND ELECTRICAL SYSTEMS PER N.E.C.
5. IN INSTANCES WHERE DEMOLITION IS REQUIRED, THE CONTRACTOR SHALL DISCONNECT AND REMOVE ALL UNUSED CONDUIT AND WIRING BACK TO THE ELECTRICAL PANEL.

### LIGHTING SYSTEM

1. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR LOCATION OF ALL CEILING ELEMENTS (LIGHTS, SPRINKLERS, DIFFUSERS, ETC). ALL CEILING MOUNTED ITEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE ARCHITECTURAL DIMENSIONED DRAWINGS. IF LOCATION FOR AN ITEM IS NOT SHOWN ON THE ARCHITECTURAL DRAWINGS, VERIFY THE EXACT LOCATION OF THE ITEM WITH THE ARCHITECT PRIOR TO INSTALLATION. THESE REQUIREMENTS APPLY TO ALL CEILING TYPES IN ALL AREAS. DO NOT SCALE OR DIMENSION LOCATIONS FROM THESE DRAWINGS.
2. CONTRACTOR SHALL PROVIDE AND INSTALL ALL SUPPORTS FOR LIGHT FIXTURES. SUPPORTS SHALL BE INDEPENDENT OF THE CEILING GRID SUPPORT SYSTEM.
3. LIGHT SWITCHES LOCATED IN A ROOM SHALL CONTROL ALL THE LIGHT FIXTURES IN THAT ROOM UNLESS OTHERWISE NOTED. ALL CEILING MOUNTED OCCUPANCY SENSORS SHOWN AS SOLE SOURCE OF CONTROL SHALL BE PROVIDED WITH MANUAL OVER-RIDE SWITCH ON WALL COORDINATE LOCATION WITH ARCHITECT. CONTRACTOR SHALL GANG TOGETHER ALL SWITCHES UNDER A SINGLE COVER PLATE IN ALL AREAS THAT REQUIRE MORE THAN ONE SWITCH TO CONTROL ELECTRICAL DEVICES.
4. IN INSTANCES WHERE A DIMMING SYSTEM, AND/OR LIGHTING CONTROL SYSTEM IS SPECIFIED, THE CONTRACTOR SHALL COORDINATE ALL NECESSARY COMPONENTS OF SUCH SYSTEM(S) WITH THE MANUFACTURER PRIOR TO BID AND INCLUDE ALL NECESSARY ACCESSORIES TO INSTALL A COMPLETE AND FUNCTIONING SYSTEM.
5. LIGHTING CONTROLS TO COMPLY WITH THE CURRENTLY ADOPTED ENERGY CODE. SEE LIGHTING PLANS.
6. ALL LIGHT FIXTURES SHALL BE LED TYPE AS INDICATED.

### OUTLETS AND POWER DEVICES

1. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR LOCATION AND MOUNTING HEIGHT OF ALL WALL AND FLOOR MOUNTED ELEMENTS (OUTLETS, LIGHT SWITCHES, CONTROLLERS, ETC). ALL WALL/FLOOR MOUNTED ITEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE ARCHITECTURAL DIMENSIONED DRAWINGS. IF LOCATION FOR AN ITEM IS NOT SHOWN ON THE ARCHITECTURAL DRAWINGS, VERIFY THE EXACT LOCATION OF THE ITEM WITH THE ARCHITECT PRIOR TO INSTALLATION. THESE REQUIREMENTS APPLY TO ALL WALL/FLOOR TYPES IN ALL AREAS. DO NOT SCALE OR DIMENSION LOCATIONS FROM THESE DRAWINGS.
2. CONTRACTOR SHALL COORDINATE THE LOCATION AND INSTALLATION DETAIL OF OUTLETS IN MILLWORK WITH ARCHITECTURAL DRAWINGS (WALL ELEVATIONS, MILLWORK DETAILS, ETC.) AND WITH MILLWORK MANUFACTURER PRIOR TO ELECTRICAL ROUGH-IN.
3. WALL AND FLOOR MOUNTED POWER RECEPTACLES SHOWN NEAR DATA OUTLETS SHALL BE LOCATED WITHIN SIX (6") INCHES OF THE DATA OUTLET. LOCATE AT SAME MOUNTING HEIGHT UNLESS OTHERWISE NOTED..
4. CONTRACTOR SHALL VERIFY THE EXACT POWER CONNECTION TYPE AND NEMA CONFIGURATION OF RECEPTACLES FOR EQUIPMENT FURNISHED BY THE OWNER, OTHER TRADES, OR UNDER A SEPARATE SECTION OF THIS CONTRACT PRIOR TO ELECTRICAL ROUGH-IN.
5. ALL RECEPTACLES WITHIN SIX FEET (6'-0") OF ANY PLUMBING FIXTURE AND/OR SINK SHALL BE EQUIPPED WITH GFCI FOR PERSONNEL PROTECTION. PROVIDE REMOTE TEST BUTTON AS REQUIRED.
6. RECEPTACLES TO BE TAMPER RESISTANT WHERE REQUIRED BY NEC.
7. ALL RECEPTACLES LOCATED OUTSIDE THE BUILDING ENVELOPE SHALL BE HOUSED IN ENCLOSURES THAT ARE RATED 'WEATHER-PROOF-WHILE-IN-USE' AND SHALL BE EQUIPPED WITH GFCI FOR PERSONNEL PROTECTION.
8. ALL GFCI RECEPTACLES SHALL BE CONNECTED SO THAT ALL DEVICES ON THE SAME CIRCUIT AS THE GFCI RECEPTACLE DO NOT DE-ENERGIZE UPON TRIPPING. ALL GFCI RECEPTACLES SHALL INCLUDE A LOCK-OUT FUNCTION TO PROTECT AGAINST THE USE OF MISWIRED DEVICES OR DEVICES THAT HAVE BEEN DAMAGED DUE TO DISABLING SURGES. FACELESS GFCI'S SHALL BE PROVIDED FOR ALL DEVICES NOT EASILY ACCESSIBLE PER NEC.
9. FINISH COLORS OF DEVICES AND CORRESPONDING COVER PLATES SHALL BE SELECTED AND APPROVED BY THE ARCHITECT. SPECIALTY RECEPTACLES AND COVER PLATES (I.E. ISOLATED GROUND, EMERGENCY, CRITICAL BRANCH, SURGE SUPPRESSION, ETC.) SHALL BE THE COLOR NOTED IN ELECTRICAL CONSTRUCTION DOCUMENTS.

### MECHANICAL AND PLUMBING COORDINATION

1. CONTRACTOR SHALL REFERENCE THE MECHANICAL AND PLUMBING DRAWINGS FOR ALL EQUIPMENT NEEDING ELECTRICAL CONNECTIONS. MAKE ALL CONNECTIONS AND PROVIDE APPROPRIATE WIRE, CONDUIT, AND OVER CURRENT PROTECTION FOR ALL EQUIPMENT.
2. ALL FUSED SWITCHES OR CIRCUIT BREAKERS SERVING EQUIPMENT SHALL HAVE HANDLE LOCKS.
3. ALL CIRCUIT BREAKERS SERVING MECHANICAL EQUIPMENT SHALL BEAR AN 'HACR' RATING.
4. CONTRACTOR SHALL COORDINATE BETWEEN TRADES AND PROVIDE CONTROL POWER FOR ALL VAV BOXES/DAMPERS/ETC, AS REQUIRED TO ENSURE A COMPLETE, FULLY FUNCTIONAL HVAC SYSTEM. CONTRACTOR SHALL REFERENCE MECHANICAL DRAWINGS AND COORDINATE WITH OTHER TRADES PRIOR TO ELECTRICAL ROUGH-IN.
5. CONTRACTOR SHALL COORDINATE MOTOR DISCONNECT AND CONTROL WITH MECHANICAL DRAWINGS AND BETWEEN TRADES. PROVIDE STARTERS AND DISCONNECTS FOR ALL MECHANICAL EQUIPMENT THAT IS NOT PROVIDED INTEGRAL TO THE EQUIPMENT. COORDINATE STARTER REQUIREMENTS WITH BMCS CONTRACTOR WHO IS FURNISHING THE UNITARY CONTROLLER. PROVIDE MOTOR-RATED SWITCHES FOR ALL MOTORS LESS THAN 1 HP. PROVIDE ALL NECESSARY WIRE, CONDUIT AND POWER FOR INTERLOCKED MOTOR CONTROL.

### FIRE ALARM AND VOICE EVAC. SYSTEM (DELEGRATED DESIGN/BUILD SYSTEM)

1. CONTRACTOR SHALL PROVIDE AND INSTALL ALL CIRCUITS AND RACEWAY NEEDED BY FIRE ALARM CONTRACTOR FOR MISCELLANEOUS POWER TO FIRE ALARM SYSTEM. FIRE ALARM SYSTEM SHALL PROVIDE ADEQUATE POWER TO OPERATE ANY AND ALL DOOR LOCKS ON STAIRS, SERVICE DOORS OR OTHER DOORS ALONG THE PATH OF EGRESS.
2. CONTRACTOR SHALL PROVIDE ALL NECESSARY FIRE ALARM CONNECTIONS TO TAMPER AND FLOW SWITCHES. CONTRACTOR SHALL REFER TO PLUMBING/FIRE PROTECTION DRAWINGS FOR LOCATIONS AND COORDINATE BETWEEN TRADES TO ENSURE A FULLY FUNCTIONAL SYSTEM.
3. CONTRACTOR SHALL COMMISSION A LICENSED FIRE ALARM CONTRACTOR TO DESIGN, INSTALL, AND TEST THE FIRE ALARM SYSTEM TO MEET ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES ALONG WITH ADA, AND NFPA STANDARD 72. DESIGN DRAWINGS SHALL BE REVIEWED AND BEAR THE APPROVAL STAMP OF THE FIRE MARSHAL (OR HIS DESIGNATED ENGINEER) PRIOR TO SUBMITTING DRAWINGS TO THE ENGINEER OF RECORD FOR REVIEW.
4. THE COST OF ANY ADDITIONAL RECEPTACLES REQUIRED FOR POWER SUPPLIES REQUIRED BY THE SYSTEM DESIGNER SHALL BE THE RESPONSIBILITY OF THE FIRE ALARM CONTRACTOR.

### DEMOLITION

1. PROVIDE UPDATED, TYPED, PANEL SCHEDULE WITH CIRCUIT AND INFORMATION.
2. INFORMATION ON DRAWINGS IS BASED ON EXISTING DRAWINGS AND SITE VISITS. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO PRICING AND STARTING WORK.
3. WHERE EXISTING WALLS ARE DEMOLISHED, REMOVE ALL EXISTING ELECTRICAL DEVICES AND ASSOCIATED WIRE AND CONDUIT BACK TO POINT OF ORIGINATION. EXISTING TO REMAIN DEVICES DOWNSTREAM TO REMAIN ENERGIZED. WHERE THE FULL CIRCUIT IS REMOVED, TURN THE BREAKER OFF AND LABEL AS "SPARE".
4. WHERE MECHANICAL AND PLUMBING EQUIPMENT IS DEMOLISHED, REMOVE ALL EXISTING ELECTRICAL DEVICES AND ASSOCIATED WIRE AND CONDUIT BACK TO POINT OF ORIGINATION.
5. WHERE CEILINGS ARE DEMOLISHED, REMOVE ALL EXISTING ELECTRICAL DEVICES AND ASSOCIATED WIRE AND CONDUIT BACK TO POINT OF ORIGINATION. EXISTING TO REMAIN DEVICES DOWNSTREAM TO REMAIN ENERGIZED. WHERE THE FULL CIRCUIT IS REMOVED, TURN THE BREAKER OFF AND LABEL AS "SPARE".

## KEY CODES

NEC - *2023 WITH LOCAL AMENDMENTS*

IECC - *2015*


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**JPS HEALTH NETWORK**
**JPS MEDICAL HOME SW SPECIALTY PHARMACY**
CONSTRUCTION DOCUMENTS
FORT WORTH, TEXAS

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TITLE
**ELECTRICAL COVER**

PROJECT NO.
**P30481.11**

ISSUE DATE
**04/14/2025**

DRAWING NO.
**E0.01**

STATE OF TEXAS — LAURA COWLEY — 121809 — LICENSED — PROFESSIONAL ENGINEER

04/14/2025


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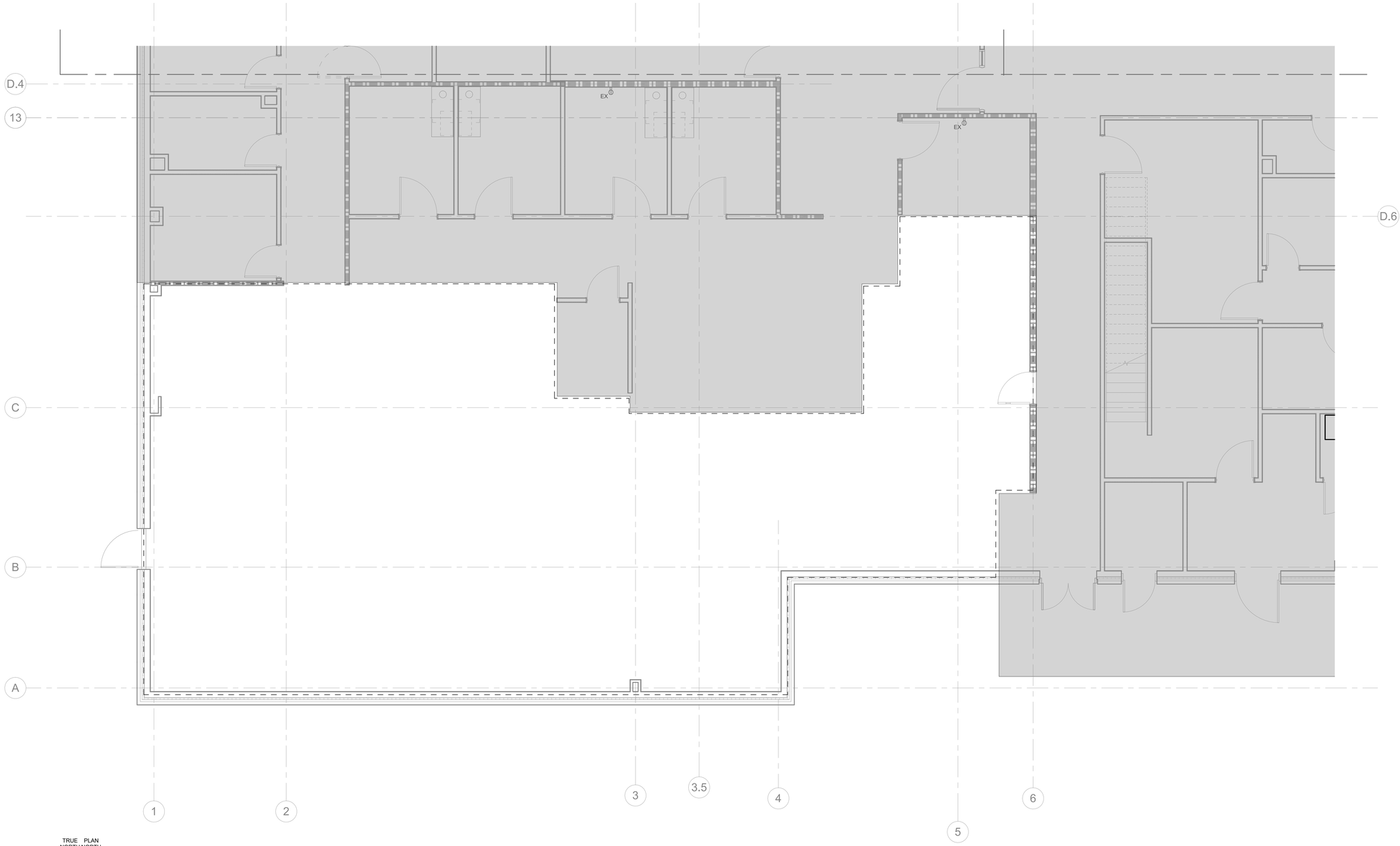


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| LEGEND | |
|---|---|
| | EXISTING |
| | DEMOLITION |
| | NOT IN SCOPE |

## DEMOLITION GENERAL NOTES

1. REFFER TO AND COORDINATE WITH THE ARCHITECTURAL PLANS, ELEVATIONS, AND DETAILS FOR DEMOLITION REQUIREMENTS.
2. WHERE EXISTING MECHANICAL/PLUMBING EQUIPMENT IS DEMOLISHED, REMOVE ALL RELATED ELECTRICAL FEEDS TO THE EQUIPMENT AND THEIR ASSOCIATED CONDUITS BACK TO THE POINT OF ORIGINATION.
3. REMOVE ALL EXISTING LIGHTING FIXTURES, RECEPTACLES, WIRING, AND CONDUITS, AND DISCONNECT THEM BACK TO THE POINT OF ORIGINATION. IF REMOVAL OF A CIRCUIT IMPACTS AREAS OUTSIDE THE PROJECT SCOPE, THE CONTRACTOR SHALL MAKE THE NECESSARY ARRANGEMENTS TO RECONNECT THOSE CIRCUITS TO MAINTAIN FUNCTIONALITY.
4. DEMOLISH EXISTING SIGNAL AND FIRE ALARM DEVICES AND RELATED CIRCUITRY IN THIS AREA UNLESS NOTED OTHERWISE. WHERE REMOVAL OF CIRCUITRY AFFECTS OTHER DEVICES, RECONNECT OR PROVIDE NEW CIRCUITRY AS REQUIRED TO ASSURE THAT DEVICES IN ADJACENT AREAS AFFECTED BY THE RENOVATION REMAIN COMPLETELY OPERATIONAL.
5. REMOVE ALL EXISTING EXPOSED CONDUITS IN NEW PHARMACY SPACE THAT ARE NOT BEING USED. EXISTING CONDUIT FLOOR PENETRATIONS TO BE CONCEALED WITHIN THE NEW CONSTRUCTION.




TRUE NORTH PLAN NORTH

1 **ELECTRICAL DEMOLITION PLAN - AREA F**
1/4" = 1'-0"


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PROJECT NO.
**P30481.11**

ISSUE DATE
**04/14/2025**

DRAWING NO.
**E0.10**




04/14/2025


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# LIGHTING SEQUENCE OF OPERATIONS

| INDICATOR | ROOM TYPE | TIME CLOCK | | | PHOTOCELL | SENSORS | | SWITCH | | | | | SENSOR | | | ABILITIES | | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TIME CLOCK | TIME CLOCK ON | TIME CLOCK OFF | | VACANCY | OCCUPANCY | LV/BUTTON | KEY | SCENE | TIME SWITCH | TOUCH SCREEN | CEILING | CORNER | WALL | DAYLIGHT | DIMMING | |
| H1 | CORRIDOR/WAITING AREA | No | | | No | No | Yes | Yes | No | No | No | No | YES | | | NO | No | ON TO 100% |
| I1 | INDIVIDUAL STAFF RESTROOM | No | | | No | Yes | No | Yes | No | No | No | No | YES | PREFERRED | IF < 40SF | NO | No | |
| O1 | OFFICE | No | | | No | Yes | No | Yes | No | No | No | No | IF > 40SF | PREFERRED | IF < 40SF | NO | Yes | |
| O3 | OFFICE WITH DAYLIGHT | No | | | Yes | Yes | No | Yes | No | No | No | No | IF > 40SF | PREFERRED | IF < 40SF | YES | Yes | |
| S1 | STORAGE | No | | | No | Yes | No | Yes | No | No | No | No | YES | PREFERRED | IF < 40SF | NO | No | |

LIGHTING FIXTURE SCHEDULE

| TYPE MARK | DESCRIPTION | MANUFACTURER | MODEL | LAMP | WATTAGE | VOLTAGE | CCT | LUMENS | CRI | MOUNTING | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A1 | 2X2 LED FLAT PANEL | LITHONIA | EPANL 2X2 3400LM 80CRI 35K MIN10 ZT 277 | LED | 30 VA | 277 V | 3500K | 3400 | 80 | RECESSED | |
| A1E | 2X2 LED FLAT PANEL WITH INTEGRAL BATTERY | LITHONIA | EPANL 2X2 3400LM 80CRI 35K MIN10 ZT 277 E10WCP | LED | 30 VA | 277 V | 3500K | 3400 | 80 | RECESSED | PROVIDE WITH INTEGRAL BATTERY FOR 90 MINUTES RUNTIME |
| D1 | 6" LED DOWNLIGHT | LITHONIA | LDN6 35/15 LO6 AR LSS TRW 277 GZ10 | LED | 18 VA | 277 V | 3500K | 1500 | 80 | RECESSED | |
| D1E | 6" LED DOWNLIGHT WITH INTEGRAL BATTERY | LITHONIA | LDN6 35/15 LO6 AR LSS TRW 277 GZ10 ELR | LED | 18 VA | 277 V | 3500K | 1500 | 80 | RECESSED | PROVIDE WITH INTEGRAL BATTERY FOR 90 MINUTES RUNTIME |
| U1 | 24" LED UNDER CABINET | JUNO | UCES 24IN SWW5 90CRI WH M6 | LED | 17 VA | 120 V | 3500K | 926 | 90 | SURFACE | |
| X1 | EXIT SIGN SINGLE SIDED | LITHONIA | EDG-1-RMR-EL-SD | LED | 3 VA | 277 V | N/A | N/A | N/A | SURFACE | |
| X2 | EXIT SIGN DOUBLE SIDED | LITHONIA | EDG-2-RMR-EL-SD | LED | 3 VA | 277 V | N/A | N/A | N/A | SURFACE | |




TRUE NORTH PLAN NORTH

**1 LIGHTING PLAN - AREA F**
1/4" = 1'-0"

## LIGHTING GENERAL NOTES:

1. COORDINATE MOUNTING HEIGHT OF ALL FIXTURES WITH ARCHITECTURAL CEILING ELEVATIONS PRIOR TO ROUGH-IN.
2. COORDINATE LOCATION OF ALL LIGHTING CONTROL DEVICES WITH DOOR SWINGS AND MECHANICAL CONTROL DEVICES.
3. HATCHING REGION CLOSE TO WINDOW INDICATES DAYLIGHT ZONES. THE LOCATIONS AND QUANTITIES OF SENSORS SHOWN ON THE DRAWINGS ARE DIAGRAMMATIC. PROVIDE ADDITIONAL SENSORS IF REQUIRED TO PROPERLY AND COMPLETELY COVER THE RESPECTIVE ROOM. ENSURE THE BEST POSSIBLE INSTALLATION IN THE AVAILABLE SPACE AND TO OVERCOME LOCAL DIFFICULTIES DUE TO SPACE LIMITATIONS OR INTERFERENCE OF STRUCTURAL COMPONENTS.
4. PROVIDE LIGHTING CONTROL DEVICES COMPATIBLE WITH FIXTURES INSTALLED.

## NOTES BY SYMBOL:

| | |
|---|---|
| 1 | REFER TO SHEET, E2.01 FOR CONTINUATION OF CIRCUIT. |

D A
E B
F C

KEY PLAN


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**E1.01**

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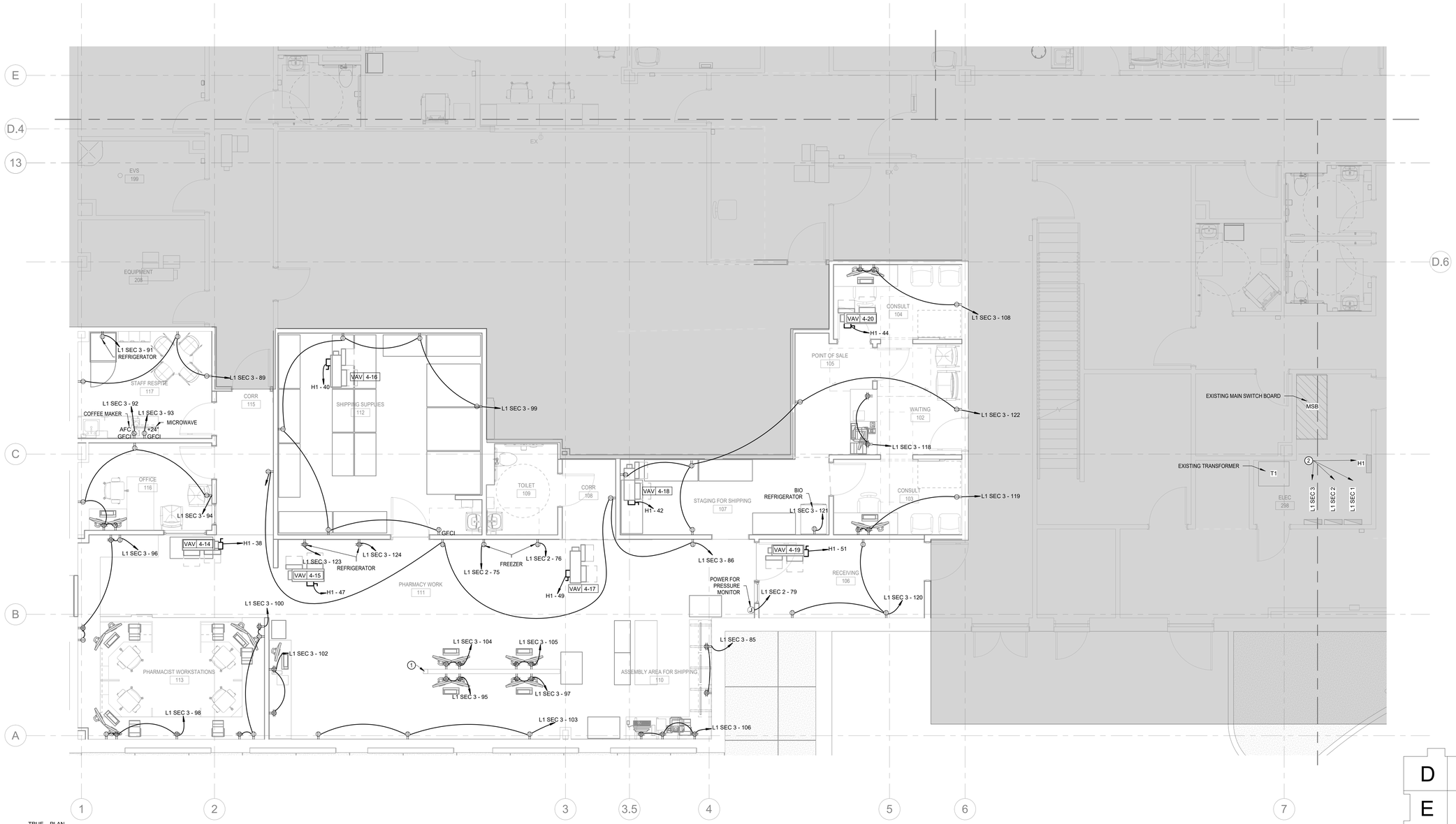
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## NOTES BY SYMBOL:

| | |
|---|---|
| 1 | PROVIDE A BLANK ALUMINIUM POWER POLE EQUIVALENT LEGRAND TELE-POWER POLE #AMTC-4* WITH TWO COMPARTMENTS FOR POWER AND DATA, SUFFICIENT TO FEED THE FOUR RECEPTACLE CIRCUITS AND DATA CABLEING TO THE FOUR WORKSTATIONS. POLE TO EXTEND ABOVE CEILING. |
| 2 | EXISTING PANEL BOARD. |

## POWER GENERAL NOTES:

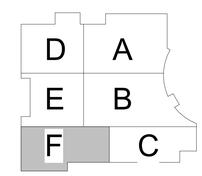
1. COORDINATE WITH ARCHITECTURAL PLANS, ELEVATIONS, AND DETAILS FOR EXACT LOCATIONS OF ALL WIRING DEVICES PRIOR TO ROUGH-IN.
2. COORDINATE WITH MECHANICAL DRAWINGS FOR LOCATIONS OF EQUIPMENT INCLUDING VAVS, DAMPERS, FCU'S, ETC PRIOR TO ROUGH-IN.
3. PROVIDE FACELESS GFCI BUTTON FOR ALL INACCESSIBLE DEVICES.
4. ALL MOTOR RATED SWITCHES ON ROOF SHALL BE WEATHERPROOF (TYP.)
5. PROVIDE FACELESS GFCI FOR NOT EASILY ACCESSIBLE RECEPTACLES.




TRUE NORTH PLAN NORTH

**1 POWER PLAN - AREA F**

1/4" = 1'-0"




KEY PLAN


BH ENGINEERS, INC.
511 E John Carpenter Fwy
Suite 250
Irving, TX 75062
BandHengineers.com
Registration No. 9102



SBL architecture

SBL Architecture, Inc. f / k / a Sterling Barnett Little, Inc.

