Intermountain Healthcare

IMC - South Office Tower Neurosurgery Clinic Expansion

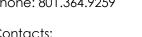
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100% Construction Documents

DESIGN TEAM

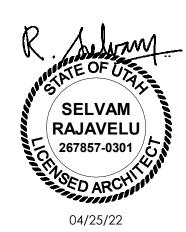
ARCHITECT NJRA Architects, Inc.

5272 South College Drive, Suite 104 Murray, Utah 84123 Phone: 801.364.9259



Project Manager: Shailesh Munot

Email: shamun@njraarchitects.com



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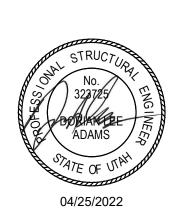
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NJRA Architects, Inc.

STRUCTURAL ENGINEER Reaveley Engineers 675 East 500 South, Suite 400 Salt Lake City, UT 84102

Phone: 801.486.3883



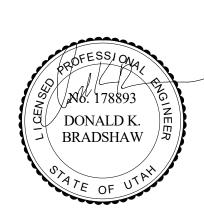


MECHANICAL ENGINEER VBFA Consulting Enginners 181 East 5600 South, Suite 130 Murray, Utah 84107

Contacts:

Project Manager: Don Bradshaw Email: dbradshaw@vbfa.com

Phone: 801.530.3148



ELECTRICAL ENGINEER Spectrum Engineers 324 South State St, Suite 400 Salt Lake City, UT 84111

Phone: 801.328.5151

Project Manager: Peter Johansen Email: pej@spectrum-engineers.com



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Cover Sheet

INTERIM LIFE SAFETY MEASURES

IMPLEMENTATION OF INTERIM LIFE SAFETY MEASURES (ILSM) IS REQUIRED IN OR ADJACENT TO ALL CONSTRUCTION AREAS AND THROUGHOUT BUILDINGS WITH EXISTING LSC DEFICIENCIES. ILSM APPLY TO ALL PERSONNEL, INCLUDING CONSTRUCTION WORKERS, MUST BE IMPLEMENTED UPON PROJECT DEVELOPMENT, AND CONTINUOUSLY ENFORCED THROUGH PROJECT COMPLETION. ILSM ARE INTENDED TO PROVIDE A LEVEL OF LIFE SAFETY COMPARABLE TO THAT DESCRIBED IN CHAPTERS 1 THROUGH 7, 31 AND THE APPLICABLE OCCUPANCY CHAPTERS OF THE LSC. EACH ILSM ACTION MUST BE DOCUMENTED THROUGH WRITTEN POLICIES AND PROCEDURES. EXCEPT AS STATED BELOW, FREQUENCIES FOR INSPECTION, TESTING, TRAINING, AND ILSM CONSIST OF THE FOLLOWING ACTIONS:

- ENSURING EXITS PROVIDE FREE AND UNOBSTRUCTED EGRESS. PERSONNEL SHALL RECEIVE TRAINING IF ALTERNATIVE EXITS MUST BE DESIGNATED. BUILDINGS OR AREAS UNDER CONSTRUCTION MUST MAINTAIN ESCAPE FACILITIES FOR CONSTRUCTION WORKERS AT ALL TIMES. MEANS OF EGRESS IN CONSTRUCTION AREAS MUST BE INSPECTED DAILY.
- ENSURING FREE AND UNOBSTRUCTED ACCESS TO EMERGENCY DEPARTMENTS/ SERVICES AND FOR EMERGENCY FORCES.
- ENSURE FIRE ALARM, DETECTION, AND SUPPRESSION SYSTEMS ARE NOT IMPAIRED. A TEMPORARY, BUT EQUIVALENT, SYSTEM SHALL BE PROVIDED WHEN ANY FIRE SYSTEM IS IMPAIRED. TEMPORARY SYSTEMS MUST BE INSPECTED AND TESTED MONTHLY.
- ENSURING TEMPORARY CONSTRUCTION PARTITIONS ARE SMOKE TIGHT AND BUILT OF NONCOM OR LIMITED COMBUSTIBLE MATERIALS THAT WILL NOT CONTRIBUTE TO THE DEVELOPMENT OR SPREAD OF FIRE.
- 5 PROVIDING ADDITIONAL FIRE-FIGHTING EQUIPMENT AND USE TRAINING OF
- PROHIBITING SMOKING IN ACCORDANCE WITH MA.1.3.15 AND IN OR ADJACENT TO ALL CONSTRUCTION AREAS.
- DEVELOPING AND ENFORCING STORAGE, HOUSEKEEPING, AND DEBRIS REMOVAL PRACTICES THAT REDUCE THE FLAMMABLE AND COMBUSTIBLE FIRE LOAD OF THE BUILDING TO THE LOWEST LEVEL NECESSARY FOR DAILY OPERATIONS.
- 8 CONDUCTING A MINIMUM OF TWO FIRE DRILLS PER SHIFT PER QUARTER.
- 9 INCREASING HAZARD SURVEILLANCE OF BUILDINGS, GROUNDS, AND EQUIPMENT WITH SPECIAL ATTENTION TO EXCAVATIONS, CONSTRUCTION AREAS CONSTRUCTION STORAGE, AND FIELD OFFICES.
- 10 TRAINING PERSONNEL WHEN STRUCTURAL OR COMPARTMENT FEATURES OF FIRE SAFETY ARE COMPROMISED.
- 1 CONDUCTING ORGANIZATION WIDE SAFETY EDUCATION PROGRAMS TO ENSURE AWARENESS OF ANY LSC DEFICIENCIES, CONSTRUCTION HAZARDS, AND THESE ILSM.

PROJECT DESCRIPTION

THIS PROJECT INCLUDES THE FOLLOWING SCOPE OF WORK:

REMODEL OF EXISTING EDUCATION CENTER SPACES FOR NEW EXAM ROOMS, X-RAY ROOM, CHECK-IN/RECEPTION, BREAK ROOM, STORAGE SPACES AND OFFICES. APPROXIMATE AREA OR REMODEL: 5,250 SF

DWL. DOWEL

DWG. DRAWING

EL./ELEC. ELECTRIC

EA.

ELEV.

EQUIP.

F.E.C.

FIXT.

GALV.

G.S.N.

GL.

GD.

GRL.

GRD.

GYP.

HTR.

H.M.

HORIZ.

EACH

DOWN

DOWN SPOUT

D.W.V. DRAINAGE WASTE VENT

E.W.C. ELEC. WATER COOLER

ELEVATION

EQUIPMENT

EXHAUST

EXISTING

FEET

FINISH(ED)

FIXTURE

FLASHING

GAUGE

GLASS

GRADE

GRILLE

GROUND

GYPSUM

HDW. HARDWARE

HDWD. HARDWOOD

HEATER

HEIGHT

HIGH POINT

HORIZONTAL

HOSE BIB

HOT WATER

HOUR

INCH

INSUL. INSULATION

HOLLOW METAI

INSIDE DIAMETER

GALVANIZED

FV/F.V. FIELD VERIFY

EXPANSION JOINT

FIRE EXTINGUISHER

FIRE EXTINGUISHER CABINET

GENERAL CONTRACTOR

GENERAL STRUCTURAL NOTES

EQUAL





P.S.F. POUNDS PER SQUARE FOOT

RECOMMENDATION

REQUIRED

REVISION

ROOFING

ROOM

ROUGH

ROUND

SECTION

SELECT

SHEET

SIMILAR

SLIDING

SMOOTH

SPLASH

SQUARE

SPECIFICATION

STAINLESS STEE

STANDARD

STRUCTURE

SUPPLY AIR

SUSPENDED

TELEPHONE COMPANY

TONGUE & GROOVE

TEMPERED GLASS

TOP & BOTTOM

TOP OF CURB

TOP OF DECK

TOP OF PARAPET

U.N.O. UNLESS NOTED OTHERWISE

VENT THROUGH ROOF

VERTICAL GRAIN

V.C.T. VINYL COMPOSITION TILE

VENT

VERTICAL

VESTIBULE

TOP OF

SW.BD. SWITCHBOARD

RETURN AIR

ROOF DRAIN

RAD.

REC.

REG.

REQ'D

R.A.

REV.

RFG.

RM.

RGH.

RND.

SCR.

SECT.

SEL.

SHT.

SLDG.

SPEC.

SPL.

SQ.

STD.

S.A.

SUSP.

T.G.

T&G

T.O.

T.O.C.

T.O.D.

T.O.P.

TYP.

V.T.R.

VERT.

V.G.

VEST.

STRUC.

DRAWING INDEX

GENERAL		GE EQUIPMENT	
G001	Cover Sheet	EQ101	Equipment Drawings
G002	General Information	EQ102	Equipment Drawings
G003	General Information	EQ103	Equipment Drawings
G004	American National Standard Institute Requirements	EQ104	Equipment Drawings

Code Compliance Plan Level 9 - Overall

General Legend & Notes

General Structural Notes, Legends & Abbreviations Roof Framing Plan, Details and Schedules

ARCHITECTURAL

A114

STRUCTURAL

Existing Floor Plan Level 8 - For Reference Only Existing Ceiling Plan Level 8 - For Reference Only

Demolition Floor Plan Level 9 Demolition Ceiling Plan Level 9 A113 Floor Plan Level 9

Reflected Ceiling Plan Level 9 A116 Finish Plan Level 9

Dimension Plan Level 9

Interior Elevations **Enlarged Views**

A402 **Enlarged Views** Wall Details

Ceiling Details Door and Window Details A505A Cabinet Legend & Details A505B Cabinet Details Cabinet Details

Wall Details

Door and Window Schedule Finish Schedule & Details

A506A

Mechanical Title Sheet Mechanical General Notes Level 9 Thermal Zone Plan

MD101 Level 9 Mechanical Demolition Plan MD111 Level 9 Mechanical Piping Demolition Plan

Level 9 HVAC Plan Level 9 Mechanical Piping Plan Mechanical Details

Mechanical Schedules

PLUMBING

M601

P000 Plumbing Title Sheet Level 8 Plumbing Demolition Plan PD100

PD101 Level 9 Plumbing Demolition Plan

Level 8 Plumbing Plan P101 Level 9 Plumbing Plan Plumbing Details P601 Plumbing Schedules

ELECTRICAL EE001

Sheet Index, Abbreviations, and General Notes EE002 Symbols Legend EE003 Telecom Schedules and Notes EE501 Electrical Details EE701 Typical Mounting Height Details

EE702 Typical Labeling Details

EDP101 Demolition Power Plan Level 9 Demolition Lighting Plan Level 9

EP100 Overall Power Plan Level 9

EP101 Power Plan Level 9 EP102 Power Plan Penthouse EP401 Typical/ Enlarged Power Plans EP501 GE Drawings

EP502 GE Drawings EP601 One-Line Diagram

EL101 Lighting Plan Level 9 EL601 Interior Lighting Fixture Schedule

EL602 Lighting Control Schedules

ET100 Overall Telecom Plan Level 9 ET101 Telecom Plan Level 9

ET501 Telecom Equipment Rack Elevations ET502 Telecom Details

ET601 Telecom Riser Diagrams

Security Plan Level 9 EY601 Security Details & Diagrams

Fire Alarm Plan Level 9

INFECTION CONTROL RISK ASSESSMENT ABBREVIATIONS

AND

NEW

PENNY

ACOUSTIC

ADDENDUM

ALTERNATE

ALUMINUM

ASPHALT

BASEMENT

BENCHMARK

BLOCKING

BOTTOM OF

BOARD

BUILDING

CABINET

CEILING

CHANNEL

CLEAR

CLOSET

CONC. CONCRETE

COND. CONDITION

CONN. CONNECTION

CONST. CONSTRUCTION

CONTINUOUS

CONTROL JOINT

DAMP PROOFING

DECK BEARING

DIAGONAL

DIAMETER

DIMENSION

DISPENSER

COLUMN

CONCRETE MASONRY UNIT

CLEAN OUT

CENTER LINE

CERAMIC TILE

CAST IN PLACE

CATCH BASIN

ANCHOR BOLT

ARCHITECT(URAL

POUND OR NUMBER

AIR CONDITIONING

(E), EXIST. EXISTING

(N)

BSMT.

BLKG.

BLDG.

C.T.

CH

C.O.

CLR.

CL.

COL.

CONT

DIAMETER

CONSTRUCTION ACTIVITY TYPE

Major demolition or construction that creates major disruption, i.e. noise, dust, vibration, odor, or mechanical systems includes, but not limited to:

 heavy demolition or removal of a complete cabling system new construction or buildout of shelled space

INFECTION CONTROL RISK GROUP

Medium

Construction Activity Type:

IC Risk Group **Type A** Type B Class II Class I Class I Class II Class III Class IV Class I Class II Class IV Class IV Class II Class IV Class IV Class IV

INFECTION CONTROL PROTOCOLS

During Construction (Class IV):

- Perform work using methods to minimize raising dust or tracking dust into
- Immediately replace ceiling tile upon completion of inspection. Use active dust control measures
- Use water mist to control dust while cutting. Seal doors, ducts, vents and HVAC units.
- Place dust control mats at entries to work area; keep them clean and Remove debris only in tightly covered containers.
- Construct barriers to prevent dust and other contaminant migration prior to Maintain negative air pressure in work space using HEPA filtration units.
- Seal all pipes, conduits and penetrations. Construct and use anteroom for all entry to work area; HEPA vacuum all
- personnel, or have them change clothing before they leave the work area. All personnel wear shoe covers while in the work area and remove then before entering the hospital.

Upon Completion (Class IV):

- Clean work area. Wipe all horizontal surfaces with disinfectant.
- Remove final debris only in tightly covered containers. Vacuum using HEPA filtered vacuum; mop with disinfectant as appropriate.
- Remove all seals from doors, ducts, vents and HVAC units. Remove construction barriers in a manner that minimizes the spread of dust

DEFERRED SUBMITTALS

THE CONTRACTOR SHALL SUBMIT THE FOLLOWING TO THE BUILDING OFFICIAL FOR REVIEW WITH AN ACCOMPANYING LETTER FROM THE ARCHITECT STATING THAT THE CONTENTS OF THE SUBMITTAL ARE IN CONFORMANCE WITH THE DESIGN. WORK RELATED TO THE DEFERRED SUBMITTAL IS NOT TO COMMENCE UNTIL THE BUILDING

. DETAILS AND ENGINEERING CALCULATIONS FOR ALL NONSTRUCTURAL COMPONENTS THAT ARE PERMANENTLY ATTACHED TO STRUCTURES AND THEIR SUPPORTS AND ATTACHMENTS. THESE SHALL BE DESIGNED AND CONSTRUCTED TO RESIST THE EFFECTS OF EARTHQUAKE MOTIONS IN ACCORDANCE WITH ASCE 7-05. REFERENCE

- ELECTRICAL SYSTEMS - MECHANICAL SYSTEMS

IBC SECTION 1613.1. THIS INCLUDES:

OFFICIAL HAS APPROVED THE SUBMITTAL.

- PLUMBING SYSTEMS - DECORATIVE ARCHITECTURAL COMPONENTS.

2. DETAILS AND ENGINEERING CALCULATIONS FOR THE FIRE SPRINKLER AND FIRE DETECTION SYSTEMS, WHICH ARE TO BE DESIGN-BUILD BY THE CONTRACTOR TO COMPLY WITH NFPA 13 AND SHALL INCLUDE: - FIRE ALARM PLANS (INCLUDING CO DETECTOR LOCATIONS)

- AUTOMATIC FIRE SPRINKLER PLANS - HOOD FIRE SUPPRESSION

- CLASS 'K' FIRE EXTINGUISHER LOCATION(S)

3. STRUCTURAL TRUSS AND JOIST DESIGNS (AS LISTED IN THE STRUCTURAL DRAWINGS).

SPECIAL INSPECTIONS

INT.

JAN.

LAM.

LDG.

LAV.

LVR.

M.B.

MAT'L

MAX.

MTL.

MIN.

MLDG.

MULL.

N.G.

NOM.

N.I.C.

N.T.S.

O.C.

O.D.

PTD.

PNL.

PLBG.

PR.

INTERIOR

JANITOR

JOINT

JOIST

LAMINATED

LANDING

LAVATORY

LOUVER

MACHINE BOLT

MATERIAL

MINIMUM

MOLDING

MULLION

NOMINAL

NATURAL GRADE

NOT APPLICABLE

NOT IN CONTRACT

OUTSIDE DIAMETER

OVERFLOW SCUPPER

OVERFLOW ROOF DRAIN

O.F.O.I. OWNER FURNISHED, OWNER INSTALLED

NOT TO SCALE

ON CENTER

INSTALLED

PAINT

PAIR

PANEL

PENNY

PLATE

PLUMBING

PLASTIC LAMINATE

POUND PER SQUARE INCH

PAINTED

MECHANICA

MANUFACTURER

MASONRY OPENING

LIGHT WEIGHT CONCRETE

INVERT

SEE STRUCTURAL DRAWINGS FOR SPECIAL INSPECTIONS REQUIRED.

DEFINITIONS

GENERAL: BASIC CONTRACT DEFINITIONS ARE INCLUDED IN THE CONDITIONS OF THE

V.C.P. VITREOUS CLAY PIPE

WATER CLOSET

WATER HEATER

WATERPROOF

WIDE FLANGE

WINDOW

WITHOUT

WOOD

WITH

WATER RESISTANT

WELDED WIRE FABRIC

W.C.

W.H.

W.W.F.

WDW.

W/O

. "APPROVED": WHEN USED TO CONVEY ARCHITECT'S ACTION ON CONTRACTOR'S SUBMITTALS, APPLICATIONS, AND REQUESTS, "APPROVED" IS LIMITED TO ARCHITECT'S DUTIES AND RESPONSIBILITIES AS STATED IN THE CONDITIONS OF THE CONTRACT. . "DIRECTED": A COMMAND OR INSTRUCTION BY ARCHITECT, OTHER TERMS INCLUDING

"REQUESTED," "AUTHORIZED," "SELECTED," "REQUIRED," AND "PERMITTED" HAVE THE SAME MEANING AS "DIRECTED." 4. "INDICATED": REQUIREMENTS EXPRESSED BY GRAPHIC REPRESENTATIONS OR IN

WRITTEN FORM ON DRAWINGS, IN SPECIFICATIONS, AND IN OTHER CONTRACT DOCUMENTS. OTHER TERMS INCLUDING "SHOWN," "NOTED," "SCHEDULED," AND "SPECIFIED" HAVE THE SAME MEANING AS "INDICATED."

"REGULATIONS": LAWS, ORDINANCES, STATUTES, AND LAWFUL ORDERS ISSUED BY AUTHORITIES HAVING JURISDICTION, AND RULES, CONVENTIONS, AND AGREEMENTS WITHIN THE CONSTRUCTION INDUSTRY THAT CONTROL PERFORMANCE OF THE WORK. 5. "FURNISH": SUPPLY AND DELIVER TO PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS.

ANCHOR, APPLY, WORK TO DIMENSION, FINISH, CURE, PROTECT, CLEAN, AND SIMILAR

OPERATIONS AT PROJECT SITE. 8. "PROVIDE": FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE. 9. "PROJECT SITE": SPACE AVAILABLE FOR PERFORMING CONSTRUCTION ACTIVITIES. THE EXTENT OF PROJECT SITE IS SHOWN ON DRAWINGS AND MAY OR MAY NOT BE IDENTICAL WITH THE DESCRIPTION OF THE LAND ON WHICH PROJECT IS TO BE BUILT.

. "INSTALL": UNLOAD, TEMPORARILY STORE, UNPACK, ASSEMBLE, ERECT, PLACE,

COORDINATION NOTE FOR GE EQUIPMENT DRAWINGS

CONTRACTORS SHOULD THOROUGHLY REVIEW AND COORDINATE THE ATTACHED EQUIPMENT INSTALLATION DRAWINGS LISTED ABOVE FROM GE. THESE DRAWINGS ARE PART OF THE CONSTRUCTION DOCUMENTS. ITEMS IN GE DRAWINGS MENTIONED AS "CUSTOMER/CONTRACTOR" PROVIDED SHALL BE PROVIDED SOLELY BY "CONTRACTOR". VERIFY WITH ARCHITECT FOR ALL CLARIFICATIONS PRIOR TO SUBMITTING BIDS. OWNER SHALL NOT PAY FOR CONTRACTOR'S FAILURE TO REVIEW THESE DRAWINGS.

General



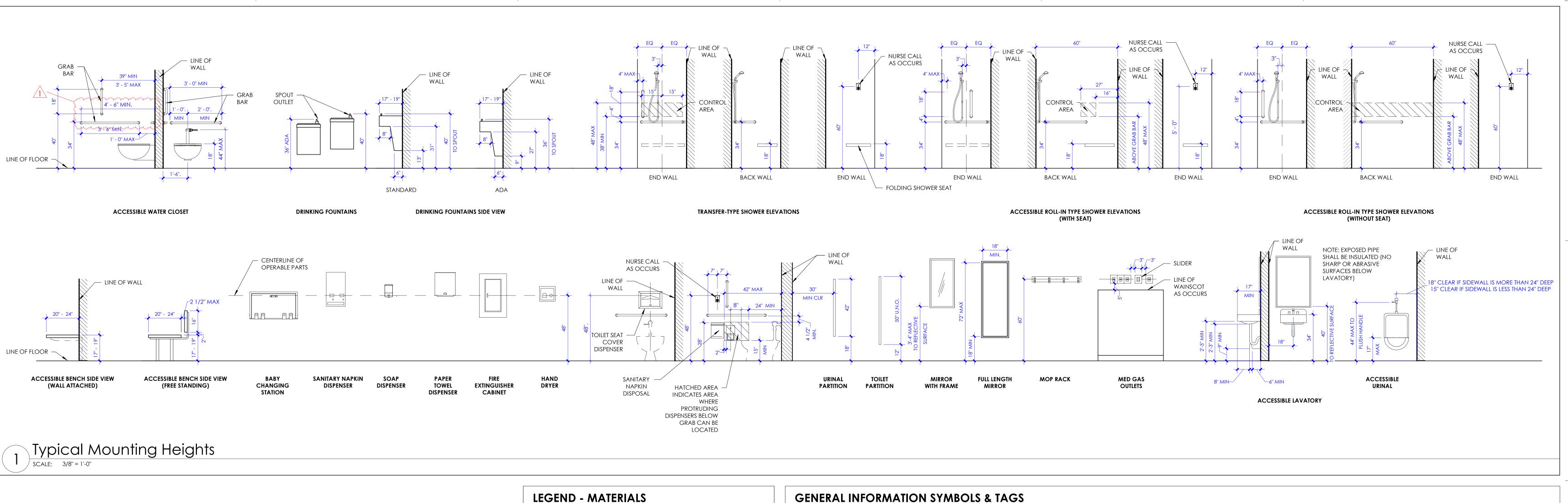
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HATCH PATTERN BELOW INDICATES REPRESENTATION OF BUILDING MATERIALS IN

Insulation

Insulation

Rigid

BUILDING SECTIONS, WALL SECTIONS AND DETAILS.

Concrete

Masonry

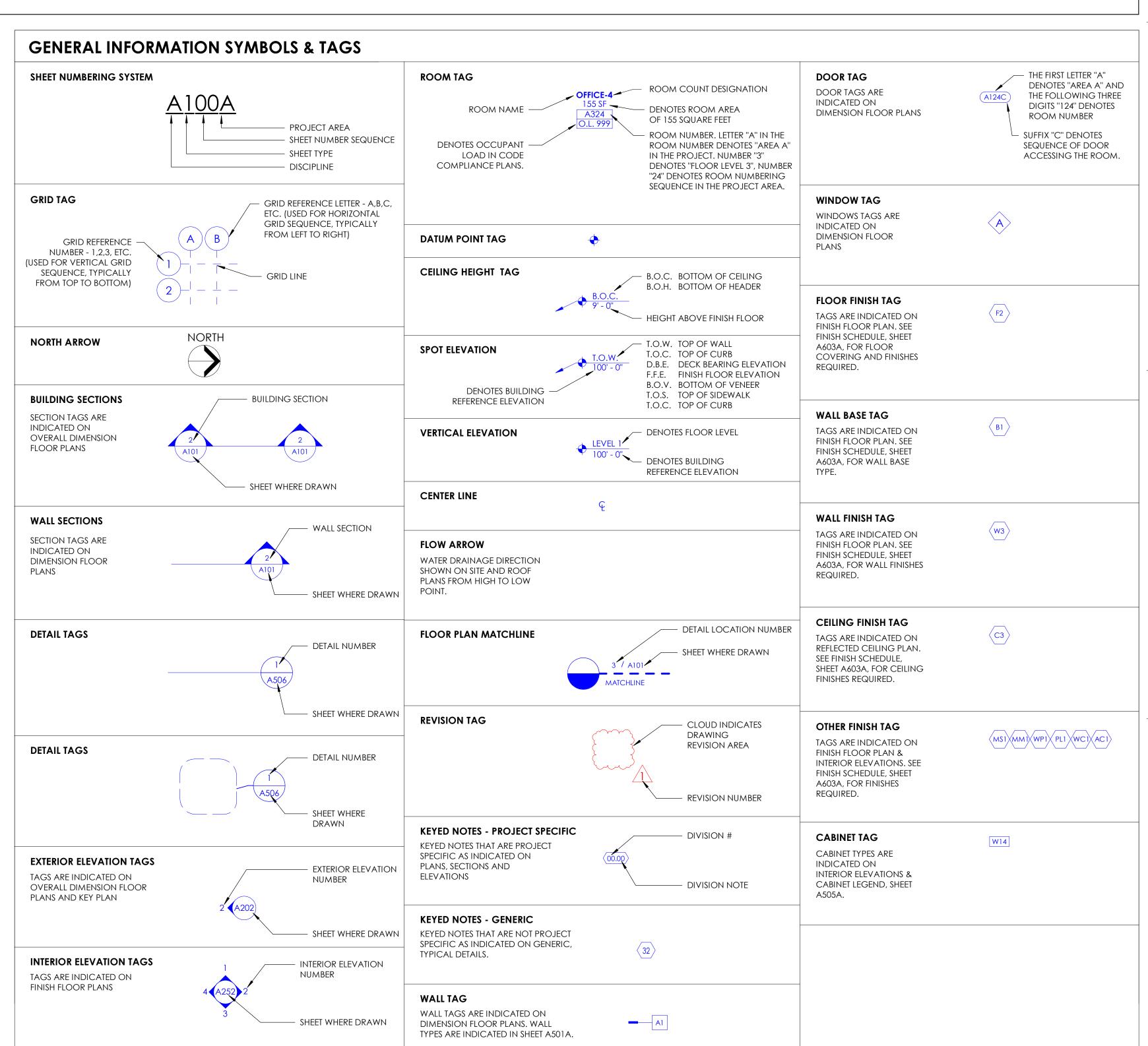
Masonry

Brick

Block

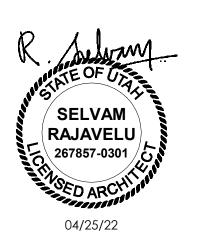
Concrete

Gypsum Board





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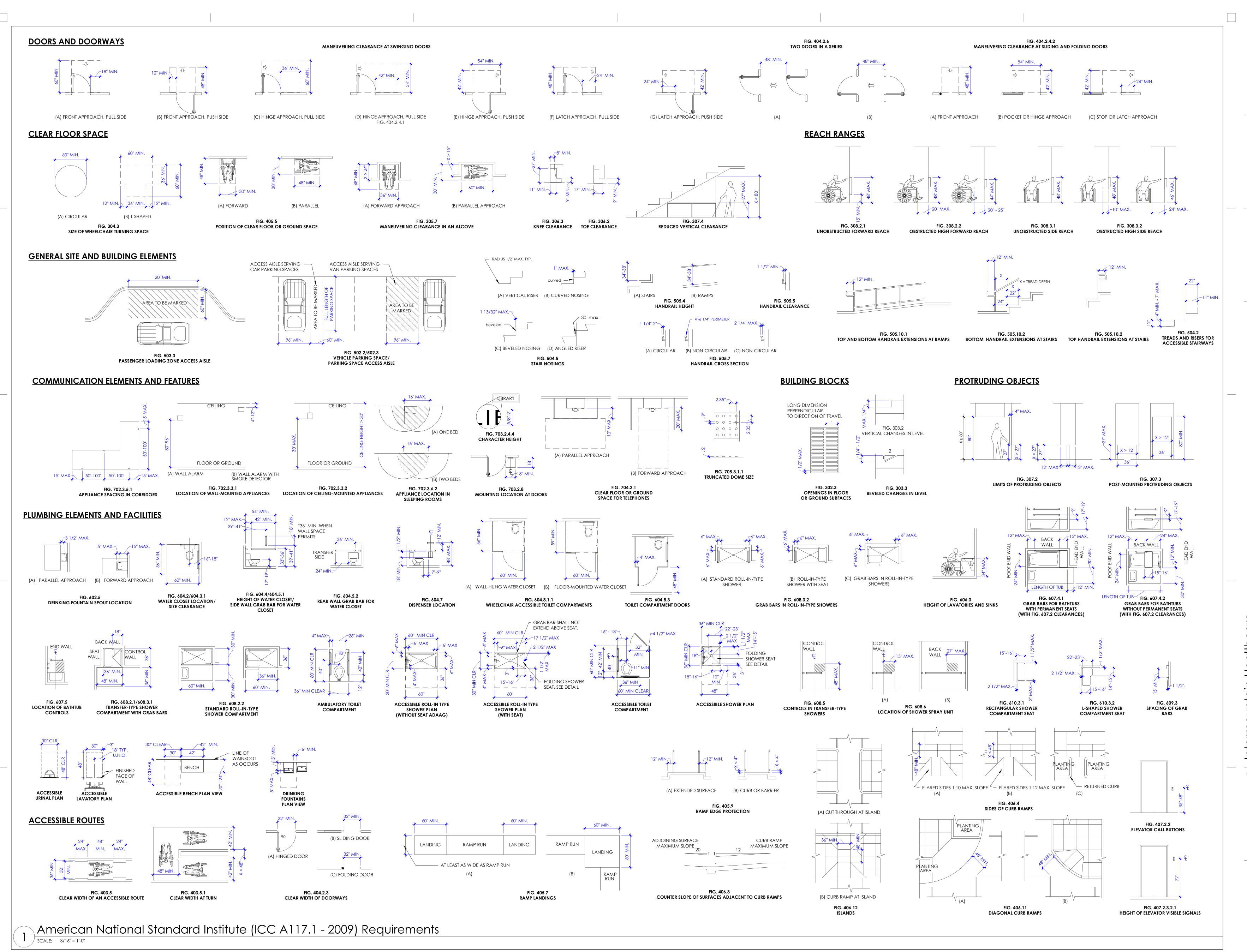


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> General Information

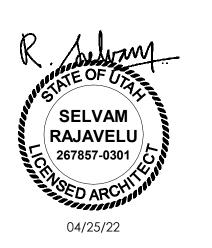
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May 9, 2022



NJR / ARCHITECTS

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Infermountain Healthcare

IMC - South Office Tower

Neurosurgery Clinic Expansion

S171 South Cottonwood Street

Murray, Utah 84107

Murray, Utah 84107

American
National
Standard
Institute
Requirements

LEGEND - SITE PLAN

SITE COMPONENTS (FENCES, HYDRANTS, SIDEWALKS, ETC) INDICATED BELOW IN THIS LEGEND ARE DRAWN AT 1/16" = 1'-0" SCALE, COMPONENTS SHALL APPEAR HALF THE SIZE (SMALLER) ON PLANS DRAWN AT 1/32" = 1'-0" SCALE.

o	BOLLARD
0—0—0	FENCE LINE (ORNAMENTAL)

FENCE LINE (CHAIN LINK)

FIRE HYDRANT

PROPERTY LINE

LIGHT POLE

POWER POLE

CATCH BASIN

CONCRETE SIDEWALK OR PAVING WITH CONTROL JOINTS

LEGEND - DEMOLITION FLOOR PLAN

BUILDING COMPONENTS (DOORS, WALLS, ETC) INDICATED BELOW IN THIS LEGEND ARE DRAWN AT 1/4" = 1'-0" SCALE. COMPONENTS SHALL APPEAR HALF THE SIZE (SMALLER) ON PLANS DRAWN AT 1/8" = 1'-0" SCALE.



_ _ _ _ _ _ _ _ _

EXISTING DOOR TO BE DEMOLISHED

EXISTING WINDOW TO REMAIN

EXISTING WALL TO BE DEMOLISHED.

EXISTING PLUMBING

FIXTURES TO REMAIN

EXISTING PLUMBING

FIXTURES TO BE DEMOLISHED

DEMOLISHED

EXISTING WINDOW TO BE

EXISTING WALL TO REMAIN

STRUCTURAL DRAWINGS FOR MORE INFORMATION. NEW CMU WALL. SEE STRUCTURAL DRAWINGS FOR MORE INFORMATION.

NEW CAST-IN-PLACE CONCRETE WALL. SEE WALL TAGS ON DIMENSION PLANS FOR MORE INFORMATION.

LEGEND - FLOOR & DIMENSION PLANS

BUILDING COMPONENTS (DOORS, WALLS, ETC) INDICATED BELOW IN THIS LEGEND

ARE DRAWN AT 1/4" = 1'-0" SCALE. COMPONENTS SHALL APPEAR HALF THE SIZE

(SMALLER) ON PLANS DRAWN AT 1/8" = 1'-0" SCALE.

NEW PLUMBING FIXTURES

NEW DOOR IN NEW WALL. SEE DOOR

NEW WINDOW. SEE WINDOW TYPES. TAGS ARE PLACED ON THE FRONT

NEW METAL STUD WALL. SEE WALL

TAGS ON DIMENSION PLANS AND WALL TYPES SHEET A501A FOR MORE

NEW BRICK MASONRY WALL. SEE

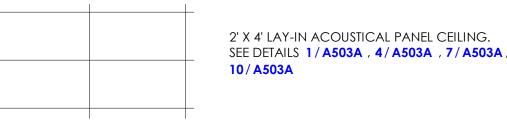
SCHEDULE.

SIDE OF WINDOW.

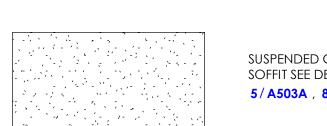
INFORMATION.

LEGEND - REFLECTED CEILING PLAN

BUILDING COMPONENTS (CEILING, LIGHT FIXTURES, ETC) INDICATED BELOW IN THIS LEGEND ARE DRAWN AT 1/4" = 1'-0" SCALE. COMPONENTS SHALL APPEAR HALF THE SIZE (SMALLER) ON PLANS DRAWN AT 1/8" = 1'-0" SCALE.



2' X 2' LAY-IN ACOUSTICAL PANEL CEILING. SEE DETAILS 1/A503A, 4/A503A, 7/A503A



9'-0"

SUSPENDED GYPSUM BOARD CEILING OR SOFFIT SEE DETAILS 2/A503A, 3/A503A 5/A503A, 8/A503A

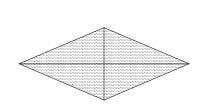


DRAWINGS CEILING HEIGHT ABOVE FINISHED FLOOR

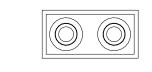
NEW 2' X 4' LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS

LEGEND - ROOF PLAN

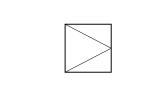
BUILDING COMPONENTS (ROOF DRAINS, HATCH, ETC.) ARE DRAWN AT 1/4" = 1' - 0". ON PLANS DRAWN AT 1/8" = 1' - 0" SCALE, COMPONENTS SHALL APPEAR HALF THIS



TAPERED INSULATION CRICKET WITH 1/8" PER FOOT SLOPE, MINIMUM, ALONG VALLEY AND 1/4" PER FOOT SLOPE, MINIMUM, ACROSS CRICKET.



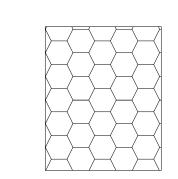
ROOF DRAIN. SEE DETAIL -/---



ROOF HATCH SEE DETAIL -/---



SLOPE DOWN DIRECTION FOR WATER FLOW TOWARD ROOF DRAINS.



AS ROOF STRUCTURE IS LEVEL (FLAT WITH NO SLOPE) IN THIS AREA, USE TAPERED INSULATION (1/4" PER FOOT SLOPE) FOR DRAINAGE. PROVIDE CRICKETS AS REQUIRED ON THE TOP OF TAPERED INSULATION.

RAJAVELU 267857-0301

ARCHITECTS

Murray, Utah 84123

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GENERAL NOTES

- STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS (IF PRESENT) ARE SUPPLEMENTAL TO THE ARCHITECTURAL DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CHECK WITH THE ARCHITECTURAL DRAWINGS BEFORE THE INSTALLATION OF MECHANICAL OR ELECTRICAL CONSTRUCTION. ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL AND CONSULTING ENGINEERS' DRAWINGS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION FOR CLARIFICATION. ANY CONSTRUCTION INSTALLED IN CONFLICT WITH THE ARCHITECTURAL DRAWINGS SHALL BE CORRECTED BY THE GENERAL CONTRACTOR AT HIS/HER OWN EXPENSE
- AND AT NO EXPENSE TO THE OWNER OR ARCHITECT. ALL WORK SHALL COMPLY WITH THE CURRENT ADA ACCESSIBILITY GUIDELINES
- (AMERICANS WITH DISABILITIES ACT). REFER TO THE CODE COMPLIANCE PLAN FOR APPLICABLE CODES GOVERNING THIS WORK. CODE REQUIREMENTS AND REGULATIONS SHALL BE CONSIDERED AS MINIMUM. WHERE THE CONTRACT DOCUMENTS EXCEED (WITHOUT VIOLATING) CODE AND REGULATION REQUIREMENTS, CONTRACT DOCUMENTS SHALL TAKE PRECEDENCE, IF CONFLICT EXIST, THE MORE STRINGENT SHALL APPLY, COMPLY WITH REQUIREMENTS OF THE ADOPTED EDITIONS OF THE INTERNATIONAL CODE COUNCIL CODES, THE CODES AND STANDARDS REFERENCED WITHIN THE ICC CODES AND THE AMERICANS WITH DISABILITIES ACT.
- . THE CONTRACTOR SHALL PROVIDE ADEQUATE BARRICADES AND PROTECTIVE DEVICES SEPARATING CONSTRUCTION AREAS, TEMPORARY PASSAGES SHALL BE PROVIDED AS REQUIRED. PRIOR TO DELIVERY OF MATERIALS TO CONSTRUCTION ZONE AND REMOVAL OF WASTE FROM SITE, THE CONTRACTOR SHALL CHECK WITH
- THE OWNER FOR AN ACCEPTABLE ROUTE AND TIME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER LOCATION AND SIZE OF OPENINGS FOR ALL TRADES AND SHALL COORDINATE ALL CONSTRUCTION AS INDICATED BY THE CONTRACT DOCUMENTS, INCLUDING SHOP DRAWINGS
- REVIEWED BY THE ARCHITECT. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND NOTIFY THE
- ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF WORK. . FOR ALL REMODEL WORK AS OCCURS, THE CONTRACTOR SHALL COORDINATE WITH THE OWNER ALL MEASURES TO ACCOMPLISH THE WORK WITH THE MINIMUM OF INTERRUPTION TO NORMAL BUILDING PROCEDURES. SYSTEM SHUTDOWNS OF HVAC, PLUMBING, ELECTRICAL, AND NOISY CONSTRUCTION INCLUDING ROTO HAMMER, SAW CUTTING, CONCRETE ANCHORS, ETC. SHALL BE COORDINATED WITH THE
- OWNER AT LEAST 72 HOURS PRIOR TO COMMENCEMENT. . ALL DIMENSIONS ARE SHOWN TO FACE OF GYPSUM BOARD OF NEW CONSTRUCTION OR STRUCTURAL WALL, UNLESS NOTED OTHERWISE. ALL DRAWINGS. THOUGH NOTED TO SCALE ARE FOR ILLUSTRATION ONLY. THE CONTRACTOR SHALL NOT SCALE DRAWINGS. WHEN A DETAIL IS IDENTIFIED AS TYPICAL, THE CONTRACTOR IS TO APPLY THIS DETAIL
- IN ESTIMATING AND CONSTRUCTION TO EVERY LIKE CONDITION WHETHER OR NOT THE REFERENCE IS REPEATED IN EVERY INSTANCE. DRAWINGS HAVE BEEN DETAILED IN COMPLIANCE WITH U.L. LISTING REQUIREMENTS AND ICBO REPORTS FOR THE MATERIALS SPECIFIED. IF AN ALTERNATE OR SUBSTITUTED MATERIAL IS ACCEPTED AS AN EQUAL BY THE GENERAL CONTRACTOR, HE/SHE WILL ASSUME THE RESPONSIBILITY FOR WHATEVER CONSTRUCTION MODIFICATION
- AND/OR ADDITIONAL COSTS ARE REQUIRED. ALL TRASH SHALL BE REMOVED DAILY. BUILDING MATERIALS MAY NOT BE STORED IN THE CORRIDORS AT ANY TIME. BLOCKAGE OF ANY REQUIRED EXIT IS PROHIBITED. A. ALL PENETRATIONS INTO SOUND OR FIRE RATED PARTITIONS, FLOORS OR CEILING ASSEMBLIES SHALL BE SEALED WITH APPROVED PERMANENT RESILIENT SEALANT. REFER TO IBC CURRENT VERSION FOR REQUIREMENTS FOR OPENINGS IN FIRE RATED WALLS. FOR OPENINGS LESS THAN 16 SQUARE INCHES, THE SPACE BETWEEN THE WALL AND ALLOWED PENETRATIONS MUST BE SEALED TO PREVENT THE MOVEMENT OF HOT FLAME OR GASES, ELECTRICAL DEVICES, RECESSED CABINETS, ETC. SHALL BE SEALED.

LINED, INSULATED OR OTHERWISE TREATED TO MAINTAIN THE INTEGRITY OF THE

- ASSEMBLY. SEE PENETRATION DETAILS. ABBREVIATIONS THROUGHOUT THE PLAN ARE THOSE IN COMMON USE. THE ARCHITECT SHALL DEFINE THE INTENT OF ANY IN QUESTION.
-). THE CONTRACTOR SHALL VERIFY SIZES AND LOCATIONS OF WATER AND DRAIN INSTALLATIONS AND OTHER REQUIRED SERVICES WITH EQUIPMENT MANUFACTURERS. MAINTAIN ALL EXISTING SPRAY-APPLIED FIRE PROOFING ON STEEL STRUCTURAL MEMBERS. WHERE EXISTING FIRE PROOFING IS REMOVED FOR INSTALLATION OF NEW BEAMS, UNISTRUTS, ETC. THE CONTRACTOR SHALL PATCH AGAIN WITH EQUIVALENT
- FIRE PROOFING MATERIAL TO MATCH ADJACENT EXISTING MATERIAL. Q. ALL WOOD CANTS, NAILERS, CURBS, ETC. THROUGHOUT JOB SHALL BE FIRE RETARDANT PRESSURE-TREATED, AS PER I.B.C. CURRENT VERSION. SEE RELEVANT
- . CONTRACTOR SHALL REFER TO THE PROJECT MANUAL FOR A COMPLETE LIST OF GENERAL CONDITIONS, SPECIAL CONDITIONS AND OTHER NOTES.

GENERAL NOTES - DEMOLITION SITE PLAN

- INCLUDING BUT NOT LIMITED TO UNDERGROUND UTILITIES AND SERVICE LINES, IRRIGATION LINES AND SUB SURFACE STRUCTURES AND ALL OTHER EXISTING
- . GENERAL CONTRACTOR SHALL PROTECT ALL EXISTING CONSTRUCTION TO REMAIN
- :. CONTRACTOR SHALL INCLUDE IN THEIR BID THE AMOUNT FOR COST ASSOCIATED WITH DEMOLITION, CORE-DRILLING, REMOVAL AND REPLACEMENT OF EXISTING CEILINGS, WALLS AND FINISHES REQUIRED FOR THE INSTALLATION OF MECHANICAL AND ELECTRICAL ITEMS IN THE EXISTING BUILDING. SEE STRUCTURAL, MECHANICAL, OF CONSTRUCTION SHALL BE REPAIRED TO PROVIDE A NEW APPEARANCE. BIDS SHALL INCLUDE FIRESAFING AT THE FIRE-RATED WALLS WHICH ARE IDENTIFIED ON
- CODE COMPLIANCE PLANS. NOT ALL TREES AND VEGETATION ARE SHOWN ON ARCHITECTURAL SITE PLANS. COORDINATE WITH ARCHITECT IF QUESTIONS ARISE REGARDING DEMOLITION OR PRESERVATION OF EXISTING LANDSCAPING.
- **DEMOLITION INFORMATION**

GENERAL NOTES - SITE PLAN

A. SEE CIVIL DRAWING FOR SITE UTILITIES, DIMENSIONS, SIDEWALKS, AND ALL OTHER SITE RELATED ITEMS AND DETAILS.

- A. GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING SITE AND BUILDING CONDITIONS CONSTRUCTION BOTH ABOVE AND BELOW GRADE.
- FROM DAMAGE DURING BOTH DEMOLITION AND NEW CONSTRUCTION WORK AND SHALL REPAIR ANY DAMAGE RESULTING FROM THIS WORK.
- PLUMBING AND ELECTRICAL DRAWINGS FOR AREAS WHERE NEW WORK IS REQUIRED AT THE EXISTING BUILDING, ANY EXISTING FINISHES THAT ARE DAMAGED AS A RESULT
- EXISTING SITE FENCING THAT IS TO REMAIN SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE THAT OCCURS SHALL BE REPAIRED OR REPLACED AT THE CONTRACTORS EXPENSE.
 - SEE CIVIL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR ADDITIONAL

GENERAL NOTES - DEMOLITION FLOOR PLAN

- A. CONTRACTOR SHALL VERIFY ALL EXISTING SITE AND BUILDING CONDITIONS INCLUDING UNDERGROUND UTILITIES AND SERVICE LINES, IRRIGATION LINES AND SUB SURFACE STRUCTURES AND ALL OTHER EXISTING CONSTRUCTION BOTH ABOVE AND
- B. PRIOR TO REMOVAL OF EXISTING BUILDING MATERIALS (INCLUDING WALLS, DOORS, WINDOWS, CEILING, ETC.) INDICATED IN THE DEMOLITION PLANS, CONTRACTOR SHALL THOROUGHLY COORDINATE ARCHITECTURAL FLOOR PLANS, CEILING PLANS. FINISH SCHEDULES AND ALL CONSULTANT DRAWINGS TO DETERMINE EXACT EXTENT
- C. COORDINATE WITH OWNER'S REPRESENTATIVE REGARDING ITEMS SHOWN TO BE REMOVED THAT WILL BECOME PROPERTY OF THE OWNER. CAREFULLY REMOVE SUCH ITEMS SO AS NOT TO DAMAGE THEM.
- D. IN EXISTING WALLS THAT ARE NOTED TO REMAIN, ANY NAILS, SCREWS, OR OPENINGS THAT REMAIN AS A RESULT OF EXISTING EQUIPMENT REMOVAL OR WALL REMOVAL SHALL BE PATCHED WITH SMOOTH, EVEN, INVISIBLE TRANSITION, IN PLACES WHERE THE EXISTING WALL IS CUT FOR INSTALLATION OF POWER OUTLETS, SWITCH, THERMOSTAT, ETC. PATCH OPENING IN WALL WITH GYPSUM BOARD. PROVIDE SMOOTH, EVEN, INVISIBLE TRANSITION BETWEEN NEW AND EXISTING WALL FINISH.
- . THE OWNERS STAFF WILL CONTINUE TO OCCUPY AREAS DIRECTLY ADJACENT TO THE CONSTRUCTION AREA. THE CONTRACTOR AND SUB-CONTRACTORS SHALL TAKE ALL NECESSARY MEASURES TO MINIMIZE DISRUPTION ACTIVITIES CONDUCTED BY THE OWNERS STAFF. THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE OF NOISY ACTIVITIES, SHUT-DOWNS, AND ANY OTHER ACTIVITIES WHICH MAY DISRUPT NORMAL OPERATIONS PRIOR TO PERFORMING THE WORK.
- ONCE FLOORING DEMOLITION HAS OCCURRED, CLEAN AND PREPARE FLOOR TO RECEIVE NEW FLOOR COVERINGS. THIS SHALL BE COORDINATED WITH THE FINISH SCHEDULE AND MANUFACTURER OF NEW PRODUCTS FOR FLOOR PREPARATION G. ITEMS SHOWN ON THESE FLOOR PLANS FOR REMOVAL ARE BUILT-IN ITEMS.
- EQUIPMENT, FURNITURE, & OTHER ITEMS EXISTING IN THE SPACE THAT ARE NOT BUILT-IN SHALL BE REMOVED OR CLEARED TEMPORARILY BY THE OWNER.

GENERAL NOTES - FLOOR & DIM. PLANS

- . REFER TO THE CODE COMPLIANCE PLANS FOR INDICATION OF FIRE RATED WALLS. 3. AT LOCATIONS WITHOUT CEILINGS (ROOM IS OPEN TO STRUCTURE ABOVE), EXTEND ALL WALLS, SOFFITS, AND HEADERS (INCLUDING ALL STUD FRAMING, GYPSUM BOARD, INSULATION & CMU, WHERE APPLICABLE) TO THE METAL ROOF DECK
- WHEN FLOOR HEIGHT VARIES IN A ROOM, THE CEILING HEIGHT SHOWN IS THE HEIGHT ABOVE THE FLOOR AT THE ENTRY, UNO. . SEE INTERIOR ELEVATIONS FOR TOILET AND BATHROOM ACCESSORIES (GRAB BARS. MIRRORS, DISPENSERS, ETC.).

b. WHERE THE CENTER OF WALL COINCIDES WITH THE MAIN GRID LINE OR 4'-0" X 4'-0"

- AT ALL VERTICAL EDGES OF INTERIOR CMU WALLS THAT ARE VISIBLE, USE BULLNOSE CMU BLOCKS FROM FINISHED FLOOR ELEVATION TO A HEIGHT OF 7'-4". FOR CLARITY SAKE, DIMENSIONS ARE NOT SHOWN AT THE FOLLOWING LOCATIONS: a. WHERE THE FACE OF WALL COINCIDES WITH THE MAIN GRID LINE OR 4'-0" X 4'-0" SUBGRID.
- SUBGRID. G. VERIFY WITH ARCHITECT FOR DIMENSIONS NOT SHOWN. I. SEE STRUCTURAL DRAWINGS FOR CMU WALLS, MASONRY COLUMNS, AND MASONRY BEAMS. SEE BUILDING EXTERIOR ELEVATIONS FOR VENEER TYPES. SEE FINISH SCHEDULE FOR CMU THAT IS HONED, SCORED, SEALED, PAINTED, ETC.
- SEE CIVIL, FOOD SERVICE, PLUMBING, AND MECHANICAL DRAWINGS FOR FLOOR SINKS, FLOOR DRAINS, AND OPENINGS IN FLOOR SLABS AND ROOFS FOR
- DUCTWORK, ETC. SEE DOOR AND WINDOW SCHEDULE FOR THE REQUIRED DOOR AND WINDOW OPENING SIZES
- SEE FINISH SCHEDULE AND STRUCTURAL DRAWINGS AND PROVIDE RECESS IN CONCRETE FLOOR SLAB AS REQUIRED TO ACCOMMODATE FLOOR FINISHES. CONCRETE FLOOR SLAB THAT IS ON GRADE, SHALL BE RECESSED AS REQUIRED, FOR A THICK SET MORTAR FOR CERAMIC TILE FINISH. SLOPE SHALL BE AT 1/8" PER FOOT TOWARDS THE FLOOR DRAIN. CONCRETE FLOOR SLAB, THAT IS NOT ON GRADE, NEED NOT BE RECESSED. IN SUCH LOCATION, USE THIN SET MORTAR FOR CERAMIC TILE FINISH WITH A GENTLE SLOPE TOWARDS DRAIN.
- ALL PENETRATIONS (PIPES, CONDUITS, JOISTS, ETC.) THROUGH FIRE RATED BARRIER WALLS SHALL BE SEALED COMPLETELY WITH FIRE RATED SEALANTS. FILL GAP BETWEEN FLUTES OF THE METAL DECK AND METAL TRACK TOP RUNNER WITH FIRE RATED SEALANTS. SEAL TIGHTLY AROUND PIPES, CONDUITS, DUCTS, ETC. THAT PENETRATES THE FIRE BARRIER WALL WITH FIRE RATED SEALANTS. APPLY SEALANT AS PER MANUFACTURERS RECOMMENDATIONS WITH ANY ADDITIONAL MATERIAL AS REQUIRED INSTALLED AROUND PENETRATIONS TO MAINTAIN THE INTEGRITY OF THE FIRE WALL. SEE MECHANICAL DRAWINGS FOR FIRE AND SMOKE DAMPERS.
- M. WALL CABINETS HAVE A DEPTH OF 1'-3" UNLESS NOTED OTHERWISE. N. ALL MASONRY MORTAR JOINTS LOCATED INSIDE THE BUILDING SHALL BE TOOLED JOINTS, UNLESS NOTED OTHERWISE. MASONRY JOINTS ON THE BUILDING EXTERIOR SIDE SHALL BE RAKED JOINTS AS INDICATED IN BUILDING EXTERIOR ELEVATIONS.
- O. SEE OVERALL FLOOR PLAN SHEETS FOR ANGLES, PIVOT POINT AND DIMENSIONS BETWEEN GRID LINES.
- P. SEE CODE COMPLIANCE FLOOR PLANS FOR LOCATION OF FIRE BARRIER, NON RATED WALLS, ETC.
- Q. SEE ENLARGED FLOOR PLANS FOR ADDITIONAL DIMENSIONS.
- R. IN SOME PROJECTS, DUE TO THE LARGE BUILDING FOOTPRINT SIZE, FLOOR PLANS ARE SPLIT AS AREAS A, B, C, ETC. AND EACH AREA IS INDICATED ON SEPARATE SHEETS. MATCH LINES INDICATE THE BOUNDARIES OF EACH AREA. WHEN CONTRACTORS ARE PREPARING BID FOR THE PROJECT, COST SHALL INCLUDE ONLY THE BUILDING ELEMENTS AND ASSOCIATED CONSTRUCTION WORK CALLED OUT WITH KEYED NOTES IN THE AREA INDICATED ON THE SHEET. KEYED NOTES INDICATED OUTSIDE THE MATCH LINE IN ADJACENT FLOOR AREAS SHALL NOT BE COUNTED FOR THAT AREA. THIS AVOIDS DUPLICATION OF BUILDING ELEMENTS AND CONSTRUCTION WORK.

GENERAL NOTES - REFLECTED CEILING PLAN

- . SEE MECHANICAL DRAWINGS FOR DIFFUSER LOCATIONS IN CEILING. CONTRACTOR SHALL COORDINATE WITH LIGHT FIXTURES (AS INDICATED IN ELECTRICAL DRAWINGS) AND MOVE DIFFUSERS AROUND THE LIGHT FIXTURE IF THERE IS ANY CONFLICT BETWEEN THE TWO.
- SOME OF THE ITEMS ON CEILING INDICATED IN MECHANICAL AND ELECTRICAL DRAWINGS, MAY OR MAY NOT BE INDICATED ON ARCHITECTURAL CEILING PLANS. SEE MECHANICAL AND ELECTRICAL DRAWINGS AND COORDINATE WITH ARCHITECT FOR ANY REQUIRED CLARIFICATIONS.
- CONTRACTOR SHALL NOT HANG CEILING TILES AND LIGHTS FROM DUCTS. FOR AREAS ABOVE THE CEILING WHERE OVERSIZE DUCTS OCCUR SEE DETAIL 11 / A503A .
- PAINT ALL VISIBLE EXPOSED ITEMS LIKE METAL DECK, STEEL ANGLES, STEEL BEAMS, STEEL TRUSSES, MISCELLANEOUS EXPOSED STEEL STRUCTURAL COMPONENTS, HOLLOW METAL DOORS, DOOR FRAMES & WINDOW FRAMES. PAINT EXPOSED SURFACES (WITH COLORS AND ACCENT COLORS AS SELECTED BY ARCHITECT) EXCEPT WHERE NATURAL FINISH OR MATERIAL IS SPECIFICALLY NOTED AS A SURFACE NOT TO BE PAINTED. DO NOT PAINT CONCEALED SURFACES, FINISHED METAL SURFACES, OPERATING PARTS AND PRE FINISHED ITEMS.

