

# **RECONFIGURATION - SLEEP LAB**

# **100% Construction Documents**

Project No. 10173823 550 E 1400 N, Suite R Logan, UT 84341

Date: Nov 6, 2020



# <u>OWNER</u>

**ARCHITECT** 

**STRUCTURAL** <u>ENGINEER</u>

MECHANICAL/ <u>PLUMBING</u> **ENGINEER** 

**ELECTRICAL ENGINEER** 

<u>CIVIL</u> Engineer

FOOD SERVICE

**LANDSCAPE** ARCHITECT

INTERMOUNTAIN HEALTHCARE 36 SOUTH STATE STREET 23RD FLOOR SALT LAKE CITY, UT 84111

HDR ARCHITECTURE, P.C. 201 CALIFORNIA ST. SUITE 1500 SAN FRANCISCO, CA 94111

**REAVELEY ENGINEERS & ASSOCIATES** 675 EAST 500 SOUTH, SUITE 400 SALT LAKE CITY, UT 84102

VAN BOERUM & FRANK ASSOCIATES, INC. 330 SOUTH 300 EAST SALT LAKE CITY, UT 84111

SPECTRUM ENGINEERS 324 SOUTH STATE STREET, SUITE 400 SALT LAKE CITY, UT 84111

**GREAT BASIN ENGINEERING INC** 5746 S 1475 E #200 SOUTH OGDEN, UT 84403

CINI LITTLE INTERNATIONAL, INC. 535 NORTH BRAND BLVD., SUITE 710 GLENDALE, CA 91203

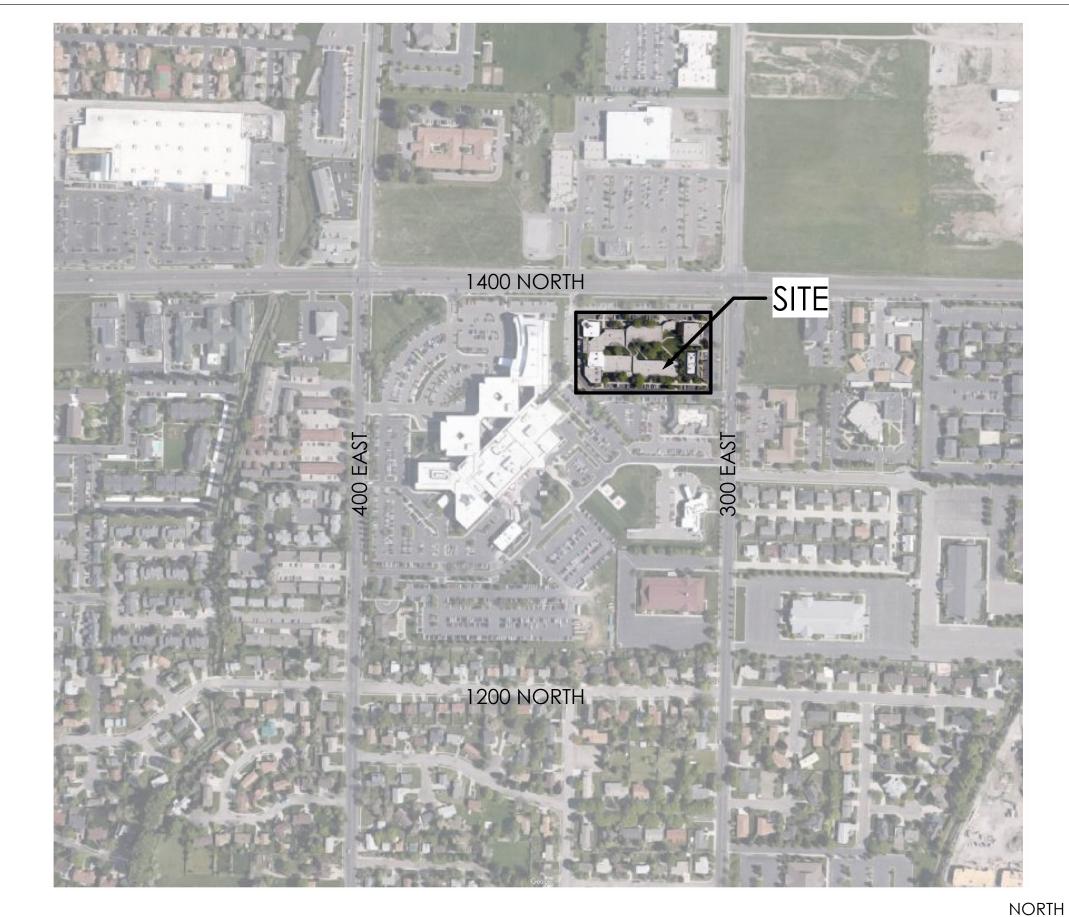
**ARC SITIO DESIGN** 1058 EAST 2100 SOUTH SALT LAKE CITY, UTAH 84106



IMPLEMENTATION OF INTERIM LIFE SAFETY MEASURES (ILSM) IS REQUIRED IN OR	TURCES			
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	ON THE LOGAN OF THE THE PRE PROJEC	OJECT IS LOCATED IN SUITE 'R' IN THE ENORTHEAST PORTION OF THE SAME E N REGIONAL HOSPITAL. THE SCOPE OF ENTIRE INTERIOR OF THE SUITE AND C EVIOUSLY DEMOLISHED SPACE. THE A CT IS 2,650 SF.	BLOCK AT INTERMOL THE PROJECT INCLU ONSTRUCTION OF A	JNTAIN HEALTHC/ JDES DEMOLITION NEW SLEEP LAB I
<ul> <li>PROCEDURES. EXCEPT AS STATED BELOW, FREQUENCIES FOR INSPECTION, TESTING, TRAINING, AND ILSM CONSIST OF THE FOLLOWING ACTIONS:</li> <li>1 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 MUST MAINTAIN ESCAPE FACILITIES FOR CONSTRUCTION AND ADDRESS MUST DE DESIGNATED.</li> </ul>	SINCE 1 PROJEC 1. LOG	THIS IS AN OUTPATIENT CLINIC BUT LIC CT WILL BE REVIEWED BY THE FOLLOW AN CITY I DEPARTMENT OF HEALTH		IOSPITAL, THE
<ul> <li>WORKERS AT ALL TIMES. MEANS OF EGRESS IN CONSTRUCTION AREAS MUST BE INSPECTED DAILY.</li> <li>2 ENSURING FREE AND UNOBSTRUCTED ACCESS TO EMERGENCY DEPARTMENTS/ SERVICES AND FOR EMERGENCY FORCES.</li> </ul>				
B 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.				
4 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. ALL TEMPORARY CONSTRUCTION BARRIERS SHALL MEET THE REQUIREMENTS OF NFPA 241				
5 INSTALL TEMPORARY FIRE EXTINGUISHERS AND UTILIZE SPECIALLY TRAINED PERSONNEL AS NEEDED.				
<ul> <li>6 PROHIBITING SMOKING IN ACCORDANCE WITH MA.1.3.15 AND IN OR ADJACENT TO ALL CONSTRUCTION AREAS.</li> <li>7 DEVELOPING AND ENFORCING STORAGE, HOUSEKEEPING, AND DEBRIS REMOVAL</li> </ul>				
<ul> <li>PRACTICES THAT REDUCE THE FLAMMABLE AND COMBUSTIBLE FIRE LOAD OF THE BUILDING TO THE LOWEST LEVEL NECESSARY FOR DAILY OPERATIONS.</li> <li>8 CONDUCTING A MINIMUM OF TWO FIRE DRILLS PER SHIFT PER QUARTER.</li> </ul>				
9 INCREASING HAZARD SURVEILLANCE OF BUILDINGS, GROUNDS, AND EQUIPMENT WITH SPECIAL ATTENTION TO EXCAVATIONS, CONSTRUCTION AREAS CONSTRUCTION STORAGE, AND FIELD OFFICES.				
10 CONDUCTING ORGANIZATION WIDE SAFETY EDUCATION PROGRAMS TO ENSURE AWARENESS OF ANY LSC DEFICIENCIES, CONSTRUCTION HAZARDS, AND THESE ILSM.				
INFECTION CONTROL RISK ASSESSMENT	ABB	REVIATIONS		
<u>CONSTRUCTION ACTIVITY TYPE</u> Type C: Generates moderate or high levels of dust. Demolition or removal of ANY fixed building components or assemblies. Disruption to patients with noise, vibration,	& @ Ø	AND AT DIAMETER	disp. dwl. dn.	DISPENSER DOWEL DOWN
<ul> <li>HVAC systems etc.</li> <li>Includes, but not limited to:</li> <li>sanding walls to remove paint or wall coverings</li> <li>removal of floor coverings, ceiling tiles or casework</li> <li>new wall const</li> </ul>		EXISTING NEW PENNY POUND OR NUMBER	D.S. D.W.V. DWG.	DOWN SPOUT DRAINAGE WA DRAWING
INFECTION CONTROL RISK GROUP	A AC ADD	ACOUSTIC ADDENDUM	<b>E</b> EA. E.W.C. EL.	EACH ELEC. WATER C ELECTRIC
CONSTRUCTION CLASS Construction Activity Type: Class I IC Risk Group <b>Type A Type B Type C Type D</b> Lowest Class I Class II Class III	A/C ALT. AL A.B.	AIR CONDITIONING ALTERNATE ALUMINUM ANCHOR BOLT	ELEV. EQ. EQUIP. EXH.	elevation Equal Equipment Exhaust
Medium       Class I       Class II       Class IV         High       Class I       Class II       Class IV       Class IV         Highest       Class II       Class IV       Class IV       Class IV	ARCH ASP.	ARCHITECT(URAL) ASPHALT	EXIST. E.J. EXT.	EXISTING EXPANSION JC EXTERIOR
<ul> <li>INFECTION CONTROL PROTOCOLS         During Construction (Class I):         <ul> <li>Perform work using methods to minimize raising dust or tracking dust into other areas.</li> <li>Immediately replace ceiling tile upon completion of inspection.</li> </ul> </li> </ul>	BSMT. B.M. BLKG. BD.	BASEMENT BENCHMARK BLOCKING BOARD	<b>F</b> FT. FIN. F.E.	feet Finish(ed) Fire extinguis
Upon Completion (Class I): • Clean work area.	B.O. BLDG.	BOTTOM OF BUILDING	F.E.C. FIXT. FL.	FIRE EXTINGUIS FIXTURE FLASHING
	<b>C</b> CAB'T C.I.P. C.B.	CABINET CAST IN PLACE CATCH BASIN	<b>G</b> GALV. GA. G.C.	GALVANIZED GAUGE GENERAL CON
	CLG. CL C.T. CH	CEILING CENTER LINE CERAMIC TILE CHANNEL	G.S.N. GL. GD. GRL.	GENERAL STRU GLASS GRADE GRILLE
	C.O. CLR. CL. COL.	CLEAN OUT CLEAR CLOSET COLUMN	GRD. GYP. <b>H</b>	GROUND GYPSUM
	CONC. CMU COND. CONN.	CONCRETE CONCRETE MASONRY UNIT CONDITION CONNECTION	HDW. HDWD. HTR.	HARDWARE HARDWOOD HEATER
	CONST. CONT CJ	CONSTRUCTION CONTINUOUS CONTROL JOINT	HT. H.P. H.M. HORIZ.	HEIGHT HIGH POINT HOLLOW MET/ HORIZONTAL
	D.P. D.B. DIAG.	DAMP PROOFING DECK BEARING DIAGONAL	H.B. H.W. HR.	hose bib hot water hour
	DIAG. DIA. DIM.	DIAGONAL DIAMETER	I IN.	INCH

4

### VICINITY MAP



3

DRAWING ELEC. WATER COOLER ELECTRIC ELEVATION EQUAL EQUIPMENT EXHAUST existing **EXPANSION JOINT** EXTERIOR FINISH(ED) FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET FIXTURE Flashing

DRAINAGE WASTE VENT

GALVANIZED GAUGE GENERAL CONTRACTOR GENERAL STRUCTURAL NOTES GLASS GRADE GRILLE GROUND GYPSUM HARDWARE HARDWOOD HEATER

INT. INV.	INVERT
	JANITOR JOINT JOIST
LDG. LAV. LT.	LAMINATED LANDING LAVATORY LIGHT LIGHT WEIGHT CONCRETE LOUVER
MFR. M.O. MAT'L MAX. MECH. MIL. MIN. MLDG.	MACHINE BOLT MANUFACTURER MASONRY OPENING MATERIAL MAXIMUM MECHANICAL METAL MINIMUM MOLDING MULLION
NOM. N/A N.I.C.	NATURAL GRADE NOMINAL NOT APPLICABLE NOT IN CONTRACT NOT TO SCALE
0 O.C. O.D. O.F.S. O.F.C.I.	ON CENTER OUTSIDE DIAMETER OVERFLOW SCUPPER OWNER FURNISHED, CONTRACTOR INSTALLED
P PT. PTD. PR. PNL. d P.L.	PAINT PAINTED PAIR PANEL PENNY PLASTIC LAMINATE

INSUL. INSULATION

INT. INTERIOR

P.S.F. POUNDS PER SQUARE FOOT RADIUS RECOMMENDATION REGISTER REQ'D REQUIRED RETURN AIR REVISION

**ROOF DRAIN** 

ROOFING

ROOM

RGH. ROUGH

RND. ROUND

R

RAD.

REC.

REG.

R.A.

REV.

R.D.

RFG.

RM.

S

SEL.

SM.

SPL.

SQ.

S.S.

STD.

т

T.G.

T&G

T&B

U

V

ν.

VERT.

VEST. VESTIBULE

T.O.

SCR. SCREW SECT. SECTION SELECT SHT. SHEET SIM. SIMILAR SLDG. sliding Smooth SPEC. SPECIFICATION SPLASH SQUARE STAINLESS STEEL STANDARD STRUC. STRUCTURE S.A. SUPPLY AIR SUSP. SUSPENDED sw.bd. switchboard TELCO TELEPHONE COMPANY TEMPERED GLASS TONGUE & GROOVE

top & Bottom TOP OF T.O.C. TOP OF CURB T.O.D. TOP OF DECK T.O.P. TOP OF PARAPET TYP. TYPICAL

U.N.O. UNLESS NOTED OTHERWISE

VENT V.T.R. VENT THROUGH ROOF VERTICAL V.G. VERTICAL GRAIN

V.C.T. VINYL COMPOSITION TILE V.C.P. VITREOUS CLAY PIPE

w

W.C.

W.H.

W.R.

W.P.

W.F.

W/

WD.

WATER CLOSET WATER HEATER WATER RESISTANT WATERPROOF W.W.F. WELDED WIRE FABRIC WIDE FLANGE WDW. WINDOW WITH WITHOUT W/O WOOD

DING OFFICIAL FOR CT STATING THAT THE DESIGN. WORK JNTIL THE BUILDING res and their CONSTRUCTED TO RESIST ASCE 7-05. REFERENCE

## **SPECIAL INSPECTIONS**

PL.

SEE STRUCTURAL DRAWINGS FOR SPECIAL INSPECTIONS REQUIRED.

