

Table with 3 columns: NO., DESCRIPTION, DATE. Contains multiple empty rows for project details.

DEMOLITION NOTES:

- 1. THE PROTECTION OF PERSONS AND PROPERTY SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. ERECT AND MAINTAIN TEMPORARY BRACINGS, SHORING, LIGHTS, BARRICADES, BARRIERS, CURTAINS, SIGNS, AND OTHER MEASURES AS NECESSARY TO PROTECT THE PUBLIC, WORKERS, AND ADJOINING PROPERTY FROM DAMAGE FROM DEMOLITION WORK. ALL IN ACCORDANCE WITH APPLICABLE CODES AND REGULATIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING BUILDING ELEMENTS AND MATERIALS WHICH ARE PRESENT IN THE ROOF, WALLS AND OTHER COMPONENTS WHICH SHALL BE AFFECTED BY THE ERECTION OF NEW STRUCTURAL STEEL.
- 2. PRIOR TO STARTING SELECTIVE DEMOLITION OPERATIONS, PERFORM A THOROUGH INSPECTION OF THE BUILDING AND PREMISES, AND REPORT TO THE ENGINEER ANY DEFECTS AND STRUCTURAL WEAKNESSES OF EXISTING CONSTRUCTION AND OF IMPROVEMENTS TO REMAIN.
- 3. DEMOLITION, CUTTING, DRILLING EFFORTS TO EXPOSE EXISTING STRUCTURAL STEEL COLUMNS AND MEMBERS SHALL BE PERFORMED WITH GREAT CARE TO NOT JEOPARDIZE THE INTEGRITY OF THE STRUCTURE AND SURROUNDING ARCHITECTURAL COMPONENTS. ALL STRUCTURAL, ARCHITECTURAL AND MEP ELEMENTS MUST BE PROTECTED FROM DAMAGE. NOTIFY THE EOR IF ANY CONFLICTS EXIST BETWEEN EXISTING ELEMENTS AND PLANNED NEW WORK.
- 4. REMOVE MATERIALS CAREFULLY, TO THE EXTENT INDICATED AND AS REQUIRED, PROVIDING FOR NEAT AND ORDERLY JUNCTIONS BETWEEN EXISTING AND NEW MATERIALS.
- 5. ALL DAMAGE TO EXISTING STRUCTURES AND FACILITIES, WHICH ARE TO REMAIN IN PLACE, SHALL BE REPAIRED TO A CONDITION EQUAL TO THAT EXISTING PRIOR TO THE BEGINNING OF DEMOLITION AND REMOVAL OPERATIONS. THE COST OF REPAIRING EXISTING STRUCTURES AND FACILITIES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE AT THE CONTRACTOR'S EXPENSE.
- 6. MATERIALS FORMING PORTIONS OF THE STRUCTURE INDICATED TO BE REMOVED SHALL BECOME THE CONTRACTOR'S PROPERTY, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR REMOVAL FROM THE SITE.

2.2 FABRICATION

- A. GENERAL:
 - 1. FABRICATE AND ASSEMBLE MATERIAL IN SHOP TO GREATEST EXTENT POSSIBLE.
 - 2. USE A325 BOLTS, TWIST-OFF TYPE, UNLESS OTHERWISE INDICATED.
 - 3. ONE SIDED OR OTHER TYPES OF ECCENTRIC CONNECTIONS NOT INDICATED, WILL NOT BE PERMITTED WITHOUT PRIOR APPROVAL.
 - 4. BEVELS FOR FIELD WELDS MAY BE FLAME CUT PROVIDED SUCH CUTTING IS DONE AUTOMATICALLY. LEAVE FREE OF BURRS AND SLAG.
 - 5. GRIND FLUSH WEB FILLETS AT WEBS NOTICED TO RECEIVE BACKUP PLATES FOR FLANGE GROOVE WELDS.
 - 6. FLAME CUT EDGES OF STIFFENER PLATES AT FIELD OR SHOP BUTT WELDS, DO NOT SHEAR.
 - 7. ACCURATELY MILL BEARING ENDS OF COLUMNS.
 - 8. TRUSSES, BEAMS AND GIRDERS OVER 50 FT IN LENGTH SHALL BE CAMBERED IN AN AMOUNT REQUIRED BY THE ARCHITECT. MEMBERS LESS THAN 50 FT IN LENGTH SHALL BE CAMBERED WHEN INDICATED ON THE DRAWINGS OR OTHERWISE FABRICATE SUCH THAT AFTER ERECTION ANY NATURAL CAMBER DUE TO ROLLING OR ASSEMBLY IS UPWARD.
 - 9. CUT, DRILL, OR PUNCH HOLES AT RIGHT ANGLES TO SURFACE OF METAL.
 - A. DO NOT MAKE OR ENLARGE HOLES BY BURNING
 - B. REMOVE BURRS WITHOUT TORN OR RAGGED EDGES
 - C. REMOVE OUTSIDE BURRS RESULTING FROM DRILLING OR REAMING OPERATIONS WITH TOOL MAKING 1/16 IN BEVEL.
 - D. PROVIDE HOLES IN MEMBERS TO PERMIT CONNECTION OF WORK OF OTHER TRADES.
 - 10. MAKE ELONGATIONS FOR DRAW IN OF TENSION BRACING.
 - 11. MAKE SPLICES ONLY AS INDICATED.
 - 12. HEADED STUD TYPE SHEAR CONNECTORS (H.S.) AND DEFORMED BAR ANCHORS (D.B.A.), ON DRAWINGS: AUTOMATICALLY END WELDED IN ACCORDANCE WITH AWS CODE.
 - A. WHEN HEADED STUD TYPE SHEAR CONNECTORS ARE TO BE EITHER SHOP OR FIELD APPLIED, CLEAN TOP SURFACE OF BEAM FLANGES IN SHOP TO REMOVE OIL, SCALE, RUST, DIRT AND OTHER MATERIALS INJURIOUS TO SATISFACTORY WELDING.
 - B. FILLET WELDING OF HEADED STUDS AND DEFORMED ANCHORS IS NOT ALLOWED WITHOUT PRIOR APPROVAL.
 - C. DO NOT WELD STUDS WHEN TEMPERATURE IS BELOW 0 DEG F OR SURFACE IS WET WITH RAIN OR SNOW.
 - D. AFTER WELDING, REMOVE CERAMIC FERRULES AND MAINTAIN CLEAN AND FREE FROM SUBSTANCES WHICH WOULD INTERFERE WITH FUNCTION AS ANCHOR OR BOND OF DEFORMED ANCHOR BARS.
 - E. QUALITY CONTROL: WELD MINIMUM OF 2 STUDS AT START OF EACH PRODUCTION PERIOD TO DETERMINE PROPER GENERATOR, CONTROL UNIT, AND STUD WELDER SETTINGS.
 - 1) THESE STUDS SHALL BE CAPABLE OF BEING BENT 45 DEGREES FROM VERTICAL WITHOUT WELD FAILURE. THESE STUDS SHALL NOT BE INCLUDED AS A PART OF THE REQUIRED CONSTRUCTION.
 - 2) ALL PRODUCTION STUDS SHALL BE SOUNDED BY A SHARP BLOW WITH A HAMMER.
 - 3) IF, AFTER STUDS ARE STRUCK BY A HAMMER OR VISUAL INSPECTION REVEALS THAT SOUND WELD OR FULL 360 DEGREE FILLET HAS NOT BEEN OBTAINED FOR A PARTICULAR STUD, THAT STUD SHALL BE STRUCK WITH HAMMER AND BENT APPROXIMATELY 15 DEGREES OFF PERPENDICULAR TO NEAREST END OF BEAM.
 - 4) STUDS MEETING THIS TEST SHALL BE CONSIDERED ACCEPTABLE AND SHALL BE LEFT IN THIS POSITION.
 - 5) STUDS BENT BEYOND 15 DEGREES SHALL BE CONSIDERED INEFFECTIVE AND REPLACED.
 - 6) STUDS FAILING UNDER THIS TEST SHALL BE REPLACED.
 - B. WELDING:
 - 1. WELDING, TECHNIQUES OF WELDING EMPLOYED, APPEARANCE AND QUALITY OF WELDS, AND METHODS USED TO CORRECT DEFECTIVE WORK SHALL COMPLY WITH AWS CODE, AND REQUIREMENTS INDICATED.
 - 2. TEST WELDING OF WELDED OPERATORS AND TACKERS IN COMPLIANCE WITH AWS CODE FOR POSITION AND TYPE OF WELDING TO WHICH THEY WILL BE ASSIGNED.
 - A. CONDUCT TESTS IN PRESENCE OF APPROVED TESTING AGENCY.
 - B. CERTIFICATION WITHIN LAST 12 MONTHS FROM A WELDING INSPECTOR WILL BE ACCEPTABLE PROVIDED SAMPLES OF WELDER'S WORK ARE SATISFACTORY.
 - C. AT DISCRETION OF TESTING AGENCY, SHOP PERSONNEL CONTINUOUSLY EMPLOYED AT WELDING PROCESS FOR WHICH THEY HAVE BEEN QUALIFIED MAY BE ACCEPTED FROM OLDER QUALIFICATION TESTS.
 - 3. QUALIFY JOINT WELDING PROCEDURES OR TEST IN ACCORDANCE WITH AWS QUALIFICATION PROCEDURES.
 - 4. BEFORE START OF WELDING WORK, MEET WITH TESTING AGENCY AND WELDERS TO REVIEW AND VERIFY PROCEDURES.
 - 5. COMPLY WITH AWS CODE TO MINIMIZE SHRINKAGE AND DISTORTION STRESS.
 - 6. USE BACK-UP PLATES IN ACCORDANCE WITH AWS CODE, EXTENDING MINIMUM OF 1 IN EITHER SIDE OF JOINT.
 - 7. MAKE FLANGE WELDS BEFORE MAKING WEB WELDS.
 - 8. FOR MANUAL SHIELDED METAL ARC WELDING, COMPLY WITH ARTICLE 4.6 OF AWS CODE.
 - 9. LOW HYDROGEN ELECTRODES: DRY AND STORE ELECTRODES IN COMPLIANCE WITH AWS CODE.
 - 10. DO NOT PERFORM WELDING WHEN AMBIENT TEMPERATURE IS LOWER THAN 0 DEG F, OR WHERE SURFACES ARE WET OR EXPOSED TO RAIN, SNOW, OR HIGH WIND, OR WHEN WELDERS ARE EXPOSED TO INCLIMENT CONDITIONS.
 - 11. BEFORE STARTING WELDING:
 - A. CAREFULLY PLUME AND ALIGN MEMBERS.
 - B. FULLY TIGHTEN BOLTS
 - C. ASSEMBLY AND SURFACE PREPARATION SHALL COMPLY WITH AWS CODE.
 - D. PREHEAT BASE METAL TO TEMPERATURE STATED IN AWS CODE.
 - 1) WHEN NO PREHEAT TEMPERATURE IS GIVEN AND BASE METAL IS BELOW 32 DEG F, PREHEAT BASE METAL TO AT LEAST 70 DEG F.
 - 2) MAINTAIN TEMPERATURE DURING WELDING.
 - 3) PREHEATING SHALL BRING SURFACE OF BASE METAL WITHIN DISTANCE FROM POINT OF WELDING EQUAL TO THICKNESS OF THICKER PART BEING WELDED OR 3 IN, WHICHEVER IS GREATER, TO SPECIFIED PREHEAT TEMPERATURE.
 - 4) MAINTAIN THIS TEMPERATURE DURING WELDING.
 - E. EACH WELDER IS TO PROVIDE IDENTIFYING MARK AT WELDS WORKED ON.
 - 2.3 SURFACE PREPARATION AND SHOP-APPLIED COATINGS
 - A. SURFACES NOT TO BE COATED:
 - 1. DO NOT COAT FOLLOWING SURFACES:
 - A. SURFACES TO BE SPRAYED WITH SPRAY-ON MATERIAL.
 - B. MACHINED SURFACES, SURFACES ADJACENT TO FIELD WELDS, CONTACT SURFACES OF BOLT CONNECTIONS WHERE CONNECTION IS SPECIFIED AS SLP CRITICAL, AND TOP OF TOP FLANGES OF BEAMS.
 - C. OTHER MEMBERS FOR WHICH NO COATING IS SPECIFIED.
 - 2. CLEAN THOROUGHLY BEFORE SHIPPING; REMOVE LOOSE MILL SCALE, RUST, DIRT, OIL AND GREASE.
 - B. GALVANIZE FOLLOWING MEMBERS:
 - A. MEMBERS SET IN, OR IN CONTACT WITH, EXTERIOR SURFACE MATERIAL, INCLUDING:
 - 1) BRICK LEDGE ANGLES.
 - 2) EMBEDDED ITEMS IN EXTERIOR SURFACES.
 - B. EXTERIOR EXPOSED STRUCTURE NOT INDICATED TO BE PAINTED IN THE FIELD.
 - C. OTHER MEMBERS INDICATED.
 - 2. CLEAN THOROUGHLY BEFORE GALVANIZING.
 - 3. GALVANIZE IN ACCORDANCE WITH ASTM A123.
- 2.4 SURFACE TREATMENT AND FIELD APPLIED COATINGS
 - A. EXPOSED STRUCTURAL STEEL ELEMENTS WITHIN 15'-0" OF FINISHED FLOOR SHALL BE PAINTED WITH HIGH PERFORMANCE PAINT.
 - 1. ONCE COATINGS ARE APPLIED TO AN EXPOSED STRUCTURAL STEEL ELEMENT (SUCH AS A COLUMN), THE ENTIRE ELEMENT MUST BE PAINTED WITH THE SAME PAINT TYPE OR COATING.

PART 3 - EXECUTION

- 3.1 ERECTION
 - A. SAFETY:
 - 1. CONTRACTOR IS SOLELY RESPONSIBLE FOR SAFETY. CONSTRUCTION MEANS AND METHODS AND SEQUENCING OF WORK IS THE PREROGATIVE OF THE CONTRACTOR.
 - B. CAPACITY OF PARTIALLY COMPLETE CONSTRUCTION:
 - 1. CONSIDER THAT FULL STRUCTURAL CAPACITY OF MANY STRUCTURAL MEMBERS IS NOT REALIZED UNTIL STRUCTURAL ASSEMBLY IS COMPLETE; THAT IS, UNTIL SLABS, DECKS AND DIAGONAL BRACES ARE INSTALLED. PARTIALLY COMPLETE STRUCTURAL MEMBERS SHALL NOT BE LOADED OUT OF SEQUENCE WITHOUT AN INVESTIGATION.
 - 2. UNTIL ELEMENTS OF THE PERMANENT LATERAL BRACING SYSTEM OF THE STRUCTURE ARE COMPLETE, TEMPORARY LATERAL BRACING FOR THE PARTIALLY COMPLETE STRUCTURE WILL BE REQUIRED.
 - C. TEMPORARY BRACING:
 - 1. ADEQUATE TEMPORARY BRACING TO PROVIDE STABILITY AND RESIST LOADS TO WHICH THE PARTIALLY COMPLETE STRUCTURE MAY BE SUBJECTED TO INCLUDING CONSTRUCTION ACTIVITIES AND OPERATION OF EQUIPMENT IS THE RESPONSIBILITY OF THE CONTRACTOR.
 - 2. IF NOT OBVIOUS FROM THE DRAWINGS, CONFER WITH THE ARCHITECT TO IDENTIFY THOSE STRUCTURAL ELEMENTS THAT MUST BE COMPLETE BEFORE THE STRUCTURE'S PERMANENT LATERAL BRACING SYSTEM IS EFFECTIVE. THE DESIGN OF THE TEMPORARY BRACING SYSTEM MUST CONSIDER THE SEQUENCE AND SCHEDULE OF PLACEMENT OF SUCH ELEMENTS AND EFFECTS OF LOADS IMPOSED ON THE STRUCTURAL STEEL FRAME BY PARTIALLY OR COMPLETELY INSTALLED WORK OF OTHER TRADES. DO NOT REMOVE TEMPORARY BRACING UNTIL THE PERMANENT LATERAL BRACING SYSTEM IS EFFECTIVE.
 - D. GENERAL:
 - 1. SET BASE AND BEARING PLATES ACCURATELY AND GROUT IMMEDIATELY AS INDICATED.
 - A. USE METAL WEDGES, SHIMS OR SETTING NUTS AS REQUIRED.
 - B. PACK GROUT SOLIDLY BETWEEN PLATE AND BEARING SURFACE.
 - 2. CLEAN BEARING AND CONTACT SURFACES BEFORE ASSEMBLY.
 - E. INSTALL A325SC BOLTS WITH WASHERS, INSTALL AND TIGHTEN IN ACCORDANCE WITH THE RCSC SPECIFICATIONS OR IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS WHEN TWIST-OFF BOLTS ARE USED.
 - F. FIELD WELD AS SPECIFIED IN PARAGRAPH WELDING.
 - G. DO NOT USE GAS CUTTING TO CORRECT FABRICATION ERRORS ON MAJOR MEMBERS.
 - H. GAS CUTTING ON MINOR MEMBERS MAY BE PERMITTED WHEN MEMBERS ARE NOT LOADED, ONLY AFTER APPROVAL BY ARCHITECT.
 - I. TIGHTEN AND LEAVE IN PLACE ERECTION BOLTS USED IN WELDED CONSTRUCTION.
 - J. PROVIDE BEVELED WASHERS TO GIVE FULL BEARING TO BOLT HEAD OR NUT WHERE BOLTS ARE TO BE USED ON SURFACES HAVING SLOPES GREATER THAN 1:20 WITH A PLANE NORMAL TO BOLT AXIS.
 - K. AFTER INSTALLATION, TOUCH UP DAMAGED OR ABRADED AREAS OF PRIMED STEEL USING SAME MATERIALS USED FOR SHOP PRIMING.
 - 1. CLEAN FIELD WELDS, BOLTED CONNECTIONS AND ABRADED AREAS BEFORE TOUCHING UP.
 - AFTER INSTALLATION, REPAIR GALVANIZED SURFACES DAMAGED OR ABRADED USING ZINC RICH PAINT IN ACCORDANCE WITH ASTM A780.
 - 1. SURFACES TO BE REPAIRED WITH PAINT CONTAINING ZINC DUST SHALL BE CLEAN, DRY, AND FREE OF OIL, GREASE, PREEXISTING PAINT, CORROSION, AND / OR RUST.
 - 2. SURFACES TO BE REPAIRED SHALL BE BLAST CLEANED TO THE REQUIREMENTS OF SPC SP10 (NEAR WHITE), WHERE CIRCUMSTANCES DO NOT ALLOW BLAST OR POWER TOOL CLEANING TO BE USED. THEN HAND TOOLS MAY BE USED. CLEANING SHALL MEET THE REQUIREMENTS OF SPC SP2 (REMOVAL OF LOOSE RUST, MILL SCALE, OR PAINT TO THE DEGREE SPECIFIED BY HAND CHIPPING, SCRAPING, SANDING AND WIRE BRUSHING).
 - 3. IF THE AREAS/SURFACES TO BE REPAIRED INCLUDE WELDS, FIRST REMOVE ALL WELD FLUX RESIDUE AND WELD SPATTER BY BLASTING, CHIPPING, GRINDING, OR POWER SCALING.
 - 4. SPRAY OR BRUSH APPLY THE PAINTS CONTAINING ZINC DUST TO THE PREPARED SURFACES/AREAS. APPLY THE PAINT IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS IN A SINGLE APPLICATION EMPLOYING MULTIPLE PASSES TO ACHIEVE A DRY FILM THICKNESS EQUAL TO THE ORIGINAL ZINC COATING THICKNESS.