PROJECT TEAM

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M.E.P:
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TECHNOLOGY:
**TLC ENGINEERING SOLUTIONS, INC**
TEL:(972) 887-5555


# JPS HEALTH NETWORK
# JPS MEDICAL HOME SW SPECIALTY PHARMACY

CONSTRUCTION DOCUMENTS

FORT WORTH, TEXAS

REVISIONS

| NO. | DESCRIP. | DATE |
|---|---|---|

TITLE
**POWER PLAN - AREA F**

PROJECT NO.
**P30481.11**

ISSUE DATE
**04/14/2025**

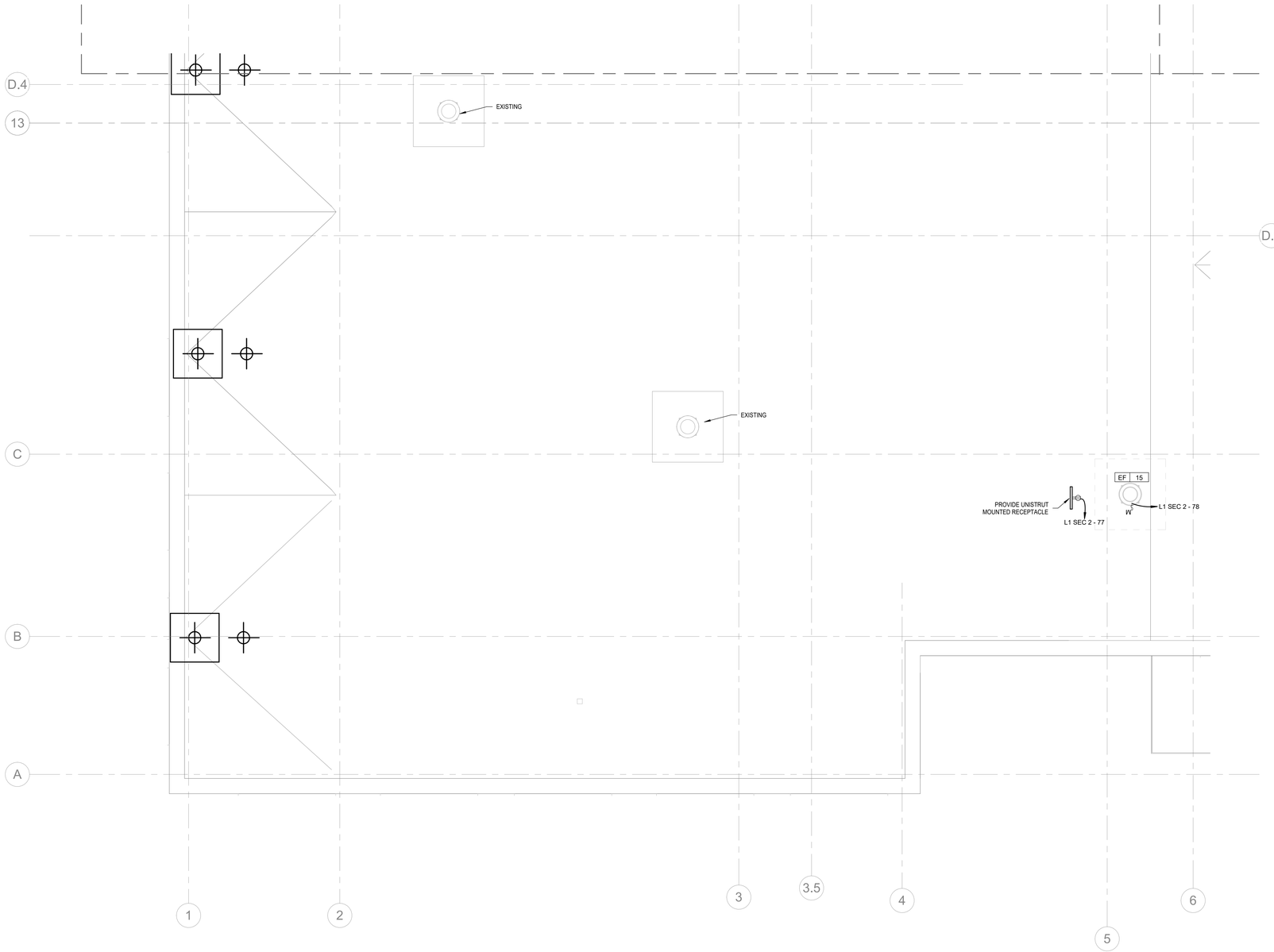
DRAWING NO.
**E2.01**

STATE OF TEXAS
LAURA COWLEY
121809
LICENSED
PROFESSIONAL ENGINEER

04/14/2025

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TRUE NORTH PLAN NORTH

**1 ELECTRICAL ROOF PLAN - AREA F**

1/4" = 1'-0"

D A
E B
F C

KEY PLAN


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# JPS MEDICAL HOME SW SPECIALTY PHARMACY

CONSTRUCTION DOCUMENTS

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TITLE
**ELECTRICAL ROOF PLAN- AREA F**

PROJECT NO.
**P30481.11**

ISSUE DATE
**04/14/2025**

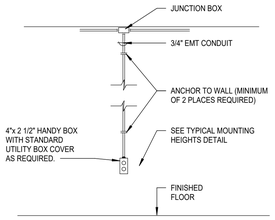
DRAWING NO.
**E2.03**

STATE OF TEXAS
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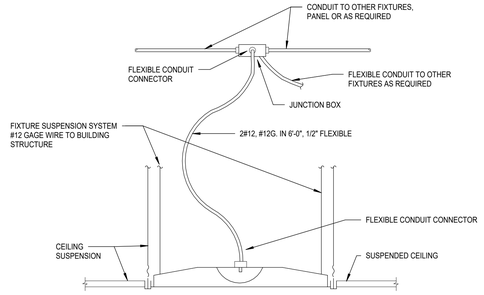
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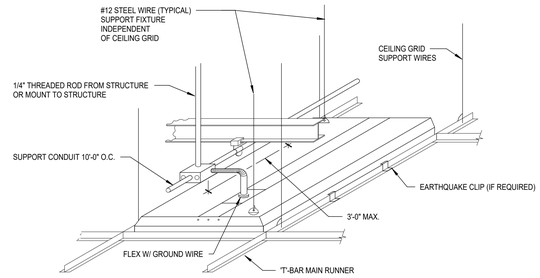

9 RECEPTACLE/LIGHT SWITCH SURFACE MOUNTED DETAIL

SCALE: NOT TO SCALE



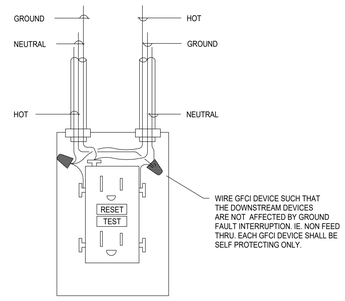

8 TYPICAL 2x2 FIXTURE RECESSED IN ACOUSTIC GRID

SCALE: NOT TO SCALE



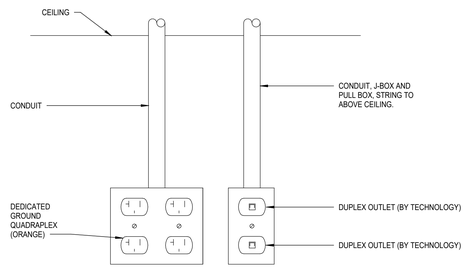

7 LAY-IN LED 2x2 FIXTURE DETAIL

SCALE: NOT TO SCALE



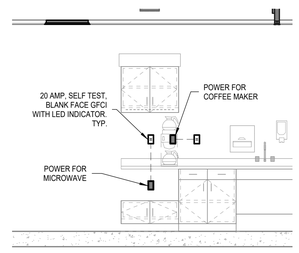

6 GFCI RECEPTACLE WIRING DIAGRAM

SCALE: NOT TO SCALE



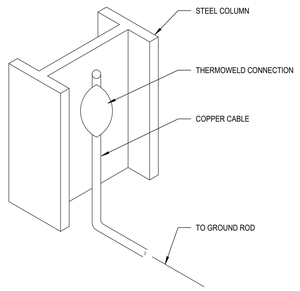

5 DUPLEX DATA OUTLETS QUAD ELECTRICAL OUTLETS

SCALE: NOT TO SCALE



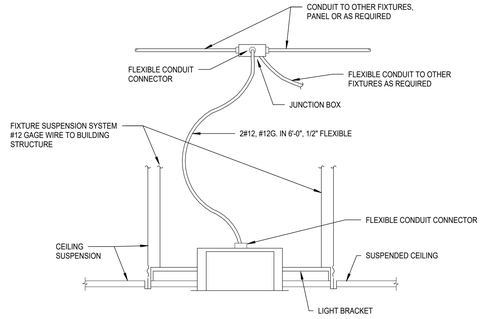

4 117 - STAFF RESPITE - S

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



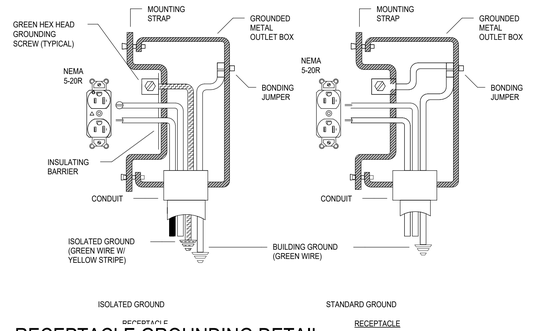

3 COLUMN BONDING PLATE DETAIL

SCALE: NOT TO SCALE




2 TYPICAL LED FIXTURE RECESSED IN ACOUSTIC GRID

SCALE: NOT TO SCALE




1 RECEPTACLE GROUNDING DETAIL

SCALE: NOT TO SCALE


SBL Architecture

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JPS HEALTH NETWORK

JPS MEDICAL HOME SW SPECIALTY PHARMACY

CONSTRUCTION DOCUMENTS

FORT WORTH, TEXAS

REVISIONS

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TITLE

ELECTRICAL DETAILS

PROJECT NO.

P30481.11

ISSUE DATE

04/14/2025

DRAWING NO.

E3.01

STATE OF TEXAS
LAURA COWLEY
121809
LICENSED
PROFESSIONAL ENGINEER

04/14/2025

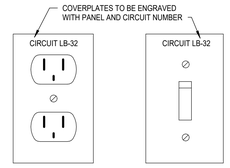

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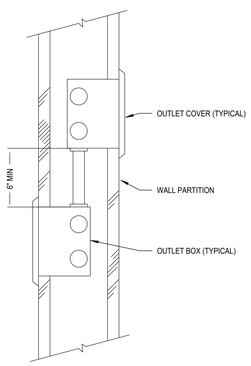


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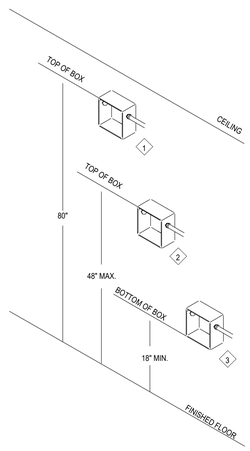

4 RECEPTACLE/SWITCH LABELING DETAIL

SCALE: NOT TO SCALE




3 BACK TO BACK OUTLET BOXES

SCALE: NOT TO SCALE



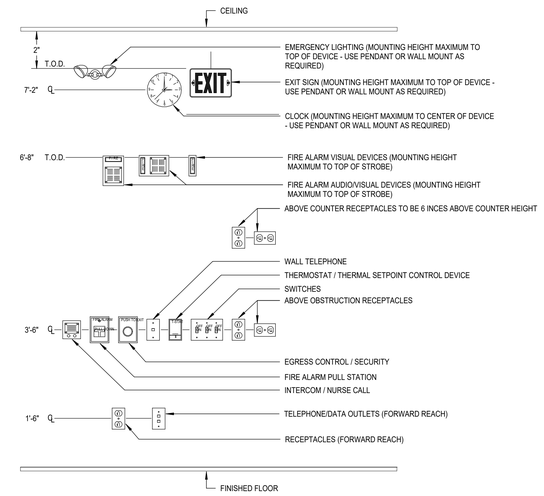

1 MOUNT 80" TO TOP OF JUNCTION BOX FOR FIRE ALARM HORNS, STROBE LIGHTS AND COMBINATION HORN & STROBE.

2 MOUNT 48" TO TOP OF JUNCTION BOX FOR SWITCHES, FIRE ALARM PULL STATIONS AND OTHER CONTROLS (THERMOSTATS, ETC.)

3 MOUNT 18" TO BOTTOM OF JUNCTION BOX FOR RECEPTACLES (ALL TYPES EXCEPT COUNTER TOP MOUNTED), COMPUTER OUTLETS AND TELEPHONE OUTLETS.

2 ADA REQUIREMENTS DETAIL

SCALE: NOT TO SCALE




NOTES:
1. ALL MOUNTING HEIGHTS SHALL BE MEASURED FROM FINISHED FLOOR TO CENTERLINE OF DEVICE EXCEPT EXIT SIGNS, EMERGENCY LIGHTING AND FIRE ALARM A/V DEVICES.

2. DEVICES SHALL BE INSTALLED ON A COMMON VERTICAL CENTERLINE WHEREVER POSSIBLE.

3. ALL DEVICES SHALL BE INSTALLED AT MOUNTING HEIGHTS AS INDICATED ON THIS DETAIL UNLESS OTHERWISE NOTED ON ARCHITECTURAL ELEVATION. CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS. CONTRACTOR SHALL NOT MOUNT ITEMS IN VIOLATION OF ADA OR LOCAL ACCESSIBILITY REQUIREMENTS. ANY CONFLICTS BETWEEN ARCHITECTURAL ELEVATIONS AND CODE SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER PRIOR TO ELECTRICAL ROUGH-IN.

1 TYPICAL DEVICE MOUNTING HEIGHTS DETAIL

SCALE: NOT TO SCALE

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JPS MEDICAL HOME SW SPECIALTY PHARMACY
CONSTRUCTION DOCUMENTS
FORT WORTH, TEXAS

REVISIONS

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TITLE
ELECTRICAL DETAILS

PROJECT NO.
P30481.11

ISSUE DATE
04/14/2025

DRAWING NO.
E3.02

STATE OF TEXAS
LAURA COWLEY
121809
LICENSED
PROFESSIONAL ENGINEER
04/14/2025

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## PANEL NAME: H1

**MAIN RATING:** 400 A **VOLTS:** 480Y/277V **MOUNTING:** SURFACE
**MCB RATING:** MLO **A.I.C. RATING:** 65000 **SUPPLIED FROM:** MSB

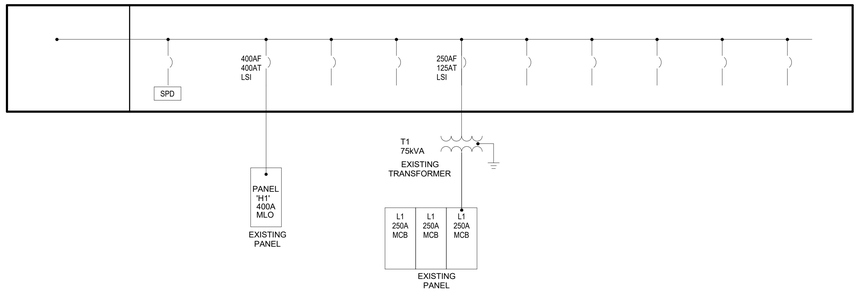
| CKT | CIRCUIT DESCRIPTION | TRIP | POLES | A | B | C | A | B | C | POLES | TRIP | CIRCUIT DESCRIPTION | CKT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | EXISTING CIRCUIT | 25 A | 1 | 5.00 | | | 0.00 | | | 1 | 25 A | SPARE | 2 |
| 3 | EXISTING CIRCUIT | 25 A | 1 | | 5.50 | | | 0.00 | | 1 | 15 A | SPARE | 4 |
| 5 | EXISTING CIRCUIT | 15 A | 1 | | | 3.00 | | | 4.51 | 1 | 25 A | EXISTING CIRCUIT | 6 |
| 7 | SPARE | 35 A | 1 | 0.00 | | | 0.00 | | | 1 | 15 A | SPARE | 8 |
| 9 | SPARE | 15 A | 1 | | 0.00 | | | 3.00 | | 1 | 15 A | EXISTING CIRCUIT | 10 |
| 11 | SPARE | 15 A | 1 | | | 0.00 | | | 0.15 | 1 | 20 A | EXISTING CIRCUIT | 12 |
| 13 | SPARE | 15 A | 1 | 0.00 | | | 2.26 | | | 1 | 20 A | EXISTING CIRCUIT | 14 |
| 15 | EXISTING CIRCUIT | 15 A | 1 | | 2.00 | | | 3.87 | | 1 | 20 A | EXISTING CIRCUIT | 16 |
| 17 | SPARE | 20 A | 1 | | | 0.00 | | | 2.28 | 1 | 20 A | EXISTING CIRCUIT | 18 |
| 19 | EXISTING CIRCUIT | 20 A | 1 | 1.47 | | | 2.62 | | | 1 | 20 A | EXISTING CIRCUIT | 20 |
| 21 | EXISTING CIRCUIT | 20 A | 1 | | 4.35 | | | 0.34 | | 1 | 20 A | EXISTING CIRCUIT | 22 |
| 23 | EXISTING CIRCUIT | 20 A | 1 | | | 1.64 | | | 1.11 | 1 | 20 A | EXISTING CIRCUIT | 24 |
| 25 | EXISTING CIRCUIT | 20 A | 1 | 1.75 | | | 0.22 | | | 1 | 20 A | EXISTING CIRCUIT | 26 |
| 27 | EXISTING CIRCUIT | 20 A | 1 | | 0.71 | | | 0.24 | | 1 | 20 A | EXISTING CIRCUIT | 28 |
| 29 | EXISTING CIRCUIT | 20 A | 1 | | | 0.11 | | | 8.75 | 3 | 40 A | EXISTING CIRCUIT | 30 |
| 31 | EXISTING CIRCUIT | 20 A | 1 | 0.20 | | | 8.75 | | | -- | -- | -- | 32 |
| 33 | SPARE | 20 A | 1 | | 0.00 | | | 8.75 | | -- | -- | -- | 34 |
| 35 | EXISTING CIRCUIT | 150 A | 3 | | | 37.50 | | | 3.00 | 1 | 15 A | EXISTING CIRCUIT | 36 |
| 37 | -- | -- | -- | 37.50 | | | 3.00 | | | 1 | 20 A | **VAV 4 -14** | 38 |
| 39 | -- | -- | -- | | 37.50 | | | 1.50 | | 1 | 20 A | **VAV 4 -16** | 40 |
| 41 | **EXISTING SHUNT TRIP** | -- | 1 | | | -- | | | 1.00 | 1 | 20 A | **VAV 4 -18** | 42 |
| 43 | **LIGHTING AREA F** | 20 A | 1 | 1.57 | | | 2.50 | | | 1 | 20 A | **VAV 4 -20** | 44 |
| 45 | **EM LIGHTING AREA F** | 20 A | 1 | | 0.38 | | | | | | | | 46 |
| 47 | **VAV 4 -15** | 20 A | 1 | | | 3.50 | | | | | | | 48 |
| 49 | **VAV 4 -17** | 20 A | 1 | 2.50 | | | | | | | | | 50 |
| 51 | **VAV 4 -19** | 20 A | 1 | | 1.00 | | | | | | | | 52 |
| 53 | | | | | | | | | | | | | 54 |
| | | **TOTAL...** | | 69.34 | | | 69.14 | | | 66.55 | | | |
| | | **TOTAL...** | | 251.75 A | | | 251.04 A | | | 240.25 A | | | |

| LOAD CLASSIFICATION | CONNECTED... | DEMAND FACTOR | ESTIMATED... | PANEL TOTALS | |
|---|---|---|---|---|---|
| HVAC | 46252 | 100.00% | 46252 | | |
| HEATING | 21000 | 100.00% | .21000 | **TOTAL CONN. LOAD:** | 204882 |
| LIGHTING EXTERIOR | 174 | 125.00% | 218 | **TOTAL EST. DEMAND:** | 153671 |
| RECEPTACLE | 112500 | 54.44% | 61245 | **TOTAL CONN.:** | 246 |
| LIGHTING | 24956 | 100.00% | 24956 | **TOTAL EST. DEMAND:** | 185 |

**NOTES:**
EXISTING PANEL BOARD.

| | EXISTING LOAD | ADDED LOAD | NEW TOTAL LOAD |
|---|---|---|---|
| TOTAL CONN. LOAD | 1051A | 46A | 1097A |
| TOTAL EST. DEMAND | 873A | 34A | 907A |

EXISTING MSB SE RATED -1200A (100% RATED), 480/277V, 3Ø, 4W, 65KAIC, NEMA 1




1 PARTIAL ONE LINE DIAGRAM

## PANEL NAME: L1 SEC 1

**MAIN RATING:** 250 A **VOLTS:** 208/120 3PH, 4W **MOUNTING:** SURFACE
**MCB RATING:** MLO **A.I.C. RATING:** 10000 **SUPPLIED FROM:** T1

| CKT | CIRCUIT DESCRIPTION | TRIP | POLES | A | B | C | A | B | C | POLES | TRIP | CIRCUIT DESCRIPTION | CKT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | EXISTING CIRCUIT | 20 A | 1 | 0.54 | | | 1.92 | | | 1 | 20 A | EXISTING CIRCUIT | 2 |
| 3 | EXISTING CIRCUIT | 20 A | 1 | | 0.72 | | | 1.26 | | 1 | 20 A | EXISTING CIRCUIT | 4 |
| 5 | EXISTING CIRCUIT | 20 A | 1 | | | 1.31 | | | 0.54 | 1 | 20 A | EXISTING CIRCUIT | 6 |
| 7 | EXISTING CIRCUIT | 20 A | 1 | 0.54 | | | 0.72 | | | 1 | 20 A | EXISTING CIRCUIT | 8 |
| 9 | EXISTING CIRCUIT | 20 A | 1 | | 0.54 | | | 0.18 | | 1 | 20 A | EXISTING CIRCUIT | 10 |
| 11 | EXISTING CIRCUIT | 20 A | 1 | | | 1.08 | | | 0.54 | 1 | 20 A | EXISTING CIRCUIT | 12 |
| 13 | EXISTING CIRCUIT | 20 A | 1 | 0.36 | | | 0.18 | | | 1 | 20 A | EXISTING CIRCUIT | 14 |
| 15 | EXISTING CIRCUIT | 20 A | 1 | | 0.54 | | | 0.18 | | 1 | 20 A | EXISTING CIRCUIT | 16 |
| 17 | EXISTING CIRCUIT | 20 A | 1 | | | 0.36 | | | 1.26 | 1 | 20 A | EXISTING CIRCUIT | 18 |
| 19 | EXISTING CIRCUIT | 20 A | 1 | 0.54 | | | 1.65 | | | 1 | 20 A | EXISTING CIRCUIT | 20 |
| 21 | EXISTING CIRCUIT | 20 A | 1 | | 1.52 | | | 1.50 | | 1 | 20 A | EXISTING CIRCUIT | 22 |
| 23 | EXISTING CIRCUIT | 20 A | 1 | | | 0.75 | | | 0.75 | 1 | 20 A | EXISTING CIRCUIT | 24 |
| 25 | EXISTING CIRCUIT | 20 A | 1 | 0.75 | | | 0.72 | | | 1 | 20 A | EXISTING CIRCUIT | 26 |
| 27 | EXISTING CIRCUIT | 20 A | 1 | | 0.54 | | | 0.54 | | 1 | 20 A | EXISTING CIRCUIT | 28 |
| 29 | EXISTING CIRCUIT | 20 A | 1 | | | 1.30 | | | 1.05 | 1 | 20 A | EXISTING CIRCUIT | 30 |
| 31 | EXISTING CIRCUIT | 20 A | 1 | 0.36 | | | 0.36 | | | 1 | 20 A | EXISTING CIRCUIT | 32 |
| 33 | EXISTING CIRCUIT | 20 A | 1 | | 1.08 | | | 1.08 | | 1 | 20 A | EXISTING CIRCUIT | 34 |
| 35 | EXISTING CIRCUIT | 20 A | 1 | | | 1.20 | | | 0.72 | 1 | 20 A | EXISTING CIRCUIT | 36 |
| 37 | EXISTING CIRCUIT | 20 A | 1 | 0.90 | | | 1.08 | | | 1 | 20 A | EXISTING CIRCUIT | 38 |
| 39 | EXISTING CIRCUIT | 20 A | 1 | | 1.62 | | | 1.62 | | 1 | 20 A | EXISTING CIRCUIT | 40 |
| 41 | EXISTING CIRCUIT | 20 A | 1 | | | 0.54 | | | 0.75 | 1 | 20 A | EXISTING CIRCUIT | 42 |
| | | **TOTAL...** | | 32.22 | | | 29.57 | | | 28.81 | | | |
| | | **TOTAL...** | | 269.49 A | | | 247.39 A | | | 240.07 A | | | |

| LOAD CLASSIFICATION | CONNECTED... | DEMAND FACTOR | ESTIMATED... | PANEL TOTALS | |
|---|---|---|---|---|---|
| MOTOR | 2651 | 100.00% | 2651 | | |
| OTHER | 500 | 100.00% | 500 | **TOTAL CONN. LOAD:** | 88269 |
| POWER | 100 | 100.00% | 100 | **TOTAL EST. DEMAND:** | 50919 |
| RECEPTACLE | 84700 | 55.90% | 47350 | **TOTAL CONN.:** | 245 |
| LIGHTING | 318 | 100.00% | 318 | **TOTAL EST. DEMAND:** | 141 |

**NOTES:**
EXISTING PANEL BOARD.

## PANEL NAME: L1 SEC 2

**MAIN RATING:** 250 A **VOLTS:** 208/120 3PH, 4W **MOUNTING:** SURFACE
**MCB RATING:** MLO **A.I.C. RATING:** 10000 **SUPPLIED FROM:** L1 SEC 1

| CKT | CIRCUIT DESCRIPTION | TRIP | POLES | A | B | C | A | B | C | POLES | TRIP | CIRCUIT DESCRIPTION | CKT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 43 | EXISTING CIRCUIT | 20 A | 1 | 1.08 | | | 0.72 | | | 1 | 20 A | EXISTING CIRCUIT | 44 |
| 45 | EXISTING CIRCUIT | 20 A | 1 | | 0.75 | | | 0.36 | | 1 | 20 A | EXISTING CIRCUIT | 46 |
| 47 | EXISTING CIRCUIT | 20 A | 1 | | | 0.54 | | | 0.98 | 1 | 20 A | EXISTING CIRCUIT | 48 |
| 49 | EXISTING CIRCUIT | 20 A | 1 | 0.75 | | | 1.20 | | | 1 | 20 A | EXISTING CIRCUIT | 50 |
| 51 | EXISTING CIRCUIT | 20 A | 1 | | 0.35 | | | 0.75 | | 1 | 20 A | EXISTING CIRCUIT | 52 |
| 53 | EXISTING CIRCUIT | 20 A | 1 | | | 0.75 | | | 0.75 | 1 | 20 A | EXISTING CIRCUIT | 54 |
| 55 | EXISTING CIRCUIT | 20 A | 1 | 0.80 | | | 0.80 | | | 1 | 20 A | EXISTING CIRCUIT | 56 |
| 57 | EXISTING CIRCUIT | 20 A | 1 | | 0.36 | | | 1.20 | | 1 | 20 A | EXISTING CIRCUIT | 58 |
| 59 | EXISTING CIRCUIT | 20 A | 1 | | | 1.20 | | | 1.20 | 1 | 20 A | EXISTING CIRCUIT | 60 |
| 61 | EXISTING CIRCUIT | 20 A | 1 | 1.00 | | | 0.54 | | | 1 | 20 A | EXISTING CIRCUIT | 62 |
| 63 | EXISTING CIRCUIT | 20 A | 1 | | 0.36 | | | 0.54 | | 1 | 20 A | EXISTING CIRCUIT | 64 |
| 65 | EXISTING CIRCUIT | 20 A | 1 | | | 0.00 | | | 0.05 | 1 | 20 A | EXISTING CIRCUIT | 66 |
| 67 | EXISTING CIRCUIT | 20 A | 1 | 1.08 | | | 0.54 | | | 1 | 20 A | EXISTING CIRCUIT | 68 |
| 69 | EXISTING CIRCUIT | 20 A | 1 | | 0.18 | | | 0.50 | | 1 | 20 A | EXISTING CIRCUIT | 70 |
| 71 | EXISTING CIRCUIT | 20 A | 1 | | | 0.75 | | | 0.90 | 1 | 20 A | EXISTING CIRCUIT | 72 |
| 73 | EXISTING CIRCUIT | 20 A | 1 | 0.72 | | | 1.08 | | | 1 | 20 A | EXISTING CIRCUIT | 74 |
| 75 | **FREEZER 1 PH. WORK 111** | 20 A | 1 | | 0.18 | | | 0.18 | | 1 | 20 A | **FREEZER 2 PH. WORK 111** | 76 |
| 77 | **ROOF RECEPTACLE** | 20 A | 1 | | | 0.18 | | | 0.67 | 1 | 15 A | **EF 15** | 78 |
| 79 | **PRESSURE MONITOR** | 20 A | 1 | 0.10 | | | | | | | | | 80 |
| 81 | SPARE | 20 A | 1 | | 0.00 | | | 0.00 | | 1 | 20 A | SPARE | 82 |
| 83 | SPARE | 20 A | 1 | | | 0.00 | | | 0.00 | 1 | 20 A | SPARE | 84 |
| | | **TOTAL...** | | 21.60 | | | 16.65 | | | 16.66 | | | |
| | | **TOTAL...** | | 180.02 A | | | 138.75 A | | | 138.83 A | | | |

| LOAD CLASSIFICATION | CONNECTED... | DEMAND FACTOR | ESTIMATED... | PANEL TOTALS | |
|---|---|---|---|---|---|
| MOTOR | 2651 | 100.00% | 2651 | | |
| OTHER | 500 | 100.00% | 500 | **TOTAL CONN. LOAD:** | 54199 |
| POWER | 100 | 100.00% | 100 | **TOTAL EST. DEMAND:** | 33884 |
| RECEPTACLE | 50630 | 59.88% | 30315 | **TOTAL CONN.:** | 150 |
| LIGHTING | 318 | 100.00% | 318 | **TOTAL EST. DEMAND:** | 94 |