PLATE

P.S.I. POUND PER SQUARE INCH

PLBG. PLUMBING

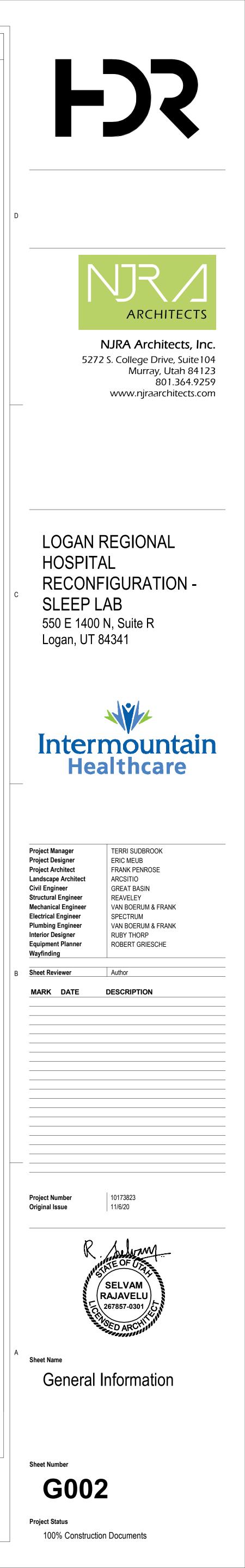
### DEFINITIONS

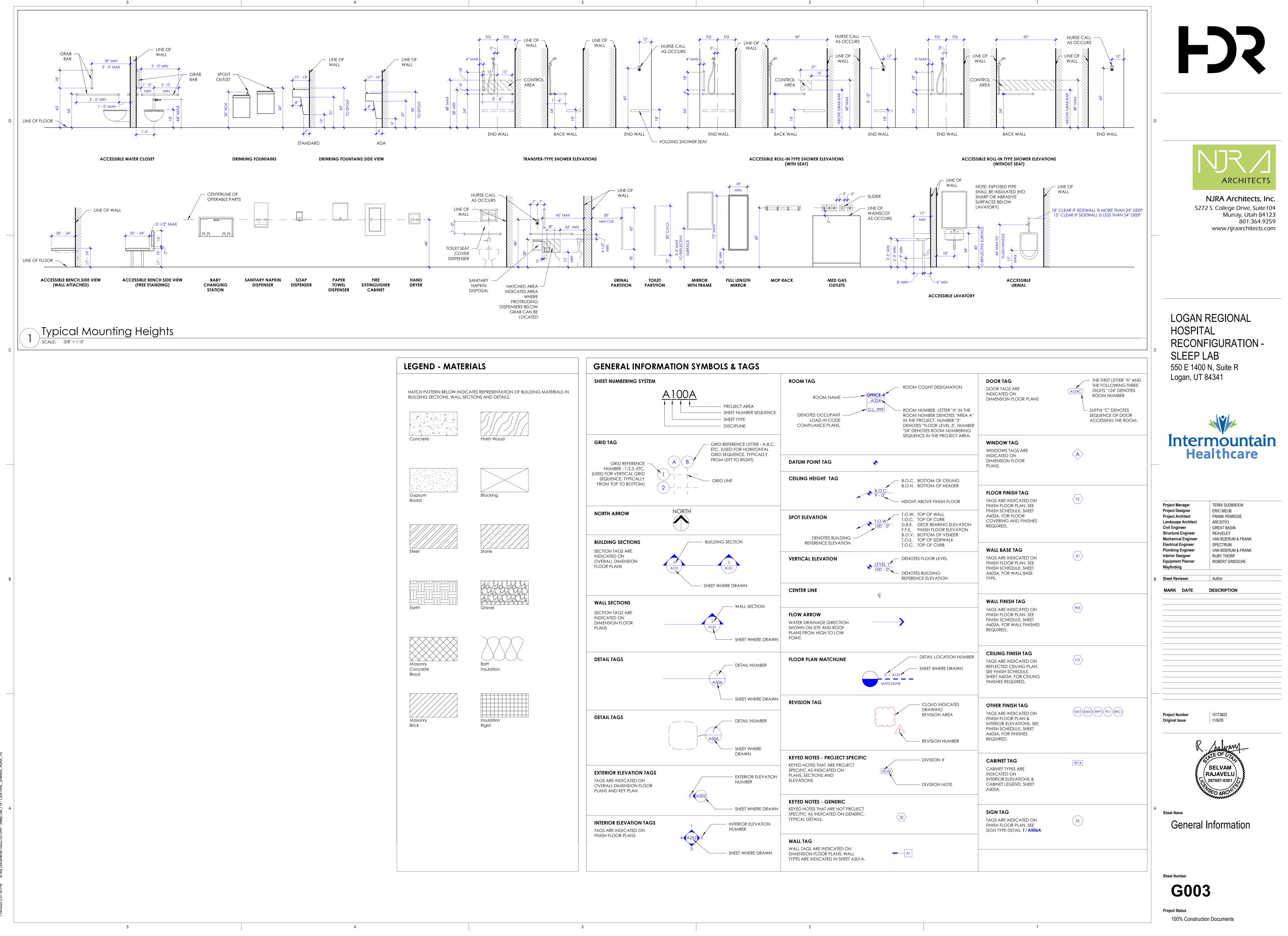
- 1. GENERAL: BASIC CONTRACT DEFINITIONS ARE INCLUDED IN THE CONDITIONS OF THE CONTRACT. 2. "APPROVED": WHEN USED TO CONVEY ARCHITECT'S ACTION ON CONTRACTOR'S SUBMITTALS, APPLICATIONS, AND REQUESTS, "APPROVED" IS LIMITED TO ARCHITECT'S DUTIES AND RESPONSIBILITIES AS STATED IN THE CONDITIONS OF THE CONTRACT.
- 3. "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."
- 5. "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. 6. "FURNISH": SUPPLY AND DELIVER TO PROJECT SITE, READY FOR UNLOADING,
- UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS. 7. "INSTALL": UNLOAD, TEMPORARILY STORE, UNPACK, ASSEMBLE, ERECT, PLACE, 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.

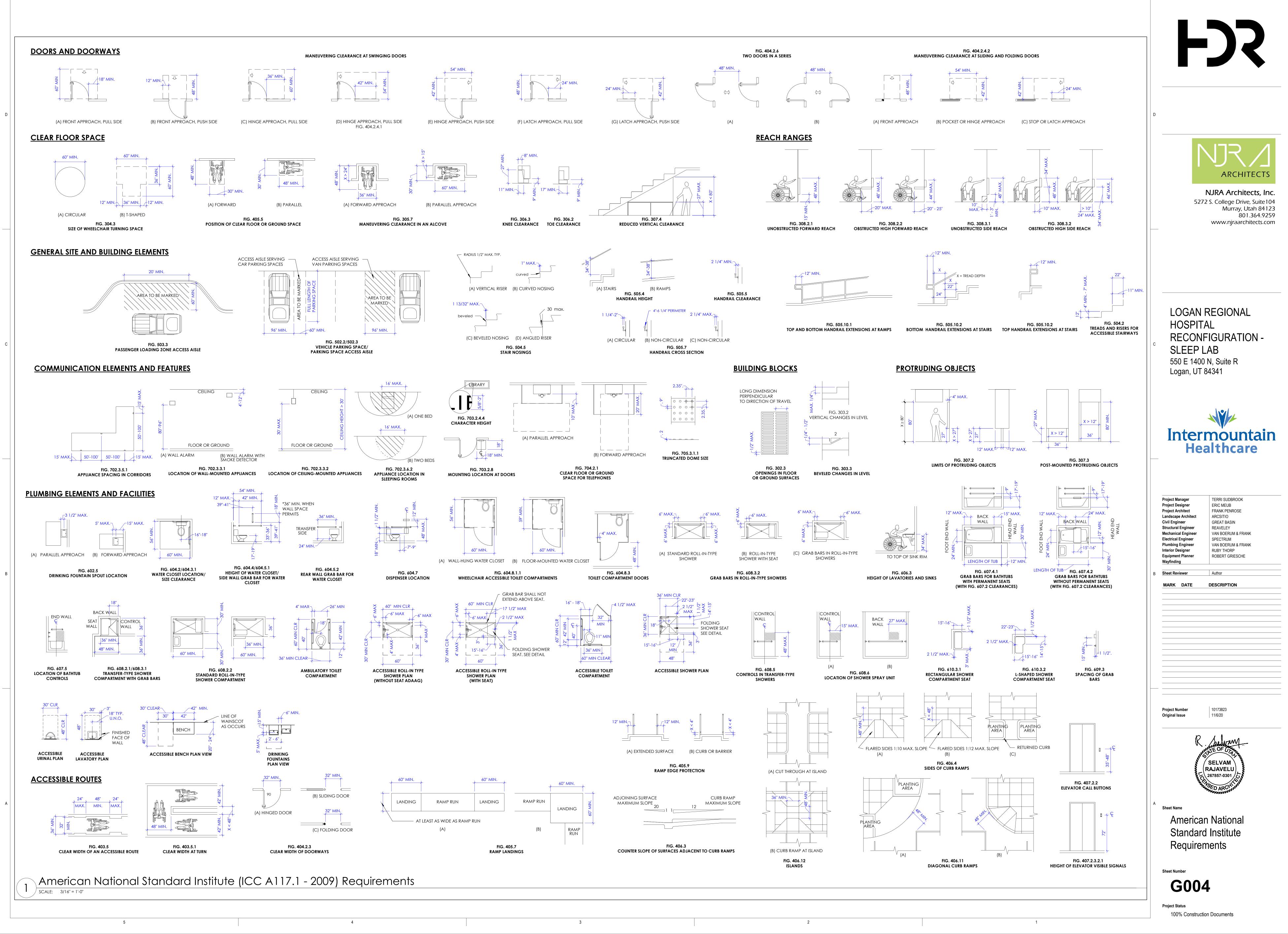
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G003 G004	General Information American National Standard Institute Requirements
G005	General Legend & Notes
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SB101	Footing and Foundation Plan
SF101 SF102	Floor Framing Plan Roof Framing Plan
SF501	Structural Details
ARCHITECT	<b>'URAL</b> Partial Site Plan
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A112 A113	Floor Plan Level 1 Dimension Floor Plan Level 1
A114 A115	Reflected Ceiling Plan Level 1 Roof Plan
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A501A A502A	Wall Types Wall Details
A502B	Wall Details
A503A A504A	Ceiling Details Door & Window Details
A505A A505B	Cabinet Legend & Details Cabinet Details
A505C A506A	Cabinet Details Details
A601A A603A	Door Schedule Finish Schedule & Details
MECHANIC M001	CAL Mechanical Symbol Legend and General Notes
M110	Mechanical Demolition Plan
M111 M112	Mechanical Zoning Plan Mechanical Plan
M111	Mechanical Zoning Plan
M111 M112 M113. M501	Mechanical Zoning Plan Mechanical Plan Mechanical Roof Plan Mechanical Details
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M111 M112 M113. M501 M601 M602	Mechanical Zoning Plan Mechanical Plan Mechanical Roof Plan Mechanical Details Mechanical Schedules
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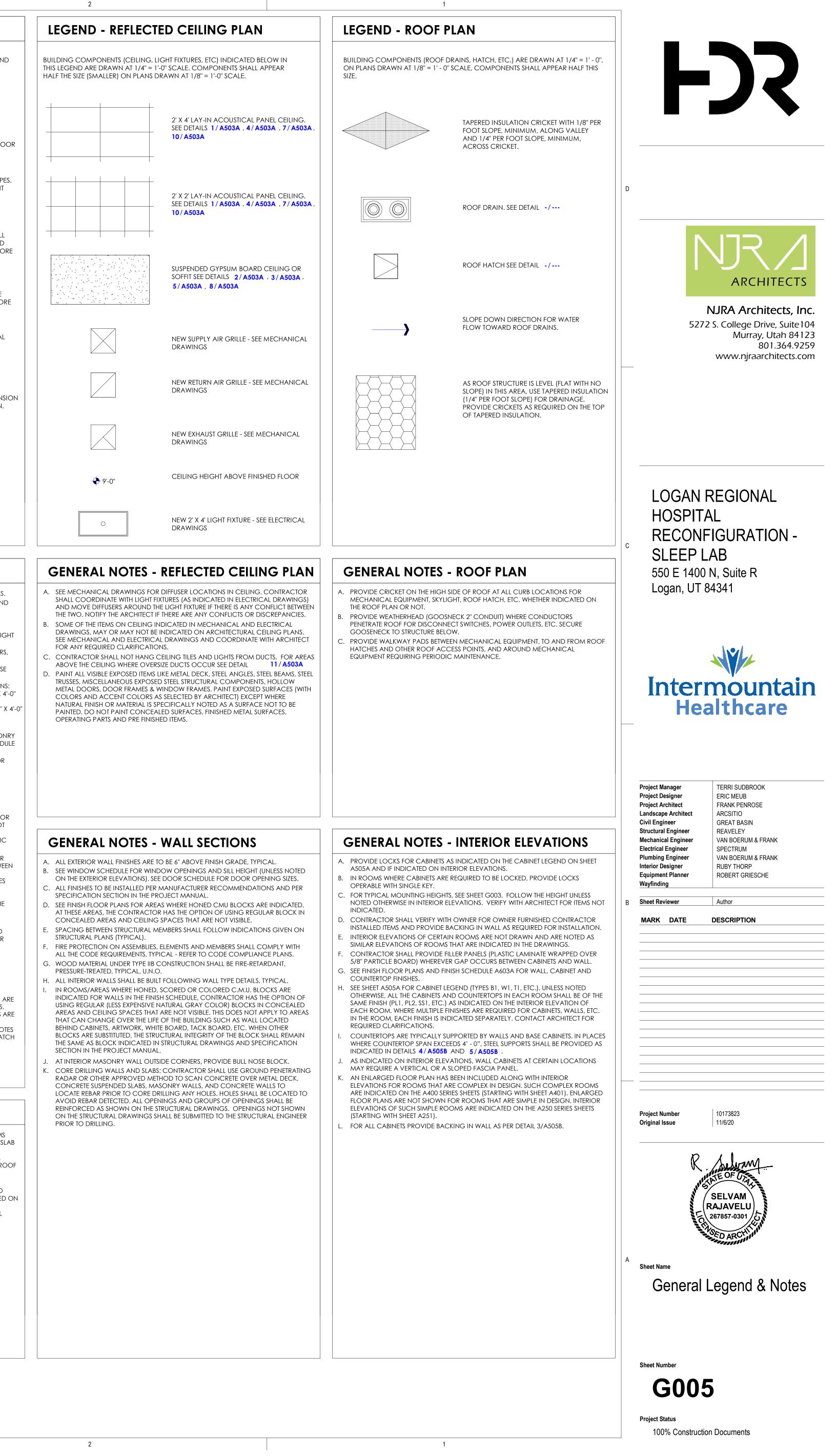
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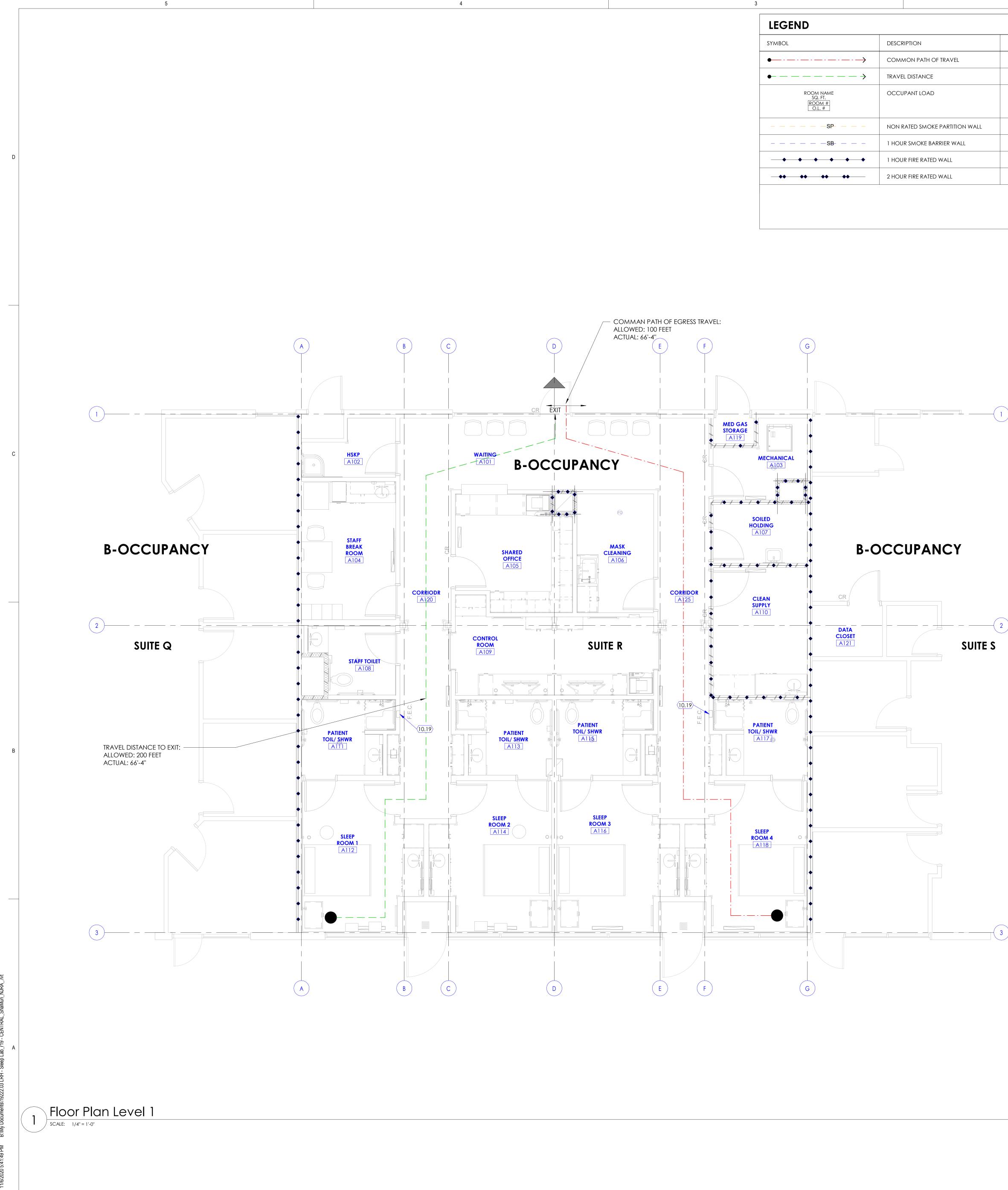