END OF SECTION 051210

SECTION 05 12 10 - STRUCTURAL STEEL

- 1.1 SUMMARY
 - A. FURNISH ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, AND SERVICES FOR STRUCTURAL STEEL, AS INDICATED, IN ACCORDANCE WITH PROVISIONS OF CONTRACT DOCUMENTS.
 - B. COMPLETELY COORDINATE WITH WORK OF OTHER TRADES.
- 1.2 QUALITY ASSURANCE
 - A. STRUCTURAL STEEL WORK COVERED HEREIN SHALL BE FABRICATION AND ERECTION OF STEEL FRAMING AND BRACING MEMBERS INCLUDING CONNECTIONS AND STEEL MATERIAL EITHER SUPPORTING OR CONNECTED TO STEEL MEMBERS SHOWN ON STRUCTURAL PLANS AND NOT SPECIFIED IN OTHER SECTIONS.
 - B. QUALITY STANDARDS LATEST EDITION OF THE FOLLOWING STANDARDS PLUS ANY CORRESPONDING PUBLISHED REVISIONS AT THE TIME OF BIDDING SHALL BE THE APPLICABLE STANDARD. THE LOCAL BUILDING CODE SHALL GOVERN WHEN CONFLICTS OCCUR.
 - 1. LOCAL BUILDING CODE.
 - 2. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC).
 - A. ANSIAISC 360 "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS" (REFERRED TO HEREIN AS THE AISC SPECIFICATION).
 - B. CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES (REFERRED TO AS AISC CODE OF STANDARD PRACTICE).
 - C. QUALITY CERTIFICATION PROGRAM.
 - 3. AMERICAN WELDING SOCIETY.
 - A. STRUCTURAL WELDING CODE - STEEL ANSIAIWS-D1.1 (REFERRED TO HEREIN AS THE AWS CODE), THE AWS CODE SHALL GOVERN THE TECHNIQUES AND QUALITY OF WELDING AND TESTING PROCEDURES. STATEMENTS CONTAINED IN THE AWS CODE REQUIRING INFORMATION TO BIDDEES AND/OR CONTRACT DOCUMENTS TO DEFINE NONDESTRUCTIVE TESTING OR STATEMENTS DEFINING RESPONSIBILITIES AND OBLIGATIONS FOR SERVICES AND PAYMENT SHALL BE DISREGARDED.
 - 4. RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS "SPECIFICATIONS FOR STRUCTURAL JOINTS USING HIGH STRENGTH BOLTS" (REFERRED TO HEREIN AS THE RCSC SPECIFICATION).
 - 5. STEEL STRUCTURES PAINTING COUNCIL (SSPC) STEEL STRUCTURES PAINTING MANUAL VOL. 2, "SYSTEM AND SPECIFICATIONS" (REFERRED TO HEREIN AS THE SSPC SPECIFICATION).
 - C. QUALIFICATIONS:
 - 1. STEEL FABRICATOR:
 - A. CERTIFIED BY AISC QUALITY CERTIFICATION PROGRAM FOR STRUCTURAL STEEL FABRICATORS AND IS DESIGNATED AS AISC CERTIFIED FABRICATOR, STANDARD FOR STEEL BUILDING STRUCTURES.
 - B. FABRICATORS NOT CERTIFIED SHALL HAVE MINIMUM 10 YEARS EXPERIENCE AND SHALL EMPLOY AN APPROVED TESTING AGENCY TO INSPECT FABRICATION WORK PERFORMED OFF SITE. THE TESTING AGENCY SHALL FURNISH WEEKLY INSPECTION REPORTS AND A FINAL REPORT TO THE BUILDING OFFICIAL AND THE ARCHITECT CERTIFYING THE WORK WAS PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS AND APPROVED SHOP DRAWINGS.
 - 2. STEEL ERECTOR:
 - A. MINIMUM 10 YEARS EXPERIENCE IN ERECTION OF STRUCTURAL STEEL.
 - B. CERTIFIED AS CERTIFIED STEEL ERECTOR BY AISC QUALITY CERTIFICATION PROGRAM.
 - 3. CERTIFICATION BY OTHER EQUIVALENT PROGRAMS SUBJECT TO APPROVAL OF THE STRUCTURAL ENGINEER.
 - D. SOURCE QUALITY CONTROL:
 - 1. PROVIDE ACCESS AND FACILITIES FOR TESTING AGENCY DURING SHOP AND FIELD INSPECTIONS.
 - E. TESTING AND INSPECTION- TESTING, (EXCEPT TESTING TO QUALIFY WELDERS AND AS NEEDED FOR CONTRACTOR'S OWN QUALITY CONTROL), WILL BE PERFORMED AT NO COST TO CONTRACTOR BY A TESTING/INSPECTION AGENCY EMPLOYED BY OWNER. OWNER'S TESTING/INSPECTION AGENCY MAY USE NONDESTRUCTIVE TESTING METHODS IN ADDITION TO VISUAL INSPECTION TO VERIFY WELD QUALITY. REPAIR REJECTED WELDS AS DIRECTED BY TESTING/ INSPECTION AGENCY AT NO ADDITIONAL COST TO OWNER.
 - F. PROVIDE TESTING AND INSPECTION AGENCY WITH SUFFICIENT NOTIFICATION AND ACCESS SO THAT INSPECTION AND TESTING CAN BE ACCOMPLISHED.
 - G. PREVIOUS ACCEPTANCE OF MATERIAL OR FINISHED MEMBERS BY TESTING AND INSPECTION AGENCY OR ARCHITECT/ENGINEER SHALL NOT PREVENT ITS REJECTION AT LATER DATE IF IT DOES NOT COMPLY WITH SPECIFICATIONS.
 - H. TOLERANCES:
 - 1. ROLLING: ASTM-A6.
 - 2. FABRICATION AND ERECTION TOLERANCES: AISC CODE OF STANDARD PRACTICE.
 - I. COMPLETE FINAL DESIGN OF CONNECTIONS NOT DEFINED ON CONTRACT DOCUMENTS.
 - 1. DESIGN CONNECTIONS AT EACH END OF MEMBER FOR LOADS (IN KIPS) NOTED IN PARENTHESIS. IF LOAD NOT INDICATED, DESIGN FOR CAPACITY OF MEMBER.
 - 2. CONNECTION ARRANGEMENT AND DETAIL SHALL BE CONSISTENT WITH SIMILAR CONNECTIONS WHERE INDICATED ON CONTRACT DOCUMENTS.
 - 3. CONNECTION DESIGN SHALL SATISFY APPLICABLE BUILDING CODES AND SHALL USE LATEST APPROACH TO DESIGN AS OFFERED BY AISC.
- 1.3 SUBMITTALS
 - A. SHOP DRAWINGS:
 - 1. INDICATE DETAILS INCLUDING CUTS, COPES, CONNECTIONS, HOLES AND WELDS. INDICATE SHOP AND FIELD WELDS USING AWS SYMBOLS. INDICATE CONNECTIONS WHERE HIGH STRENGTH BOLTS ARE REQUIRED.
 - 2. HEADED STUD PLACEMENT DRAWINGS.
 - B. PRODUCT DATA:
 - 1. SOURCE AND CERTIFICATION OF QUALITY FOR HIGH-STRENGTH BOLTS, NUTS AND WASHERS.
 - 2. TECHNICAL DATA ON BASE PLATE GROUT.
 - C. PROJECT INFORMATION:
 - 1. FABRICATOR'S AISC CERTIFICATION OR NAME OF INDEPENDENT TESTING AGENCY FOR USE BY NON-CERTIFIED FABRICATOR ALONG WITH PROOF THAT FABRICATOR HAS 10 YEARS EXPERIENCE IN FABRICATION OF STRUCTURAL STEEL FOR BUILDINGS.
 - 2. INSPECTION REPORTS AND CERTIFICATION OF SHOP FABRICATION BY INDEPENDENT TESTING LABORATORY FOR NON-CERTIFIED FABRICATOR.
 - 3. STEEL ERECTOR'S AISC CERTIFICATION OR PROOF THAT STEEL ERECTOR HAS 10 YEARS EXPERIENCE IN ERECTION OF STRUCTURAL STEEL.
 - 4. CONNECTION DESIGN CALCULATIONS.
 - 5. WELDING PROCEDURE SPECIFICATION (WPS) FOR SHOP AND FIELD WELDS.
 - D. CONTRACT CLOSEOUT INFORMATION:
 - 1. CERTIFICATE BY FABRICATOR THAT STEEL WAS FABRICATED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.
 - 2. CERTIFICATE BY ERECTOR THAT STEEL WAS ERECTED IN ACCORDANCE WITH THE APPROVED ERECTION PLANS AND SPECIFICATIONS.

PART 2 - PRODUCTS

- 2.1 MATERIALS
 - A. STEEL, STRUCTURAL "W" SHAPES AND TEES: ASTM A992 (50 KSI YIELD POINT).
 - B. OTHER STEEL SHAPES AND PLATE: ASTM A36.
 - C. PIPE ROUND: ASTM A53, GRADE-B.
 - D. TUBING SQUARE OR RECTANGULAR: ASTM A500, GRADE-B (46 KSI MINIMUM).
 - E. BOLTS, NUTS, AND WASHERS, HIGH-STRENGTH, CONFORM TO RCSC SPECIFICATION.
 - 1. TWIST OFF STYLE, CONFORM TO ASTM F1852.
 - A. APPROVED BOLTS:
 - 1) TENSION CONTROL BOLT BY LEJUNE BOLT COMPANY, BURNSVILLE, MN.
 - 2) TRU-TENSION FASTENERS BY NUCOR FASTENER DIVISION OF NUCOR CORPORATION, ST. JOE, INDIANA.
 - 3) LOHR FASTENERS BY LOHR STRUCTURAL FASTENERS, HUMBLE, TX.
 - F. BOLTS, NUTS AND WASHERS, STANDARD STRENGTH:
 - 1. BOLTS: ASTM A307, TYPE A.
 - 2. NUTS: ASTM A420.
 - 3. WASHERS PLAIN: ANSIAISME-B18.22.1.
 - G. ANCHOR BOLTS, HIGH-STRENGTH:
 - 1. BOLTS OR ROD FOR THREADING: ASTM F1554-105 KSI, MEETING SUPPLEMENTARY REQUIREMENT S4. PRETENSION TO LOAD INDICATED ON PLANS.
 - 2. NUTS, HEAVY HEX: ASTM A563.
 - A. UP TO 1 1/2 IN DIAMETER; GRADE D HEX.
 - B. OVER 1-1/2 IN DIAMETER; GRADE DH HEAVY HEX.
 - 3. WASHERS:
 - A. HARDENED STEEL, ASTM F436 TYPE 1.
 - B. LOAD INDICATOR TYPE: DIRECT TENSION INDICATING WASHERS AS MANUFACTURED BY TURNASURE LLC OF LANGHORNE, PA OR APPROVED EQUAL. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
 - C. THREAD TOLERANCE: ANSIAISME-B18.1, CLASS 2A.
 - 4. ANCHOR BOLTS, STANDARD STRENGTH:
 - 1. BOLTS OR ROD FOR THREADING: ASTM A36 OR ASTM F1554-36 KSI.
 - 2. NUTS AND WASHERS:
 - A. NUTS: ASTM A563.
 - B. WASHERS PLAIN: ANSIAISME-B18.22.1.
 - 3. THREAD TOLERANCE: ANSIAISME-B18.1, CLASS 2A.
 - H. WELDING ELECTRODES:
 - 1. SHIELDED METAL-ARC: AWS AS 1 OR AWS AS 5, E70XX.
 - 2. SUBMERGED-ARC: AWS AS 17 OR AS 23, F7X-EXXX.
 - 3. GAS METAL-ARC: AWS AS 18, ER70S-X.
 - 4. FLUX CORED-ARC: AWS AS 20, E70T-X (EXCEPT 2, 3, 10, GS).
 - I. HEADED STUDS AND DEFORMED BAR ANCHORS:
 - 1. HEADED STUDS (HS)
 - A. FABRICATED FORM COLD DRAWN BAR STOCK CONFORMING TO ASTM A 108, GRADES 1010 THROUGH 1020.
 - B. AWS D11 TYPE B.
 - C. MINIMUM YIELD STRENGTH: 51 KSI.
 - D. MINIMUM TENSILE STRENGTH: 65 KSI OVER 3/8 IN DIAMETER.
 - E. MINIMUM TENSILE STRENGTH: 55 KSI 3/8 IN DIAMETER AND UNDER.
 - 2. DEFORMED ANCHOR BARS (DBA): STRAIGHT, UNLESS OTHERWISE INDICATED.
 - A. ASTM A496.
 - B. MINIMUM YIELD STRENGTH: 70 KSI.
 - C. MINIMUM TENSILE STRENGTH: 80 KSI.
 - K. GROUT-POURABLE:
 - 1. "DURAGROUT" AS MANUFACTURED BY L&M CONSTRUCTION CHEMICALS, OR EQUAL.
 - 2. MINIMUM STRENGTH: 4000 PSI AT 7 DAYS AND 8000 PSI AT 28 DAYS.
 - L. EXPANSION ANCHORS:
 - 1. EXPANSION ANCHORS SHALL BE A SINGLE-END EXPANSION SHIELD ANCHOR WHICH COMPLIES WITH THE DESCRIPTIVE PART OF FEDERAL SPECIFICATION FF-5325, GROUP II, TYPE 4, CLASS 1 FOR CONCRETE EXPANSION ANCHORS. ANCHORS SHALL BE HILTI KWIK BOLT TZ EXPANSION ANCHOR BY HILTI FASTENING SYSTEMS OF TULSA, OK (ICC REPORT NO. ESR-1917) OR EQUAL.
 - M. ADHESIVE ANCHORS:
 - 1. THREADED RODS, BOLTS, ETC., INDICATED AS ADHESIVE ANCHORS INTO CONCRETE OR SOLID MASONRY:
 - A. HFI HY-200 MAX - SD ADHESIVE BY HILTI FASTENING SYSTEMS OF TULSA, OK (ICC REPORT NO. ESR-3013) OR EQUAL.
 - B. UNLESS INDICATED OTHERWISE, ADHESIVE ANCHOR BOLT SHALL CONFORM TO HAS - E STANDARD ISO CLASS 5.8 BY HILTI OR EQUAL. DO NOT FIELD CUT RODS WITHOUT ENGINEER'S APPROVAL.
 - N. SLIDE BEARINGS AT EXPANSION JOINTS:
 - 1. MASTICORD WITH TEFLON SLIDE PLATE LAYERS AS MANUFACTURED BY JVI MC, SKOKIE ILLINOIS, OR EQUAL, SIZE, THICKNESS, AND CONFIGURATION AS SHOWN ON THE DRAWINGS. WHERE NO MATERIAL IS DETAILED THE FABRICATOR SHALL PROVIDE SLIDE BEARING MATERIALS FOR FULL BEARING AREA OF STRUCTURAL STEEL WITH A LOAD EQUAL TO THE MAXIMUM FOR THE STEEL SECTION.

REVISION NO.	DESCRIPTION	DATE

HKS PROJECT NUMBER
23376.000

DATE
03/06/2023

ISSUE
100%

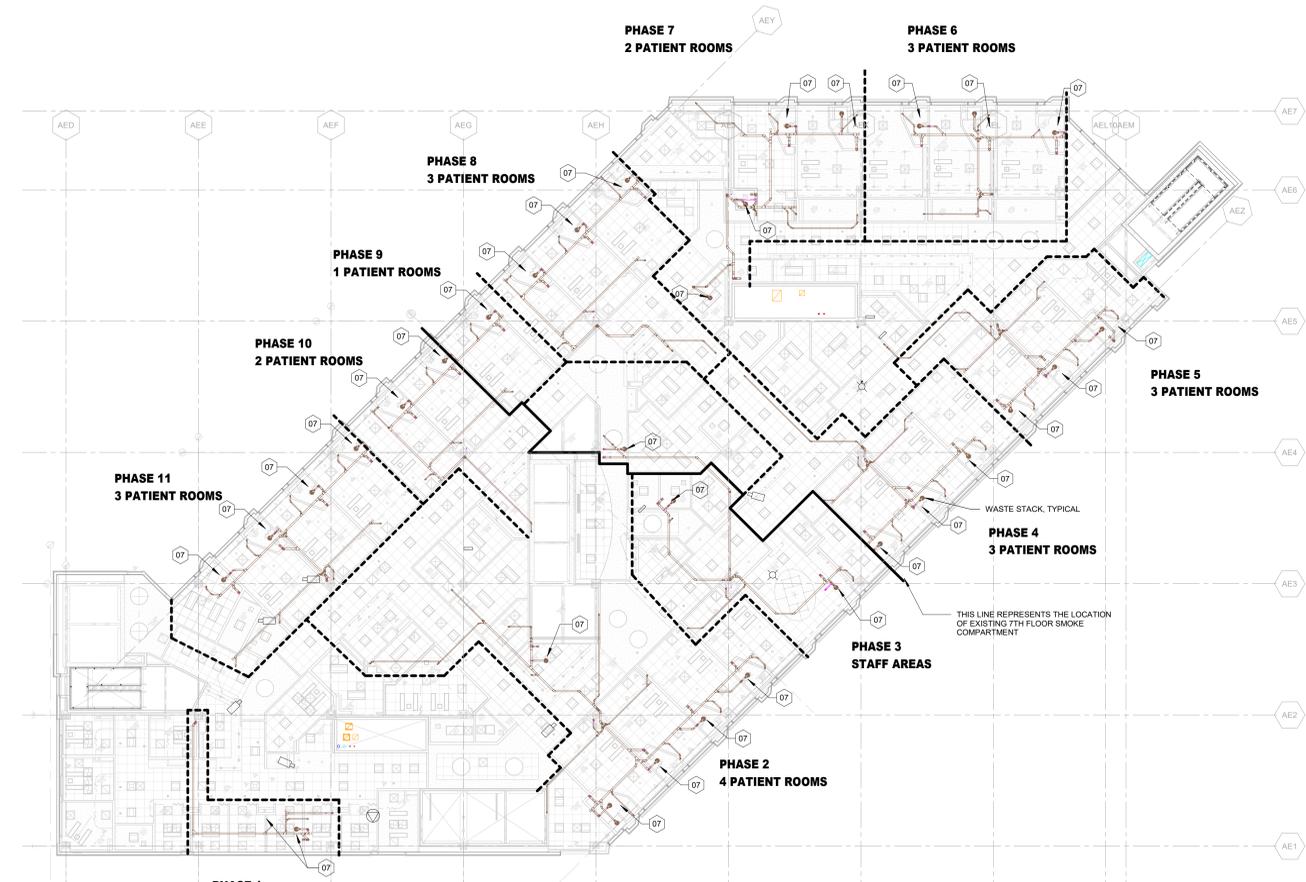
CONSTRUCTION DOCUMENTS REISSUE

SHEET TITLE
7TH FLOOR CEILING DEMOLITION AND PHASING PLAN

A2.01

DEMOLITION SYMBOLS	
---	ITEMS SHOWN DASHED ARE TO BE REMOVED
---	ITEMS SHOWN SCREENED ARE TO REMAIN
XX	DEMOLITION KEYNOTE
DEMOLITION SYMBOLS	
1	REMOVE DOOR, FRAME, AND ASSOCIATED HARDWARE.
2	REMOVE PORTION OF EXISTING PARTITION.
3	EXISTING SLAB DEPRESSION AT SHOWER / ROOM TO REMAIN.
4	REMOVE FENCE AND ACCESSORIES. COORDINATE WITH OWNER FOR SALVATION / STORAGE.
5	REMOVE PORTION OF CONCRETE.
6	REMOVE LIGHT FIXTURE OR EXIT DEVICE. RETURN TO OWNER.
7	PATCH/REPAIR/MATCH EXISTING FINISH OF CEILING AT INDICATED LOCATION IN ORDER TO CONNECT NEW TOILET TO EXISTING WASTE MAIN. REMOVE CEILING AS NEEDED TO MAKE OVERHEAD PLUMBING CONNECTIONS. PROTECT AND REUSE EXISTING LIGHT FIXTURES AND MECHANICAL DEVICES. INSTALL IN ORIGINAL LOCATION AFTER NEW WORK IS COMPLETE.
8	EXISTING SLAB DEPRESSION TO BE ABANDONED. REMOVE ASSOCIATED PLUMBING.