GENERAL NOTES - ROOF PLAN

- A. PROVIDE CRICKET ON THE HIGH SIDE OF ROOF AT ALL CURB LOCATIONS FOR MECHANICAL EQUIPMENT, SKYLIGHT, ROOF HATCH, ETC. WHETHER INDICATED ON THE ROOF PLAN OR NOT.
- PROVIDE WEATHERHEAD (GOOSNECK 2" CONDUIT) WHERE CONDUCTORS PENETRATE ROOF FOR DISCONNECT SWITCHES, POWER OUTLETS, ETC. SECURE GOOSENECK TO STRUCTURE BELOW.
 - PROVIDE WALKWAY PADS BETWEEN MECHANICAL EQUIPMENT, TO AND FROM ROOF HATCHES AND OTHER ROOF ACCESS POINTS, AND AROUND MECHANICAL EQUIPMENT REQUIRING PERIODIC MAINTENANCE.

GENERAL NOTES - WALL SECTIONS

- .. ALL EXTERIOR WALL FINISHES ARE TO BE 6" ABOVE FINISH GRADE, TYPICAL. SEE WINDOW SCHEDULE FOR WINDOW OPENINGS AND SILL HEIGHT (UNLESS NOTED
- ON THE EXTERIOR ELEVATIONS). SEE DOOR SCHEDULE FOR DOOR OPENING SIZES. ALL FINISHES TO BE INSTALLED PER MANUFACTURER RECOMMENDATIONS AND PER SPECIFICATION SECTION IN THE PROJECT MANUAL.
- SEE FINISH FLOOR PLANS FOR AREAS WHERE HONED CMU BLOCKS ARE INDICATED. AT THESE AREAS, THE CONTRACTOR HAS THE OPTION OF USING REGULAR BLOCK IN CONCEALED AREAS AND CEILING SPACES THAT ARE NOT VISIBLE. SPACING BETWEEN STRUCTURAL MEMBERS SHALL FOLLOW INDICATIONS GIVEN ON
- STRUCTURAL PLANS (TYPICAL). FIRE PROTECTION ON ASSEMBLIES, ELEMENTS AND MEMBERS SHALL COMPLY WITH ALL THE CODE REQUIREMENTS, TYPICAL - REFER TO CODE COMPLIANCE PLANS.
- . WOOD MATERIAL UNDER TYPE IIB CONSTRUCTION SHALL BE FIRE-RETARDANT. PRESSURE-TREATED, TYPICAL, U.N.O. . ALL INTERIOR WALLS SHALL BE BUILT FOLLOWING WALL TYPE DETAILS, TYPICAL. IN ROOMS/AREAS WHERE HONED, SCORED OR COLORED C.M.U. BLOCKS ARE
- INDICATED FOR WALLS IN THE FINISH SCHEDULE, CONTRACTOR HAS THE OPTION OF USING REGULAR (LESS EXPENSIVE NATURAL GRAY COLOR) BLOCKS IN CONCEALED AREAS AND CEILING SPACES THAT ARE NOT VISIBLE. THIS DOES NOT APPLY TO AREAS THAT CAN CHANGE OVER THE LIFE OF THE BUILDING SUCH AS WALL LOCATED BEHIND CABINETS, ARTWORK, WHITE BOARD, TACK BOARD, ETC. WHEN OTHER BLOCKS ARE SUBSTITUTED, THE STRUCTURAL INTEGRITY OF THE BLOCK SHALL REMAIN THE SAME AS BLOCK INDICATED IN STRUCTURAL DRAWINGS AND SPECIFICATION
- AT INTERIOR MASONRY WALL OUTSIDE CORNERS, PROVIDE BULL NOSE BLOCK. CORE DRILLING WALLS AND SLABS: CONTRACTOR SHALL USE GROUND PENETRATING RADAR OR OTHER APPROVED METHOD TO SCAN CONCRETE OVER METAL DECK. CONCRETE SUSPENDED SLABS, MASONRY WALLS, AND CONCRETE WALLS TO LOCATE REBAR PRIOR TO CORE DRILLING ANY HOLES. HOLES SHALL BE LOCATED TO AVOID REBAR DETECTED. ALL OPENINGS AND GROUPS OF OPENINGS SHALL BE REINFORCED AS SHOWN ON THE STRUCTURAL DRAWINGS. OPENINGS NOT SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER PRIOR TO DRILLING.

SECTION IN THE PROJECT MANUAL.

GENERAL NOTES - INTERIOR ELEVATIONS

- A. PROVIDE LOCKS FOR CABINETS AS INDICATED ON THE CABINET LEGEND ON SHEET A505A AND IF INDICATED ON INTERIOR ELEVATIONS. B. IN ROOMS WHERE CABINETS ARE REQUIRED TO BE LOCKED, PROVIDE LOCKS OPERABLE WITH SINGLE KEY.
- . FOR TYPICAL MOUNTING HEIGHTS, SEE SHEET G003. FOLLOW THE HEIGHT UNLESS NOTED OTHERWISE IN INTERIOR ELEVATIONS. VERIFY WITH ARCHITECT FOR ITEMS NOT
- INSTALLED ITEMS AND PROVIDE BACKING IN WALL AS REQUIRED FOR INSTALLATION. INTERIOR ELEVATIONS OF CERTAIN ROOMS ARE NOT DRAWN AND ARE NOTED AS SIMILAR ELEVATIONS OF ROOMS THAT ARE INDICATED IN THE DRAWINGS.
- 5/8" PARTICLE BOARD) WHEREVER GAP OCCURS BETWEEN CABINETS AND WALL. G. SEE FINISH FLOOR PLANS AND FINISH SCHEDULE A603A FOR WALL, CABINET AND COUNTERTOP FINISHES
- OTHERWISE, ALL THE CABINETS AND COUNTERTOPS IN EACH ROOM SHALL BE OF THE SAME FINISH (PL1, PL2, SS1, ETC.) AS INDICATED ON THE INTERIOR ELEVATION OF EACH ROOM. WHERE MULTIPLE FINISHES ARE REQUIRED FOR CABINETS, WALLS, ETC. IN THE ROOM, EACH FINISH IS INDICATED SEPARATELY. CONTACT ARCHITECT FOR REQUIRED CLARIFICATIONS. COUNTERTOPS ARE TYPICALLY SUPPORTED BY WALLS AND BASE CABINETS. IN PLACES
- WHERE COUNTERTOP SPAN EXCEEDS 4' 0", STEEL SUPPORTS SHALL BE PROVIDED AS INDICATED IN DETAILS 4/A505B AND 5/A505B AS INDICATED ON INTERIOR ELEVATIONS, WALL CABINETS AT CERTAIN LOCATIONS
- MAY REQUIRE A VERTICAL OR A SLOPED FASCIA PANEL. AN ENLARGED FLOOR PLAN HAS BEEN INCLUDED ALONG WITH INTERIOR ELEVATIONS FOR ROOMS THAT ARE COMPLEX IN DESIGN. SUCH COMPLEX ROOMS
- (STARTING WITH SHEET A251).

- . CONTRACTOR SHALL VERIFY WITH OWNER FOR OWNER FURNISHED CONTRACTOR
- CONTRACTOR SHALL PROVIDE FILLER PANELS (PLASTIC LAMINATE WRAPPED OVER
- H. SEE SHEET A505A FOR CABINET LEGEND (TYPES B1, W1, T1, ETC.). UNLESS NOTED
- ARE INDICATED ON THE A400 SERIES SHEETS (STARTING WITH SHEET A401). ENLARGED FLOOR PLANS ARE NOT SHOWN FOR ROOMS THAT ARE SIMPLE IN DESIGN. INTERIOR ELEVATIONS OF SUCH SIMPLE ROOMS ARE INDICATED ON THE A250 SERIES SHEETS

FOR ALL CABINETS PROVIDE BACKING IN WALL AS PER DETAIL 3/A505B.

General

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. Sub-contractor under Section 'door hardware', Shall provide all the DOOR HARDWARE FOR ALL THE WOOD AND HOLLOW METAL DOORS. SEE DOOR SCHEDULE FOR WOOD AND HOLLOW METAL DOORS AND THE REQUIRED

A. SEE PROJECT MANUAL FOR DOOR HARDWARE SCHEDULE.

GENERAL NOTES - DOOR SCHEDULE

SCHEDULE FOR ALUMINUM DOORS AND THE REQUIRED HARDWARE.

B. SUB-CONTRACTOR UNDER SECTION 'ALUMINUM ENTRANCES AND STOREFRONT'

SHALL PROVIDE ALL THE DOOR HARDWARE FOR ALL ALUMINUM DOORS. SEE DOOR

D. ALL EXTERIOR DOORS SHALL BE INSULATED. E. FIELD VERIFY WINDOW AND DOOR FRAME OPENING SIZES BEFORE FRAME INSTALLATION. OVERALL DIMENSIONS INDICATED FOR EACH FRAME TYPE ARE ROUGH OPENING SIZES IN WALLS. CONTRACTOR SHALL ADJUST INNER DIMENSIONS AS REQUIRED TO MAKE DOORS AND WINDOWS WORK. ELECTRICAL DEVICES SUCH AS MAG. LOCKS, CARD READERS AND ALARM SYSTEMS BEING PART OF THE DOOR FUNCTION ARE INCLUDED AS PART OF THE ELECTRICAL

PLANS AND THE HARDWARE GROUPS. GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE LOCATIONS OF CARD READERS ETC. SHOWN ON ARCHITECTURAL

AND ELECTRICAL DRAWINGS WITH ALL TRADES INVOLVED. G. COORDINATE DOORS & GATES OUTSIDE BUILDING WITH SITE PLAN.

GENERAL NOTES - EXTERIOR ELEVATIONS

ALL FINISHES TO BE INSTALLED PER MANUFACTURER RECOMMENDATIONS AND PER

A. SEE WINDOW SCHEDULE FOR WINDOW OPENINGS AND SILL HEIGHT. SEE DOOR SCHEDULE FOR DOOR OPENING SIZE. SEE LEGEND FOR BRICK VENEER TYPE.

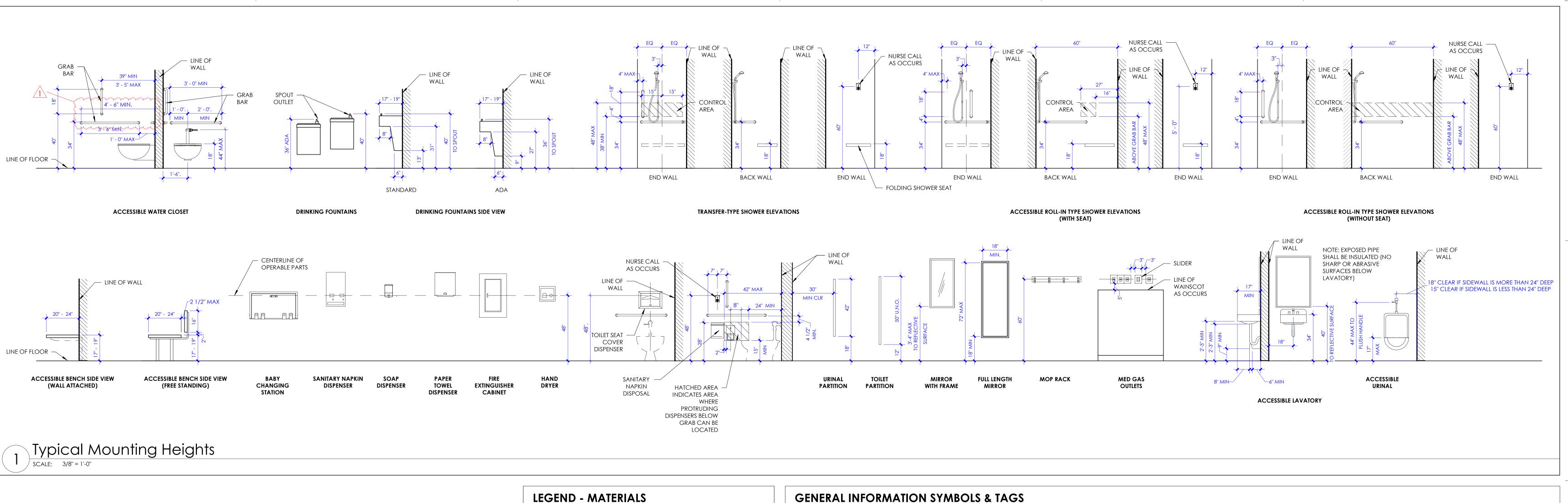
SPECIFICATION SECTION IN THE PROJECT MANUAL.

- B. NOT ALL MECHANICAL GRILLES ARE SHOWN ON THESE ELEVATIONS, COORDINATE
- ALL GRILLE LOCATIONS WITH MECHANICAL DRAWINGS. C. ALL EXTERIOR WALL FINISHES ARE TO BE 6" ABOVE FINISH GRADE TYPICAL. SEE WALL

- ON GRADE, ELOOR TO ELOOR HEIGHT, ROOF SLOPES, EXTENT OF REQUIRED
- REFER TO RELEVANT WALL SECTIONS FOR DETAILED DESCRIPTION OF WALL AND ROOF B. SEE CIVIL DRAWINGS FOR BUILDING FINISHED FLOOR ELEVATION AND HOW THE SITE EXISTING CONTOUR LINES AND PROPOSED NEW CONTOUR LINES. SEE

GENERAL NOTES - BUILDING SECTIONS

- . BUILDING SECTIONS INDICATE THE RELATIONSHIPS BETWEEN THE DIFFERENT ROOMS AND AREAS OF THE FACILITY. THE INTENT IS TO ILLUSTRATE THE CONCRETE FLOOR SLAB STRUCTURAL FILL UNDERNEATH THE FOOTINGS, CONCRETE SLAB ON GRADE, ETC.
- REFERENCE ELEVATION OF 100'-0" RELATES TO THE EXISTING CONTOUR LINES AND SPOT ELEVATIONS. SOIL CUT AND FILL REQUIREMENTS SHALL BE DETERMINED BASED ON GEOTECHNICAL STUDY FOR SOIL COMPACTION AND EXTENT OF STRUCTURAL FILL REQUIREMENTS.



HATCH PATTERN BELOW INDICATES REPRESENTATION OF BUILDING MATERIALS IN

Insulation

Insulation

Rigid

BUILDING SECTIONS, WALL SECTIONS AND DETAILS.

Concrete

Masonry

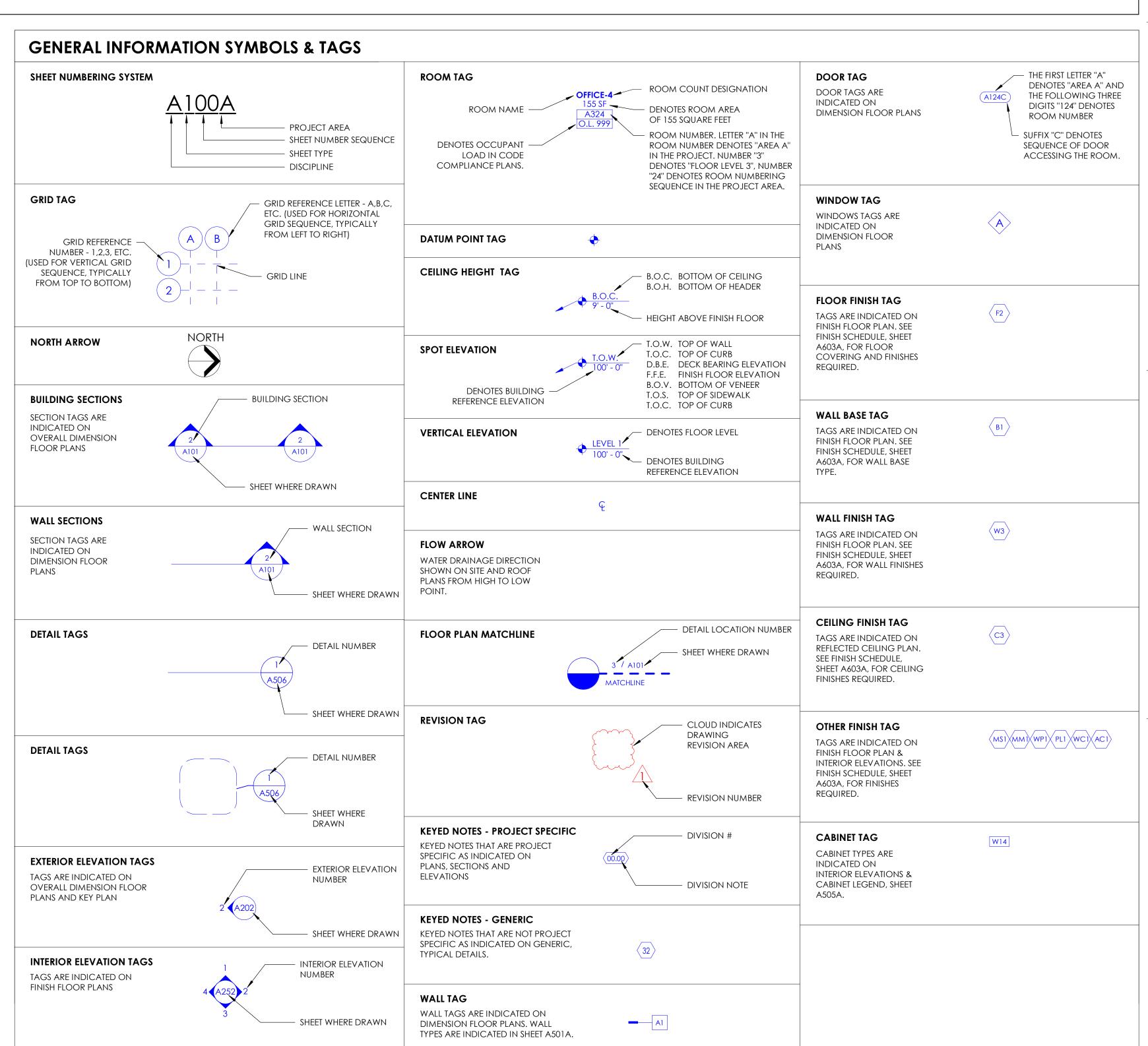
Masonry

Brick

Block

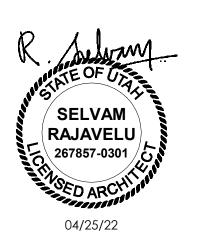
Concrete

Gypsum Board





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> General Information

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May 9, 2022

		PLAN LEGEND	
	STEEL BRACED FRAME - ABOVE STEEL BRACED FRAME		EXISTING STEEL COLUMN - TUBE EXISTING STEEL COLUMN - WIDE FLANGE
	STEEL BEAM OR GIRDER		EXISTING STEEL BEAM OR GIRDER
	STEEL JOIST OR PURLIN		EXISTING STEEL JOIST OR PURLIN
	STEEL COLUMN - TUBE (HSS)		
工	STEEL COLUMN - WIDE FLANGE		

	ABBREVIATIONS
@ AB	AT ANCHOR BOLT (S)
ABV	ABOVE
ALT APPROX	ALTERNATE APPROXIMATE
ARCH	ARCHITECT(URAL)
BLDG BLW	BUILDING BELOW
BM	BEAM
BOT BRG	BOTTOM BEARING
BTWN	BETWEEN
CJ	CONSTRUCTION JOINT OR CONTROL JOINT
CJP	COMPLETE JOINT PENETRATION
CMU COL	CONCRETE MASONRY UNIT COLUMN
CONC	CONCRETE
CONST	CONSTRUCTION CONTINUOUS
CONTR	CONTRACTOR
CTR D.B.	CENTER DECK BEARING
db	DIAMETER OF REINFORCING BAR
DBA DBL	DEFORMED BAR ANCHORS DOUBLE
DET	DETAIL
DIA (OR Ø) DIAG	DIAMETER DIAGONAL
DIM	DIMENSION
DK DN	DECK DOWN
DWG	DRAWING
DWL E.F.	DOWEL EACH FACE
E.F. E.J.	EACH FACE EXPANSION JOINT (SEISMIC
E.W.	SEPARATION JOINT) EACH WAY
EA	EACH
EL ELEC	ELEVATION ELECTRICAL
ELEV	ELEVATOR
ENG EQ	ENGINEER
-	EQUAL EQUIPMENT
EXIST (E) EXP	EXISTING EXPANSION / EXPOSED
EXT	EXPANSION / EXPOSED EXTERIOR
F.D.	FLOOR DRAIN
F.F. F.V.	FINISH FLOOR FIELD VERIFY
FDTN	FOUNDATION
FIN FL	FINISH FLOOR
FT	FOOT
FTG GA	FOOTING GAUGE
GALV	GALVANIZED
GLB GR	GLU-LAMINATED BEAM GRADE
GSN	GENERAL STRUCTURAL NOTES
HB HORIZ	HORIZONTAL BRIDGING HORIZONTAL
HSA	HEADED STUD ANCHORS
HSS HT	HOLLOW STRUCTURAL STEEL HEIGHT
I.F.	INSIDE FACE
IBC ICC	INTERNATIONAL BUILDING CODE INTERNATIONAL CODE COUNCIL
IN	INCH
INSUL	INSULATION
JST	INTERIOR JOIST
JT v	JOINT
K KLF	KIPS - 1,000 POUNDS KIPS PER LINEAL FOOT
KSF	KIPS PER SQUARE FOOT
KSI LBS	KIPS PER SQUARE INCH POUNDS
Ld, Lt, Lsb,	SEE CONCRETE REINFORCING BAR DEVELOPMENT AND LAP LENGTH
, ,	SCHEDULE
LF LFRS	LINEAL FOOT LATERAL FORCE RESISTING SYSTEM
	(SFRS & WFRS)
LLH LLV	LONG LEG HORIZONTAL LONG LEG VERTICAL
LSH	LONG SIDE HORIZONTAL
LSV MAS	LONG SIDE VERTICAL MASONRY
MAX	MAXIMUM
MCJ MECH	MASONRY CONTROL JOINT MECHANICAL
MFGR	MANUFACTURER
MIN MISC	MINIMUM MISCELLANEOUS
NIC	NOT IN CONTRACT
NORM NTS	NORMAL NOT TO SCALE
O.C.	ON CENTER
O.F. OPNG	OUTSIDE FACE OPENING
OPNG OPP	OPPOSITE
OWSJ P.T.	OPEN WEB STEEL JOIST POST-TENSIONED
P.T. PAF	POST-TENSIONED POWDER ACTUATED FASTENER
PCF PIP	POUNDS/CUBIC FOOT
PJP PL	PARTIAL JOINT PENETRATION PLATE
PLF	POUNDS/LINEAL FOOT
PNL PSF	PANEL POUNDS/SQ FOOT
「ひ「	I UUNUSISU FUUT

	ABBREVIATIONS
PSI	POUNDS/SQ INCH
R.D.	ROOF DRAIN
REINF	REINFORCING
REQD	REQUIRED
SDS	SELF-DRILLING SCREWS
SFRS	SEISMIC FORCE RESISTING SYSTEM
SHT	SHEET
SI	SPECIAL INSPECTION (SP. INSP.)
SIM	SIMILAR
SOG	SLAB ON GRADE
SQ	SQUARE
STAG	STAGGERED
STD	STANDARD
STIFF	STIFFENER
STL	STEEL
STRUCT	STRUCTURAL
T & B	TOP AND BOTTOM
T.O.	TOP OF
TEMP	TEMPERATURE
THDS	THREADS
TOC	TOP OF CONCRETE
TOCP	TOP OF CONCRETE PIER
TOF	TOP OF FOOTING
TOS	TOP OF SLAB
TOST	TOP OF STEEL
TOW	TOP OF WALL
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
W.P.	WORK POINT
W/	WITH
WF	WIDE FLANGE
WFRS	WIND FORCE RESISTING SYSTEM
WT	WEIGHT
WWF	WELDED WIRE FABRIC
YD	YARD
	PLAN MARKS

	PLAN MARKS
BF-#	BRACED FRAME
CB-#	CONCRETE BEAM
CC-#	CONCRETE COLUMN
CCSS-#	CANTILEVERED CONCRETE SUSPENDED SLAB
CDP-#	CONCRETE DRILLED PIER
CFW-#	CONCRETE FOUNDATION WALL
CGB-#	CONCRETE GRADE BEAM
CJ-#	CONCRETE JOIST
CJC-#	CONCRETE JAMB COLUMN
CL-#	CONCRETE LINTEL
CP-#	CONCRETE PIER
CRW-#	CONCRETE RETAINING WALL
CSG-#	CONCRETE SLAB ON GRADE
CSH-#	CONCRETE SHEAR HEAD
CSS-#	CONCRETE SUSPENDED SLAB
CSW-#	CONCRETE SHEAR WALL
CW-#	CONCRETE WALL
FC#	CONTINUOUS FOOTING
FM#	MAT FOOTING
FR#	RECTANGULAR FOOTING
FS#	SQUARE FOOTING
FTS#	THICKENED SLAB FOOTING
HD-#	HOLD DOWN ANCHOR
MC-#	MASONRY COLUMN
MF-#	MOMENT FRAME
ML-#	MASONRY LINTEL
MP-#	MASONRY PIER
MW-#	MASONRY WALL
PTB-#	POST-TENSIONED CONCRETE BEAM
SBP-#	STEEL BASE PLATE
SC-#	STEEL COLUMN
SCP-#	STEEL CAP PLATE
SD-#	STEEL DECK
SDA-#	STEEL DECK ATTACHMENT
SG-#	STEEL GIRDER
SJ-#	STEEL JOIST
SND-#	SNOW DRIFT
WB-#	WOOD BEAM
WBW-#	WOOD BEARING WALL
WC-#	WOOD COLUMN
WD-#	WOOD DIAPHRAGM
WJ-#	WOOD JOIST
WSW-#	WOOD SHEAR WALL

STRUCTURAL DRAWING LIST		
SHT NO.	SHT NAME	
SE001	GENERAL STRUCTURAL NOTES, LEGENDS & ABBREVIATIONS	
SF101	ROOF FRAMING PLAN, DETAILS AND SCHEDULES	

1. Design Criteria

	_	
1.1.	Governing Building CodeA. Risk Category	
1.2.	Floor Live Loading A. Intermountain Standard B. Mechanical Penthouse	
1.3.	Roof Live Loading A. Roof Live Load B. Roof Snow Load 1. Ground Snow Load, Pg 2. Snow Exposure Factor, Ce 3. Importance Factor, Is 4. Thermal Factor, Ct	

2. Slotted Channel Framing (Strut)

5. Slope Factor, C_s ...

- 2.1. Manufacturer: Strut systems to be installed shall be as manufactured by Unistrut, Cooper B-Line, Inc. or Engineer approved equal.
- 2.2. Materials and Finish: Material and finish specifications for each strut type are as follows:A. Strut shall be 1-5/8 inches wide in varying heights and welded combinations as required to meet load
- capacities and designs indicated on the drawings.

 B. Epoxy Painted: Strut shall be made from steel meeting the minimum mechanical properties of ASTM A1011 SS Grade 33, then painted with water born epoxy applied by a cathodic electro-deposition process. Fittings shall be manufactured from steel meeting the minimum requirements of ASTM A907 SS, Grade 33. All
- hardware).

 C. Pre-galvanized Steel: Strut shall be made from steel meeting the minimum mechanical properties of ASTM A653 SS, Grade 33, and mill galvanized in accordance with coating designation G90. Fittings shall be manufactured from steel meeting the minimum requirements of ASTM A907 SS, Grade 33. All fittings and hardware shall be zinc plated in accordance with ASTM B633 (SC3 for fittings, SC1 for threaded hardware).

fittings and hardware shall be zinc plated in accordance with ASTM B633 (SC3 for fittings, SC1 for threaded

- 2.3. References
 A. ASTM A123 Specification for Zinc (Hot-Galvanized) Coatings on Products Fabricated from Rolled,
- Pressed, and Forged Steel Shapes, Plates, Bars, and Strip

 B. ASTM A653 General Requirements for Steel Sheet, Zinc-Coated Galvanized by the Hot-Dip Process

 C. ASTM A1011 Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-
- Alloy and High-Strength Low-Alloy with Improved Formablility (Formerly ASTM A570)
 ASTM F1136 Standard Specification for Chromium/Zinc Corrosion Protective Coatings for Fasteners
 ASTM A907 Standard Specification for Steel, Sheet and Strip, Heavy-Thickness Coils, Carbon, Hot-Rolled, Structural Quality
- F. ASTM B633 Specification for Electrodeposited Coatings of Zinc on Iron and Steel G. MFMA Metal Framing Manufactureres Association H. AISI American Iron and Steel Institute
- 2.4. Quality Assurance
- A. MFMA Compliance: Comply with the latest revision of MFMA Standards Publication Number MFMA-3, "Metal Framing Standards Publication".
- "Metal Framing Standards Publication".B. Bolted framing channels and fittings shall have the manufacturer's name, part number, and material heat code identification number stamped in the part itself for identification. Material certification sheets and test reports must be made available by the manufacturer upon request.
- 2.5. Delivery, Storage and Handling
 A. Deliver strut systems and components carefully to avoid breakage, denting, and scoring finishes. Do not install damaged equipment.
 B. Store strut systems and components in original cartons and in clean dry space; protect from weather and construction traffic.
- 2.6. Installation
 A. Install strut in accordance with MFMA-102 'Guidelines for the Use of Metal Framing'; in accordance with equipment manufacturer's recommendations, and with recognized industry practices.
 B. All nuts and bolts shall be tightened to the following values:

Bolt Size	Torque (ft-lbs
1/4 - 20	6
5/16 - 18	11
3/8 - 16	19
1/2 - 13	50

3. Structural Steel

- A. Shapes and Plates: ASTM A36 (Fy = 36 ksi), except as noted otherwise
- 3.2. Fabrication and construction shall comply with the following Codes and Standards:

 A. American Institute of Steel Construction (AISC) 360-16, "Specification for Structural Steel Buildings"
- B. AISC 303-16, "Code of Standard Practice for Steel Buildings and Bridges" excluding the following: Section 3.3 (last two sentences of first paragraph), Section 4.4, Section 4.4.1, Section 4.4.2, Section 4.5, and Section 7.13.3
 1. The architectural drawings are the prime contract drawings. Consultants' drawings by other disciplines are supplementary to the architectural drawings. The structural drawings shall be used in conjunction with the architectural drawings. Detailing and shop drawing production for structural elements will require
- C. American Welding Society (AWS) D1.1:2015, "Structural Welding Code Steel" (specific items do not apply when they conflict with the AISC requirements)

drawings. Refer to the Special Instructions section of the general notes, below.

information (including dimensions) contained in architectural, structural, and/or other consultants'

3.3. Structural shapes and plates shall be fabricated from newly rolled (milled) one-piece sections without splices, unless specifically noted otherwise on the structural drawings. Connections for structural steel shall comply with the structural drawings, unless written approval is given by the Structural Engineer.

3.4. Welding: A. It is recommended the steel erection contractor and steel fabricator contact the Quality Assurance Agency

- prior to beginning any welds. A program of joint preparation and welding procedures should be worked out between the two parties before the welding is started so that correct welds will be made from the beginning.

 B. Certification of Welders: All shop and field welding shall be executed by AWS certified welders who have been specifically certified for the process of welding being performed. The welder's certification will be considered as being current unless the welder is not engaged in the process of welding being performed for a period exceeding six months or there is a specific reason to question a welder's ability as required by AWS. Certification and records must comply with AWS Standards. Certification and appropriate records must be provided to the Architect prior to beginning work.
- C. Electrodes: E-70 XX or as noted otherwise. E60 XX may be used for welding steel floor and roof decks.
 D. Minimum Welds: All intersecting steel shapes that are not bolted shall be connected by a fillet weld all around, unless noted otherwise. Fillet weld sizes that are not shown shall be 1/16" less than the thinnest of the connected parts for thicknesses 1/4" and larger. Fillet welds on plates less than 1/4" shall be of the same size as the thinnest of the connected parts.

4. Miscellaneous

- 4.1. Post-Installed Anchors in Concrete

 A. Anchorage to hardened concrete shall include all mechanical size, quantity, spacing, and embedment as
- shown on the drawings. Additional anchors shall not be used without approval from the Engineer prior to installation.
 B. Special inspection is required during the installation of all post-installed anchors. Refer to applicable code evaluation reports and the Quality Assurance and Statement of Special Inspections sections of the General Structural Notes.
- C. Anchorage to Concrete:
 1. All post-installed anchors into hardened concrete shall be selected from the following pre-approved products, unless noted otherwise:

Steel Screw Anchor	Evaluation Report
Hilti KWIK HUS-EZ	ICC ESR-3027
DeWalt Screw-Bolt+	ICC ESR-3889
Simpson Titen HD	ICC ESR-2713
Steel Expansion/Wedge Anchor	Evaluation Report
Steel Expansion/Wedge Anchor Hilti KWIK Bolt TZ	Evaluation Report ICC ESR-1917
Hilti KWIK Bolt TZ	ICC ESR-1917

- D. Alternate anchors or adhesives are permitted with approval of the Engineer. The Contractor shall submit the proposed anchor product data and code evaluation report demonstrating the anchor is equivalent to or exceeds the capacity of the specified anchor.
- exceeds the capacity of the specified anchor.
 E. Installation of adhesive anchors horizontally or upwardly inclined to support sustained tension loads shall be performed by personnel certified by an applicable certification program. Certification shall include written and performance tests in accordance with the ACI/CRSI Adhesive Anchor Installer Certification program, or equivalent. Proof of current certification shall be submitted to the Engineer for approval prior to commencement of installation.
- F. Anchors shall be installed according to the Manufacturer's Printed Installation Instructions and applicable code evaluation reports including:
 1. Hole diameter, depth, and cleaning procedure
 2. Installation torque
- G. Locate all existing reinforcement and embedded items prior to drilling into concrete elements. Do not damage rebar or embeds while drilling or installing anchors.
 H. Grout all defective or abandoned holes with non-shrink grout or an injectable epoxy adhesive matching the surrounding concrete compressive strength. Consult the Architect for additional requirements at architecturally
- I. Carbon steel anchors are limited to use in dry, interior locations.
 J. Holes for post-installed anchors may not be core drilled unless specifically allowed by the manufacturer's installation instructions and the code evaluation report.

5. Special Instructions

exposed concrete.

- 5.1. The project specifications are not superseded by the General Structural Notes but are intended to be complementary to them. Consult the specifications for additional requirements in each section. Notes and specific details on the drawings shall take precedence over General Structural Notes and typical details.
- 5.2. The architectural drawings are the prime contract drawings. Consultant drawings by other disciplines are supplementary to the architectural drawings. All omissions or conflicts, including dimensions, between the various elements of the consultants' drawings and/or specifications shall be brought to the attention of the Architect before proceeding with any work involved. In case of conflict, follow the most stringent requirement as directed by the Architect without additional cost to the Owner. Any work done by the Contractor after discovery of such discrepancy shall be done at the Contractor's risk.

- 5.3. The structural drawings shall be used in conjunction with the architectural drawings. Primary structural elements and overall structural layout are indicated within the structural plans and details. Some secondary elements, architectural layouts, alcoves, elevations, slopes, depressions, curbs, mechanical equipment and electrical equipment, are not indicated within the structural drawings. Detailing and shop drawing production for structural elements will require information (including dimensions) contained in the architectural, structural and/or other consultants' drawings.
- 5.4. Shoring and Bracing Requirements:
 - A. The General Contractor is responsible for the method and sequence of all structural erection. The Contractor shall provide temporary shoring and bracing as the method of erection requires to provide adequate vertical and lateral support. Shoring and bracing shall remain in place as the chosen method requires until all permanent members are in place and all final connections are completed, including all roof and floor attachments. The building shall not be considered stable until all connections are complete.
- 5.5. Submittals: A copy of all shop drawings that have been submitted for review must be kept at the construction site for reference. These drawings must bear the appropriate review stamps. The shop drawing review shall not relieve the Contractor of the responsibility of completing the project according to the contract documents. The General Contractor shall review and mark all shop drawings prior to submitting them to the Architect for review. Shop Drawings made from reproductions of (these) contract drawings will be rejected.
- 5.6. Project Coordination: It shall be the responsibility of the General Contractor to coordinate with all trades any and all items that are to be integrated into the structural system. Openings or penetrations through, or attachments to the structural system that are not indicated on these drawings shall be the responsibility of the General Contractor and shall be coordinated with the Architect/Engineers. The order of construction is the responsibility of the General Contractor. It is the Contractor's obligation to provide all items necessary for the chosen procedure.
- 5.7. Contractor shall field verify all dimensions, and conditions. If the contract drawings do not represent actual conditions, Contractor shall notify Architect/Engineer prior to fabrication or construction within that area.
- 5.8. Notice of Copyright: The structural drawings, plans, schedules, notes and details are hereby copyrighted by Reaveley Engineers. Submission or distribution of documents to meet official regulatory requirements or for similar purposes in connection with the project is not to be construed as publication in derogation of Reaveley Engineers' reserved rights. The documents defining the structure are instruments of service prepared by Reaveley Engineers for one use only. Furthermore, these documents shall not be reproduced, or copied, in whole or in part by the Contractor or subcontractors for preparation of shop drawings or other submittals.

6. Quality Assurance

- 6.5. Quality Assurance Agency Requirements:
- A. The Owner shall engage a qualified Quality Assurance Agency (QAA) to provide all special inspection and quality assurance testing for the project. The QAA shall provide all information necessary for the building official to determine that the agency meets the applicable requirements.
- official to determine that the agency meets the applicable requirements.

 1. The QAA shall be objective, competent and independent from the Contractor responsible for the work being inspected. The agency shall disclose to the building official and the registered design professional
- in responsible charge possible conflicts of interest so that objectivity can be confirmed.The QAA shall have adequate equipment to perform required tests. The equipment shall be periodically calibrated.
- calibrated.

 3. The QAA shall employ experienced personnel educated in conducting, supervising and evaluating tests and special inspections. Experience or training shall be considered relevant where the documented experience or training is related in complexity to the same type of special inspection or testing activities for
- experience or training is related in complexity to the same type of special inspection or testing activities for projects of similar complexity and material qualities.
 4. The QAA shall send copies of all inspection and testing reports to the building official, Owner, Architect, Engineer and Contractor. Reports shall indicate that the work inspected was or was not completed in conformance to the approved construction documents. Discrepancies shall be brought to the immediate attention of the Contractor for correction. If they are not corrected, the discrepancies shall be brought to
- the attention of the, Architect and Engineer.5. The QAA shall submit a final report documenting required special inspections and tests, and correction of any discrepancies noted in the inspections or tests. The final report shall be distributed to the building official, Owner, Architect and Engineer in a timely manner prior to the completion of the project.

6.6. Contractor Responsibilities:

- A. The Contractor shall submit a written statement of responsibility to the building official and the Owner or the owner's authorized agent prior to the commencement of work on the systems or components listed in the statement of special inspections. The Contractor's statement of responsibility shall contain acknowledgement or awareness of the special requirements contained in the statement of special inspections.
- B. Notification of QAA: The Contractor shall notify the QAA in a timely manner so that inspection and testing may be performed as outlined in the statement of special inspections.

6.7. Structural Observations by the Engineer of Record.

A. The Engineer of Record will perform structural observations at critical phases of the project. Observations will be made on a periodic basis throughout the construction of the structural system. Copies of the Engineer's report will be distributed to the Architect, Contractor, Owner, and building official.
 B. Observation visits to the site by the Engineer's field representatives shall not be construed as inspection or

7. Statement of Special Inspections

approval of construction.

- 7.5. The following materials, systems and components require special inspection or testing per Chapter 17 of the International Building Code (IBC).
- 7.6. For items requiring continuous inspection, a special inspector must be present onsite during the performance of that task. In most cases, periodic inspections/tests shall be performed prior to commencing the task, intermittently during the task, and at the completion of the task. Frequency marked with (E) designates periodic inspections that must be performed prior to or upon completion of every task.

Frequency Detailed Instructions

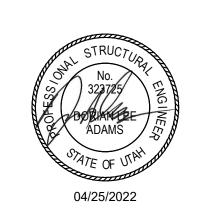
Structural Steel per IBC Section 1705.2.1, 1705.12.1 & 1705.13.1

Verify welding procedures (WPS) and consumable certificates	Periodic (E)	
Material identification	Periodic	Verify type and grade of material.
Welder identification	Periodic	A system shall be maintained by which a welder who has welded a joint or member car be identified.
Fit-up groove welds	Periodic	Verify joint preparation, dimensions cleanliness, tacking, and backing.
Access holes	Periodic	Verify configuration and finish.
Fit-up of fillet welds	Periodic	Verify alignment, gaps at root, cleanliness o steel surfaces, and tack weld quality and location.
During Welding (Table N5.4-2, AISC	360-16):	
Use of qualified welders	Periodic	Verify that welders are appropriately qualified
Control and handling of welding consumables	Periodic	Verify packaging and exposure control.
Cracked tack welds	Periodic	Verify that welding does not occur ove cracked tack welds.
Environmental conditions	Periodic	Verify wind speed is within limits as well as precipitation and temperature.
WPS followed	Periodic	Verify items such as settings on welding equipment, travel speed, welding materials shielding gas type/flow rate, preheat applied interpass temperature maintained, and prope position.
Welding techniques	Periodic	Verify interpass and final cleaning, each pass is within profile limitations, and each pass meets quality requirements.
After Welding (Table N5.4-3, AISC 3	60-10):	
Welds cleaned	Periodic	Verify that welds have been properly cleaned
Size, length, and location of welds	Periodic (E)	
Welds meet visual acceptance criteria	Periodic (E)	Verify weld meets visual acceptance criteria based upon crack prohibition, weld/base-meta fusion, crater cross section, weld profiles, weld size, undercut, and porosity.
Arc strikes	Periodic (E)	
Backing & weld tabs removed	Periodic (E)	
Repair activities	Periodic (E)	
Document acceptance or rejection of welded joint/member	Periodic (E)	
No prohibited welds	Periodic (E)	Verify no prohibited welds have been added without approval of the EOR.

Concrete Construction per IBC Sections 1705.3 &1705.12			
Item	Frequency	Detailed Instructions	
Post-installed mechanical anchors	Periodic	All post-installed anchors/dowels shall be special inspected in accordance with the approved code evaluation report and with ACI Section 17.8.2.	



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MC - South Office Tower Jeurosurgery Clinic Expansio

NJRA Project #

GENERAL STRUCTURAL NOTES, LEGENDS & ABBREVIATIONS

100% Construction Documents Apr 25, 2022

EXISTING BUILDING NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO DETAILING, FABRICATING, ERECTING OR INSTALLING ANY STRUCTURAL ELEMENT. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN TEAM IN A TIMELY MANNER SUCH THAT WORK WILL NOT BE DELAYED.

2. THE CONTRACTOR SHALL PROVIDE ADEQUATE SHORING OF EXISTING STRUCTURE DURING CONSTRUCTION.

—EXIST CONCRETE

-BRACE TO DECK PER A2/SF101

-DO NOT SPLICE RAIL AT

TO BOTTOM OF POST

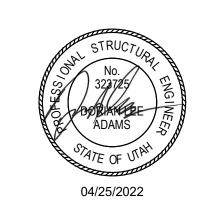
LOCATION WITHOUT BRACE

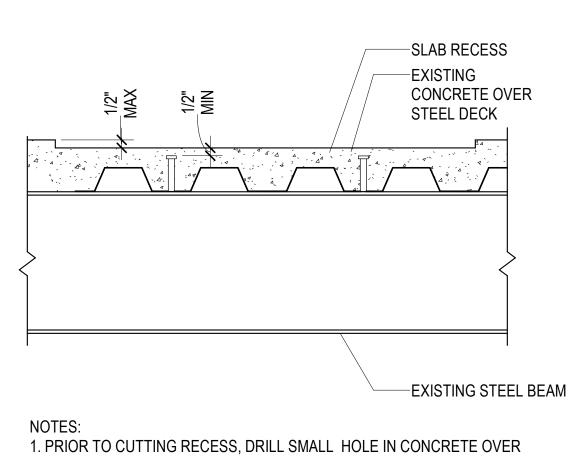
OVER STEEL

DECK



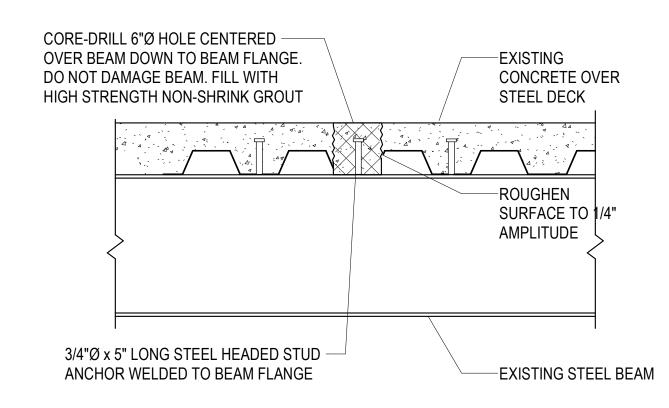
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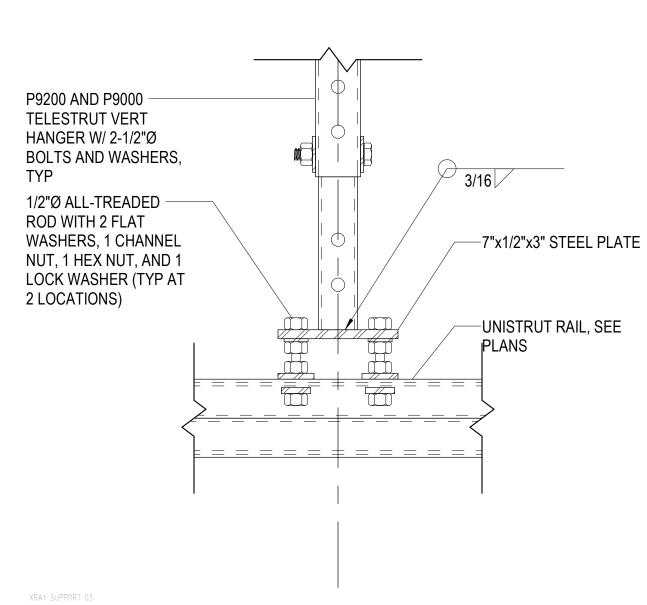
BEAM TO DETERMINE TOTAL SLAB THICKNESS. 2. WHERE CONCRETE COVER IS LESS THAN 1/2", SEE DETAIL A1/SF101. INSTALL ONE ADDITIONAL STUD PER EACH STUD WHERE COVER IS NOT MET. INSTALL NEW STUDS ADJACENT TO RECESS LOCATION.

TYPICAL SLAB RECESS AT EXISTING COMPOSITE BEAM SF101 NO SCALE

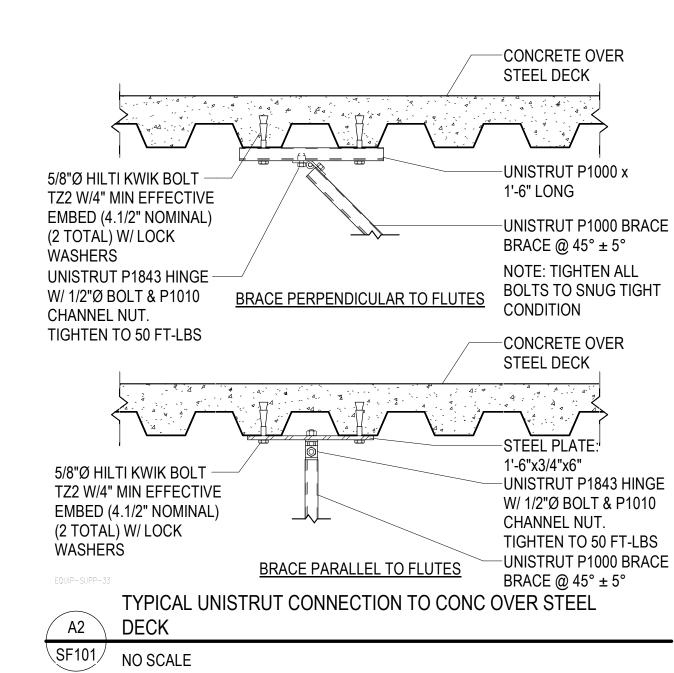


NOTES: USE GROUND PENETRATING RADAR TO LOCATE EXISTING REBAR AND HEADED STUD ANCHORS.