**NOTES:**
EXISTING PANEL BOARD.

## PANEL NAME: L1 SEC 3

**MAIN RATING:** 250 A **VOLTS:** 208/120 3PH, 4W **MOUNTING:** SURFACE
**MCB RATING:** MLO **A.I.C. RATING:** 10000 **SUPPLIED FROM:** L1 SEC 2

| CKT | CIRCUIT DESCRIPTION | TRIP | POLES | A | B | C | A | B | C | POLES | TRIP | CIRCUIT DESCRIPTION | CKT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 85 | **REC & U_CAB LIG. ASSEMBL...** | 20 A | 1 | 0.77 | | | 0.72 | | | 1 | 20 A | **GP REC PH WK 111 & CORR...** | 86 |
| 87 | EXISTING CIRCUIT | 20 A | 1 | | 0.72 | | | 0.54 | | 1 | 20 A | EXISTING CIRCUIT | 88 |
| 89 | **REC & U_CAB LIGHT STAFF...** | 20 A | 1 | | | 0.56 | | | | | | | 90 |
| 91 | **REFRIGERATOR STAFF...** | 20 A | 1 | 0.80 | | | 1.20 | | | 1 | 20 A | **COFFEE MAKER...** | 92 |
| 93 | **MICROWAVE...** | 20 A | 1 | | 1.00 | | | 1.08 | | 1 | 20 A | **RECEPTACLE OFFICE 116** | 94 |
| 95 | **REC WS 3 PH. WKS 111** | 20 A | 1 | | | 0.72 | | | 1.08 | 1 | 20 A | **REC WS 1&2 PH. WKS 113** | 96 |
| 97 | **REC WS 5 PH. WKS 111** | 20 A | 1 | 0.72 | | | 0.90 | | | 1 | 20 A | **REC WS 3 PH. WKS 113** | 98 |
| 99 | **REC SHIPPING SUPPLIES 112** | 20 A | 1 | | 1.08 | | | 1.08 | | 1 | 20 A | **REC WS 4&5 PH. WKS 113** | 100 |
| 101 | | | | | | | | | 0.72 | 1 | 20 A | **REC WS 1 PH. WKS 111** | 102 |
| 103 | **REC WS 2 PH. WKS 111** | 20 A | 1 | 0.54 | | | 0.72 | | | 1 | 20 A | **REC WS 2 PH. WKS 111** | 104 |
| 105 | **REC WS 4 PH. WKS 111** | 20 A | 1 | | 0.72 | | | 1.08 | | 1 | 20 A | **REC ASSEMBLY 110 S WALL** | 106 |
| 107 | EXISTING CIRCUIT | 20 A | 1 | | | 0.20 | | | 0.72 | 1 | 20 A | **REC CONSULT 104** | 108 |
| 109 | EXISTING CIRCUIT | 20 A | 1 | 0.72 | | | 0.00 | | | 1 | 20 A | SPARE | 110 |
| 111 | EXISTING CIRCUIT | 20 A | 1 | | 0.75 | | | 0.25 | | 1 | 20 A | EXISTING CIRCUIT | 112 |
| 113 | EXISTING CIRCUIT | 20 A | 1 | 1.20 | | | 1.20 | | | 1 | 20 A | EXISTING CIRCUIT | 114 |
| 115 | EXISTING CIRCUIT | 20 A | 1 | | 1.20 | | | 0.72 | | 1 | 20 A | EXISTING CIRCUIT | 116 |
| 117 | EXISTING CIRCUIT | 20 A | 1 | | | 0.72 | | | 0.30 | 1 | 20 A | **REC POS 105** | 118 |
| 119 | **REC CONSULT 103** | 20 A | 1 | 0.80 | | | 0.72 | | | 1 | 20 A | **REC RECEIVING 106** | 120 |
| 121 | **BIO REF. STAGING FOR SHIP...** | 20 A | 1 | | 0.90 | | | 0.90 | | 1 | 20 A | **RECPT SFS 107 WAITING 102** | 122 |
| 123 | **REFRIGERATOR 1 PH. WORK...** | 20 A | 1 | | | 0.36 | | | 0.36 | 1 | 20 A | **REFRIGERATOR 2 PH. WORK...** | 124 |
| 125 | EXISTING CIRCUIT | 20 A | 1 | | | 0.97 | | | 0.97 | 1 | 20 A | EXISTING CIRCUIT | 126 |
| | | **TOTAL...** | | 11.19 | | | 10.94 | | | 8.69 | | | |
| | | **TOTAL...** | | 96.14 A | | | 94.05 A | | | 72.43 A | | | |

| LOAD CLASSIFICATION | CONNECTED... | DEMAND FACTOR | ESTIMATED... | PANEL TOTALS | |
|---|---|---|---|---|---|
| MOTOR | 1934 | 100.00% | 1934 | | |
| RECEPTACLE | 27850 | 67.95% | 18925 | **TOTAL CONN. LOAD:** | 30102 |
| LIGHTING | 318 | 100.00% | 318 | **TOTAL EST. DEMAND:** | 21177 |
| | | | | **TOTAL CONN.:** | 84 |
| | | | | **TOTAL EST. DEMAND:** | 59 |

**NOTES:**
EXISTING PANEL BOARD.


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# JPS MEDICAL HOME SW SPECIALTY PHARMACY

## JPS HEALTH NETWORK

CONSTRUCTION DOCUMENTS

FORT WORTH, TEXAS

REVISIONS

| NO. | DESCRIP. | DATE |
|---|---|---|

TITLE
**ELECTRICAL SCHEDULES AND DIAGRAMS**

PROJECT NO.
**P30481.11**

ISSUE DATE
**04/14/2025**

DRAWING NO.
**E4.01**

STATE OF TEXAS
LAURA COWLEY
121609
LICENSED
PROFESSIONAL ENGINEER
04/14/2025

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## NOTES BY SYMBOL:

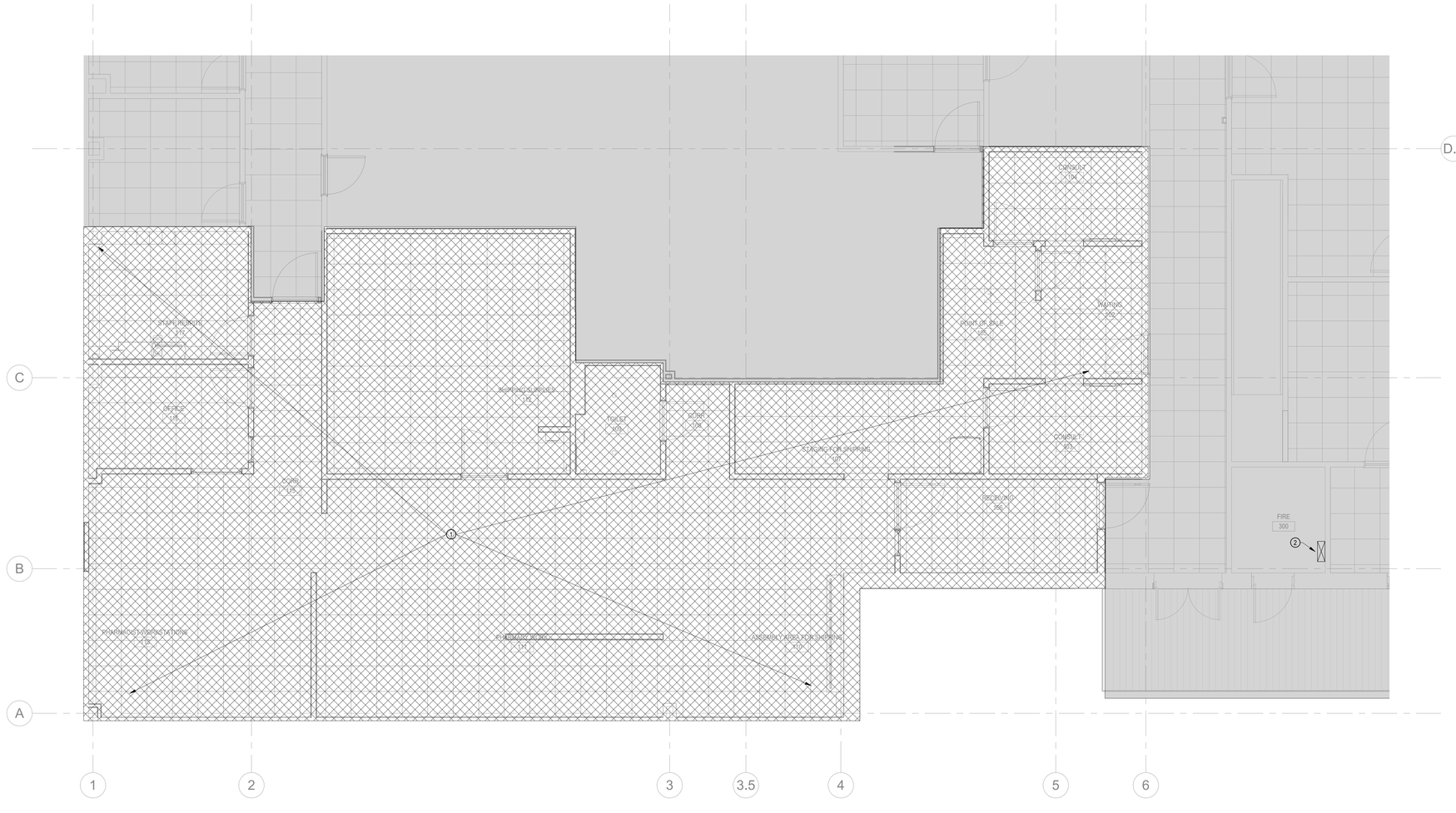
| | |
|---|---|
| 1 | EXTEND THE EXISTING FIRE ALARM SYSTEM TO THIS AREA. PROVIDE NEW FIRE ALARM DEVICES AND CIRCUITS AS REQUIRED. |
| 2 | EXISTING FIRE ALARM PANEL LOCATION |

## FIRE ALARM GENERAL NOTES

1. FIRE ALARM SYSTEMS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE AND IN COMPLIANCE WITH NFPA 72 AND MEET LOCALLY ADOPTED CODES AND ADA REQUIREMENTS.
2. THE FIRE ALARM SYSTEM SHALL FORM A COMPLETE, OPERATIVE, COORDINATED SYSTEM INCLUDING, BUT NOT LIMITED TO ALARM INITIATING DEVICES, ALARM NOTIFICATION APPLIANCES, CONTROL PANEL, AUXILIARY CONTROL DEVICES, DUCT DETECTORS, ANNUNCIATORS, POWER SUPPLIES AND WIRINGS ON THE DRAWINGS
3. ENGAGE THE SERVICES OF A LICENSED FIRE ALARM INSTALLATION COMPANY TO DESIGN, INSTALL AND TEST THE FIRE ALARM SYSTEM.
4. PROVIDE ALL MODIFICATIONS TO EXISTING FIRE ALARM PANELS REQUIRED TO ACCCOMMODATE NEW DEVICES AND PROVIDE A CODE MINIMUM SYSTEM.
5. IF REQUIRED BY AHJ, RETEST THE COMPLETE SYSTEM AT COMPLETION OF PROJECT.
6. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING J-BOXES WITH 3/4"C WITH PULL STRINGS TO ACCESSIBLE CEILING.
7. ALL NEW FIRE ALARM CABLING TO BE FULLY CONCEALED WITHIN CONDUIT AND BOXES TO MATCH EXISTING.
8. KEEP EXISTING FIRE ALARM SYSTEMS OPERABLE DURING CONSTRUCTION.
9. THE AREAS IN CROSS HATCH ARE IN SCOPE UNLES OTHERWISE NOTED WITH SOLID FILL IN BACKGROUND. SOLID FILL AREAS ARE EXISTING TO REMAIN.
10. PROVIDE SPEAKER/STROBE IN CORRIDORS AND COMMON ROOMS.
11. IN CORRIDOR LESS THAN 20FT WIDE, PROVIDE SPEAKER/STROBE AT 30FT MAXIMUM SPACING AND A MAXIMUM OF 15FT FROM END OF CORRIDORS.

## LEGEND

- EXTEND THE EXISTING FIRE ALARM SYSTEM.
- NOT IN SCOPE




TRUE NORTH PLAN NORTH

1 **FIRE ALARM PLAN AREA F**
1/4" = 1'-0"

D A
E B
F C

KEY PLAN


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Registration No. 9102



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# JPS HEALTH NETWORK
# JPS MEDICAL HOME SW SPECIALTY PHARMACY
CONSTRUCTION DOCUMENTS
FORT WORTH, TEXAS

REVISIONS

| NO. | DESCRIP. | DATE |
|---|---|---|

TITLE
**FIRE ALARM PLAN AREA F**

PROJECT NO.
**P30481.11**

ISSUE DATE
**04/14/2025**

DRAWING NO.
**E5.01**

STATE OF TEXAS
LAURA COWLEY
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PROFESSIONAL ENGINEER

04/14/2025

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# PLUMBING ABBREVIATIONS, GENERAL NOTES AND SYMBOLS

## ABBREVIATIONS

| | |
|---|---|
| A | AIR - COMPRESSED |
| ABV | ABOVE |
| A/C | AIR CONDITIONING |
| AD | ACCESS DOOR or PANEL |
| ADR | AREA DRAIN |
| AFF | ABOVE FINISH FLOOR |
| AFG | ABOVE FINISHED GRADE |
| AI | ANALOG INPUT |
| AMP | AMPERE |
| AO | ANALOG OUTPUT |
| BAS | BUILDING AUTOMATION SYSTEM |
| BCV | BALL CHECK VALVE |
| BFF | BELOW FINISHED FLOOR |
| BFP | BACKFLOW PREVENTER |
| BFG | BELOW FINISHED GRADE |
| BLDG | BUILDING |
| BOD | BOTTOM OF DUCT |
| BOP | BOTTOM OF PIPE |
| BR | BRANCH |
| BT | BATHTUB |
| BTUH | BRITISH THERMAL UNITS PER HOUR |
| BWV | BACK WATER VALVE |
| CD | CONDENSATE DRAIN |
| CFH | CUBIC FEET PER HOUR |
| CFM | CUBIC FEET PER MINUTE |
| CFS | CUBIC FEET PER SECOND |
| CHS | CHILLED WATER SUPPLY |
| CHR | CHILLED WATER RETURN |
| CI | CAST IRON |
| CL | CENTERLINE |
| CO | CLEANOUT |
| CRU | COMPUTER ROOM UNIT |
| CU | CONDENSING UNIT |
| CW | COLD WATER |
| DB | DRY BULB |
| DCWR | DOMESTIC COLD WATER RECIRCULATION |
| DCW | DOMESTIC COLD WATER |
| DHWR | DOMESTIC HOT WATER RECIRCULATION |
| DHW | DOMESTIC HOT WATER |
| DF | DRINKING FOUNTAIN |
| DI | DIGITAL INPUT |
| DIA | DIAMETER |
| DN | DOWN |
| DO | DIGITAL OUTPUT |
| DR | DRAIN |
| DS | DOWN SPOUT |
| DW | DOMESTIC WATER |
| DWG | DRAWING |
| DVB | DISHWASHER VALVE BOX |
| EFF | EFFICIENCY |
| ELEC | ELECTRICAL |
| ELEV | ELEVATION |
| EP | EXPLOSION PROOF |
| EUH | ELECTRIC UNIT HEATER |
| EWC | ELECTRIC WATER COOLER |
| EX | EXISTING |
| F | FAHRENHEIT |
| FCU | FAN COIL UNIT |
| FD | FIRE DAMPER or FLOOR DRAIN |
| FH | FIRE HYDRANT |
| FLEX | FLEXIBLE |
| FP | FIRE PROTECTION |
| FPB | FAN POWERED BOX |
| FPI | FINS PER INCH |
| FPM | FEET PER MINUTE |
| FPS | FEET PER SECOND |
| FS | WATERFLOW SWITCH or FLOOR SINK |
| FU | FIXTURE UNIT |
| FV | FLUSH VALVE-FLUSHOMETER |
| FT | FOOT or FEET |
| G | GAS LOW PRESSURE |
| GAL | GALLON |
| GALV | GALVANIZED |
| GC | GENERAL CONTRACTOR |
| GCO | GRADE CLEAN OUT |
| GEN | GENERATOR |
| GPH | GALLONS PER HOUR |
| GPM | GALLONS PER MINUTE |
| GV | GLOBE VALVE |
| HD | HUB DRAIN |
| HH | HAND HOLE |
| HOA | HANDS-OFF AUTOMATIC SWITCH |
| HP | HORSEPOWER |
| HR | HOSE RACK |
| HVAC | HEATING, VENTILATING & AIR CONDITIONING |
| HVC | HOSE VALVE CABINET |
| HZ | HERTZ |
| ID | INSIDE DIAMETER |
| IE | INVERT ELEVATION |
| IN | INCH |
| IVB | ICE MAKER VALVE BOX |
| INV | INVERT |
| KW | KILOWATTS (1000 WATTS) |
| L | LAVATORY |
| LF | LINEAR FEET |
| LG | LENGTH |
| LS | LAUNDRY SINK |
| LT | LIGHT |
| MAN | MANUAL |
| MAX | MAXIMUM |
| MECH | MECHANICAL |
| MH | MANHOLE |
| MIN | MINIMUM, MINUTE |
| MSB | MOP SINK BASIN |
| N | NEW |
| NIC | NOT IN CONTRACT |
| NC | NORMALLY CLOSED or NOISE CRITERIA |
| NO | NORMALLY OPEN or NUMBER |
| NTS | NOT TO SCALE |
| OC | ON CENTER |
| OD | OUTSIDE DIAMETER |
| OFCI | OWNER FURNISHED or CONTRACTOR INSTALLED |
| OFOI | OWNER FURNISHED or OWNER INSTALLED |
| OFL | OVERFLOW LEADER |
| ORD | OVERFLOW ROOF DRAIN |
| P/A | PRE-ACTION |
| PA | PUBLIC ANNOUNCEMENT |
| PC | PLUG COCK or PULL CHAIN |
| PE | PNEUATIC ELECTRIC SWITCH |
| PH | PHASE |
| PIV | POST INDICATOR VALVE |
| PO | PLUGGED OUTLET |
| PRESS | PRESSURE |
| PRV | PRESSURE REDUCING or RELIEF VALVE |
| PS | PRESSURE SWITCH |
| PSI | POUNDS PER SQUARE INCH |
| PTRV | PRESSURE-TEMPERATURE RELIEF VALVE |
| PVC | POLYVINYL CHLORIDE |
| PWR | POWER |
| R | RELAY |
| RA | RETURN AIR |
| RD | ROOF DRAIN |
| REC | RECESSED |
| RED | REDUCER |
| RVB | REFRIGERATOR VALVE BOX |
| S | SINK |
| SAN | SANITARY SEWER |
| SSS | START STOP STATION |
| SA | SUPPLY AIR SAN SANITARY |
| SD | SMOKE DAMPER |
| SE | SERVICE ENTRANCE |
| SF | SUPPLY FAN, SQUARE FEET SENS SENSIBLE |
| SH | SHOWER or SHOWER HEAD or SUPPLY HOOD |
| SPEC | SPECIFICATION |
| SPRK | SPRINKLER |
| SHDR | SHOWER DRAIN |
| SP | STATIC PRESSURE |
| ST | STACK or STORM DRAIN |
| STSTL | STAINLESS STEEL |
| SV | SOLENOID VALVE |
| SW | STORM WATER |
| TCO | TWO-WAY CLEANOUT |
| TD | TRENCH DRAIN |
| TEMP | TEMPERATURE |
| TMV | THERMOSTATIC MIXING VALVE |
| TSTAT | THERMOSTAT |
| TYP | TYPICAL |
| U | URINAL |
| UF | UNDERFLOOR |
| UG | UNDERGROUND UN UNION |
| UH | UNIT HEATER |
| V | VENT or VOLT |
| VAV | VARIABLE AIR VOLUME TERMINAL UNIT |
| VB | VACUUM BREAKER |
| VEL | VELOCITY |
| VOL | VOLUME |
| VP | VAPORPROOF |
| VTR | VENT THRU ROOF |
| W | WATT or WIRE |
| W/ | WITH |
| WB | WET BULB |
| WC | WATER CLOSET |
| WCO | WALL CLEAN OUT |
| WD | WASHER/DRYER CONNECTIONS |
| WG | WATER GAUGE |
| WHYD | WALL HYDRANT |
| WMB | WASHING MACHINE BOX |
| WP | WEATHERPROOF |
| WS | WASH SINK |
| YCO | YARD CLEANOUT |
| YD | YARD DRAIN |
| YH | YARD HYDRANT |

## GENERAL DEMOLITION NOTES

1. THE SCOPE OF DEMOLITION WORK INCLUDES DEMOLITION AND REMOVAL OF ALL EXISTING PLUMBING EQUIPMENT AND PIPING SHOWN TO BE REMOVED ON THE DEMOLITION DRAWINGS.

2. LOCATION OF EXISTING EQUIPMENT AND PIPING SHOWN ON THESE DRAWINGS IS APPROXIMATE. THE CONTRACTOR IS RESPONSIBLE FOR THE CAREFUL STUDY OF ALL PROPOSED WORK, THE VERIFICATION OF FIELD CONDITIONS, AND THE PERFORMANCE OF COMPLETE DEMOLITION WORK RELATED THERETO.

3. ALL ITEMS CALLED OUT FOR "SALVAGE" SHALL BE CLEANED. COORDINATE WITH THE OWNER ITEMS TO BE "SALVAGED" AND DELIVERED TO THE OWNER IN AN ORDERLY MANNER.

4. ALL DEMOLITION MATERIALS NOT SALVAGED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFF SITE. ALL METALS SHALL BE DISPOSED IN A METAL DUMPSTER. CONTRACTOR SHALL SUPPLY METAL DUMPSTER AND LOCATION SHALL BE COORDINATED WITH THE OWNER.

5. CONTRACTOR SHALL SUBMIT A DEMOLITION PHASING PLAN TO THE ARCHITECT FOR REVIEW AND COMMENT PRIOR TO IMPLEMENTING DEMOLITION ACTIVITIES.

6. EXISTING UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE. CONTRACTOR SHALL LOCATE ALL UTILITIES AFFECTED BY CONSTRUCTION ACTIVITIES AND SHALL PROTECT THEM FROM DAMAGE OR ADJUST AS NECESSARY TO ACTUAL CONDITIONS.

7. CONTRACTOR SHALL COORDINATE ALL SYSTEM SHUTDOWNS AND TESTING WITH THE OWNER.

8. NO EQUIPMENT SHALL BE REMOVED/DEMOLISHED BEFORE REPLACEMENT EQUIPMENT ARRIVES ON SITE AND VERIFIED FROM OWNER THAT EQUIPMENT CAN BE REMOVED/DEMOLISHED.

## GENERAL NOTES

1. GENERAL CONTRACTOR SHALL ACCUMULATE ALL RELATED INFORMATION FROM THEIR SUB-CONTRACTORS AND SUPPLIERS THAT WILL ALLOW THE GENERAL CONTRACTOR TO INCORPORATE ALL ELEMENTS AND WORK OF ALL TRADES INTO A FULLY COORDINATED AUTO-CAD DRAWING THROUGH AREAS OF DENSE MECHANICAL, ELECTRICAL, CABLE TRAYS, PLUMBING, SECURITY, PA SYSTEM AND FIRE PROTECTION SYSTEMS PRIOR TO THE FABRICATION OR INSTALLATION OF ANY WORK SO AS TO CONFIRM PROPER ACCESS TO ALL ELEMENTS FOR PROPER OPERATION AND MAINTENANCE SERVICE SPACE.

2. ALL WORK BY CONTRACTOR SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE AND LOCAL BUILDING CODES INCLUDING THE CURRENT ENERGY CONSERVATION CODE.

3. MATERIALS AND EQUIPMENT FURNISHED UNDER THE CONTRACT SHALL BE NEW AND SHALL BEAR THE U.L. LABEL WHERE APPLICABLE, UNLESS NOTED OTHERWISE. ALL WORK SHALL BE GUARANTEED AGAINST DEFECTIVE MATERIALS AND WORKMANSHIP FOR A PERIOD OF NOT LESS THAN ONE YEAR AFTER COMPLETION AND ACCEPTANCE BY THE OWNER.

4. CONTRACTOR SHALL INSTALL SYSTEMS WITHOUT INTERFERENCE AND IN STRICT COORDINATION WITH OTHER TRADES.

5. MATERIALS AND WORKMANSHIP SHALL COMPLY WITH THE CONTRACT DOCUMENTS AND APPLICABLE CODES AND STANDARDS. IN CASE OF DIFFERENCE BETWEEN APPLICABLE CODES AND STANDARDS AND THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE OWNER'S REPRESENTATIVE IN WRITING OF SUCH DIFFERENCE. SHOULD THE CONTRACTOR PERFORM ANY WORK THAT DOES NOT COMPLY WITH REQUIREMENTS OF APPLICABLE CODES AND STANDARDS HE SHALL BEAR ALL COSTS ARISING IN CORRECTING SUCH DEFECTS.

6. PROVIDE ACCESS, INCLUDING NECESSARY ACCESS DOORS, FOR EQUIPMENT REQUIRING ADJUSTMENT OR MAINTENANCE. LOCATE ALL EQUIPMENT SUCH THAT OPERATION OR MAINTENANCE IS NOT RESTRICTED.

7. DO NOT RUN PIPING OR LOCATE EQUIPMENT, WITH RESPECT TO SWITCHBOARDS, PANELBOARDS, POWER PANELS, MOTOR CONTROL CENTERS OR DRY TYPE TRANSFORMERS WITHIN APPLICABLE CODE CLEARANCES OR MANUFACTURER'S RECOMMENDED SERVICE CLEARANCES, WHICHEVER IS GREATER.

8. THIS CONTRACTOR SHALL COORDINATE ROUTING OF PIPING IN CEILING SPACES WITH MECHANICAL AND ELECTRICAL EQUIPMENT, DUCTWORK AND CONDUIT. SHOULD A CONFLICT OCCUR THIS CONTRACTOR SHALL NOTIFY THE ARCHITECT/ ENGINEER PRIOR TO INSTALLING AN ALTERNATE PIPING PLAN.

9. PIPE LOCATIONS SHOWN ARE FOR ILLUSTRATION ONLY. LOCATE SERVICE LINES AND DROPS AGAINST WALLS AND BEHIND EQUIPMENT WHERE POSSIBLE.

10. FOR EACH WASTE WATER LATERAL, CONTRACTOR SHALL SUPPLY, INSTALL, AND CONNECT SERVICE TO EQUIPMENT. SLOPE WASTE WATER A MINIMUM OF 1/4" PER FOOT UNLESS NOTED OTHERWISE.

11. REFER TO PLUMBING SPECIFICATIONS FOR PRESSURE TESTING OF SYSTEM PRIOR TO FINAL HOOK-UP.

12. CONTRACTOR SHALL LABEL NEW PIPE SPECIFYING UTILITY TYPE AT MAXIMUM 20 FOOT INTERVALS. LETTERING FOR PIPING 2 1/2" OR SMALLER SHALL BE 3/4" MINIMUM. LETTERING FOR PIPING 3" AND LARGER SHALL BE 1 1/2" MINIMUM. SEE PLUMBING SPECIFICATIONS.

13. PROVIDE CLEANOUTS AT NO MORE THAN 75 FT. APART IN HORIZONTAL SANITARY DRAINAGE LINES 4" SIZE OR LESS.

14. SECURE AND VERIFY ALL MEASUREMENTS AND CONDITIONS AT JOB BEFORE PROCEEDING WITH FABRICATION OF WORK.

15. ROUGH IN ALL PIPING THROUGH FACE OF WALL WHERE POSSIBLE, EXCEPT IN OUTSIDE WALLS. TERMINATE WITH SHORT NIPPLE AND CAP.

16. ALL FIXTURES TO BE EQUIPPED WITH STOP VALVES IN ACCESSIBLE LOCATIONS.

17. COORDINATE EXACT LOCATION AND INVERT ELEVATION OF ALL SANITARY AND DOMESTIC WATER PIPING EXITS FROM STRUCTURE WITH THE SITE UTILITY CONTRACTOR.

18. REFER TO DRAINAGE AND UTILITY DRAWINGS FOR CONTINUATION OF ALL PIPING BEYOND 5'-0" FROM BUILDING.

19. CONTRACTOR SHALL COORDINATE INVERT ELEVATIONS OF DOMESTIC WATER, SANITARY SEWER, AND GAS LINE WITH THE CIVIL ENGINEER WHERE CROSSING OCCURS.

20. CONTRACTOR SHALL SLEEVE ALL PIPING THAT PASSES THROUGH THE GRADE BEAM WITH A SLEEVE DIAMETER 2 INCHES GREATER THAN PIPE DIAMETER. SLEEVE SHALL BE LOCATED AT MID-DEPTH OF GRADE BEAM OR OTHERWISE CONTACT ENGINEER FOR APPROVAL.