- GENERAL NOTES - DEMOLITION**
- REFER TO SPECIFICATION SECTION 02 4119 - SELECTIVE DEMOLITION FOR SPECIFIC PROJECT REQUIREMENTS.
 - CONTRACTOR TO COORDINATE DEMOLITION WORK SEQUENCE. REFERENCE PHASING DRAWINGS WHERE APPLICABLE.
 - DEMOLITION DRAWINGS REPRESENT EXISTING CONDITIONS BASED ON LIMITED EXISTING DRAWINGS AND SITE OBSERVATIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND SHOULD NOTIFY THE ARCHITECT OF ANY INCONSISTENCIES WITH DOCUMENTED EXISTING CONDITIONS.
 - DEMOLITIONS GENERALLY INDICATE EXISTING SCOPE OF WORK TO BE DEMOLISHED AND ARE NOT INTENDED TO LIMIT OR FULLY DEFINE THE SCOPE OF WORK TO BE REMOVED IN ORDER TO ACCOMPLISH SCOPE OF NEW CONSTRUCTION. WHERE THESE CONDITIONS OCCUR OUTSIDE OF THE DEMOLITION LIMITS, AREAS SHALL BE RETURNED TO THEIR ORIGINAL CONDITION AS PART OF THE NEW CONSTRUCTION SCOPE OF WORK.
 - REFERENCE STRUCTURAL AND MEP DRAWINGS FOR OTHER DISCIPLINE DEMOLITION SCOPE OF WORK.
 - WHERE EXISTING WALL MOUNTED DEVICES, FIXTURES OR OTHER WALL MOUNTED ITEMS ARE SCHEDULED TO BE SALVAGED, REFERENCE CONSTRUCTION DRAWINGS FOR NEW LOCATIONS OR COORDINATE WITH OWNER FOR STORAGE LOCATION.
 - PARTITIONS SCHEDULED TO BE REMOVED; DEMOLITION SHOULD INCLUDE MISCELLANEOUS BRACING, TRACK, ETC. TO BOTTOM OF STRUCTURE. CONTRACTOR SHALL MAINTAIN ALL REQUIRED EXITS UNOBSTRUCTED, ILLUMINATED AND PROTECTED FROM CONSTRUCTION ACTIVITIES.
 - CONTRACTOR TO CLEAN AREA ADJACENT TO DEMOLITION AREA OF DUST, DIRT AND DEBRIS CAUSED BY DEMOLITIONS OPERATIONS.
 - PROMPTLY DISPOSE OF DEMOLISHED MATERIALS. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON-SITE. TRANSPORT DEMOLISHED MATERIALS AND LEGALLY DISPOSE OF THEM.
 - CONTRACTOR SHALL AVOID DAMAGE TO EXISTING FIREPROOFING. IF UNAVOIDABLE, CONTRACTOR SHALL PATCH AND REPAIR IF FIREPROOFING BECOMES DAMAGED.
 - SECURITY VENDOR TO MODIFY ACCESS CONTROLS TO 8TH FLOOR ON ALL ELEVATORS.
 - SCOPE OF WORK NOTE: THIS PLAN IS INTENDED TO DEMONSTRATE THE WORK THAT NEEDS TO BE DONE ABOVE THE 7TH FLOOR CEILING IN ORDER TO PROPERLY PROVIDE PLUMBING AND ELECTRICAL TO THE 8TH FLOOR TENANT IMPROVEMENT. CONTRACTOR TO COORDINATE ABOVE CEILING WITH PLUMBING SHOWN.
 - THIS SHEET IS GENERALLY DIAGRAMMATIC AND IT IS THE INTENT THAT THE CONTRACTOR SHALL PROVIDE AN ELECTRICAL INSTALLATION THAT IS COMPLETE WITH 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.



01 LEVEL 7 REFLECTED CEILING DEMO PLAN
1/16" = 1'-0"

8TH FLOOR TENANT IMPROVEMENT



KEY PLAN

REVISION NO.	DESCRIPTION	DATE

HKS PROJECT NUMBER
23376.000

DATE
03/06/2023

ISSUE
100% CONSTRUCTION DOCUMENTS REISSUE

SHEET TITLE
8TH FLOOR RENOVATION PLAN

SHEET NO.

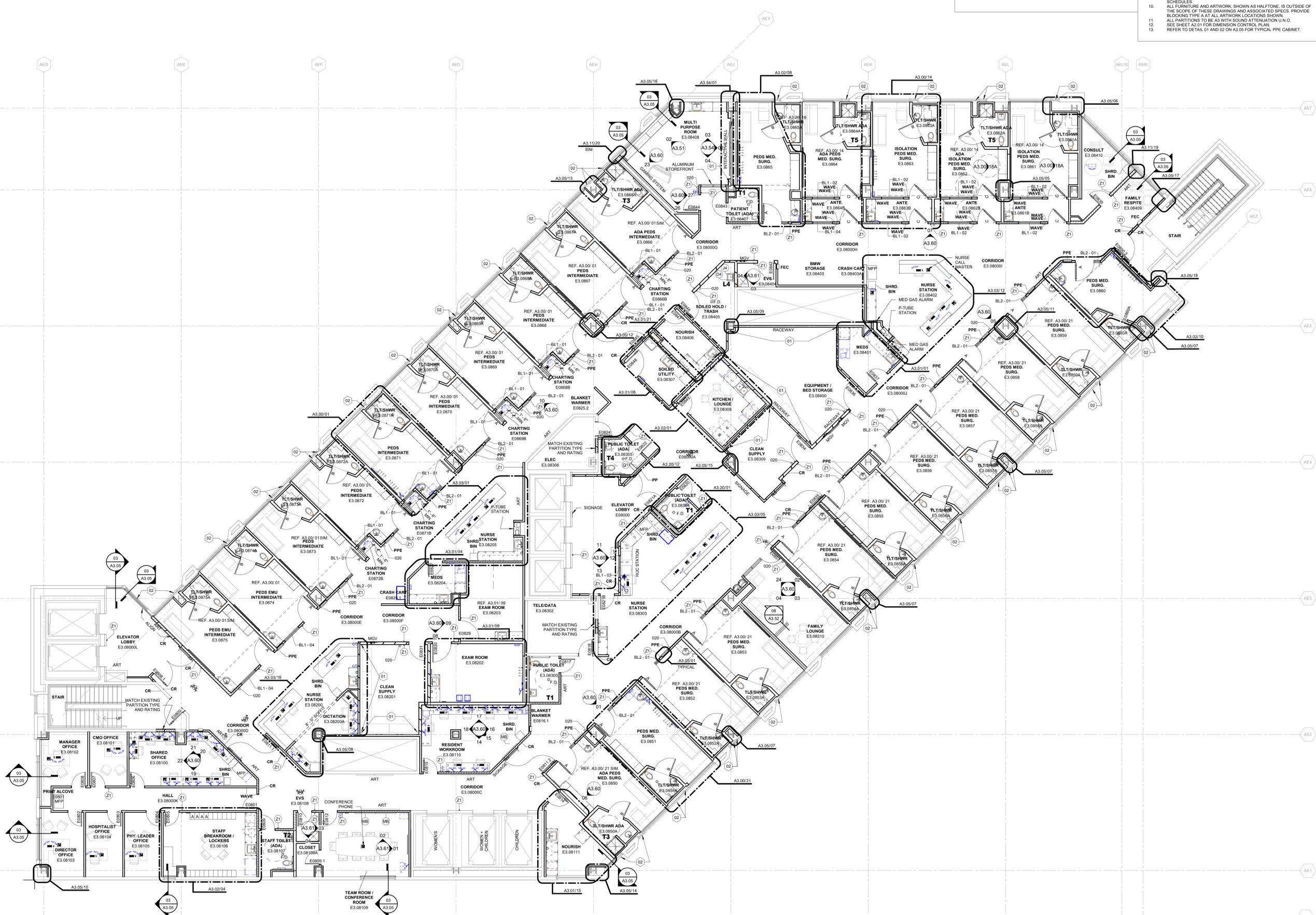
A2.02A

FLOOR PLAN KEYNOTES

- (01) PROVIDE BACKING IN INDICATED AREAS. REFER TO SHEET A3.11 FOR PARTITION MOUNTING DETAILS.
- (02) APPLY SPANDREL FILM TO MATCH BUILDING STANDARD.
- (SS) STAFF DUTY STATION - REFER TO ELEC DRAWINGS.
- PTS PNEUMATIC TUBE STATION TO MATCH BUILDING STANDARD.
- WAVE WAVE ACTIVATION FOR ASSOCIATED DOOR - REFER TO DOOR SCHEDULE.
- 020 WIPES - OFCI. REFER TO A3.24

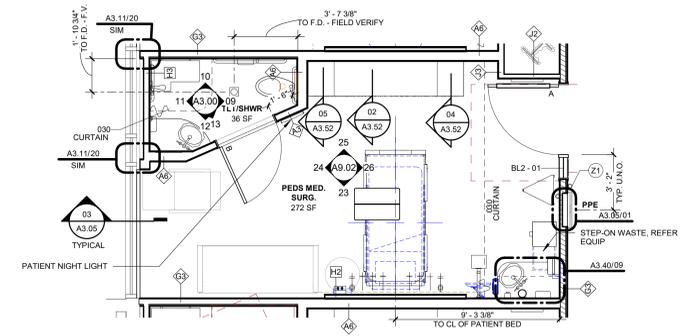
GENERAL NOTES - FLOOR PLAN

1. REFER TO SHEETS A3.00 THRU A3.03 FOR TYPICAL PATIENT ROOM INFORMATION.
2. REFER TO SHEET A3.10 FOR PARTITION TYPES, GRAPHIC AND SYMBOLIC DESIGNATIONS, NOTES, AND DETAILS.
3. REFER TO SHEET A3.20 FOR TYPICAL ADA TOILET LAYOUTS AND TOILET ACCESSORY MOUNTING DIAGRAMS.
4. REFER TO SHEET A3.25 FOR LOCKER TYPE SCHEDULE, AND MISC. EQUIPMENT ACCESSORIES.
5. REFER TO SHEET A3.30 - A3.31 FOR DOOR INFORMATION, SCHEDULES AND DETAILS.
6. REFER TO SHEET A3.40 FOR CASEWORK DETAILS AND INFORMATION.
7. REFER TO SHEET A3.00 FOR WALL PROTECTION TYPES AND DETAILS.
8. REFER TO SHEET A3.00-A3.01 FOR FINISH INFORMATION AND SCHEDULES.
9. ALL FURNITURE AND ARTWORK, SHOWN AS HALFTONE, IS OUTSIDE OF THE SCOPE OF THESE DRAWINGS AND ASSOCIATED SPECS. PROVIDE BLOCKING TYPE AT ALL ARTWORK LOCATIONS SHOWN.
10. ALL PARTITIONS TO BE A3 WITH SOUND ATTENUATION U.N.O.
11. SEE SHEET A2.01 FOR DIMENSION CONTROL PLAN.
12. REFER TO DETAIL 01 AND 02 OR A3.05 FOR TYPICAL PPE CABINET.



01 8TH FLOOR RENOVATION PLAN
1/8" = 1'-0"

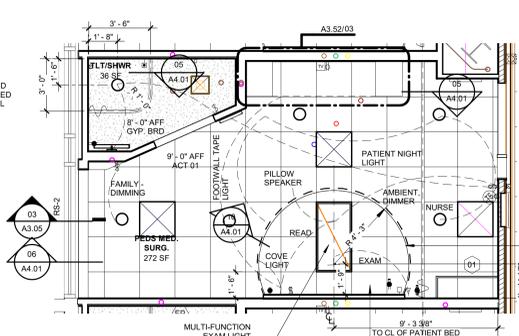
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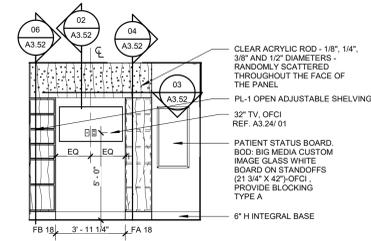
21 TYPICAL MED. SURG. PATIENT ROOM
1/4" = 1'-0"

ENLARGE PLAN / ELEVATION GENERAL NOTES:
1. REFER TO EQUIPMENT PLANS (QH SERIES) FOR OWNER PROVIDED EQUIPMENT.
2. REFER TO ACCESSORIES DESIGNATIONS AND MOUNTING INFORMATION ON SHEET A3.20 AND A3.24.
3. PROVIDE BLOCKING TYPE A AT ALL OWNER FURNISHED ARTWORK LOCATIONS.

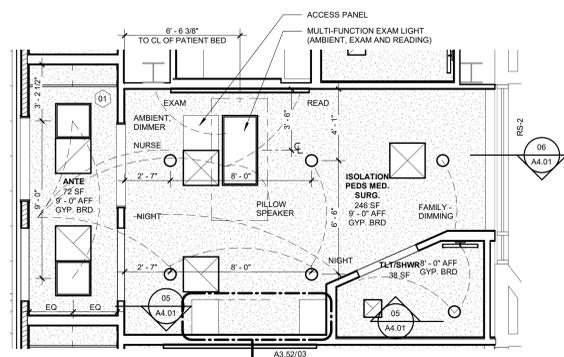
REFLECTED CEILING PLAN KEYNOTES
01 PLAM FASCIA ABOVE CASEWORK TO MEET CEILING. SOFT TO INCLUDE FRONT AND SIDE PANELS RETURNING TO WALL. REFER TO A3.40 FOR CASEWORK DETAILS.



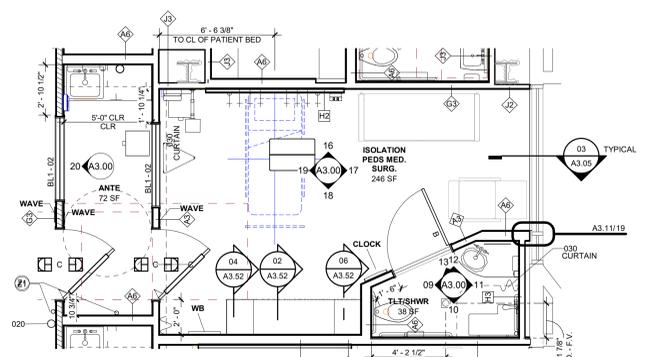
22 TYPICAL MED SURG PATIENT ROOM RCP
1/4" = 1'-0"



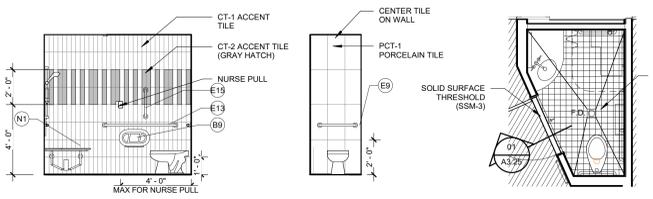
18A ISOLATION ROOM A-TYPICAL FOOTWALL
1/4" = 1'-0"



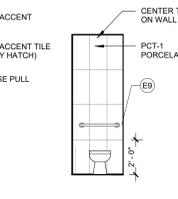
15 TYPICAL ISOLATION PATIENT ROOM RCP
1/4" = 1'-0"



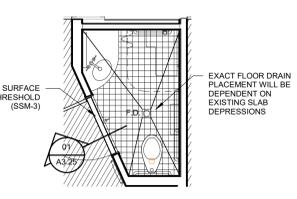
14 TYPICAL ISOLATION PATIENT ROOM
1/4" = 1'-0"



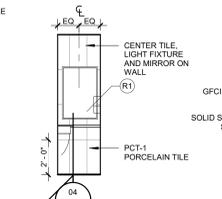
10 TLT - SOUTH
1/4" = 1'-0"



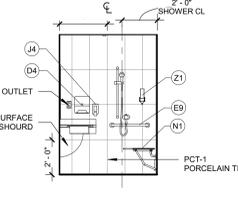
09 TLT - WEST
1/4" = 1'-0"



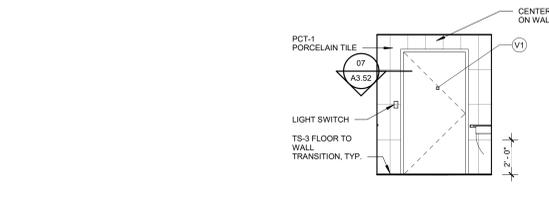
08 TYPICAL TLT/SHWR - FINISH PLAN
1/4" = 1'-0"



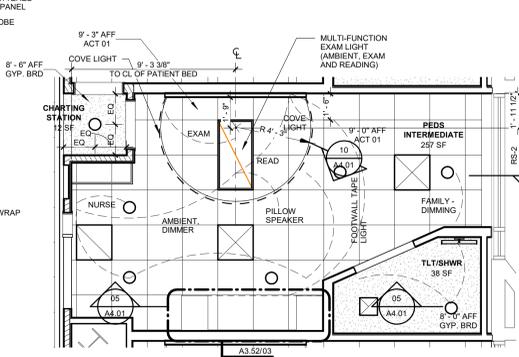
12 TLT - NORTH
1/4" = 1'-0"



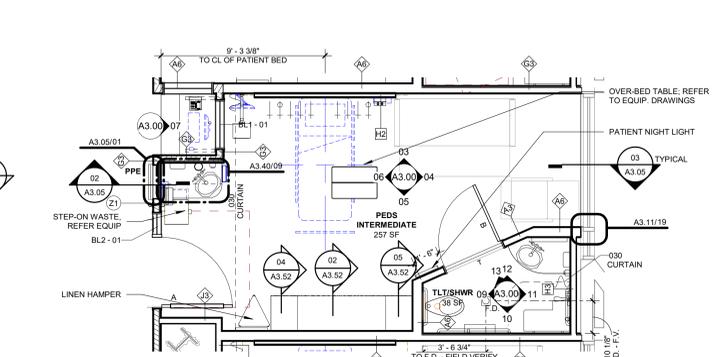
11 TLT - EAST
1/4" = 1'-0"



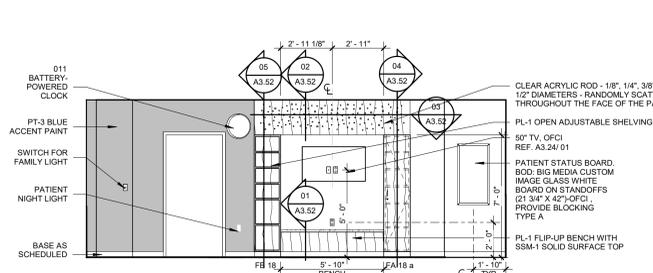
13 TLT - NORTHWEST
1/4" = 1'-0"



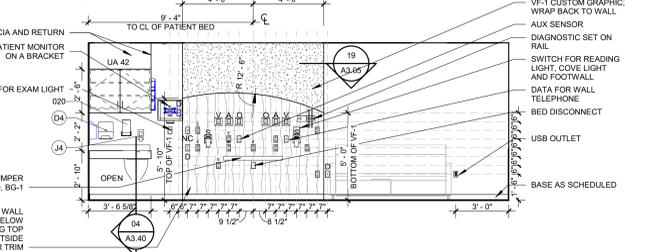
02 TYPICAL INTERMEDIATE PATIENT ROOM RCP
1/4" = 1'-0"



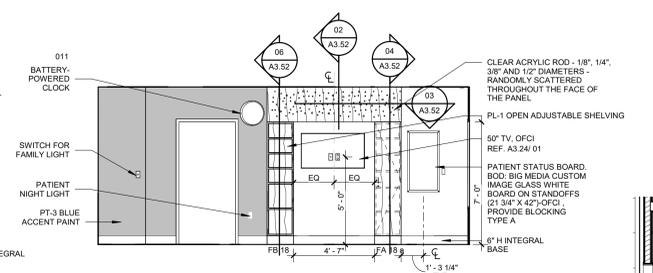
01 TYPICAL INTERMEDIATE PATIENT ROOM
1/4" = 1'-0"



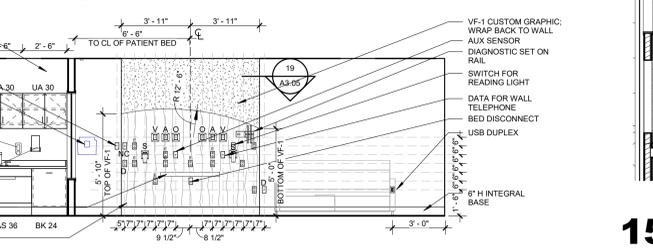
25 TYPICAL MED SURG PATIENT ROOM - FOOTWALL
1/4" = 1'-0"



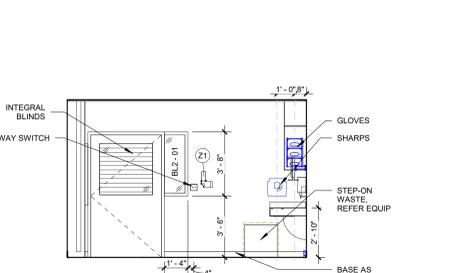
23 TYPICAL MED SURG PATIENT ROOM - HEADWALL
1/4" = 1'-0"



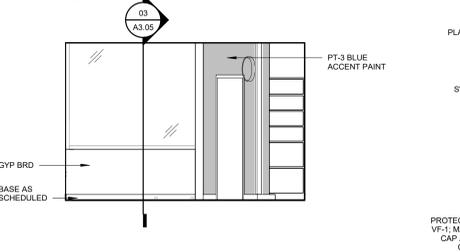
18 ISOLATION PATIENT ROOM - FOOTWALL
1/4" = 1'-0"