A1 NEW HEADED STUD ANCHOR AT EXISTING BEAM SF101 NO SCALE



B2 TYPICAL TELESPAR VERTICAL SUPPORT CONFIFURATION SF101 NO SCALE



12" OR 24" P1000 UNISTRUT BRACE W/P1843 HINGE W/1/2"Ø ∠___2- UNISTRUT **BOLT & P1010 CHANNEL** CONC OVER -NUT EA END OF BRACE. P1000T STEEL DECK TIGHTEN TO 50 FT-LBS. SEE 10"x1/2"x6" STEEL -UNI-STRUT TELESPAR PLANS FOR LOCATIONS. PLATE W/4-1/2"Ø BOLTS VERT HANGER AND CHANNEL NUTS P5501 UNISTRUT RAIL, SEE PLANS FOR LOCATIONS 2-5/8"Ø HILTI KWIK BOLT TZ2-OR APPROVED EQUAL AT CEILING LINE-EACH UNISTRUT W/ 2"x3/16"x2" PLATE NOTE: WHERE 3" MIN EXTENTION IS WASHERS NOT MET, PROVIDE 3 BOLTS PER UNISTRUT, SEE B4/SF101

B3 UNISTRUT CONNECTION DETAIL SF101 NO SCALE
TYP

B4 RADIOLOGY EQUIPMENT SUPPORT DETAIL SF101 NO SCALE —EXIST CONCRETE OVER STEEL DECK 4'-0"±6" O.C. TYP P9000 & P9200 ——— TELESTRUT W/2-1/2" P1000 UNISTRUT BRACE **BOLTS AND** W/P1843 HINGE W/1/2"Ø WASHERS, TYP BOLT & P1010 CHANNEL NUT -P5501 UNISTRUT RAIL, EA END OF BRACE. TYP SEE PLANS FOR EACH END OF EACH RAIL CEILING LINE LOCATIONS

TELESTRUT

W/2-1/2"Ø BOLTS AND WASHERS, TYP

SPLICE RAIL AT CENTER OF

CONNECTION FOR

CONSTRUCTABILITY

A3 RADIOLOGY EQUIPMENT SUPPORT DETAIL

SF101 NO SCALE

TYP

B2 SF101

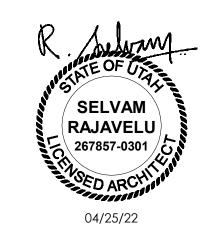
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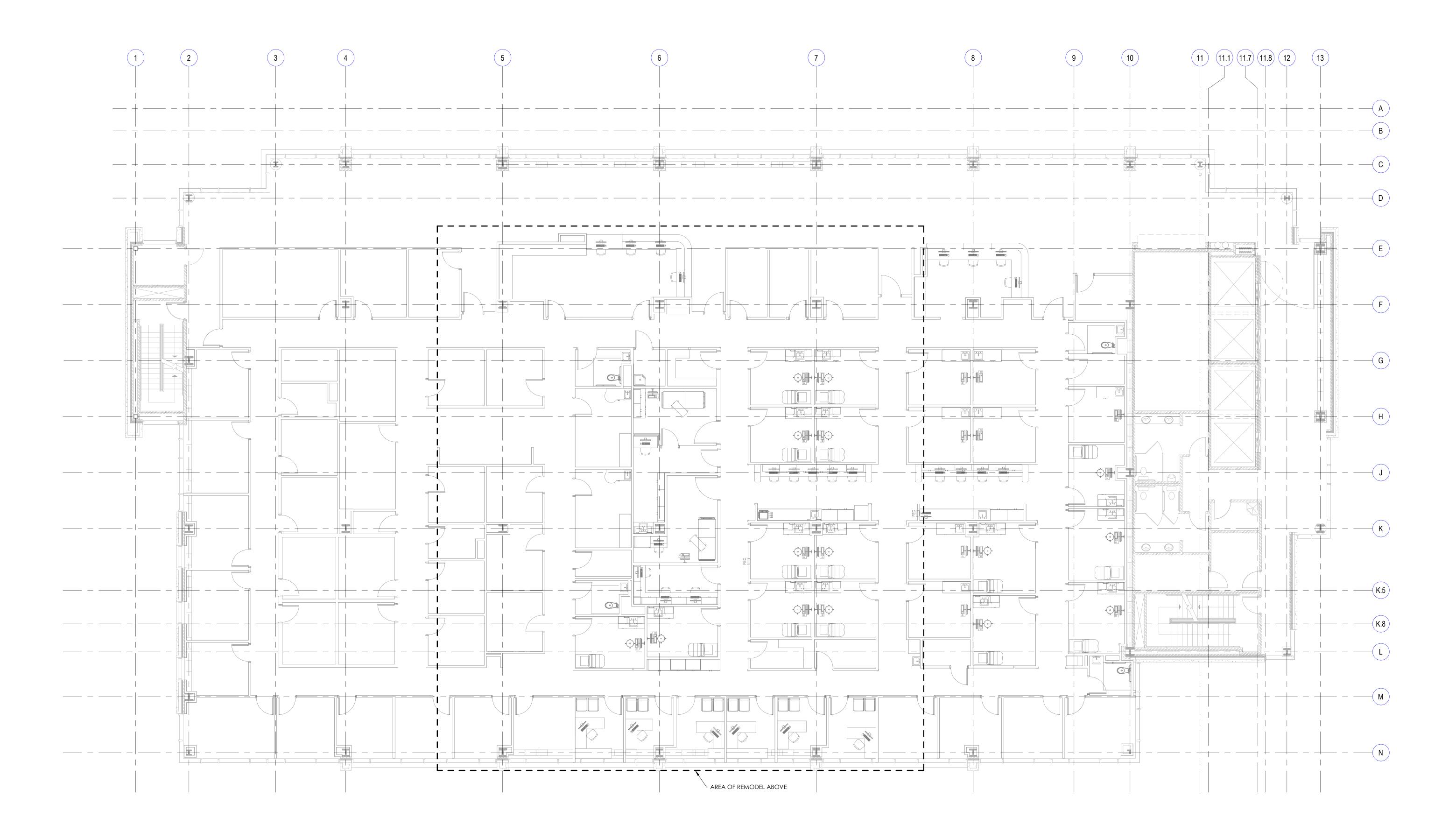
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ROOF FRAMING PLAN, DETAILS AND SCHEDULES



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Intermountain Healthcare

IMC - South Office Tower

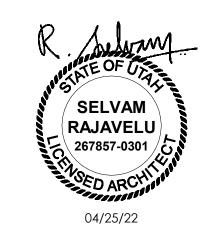
Neurosurgery Clinic Expansion

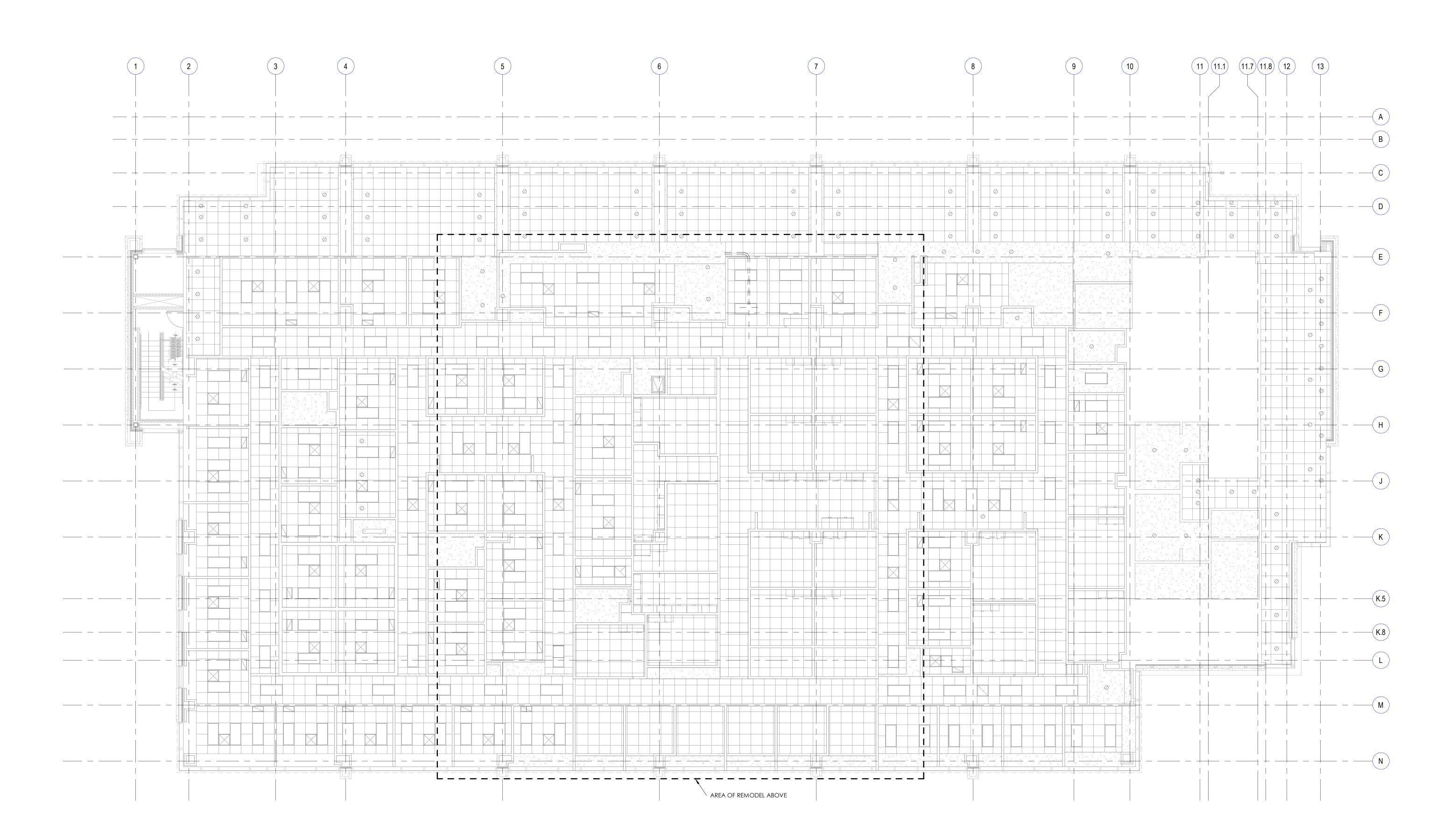
Existing Floor Plan Level 8 -For Reference Only

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Intermountain Healthcare

IMC - South Office Tower

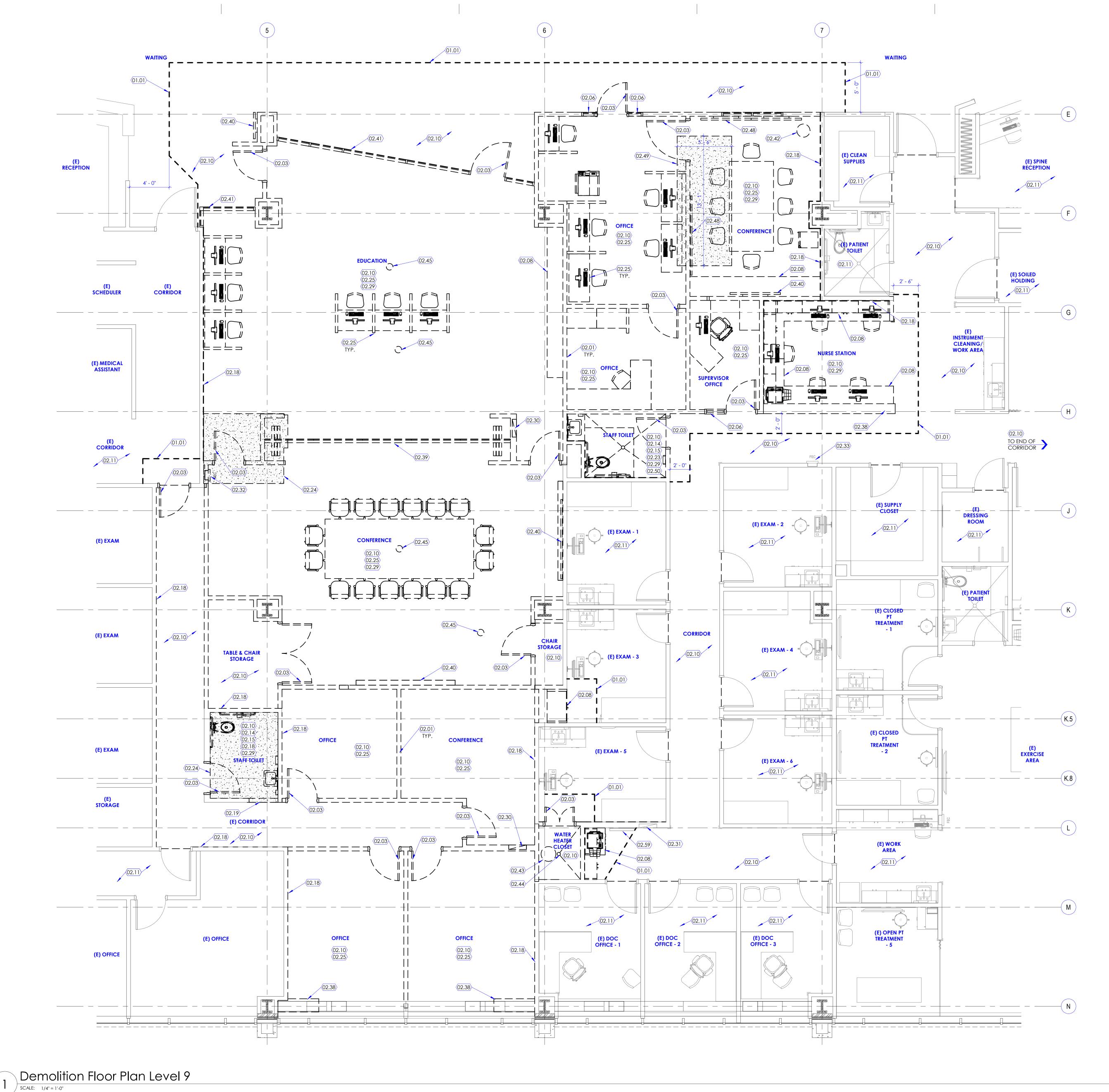
Neurosurgery Clinic Expansion

S171 South Cottonwood Street

Muray, Utah 84107

Muray, Utah 84107

Existing
Ceiling Plan
Level 8 - For
Reference
Only
A 102



- 01.01 DASHED LINE INDICATES FLOOR TO CEILING DUST PROOF CONSTRUCTION BARRIER TO PREVENT DUST AND DIRT MIGRATION AND TO SEPARATE AREAS OCCUPIED BY THE OWNER FROM FUMES AND NOISE. CONSTRUCTION BARRIER TO BE ERECTED WITH 3 5/8" 20 GA. MTL. STUDS @ 16" O.C. FRAMING WITH 5/8" TYPE 'X' GYPSUM BOARD ON BOTH SIDES. TAPE & SEAL ALL JOINTS AND OPENINGS. SEAL JOINTS AT PERIMETER. PAINT WALL ON EXISTING CORRIDOR SIDE. PARTITION TO BE EQUIPPED WITH 4'-0" LOCKABLE MAN DOOR WITH STICKY MATS ON BOTH SIDES OF DOOR. COORDINATE WITH OWNER FOR EXACT LOCATION OF CONSTRUCTION BARRIER.
- 02.01 REMOVE EXISTING METAL STUD WALL INCLUDING STUDS, GYPSUM BOARD, STUD BRACING ABOVE CEILING, ELECTRICAL, MECHANICAL, AND PLUMBING
- ITEMS LOCATED IN THE WALL. 02.03 REMOVE EXISTING DOOR, HARDWARE AND FRAME.
- 02.06 REMOVE HOLLOW METAL WINDOW, FRAME AND GLAZING. 02.08 REMOVE EXISTING CASEWORK INCLUDING BASE CABINETS, UPPER/WALL CABINETS, FULL HEIGHT CABINETS, COUNTERTOPS, CLOSER PANEL, SLOPED DUST TOP, ETC.
- 02.10 REMOVE EXISTING FLOORING AND BASE INCLUDING ADHESIVE ALL THE WAY DOWN TO THE BARE CONCRETE FLOOR. CLEAN FLOOR AND PREP FOR NEW
- 02.11 EXISTING FLOORING TO REMAIN. PROTECT FLOORING FROM DAMAGE DURING CONSTRUCTION.
- 02.14 REMOVE ALL TOILET ACCESSORIES INCLUDING BUT NOT LIMITED TO GRAB BARS, MIRRORS, SHOWER CURTAIN AND TRACK, DISPENSERS, WALL MOUNTED
- SHELVES, ART WORK, ETC. 02.15 REMOVE PLUMBING FIXTURES AND ACCESSORIES. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- 02.18 REMOVE EXISTING GYPSUM BOARD FROM THIS SIDE OF THE ROOM. INSULATE EXISTING WALLS WITH NEW R-13 BATT INSULATION FOR 3-5/8" WALLS AND R-19 INSULATION FOR 6" WALLS. INSTALL NEW 5/8" THICK, TYPE 'X' GYPSUM BOARD (FLOOR TO DECK ABOVE) AFTER ALL IN-WALL WORK IS COMPLETE. PROVIDE FRAMING AS REQUIRED. INSTALL NEW 5/8" THICK CEMENT BACKER BOARD WHERE TILE IS CALLED IN THE FINISH SCHEDULE AS WALL FINISH. SEE NEW
- 02.19 REMOVE WALL FOR NEW DOOR OPENING. SEE KEYED NOTES 2.01 FOR WALL DEMOLITION. VERIFY ROUGH OPENING NEEDED WITH DOOR SCHEDULE. 02.23 REMOVE WALL TILES AND FLOOR TO CEILING CEMENT/GYPSUM BOARD
- BEHIND WALL TILES. 02.24 SAW CUT AND CHIP AWAY EXISTING SLAB FOR A UNIFORM DEPTH OF ONE INCH THROUGHOUT THE ENTIRE ROOM. EXTEND SAW CUT UNDER NEW DOOR FRAME FOR THRESHOLD. GRIND SMOOTH AND PREP FLOOR FOR NEW FLOOR TILE INSTALLATION. PROVIDE 2-HR RATED CEMENTITIOUS SPRAY APPLIED FIREPROOFING UNDER SLAB ON METAL DECK OF LEVEL BELOW TO MAINTAIN FIRE RESISTANCE RATING OF FLOOR SLAB. REMOVE AND RE-INSTALL CEILING
- LEVEL BELOW AFTER ALL FIREPROOFING AND M/E/P WORK IS COMPLETE. 02.25 REMOVE MODULAR FURNITURE. SALVAGE AND RETURN TO OWNER. 02.29 REMOVE ALL WALL MOUNTED ITEMS INCLUDING BUT NOT LIMITED TO SHARPS DISPENSERS, GLOVE DISPENSER, MIRROR, SOAP AND PAPER TOWEL DISPENSER,
- ARTWORK, ETC. SALVAGE AND RETURN ITEMS TO OWNER. 02.30 CAREFULLY REMOVE EXISTING ELECTRICAL PANELS. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 02.31 EXISTING ELECTRICAL PANELS TO REMAIN. PROTECT PANELS FROM DAMAGE DURING CONSTRUCTION.
- 02.32 REMOVE FIRE EXTINGUISHER AND CABINET. SALVAGE AND RETURN EXTINGUISHER TO OWNER.
- 02.33 EXISTING FIRE EXTINGUISHER AND CABINET TO REMAIN. PROTECT FIRE EXTINGUISHER AND CABINET FROM DAMAGE DURING CONSTRUCTION.
- 02.38 REMOVE PARTIAL HEIGHT WALL AND SOLID SURFACE SILL/TRANSACTION TOP. 02.39 REMOVE ACORDIAN FOLDING PARTION INCLUDING SUPPORT STRUCTURE ABOVE AND ALL ACCESSORIES.
- 02.40 CAREFULLY REMOVE WALL MOUNTED TV/MONITOR. SALVAGE AND RETURN TO OWNER.
- 02.42 REMOVE WATER COOLER AND ASSOCIATED PLUMBING.
- 02.43 REMOVE WATER HEATER AND ASSOCIATED PLUMBING..
- 02.44 REMOVE FLOOR DRAIN, PATCH OPENING WITH FRESH CONCRETE AND METAL DECK. GRIND SMOOTH AND PREP FOR NEW FLOOR FINISHES.
- 02.45 REMOVE ELECTRICAL FLOOR BOX. PATCH OPENING WITH FRESH CONCRETE AND METAL DECK. GRIND SMOOTH AND PREP FOR NEW FLOOR FINISHES.
- 02.48 CAREFULLY REMOVE WALL MOUNTED MARKER BOARD/ HUDDLE BOARD. SALVAGE AND RETURN TO OWNER.
- 02.49 SAW CUT AND CHIP AWAY EXISTING SLAB FOR A UNIFORM DEPTH OF 1/2" INCH FOR INSTALLATION OF LEAD IN THE FLOOR. SEE STRUCTURAL DRAWINGS. GRIND SMOOTH AND PREP FLOOR FOR LEAD INSTALLATION. INSTALL HIGH PERFORMANCE, SELF LEVELING CEMENTATIOUS UNDERLAYMENT OVER LEAD TO FINISH WITH ADJACENT SLAB - MAPEI- ULTRAPLAN EASY OR APPROVED EQUAL. GRIND AND PREP FOR NEW FLOOR FINISHES. PROVIDE 2-HR RATED CEMENTITIOUS SPRAY APPLIED FIREPROOFING UNDER SLAB ON METAL DECK OF LEVEL BELOW TO MAINTAIN FIRE RESISTANCE RATING OF FLOOR SLAB. REMOVE AND RE-INSTALL CEILING LEVEL BELOW AFTER ALL FIREPROOFING
- 02.50 FILL IN EXISTING SLAB RECESS WITH CEMENTITIOUS UNDERLAYMENT. BASIS OF DESIGN SIKA QUICK EZ PATCH.
- 02.59 CAREFULLY REMOVE AND STORE SURFACE MOUNTED FILM ILLUMINATOR FOR REINSTALL. RE-INSTALL AFTER WALL WORK AND PAINT IS COMPLETE.

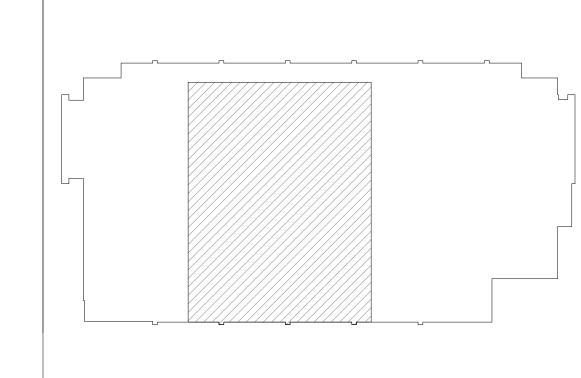
GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND. B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR AND WINDOW SCHEDULE.

AND M/E/P WORK IS COMPLETE.

E. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.

KEY PLAN



NJRA Project #

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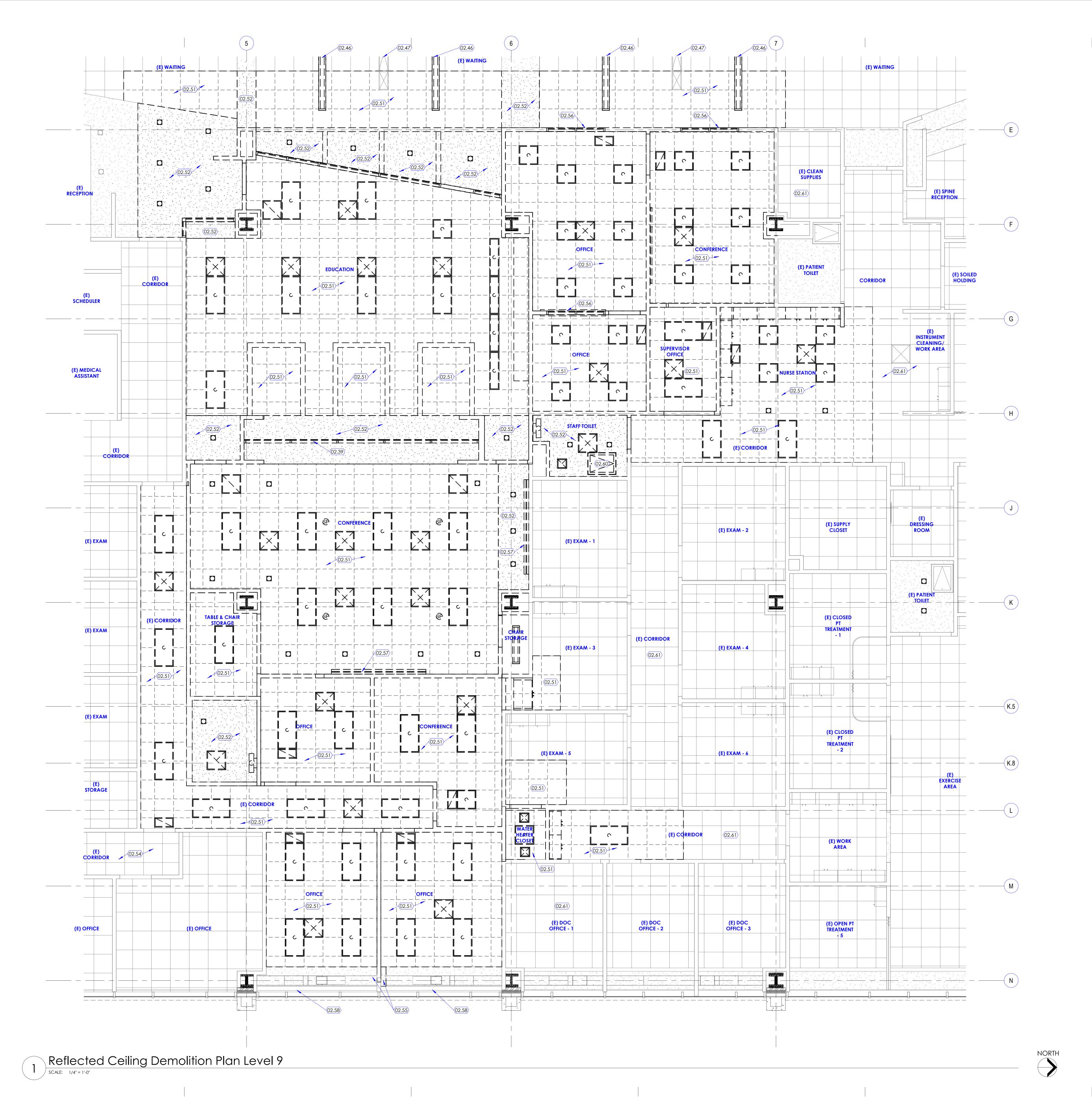
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Demolition Floor Plan

Level 9

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- 02.39 REMOVE ACORDIAN FOLDING PARTION INCLUDING SUPPORT STRUCTURE ABOVE AND ALL ACCESSORIES.
- 02.46 CAREFULLY REMOVE AND STORE CEILING MOUNTED PENDANT LIGHTS FOR RE-INSTALLATION. MODIFY LOCATION PER NEW FLOOR PLAN AND REINSTALL ALL PENDANT LIGHTS AFFECTED.
- 02.47 EXISTING LINEAR SLOT DIFFUSERS TO REMAIN. PROTECT FROM DAMAGE DURING CONSTRICTION. COVER WITH PLASTIC AS NEEDED TO PREVENT CONSTRUCTION DUST AND DEBRIS FROM ENTERING IN THE SLOT DIFFUSERS.
 02.51 REMOVE EXISTING CEILING TILES AND GRIDS, LIGHT FIXTURES, HVAC DIFFUSERS,
- SPEAKERS AND OTHER CEILING MOUNTED ITEMS. REFER TO M/E/P DRAWINGS. SALVAGE CEILING TILES, LIGHT FIXTURES AND HVAC GRILLS AND RETURN TO OWNER.
- 02.52 REMOVE EXISTING GYPSUM BOARD SOFFIT/CEILING AND FRAMING SYSTEM, INCLUDING ALL EXISTING LIGHT FIXTURES. HVAC DIFFUSERS, SPEAKERS AND OTHER CEILING MOUNTED ITEMS. REFER TO M/E/P DRAWINGS.
- 02.54 EXISTING CEILING TO REMAIN. PROTECT CEILING FROM DAMAGE DURING CONSTRUCTION.
- 02.55 PATCH, REPAIR AND PAINT EXISTING GYPSUM BOARD SOFFIT AT NEW WALL LOCATION.
- 02.56 REMOVE CLEARSTORY WINDOWS.
 02.57 REMOVE OVERHEAD PROJECTOR INCLUDING ALL ACCESSORIES AND
- SUPPORT SYSTEM.

 02.58 EXISTING RECESSED ROLLER SHADES AND ROLLER SHADE POCKET TO REMAIN.
- 02.58 EXISTING RECESSED ROLLER SHADES AND ROLLER SHADE POCKET TO REMAIN.
 PROTECT DURING CONSTRUCTION.
 02.60 REMOVE EXISTING CEILING MOUNTED ACCESS PANEL.
- 02.61 REMOVE EXISTING CEILING MODIVIED ACCESS FANCE.

 02.61 REMOVE EXISTING CEILING TILES AND GRIDS, LIGHT FIXTURES, HVAC DIFFUSERS, ETC. AS REQUIRED FOR ANY ABOVE CEILING M/E/P WORK. RE-INSTALL AFTER ALL ABOVE CEILING WORK IS COMPLETE. REPLACE TO MATCH EXISTING IF DAMAGED DURING CONSTRUCTION.



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GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- A. SEE SHEET G003 AND G005 FOR SYMBOLS, 0B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR AND WINDOW SCHEDULE.E. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.

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- 01.10 SEE EXAM ROOM 8 (ROOM A921) FOR TYPICAL NOTES AND DETAILS. ROOM COULD BE THE SAME LAYOUT OR MIRRORED. REFLECTED CEILING PLAN AND INTERIOR ELEVATIONS INDICATED FOR EXAM ROOM 8 (ROOM A921) SHALL BE APPLICABLE TO THIS ROOM UNLESS NOTED OTHERWISE.
- 01.11 SEE EXAM ROOM 9 (ROOM A920) FOR TYPICAL NOTES AND DETAILS. ROOM COULD BE THE SAME LAYOUT OR MIRRORED. REFLECTED CEILING PLAN AND INTERIOR ELEVATIONS INDICATED FOR EXAM ROOM 9 (ROOM A920) SHALL BE APPLICABLE TO THIS ROOM UNLESS NOTED OTHERWISE.
 02.50 FILL IN EXISTING SLAB RECESS WITH CEMENTITIOUS UNDERLAYMENT. BASIS OF
- DESIGN SIKA QUICK EZ PATCH.

 03.08 BEFORE INSTLATTION OF FLOORING, POUR SELF LEVELING CEMENTATIONS/EPOXY UNDERLAYMENT (ARDEX OR APPROVED EQUAL) THOUGHOUT THE X-RAY ROOM AND PREP FLOOR FOR NEW FINISHES. FLOOR LEVELNESS TO BE PER GE
- 06.06 SOLID SURFACE COUNTER WITH FULL BULLNOSE EDGE AND INTEGRAL BACKSPLASH. SEE DETAIL 6/A505B. PROVIDE INTEGRAL SIDE SPLASH WHERE COUNTER ABUTS PERPENDICULAR WALL/CABINET.
- 06.08 SOLID SURFACE TRANSACTION COUNTER WITH FULL BULLNOSE EDGE. SEE FINISH SCHEDULE. SEE DETAIL 7/A506A.
- 06.09 NEW SOLID SURFACE SILL AT WINDOW. PROVIDE FULL BULL NOSE EDGE. PROVIDE CONTINUOUS 1/2" THICK PLYWOOD UNDER SOLID SURFACE MATERIAL. SEE DETAIL 8/45044
- 8/A506A.

 06.10 SOLID SURFACE INTEGRAL SINK. BASIS OF DESIGN: SAMSUNG, STARON A3181 SINK, COLOR "BRIGHT WHITE" BW010. ALSO SEE PLUMBING DWGS.
- 06.31 TEXTURED PANELS, 3/4" THICK, CORE- CLASS A FIRE RATED MDF. BASIS OF DESIGN SOELBERG INDUSTRIES. SEE FINISH SCHEDULE FOR PATTERN AND COLOR. PROVIDE 3/4" THICK CONTINUOUS SOLID WOOD TRIM AT THE EXPOSED END/EDGE. PAINT TRIM TO MATCH PANELS. VERTICAL/HORIZONTAL PANEL JOINTS TO BE SEAMLESS. WOOD GRAIN AND PROFILE TO RUN VERTICAL.
- 08.01 DOOR AND DOOR FRAME. SEE DOOR SCHEDULE.
- 08.03 SLIDING BARN DOOR. BASIS OF DESIGN: AD SYSTEMS. SEE DOOR SCHEDULE.

 08.14 OVERHEAD AUTOMATED ROLL DOWN SECURITY GRILL. BASIS OF DESIGN
 CORNELL ROLLING GRILLS, VISION AIRE, MODEL ESG10. SEE ELECTRICAL
 DRAWINGS FOR POWER REQUIREMENTS. PROVIDE OPEN/CLOSE KEY SWTICH
 OPERATION WITH STOP BUTTON.
- 08.24 LEAD LINED WINDOW. SEE WINDOW SCHEDULE DETAIL 3/A601A.
- 08.27 LEAD LINED DOOR AND LEAD LINED DOOR FRAME. SEE DOOR SCHEDULE. 09.14 PAINT EXPOSED TO VIEW BRACE FRAME TO MATCH THE WALL COLOR.
- 09.15 PATCH CARPET FLOORING IN WAITING AREA TO MATCH ADJACENT EXISTING.
- INSTALL NEW CARPET BASE TO MATCH ADJACENT EXISTING.

 10.01 SOAP DISPENSER. OFCI. SEE SHEET G004 FOR MOUNTING HEIGHT.
- 10.02 PAPER TOWEL DISPENSER. OFCI. SEE SHEET G003 FOR MOUNTING HEIGHT.
 10.11 GRAB BARS. SEE SPECIFICATIONS. PROVIDE 'TYPE 1' METAL STUD BACKING PER DETAIL 5/A502A. SEE SHEET G003 FOR MOUNTING HEIGHTS.
- DETAIL 5/A502A. SEE SHEET G003 FOR MOUNTING HEIGHTS.

 10.23 FULLY RECESSED FIRE EXTINGUISHER CABINET WITH EXTINGUISHER. SEE DETAIL

 9/A502A
- 11.01 REFRIGERATOR, OFCI. SEE ELECTRICAL DRAWINGS.
 11.02 MICROWAVE, OFCI. SEE ELECTRICAL DRAWINGS. FOR MICROWAVE IN WALL CABINET PROVIDE OUTLET IN THE CABINET ABOVE WITH A GROMMET OPENING AT THE BASE OF THIS CABINET.
- 11.03 ICE AND WATER DISPENSER. OFCI. SEE PLUMBING DRAWINGS. CAREFULLY CUT AROUND BACKSPLASH BEHIND TO ACCOMMODATE FOR WASHER BOX. BOTTOM OF WALL BOX TO BE ONE INCH ABOVE COUNTERTOP. ALSO SEE ELECTRICAL DRAWINGS FOR POWER.
- 11.05 COFFEE POT, OFCI. SEE ELECTRICAL DRAWINGS.11.06 WALL MOUNTED MONITOR/TELEVISION OFCI. SEE ELECTRICAL DRAWINGS.
- PROVIDE 3'-0" W X 2'-0" H X 18 GA SHEET METAL BACKING. COORDINATE LOCATION OF OUTLETS WITH MONITOR MOUNTING BRACKET.
- 11.30 FLOOR MOUNTED SCALE, OFOI. SEE ELECTRICAL DRAWINGS FOR POWER REQUIREMENTS.11.31 PRINTER/COPIER. OFOI. SEE ELECTRICAL DRAWINGS FOR POWER AND DATA.
- 11.32 VITALS CART. OFOI. SEE ELECTRICAL DRAWINGS FOR POWER AND DATA.
 11.33 WALL MOUNTED STADIOMETER, OFCI.
- 11.36 SEE VENDOR DRAWINGS FROM GE FOR ALL EQUIPMENT IN THE X-RAY ROOM AND CONTROL ROOM. ALSO SEE ELECTRICAL DRAWINGS.
- 11.37 FLOOR MOUNTED TABLE. SEE GE DRAWINGS. ALSO SEE M/E/P DRAWINGS. PROVIDE CORE DRILL IN SLAB UNDER TABLE PER GE DRAWINGS FOR ELECTRICAL.
- 11.38 WALL STAND. SEE GE DRAWINGS. ALSO SEE M/E/P DRAWINGS.
 11.39 VCP CABINET. SEE GE DRAWINGS. ALSO SEE M/E/P DRAWINGS.
- 11.40 WALL MOUNTED MAIN DISCONNECT PANEL, PANEL TO BE SEMI-RECESSED. SEE DETAIL 9/A501 FOR FRAMING AROUND RECESSED EQUIPMENT, ALSO SEE
- ELECTRICAL DRAWINGS

 11.41 WALL MOUNTED GRID HOLDER. SEE GE DRAWINGS. PROVIDE TYPE '1' BACKING. SEE DETAIL 5/A502A.
- 11.42 OPERATORS CONSOLE. SEE GE DRAWINGS. ALSO SEE ELECTRICAL DRAWINGS.
 11.46 APRON RACK. OFCI. PROVIDE 'TYPE 1' METAL STUD BACKING. SEE DETAIL
- 5/A502A.

 12.01 FURNITURE, TO BE PROVIDED AND INSTALLED BY OWNERS VENDOR (MIDWEST COMMERCIAL INTERIORS MWCI)
- 12.02 HEIGHT ADJUSTABLE SIT/STAND DESK. PROVIDED AND INSTALLED BY OWNERS VENDOR MIDWEST COMMERCIAL INTERIORS (MWCI). SEE ELECTRICAL DRAWINGS
- FOR POWER.

 13.02 ALL WALLS TO HAVE LEAD LINED GYPSUM BOARD. LEAD LINING AT WALLS TO SPAN FROM FINISHED FLOOR TO 7'-0" ABOVE FINISH FLOOR. ALL DOORS AND WINDOWS AND HM FRAMES TO HAVE THE SAME LEAD RATING AS THE WALLS THEY PENETRATE. ALL ELECTRICAL OUTLETS, SWITCHES AND OTHER PENETRATIONS SHOULD BE BACKED BY THE SAME THICKNESS AS THE WALLS THEY PENETRATE. SEE PHYSICIST REPORT IN PROJECT MANUAL AND DIMENSION PLAN SHEET A114 FOR MORE DETAILS ON LEAD SHIELDING. PROVIDE 16GA STUDS AT ALL LEAD LINED
- 22.01 FLOOR MOUNTED WATER CLOSET. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC. SEE PLUMBING DRAWINGS.
 22.02 WALL MOUNTED HAND WASH SINK. SEE RELEVANT DETAILS 1/G003 AND 1/G004
- FOR MOUNTING HEIGHT, LOCATION, ETC. SEE PLUMBING DRAWINGS.

 22.10 FLOOR DRAIN. SEE PLUMBING DRAWINGS. SLOPE FINISHED FLOOR TOWARDS DRAIN AT 1/8" PER FOOT.
- 22.19 STAINLESS STEEL SINK. SEE PLUMBING DRAWINGS. SINK TO BE INTEGRAL WITH COUNTERTOP.22.29 FLOOR MOUNTED WATER HEATER. SEE PLUMBING DRAWINGS. ALSO SEE
- 22.29 FLOOR MOUNTED WATER HEATER, SEE PLUMBING DRAWINGS, ALSO SEE ELECTRICAL DRAWINGS FOR POWER.

 26.07 FULLY RECESSED MAIN DISCONNECT PANEL. SEE ELECTRICAL DRAWINGS.

 26.14 PROXIMITY CARD READER FOR DOOR ACCESS CONTROL SYSTEM. SEE DOOR

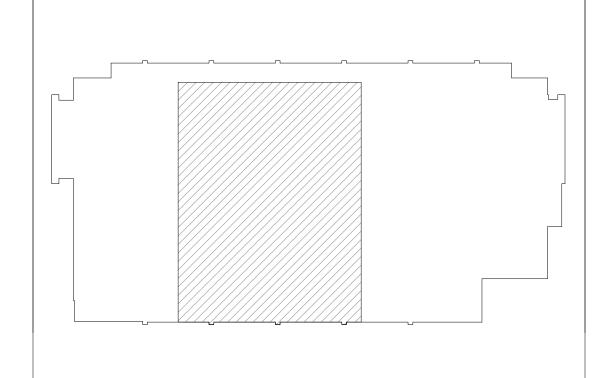
GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.

 C. SEE SHEET A601A FOR DOOR AND WINDOW SCHEDU
- C. SEE SHEET A601A FOR DOOR AND WINDOW SCHEDULE.E. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.

HARDWARE SCHEDULE AND ELECTRICAL DRAWINGS.

KEY PLAN



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02.49 SAW CUT AND CHIP AWAY EXISTING SLAB FOR A UNIFORM DEPTH OF 1/2" INCH FOR INSTALLATION OF LEAD IN THE FLOOR. SEE STRUCTURAL DRAWINGS. GRIND SMOOTH AND PREP FLOOR FOR LEAD INSTALLATION. INSTALL HIGH PERFORMANCE, SELF LEVELING CEMENTATIOUS UNDERLAYMENT OVER LEAD TO FINISH WITH ADJACENT SLAB - MAPEI- ULTRAPLAN EASY OR APPROVED EQUAL. GRIND AND PREP FOR NEW FLOOR FINISHES. PROVIDE 2-HR RATED CEMENTITIOUS SPRAY APPLIED FIREPROOFING UNDER SLAB ON METAL DECK OF LEVEL BELOW TO MAINTAIN FIRE RESISTANCE RATING OF FLOOR SLAB. REMOVE AND RE-INSTALL CEILING LEVEL BELOW AFTER ALL FIREPROOFING AND M/E/P WORK IS COMPLETE.

03.09 3" x 3" x 1/4" THICK TUBE STEEL POST. ANCHOR TO FLOOR PER DETAIL 5/A506A. POST TO SPAN FROM FINISHED FLOOR TO +/- 6'-10" AFF.

O5.18 INSULATE WALLS WITH R-13 BATT INSULATION AND ADD NEW FLOOR TO DECK,
5/8" THICK, TYPE 'X' GYPSUM BOARD. EXTEND WALL TO DECK/STRUCTURE
ABOVE AND SEAL ALL THROUGH-WALL PENTRATIONS. SEE WALL TYPE 'H3' FOR

13.02 ALL WALLS TO HAVE LEAD LINED GYPSUM BOARD. LEAD LINING AT WALLS TO SPAN FROM FINISHED FLOOR TO 7'-0" ABOVE FINISH FLOOR. ALL DOORS AND WINDOWS AND HM FRAMES TO HAVE THE SAME LEAD RATING AS THE WALLS THEY PENETRATE. ALL ELECTRICAL OUTLETS, SWITCHES AND OTHER PENETRATIONS SHOULD BE BACKED BY THE SAME THICKNESS AS THE WALLS THEY PENETRATE. SEE PHYSICIST REPORT IN PROJECT MANUAL AND DIMENSION PLAN SHEET A114 FOR MORE DETAILS ON LEAD SHIELDING. PROVIDE 16GA STUDS AT ALL LEAD LINED WALLS.



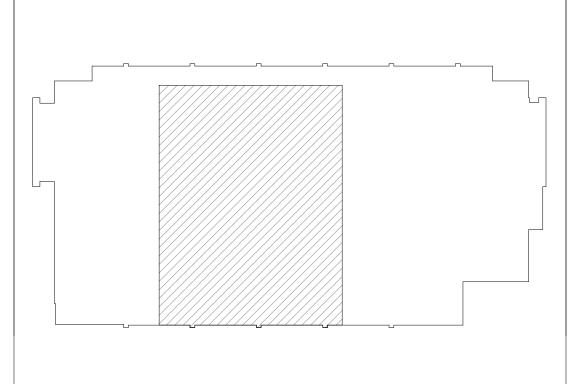
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- B. SEE SHEET A505A FOR CABINET LEGEND.C. SEE SHEET A601A FOR DOOR AND WINDOW SCHEDULE.
- E. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.

KEY PLAN

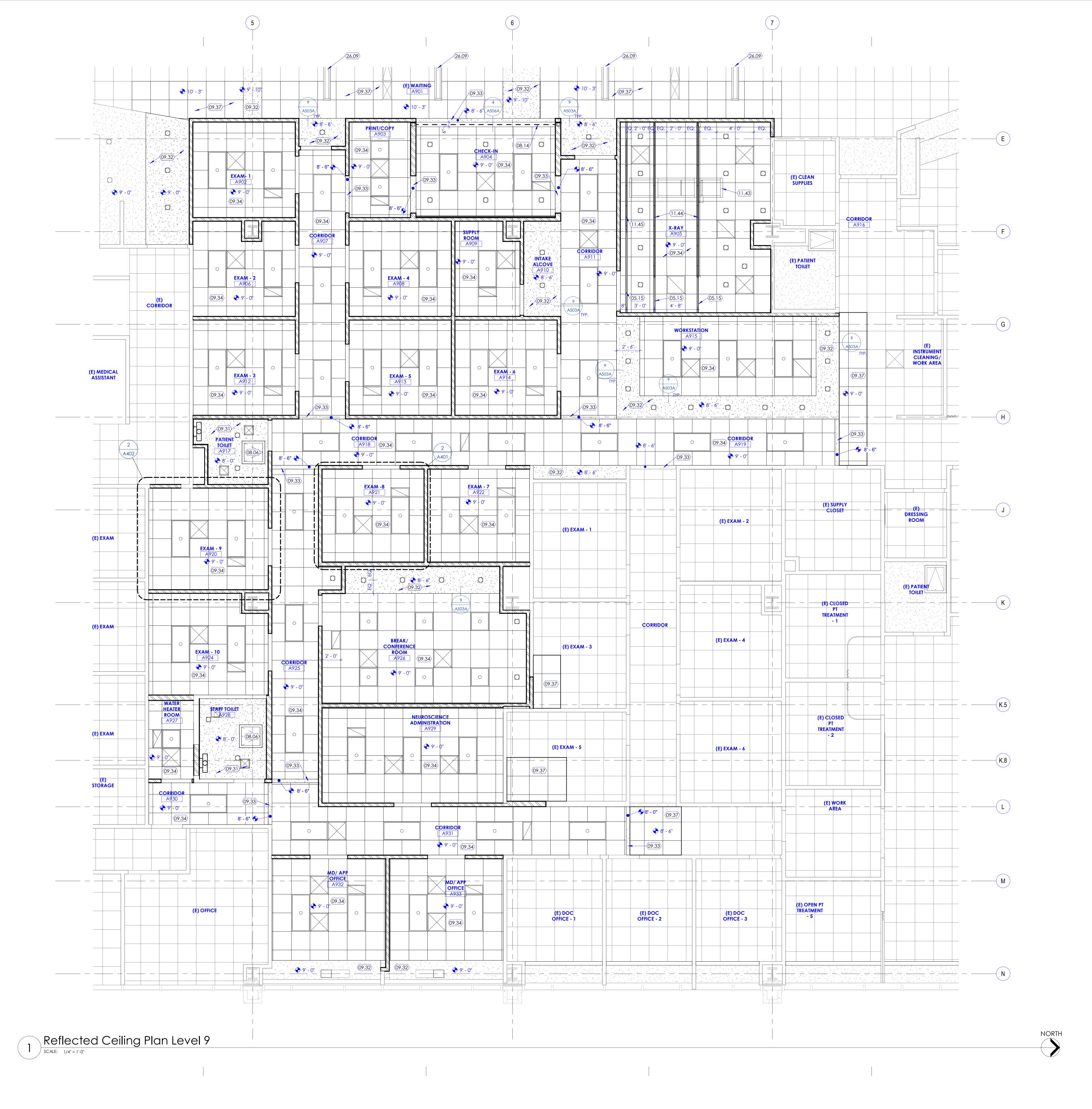


Dimension

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- 05.15 WALL TO WALL P5501 UNISTRUTS, TYPICAL. UNISTRUTS TO BE FLUSH MOUNTED WITH CEILING. SEE DETAILS ON GE DRAWINGS. ALSO SEE STRUCTURAL DRAWINGS. SEE GE DRAWINGS FOR EXACT LENGTH, LAYOUT AND LOCATION OF UNISTRUTS. PROVIDE P1184 P WHITE PVC CLOSURE STRIP BY 'UNISTRUT' AT ALL EXPOSED UNISTRUTS AFTER INSTALLATION OF GE EQUIPMENT RAILS.
- 08.06 24" X 24" GASKETED GFRG ACCESS PANELS. BASIS OF DESIGN: BAUCO PLUS II ARCHITECTURAL ACCESS PANEL WITH CONCEALED HARDWARE AND GYPSUM BOARD INLAY. MODEL NUMBER 20-58-2424. COORDINATE LOCATION OF ACCESS PANELS WITH M/E/P.
- 08.14 OVERHEAD AUTOMATED ROLL DOWN SECURITY GRILL. BASIS OF DESIGN CORNELL ROLLING GRILLS, VISION AIRE, MODEL ESG10. SEE ELECTRICAL DRAWINGS FOR POWER REQUIREMENTS. PROVIDE OPEN/CLOSE KEY SWTICH OPERATION WITH STOP BUTTON.
- 09.31 GYPSUM BOARD CEILING. SEE DETAIL 5/A503A. SEE M/E/P DRAWINGS FOR LIGHTS AND DIFFUSERS. 09.32 GYPSUM BOARD SOFFIT. SEE DETAIL 9/A503A. SEE M/E/P DRAWINGS FOR
- LIGHTS AND DIFFUSERS. 09.33 GYPSUM BOARD HEADER. SEE DETAIL 6/A503A.
- 09.34 ACOUSTIC CEILING TILES AND GRIDS. CEILING TILES TO BE ARMSTRONG ultima health zone (item # 1935) 24" x 24" x 3/4" edge detail: Square LAY-IN. GRIDS SHALL BE 15/16" PRELUDE XL EXPOSED TEE HEAVY DUTY. ANGLE MOLDING SHALL BE 7/8" WITH BERC 2 CLIPS. SEE CEILING DETAILS ON SHEET
- 09.37 NEW 2X2 CEILING TILES AND GRIDS TO MATCH ADJACENT EXISTING.SEE M/E/P DRAWINGS FOR LIGHTS AND DIFFUSERS.
- 11.43 OTS BRIDGE. SEE GE DRAWINGS. ALSO SEE M/E/P DRAWINGS. 11.44 STATIONARY EQUIPMENT RAILS. SEE GE DRAWINGS. ALSO SEE STRUCTURAL

A503A. SEE M/E/P DRAWINGS FOR LIGHTS AND DIFFUSERS.

- DRAWINGS FOR UNISTRUTS AND ANCHORAGE ABOVE EQUIPMENT RAILS. 11.45 CABLE DRAPE RAIL. SEE GE DRAWINGS. ALSO SEE STRUCTURAL DRAWINGS FOR UNISTRUTS AND ANCHORAGE ABOVE EQUIPMENT RAILS.
- 26.09 CLEAN AND RE-INSTALL CEILING MOUNTED PENDANT LIGHT FIXTURES. NEW LOCATION TO BE ABOUT 2'-0" TO THE WEST.



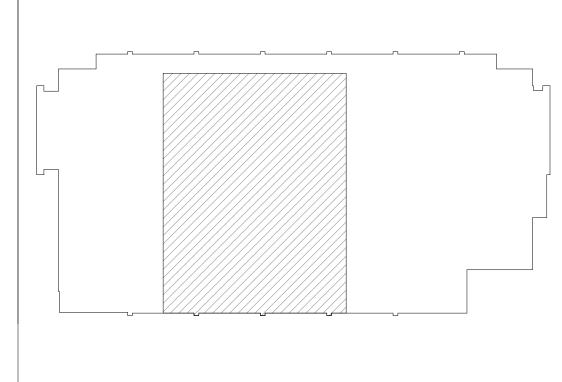
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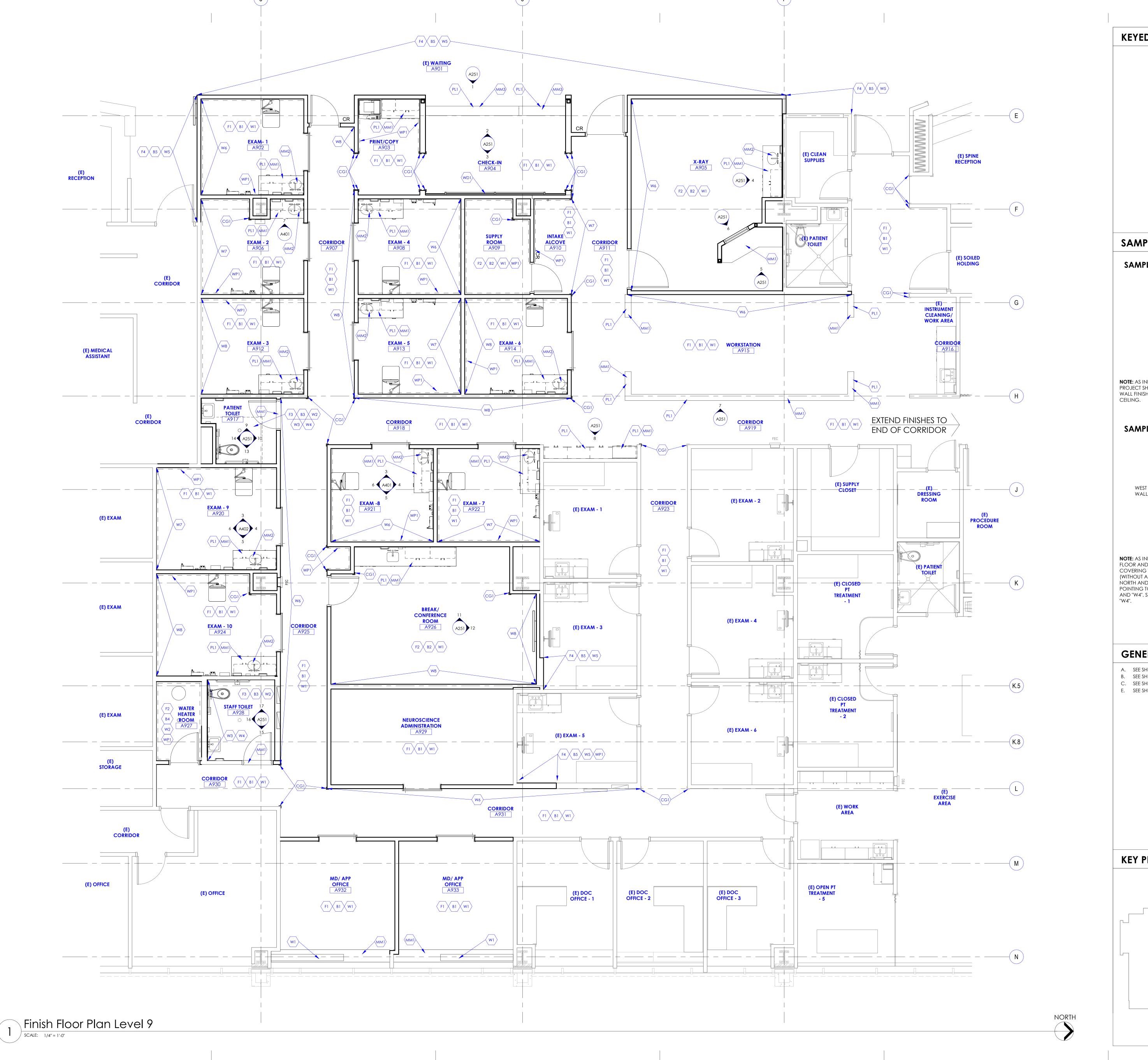
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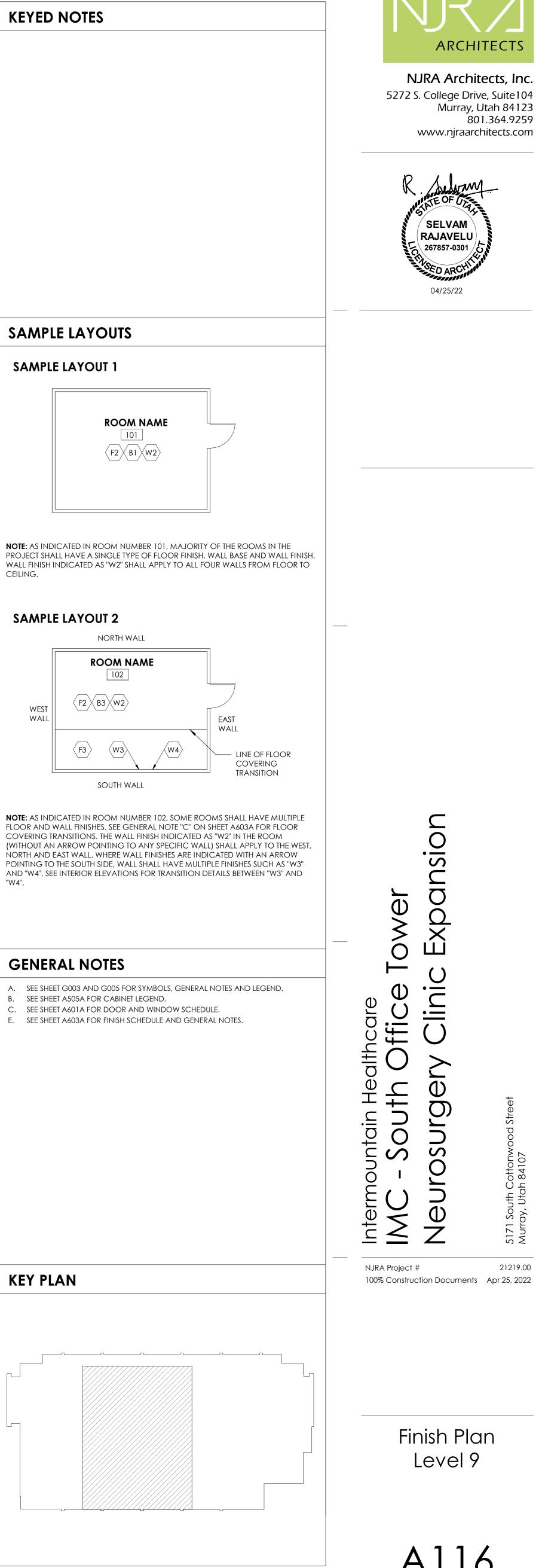
KEY PLAN

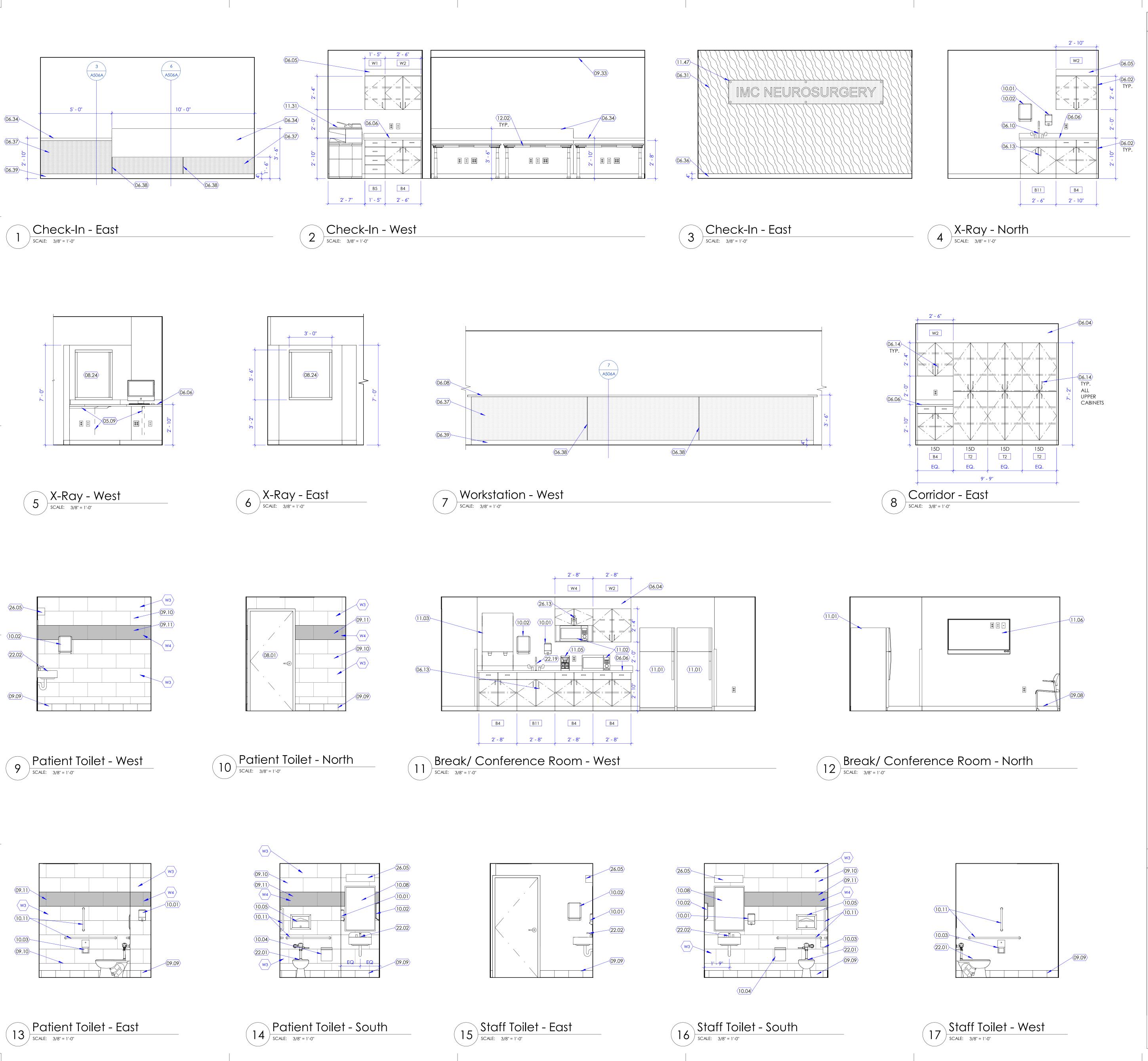


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> Reflected Ceiling Plan Level 9







- 05.09 IN-WALL STEEL ANGLE SUPPORTS FOR COUNTERTOP WHERE KNEE SPACE OCCURS BELOW. LOCATE COUNTER SUPPORTS AT 3'-0" O.C. MAX. SEE DETAIL 5/A505B. PAINT TO MATCH WALL COLOR. PROVIDE 16 GA STUDS AT COUNTERTOP SUPPORT, TYPICAL.
- 06.02 FILLER PANEL. PLASTIC LAMINATE WRAPPED OVER 3/4" PARTICLE BOARD. PROVIDE FILLER PANEL BETWEEN CABINETS AND BETWEEN CABINET AND WALL,
- 06.04 P-LAM CLOSER PANEL TO CEILING ABOVE. SEE DETAIL 2/A505B. 06.05 P-LAM SLOPED DUST TOP. SEE DETAILS 1/A505B AND 2/A505B. 06.06 SOLID SURFACE COUNTER WITH FULL BULLNOSE EDGE AND INTEGRAL BACKSPLASH, SEE DETAIL 6/A505B. PROVIDE INTEGRAL SIDE SPLASH WHERE
- COUNTER ABUTS PERPENDICULAR WALL/CABINET. 06.08 SOLID SURFACE TRANSACTION COUNTER WITH FULL BULLNOSE EDGE. SEE FINISH SCHEDULE. SEE DETAIL 7/A506A.
- 06.10 SOLID SURFACE INTEGRAL SINK. BASIS OF DESIGN: SAMSUNG, STARON A3181 SINK, COLOR "BRIGHT WHITE" BW010. ALSO SEE PLUMBING DWGS.
- 06.13 LOCK. PROVIDE KEYED LOCK FOR THIS CABINET DOOR (OR DRAWER WHERE OCCURS). PROVIDE REQUIRED HARDWARE FOR THE LOCK SYSTEM.
- 06.14 PROVIDE KEYLESS SECURITY LOCK AT CABINET. BASIS OF DESIGN: KIT LOCK KL 1000 BY CODELOCKS. 06.31 TEXTURED PANELS, 3/4" THICK, CORE- CLASS A FIRE RATED MDF. BASIS OF
- DESIGN SOELBERG INDUSTRIES. SEE FINISH SCHEDULE FOR PATTERN AND COLOR. PROVIDE 3/4" THICK CONTINUOUS SOLID WOOD TRIM AT THE EXPOSED END/EDGE. PAINT TRIM TO MATCH PANELS. VERTICAL/HORIZONTAL PANEL JOINTS TO BE SEAMLESS. WOOD GRAIN AND PROFILE TO RUN
- 06.34 QUARTZ COUNTERTOP/TRANSACTION COUNTER. SEE DETAILS 3/A506A AND
- 06.36 SOLID WOOD STOCK BASE. STAIN TO MATCH TEXTURED WALL PANELS. 06.37 3/4" THICK PLASTIC LAMINATE FACED PANEL SYSTEM. ATTACH TO GYPSUM
- BOARD WALL USING BROOKLYN HARDWARE, CONTINUOUS ALUMINUM PANEL CLIP SYSTEM OR APPROVED EQUAL. SEE DETAILS ON SHEET A506A.
- 06.38 3/16" REVEAL, TYPICAL. SEE DETAILS ON SHEET A506A. 06.39 SOLID WOOD STOCK BASE. STAIN TO MATCH P-LAM PANELS.
- 08.01 DOOR AND DOOR FRAME. SEE DOOR SCHEDULE.