20. CONTRACTOR SHALL ROUTE CONDENSATE LINES FROM AIR HANDLING UNITS TO APPROVED RECEPTORS. SLOPE CONDENSATE AT 1/8" PER FOOT UNLESS OTHERWISE NOTED ON DRAWINGS.

## PLUMBING DESIGN CRITERIA

REFERENCE CODES AND STANDARDS

A.2 2021 INTERNATIONAL BUILDING CODE W/ FORT WORTH AMENDMENTS
B.2 2021 INTERNATIONAL PLUMBING CODE W/ FORT WORTH AMENDMENTS
C.2 2021 INTERNATIONAL ENERGY CONSERVATION CODE W/ FORT WORTH AMENDMENTS

## UTILITY LINE STYLES

| | | |
|---|---|---|
| (A) | AIR - COMPRESSED PIPING | A |
| (AV) | ACID VENT PIPING | AV |
| (AW) | ACID WASTE PIPING | AW |
| (CD) | CONDENSATE DRAIN PIPING | CD |
| (CDW) | CHILLED DRINKING WATER PIPING | CDW |
| (CID) | CONDENSATE - INDIRECT DRAIN PIPING | CID |
| (CW) | COLD WATER PIPING | CW |
| (DCW) | DOMESTIC COLD WATER PIPING | DCW |
| (DHW) | DOMESTIC HOT WATER PIPING | DHW |
| (DHWR) | DOMESTIC HOT WATER RETURN PIPING | DHWR |
| (FCW) | FILTERED COLD WATER PIPING | FCW |
| (FDC) | FIRE DEPARTMENT CONNECTION | FDC |
| (FS) | FIRE SPRINKLING PIPING | FS |
| (G) | NATURAL GAS PIPING | G |
| (GV) | GREASE VENT PIPING | GV |
| (GW) | GREASE WASTE PIPING | GW |
| (HG) | HIGH PRESSURE GAS LINE | HG |
| (MG) | MEDIUM PRESSURE GAS LINE | MG |
| (NPW) | NON - PORTABLE WATER | NPW |
| (OD) | OVERFLOW DRAIN | OD |
| (PD) | PUMPED DISCHARGE | PD |
| (ST) | STORM DRAIN PIPING | SD |
| (SO) | SAND & OIL WASTE PIPING | SO |
| (SAN) | SANITARY OR WASTE PIPING | SS |
| (SSD) | SUB-SOIL DRAIN OR FOOTING DRAIN | SSD |
| (TP) | TRAP PRIMER LINE | TP |
| (V) | VENT PIPING | V |
| (/) | UNDERFLOOR PIPING | / |

## SYMBOLS

- ACCESS PANEL FOR TRAP PRIMER -RISER DIAGRAM
- ACCESS PANEL LOCATION SYMBOL
- AIR CHAMBER - RISER DIAGRAM
- ANGLE VALVE
- ASME TEMPERATURE & PRESSURE RELIEF VALVE
- BALANCING VALVE
- BALL VALVE
- BRANCH CONNECTION OUT OF BOTTOM
- BRANCH CONNECTION OUT OF SIDE
- BRANCH CONNECTION OUT OF TOP
- BUTTERFLY VALVE
- CAP ON END OF PIPE
- CLEANOUT (WALL OR CEILING)
- DELTA CHANGE SYMBOL
- ECCENTRIC REDUCER
- EXTERIOR CLEANOUT WITH 18"x18"x4" CONCRETE PAD
- FIRE DEPARTMENT CONNECTION
- FIRE DEPARTMENT VALVE AT RISER
- FIRE HYDRANT
- FLOOR CLEANOUT
- FLOW DIRECTIONAL ARROW
- FLOOR DRAIN
- FLOOR DRAIN WITH P-TRAP
- FLOOR DRAIN WITH P-TRAP AT 45° ANGLE
- FLOW INDICATING BALANCE
- FLOOR SINK
- FLOW SWITCH
- GAS METER
- GAS PRESSURE REGULATOR
- HORIZONTAL SWING CHECK
- HOSE BIBB
- HUB DRAIN
- INVERT ELEVATION
- LUBRICATED PACKED PLUG STOP COCK
- NEW TO EXISTING CONNECTION
- OS&Y VALVE
- PIPING DOWN
- PIPING UP -OR- PIPING UP & DOWN
- POINT OF DISCONNECTION
- PRESSURE GAUGE WITH COCK
- PRESSURE REDUCING VALVE
- REDUCER OR INCREASER
- REDUCED PRESSURE BACKFLOW PREVENTER
- REFER TO KEYED DEMO NOTE
- RISE OR DROP PIPING
- RISER FLAG
- ROOF DRAIN - RISER DIAGRAM
- SHOCK ABSORBER WITH ACCESS PANEL - RISER DIAGRAM
- SHUT-OFF VALVE
- SLOPE INDICATOR
- SOLENOID VALVE
- STRAINER
- TEST COCK
- THERMOMETER
- TWO-WAY CLEANOUT (PROVIDE 18"x24"x4" CONCRETE PAD)
- UNION
- VACUUM RELIEF VALVE
- VALVE IN RISE
- WALL HYDRANT
- WYE & 1/8TH BEND BRANCH CONNECTION
- WYE BRANCH CONNECTION

**NOTE:** ***SOME SYMBOLS MAY NOT BE USED.***


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**JPS HEALTH NETWORK**
**JPS MEDICAL HOME SW SPECIALTY PHARMACY**
CONSTRUCTION DOCUMENTS
FORT WORTH, TEXAS

NOT FOR CONSTRUCTION

REVISIONS

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TITLE
**PLUMBING COVER**

PROJECT NO.
**P30481.11**

ISSUE DATE
**04/14/2025**

DRAWING NO.
**P0.01**

STATE OF TEXAS
JAMES T. BARRON
93673
LICENSED PROFESSIONAL ENGINEER
04/14/2025


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## NOTES BY SYMBOL:

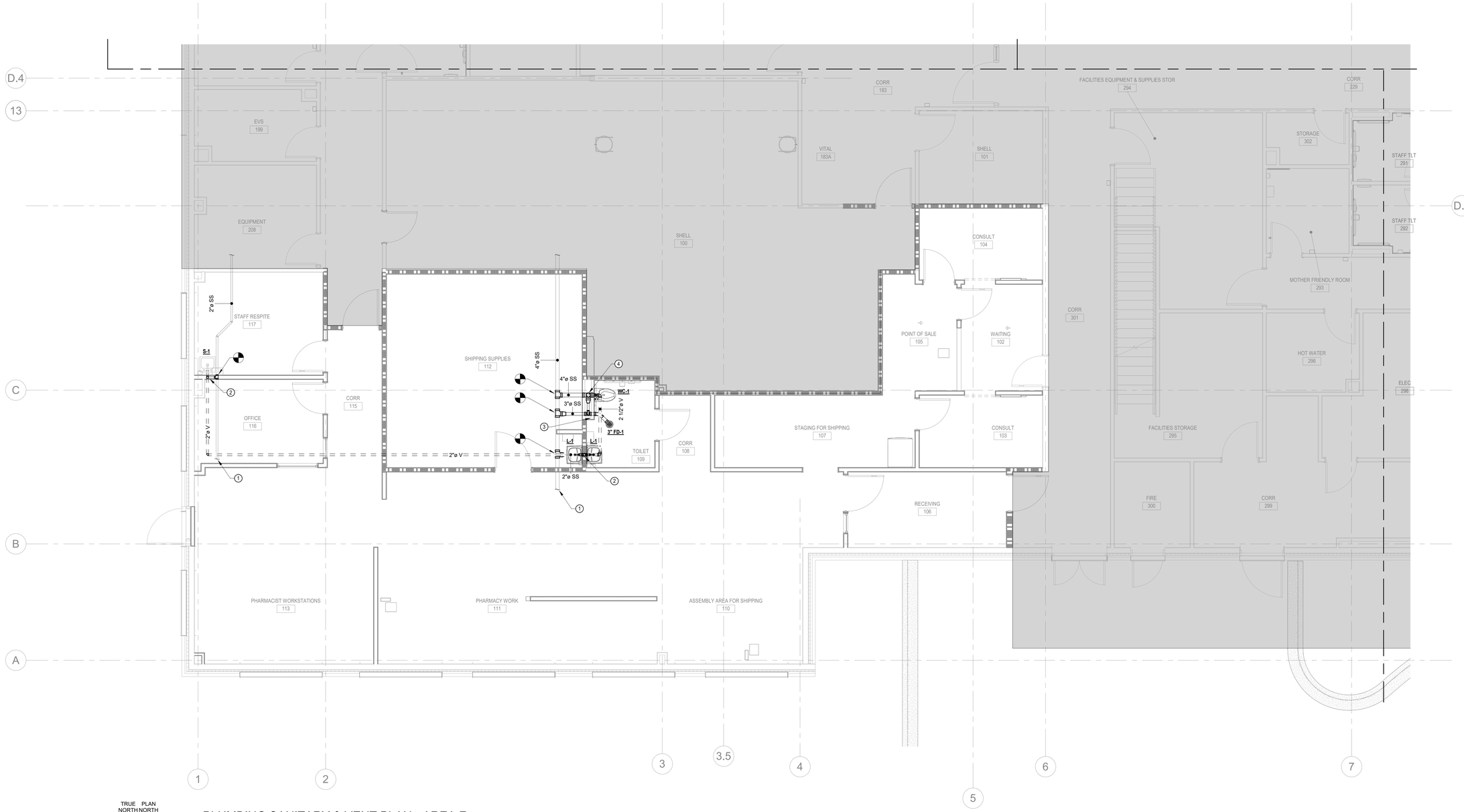
| | |
|---|---|
| 1 | SANITARY STUB-UPS BEYOND THIS POINT SHALL BE CUT BACK AND PROVIDED WITH FLOOR CLEANOUTS. |
| 2 | 2" WASTE UP FROM BELOW GRADE. 2" VENT DOWN FROM ABOVE CEILING. CONTRACTOR SHALL SAWCUT THE SLAB AS REQUIRED TO ACCOMMODATE THE NEW FIXTURE INSTALLATION AND PATCH/REPAIR AS REQUIRED TO MATCH. |
| 3 | 2" VENT UP FROM BELOW GRADE ROUTED OVER IN CHASE TO CONNECT TO 4" VENT THRU ROOF IN VERTICAL. CONTRACTOR SHALL SAWCUT THE SLAB AS REQUIRED TO ACCOMMODATE THE NEW FIXTURE INSTALLATION AND PATCH/REPAIR AS REQUIRED TO MATCH. |
| 4 | 4" WASTE UP FROM BELOW GRADE. 4" VENT DOWN FROM ABOVE CEILING TO CONTINUE THRU ROOF. CONTRACTOR SHALL SAWCUT THE SLAB AS REQUIRED TO ACCOMMODATE THE NEW FIXTURE INSTALLATION AND PATCH/REPAIR AS REQUIRED TO MATCH. SEAL VENT THRU ROOF PENETRATION WATER TIGHT. |

## LEGEND

- EXISTING
- NEW
- NOT IN SCOPE

## PLUMBING GENERAL NOTES:

1. CONTRACTOR SHALL VERIFY ALL EXISTING PIPING INVERTS AND EXACT LOCATIONS OF EXISTING PLUMBING EQUIPMENT BEFORE BEGINNING ANY WORK.
2. INSTALL ISOLATION VALVES AT EACH FIXTURE OR RESTROOM GROUP OF FIXTURES. NO VALVES SHALL BE INSTALLED OVER 11'-0" A.F.F.
3. ALL LAVATORIES, SINKS AND URINALS ARE TO HAVE AN INDIVIDUAL CLEANOUT LOCATED 6" ABOVE THE FLOOD RIM OF THE HIGHEST FIXTURE ON THE STACK.
4. ALL FLOOR DRAINS SHALL BE PROVIDED WITH A TRAP PRIMER ROUTED FROM THE NEAREST PLUMBING CHASE. PROVIDE ACCESS DOOR FOR TRAP PRIMER.
5. REFER TO PLUMBING ROUGH-IN SCHEDULE FOR PIPE SIZES TO INDIVIDUAL FIXTURES.




TRUE NORTH PLAN NORTH

1 PLUMBING SANITARY & VENT PLAN - AREA F
SCALE: 1/4" = 1'-0"


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# JPS HEALTH NETWORK
# JPS MEDICAL HOME SW SPECIALTY PHARMACY

CONSTRUCTION DOCUMENTS

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TITLE
**PLUMBING SANITARY & VENT PLAN - AREA F**

PROJECT NO.
**P30481.11**

ISSUE DATE
**04/14/2025**

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**P1.01**

STATE OF TEXAS
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04/14/2025

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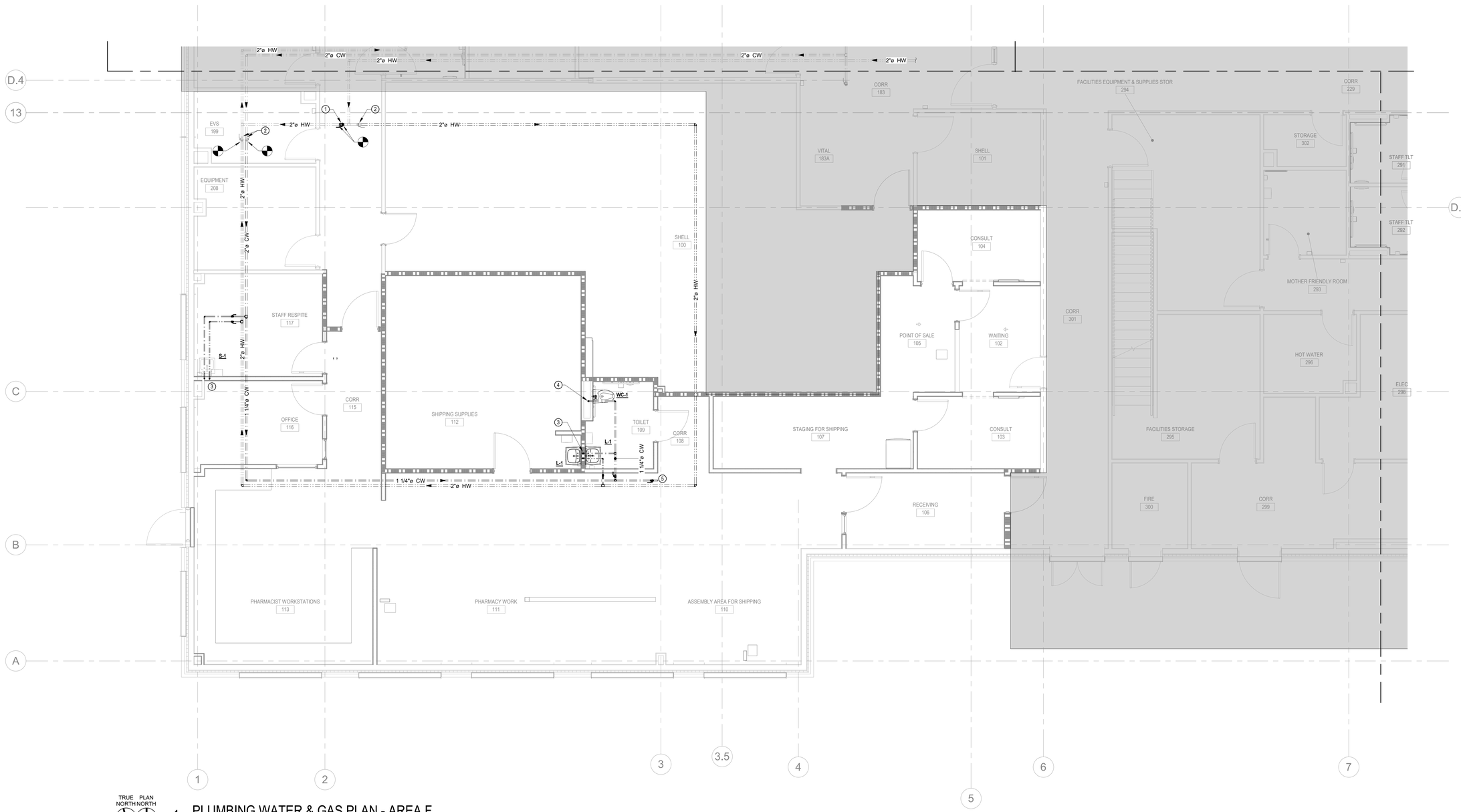
| | |
|---|---|
| 1 | INSTALL NEW 2" NORMALLY CLOSED MANUAL LOOP BYPASS VALVE. |
| 2 | EXISTING VALVE SHALL BE NORMALLY OPEN. |
| 3 | 3/4" CW/HW DOWN TO SERVE FIXTURE(S). |
| 4 | 1" CW DOWN TO SERVE FIXTURE. |
| 5 | VALVE AND CAP 1 1/4" CW FOR FUTURE CONNECTION. |

## LEGEND

- EXISTING
- NEW
- NOT IN SCOPE

## PLUMBING GENERAL NOTES:

1. CONTRACTOR SHALL VERIFY ALL EXISTING PIPING INVERTS AND EXACT LOCATIONS OF EXISTING PLUMBING EQUIPMENT BEFORE BEGINNING ANY WORK.
2. INSTALL ISOLATION VALVES AT EACH FIXTURE OR RESTROOM GROUP OF FIXTURES. NO VALVES SHALL BE INSTALLED OVER 11'-0" A.F.F.
3. ALL LAVATORIES, SINKS AND URINALS ARE TO HAVE AN INDIVIDUAL CLEANOUT LOCATED 6" ABOVE THE FLOOD RIM OF THE HIGHEST FIXTURE ON THE STACK.
4. ALL FLOOR DRAINS SHALL BE PROVIDED WITH A TRAP PRIMER ROUTED FROM THE NEAREST PLUMBING CHASE. PROVIDE ACCESS DOOR FOR TRAP PRIMER.
5. REFER TO PLUMBING ROUGH-IN SCHEDULE FOR PIPE SIZES TO INDIVIDUAL FIXTURES.




TRUE NORTH PLAN NORTH

1 PLUMBING WATER & GAS PLAN - AREA F

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

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# JPS HEALTH NETWORK
# JPS MEDICAL HOME SW SPECIALTY PHARMACY

CONSTRUCTION DOCUMENTS

FORT WORTH, TEXAS

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TITLE
**PLUMBING WATER & GAS PLAN - AREA F**

PROJECT NO.
**P30481.11**

ISSUE DATE
**04/14/2025**

DRAWING NO.
**P2.01**

REGISTERED PROFESSIONAL ENGINEER
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# PLUMBING FIXTURE SCHEDULE

| TYPE | FIXTURE DESCRIPTION | SEAT | FLUSH VALVE | ROUGH-INS | NOTES |
|---|---|---|---|---|---|
| WC-1 (T.A.S.) | WATER CLOSET, WALL MOUNTED FLUSHOMETER, A.D.A./T.A.S. HEIGHT, 1.28 GALLONS PER FLUSH, VITREOUS CHINA, ELONGATED BOWL, WITH 1-1/2" TOP SPUD AND BOLT COVERS. AMERICAN STANDARD 16-1/2" HEIGHT "AFWALL FLOWISE" #3341.001. | ELONGATED OPEN FRONT WHITE PLASTIC SEAT WITH SELF SUSTAINING CHECK HINGES. OLSONITE #95. | 1.28 GAL. FLUSH CYCLE. EXPOSED, DIAPHRAGM TYPE. CHROME PLATED CLOSET FLUSHOMETER. VACUUM BREAKER, SPUD COUPLING FOR 1-1/2" TOP SPUD. SLOAN ROYAL #111-1.28. | 4" WASTE, 2" VENT, 1" CW. | MOUNT FLUSH VALVE OPERATING HANDLE ON ACCESSIBLE SIDE. |

| TYPE | FIXTURE DESCRIPTION | FAUCET | STRAINER | P-TRAP | SUPPLIES | CARRIER | ROUGH-INS | NOTES |
|---|---|---|---|---|---|---|---|---|
| L-1 (T.A.S.) | LAVATORY, WALL HUNG, VITREOUS CHINA, 20-1/2" X 18-1/4" WITH FRONT OVERFLOW AND CONCEALED ARM SUPPORTS, FAUCET, ON 4" CENTERS. HEIGHT OF LAVATORY SHALL MEET T.A.S. REQUIREMENTS. AMERICAN STANDARD "LUCERNE" #0355.012. | 4" CENTERS, SINGLE LEVER, CERAMIC MIXING CARTRIDGE, VOLUME CONTROL, SOFTFLO AERATOR, 4-5/8" CHROME PLATED BRASS SPOUT. 0.5 GPM MAX FLOW RATE. CHICAGO MODEL #420-E2805ABCP. | 1-1/4" 17 GAUGE OFFSET WHEELCHAIR STRAINER, CHROME PLATED BRASS GRID DRAIN WITH ELBOW AND 17 GAUGE OFFSET TAILPIECE. MCGUIRE #155WC. | 1-1/4" 17 GAUGE CHROME PLATED HEAVY CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. MCGUIRE #8872. | 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISER. MCGUIRE 2165LK. | RECTANGULAR STEEL TUBING UPRIGHTS WITH WELDED 4" SQUARE BASE ANCHORED TO CONCRETE WITH (4) 1/2" BOLTS, ADJUSTABLE SLEEVE, THREADED CONCEALED ARMS, ALIGNMENT BAR, LOCKING DEVICE, AND LEVELING SCREWS. WADE #W320-M36. | 2" WASTE, 2" VENT, 1/2" HOT & COLD WATER. | VERIFY ALL HEIGHT REQUIREMENTS WITH ARCHITECTURAL DRAWINGS. |
| S-1 (T.A.S.) | SINK, COUNTER MOUNTED, SELF-RIMMING, 18 GAUGE TYPE 304 STAINLESS STEEL, 25" X 21-1/4" X 5-1/2" DEEP, SINGLE COMPARTMENT WITH FAUCET DECK. SINGLE HOLE. HEIGHT OF SINK RIM SHALL MEET T.A.S. REQUIREMENTS. ELKAY #LRAD252155. | SINGLE HOLE SPOUT, 4" CHROME PLATED WRIST BLADE HANDLE, QUARTER TURN CARTRIDGES, CHROME PLATED BRASS RIGID 8" GOOSENECK SPOUT WITH AERATOR. CHICAGO #350-GN8A-E3-317. | HEAVY DUTY STAINLESS STEEL STRAINER WITH STAINLESS STEEL BASKET, 1-1/2" CHROME PLATED BRASS OFFSET TAILPIECE. MCGUIRE #1151AWC. | 1-1/2" 17 GAUGE CHROME PLATED HEAVY CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. MCGUIRE #8912. | 1/2" I.P.S. X 3/8" O.D. CHROME PLATED LOOSE KEY STOP VALVES WITH ESCUTCHEONS AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE #2165LK. | | 2" WASTE, 2" VENT, 1/2" HOT & COLD WATER. | VERIFY ALL HEIGHT REQUIREMENTS WITH ARCHITECTURAL DRAWINGS. |

| TYPE | FIXTURE DESCRIPTION | ROUGH-INS |
|---|---|---|
| FD-1 | FLOOR DRAIN FOR TOILET ROOMS, AND GENERAL AREAS. CAST IRON BODY FLOOR DRAIN WITH 6" STANDARD SATIN NICKEL BRONZE ADJUSTABLE STRAINER, INTEGRAL CLAMPING DEVICE, BOTTOM OUTLET, TRAP PRIMER CONNECTION. WATTS #FD-1100-A6 | 3" WASTE, 2" VENT. |
| TP-1 (TRAP PRIMER) | PRECISION PLUMBING PRODUCTS #FVP-1VB AUTOMATIC FLUSH VALVE TRAP PRIMER. PROVIDE TRAP PRIMER TO ALL FD-1. | 1/2" COLD WATER |
| WCO | WALL CLEANOUT, CAST IRON FERRULE WITH TAPERED BRONZE COUNTERSUNK PLUG WADE #W-8550-D AND 9" SQUARE STAINLESS STEEL SECURED SMOOTH ACCESS COVER WITH NICKEL BRONZE FRAME. WATTS #CO-300-S | |

* ALL LAVATORIES AND SINKS SHALL BE SUPPLIED WITH HOT AND COLD WATER TO FAUCETS AS INDICATED ON PLANS AND FIXTURE SCHEDULE. PROVIDE CHROME PLATED BRASS SUPPLY STOPS WITH LOOSE KEYS AND WALL ESCUTCHEONS. PROVIDE CHROME PLATED FLEXIBLE RISERS OF SIZE REQUIRED TO PROPERLY CONNECT FIXTURES. PROVIDE 17 GAUGE CHROME PLATED CAST BRASS P-TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON.

* PROVIDE MCGUIRE "PROWRAP" INSULATION KITS ON ALL LAVATORIES AND SINKS REQUIRED TO BE T.A.S. ACCESSIBLE. ALL FIXTURES SHALL COMPLY WITH THE STATE ACCESSIBILITY STANDARDS REQUIRE

# THERMO. MIXING VALVE SCHEDULE

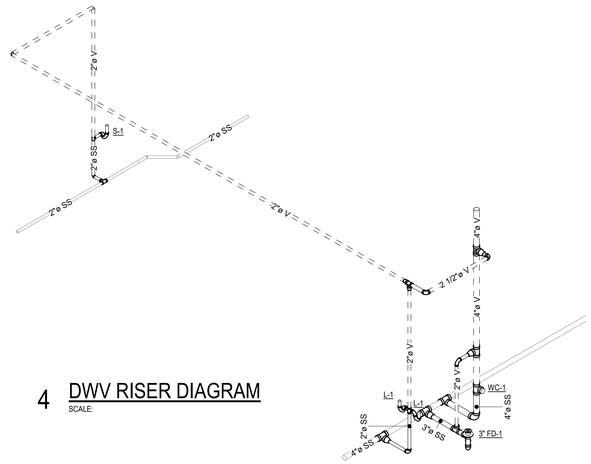
| ITEM NO. | TEMP IN °F | TEMP OUT °F | MIN. FLOW (GPM) | MAX FLOW (GPM) | VALVE FINISH | THERMOMETER | UNION CONN. | PRESS DIFF. | MANUFACTURER / MODEL |
|---|---|---|---|---|---|---|---|---|---|
| TMV-1 | 140 | 105 | 0.5 | 12 | RB | No | Yes | 5.0 | WATTS #LFMMV |

LOCATION:
TMV-1 IS LOCATED AT ALL SINKS AND LAVATORIES. ONE TMV MAY SERVE TWO RESTROOM LAVATORIES

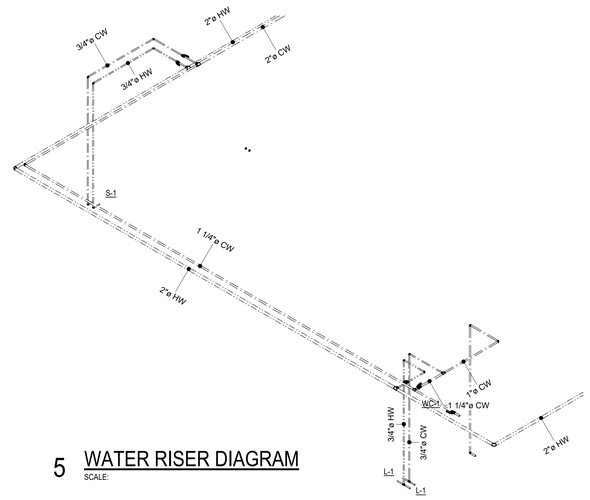
| SHOCK ARRESTOR SCHEDULE | | | |
|---|---|---|---|
| P.D.I. SYMBOL | FIXTURE UNITS | CHAMBER LENGTH | SWEAT CONNECTION |
| A | 1-11 | 9 5/8" | 1/2" |
| B | 12-32 | 11 3/4" | 3/4" |
| C | 33-60 | 14 11/16" | 1" |
| D | 61-113 | 12 3/8" | 1" |
| E | 114-154 | 15 3/8" | 1" |
| F | 155-330 | 17 3/8" | 1" |

# PLUMBING ROUGH-IN SCHEDULE

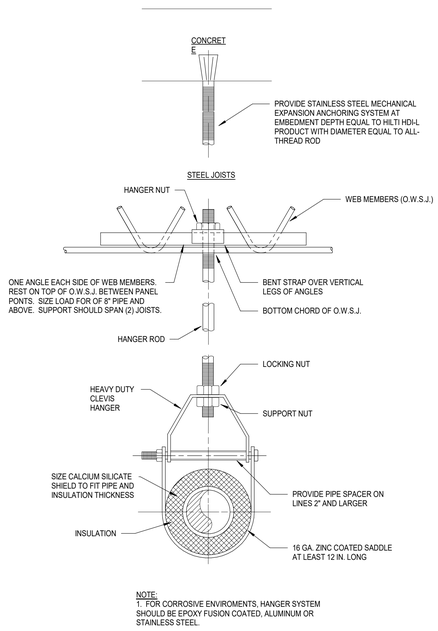
| ITEM NO. | DESCRIPTION | ROUGH-IN MINIMUMS WASTE | VENT | HW | CW | REMARKS |
|---|---|---|---|---|---|---|
| WC-1 | WATER CLOSET | 4" | 2" | - | 1" | FV. T.A.S. |
| L-1 | LAVATORY | 2" | 2" | 1/2" | 1/2" | WALL MNT. T.A.S. |
| S-1 | SINK - SINGLE COMPT. | 2" | 2" | 1/2" | 1/2" | COUNTER MNT. T.A.S. |
| FD-1 | FLOOR DRAIN | SEE PLANS | SEE PLANS | - | - | - |
| WCO | WALL CLEANOUT | SEE PLANS | SEE PLANS | - | - | - |




4 DWV RISER DIAGRAM
SCALE:

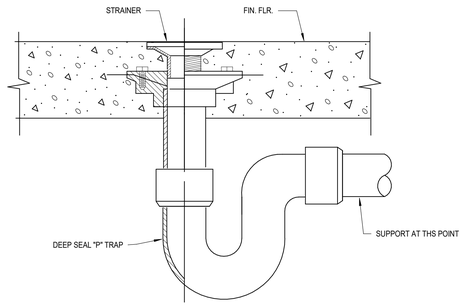



5 WATER RISER DIAGRAM
SCALE:

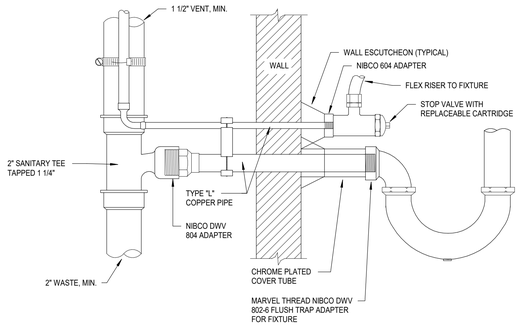



NOTE:
1. FOR CORROSIVE ENVIROMENTS, HANGER SYSTEM SHOULD BE EPOXY FUSION COATED, ALUMINUM OR STAINLESS STEEL.