г	5	4		3
		LEGEND - SITE PLAN	LEGEND - DEMOLITION FLOOR PLAN	LEGEND - FLOOR & DIMENSION PLANS
		SITE COMPONENTS (FENCES, HYDRANTS, SIDEWALKS, ETC) INDICATED BELOW IN THIS LEGEND ARE DRAWN AT 1/16" = 1'-0" SCALE. COMPONENTS SHALL APPEAR HALF THE SIZE (SMALLER) ON PLANS DRAWN AT 1/32" = 1'-0" SCALE.	BUILDING 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.	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.
		• BOLLARD		
		0-0-0 FENCE LINE (ORNAMENTAL)		A101A NEW DOOR IN NEW WALL. SEE DOC SCHEDULE.
D		FENCE LINE (CHAIN LINK)		Image: Second
		PROPERTY LINE		NEW METAL STUD WALL. SEE WALL TAGS ON DIMENSION PLANS AND WALL TYPES SHEET A501A FOR MORI INFORMATION.
		♥ FIRE HYDRANT		AI NEW BRICK MASONRY WALL. SEE STRUCTURAL DRAWINGS FOR MORE
		☆ LIGHT POLE	EXISTING WALL TO REMAIN	NEW CMU WALL. SEE STRUCTURAL
		D POWER POLE		DRAWINGS FOR MORE INFORMATION.
		CATCH BASIN	EXISTING PLUMBING FIXTURES TO REMAIN	NEW CAST-IN-PLACE CONCRETE WALL. SEE WALL TAGS ON DIMENSION PLANS FOR MORE INFORMATION.
		CONCRETE SIDEWALK OR PAVING WITH CONTROL JOINTS	EXISTING PLUMBING FIXTURES TO BE DEMOLISHED TO TO THE STORE DEMOLISHED	NEW PLUMBING FIXTURES
В	<ul> <li>GENERAL NOTES</li> <li>STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS (IF PRESENT) ARE SUPPLEMENTAL TO THE ARCHITECTURAL DRAWINGS, SIT SHALL BE THE RESPONSIBILITY OF THE GRIFKAL CONTRACTOR TO CHECK WITH THE ARCHITECTURAL DRAWINGS SHORE THE INSTALLATION OF MECHANICAL OR ELECTRICAL CONSTRUCTION, ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL AND CONSULTING ENGINEERS' DRAWINGS SHALL BE BROUGHT TO THE ARCHITECTURAL AND CONSULTING ENGINEERS' DRAWINGS SHALL BE BROUGHT TO THE ARCHITECTURAL DRAWINGS SHALL BE CORRECTED BY THE GENERAL CONFLICT WITH THE ARCHITECTURAL DRAWINGS SHALL BE CORRECTED BY THE GENERAL CONFLICT WITH THE ARCHITECTURAL DRAWINGS SHALL BE CORRECTED BY THE GENERAL CONFLICT WITH THE ARCHITECTURAL DRAWINGS SHALL BE CORRECTED BY THE GENERAL CONFLICT WITH THE ARCHITECTURAL DRAWINGS (MICR). CORE REQUIREMENTS AND REGULATIONS SHALL BE CONSIDERED AS MINIMUM, WHER THE CONTRACTOR COLUMNETS EXCEED INTIFICUL VIOLATING (CODE AND REGULATION REQUIREMENTS, CONTRACT DOCUMENTS SHALL TAKE PRECEDENCE. IF CONFLICANCE FLAN HOR APPLICABLE CODES AND THE AMERICANS WITH DISABILITIES ACT.</li> <li>THE CONTRACTOR SHOT AND STANDARDS REFERENCEDED WITHIN THE ICC CODES AND THE AMERICANS WITH DISABILITIES ACT.</li> <li>THE CONTRACTOR SHOT AND STANDARDS REFERENCEDED WITHIN THE ICC CODES AND THE AMERICANS WITH DISABILITIES ACT.</li> <li>THE CONTRACTOR SHALL PROVIDE ADEQUARE BARRICADES AND PROTECTIVE DEVICES SEPARATING CONSTRUCTION AREAS PER NEPA 241. TEMPORARY PASSAGES SHALL BE PROVIDED AS REQUIRED, PRIOR TO DELIVERY OF MARTINALS TO CONSTRUCTION ZONE AND BEADYAL OF WASTE FROM STIE. THE CONTRACTOR SHALL CHECK WITH HE OWNER FOR AN ACCEFTABLE BOUTE AND THE.</li> <li>THE CONTRACTOR SHALL PROVIDE ADEQUARES PER NEPA 241. TEMPORARY PASSAGES SHALL BE PROVIDED AS REQUIRED. SURGE TO COMMENCE AND NOTIFY THE ARCHITECT.</li> <li>THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND NOTIFY THE ARCHITECT.</li> <li>THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND NOTIFY THE ARCHITECT.</li> <li>THE CONT</li></ul>	<ul> <li>GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING SITE AND BUILDING CONDITIONS INCLUDING BUT NOT UMITED TO UNDERGROUND UTILITIES AND SERVICE LINES, IRIGATION LINES AND SUB SURFACE STRUCTURES AND ALL OTHER SUSTING CONSTRUCTION NOT NAME AND SUB SURFACE STRUCTURES AND ALL OTHER SUSTING CONSTRUCTION NOT NAME RESULTING FROM THE WORK.</li> <li>GENERAL CONTRACTOR SHALL PROFILE FROM THE WORK.</li> <li>GONTRACTOR SHALL INCLUDE IN THEIR BUT THE ANDUNT FOR COST ASSOCIATED WITH DEMOLITION, CORECULAR LINES, FROM THE WORK.</li> <li>CONTRACTOR SHALL PROFILING, REMOVAL AND REP ACCEMENT OF EXSTING CELLINGS, WALLS AND FINISHES REGULINGS AND ENCONSTRUCTION AND CARANCE AND SHALL BERAR ANY DAMAGER RESULTING FINISHES THE NEW WORK IS REQUIRED A THE REPARANCE AND SHALL PROFILING, REMOVAL AND REPLACEMENT OF EXSTING SUIDING, AND ELECTRICAL DRAWINGS FOR AREA SHALL AND ON CONTROLTION AND SHALL PROFILING, REMOVAL AND REPLACEMENT OF EXSTING SUIDING, AND ELECTRICAL DRAWINGS FOR AREA SHALL AND CONTROLTION AND SHALL PROFILE OF ROUTED AND AND AND AND AND AND AND AND AND AN</li></ul>	<ul> <li>CORDENATE WITH CONTRACTOR BUILDING MATERIALS (INCLUDING WALLS, DOORS, WINDDOWS, CELINAS, ETC.) INDICATED IN THE DEMOLITION PLANS, CONTRACTOR SHALL THOROUGHLY COORDINATE ARCHITECTURAL FLOOR PLANS, CELINAS (PLANS, DISTANCE), CONTRACTOR SHALL THOROUGHLY COORDINATE ARCHITECTURAL FLOOR PLANS, CELINAS CELINAS (CONTRACTOR), SHALL THOROUGHLY COORDINATE RECOMPERING STACT EXTENT OF REMOVAL.</li> <li>COORDINATE WITH OWNERS REPRESENTATIVE REGARDING ITEMS SHOWN TO BE REMOVED THAT WILL BECOME PROPERTY OF THE OWNER, CAREPULLY REMOVES SUCH (TEMS SO AS NOT TO DAMAGE THEM.)</li> <li>IC COORDINATE WITH THAT ARE NOTE TO REMAIN. ANY MAILS, SCREWS, OR OPENINGS THAT REMAIN AS A RESULT OF EXSTING GOUPMENT REMOVAL OR WALL REMOVAL BE FACTED TO DESTING GOUPMENT REMOVAL OR WALL REMOVAL SUCH TO THE INSTALLATION OF POWER OUTERS, SWITCH, THERMOSTAL, EFC. (UT PORT INOT CONTRACTOR AND SUBJO AD REPLACE WITH NEW GYPSUM BCARD, PROVIDE SMOOTH, EVEN, INVISIBLE TRANSITION. IN PLACES WHERE THE EXISTING WALL INSTAL.</li> <li>D. THE OWNERS STAFF WILL CONTINUE TO OCCUPY AREAD DIRECTLY A DIACENT TO THE CONTRACT AND REPORT OF THE CONTRACT OR SHALL TAKE ALL NECESSARY MAESURES TO MINIMIZE DISCUPTION ACTIVITIES CONDUCED BY THE OWNERS STAFF. THE CONTRACTOR AND SUB-CONTRACTORS SHALL TAKE ALL NECESSARY MAESURES TO MINIMIZE DISCUPTION ACTIVITIES WHICH MAY DISRUPT IN OXIGNER STAFF. THE CONTRACTOR AND DECONTRACTOR PROPRESING THAT ARE NOT BUILT TO THE CONTRACT OR PROVIDES AND ANY OTHER ACTIVITES WHICH MAY DISRUPT IN OXIGNER STAFF. THE CONTRACTOR AND DECONTRACTOR WORK.</li> <li>D. ONCE FLOORING DEMOLITION TO REFORMING THE SUB-CONTRACTOR SHALL TAKE ALL NECESSARY MAESURES STAFF. THE CONTRACT DEW CORD.</li> <li>D. ONCE FLOORING DEMOLITION TO REFORMING THE WORK.</li> <li>D. ONCE FLOORING DEMOLITION THAS OCCUURED STORE THOOR PREPARATIONE SHALL THE AND THE DISCUPTEND.</li> <li>D. ONCE FLOORING DEMOLITION THE SECONTRACTOR FOR ORDER OF NEW REPRESENTATIVE OF INCOR MALL OPERATIONE ENTRY.</li> <li>D. ONCE FLOORING DEMOLITION THAS OCCUURED STORE THOOR PREPARE FLOOR TO</li></ul>	<ul> <li>GENERAL NOTES - FLOOR &amp; DIM. PLANS.</li> <li>A. REFER TO THE CODE COMPLIANCE PLANS FOR INDICATION OF RRE RATED WALLS.</li> <li>B. AT LOCATIONS WITHOUT CEILINGS (ROOM IS OPEN TO STRUCTURE ABOVE), EXTEND ALL WALLS. SOFTIS. AND HEADERS [INCLUDING ALL STUD FRAMING, GYPSUM BOARD, INSULATION &amp; CMU, WHER APPLICABLE TO THE METAL ROOF DECK ABOVE.</li> <li>C. WHEN FLOOR HEIGHT VARIES IN A ROOM, THE CEILING HEIGHT SHOWN IS THE HEIGH ABOVE THE FLOOR AT THE ENTRY, UNO.</li> <li>D. SEE INTERIOR ELEVATIONS FOR TOLET AND BATHROOM ACCESSORIES (GRAB BARS, MIRRORS, DISPENSERS, ETC.).</li> <li>E. ATALL VERTICAL EDGS OF INTERIOR CMU WALLS THAT ARE VISIBLE. USE BULLINOSE CMU BLOCKS FROM FINISHED FLOOR ELEVATION TO A HEIGHT OF 7-4.</li> <li>F. FOR CLARITY SAKE, DIMENSIONS ARE NOT SHOWN AT THE FOLLOWING LOCATIONS: O. WHERE THE FACE OF WALL COINCIDES WITH THE MAIN GRID LINE OR 4-0°X 4-SUBGRID.</li> <li>D. WHER THE CONTERNOR CAUL COINCIDES WITH THE MAIN GRID LINE OR 4-0°X 4-SUBGRID.</li> <li>C. VERIFY WITH ARCHITECT FOR DIMENSIONS NOT SHOWN.</li> <li>H. SEE STRUCTURAL DRAWINGS FOR COM VALLS, MASONRY COLUMNS, AND MASONF BEAMS. SEE BUILDING EXTERIOR ELEVATIONS FOR TOLED STRUCTURED.</li> <li>G. VERIFY WITH ARCHITECT FOR DIMENSIONS NOT SHOWN.</li> <li>H. SEE STRUCTURAL DRAWINGS FOR CMU WALLS, MASONRY COLUMNS, AND MASONF BEAMS. SEE BUILDING EXTERIOR ELEVATIONS FOR POORS FOR DUCTWORK, ETC.</li> <li>SEE COVIL, FOOD SERVICE, PLUMBING, AND MECHANICAL DRAWINGS FOR FLOOR SINKS, SEE BUILDING EXTERIOR ELEVATIONS FOR SHORD SOFT FOR DUCTWORK, ETC.</li> <li>SEE COVIL, FOOD SERVICE, PLUMBING, AND MECHANICAL DRAWINGS FOR PROVIDE RECESS IN CONCRETE FLOOR SLAB AS REQUIRED TO ACCOMMODATE FLOOR FINISHES. CONCRETE FLOOR SLAB AS REQUIRED TO ACCOMMODATE FLOOR FINISHES. CONCRETE FLOOR SLAB AS REQUIRED TO ACCOMMODATE FLOOR FINISHES.</li> <li>SEE CIVIL, FOOD SERVICE, PLUMBING, AND GRADE, SHALL BE RECESSED AS REDUIRED, FOR TO TOWARDS THE FLOOR FINISHES.</li> <li>SEE FINISH SCHEDULE AND STRUCTURAL DRAWINGS AND PROVIDE RECESS IN CONCRETE FLOOR SLAB AS AS BUI</li></ul>
A	<ul> <li>TO MAINTAIN THE INTEGRITY OF THE ASSEMBLY.</li> <li>O. ABBREVIATIONS THROUGHOUT THE PLAN ARE THOSE IN COMMON USE. THE ARCHITECT SHALL DEFINE THE INTENT OF ANY IN QUESTION.</li> <li>P. THE CONTRACTOR SHALL VERIFY SIZES AND LOCATIONS OF WATER AND DRAIN INSTALLATIONS AND OTHER REQUIRED SERVICES WITH EQUIPMENT MANUFACTURERS.</li> <li>Q. ALL WOOD CANTS, NAILERS, CURBS, ETC. THROUGHOUT JOB SHALL BE FIRE RETARDANT PRESSURE-TREATED, AS PER I.B.C. CURRENT VERSION. SEE RELEVANT DETAILS.</li> <li>R. CONTRACTOR SHALL REFER TO THE PROJECT MANUAL FOR A COMPLETE LIST OF GENERAL CONDITIONS, SPECIAL CONDITIONS AND OTHER NOTES.</li> <li>S. 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 WITH EQUIVALENT FIRE PROOFING MATERIAL TO MATCH ADJACENT EXISTING MATERIAL IN TYPE AND DEPTH.</li> </ul>	<ul> <li><b>CENERAL NOTES - DOOR SCHEDULE</b></li> <li>SEE PROJECT MANUAL FOR DOOR HARDWARE SCHEDULE.</li> <li>SUB-CONTRACTOR UNDER SECTION 'ALUMINUM ENTRANCES AND STOREFRONT, SHALL PROVIDE ALL THE DOOR HARDWARE FOR ALL ALUMINUM DOORS. SEE DOOR SCHEDULE FOR ALUMINUM DOORS AND THE REQUIRED HARDWARE.</li> <li>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. SEE DOOR SCHEDULE FOR WOOD AND HOLLOW METAL DOORS AND THE REQUIRED HARDWARE.</li> <li>ALL EXTERIOR DOORS SHALL BE INSULATED.</li> <li>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.</li> <li>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.</li> <li>COORDINATE DOORS &amp; GATES OUTSIDE BUILDING WITH SITE PLAN.</li> </ul>	<ul> <li>GENERAL NOTES - EXTERIOR ELEVATIONS</li> <li>A. SEE WINDOW SCHEDULE FOR WINDOW OPENINGS AND SILL HEIGHT. SEE DOOR SCHEDULE FOR DOOR OPENING SIZE. SEE LEGEND FOR BRICK VENEER TYPE.</li> <li>B. NOT ALL MECHANICAL GRILLES ARE SHOWN ON THESE ELEVATIONS. COORDINATE ALL GRILLE LOCATIONS WITH MECHANICAL DRAWINGS.</li> <li>C. ALL EXTERIOR WALL FINISHES ARE TO BE 6" ABOVE FINISH GRADE TYPICAL. SEE WALL SECTIONS.</li> <li>D. ALL FINISHES TO BE INSTALLED PER MANUFACTURER RECOMMENDATIONS AND PER SPECIFICATION SECTION IN THE PROJECT MANUAL.</li> </ul>	<ul> <li>GENERAL NOTES - BUILDING SECTIONS</li> <li>A. BUILDING SECTIONS INDICATE THE RELATIONSHIPS BETWEEN THE DIFFERENT ROOMS AND AREAS OF THE FACILITY. THE INTENT IS TO ILLUSTRATE THE CONCRETE FLOOR SLAD ON GRADE, FLOOR TO FLOOR HEIGHT, ROOF SLOPES, EXTENTION OF REQUIRED STRUCTURAL FILL UNDERNEATH THE FOOTINGS, CONCRETE SLAB ON GRADE, FLO. REFER TO RELEVANT WALL SECTIONS FOR DETAILED DESCRIPTION OF WALL AND ROC CONSTRUCTION.</li> <li>SEE CIVIL DRAWINGS FOR BUILDING FINISHED FLOOR ELEVATION AND HOW REFERENCE ELEVATION OF 100'-0" RELATES TO THE EXISTING CONTOUR LINES AND SPOT ELEVATIONS. SOIL CUT AND FILL REQUIREMENTS SHALL BE DETERMINED BASED OF THE SITE EXISTING CONTOUR LINES AND PROPOSED NEW CONTOUR LINES. SEE GEOTECHNICAL STUDY FOR SOIL COMPACTION AND EXTENT OF STRUCTURAL FILL REQUIREMENTS.</li> </ul>
	5	4		3





LEGEND					
SYMBOL	DESCRIPTION	FIRE RESISTANCE RATING	Smoke	DOOR FIRE RATING	WINDOW FIRE RATING
•	COMMON PATH OF TRAVEL	N/A		N/A	N/A
•>	TRAVEL DISTANCE	N/A		N/A	N/A
ROOM NAME SQ. FT. ROOM # O.L. #	OCCUPANT LOAD	N/A		N/A	N/A
SP	NON RATED SMOKE PARTITION WALL	0 HOUR	Y		
SB	1 HOUR SMOKE BARRIER WALL	1 HOUR	Y	1/3 HOUR	1/3 HOUR
	1 HOUR FIRE RATED WALL	1 HOUR	Ν	3/4 HOUR	3/4 HOUR
<b>** **</b>	2 HOUR FIRE RATED WALL	2 HOUR	Ν	1-1/2 HOUR	1-1/2 HOUR