09.33 GYPSUM BOARD HEADER. SEE DETAIL 6/A503A.

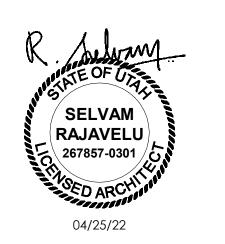
- 08.24 LEAD LINED WINDOW. SEE WINDOW SCHEDULE DETAIL 3/A601A. 09.08 WALL BASE AS SCHEDULED. SEE FINISH FLOOR PLANS AND FINISH SCHEDULE
- FOR MATERIAL, SIZE, COLOR, ETC.
- 09.09 6" HIGH TILE BASE, BULLNOSE AND COVED. SEE FINISH FLOOR PLANS AND SCHEDULE.
- 09.10 WALL TILE. SEE FINISH FLOOR PLAN. PROVIDE 5/8" THICK CEMENT BOARD BEHIND WALL TILES, TYPICAL.
- 09.11 ACCENT WALL TILE. SEE FINISH FLOOR PLAN. PROVIDE 5/8" THICK CEMENT BOARD BEHIND WALL TILES, TYPICAL.
- 10.01 SOAP DISPENSER. OFCI. SEE SHEET G004 FOR MOUNTING HEIGHT.
- 10.02 PAPER TOWEL DISPENSER. OFCI. SEE SHEET G003 FOR MOUNTING HEIGHT.
- 10.03 TOILET PAPER DISPENSER. OFCI. SEE SHEET G003 FOR MOUNTING HEIGHT.
- 10.04 SANITARY NAPKIN DISPOSAL. SEE SPECIFICATIONS. SEE SHEET G003 FOR MOUNTING HEIGHT.
- 10.05 TOILET SEAT COVER DISPENSER. SEE SPECIFICATIONS. SEE SHEET G003 FOR MOUNTING HEIGHT.
- 10.08 MIRROR. 24 INCHES WIDE X 36" HIGH, SEE SPECIFICATIONS, MOUNT MIRROR SUCH THAT THE REFLECTIVE SURFACE OF MIRROR IS NO MORE THAN 40 INCHES AFF. SEE SHEET G003 FOR MOUNTING HEIGHT.

10.11 GRAB BARS. SEE SPECIFICATIONS. PROVIDE 'TYPE 1' METAL STUD BACKING PER

- DETAIL 5/A502A. SEE SHEET G003 FOR MOUNTING HEIGHTS. 11.01 REFRIGERATOR, OFCI. SEE ELECTRICAL DRAWINGS. 11.02 MICROWAVE, OFCI. SEE ELECTRICAL DRAWINGS. FOR MICROWAVE IN WALL
- CABINET PROVIDE OUTLET IN THE CABINET ABOVE WITH A GROMMET OPENING AT THE BASE OF THIS CABINET. 11.03 ICE AND WATER DISPENSER. OFCI. SEE PLUMBING DRAWINGS. CAREFULLY CUT
- AROUND BACKSPLASH BEHIND TO ACCOMMODATE FOR WASHER BOX. BOTTOM OF WALL BOX TO BE ONE INCH ABOVE COUNTERTOP. ALSO SEE ELECTRICAL DRAWINGS FOR POWER.
- 11.05 COFFEE POT, OFCI. SEE ELECTRICAL DRAWINGS. 11.06 WALL MOUNTED MONITOR/TELEVISION OFCI. SEE ELECTRICAL DRAWINGS.
- PROVIDE 3'-0" W X 2'-0" H X 18 GA SHEET METAL BACKING. COORDINATE LOCATION OF OUTLETS WITH MONITOR MOUNTING BRACKET. 11.31 PRINTER/COPIER. OFOI. SEE ELECTRICAL DRAWINGS FOR POWER AND DATA.
- 11.47 SIGNAGE. PROVIDED AND INSTALLED BY OWNERS VENDOR 'SCRIBBLE SIGNAGE'. PROVIDE TYPE 1 BACKING FOR WALL MOUNTED SIGNAGE PER DETAIL 5/A502A. COORDINATE WITH SIGNAGE VENDOR ON LOCATION AND EXTENT OF BACKING.
- 12.02 HEIGHT ADJUSTABLE SIT/STAND DESK. PROVIDED AND INSTALLED BY OWNERS VENDOR MIDWEST COMMERCIAL INTERIORS (MWCI). SEE ELECTRICAL DRAWINGS FOR POWER.
- 22.01 FLOOR MOUNTED WATER CLOSET. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC. SEE PLUMBING DRAWINGS.
- 22.02 WALL MOUNTED HAND WASH SINK, SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC. SEE PLUMBING DRAWINGS.
- 22.19 STAINLESS STEEL SINK. SEE PLUMBING DRAWINGS. SINK TO BE INTEGRAL WITH COUNTERTOP.
- 26.05 LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS.
- 26.13 POWER RECEPTACLE FOR MICROWAVE IN CABINET ABOVE. PROVIDE

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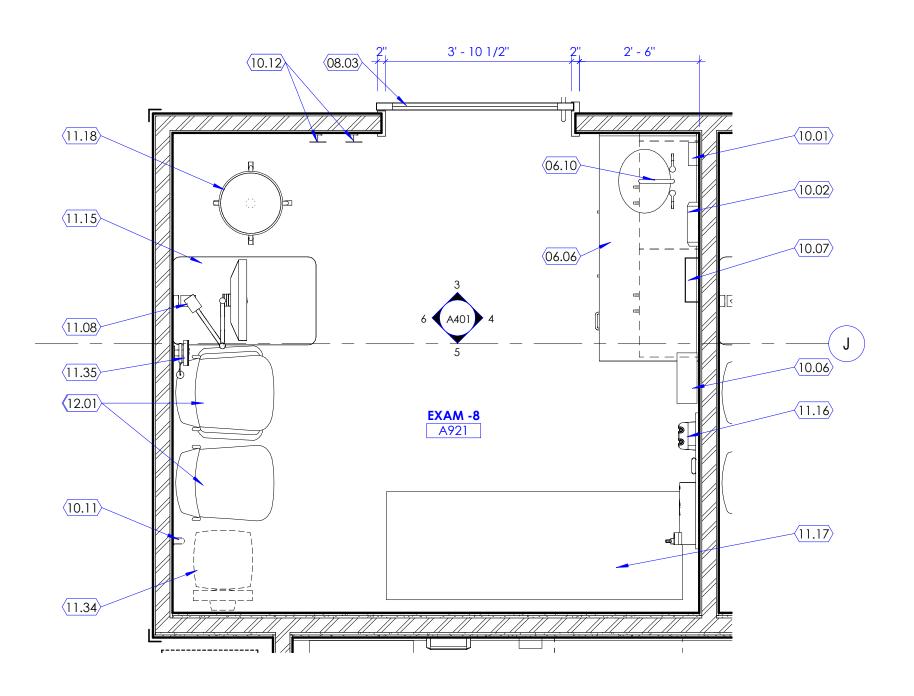
GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR AND WINDOW SCHEDULE.

E. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.

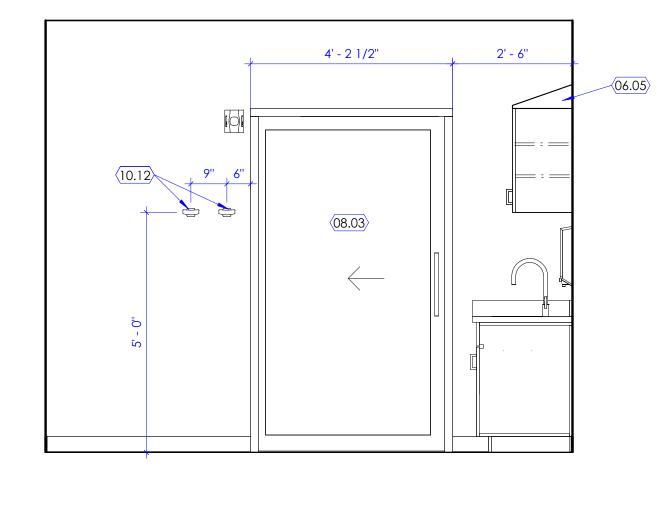
Interior Elevations

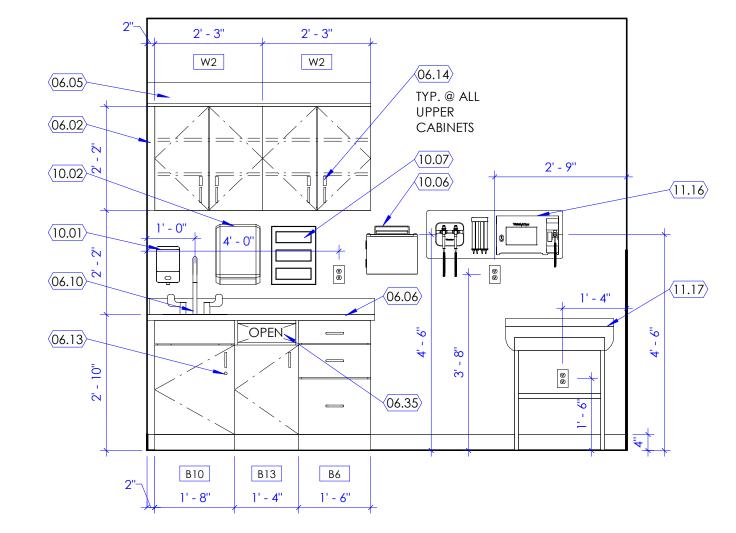
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Enlarged Plan - Typical Exam Room

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



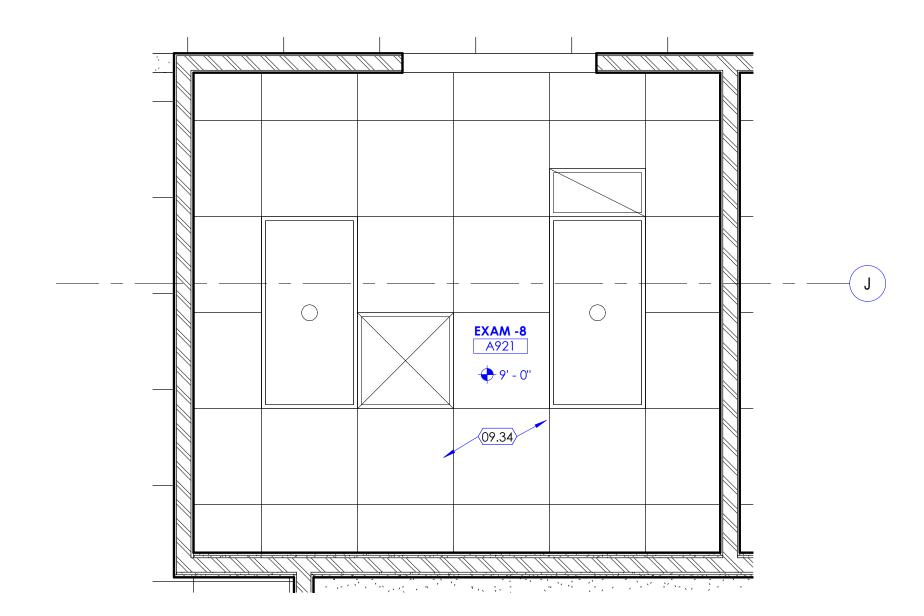


3 Exam 8 - Room A921

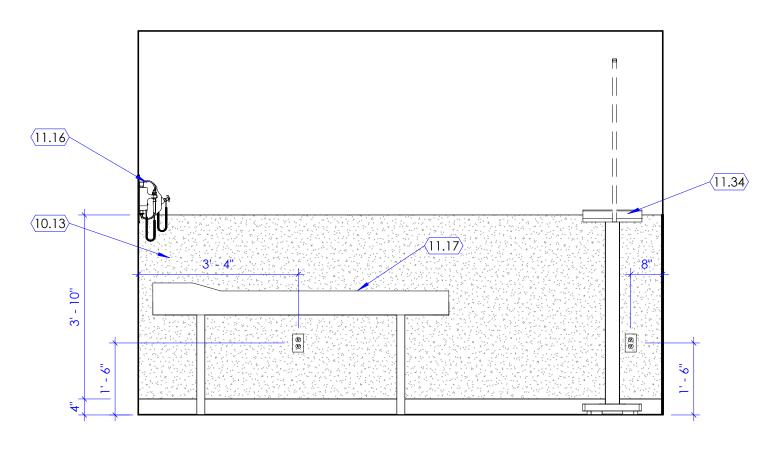
SCALE: 1/2" = 1'-0"

Exam 8 - Room A921

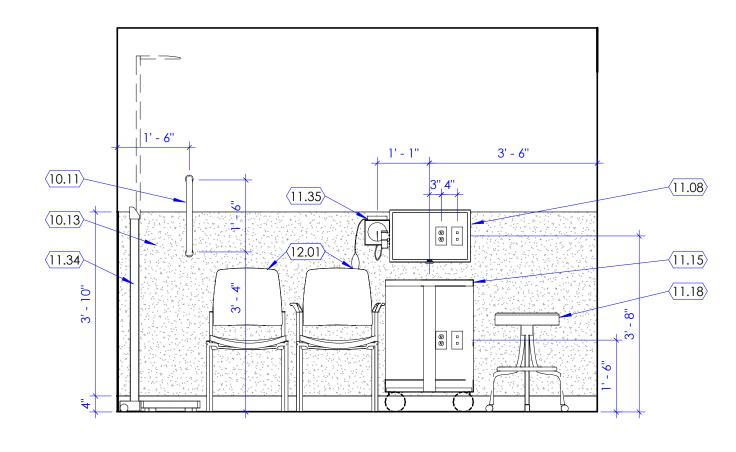
SCALE: 1/2" = 1'-0"



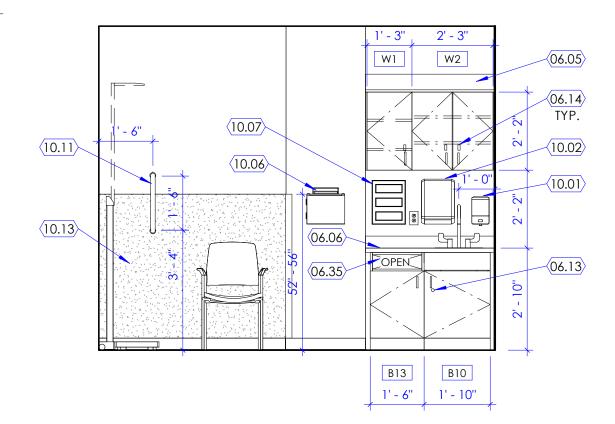








6 Exam 8 - Room A921
SCALE: 1/2" = 1'-0"



7 Exam 2

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



- 06.02 FILLER PANEL. PLASTIC LAMINATE WRAPPED OVER 3/4" PARTICLE BOARD.
 PROVIDE FILLER PANEL BETWEEN CABINETS AND BETWEEN CABINET AND WALL,
- 06.05 P-LAM SLOPED DUST TOP. SEE DETAILS 1/A505B AND 2/A505B.
- 06.06 SOLID SURFACE COUNTER WITH FULL BULLNOSE EDGE AND INTEGRAL BACKSPLASH. SEE DETAIL 6/A505B. PROVIDE INTEGRAL SIDE SPLASH WHERE
- COUNTER ABUTS PERPENDICULAR WALL/CABINET.

 06.10 SOLID SURFACE INTEGRAL SINK. BASIS OF DESIGN: SAMSUNG, STARON A3181
- SINK, COLOR "BRIGHT WHITE" BW010. ALSO SEE PLUMBING DWGS.

 06.13 LOCK. PROVIDE KEYED LOCK FOR THIS CABINET DOOR (OR DRAWER WHERE
- OCCURS). PROVIDE REQUIRED HARDWARE FOR THE LOCK SYSTEM.

 06.14 PROVIDE KEYLESS SECURITY LOCK AT CABINET. BASIS OF DESIGN: KIT LOCK KL
- 1000 BY CODELOCKS.

 06.35 ALL OPEN SURFACES TO HAVE P-LAM.

A503A. SEE M/E/P DRAWINGS FOR LIGHTS AND DIFFUSERS.

- 08.03 SLIDING BARN DOOR. BASIS OF DESIGN: AD SYSTEMS. SEE DOOR SCHEDULE.
 09.34 ACOUSTIC CEILING TILES AND GRIDS. CEILING TILES TO BE ARMSTRONG
 ULTIMA HEALTH ZONE (ITEM # 1935) 24" X 24" X 3/4" EDGE DETAIL: SQUARE
 LAY-IN. GRIDS SHALL BE 15/16" PRELUDE XL EXPOSED TEE HEAVY DUTY. ANGLE
 MOLDING SHALL BE 7/8" WITH BERC 2 CLIPS. SEE CEILING DETAILS ON SHEET
- 10.01 SOAP DISPENSER. OFCI. SEE SHEET G004 FOR MOUNTING HEIGHT.10.02 PAPER TOWEL DISPENSER. OFCI. SEE SHEET G003 FOR MOUNTING HEIGHT.
- 10.06 SHARPS DISPOSAL. OFCI. SEE SHEET G003 FOR MOUNTING HEIGHT. COORDINATE EXACT LOCATION WITH OWNER.
- 10.07 GLOVES DISPENSER, OFCI. SEE SHEET G003 FOR MOUNTING HEIGHT. COORDINATE EXACT LOCATION WITH OWNER.
- 10.11 GRAB BARS. SEE SPECIFICATIONS. PROVIDE 'TYPE 1' METAL STUD BACKING PER DETAIL 5/A502A. SEE SHEET G003 FOR MOUNTING HEIGHTS.
- 10.12 ROBE HOOK. BASIS OF DESIGN BOBRICK B-7672 DOUBLE ROBE HOOK. PROVIDE TYPE 1 BACKING PER DETAIL 5/A502A.
- 10.13 WALL PROTECTION WAINSCOT, 0.06 INCH THICK. TOP OF WAINSCOT TO ALIGN WITH TOP OF CORNER GUARD WHERE OCCURS. SEE FINISH PLAN AND SCHEDULE.

11.08 WALL MOUNTED NURSE CHARTING STATION. SEE DETAIL 13/A502A FOR

- BACKING REQUIREMENTS. ALSO SEE ELECTRICAL DRAWINGS FOR POWER AND DATA.

 11.15 PHYSICIAN CHARTING DESK. PROVIDED AND INSTALLED BY OWNERS VENDOR
- MIDWEST COMMERCIAL INTERIORS (MWCI). PLEASE COORDINATE WITH MWCI.

 11.16 INTEGRATED WALL MOUNTED DIAGNOSTIC BOARD. OFCI. COORDINATE WITH
- ELECTRICAL DRAWINGS FOR POWER REQUIREMENTS. PROVIDE 'TYPE-2'
 BACKING PER DETAIL 5/A502A.

 11.17 EXAM TABLE, OFOI. SEE ELECTRICAL DRAWINGS FOR POWER REQUIREMENTS.
- 11.18 EXAM STOOL, OFOI.
- 11.34 STADIOMETER/SCALE, OFCI. SEE ELECTRICAL DRAWINGS FOR POWER.

 11.35 WALL MOUNTED BLOOD PRESSURE CUFF, OFCI.
- 12.01 FURNITURE, TO BE PROVIDED AND INSTALLED BY OWNERS VENDOR (MIDWEST COMMERCIAL INTERIORS MWCI)

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GENERAL NOTES

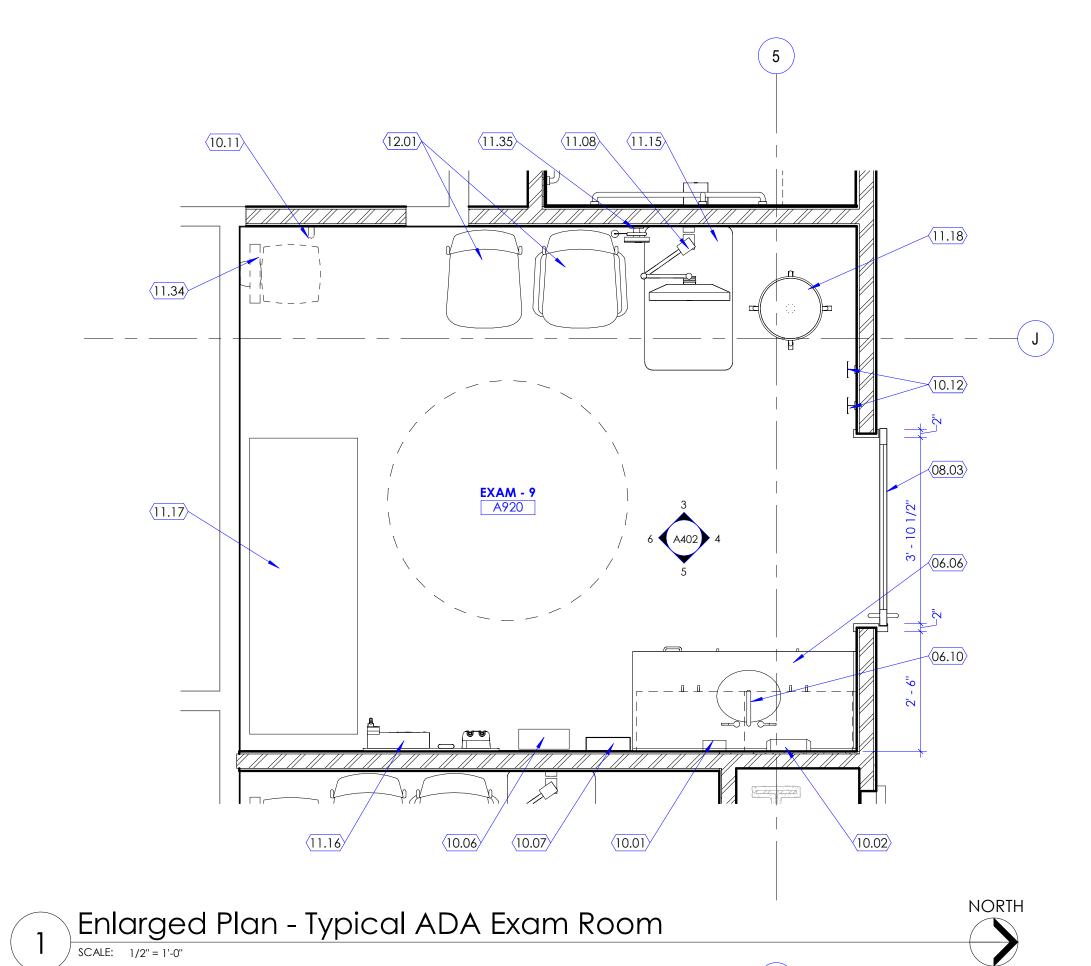
- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR AND WINDOW SCHEDULE.E. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.

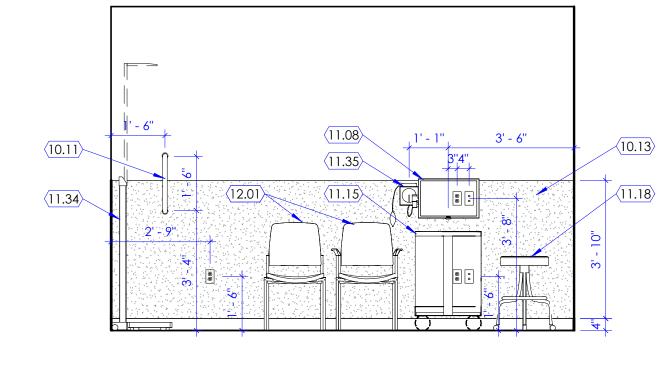
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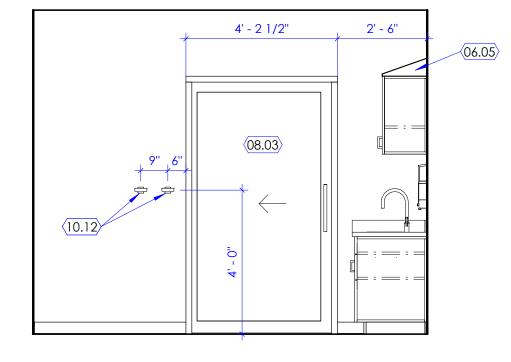
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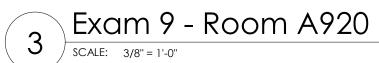
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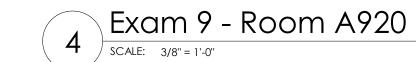
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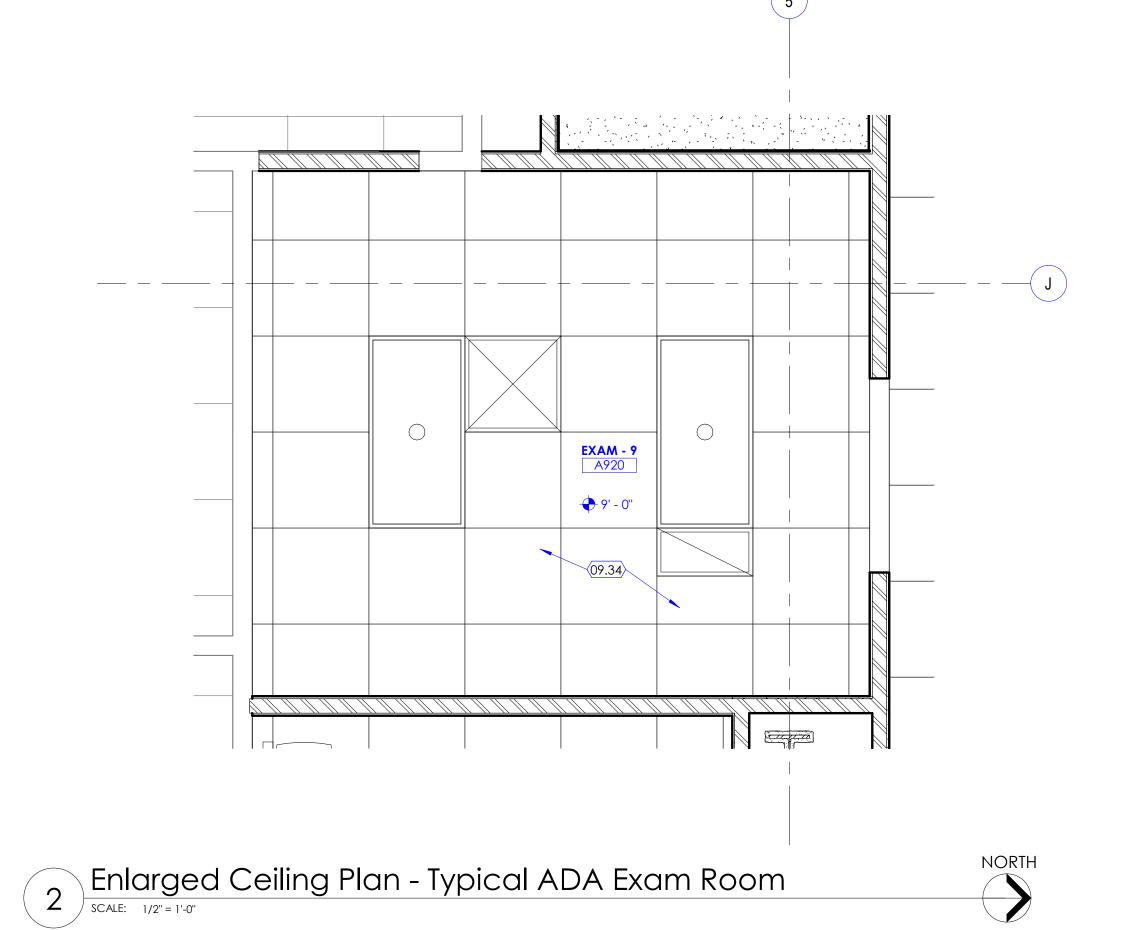


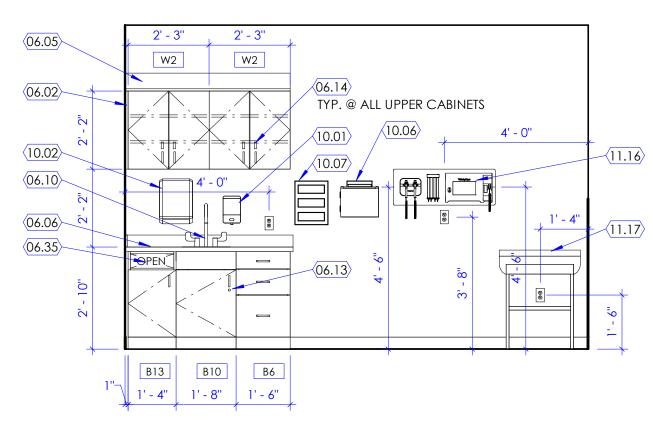


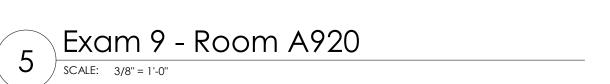


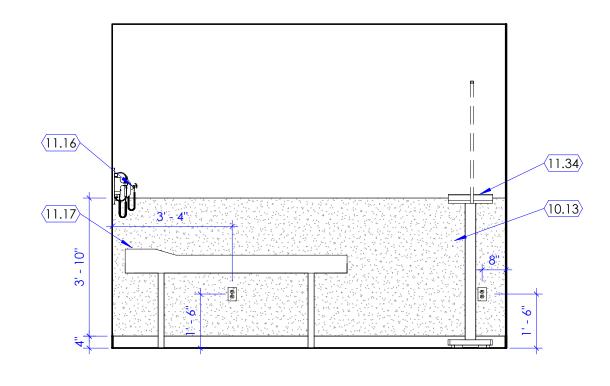












6 Exam 9 - Room A920
SCALE: 3/8" = 1'-0"



- 06.02 FILLER PANEL. PLASTIC LAMINATE WRAPPED OVER 3/4" PARTICLE BOARD.
 PROVIDE FILLER PANEL BETWEEN CABINETS AND BETWEEN CABINET AND WALL,
- 06.05 P-LAM SLOPED DUST TOP. SEE DETAILS 1/A505B AND 2/A505B.

COUNTER ABUTS PERPENDICULAR WALL/CABINET.

- 06.06 SOLID SURFACE COUNTER WITH FULL BULLNOSE EDGE AND INTEGRAL BACKSPLASH. SEE DETAIL 6/A505B. PROVIDE INTEGRAL SIDE SPLASH WHERE
- 06.10 SOLID SURFACE INTEGRAL SINK. BASIS OF DESIGN: SAMSUNG, STARON A3181 SINK, COLOR "BRIGHT WHITE" BW010. ALSO SEE PLUMBING DWGS.
- 06.13 LOCK. PROVIDE KEYED LOCK FOR THIS CABINET DOOR (OR DRAWER WHERE OCCURS). PROVIDE REQUIRED HARDWARE FOR THE LOCK SYSTEM.
- 06.14 PROVIDE KEYLESS SECURITY LOCK AT CABINET. BASIS OF DESIGN: KIT LOCK KL 1000 BY CODELOCKS.
- 06.35 ALL OPEN SURFACES TO HAVE P-LAM.

A503A. SEE M/E/P DRAWINGS FOR LIGHTS AND DIFFUSERS.

10.06 SHARPS DISPOSAL. OFCI. SEE SHEET G003 FOR MOUNTING HEIGHT.

- 08.03 SLIDING BARN DOOR. BASIS OF DESIGN: AD SYSTEMS. SEE DOOR SCHEDULE.
 09.34 ACOUSTIC CEILING TILES AND GRIDS. CEILING TILES TO BE ARMSTRONG
 ULTIMA HEALTH ZONE (ITEM # 1935) 24" X 24" X 3/4" EDGE DETAIL: SQUARE
 LAY-IN. GRIDS SHALL BE 15/16" PRELUDE XL EXPOSED TEE HEAVY DUTY. ANGLE
 MOLDING SHALL BE 7/8" WITH BERC 2 CLIPS. SEE CEILING DETAILS ON SHEET
- 10.01 SOAP DISPENSER. OFCI. SEE SHEET G004 FOR MOUNTING HEIGHT.10.02 PAPER TOWEL DISPENSER. OFCI. SEE SHEET G003 FOR MOUNTING HEIGHT.
- COORDINATE EXACT LOCATION WITH OWNER.

 10.07 GLOVES DISPENSER, OFCI. SEE SHEET G003 FOR MOUNTING HEIGHT.
- 0.07 GLOVES DISPENSER, OFCI. SEE SHEET G003 FOR MOUNTING HEIGHT. COORDINATE EXACT LOCATION WITH OWNER.
- 10.11 GRAB BARS. SEE SPECIFICATIONS. PROVIDE 'TYPE 1' METAL STUD BACKING PER DETAIL 5/A502A. SEE SHEET G003 FOR MOUNTING HEIGHTS.
 10.12 ROBE HOOK. BASIS OF DESIGN BOBRICK B-7672 DOUBLE ROBE HOOK.
- PROVIDE TYPE 1 BACKING PER DETAIL 5/A502A.

 10.13 WALL PROTECTION WAINSCOT, 0.06 INCH THICK. TOP OF WAINSCOT TO ALIGN WITH TOP OF CORNER GUARD WHERE OCCURS. SEE FINISH PLAN AND
- SCHEDULE.

 11.08 WALL MOUNTED NURSE CHARTING STATION. SEE DETAIL 13/A502A FOR BACKING REQUIREMENTS. ALSO SEE ELECTRICAL DRAWINGS FOR POWER
- 11.15 PHYSICIAN CHARTING DESK. PROVIDED AND INSTALLED BY OWNERS VENDOR MIDWEST COMMERCIAL INTERIORS (MWCI). PLEASE COORDINATE WITH
- MWCI.

 11.16 INTEGRATED WALL MOUNTED DIAGNOSTIC BOARD. OFCI. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER REQUIREMENTS. PROVIDE 'TYPE-2' BACKING PER DETAIL 5/A502A.
- 11.17 EXAM TABLE, OFOI. SEE ELECTRICAL DRAWINGS FOR POWER REQUIREMENTS.
 11.18 EXAM STOOL, OFOI.
- 11.34 STADIOMETER/SCALE, OFCI. SEE ELECTRICAL DRAWINGS FOR POWER.

 11.35 WALL MOUNTED BLOOD PRESSURE CUFF, OFCI.
- 12.01 FURNITURE, TO BE PROVIDED AND INSTALLED BY OWNERS VENDOR (MIDWEST COMMERCIAL INTERIORS MWCI)



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ntermountain Healthcare MC - South Office Tower Veurosurgery Clinic Expansion

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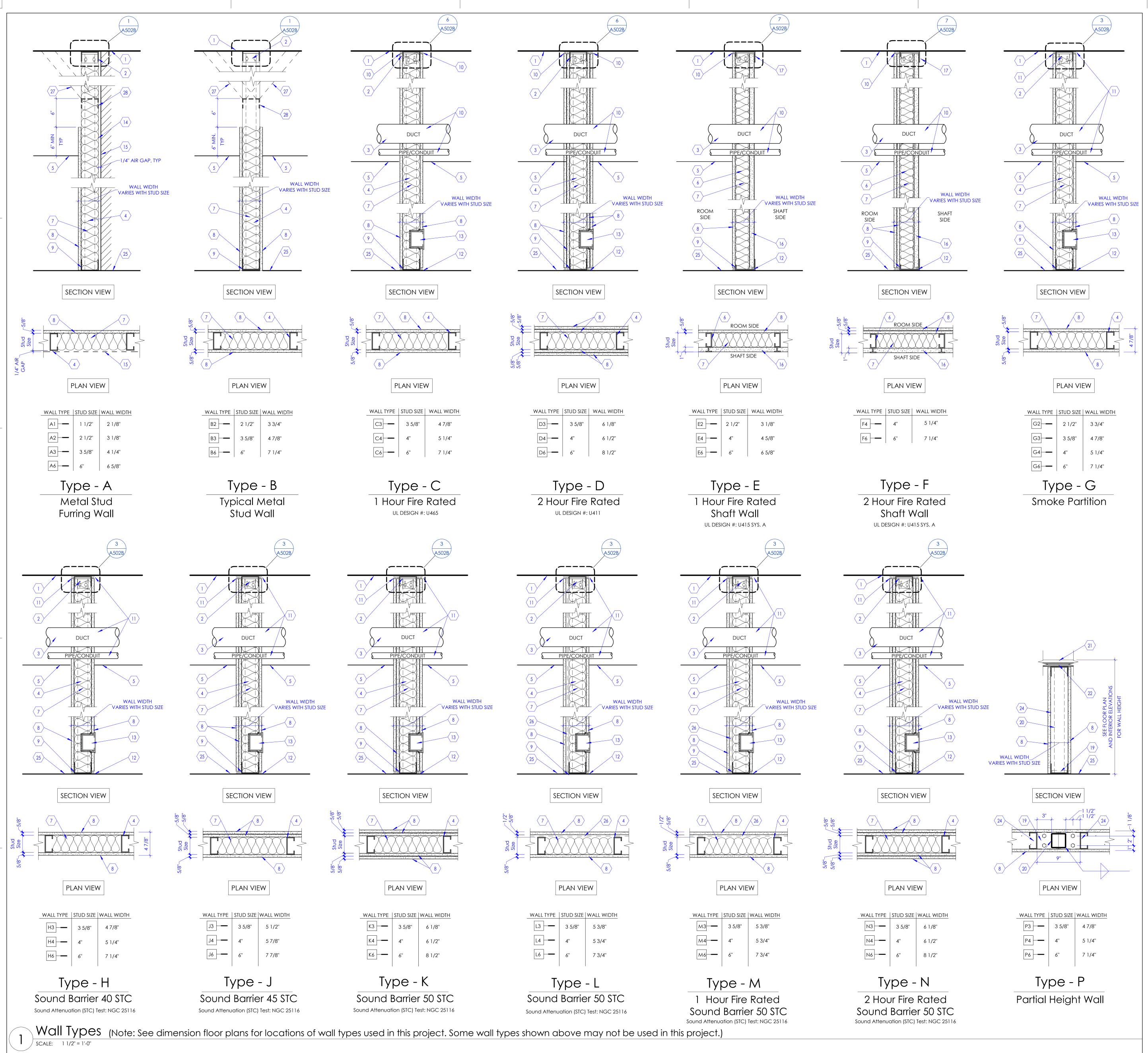
GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR AND WINDOW SCHEDULE.E. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.

Enlarged Views

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- 1. LINE OF FLOOR OR ROOF DECK AS OCCURS.
- 2. TO ACCOMMODATE FOR STRUCTURE DEFLECTION, PROVIDE SLIP CONNECTION BETWEEN TOP RUNNER TRACK AND METAL STUD FRAMING. SEE DETAIL 9 / A502B
- STUD FRAMING AROUND DUCT OPENINGS. SEE DETAIL 11/A502A
 METAL STUDS, 20 GA STRUCTURAL (USE 30 MIL FOR FLOOR TO FLOOR HEIGHT OF 16'-0" OR LESS AND USE 33 MIL FOR MORE THAN 16'-0") AT 16" O.C., U.N.O. BASED ON WALL TYPES INDICATED IN FLOOR PLAN, PROVIDE STUD SIZE AS INDICATED IN WALL TYPES WITH TRACK RUNNERS AT TOP AND BOTTOM. FOR STUD FRAMING
- AROUND DOOR AND WINDOW OPENINGS, SEE DETAIL 11 / A502A

 5. LINE OF CEILING AS OCCURS. SEE REFLECTED CEILING PLAN.
- STEEL STUDS. "C-H' SHAPED, 20 GA STRUCTURAL AT 24" O.C.
 PROVIDE ACOUSTIC INSULATION BLANKET FOR FULL DEPTH OF THE STUD CAVITY THROUGHOUT, UNO. FOR 4" & 3 5/8" STUDS PROVIDE R-13 UNFACED BATT INSULATION AND FOR 6" STUDS PROVIDE R-19 UNFACED BATT INSULATION.
- PROVIDE KRAFT FACED INSULATION FOR ALL APPLICATIONS AT EXTERIOR WALLS.

 8. GYPSUM BOARD, 5/8" THICK, TYPE 'X', U.N.O, ATTACHED TO METAL STUD FRAMING. SEE GENERAL NOTE 'B' BELOW.
- ANCHOR BASE TRACK TO CONCRETE FLOOR BELOW. SEE DETAIL 8 / A502A
 FILL GAP BETWEEN DECK AND METAL TRACK TOP RUNNER WITH FIRESTOP SEALANT. SEAL TIGHTLY AROUND ALL PIPES, CONDUITS, DUCTS, ETC. ON EACH SIDE OF THE FIRE BARRIER WALL (CONTINUOUS) WITH APPROVED FIRESTOP SEALANT INSTALLED AROUND ALL PENETRATIONS TO MAINTAIN THE INTEGRITY OF THE FIRE BARRIER.
- 11. FILL GAP BETWEEN DECK AND METAL TRACK TOP RUNNER WITH ACOUSTIC SEALANT. SEAL TIGHTLY AROUND ALL PIPES, CONDUITS, DUCTS, ETC. ON EACH SIDE OF THE WALL (CONTINUOUS) AND AROUND ALL PENETRATIONS TO MAINTAIN THE INTEGRITY OF THE WALL.
- 12. STOP GYPSUM BOARD 1/4" ABOVE THE FLOOR TYP. ON EACH SIDE OF WALL. PROVIDE ACOUSTIC SEALANT AT SOUND WALLS AND FIRESTOP SEALANT AT
- RATED WALLS ON EACH SIDE OF THE WALL (CONTINUOUS).

 13. OUTLET BOX AS OCCURS. PROVIDE FIRE BARRIER MOLDABLE PUTTY PADS AND FIRESTOP SEALANT AROUND ELECTRICAL BOXES AT ALL RATED WALLS AND SOUND BARRIER WALLS AND AT BACK TO BACK ELECTRICAL BOXES AT SMOKE PARTITION WALLS, TYP.
- 14. PROVIDE STRAPPING AND BLOCKING AT FURRING WALL. SEE DETAIL 12 / A502A15. LINE INDICATES EXISTING WALL OR STRUCTURE. PROVIDE 1/4" AIR GAP.
- 16. GYPSUM BOARD SHAFT LINER PANEL, 1" THICK, TYPE 'X', ATTACHED TO C-H STUDS.17. STEEL RUNNER, 'J' SHAPED WITH UNEQUAL LEGS OF 1" AND 2", 20 GA, ATTACHED TO FLOOR AND STRUCTURE ABOVE WITH FASTENERS LOCATED NO GREATER THAN 2" FROM ENDS AND NO MORE THAN 24" O.C. RUNNERS SHOULD BE
- STOP STUD RUNNER AT BASE PLATES.
 STEEL PLATE, 3/8" THICK WITH 4-1/2" DIA. HILTI-HY200 EPOXY ANCHORS WITH 2-3/8" HILTI-HIT -2 ANCHORS. EMBED INTO CONCRETE 2-3/8".

POSITIONED WITH SHORT LEG TO FINISHED SIDE OF WALL.

- 2-3/8" HILTI-HIT -2 ANCHORS. EMBED INTO CONCRETE 2-3/8".

 20. TUBE STEEL 3" x 3" x 3/16" AT 6'- 0" O.C.

 21. WALL CAP. SOLID SURFACE MATERIAL ATTACHED TO WALL BELOW. SEE INTERIOR
- ELEVATIONS AND DETAILS FOR EXTENT/PROFILE.

 22 PLYWOOD, 3/4" THICK, CONTINUOUS FIRE TREATED. ATTACH PLYWOOD TO VERTICAL STEEL TURE POST WITH 'L' SHAPED METAL CURS AND EASTENERS
- VERTICAL STEEL TUBE POST WITH 'L' SHAPED METAL CLIPS AND FASTENERS.
 23. TEXT.
- 24. METAL STUDS 16 GA STRUCTURAL AT 16" O.C. PROVIDE RUNNERS AT TOP AND BOTTOM. ATTACH TOP RUNNER TO PLYWOOD AND VERTICAL STEEL POST.
- 25. LINE OF FLOOR.26. RESILIENT CHANNEL, 2" X 1/2", INSTALLED HORIZONTALLY AND SPACED AT 24"
- 27 WHERE CONDITIONS PROHIBIT EXTENDING STUDS TO DECK, PROVIDE CROSS BRACING FROM TOP RUNNER OF WALL TO STRUCTURE ABOVE WITH 3-5/8" 20 GA STUDS AT 4' 0" O.C. ALTERNATE DIRECTION OF BRACING TO STRUCTURE EVERY 48" AS CONDITIONS ALLOW.
- 28 TOP TRACK. 18 GA. REQUIRED AT CROSS-BRACED WALLS.
 29. THIS DIMENSION FROM FLOOR TO BOTTOM OF DECK (FLOOR)
- 29. THIS DIMENSION FROM FLOOR TO BOTTOM OF DECK (FLOOR OR ROOF DECK WHERE OCCURS) SHALL VARY IN THE BUIDLING. SEE BUILDING SECTIONS FOR FLOOR TO FLOOR HEIGHT TO DETERMINE THIS REQUIRED DIMENSION ON DIFFERENT LEVELS AND DIFFERENT AREAS OF THE BUILDING. FOR THIS PROJECT, THIS DIMENSION IS

GENERAL NOTES

AND 13/A502A

- A. CONTRACTOR SHALL VERIFY ITEMS LIKE SEMI OR FULLY RECESSED MISCELLANEOUS BOXES, PANELS, PLUMBING LINES, CONDUITS, PIPES, ETC. THAT ARE CONCEALED IN THE WALL. IF 3-5/8" METAL STUDS ARE INADEQUATE, CONTRACTOR SHALL NOTIFY THE ARCHITECT AND USE 6" STUDS. COORDINATE WITH ALL THE CONSULTANT DRAWINGS PRIOR TO WALL CONSTRUCTION AND USE 6" OR 8", 20 GAUGE METAL STUDS FOR FRAMING IN LIEU OF 3-5/8" METAL STUDS.
- USE 5/8" CEMENTITIOUS BOARD IF CERAMIC OR PORCELAIN WALL TILES ARE INDICATED IN THE FINISH SCHEDULE AS WALL FINISH. CEMENTITIOUS BOARD SHALL EXTEND FROM FINISHED FLOOR TO HEIGHT OF TILE. 5/8" WATER RESISTANT GYPSUM BOARD TO BE USED ABOVE TILE HEIGHT IN RESTROOMS. SEE FLOOR PLANS FOR CERTAIN UNIQUE LOCATIONS THAT REQUIRE LEAD LINED GYPSUM BOARD, IMPACT RESISTANT GYPSUM BOARD, SOUND ATTENUATION GYPSUM BOARD, ETC.
- PROVIDE CONTROL JOINT AS PER DETAIL 14/A502A WHEN LENGTH OF GYPSUM BOARD EXCEEDS 50' IN ONE DIRECTION OR AS DIRECTED BY ARCHITECT.

 COORDINATE WITH ARCHITECT FOR CONTROL JOINT LOCATIONS. WHEN GYPSUM BOARD OR CEMENTITIOUS BOARD IS ATTACHED VERTICALLY, USE 1" LONG #6 DRYWALL SCREWS TO EACH STUD. SCREWS ARE 8" O.C. AT PERIMETER AND 12" AT INTERMEDIATE STUD. WHEN GYPSUM BOARD IS ATTACHED HORIZONTALLY TO STUDS, HORIZONTAL JOINTS SHALL BE STAGGERED WITH THOSE ON THE OPPOSITE SIDE. SCREWS FOR HORIZONTAL APPLICATION SHALL BE 8" O.C. AT VERTICAL
- D. FOR LOCATION OF FIRE RATED WALLS AND SMOKE PARTITION WALLS SEE CODE COMPLIANCE PLAN.
- E. SEE DIMENSION FLOOR PLANS FOR WALL TYPES USED IN THIS PROJECT. SOME WALL TYPES MAY NOT BE USED IN THIS PROJECT.

EDGES AND 12" O.C. AT INTERMEDIATE STUDS.

- F. WHERE LEAD LINED WALLS ARE INDICATED ON THE DRAWINGS, USE 16 GA STUDS IN LIEU OF THE GAUGE OF STUDS CALLED OUT IN THE WALL TYPES.
 G. IN PLACES WHERE MECHANICAL DUCTS ARE DESIGNED TO PENETRATE THE FLOOR, TO MEET THE REQUIREMENTS OF FIRE RATING, PROVIDE A TWO-HOUR FIRE RATED ENCLOSURE AT TOP AND BOTTOM OF SHAFT AS INDICATED IN DETAILS 5/A502B
- AND 8/A502B
 H. IN PLACES WHERE A TWO-HOUR HORIZONTAL ENCLOSURE IS REQUIRED TO SEPARATE THE DUCTS FROM THE SPACE BELOW, PROVIDE A TWO-HOUR FIRE RATED HORIZONTAL ASSEMBLY AS PER DETAILS 5/A502B AND 8/A502B
 I. IN PLACES WHERE BACKING IS REQUIRED IN WALLS TO SUPPORT WALL HUNG

EQUIPMENT, CABINETS, ETC. PROVIDE BACKING IN WALL PER DETAILS 5/A502A

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Wall Types

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A501A

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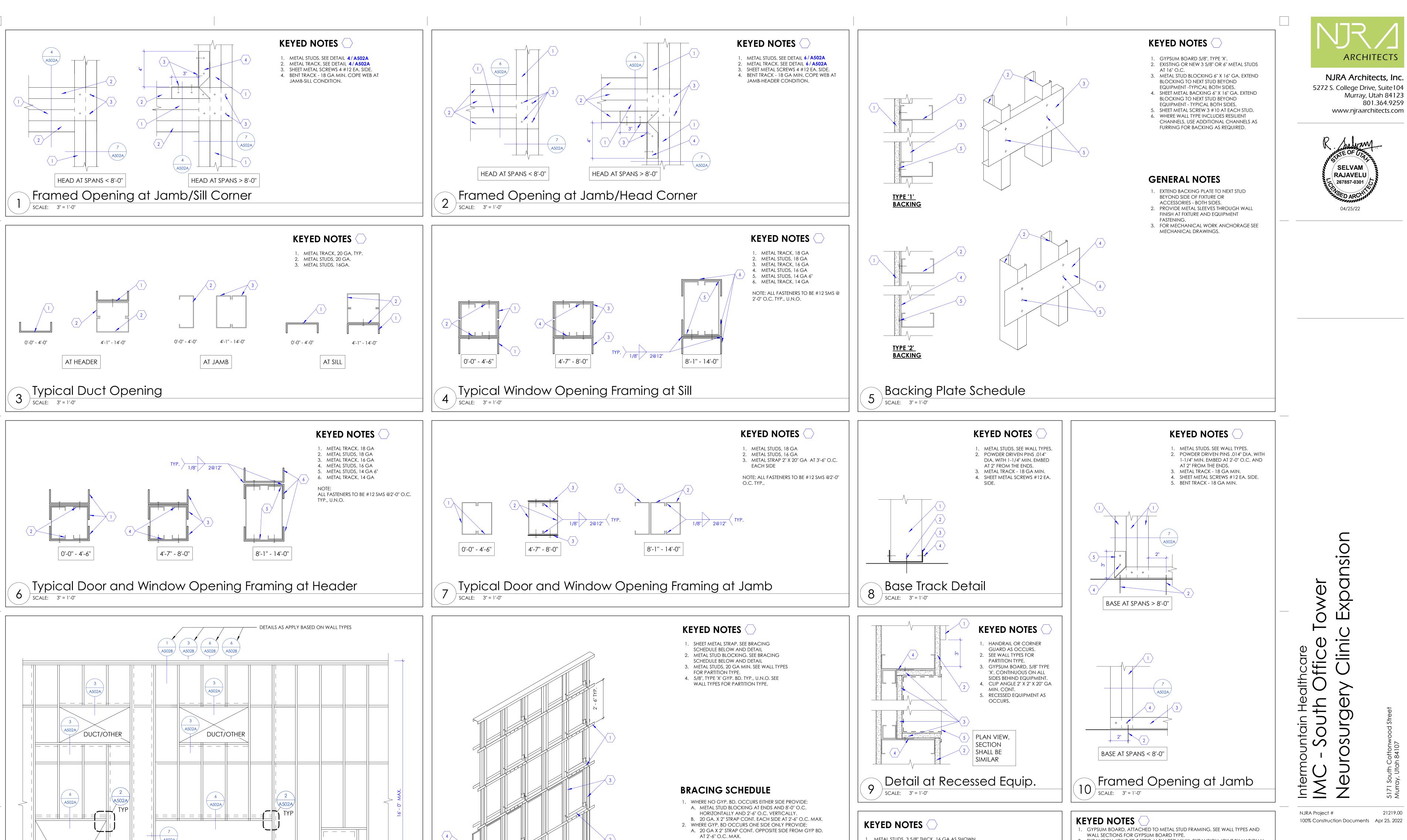
Murray, Utah 84123

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SELVAM RAJAVELU 267857-0301



Typical Bracing at One Sided Partition

SCALE: 3" = 1'-0"

WINDOW/OPENING

A502A

DOOR /

A502A

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

A502A

Typical Wall and Opening Framing Detail

EQUIP

A502A

TYP

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WALL SECTIONS FOR GYPSUM BOARD TYPE.

WALLS OR CEILING ARE NOT FIRE RATED.

GAUGE, SPACING, ETC.

LOCATIONS IN WALL.