3 SINGLE INSULATED PIPE SUPPORT DETAIL
SCALE: NOT TO SCALE




2 FLOOR DRAIN (FD-1) DETAIL
SCALE: NOT TO SCALE




NOTES:
1. 1 1/4" PIPE REQUIRED FOR LAVATORIES.
2. 1 1/2" PIPE REQUIRED FOR SINKS.

1 FIXTURE CONNECTION DETAIL
SCALE: NOT TO SCALE

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JPS MEDICAL HOME SW SPECIALTY PHARMACY
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TITLE
PLUMBING SCHEDULES, DETAILS, & RISERS

PROJECT NO.
P30481.11

ISSUE DATE
04/14/2025

DRAWING NO.
P4.01




04/14/2025

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## ABBREVIATIONS

| | |
|---|---|
| **A** | |
| ABV | ABOVE |
| AC | ALTERNATING CURRENT |
| ACS | ACCESS CONTROL SYSTEM |
| ADJ | ADJUSTABLE |
| AFF | ABOVE FINISHED FLOOR |
| AMEN | AMENITY |
| ANSI | AMERICAN NATIONAL STANDARDS INSTITUTE |
| AP | ACCESS POINT |
| ARCH | ARCHITECT, ARCHITECTURAL |
| AUX | AUXILIARY |
| AWG | AMERICAN WIRE GAUGE |
| **B** | |
| BAS | BUILDING AUTOMATION SYSTEM |
| BICSI | BUILDING INDUSTRY CONSULTING SERVICES INTERNATIONAL |
| BLDG | BUILDING |
| BMS | BUILDING MANAGEMENT SYSTEM |
| **C** | |
| C | CONDUIT |
| CAT | CATEGORY |
| CCTV | CLOSED CIRCUIT TELEVISION |
| CFCI | CONTRACTOR FURNISHED, CONTRACTOR INSTALLED |
| CFOI | CONTRACTOR FURNISHED, OWNER INSTALLED |
| CL | CENTER LINE |
| CLG | CEILING |
| CLR | CLEAR |
| CMP | COMMUNICATIONS PLENUM CABLE |
| CMR | COMMUNICATIONS RISER CABLE |
| CNS | CONCESSIONS |
| COMM | COMMUNICATIONS |
| CONF | CONFERENCE |
| CORR | CORRIDOR |
| CP | CONTROL PANEL |
| CR | COMMUNICATIONS ROOM |
| CTRL | CONTROL |
| CU | COPPER |
| **D** | |
| DAS | DISTRIBUTED ANTENNA SYSTEM |
| DEMO | DEMOLISH |
| DIA | DIAMETER |
| DN | DOWN |
| DWG | DRAWING |
| **E** | |
| EA | EACH |
| ELEC | ELECTRICAL |
| ELEV | ELEVATOR |
| EMT | ELECTRICAL METALLIC TUBING |
| ENCL | ENCLOSURE |
| EOL | END OF LINE |
| EQUIP | EQUIPMENT |
| EXIST | EXISTING |
| **F** | |
| FA | FIRE ALARM |
| FE | FIRE EXTINGUISHER |
| **G** | |
| GA | GAUGE |
| GFCI | GROUND FAULT CIRCUIT INTERRUPTER |
| GND | GROUND |
| **H** | |
| HH | HANDHOLE |
| **I** | |
| ID | INSIDE DIAMETER |
| INTL | INTERNATIONAL |
| **J** | |
| J-BOX | JUNCTION BOX |
| **K** | |
| KVA | KILOVOLT AMPERE |
| KW | KILOWATT |
| **L** | |
| LAN | LOCAL AREA NETWORK |
| LB | POUND |
| LCD | LIQUID CRYSTAL DISPLAY |
| LF | LINEAR FEET |
| LTG | LIGHTING |

## ABBREVIATIONS

| | |
|---|---|
| **M** | |
| MAINT | MAINTENANCE |
| MAX | MAXIMUM |
| MCR | MAIN COMMUNICATIONS ROOM |
| MECH | MECHANICAL |
| MEP | MECHANICAL ELECTRICAL PLUMBING |
| MGMT | MANAGEMENT |
| MH | MANHOLE |
| MIN | MINIMUM |
| MPOE | MINIMUM POINT OF ENTRY |
| MTD | MOUNTED |
| **N** | |
| N/A | NOT APPLICABLE |
| NC | NORMALLY CLOSED |
| NEC | NATIONAL ELECTRIC CODE |
| NEMA | NATIONAL ELECTRIC MANUFACTURERS ASSOCIATION |
| NFPA | NATIONAL FIRE PROTECTION ASSOCIATION |
| NIC | NOT IN CONTRACT |
| NO | NORMALLY OPEN |
| NTS | NOT TO SCALE |
| **O** | |
| OAR | OWNER AUTHORIZED REPRESENTATIVE |
| OC | ON CENTER |
| OD | OUTSIDE DIAMETER |
| OFCI | OWNER FURNISHED, CONTRACTOR INSTALLED |
| OFOI | OWNER FURNISHED, OWNER INSTALLED |
| OH | OVERHEAD |
| **P** | |
| PDS | PREMISE DISTRIBUTION SYSTEM |
| PNL | PANEL |
| PVC | POLYVINYL CHLORIDE |
| PWR | POWER |
| **Q** | |
| QTY | QUANTITY |
| **R** | |
| RCP | REFLECTED CEILING PLAN |
| REF | REFER, REFERENCE |
| REQD | REQUIRED |
| RF | RADIO FREQUENCY |
| RGS | RIGID GALVANIZED STEEL |
| RMC | RIGID METALLIC CONDUIT |
| RU | RACK UNIT |
| **S** | |
| SATV | SATELLITE ANTENNA TELEVISION |
| SF | SQUARE FEET |
| SHT | SHEET |
| SIM | SIMILAR |
| SPEC | SPECIFICATIONS |
| SQ | SQUARE |
| STD | STANDARD |
| STOR | STORAGE |
| **T** | |
| TBD | TO BE DETERMINED |
| TGB | TELECOMMUNICATIONS GROUND BUSBAR |
| TMGB | TELECOMMUNICATIONS MAIN GROUNDING BUSBAR |
| TYP | TYPICAL |
| **U** | |
| U/F | UNDERFLOOR |
| U/G | UNDERGROUND |
| UL | UNDERWRITERS LABORATORIES, INC. |
| UPS | UNINTERRUPTIBLE POWER SUPPLY |
| **V** | |
| V | VOLT |
| VA | VOLT-AMPERE, VIRGIN AUSTRALIA |
| VERT | VERTICAL |
| **W** | |
| W/ | WITH |
| W/O | WITHOUT |
| WAO | WORK AREA OUTLET |
| WAP | WIRELESS ACCESS POINT |
| WP | WEATHERPROOF |

## TECHNOLOGY GENERAL NOTES

A. DRAWINGS ARE DRAWN TO SCALE UNLESS OTHERWISE NOTED. CONTRACTOR IS RESPONSIBLE FOR COORDINATING EXACT ROUTING OF ALL SERVICES WITH ALL OTHER TRADES.

B. IN THE INSTALLATION OF THIS WORK, THE CONTRACTOR SHALL COMPLY IN EVERY WAY WITH THE REQUIREMENTS OF LOCAL LAWS AND ORDINANCES, THE LAWS OF THE STATE OF TEXAS, AND THE NATIONAL ELECTRICAL CODE.

C. CAREFULLY EXAMINE THE PREMISES TO DETERMINE THE EXTENT OF WORK AND THE CONDITIONS UNDER WHICH IT MUST BE DONE. IF THERE ARE ANY QUESTIONS REGARDING THE PROJECT, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING CLARIFICATIONS FROM THE DESIGN CONSULTANT OR THEIR DESIGNATED REPRESENTATIVE BEFORE PROCEEDING WITH WORK OR RELATED WORK IN QUESTION.

D. ANY DISCREPANCIES BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS MUST BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT/DESIGN CONSULTANT OR THEIR DESIGNATED REPRESENTATIVE FOR CLARIFICATION.

E. ALL WORK SHALL BE DONE IN A THOROUGH AND CONSCIENTIOUS MANNER ACCORDING TO INDUSTRY STANDARDS AND SHALL BE SUBJECT TO INSPECTION AND ACCEPTANCE. WORK THAT IS DEEMED SUB-STANDARD OR NOT TO INDUSTRY STANDARD WILL BE SUBJECT TO REPLACEMENT OR REPAIR AT NO ADDITIONAL COST TO THE OWNER OR GENERAL CONTRACTOR.

F. PRIOR TO STARTING THE INSTALLATION, THE ASSIGNED INSTALLATION SUPERVISOR OR LEAD TECHNICIAN SHALL PARTICIPATE IN A WALK THROUGH OF THE PROJECT LOCATION WITH THE DESIGN CONSULTANT, OR THE DESIGNATED OWNERS AUTHORIZED REPRESENTATIVE, TO REVIEW THE INSTALLATION.

G. THE CONTRACTOR IS REQUIRED TO PROVIDE SPECIFIED FIRE-RATED DEVICES FOR THE PLACEMENT OF COMMUNICATIONS CABLING ACCORDING TO LOCAL AND NATIONAL CODES.

H. THE CONTRACTOR SHALL PROVIDE, INSTALL, TERMINATE, PATCH, CROSS-CONNECT, LABEL, AND DOCUMENT COMMUNICATIONS CABLING SYSTEMS BASED ON THE PROJECT SPECIFICATIONS AND ACCOMPANYING DRAWINGS.

I. ALL PENETRATED STRUCTURES SHALL BE RETURNED TO ORIGINAL CONDITION AND FIRE RATING.

J. CONTRACTOR SHALL PROVIDE, INSTALL, TERMINATE, AND LABEL RACKS, PATCH PANELS, WIRE MANAGEMENT AND CABLING AS DESCRIBED IN THE SPECIFICATIONS AND DRAWINGS.

K. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER BONDING AND GROUNDING OF THE SYSTEMS IN ACCORDANCE WITH APPLICABLE ELECTRICAL CODES AND ANSI/TIA-607-D.

L. ALL CONDUITS SHALL BE ROUTED TO ACCESSIBLE CEILING SPACE OR AN ACCESS PANEL SHALL BE PROVIDED. ACCESS PANELS SHALL COMPLY WITH FIRE CODE.

M. COORDINATE WORK AREA OUTLET PLACEMENT WITH THE PLACEMENT OF ELECTRICAL OUTLETS WHEREVER POSSIBLE.

## TECHNOLOGY GENERAL PATHWAY NOTES

A. THE DRAWINGS INDICATE ONE ROUTING METHOD OF THE CABLING PATHWAYS. CHANGES MAY BE MADE TO THE PATHWAY SYSTEM TO ACCOMMODATE SITE CONDITIONS OR SIMPLIFY INSTALLATION AS LONG AS ADEQUATE SIZING IS MAINTAINED AND THE DESIGN CONSULTANT APPROVES THE COORDINATION DRAWINGS SUBMITTED FOR REVIEW.

B. COORDINATE TELECOM PATHWAYS WITH OTHER RACEWAY.

C. REGARDLESS OF PATHWAY TYPE, ALL CABLING SHALL BE SUPPORTED AT A 5'-0" MAXIMUM INTERVAL.

D. UNLESS OTHERWISE NOTED, CABLE PATHWAY WITHIN ROOMS WILL RUN PARALLEL TO WALLS.

E. PROVIDE PROPER BONDING AND GROUNDING OF HORIZONTAL PATHWAYS IN ACCORDANCE WITH APPLICABLE ELECTRICAL CODES AND STANDARDS, AND ANSI/TIA-607-D.

F. UNLESS OTHERWISE NOTED ALL CONDUITS ARE ONE-INCH IN DIAMETER.

G. ALL PENETRATIONS OF ARCHITECTURAL BARRIERS SHALL BE COMPLETELY SEALED AT THE CONCLUSION OF EACH DAY OF INSTALLATION.

H. CONDUITS SHALL HAVE A MAXIMUM 40% FILL RATIO. CABLE TRAY SHALL HAVE A MAXIMUM 50% FILL RATIO.

## TECHNOLOGY CONDUIT PATHWAY NOTES

A. CONDUIT RUNS IN EXCESS OF 100 FEET REQUIRE AN ACCESSIBLE PULL BOX. ANY EXCEPTIONS REQUIRE PRE-APPROVAL BY DESIGN CONSULTANT OR THEIR DESIGNATED REPRESENTATIVE.

B. MAINTAIN PROPER CONDUIT BEND RADIUS IN ACCORDANCE WITH ANSI/TIA-569-E. FOR CONDUIT WITH AN INTERNAL DIAMETER OF 2" OR LESS, MAINTAIN A BEND RADIUS OF AT LEAST 6 TIMES THE INTERNAL CONDUIT DIAMETER. FOR CONDUIT WITH AN INTERNAL DIAMETER GREATER THAN 2", MAINTAIN A BEND RADIUS OF AT LEAST 10 TIMES THE INTERNAL CONDUIT DIAMETER.

C. CONDUIT RUNS SUPPORTING A SINGLE WORK-AREA-OUTLET (HORIZONTAL CABLING) MEASURING 2" OR LESS IN DIAMETER THAT 1) EXCEED 100' IN LENGTH, 2) HAVE MORE THAN TWO 90-DEGREE BENDS, OR 3) REQUIRE A REVERSE BEND (BETWEEN 100-DEGREE AND 180-DEGREE) SHALL HAVE, AT MINIMUM, A 4" X 4" X 24" WIREWAY PLACED AT EACH AND EVERY OF THESE CONDITIONS. THIS WIREWAY SHALL BE A NEMA 1 IN INDOOR CEILING SPACES AND NEMA 3R IN OUTDOOR SPACES.

D. DO NOT CONSIDER A PULL BOX AS A BEND. ALL CONDUITS MUST RUN STRAIGHT THROUGH A PULL BOX WITH THE BEND EITHER BEFORE OR AFTER THE PULL BOX.

E. REAM ALL CONDUIT ENDS. FIT STUBBED CONDUITS WITH AN INSULATED BUSHING TO ELIMINATE SHARP EDGES THAT MAY DAMAGE CABLE DURING INSTALLATION OR SERVICE. EQUIP ALL CONDUIT WITH PULL CORD WITH A MINIMUM TEST RATING OF 200 LBS.

F. PATHWAYS INDICATED ON THE DRAWING SET ARE APPROXIMATE. CONTRACTOR SHALL VALIDATE THE PATHWAYS SHOWN, PRIOR TO INSTALLATION, AND REFLECT ANY ALTERATIONS DUE TO PHYSICAL CONFLICTS ON SHOP DRAWING SUBMITTALS.

G. ALL PENETRATIONS THROUGH THE ROOF ARE TO BE IN RIGID CONDUIT TO 12" ABOVE THE FINISHED ROOM AND RIGIDLY SECURED TO THE STRUCTURE BELOW THE DECK. NO FLEX CONDUIT, SEAL TIGHT OR OTHERWISE, MAY PENETRATE THE ROOF. ALL ROOF PENETRATIONS SHALL BE SEPARATED FROM OTHER PENETRATIONS BY 12" MINIMUM AND FROM PARAPET, CURBS, ETC BY 18" MINIMUM.

## TECHNOLOGY SYSTEMS OVERVIEW

THIS DRAWING PACKAGE CONSISTS OF TECHNOLOGY SYSTEMS INFRASTRUCTURE REQUIRED FOR THE SYSTEMS OUTLINED BELOW. THIS PACKAGE PROVIDES GENERAL LOCATIONS OF MAJOR CABLING PATHWAY BOTH VERTICALLY AND HORIZONTALLY, AND COMMUNICATIONS ROOMS REQUIREMENTS.

THE ENTIRE PROJECT SPECIFICATION PACKAGE IS AN INTEGRAL PART OF THESE DOCUMENTS AND ARE TO BE REFERRED TO FOR PRODUCT TYPES, PERFORMANCE, INSTALLATION AND TESTING REQUIREMENTS. THE COMBINED SET OF DOCUMENTS ARE MEANT TO CONVEY THE DESIGN INTENT FOR THIS PROJECT. THE CONTRACTOR IS REQUIRED TO REFINE THIS DESIGN AND DESCRIBE THE PROPOSED SOLUTION IN A SET OF SHOP DRAWINGS. BEFORE ANY WORK COMMENCES, THE CONTRACTOR MUST SEEK APPROVAL THROUGH THE SUBMITTAL PROCESS. ONCE APPROVAL IS OBTAINED, THE SOLUTION MAY BE CONSTRUCTED. THE END OBJECTIVE IS FOR THE CONTRACTOR TO DELIVER A COMPLETE AND WORKING SYSTEM TO THE OWNER.

**COMMUNICATIONS ROOMS**
CONTRACTOR SHALL PROVIDE ALL COMMUNICATIONS ROOM INFRASTRUCTURE AS INDICATED ON THE DRAWINGS.

**HORIZONTAL CABLING**
CONTRACTOR SHALL PROVIDE ALL HORIZONTAL PATHWAYS CONSISTING OF CABLE TRAY, CONDUIT, J-HOOK SUPPORTS, AND FIRE-RATED ASSEMBLIES AS WELL AS ALL HORIZONTAL CABLING AS INDICATED ON THESE DRAWINGS AND ASSOCIATED SPECIFICATIONS. REFER TO THE WI-FI AND VIDEO SURVEILLANCE SECTIONS BELOW FOR ADDITIONAL HORIZONTAL CABLING REQUIREMENTS.

**802.11 WIRELESS (WI-FI)**
CONTRACTOR SHALL PROTECT THE EXISTING WIRELESS ACCESS POINT DEVICES AND ASSOCIATED CABLING IN PLACE.

**VOICE/DATA DEVICES**
OWNER SHALL PROVIDE AND INSTALL ALL VOICE AND DATA END DEVICE EQUIPMENT (TELEPHONES, COMPUTERS, PRINTERS, ETC.) AS DEPICTED IN THESE DRAWINGS.

**VIDEO SURVEILLANCE**
REFER TO THE TY-SERIES DRAWING SET AND DIVISION 28 SPECIFICATIONS FOR ADDITIONAL PROJECT REQUIREMENTS AND PARALLEL WORK, INCLUDING ADDITIONAL HORIZONTAL CABLING.

**PUBLIC SAFETY RADIO DISTRIBUTED ANTENNA SYSTEM (PS-DAS)**
CONTRACTOR SHALL PROTECT THE EXISTING PUBLIC SAFETY RADIO DISTRIBUTED ANTENNA SYSTEM (PS-DAS) DEVICES AND ASSOCIATED CABLING IN PLACE.

## TECHNOLOGY SYMBOL LEGEND

*(ALL SYMBOLS SHOWN ARE NOT NECESSARILY USED)*

| DEVICE SYMBOL | DEVICE DESCRIPTION | |
|---|---|---|
| X | DATA OUTLET WALL MOUNTED | "X" = NUMBER OF CAT6 DATA OUTLET PORTS |
| X AC | DATA OUTLET WALL MOUNTED | "X" = NUMBER OF CAT6 DATA OUTLET PORTS "AC" = ABOVE COUNTER |
| X | DATA OUTLET FLOOR MOUNTED | "X" = NUMBER OF CAT6 DATA OUTLET PORTS |
| X | DATA OUTLET CEILING MOUNTED | "X" = NUMBER OF CAT6 DATA OUTLET PORTS |
| | TV OUTLET WALL MOUNTED | (2) CAT6 DATA OUTLET PORTS PER OUTLET REFER TO AV-SERIES DRAWINGS FOR HEIGHT. |
| | TV OUTLET FLOOR MOUNTED | (2) CAT6 DATA OUTLET PORTS PER OUTLET |
| | TV OUTLET CEILING MOUNTED | (2) CAT6 DATA OUTLET PORTS PER OUTLET |
| W | WALL PHONE | (1) CAT6 WALL PHONE PORTS. 46" AFF TYP. UNO. |
| J FF | FURNITURE FLOOR FED | FLOOR-FED CONDUIT INTO FURNITURE, SIZED AS NOTED. |
| J WF | FURNITURE WALL FED | WALL-FED CONDUIT INTO FURNITURE, SIZED AS NOTED. |
| WAP | WIRELESS ACCESS POINT | TWO CAT6A CABLES PER DEVICE. |
| | QUADPLEX ELEC. RECEPTACLE | WALL MOUNTED 120 VOLT 20 AMP REFER TO ELECTRICAL DRAWINGS FOR DETAILS. |
| | TWIST LOCK ELEC. RECEPTACLE | LADDER RACK MTD. CIRCUIT AS KEYNOTED REFER TO ELECTRICAL DRAWINGS FOR DETAILS. |
| | CABLE TRAY | SIZE AS KEYNOTED |
| TC | TIME CLOCK | OWNER FURNISHED TIMECLOCK. |

## TECHNOLOGY SHEET LIST



| | |
|---|---|
| TN0.00 | TECHNOLOGY LEGEND, NOTES & SCOPE OVERVIEW |
| TN1.21 | TECHNOLOGY OVERALL FLOOR PLAN |
| TN1.22 | TECHNOLOGY FLOOR PLAN - AREA F |
| TN3.21 | TECHNOLOGY OVERALL REFLECTED CEILING PLAN |
| TN3.27 | TECHNOLOGY REFLECTED CEILING PLAN - AREA F |
| TN4.01 | TECHNOLOGY ENLARGED ROOM PLANS - IT ROOM 256 |
| TN5.02 | TECHNOLOGY DETAILS |

TOTAL: 7



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# JPS HEALTH NETWORK
# JPS MEDICAL HOME SW SPECIALTY PHARMACY

CONSTRUCTION DOCUMENTS

FORT WORTH, TEXAS

REVISIONS

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TITLE
**TECHNOLOGY LEGEND, NOTES & SCOPE OVERVIEW**

PROJECT NO.
**P30481.11**

ISSUE DATE
**04/14/2025**

DRAWING NO.
**TN0.00**

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AREA D

AREA A

AREA E

AREA B

AREA E

AREA B

AREA F

AREA C

1 TN1.22
AREA F

1 TN4.01

STAFF RESPITE 117
OFFICE 116
SHIPPING SUPPLIES 112
TOILET 109
STAGING FOR SHIPPING 107
PHARMACIST WORKSTATIONS 113
PHARMACY WORK 111
ASSEMBLY AREA FOR SHIPPING 110
POINT OF SALE 106
WAITING 102
CONSULT 104
CONSULT 103
RECEIVING 108
CORR 301

KEY PLAN

TRUE NORTH PLAN NORTH

1 TECHNOLOGY OVERALL FLOOR PLAN
1/8" = 1'-0"
0' 4' 8' 16'

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# JPS MEDICAL HOME SW SPECIALTY PHARMACY

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TECHNOLOGY OVERALL FLOOR PLAN

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P30481.11

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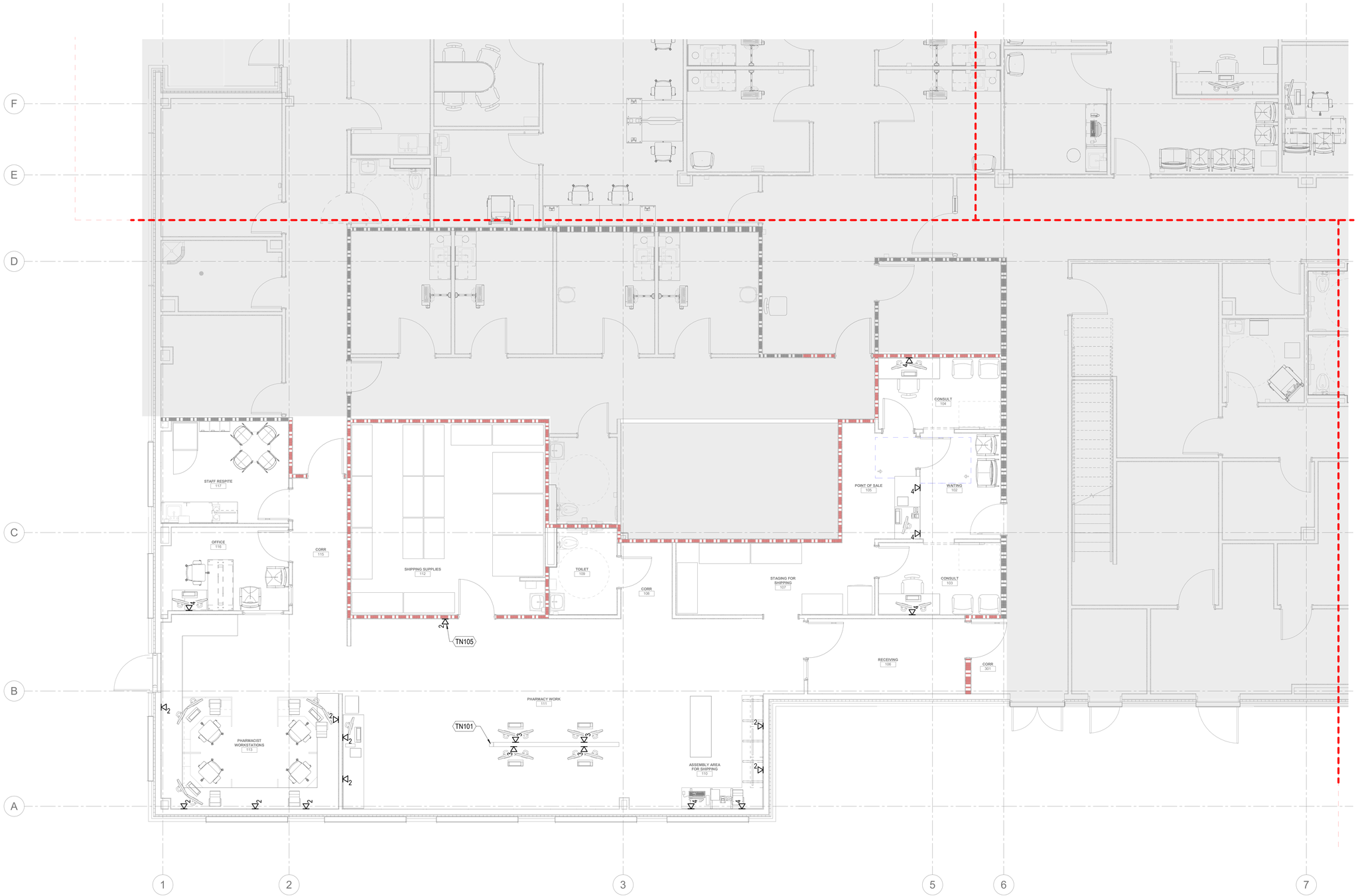
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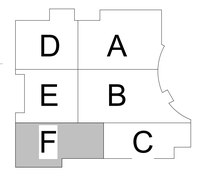
## SHEET KEYNOTES

| KEYNOTE # | DESCRIPTION |
|---|---|
| TN101 | POWER/DATA POLE FROM CEILING ABOVE, REFER TO ELECTRICAL DRAWINGS AND DIVISION 26 SPECS FOR ADDITIONAL DETAIL. |
| TN105 | THIS DATA OUTLET IS INTENDED TO SUPPORT MONITORING OF AN OFCI UPS FOR TWO REFRIGERATORS. THE REFRIGERATORS SHALL BE MONITORED VIA WIRELESS (WI-FI) NETWORK. COORDINATE EXACT OUTLET HEIGHT AND LOCATION WITH THE OWNER PRIOR TO CONDUIT INSTALLATION, AS THE UPS MAY BE WALL-MOUNTED ABOVE THE REFRIGERATORS. |