2

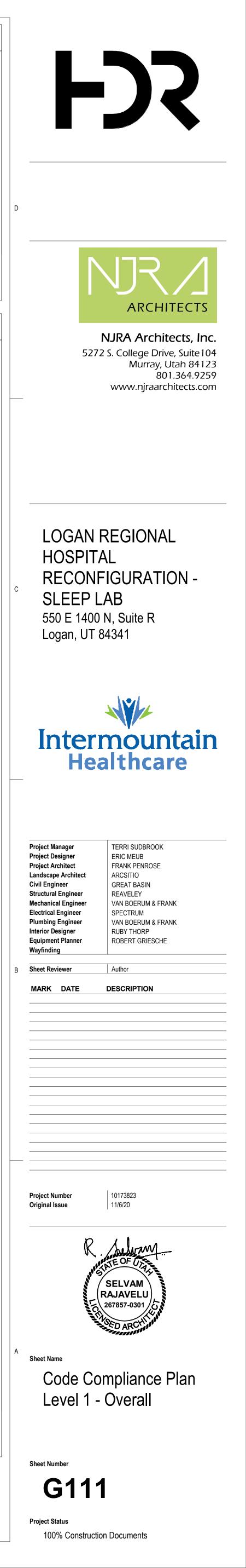
### **KEYED NOTES**

10.19 FIRE EXTINGUISHER AND CABINET. CABINET SHALL BE SEMI RECESSED IN STUD FRAMED WALL. SEE DETAIL 3/A506A.

### **CODE REVIEW** APPLICABLE CODES International Building Code (IBC) with Utah amendments 2018 International Existing Building Code (IEBC) with Utah amendments 2018 International Fire Code (IFC) with Utah amendments 2018 International Mechanical Code (IMC) with Utah amendments 2018 International Plumbing Code (IPC) with Utah amendments 2018 ANSI/ASHRAE/IES Standard 90.1 2010 National Electric Code (NEC) with Utah amendments 2017 NFPA 101 Life Safety Code 2018 ANSI 117.1 2009 Accessible and usable buildings and facilities 2009 ADA Standards for accessible design 2010 Guidelines for design and construction of hospital and healthcare facilities 2010 OCCUPANCY CLASSIFICATION Business Group: **B REQUIRED SEPARATION OF OCCUPANCIES** (Table 508.4, Page 115) Between B & B: No Speparation Required. 1 hour provided between adjacent suites. FIRE SPRINKLER SYSTEM Non Sprinkled. Building is not required to be equipped with an automatic sprinkler system. **CONSTRUCTION TYPE** Building: Type III-B **BUILDING HEIGHT** (Table 504.3, Page 104) Allowable Building Height: 55 feet Actual Building Height: 16 feet & 8 inches NUMBER OF STORIES (Table 504.4, Page 106) Allowable Number of Stories (Occupancy – B): 4 Actual Number of Stories: 1 <u>FLOOR AREA</u> (Table 506.2, Page 109) Allowable Floor Area per Floor (Occupancy – B): 92,000 SF Actual Floor Area on Level 1 – (Occupancy – B): No Change (2,652 SF) FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (Table 601, Page 119) Primary structural frame: 0 hour Bearing walls – Exterior: 0 hour (FireSeparation >30') Bearing walls – Interior: 0 hour Nonbearing walls and partitions – Exterior: 0 hour Nonbearing walls and partitions – Interior: 0 hour Floor construction and associated secondary members: 0 hour Roof construction and associated secondary members: 0 hour FIRE-RESISTANCE RATING REQUIREMENTS FOR INCIDENTAL USES (ROOM OR AREA) (Table 509, Page 116) Storage Rooms greater than 100 SF: 1 hour or Automatic Sprinkler System Waste and Linen Collection Rooms: 1 hour or Automatic Sprinkler System SPACES WITH ONE EXIT OR EXIT ACCESS DOORWAY (Table 1006.2.1, Page 262) Maximum Occupant Load of Space (Occupancy – B): 49 Actual Occupant Load : 2,652/100 = 27 Occupants COMMON PATH OF EGRESS TRAVEL Per table 1006.2.1 for B Occupancy with occupant load < 30 occupants: 100 feet EXIT ACCESS TRAVEL DISTANCE (Table 1017.2, Page 285) Maximum Travel Distance (Occupancy – B): 200 feet (Without sprinkler system) CORRIDOR FIRE-RESISTANCE RATING (Table 1020.1, Page 287) Corridor Walls with occupant load < 30 occupants (Occupancy B-Non Sprinkled): 0 hour MINIMUM CORRIDOR WIDTH (Table 1020.2, Page 287) Minimum corridor width required: 44 inches Actual corridor width provided: 60 inches DEAD END CORRIDORS (Page 146) Occupancy – B: Per section 1020.4 Ded End requirements are not applicable to single exit spaces. MEANS OF EGRESS SIZING (Page 252) Stairway Width (Occupant load X 0.3 inches) • N/A Egress Component Width other than Stairway (Occupant Load X 0.2 inches) Minimum Required (27 occupants X 0.2) = 5.4 inches. Actual Provided = 36 inches **PLUMBING FIXTURE REQUIREMENTS** REQUIRED PROVIDED Water Closets: Urinals: Lavatories: Service Sinks: Eye Wash Station: Drinking Fountain: Nourishments will be provided to all patients. No visitors in sleep lab.

NORTH

VIEW & PRINT THIS SHEET IN COLOR FOR CLARITY



	5	4
	1. Design Criteria	5
	1.1. Governing Building Code	
	<ul> <li>1.2. Floor Live Loading</li> <li>A. Sleep Lab</li></ul>	
	1.3. Roof Live Loading	
	<ul> <li>A. Roof Live Load</li></ul>	
	<ol> <li>Snow Exposure Factor, C<sub>e</sub></li></ol>	
	5. Slope Factor, C <sub>s</sub> 1.0 1.4. Earthquake A. Seismic Design CategoryD	
D	B. Spectral Response Accelerations $S_s = 1.05g$ $S_{DS} = 0.76g$ $S_1 = 0.35 g$ $S_{D1} = 0.46 g$	6. V
	C. Soil Site Class	6
	D. Basic Seismic-Force-Resisting SystemLight Framed Wood Shear Walls $R = 6.5$ $\Omega_0 = 3.0$ $C_d = 4.0$ E. Importance Factor, I <sub>e</sub>	
	F. Redundancy Factor, ρ	6
	1.5. Wind A. Basic Design Wind Speed, V	
	<ul> <li>B. Allowable Stress Design Wind Speed, V<sub>asd</sub></li></ul>	
	<ul> <li>E. Exposure categoryD</li> <li>F. Internal Pressure Coefficient, GC<sub>pi</sub>0.18</li> <li>G. Topographic Factor, K<sub>zt</sub>1.0</li> </ul>	
	H. Components and Cladding Design Pressure	
_	Design Wind Pressure - LRFD (psf)         Location       Tributary Area (ft²)         < 10	
	Walls         Within 4.4 ft of building corner         29.6         25         23         18.5           All other areas         24         21.7         20.7         18.5	
	Within 6.6 ft of building exterior perimeter       69.4       54.2       47.6       32.4         Between 6.6 ft and 13.2 ft of building       Image: Comparison of the second	
	RoofDetween 0.0 it and 13.2 it of building exterior perimeter50.943.34032.4All other areas38.632.730.124.2	
	1.6. Foundation	
	A. Subsurface Conditions: Soil Bearing Pressure is1500 psf on compacted fill, as shown on the existing drawings by Architectural Design West Inc and dated 6/28/1979	
	2. Earthwork	
	2.1. Compacted structural fill: Structural fill shall be provided at all locations and extents described by the	
C	TYPICAL COMPACTED STRUCTURAL FILL DETAIL. All fill material shall be a well-graded granular material with a maximum size less than 4 inches and with not more than 10 percent passing a No.	
	200 sieve. It shall be compacted to 95 percent of the maximum laboratory density as determined by ASTM D1557. All fill shall be tested (See Specifications and the Quality Assurance section of the GSN).	
	2.2. It shall be the responsibility of the Contractor to brace and shore excavations as required.	
	3. Concrete	
	3.1. Materials shall comply with the Standards specified in American Concrete Institute (ACI) 318-14, "Building Code Requirements for Structural Concrete." A. Concrete mix design requirements shall be as follows:	
	fc atMaxAirMaxExposureLocation28 daysW/CContentAggregateClasses*	
	Footings         3000         0.50         -         1"         F0         S0         C0           All other site cast concrete         4500         0.45         6         1"         F1         S0         C1	6
	<ul> <li>* Exposure Classes are per ACI 318, Section 19.3.1.1, where F, S and C are exposure categories for freezing and thawing, sulfate, and corrosion protection of reinforcement, respectively.</li> <li>B. Cementitious Materials:</li> </ul>	
	<ol> <li>Portland Cement (ASTM C150):</li> <li>a. Type I or II for exposure class S0.</li> <li>2. Fly Ash (ASTM C618, Class C or F): maximum fly ash content as a percentage of total weight</li> </ol>	
	of cementitious materials shall be 25 percent. C. Concrete Density (Maximum Air Dry Weight): 1. Normal weight concrete shall be approximately 145 to 155 pounds per cubic foot. Aggregate	
	shall be ASTM C33. D. Steel Reinforcement: 1. ASTM A615 Grade 60, fy = 60,000 psi min. unless noted otherwise.	
	<ul> <li>E. Fiber Reinforcement:</li> <li>1. Synthetic Micro-Fiber: fibrillated polypropylene micro-fibers engineered and designed for use in concrete, complying with ASTM C 1116, 1/2 to 1-1/2 inches long. Add to concrete at a</li> </ul>	
	dosage rate of 1.5 lb/cu yd where indicated. 2. Macrosynthetic Fibers: monofilament, non-fibrillating fibers made of a polypropylene/polyethylene blend. Macro fibers shall comply with ASTM C 1116, Type III, and	
	meet the criteria of ASTM D 7508. a. Where noted in the Steel Deck Schedule, macrosynthetic fibers shall be added to concrete	
	over steel deck at a dosage rate determined by the fiber manufacturer but not less than 4 lb/cu yd. b. Do not burn off exposed fibers.	
	<ul> <li>F. Admixtures:</li> <li>1. Air-entraining admixtures, comply with ASTM C 260 (when used).</li> <li>a. Tolerance on air content as delivered shall be +/- 1.5%.</li> </ul>	
В	<ul> <li>b. When air content of a trowel finished floor slab exceeds 3%, there is an increased risk for delaminations and blistering to occur. When this situation is present, the Contractor shall pay special attention to the finishing procedures to help minimize such risks. Refer to ACI</li> </ul>	
	302.1R-15 "Guide for Concrete Floor and Slab Construction" for proper finishing guidelines. 2. The use of super plasticizers and water reducers is allowed, but not required.	
	<ol> <li>Calcium chloride or admixtures containing calcium chloride shall not be added to the concrete mix.</li> <li>Chloride Ion: Maximum water soluble chloride ion concentrations in hardened concrete at age</li> </ol>	
	between 28 and 42 days contributed from the ingredients including water, aggregates, cementitious materials, and admixtures shall not exceed a maximum, by weight of cement, of 1.00% for concrete with exposure class C0, 0.30% for concrete with exposure class C1, 0.15%	
	for concrete with exposure class C2, and 0.06% for all prestressed concrete. H. Slump Limit: 4 inches, maximum for all concrete prior to the addition of plasticizers and water reducing admixtures. The concrete supplier shall indicate the final slump of each concrete mix in	
	the submitted mix design. I. Only one grade or type of concrete shall be poured on the site at any given time.	6
	3.2. Formwork shall comply with ACI Standards Publication 347 and the project specifications. The Contractor shall be responsible for the design, detailing, care, placement and removal of the formwork and shores	
	and shores. 3.3. Concrete cover requirements for deformed bar reinforcing steel shall comply with ACI 318, "Building Code Requirements for Structural Concrete".	
	<ul> <li>A. Cast-in-place Concrete: Specified Cover</li> <li>1. Cast against and permanently exposed to earth:</li></ul>	
	#5 and smaller bars1.1/2"	
	3.4. No aluminum conduit or product containing aluminum or any other material injurious to concrete shall be embedded in concrete.	
	A Structural Stool	
	<ul><li>4. Structural Steel</li><li>4.1. Steel Lintels</li></ul>	
	A. Provide steel angle lintels at all openings through the masonry veneer. Provide one inch of bearing for each foot of width of opening, with a minimum bearing of six inches. See the STEEL ANGLE LINTEL SCHEDULE for size.	
	5. Cold-Formed Steel	
	5.1. Material: A. Studs:	
	<ol> <li>Base metal thickness of less than 54 mil: ASTM A1003 or A653, Fy = 33 ksi.</li> <li>Base metal thickness of 54 mil or greater: ASTM A1003 or A653, Fy = 50 ksi.</li> <li>Track, Connection Clips, and Miscellaneous Shapes:</li> </ol>	
	<ul> <li>B. Track, Connection Clips, and Miscellaneous Shapes:</li> <li>1. Base metal thickness of less than 54 mil: A1003 or A653, Fy = 33 ksi.</li> <li>2. Base metal thickness of 54 mil or greater: A1003 or A653, Fy = 50 ksi</li> </ul>	
	<ul><li>5.2. Design, fabrication and construction shall comply with the following Codes and Standards:</li><li>A. American Iron and Steel Institute (AISI) S100-16, "North American Specification for the Design of</li></ul>	
	Cold-Formed Steel Structural Members", dated 2016. B. American Iron and Steel Institute (AISI) S202-15: Code of Standard Practice for Cold-formed Steel Framing, 2015	
	<ul> <li>C. American Iron and Steel Institute (AISI) S220-15, "North American Standard for Cold-Formed Steel Framing-Nonstructural Members."</li> <li>D. American Iron and Steel Institute (AISI) S240-15: North American Standard for Cold-Formed</li> </ul>	6
	<ul> <li>Steel Structural Framing</li> <li>E. American Iron and Steel Institute (AISI) S400-15/S1-16: North American Standard for Seismic Design of Cold-formed Steel Structural Systems, 2015, with Supplement 1, dated 2016.</li> </ul>	
	200ign of Cold-formed Geor Gradiara Oystems, 2013, with Supplement 1, uateu 2010.	
1		

- 5.3. Welding:
- A. The steel stud contractor shall 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. Unless noted otherwise, all welded connections shall be done using 1/8" AWS type 6013 or 7014 rod with a welding heat of 60-110 amperes depending on the gauge of material and the fit of the parts. Wire tying of framing components shall not be permitted. Welds and damaged coatings on studs shall be repaired with zinc galvanizing repair paint.

### Wood

- 6.1. Fabrication and construction shall comply with the following Codes and Standards: A. American Wood Council National Design Specification for Wood Construction 2018 Edition and
- Supplement (NDS and NDS Supplement) B. American Wood Council Special Design Provisions for Wind and Seismic 2015 Edition (SDPWS) C. Truss Plate Institute National Design Standard for Metal-plate-connected Wood Truss Construction 2014 Edition (TPI 1)
- 6.2. Materials: A. Sawn Lumber: Members shall be identified by the grade mark and shall conform to the requirements of DOC PS 20. 1. Dimension Lumber: Members shall be Number 2 Douglas Fir-Larch or better or as noted
- otherwise. 2. Heavy Timber: Timbers larger than 5"x5" shall be Douglas-Fir Larch Number 1 or better or as noted otherwise, as graded by WWPA. B. Glued Laminated Timber (Glulam): Glulam shall conform to ANSI/AITC A 190.1 and ASTM D
- 3737. All Glulams shall meet the requirements for Stress Class 24F-1.8E as specified in Table 5A of the NDS Supplement. A balanced layup is required for all continuous multi-span beams, cantilever beams, columns, and where specifically noted. C. Prefabricated Wood I-Joists: I-joists shall conform to ASTM D 5055. I-joists specified on the
- drawings are intended to be the basis of design. Prefabricated wood I-joists that are equivalent to or better than the specified products shall be submitted for approval, and shall include El values, moment capacities, and maximum vertical shear capacities. D. Structural Composite Lumber: All Structural Composite Lumber Shall Comply with the requirements of ASTM D 5456. Engineered Wood Rim Board shall comply with ANSI/APA PRR

410 or ASTM D 76	72.	•		•
Composite lumber type	Bending stress, Fb, (psi)	Shear Stress, Fv, (psi)	Modulus of Elasticity, E, (ksi)	Bearing Stress, Fc⊥ (psi)
Laminated Veneer Lumber (LVL)	2600	285	1900	750
Parallel Strand Lumber (PSL)	2900	290	2000	750
Laminated Strand	1700	400	1700	690

1700 400 1700 680 Lumber (LSL) E. Wood Structural Panel Sheathing: All panels shall be rated by the American Plywood Association (APA). Panels shall bear the stamp of an approved testing and grading agency. Panels shall be grade DOC PS 1 or PS 2 with exterior glue with the following panel span rating, unless noted

	otherwis	se.							
	Area	to be sheat	hed	Span Rating			Minimum Thickness (in)		
		Roofs		40/20		19	19/32		
		Floors		24 o.c. or	48/24	23	3/32		
		Walls		24/0		:	3/8		
F.		referenceo g properties		documents s	hall n	neet the tolerand	ces in ASTM	F166	67 and have t
					Con	nmon	Ga	lvan	ized Box
	Nail Size	Length	Minimum Penetratio			Dowel Bending Yield Strength (psi)	Shank Diameter		Dowel Bendir Yield Strengt (psi)
	6d	2"	1.1/8"	0.113	,	100.000	0.099"		100.000

 
 1.3/8"
 0.131"
 100,000

 1.1/2"
 0.148"
 90,000
 100,000 90,000 80,000 When used to attach structural sheathing nails shall be common or galvanized box type nails. All other nails shall be common type nails.

G. Bolts for connections: ASTM A307 with ASTM A563 heavy hex nuts and standard washers unless noted otherwise. H. Lag screws for connections: SAE J429 Grade 1 or ASTM A307 Grade A with dimensions per ANSI/ASME B18.2.1. Minimum dowel bending yield strength to be 45,000 psi

### 6.3. Special Treatments: A Preservative Treatment

- 1. The following conditions require that wood members be either naturally durable or preservative a. Joists and structural floors less than 18 in from exposed earth.
- b. Girders less than 12 in from exposed earth. c. All wood in contact with concrete or masonry which is less than 8 in from exposed earth or below grade.
- d. Sleepers, sills, posts or columns on floor slabs in direct contact with earth. Wood members and siding less than 2 vertical inches from any horizontal surface exposed to the weather e. Any wood member exposed to the weather without covering or protection to prevent water or moisture accumulation.
- 2. Preservative-treated wood shall meet the requirements in IBC Section 2303.1.9. Preservativetreated wood shall be treated to meet the requirements of AWPA Standard U1 and M4 according to species, use, and preservative. Preservatives used shall be listed in AWPA U1, Section 4. Preservative-treated wood shall be identified by the mark of an accredited inspection agency. Preservative treated wood shall have a moisture content of less than 19% prior to being enclosed or covered. B. Fire-Retardant-Treated Wood:
- 1. Fire retardant-treated wood shall meet requirements in IBC Section 2303.2. Fire-retardanttreated wood shall be treated to meet a flame spread index of 25 or less and show no evidence of significant progressive combustion when the test is continued for 20 minutes per ASTM E 84 or UL 723. 2. Treatment methods shall provide permanent protection to all surfaces
- 3. All fire retardant treated wood products shall be labeled per the requirements of section 2303.2.4 of the IBC.
- 4. Strength adjustment factors resulting from fire retardant treatment shall be determined based on the requirements of IBC sections 2303.2.5 and all subsections thereof. Strength adjustment factors for the preservative treatments used shall be submitted to the Engineer of Record for review prior to procurement of materials. 5. Moisture content of fire retardant treated wood shall be 19% or less for lumber and 15% or
- less for structural panels prior to use. C. Fasteners, including nuts and washers, in contact with treated wood shall meet the following criteria as per IBC Section 2304.10.5:
- 1. Fasteners in contact with preservative-treated wood shall be hot-dipped galvanized steel, stainless steel, silicon bronze or copper. Fasteners other than nails, wood screws, timber rivets, and lag screws may be mechanically-deposited zinc-coated steel with coatings meeting ASTM B 695, Class 55 minimum. Fasteners used in exterior applications shall be per fastener manufacturer's recommendations.
- 2. Fasteners in contact with fire-retardant-treated wood shall be hot-dipped galvanized steel, stainless steel, silicon bronze or copper. Fasteners other than nails, wood screws, timber rivets, and lag screws may be mechanically-deposited zinc-coated steel with coatings meeting ASTM B 695, Class 55 minimum.