2. EXPANSION JOINT ("E-Z STRIP, V-SHAPED VINYL EXPANSION JOINT BY NATIONAL

. METAL STUDS. SEE WALL TYPES AND WALL SECTIONS FOR STUD SIZE, THICKNESS,

4. TWO LAYERS OF TYPE 'X' GYPSUM BOARD, 5/8" THICK, ATTACHED TO STUDS WITH

DRYWALL SCREWS, 1-5/8" @ 24" O.C. USE NON FIRE RATED GYPSUM BOARD IF

PROVIDE JOINT AT EVERY 50'-0" OF WALL THAT RUNS IN THE SAME DIRECTION. PRIOR TO INSTALLATION OF JOINTS, GET APPROVAL FROM ARCHITECT FOR CONTROL JOINT

Control Joint - Gypsum Board

SCALE: 3" = 1'-0"

PLAN VIEW

GYPSUM COMPANY OR EQUIVALENT) ATTACHED TO GYPSUM BOARD.

METAL STUDS, 3 5/8" THICK. 16 GA AS SHOWN.

GA BACKING PLATE. ANCHOR TO 16 GA STUDS.

SHEET METAL SCREWS #10 THROUGHOUT 9/64"

DIAMETER HOLES AT 18" O.C.

(13) SCALE: 3" = 1'-0"

8" WIDE X (HEIGHT OF WALL BRACKET + 6") HIGH X 16

GYPSUM BOARD, 5/8" THICK, TYPE 'X', TYPICAL U.N.O

ERGOTRON LX WALL MOUNT BRACKET, TV BRACKET, PHYSIOLOGICAL MONITOR, ETC O.F.C.I.

Plan Detail at Bracket

Expansior

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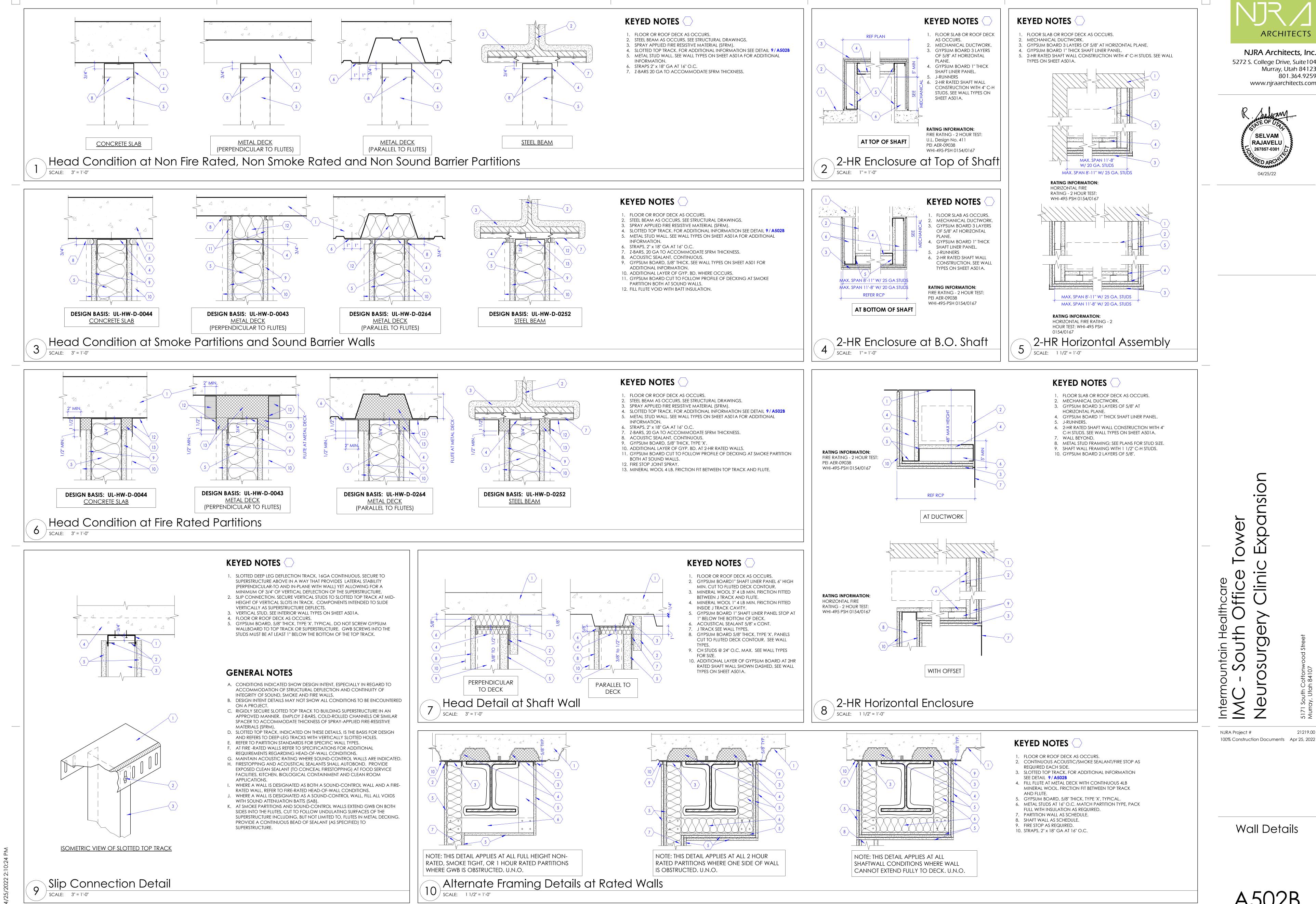
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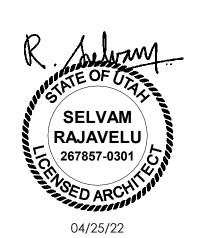
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Wall Details



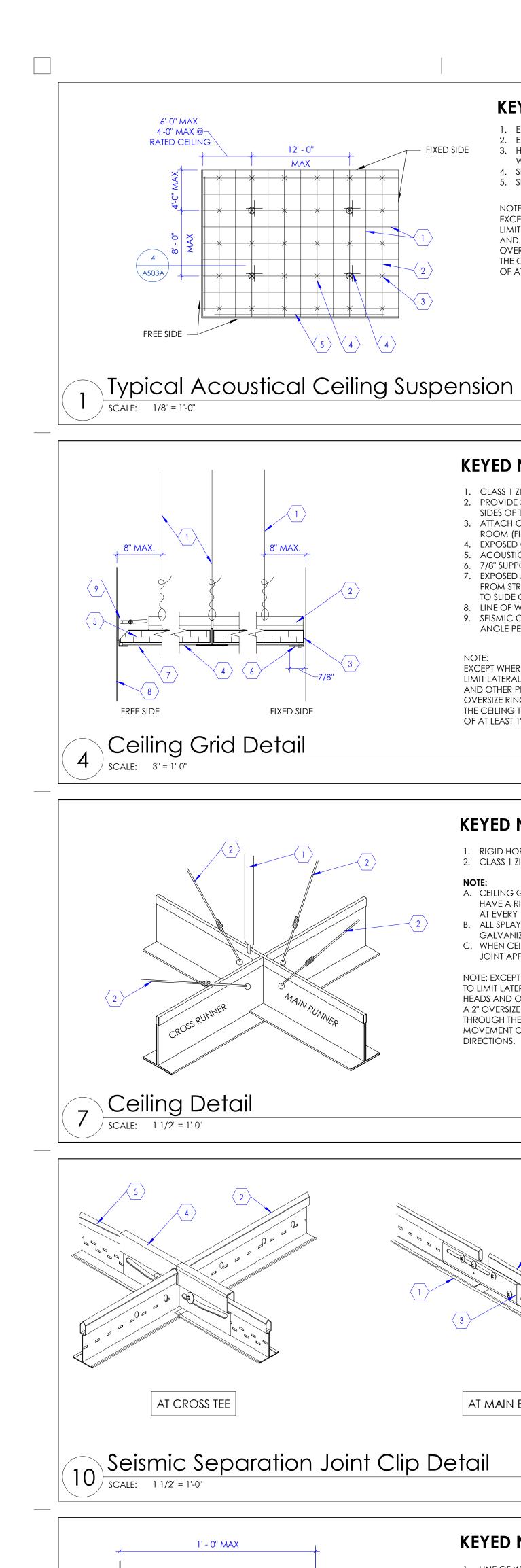
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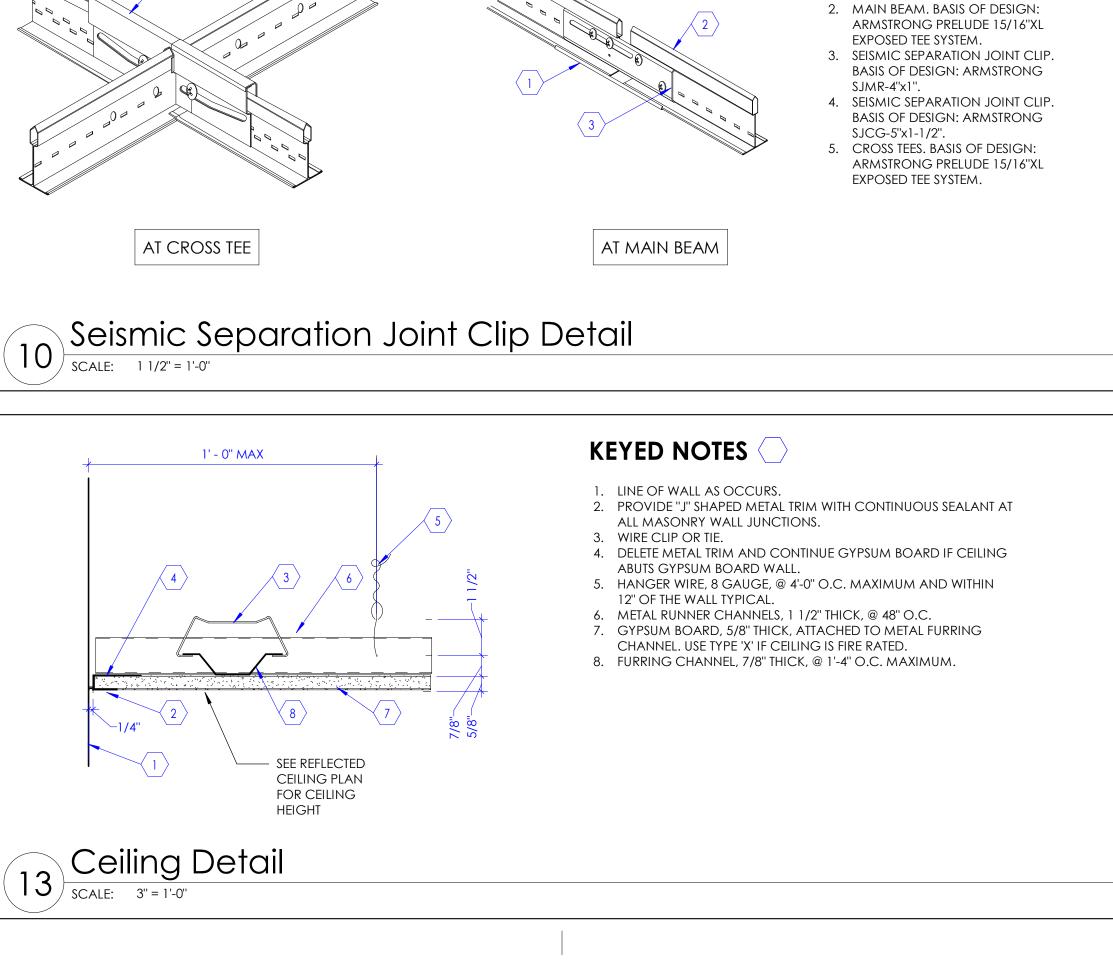
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Wall Details





5. SLOTTED ANGLE SPACER.

KEYED NOTES

8. LINE OF WALL.

EXPOSED CROSS GRID MEMBER @ 2'-0" O.C.
 EXPOSED MAIN GRID MEMBER @ 4'-0".

3. HANGER WIRE 12 GA. @ 4'-0" O.C. MAX EACH

4. SEISMIC RESTRAINT. SEE DETAIL 7/A503A

EXCEPT WHERE RIGID BRACES ARE USED TO

AND OTHER PENETRATIONS SHALL HAVE A 2" OVERSIZE RING, SLEEVE, OR ADAPTER THROUGH THE CEILING TO ALLOW FOR FREE MOVEMENT

OF AT LEAST 1" IN ALL HORIZONTAL DIRECTIONS

1. CLASS 1 ZINC COATED, SOFT TEMPERED WIRES, 12 GAUGE MIN.

4. EXPOSED CROSS RUNNER ATTACHED TO MAIN RUNNERS.

5. ACOUSTICAL CEILING TILES. SEE CEILING PLANS.

TO SLIDE ON THE CLOSURE ANGLE.

EXCEPT WHERE RIGID BRACES ARE USED TO LIMIT LATERAL DEFLECTIONS, SPRINKLER HEADS AND OTHER PENETRATIONS SHALL HAVE A 2" OVERSIZE RING, SLEEVE, OR ADAPTER THROUGH

THE CEILING TO ALLOW FOR FREE MOVEMENT

OF AT LEAST 1" IN ALL HORIZONTAL DIRECTIONS.

NOTE: EXCEPT WHERE RIGID BRACES ARE USED TO LIMIT LATERAL DEFLECTIONS, SPRINKLER HEADS AND OTHER PENETRATIONS SHALL HAVE A 2" OVERSIZE RING, SLEEVE, OR ADAPTER THROUGH THE CEILING TO ALLOW FOR FREE

MOVEMENT OF AT LEAST 1" IN ALL HORIZONTAL

ANGLE PER ICC-ESR 1308.

KEYED NOTES

AT EVERY 144 SQ. FT.

GALVANIZED.

2. PROVIDE 3/4" GAP BETWEEN CEILING GRID AND ANGLE ON TWO ADJACENT

SIDES OF THE ROOM. DO NOT ATTACH CEILING GRID TO WALL ANGLE.

6. 7/8" SUPPORTING CLOSURE ANGLE AT CEILING PERIMETER ATTACHED TO WALL.

9. SEISMIC CLIPS. BASIS OF DESIGN ARMSTRONG BERC 2 CLIPS IN LIEU OF 2" WALL

1. RIGID HORIZONTAL RESTRAINT FROM CEILING GRID TO STRUCTURE ABOVE.

A. CEILING GRIDS IN ROOMS OR AREAS GREATER THAN 1,000 SQ. FT. SHALL

B. ALL SPLAYED WIRES SHALL BE AT 45 DEGREES ANGLES, 12 GAUGE AND

HAVE A RIGID HORIZONTAL RESTRAINT FROM CEILING TO STRUCTURE ABOVE

. WHEN CEILING AREA EXCEEDS 2,500 SQ. FT. PROVIDE SEISMIC SEPARATION

KEYED NOTES

1. EXPANSION SLEEVE 4"x15/16". BASIS OF

DESIGN: ARMSTRONG ES4, COLOR-

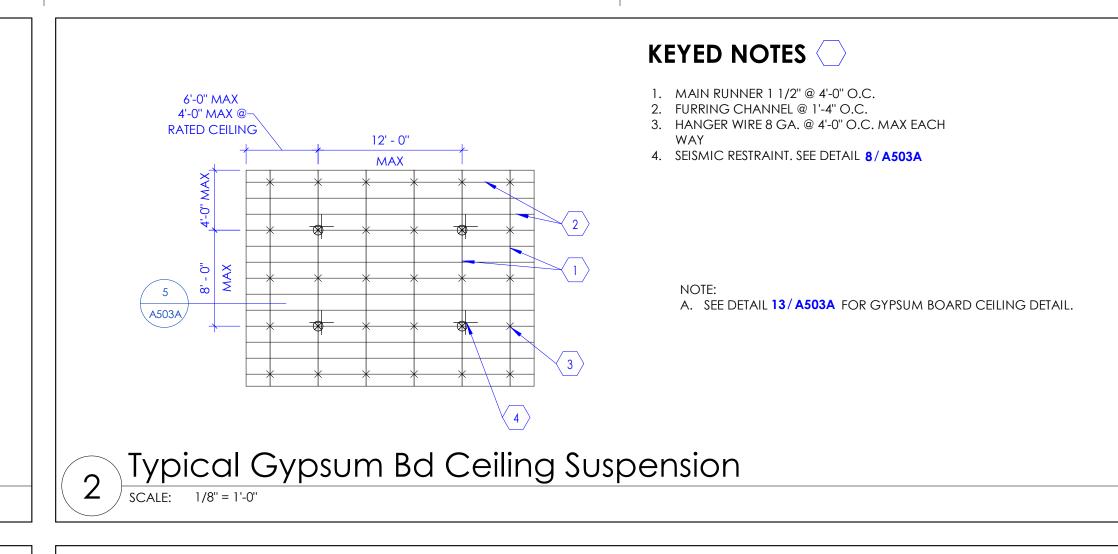
JOINT APPROVED BY CEILING GRID MANUFACTURER AND ARCHITECT.

2. CLASS 1 ZINC COATED, SOFT TEMPERED WIRES, 12 GAUGE MIN.

7. EXPOSED MAIN RUNNER SHALL BE HEAVY DUTY T-BAR GRID SYSTEM SUSPENDED FROM STRUCTURE ABOVE. THIS END OF THE GRID SHALL REST UPON AND BE FREE

3. ATTACH CEILING GRID TO WALL ANGLE ON TWO ADJACENT SIDES OF THE

LIMIT LATERAL DEFLECTIONS, SPRINKLER HEADS



SEE CEILING PLAN

KEYED NOTES

KEYED NOTES

1. SHEET METAL #12 SCREWS 2. METAL CLIP 12 GA MIN X 3/4" W.

4. ANGLE STRUT OR CHANNEL

3. MACHINE BOLT 1/2" DIA. MIN.

5. METAL CLIP 1" W X 2" X 12 GA. MIN.

6. DIAGONAL HANGER WIRES 12 GA MIN. - 4 SIDES.

7. FURRING CHANNEL, 7/8" THICK, @ 1'-4" O.C. MAXIMUM.

9. GYPSUM BOARD 5/8" THICK ATTACHED TO METAL FURRING CHANNEL.

8. METAL RUNNER CHANNELS, 1 1/2" THICK AT 48" O.C.

2. LINE OF WALL.

1. LINE OF STRUCTURE ABOVE.

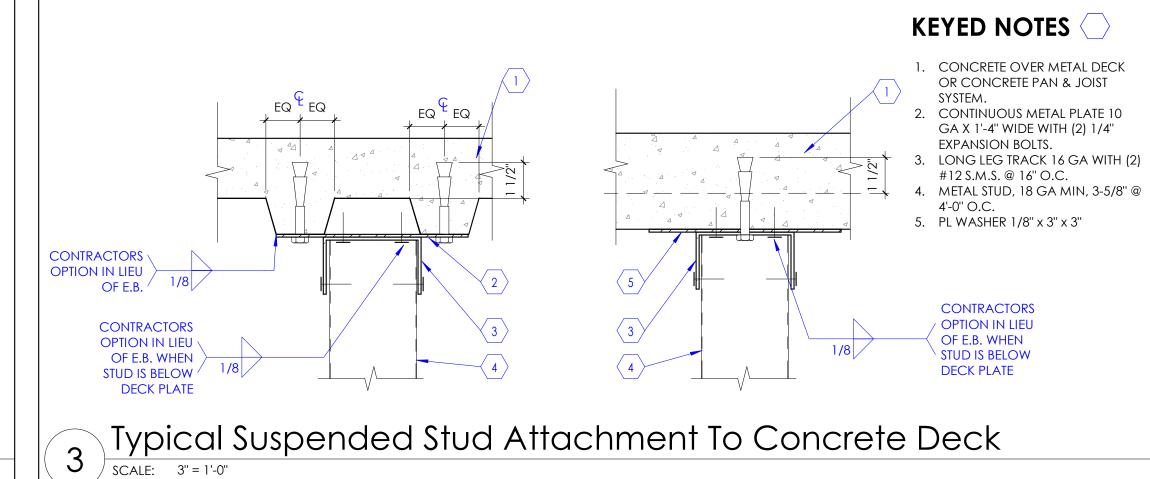
3. METAL STUD FRAMING (3-5/8" THICK, 18 GAUGE, METAL STUDS AT 4'-0" O.C.)

4. METAL STUD FRAMING (3-5/8" THICK, 18 GAUGE, METAL STUDS AT 16" O.C.)

5. ATTACH 5/8" THICK, TYPE 'X', GYPSUM BOARD TO METAL STUD FRAMING.

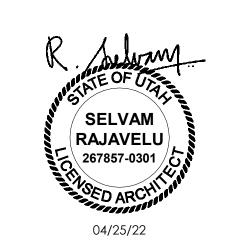
FRAMING AS REQUIRED FOR STRUCTURAL RIGIDITY.

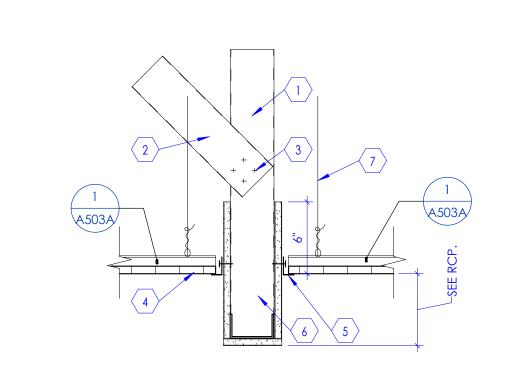
SUSPENDED FROM STRUCTURE ABOVE. SEE DETAIL 3/A503A. CROSS BRACE





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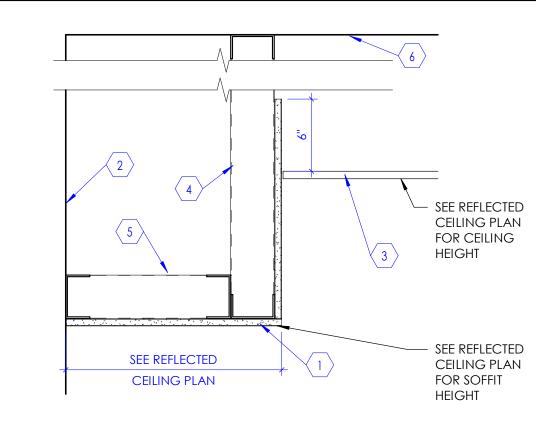


2. METAL STUD 3-5/8" X 18 GA LATERAL (45 DEGREE) BRACING AT 4'-0" O.C. CONNECT TO STRUCTURE ABOVE. 3. SHEET METAL SCREWS (4) #10. 4. ACOUSTICAL CEILING PANEL. SEE REFLECTED CEILING 5. PERIMETER ANGLE MOLDING. SEE DETAIL 4/A503A 6. GYPSUM BOARD 5/8" TYPE 'X', TYP. 7. HANGER WIRES 12 GA, TYP.

1. METAL STUD FRAMING 3 5/8" X 18 GA STUDS, SUSPENDED

FROM STRUCTURE ABOVE @ 16" O.C. SEE DETAIL 3/A503A

Gypsum Board Header 6 SCALE: 1 1/2" = 1'-0"



KEYED NOTES

1. GYPSUM BOARD, 5/8" THICK (USE TYPE 'X' IF WALLS ARE FIRE RATED) ATTACHED TO METAL STUD FRAMING. 2. LINE OF WALL.

3. LINE OF CEILING AS OCCURS. SEE REFLECTED CEILING PLAN FOR CEILING TYPE.

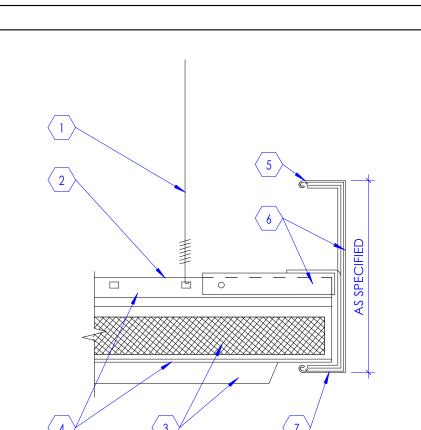
4. METAL STUD FRAMING (3-5/8" THICK, 18 GAUGE, METAL STUDS AT 16" O.C.) SUSPENDED FROM STRUCTURE ABOVE. SEE DETAIL 3/A503A. CROSS BRACE FRAMING AS REQUIRED FOR STRUCTURAL RIGIDITY. 5. METAL STUD FRAMING (3-5/8" THICK, 18 GAUGE, METAL STUDS AT 16"

6. LINE OF STRUCTURE ABOVE.

KEYED NOTES

Gypsum Board Soffit

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



KEYED NOTES

1. CLASS 1 ZINC COATED, SOFT TEMPERED WIRES, 12 GA MIN. 2. EXPOSED CROSS RUNNER ATTACHED TO MAIN RUNNERS. 3. ACOUSTICAL CEILING TILES. SEE CEILING PLANS. 4. EXPOSED MAIN RUNNER. SUSPENDED FROM STRUCTURE ABOVE.

5. FINISHED SUSPENSION TRIM 4", BY CEILING SUPPLIER.

6. INTERSECTION TEE ATTACHMENT CLIP. 7. TRIM COLOR SHALL MATCH GRID COLOR.

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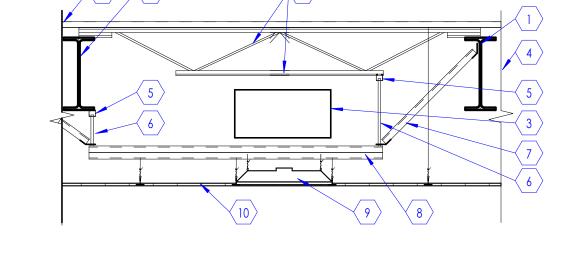
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Ceiling Details



7 3 8 9

Ceiling Detail

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

KEYED NOTES 1. STEEL BEAM AS OCCURS.

Gypsum Board Ceiling Seismic Restraint Detail

2. STEEL JOIST AS OCCURS. MECHANICAL DUCTS, SEE MECHANICAL DRAWINGS 4. LINE OF WALL

UNISTRUT P1000, 6" LONG SUSPENDED FROM STRUCTURE ABOVE THREADED ROD, 5/8" THICK. PROVIDE NUTS, WASHERS, CLAMPS, ETC. AS REQUIRED FOR COMPLETE INSTALLATION. UNISTRUT, P1000, CROSS BRACE TO STRUCTURE. PROVIDE NUTS

WASHERS CLAMPS ETC. AS REQUIRED FOR COMPLETE INSTALLATION. 8. UNISTRUT, P1001 @ 2'-0" O.C. SUSPENDED FROM STRUCTURE

9. LIGHT FIXTURE SUSPENDED FROM UNISTRUT ONLY. DO NOT HANG FIXTURES FROM DUCTS. 10. CEILING SEE RCP FOR HEIGHT. SUSPEND CEILING GRID FROM UNISTRUT ONLY. CONTRACTOR SHALL NOT SUSPEND LIGHTS, GRIDS, ETC. FROM DUCTS.

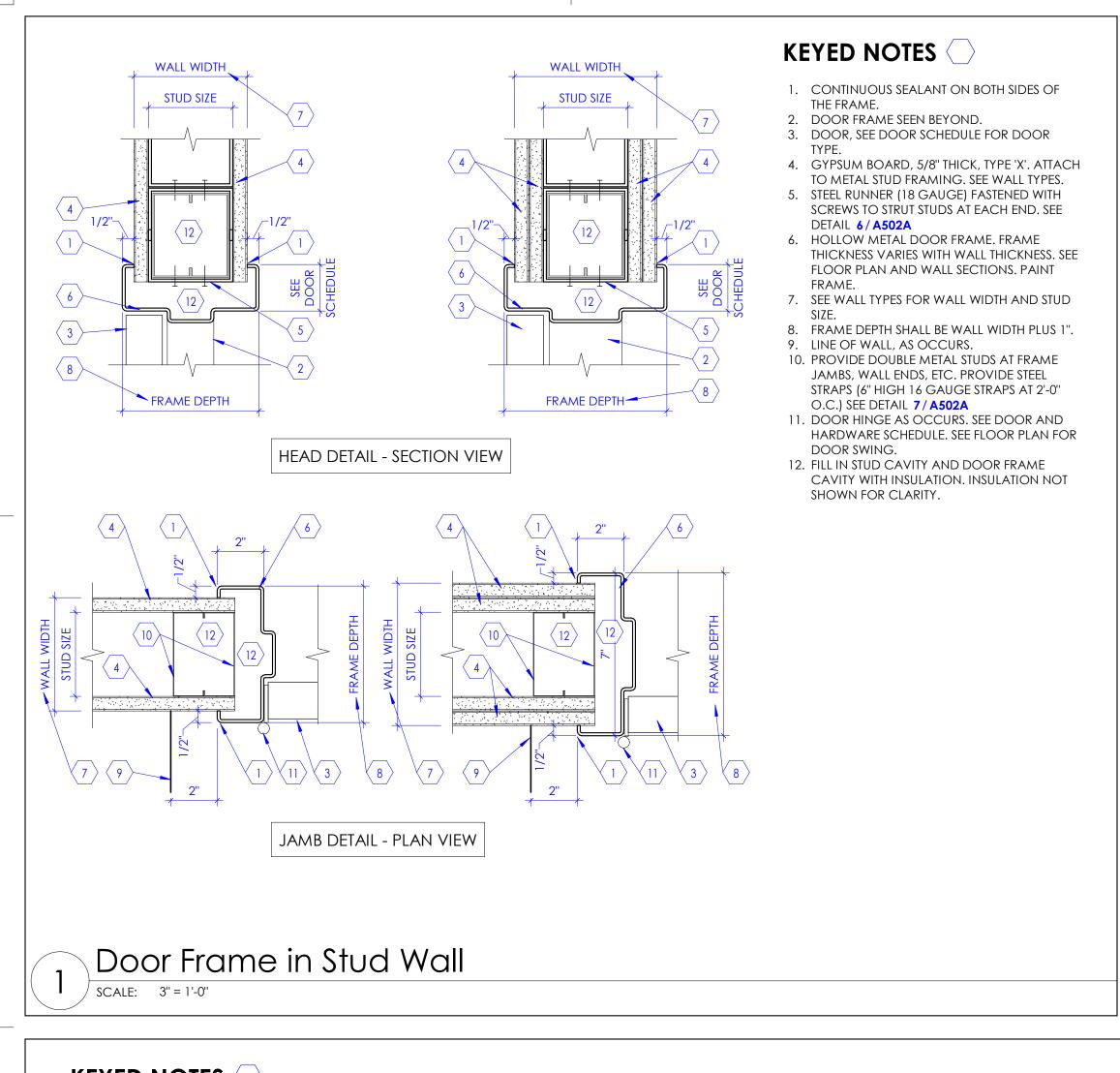
CONTRACTOR SHALL PROVIDE UNISTRUTS AS INDICATED IN THIS DETAIL WHEREVER DUCT INTERFERES WITH CEILING SUSPENSION

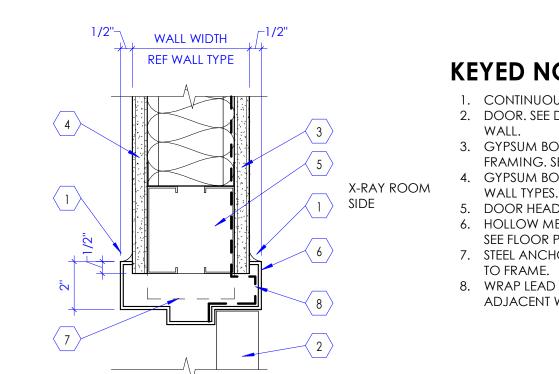
Ceiling Trim Detail

SCALE: N.T.S.

Suspended Ceiling Trapeze Detail

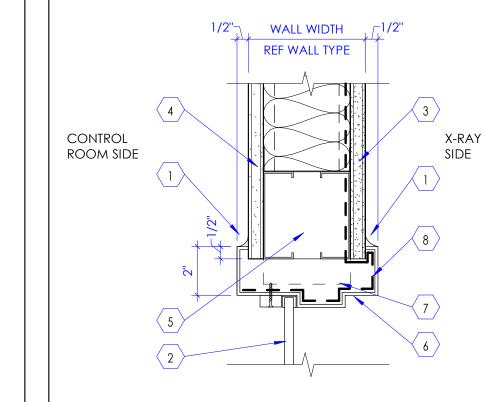
SCALE: 1/2" = 1'-0"





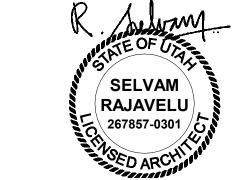
- 1. CONTINUOUS SEALANT ON BOTH SIDES OF THE FRAME. 2. DOOR. SEE DOOR SCHEDULE. LEAD PROTECTION AT DOOR TO MATCH ADJACENT
- 3. GYPSUM BOARD, 5/8" THICK, TYPE 'X', LEAD LINED, ATTACHED TO METAL STUD FRAMING. SEE WALL TYPES. 4. GYPSUM BOARD, 5/8" THICK, TYPICAL, ATTACHED TO METAL STUD FRAMING. SEE
- 5. DOOR HEAD FRAMING, SEE DETAIL 6/A502A.
- 6. HOLLOW METAL DOOR FRAME. FRAME THICKNESS VARIES WITH WALL THICKNESS. SEE FLOOR PLAN AND WALL SECTIONS. PAINT FRAME.
- 7. STEEL ANCHORS. ATTACH TO METAL STUDS WITH #8 PAN HEAD S.M.S., TYP. WELD
- 8. WRAP LEAD LINING ON THE INSIDE OF HM FRAME. PROTECTION TO MATCH ADJACENT WALL.

Door Frame Head Detail - Lead Lined SCALE: 3" = 1'-0"



KEYED NOTES

- 1. CONTINUOUS SEALANT ON BOTH SIDES OF THE FRAME. 2. LEAD GLAZING. SEE WINDOW SCHEDULE. LEAD PROTECTION AT GLAZING TO
- MATCH ADJACENT WALL. 3. GYPSUM BOARD, 5/8" THICK, TYPE 'X', LEAD LINED, ATTACHED TO METAL STUD FRAMING. SEE WALL TYPES.
- X-RAY ROOM 4. GYPSUM BOARD, 5/8" THICK, TYPICAL, ATTACHED TO METAL STUD FRAMING. SEE WALL TYPES.
 - 5. WINDOW HEAD FRAMING, SEE DETAIL 6/A502A. 6. HOLLOW METAL DOOR FRAME. FRAME THICKNESS VARIES WITH WALL
 - THICKNESS. SEE FLOOR PLAN AND WALL SECTIONS. PAINT FRAME. 7. STEEL ANCHORS. ATTACH TO METAL STUDS WITH #8 PAN HEAD S.M.S., TYP.
 - 8. WRAP LEAD LINING ON THE INSIDE OF HM FRAME. PROTECTION TO MATCH ADJACENT WALL.



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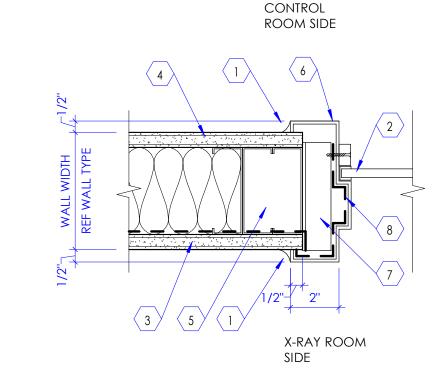
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Hollow Metal Window Frame Head Detail - Lead Lined $|(3)|_{\text{SCALE: }3''=1'-0''}$

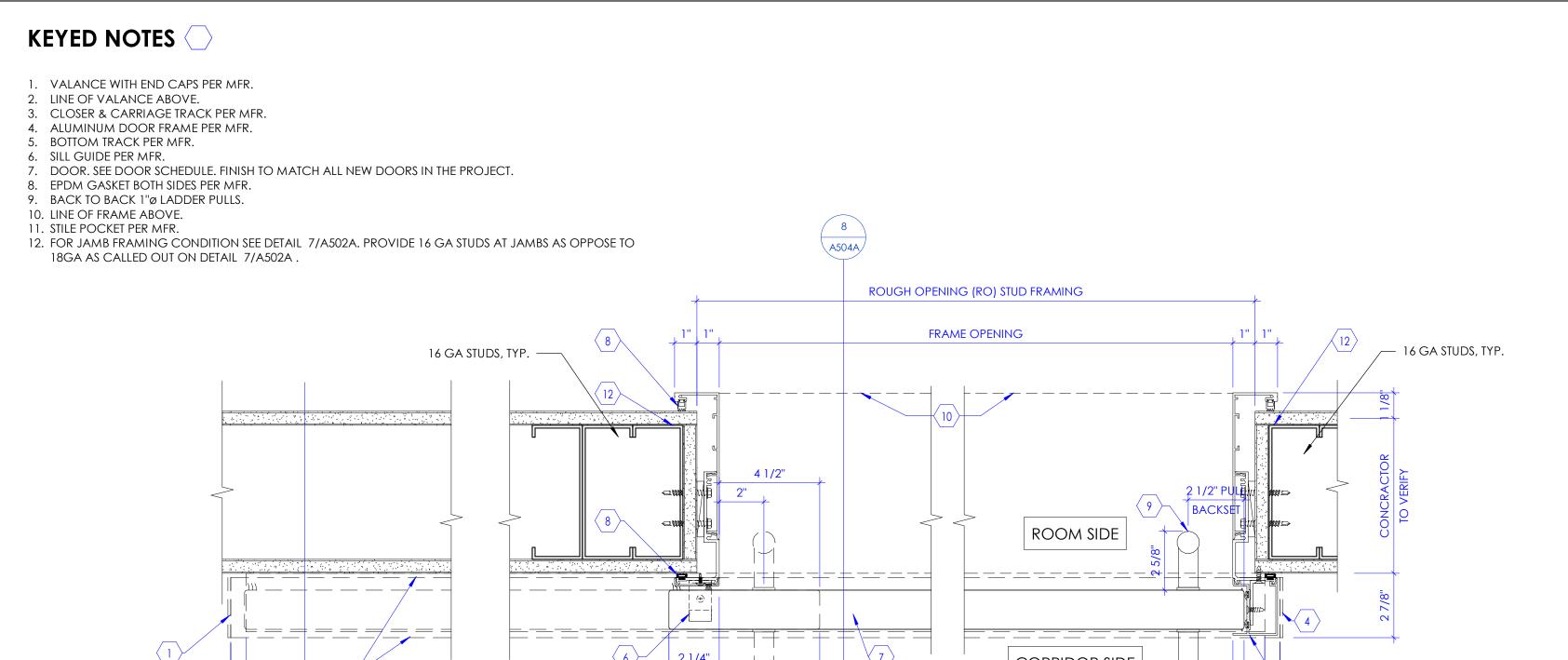


KEYED NOTES

- 1. CONTINUOUS SEALANT ON BOTH SIDES OF THE FRAME.
- 2. LEAD GLAZING. SEE WINDOW SCHEDULE. LEAD PROTECTION AT GLAZING TO MATCH ADJACENT WALL.
- 3. GYPSUM BOARD, 5/8" THICK, TYPE 'X', LEAD LINED, ATTACHED TO METAL STUD FRAMING. SEE WALL TYPES. 4. GYPSUM BOARD, 5/8" THICK, TYPICAL, ATTACHED TO METAL STUD FRAMING.
- SEE WALL TYPES. 5. WINDOW JAMB FRAMING, SEE DETAIL 7/A502A.
- 6. HOLLOW METAL DOOR FRAME. FRAME THICKNESS VARIES WITH WALL THICKNESS. SEE FLOOR PLAN AND WALL SECTIONS. PAINT FRAME.
- 7. STEEL ANCHORS. ATTACH TO METAL STUDS WITH #8 PAN HEAD S.M.S., TYP. WELD TO FRAME.
- 8. WRAP LEAD LINING ON THE INSIDE OF HM FRAME. PROTECTION TO MATCH ADJACENT WALL.

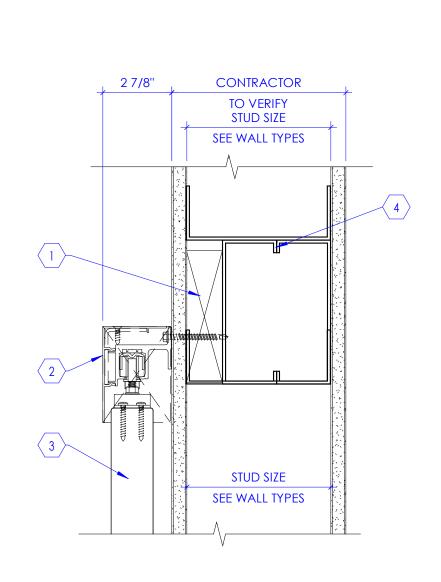
Hollow Metal Window Frame Jamb Detail - Lead Lined

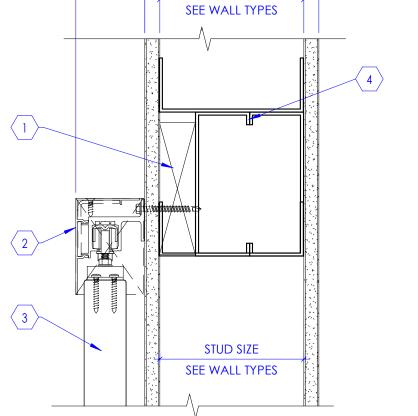
5 SCALE: 3" = 1'-0"





- 1. 2 X 6 X CONT. FIRE TREATED WOOD BLOCKING FOR THE FULL LENGTH OF VALANCE PLUS 6" ON EITHER SIDE.
- VALANCE WITH END CAPS PER MFR.
 DOOR. SEE DOOR SCHEDULE. FINISH TO MATCH ALL NEW DOORS IN THE PROJECT.
- 4. FOR HEADER FRAMING CONDITION SEE DETAIL 7/A502A.





Barn Door Frame at Wall SCALE: 3" = 1'-0"

CONTRACTOR **KEYED NOTES** TO VERIFY STUD SIZE 1. 2 X 6 X CONT. FIRE TREATED WOOD BLOCKING FOR THE FULL SEE WALL TYPES LENGTH OF VALANCE PLUS 6" ON EITHER SIDE. 2. VALANCE WITH END CAPS PER MFR. 3. CLOSER & CARRIAGE TRACK PER MFR. 4. ALUMINUM DOOR FRAME PER MFR. 5. BOTTOM TRACK PER MFR. SEEN BEYOND, NOT TO CONTINUE IN DOOR OPENING. 6. SILL GUIDE PER MFR. 7. DOOR. SEE DOOR SCHEDULE. FINISH TO MATCH ALL NEW DOORS IN THE PROJECT. 8. FOR HEADER FRAMING CONDITION SEE DETAIL 7/A502A. CORRIDOR SIDE ROOM SIDE ____ LINE OF DOOR FRAME _____ 6 FINISH FLOOR TOP OF FLOOR COVER

Barn Door Detail Section Head and Sill 8 SCALE: 3" = 1'-0"

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Door and Window Details

X-RAY ROOM SIDE

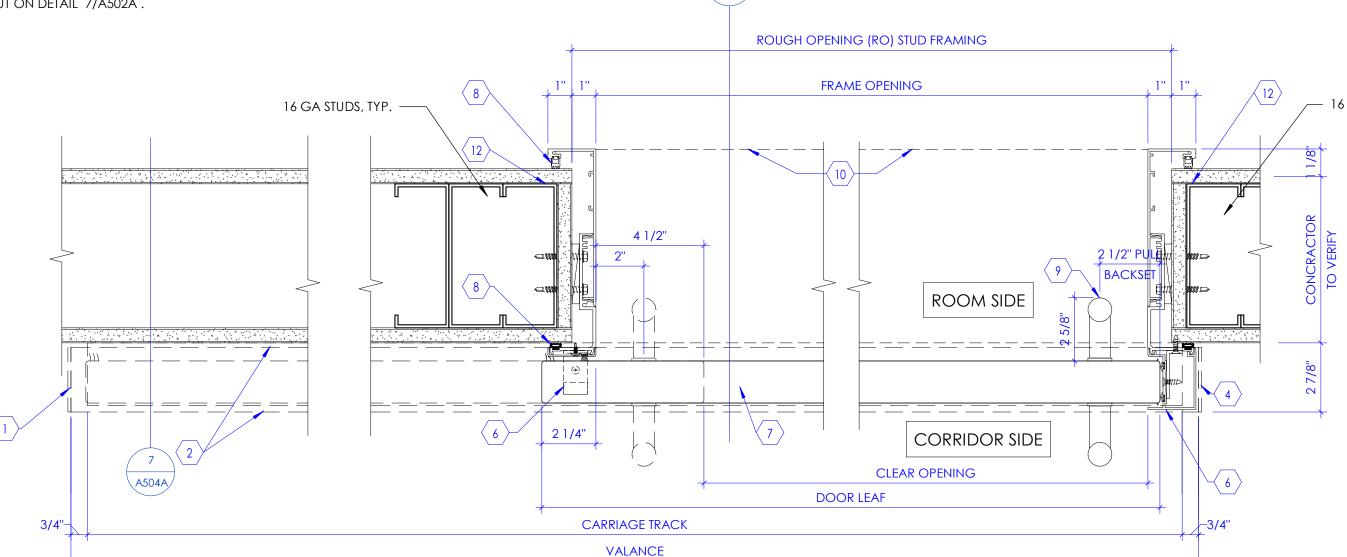
KEYED NOTES

- 1. CONTINUOUS SEALANT ON BOTH SIDES OF THE FRAME. 2. LEAD LINED DOOR. LEAD PROTECTION AT DOOR TO MATCH ADJACENT WALL. 3. GYPSUM BOARD, 5/8" THICK, TYPE 'X', LEAD LINED, ATTACHED TO METAL STUD
- FRAMING. SEE WALL TYPES. 4. GYPSUM BOARD, 5/8" THICK, TYPICAL, ATTACHED TO METAL STUD FRAMING. SEE
- WALL TYPES.
- . DOOR JAMB FRAMING, SEE DETAIL 7/A502A. . HOLLOW METAL DOOR FRAME, FRAME THICKNESS VARIES WITH WALL THICKNESS.
- SEE FLOOR PLAN AND WALL SECTIONS. PAINT FRAME. 7. STEEL ANCHORS. ATTACH TO METAL STUDS WITH #8 PAN HEAD S.M.S., TYP. WELD
- 8. WRAP LEAD LINING ON THE INSIDE OF HM FRAME. PROTECTION TO MATCH

ADJACENT WALL.

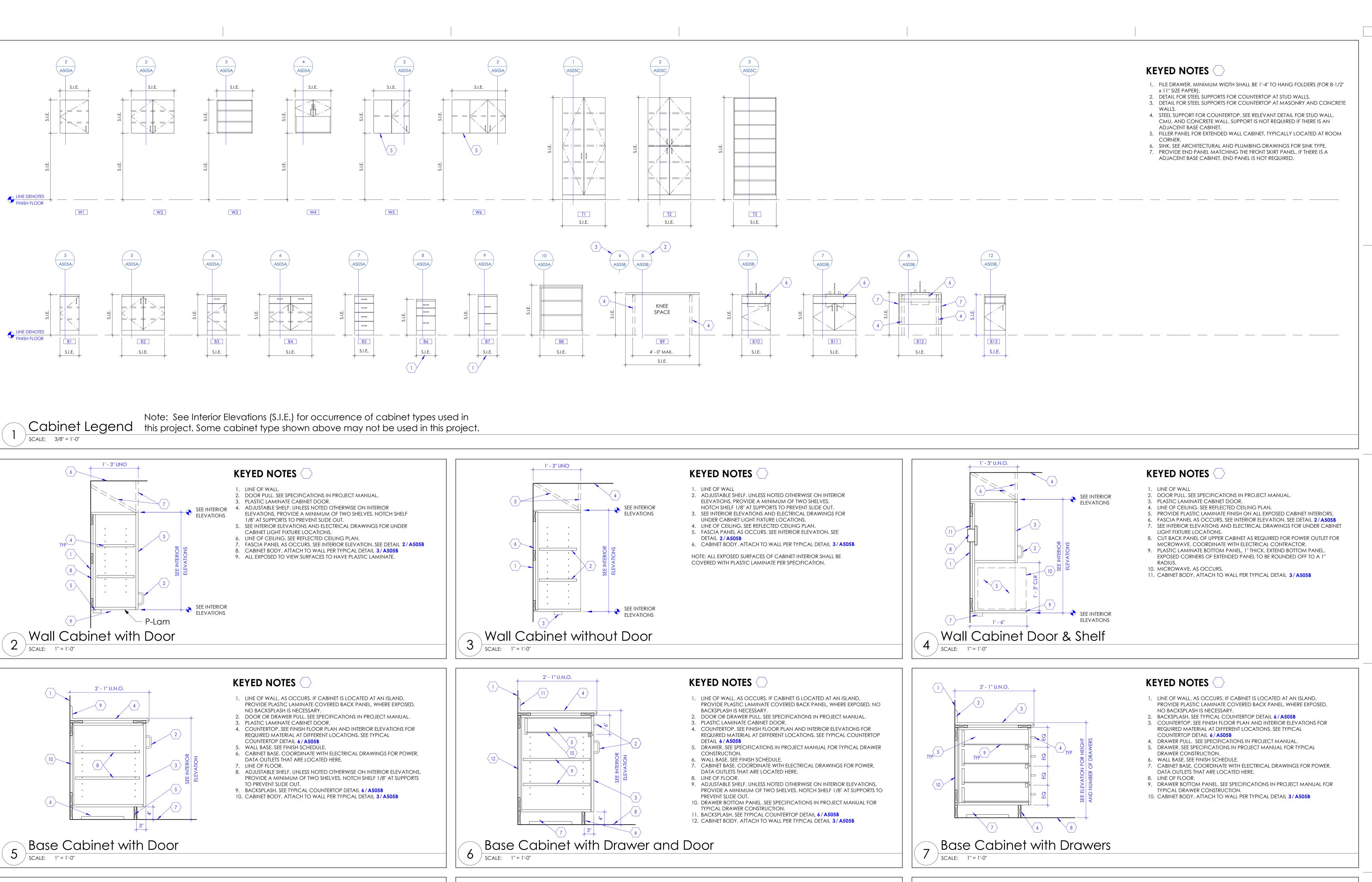
Door Frame Jamb Detail - Lead Lined

SCALE: 3" = 1'-0"



Barn Door Plan View Detail

6 SCALE: 3" = 1'-0"



- 1. LINE OF WALL, AS OCCURS. IF CABINET IS LOCATED AT AN ISLAND, PROVE PLASTIC LAMINATE COVERED BACK PANEL, WHERE EXPOSED. NO BACKSPLASH IS NECESSARY.
- 2. WALL BASE. SEE FINISH SCHEDULE.
- 3. CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR
- POWER, DATA OUTLETS THAT ARE LOCATED HERE.
- 4. LINE OF FLOOR.
- 5. ADJUSTABLE SHELF. UNLESS NOTED OTHERWISE ON INTERIOR ELEVATIONS, PROVIDE A MINIMUM OF TWO SHELVES. NOTCH SHELF 1/8"
- AT SUPPORTS TO PREVENT SLIDE OUT.
- 6. BACKSPLASH. SEE TYPICAL COUNTERTOP DETAIL 6/A505B 7. COUNTERTOP. SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL
- COUNTERTOP DETAIL 6/A505B 8. CABINET BODY. ATTACH TO WALL PER TYPICAL DETAIL 3/A505B

NOTE: ALL EXPOSED SURFACES OF CABINET INTERIOR SHALL BE COVERED WITH PLASTIC LAMINATE PER SPECIFICATION.

Cabinet Legend & Details

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RAJAVELU 267857-0301

Base Cabinet with Drawers

2' - 1" U.N.O.

0 0 0 0 0

KEYED NOTES 2' - 1" U.N.O. LINE OF WALL

2. DRAWER PULL. SEE SPECIFICATIONS IN PROJECT MANUAL. 3. DRAWER. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION. 4. WALL BASE. SEE FINISH SCHEDULE. 5. CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER, DATA OUTLETS THAT ARE LOCATED HERE.

6. LINE OF FLOOR. 7. DRAWER BOTTOM PANEL. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.

8. BACKSPLASH. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B 9. COUNTERTOP. SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL

COUNTERTOP DETAIL 6 / A505B 10. METAL EDGE FOR HANGING FILE FOLDERS. SEE DETAIL 10/A505B

11. FILE DRAWER. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION. SEE DETAIL 10/A505B 12. CABINET BODY. ATTACH TO WALL PER TYPICAL DETAIL 3/A505B

Base Cabinet with Two File Drawers

.

KEYED NOTES



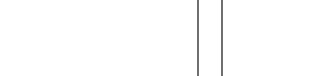
3. FILE DRAWER. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION. SEE DETAIL 10 / A505B 4. METAL EDGE FOR HANGING FILE FOLDERS. SEE DETAIL 10/A505B

5. WALL BASE. SEE FINISH SCHEDULE. 6. CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER, DATA OUTLETS THAT ARE LOCATED HERE.