**GENERAL NOTES:**

A. REFERENCE TY DRAWINGS FOR ADDITIONAL DATA CABLING REQUIREMENTS TO SUPPORT SECURITY DEVICES.




KEY PLAN

TRUE NORTH PLAN NORTH

1 TECHNOLOGY FLOOR PLAN - AREA F

1/4" = 1'-0"

0' 2' 4' 8'

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# JPS MEDICAL HOME SW SPECIALTY PHARMACY

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**TECHNOLOGY FLOOR PLAN - AREA F**

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## SHEET KEYNOTES

| KEYNOTE # | DESCRIPTION |
|---|---|
| TN304 | EXISTING CABLE TRAY. WHICH HAS REACHED CAPACITY. CONTRACTOR MUST NOT INSTALL NEW CABLING IN THIS EXISTING CABLE TRAY. |
| TN305 | EXISTING CABLE TRAY. NEW CABLING TO THE MDF MUST BE INSTALLED THROUGH THIS EXISTING CABLE TRAY. |

AREA D
AREA E
AREA A
AREA B
AREA E
AREA F
AREA B
AREA C

TN304
TN305
2 TN4.01
1 TN3.27 AREA F

STAFF RESPITE 117
SHIPPING SUPPLIES 112
OFFICE 116
CORR 115
TOILET 109
CORR 108
STAGING FOR SHIPPING 107
POINT OF SALE 106
WAITING 102
CONSULT 104
CONSULT 103
RECEIVING 106
PHARMACY WORK 111
PHARMACIST WORKSTATIONS 113
ASSEMBLY AREA FOR SHIPPING 110

TRUE NORTH PLAN NORTH

1 TECHNOLOGY OVERALL REFLECTED CEILING PLAN
1/8" = 1'-0"
0' 4' 8' 16'

D A
E B
F C
KEY PLAN

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# JPS MEDICAL HOME SW SPECIALTY PHARMACY
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TITLE
**TECHNOLOGY OVERALL REFLECTED CEILING PLAN**

PROJECT NO.
**P30481.11**

ISSUE DATE
**04/14/2025**

DRAWING NO.
**TN3.21**

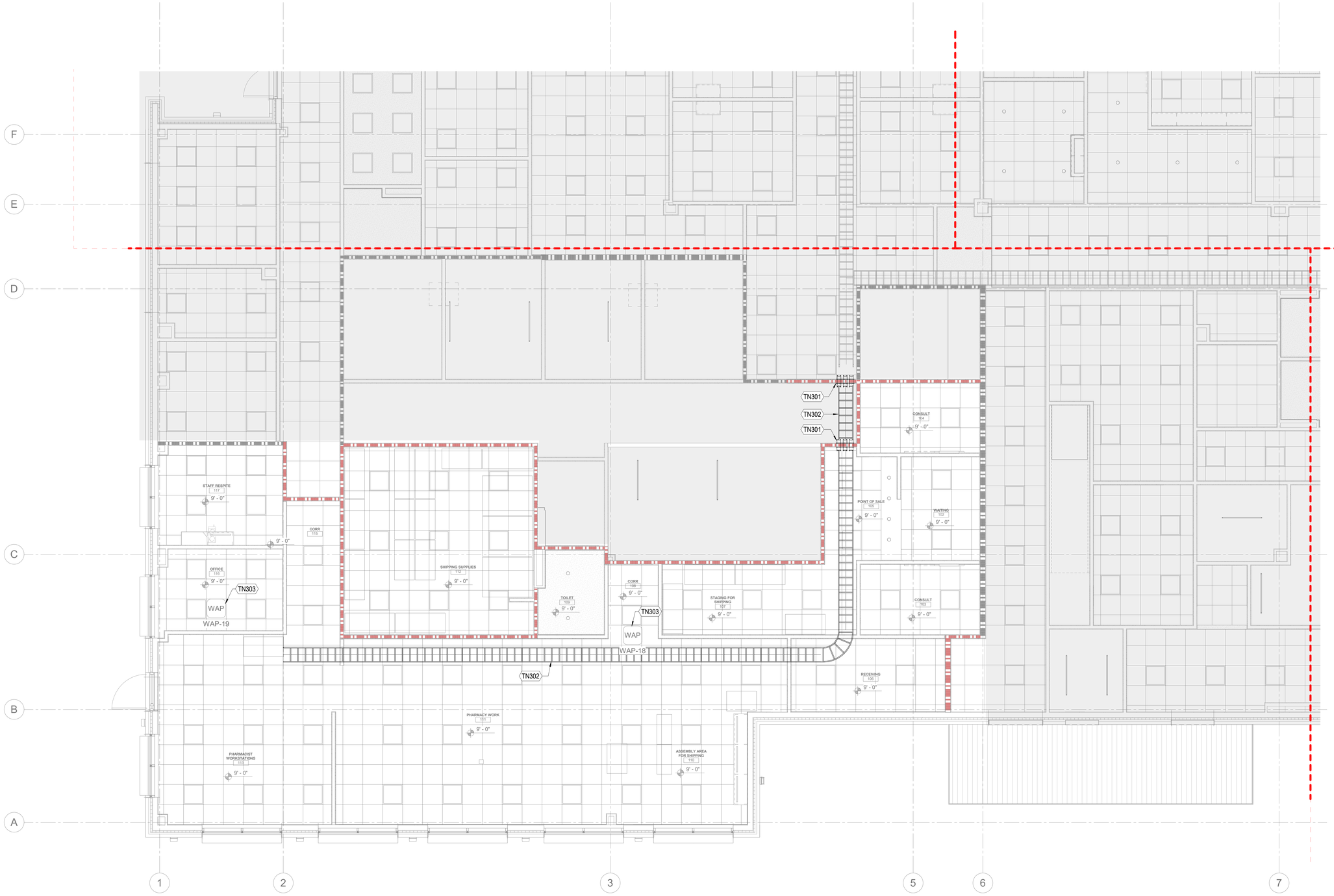
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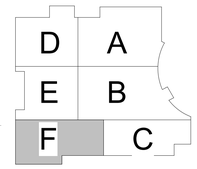
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## SHEET KEYNOTES

| KEYNOTE # | DESCRIPTION |
|---|---|
| TN301 | PROVIDE FIRE-RATED PATHWAY DEVICES TO SUPPORT CABLING THROUGH THE FIRE-RATED PARTITION. A MINIMUM OF ONE (1) EMPTY PATHWAY DEVICE SHALL BE PROVIDED FOR FUTURE USE. |
| TN302 | PROVIDE NEW 18" WIDE BY 4" HIGH CABLE TRAY ABOVE CEILING AS INDICATED. |
| TN303 | EXISTING WIRELESS ACCESS POINT, TO BE PROTECTED IN PLACE AND REINSTALLED ON THE NEW CEILING. THE EXISTING WIRELESS ACCESS POINT IS OPERATIONAL AND MUST REMAIN OPERATIONAL THROUGHOUT CONSTRUCTION. CONTRACTOR MUST COORDINATE DISCONNECTION AND RELOCATION OF THE ACCESS POINT TO THE NEW CEILING WITH THE OWNER, PRIOR TO DISCONNECTING THE DEVICE. |




KEY PLAN

TRUE NORTH PLAN NORTH

1 TECHNOLOGY REFLECTED CEILING PLAN - AREA F

1/4" = 1'-0"

0' 2' 4' 8'

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# JPS HEALTH NETWORK
# JPS MEDICAL HOME SW SPECIALTY PHARMACY

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TITLE
**TECHNOLOGY REFLECTED CEILING PLAN - AREA F**

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**P30481.11**

ISSUE DATE
**04/14/2025**

DRAWING NO.
**TN3.27**




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## WIRELESS ACCESS POINT (WAP)

| DEVICE ID# | MODEL # | CEILING TYPE | MOUNTING HEIGHT | LOCATION | WIRING ROOM DESIGNATION | COMMENTS |
|---|---|---|---|---|---|---|
| WAP-18 | ARUBA 515 | COMPOUND CEILING - 2'x2'" ACT SYSTEM | 10' - 6" | AREA F | IT ROOM 256 | EXISTING TO REMAIN |
| WAP-19 | ARUBA 515 | COMPOUND CEILING - 2'x2'" ACT SYSTEM | 9' - 0" | AREA F | IT ROOM 256 | EXISTING TO REMAIN |
| TOTAL: 2 | | | | | | |

## TELECOM DATA DEVICE SCHEDULE - IT ROOM 256

| DEVICE DESCRIPTION | WIRING ROOM DESIGNATION | DEVICE QUANTITY | DEVICE CAT6 QUANTITY | TOTAL DEVICE CABLE QUANTITY |
|---|---|---|---|---|
| 2-Port | | | | |
| DD Data Outlet | IT ROOM 256 | 10 | 2 | 20 |
| 3-Port | | | | |
| DD Data Outlet | IT ROOM 256 | 4 | 3 | 12 |
| 4-Port | | | | |
| DD Data Outlet | IT ROOM 256 | 7 | 4 | 28 |
| TOTAL DATA DEVICE QUANTITY: 21 | | | | 60 |

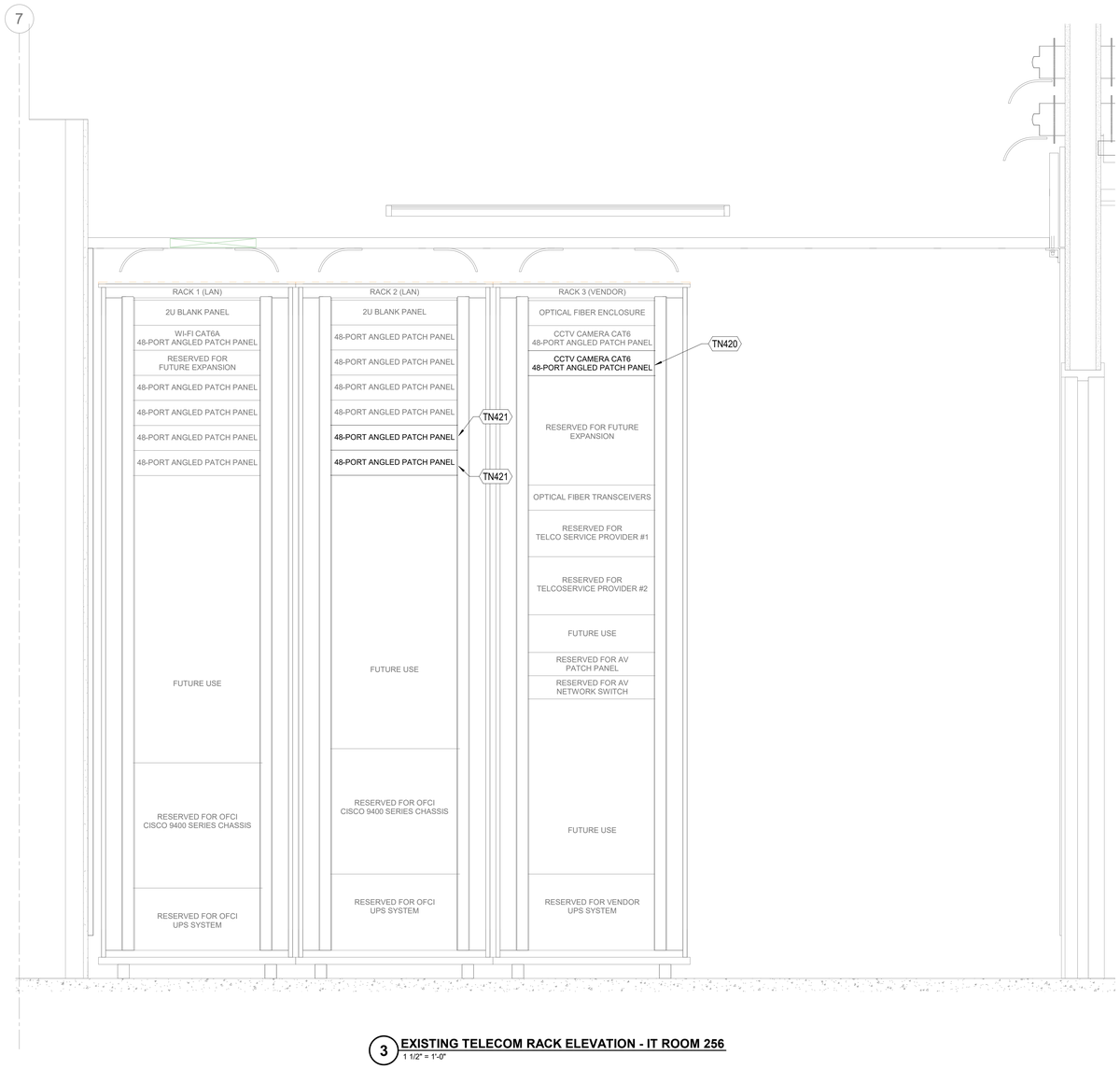
**NOTES:**

A. THIS SCHEDULE IS PROVIDED FOR REFERENCE ONLY. THE CONTRACTOR IS RESPONSIBLE TO VERIFY THE DEVICE TYPES, LOCATIONS, AND QUANTITIES AS INDICATED IN THE DRAWING PACKAGE.

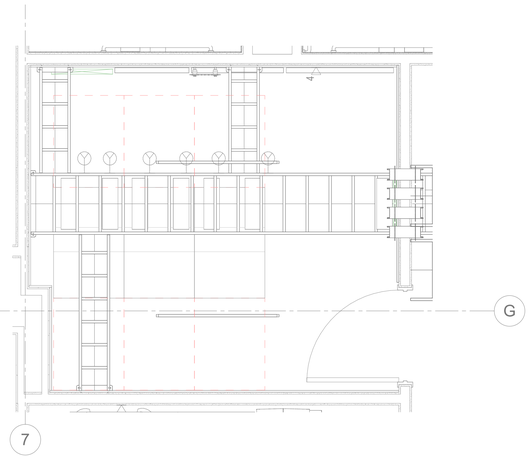
B. REFERENCE TY DRAWINGS FOR ADDITIONAL DATA CABLING REQUIREMENTS TO SUPPORT SECURITY DEVICES.

## SHEET KEYNOTES

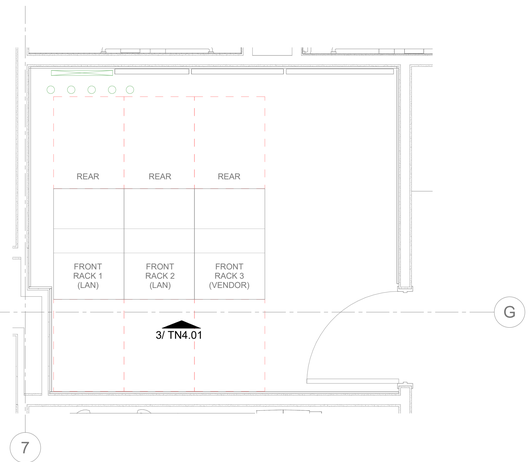
| KEYNOTE # | DESCRIPTION |
|---|---|
| TN420 | CONTRACTOR TO PROVIDE A NEW PATCH PANEL TO SUPPORT NEW CAT6 CAMERA CABLING, AS NEEDED. |
| TN421 | CONTRACTOR TO PROVIDE NEW PATCH PANELS TO SUPPORT NEW CAT6 CABLING, AS NEEDED. |



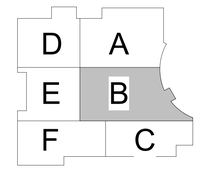

3 **EXISTING TELECOM RACK ELEVATION - IT ROOM 256**
1 1/2" = 1'-0"




2 **EXISTING TECHNOLOGY ENLARGED OVERHEAD PLAN - IT ROOM 256**
1/2" = 1'-0"




1 **EXISTING TECHNOLOGY ENLARGED PLAN - IT ROOM 256**
1/2" = 1'-0"




KEY PLAN


SBL architecture
SBL Architectura, Inc. f / k / a Sterling Barnett Little, Inc.

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# JPS MEDICAL HOME SW SPECIALTY PHARMACY

CONSTRUCTION DOCUMENTS

FORT WORTH, TEXAS

# JPS HEALTH NETWORK

REVISIONS

| NO. | DESCRIP. | DATE |
|---|---|---|

TITLE
**TECHNOLOGY ENLARGED ROOM PLANS - IT ROOM 256**

PROJECT NO.
**P30481.11**

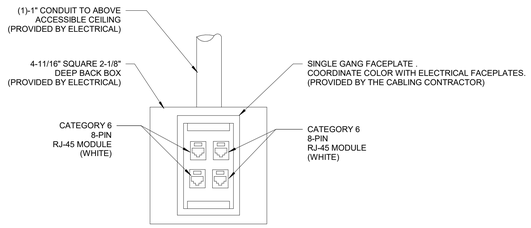
ISSUE DATE
**04/14/2025**

DRAWING NO.
**TN4.01**

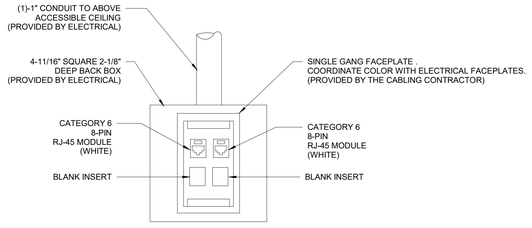
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
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Kenneth D Starnes
BICSI ID # 174562
EXPIRES 01-31-26
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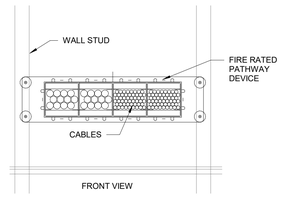
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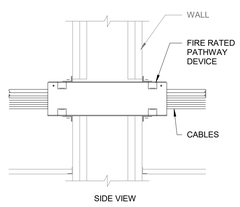



**6 TYPICAL NETWORK WORK AREA OUTLET (4-PORT)** K1$_4$
N.T.S

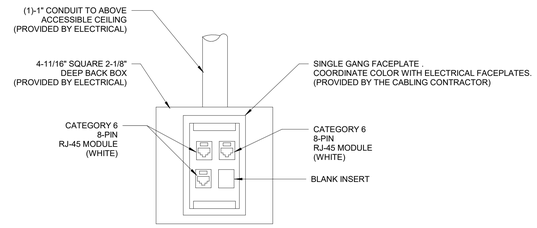



**3 TYPICAL NETWORK WORK AREA OUTLET (2-PORT)** K1$_2$
N.T.S

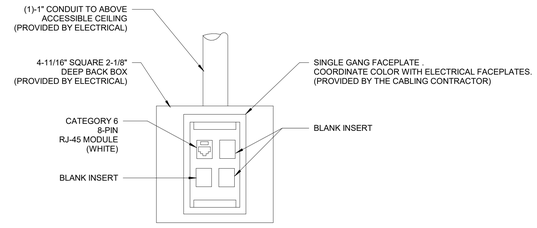


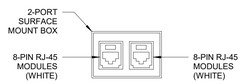

**8 TYPICAL FIRE-RATED PATHWAY DETAIL**
N.T.S




**5 TYPICAL NETWORK WORK AREA OUTLET (3-PORT)** K1$_3$
N.T.S

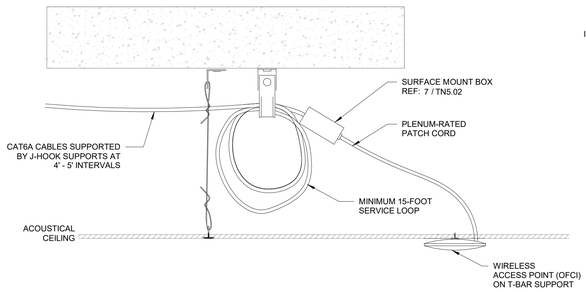



**2 TYPICAL NETWORK WORK AREA OUTLET (1-PORT)** K1$_1$
N.T.S

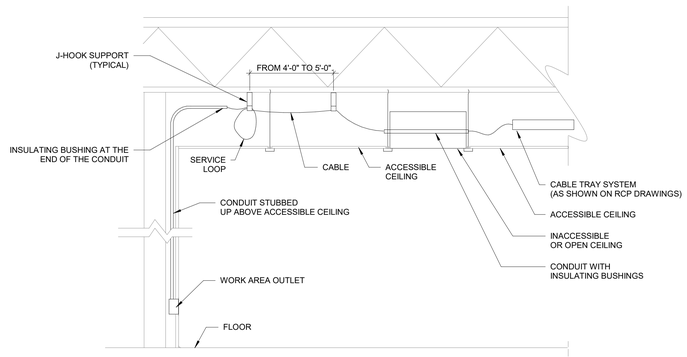



NOTE:
REFER TO ADDITONAL REQUIREMENTS IN SECTION 271500 PART 1.13

**7 TYPICAL WIRELESS ACCESS POINT NETWORK OUTLET (2-PORT)**
N.T.S




**4 TYPICAL WIRELESS ACCESS POINT DETAIL (ACCESSIBLE CEILING)** WAP
N.T.S




NOTES:
1. TYPICAL FOR ALL DATA/VOICE HORIZONTAL CABLING.
2. INSTALL CABLE IN CONDUIT WHEN ROUTING CABLE OVER INACCESSIBLE OR OPEN CEILINGS, OR WHERE INDICATED ON DRAWINGS

**1 TYPICAL WORK AREA OUTLET PATHWAY**
N.T.S

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SBL Architecture, Inc. f / k / a Sterling Barnett Little, Inc.

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# JPS HEALTH NETWORK
# JPS MEDICAL HOME SW SPECIALTY PHARMACY
CONSTRUCTION DOCUMENTS
FORT WORTH, TEXAS

REVISIONS

| NO. | DESCRIP. | DATE |
|---|---|---|

TITLE
**TECHNOLOGY DETAILS**

PROJECT NO.
**P30481.11**
ISSUE DATE
**04/14/2025**
DRAWING NO.
**TN5.02**

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## SECURITY GENERAL NOTES

1. REFER TO SPECIFICATION SECTION "TECHNOLOGY GENERAL PROVISIONS" FOR MORE INFORMATION ABOUT DRAWINGS AND BID DOCUMENTS.
2. MANY SYMBOLS USED IN THIS PROJECT HAVE A TYPE ASSOCIATED WITH THEM. SEE SHEETS WITH DETAILS AND PROJECT SPECIFICATIONS FOR MORE INFORMATION ON THE DESCRIPTION OF EACH TYPE.
3. ALL CONDUIT FOR TECHNOLOGY SYSTEMS INDOOR ABOVE GRADE SHALL BE EMT AND ALL CONDUIT FOR BELOW GRADE SHALL BE PVC.
4. SEE LIFE SAFETY PLANS FOR LOCATIONS OF FIRE RATED PARTITIONS IN THIS PROJECT. PROVIDE AN APPROVED FIRE STOP SYSTEMS FOR EACH RACEWAY OR CABLE GOING THROUGH A RATED WALL. SEE SPECIFICATION "RACEWAYS FOR TECHNOLOGY" FOR MORE INFORMATION.
5. WORKING CLEARANCES AROUND ELECTRICAL EQUIPMENT SHALL BE MAINTAINED IN COMPLIANCE WITH THE NATIONAL ELECTRICAL CODE ARTICLE 110. COORDINATE EQUIPMENT INSTALLATION TO MAINTAIN REQUIRED CLEARANCES.
6. FOR EXACT LOCATION OF CEILING MOUNTED EQUIPMENT REFER TO THE SECURITY REFLECTED CEILING PLAN. LOCATIONS OF EQUIPMENT NOT INCLUDED ON THE REFLECTED CEILING PLAN SHALL BE COORDINATED WITH THOSE ITEMS SHOWN. COORDINATION OF CEILING MOUNTED EQUIPMENT SHALL BE PRIOR TO ANY ROUGH-IN. NOTIFY ENGINEER OF ANY DISCREPANCY.
7. LOCATIONS OF FLOOR BOXES AND FLOOR PENETRATIONS SHALL NOT BE MEASURED FROM THIS SET OF DRAWINGS, INSTALLER SHALL REQUEST PRECISE LOCATIONS FROM ARCHITECT.
8. THE RESPONSIBILITY OF RACEWAY INSTALLATION SHALL BE AS DIRECTED BY THE CONSTRUCTION MANAGER OR GENERAL CONTRACTOR, BUT ALL RACEWAYS FOR TECHNOLOGY ARE TO BE INCLUDED IN THIS CONTRACT.
9. WHEN CONDUIT RUNS ARE INDICATED ABOVE GRADE OR BELOW GRADE ON THESE DRAWINGS, NOT EVERY SINGLE JUNCTION BOX (OR COMMUNICATIONS VAULT) REQUIRED IS INDICATED ON THE DRAWINGS. TYPICALLY ONLY END POINT LOCATIONS OR SPECIFIC PASS-THROUGH LOCATIONS WHERE THE ENGINEER DESIRES A BOX ARE SHOWN ON THE DRAWINGS. SEE SPECIFICATION "RACEWAYS FOR TECHNOLOGY" FOR REQUIREMENTS THAT INDICATE ADDITIONAL JUNCTION BOXES OR COMMUNICATION VAULTS THAT SHALL BE PROVIDED UNDER THIS CONTRACT. SUCH REQUIREMENTS INCLUDE ADDITIONAL BOXES REQUIRED BECAUSE OF NUMBER OF CONDUIT BENDS OR CHANGES IN ELEVATION.
10. SOME SYMBOLS INCLUDED IN THE SYMBOL LEGEND MAY NOT BE USED IN THESE PROJECT DRAWINGS.
11. UNDER NO CONDITIONS, CONDUITS FOR LOW VOLTAGE FOR FLOOR BOXES SHALL BE DAISY CHAINED TOGETHER BETWEEN ADJACENT FLOOR BOXES. ALL CONDUITS FOR FLOOR BOXES SHALL BE HOME RUNS TO NEAREST ACCESSIBLE CEILING SPACE.
12. THIS SET OF DRAWINGS DOES NOT INDICATE ALL GROUNDING AND BONDING REQUIREMENTS FOR TECHNOLOGY SYSTEMS. REFER TO SPECIFICATION SECTION "GROUNDING FOR TELECOMMUNICATION SYSTEM" FOR ADDITIONAL REQUIREMENTS.
13. ALL CABLES FOR TECHNOLOGY SYSTEMS RUN UNDER SLAB OR BELOW GRADE IN CONDUITS STUBBING UP INSIDE THE TELECOM ROOM SHALL BE INDOOR/OUTDOOR RATED. FOR CONDUITS STUBBING UP IN OTHER LOCATIONS DIFFERENT FROM TELECOM ROOMS AND FURTHER THAN 50 FT. FROM A TELECOM ROOM, DO NOT USE INDOOR/OUTDOOR RATED CABLES.
14. GRAPHICS USED FOR EQUIPMENT IN ELEVATIONS AND CHANNELS (LINE DRAWINGS) DO NOT NECESSARILY REPRESENT THE PART NUMBER OF THE EQUIPMENT SPECIFIED. THE PART NUMBERS LISTED IN THE DRAWINGS AND SPECIFICATIONS ARE TO BE FOLLOWED FOR BASIS OF DESIGN, NOT THE GRAPHICS.
15. THE TECHNOLOGY DRAWINGS DO NOT SHOW ALL REQUIRED CONDUITS/RACEWAYS TO BE PROVIDED UNDER THIS CONTRACT. TYPICALLY CONDUIT SLEEVES SMALLER THAN 2" ARE NOT SHOWN ON THE DRAWINGS. SEE SPECIFICATIONS "RACEWAYS FOR TECHNOLOGY" AND DRAWING DETAILS FOR ADDITIONAL RACEWAY REQUIREMENTS.
16. DEFINITION OF ACRONYMS USED IN THESE DRAWINGS:
    A. NIC (N.I.C.) - NOT IN CONTRACT
    B. OFE (O.F.E.) = OWNER FURNISHED EQUIPMENT. SEE RESPONSIBILITY MATRIX FOR MORE INFORMATION.
    C. DHI (D.H.I.) = DOOR HARDWARE INSTALLER
    D. USC (U.S.C.) = UNDER SEPARATE CONTRACT.
17. ALL REQUIRED WALL PENETRATIONS, EXISTING AND NEW, SHALL MAINTAIN THE NEW WALL RATING AFTER CABLING HAS BEEN INSTALLED OR REMOVED.