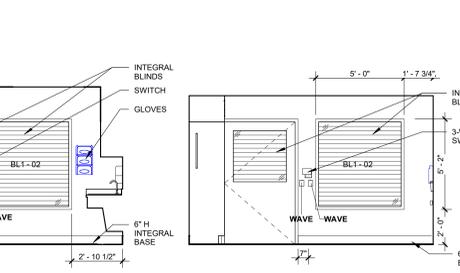
16 ISOLATION PATIENT ROOM - HEADWALL
1/4" = 1'-0"



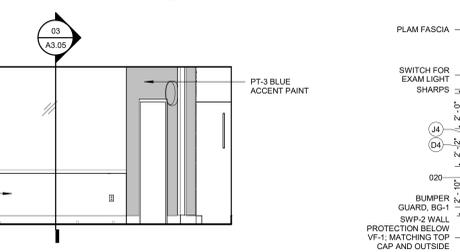
26 MED SURG - STAFF SIDE
1/4" = 1'-0"



24 MED SURG - FAMILY SIDE
1/4" = 1'-0"



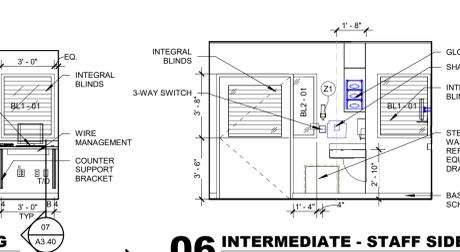
20 ISOLATION ANTE ROOM - WEST
1/4" = 1'-0"



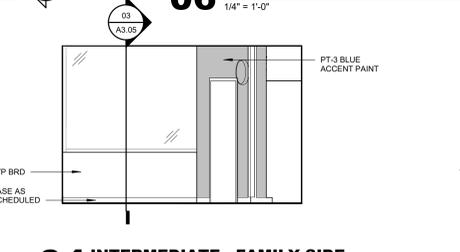
19 ISOLATION - STAFF SIDE
1/4" = 1'-0"



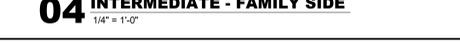
17 ISOLATION - FAMILY SIDE
1/4" = 1'-0"



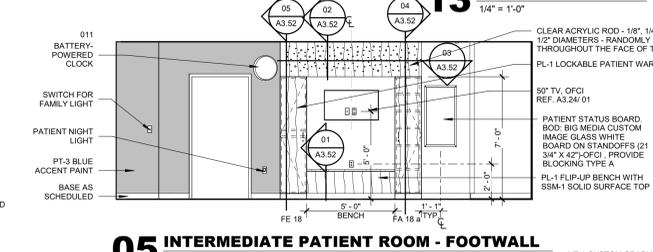
07 CHARTING
1/4" = 1'-0"



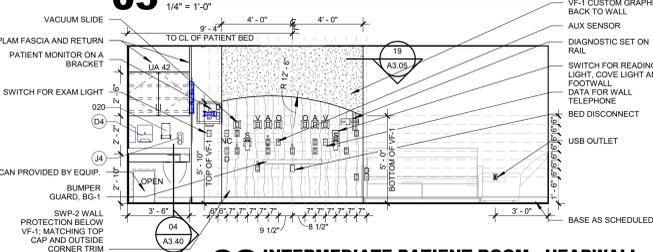
06 INTERMEDIATE - STAFF SIDE
1/4" = 1'-0"



04 INTERMEDIATE - FAMILY SIDE
1/4" = 1'-0"

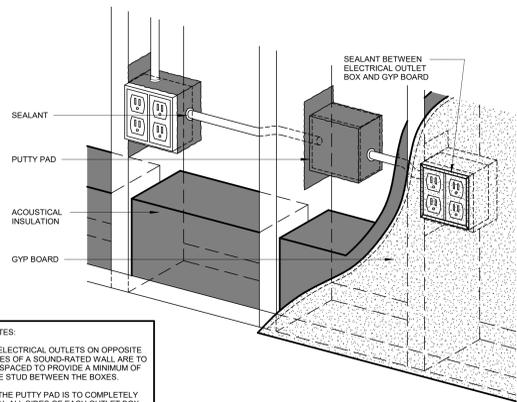


05 INTERMEDIATE PATIENT ROOM - FOOTWALL
1/4" = 1'-0"



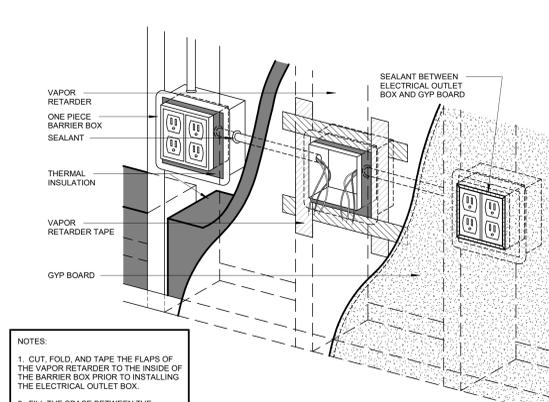
03 INTERMEDIATE PATIENT ROOM - HEADWALL
1/4" = 1'-0"

NOTES:
PUTTY PAD MUST BE FIRE RATED IN FIRE RATED PARTITIONS.



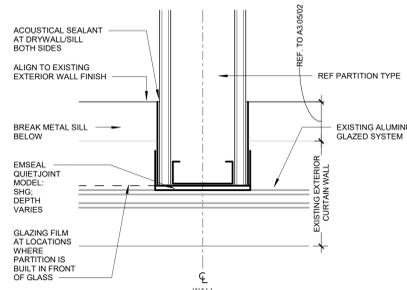
NOTES:
1. ELECTRICAL OUTLETS ON OPPOSITE SIDES OF A SOUND RATED WALL ARE TO BE SPACED TO PROVIDE A MINIMUM OF ONE STUD BETWEEN THE BOXES.
2. THE PUTTY PAD IS TO COMPLETELY SEAL ALL SIDES OF EACH OUTLET BOX.
3. WHERE PARTITIONS ARE SCHEDULED TO BE SOUND RATED PROVIDE ACOUSTICAL PUTTY PAD AT ALL OUTLET LOCATIONS.

ACOUSTICAL PUTTY PAD
SOUND ATTENUATION
22
1 1/2" = 1'-0"

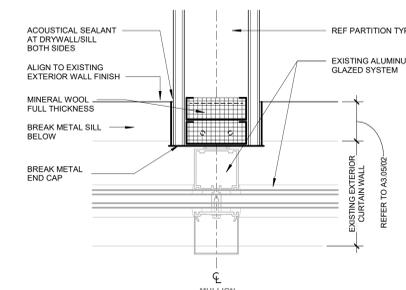


NOTES:
1. CUT, FOLD, AND TAPE THE FLAPS OF THE VAPOR RETARDER TO THE INSIDE OF THE BARRIER BOX PRIOR TO INSTALLING THE ELECTRICAL OUTLET BOX.
2. FILL THE SPACE BETWEEN THE ELECTRICAL OUTLET BOX AND THE BARRIER BOX WITH INSULATION.
3. REINFORCE AND SEAL EDGES OF THE BARRIER BOX TO THE VAPOR RETARDER.

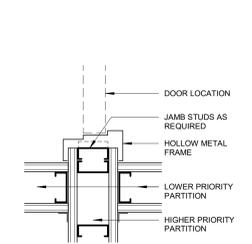
ONE PIECE BARRIER
BOX IN EXTERIOR WALL/
INTERIOR SIDE VAPOR RETARDER
21
1 1/2" = 1'-0"



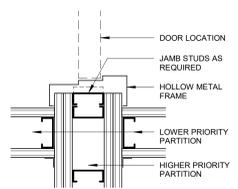
PLAN DETAIL AT PARTITION TO GLAZING
20
3" = 1'-0"



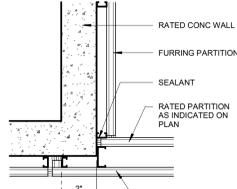
PLAN DETAIL AT PARTITION / MULLION
19
3" = 1'-0"



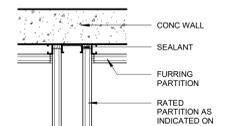
INTERSECTION AT CROSS
CORRIDOR DOOR ONE
HOUR RATED PARTITION
18
3" = 1'-0"



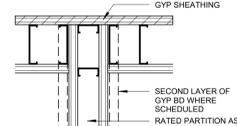
INTERSECTION AT CROSS
CORRIDOR DOOR TWO
HOUR RATED PARTITION
17
3" = 1'-0"



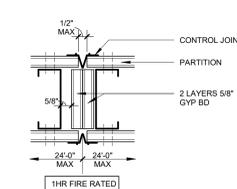
INTERSECTION AT RATED
PARTITION AT CONCRETE WALL
16
3" = 1'-0"



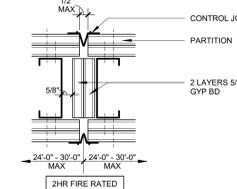
INTERSECTION AT RATED
PARTITION AT CONCRETE
15
3" = 1'-0"



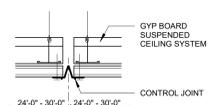
INTERSECTION AT RATED
PARTITION AT EXTERIOR WALL
14
3" = 1'-0"



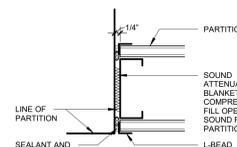
CONTROL JOINT AT
FIRE-RATED PARTITION
13
3" = 1'-0"



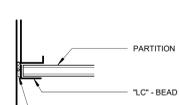
CONTROL JOINT AT
FIRE-RATED PARTITION
12
3" = 1'-0"



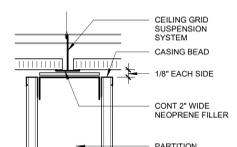
CONTROL JOINT FOR
GYPSUM BOARD CEILING
11
3" = 1'-0"



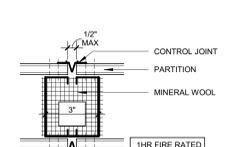
CONTROL JOINT AT
PARTITION INTERSECTION
CHANGE IN CONSTRUCTION
10
3" = 1'-0"



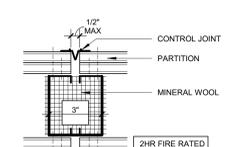
CONTROL JOINT AT PARTITION
NON-EXPOSED EDGE
09
3" = 1'-0"



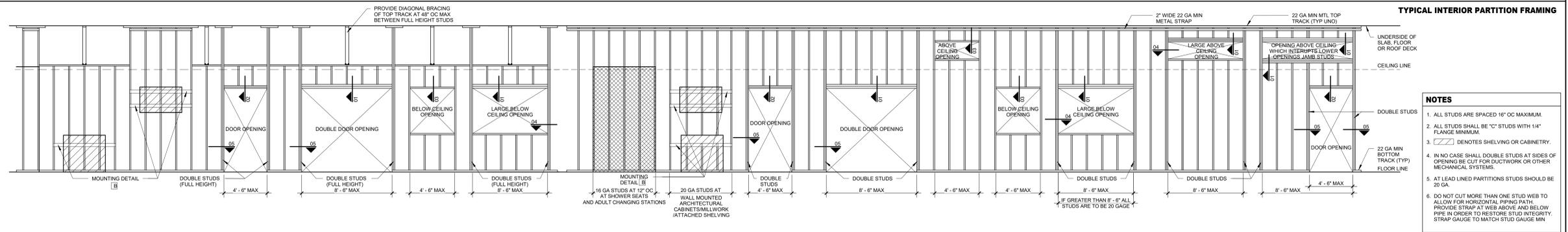
CONTROL JOINT AT
PARTITION ATTACHMENT
TO CEILING GRID
08
3" = 1'-0"



CONTROL JOINT AT
FIRE-RATED PARTITION
07
3" = 1'-0"

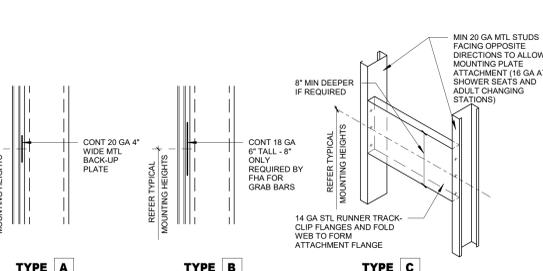


CONTROL JOINT AT
FIRE-RATED PARTITION
06
3" = 1'-0"

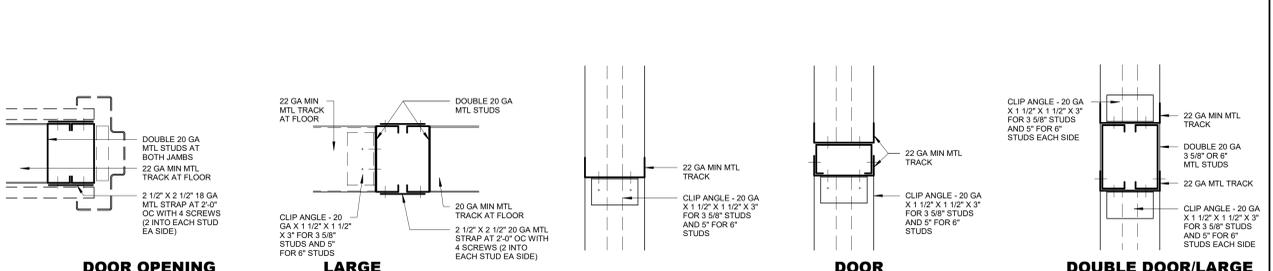


NOTES
1. ALL STUDS ARE SPACED 16\"/>

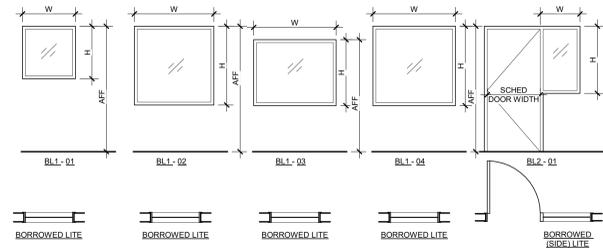
ACCESSORY/EQUIPMENT MOUNTING DETAILS



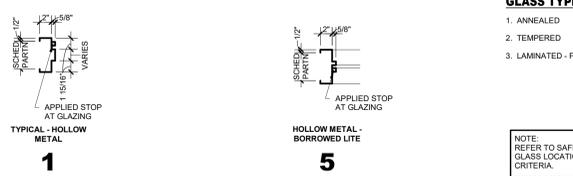
PARTITION FRAMING DETAILS



BORROWED LITES



DOOR AND BORROWED LITE FRAME TYPES SCALE: 1" = 1'-0"



GLASS TYPES

1. ANNEALED
2. TEMPERED
3. LAMINATED - FIRE RATED

NOTE: REFER TO SAFETY GLASS LOCATIONS CRITERIA.

BORROWED LITES SCHEDULE									
TYPE	MARK	HEIGHT	WIDTH	GLASS TYPE	FRAME TYPE	HEIGHT AFF	REMARKS	ELEVATION	
BLL	01	3'-8"	3'-0"	Glass-1	5	7'-2"	CHARTING ALCOVE WINDOW, INTEGRAL BLINDS	REF. A3.00.07	
BLL	02	5'-2"	5'-0"	Glass-2	5	7'-2"	ISOLATION ROOM WINDOW, INTEGRAL BLINDS	REF. A3.00.19	
BLL	03	3'-8"	5'-0"	Glass-3	5	7'-2"	FIRE RATED (1 HR) WINDOW AT HUC STATION	REF. A3.00.12	
BLL	04	3'-2"	4'-6"	Glass-2	5	7'-2"	ISOLATION ROOM / ENU WINDOW, INTEGRAL BLINDS	REF. A3.00.19	
BLZ	01	3'-8"	1'-6"	Glass-1	5	7'-2"	TYPICAL PATIENT ROOM WINDOW	REF. A3.00.06	

- (1) HEIGHT AFF IS TO ALIGN WITH TOP OF ADJACENT DOOR FRAMES UNO.
- (2) MAXIMUM DIMENSION IS 8' - 0".
- (3) THE MAXIMUM AREA OF ANY SINGLE PANE OF WIRE GLASS IS 1296 SQ IN.
- (4) REFER TO 09/A3.35 FOR INTEGRAL BLINDS.

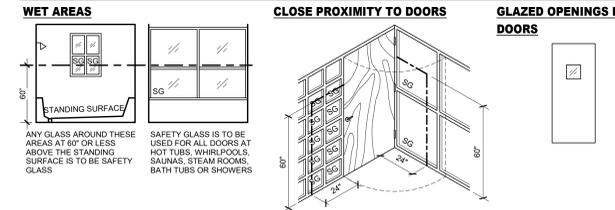
SAFETY GLASS LOCATIONS

NOTE: NOT ALL CONDITIONS SHOWN BELOW ARE APPLICABLE TO THE SCOPE OF WORK.

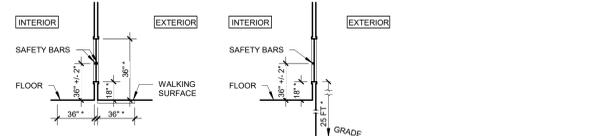
GLASS SCHEDULE

GLASS PRODUCT SCHEDULE FOR WALLS AND DOORS									
GLASS TYPE	SAFETY	TEMPERED	ANNEALED	WIRE	TEMPERED	LAMINATED	FIRE-RATED	PRE-RATED	
NP - NOT PERMITTED	*	NOT ALLOWED AT SHOWER ENCLOSURES							
A - ACCEPTABLE									
NR - NOT RECOMMENDED									
FIRE-RATED	SAFETY NOT REQUIRED	NP	A	NP	NP	NP	A		
SAFETY REQUIRED	NP	NP	NP	A	A	A	NR		
NON-FIRE-RATED	SAFETY NOT REQUIRED	A	A	A	A	A	NR		
SAFETY REQUIRED	NP	NP	*	A	A	NR			

SAFETY GLAZING (SG) IS REQUIRED FOR



GLAZED OPENINGS IN PARTITIONS



SAFETY GLASS IS REQUIRED WHEN ALL OF THE FOLLOWING CONDITIONS ARE PRESENT:
 * TOP OF GLAZING IS GREATER THAN / EQUAL 36" AFF
 * AREA OF SINGLE PANE > 9 SF
 * BOTTOM OF GLAZING IS LESS THAN / EQUAL 18" AFF
 * WALKING SURFACE IS LOCATED WITHIN 36" OF ONE OR BOTH SIDES
 EXCEPTION: GLASS DOES NOT NEED TO BE SAFETY GLASS WHEN 1 1/2" SAFETY BAR IS INSTALLED WHERE WALKING SURFACE IS WITHIN 36" OF GLASS

SAFETY GLASS IS REQUIRED FOR INTERIOR LITE WHEN BOTTOM OF GLAZING IS LESS THAN / EQUAL 18" AFF
 EXCEPTION: INTERIOR LITE DOES NOT NEED TO BE SAFETY GLASS WHEN 1 1/2" SAFETY BAR IS INSTALLED ABOVE GRADE

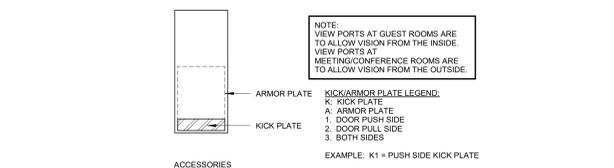
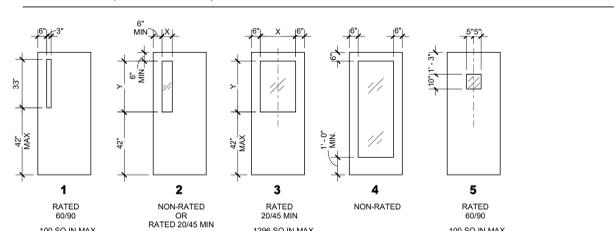
SAFETY GLASS IS REQUIRED FOR EXTERIOR LITE EXCEPT WHEN THE BOTTOM OF THE GLAZING IS GREATER THAN / EQUAL 25 FT ABOVE GRADE

DOOR LEGEND

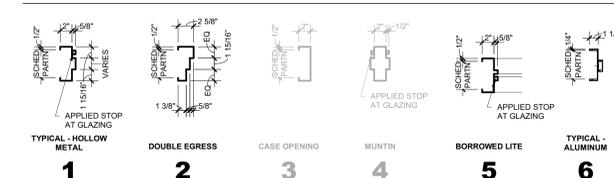
DOOR NOTES

1. CONTRACTORS TO USE THE ARCHITECT'S FLOOR PLAN DESIGNATION DOOR NUMBER IN ADDITION TO THE ROOM NUMBER ON ALL SHOP DRAWING SCHEDULE SUBMITTALS.