7. LINE OF FLOOR. 8. DRAWER BOTTOM PANEL. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.

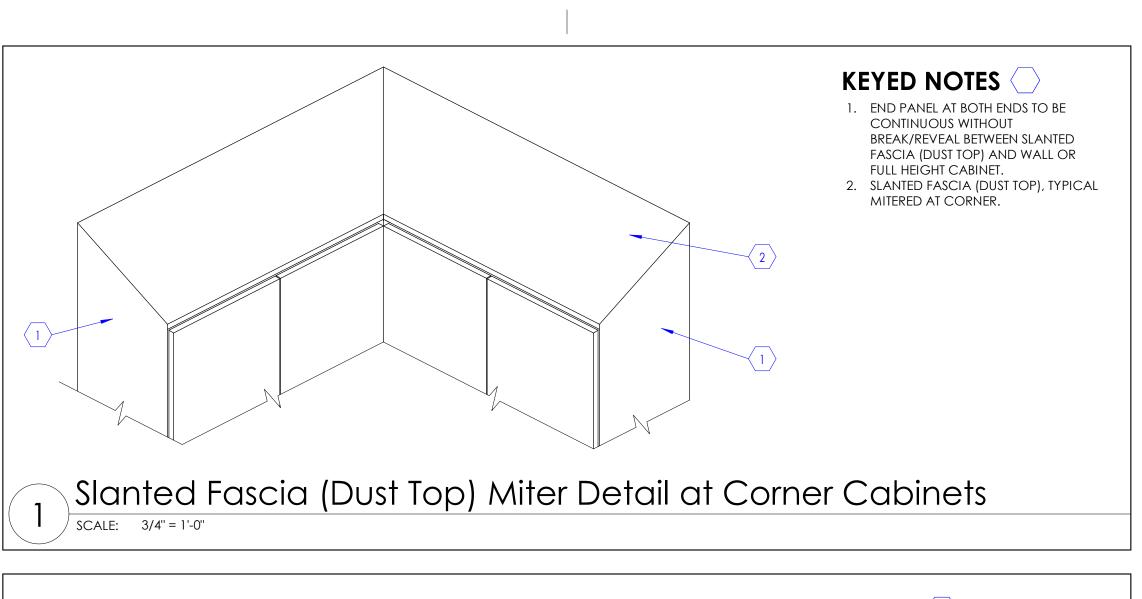
9. BACKSPLASH. SEE TYPICAL COUNTERTOP DETAIL 6/A505B 10. COUNTERTOP. SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL

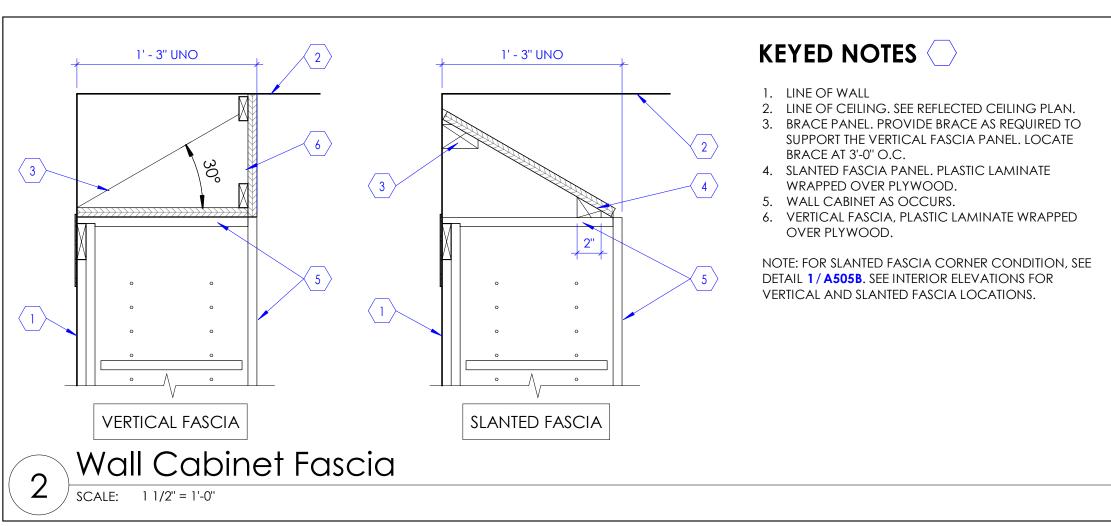
COUNTERTOP DETAIL 6/A505B 11. CABINET BODY. ATTACH TO WALL PER TYPICAL DETAIL 3/A505B



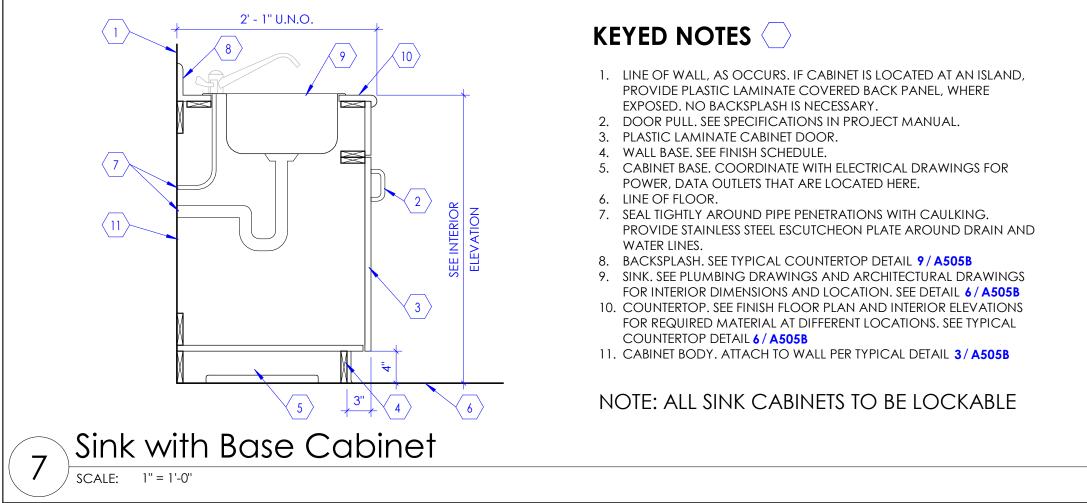
Base Cabinet without Door

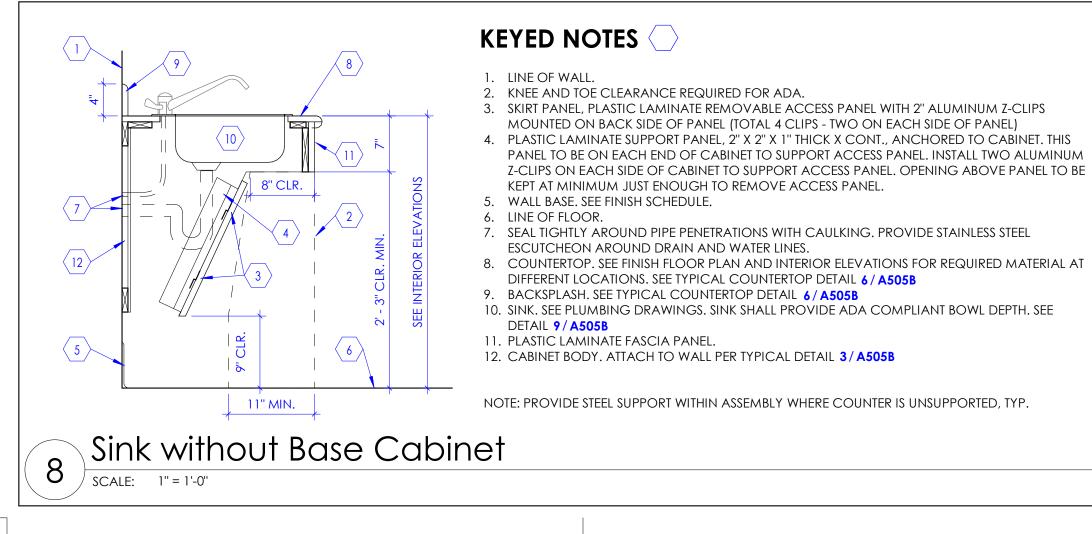
SCALE: 1" = 1'-0"

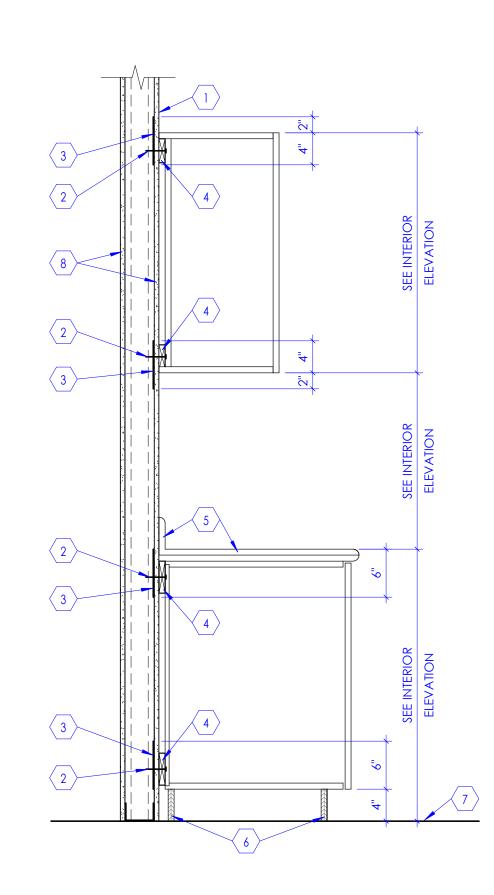




KEYED NOTES (. WALL BASE, SEE FINISH SCHEDULE 3. LINE OF MASONRY OR CONCRETE WALL AS OCCURS. 4. COUNTERTOP SUPPORT, PAINTED. SUPPORT SHALL BE STEEL ANGLE, 2"X2"X1/4", PIECES MITERED AND WELDED @ 90° ANGLE AS INDICATED CHAMFER EXPOSED EDGE (BELOW COUNTERTOP EDGE) AND GRIND ALL EXPOSED EDGES SMOOTH, ATTACH SUPPORT TO MASONRY OR CONCRETE WALL WITH 3/8" EPOXY BOLTS, AS SHOWN. SUPPORTS SHALL BE LOCATED VERTICALLY ON WALL AT 4'-0" O.C. MAXIMUM. 5. BACKSPLASH. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B 6. PROVIDE GROMMETS AT COMPUTER MONITOR LOCATIONS, KNEE SPACES, COUNTERTOP EQUIPMENT, ETC. 7. COUNTERTOP. SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL COUNTERTOP DETAIL 6/A505B Steel Support For Countertop at Masonry & Concrete Walls





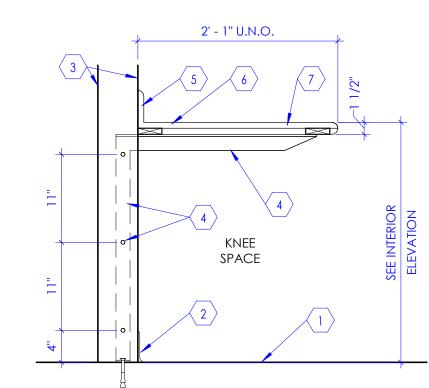


KEYED NOTES

- . FASTENERS AS REQUIRED. ALIGN WITH STUDS WHERE POSSIBLE 3. STEEL BACKING PLATE. PLATE SHALL BE 16 GAUGE, 6" WIDE WITH REQUIRED LENGTH TO COVER CABINETS.
- 4. SOLID WOOD BLOCKING, TYPICALLY ATTACHED TO CABINET BODY. 5. COUNTERTOP AND BACKSPLASH. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B 6. CABINET BASE BOX. BOX SHALL BE BUILT WITH PLYWOOD, 3/4" THICK, PRESSURE TREATED. BASE BOX SHALL BE ANCHORED TO FLOOR WITH STEEL "L" CLIPS AND FASTENERS AS REQUIRED. BASE CABINET SHALL BE ATTACHED TO THE BASE BOX.
- 7. LINE OF FLOOR. 8. NEW WALL (OR EXISTING WALL WHERE OCCURS). SEE WALL TYPE FOR WALL CONSTRUCTION.

NOTE: WHEN CABINETS ARE MOUNTED TO CONCRETE WALL OR MASONRY (CMU BLOCKS) WALL, BACKING PLATES ARE NOT REQUIRED. PROVIDE COMPATIBLE MASONRY WALL ANCHORS AND FASTENERS TO ATTACH THE

Typical Cabinet Body Attachment to Walls



KEYED NOTES

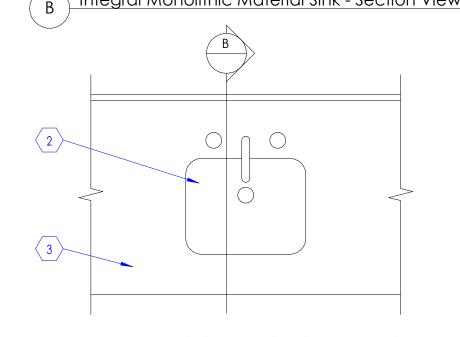
- 1. LINE OF FLOOR. 2. WALL BASE, SEE FINISH SCHEDULE . WALL, SEE FLOOR PLAN & WALL TYPES.
- 4. COUNTERTOP SUPPORT, PAINTED. SUPPORT SHALL BE STEEL ANGLE, 2"X2"X1/4", PIECES MITERED AND WELDED @ 90° ANGLE AS INDICATED. CHAMFER EXPOSED EDGES SMOOTH, ATTACH SUPPORT TO METAL STUDS ANGLE, ATTACH BASE PLATE TO FLOOR WITH TWO 1/2" DIAMETER ANCHOR BOLTS (ON EITHER SIDE OF THE VERTICAL ANGLE) WITH 3" MINIMUM EMBED IN CONCRETE FLOOR. CONTRACTOR SHALL REVIEW INTERIOR ELEVATIONS AND LOCATE SUPPORTS DURING WALL CONSTRUCTION. SUPPORT SPACING SHALL NOT EXCEED 4'-0" O.C.
- MAXIMUM. BACKSPLASH. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B PROVIDE GROMMETS AT COMPUTER MONITOR LOCATIONS, KNEE
- SPACES, COUNTERTOP EQUIPMENT, ETC COUNTERTOP. SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL COUNTERTOP DETAIL 6/A505B

Steel Support for Countertop at Stud Wall

KEYED NOTES

- 1. STAINLESS STEEL SINK. SEE PLUMBING DRAWINGS AND ARCHITECTURAL
- 2. INTEGRAL MONOLITHIC MATERIAL SINK, SEE PLUMBING DRAWINGS AND ARCHITECTURAL DRAWINGS FOR INTERIOR DIMENSIONS AND LOCATION. . COUNTERTOP. SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED
- 7. PROVIDE SMOOTH AND SEAMLESS TRANSITION WHERE SINK IS ATTACHED TO COUNTERTOP. UNLESS NOTED OTHERWISE, SINK COLOR SHALL MATCH COUNTERTOP COLOR. VERIFY WITH ARCHITECT FOR SINK COLOR IF A MATCHING

B Integral Monolithic Material Sink - Section View



7 Typical Sink Detail
SCALE: 1" = 1'-0"

Stainless Steel Sink - Plan View

KEYED NOTES

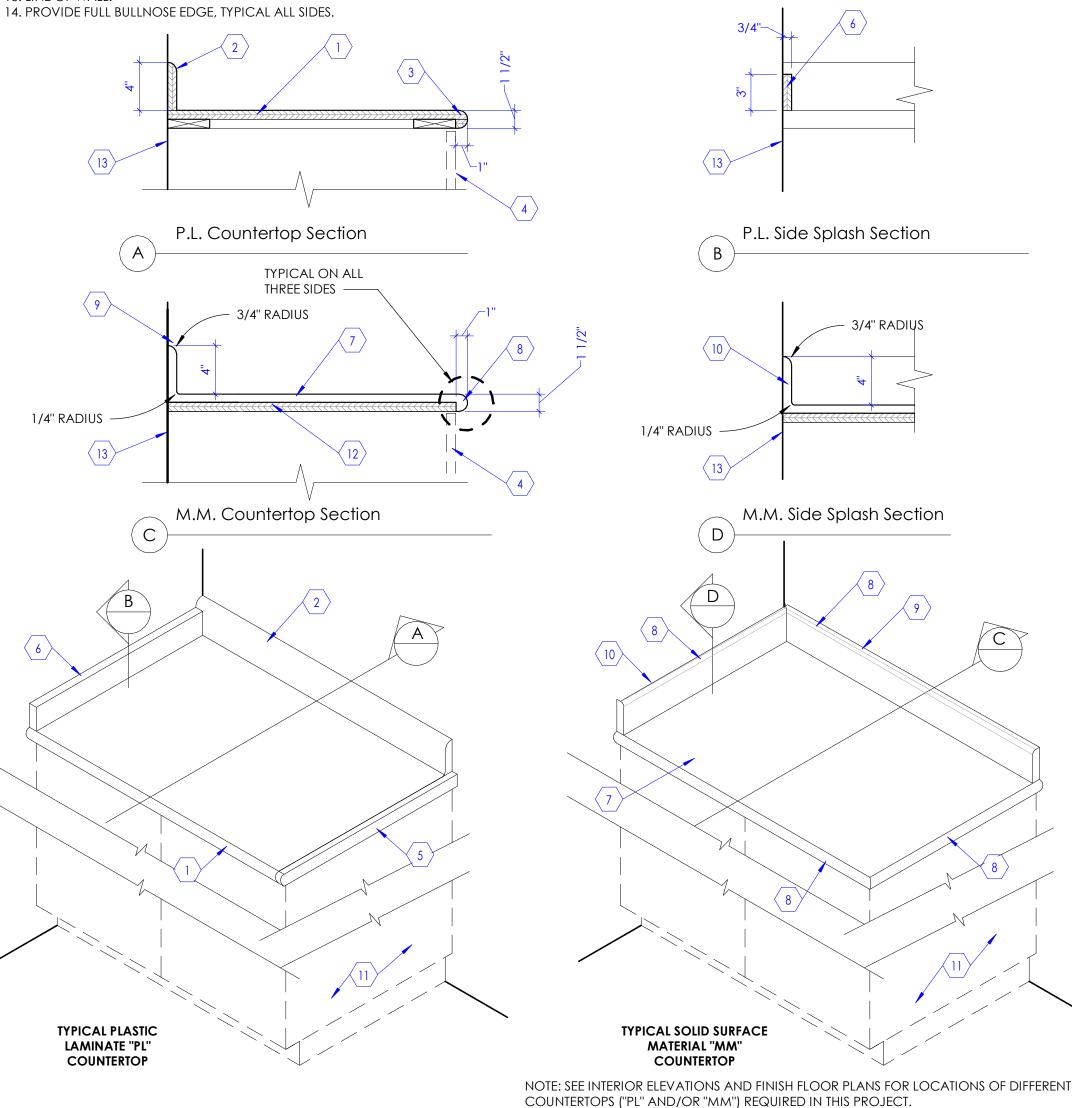
- 1. COUNTERTOP. PLASTIC LAMINATE WRAPPED OVER WOOD SUBSTRATE, 3/4" THICK. SUBSTRATE SHALL BE AS PER ARCHITECTURAL WOODWORK INSTITUTE (AWI) STANDARDS FOR "PREMIUM" GRADE. PROVIDE FULL ROUND EDGE AS INDICATED. WHERE PLASTIC LAMINATE COUNTERTOP IS CALLED OUT AT SINK LOCATIONS, USE EXTERIOR GRADE MARINE PLYWOOD WITH AN IMPERVIOUS SEAL. SEE DETAIL 9/A505B 2. BACKSPLASH, INTEGRAL. PLASTIC LAMINATE SHALL RUN CONTINUOUSLY FROM COUNTERTOP TO BACKSPLASH. BACKSPLASH SHALL HAVE A 3/4" RADIUS EDGE AT TOP AS
- 3. PROVIDE FULL ROUND (BULL NOSE) EDGE AT ALL PLASTIC LAMINATE COUNTERTOPS, TYPICAL. 4. BASE CABINET DOOR AS OCCURS.

7. SOLID SURFACE, CONTINUOUS AND INTEGRAL COUNTERTOP. ATTACH COUNTERTOP TO BASE CABINET AND/OR STEEL SUPPORTS WHERE OCCURS.

- 5. EXPOSED END OF THE COUNTERTOP SHALL BE WRAPPED WITH PLASTIC LAMINATE. 6. SIDESPLASH, PLASTIC LAMINATE OVER WOOD SUBSTRATE, 3/4" THICK, SUBSTRATE SHALL BE AS PER ARCHITECTURAL WOODWORK INSTITUTE (AWI) STANDARDS FOR "PREMIUM" GRADE, PROVIDE CONTINUOUS CLEAR SEALANT WHERE SIDESPLASH ABUTS WALL AND COUNTERTOP, UNLESS NOTED OTHERWISE, SIDESPLASH IS REQUIRED AT ALL LOCATIONS WHERE COUNTERTOP ABUTS VERTICAL SURFACES SUCH AS WALLS, BUILDING COLUMNS, TALL CABINETS, ETC.
- 9. SOLID SURFACE INTEGRAL BACKSPLASH. PROVIDE CONTINUOUS CLEAR SEALANT WHERE BACKSPLASH ABUTS WALL. BACKSPLASH SHALL HAVE A 3/4" RADIUS EDGE AT TOP AND 1/4" RADIUS WHERE BACKSPLASH ABUTS COUNTERTOP. 10. SOLIED SURFACE INTEGRAL SIDESPLASH. PROVIDE CONTINUOUS CLEAR SEALANT WHERE SIDESPLASH ABUTS WALL AND COUNTERTOP. UNLESS NOTED OTHERWISE, SIDESPLASH IS REQUIRED AT ALL LOCATIONS WHERE COUNTERTOP ABUTS VERTICAL SURFACES SUCH AS WALLS, BUILDING COLUMNS, TALL CABINETS, ETC. SIDESPLASH SHALL HAVE A 3/4" RADIUS
- EDGE AT TOP AND 1/4" RADIUS WHERE SIDESPLASH ABUTS COUNTERTOP. 11. BASE CABINET AS OCCURS. SEE INTERIOR ELEVATIONS. AT KNEE SPACE LOCATIONS AND WHERE THERE ARE NO BASE CABINETS TO SUPPORT THE COUNTERTOP, PROVIDE STEEL
- SUPPORTS PER DETAILS 4/A505B AND 5/A505B

12. 3/4" THICK X CONTINUOUS FIRE TREATED PLYWOOD. 13. LINE OF WALL.

8. PROVIDE FULL ROUND (BULL NOSE) EDGE AT ALL SOLID SURFACE COUNTERTOPS, TYPICAL.



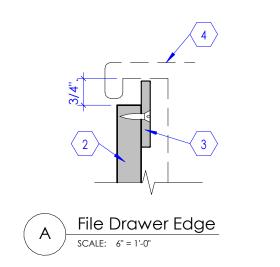
KEYED NOTES

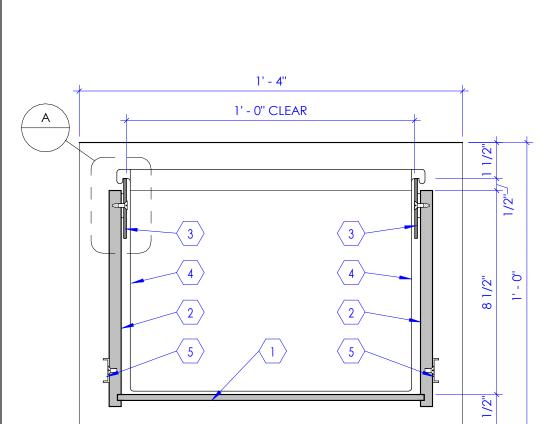
6 | SCALE: 1" = 1'-0"

1. DRAWER BOTTOM PANEL. SEE SPECIFICATIONS IN PROJECT MANUAL

Typical Countertop Detail

- FOR TYPICAL DRAWER CONSTRUCTION. 2. FILE DRAWER BODY.
- 3. ALUMINUM STRAP (2" WIDE X 1/8" THICK) ATTACHED TO DRAWER BODY WITH FASTENERS AT 6" O.C. SHIM AS REQUIRED.
- 4. FILE FOLDER, OWNER FURNISHED OWNER INSTALLED ITEM. 5. DRAWER SLIDE.





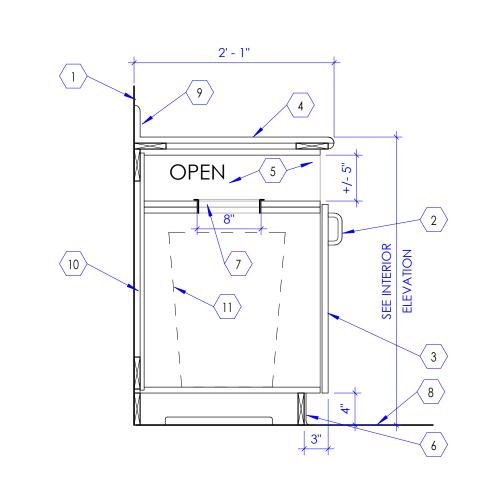
File Drawer Section

SCALE: 3" = 1'-0"

- DOOR PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
- 4. SCHEDULED COUNTERTOP WITH BULLNOSE EDGE. SEE DETAIL 6 / A505B 5. ALL EXPOSED/SEMI-EXPOSED SURFACES TO BE PLASTIC LAMINATE

SEE FINISH SCHEDULE, SHEET A603A, FOR COLOR, STYLE, ETC. FOR VARIOUS COUNTERTOP MATERIALS ("PL" DENOTES PLASTIC LAMINATE AND "MM" DENOTES SOLID SURFACE MATERIAL).

- 7. 8" DIA OPENING WITH STAINLESS STEEL GROMMET.
- 9. BACKSPLASH SEE TYPICAL COUNTERTOP DETAIL 6/A505B 10. CABINET BODY. ATTACH TO WALL PER TYPICAL DETAIL 3/A505B 11. TRASH BIN, OFOI.



Base Cabinet for Trash with Open Apron
SCALE: 1" = 1'-0"

Cabinet Details

100% Construction Documents Apr 25, 2022

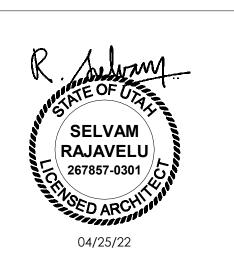
NJRA Project #

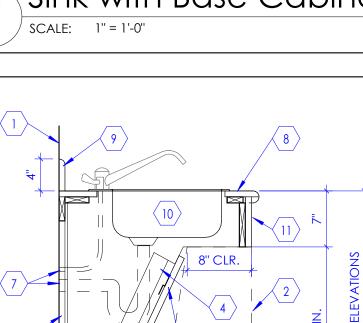
ARCHITECTS

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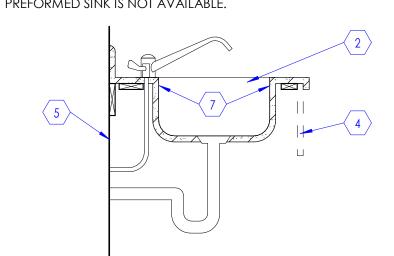


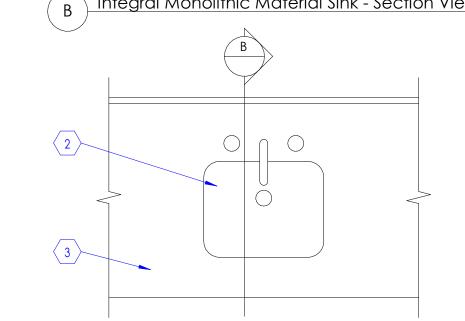
DRAWINGS FOR INTERIOR DIMENSIONS AND LOCATION.

MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL COUNTERTOP DETAIL 6/A505B

4. BASE CABINET OR FASCIA PANEL AS OCCURS, SEE INTERIOR ELEVATIONS. 6. SEAL EXPOSED CUT EDGE OF COUNTERTOP WITH SEALER TO PREVENT WATER

PREFORMED SINK IS NOT AVAILABLE.





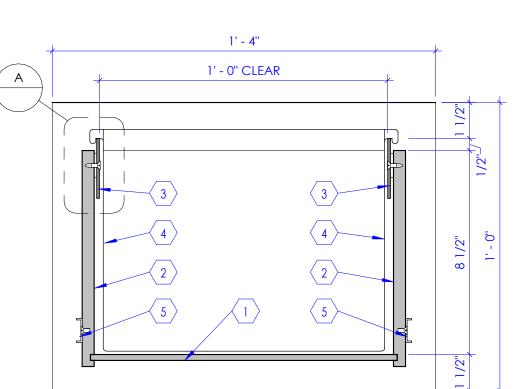
Integral Monolithic Material Sink - Plan View

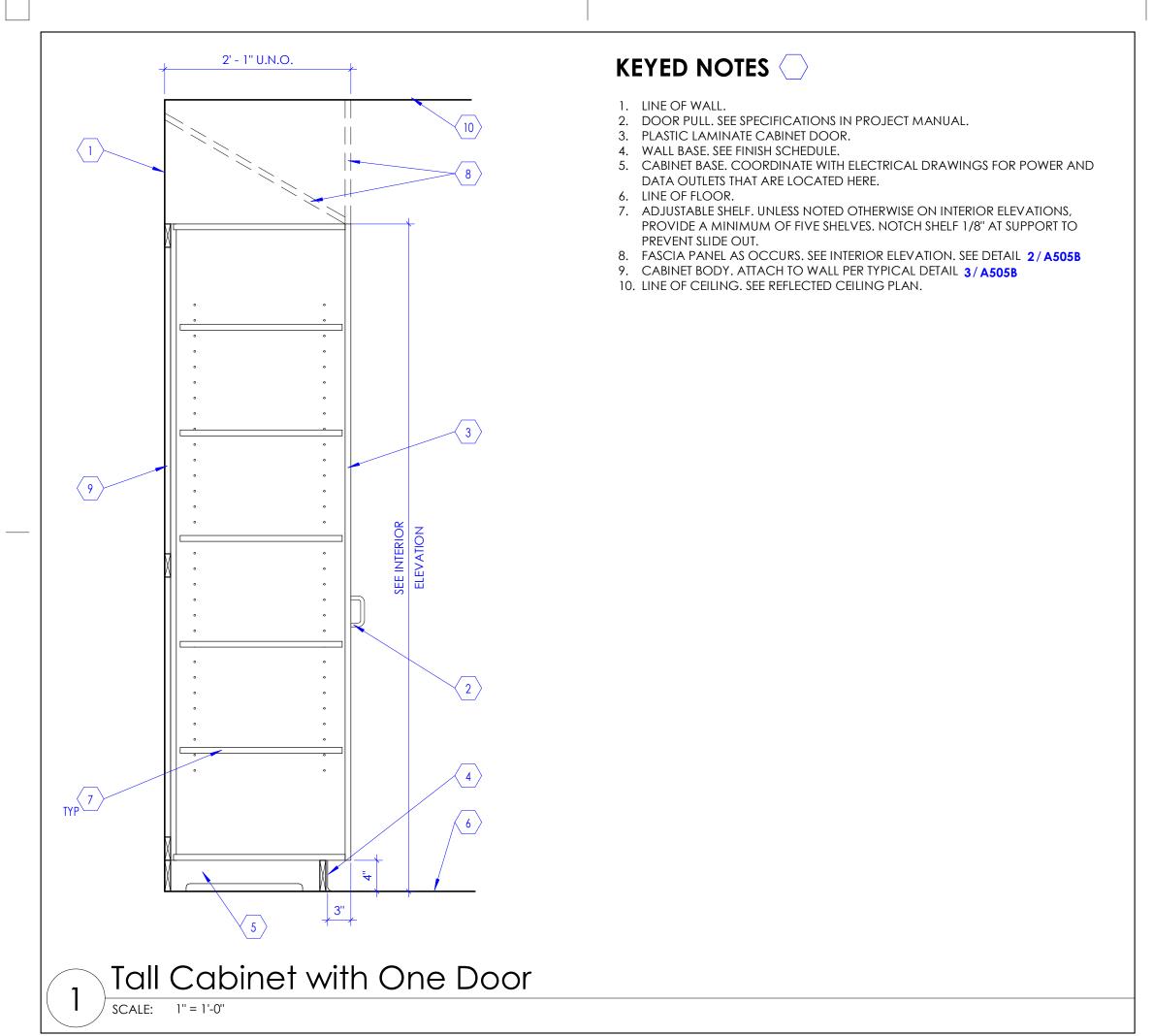


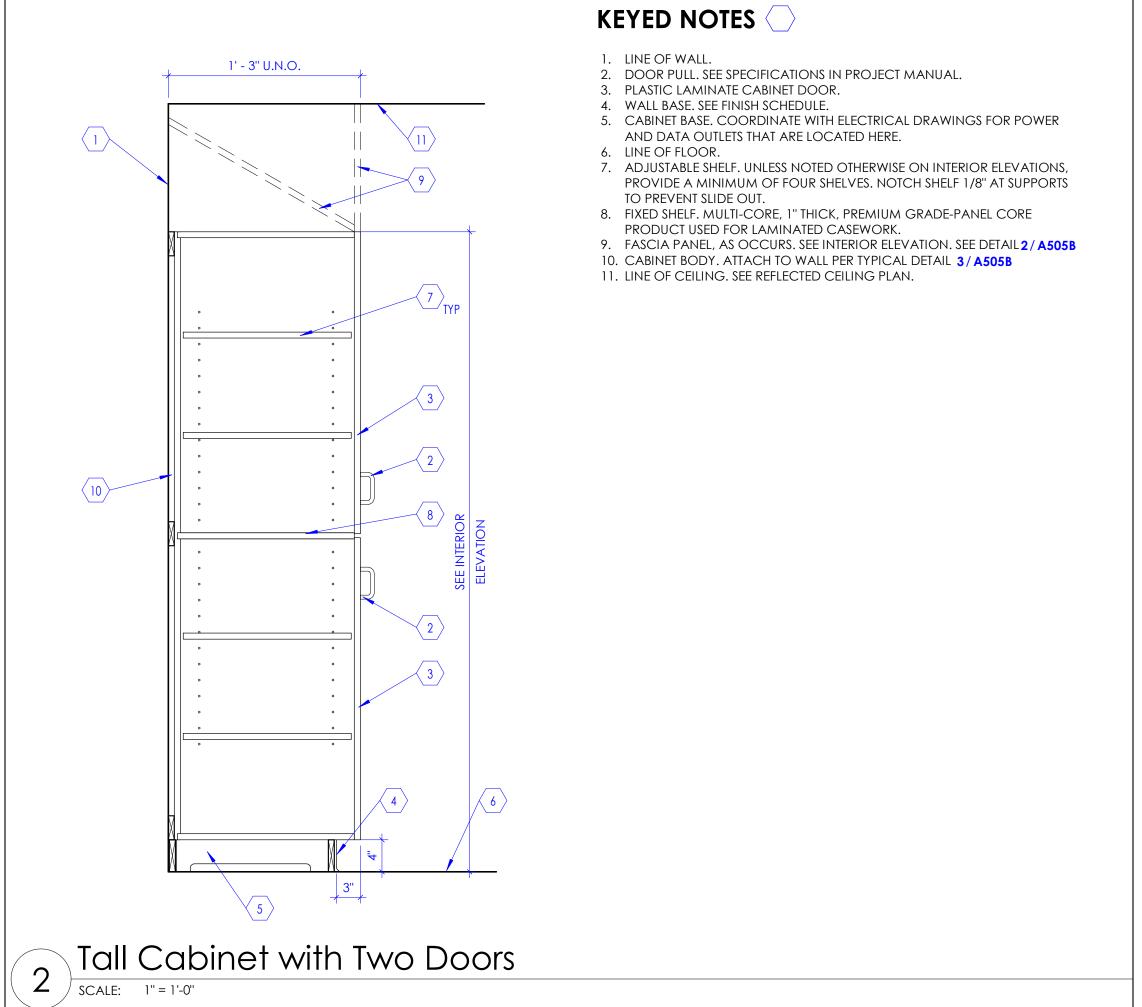
1. LINE OF WALL, AS OCCURS. PLASTIC LAMINATE CABINET DOOR.

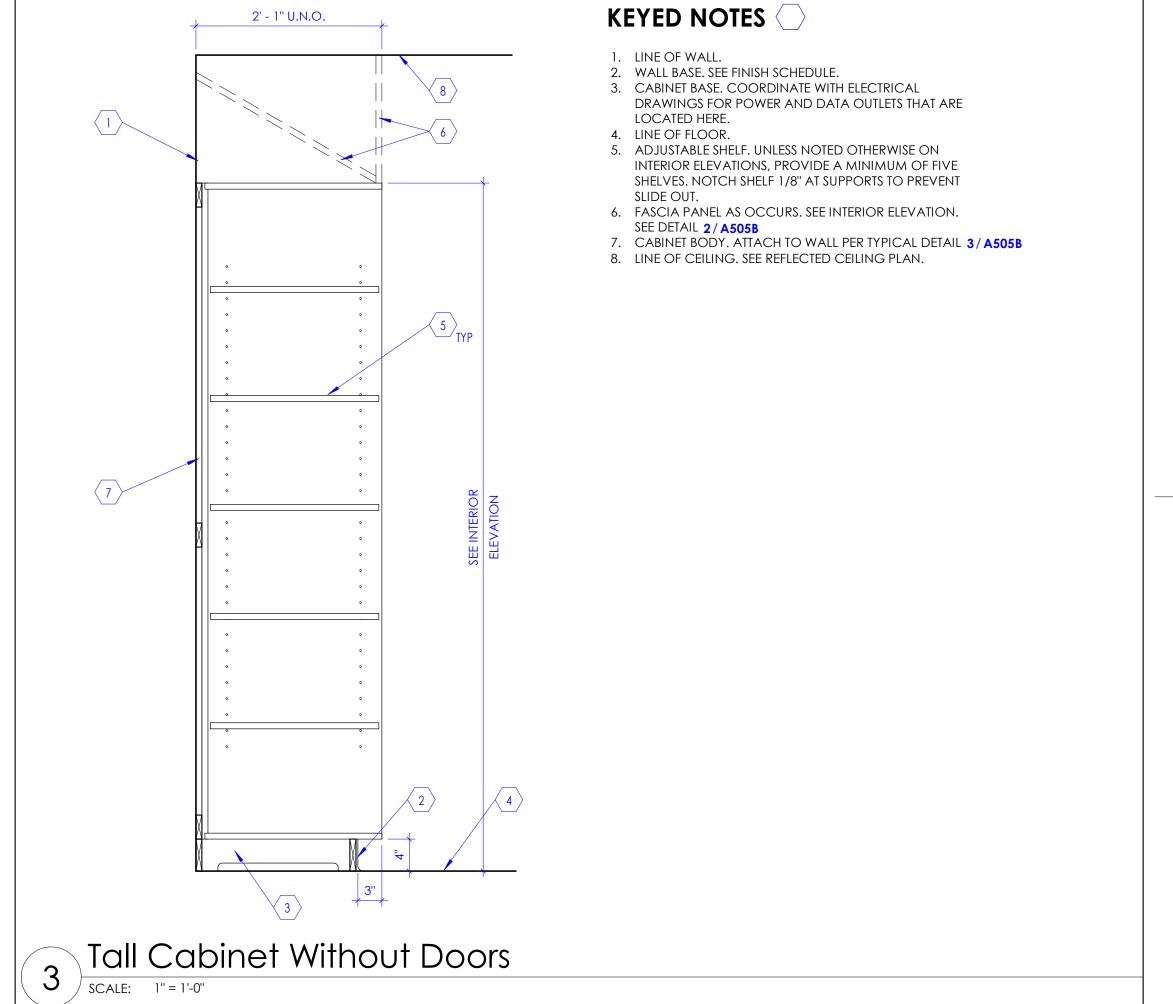
6. WALL BASE. SEE FINISH SCHEDULE.

8. LINE OF FLOOR.











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Intermountain Healthcare

IMC - South Office Tower

Neurosurgery Clinic Expansion

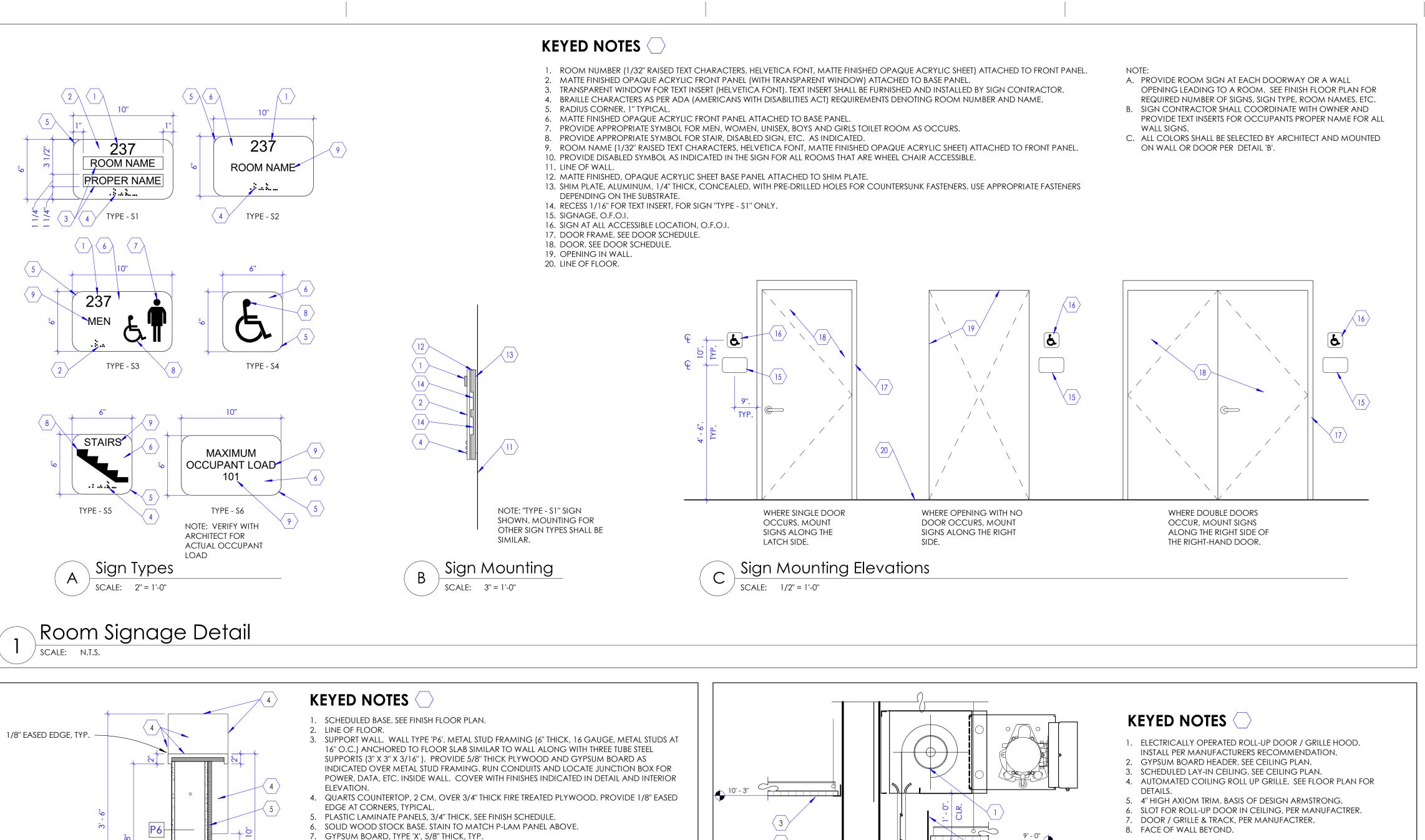
S171 South Cottonwood Street

Muray, Utah 84107

Autay, Utah 84107

Cabinet Details

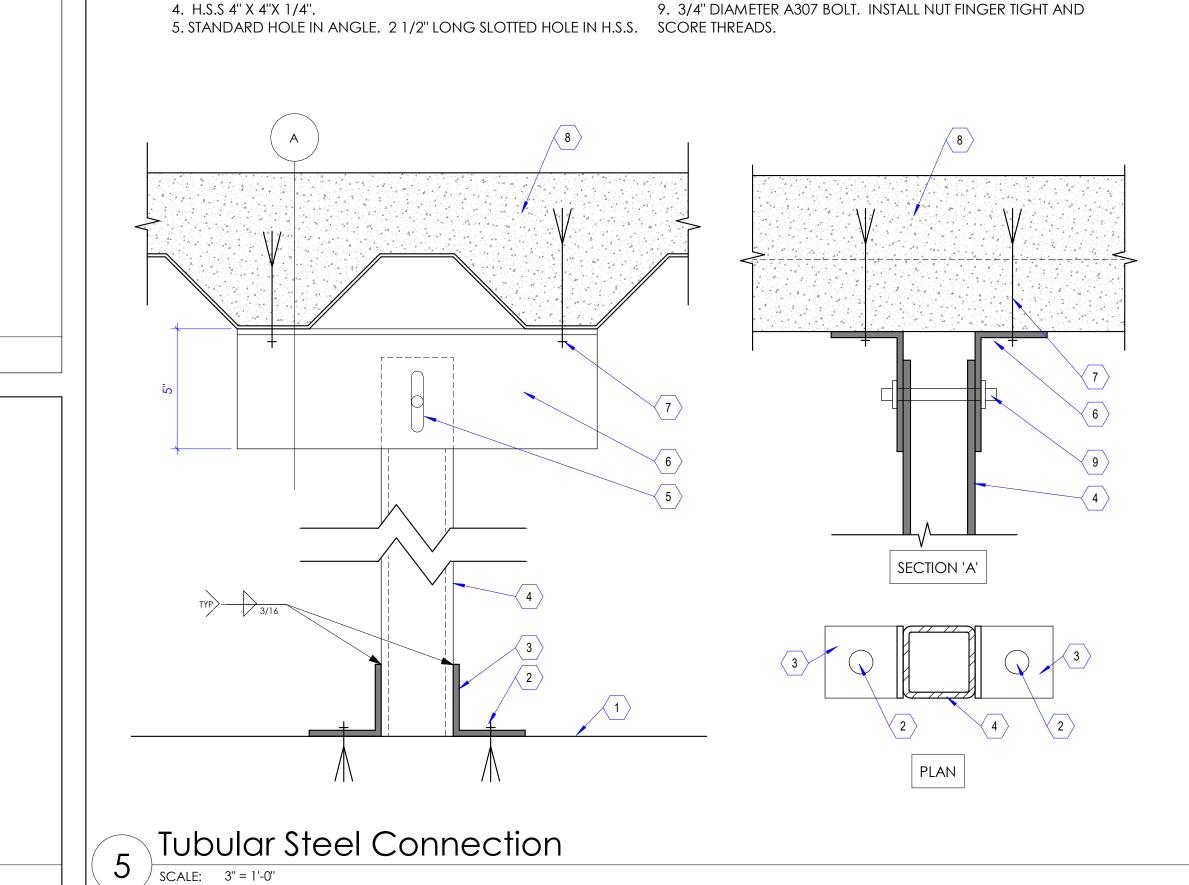
A505C



WAITING

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

KEYED NOTES



KEYED NOTES

FOR DETAILS.

MANUFACTURER.

6. 'L' SHAPED ANGLE 5" X 3" X 1/4" X 16" LONG EACH SIDE.

8. EXISTING CONCRETE OVER METAL DECK.

SCALE: 6" = 1'-0"

7. EXPANSION BOLT, 1/2" DIAMETER, EMBED BOLT 3 1/2" TYP.

1. L-BEAD AND SEALANT, TYPICAL.

2. AUTOMATED COILING ROLL UP GRILLE. SEE FLOOR PLAN

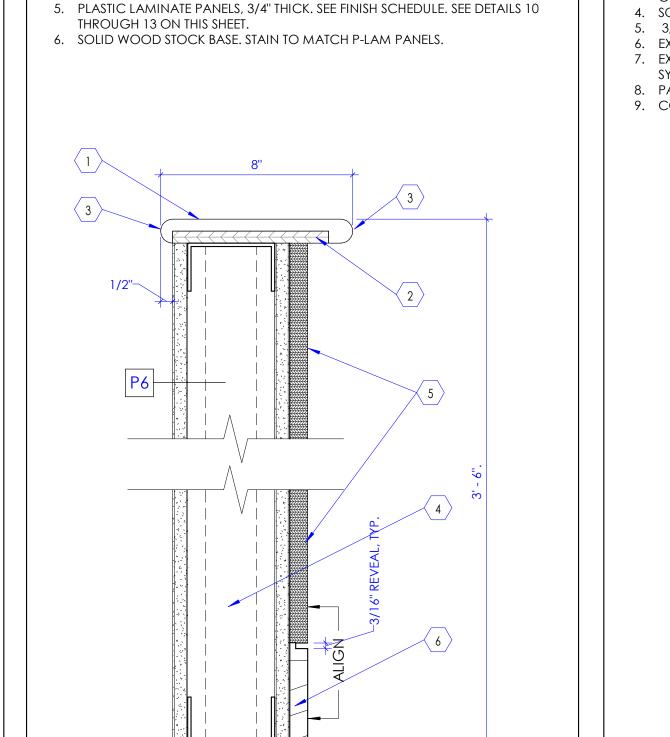
4. ALUMINUM GUIDES FOR ROLL UP GRILLE PER

STRUCTURE ABOVE. SEE DETAIL 5/A506A

3. WALL AS SCHEDULED. SEE DIMENSION PLAN FOR WALL TYPE.

5. TUBE STEEL POST, 4" X 4" X 1/4" TUBE STEEL POST. ATTACH TO

6. GYPSUM BOARD HEADER ABOVE. SEE CEILING PLAN.



1. SOLID SURFACE TRANSACTION TOP WITH FULL BULLNOSE EDGE. SEE FINISH

4. PARTIAL HEIGHT WALL (P6) AS OCCURS. SEE WALL TYPES. PROVIDE TUBE STEEL

SUPPORTS (3" X 3" X 3/16" THICK) AT 6'-0" O.C. AND AT EACH CORNER, TYPICAL.

2. 3/4" THICK, CONTINUOUS FIRE TREATED PLYWOOD. PAINT BLACK.

KEYED NOTES

3. PROVIDE FULL BULL NOSE EDGE.

SCHEDULE.

1/8" EASED EDGE,

Detail at Reception Desk

3. SUPPORT WALL. WALL TYPE 'P6'. METAL STUD FRAMING (6" THICK,

AS INDICATED OVER METAL STUD FRAMING. RUN CONDUITS

AND LOCATE JUNCTION BOX FOR POWER, DATA, ETC. INSIDE

PLYWOOD. PROVIDE 1/8" EASED EDGE AT CORNERS, TYPICAL.

WALL. COVER WITH FINISHES INDICATED IN DETAIL AND

4. QUARTS COUNTERTOP, 2 CM, OVER 3/4" THICK FIRE TREATED

5. PLYWOOD, FIRE TREATED, CONT. 3/4" THICK, 4 LAYERS. 6. PLASTIC LAMINATE PANELS, 3/4" THICK. SEE FINISH SCHEDULE. SOLID WOOD STOCK BASE. STAIN TO MATCH P-LAM PANEL

16 GAUGE, METAL STUDS AT 16" O.C.) ANCHORED TO FLOOR

SLAB SIMILAR TO WALL WITH THREE TUBE STEEL SUPPORTS (3" X 3"

X 3/16"). PROVIDE 5/8" THICK PLYWOOD AND GYPSUM BOARD

SCALE: 1" = 1'-0"

KEYED NOTES (

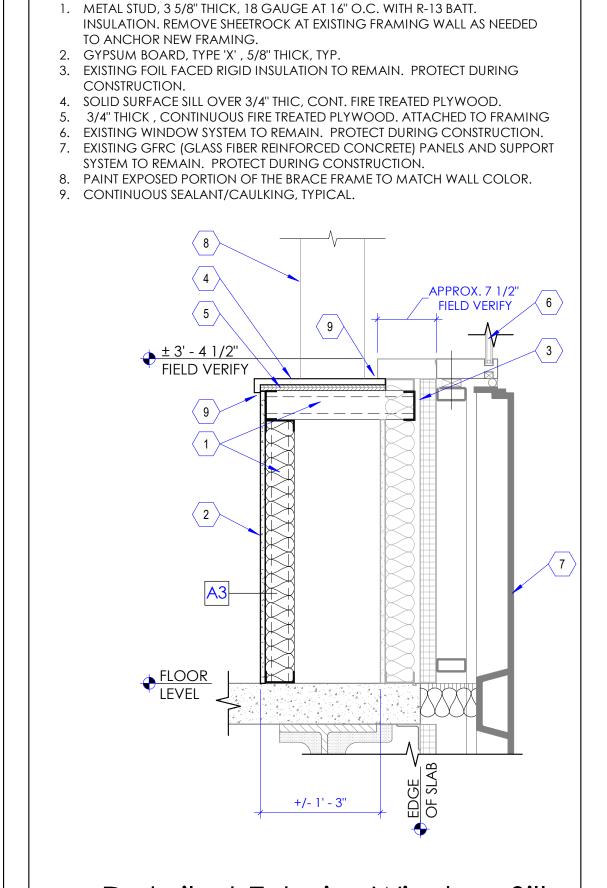
INTERIOR ELEVATION.

SCALE: 1" = 1'-0"

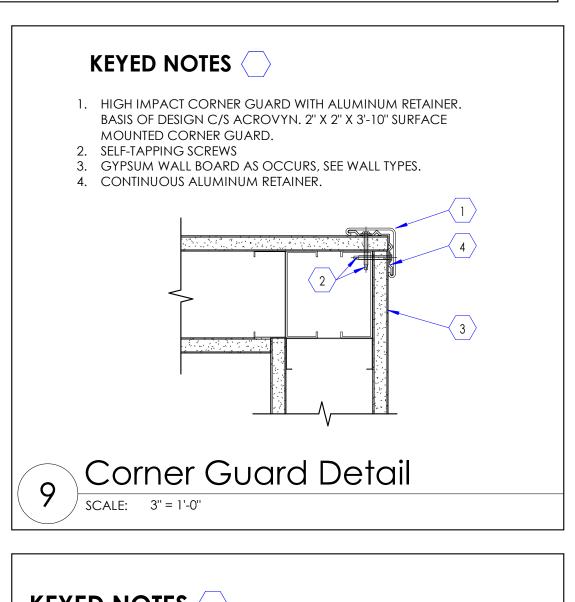
LINE OF FLOOR.

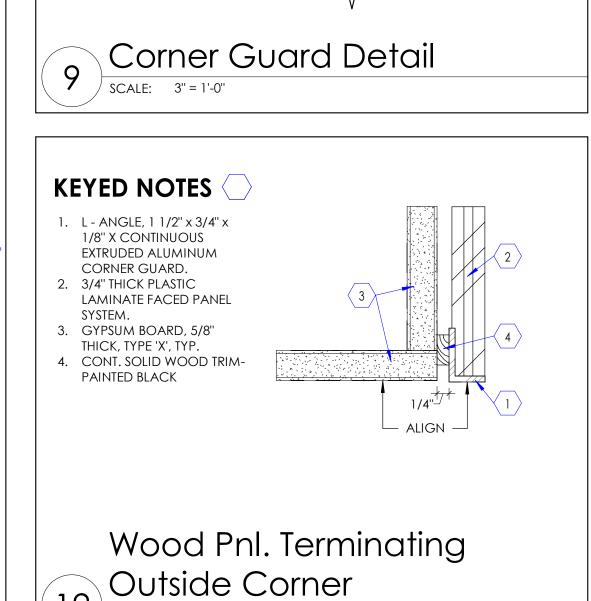
1. SCHEDULED BASE. SEE FINISH FLOOR PLAN.

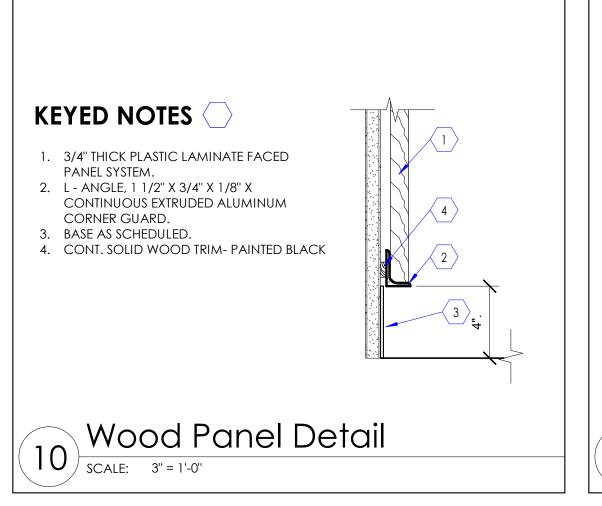
7. GYPSUM BOARD, TYPE 'X', 5/8" THICK, TYP.



Coiling Grille Head Detail







A506A

Detail at Guide

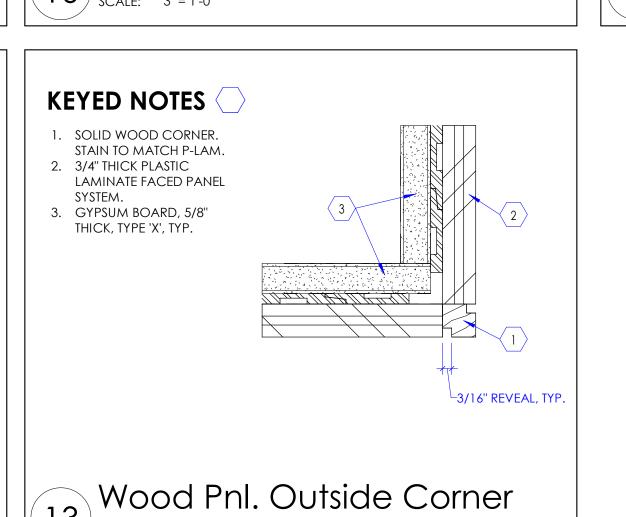
KEYED NOTES

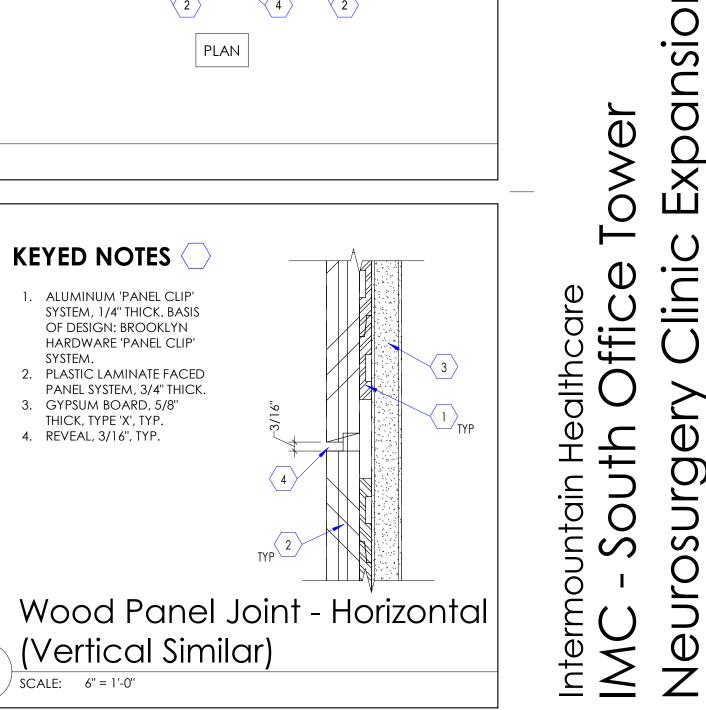
1. EXISTING CONCRETE SLAB.