### 6.4. General Framing and Carpentry

- A. Minimum Nailing Requirements (See drawings for areas with greater requirements): 1. Roof: Use two plyclips between each support for spans of 48" o.c. and one plyclip between each support for lesser spans at all unsupported panel edges. Provide 1/8" gap between panels. Typical diaphragm nailing shall be 10d common nails. Nail all diaphragm boundaries at 6" o.c. Nail all supported sheathing panel edges to a common framing member at 6" o.c. At
- sheathing supports away from panel edges nailing shall be at 12" o.c. 2. Floor: Nail all sheathing panels to common framing members with 10d common nails at 6" o.c. at all supported edges and 10d at 12" o.c. at all intermediate supports. 3. Walls: All sheathing panel edges shall be nailed with 8d common nails at 6" o.c. to common
- framing members or panel edge blocking, unless noted otherwise. Sheathing shall be nailed at 12" o.c. at all intermediate supports (3/8" or 7/16" panels on studs spaced at 24" o.c. requires 6" spacing at all intermediate supports). All abutting shear wall panel edges shall be blocked with panel edge blocking. Where nominal 3 in members are required at panel edges, panel edge blocking shall also be 3 in nominal thickness if placed perpendicular to sheathing.
- 4. All nailing through structural wood panels shall be 3/8 in minimum from panel edges. B. Connect all items as per the "Minimum Nailing Schedule" contained within the contract drawings and IBC Table 2304.10.1, "Fastening Schedule", unless noted otherwise. C. All blocking shall, unless noted otherwise, be nominally 2 in thick minimum and fit tight against adjacent framing members.
- 1. Full-depth blocking shall match the depth of adjacent framing member depths. Full-depth blocking shall be shaped to match diaphragm slope. Full-depth blocking cut from I-joist material of the same depth as the l-joists used in floor/roof construction may be used for flat floors or roofs.
- 2. Panel edge blocking and solid blocking may be turned flat against sheathing or other framing, unless noted otherwise. 3. Where required, squash blocking shall match wall stud nominal thickness, spacing, and shall align with wall studs.
- D. Provide full-depth blocking between all framing members that bear directly on walls. E. Full-depth blocking between joists shall be nailed to the wood plate at the top of shear walls with one Simpson "A35" framing anchor per each piece of blocking, unless noted otherwise.
- F. Coordinate size and locations of middle or end notching for roof ventilation with architectural drawings G. Plies of built-up beams, headers, etc. shall be connected together per the TYPICAL BUILT-UP BEAM ASSEMBLIES detail.
- H. Plies of built-up columns, jambs, studs, etc. shall be connected together per the TYPICAL BUILT-UP COLUMN ASSEMBLIES detail.
- I. All required bridging and bracing for prefabricated wood I-joists shall be provided by joist manufacturer and installed by Contractor. All penetrations through the joists shall be done per manufacturers' recommendations and requirements. J. Lateral support of non-bearing walls shall be provided per TYPICAL WOOD NON-BEARING
- WALL BRACING DETAIL. Framing members shall not bear on non-bearing walls. 6.5. Framing Connections
- A. Simpson Strong Tie Connectors are used as the basis of design. Alternate connectors are permitted with approval of the Engineer. The Contractor shall submit the proposed product data and code evaluation report demonstrating the connector is equivalent or exceeds the capacity of the specified connector.

- B. Framing connections not indicated shall be connected in a manner similar to typical details in the drawings and the Engineer shall be notified prior to the procurement of connector materials.
- C. Where framing connection type is specified without reference to a specific model no. the highest capacity model hanger of that type which is compatible with the member to be supported shall be
- used unless noted otherwise in the drawings. D. All framing connectors supporting roof members where additional uplift capacity is available shall
- be fastened to achieve such. E. Fill holes in the framing anchors per manufacturer's requirements, unless noted otherwise.

### 7. Miscellaneous

- 7.1. Post-Installed Anchors in Concrete and Masonry A. Anchorage to hardened concrete and grout-filled masonry shall include all mechanical and adhesive anchors and epoxy doweled reinforcing bars of 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 preapproved products, unless noted otherwise:

Steel Screw Anchor	Eval
Hilti KWIK HUS-EZ	ICC
DeWalt Screw-Bolt+	ICC
Simpson Titen HD	ICC
Steel Expansion/Wedge Anchor	Eval
Hilti KWIK Bolt TZ	ICC
DeWalt Power-Stud+ SD2	ICC
Simpson Strong-Bolt 2	ICO
Adhesive Anchor System	Eval
Hilti HIT-HY 200	ICO
Hilti HIT-RE 500 V3	ICC
DeWalt AC200+	ICO
DeWalt Pure 110+	ICO
Simpson SET-3G	ICO

2. Adhesive anchors shall be installed into concrete having a minimum age of 21 days. For installations sooner than 21 days, consult the adhesive manufacturer. D. Anchorage to Masonry: 1. All post-installed anchors into grout-filled masonry shall be selected from the following pre-

approved products, unless noted otherw	/ise:
Steel Screw Anchor	Eval
Hilti KWIK HUS-EZ	ICC
DeWalt Screw-Bolt+	ICC
Simpson Titen HD	ICC
Steel Expansion/Wedge Anchor	Eval
Hilti KWIK Bolt TZ	ICC
DeWalt Power-Stud+ SD1	ICC
Simpson Wedge-All	ICC
Adhesive Anchor System	Eval

- Hilti HIT-HY 270 DeWalt AC100+ Gold
- E. 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. F. Installation of adhesive anchors horizontally or upwardly inclined to support sustained tension
- 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. G. 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. Adhesive mixing, preparation, and placement 3. Installation torque H. Locate all existing reinforcement and embedded items prior to drilling into concrete or masonry
- elements. Do not damage rebar or embeds while drilling or installing anchors. I. 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 exposed concrete. J. Drilled anchors are not allowed in post-tensioned concrete without approval of the Architect and Engineer.
- K. Carbon steel anchors are limited to use in dry, interior locations. L. Holes for post-installed anchors may not be core drilled unless specifically allowed by the

manufacturer's installation instructions and the code evaluation report.

### 8. Special Instructions

- 8.1. 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.
- 8.2. 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.
- 8.3. 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.

### 8.4. Shoring and Bracing Requirements:

- A. Floor and Roof Structures -- 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.
- B. Foundation walls must be braced until the complete floor or roof systems is completed. Do not backfill until floor or roof systems are in place.
- considered to be self-supporting.

### 8.5. All expansion joints (E.J.) shown in the structural drawings shall be considered seismic separation joints, unless noted otherwise.

- 8.6. 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.
- 8.7. 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.
- 8.8. 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.
- 8.9. 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.

### 9. Quality Assurance

- 9.1. Quality Assurance Agency Requirements: A. The Owner shall engage a gualified Quality Assurance Agency (QAA) to provide all special
- necessary for the building 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
- be confirmed. 2. The QAA shall have adequate equipment to perform required tests. The equipment shall be periodically 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 projects of similar complexity and material gualities. 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

CESR-3027 ESR-3889 C ESR-2713 aluation Repor CESR-1917 ESR-2502 CESR-3037

aluation Report CESR-3187 ESR-3814 ESR-4027 ESR-3298 **ICC ESR-4057** 

aluation Report
CC ESR-3056
CC ESR-4042
CCESR-1056
aluation Report
CC ESR-3785
C ESR-2966
C ESR-1396

CESR-4143 ICC ESR-3200

loads shall be performed by personnel certified by an applicable certification program.

C. Walls above grade shall be braced until the structural system is complete. Walls shall not be

inspection and quality assurance testing for the project. The QAA shall provide all information design professional in responsible charge possible conflicts of interest so that objectivity can

distributed to the building official, Owner, Architect and Engineer in a timely manner prior to the completion of the project.

### 9.2. 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. 9.3. 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 approval of construction.

### **10. Statement of Special Inspections**

- 10.1. The following materials, systems and components require special inspection or testing per Chapter 17 of the International Building Code (IBC).
- 10.2. 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.

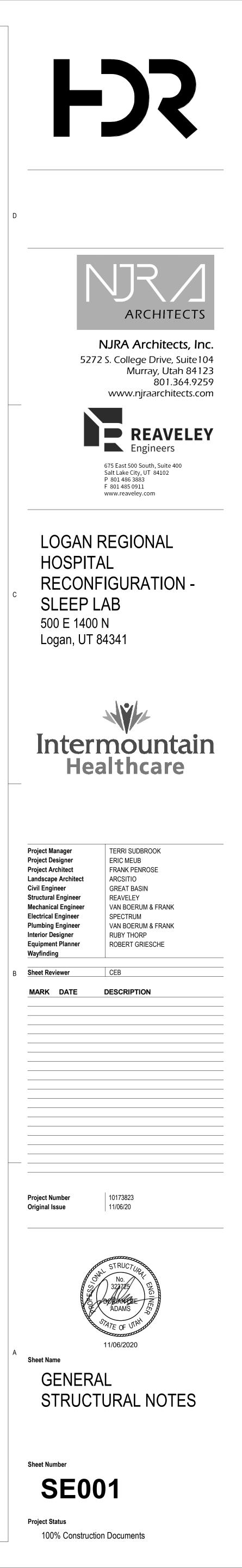
### Wood Construction per IBC Sections 1705.5, 1705.10.1 & 1705.11.2

Item	Frequency	Detailed Instructions
High-load diaphragms	Periodic	Verify thickness and grade of sheathing, size of framing members at panel edges, nail/staple diameters and length, and the number of fastener lines and fastener spacing per approved plans.
Structural wood	Periodic	If fastener spacing is less than 4"o.c. for either diaphragm or shear wall fastening: Verify that proper nailing, bolting, anchoring and other fastening of shear walls, diaphragms, drag struts, braces, shear panels and holdowns has occurred.

Detailed Instructions

### Frequency Item Verify subgrade is adequate to

Verify subgrade is adequate to achieve design bearing capacity	Periodic	Prior to placement of concrete.
Verify excavations extend to proper depth and material	Periodic	Prior to placement of compacted fill or concrete.
Verify that subgrade has been appropriately prepared prior to placing compacted fill	Periodic	Prior to placement of compacted fill.
Perform classification and testing of compacted fill materials	Periodic	All materials shall be checked at each lift for proper classifications and gradations not less than once for each 10,000ft <sup>2</sup> of surface area.
Verify proper materials, densities and lift thicknesses during placement and compaction.	Continuous	



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PLAN LEG	END	
WOOD STUD WALL		EXI
WOOD HEADER IN WOOD STUD WALL		EXIS
 WOOD BEAM OR GIRDER		
 WOOD JOIST OR PURLIN		EXIS REC
WOOD COLUMN		
EXISTING OPENING TO BE INFILLED		EXIS FOL
OPENING		EXIS CON
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STING FOOTING - CONTINUOUS
STING FOOTING - THICKENED SLAB

2

EXISTING FOOTING - SQUARE, RECTANGULAR, OR MAT

XISTING CONCRETE SHEAR WALL, OUNDATION WALL OR RETAINING WALL XISTING OPENING THROUGH ONCRETE WALL

XISTING CONCRETE PIER IN CONCRETE VALL. PIER RECESSED BELOW SLAB.

XISTING CONCRETE COLUMN NEW OPENING THROUGH EXISTING CONCRETE WALL

XISTING WOOD STUD WALL

EXISTING WOOD HEADER IN WOOD STUD WALL

XISTING WOOD COLUMN

XISTING STEEL COLUMN - TUBE XISTING STEEL COLUMN - WIDE FLANGE

XISTING STEEL COLUMN - PIPE

XISTING BEAM OR GIRDER

XISTING JOIST OR PURLIN

XISTING CROSS BRIDGING

2

XISTING HORIZONTAL BRIDGING

XISTING OPENING

	ABBREVIATIONS
) B	AT ANCHOR BOLT (S)
BV	ABOVE
	ALTERNATE APPROXIMATE
RCH	ARCHITECT(URAL)
LDG	BUILDING
LW M	BELOW BEAM
ОТ	BOTTOM
-	BEARING BETWEEN
J	CONSTRUCTION JOINT OR CONTROL
JP	JOINT COMPLETE JOINT PENETRATION
MU	CONCRETE MASONRY UNIT
OL ONC	COLUMN CONCRETE
	CONSTRUCTION
ONT ONTR	CONTINUOUS CONTRACTOR
TR	CENTER
.B. )	DECK BEARING DIAMETER OF REINFORCING BAR
BA	DEFORMED BAR ANCHORS
BL ET	DOUBLE DETAIL
IA (OR Ø)	DIAMETER
IAG IM	DIAGONAL DIMENSION
K	DECK
N WG	DOWN DRAWING
	DOWEL
.F. J.	EACH FACE EXPANSION JOINT (SEISMIC
	SEPARATION JOINT)
	EACH WAY EACH
L	ELEVATION
LEC LEV	ELECTRICAL ELEVATOR
NG	ENGINEER
Q QUIP	EQUAL EQUIPMENT
	EXISTING
	EXPANSION / EXPOSED EXTERIOR
D.	FLOOR DRAIN
F. V.	FINISH FLOOR FIELD VERIFY
v. DTN	FOUNDATION
N	FINISH FLOOR
- Г	FOOT
TG A	FOOTING GAUGE
ALV	GALVANIZED
LB R	GLU-LAMINATED BEAM GRADE
SN	GENERAL STRUCTURAL NOTES
B ORIZ	HORIZONTAL BRIDGING HORIZONTAL
SA	HEADED STUD ANCHORS
SS T	HOLLOW STRUCTURAL STEEL HEIGHT
=.	INSIDE FACE
C C	INTERNATIONAL BUILDING CODE INTERNATIONAL CODE COUNCIL
	INCH
ISUL IT	INSULATION INTERIOR
ST	JOIST
	JOINT KIPS - 1,000 POUNDS
LF	KIPS PER LINEAL FOOT
SF SI	KIPS PER SQUARE FOOT KIPS PER SQUARE INCH
BS	POUNDS
· ) -) )	SEE CONCRETE REINFORCING BAR DEVELOPMENT AND LAP LENGTH
=	SCHEDULE LINEAL FOOT
RS	LATERAL FORCE RESISTING SYSTEM
H	(SFRS & WFRS) LONG LEG HORIZONTAL
V	LONG LEG VERTICAL
SH SV	LONG SIDE HORIZONTAL LONG SIDE VERTICAL
AS	MASONRY
AX CJ	MAXIMUM MASONRY CONTROL JOINT
ECH	MECHANICAL
FGR IN	MANUFACTURER MINIMUM
ISC	MISCELLANEOUS
IC ORM	NOT IN CONTRACT NORMAL
TS	NOT TO SCALE
.C. .F.	ON CENTER OUTSIDE FACE
PNG	OPENING
PP WSJ	OPPOSITE OPEN WEB STEEL JOIST
.Т.	POST-TENSIONED
CF JP	POUNDS/CUBIC FOOT PARTIAL JOINT PENETRATION

	ABBREVIATIONS
PL	PLATE
PLF	POUNDS/LINEAL FOOT
PNL PSF	PANEL POUNDS/SQ FOOT
PSI	POUNDS/SQ INCH
R.D.	ROOF DRAIN
	REINFORCING
REQD	REQUIRED
SFRS SHT	SEISMIC FORCE RESISTING SYSTEM SHEET
SI	SPECIAL INSPECTION (SP. INSP.)
SIM	SIMILAR
SOG	SLAB ON GRADE
SQ STAG	SQUARE STAGGERED
STD	STAOOLINED
STIFF	STIFFENER
STL	STEEL
	STRUCTURAL
T & B T.O.	TOP AND BOTTOM TOP OF
TEMP	TEMPERATURE
THDS	THREADS
TOC	TOP OF CONCRETE
TOCP	TOP OF CONCRETE PIER
TOF TOS	TOP OF FOOTING TOP OF SLAB
TOST	TOP OF STEEL
TOW	TOP OF WALL
TYP	TYPICAL
UNO VERT	UNLESS NOTED OTHERWISE VERTICAL
W.P.	WORK POINT
W/	WITH
WF	WIDE FLANGE
WFRS	WIND FORCE RESISTING SYSTEM
WT WWF	WEIGHT WELDED WIRE FABRIC
YD	YARD
	PLAN MARKS
BF-#	BRACED FRAME
CB-#	CONCRETE BEAM
CC-#	
CCSS-#	CANTILEVERED CONCRETE SUSPENDED SLAB
CDP-#	CONCRETE DRILLED PIER
CFW-#	••••••
CGB-# CJ-#	CONCRETE GRADE BEAM CONCRETE JOIST
	CONCRETE JAMB COLUMN
CL-#	CONCRETE LINTEL
CP-#	CONCRETE PIER
CRW-#	CONCRETE RETAINING WALL
	CONCRETE SLAB ON GRADE CONCRETE SHEAR HEAD
	CONCRETE SHEAR HEAD
	CONCRETE SHEAR WALL
	CONCRETE WALL
FC#	CONTINUOUS FOOTING
FM# FR#	MAT FOOTING RECTANGULAR FOOTING
FS#	SQUARE FOOTING
FTS#	THICKENED SLAB FOOTING
HD-#	HOLD DOWN ANCHOR
MC-# MF-#	MASONRY COLUMN MOMENT FRAME
MF-# ML-#	MOMENT FRAME MASONRY LINTEL
MP-#	MASONRY PIER
	MASONRY WALL
PTB-#	POST-TENSIONED CONCRETE BEAM
SBP-# SC-#	STEEL BASE PLATE STEEL COLUMN
SC-# SCP-#	STEEL COLOMIN STEEL CAP PLATE
SD-#	STEEL DECK
SDA-#	STEEL DECK ATTACHMENT
SG-#	STEEL GIRDER
SJ-# SND-#	STEEL JOIST SNOW DRIFT
	WOOD BEAM
WB-#	
WB-# WBW-#	WOOD BEARING WALL
WBW-# WC-#	WOOD COLUMN
WBW-#	