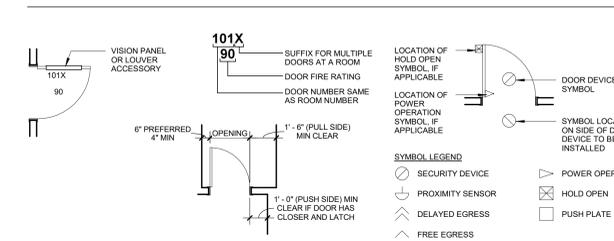
VISION PANELS, LOUVER TYPES, AND ACCESSORIES



DOOR FRAME TYPES



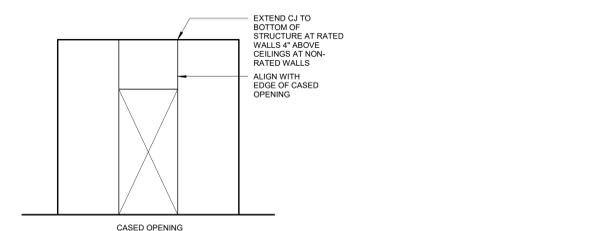
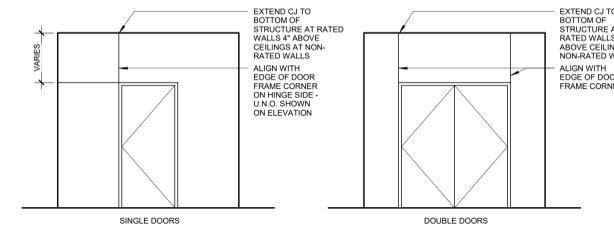
DOOR PLAN DESIGNATION



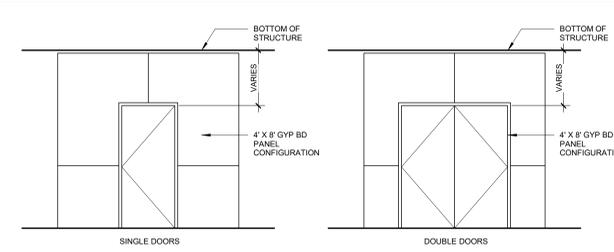
DOOR OPENING LOCATION

A. DOORS SHOWN ADJACENT TO A FLANKING WALL OR OTHER FIXED OBSTRUCTION, SHALL BE LOCATED AS SHOWN ABOVE.
 B. OTHER LOCATIONS SHALL BE ON CENTERLINE OF ROOM OR AS SPECIFICALLY DIMENSIONED.

CONTROL JOINT AT DOOR FRAMES



GYPSON BD CONFIGURATION AT DOORS

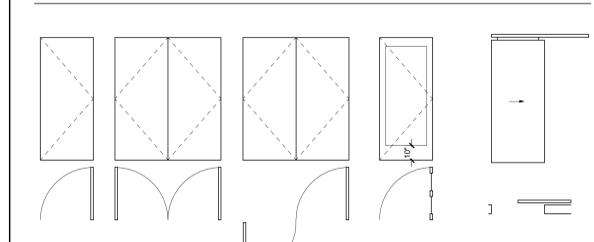


DOOR LEGEND

GENERAL DOOR NOTES

1. CONTRACTORS TO USE THE ARCHITECT'S FLOOR PLAN DESIGNATION DOOR NUMBER IN ADDITION TO THE ROOM NUMBER ON ALL SHOP DRAWING SCHEDULE SUBMITTALS.
 2. REFER TO A3.00 FOR DOOR AND FRAME FINISH.
 3. REFER TO FLOOR PLAN FOR EXACT CARD READER, WAVE AND PUSH-PAD LOCATIONS.

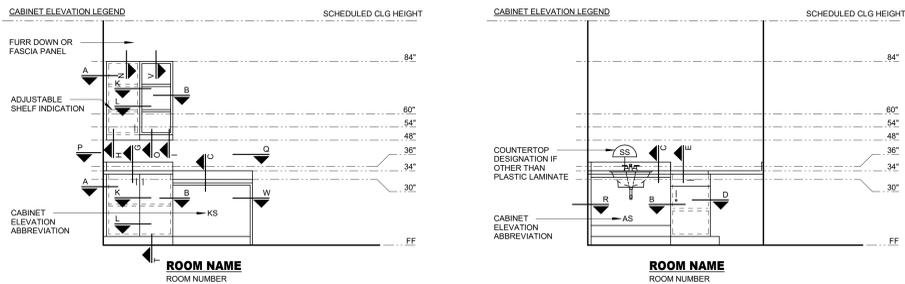
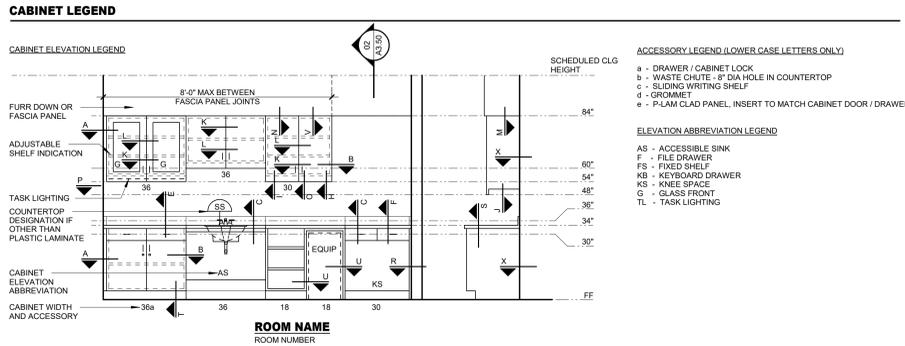
DOOR TYPES



DOOR NUMBER	WIDTH	HEIGHT	DOOR TYPE	MATERIALS AND FINISHES		DOOR RATING	DETAILS		DOOR SCHEDULE		FUNCTION	DOOR NUMBER					
				FRAME MATERIAL	FRAME MATERIAL		HEAD	JAMB	VISION PANEL & LOUVER TYPE	ARMOR PLATE			POWER OPERATOR	HOLD OPEN	HARDWARE		
Level B																	
A	By 4'-0"	7'-0"	BY	A1	1	WDGL	HM	SMOKE	A3.3501	A3.3502	3	Yes	No	No	No	403SC TYPICAL PATIENT ROOM DOOR, PASSAGE SET, INTEGRAL BLINDS	A
B	6'-0"	7'-0"	MFR	A1	1	WD	HM		A3.3501	A3.3502	-	No	No	No	No	307 TYPICAL PATIENT TOILET DOOR, OVERHEAD STOP, PRIVACY LOCK	B
C	4'-0"	7'-0"	A1	1	WDGL	HM	SMOKE		A3.3501	A3.3502	3	No	No	Yes	No	423SC TYPICAL ISOLATION ROOM DOOR, PASSAGE SET, INTEGRAL BLINDS	C
E3.0960A	3'-0"	7'-0"	A1	1	WD	HM			A3.3517	A3.3518	-	No	No	No	No	PATIENT TOILET DOOR, OVERHEAD STOP, PRIVACY LOCK	E3.0960A
E800.1	4'-0"	7'-0"	A1	1	HM	HM	90 MIN.		A3.3501	A3.3502	2	No	No	No	No	CX711 STAIR DOOR - EXIT ONLY (ALARM SOUNDS), CARD READER IN AND OUT	E800.1
E800.2	4'-0"	7'-0"	A1	1	HM	HM	90 MIN.		A3.3501	A3.3502	5	No	No	No	No	CX711 STAIR DOOR - EXIT ONLY (ALARM SOUNDS), CARD READER IN AND OUT	E800.2
E801	3'-0"	7'-0"	A1	1	WDGL	HM	SMOKE		A3.3501	A3.3502	4	No	No	No	No	401 CARD READER IN	E801
E802	3'-0"	7'-0"	A1	1	WDGL	HM			A3.3501	A3.3502	-	No	No	No	No	K903 OFFICE TYPE, KEYPAD	E802
E803	3'-0"	7'-0"	A1	1	WDGL	HM			A3.3501	A3.3502	-	No	No	No	No	K903 OFFICE TYPE, KEYPAD	E803
E804	3'-0"	7'-0"	A1	1	WDGL	HM			A3.3501	A3.3502	-	No	No	No	No	K903 OFFICE TYPE, KEYPAD	E804
E805	3'-0"	7'-0"	A1	1	WDGL	HM			A3.3501	A3.3502	3	No	No	No	No	403 PASSAGE SET	E805
E806	3'-0"	7'-0"	A1	1	WDGL	HM			A3.3501	A3.3502	3	No	No	No	No	K903 OFFICE TYPE, KEYPAD	E806
E807	3'-0"	7'-0"	A1	1	WDGL	HM			A3.3501	A3.3502	-	No	No	No	No	K903 OFFICE TYPE, KEYPAD	E807
E808	3'-0"	7'-0"	A1	1	WDGL	HM			A3.3501	A3.3502	-	No	No	No	No	K903 OFFICE TYPE, KEYPAD	E808
E808.1	8'-0"	7'-0"	A2	1	WDGL	HM	45 MIN.		A3.3501	A3.3502	2	No	No	Yes	No	1 RESTRICTED ACCESS TO ELEVATOR, CARD READER IN AND OUT	E808.1
E809	3'-0"	7'-0"	A1	1	WD	HM	SMOKE		A3.3501	A3.3502	-	No	No	No	No	301 PUBLIC / STAFF TOILET, PRIVACY LOCK	E809
E809.1	3'-0"	7'-0"	A1	1	WD	HM	SMOKE		A3.3501	A3.3502	-	No	No	No	No	403 PASSAGE SET	E809.1
E810	3'-0"	7'-0"	A1	1	WD	HM	SMOKE		A3.3501	A3.3502	-	No	No	No	No	K901 EVS, KEYPAD	E810
E811.1	7'-8"	7'-0"	A4	2	WDGL	HM	SMOKE		A3.3504	A3.3503	2	No	No	Yes	Yes	AC720 CROSS-CORRIDOR DOOR - LOCKDOWN CAPABLE, CARD READER IN AND OUT	E811.1
E811.2	7'-8"	7'-0"	A4	2	WDGL	HM	SMOKE		A3.3504	A3.3503	2	No	No	Yes	Yes	AC720 CROSS-CORRIDOR DOOR - LOCKDOWN CAPABLE, CARD READER IN AND OUT	E811.2
E812	3'-0"	7'-0"	A1	1	WDGL	HM	SMOKE		A3.3501	A3.3502	2	No	No	No	No	401 PASSAGE SET	E812
E814	3'-0"	7'-0"	A1	1	WDGL	HM	SMOKE		A3.3501	A3.3502	2	No	No	No	No	K901 MED / SOILED / CLEAN / NOURISH / EQUIP - KEYPAD	E814
E815	3'-0"	7'-0"	A1	1	WDGL	HM	SMOKE		A3.3501	A3.3502	3	No	No	No	No	401 PASSAGE SET	E815
E817	3'-0"	7'-0"	A1	1	WD	HM	SMOKE		A3.3501	A3.3502	-	No	No	No	No	301 PUBLIC / STAFF TOILET, PRIVACY LOCK	E817
E818	3'-0"	7'-0"	A1	1	HM	HM	90 MIN.		A3.3501	A3.3502	5	No	No	No	No	C201 DATA CLOSET, CARD READER IN	E818
E820	3'-0"	7'-0"	A1	1	WD	HM	SMOKE		A3.3501	A3.3502	-	No	No	No	No	301 PUBLIC / STAFF TOILET, PRIVACY LOCK	E820
E821A	7'-4"	7'-0"	A2	1	WDGL	HM	45 MIN.		A3.3501	A3.3502	2	No	No	No	No	C2904 REMOTE RELEASE FROM HUC STATION	E821A
E821B	3'-0"	7'-0"	A1	1	WD	HM	45 MIN.		A3.3501	A3.3502	-	No	No	No	No	C201 PANIC, EXIT ONLY, REMOTE RELEASE FROM HUC STATION, CARD READER OUT, ACROVYN DOOR - 1 SIDE TO RECEIVE CUSTOM PRINTED GRAPHIC ART <SWP-3>, OTHER SIDE TO RECEIVE <SWP-2>	E821B
E822	3'-0"	7'-0"	A1	1	WD	HM	SMOKE		A3.3501	A3.3502	-	No	No	No	No	301 PUBLIC / STAFF TOILET, PRIVACY LOCK	E822
E824	3'-0"	7'-0"	A1	1	HM	HM	90 MIN.		A3.3501	A3.3502	5	Yes	No	No	No	201 ELEC ROOM - STOREROOM LOCKSET	E824
E827	3'-0"	7'-0"	A1	1	WDGL	HM	SMOKE		A3.3501	A3.3502	3	No	No	No	No	K907 MED / SOILED / CLEAN / NOURISH / EQUIP - KEYPAD	E827
E829	4'-0"	7'-0"	A1	1	WD	HM	SMOKE		A3.3501	A3.3502	-	No	No	No	No	403 PASSAGE SET, EXAM ROOM, ACROVYN DOOR - CORRIDOR SIDE TO RECEIVE CUSTOM PRINTED GRAPHIC ART <SWP-3>, OTHER SIDE TO RECEIVE <SWP-2>	E829
E830	4'-0"	7'-0"	A1	1	WD	HM	SMOKE		A3.3501	A3.3502	-	No	No	No	No	403 PASSAGE SET, EXAM ROOM, ACROVYN DOOR - CORRIDOR SIDE TO RECEIVE CUSTOM PRINTED GRAPHIC ART <SWP-3>, OTHER SIDE TO RECEIVE <SWP-2>	E830
E831	3'-6"	7'-0"	A1	1	WDGL	HM	45 MIN.		A3.3501	A3.3502	2	No	No	No	No	K901 MED / SOILED / CLEAN / NOURISH / EQUIP - KEYPAD	E831
E834	4'-0"	7'-0"	A1	1	WDGL	HM	45 MIN.		A3.3501	A3.3502	2	No	No	No	No	K901 MED / SOILED / CLEAN / NOURISH / EQUIP - KEYPAD	E834
E835	7'-8"	7'-0"	A4	2	WDGL	HM	45 MIN.		A3.3504	A3.3503	2	No	No	Yes	Yes	AC720 CROSS-CORRIDOR DOOR - LOCKDOWN CAPABLE, CARD READER IN AND OUT	E835
E836	4'-0"	7'-0"	A1	1	WDGL	HM	45 MIN.		A3.3501	A3.3502	2	No	No	No	No	K901 MED / SOILED / CLEAN / NOURISH / EQUIP - KEYPAD	E836
E837	3'-0"	7'-0"	A1	1	WDGL	HM	SMOKE		A3.3501	A3.3502	3	No	No	No	No	K907 MED / SOILED / CLEAN / NOURISH / EQUIP - KEYPAD	E837
E839	3'-0"	7'-0"	A1	1	WDGL	HM	SMOKE		A3.3501	A3.3502	2	No	No	No	No	K903 OFFICE TYPE, KEYPAD	E839
E842	3'-6"	7'-0"	A1	1	WD	HM	SMOKE		A3.3501	A3.3502	-	No	No	No	No	K901 EVS, KEYPAD	E842
E843	3'-0"	7'-0"	A1	1	WD	HM	SMOKE		A3.3501	A3.3502	-	No	No	No	No	301 PUBLIC / STAFF TOILET, PRIVACY LOCK	E843
E844	3'-4"	7'-0"	A1	1	WDGL	HM	SMOKE		A3.3501	A3.3502	4	No	No	No	No	401 PASSAGE SET	E844
E845	7'-8"	7'-0"	A4	2	WDGL	HM	45 MIN.		A3.3504	A3.3503	2	No	No	Yes	Yes	AC720 CROSS-CORRIDOR DOOR - LOCKDOWN CAPABLE, CARD READER IN AND OUT	E845
E846	4'-0"	7'-0"	A1	1	WDGL	HM	45 MIN.		A3.3501	A3.3502	2	No	Yes	No	No	K901 MED / SOILED / CLEAN / NOURISH / EQUIP - KEYPAD	E846
E847	3'-0"	7'-0"	A1	1	WDGL	HM	SMOKE		A3.3501	A3.3502	2	No	No	No	No	K901 MED / SOILED / CLEAN / NOURISH / EQUIP - KEYPAD	E847
E848	4'-0"	7'-0"	A1	1	WDGL	HM	45 MIN.		A3.3501	A3.3502	2	No	Yes	No	No	K901 MED / SOILED / CLEAN / NOURISH / EQUIP - KEYPAD	E848
E849	3'-0"	7'-0"	A1	1	WDGL	HM	SMOKE		A3.3501	A3.3502	3	No	No	No	No	401 PASSAGE SET	E849
E867	3'-0"	7'-0"	C1	6	ALGL	AL	SMOKE		A3.3512	A3.3511 OR A3.3513	-	No	No	No	No	401A PASSAGE SET, INTEGRATED STOREFRONT SYSTEM, REFER A3.00.04	E867