2. EXPANSION BOLT, 1/2" DIAMETER, EMBED BOLT 3".

3. 'L' SHAPED ANGLE 4" X 4" X 1/4" X 4" LONG TYP. (EACH SIDE)

SCALE: 3" = 1'-0"





Details

100% Construction Documents Apr 25, 2022

NJRA Project #

Detail at Reception Desk Solid Surface Transaction Wood Pnl. Outside Corner

SCALE: 6" = 1'-0" Detail at Exterior Window Sill Outside Corner

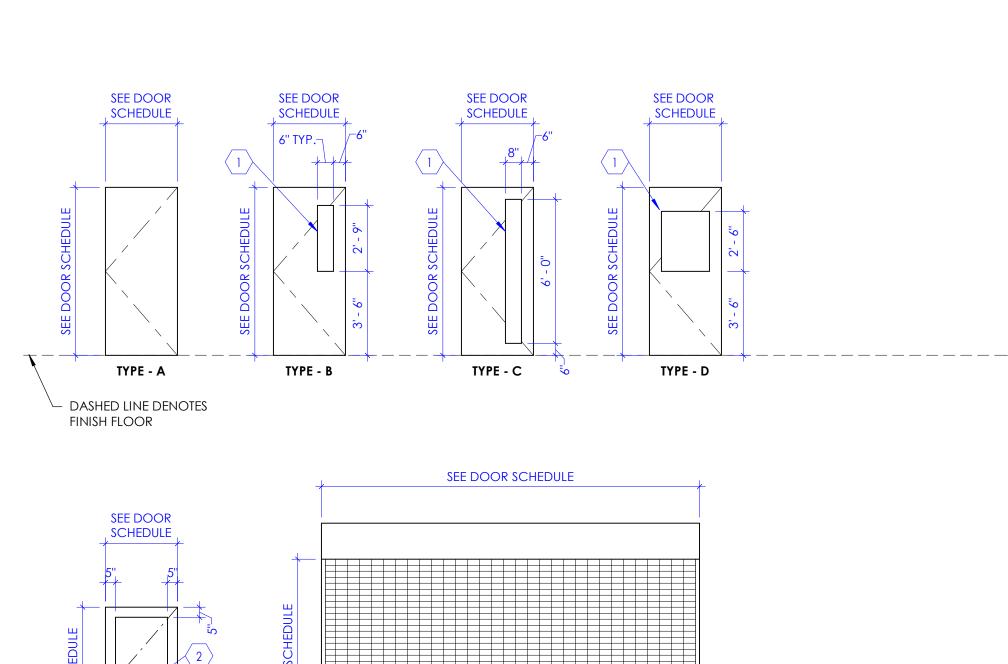
SCALE: 6" = 1'-0" Transaction Counter Counter Detail SCALE: 1" = 1'-0" SCALE: 3" = 1'-0"

CHECK-IN

ARCHITECTS

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- 1. VISION PANEL. GLAZING IN VISION PANEL SHALL BE 1/4" THICK, CLEAR, TEMPERED, GLAZING. FOR WOOD DOOR, PROVIDE WOOD TRIM FRAME FLUSH WITH THE FACE OF THE DOOR, AROUND THE VISION PANEL OPENING. STAIN AND SPECIES OF WOOD TRIM SHALL MATCH WOOD DOOR. FOR HOLLOW METAL DOOR, PROVIDE METAL TRIM AROUND VISION PANEL. GLAZING SHALL BE FIRE RATED IF DOORS ARE REQUIRED
- TO BE FIRE RATED. 2. FOR EXTERIOR DOORS OF THIS TYPE, GLAZING SHALL BE TINTED, INSULATED, TEMPERED, LOW E, AND 1" THICK. FOR INTERIOR DOORS OF
- THIS TYPE, GLAZING SHALL BE CLEAR, TEMPERED AND 1/4" THICK. 3. STAINLESS STEEL WELDED WIRE MESH (15 GAUGE) ATTACHED TO DOOR.

PROVIDE FRAME AROUND THE OPENING IN DOOR TO SECURE THE MESH

4. METAL LOUVER IN DOOR FOR VENTILATION.

Door Types

NOTE: REFER TO "DOOR SCHEDULE" TABLE FOR DOOR TYPES REQUIRED FOR THIS PROJECT. SOME DOOR TYPE ELEVATIONS INDICATED ABOVE, MAY NOT BE APPLICABLE TO THIS PROJECT.

 $\int SCALE: 1/4'' = 1'-0''$

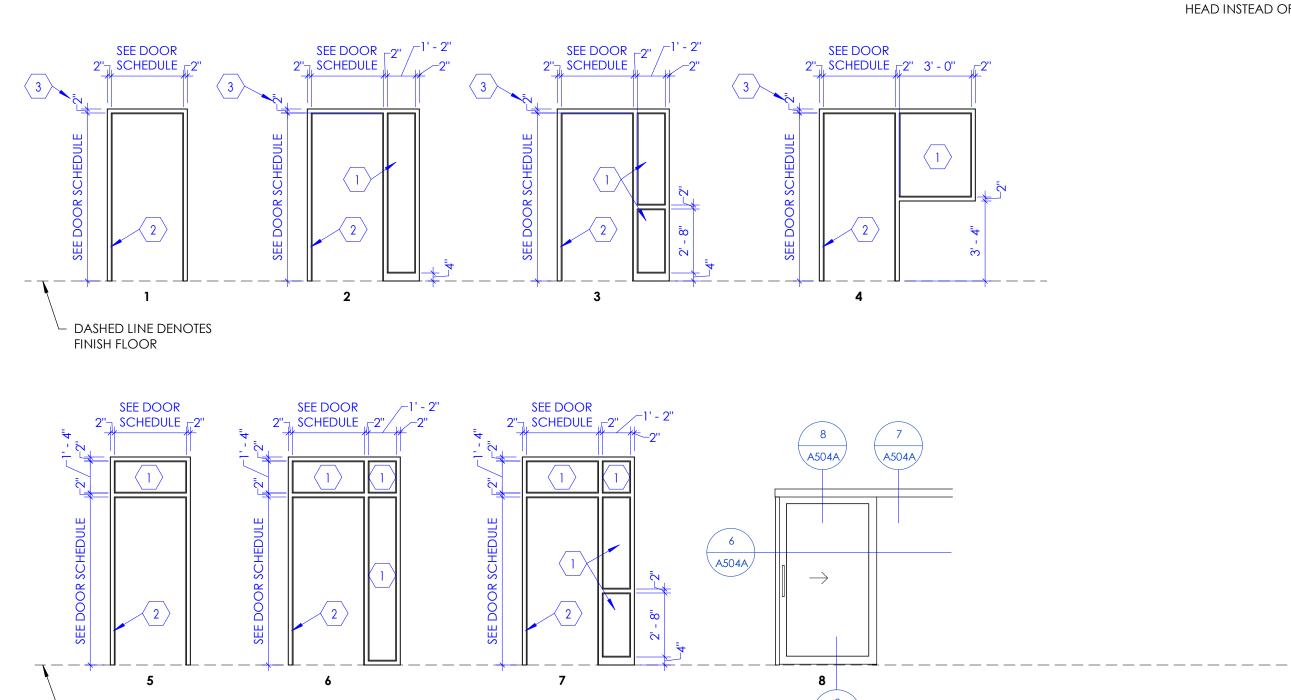
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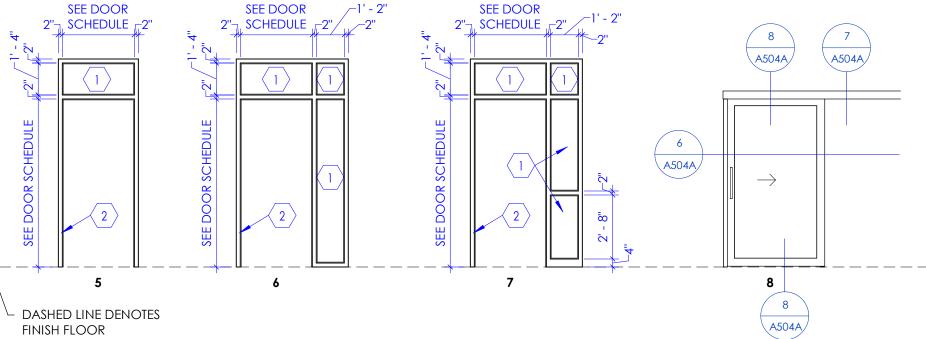
— DASHED LINE DENOTES

FINISH FLOOR

KEYED NOTES

- 1. GLAZING SHALL BE CLEAR, TEMPERED, AND 1/4" THICK.
- 2. DOOR FRAME, SEE DOOR SCHEDULE. 3. WHERE DOOR OCCURS AT MASONRY WALL (8" HIGH, C.M.U. BLOCKS), AND WITH A TYPICAL DOOR HEIGHT OF 7' - 0", USE 4" FRAME AS FRAME HEAD INSTEAD OF THE STANDARD 2" FRAME.







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

NOTE: REFER TO "DOOR SCHEDULE" FOR FRAME TYPES REQUIRED FOR THIS PROJECT. SOME FRAME TYPE ELEVATIONS INDICATED ABOVE MAY NOT BE APPLICABLE TO THIS PROJECT.



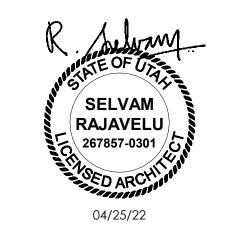
1. 4LB LEAD LINED HOLLOW METAL WINDOW FRAME. PAINT FRAME. 2. 4LB LEAD LINED GLAZING.

DOOR SCHEDULE

		DOOR						FRAME		DETAILS			FIDE	FIRE			
DOOR #	# OF PANELS	WIDTH				ZE	TYPE	TYPE (2/A601A)	DEPTH	MATERIAL	JAMB	HEAD	THRESHOLD	DOOR#	FIRE RATING (MINUTES)	HARDWARE GROUP	COMMENTS
4 000 4	1	W1	W2	HEIGHT	THICKNESS				DED MED		/ / ^ 50 / ^	0/450/4		4.000.4		7.0	4
A902A	I DED 1 (ED	3' - 10 1/2"		7' - 0''	1 3/4"	WD	A	8	PER MFR.		6/A504A	8/A504A		A902A		7.0	4
A904A	PER MFR.	15' - 0''		9' - 0''	PER MFR.	PER MFR.	F	PER MFR.		PER MFR.	2/A506A	4/A506A		A904A		6.0	3
A905A	1	4' - 0''		7' - 0''	1 3/4"	WD	Α	1	5 7/8"	HM	4/A504A	2/A504A	A603A	A905A		3.0	1
A906A	1	3' - 10 1/2"		7' - 0''	1 3/4"	WD	Α	8	PER MFR.	AL	6/A504A	8/A504A		A906A		7.0	4
A907A	1	3' - 0''		7' - 0''	1 3/4"	WD	Α	1	5 7/8"	HM	1/A504A	1/A504A		A907A		5.0	2
A908A	1	3' - 10 1/2"		7' - 0''	1 3/4"	WD	Α	8	PER MFR.	AL	6/A504A	8/A504A		A908A		7.0	4
A909A	1	3' - 0"		7' - 0''	1 3/4"	WD	Α	1	5 7/8"	HM	1/A504A	1/A504A	A603A	A909A		5.0	2
A911A	1	4' - 0''		7' - 0''	1 3/4"	WD	Α	1	5 7/8"	HM	1/A504A	1/A504A		A911A		5.0	2
A912A	1	3' - 10 1/2"		7' - 0''	1 3/4"	WD	Α	8	PER MFR.	AL	6/A504A	8/A504A		A912A		7.0	4
A913A	1	3' - 10 1/2"		7' - 0''	1 3/4"	WD	Α	8	PER MFR.	AL	6/A504A	8/A504A		A913A		7.0	4
A914A	1	3' - 10 1/2''		7' - 0''	1 3/4"	WD	Α	8	PER MFR.	AL	6/A504A	8/A504A		A914A		7.0	4
A917A	1	3' - 0''		7' - 0''	1 3/4"	WD	Α	1	5 7/8"	НМ	1/A504A	1/A504A	1/A603A	A917A		4.0	
A920A	1	3' - 10 1/2"		7' - 0''	1 3/4"	WD	Α	8	PER MFR.	AL	6/A504A	8/A504A		A920A		7.0	4
A921A	1	3' - 10 1/2"		7' - 0''	1 3/4"	WD	Α	8	PER MFR.	AL	6/A504A	8/A504A		A921A		7.0	4
A922A	1	3' - 10 1/2"		7' - 0''	1 3/4"	WD	Α	8	PER MFR.	AL	6/A504A	8/A504A		A922A		7.0	4
A924A	1	3' - 10 1/2"		7' - 0''	1 3/4"	WD	Α	8	PER MFR.	AL	6/A504A	8/A504A		A924A		7.0	4
A926A	1	3' - 0''		7' - 0''	1 3/4"	WD	Α	1	5 7/8"	НМ	1/A504A	1/A504A	A603A	A926A		2.0	
A927A	1	3' - 0''		7' - 0''	1 3/4"	WD	Α	1	5 7/8"	НМ	1/A504A	1/A504A	A603A	A927A		1.0	
A928A	1	3' - 0''		7' - 0''	1 3/4"	WD	Α	1	5 7/8"	НМ	1/A504A	1/A504A	1/A603A	A928A		4.0	
A929A	1	3' - 10 1/2"		7' - 0''	1 3/4"	WD	Α	8	PER MFR.	AL	6/A504A	8/A504A		A929A		7.0	4
A932A	1	3' - 10 1/2"		7' - 0''	1 3/4"	WD	Α	8	PER MFR.	AL	6/A504A	8/A504A		A932A		7.0	4
A933A	1	3' - 10 1/2"		7' - 0''	1 3/4"	WD	Α	8	PER MFR.	AL	6/A504A	8/A504A		A933A		7.0	4



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COMMENTS

. 2LB LEAD LINED DOOR AND FRAME.

. CARD READER. 3. AUTOMATIC ROLL UP DOOR. SEE FLOOR PLAN FOR DETAILS. DOOR WIDTH SHOWN REPRESENTS CLEAR WIDTH BETWEEN JAMBS. DOOR HEIGHT SHOWN REPRESENTS DOOR OPENING HEIGHT. OVERALL DOOR HEIGHT TO BE PER MANUFACTURER. PROVIDE KEY SWITCH FOR

OPERATION OF ROLL UP DOOR. 4. SLIDING BARN DOOR TO PROVIDE 42" CLEAR. WALL THICKNESS 4-7/8".

> Door and Window Schedule

100% Construction Documents Apr 25, 2022

A601A

FIN	NISH SCHEDULE							
TAG	FINISH TYPE	SIZE	MATERIAL DESCRIPTION	MANUFACTURER	STYLE	MODEL #	COLOR	COMMENTS
F1	FLOOR FINISH	18" x 36"	CARPET TILE	SHAW CONTRACT	STIPPLE TILE	51116	SLATE 13585	2
F2	FLOOR FINISH		HOMOGENEOUS SHEET VINYL	MANNINGTON COMMERCIAL	BIOSPEC MD	-	BEDROCK 15369	-
F3	FLOOR FINISH	12" X 12"	PORCELAIN TILE	CROSSVILLE	NOTORIOUS	NTR05 UPS	LEADING MAN	3
F4	FLOOR FINISH		BROADLOOM CARPET	SHAW CONTRACT	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	1
B1	WALL BASE	4" HIGH	CARPET BASE (TOP EXPOSED EDGE BOUND WITH FABRIC)	SHAW CONTRACT	CONTE'	5A213	SLATE 13585	
B2	WALL BASE	4" HIGH	RUBBER BASE	MANNINGTON COMMERCIAL	BURKEBASE TYPE TP	-	MOONBEAM 050	_
B3	WALL BASE	6" HIGH	PORCELAIN TILE	CROSSVILLE	NOTORIOUS	NTR05 UPS	LEADING MAN	3
B4	WALL BASE	6" HIGH	COVED SHEET VINYL	MANNINGTON COMMERCIAL	BIOSPEC MD	-	BEDROCK 15369	4
B5	WALL BASE	4" HIGH	CARPET BASE	SHAW CONTRACT	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	1
W1	WALL FINISH		PAINT	SHERWIN WILLIAMS	SATIN FINISH	SW 7005	PURE WHITE	
W2	WALL FINISH		EPOXY PAINT	SHERWIN WILLIAMS	3A1114 114131	SW 7005	PURE WHITE	
W3	WALL FINISH	12" X 24"	PORCELAIN TILE	CROSSVILLE	NOTORIOUS	NTR01 HON	FEMME FATALE	6, 11
W4	WALL FINISH	12" X 24"	PORCALAIN TILE - ACCENT	CROSSVILLE	NOTORIOUS	NTR05 HON	LEADING MAN	10, 11
W5	WALL FINISH	12 / 24	PAINT	SHERWIN WILLIAMS	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	10,11
W6	WALL FINISH		PAINT - ACCENT COLOR	SHERWIN WILLIAMS	STAIN FINISH	SW 0023	PEWTER TANKARD	
W7	WALL FINISH		PAINT - ACCENT COLOR	SHERWIN WILLIAMS	SATIN FINISH	SW 7132	WATER SQUIRT	
W8	WALL FINISH		PAINT - ACCENT COLOR	SHERWIN WILLIAMS	SATIN FINISH	SW 6201	THUNDEROUS	-
DI 1	DI ACTIO I ANAINIATE EINIGII		DI ACTIO I ALVINIATE CARINIETO	LAAANLADT	VELVA TEV	205 () /T		
PL1	PLASTIC LAMINATE FINISH		PLASTIC LAMINATE CABINETS	LAMIN-ART	VELVA-TEX	3056-VT	MYSTIC WOOD	- 10
WD1	WOOD FINISH		COMPOSITE PANELING	SOELBERG	DECORATIVE WOOD PANELS	MARE	MATTE WHITE	12
MM1	MONOLITHIC MATERIAL		SOLID SURFACE COUNTERTOP/SILL	CORIAN SOLID SURFACE	-	-	WHITE JASMINE	-
MM2	MONOLITHIC MATERIAL		SOLID SURFACE INTEGRAL SINK	STARON SOLID SURFACES	-	A3181	BW010 BRIGHT WHITE	-
ммз	MONOLITHIC MATERIAL		QUARTZ - 2 CM	CAMBRIA	DESERT COLLECTION	-	WHITE CLIFF	-
CG1	WALL PROTECTION	3" X 3" X 4'-0"	CORNER GUARD	CONSTRUCTION SPECIALTIES	ACROVYN CORNER GUARDS	SM-20AN	WHITE 949	7
LA/D1	WALL DROTECTION		DICID CUEET WALKING OF DANIEL	CONSTRUCTION SPECIALTIES	4 CDO/WH COLID COLODS		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	

ACROVYN SOLID COLORS

CONSTRUCTION SPECIALTIES

GENERAL NOTES

- ARE BASED ON THE NAMED MANUFACTURER AND THEIR PRODUCTS. SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE THE NAMED PRODUCT OR A COMPARABLE PRODUCT BY ONE OF THE APPROVED MANUFACTURERS LISTED IN THE PROJECT MANUAL. SEE RELEVANT SPECIFICATION SECTION. SEE "SAMPLE LAYOUTS" INDICATED ON FINISH PLANS FOR CLARIFICATION ON HOW DIFFERENT TYPES OF REQUIRED FINISHES ARE INDICATED WITH FINISH TAGS
- FOR FLOORS, WALLS, MISCELLANEOUS SURFACE, ETC. SEE FINISH FLOOR PLANS FOR REQUIRED FINISHES (INDICATED WITH FINISH TAGS SUCH AS F1, B1, W1, ETC.). LINE OF TRANSITION BETWEEN DIFFERENT TYPES OF FLOOR COVERING IS INDICATED ON THE FINISH FLOOR PLANS. IN PLACES WHERE TWO DIFFERENT FLOOR COVERING ABUTS EACH OTHER, CONTRACTOR SHALL FOLLOW THE

N. BASIS-OF-DESIGN FOR FINISHES: FINISHES INDICATED ON THE FINISH SCHEDULE

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- RELEVANT APPLICABLE "FLOOR COVERING TRANSITION DETAILS" INDICATED IN THIS CONSTRUCTION DOCUMENTS. WHERE TWO ROOMS ARE REQUIRED TO HAVE DIFFERENT FLOOR COVERINGS, LINE OF TRANSITION SHALL TYPICALLY OCCUR BELOW THE CENTER OF THE DOOR (LOCATED BETWEEN THE TWO ROOMS). AS THESE TRANSITION LINES ARE NOT INDICATED BELOW THE DOOR ON THE FINISH FLOOR PLANS, CONTRACTOR SHALL PROVIDE METAL TRANSITION STRIP (MANUFACTURED BY SCHLUTER OR EQUIVALENT) AS REQUIRED. AT EXTERIOR DOORS, PROVIDE ALUMINUM THRESHOLD MATCHING THE DOORWAY. FOR REMODEL PROJECTS, COORDINATE WITH DEMOLITION FLOOR PLAN AND NEW FLOOR PLAN TO DETERMINE WHERE NEW ABUTS EXISTING FLOOR COVERING THAT IS SCHEDULED TO REMAIN.
- LINE OF TRANSITION BETWEEN DIFFERENT TYPES OF WALL FINISH IS INDICATED ON THE INTERIOR ELEVATIONS AND FINISH FLOOR PLANS. FOR REQUIRED WALL PROTECTION TYPE (INDICATED WITH TAG WP1, WP2, ETC.), ON WALLS, COORDINATE WITH FINISH FLOOR PLANS AND INTERIOR ELEVATIONS. THERE ARE MISCELLANEOUS SURFACES THAT ARE EXPOSED AND WILL REQUIRE A FINISH. SUCH MISCELLANEOUS SURFACES ARE INDICATED IN THE DRAWINGS WITH FINISH TAGS SUCH AS MS1, MS2, ETC.
- PAINT ALL EXPOSED VISIBLE ITEMS SUCH AS METAL DECK, STEEL ANGLES, STEEL BEAMS, STEEL TRUSSES, MISC. STEEL ITEMS, PIPES, CONDUITS, ETC. UNLESS SPECIFICALLY NOTED AS A SURFACE NOT TO BE PAINTED, OR IF NATURAL FINISH IS REQUIRED. PAINT SURFACES USING FIELD COLORS AND ACCENT COLORS SPECIFIED BY THE ARCHITECT. DO NOT PAINT CONCEALED SURFACES, FINISHED METAL SURFACES, OPERATING PARTS, AND PRE-FINISHED ITEMS. VERIFY PAINTING SURFACE (SUCH AS STEEL, CONCRETE, MASONRY, GYPSUM BOARD, WOOD, ETC.) AND USE THE APPROPRIATE PAINT AND METHOD INDICATED IN THE PROJECT MANUAL UNDER RELEVANT SPECIFICATION SECTION. ALL HOLLOW METAL DOOR AND WINDOW FRAMES SHALL BE PAINTED. USE SEMI-GLOSS FINISH ON DOOR FRAMES.
- IN ROOMS AND AREAS WHERE GYPSUM BOARD CEILING IS INDICATED, PAINT CEILING WITH THE SAME COLOR AND TYPE AS ADJACENT WALLS. IN WET ROOMS (LIKE RESTROOM, KITCHEN, ETC.) WHERE EPOXY PAINT IS INDICATED AS A REQUIREMENT ON WALLS, PAINT CEILINGS AND SOFFITS WITH EPOXY TYPE PAINT. ALL GYPSUM BOARD SOFFITS SHALL BE PAINTED. COORDINATE ACCENT COLOR LOCATIONS WITH ARCHITECT WHEREVER INDICATED.
- SEE INTERIOR ELEVATIONS FOR PLASTIC LAMINATE FINISHES OVER CABINETS, COUNTERTOPS, WALLS, ETC. PLASTIC LAMINATE FINISHES ARE INDICATED AS PL1, PL2, ETC. COUNTERTOPS THAT ARE MONOLITHIC MATERIAL (SUCH AS SOLID SURFACE, QUARTZ, ETC. AND NOT PLASTIC LAMINATE WRAPPED), ARE INDICATED AS MM1, MM2, ETC.
- WHERE PORCELAIN AND/OR CERAMIC TILE FINISHES ARE INDICATED, PROVIDE METAL EDGE STRIPS (MANUFACTURED BY SCHLUTER OR EQUIVALENT) AT ALL OUTSIDE VERTICAL CORNERS AND TOP OF WAINSCOT.

COMMENTS

WALL PROTECTION

- . MATCH ADJACENT EXISTING FINISH STYLE AND COLOR.
- . CARPET TILES SHALL BE INSTALLED IN AN ASHLAR PATTERN. CARPET TILES TO BE FULLY ADHERED TO THE CONCRTE FLOOR. 3. FLOOR TILE SHALL BE INSTALLED IN A SQUARE JOINT PATTERN. USE EPOXY GROUT IN COLOR MAPEI #09 GRAY OR SIMILAR.
- 4. INSTALL ALUMINUM TOP TRIM ON SHEET VINYL WALL BASE.
- 5. ALL HOLLOW METAL DOOR FRAMES AND EXPOSED BRACE FRAMES TO BE PAINTED IN 'W1' PAINT AND SEMI-GLOSS FINISH UNLESS OTHERWISE NOTED. 6. WALL TILE SHALL BE INSTALLED IN A BRICK JOINT PATTERN. USE GROUT COLOR MAPEI #93 WARM GRAY OR SIMILAR.
- CORNER GUARD HEIGHT TO SPAN FROM TOP OF WALL BASE TO 4'-2" ABOVE FINISHED FLOOR. TOP OF CORNER GUARD TO ALIGN WITH TOP OF ADJACENT WALL PROTECTION WAINSCOTING WHERE OCCURS. SEE DETAIL 9/A506A. WHERE CEILINGS ARE CALLED OUT TO BE HARD LID, CEILING PAINT COLOR AND FINISH TO MATCH WALL COLOR AND FINISH.
- 9. TOP OF WALL PROTECTION TO ALIGN WITH TOP OF ADJACENT CORNER GUARD WHERE OCCURS. TOP OF WALL PROTECTION WAINSCOTING TO BE 4'-2" AFF.

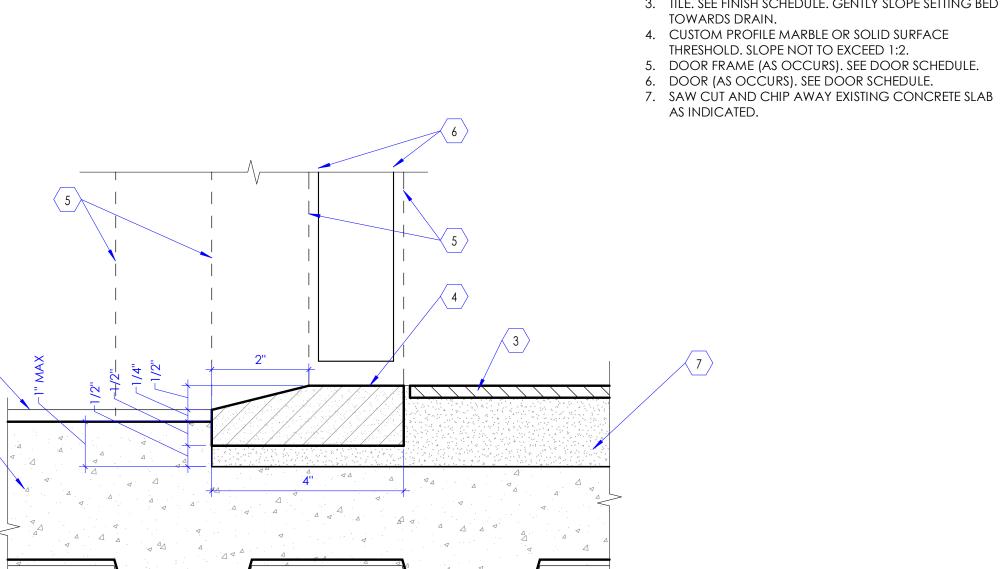
0.06 INCH THICK RIGID SHEET WAINSCOT PANEL

- 10. WALL TILE SHALL BE INSTALLED IN A BRICK JOINT PATTERN. USE GROUT COLOR MAPEI #09 GRAY OR SIMILAR. 11. SEE INTERIOR ELEVATIONS FOR LAYOUT.
- 12. DECORATIVE WOOD PANEL TO BE INSTALLED WITH PATTERN RUNNING VERTICALLY.

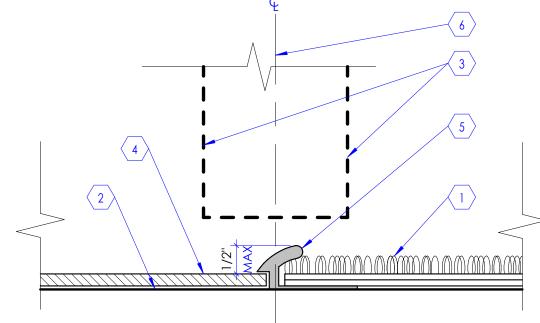
KEYED NOTES

AND DOOR THRESHOLD.

- 1. EXISTING SUSPENDED CONCRETE SLAB OVER METAL
- 2. LINE OF FINISH FLOOR. SEE FINISH SCHEDULE. PROVIDE A SMOOTH TRANSITION BETWEEN THE FINISHED FLOOR
- 3. TILE. SEE FINISH SCHEDULE. GENTLY SLOPE SETTING BED TOWARDS DRAIN.



Solid Surface/Marble Threshold (at Concrete on Metal Floor Deck Locations) SCALE: 6" = 1'-0"



1. CARPET FLOOR COVERING AS OCCURS. SEE FINISH SCHEDULE.

- 2. LINE OF FLOOR.
- 3. DOOR AS OCCURS. 4. FLOOR COVERING (VINYL COMPOSITION TILE, LUXURY VINYL TILE,

KEYED NOTES

ETC. AS OCCURS). SEE FINISH SCHEDULE. 5. METAL TRANSITION STRIP. MODEL NUMBER LVT 130 IN ETCHED ALUMINUM BY FUTURA OR EQUIVALENT. ATTACH TRANSITION STRIP TO SUBSTRATE PER MANUFACTURERS RECOMMENDATIONS.

6. CENTERLINE OF DOOR AND TRANSITION STRIP SHALL ALIGN.

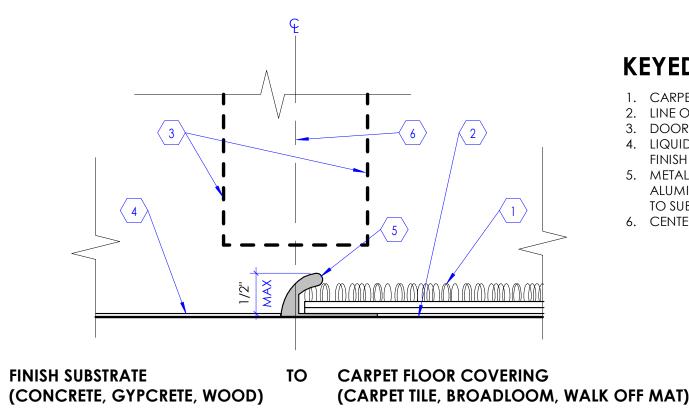
(CARPET TILE, BROADLOOM, WALK OFF MAT)

CARPET FLOOR COVERING



RESILIENT FLOOR COVERING

(VCT, LVT)



KEYED NOTES

- 1. CARPET FLOOR COVERING AS OCCURS. SEE FINISH SCHEDULE.
- 2. LINE OF FLOOR. 3. DOOR AS OCCURS.
- 4. LIQUID APPLIED FINISH (OPAQUE SEALER, CLEAR SEALER, ETC.). SEE
- 5. METAL TRANSITION STRIP. MODEL NUMBER LVT 160 IN ETCHED ALUMINUM BY FUTURA OR EQUIVALENT. ATTACH TRANSITION STRIP TO SUBSTRATE PER MANUFACTURERS RECOMMENDATIONS. 6. CENTERLINE OF DOOR AND TRANSITION STRIP SHALL ALIGN.



Floor Covering Transition Detail

SCALE: 12" = 1'-0"

RESILIENT FLOOR COVERING TILE FLOOR COVERING (VCT, LVT)

(CERAMIC, PORCELAIN)

RESILIENT FLOOR COVERING TO

(VCT, LVT)

WHITE 949

Floor Covering Transition Detail

KEYED NOTES

- 1. FLOOR COVERING (VINYL COMPOSITION TILE, LUXURY VINYL TILE, ETC. AS OCCURS). SEE FINISH SCHEDULE. 2. LINE OF FLOOR.
- 3. DOOR AS OCCURS. 4. LIQUID APPLIED FINISH (OPAQUE SEALER, CLEAR SEALER, ETC.). SEE
- FINISH SCHEDULE. 5. METAL TRANSITION STRIP. MODEL NUMBER LVT 405 IN ETCHED
- ALUMINUM BY FUTURA OR EQUIVALENT. ATTACH TRANSITION STRIP

TO SUBSTRATE PER MANUFACTURERS RECOMMENDATIONS. 6. CENTERLINE OF DOOR AND TRANSITION STRIP SHALL ALIGN.

Floor Covering Transition Detail

(CONCRETE, GYPCRETE, WOOD)

FINISH SUBSTRATE



- 1. CERAMIC, PORCELAIN TILE, ETC. ON THINSET MORTAR BED. SEE FINISH
- 2. LINE OF FLOOR.
- 3. DOOR AS OCCURS. 4. RESILIENT FLOORING (VINYL COMPOSITION TILE, LUXURY VINYL TILE,
- AS OCCURS). SEE FINISH SCHEDULE. 5. METAL TRANSITION STRIP. EDGETEK SERIES IN ALUMINUM BY FUTURA OR EQUIVALENT. ATTACH TRANSITION STRIP TO SUBSTRATE PER
- MANUFACTURERS RECOMMENDATIONS. 6. CENTERLINE OF DOOR AND TRANSITION STRIP SHALL ALIGN.

Schedule & Details

Finish

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GENERAL MECHANICAL SYMBOLS HVAC SYMBOLS PIPING SYMBOLS 18"x8" SQUARE DUCT SIZE TAG (WIDTH x HEIGHT) REVISION NUMBER - SHOWN ON PLANS CHWR———— CHILLED WATER RETURN POINT WHERE NEW CONNECTS TO EXISTING OVAL DUCT SIZE TAG (WIDTH / HEIGHT) CHWS———— CHILLED WATER SUPPLY POINT WHERE EXISTING IS TO BE DEMOLISHED ROUND DUCT SIZE TAG (DIAMETER) CONDENSER WATER RETURN NUMBER OF DETAIL ON SHEET **EXISTING DUCT TAG** CWS——CWS——CONDENSER WATER SUPPLY --- /--- NUMBER OF SHEET WHERE DETAIL APPEARS GEOTHERMAL WATER RETURN DUCT BEING DEMOLISHED KEYNOTE GEOTHERMAL WATER SUPPLY SUPPLY AIR - LOW PRESSURE HEATING WATER RETURN CONTINUATION SYMBOL SUPPLY AIR - MEDIUM PRESSURE HEATING WATER SUPPLY ROOM NAME AND NUMBER NG NATURAL GAS CONDITIONED OUTSIDE AIR PROPANE GAS OUTSIDE AIR ITEM TO BE DEMOLISHED REF-L REFRIGERANT-LIQUID REF-S REFRIGERANT-SUCTION AREA NOT IN CONTRACT REF-HG REFRIGERANT-HOT GAS STEAM STEAM EXHAUST AIR PIPE SIZE TAG (DIAMETER) ------CWV-------- COMBINATION WASTE & VENT ABOVE GROUND PIPING 1/8" / 12" SLOPE PIPE SLOPE TAG GREASE EXHAUST AIR BELOW GROUND PIPING —INVERT: -105' - 1" PIPE INVERT ELEVATION TAG SMOKE EXHAUST AIR FILTERED COLD WATER (E)— EXISTING PIPE TAG REVERSE OSMOSIS WATER EXHAUST GAS FLUE PIPING BEING DEMOLISHED COMBUSTION AIR DROP RECTANGULAR SUPPLY/OUTSIDE AIR DUCT RISE ———— — — — — — — — — — — — — HOT WATER RECIRCULATION 140° **ABBREVIATIONS** DROP ROUND SUPPLY/OUTSIDE AIR DUCT RISE — — — GV — — — GREASE VENT GREASE WASTE Ø ROUND DROP RECTANGULAR RETURN/TRANSFER AIR DUCT RISE ABV ABOVE LWT LEAVING WATER TEMPERATURE ---- INDIRECT WASTE AC AIR CONDITIONING M/A MIXED AIR DROP ROUND RETURN/TRANSFER AIR DUCT RISE ---- OV --- OIL VENT AD AREA DRAIN MAX MAXIMUM ADD ADDENDUM MBH ONE THOUSAND BTU PER HOUR OIL WASTE DROP RECTANGULAR EXHAUST/RELIEF AIR DUCT RISE AFF ABOVE FINISHED FLOOR MCF ONE THOUSAND CUBIC FEET AFUE ANNUAL FUEL UTILIZATION EFFICIENCY MD MOTORIZED DAMPER PD—PD—PUMP DISCHARGE ALT ALTERNATE MECH MECHANICAL DROP ROUND EXHAUST/RELIEF AIR DUCT RISE — — — — SANITARY VENT AP ACCESS PANEL MFR MANUFACTURER ARCH ARCHITECT/ARCHITECTURAL MIN MINIMUM **GRILLES, REGISTERS & DIFFUSERS SYMBOLS AND TAGS** BFF BELOW FINISHED FLOOR MISC MISCELLANEOUS SQUARE
SUPPLY DIFFUSER

SD1 400

10" / 24x24

22 | H-5/7/14 SHWR———SHWR———SOLAR HOT WATER RETURN BTU BRITISH THERMAL UNITS MU/A MAKE-UP/AIR SHWS—SOLAR HOT WATER SUPPLY BTUH BRITISH THERMAL UNITS PER HOUR NC NOISE CRITERIA 22 H-5/7/14 THROW-150FPM/ 100FPM/ 50FPM CAP CAPACITY NORMALLY CLOSED RD—RD—ROOF DRAIN THROW PATTERN CB CATCH BASIN NOT IN CONTRACT ROOF DRAIN OVERFLOW CFM CUBIC FEET PER MINUTE NUMBER MAX NC RATING CLG CEILING NORMALLY OPEN RECTANGULAR RECTANGULAR
SUPPLY DIFFUSER

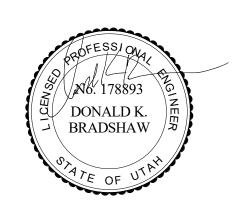
SG5 500
12"x10" CLEAN OUT NTS NOT TO SCALE RG15 500 6" / 24x24 DEGREE OXYGEN DB DRY BULB DCW DOMESTIC COLD WATER PRESSURE DROP —PIPE DROP DHW DOMESTIC HOT WATER POST INDICATOR VALVE PIPE RISE PLUG DIA DIAMETER PLBG PLUMBING RETURN GRILLE DN DOWN PRESS PRESSURE PIPE TEE -REDUCING 45 PRV PRESSURE REDUCING VALVE DW DISTILLED WATER DEGREE TEE PSI POUNDS PER SQUARE INCH EA EACH RECTANGULAR ---45 DEGREE TEE EAT ENTERING AIR TEMPERATURE PSIG POUNDS PER SQUARE INCH GAUGE SQUARE RECTANGULAR RETURN GRILLE ELEC ELECTRICAL PWR POWER EXHAUST GRILLE EXHAUST GRILLE EQUIP EQUIPMENT R DUCT RISER PIPE ACCESSORY TAGS EWC ELECTRIC WATER COOLER R/A RETURN AIR RCP RADIANT CEILING PANEL EWT ENTERING WATER TEMPERATURE **LINEAR DIFFUSER TAG** 2" M-CNTRL
MOTORIZED CONTROL VALVE E/A EXHAUST AIR **ROOF DRAIN** DOMESTIC WATER METER EXIST EXISTING RDO ROOF DRAIN OVERFLOW TYPE (SEE SCHEDULE)

LSD1 200

ACTIVE SLOT LENGTH (PLENUM LENGTH) F DEGREES FAHRENHEIT REC RECESSED 2" 3-WAY CNTRL 3 WAY MOTORIZED CONTROL FCO FLOOR CLEAN OUT RED REDUCER BALANCING VALVE 8' - 0"AFF NECK SIZE
ELEVATION (CENTER OF FACE) FD FLOOR DRAIN RH RELATIVE HUMIDITY RL/A RELIEF AIR 2" PRV
PRESSURE REDUCING VALVE FD FIRE DAMPER 6' - 0" SECTION TOTAL TRACK LENGTH FDV FIRE DEPARTMENT VALVE RM ROOM →o► 1/4 TURN BALL VALVE FL FLOOR FO FUEL OIL RPM REVOLUTIONS PER MINUTE 2" CHECK CHECK VALVE 3/8" SOLENOID
REFRIGERANT SOLENOID VALVE RAIN WATER FOV FUEL OIL VENT SQUARE FOOT DIFFUSER 2" TMV 3-WAY MIXING VALVE 2" BUTTERFLY
BUTTERFLY VALVE FOR FUEL OIL RETURN SUPPLY AIR FOS FUEL OIL SUPPLY SANITARY MECHANICAL EQUIPMENT TAGS SQUARE FOOT FPM FEET PER MINUTE HEATING FS FLOOR SINK SMOKE DAMPER FT FOOT/FEET SURFACE MOUNT 590 lb OPERATING WEIGHT FTR FIN TUBE RADIATION STANDPIPE NOT INCLUDING CURB GAL GALLON STATIC PRESSURE —DRAIN SIZE BOTTOM OF EQUIPMENT GC GENERAL CONTRACTOR STM STEAM RTU-XX FLOOR DRAIN 4" FD-1 TYPE (SEE SCHEDULE) 4" AD-6 AREA DRAIN 10' - 0" THERMOSTAT GPM GALLONS PER MINUTE ELEVATION-4.0 ton TD TRENCH DRAIN GW GREASE WASTE FLOOR DRAIN 4" FD-3P - INDICATES HB HOSE BIB HP HORSE POWER TDR TEMPERATURE DROP 4" DD-29 DECK DRAIN EXISTING EQUIPMENT **ROOFTOP UNIT** PRIMER CONNECTION TEMP TEMPERATURE NOMINAL COOLING TO REMAIN— E)VAV-XX FLOOR SINK 🖳 4" FS-4 TYP TYPICAL 4" RD-12 FLOW CONTROL HTG HEATING CAPACITY HTR HEATER UNDERGROUND RTU-XX HYD HYDRANT VAC VACUUM EXISTING RELOCATED FUEL INPUT 115000 Btu/h ID INDIRECT V VENT EQUIPMENT-8 WFU → FIXTURE UNITS (R)VAV-XX GAS PIPE FLOW → 115 CFH VAV VARIABLE AIR VOLUME IN INCH ROOF AREA 6" RD-1 COMBINATION DRAINS VENT VENTILATION **EQUIPMENT BY OTHERS** (REFER TO OTHER DISCIPLINE FOR ADDITIONAL INFORMATION) VTR VENT THROUGH ROOF LB POUND LB/HR POUNDS PER HOUR WASTE LAT LEAVING AIR TEMPERATURE WB WET BULB LP LOW PRESSURE WCO WALL CLEAN OUT PLUMBING FIXTURE TAGS LPG LIQUEFIED PETROLEUM GAS WH WALL HYDRANT DATA DEVICE TAGS TYPE (SEE SCHEDULE)-**HVAC SYMBOLS** EQUIPMENT ID CARBON DIOXIDE SENSOR CO2 TH RTU-XX TEMPERATURE & HUMIDITY SENSOR CARBON MONOXIDE SENSOR | CO | TS | VAV-XX TEMPERATURE SENSOR WATER CLOSET -WALL HUNG - ADA B MANUAL BALANCING DAMPER NITROGEN DIOXIDE SENSOR NO2 THERMOSTAT PIPE ACCESORY-HUMIDITY SENSOR HS MANUAL SWITCH $extstyle{*} ext{NOTE *}$ THE SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET MAY OR MAY NOT BE USED IN HUMIDISTAT SENSOR THIS SET OF DRAWINGS.

ARCHITECTS

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termountain Healthcare 10 - South Office Tower 10 - South Office Tower 10 - South Office Tower 11 - South Office Tower

NJRA Project # 21219.00 100% Construction Documents Apr 25, 2022 Title Sheet Revision

MECHANICAL TITLE SHEET

M000

FIRE PROTECTION GENERAL NOTES

- NO FIRE PROTECTION LINE SHALL BE DESIGNED OR INSTALLED PRIOR TO CLOSE COORDINATION WITH ALL OTHER DISCIPLINES. DUCTWORK, MECHANICAL PIPING AND PLUMBING TAKE SPACE PRECEDENCE OVER FIRE PROTECTION REMOVAL AND REINSTALLATION AT THE FIRE PROTECTION CONTRACTORS EXPENSE.
- 2. ALL WORK DONE SHALL BE PERFORMED WITH WATER CONTROL IN MIND. CONTAINMENT OF WATER IS NECESSARY TO PREVENT WATER FROM DAMAGING SURROUNDING AREA.
- 3. COORDINATE EXACT LOCATION OF PIPING WITH STRUCTURAL MEMBERS, LIGHTS, REFLECTED CEILING PLANS, CABLE TRAY, ELECTRICAL CONDUITS, DUCTWORK, MECHANICAL AND PLUMBING PIPING, AND ALL OTHER TRADES AND ALL EXISTING CONDITIONS.
- 4. FIRE SUPPRESSION CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE AND/OR REROUTE ANY AND ALL FIRE PROTECTION PIPING, VALVING, SUPPORTS OR SYSTEMS, OTHERWISE WITHIN THE FIRE SUPPRESSION DISCIPLINE REGARDLESS OF WHO INSTALLED THEM OR WHEN THEY WERE INSTALLED, IN ORDER TO ACCOMMODATE MECHANICAL, PLUMBING, ELECTRICAL OR OTHER SYSTEMS. COORDINATE WORK WITH MECHANICAL, ELECTRICAL, PLUMBING OR OTHER CONTRACTORS UNTIL SUBSTANTIAL COMPLETION OF PROJECT.
- 5. PROVIDE ALTERATIONS TO THE EXISTING FIRE PROTECTION SYSTEM AS REQUIRED TO ACCOMMODATE THE NEW FLOOR PLAN AND NEW CEILING TYPES. PROVIDE A COMPLETE WET TYPE SYSTEM INCLUDING NEW MAINS, BRANCHES, HEADS, VALVES, AND ACCESSORIES AS REQUIRED. REUSE EXISTING SYSTEM EQUIPMENT WHERE APPLICABLE. THE SYSTEM SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS AND AS PER REQUIREMENTS OF THE STATE BUILDING CODE, LOCAL FIRE DEPARTMENT, AND ALL FEDERAL, STATE, AND LOCAL AUTHORITIES, NFPA, AND FACTORY MUTUAL.
- 6. THE BUILDINGS COMPLETE OPERATIONAL FIRE PROTECTION SYSTEMS SHALL REMAIN IN PLACE.
 THIS CONTRACTOR SHALL REPAIR ANY DAMAGE TO THIS SYSTEM CREATED BY THE REMOVAL OF
 ANY OTHER MECHANICAL SYSTEMS OR COMPONENTS.
- 7. THIS CONTRACTOR SHALL COORDINATE PHASING OF SPRINKLER WORK WITH THE GENERAL CONTRACTOR PRIOR TO STARTING WORK.
- 8. PROVIDE A COMPLETE WET TYPE FIRE PROTECTION SYSTEM AS REQUIRED TO ACCOMMODATE THE FLOOR PLAN AND CEILING TYPES INCLUDING MAINS, BRANCHES, HEADS, VALVES, AND ACCESSORIES AS REQUIRED. THE SYSTEM SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS OF THE STATE BUILDING CODE, LOCAL FIRE DEPARTMENT, AND ALL FEDERAL, STATE, AND LOCAL AUTHORITIES, NFPA, AND FACTORY MUTUAL.
- 9. THE SPRINKLER SYSTEM SHALL BE DESIGNED BASED UPON ACTUAL WATER FLOW TEST DATA OBTAINED AT OR NEAR THE JOB SITE.
- 10. REFER TO REFLECTED CEILING PLANS FOR ADDITIONAL INFORMATION REGARDING SPRINKLER HEAD LOCATION AND PIPE, UNLESS NOTED OTHERWISE.
- 11. DIVISION 21 CONTRACTOR SHALL COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR PROPER INSTALLATION OF THE FIRE PROTECTION SYSTEMS ALARM DEVICES INVOLVED WITH FIRE SPRINKLER SYSTEM.
- 12. ALL SPRINKLER SYSTEM PIPING SHALL BE CONCEALED ABOVE THE SUSPENDED CEILING SYSTEM, UNLESS NOTED OTHERWISE. WRITTEN AUTHORIZATION SHALL BE OBTAINED FROM THE ARCHITECT PRIOR TO EXPOSING ANY PIPING IN ANY ROOM WHICH HAS A SUSPENDED CEILING.
- 13. THIS CONTRACTOR SHALL PROVIDE ALL ADDITIONAL SPRINKLER HEADS AS REQUIRED TO ENSURE AN APPROVED FIRE PROTECTION SYSTEM AT NO ADDITIONAL COST TO THE OWNER.
- 14. AUXILIARY DRAINS SHALL BE EXPOSED WITH 1" DRAIN VALVES. WHEN 5 OR MORE GALLONS ARE TRAPPED, THIS CONTRACTOR SHALL PROVIDE FIXED PIPING TO AN ADEQUATELY SIZED RECEPTOR WHICH IS CAPABLE OF ACCEPTING THE FULL FLOW OF THE DRAIN. WHEN LESS THAN 5 GALLONS ARE TRAPPED, A HOSE BIB SHALL BE PROVIDED AT THE DRAIN VALVE.
- 15. AUXILIARY DRAINS SHALL NOT BE LOCATED ABOVE PLASTER OR GYPSUM BOARD CEILING SYSTEMS. ONLY BY A SPECIFIC WRITTEN INSTRUCTION FROM THE ENGINEER WILL A VARIANCE BE PROVIDED.
- 16. AN INSPECTOR'S TEST CONNECTION SHALL BE PROVIDED FOR EACH FIRE SPRINKLER ZONE. THIS CONTRACTOR SHALL PROVIDE FIXED PIPING FROM THE TEST CONNECTION TO AN ADEQUATELY SIZED RECEPTOR WHICH IS CAPABLE OF ACCEPTING THE FULL FLOW OF THE TEST. (EXTERIOR DISCHARGE OF THE TEST CONNECTION SHALL BE PERMITTED ONLY BY SPECIFIC WRITTEN INSTRUCTION FROM THE ENGINEER.)
- 17. SHOW ALL ROOM NUMBERS ON SHOP DRAWING PLANS.
- 18. FLOW TEST DATA FROM #/#/# INDICATES THE FOLLOWING: STATIC PRESSURE # PSI. RESIDUAL PRESSURE: # PSI AT ## GPM. THE HYDRANTS TESTED ARE APPROXIMATELY ### FEET AWAY FROM THE CENTER OF THE SITE LOCATED OFF THE ##" WATER MAIN IN ## STREET AT AN ELEVATION OF ### FEET ABOVE SEA LEVEL. SEE CIVIL PLANS FOR HYDRANT LOCATION. THE CONTRACTOR SHALL PERFORM A FIRE FLOW TEST IN ACCORDANCE WITH NFPA 291 TO VERIFY THE FLOW TEST DATA GIVEN ABOVE. THE DATA GIVEN ABOVE SHALL BE THE BASIS OF DESIGN UNLESS THE AVAILABLE PRESSURE OR FLOW HAS DECREASED. NOTIFY OWNERS REPRESENTATIVE IF FLOW TEST DATA DIFFERS FROM THE DATA ABOVE. A FIRE PROTECTION ENGINEER OR AN ENGINEER EXPERIENCED IN WATER FLOW TESTING SHALL PERFORM OR WITNESS THE REQUIRED FLOW TESTING AND SIGN THE REPORT PRIOR TO THE FIRST SPRINKLER SYSTEM SUBMITTAL.
- 19. ROUTE SPRINKLER PIPING SUCH THAT IT DOES NOT RUN ABOVE ELECTRICAL PANELS, SWITCHGEAR, OR SIMILAR EQUIPMENT. SPRINKLER MAINS SHALL NOT RUN THROUGH ELECTRICAL OR COMMUNICATION ROOMS. SPRINKLER HEADS IN THESE ROOMS SHALL BE SERVED BY A DEDICATED BRANCH LINE FOR EACH ROOM. BRANCH LINE TO ENTER ROOM ABOVE DOOR.
- 20. THIS DRAWING INDICATES A GENERAL PIPING ARRANGEMENT AND SUGGESTED SIZING ONLY. THIS CONTRACTOR SHALL DETERMINE THE ACTUAL PIPE SIZING REQUIRED AND COORDINATE WORK WITH ALL OTHER TRADES TO AVOID CONFLICTS.
- 21. THIS CONTRACTOR SHALL PREPARE HYDRAULIC CALCULATIONS BASED UPON THE CONFIGURATION OF THE ACTUAL SYSTEM DESIGN AS SHOWN ON THIS CONTRACTOR'S SHOP DRAWINGS.

PLUMBING GENERAL NOTES

- 1. UNLESS OTHERWISE NOTED, SLOPE PIPE AS FOLLOWS: WASTE BRANCHES: 1/4" PER FOOT; WASTE MAINS: 1/4" PER FOOT; ROOF DRAIN/ROOF DRAIN OVERFLOW: 1/8" PER FOOT. VERIFY ALL SLOPING
- 2. ALL WORK DONE SHALL BE PERFORMED WITH WATER CONTROL IN MIND. CONTAINMENT OF WATER IS NECESSARY TO PREVENT WATER FROM DAMAGING AREAS ON FLOORS BELOW.
- 3. PLUMBING DRAWINGS ARE SCHEMATIC IN NATURE. FIELD VERIFY EXACT PIPE ROUTING AND
- 4. ALL PIPING IN PLUMBING CHASES SHALL BE ARRANGED TO ALLOW MAINTENANCE ACCESS.
- 5. NO PIPING TO RUN OVER ELECTRICAL PANELS, VFD'S OR MCC'S. PROTECT EQUIPMENT WITH A 42" DEEP ZONE IN FRONT OF PANELS, VFD'S, AND MCC'S.
- COORDINATE FAN ROOM FLOOR DRAIN AND FLOOR SINK LOCATIONS WITH COOLING COIL, EVAPORATIVE SECTION, AND HEATING COIL LOCATIONS.
- 7. CONTRACTOR TO PROVIDE VALVE IDENTIFICATION AND LOCATION ON ALL CEILING TILES WHERE VALVES ARE LOCATED.
- 8. PIPING AND ROUTING SHOWN, INCLUDING ALL BELOW FLOOR DECK PIPING IS APPROXIMATE. IT IS UP
- TO THE CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION AND SIZE OF ALL PIPING.

 9. REFER TO ARCHITECTURAL DRAWINGS FOR FIXTURE MOUNTING HEIGHTS, DIMENSIONS AND OTHER
- REQUIREMENTS.

 10. CONTRACTOR TO VERIFY CONNECTION SIDE OF ADA FIXTURES AND ADJUST ACCORDINGLY. INSTALL
- FLUSH VALVES HANDLES ON WIDE SIDE OF ALL FIXTURES.

 11. LOCATE ALL VENTS MINIMUM 25' AWAY FROM AIR INTAKES.
- 12. INSTALL ALL DOMESTIC WATER LINES BELOW DUCTWORK.

COORDINATE WITH ALL OTHER TRADES.