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S	TRUCTURAL DRAWING LIST
SHT NO.	SHT NAME
SE001	GENERAL STRUCTURAL NOTES
SE002	LEGENDS & ABBREVIATIONS
SB101	FOOTING & FOUNDATION PLAN
SF101	FLOOR FRAMING PLAN
SF102	ROOF FRAMING PLAN
SF501	STRUCTURAL DETAILS

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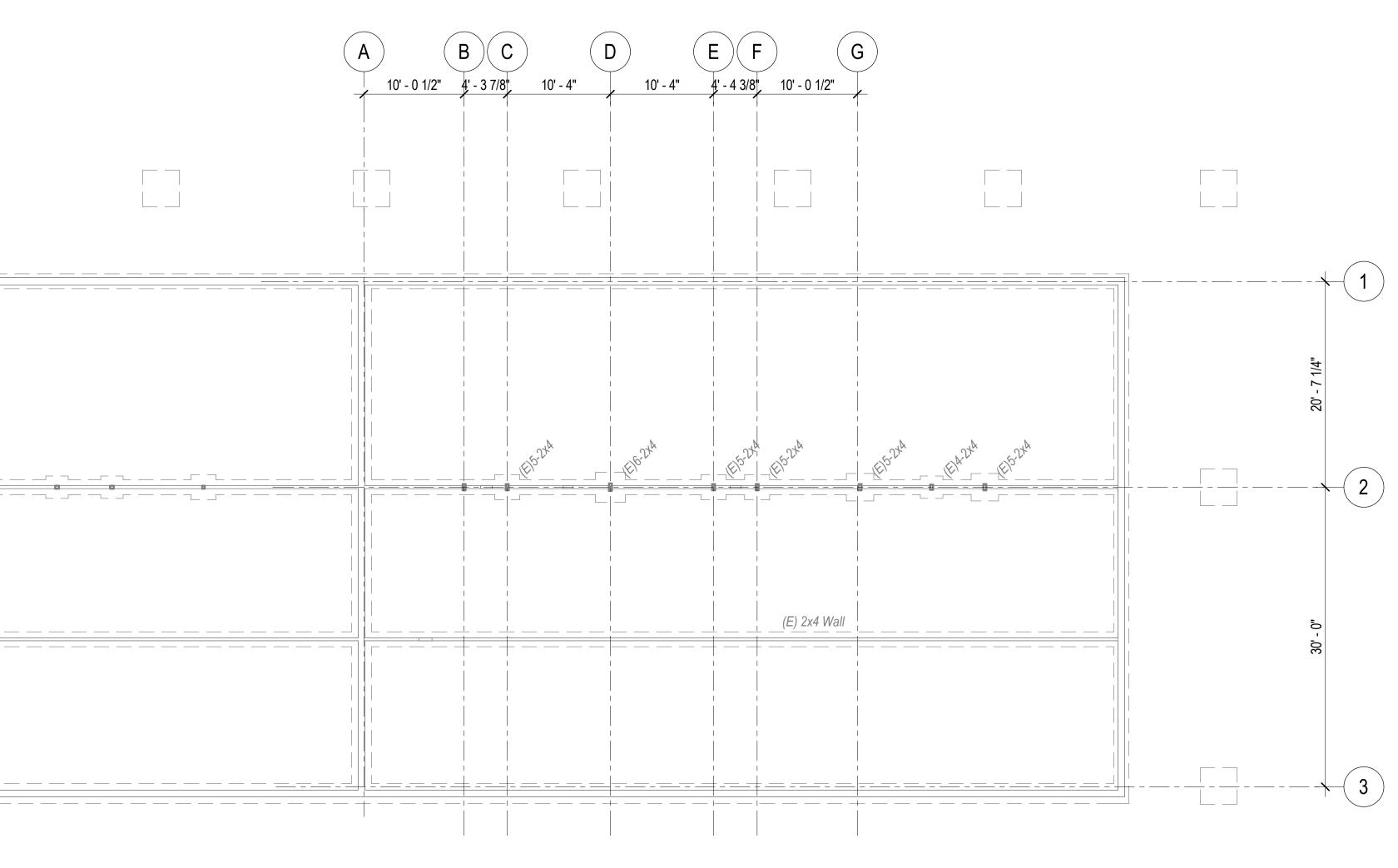
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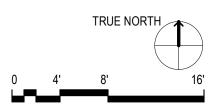
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### EXISTING BUILDING NOTES

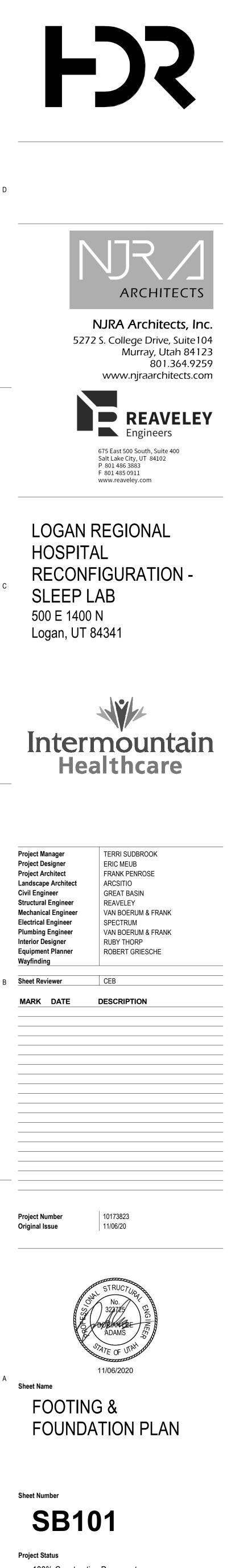
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1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO DETAILING, FABRICATING, ERECTING OR INSTALLING ANY STRUCTURAL ELEMENT. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN TEAM IN A TIMELY MANNER SUCH THAT WORK WILL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

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



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100% Construction Documents

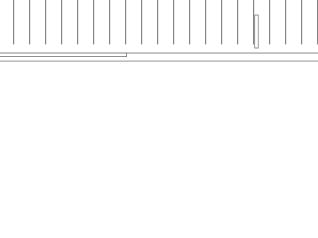
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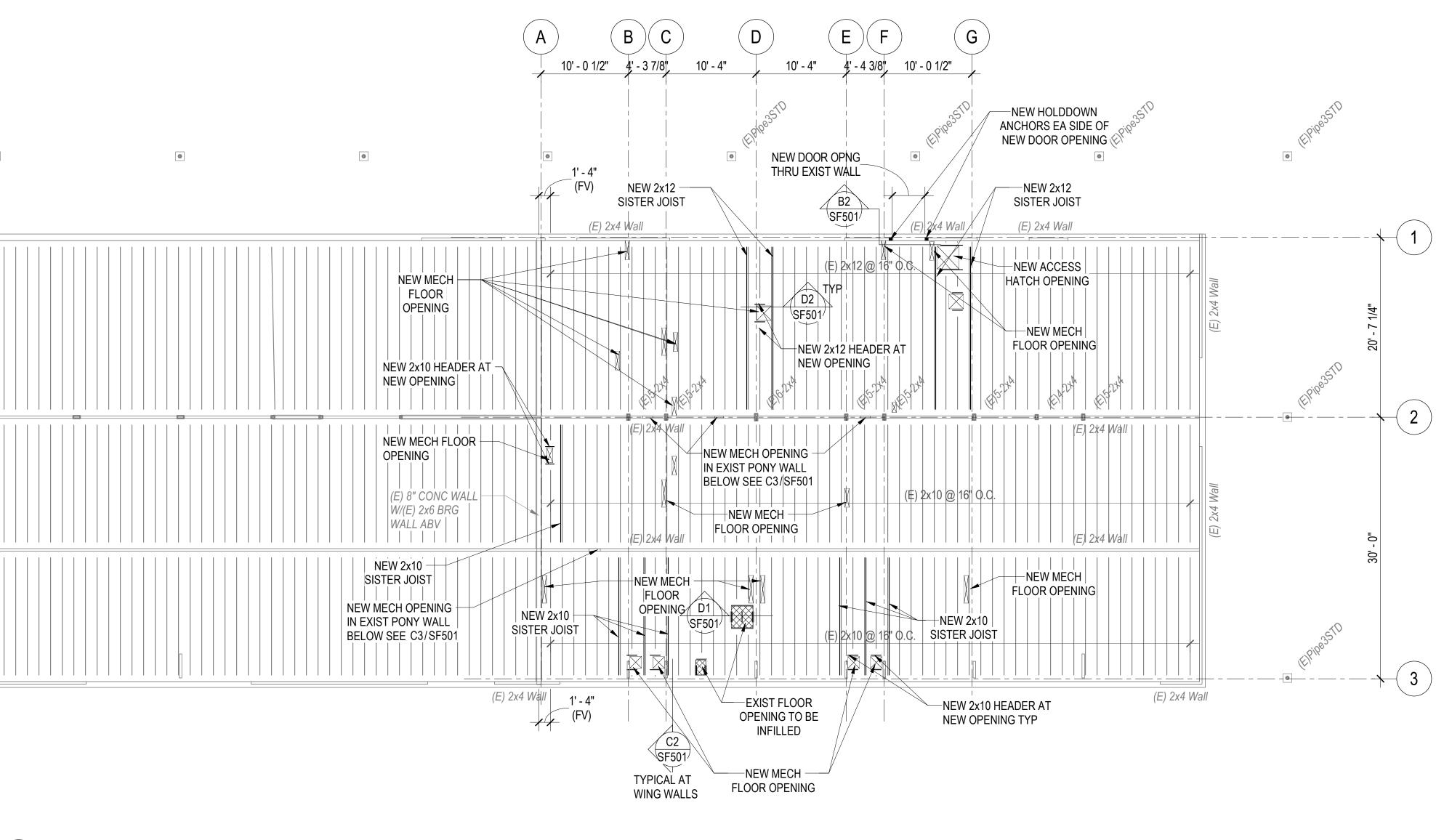




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EXISTING BUILDING NOTES

1

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.

FLOOR FRAMING PLAN NOTES

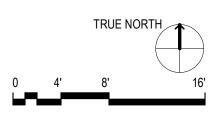
1. COORDINATE SIZE AND LOCATION ALL MECHANICAL FLOOR PENETRATIONS WITH MECH DRAWINGS.

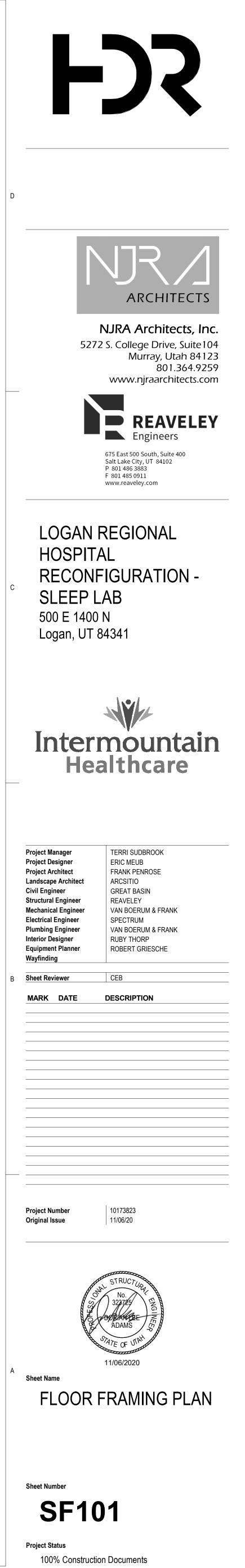
2. COORDINATE SIZE AND LOCATION OF ALL MECHANICAL PENETRATIONS THRU PONY SUPPORT WALL BELOW WITH MECH DRAWINGS. SEE DETAIL C3/SF501 FOR REINFORCING REQUIRED.

3. SEE DETAIL A3/SF501 FOR TYPICAL NON-BEARING INTERIOR STEEL STUD WALL CONNECTION TO EXISTING FLOOR DECK.

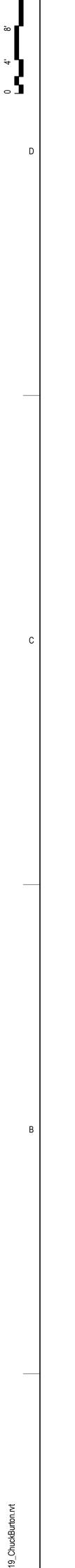
4. SEE D1/SF501 FOR TYPICAL INFILL DETAIL AT EXISTING FLOOR OPENINGS.

5. SEE D2/SF501 FOR TYPICAL NEW OPENING DETAIL IN EXISTING FLOOR.



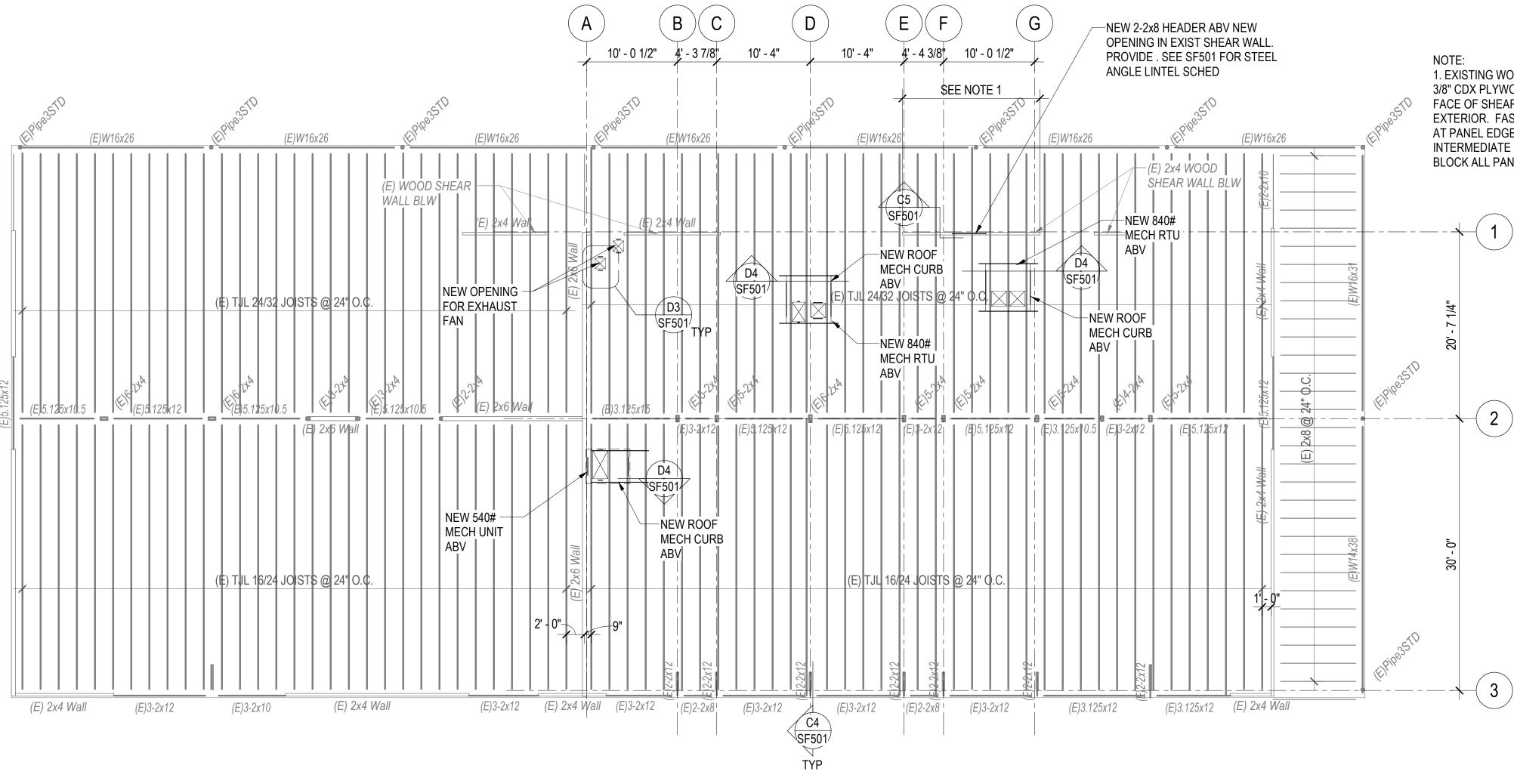




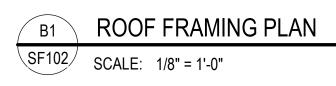


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### EXISTING BUILDING NOTES

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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.

ROOF FRAMING PLAN NOTES

1. COORDINATE LOCATION OF NEW MECHANICAL ROOF TOP UNITS WITH MECHANICAL DRAWING.S

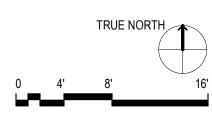
2. SEE DETAIL D4/SF501 FOR NEW FRAMIMG AT NEW MECHANICAL ROOF TOP UNITS.

3. SEE DETAIL D3/SF501 FOR FRAMING AT NEW ROOF OPENING.

4. SEE DETAIL C1/SF501 FOR FRAMING AT NEW HANGING MECHANICAL UNITS.

1. EXISTING WOOD SHEAR WALL, ADD NEW 3/8" CDX PLYWOOD SHEATHING ON INSIDE FACE OF SHEAR WALL TO MATCH EXTERIOR. FASTEN W/10d NAILS @ 4" O.C. AT PANEL EDGES, 8d NAILS AT INTERMEDIATE SUPPORTS @ 12" O.C. BLOCK ALL PANEL EDGES.