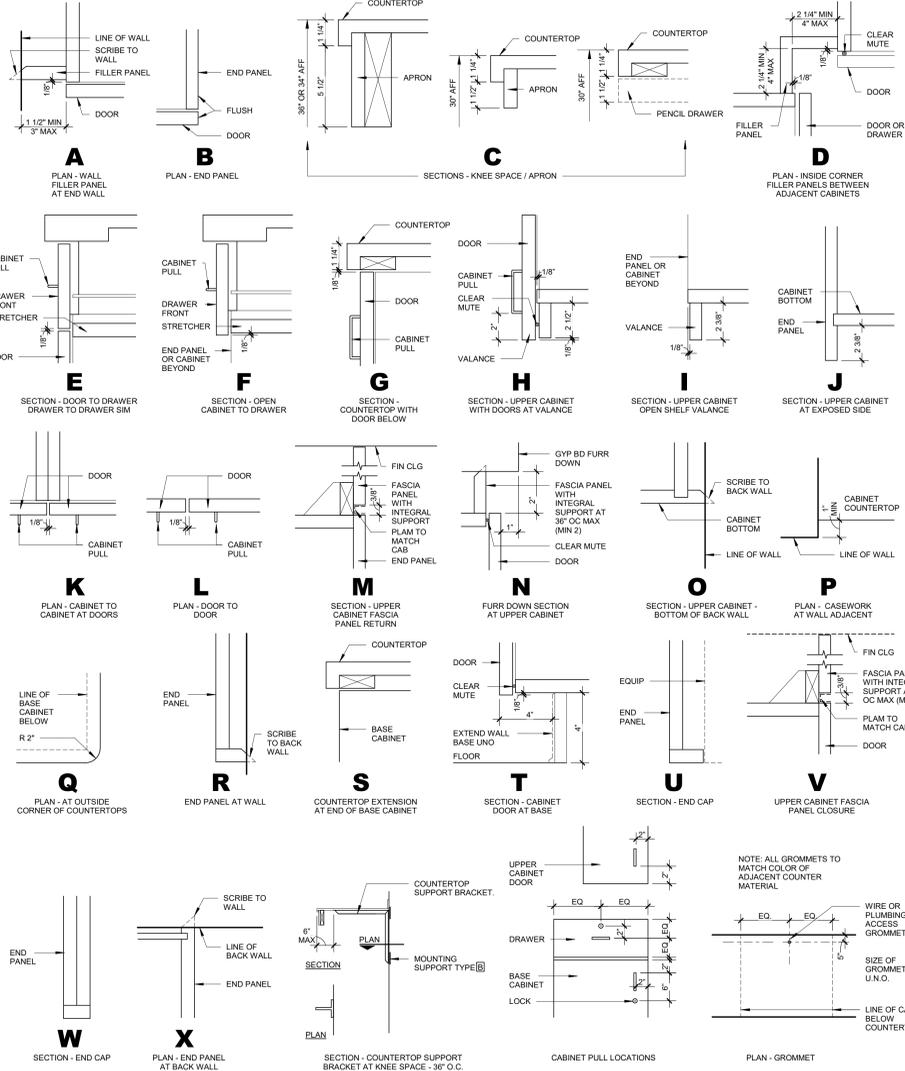


ARCHITECT
 HKS, INC.
 999 18TH STREET, SUITE 2255 NORTH TOWER
 DENVER, CO 80202



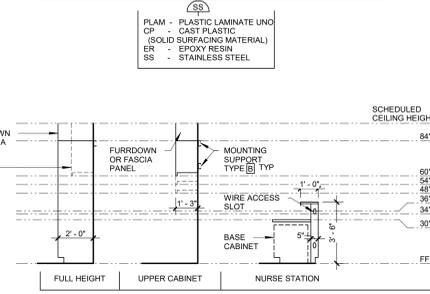
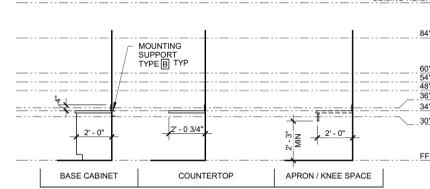
- ### CABINET GENERAL NOTES
- CABINET WIDTHS TO BE BASED ON MODULE INCREMENTS OF 3" UNO.
 - PROVIDE FILLER PANELS TO FINISH OUT TO SCRIBE CABINETS TO WALL.
 - PROVIDE FILLER PANELS AND TRIM WHERE EQUIPMENT IS LOCATED WITHIN CABINETS.
 - PROVIDE FINISHED END PANELS END RETURNS AT OPEN ENDED CABINETS, KNEE SPACES, AND ACCESSIBLE SINKS.
 - PROVIDE 1 1/2" THICK FINISHED END PANEL AT FREE STANDING END OF ACCESSIBLE SINKS AND KNEE SPACES.
 - WHEN FILLER PANELS ARE REQUIRED AT BOTH ENDS OF CASEWORK TERMINATION, BOTH FILLER PANELS SHALL BE EQUAL WIDTH.
 - PROVIDE WALL BRACKET SUPPORTS AT 36" OC MAX TO SUPPORT COUNTERTOP AT CONTINUOUS KNEE SPACE.
 - PROVIDE END SPLASH WHEN COUNTERTOP IS ADJACENT TO WALL AT SIDES.
- PROVIDE HOLES FOR GROMMETS IN COUNTERTOPS AND AT THE FOLLOWING LOCATIONS:
 - 1 EACH WIRE ACCESS HOLE WITH GROMMET AT KNEE SPACE.
 - 1 WIRE ACCESS HOLES WITH GROMMETS AT 36" OC FOR CONTINUOUS RUNS OF KNEE SPACE.
 - 1 WIRE ACCESS GROMMET BEHIND EACH KEYBOARD DRAWER.
 - 1 PLUMBING ACCESS HOLE WITH GROMMET AT ICE MACHINE LOCATIONS.
 - PROVIDE ADJUSTABLE SHELVES IN CABINETS AT THE FOLLOWING LOCATIONS UNO ON ELEVATIONS:
 - BASE CABINET - 1 SHELF
 - FULL HEIGHT CABINET - 5 SHELVES, 1 FIXED
 - WALL CABINET - 1 SHELF AT 24" HIGH, 2 SHELVES AT TALLER CABINETS
 - NOTE: SHELVES TO BE 3/4" THICK FOR SPANS UP TO 32" AND 1" THICK FOR SPANS UP TO 36".
 - GLASS FRONTS TO BE 1/4" THICK CLEAR TEMPERED GLASS UNO.
 - PROVIDE AN APRON AT ALL KNEE SPACES 30" OR HIGHER UNO.

ARCHITECTURAL CABINET TYPICAL DETAILS

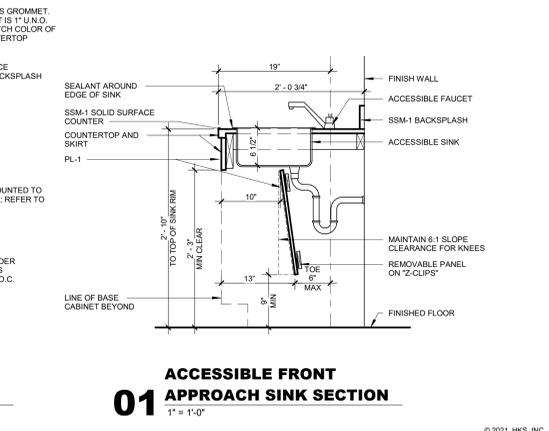
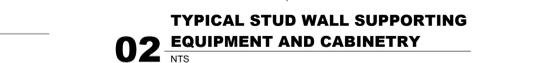
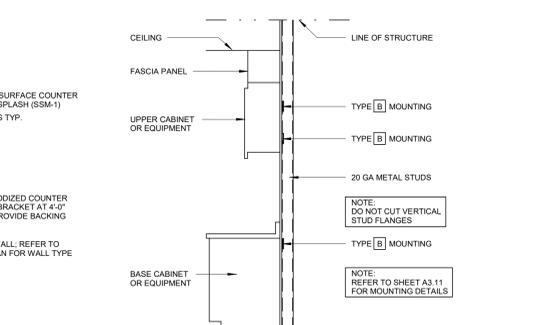
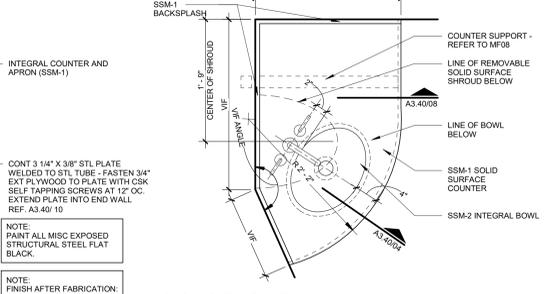
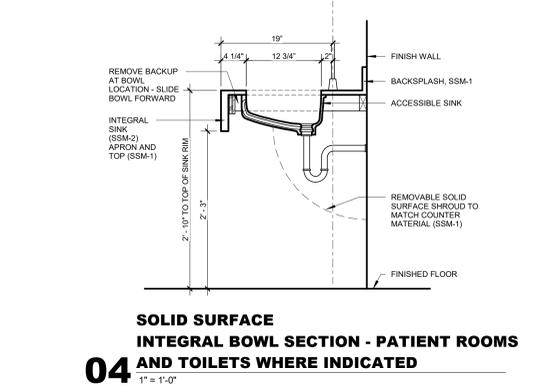
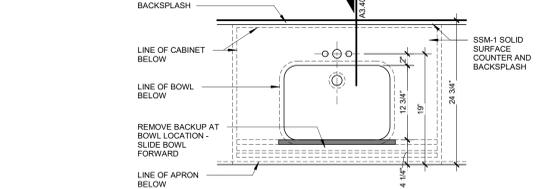
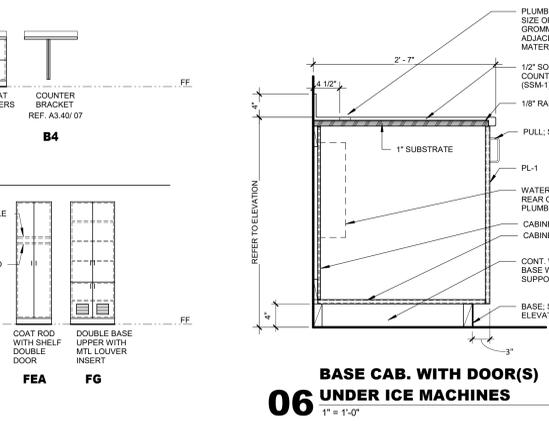
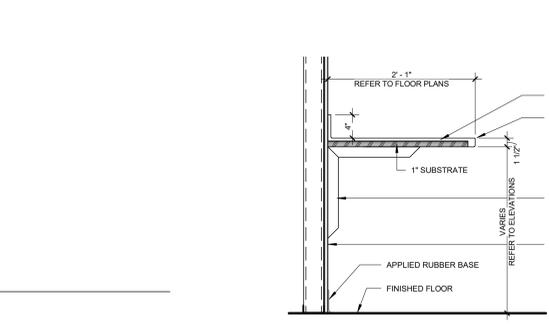
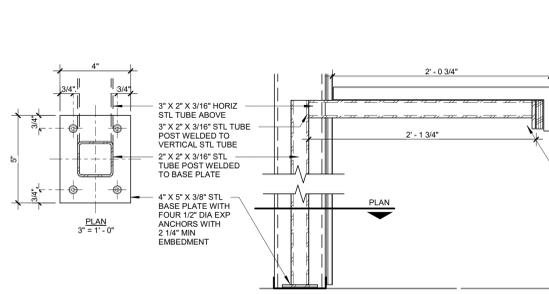
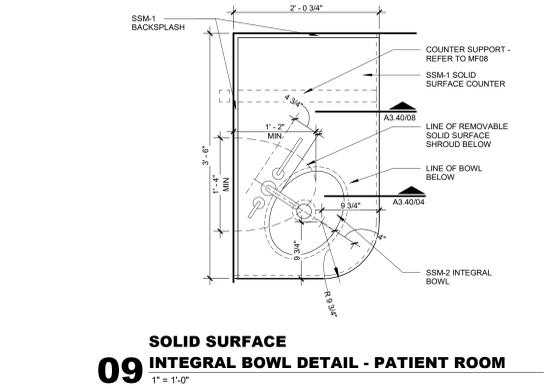
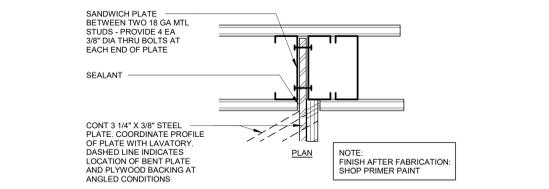
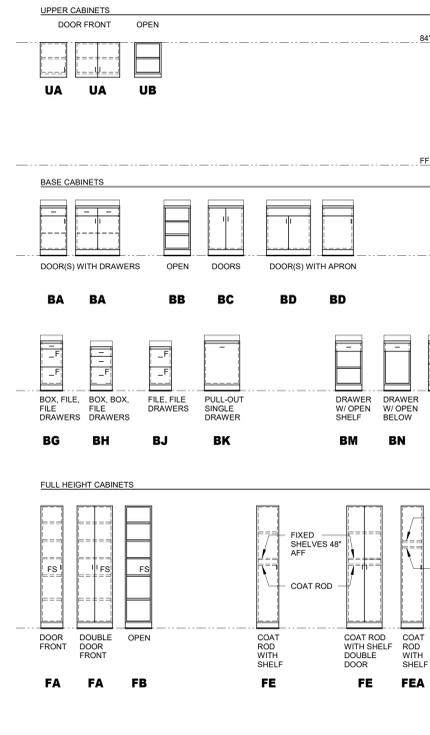


TYPICAL CABINET DIMENSIONS

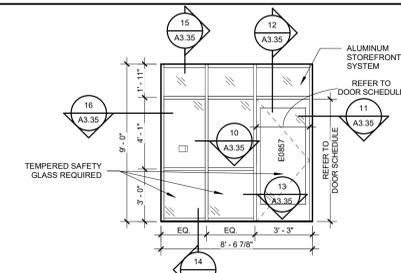
NOTE: ALL CABINET DIMENSIONS GIVEN ARE NOMINAL.



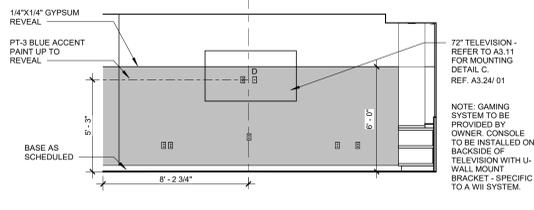
CABINET TYPES



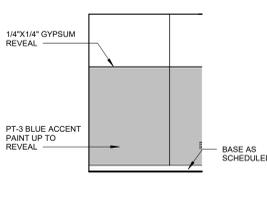
ENLARGE PLAN / ELEVATION GENERAL NOTES:
1. REFER TO EQUIPMENT PLANS (Q SERIES) FOR OWNER PROVIDED EQUIPMENT.
2. REFER TO ACCESSORIES DESIGNATIONS AND MOUNTING INFORMATION ON SHEET A3.20 AND A3.24.
3. PROVIDE BLOCKING TYPE A AT ALL OWNER FURNISHED ARTWORK LOCATIONS.



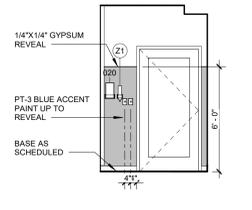
24 FAMILY LOUNGE STOREFRONT
1/4" = 1'-0"



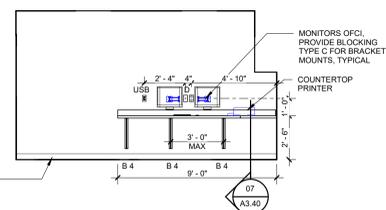
23 PLAYROOM-SOUTHWEST
1/4" = 1'-0"



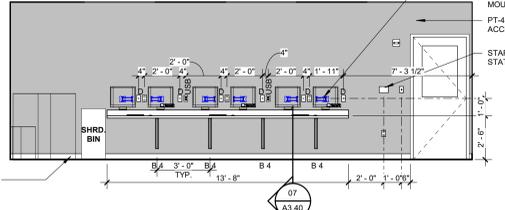
26 PLAYROOM - SOUTH
1/4" = 1'-0"



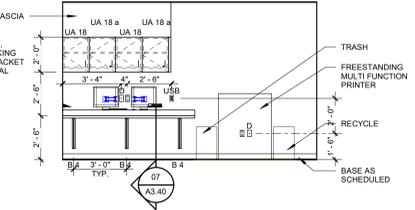
27 PLAYROOM - EAST
1/4" = 1'-0"



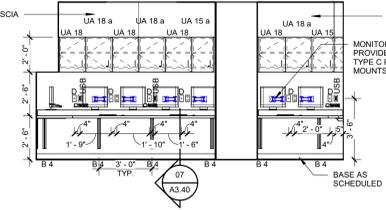
18 RESIDENT WORKROOM - WEST
1/4" = 1'-0"



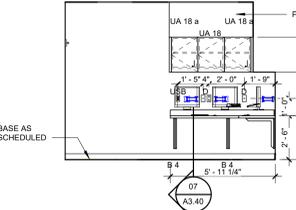
19 SHARED OFFICE - SOUTH
1/4" = 1'-0"



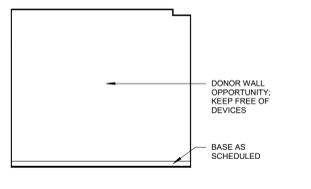
20 SHARED OFFICE - NORTHEAST
1/4" = 1'-0"



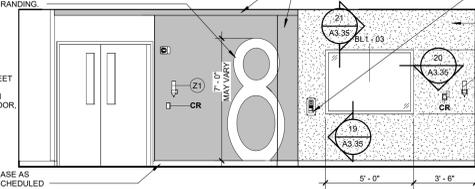
21 SHARED OFFICE - NORTH
1/4" = 1'-0"



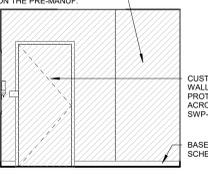
22 SHARED OFFICE - WEST
1/4" = 1'-0"



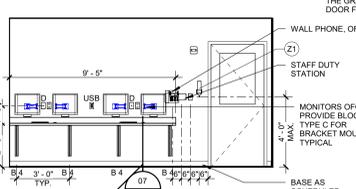
11 ELEV LOBBY - NORTH
1/4" = 1'-0"



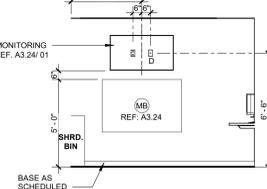
12 ELEV LOBBY - EAST
1/4" = 1'-0"



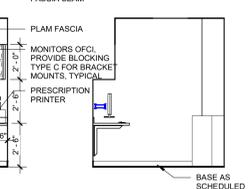
13 ELEV LOBBY - SOUTH
1/4" = 1'-0"



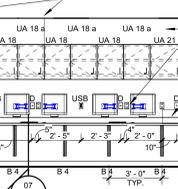
14 RESIDENT WKRM - SOUTH
1/4" = 1'-0"



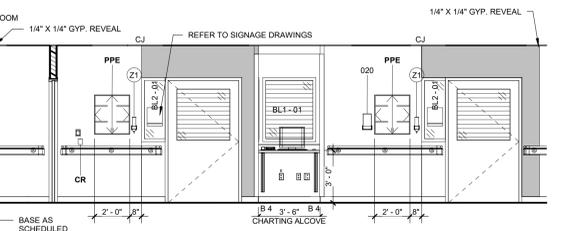
15 RESIDENT WKRM - SE
1/4" = 1'-0"



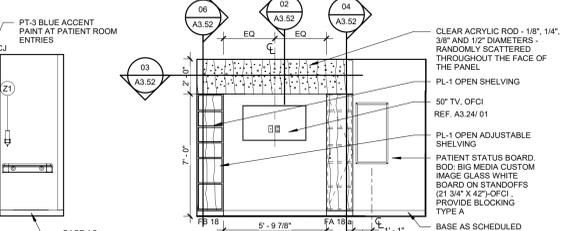
16 RESIDENT WKRM - E
1/4" = 1'-0"



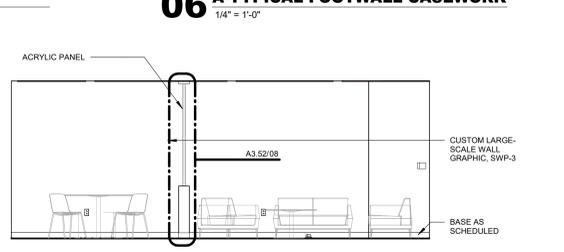
17 RESIDENT WORKROOM - NORTH
1/4" = 1'-0"



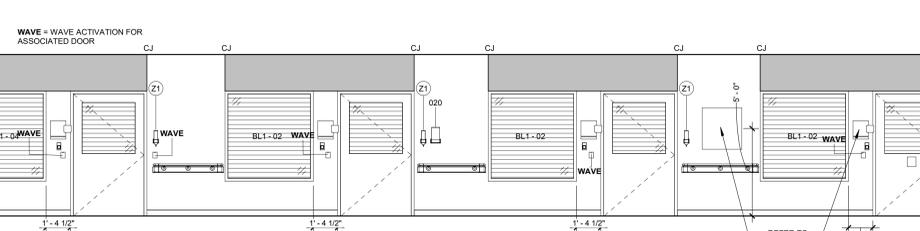
10 INTERMEDIATE PATIENT ROOM CORRIDOR
1/4" = 1'-0"



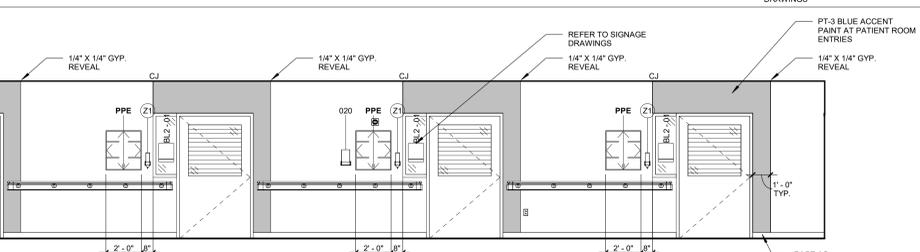
09 EXAM ROOM DOORS
1/4" = 1'-0"



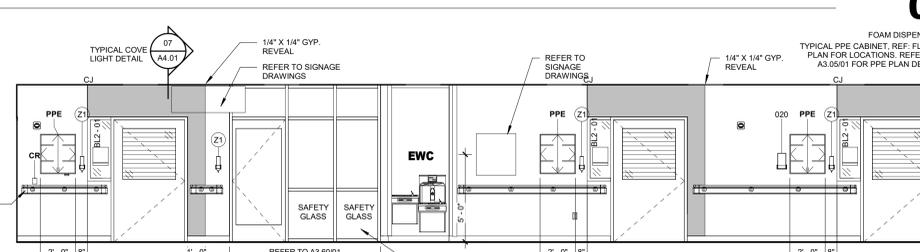
06 A-TYPICAL FOOTWALL CASEWORK
1/4" = 1'-0"



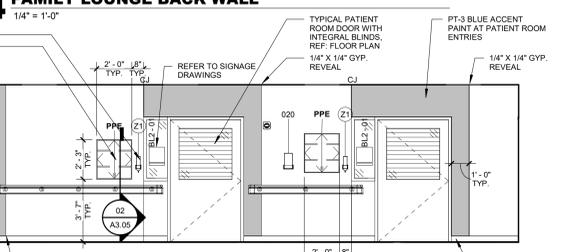
07 ISOLATION ROOM PATIENT CORRIDOR
1/4" = 1'-0"



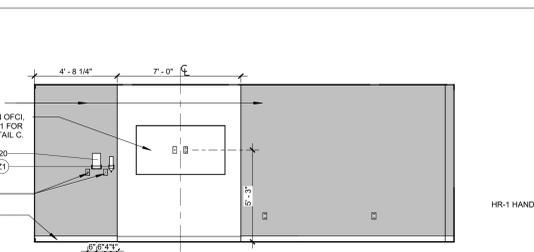
05 MED. SURG. PATIENT CORRIDOR 2
1/4" = 1'-0"



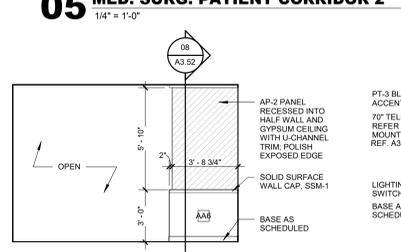
01 MED. SURG. PATIENT CORRIDOR 1
1/4" = 1'-0"



04 FAMILY LOUNGE BACK WALL
1/4" = 1'-0"



02 FAMILY LOUNGE TV WALL
1/4" = 1'-0"



03 FAMILY LOUNGE HALF WALL
1/4" = 1'-0"

8TH FLOOR TENANT IMPROVEMENT



KEY PLAN

REFLECTED CEILING PLAN KEYNOTES

- 01 PLAN FASCIA ABOVE CASEWORK TO MEET CEILING. SOFFIT TO INCLUDE FRONT AND SIDE PANELS RETURNING TO WALL. REFER TO A3.40 FOR CASEWORK DETAILS.