## SECURITY SYSTEM NOTES

1. SYMBOLS USED TO REPRESENT DEVICES SUCH AS CCTV CAMERAS, INTERCOM STATIONS, SECURITY WORKSTATIONS, CALL STATIONS, AND EMERGENCY PHONE STATIONS REQUIRE ONE (1) DATA DROP FOR SUCH DEVICE. THIS DATA DROP IS NOT SHOWN ON THE VOICE/DATA FLOOR PLANS, BUT SHALL BE PROVIDED FOLLOWING ALL REQUIREMENTS FOR VOICE/DATA DROPS INDICATED IN THE DRAWING DETAILS AND IN THE SPECIFICATION "STRUCTURED CABLING SYSTEM".
2. ANY DATA DROPS FOR SECURITY DEVICES EXCEEDING 295 FT. OF PERMANENT LINK DISTANCE TO THE TELECOM ROOM WHERE CAMERA WILL BE WIRED TO, SHALL BE WIRED WITH FIBER OPTICS FOR HORIZONTAL CABLING AND A 2 CONDUCTOR AWG-16 CL2(P) CABLE. THE FIBER CABLE SHALL BE AS DESCRIBED IN SPECIFICATION "STRUCTURED CABLING SYSTEM". IF NO INDICATION IN SUCH SPECIFICATION, FIBER OPTIC CABLE SHALL BE A 2-STRAND OM1 CABLE WITH A SUITABLE JACKET FOR THE APPLICATION.
3. LOCATION OF SURVEILLANCE CAMERAS SHALL BE CLOSELY COORDINATED WITH OTHER TRADES TO AVOID OBSTRUCTIONS IN THE FIELD OF VIEW. IT IS NOT REQUIRED FOR CAMERAS TO BE MOUNTED IN CENTER OF A CEILING TILE (OR CENTER OF A HALLWAY) IF THAT LOCATION CAUSES AN OBSTRUCTION IN THE FIELD OF VIEW OF THE CAMERA. ALL CAMERAS ARE TO BE INSTALLED AS TO MINIMIZE THE OBSTRUCTIONS IN THE FIELD OF VIEW WITHIN A 4' RADIUS OF THE SPECIFIED LOCATION.
4. SURVEILLANCE CAMERAS INDICATED IN THE CORNER OF A ROOM SHALL BE INSTALLED AS CLOSE AS PHYSICALLY POSSIBLE TO THE CORNER OF THE ROOM TO GAIN THE BEST FIELD OF VIEW FOR THAT CAMERA.

## BASIC MATERIALS

*(ALL SYMBOLS SHOWN ARE NOT NECESSARILY USED)*

- CONDUIT TURNED UP
- CONDUIT TURNED DOWN
- CAPPED CONDUIT
- CONDUIT STUBBED AND BUSHED INTO ACCESSIBLE CEILING CAVITY
- CONDUIT CONTINUED
- (X, Z / Y) CONDUIT SLEEVES/ THROUGH WALL FITTING FIRE STOP/ SMOKE SYSTEM, REFER TO SPECIFICATION 270528 FOR REQUIREMENTS
  X= QTY OF SLEEVES
  Y= SIZE OF CONDUITS SLEEVES PENETRATING WALL ABOVE CEILING SPACE.
  Z= FS OR SS: IF FS = FIRE STOP SYSTEM, SS = SMOKE SYSTEM
  IF NO QUANTITY INDICATED USE AS MANY SLEEVES AS REQUIRED TO MATCH CROSS SECTIONAL AREA OF CABLE TRAY NEXT TO SLEEVE.
- TUBULAR RUNWAY, HUNG ABOVE CEILING OR AS NOTED
- CABLE TRAY (TYPE), HUNG ABOVE CEILING OR AS NOTED
- SURFACE MOUNTED ENCLOSED TECHNOLOGY SYSTEMS. SEE SHEETS WITH DETAILS FOR ADDITIONAL INFORMATION
- (J) JUNCTION BOX WALL MOUNTED. SIZE PER NEC IF NOT INDICATED ON DRAWING. NEMA 1 FOR INTERIOR, NEMA 4X FOR EXTERIOR USE WITH HINGED COVER AND LOCKING COVER
- (J) JUNCTION BOX CEILING MOUNTED. SIZE PER NEC IF NOT INDICATED ON DRAWING. NEMA 1 FOR INTERIOR, NEMA 4X FOR EXTERIOR USE WITH HINGED COVER AND LOCKING COVER
- (V / X) TELECOMMUNICATIONS GROUND VAULT. SEE DETAILS AND SPECS FOR MORE INFORMATION
  X= BOX TYPE. IF NOT SHOWN, ONLY ONE TYPE IN PROJECT
- (PB / X) TELECOMMUNICATIONS PULLBOX. SEE DETAILS AND SPECS FOR MORE INFORMATION
  X= BOX TYPE. IF NOT SHOWN, ONLY ONE TYPE IN PROJECT
- TP TECHNOLOGY POLE. SEE SHEETS WITH DETAILS FOR ADDITIONAL INFORMATION

## GENERAL

*(ALL SYMBOLS SHOWN ARE NOT NECESSARILY USED)*

- NEW EQUIPMENT
- EXISTING WORK AND/OR EQUIPMENT REFERENCE, SHOWN ON MULTIPLE DRAWINGS
- DEVICE TO BE REMOVED (DEMO PLANS) UNDERFLOOR CONDUIT (NEW PLANS)
- WIRE AND/OR CONDUIT RUN CONTINUED ON REFERENCED DETAIL
- MATCH LINE REFERENCING CONTINUATION ON OTHER DRAWINGS
- DETAIL AND/OR SECTION REFERENCE
- CABLE ROUTING BOUNDARY
- FUTURE WORK

## DRAWING NOTES AND DESIGNATIONS

*(ALL SYMBOLS SHOWN ARE NOT NECESSARILY USED)*

- (X) DRAWING KEYED NOTES
- (X) CABLE ROUTING NOTES
- (X / Y) DETAIL OR SECTION REFERENCE TAG

## ELECTRONIC SECURITY SYSTEM

*(ALL SYMBOLS SHOWN ARE NOT NECESSARILY USED)*

- CR CARD READER, WALL MOUNTED
- CK CARD READER WITH INTEGRATED KEYPAD, WALL MOUNTED
- BR BIOMETRIC READER, WALL MOUNTED
- KP KEYPAD, WALL MOUNTED
- P WIRED POE LOCK WITH CARD READER
- WM WIRELESS MORTISE LOCK, WITH CARD READER
- WC WIRELESS CYLINDRICAL LOCK, WITH CARD READER
- K INTRUSION ALARM KEYPAD  ZONE X = ZONE CONTROLLED BY KEYPAD
- EM ELECTRIC MORTISE LOCK
- DE DELAYED EGRESS LATCH LOCK
- DM DELAYED EGRESS MAG LOCK
- EC ELECTRIC CYLINDRICAL LOCK
- EL ELECTRIC LATCH RETRACTION LOCK
- ML MAGNETIC LOCK
- DL ELECTRONIC DETENTION LOCK
- ES ELECTRIC STRIKE LOCK
- DO AUTO DOOR OPERATOR (ELECTRIC ACTUATOR ARM)
- DPS DOOR POSITION SWITCH - INTRUSION DETECTION
- BMS BALANCED MAGNETIC SWITCH
- WG +H PIM MODULE FOR WIRELESS LOCKS, WALL MOUNTED
  +H= MOUNTING HEIGHT IN INCHES AT CENTER OF OUTLET, IF NOT SHOWN, INSTALL AT 7'-0" AFF
- LA +H LOCAL ALARM - HORN/STROBE, WALL MOUNTED
  +H= MOUNTING HEIGHT IN INCHES AT CENTER OF OUTLET, IF NOT SHOWN, INSTALL AT 7'-0" AFF
- KS +H KEY SWITCH FOR LOCAL ALARM HORN/STROBE RESET, WALL MOUNTED
  +H= MOUNTING HEIGHT IN INCHES AT CENTER OF OUTLET, IF NOT SHOWN INSTALL AT 46" AFF
- BL +H ALARM, BLUE LIGHT, WALL MOUNTED
  +H= MOUNTING HEIGHT IN INCHES AT CENTER OF OUTLET, IF NOT SHOWN, INSTALL AT 7'-0" AFF
- SA +H SIREN ALARM FOR INTRUSION DETECTION, WALL MOUNTED
  +H= MOUNTING HEIGHT IN INCHES AT CENTER OF OUTLET, IF NOT SHOWN, INSTALL AT 7'-0" AFF
- AS X +H ASSISTANCE STATION, WALL MOUNTED
  X= TYPE, IF NOT SHOWN, ONLY ONE TYPE IN PROJECT, REFER TO SPECIFICATION FOR TYPE
  +H= MOUNTING HEIGHT IN INCHES AT CENTER OF OUTLET, IF NOT SHOWN, INSTALL AT 4'-0" AFF
- AS X ASSISTANCE STATION (BLUE LIGHT), TOWER STATION
  X= TYPE, IF NOT SHOWN, ONLY ONE TYPE IN PROJECT, REFER TO SPECIFICATION FOR TYPE
- IS X +H INTERCOM SUBSTATION (DOOR STATION), WALL MOUNTED
  X= TYPE, IF NOT SHOWN, ONLY ONE TYPE IN PROJECT, REFER TO RISER FOR TYPE
  +H= MOUNTING HEIGHT IN INCHES AT CENTER OF OUTLET, IF NOT SHOWN, INSTALL AT 4'-0" AFF
- IM X INTERCOM MASTER STATION, DESK MOUNTED
  X= TYPE, IF NOT SHOWN, ONLY ONE TYPE IN PROJECT, REFER TO RISER FOR TYPE
- IM X +H INTERCOM MASTER STATION, WALL MOUNTED
  X= TYPE, IF NOT SHOWN, ONLY ONE TYPE IN PROJECT, REFER TO RISER FOR TYPE
  +H= MOUNTING HEIGHT IN INCHES AT CENTER OF OUTLET, IF NOT SHOWN, INSTALL AT 4'-0" AFF
- CS +H CALL STATION (THROUGH PHONE LINE) FOR BUILDING ENTRY, WALL MOUNTED
  +H= MOUNTING HEIGHT IN INCHES AT CENTER OF OUTLET, IF NOT SHOWN, INSTALL AT 4'-0" AFF
- XXX DOOR TYPE IDENTIFIER
  X= TYPE (A1,C3,B6..) REFER TO SECURITY DOOR DETAILS
- A DOOR RELEASE BUTTON, WALL MOUNTED
  X= A: ADA ACCESSIBLE - (PALM ACTUATOR), W: HAND WAVE, NO TYPE: REGULAR PUSH BUTTON
- REMOTE DOOR RELEASE BUTTON, MOUNTED UNDER DESKTOP
- REX REQUEST TO EXIT DEVICE (IR SENSOR), MOUNT CENTERED ABOVE DOOR FRAME
- GB +H GLASS BREAK SENSOR, WALL MOUNTED
  +H= MOUNTING HEIGHT IN INCHES AT CENTER OF OUTLET, IF NOT SHOWN, INSTALL AT 7'-0" AFF
- GB GLASS BREAK SENSOR, CEILING MOUNTED
- GP GATE PEDESTAL
- GO ELECTRIC GATE OPERATOR
- D +H DURESS PANIC BUTTON, WALL MOUNTED DXXX (ASSIGNED DURESS DEVICE #)
  +H= MOUNTING HEIGHT IN INCHES AT CENTER OF OUTLET, IF NOT SHOWN, INSTALL AT 4'-0" AFF
- D DURESS PANIC BUTTON, MOUNTED UNDER DESK
- MD MOTION DETECTOR, WALL MOUNTED, MOUNT 6" BELOW CEILING OR 8'-0" AFF MAX
- MD MOTION DETECTOR, 360 DEGREE SENSOR, CEILING MOUNTED
- IA +H INFANT ABDUCTION SYSTEM, WALL MOUNTED
  +H= MOUNTING HEIGHT IN INCHES AT CENTER OF OUTLET, IF NOT SHOWN, INSTALL AT 8'-0" AFF
- IA INFANT ABDUCTION SYSTEM, CEILING MOUNTED ABOVE DOOR
- LINE BETWEEN SECURITY DEVICES, INDICATES ASSOCIATED EQUIPMENT
- CONTROLLED DOOR INTERLOCK GROUP. PROGRAMMED SO ONLY ONE DOOR CAN BE OPEN AT A TIME.
- A1 / A2 ACCESS CONTROL DOOR DIRECTION, A1/A2 -
  REPRESENTS ACCESS CONTROL PATH
  FREE - NO ACCESS CONTROL
  CR - CARD  READER
  BIOMETRIC - BIOMETRIC READER
  CR/KP - CARD READER AND KEYPAD
  MONITORED - DOOR MONITORED

## VIDEO SURVEILLANCE SYSTEMS

*(ALL SYMBOLS SHOWN ARE NOT NECESSARILY USED)*

- C PAN/TILT/ZOOM CCTV CAMERA, WALL MOUNTED
- C PAN/TILT/ZOOM CCTV CAMERA, CEILING MOUNTED
- C FIXED CCTV CAMERA, WALL MOUNTED
- C FIXED CCTV CAMERA, CEILING MOUNTED
- C 180° CCTV CAMERA, WALL MOUNTED
- C 180° CCTV CAMERA, CEILING MOUNTED
- C 180° MULTI-IMAGER CCTV CAMERA, WALL MOUNTED
- C 180° MULTI-IMAGER CCTV CAMERA, CEILING MOUNTED
- C 360° CCTV CAMERA, WALL MOUNTED
- C 360° CCTV CAMERA, CEILING MOUNTED
- C 360° MULTI-IMAGER CCTV CAMERA, WALL MOUNTED
- C 360° MULTI-IMAGER CCTV CAMERA, CEILING MOUNTED
- CCTV XX +YY FLAT PANEL DISPLAY WITH MOUNT
  XX= SCREEN SIZE
  YY= HEIGHT TO CENTER OF SCREEN
- PC X SECURITY SYSTEM WORKSTATION, DESK MOUNTED
  X= TYPE

## SECURITY SHEET LIST


| | |
|---|---|
| TY0.00 | SECURITY COVER SHEET |
| TY1.21 | SECURITY OVERALL FLOOR PLAN |
| TY1.22 | SECURITY FLOOR PLAN - AREA F |
| TY3.28 | SECURITY REFLECTED CEILING PLAN - AREA F |
| TY4.00 | SECURITY SCHEDULES |
| TY4.02 | SECURITY ENLARGED ROOM PLANS - IT ROOM 256 |
| TY5.02 | SECURITY DOOR DETAILS |
| TY5.03 | SECURITY CAMERA DETAILS |
| TY7.01 | SECURITY CAMERA VIEWS |
| TY7.02 | SECURITY CAMERA VIEWS |
| TY7.03 | SECURITY CAMERA VIEWS |
| TY7.04 | SECURITY CAMERA VIEWS |
| TY7.05 | SECURITY CAMERA VIEWS |


TOTAL: 13


SBL Architecture, Inc. f / k / a Sterling Barnett Little, Inc.

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# JPS MEDICAL HOME SW SPECIALTY PHARMACY

CONSTRUCTION DOCUMENTS

FORT WORTH, TEXAS

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TITLE
**SECURITY COVER SHEET**

PROJECT NO.
**P30481.11**

ISSUE DATE
**04/14/2025**

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AREA D
AREA E
AREA A
AREA B
AREA E
AREA F
AREA B
AREA C
1 TY1.22 AREA F
1 TY4.02
STAFF RESPITE 117
OFFICE 116
CORR 115
SHIPPING SUPPLIES 112
TOILET 109
CORR 108
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PHARMACIST WORKSTATIONS 113
PHARMACY WORK 111
ASSEMBLY AREA FOR SHIPPING 110
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CONSULT 103
TRUE NORTH
PLAN NORTH
1 SECURITY OVERALL FLOOR PLAN
1/8" = 1'-0"
0' 4' 8' 16'
D A
E B
F C
KEY PLAN

SBL architecture
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# JPS HEALTH NETWORK
# JPS MEDICAL HOME SW SPECIALTY PHARMACY
CONSTRUCTION DOCUMENTS
FORT WORTH, TEXAS

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TITLE
**SECURITY OVERALL FLOOR PLAN**

PROJECT NO.
**P30481.11**
ISSUE DATE
**04/14/2025**
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**TY1.21**

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**GENERAL NOTES:**

A. ALL DPS DOOR CONTACTS, MOTION DETECTORS, GLASS BREAK SENSORS, AND DURESS BUTTONS SHALL BE INTERFACED WITH THE INTRUSION ALARM SYSTEM FOR REMOTE ALARM MONITORING.

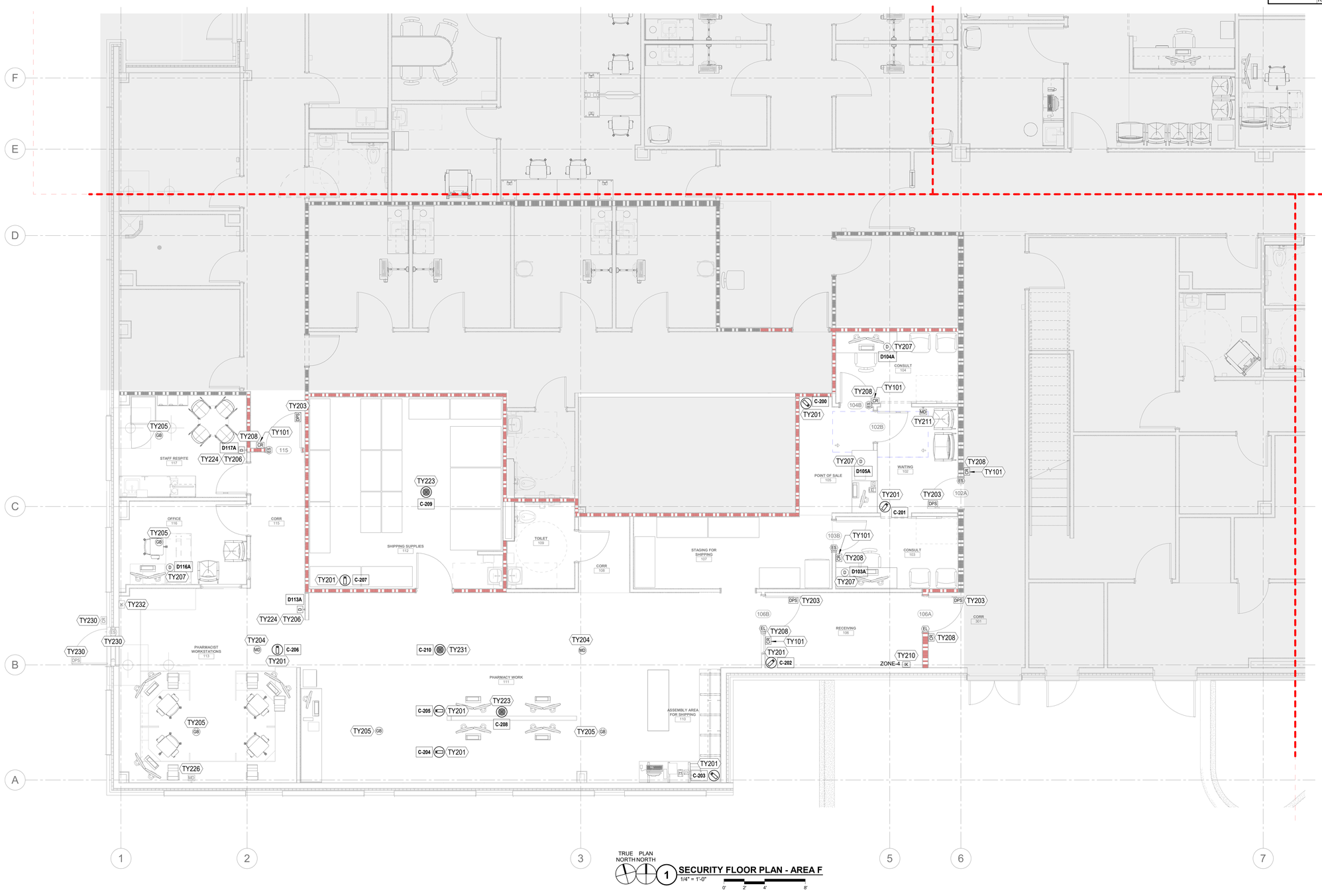
B. ALL CARD READERS AND ELECTRIC LOCKS SHALL BE INTERFACED WITH THE ACCESS CONTROL SYSTEM. NO DPS CONTACTS OR REQUEST TO EXIT SENSORS ARE USED OR ARE ASSOCIATED WITH THIS SYSTEM.

C. COORDINATE WITH THE OWNER ON THE INTERFACE OF THE INTRUSION ALARM SYSTEM WITH THE ACCESS CONTROL SYSTEM ON DOORS 102A, 103B, 104B, 106B, & 115. CARD READER DOORS ON THE PHARMACY SHALL NOT UNLOCK IF THE INTRUSION ALARM SYSTEM FOR THIS AREA IS ACTIVE.

D. PHARMACY TO BE ZONED INDEPENDENT FROM BUILDING INTRUSION ALARM.

## SHEET KEYNOTES

| KEYNOTE # | DESCRIPTION |
|---|---|
| TY101 | CARD READER TO BE DISABLED WHEN INTRUSION DETECTION SYSTEM IS ARMED. |
| TY201 | FIXED DIRECTIONAL IP CAMERA. INDOOR/OUTDOOR RATED. |
| TY203 | DOOR POSITION SWITCH INTERFACED WITH THE INTRUSION ALARM SYSTEM FOR AFTERHOURS MONITORING/ WHEN BUILDING IS CLOSED. |
| TY204 | 360 DUAL TECHNOLOGY MOTION DETECTOR INTERFACED WITH INTRUSION DETECTION SYSTEM. |
| TY205 | GLASS BREAK SENSOR INTERFACED WITH INTRUSION DETECTION SYSTEM. |
| TY206 | WALL MOUNTED DURESS BUTTON INTERFACED WITH THE INTRUSION DETECTION SYSTEM AND CONTINUOUSLY MONITORED. THIS DURESS BUTTON SHALL HAVE BLUE FACEPLATE WITH WHITE TEXT "EMERGENCY" AND RED PUSHBUTTON WITH WHITE TEXT "PUSH". DESIGN SELECTION: SAFETY TECHNOLOGIES INTERNATIONAL (STI) MODEL SS2405EM-EN. THIS REFERENCED EQUIPMENT SUPERCEDES PART NUMBER INCLUDED IN SECURITY SPECIFICATION 281000. |
| TY207 | UNDER DESK MOUNTED DURESS BUTTON INTERFACED WITH THE INTRUSION DETECTION SYSTEM AND CONTINUOUSLY MONITORED. |
| TY208 | CARD READER INTERFACED WITH THE ACCESS CONTROL SYSTEM. |
| TY210 | INTRUSION ALARM KEYPAD TO ARM/DISARM INTRUSION SYSTEM. |
| TY211 | DIRECTIONAL DUAL TECHNOLOGY MOTION DETECTOR INTERFACED WITH INTRUSION DETECTION SYSTEM FOR BUILDING. |
| TY223 | 360-DEGREE MULTISENSOR IP CAMERA. |
| TY224 | CLEAR COVER TO PREVENT ACCIDENTAL ACTIVATION OF DURESS BUTTON. DESIGN SELECTION: SAFETY TECHNOLOGIES INTERNATIONAL STI-6518. |
| TY226 | EXISTING DEVICE TO REMAIN AND SHALL BE RE-ZONED TO THE PHARMACY INTRUSION DETECTION ZONE. CONTRACTOR TO PROTECT DEVICE THROUGHOUT CONSTRUCTION. |
| TY230 | DECOMISSION EXISTING DEVICE AND REMOVE FROM INTRUSION SYSTEM PROGRAMMING. LEAVE DEVICE INSTALLED IN CURRENT POSITION FOR POTENTIAL FUTURE USE. |
| TY231 | REMOVE, LABEL, SECURLEY PACKAGE, AND RETURN EXISTING CCTV DEVICE TO OWNER PRIOR TO INSTALLING NEW 360 MULTI-IMAGER CAMERA. |
| TY232 | DECOMISSION EXISTING INTRUSION KEYPAD. REMOVE DEVICE AND RETURN TO JPS SECURITY. |

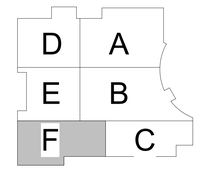



TRUE NORTH PLAN NORTH

1 SECURITY FLOOR PLAN - AREA F

1/4" = 1'-0"

0' 2' 4' 8'




KEY PLAN


SBL architecture

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# JPS HEALTH NETWORK
# JPS MEDICAL HOME SW SPECIALTY PHARMACY

CONSTRUCTION DOCUMENTS

FORT WORTH, TEXAS

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TITLE
**SECURITY FLOOR PLAN - AREA F**

PROJECT NO.
**P30481.11**

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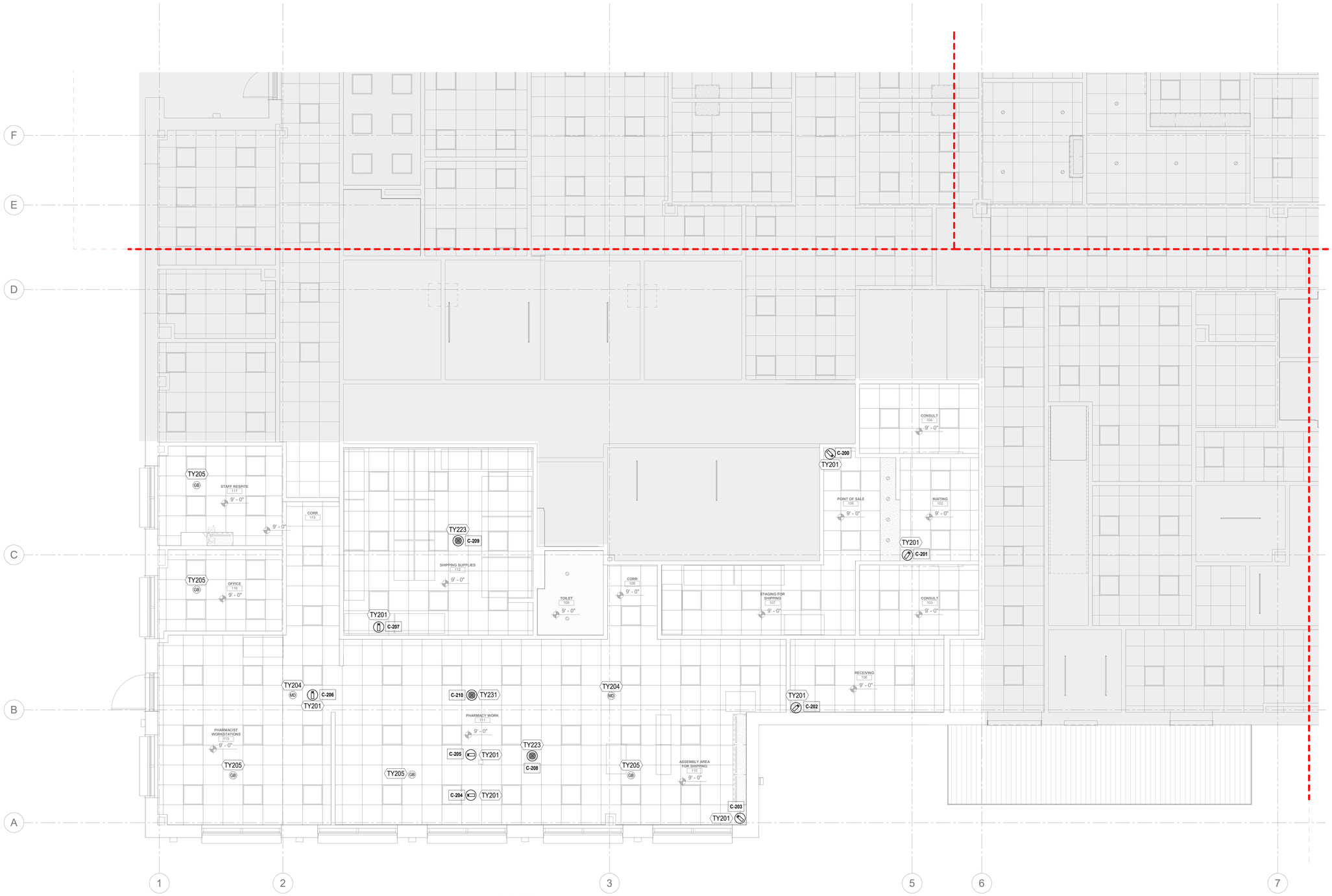
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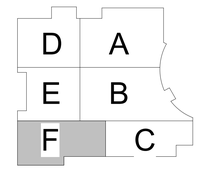
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## SHEET KEYNOTES

| KEYNOTE # | DESCRIPTION |
|---|---|
| TY201 | FIXED DIRECTIONAL IP CAMERA. INDOOR/OUTDOOR RATED. |
| TY204 | 360 DUAL TECHNOLOGY MOTION DETECTOR INTERFACED WITH INTRUSION DETECTION SYSTEM. |
| TY205 | GLASS BREAK SENSOR INTERFACED WITH INTRUSION DETECTION SYSTEM. |
| TY223 | 360-DEGREE MULTISENSOR IP CAMERA. |
| TY231 | REMOVE, LABEL, SECURLEY PACKAGE, AND RETURN EXISTING CCTV DEVICE TO OWNER PRIOR TO INSTALLING NEW 360 MULTI-IMAGER CAMERA. |




KEY PLAN

TRUE NORTH PLAN NORTH

1 SECURITY REFLECTED CEILING PLAN - AREA F
1/4" = 1'-0"
0' 2' 4' 8'

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**JPS MEDICAL HOME SW SPECIALTY PHARMACY**
CONSTRUCTION DOCUMENTS
FORT WORTH, TEXAS