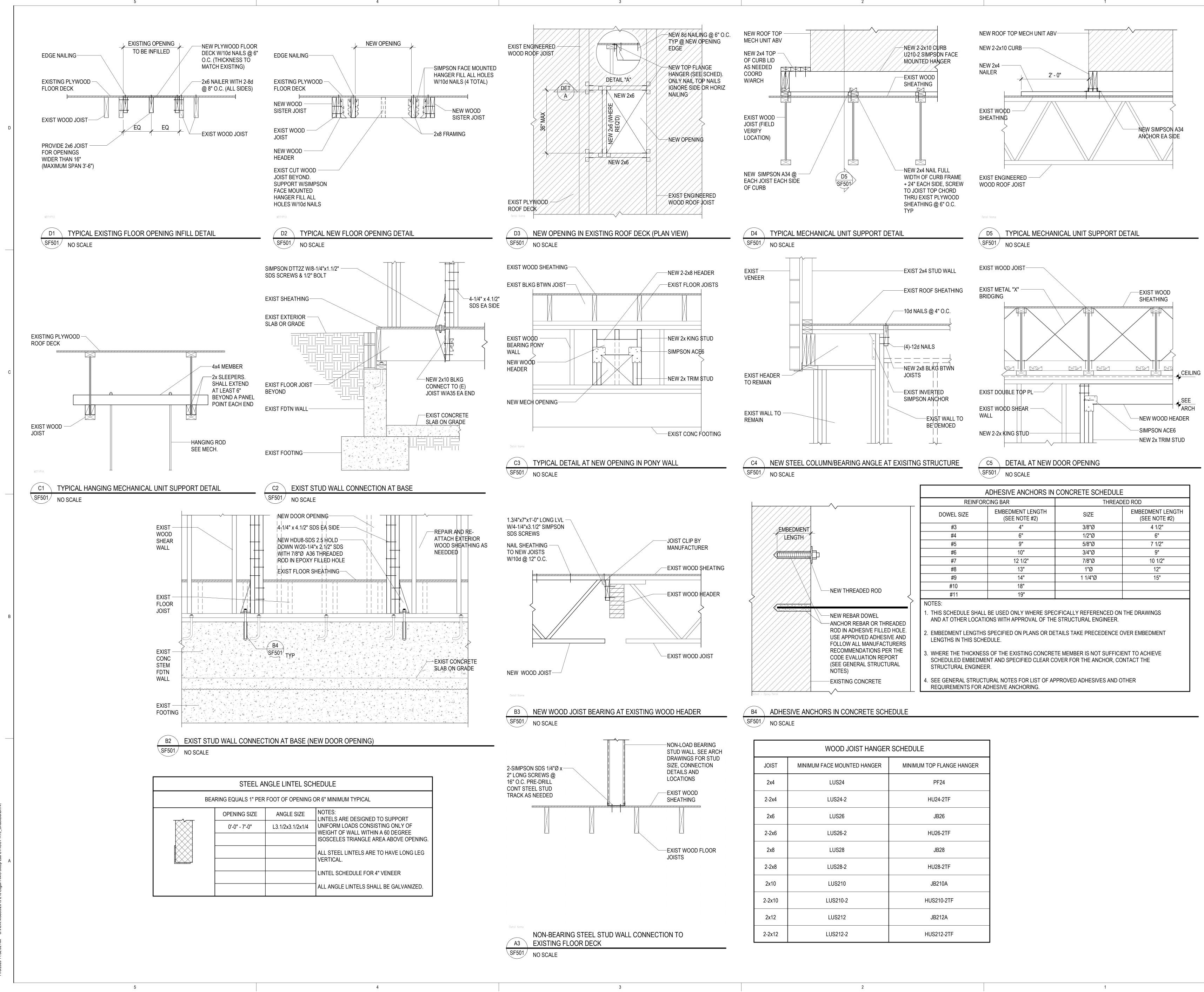
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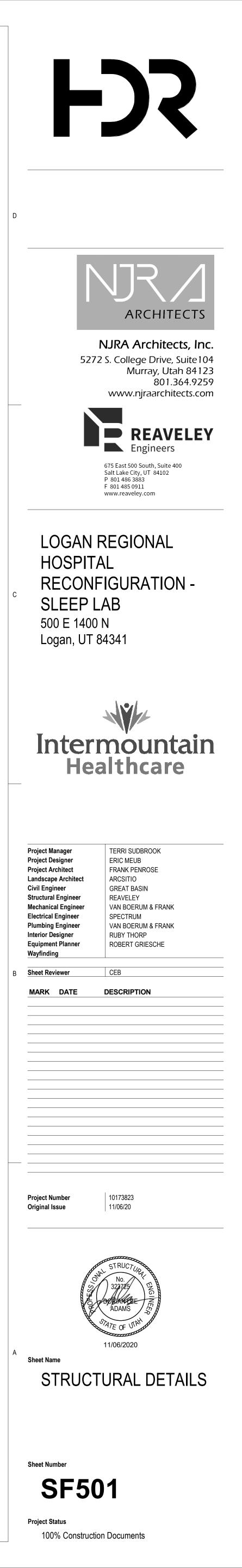
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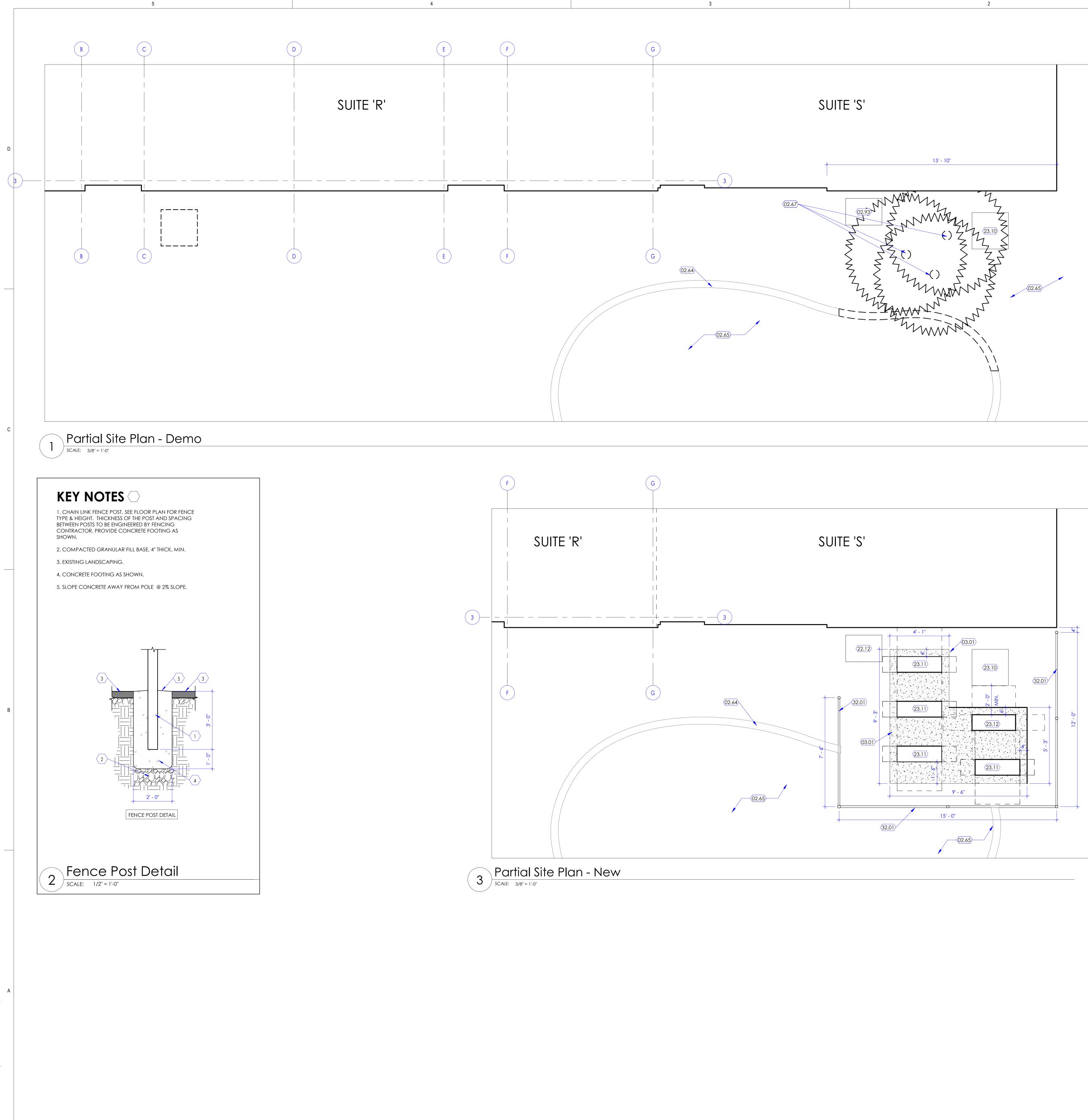


100% Construction Documents



WOOD JOIST HANGER	R SCHEDULE
INIMUM FACE MOUNTED HANGER	MINIMUM TOP FLANGE HANGER
LUS24	PF24
LUS24-2	HU24-2TF
LUS26	JB26
LUS26-2	HU26-2TF
LUS28	JB28
LUS28-2	HU28-2TF
LUS210	JB210A
LUS210-2	HUS210-2TF
LUS212	JB212A
LUS212-2	HUS212-2TF





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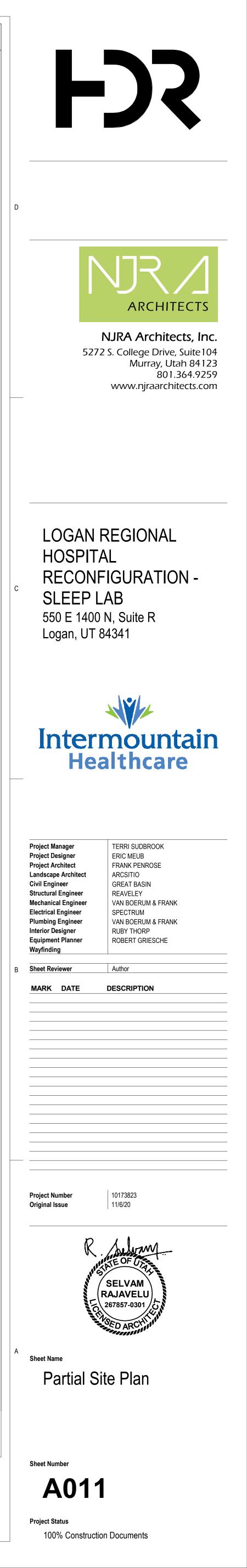
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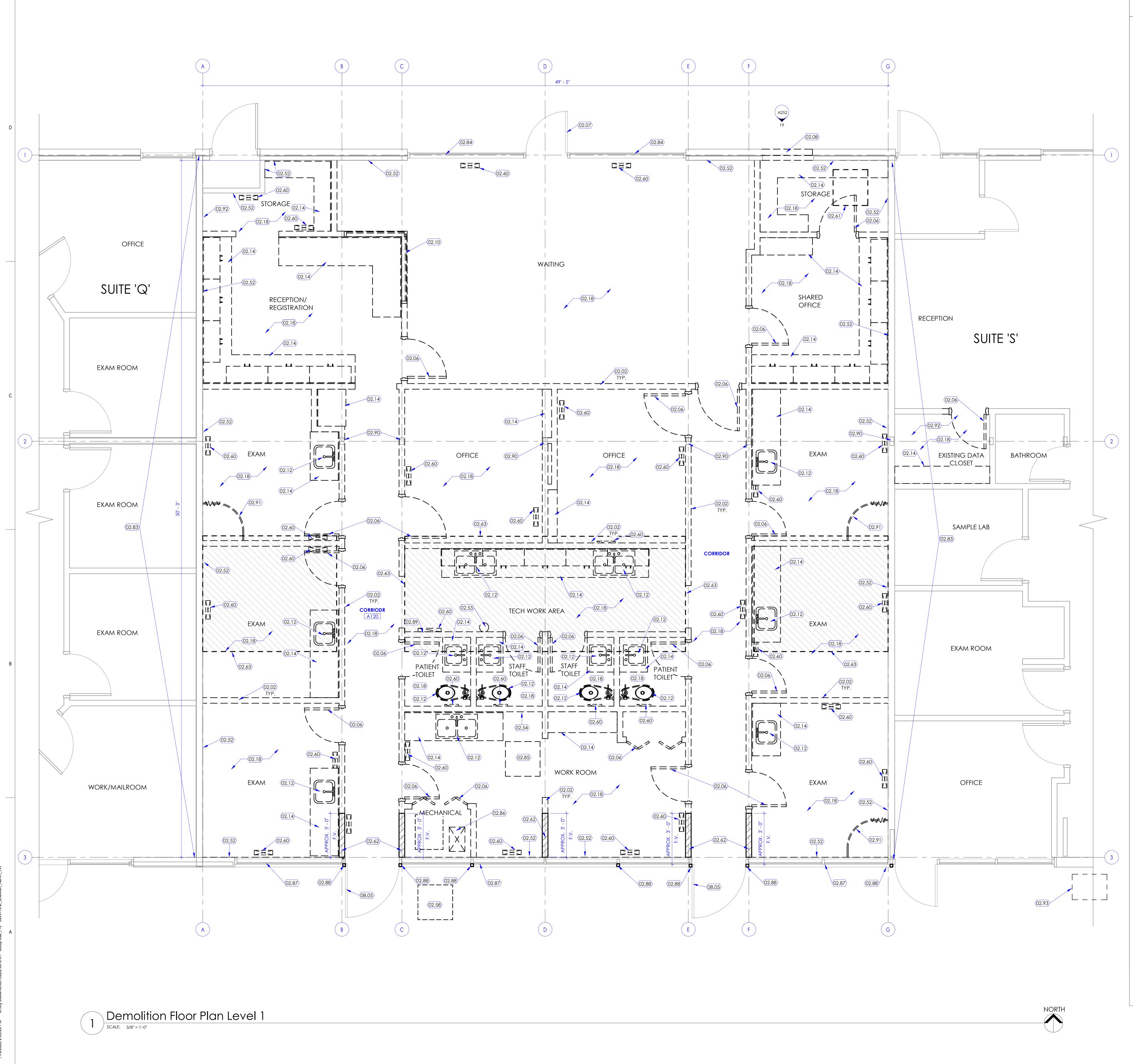
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### **KEYED NOTES**

- 02.64 EXISTING LANDSCAPE CURB. DEMO AS REQUIRED FOR NEW CHAIN LINK FENCE ENCLOSURE. PATCH/REPAIR/REPLACE TO MATCH EXISTING AFTER ALL WORK IS COMPLETE. 02.65 EXISTING LANDSCAPING AND SPRINKLERS. DEMO AS REQUIRED.
- PATCH/REPAIR/REPLACE TO MATCH EXISTING AFTER ALL WORK IS COMPLETE. 02.67 REMOVE EXISTING TREE AND STUMP. BACKFILL RESULTING HOLE AFTER REMOVAL. LANDSCAPE TO MATCH EXISTING.
- 02.93 DEMOLISH AND REPLACE EXISTING GAS METER. SEE MECHANICAL DRAWINGS. 03.01 PROVIDE A MINIMUM OF 6 INCH THICK CONCRETE PAD UNDER CONDENSING UNITS WITH #4 REBAR @ 18" O.C. BOTH WAYS. PROVIDE DRAINAGE GRAVEL UNDER CONCRETE PAD.
- 22.12 NEW GAS METER. SEE PLUMBING DRAWINGS. 23.10 EXISTING CONDENSING UNIT. PROTECT DURING CONSTRUCTION. SEE
- MECHANICAL DRAWINGS.

- 23.11 NEW VRF CONDENSING UNIT. SEE MECHANICAL DRAWINGS 23.12 NEW CONDENSING UNIT FOR SPLIT SYSTEM. SEE MECHANICAL DRAWINGS.
- 32.01 CHAIN LINK FENCE. FENCE SHALL BE 6'-0" HIGH, AND BLACK VINYL COATED. SEE DETAIL 2/A011 FOR FENCE POST. PROVIDE VERTICAL PRIVACY VINYL SLATS IN CHAIN LINK FENCE.