GENERAL NOTES - REFLECTED CEILING PLAN

- ALL CEILINGS SHALL BE 9'-0" ABOVE FINISHED FLOOR, UNLESS NOTED OTHERWISE. (COORDINATE WITH OWNER-FURNISHED VENDOR DRAWINGS AND EQUIPMENT.)
- IN THE CASE OF MINOR DISCREPANCIES BETWEEN MEP AND ARCHITECTURAL DOCUMENTS IN THE LOCATION OF CEILING MOUNTED COMPONENTS, THE ARCHITECTURAL REFLECTED CEILING PLAN SHALL GOVERN. IN THE CASE OF MAJOR DISCREPANCIES, THE ARCHITECT SHALL BE NOTIFIED AS SOON AS THE DISCREPANCY IS DISCOVERED PRIOR TO PROCEEDING WITH THE WORK.
- REFERENCE MECHANICAL AND ELECTRICAL DRAWINGS FOR MOUNTING LOCATIONS OF ITEMS WHERE NO CEILING IS DRAWN OR INDICATED. LIGHTS, DIFFUSERS, EXIT SIGNS, SMOKE DETECTORS, SPEAKERS, STROBES AND MISCELLANEOUS DEVICES SHALL BE CENTERED IN THE CEILING TILE IN WHICH THEY OCCUR, UNLESS NOTED OTHERWISE.
- ALL CORRIDOR SPRINKLER HEADS SHALL BE ALIGNED IN THE SAME LOCATION PARALLEL TO THE WALL WITHIN EACH SPECIFIC CEILING CONSTRUCTION. ARCHITECTURALLY SIGNIFICANT SPRINKLER HEAD LOCATIONS MAY BE SHOWN ON REFLECTED CEILING PLAN FOR DESIGN INTENT ONLY.
- ACCESS DOOR LOCATIONS IN GYPSUM BOARD CEILINGS ARE INDICATED ON RCP'S ONLY WHERE ARCHITECTURALLY SIGNIFICANT. REFERENCE SPECIFICATIONS AND MEP DRAWINGS FOR OTHER ACCESS DOOR LOCATIONS.
- DIMENSIONS AT CURTAIN TRACKS ARE TO CENTER OF TRACK, TYP.
- ALL CURTAIN CURTAIN TRACKS SHALL CLEAR DOOR SWINGS BY 3" MINIMUM.
- REFERENCE A3.20 FOR CONTROL JOINT DETAILS.
- ALL EXTERIOR WINDOWS TO RECEIVE MANUAL, SURFACE-MOUNTED SHADES. (RS-1, RS-2)



CEILING SYMBOL LEGEND		
	GYPSUM BOARD CEILING	
	2X2 ACOUSTICAL CEILING TILE (ACT)	
	SUPPLY AIR	
	RETURN AIR	
	EXHAUST AIR	
	ACCESS PANEL	
	CONTROL JOINTS	
	EXIT SIGN - HATCH INDICATES EXIT TEXT & ARROW INDICATES DIRECTION	
	CUBICLE CURTAIN TRACK (CCT) USE REFER TO A3.24	
	SPEAKER	
	CAMERA	
	ACCESS POINTS	
	RECESSED 2X4 LED	
	RECESSED 2X2 LED	
	RECESSED LINEAR LED	
	SUSPENDED LIGHT	
	4' RECESSED LENSED LIGHT	
	SCONCE	
	PENDANT TYPE LIGHT FIXTURE	
	DOWNLIGHT	
	COVE LIGHT	

01 8TH FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"

REVISION NO.	DESCRIPTION	DATE

HKS PROJECT NUMBER
23376.000
DATE
03/06/2023
ISSUE
100% CONSTRUCTION DOCUMENTS REISSUE
SHEET TITLE
REFLECTED CEILING PLAN

SHEET NO.
A4.00

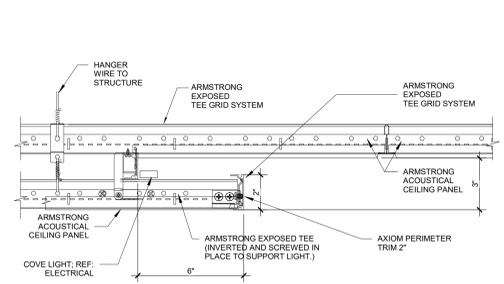
REVISION NO.	DESCRIPTION	DATE

HKS PROJECT NUMBER
23376.000

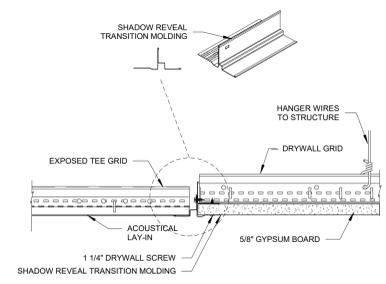
DATE
03/06/2023

ISSUE
100% CONSTRUCTION DOCUMENTS REISSUE
SHEET TITLE
CEILING DETAILS

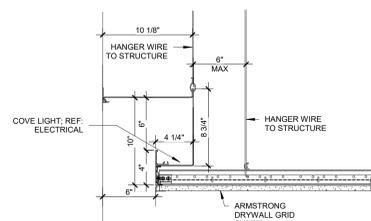
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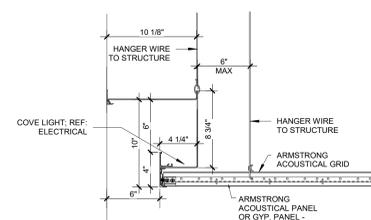
10 PATIENT ROOM COVE LIGHT
3/4" = 1'-0"



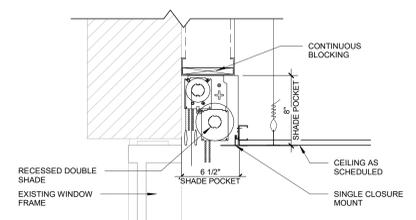
09 ACT TO GYP TRANSITION
3/4" = 1'-0"



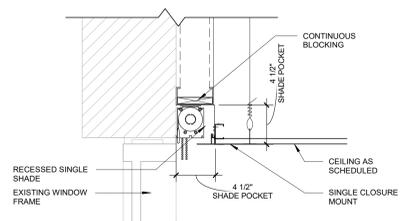
08 COVE LIGHT DETAIL (GYP)
1 1/2" = 1'-0"



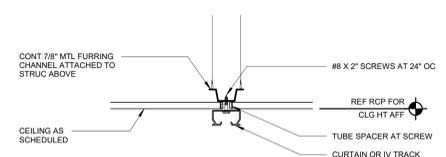
07 COVE LIGHT DETAIL (ACT)
1 1/2" = 1'-0"



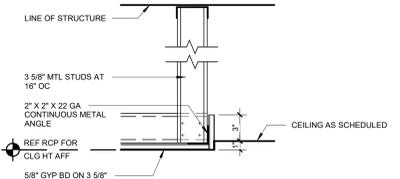
06 RECESSED DOUBLE SHADE
1 1/2" = 1'-0"



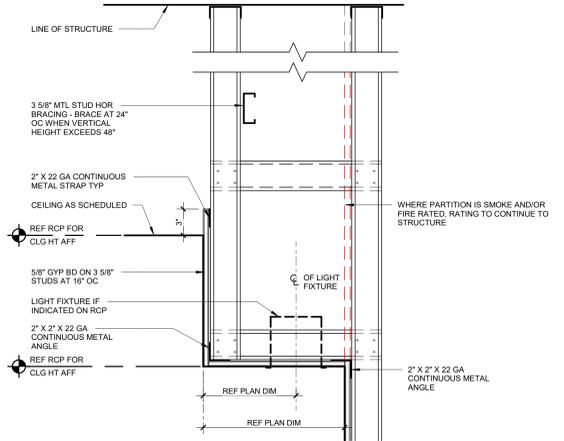
11 RECESSED SINGLE SHADE
1 1/2" = 1'-0"



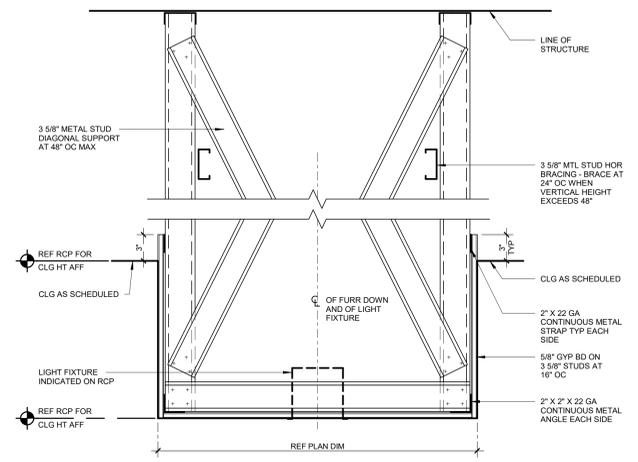
05 CURTAIN / IV TRACK
1 1/2" = 1'-0"



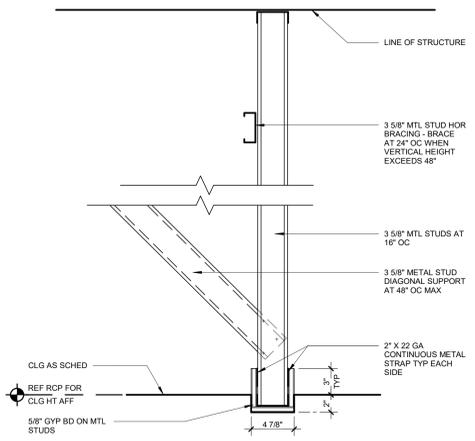
04 GYP BD/ACT TRANSITION DETAIL
1 1/2" = 1'-0"



03 FURR DOWN DETAIL
1 1/2" = 1'-0"



02 FURR DOWN DETAIL
1 1/2" = 1'-0"



01 FURR DOWN DETAIL
1 1/2" = 1'-0"

GENERAL NOTE
REFERENCE AS 10 AND AS 11 FOR PARTITION TYPES AND FRAMING INFORMATION.



Table with 3 columns: SYMBOL, DESCRIPTION, DATE. Includes revision entries for 03/06/2023.

FIRE ALARM SYMBOLS LEGEND. Table with columns: SYMBOL, DESCRIPTION, MNTG. HT. UNO. Includes symbols for fire alarm pull stations, audible signals, and smoke detectors.

NURSE CALL SYMBOLS LEGEND. Table with columns: SYMBOL, DESCRIPTION, BACK BOX, MNTG. HT. UNO. Includes symbols for dome light, patient stations, and nurse call consoles.

NURSE CALL BACKBOX SCHEDULE. Table with columns: SYMBOL, DESCRIPTION, MODEL # (Belden). Includes schedule for double gang back boxes and nurse call panels.

NURSE CALL CABLE SCHEDULE. Table with columns: SYMBOL, DESCRIPTION, MODEL # (Belden). Includes schedule for nurse call cables.

LIGHTING SYMBOLS LEGEND. Table with columns: SYMBOL, DESCRIPTION, MNTG. HT. UNO. Includes symbols for various light fixtures, recessed lighting, and emergency lighting.

LIGHTING NOTES: 1. REFER TO LIGHTING FIXTURE SCHEDULE FOR SPECIFIC FIXTURE INFORMATION. 2. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR MOUNTING HEIGHTS...

FIRE ALARM SYSTEM. Table with columns: BUILDING CODE, FIRE CODE, ELECTRICAL CODE, BUILDING CONSTRUCTION TYPE, OCCUPANCY. Includes details for fire alarm system requirements.

POWER SYMBOLS LEGEND. Table with columns: SYMBOL, DESCRIPTION, MNTG. HT. UNO. Includes symbols for receptacles, switches, and electrical equipment.

OCCUPANCY SENSOR/CONTROLS SYMBOLS LEGEND. Table with columns: SYMBOL, DESCRIPTION, MNTG. HT. UNO. Includes symbols for occupancy sensors and controls.

OCCUPANCY SENSOR/CONTROLS NOTES: 1. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHTS OF ALL DEVICES.

A. SUPPLEMENTAL GENERAL CONDITIONS. 1. THE DRAWINGS ARE GENERAL DIAGRAMMATIC AND IT IS THE INTENT AND MEANING OF THE CONTRACT DOCUMENTS THAT THE CONTRACTOR SHALL PROVIDE AN ELECTRICAL INSTALLATION THAT IS COMPLETE WITH ALL ITEMS AND APPURTENANCES NECESSARY...

DATA SYMBOLS LEGEND. Table with columns: SYMBOL, DESCRIPTION, BACK BOX, MNTG. HT. UNO. Includes symbols for data outlets, cables, and conduits.

DATA BACKBOX SCHEDULE. Table with columns: SYMBOL, DESCRIPTION. Includes schedule for double gang back boxes and other data equipment.

VIDEO SURVEILLANCE SYMBOLS LEGEND. Table with columns: SYMBOL, DESCRIPTION, BACK BOX, MNTG. HT. UNO. Includes symbols for cameras, monitors, and video recording equipment.

VIDEO SURVEILLANCE NOTES: 1. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHTS. 2. VERIFY THE EXACT POWER CONNECTION TYPE AND NEARBY CONDUITS FOR RECEPTACLES FOR EQUIPMENT...

GENERAL NOTATIONS AND MOUNTING HEIGHTS. Table with columns: SYMBOL, DESCRIPTION. Includes notes on mounting heights and general notations.

B. ELECTRICAL EQUIPMENT. 1. PROVIDE AN IDENTIFICATION NAMEPLATE FOR EACH ELECTRICAL EQUIPMENT. APPURTENANCE DEPICTING THE DESIGNATION INDICATED ON THE DRAWINGS. REFER TO SPECIFICATIONS FOR FURTHER REQUIREMENTS. 2. WEATHERPROOF ENCLOSURES SHALL BE PROVIDED FOR ALL ELECTRICAL EQUIPMENT, DEVICES AND APPURTENANCES INSTALLED OUTDOORS...

L. SPECIAL SYSTEMS (i.e. DATA/PHONE/SPEAKER). 1. CONTRACTOR SHALL PROVIDE AND INSTALL AN EMPTY CONDUIT RACEWAY SYSTEM FOR SPECIAL SYSTEM. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN VENDOR SHOP DRAWINGS FROM THE VENDORS/INSTALL PRIOR TO ELECTRICAL ROUGH-IN...



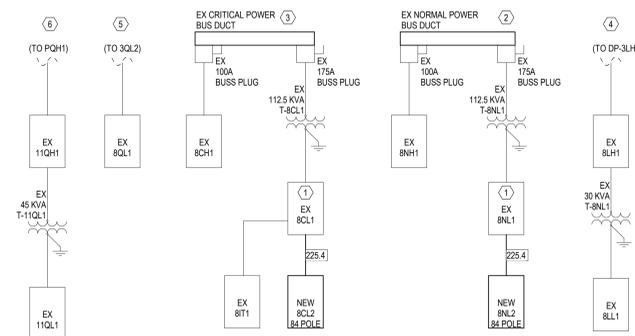
GENERAL NOTES

- A. REFER TO SHEET E0.00 FOR LEGENDS, NOTES, AND ABBREVIATIONS.
- B. 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.
- C. REFER TO AND COORDINATE WITH THE ARCHITECTURAL PLANS, ELEVATIONS, AND DETAILS FOR DEMOLITION REQUIREMENTS.
- D. FIRE ALARM DEVICES SHALL BE PRODUCTS OF THE EXISTING FIRE ALARM SYSTEM MANUFACTURER AND SHALL BE CONNECTED TO THE EXISTING BUILDING FIRE ALARM SYSTEM.
- E. NURSE CALL DEVICES SHALL BE PRODUCTS OF THE EXISTING NURSE CALL SYSTEM MANUFACTURER AND SHALL BE CONNECTED TO THE EXISTING BUILDING NURSE CALL SYSTEM.

LEGEND NOTES

1. VERIFY EXISTING PANEL HAS FEED THRU LUGS AVAILABLE. IF EXISTING PANEL DOES NOT HAVE FEED THRU LUGS AVAILABLE, PROVIDE FEED THRU LUG KIT TO FEED NEW PANELBOARD SECTION.
2. PROVIDE METERING UPSTREAM OF EXISTING CRITICAL POWER BUSWAY AND EXISTING CRITICAL POWER ATS PRIOR TO INSTALLATION OF NEW FLOOR LOADS TO ENSURE NEW ADDED LOADS WILL NOT OVERLOAD EXISTING CRITICAL POWER SYSTEM.
3. PROVIDE METERING UPSTREAM OF EXISTING NORMAL POWER BUSWAY AND EXISTING CRITICAL POWER ATS PRIOR TO INSTALLATION OF NEW FLOOR LOADS TO ENSURE NEW ADDED LOADS WILL NOT OVERLOAD EXISTING NORMAL POWER SYSTEM.
4. PROVIDE METERING AT LIFE SAFETY POWER ATS PRIOR TO CONNECTING NEW FLOOR LIFE SAFETY LOADS TO ENSURE SYSTEM IS NOT OVERLOADED.
5. PROVIDE METERING AT EXISTING EQUIPMENT POWER ATS PRIOR TO CONNECTING NEW PENTHOUSE AND 8TH FLOOR EQUIPMENT LOADS TO ENSURE SYSTEM IS NOT OVERLOADED.
6. PROVIDE METERING AT EXISTING EQUIPMENT PANEL 110H1 AND EQUIPMENT ATS PRIOR TO CONNECTING NEW PENTHOUSE AND 8TH FLOOR EQUIPMENT LOADS TO ENSURE SYSTEM IS NOT OVERLOADED.