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TITLE
**SECURITY REFLECTED CEILING PLAN - AREA F**

PROJECT NO.
**P30481.11**

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**04/14/2025**

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## SECURITY DURESS BUTTON SCHEDULE

| DEVICE ID | DESCRIPTION | LOCATION | WIRING ROOM DESIGNATION |
|---|---|---|---|
| D103A | DURESS BUTTON, UNDER DESK | AREA F | IT ROOM 256 |
| D104A | DURESS BUTTON, UNDER DESK | AREA F | IT ROOM 256 |
| D105A | DURESS BUTTON, UNDER DESK | AREA F | IT ROOM 256 |
| D113A | DURESS PANIC BUTTON, WALL MOUNTED | AREA F | IT ROOM 256 |
| D116A | DURESS BUTTON, UNDER DESK | AREA F | IT ROOM 256 |
| D117A | DURESS PANIC BUTTON, WALL MOUNTED | AREA F | IT ROOM 256 |

TOTAL DEVICE QUANTITY: 6

## ACCESS CONTROL CABLE COUNT

| DOOR NUMBER | DESCRIPTION | DEVICE CABLE QUANTITY | LOCATION | WIRING ROOM DESIGNATION |
|---|---|---|---|---|
| 102A | CARD READER, WALL MOUNTED | 1 | AREA F | IT ROOM 256 |
| 103B | CARD READER, WALL MOUNTED | 1 | AREA F | IT ROOM 256 |
| 104B | CARD READER, WALL MOUNTED | 1 | AREA F | IT ROOM 256 |
| 106A | CARD READER, WALL MOUNTED | 1 | AREA F | IT ROOM 256 |
| 106B | CARD READER, WALL MOUNTED | 1 | AREA F | IT ROOM 256 |
| 115 | CARD READER, WALL MOUNTED | 1 | AREA F | IT ROOM 256 |

TOTAL CABLE QUANTITY: 6

## NETWORK CCTV CAMERA CABLE COUNT

| CAMERA ID | DESCRIPTION | DEVICE CABLE QUANTITY | LOCATION | WIRING ROOM DESIGNATION | NETWORK CABLE TYPE | CAMERA LENS | MOUNTING TYPE |
|---|---|---|---|---|---|---|---|
| C-200 | CCTV CAMERA - RECESS CEILING MOUNT | 1 | AREA F | IT ROOM 256 | CATEGORY 6A | 2.7-13.5mm VARI-FOCAL LENS | RECESS CEILING MOUNT |
| C-201 | CCTV CAMERA - RECESS CEILING MOUNT | 1 | AREA F | IT ROOM 256 | CATEGORY 6A | 2.7-13.5mm VARI-FOCAL LENS | RECESS CEILING MOUNT |
| C-202 | CCTV CAMERA - RECESS CEILING MOUNT | 1 | AREA F | IT ROOM 256 | CATEGORY 6A | 2.7-13.5mm VARI-FOCAL LENS | RECESS CEILING MOUNT |
| C-203 | CCTV CAMERA - RECESS CEILING MOUNT | 1 | AREA F | IT ROOM 256 | CATEGORY 6A | 2.7-13.5mm VARI-FOCAL LENS | RECESS CEILING MOUNT |
| C-204 | CCTV CAMERA - RECESS CEILING MOUNT | 1 | AREA F | IT ROOM 256 | CATEGORY 6A | 2.7-13.5mm VARI-FOCAL LENS | RECESS CEILING MOUNT |
| C-205 | CCTV CAMERA - RECESS CEILING MOUNT | 1 | AREA F | IT ROOM 256 | CATEGORY 6A | 2.7-13.5mm VARI-FOCAL LENS | RECESS CEILING MOUNT |
| C-206 | CCTV CAMERA - RECESS CEILING MOUNT | 1 | AREA F | IT ROOM 256 | CATEGORY 6A | 2.7-13.5mm VARI-FOCAL LENS | RECESS CEILING MOUNT |
| C-207 | CCTV CAMERA - RECESS CEILING MOUNT | 1 | AREA F | IT ROOM 256 | CATEGORY 6A | 2.7-13.5mm VARI-FOCAL LENS | RECESS CEILING MOUNT |
| C-208 | CCTV CAMERA - CEILING MOUNT | 1 | AREA F | IT ROOM 256 | CATEGORY 6A | (4) 3.6mm LENS | CEILING MOUNTED |
| C-209 | CCTV CAMERA - CEILING MOUNT | 1 | AREA F | IT ROOM 256 | CATEGORY 6A | (4) 3.6mm LENS | CEILING MOUNTED |
| C-210 | CCTV CAMERA - CEILING MOUNT | 1 | AREA F | IT ROOM 256 | CATEGORY 6A | (4) 3.6mm LENS | CEILING MOUNTED |

TOTAL CABLE QUANTITY: 11

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JPS HEALTH NETWORK
JPS MEDICAL HOME SW SPECIALTY PHARMACY
CONSTRUCTION DOCUMENTS
FORT WORTH, TEXAS

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TITLE
SECURITY SCHEDULES

PROJECT NO.
P30481.11

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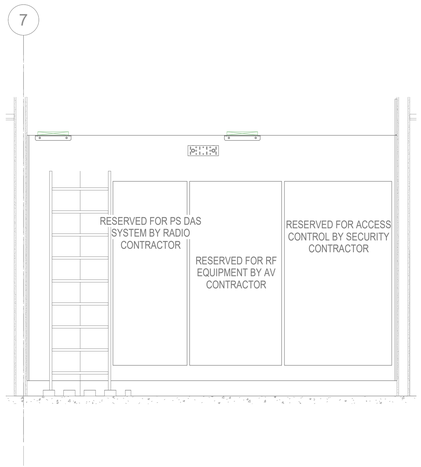
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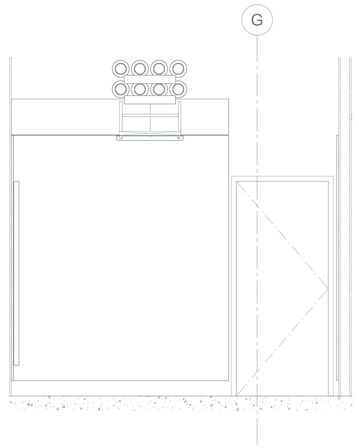
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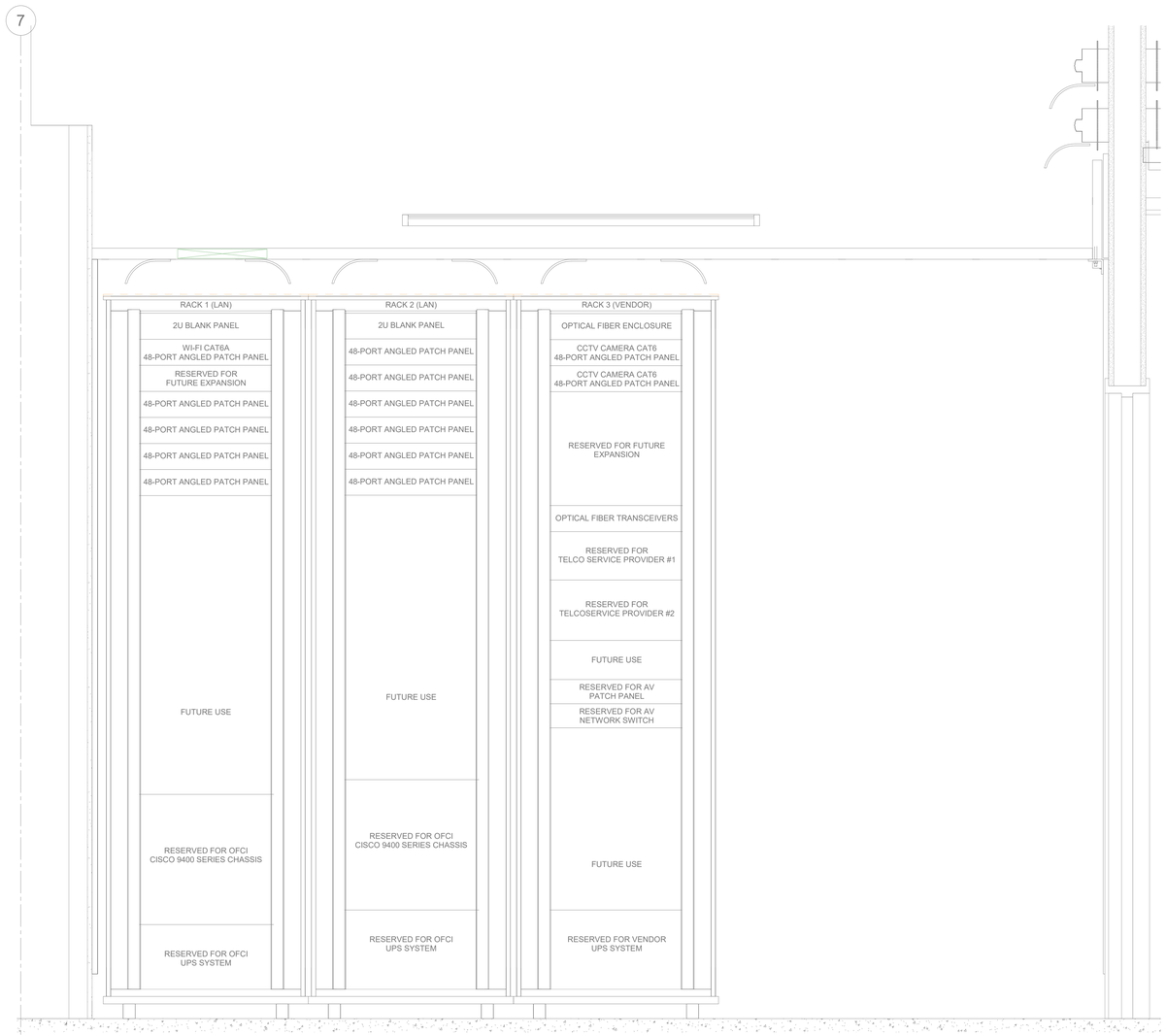
A. CONTRACTOR TO FURNISH AND INSTALL ANY REQUIRED EXPANSION HARDWARE, ADDITIONAL POWER SUPPLIES, AND LICENSES.



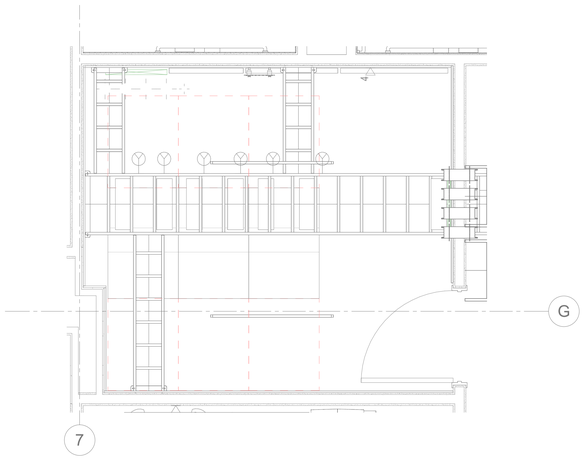

**4 EXISTING SECURITY WALL ELEVATION - IT ROOM 256 - PLAN NORTH**
1/2" = 1'-0"



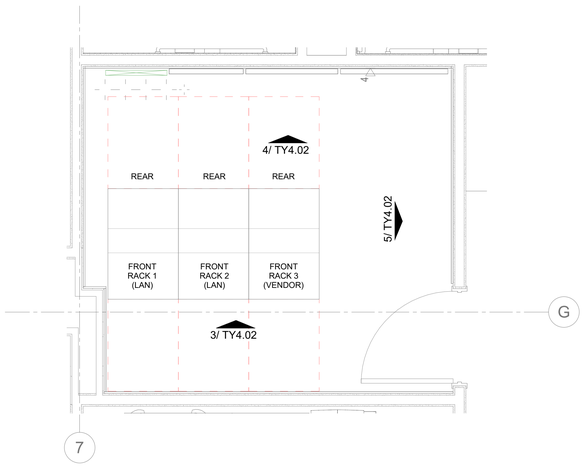

**5 EXISTING SECURITY WALL ELEVATION - IT ROOM 256 - PLAN EAST**
1/2" = 1'-0"



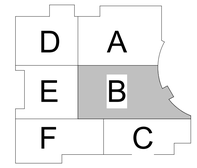

**3 EXISTING SECURITY RACK ELEVATION - IT ROOM 256**
1 1/2" = 1'-0"




**2 EXISTING SECURITY ENLARGED OVERHEAD PLAN - IT ROOM 256**
1/2" = 1'-0"




**1 EXISTING SECURITY ENLARGED PLAN - IT ROOM 256**
1/2" = 1'-0"




KEY PLAN

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# JPS HEALTH NETWORK
# JPS MEDICAL HOME SW SPECIALTY PHARMACY

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FORT WORTH, TEXAS

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TITLE
**SECURITY ENLARGED ROOM PLANS - IT ROOM 256**

PROJECT NO.
**P30481.11**

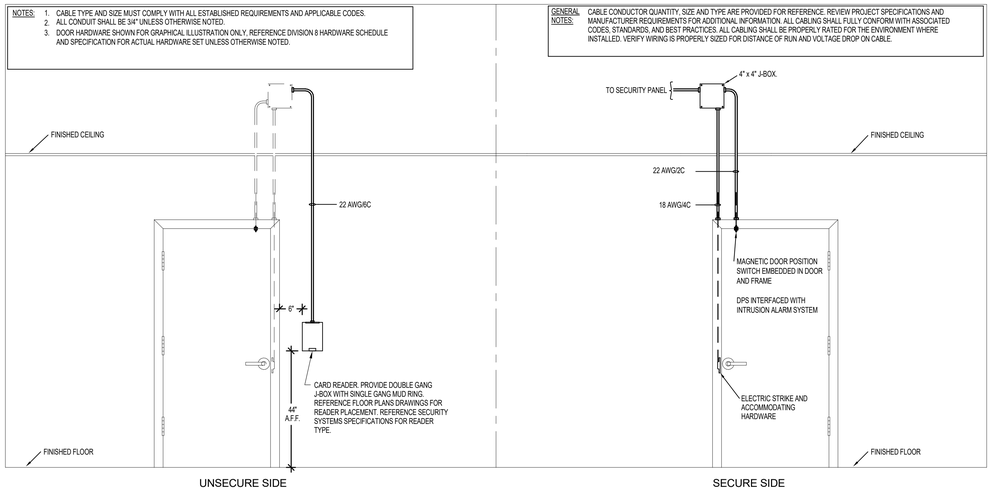
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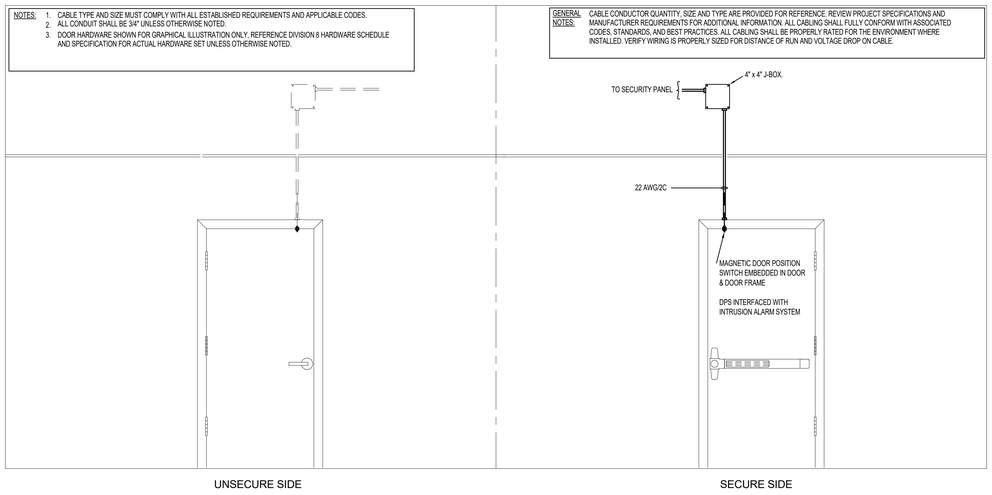
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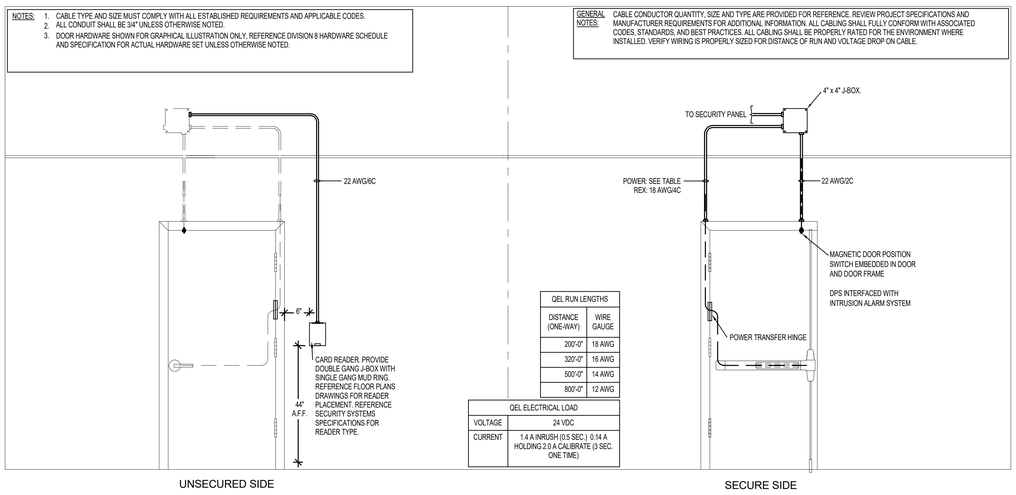
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**2 SECURITY SINGLE DOOR - ELECTRIC STRIKE WITH CARD READER, AND DPS**
N.T.S




**3 SECURITY SINGLE DOOR - MAGNETIC DOOR POSITION SWITCH (DPS)**
N.T.S




**1 SECURITY SINGLE DOOR - QEL ELECTRIC LATCH WITH CARD READER AND DPS (NO SOLENOID)**
N.T.S

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# JPS HEALTH NETWORK
# JPS MEDICAL HOME SW SPECIALTY PHARMACY
CONSTRUCTION DOCUMENTS
FORT WORTH, TEXAS

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**SECURITY DOOR DETAILS**

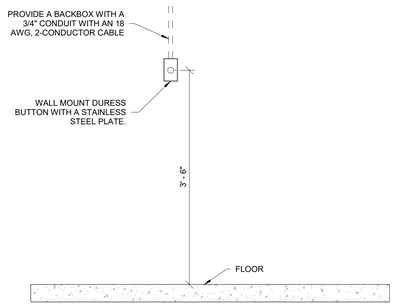
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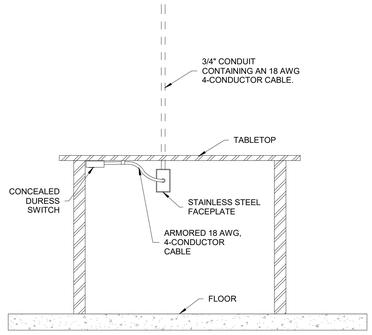
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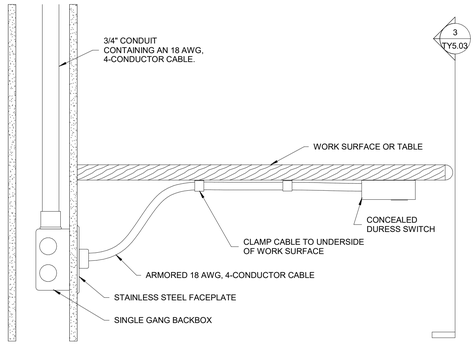
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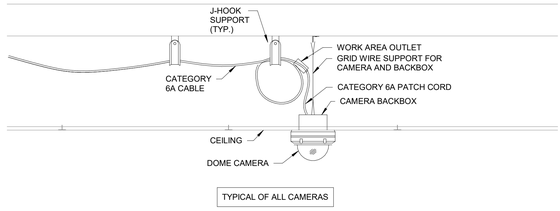

**4 WALL MOUNT DURESS DETAIL**
N.T.S




**3 UNDER COUNTER DURESS BUTTON DETAIL**
N.T.S




**2 UNDER COUNTER DURESS DETAIL**
N.T.S




**1 INTERIOR DROP CEILING MOUNT CAMERA DETAIL**
N.T.S

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# JPS MEDICAL HOME SW SPECIALTY PHARMACY
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6 SECURITY CAMERA VIEW - C-205



3 SECURITY CAMERA VIEW - C-202



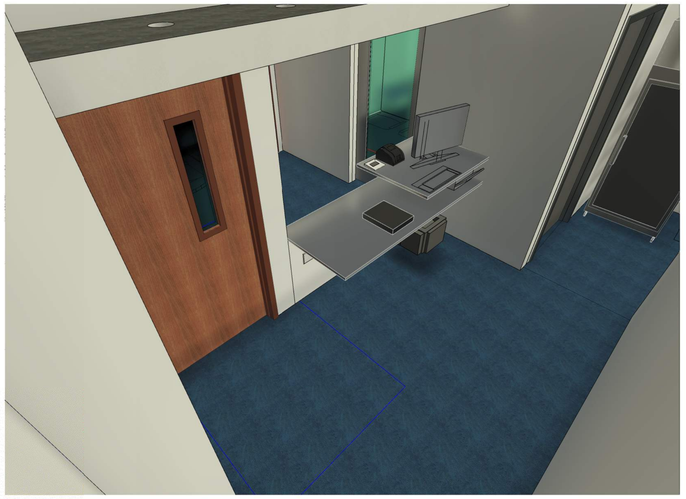
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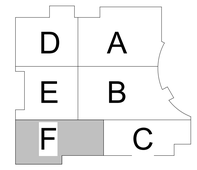
2 SECURITY CAMERA VIEW - C-201



4 SECURITY CAMERA VIEW - C-203



1 SECURITY CAMERA VIEW - C-200




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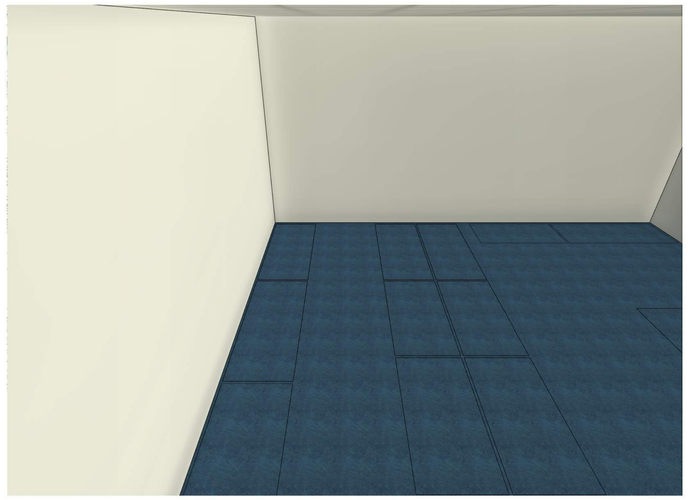
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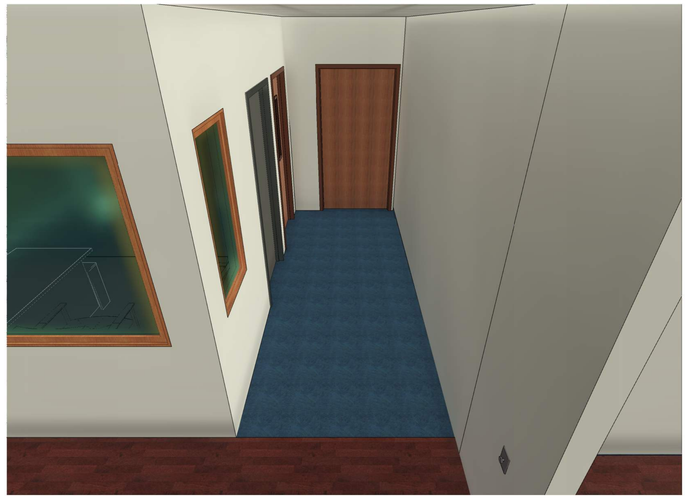
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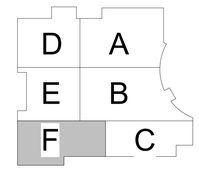
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2 SECURITY CAMERA VIEW - C-207



1 SECURITY CAMERA VIEW - C-206




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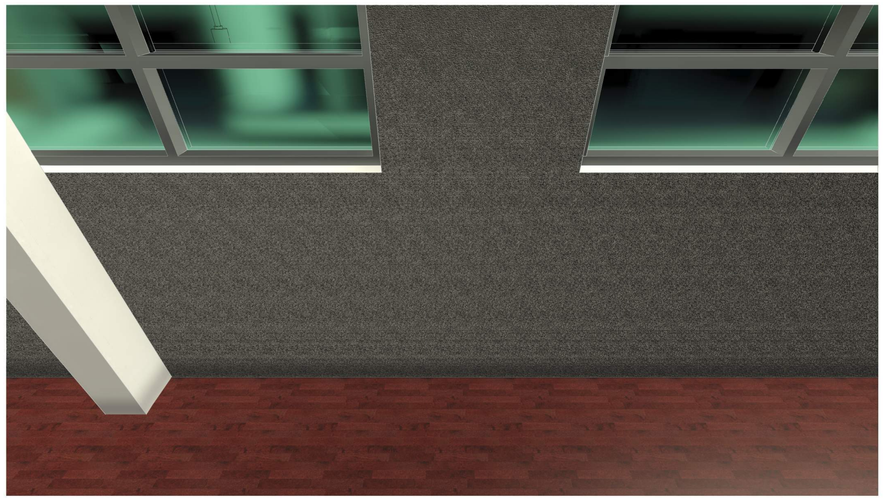
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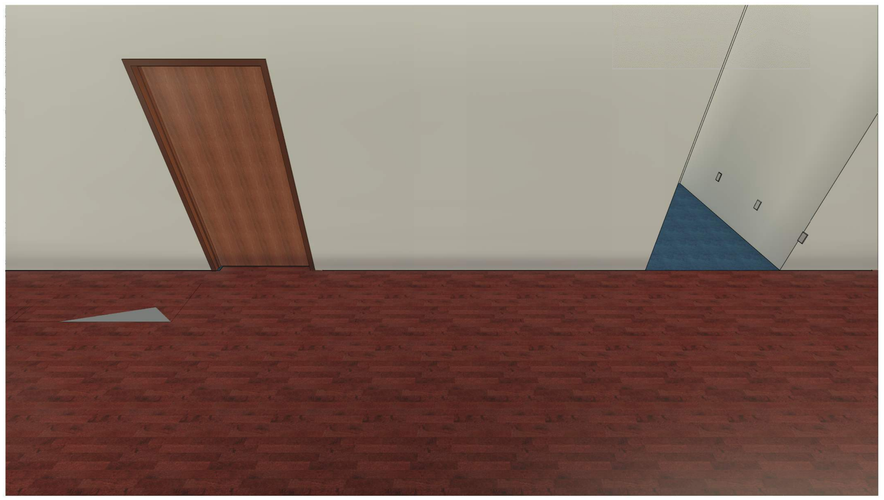
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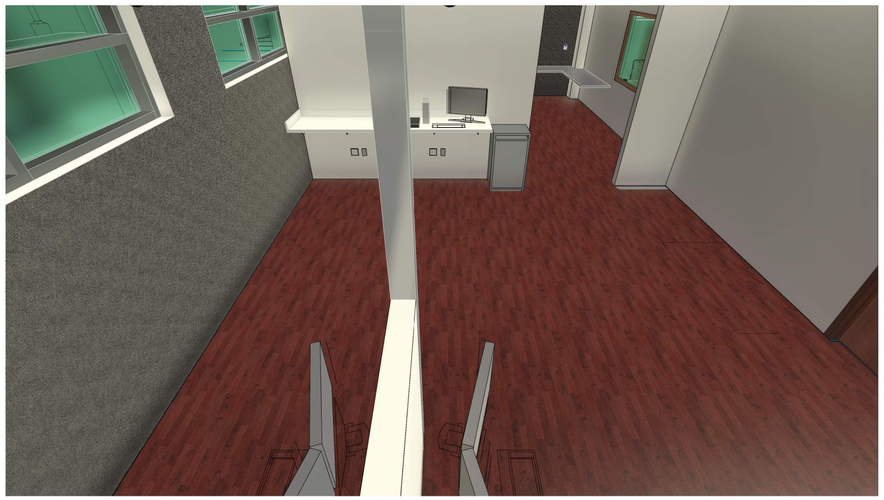
4 SECURITY CAMERA VIEW - C-208 - PLAN SOUTH



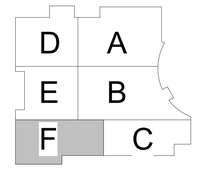
2 SECURITY CAMERA VIEW - C-208 - PLAN NORTH



3 SECURITY CAMERA VIEW - C-208 - PLAN EAST



1 SECURITY CAMERA VIEW - C-208 - PLAN WEST




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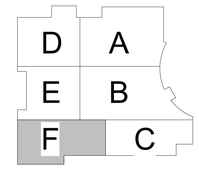
2 SECURITY CAMERA VIEW - C-209 - PLAN NORTH



3 SECURITY CAMERA VIEW - C-209 - PLAN EAST



1 SECURITY CAMERA VIEW - C-209 - PLAN WEST




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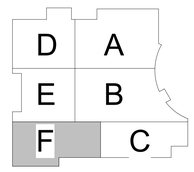
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3 SECURITY CAMERA VIEW - C-210 - PLAN EAST



1 SECURITY CAMERA VIEW - C-210 - PLAN WEST




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