- 13. INSTALL A 24" X 24" ACCESS DOOR BELOW ALL ISOLATION VALVES, BALANCING VALVES AND WATER HAMMER ARRESTORS WHERE MOUNTED ABOVE HARD CEILINGS.
- 14. MOUNT ALL ISOLATION VALVES, CONTROL VALVES, BALANCING VALVES, ETC. NEAR CEILING HEIGHT
- 15. INSTALL ALL EQUIPMENT WITH SUFFICIENT CLEARANCE FOR MAINTENANCE PER MANUFACTURERS
- RECOMMENDATION.
- 17. COORDINATE THE LOCATION OF THE FLOOR DRAIN, SHOWER DRAIN, OR FLOOR SINK WITH
- ARCHITECTURAL AND STRUCTURAL, TYPICAL.

16. COORDINATE ALL FLOOR PENETRATIONS WITH STRUCTURAL AND PROVIDE SLEEVES AS

- 18. SEE PLUMBING FIXTURE SCHEDULE FOR PIPE SIZES OF WASTE, VENT AND DOMESTIC WATER TO/FROM SINGLE FIXTURE.
 19. HOSE BIBBS SHOWN AT LAVATORIES ARE TO BE MOUNTED AT AN ACCESSIBLE LOCATION UNDER
- 20. LOCATE CIRCUIT SETTERS, VALVES, WATER HAMMER ARRESTORS, ETC. IN ACCESSIBLE LOCATIONS. PROVIDE 24" X 24" ACCESS PANEL WHERE ITEM IS LOCATED ABOVE A HARD CEILING. PROVIDE APPROPRIATELY SIZED ACCESS DOORS TO ANY OF THESE ITEMS INSTALLED IN A WALL.
- COORDINATE ACCESS DOOR SIZE, LOCATION, AND STYLE WITH ARCHITECT.

 21. FIELD VERIFY LOCATION AND INVERTS OF SITE UTILITIES PRIOR TO INSTALLATION.
- CONNECTIONS AS REQUIRED FOR PROPERLY OPERATING SYSTEMS.

 23. WASTE AND VENT PIPING BELOW FLOOR AND THROUGH FLOOR TO BE 2" MINIMUM.

22. FIELD VERIFY ALL NEW WATER, WASTE AND VENT PIPING CONNECTIONS AND PROVIDE NEW

- 24. INSTALL CLEANOUTS IN DRAIN PIPING AS INDICATED, AND WHERE NOT INDICATED, ACCORDING TO THE FOLLOWING.
 - A. SIZE SAME AS DRAINAGE PIPING UP TO 4" NPS. USE 4" NPS FOR LARGER. DRAINAGE PIPING UNLESS LARGER CLEANOUT IS INDICATED.
 - B. LOCATE AT MINIMUM INTERVALS OF 50 FT FOR PIPING 4" NPS AND SMALLER AND 100 FT FOR
 - C. LOCATE AT THE BASE OF EACH VERTICAL STACK.

LARGER PIPING.

MEDICAL GAS GENERAL NOTES

- 1. MEDICAL GAS PIPING IS TO BE RUN ABOVE THE CEILING, UNLESS NOTED OTHERWISE.
- 2. MEDICAL GAS PIPING IS SCHEMATIC IN NATURE. FIELD VERIFY EXACT PIPE ROUTING AND COORDINATE WITH ALL OTHER TRADES.
- 3. MOUNT ALL SERVICE VALVES NEAR CEILING HEIGHT FOR ACCESSIBILITY.
- ALL SERVICE VALVES SHALL BE LOCKABLE. PROVIDE FRANGIBLE LOCK FOR ALL SERVICE VALVES.
 ALL ZONE VALVE BOXES REQUIRE SOURCE AIR FROM LEFT SIDE AND CONTROLLED AIR FROM RIGHT

MECHANICAL GENERAL NOTES

- 1. COORDINATE EXACT PLACEMENT OF DIFFUSERS, GRILLES AND REGISTERS WITH ARCHITECTURAL REFLECTED CEILING PLAN, TYPICAL.
- 2. SEE DETAIL FOR DIFFUSER CONNECTIONS TO DUCTWORK, TYPICAL.
- 3. BRANCH DUCTWORK SHALL BE SIZED TO MATCH THE NECK INLET SIZE OF THE DIFFUSERS, REGISTER OR GRILLE IT SERVES UNLESS NOTED OTHERWISE, TYPICAL.
- 4. COORDINATE EXACT MOUNTING LOCATION OF ALL THERMOSTATS WITH LATEST REVISION OF ARCHITECTURAL ELEVATION AND FURNISHINGS PLANS, TYPICAL.
- 5. THE MECHANICAL CONTRACTOR SHALL PROVIDE FIRE, SMOKE OR COMBINATION FIRE/SMOKE DAMPERS AT ALL LOCATIONS SHOWN ON THE CONTRACT DOCUMENTS AND AS REQUIRED TO MEET THE INTEGRITY OF ALL SMOKE AND FIRE PARTITIONS. THE CONTRACTOR SHALL REFER TO THE LATEST ARCHITECTURAL LIFE SAFETY PLANS FOR ALL FIRE AND SMOKE PARTITION LOCATIONS. DAMPERS ARE TO BE PROVIDED WITH SHUTOFF/TEST SWITCH AT EACH LOCATION.
- 6. PROVIDE AND INSTALL TURNING VANES IN ALL SQUARE LOW PRESSURE DUCTWORK AT ELBOWS OR TEES, TYPICAL.
- 7. INSTALL ALL TERMINAL BOXES IN EASILY ACCESSIBLE AND SERVICEABLE LOCATIONS, MEETING ALL MANUFACTURERS REQUIRED CLEARANCES ON EACH SIDE, SEE DETAILS, TYPICAL.
- 8. DUCTWORK SIZES SHOWN ARE INSIDE CLEAR DIMENSIONS. REFER TO MECHANICAL SPECIFICATIONS FOR EXTENT OF DUCT INSULATION AND LINER AND ADJUST SHEET METAL DIMENSION.
- PROVIDE AND INSTALL REMOTE DAMPER OPERATORS FOR ALL DAMPERS INSTALLED ABOVE INACCESSIBLE CEILING, SEE MECHANICAL SPECIFICATIONS FOR EQUIPMENT REQUIREMENTS, TYPICAL
- 10. PROVIDE AND INSTALL HIGH EFFICIENCY TAKE-OFF FITTINGS AND BALANCING DAMPER AT ALL BRANCH CONNECTIONS TO LOW PRESSURE DUCTWORK. PROVIDE BALANCING DAMPERS AT EACH BRANCH TAKE OFF TO SERVE DIFFUSER OR GRILLE AS WELL AS WHERE INDICATED.
- 11. PROVIDE AND INSTALL HIGH EFFICIENCY OR CONICAL TAKE-OFFS AT ALL BRANCH CONNECTIONS TO MEDIUM PRESSURE DUCTWORK.
- 12. WHERE DUCTWORK CROSSES, SUPPLY DUCTWORK IS USUALLY BELOW RETURN AND EXHAUST DUCT. RETURN DUCTWORK IS USUALLY BELOW EXHAUST DUCTS.

13. AT LOCATIONS WHERE DIFFUSERS OR GRILLES ARE UNDER DUCTWORK, CONTRACTOR TO

FABRICATE TRANSITION BOOT FROM FLEX CONNECTION TO DIFFUSER OR GRILLE WITH BALANCING DAMPER, TYPICAL.
 14. THE MECHANICAL CONTRACTOR SHALL PROVIDE CEILING MOUNTED ACCESS DOORS FOR ALL FIRE, SMOKE AND COMBINATION FIRE/SMOKE DAMPERS INSTALLED ABOVE INACCESSIBLE CEILING. FIELD

VERIFY EXACT INSTALLATION LOCATIONS PRIOR TO COMMENCING WORK AND COORDINATE

INSTALLATIONS WITH LATEST ARCHITECTURAL REFLECTED CEILING PLANS.

- 15. ALL VAV BOXES TO HAVE REHEAT COILS, EXCEPT AS NOTED. PROVIDE EQUIPMENT TAG TO MATCH SCHEDULE. PROVIDE A MINIMUM OF TWO DUCT DIAMETERS OF STRAIGHT ROUND DUCT TO INLET OF
- VAV BOX. BOX SHALL BE HARD CONNECTED (CONICAL) TO MEDIUM PRESSURE DUCT, TYPICAL.

 16. PROVIDE ACCESS DOORS TO ACCESS VAV BOX CONTROLS ABOVE HARD CEILINGS. PROVIDE
- MINIMUM 24" X 24".

 17. FLEX DUCT IS REQUIRED FOR ALL DIFFUSERS AND GRILLES INSTALLED IN LAY-IN CEILINGS. FOR DIFFUSERS AND GRILLES IN HARD LID CEILINGS, THE DUCTWORK SHALL BE EXTENDED ALL THE WAY
- TO THE DIFFUSER AND SHALL BE CONNECTED WITH A HARD CONNECTION OR A FLEX DUCT CONNECTION WITH A MUD RING AND LAY-IN DIFFUSER AS SHOWN ON PLANS.
- 18. THE CONTRACTOR SHALL INFORM THE DESIGNER OF ANY PROPOSED DEVIATIONS FROM THE CONTRACT DOCUMENTS.
 19. PROVIDE ACCESS TO ALL TEMPERATURE CONTROLS ABOVE CEILING. LOCATE IN ACCESSIBLE
- LOCATION. WHERE THERE ARE HARD CEILINGS THE CONTRACTOR SHALL PROVIDE 24" X 24" ACCESS DOOR.
- 20. SUPPLY AND RETURN PIPING TO COILS ARE THE SAME SIZE.
- 21. CONTRACTOR SHALL LOCATE THERMOSTATS AND TEMPERATURE SENSORS AT 5'-0" AFF, A MINIMUM OF 8" FROM LIGHT SWITCH, UNLESS OTHERWISE NOTED ON THE ARCHITECT'S ELEVATIONS. COORDINATE EXACT LOCATIONS WITH ARCHITECT.
- 22. REFER TO MECHANICAL PIPING OR ZONING DRAWINGS FOR THERMOSTAT AND TEMPERATURE SENSOR LOCATIONS.
- 23. CONDENSATE DRAINS SHALL BE SUPPLIED FOR ALL COOLING EQUIPMENT. CONTRACTOR SHALL ENSURE PROPER INSTALLATION AND DRAINAGE AS REQUIRED BY FEDERAL, STATE, AND LOCAL CODES. CONDENSATE PIPINE SHALL BE TYPE "L" COPPER UNLESS OTHERWISE NOTED IN THE SPECIFICATIONS.
- 24. PROVIDE A 4" HOUSEKEEPING PAD FOR EACH PIECE OF MECHANICAL EQUPMENT THAT IS FLOOR MOUNTED. COORDINATE SIZES WITH MECHANICAL EQUIPMENT SELECTED.
- 25. ALL SUPPLY, RETURN, AND EXHAUST DUCTWORK SHALL BE RATED FOR PRESSURE CLASS OF 2" W.G.
- 26. THIS CONTRACTOR SHALL BE REQUIRED TO REPLACE FILTERS ON HVAC EQUIPMENT AFTER ALL DUST PRODUCING CONSTRUCTION HAS BEEN COMPLETED AND PRIOR TO THE FINAL PUNCH.

UNLESS NOTED OTHERWISE ON THE PLANS OR IN THE SPECIFICATIONS.

TIGHT TO UNDERSIDE OF STRUCTURE.

MECHANICAL PIPING GENERAL NOTES

- PROVIDE ALL MATERIALS AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL
 COMPLETE AND OPERABLE PIPING SYSTEMS AS INDICATED ON THE DRAWINGS, AS SPECIFIED AND
 AS REQUIRED BY CODE.
- 2. UNLESS OTHERWISE NOTED: ALL MECHANICAL PIPING IS OVERHEAD TO RUN ABOVE DUCTWORK AND
- 3. INSTALL PIPING SO THAT ALL VALVES, STRAINERS, UNIONS, TRAPS, FLANGES, AND OTHER APPURTENANCES REQUIRING ACCESS ARE ACCESSIBLE.
- 4. ALL VALVES SHALL BE INSTALLED SO THAT VALVES REMAINS IN SERVICE WHEN EQUIPMENT OR PIPING ON EQUIPMENT SIDE OF VALVE IS REMOVED.
- 5. PROVIDE AIR VENT AT HIGH POINT OF EACH DROP IN THE HEATING AND CHILLED WATER PIPING
- ALL VALVES SHALL BE ADJUSTED FOR SMOOTH AND EASY OPERATION AND TAGGED.
 PROVIDE ISOLATION VALVES AT EACH EXIST/ENTRANCE INTO SHAFT WHETHER OR NOT SHOWN.
- 8. COORDINATE LOCATION OF THERMOSTAT WITH ARCHITECTURAL FURNISHING PLANS. MOUNT THERMOSTAT AT HEIGHT AS SPECIFIED ON ARCHITECTURAL PLANS OR SPECIFICATIONS.

PROJECT GENERAL NOTES

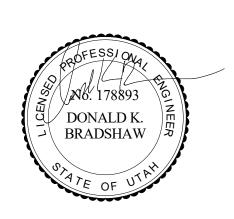
- THE PROJECT GENERAL NOTES APPLY TO ALL DISCIPLINES.
- 2. REMOVE ALL UNUSED PIPING, DUCTWORK, EQUIPMENT, AND ACCESSORIES.
- 3. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING CONDITIONS FOR PLUMBING AND MECHANICAL SYSTEMS WITHIN THE TENANT SPACE AND WITHIN CLOSE PROXIMITY TO THE TENANT SPACE. THE CONTRACTOR WILL FIELD VERIFY AS MUCH AS IS REASONABLE BEFORE THE FINAL BID. AFTER THE FINAL BID THE CONTRACTOR WILL NOTIFY THE OWNER, ARCHITECT, AND MECHANICAL DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF EXISTING CONDITIONS THAT MAY AFFECT THE DESIGN.
- 4. THE MECHANICAL CONTRACTOR SHALL PERFORM SERVICE AND REPAIR ON THE EXISTING EQUIPMENT AND ITS ACCESSORIES AS FOLLOWS: CLEAN ALL COILS, REPLACE THE FILTERS AND BELTS, INSPECT, REPAIR, OR REPLACE THE ECONOMIZERS, DRIVERS AND FAN BEARINGS, MOTORS, CONTROL COMPONENTS, VALVES, AND ANY OTHER ITEM NECESSARY FOR A COMPLETE AND PROPER OPERATING SYSTEM. THIS CONTRACTOR SHALL ALSO VISIT THE SITE, PRIOR TO FINAL BIDDING, AND VERIFY ALL EXISTING SITE CONDITIONS. PROVIDE ALL MATERIAL AND COMPONENTS AS NEEDED TO BRING THE UNITS TO FULL COMPLIANCE OF THE LANDLORD'S CRITERIA AND LOCAL AUTHORITY HAVING JURISDICTION.
- 5. WHERE FLOOR DRAINS OCCUR WITH THE LIMITS OF CONSTRUCTION, PREVENT CONSTRUCTION DEBRIS FROM ENTERING DRAIN BODY BY SEALING DRAIN OPENING PRIOR TO START OF WORK. UNSEAL DRAINS AT COMPLETION OF CONSTRUCTION.
- 6. COORDINATE INSTALLATION OF PIPING, DUCTWORK, CONDUIT, LIGHTS, CABLE TRAY, STRUCTURE, EQUIPMENT, CEILINGS, ARCHITECTURAL COMPONENTS, AND ANYTHING ELSE PERTAINING TO THE PROJECT TO PREVENT CONFLICTS.
- 7. THE CONTRACTOR SHALL BE FAMILIAR WITH ALL THE CONDITIONS BOTH EXISTING AND THOSE ILLUSTRATED BY THESE DOCUMENTS AND THOSE OF OTHER DISCIPLINES, INCLUDING, BUT NOT LIMITED TO ARCHITECTURAL, CIVIL, ELECTRICAL, VENTILATION, PLUMBING, AND OTHER SYSTEMS INVOLVED ON THIS PROJECT.
- 8. FINAL PRODUCT SHALL BE A COMPLETE AND FUNCTIONING SYSTEM, AND SHALL CONFORM TO ALL REQUIREMENTS OF APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING BUT NOT LIMITED TO THE INTERNATION BUILDING CODE, INTERNATIONAL MECHANICAL CODE, AND INTERNATIONAL PLUMBING CODE.
- 9. LOCATE EQUIPMENT REQUIRING ACCESS 2'-0" MAXIMUM ABOVE CEILING.
- 10. ALL ROOF MOUNTED EQUIPMENT SHALL BE A MINIMUM 10'-0" FROM EDGE OF ROOF.
- 11. COORDINATE INSTALLATION OF DUCTWORK, PIPING AND MECHANICAL EQUIPMENT WITH NEC CLEARANCES INCLUDING THE SPACE ABOVE ELECTRICAL PANELS, TRANSFORMERS AND OTHER ELECTRICAL EQUIPMENT. NO PIPING OR DUCTWORK TO RUN OVER ELECTRICAL PANELS, VFD'S OR MCC'S. PROTECT EQUIPMENT WITH A 42" DEEP ZONE IN FRONT OF PANELS, VFD'S AND MCC'S. PROVIDE PANS IF REQUIRED UNDER PIPING.
- 12. FIRE SEAL AROUND DUCT AND PIPING PENETRATIONS OF FIRE RATED WALLS. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CAULKING AND SEALING ALL PENETRATIONS IN FIRE AND SMOKE RATED PARTITIONS TO MAINTAIN RATINGS. REFER TO SPECIFICATION.
- 13. PROVIDE SLEEVES AND/OR OPENINGS TO RUN PIPES AND DUCTS THROUGH FOUNDATIONS, FLOORS,
- 14. TRANSITION PIPING AND DUCTWORK SIZES TO MATCH THE SIZE OF EQUIPMENT CONNECTION.
- 15. REFER TO PLUMBING SERIES DRAWINGS FOR GAS PIPING.
- 16. ALL PIPE AND DUCT SIZES SHOWN SHALL BE CONTINUED IN THE DIRECTION OF FLOW UNTIL ANOTHER SIZE IS SHOWN.
- 17. FOR DETAILS, EQUIPMENT CONNECTIONS, AND PIPE SIZES NOT SHOWN ON THE SEGMENTS, REFER TO DETAILS, SCHEDULES, AND SPECIFICATIONS.
- 18. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THE RESPECTIVE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS, AT A LEVEL OF WORKMANSHIP CONSISTENT WITH THE
- 19. MECHANICAL CONTRACTOR SHALL ENSURE THAT ALL EQUIPMENT IS PROVIDED AND INSTALLED WITH CLEARANCES PER MANUFACTURERS RECOMMENDATIONS. THE CONTRACTOR SHALL MAINTAIN PROPER SERVICE SPACE FOR COIL PULLS. BAS DEVICES. MAINTENANCE ACCESS. ETC.
- 20. INSTALL EXPOSED PIPING AND DUCTWORK AS HIGH AS PRACTICAL IN ROOMS WITHOUT CEILINGS.
- 21. LOCATIONS OF PIPING, DUCTWORK AND EQUIPMENT AS INDICATED ON THE DRAWING, ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENTS IN THE FIELD, INCLUDING, BUT NOT LIMITED TO, OFFSETS AND TRANSITIONS. NEW DUCTWORK, PIPING AND EQUIPMENT SHALL BE COORDINATED WITH STRUCTURE, LIGHTS, REFLECTED CEILING PLANS, CABLE TRAY, ELECTRICAL CONDUIT, PLUMBING, MECHANICAL AND FIRE PROTECTION PIPING, MEDICAL GASES, ALL OTHER TRADES AND ALL OTHER EXISTING CONDITIONS TO AVOID INTERFERENCE IN THE FIELD.
- 22. THE CONTRACTOR SHALL INFORM THE DESIGNER OF ANY PROPOSED DEVIATIONS FROM THE CONTRACT DOCUMENTS.
- 23. IF CONTRACTOR ENCOUNTERS MATERIAL WHICH MAY CONTAIN ASBESTOS, IMMEDIATELY STOP WORK IN THIS AREA AND NOTIFY THE OWNER.
- 24. DETAILS REFERENCE ALL SHEETS.
- 24. DETAILS REFERENCE ALL SHEETS.25. INSTALL ALL PIPING AND DUCTWORK WITHOUT FORCING OR SPRINGING.
- 26. ROUTE DOMESTIC WATER, FIRE PROTECTION, SANITARY WASTE, ROOF DRAIN, CAMPUS CHILLED OR HOT WATER, AND ANY OTHER UTILITY SERVICES TO SITE UTILITIES 5'-0" FROM BUILDING UNLESS NOTED OTHERWISE. REFER TO CIVIL PLANS.
- 27. LOCATE VALVING, ACCESSORIES, AND EQUIPMENT IN ACCESSIBLE LOCATIONS. WHERE LOCATED ABOVE HARD CEILING PROVIDE AN ACCESS DOOR IN CEILING. MINIMUM ACCESS DOOR SIZE OF 24" X 24". COORDINATE EXACT LOCATION AND STYLE WITH ARCHITECT. EQUIPMENT SHALL BE LOCATED IN THE CEILING CAVITY SO IT CAN BE SAFELY SERVICED FROM SOMEONE STAND ON A LADDER PLACED BELOW THE CEILING ACCESS.
- 28. WHERE VALVING, ACCESSORIES, OR EQUIPMENT IS LOCATED IN A WALL, PROVIDE AN APPROPRIATELY SIZED ACCESS DOOR. COORDINATE ACCESS DOOR SIZE, LOCATION, AND STYLE
- 29. CONTRACTOR TO PROVIDE VALVE IDENTIFICATION AND LOCATION ON ALL CEILING TILES WHERE VALVES ARE LOCATED.

* NOTE *

ALL OF THE GENERAL NOTES ON THIS SHEET ARE TO BE APPLIED TO ALL OTHER DRAWINGS IN THIS SET



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NJRA Project #

MECHANICAL GENERAL

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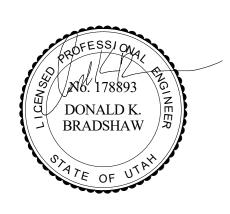
M001

NOTES

 NEW THERMOSTAT. COORDINATE EXACT PLACEMENT OF THERMOSTAT WITH ARCHITECTURAL ELEVATIONS, TYPICAL.
 SOLID LINE INDICATES THERMAL ZONE BOUNDARIES.



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Neurosurgery Clinic Expansion

KEY PLAN

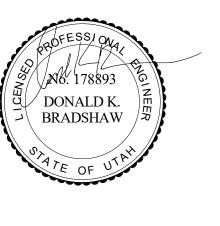
LEVEL 9 THERMAL ZONE PLAN

M011

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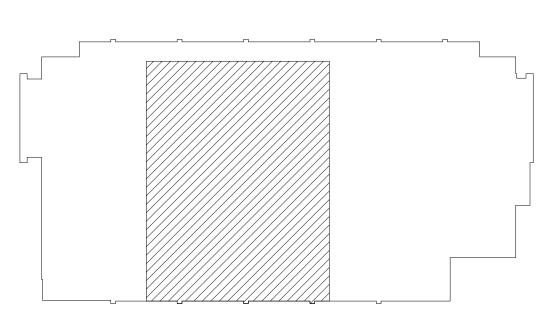
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KEY PLAN



LEVEL 9 MECHANICAL DEMOLITION PLAN

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MD101

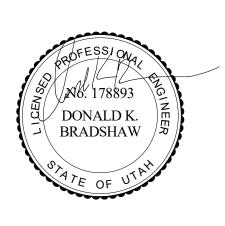
ID=72/12 OD=75/F6 BOD=9'-F9" 1 LEVEL 1 HVAC DEMOLITION PLAN

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

1 EXISTING SHOWN LIGHT TO REMAIN. ITEMS CROSSED OUT TO BE REMOVED. CAP ALL UNUSED PIPING. FIELD VERIFY EXISTING CONDITIONS. TYPICAL.



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LEVEL 9
MECHANICAL
PIPING
DEMOLITION
PLAN

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LEVEL 9 MECHANICAL PIPING

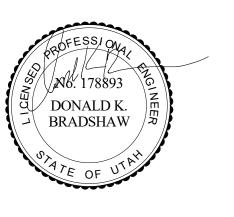
1 DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

- EXISTING SHOWN LIGHT TO REMAIN. NEW WORK SHOWN DARK. FIELD VERIFY EXISTING CONDITIONS. TYPICAL.
 CONNECT TO EXISTING DUCT AT APPROXIMATELY THIS POINT. FIELD VERIFY.
- CONNECT TO EXISTING DUCT AT APPROXIMATELY THIS POINT. FIELD VERIFY. TYPICAL.
- 3 NEW VAV BOX. PROVIDE CLEAR ACCESS TO SIDE OF CONTROLS. SEE DETAILS FOR PIPING. TYPICAL.
- 4 CONNECT TO EXISTING EXHAUST DUCT AT APPROXIMATELY THIS POINT. FIELD VERIFY. REBALANCE EXHAUST FAN TO MATCH CFM SHOWN.
 5 PROVIDE 22/10 SOUND BOOT ON RETURN GRILLE. SEE MECHANICAL DETAILS.
- 6 TRANSFER AIR BOOT. SEE MECHANICAL DETAILS. TYPICAL.

TYPICAL.



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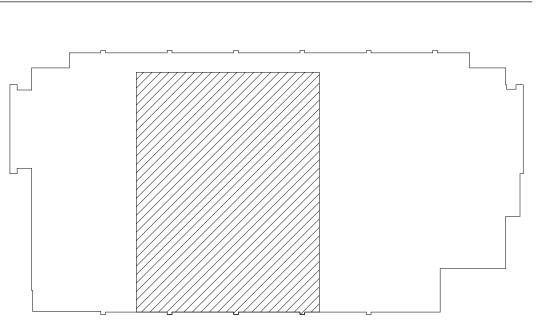




MC - South Office Tower

Neurosurgery Clinic Expansion

KEY PLAN



LEVEL 9 HVAC PLAN

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M101

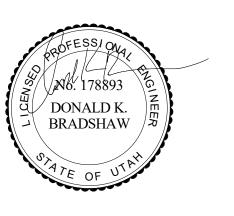
EXISTING SHOWN LIGHT TO REMAIN. NEW WORK SHOWN DARK. FIELD VERIFY EXISTING CONDITIONS. TYPICAL.

RELOCATE THERMOSTAT FOR EXISTING VAV BOX TO POSITION SHOWN.

NEW THERMOSTAT. COORDINATE EXACT PLACEMENT OF THERMOSTAT WITH ARCHITECTURAL ELEVATIONS, TYPICAL.
PROVIDE 2-WAY CONTROL VALVE ON VAV BOX PIPING. SEE DETAILS. TYPICAL UNLESS OTHERWISE NOTED.



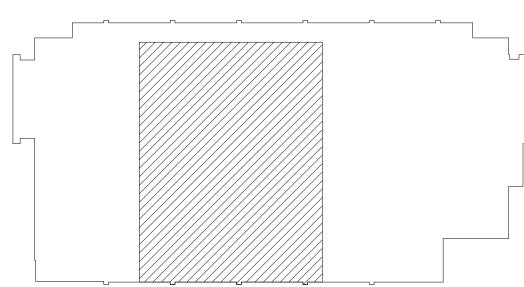
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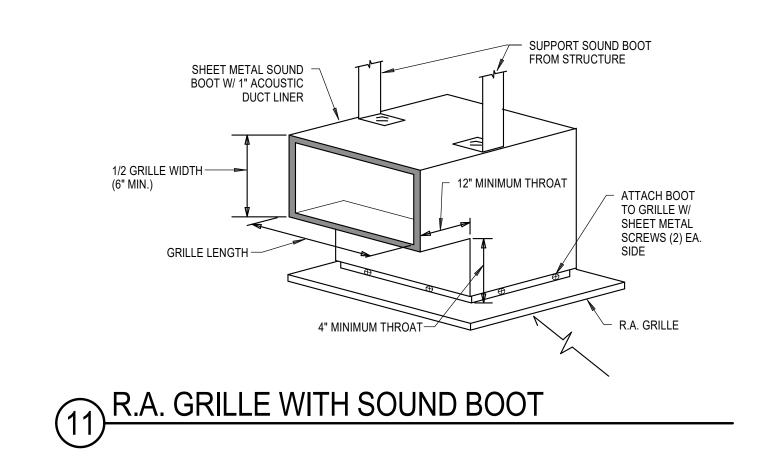


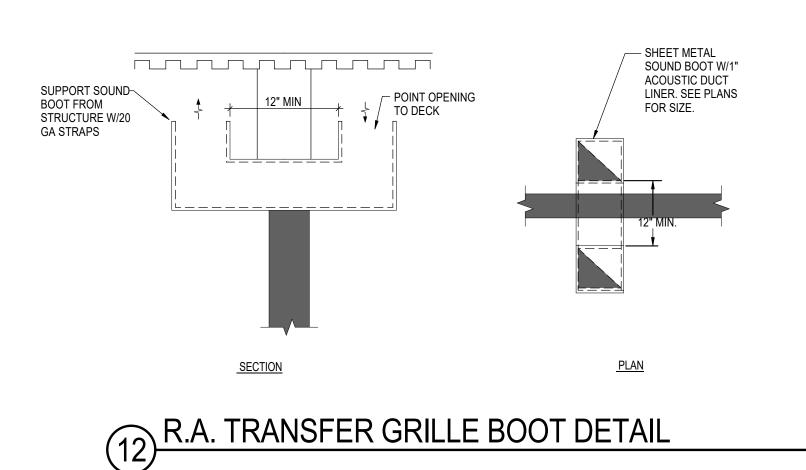
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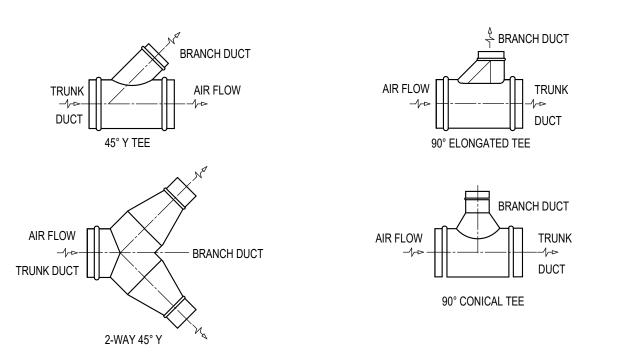
KEY PLAN



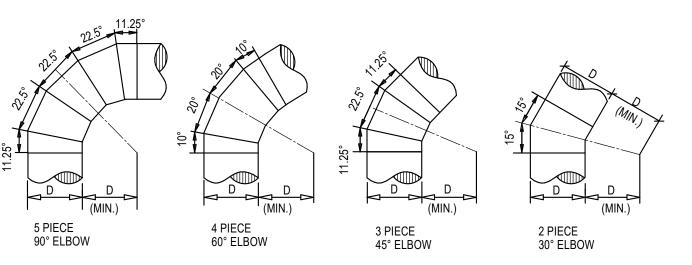
LEVEL 9 MECHANICAL PIPING PLAN



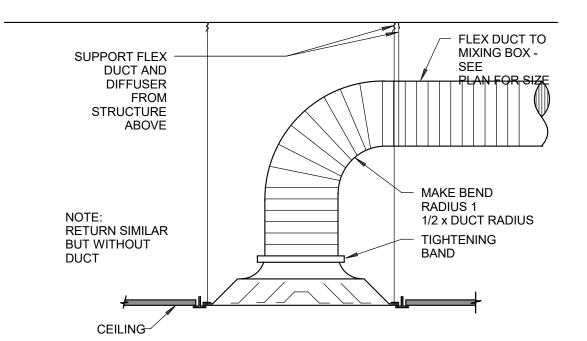




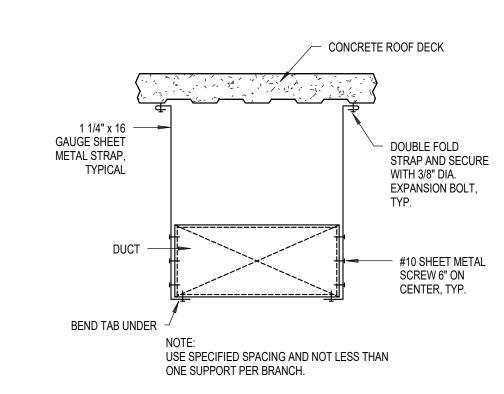
6 ROUND DUCT BRANCH TAKE-OFF DETAILS



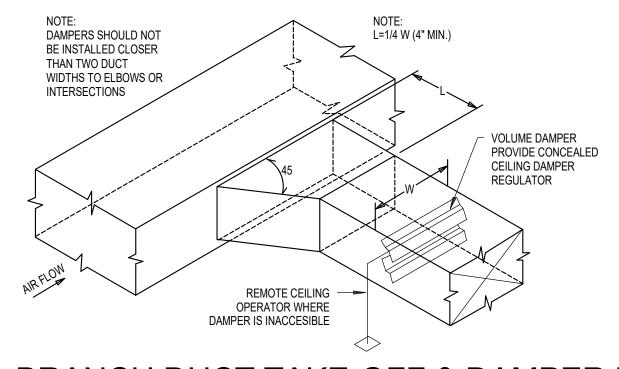
7 ROUND DUCT ELBOW DETAILS



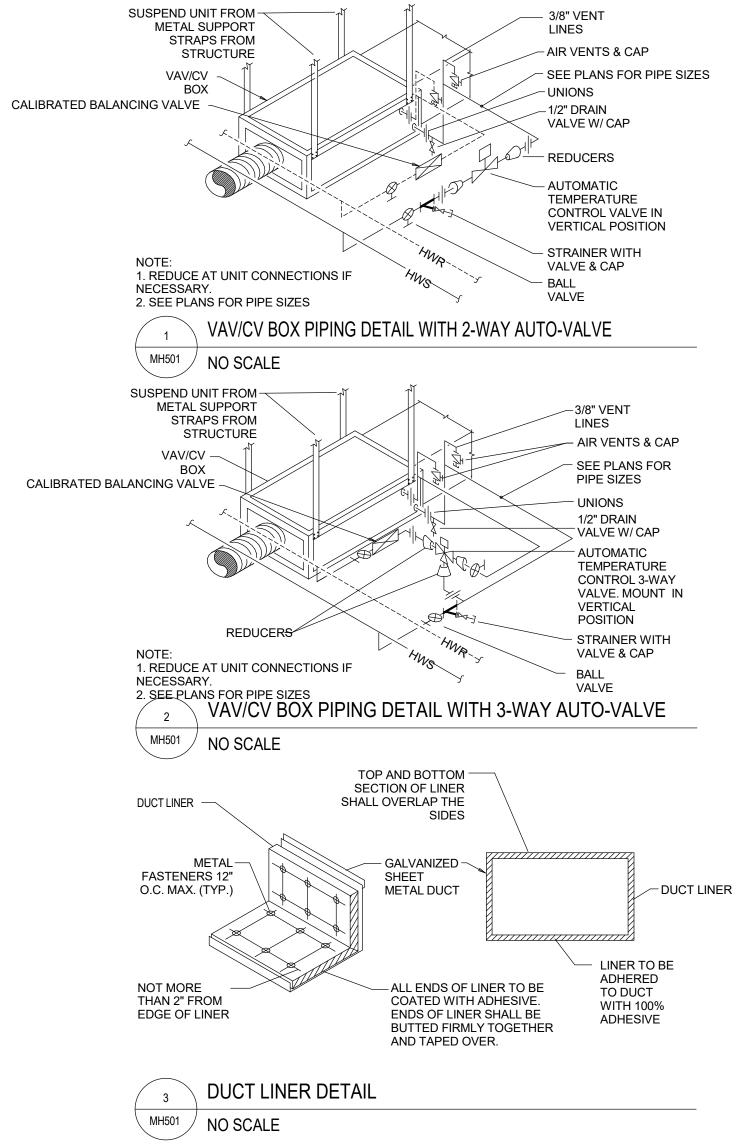
8 DIFFUSER CONNECTION DETAIL

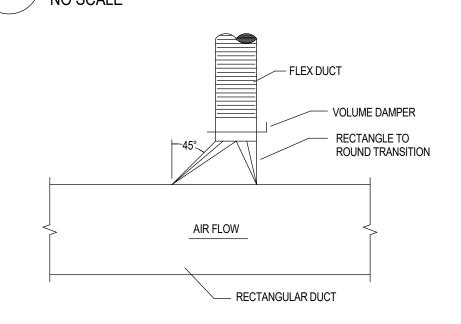


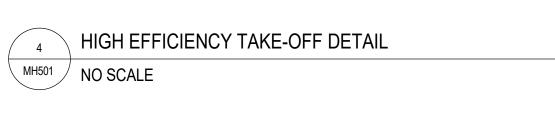
9 RECTANGULAR DUCT SUPPORT

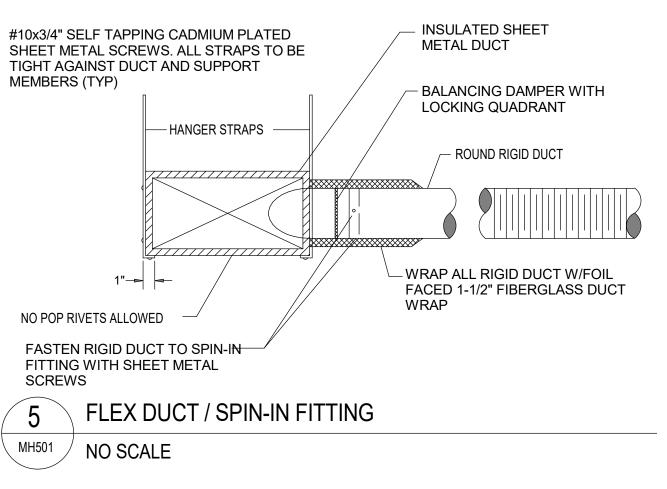


BRANCH DUCT TAKE-OFF & DAMPER DETAIL









Intermountain Healthcare IMC - South Office Tower Neurosurgery Clinic Expansion

ARCHITECTS

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/ DONALD K.

BRADSHAW

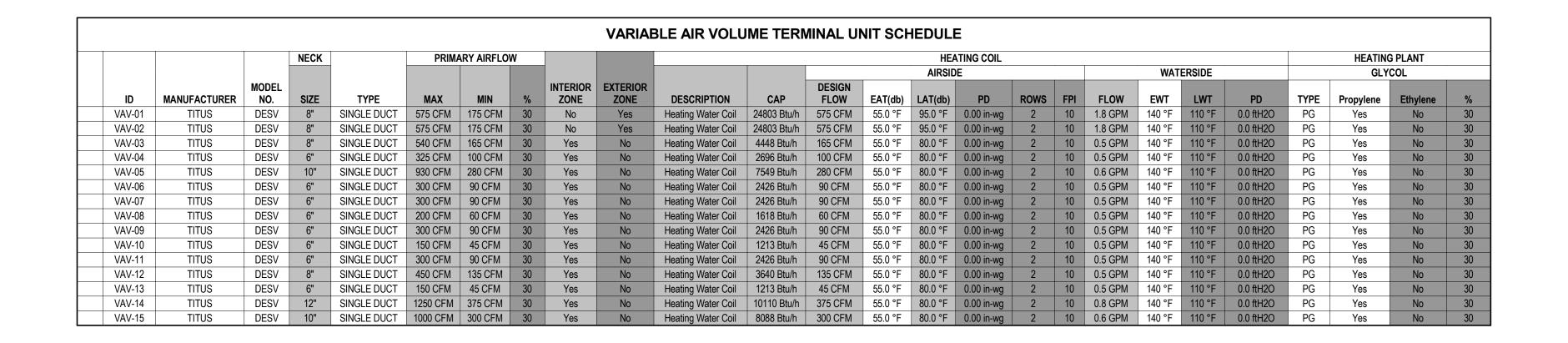
181 East 5600 South Murray, Utah 84107 O: (801)530-3148 www.vbfa.com VBFA Project #: 21482

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> MECHANICAL DETAILS

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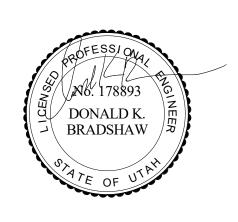
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	GRIL	LES, RE	GISTERS AND DIFFUSERS	
ID	MANUFACTURER	MODEL	DESCRIPTION	
				MOUNTING-FRAME: SURFACE OR LAY-IN,
			FACE STYLE: SQUARE PLAQUE DIFFUSER FACE SIZE: 24" x 24", 24" x 12" OR 12" x 12" AS	(C/W CEILING TYPE.) PATTERN: 360° RADIAL HORIZONTAL AIR PATTERN
CD-1	EH PRICE	SPD	REQUIRED TO FIT CEILING TILE SPACE AVAILABLE	DAMPER: OPPOSED BLADE
			APPLICATION: ENGINEERED VAV SYSTEMS	MAX NC - 30
			MATERIAL: STEEL	DAMPER: NONE
			FINISH: B12 WHITE POWDERCOAT	REMOVABLE FACE
			FACE STYLE: PERFORATED RETURN AIR UNIT	MOUNTING-FRAME: SURFACE OR LAY-IN,
			FACE SIZE: 24" x 24", 24" x 12" OR 12" x 12" AS	(C/W CEILING TYPE.)
RG-1	EH PRICE	PDDR	REQUIRED TO FIT CEILING TILE SPACE AVAILABLE.	DAMPER: NONE
			APPLICATION: AIR RETURN	
			MATERIAL: STEEL	MAX NC - 30
			FINISH: B12 WHITE POWDERCOAT	REMOVABLE FACE & CORE
			FACE STYLE: CRATE RETURN AIR UNIT	MOUNTING-FRAME: SURFACE OR LAY-IN,
			FACE SIZE: 24" x 24", 24" x 12" OR 12" x 12" AS	(C/W CEILING TYPE.)
EG-1	EH PRICE	80	REQUIRED TO FIT CEILING TILE SPACE AVAILABLE	
			APPLICATION: PRESSURIZED AIR RETURN	DAMPER: OPPOSED BLADE
			MATERIAL: ALUMINUM	MAX NC - 30
			FINISH: B12 WHITE POWDERCOAT	REMOVABLE FACE & CORE



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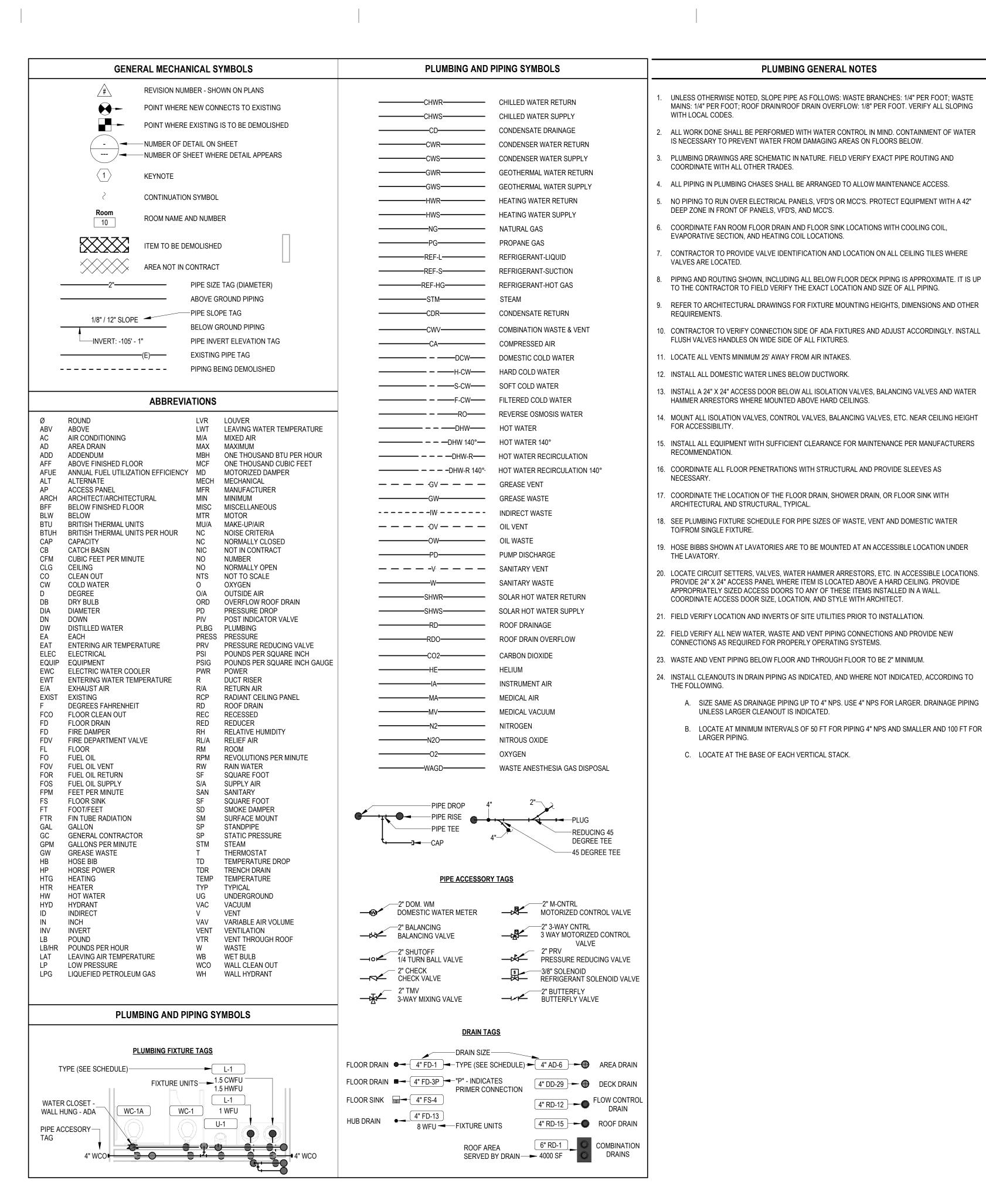
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NJRA Project #

MECHANICAL SCHEDULES

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M601



PROJECT GENERAL NOTES

THE PROJECT GENERAL NOTES APPLY TO ALL DISCIPLINES.

PLUMBING GENERAL NOTES

- 2. REMOVE ALL UNUSED PIPING, DUCTWORK, EQUIPMENT, AND ACCESSORIES.
- 3. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING CONDITIONS FOR PLUMBING AND MECHANICAL SYSTEMS WITHIN THE TENANT SPACE AND WITHIN CLOSE PROXIMITY TO THE TENANT SPACE. THE CONTRACTOR WILL FIELD VERIFY AS MUCH AS IS REASONABLE BEFORE THE FINAL BID. AFTER THE FINAL BID THE CONTRACTOR WILL NOTIFY THE OWNER, ARCHITECT, AND MECHANICAL DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF EXISTING CONDITIONS THAT MAY AFFECT THE DESIGN.
- 4. THE MECHANICAL CONTRACTOR SHALL PERFORM SERVICE AND REPAIR ON THE EXISTING EQUIPMENT AND ITS ACCESSORIES AS FOLLOWS: CLEAN ALL COILS, REPLACE THE FILTERS AND BELTS, INSPECT, REPAIR, OR REPLACE THE ECONOMIZERS, DRIVERS AND FAN BEARINGS, MOTORS, CONTROL COMPONENTS, VALVES, AND ANY OTHER ITEM NECESSARY FOR A COMPLETE AND PROPER OPERATING SYSTEM. THIS CONTRACTOR SHALL ALSO VISIT THE SITE, PRIOR TO FINAL BIDDING, AND VERIFY ALL EXISTING SITE CONDITIONS. PROVIDE ALL MATERIAL AND COMPONENTS AS NEEDED TO BRING THE UNITS TO FULL COMPLIANCE OF THE LANDLORD'S CRITERIA AND LOCAL AUTHORITY HAVING JURISDICTION.
- 5. WHERE FLOOR DRAINS OCCUR WITH THE LIMITS OF CONSTRUCTION, PREVENT CONSTRUCTION DEBRIS FROM ENTERING DRAIN BODY BY SEALING DRAIN OPENING PRIOR TO START OF WORK. UNSEAL DRAINS AT COMPLETION OF CONSTRUCTION.
- 6. COORDINATE INSTALLATION OF PIPING, DUCTWORK, CONDUIT, LIGHTS, CABLE TRAY, STRUCTURE, EQUIPMENT, CEILINGS, ARCHITECTURAL COMPONENTS, AND ANYTHING ELSE PERTAINING TO THE

LIMITED TO ARCHITECTURAL, CIVIL, ELECTRICAL, VENTILATION, PLUMBING, AND OTHER SYSTEMS

- PROJECT TO PREVENT CONFLICTS. 7. THE CONTRACTOR SHALL BE FAMILIAR WITH ALL THE CONDITIONS BOTH EXISTING AND THOSE ILLUSTRATED BY THESE DOCUMENTS AND THOSE OF OTHER DISCIPLINES, INCLUDING, BUT NOT
- INVOLVED ON THIS PROJECT. 8. FINAL PRODUCT SHALL BE A COMPLETE AND FUNCTIONING SYSTEM, AND SHALL CONFORM TO ALL REQUIREMENTS OF APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING BUT NOT LIMITED TO THE INTERNATION BUILDING CODE, INTERNATIONAL MECHANICAL CODE, AND INTERNATIONAL
- 9. LOCATE EQUIPMENT REQUIRING ACCESS 2'-0" MAXIMUM ABOVE CEILING.

PLUMBING CODE.

- 10. ALL ROOF MOUNTED EQUIPMENT SHALL BE A MINIMUM 10'-0" FROM EDGE OF ROOF.
- 11. COORDINATE INSTALLATION OF DUCTWORK, PIPING AND MECHANICAL EQUIPMENT WITH NEC CLEARANCES INCLUDING THE SPACE ABOVE ELECTRICAL PANELS, TRANSFORMERS AND OTHER ELECTRICAL EQUIPMENT. NO PIPING OR DUCTWORK TO RUN OVER ELECTRICAL PANELS, VFD'S OR MCC'S. PROTECT EQUIPMENT WITH A 42" DEEP ZONE IN FRONT OF PANELS, VFD'S AND MCC'S. PROVIDE PANS IF REQUIRED UNDER PIPING.
- 12. FIRE SEAL AROUND DUCT AND PIPING PENETRATIONS OF FIRE RATED WALLS. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CAULKING AND SEALING ALL PENETRATIONS IN FIRE AND SMOKE RATED PARTITIONS TO MAINTAIN RATINGS. REFER TO SPECIFICATION.
- 13. PROVIDE SLEEVES AND/OR OPENINGS TO RUN PIPES AND DUCTS THROUGH FOUNDATIONS, FLOORS,
- WALLS, AND ROOF. 14. TRANSITION PIPING AND DUCTWORK SIZES TO MATCH THE SIZE OF EQUIPMENT CONNECTION.
- 15. REFER TO PLUMBING SERIES DRAWINGS FOR GAS PIPING.
- 16. ALL PIPE AND DUCT SIZES SHOWN SHALL BE CONTINUED IN THE DIRECTION OF FLOW UNTIL ANOTHER SIZE IS SHOWN.
- 17. FOR DETAILS, EQUIPMENT CONNECTIONS, AND PIPE SIZES NOT SHOWN ON THE SEGMENTS, REFER TO DETAILS, SCHEDULES, AND SPECIFICATIONS.
- 18. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THE RESPECTIVE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS, AT A LEVEL OF WORKMANSHIP CONSISTENT WITH THE SPECIFICATIONS.
- 19. MECHANICAL CONTRACTOR SHALL ENSURE THAT ALL EQUIPMENT IS PROVIDED AND INSTALLED WITH CLEARANCES PER MANUFACTURERS RECOMMENDATIONS. THE CONTRACTOR SHALL MAINTAIN PROPER SERVICE SPACE FOR COIL PULLS, BAS DEVICES, MAINTENANCE ACCESS, ETC.
- 20. INSTALL EXPOSED PIPING AND DUCTWORK AS HIGH AS PRACTICAL IN ROOMS WITHOUT CEILINGS.
- 21. LOCATIONS OF PIPING, DUCTWORK AND EQUIPMENT AS INDICATED ON THE DRAWING, ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENTS IN THE FIELD, INCLUDING, BUT NOT LIMITED TO, OFFSETS AND TRANSITIONS. NEW DUCTWORK, PIPING AND EQUIPMENT SHALL BE COORDINATED WITH STRUCTURE, LIGHTS, REFLECTED CEILING PLANS, CABLE TRAY, ELECTRICAL CONDUIT, PLUMBING, MECHANICAL AND FIRE PROTECTION PIPING, MEDICAL GASES, ALL OTHER TRADES AND ALL OTHER EXISTING CONDITIONS TO AVOID INTERFERENCE IN THE FIELD.
- 22. THE CONTRACTOR SHALL INFORM THE DESIGNER OF ANY PROPOSED DEVIATIONS FROM THE CONTRACT DOCUMENTS.
- 23. IF CONTRACTOR ENCOUNTERS MATERIAL WHICH MAY CONTAIN ASBESTOS, IMMEDIATELY STOP WORK IN THIS AREA AND NOTIFY THE OWNER.
- 24. DETAILS REFERENCE ALL SHEETS.

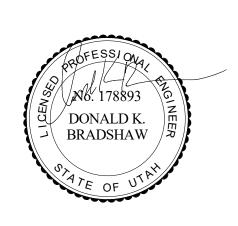
VALVES ARE LOCATED.

- 25. INSTALL ALL PIPING AND DUCTWORK WITHOUT FORCING OR SPRINGING.
- 26. ROUTE DOMESTIC WATER, FIRE PROTECTION, SANITARY WASTE, ROOF DRAIN, CAMPUS CHILLED OR HOT WATER, AND ANY OTHER UTILITY SERVICES TO SITE UTILITIES 5'-0" FROM BUILDING UNLESS NOTED OTHERWISE. REFER TO CIVIL PLANS.
- 27. LOCATE VALVING, ACCESSORIES, AND EQUIPMENT IN ACCESSIBLE LOCATIONS. WHERE LOCATED ABOVE HARD CEILING PROVIDE AN ACCESS DOOR IN CEILING. MINIMUM ACCESS DOOR SIZE OF 24" X 24". COORDINATE EXACT LOCATION AND STYLE WITH ARCHITECT. EQUIPMENT SHALL BE LOCATED IN THE CEILING CAVITY SO IT CAN BE SAFELY SERVICED FROM SOMEONE STAND ON A LADDER PLACED BELOW THE CEILING ACCESS.
- 28. WHERE VALVING, ACCESSORIES, OR EQUIPMENT IS LOCATED IN A WALL, PROVIDE AN APPROPRIATELY SIZED ACCESS DOOR. COORDINATE ACCESS DOOR SIZE, LOCATION, AND STYLE WITH ARCHITECT.
- 29. CONTRACTOR TO PROVIDE VALVE IDENTIFICATION AND LOCATION ON ALL CEILING TILES WHERE

ALL OF GENERAL NOTES ON THIS SHEET ARE TO BE APPLIED TO ALL OTHER DRAWINGS IN THIS SET.THE SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET MAY OR MAY NOT BE USED IN THIS SET OF DRAWINGS.



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> PLUMBING TITLE SHEET

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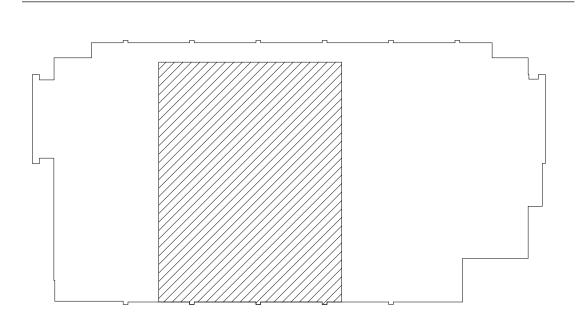
Intermountain Healthcare
IMC - South Office Tower

Neurosurgery Clinic Expansion

5171 South Cottonwood Street
Murray, Utah 84107

Murray, Utah 84107

KEY PLAN



LEVEL 8
PLUMBING
DEMOLITION
PLAN

PD100