COPPER FEEDER SCHEDULE 600V MAX.		
FEEDER TAG 3	AMPERE RATING	FEEDER DESCRIPTION
15.3, 20.3 15.4, 20.4	3#12, 1#12 G, 3/4" C 3#12, 1#12 N, 1#12 G, 3/4" C	
25.3, 30.3 25.4, 30.4	3#10, 1#10 G, 3/4" C 3#10, 1#10 N, 1#10 G, 3/4" C	
35.3, 40.3 35.4, 40.4	3#8, 1#10 G, 3/4" C 3#8, 1#8 N, 1#10 G, 3/4" C	
45.3, 50.3 45.4, 50.4	3#6, 1#10 G, 3/4" C 3#6, 1#6 N, 1#10 G, 1" C	
60.3 60.4	3#4, 1#10 G, 1" C 3#4, 1#4 N, 1#10 G, 1 1/4" C	
70.3 70.4	3#4, 1#8 G, 1" C 3#4, 1#4 N, 1#8 G, 1-1/4" C	
80.3 80.4	3#3, 1#8 G, 1-1/4" C 3#3, 1#3 N, 1#8 G, 1-1/4" C	
90.3 90.4	3#2, 1#8 G, 1-1/4" C 3#2, 1#2 N, 1#8 G, 1-1/4" C	
100.3 100.4	3#1, 1#8 G, 1-1/4" C 3#1, 1#1 N, 1#8 G, 1-1/2" C	
110.3 110.4	3#1, 1#6 G, 1-1/4" C 3#1, 1#1 N, 1#6 G, 1-1/2" C	
125.3, 150.3 125.4, 150.4	3#10, 1#6 G, 1-1/2" C 3#10, 1#10 N, 1#6 G, 2" C	
175.3 175.4	3#20, 1#6 G, 2" C 3#20, 1#20 N, 1#6 G, 2" C	
200.3 200.4	3#30, 1#6 G, 2" C 3#30, 1#30 N, 1#6 G, 2" C	
225.3 225.4	3#40, 1#4 G, 2" C 3#40, 1#40 N, 1#4 G, 2-1/2" C	
250.3 250.4	3#250KCM, 1#4 G, 2-1/2" C 3#250KCM, 1-250KCM N, 1#4 G, 2-1/2" C	
300.3 300.4	3#350KCM, 1#4 G, 2-1/2" C 3#350KCM, 1-350KCM N, 1#4 G, 3" C	
350.3 350.4	3#500KCM, 1#3 G, 3" C 3#500KCM, 1-500KCM N, 1#3 G, 3-1/2" C	
400.3 400.4	2 SETS EACH OF 3#30, 1#3 G, 2" C 2 SETS EACH OF 3#30, 1#30 N, 1#3 G, 2-1/2" C	
450.3 450.4	2 SETS EACH OF 3#40, 1#2 G, 2" C 2 SETS EACH OF 3#40, 1#40 N, 1#2 G, 2-1/2" C	
500.3 500.4	2 SETS EACH OF 3#250KCM, 1#2 G, 2-1/2" C 2 SETS EACH OF 3#250KCM, 1#250KCM N, 1#2 G, 2-1/2" C	
600.3 600.4	2 SETS EACH OF 3#350KCM, 1#1 G, 2-1/2" C 2 SETS EACH OF 3#350KCM, 1#350KCM N, 1#1 G, 3" C	
700.3 700.4	2 SETS EACH OF 3#500KCM, 1#10 G, 3" C 2 SETS EACH OF 3#500KCM, 1#500KCM N, 1#10 G, 3-1/2" C	
800.3 800.4	3 SETS EACH OF 3#300KCM, 1#10 G, 3" C 3 SETS EACH OF 3#300KCM, 1#300KCM N, 1#10 G, 3" C	
900.3 900.4	3 SETS EACH OF 3#350KCM, 1#20 G, 3" C 3 SETS EACH OF 3#350KCM, 1#350KCM N, 1#20 G, 3" C	
1000.3 1000.4	3 SETS EACH OF 3#400KCM, 1#20 G, 3" C 3 SETS EACH OF 3#400KCM, 1#400KCM N, 1#20 G, 3" C	
1200.3 1200.4	4 SETS EACH OF 3#350KCM, 1#30 G, 3" C 4 SETS EACH OF 3#350KCM, 1#350KCM N, 1#30 G, 3" C	
1400.3 1400.4	4 SETS EACH OF 3#500KCM, 1#40 G, 3" C 4 SETS EACH OF 3#500KCM, 1#500KCM N, 1#40 G, 3-1/2" C	
1600.3 1600.4	5 SETS EACH OF 3#400KCM, 1#40 G, 3" C 5 SETS EACH OF 3#400KCM, 1#400KCM N, 1#40 G, 3" C	
2000.3 2000.4	6 SETS EACH OF 3#400KCM, 1#250KCM G, 3" C 6 SETS EACH OF 3#400KCM, 1#400KCM N, 1#250KCM G, 3" C	
2500.3 2500.4	7 SETS EACH OF 3#500KCM, 1#350KCM G, 3-1/2" C 7 SETS EACH OF 3#500KCM, 1#500KCM N, 1#350KCM G, 3-1/2" C	
3000.3 3000.4	8 SETS EACH OF 3#500KCM, 1#400KCM G, 3" C 8 SETS EACH OF 3#500KCM, 1#500KCM N, 1#400KCM G, 3-1/2" C	
4000.3 4000.4	11 SETS EACH OF 3#500KCM, 1#500KCM G, 3-1/2" C 11 SETS EACH OF 3#500KCM, 1#500KCM N, 1#500KCM G, 3-1/2" C	



1 EXISTING PARTIAL ONE-LINE DIAGRAM
1/8" = 1'-0"

EXIST: 8QL1
LOCATION: ELEC E3.08306
MAIN BUS: 100 A
MOUNTING: SURFACE
VOLTAGE: 480/277 WYE
AIC AVAILABLE: 1,720 A
AIC RATING: 10000 A
FED FROM: WIRES: 4W + G
ENCLOSURE: NEMA 1
BUS TYPE: COPPER
MOUNTING: SURFACE
PANEL LUGS: MLO
NUMBER OF SECTIONS: 1
NEUTRAL BUS: YES
GROUND BUS: YES
ISOLATED GROUND BUS: NO
200% NEUTRAL: NO
FEED THROUGH LUGS: NO
POLES PER SECTION: 42

CKT NO.	DESCRIPTION	TOTAL LOAD (VA)	CIRCUIT BREAKER AMPS / POLES	A	B	C	CIRCUIT BREAKER POLES	TOTAL LOAD (VA)	DESCRIPTION	CKT NO.
1	EXIST FIS DAMPERS	--	20	1			1	20	EXIST DOC CONTROLS	2
3	CORRIDOR (F/S) - JUNCTION BOX	500	20	1			1	20	CORRIDOR (VAV) - JUNCTION BOX	4
5	CORRIDOR (VAV) - JUNCTION BOX	500	20	1			1	20	CORRIDOR (F/S) - JUNCTION BOX	6
7	CORRIDOR (VAV) - JUNCTION BOX	500	20	1			1	20	CORRIDOR (F/S) - JUNCTION BOX	8
9	SPARE	--	20	1			1	20	SPARE	10
11	JBOX - PRESSURE MONS	500	20	1			1	20	SPARE	12
13	SPARE	--	20	1			1	20	SPARE	14
15	SPARE	--	20	1			1	20	SPARE	16
17	SPARE	--	20	1			1	20	SPARE	18
19	SPARE	--	20	1			1	20	SPARE	20
21	SPARE	--	20	1			1	20	SPARE	22
23	SPARE	--	20	1			1	20	SPARE	24
25	SPARE	--	20	1			1	20	SPARE	26
27	SPARE	--	20	1			1	20	SPARE	28
29	SPARE	--	20	1			1	20	SPARE	30
31	SPARE	--	20	1			1	20	SPARE	32
33	SPARE	--	20	1			1	20	SPARE	34
35	SPARE	--	20	1			1	20	SPARE	36
37	SPARE	--	20	1			1	20	SPARE	38
39	SPARE	--	20	1			1	20	SPARE	40
41	SPARE	--	20	1			1	20	SPARE	42

LOAD CLASSIFICATION	CONNECTED LOAD (VA)	ESTIMATED DEMAND (VA)	PANEL TOTALS	
HSPL	500	200	KVA	AMPS
MISC	3,000	3,000	EXISTING CONNECTED LOAD:	1.2 3.3
			REMOVED CONNECTED LOAD:	0 0
			ADDED CONNECTED LOAD:	3.5 9.7
			TOTAL CONNECTED LOAD:	4.7 13
			TOTAL ESTIMATED DEMAND:	4.4 12.2

NOTES:

EXIST: 8CL1
LOCATION: ELEC E3.08306
MAIN BUS: 225 A
MOUNTING: SURFACE
VOLTAGE: 480/277 WYE
AIC AVAILABLE: 5,936 A
AIC RATING: 10000 A
FED FROM: WIRES: 4W + G
ENCLOSURE: NEMA 1
BUS TYPE: COPPER
MOUNTING: SURFACE
PANEL LUGS: MCB
NUMBER OF SECTIONS: 1
NEUTRAL BUS: YES
GROUND BUS: YES
ISOLATED GROUND BUS: NO
200% NEUTRAL: NO
FEED THROUGH LUGS: NO
POLES PER SECTION: 48

CKT NO.	DESCRIPTION	TOTAL LOAD (VA)	CIRCUIT BREAKER AMPS / POLES	A	B	C	CIRCUIT BREAKER POLES	TOTAL LOAD (VA)	DESCRIPTION	CKT NO.
1	BIT1	6,660	100	3			1	20	RCPTS - CORRWRK STATIONS	2
3	---	---	---	---	---	---	1	20	RCPTS - CORRWRK STATIONS	4
5	---	---	---	---	---	---	1	20	RCPTS - CORRWRK STATIONS	6
7	CRASH CART (PRINT) - RCPT	180	20	1			1	20	NURSE STATION (PTUBE) - RCPT	8
9	NURSE STATION - RCPT	900	20	1			1	20	EXIST STAIR L	10
11	MEDS - RCPT	540	20	1			1	20	CLEAN SUPPLY - RCPT	12
13	KITCHENLOUNGE (WASH) - RCPT	180	20	1			1	20	SPARE	14
15	KITCHENLOUNGE (ICE) - RCPT	180	20	1			1	20	KITCHENLOUNGE/NURSE STATION ...	16
17	RCPT - PRINT	180	20	1			1	20	EXAM ROOM - RCPT	18
19	NURSE STATION/DICTIONATION - RCPT	720	20	1			1	20	CORRIDOR BLANKET WARMER - RCPT	20
21	EXAM ROOM / MEDS - RCPT	720	20	1			1	20	MEDS - RCPT	22
23	MEDS - RCPT	180	20	1			1	20	MEDS - RCPT FRIDGE	24
25	CHARTING STATION / NURSE STATION ...	720	20	1			1	20	NURSE STATION (PTUBE) - RCPT	26
27	CORRIDOR BLANKET WARMER - RCPT	180	20	1			1	20	EMU INTERMEDIATE PATIENT ROOM...	28
29	EMU INTERMEDIATE PATIENT ROOM...	900	20	1			1	20	INTERMEDIATE PATIENT ROOM (E3.087...	30
31	INTERMEDIATE PATIENT ROOM (E3.087...	900	20	1			1	20	INTERMEDIATE PATIENT ROOM (E3.087...	32
33	INTERMEDIATE PATIENT ROOM (E3.087...	900	20	1			1	20	INTERMEDIATE PATIENT ROOM (E3.086...	34
35	INTERMEDIATE PATIENT ROOM (E3.086...	900	20	1			1	20	INTERMEDIATE PATIENT ROOM (E3.086...	36
37	ADA INTERMEDIATE PATIENT ROOM...	900	20	1			1	20	PATIENT ROOM (E3.0865) - JB	38
39	PATIENT ROOM ADA (NEG) (E3.0864) - JB	900	20	1			1	20	PATIENT ROOM (NEG) (E3.0863) - JB	40
41	PATIENT ROOM ADA (NEG) (E3.0862) - JB	900	20	1			1	20	PATIENT ROOM (POS) (E3.0861) - JB	42
43	NO SPACE	--	--	--	--	--	3	225	11,700 ECL2	44
45	NO SPACE	--	--	--	--	--	--	--	--	46
47	NO SPACE	--	--	--	--	--	--	--	--	48

LOAD CLASSIFICATION	CONNECTED LOAD (VA)	ESTIMATED DEMAND (VA)	PANEL TOTALS	
HSPL	12,420	4,968	KVA	AMPS
MISC	30,060	30,060	EXISTING CONNECTED LOAD:	0 0
RCPT	360	360	REMOVED CONNECTED LOAD:	0 0
			ADDED CONNECTED LOAD:	42.8 118.9
			TOTAL CONNECTED LOAD:	42.8 118.9
			TOTAL ESTIMATED DEMAND:	35.4 98.2

NOTES:

EXIST: 8LH1
LOCATION: ELEC E3.08306
MAIN BUS: 100 A
MOUNTING: SURFACE
VOLTAGE: 480/277 WYE
AIC AVAILABLE: 4,299 A
AIC RATING: 35000 A
FED FROM: WIRES: 4W + G
ENCLOSURE: NEMA 1
BUS TYPE: COPPER
MOUNTING: SURFACE
PANEL LUGS: MLO
NUMBER OF SECTIONS: 1
NEUTRAL BUS: YES
GROUND BUS: YES
ISOLATED GROUND BUS: NO
200% NEUTRAL: NO
FEED THROUGH LUGS: NO
POLES PER SECTION: 42

CKT NO.	DESCRIPTION	TOTAL LOAD (VA)	CIRCUIT BREAKER AMPS / POLES	A	B	C	CIRCUIT BREAKER POLES	TOTAL LOAD (VA)	DESCRIPTION	CKT NO.
1	LTS - EGRESS CORRIDOR	1,175	20	1			1	20	SPARE	2
3	SPARE	--	20	1			1	20	SPARE	4
5	SPARE	--	20	1			1	20	SPARE	6
7	SPARE	--	20	1			1	20	SPARE	8
9	SPARE	--	20	1			1	20	SPARE	10
11	SPARE	--	20	1			1	20	SPARE	12
13	SPARE	--	20	1			1	20	SPARE	14
15	SPARE	--	20	1			1	20	SPARE	16
17	SPARE	--	20	1			1	20	SPARE	18
19	SPARE	--	20	1			1	20	SPARE	20
21	SPARE	--	20	1			1	20	SPARE	22
23	SPARE	--	20	1			1	20	SPARE	24
25	SPARE	--	20	1			1	20	SPARE	26
27	SPARE	--	20	1			1	20	SPARE	28
29	SPARE	--	20	1			1	20	SPARE	30
31	SPARE	--	20	1			1	20	SPARE	32
33	SPARE	--	20	1			1	20	SPARE	34
35	SPARE	--	20	1			1	20	SPARE	36
37	SPARE	--	20	1			1	20	SPARE	38
39	SPARE	--	20	1			1	20	SPARE	40
41	SPARE	--	20	1			1	20	SPARE	42

LOAD CLASSIFICATION	CONNECTED LOAD (VA)	ESTIMATED DEMAND (VA)	PANEL TOTALS	
HSPL	500	200	KVA	AMPS
LGHT	1,175	1,469	EXISTING CONNECTED LOAD:	1.5 1.8
MISC	6,500	6,500	REMOVED CONNECTED LOAD:	1.5 1.8
			ADDED CONNECTED LOAD:	8.2 9.8
			TOTAL CONNECTED LOAD:	8.2 9.8
			TOTAL ESTIMATED DEMAND:	8.2 9.8

NOTES:

EXIST: 8LL1
LOCATION: ELEC E3.08306
MAIN BUS: 100 A
MOUNTING: SURFACE
VOLTAGE: 480/277 WYE
AIC AVAILABLE: 1,625 A
AIC RATING: 10000 A
FED FROM: T-8LL1
WIRES: 4W + G
ENCLOSURE: NEMA 1
BUS TYPE: COPPER
MOUNTING: SURFACE
PANEL LUGS: MCB
NUMBER OF SECTIONS: 1
NEUTRAL BUS: YES
GROUND BUS: YES
ISOLATED GROUND BUS: NO
200% NEUTRAL: NO
FEED THROUGH LUGS: NO
POLES PER SECTION: 42

CKT NO.	DESCRIPTION	TOTAL LOAD (VA)	CIRCUIT BREAKER AMPS / POLES	A	B	C	CIRCUIT BREAKER POLES	TOTAL LOAD (VA)	DESCRIPTION	CKT NO.
1	EXIST FIRE ALARM	--	20	1			1	20	CORRIDORS (AUTO DOOR JUNCTION...	2
3	CORRIDORS (AUTO DOOR JUNCTION...	1,000	20	1			1	20	CORRIDORS (AUTO DOOR JUNCTION...	4
5	PATIENT ROOM ADA (AUTO JUNCTION...	1,000	20	1			1	20	PATIENT ROOM NEG (AUTO JUNCTION...	6
7	PATIENT ROOM ADA (AUTO JUNCTION...	1,000	20	1			1	20	PATIENT ROOM POS (AUTO JUNCTION...	8
9	MGAP	500	20	1			1	20	SPARE	10
11	SPARE	--	20	1			1	20	SPARE	12
13	SPARE	--	20	1			1	20	SPARE	14
15	SPARE	--	20	1			1	20	SPARE	16
17	SPARE	--	20	1			1	20	SPARE	18
19	SPARE	--	20	1			1	20	SPARE	20
21	SPARE	--	20	1			1	20	SPARE	22
23	SPARE	--	20	1			1	20	SPARE	24
25	SPARE	--	20	1			1	20	SPARE	26
27	SPARE	--	20	1			1	20	SPARE	28
29	SPARE	--	20	1			1	20	SPARE	30
31	SPARE	--	20	1			1	20	SPARE	32
33	SPARE	--	20	1			1	20	SPARE	34
35	SPARE	--	20	1			1	20	SPARE	36
37	SPARE	--	20	1			1	20	SPARE	38
39	SPARE	--	20	1			1	20	SPARE	40
41	SPARE	--	20	1			1	20	SPARE	42

LOAD CLASSIFICATION	CONNECTED LOAD (VA)	ESTIMATED DEMAND (VA)	PANEL TOTALS	
HSPL	500	200	KVA	AMPS
MISC	6,500	6,500	EXISTING CONNECTED LOAD:	0 0
			REMOVED CONNECTED LOAD:	0 0
			ADDED CONNECTED LOAD:	7 19.4
			TOTAL CONNECTED LOAD:	7 19.4
			TOTAL ESTIMATED DEMAND:	6.7 18.6

NOTES:

EXIST: 8NH1
LOCATION: ELEC E3.08306
MAIN BUS: 100 A
MOUNTING: SURFACE
VOLTAGE: 480/277 WYE
AIC AVAILABLE: 29,139 A
AIC RATING: 50000 A
FED FROM: WIRES: 4W + G
ENCLOSURE: NEMA 1
BUS TYPE: COPPER
MOUNTING: SURFACE
PANEL LUGS: MLO
NUMBER OF SECTIONS: 1
NEUTRAL BUS: YES
GROUND BUS: YES
ISOLATED GROUND BUS: NO
200% NEUTRAL: NO
FEED THROUGH LUGS: NO
POLES PER SECTION: 42

CKT NO.	DESCRIPTION	TOTAL LOAD (VA)	CIRCUIT BREAKER AMPS / POLES	A	B	C	CIRCUIT BREAKER POLES	TOTAL LOAD (VA)	DESCRIPTION	CKT NO.
1	LGHTS - PATIENT ROOMS NORTH	2,200	20	1			1	20	EXIST LIGHTING - 8TH FLR	2
3	LGHTS - PATIENT ROOMS EAST	1,100	20	1			1	20	SPARE	4
5	LGHTS - PATIENT ROOMS SOUTH	2,420	20	1			1	20	SPARE	6
7	LGHTS - CONFERENCE/OFFICES	1,211	20	1			1	20	SPARE	8
9	LGHTS - CORRIDORS NORTHWEST	847	20	1			1	20	SPARE	10
11	LGHTS - CORRIDORS SOUTHEAST	929	20	1			1	20	SPARE	12
13	LGHT	1,165	20	1			1	20	SPARE	14
15	LGHTS - EXAM ROOM NORMAL	100	20	1			1	20	SPARE	16
17	SPARE	--	20	1			1	20	SPARE	18
19	SPARE	--	20	1			1	20	SPARE	20
21	SPARE	--	20	1			1	20	SPARE	22
23	SPARE	--	20	1			1	20	SPARE	24
25	SPARE	--	20	1			1	20	SPARE	26
27	SPARE	--	20	1			1	20	SPARE	28
29	SPARE	--	20	1			1	20	SPARE	30
31	SPARE	--	20	1			1	20	SPARE	32
33	SPARE	--	20	1			1	20	SPARE	34
35	SPARE	--	20	1			1	20	SPARE	36
37	SPARE	--	20	1			1	20	SPARE	38
39	SPARE	--	20	1			1	20	SPARE	40
41	SPARE	--	20	1			1	20	SPARE	42

LOAD CLASSIFICATION	CONNECTED LOAD (VA)	ESTIMATED DEMAND (VA)	PANEL TOTALS	
LGHT	9,972	12,465	KVA	AMPS
			EXISTING CONNECTED LOAD:	0.8 1
			REMOVED CONNECTED LOAD:	0.8 1
			ADDED CONNECTED LOAD:	10 12
			TOTAL CONNECTED LOAD:	10 12
			TOTAL ESTIMATED DEMAND:	12.5 15

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