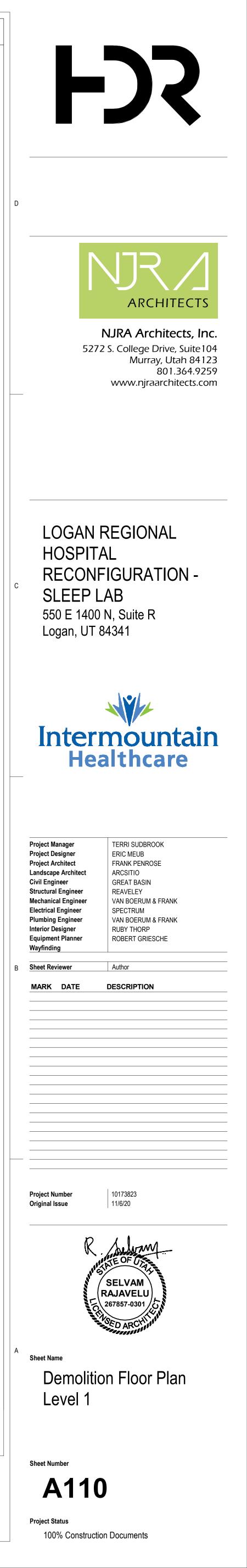




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### **KEYED NOTES**

- 02.02 REMOVE EXISTING WALL INCLUDING STUDS, GYPSUM BOARD, ELECTRICAL,
- MECHANICAL, AND PLUMBING ITEMS LOCATED IN THE WALL. 02.06 REMOVE EXISTING DOOR, HARDWARE AND FRAME.
- 02.07 EXISTING STOREFRONT DOOR TO REMAIN. MODIFY DOOR AND FRAME/ STOREFRONT SYSTEM TO ACCOMODATE NEW CARD READER. SEE NEW FLOOR PLAN AND DOOR SCHEDULE.
- 02.08 REMOVE BRICK VENEER, EXTERIOR SHEATHING, VAPOR BARRIER, INSULATION AND EXTERIOR FRAMING TO INSTALL NEW DOOR. SEE STRUCTUCTURAL DRAWINGS, NEW FLOOR PLAN AND DOOR SCHEDULE.
- 02.10 REMOVE EXISTING WINDOW, FRAME AND GLAZING. 02.12 REMOVE PLUMBING FIXTURE AND ACCESSORIES. SEE PLUMBING DRAWINGS FOR
- ADDITIONAL INFORMATION. 02.14 REMOVE EXISTING CASEWORK INCLUDING BASE CABINETS, UPPER/WALL CABINETS,
- FULL HEIGHT CABINETS, COUNTERTOPS, CLOSER PANEL, SLOPED DUST TOP, ETC.
  02.18 REMOVE EXISTING FLOOR COVERING AND BASE AND ANY ADHESIVE ALL THE WAY DOWN TO THE SUBFLOOR. CLEAN AND PREP SUBFLOOR FOR NEW FINISHES. EXISTING FLOORING CONSIST OF WOOD LAMINATE FLOORING, CARPET AND RESILIENT FLOORING. PLEASE FIELD VERIFY. PATCH DAMAGED SUBFLOOR WITH NEW SUBFLOOR TO MATCH ADJACENT EXISTING. SEE FINISH FLOOR PLAN AND FINISH SCHEDULE FOR NEW FINISHES. ALSO REMOVE BATT INSULATION UNDER FLOOR IN
- THE CRAWL SPACE AREA.
  02.52 REMOVE GYPSUM BOARD FROM THIS SIDE OF THE WALL FROM FINISHED FLOOR TO DECK ABOVE. REMOVE EXISTING INSULATION. FILL CAVITY WITH NEW BATT INSULATION FOR THE ENTIRE DEPTH AND WIDTH OF CAVITY FROM FINISHED FLOOR TO DECK ABOVE. INSTALL NEW 5/8" THICK GYPSUM BOARD FROM FINISH FLOOR TO DECK ABOVE AFTER ALL IN-WALL INSULATION AND M/E/P WORK IS COMPLETE.
- 02.53 REMOVE FIRE EXTINGUISHER. SALVAGE AND RETURN TO OWNER.
  02.54 REMOVE EXISTING PLUMBING AND EXHAUST FOR WASHER/DRYER. SEE PLUMBING DRAWINGS.
  02.58 REMOVE EXISTING CONDENSING UNIT AND LODGE OF THE TWO OF THE ADDR AND FOR THE ADDR A
- 02.58 REMOVE EXISTING CONDENSING UNIT AND ASSOCIATED PIPING. SEE MECHANICAL DRAWINGS. ALSO REMOVE CONCRETE PAD UNDER CONDENSING UNIT. PATCH LANDSCAPING/SPRINKLERS TO MATCH ADJACENT EXISTING.
   02.60 DEMOLISH AND REMOVE ALL EXISTING SUPPLY AND RETURN AIR GRILLES AND ALL
- ASSOCIATED DUCTWORK. SEE MECHANICAL DRAWINGS. 02.61 REMOVE SUBFLOOR AND MODIFY FRAMING FOR NEW FLOOR HATCH. SEE NEW FLOOR PLAN FOR LOCATION OF NEW FLOOR HATCH. SEE STRUCTURAL DRAWINGS.
- 02.62 EXISTING STRUCTURAL OUTRIGGER WALL TO REMAIN. REMOVE GYPSUM BOARD ON ALL SIDES. PROTECT STRUCTURE DURING DEMOLITION.
  02.63 REMOVE EXISTING SUBFLOOR IN THIS HATCHED AREA FOR NEW PATIENT TOILET/SHOWER. INSTALL NEW CEMENT BACKER BOARD WITH THE SAME THICKNESS AS THE ADJACENT SUBFLOOR. ADD NEW 3/4" THICK FIRE TREATED PLYWOOD UNDER
- THE CEMENT BOARD IN BETWEEN THE EXISTING FLOOR JOISTS THROUGHOUT THE HATCHED AREA FOR FLOOR TILE INSTALLATION IN NEW PATIENT TOILET/SHOWERS. 02.83 UPGRADE EXISTING WALL TO A 1-HR FIRE RATED WALL. FOR REFERENCE SEE WALL TYPE 'C3'. FIRESTOP ALL THROUGH WALL PENETRATIONS ON BOTH SIDE OF THE WALL. EXTEND FIRE RATING IN THE CRAWL SPACE BELOW.
- 02.84 EXISTING STOREFRONT SYSTEM TO REMAIN. PROTECT DURING CONSTRUCTION. CLEAN STOREFRONT. PREP FOR NEW CARD READER. SEE ELECTRICAL DRAWINGS.
- 02.85 REMOVE EXISTING FLOOR ACCESS TO CRAWL SPACE BELOW. FRAME OPENING. ADD SUBFLOOR TO MATCH EXISTING. PREP FOR NEW FINISHES.
  02.86 REMOVE EXISTING FURNACE AND DUCTWORK. FRAME OPENING. ADD SUBFLOOR TO MATCH EXISTING. PREP FOR NEW FINISHES. SEE A FOUND IN COMPANY.
- TO MATCH EXISTING. PREP FOR NEW FINISHES. SEE MECHANICAL DRAWINGS 02.87 EXISTING EXTERIOR CLEAR STORY WINDOWS TO REMAIN. PROTECT DURING CONSTRUCTION. CLEAN WINDOWS AND MULLIONS.
- 02.88 EXISTING TUBE STEEL POSTS SUPPORTING LINTEL ABOVE TO REMAIN. PROTECT DURING CONSTRUCTION. CLEAN AND PAINT ALL POSTS AND LINTEL. FINISH TO MATCH WINDOW MULLION.
- 02.89 REMOVE EXISTING ELECTRICAL PANEL. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- 02.90 EXISTING COLUMNS TO REMAIN. PROTECT DURING CONSTRUCTION. 02.91 REMOVE EXISTING CURTAIN TRACK AND SUPPORT SYSTEM ABOVE.
- 02.92 REMOVE TELECOMMUNICATION EQUIPMENT/CABLING. SEE ELECTRICAL DRAWINGS.
- 02.93 DEMOLISH AND REPLACE EXISTING GAS METER. SEE MECHANICAL DRAWINGS.
   08.05 EXISTING DOOR TO REMAIN. PROTECT DURING CONSTRUCTION. ADD NEW GASKETING AND SOLID RUBBER SWEEP ON EXISTING DOOR. ALSO ADD PRIVACY FILM ON GLASS FROM ROOM SIDE. BASIS OF DESIGN 3M FASARA FILM. COLOR: SH2MAOW OPAQUE WHITE.





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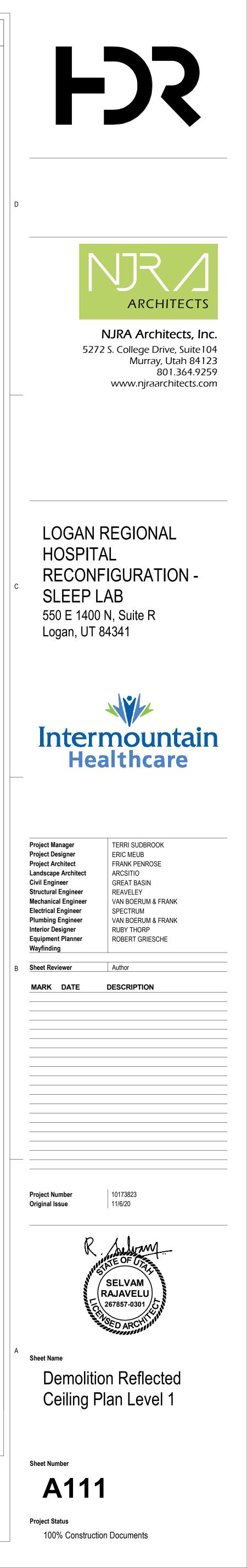
### **KEYED NOTES**

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02.16 REMOVE EXISTING GYPSUM BOARD CEILING, ABOVE CEILING ATTIC INSULATION, LIGHTS, HVAC DIFFUSERS AND ANY OTHER CEILING MOUNTED ITEMS. CONTRACTOR TO NOT LEAVE ANY DEAD DUCT, PIPE, CONDUIT, LOOSE WIRE, OR DATA LINES IN PLACE. NOTIFY ARCHITECT IF ANY UNFORSEEN NON-CONFORMING CONDITIONS ARE DISCOVERED DURING DEMO. ALSO SEE M/E/P DRAWINGS. EXISTING GYPSUM BOARD IS ATTACHED TO THE BOTTOM OF CEILING JOISTS. CEILING JOISTS TO REMAIN. PROTECT DURING CONSTRUCTION.

02.62 EXISTING STRUCTURAL OUTRIGGER WALL TO REMAIN. REMOVE GYPSUM BOARD ON ALL SIDES. PROTECT STRUCTURE DURING DEMOLITION.

02.91 REMOVE EXISTING CURTAIN TRACK AND SUPPORT SYSTEM ABOVE. 09.12 EXISTING SKYLIGHTS TO REMAIN. CLEAN SKYLIGHTS. REPAINT GYPSUM BOARD WALLS AROUND/INTERIOR SIDE OF SKYLIGHT.





### **KEYED NOTES**

- 02.83 UPGRADE EXISTING WALL TO A 1-HR FIRE RATED WALL. FOR REFERENCE SEE WALL TYPE 'C3'. FIRESTOP ALL THROUGH WALL PENETRATIONS ON BOTH SIDE OF THE WALL. EXTEND FIRE RATING IN THE CRAWL SPACE BELOW. 02.90 EXISTING COLUMNS TO REMAIN. PROTECT DURING CONSTRUCTION. 06.01 NEW CASEWORK. SEE CABINET LEGEND ON SHEET A505A, AND INTERIOR ELEVATIONS, FOR CABINET TYPES SUCH AS BASE CABINETS, WALL CABINETS, TALL CABINETS, ETC. 06.14 NEW 30" X 30" STANDARD DUTY, WATERTIGHT, HINGED FLOOR ACCESS DOOR FOR CRAWL SPACE BELOW. FRAME OPENING FOR FLOOR HATCH SIMILAR TO EXISTING FLOOR HATCH. PAINT FLOOR HATCH. 06.20 SOLID SURFACE INTEGRAL SINK. BASIS OF DESIGN: SAMSUNG, STARON A3181 SINK, COLOR "BRIGHT WHITE" BW010. ALSO SEE PLUMBING DRAWINGS. 07.01 INSTALL NEW R-30 KRAFT FACED BATT INSULATION IN BETWEEN THE JOIST CAVITY SPACE BELOW THROUGHOUT THE ENTIRE SUITE. PROVIDE STRAPPING AS NEEDED TO HOLD INSULATION IN PLACE. 08.01 NEW DOOR AND DOOR FRAME. SEE DOOR SCHEDULE. 08.02 NEW STC RATED DOOR AND FRAME. PROVIDE INTEGRATED SOUND CONTROL DOOR ASSEMBLIES WITH A STC OF 50 FOR ALL SLEEP ROOMS. DOOR AND FRAME FINISH TO MATCH DOORS AND FRAMES IN THE ENTIRE PROJECT. 08.03 SLIDING BARN DOOR. BASIS OF DESIGN: AD SYSTEMS. SEE DOOR SCHEDULE AND specifications. 08.05 EXISTING DOOR TO REMAIN. PROTECT DURING CONSTRUCTION. ADD NEW GASKETING AND SOLID RUBBER SWEEP ON EXISTING DOOR. ALSO ADD PRIVACY FILM ON GLASS FROM ROOM SIDE. BASIS OF DESIGN 3M FASARA FILM. COLOR: SH2MAOW OPAQUE WHITE. 09.16 SOLID SURFACE ADA TRANSACTION COUNTER. SEE INTERIOR ELEVATIONS. SEE FINISH SCHEDULE FOR MATERIAL, COLOR, ETC. SEE DETAIL 4/A505C. 09.23 ALL WALLS IN SLEEP ROOM TO HAVE A STC RATING OF 50 MINIMUM. 09.24 ADD ADDITIONAL LAYER GYPSUM BOARD ON THIS SIDE OF THE WALL. GYPSUM BOARD SHOULD BE 5/8" THICK, TYPE 'X'. EXTEND FROM FLOOR TO ROOF DECK ABOVE. PAINT GYPSUM BOARD. 09.26 1/4" THICK HOMOSOTE BOARD UNDERLAYMENT OVER SUBFLOOR. TYPICAL AT ALL SLEEP ROOMS. FLOAT FLOORS AT DOORS FOR SMOOTH TRANSITION. 09.29 INSTALL NEW CEMENT BACKER BOARD WITH THE SAME THICKNESS AS THE ADJACENT SUBFLOOR. ADD NEW 3/4" THICK FIRE TREATED PLYWOOD UNDER THE CEMENT BOARD IN BETWEEN THE EXISTING FLOOR JOISTS. 09.31 ADD ONE LAYER OF 5/8" THICK, TYPE 'X' GYPSUM BOARD ON THE BOTTOM SIDE OF THE FLOOR JOISTS IN CLEAN SUPPLY AND SOILED HOLDING ROOMS TO ACHIEVE A 1-HR FIRE RATING AT THE FLOOR. 10.01 GRAB BAR. PROVIDE GRAB BARS REQUIRED FOR WATER CLOSET, SHOWER, ETC. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC. PROVIDE 'TYPE 1' METAL STUD BACKING PER DETAIL 5/A502A 10.11 SHOWER SEAT. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC. PROVIDE IN-WALL METAL STUD BACKING 'TYPE 1'. SEE DETAIL 11/A502B. 10.12 SHOWER CURTAIN WITH CEILING MOUNTED TRACK. SEE DETAIL 12/A503A. 10.17 PLASTIC LAMINATE LOCKERS, 12"W X 18"D X 72"H (3-TIER, TOTAL 12 LOCKERS). PROVIDE P-LAM CLOSER PANEL TO CEILING ABOVE AND 6" HIGH BASE. COORDINATE WITH OWNER FOR NUMBERING. 10.19 FIRE EXTINGUISHER AND CABINET. CABINET SHALL BE SEMI RECESSED IN STUD FRAMED WALL. SEE DETAIL 3/A506A. 10.20 TIME CLOCK. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION. COORDINATE EXACT LOCATION WITH OWNER. 10.22 MARKER BOARD. BOARD SHALL BE 2'-0" WIDE X 4'-0" HIGH. UNLESS NOTED OTHERWISE, MOUNT BOTTOM OF BOARD AT 3'-0" FROM FINISH FLOOR. 10.23 TACK BOARD. BOARD SHALL BE 2'-0" WIDE X 4'-0" HIGH. UNLESS NOTED OTHERWISE, MOUNT BOTTOM OF BOARD AT 3'-0" FROM FINISH FLOOR. 10.25 GLOVE DISPENSER, OWNER FURNISHED, CONTRACTOR INSTALLED, CONTRACTOR SHALL PROVIDE BACKING FOR ALL OWNER FURNISHED ITEMS. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC. 10.31 WALL MOUNTED ROBE HOOK. SEE SPECIFICATIONS. 10.32 WALL MOUNTED MOP AND BROOM HOLDER. SEE SPECIFICATIONS. 11.01 REFRIGERATOR. OWNER FURNISHED CONTRACTOR INSTALLED. SEE ELECTRICAL DRAWINGS. 11.02 MICROWAVE IN CABINET ABOVE. OWNER FURNISHED CONTRACTOR INSTALLED. SEE ELECTRICAL DRAWINGS. PROVIDE RECEPTACLE FOR MICROWAVE IN CABINET ABOVE WITH A GROMMET BETWEEN THE TWO CABINETS. 11.03 ICE AND WATER DISPENSER. OWNER FURNISHED CONTRACTOR INSTALLED. ALSO SEE PLUMBING DRAWINGS. CAREFULLY CUT AROUND BACKSPLASH BEHIND TO ACCOMMODATE FOR WASHER BOX. BOTTOM OF WALL BOX TO BE ONE INCH ABOVE COUNTERTOP. 11.04 COFFEE MAKER, TO BE PLUMBED. OWNER FURNISHED CONTRACTOR INSTALLED. see plumbing drawings. 11.06 SHELVING. OWNER FURNISHED CONTRACTOR INSTALLED. 11.08 FLOOR MOUNTED SCALE. OWNER FURNISHED OWNER INSTALLED. SEE ELECTRICAL DRAWINGS FOR POWER REQUIREMENTS. 11.10 PRINTER/COPIER. OWNER FURNISHED OWNER INSTALLED. SEE ELECTRICAL DRAWINGS FOR POWER AND DATA. 11.11 FLOOR MOUNTED WASHER/DISINFECTOR. OWNER FURNISHED CONTRACTOR INSTALLED. SEE PLUMBING AND ELECTRICAL DRAWINGS. 11.12 FLOOR MOUNTED DRYER. OWNER FURNISHED CONTRACTOR INSTALLED. SEE ELECTRICAL AND MECHANICAL DRAWINGS. 11.13 WALL MOUNTED TELEVISION (TV). OWNER FURNISHED CONTRACTOR INSTALLED. PROVIDE 3'-0" W X 2'-0" D X 18 GA IN WALL SHEET METAL BACKING TO SUPPORT THE TV BRACKET. SEE ELECTRICAL DRAWINGS FOR POWER AND DATA REQUIREMENTS. 11.15 SHREDDER BIN. OWNER FURNISHED OWNER INSTALLED. 11.18 WALL MOUNTED BRACKET FOR MONITOR. SEE ELECTRICAL DRAWINGS. PROVIDE IN-WALL BACKING PER DETAIL 13/A502A. ANCHOR BRACKET TO WALL. VERIFY EXACT LOCATION WITH OWNER. 11.19 HUDDLE BOARD. OWNER FURNISHED CONTRACTOR INSTALLED. COORDINATE WITH OWNER ON MOUNTING HEIGHT. 12.09 FURNITURE, OWNER FURNISHED OWNER INSTALLED. COORDINATE WITH OWNERS VENDOR MIDWEST COMMERCIAL INTERIORS (MWCI) FOR POWER/DATA REQUIREMENT. 12.10 PATIENT BED, OWNER FURNISHED OWNER INSTALLED. ALSO SEE ELCTRICAL DRAWINGS FOR POWER. 12.11 BED SIDE CABINET FOR CPAP AND PSG SYSTEM. PROVIDED AND INSTALLED BY MILLWORK CONTRACTOR. SEE DETAIL 6/A505C. 22.01 WATER CLOSET. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC. SEE PLUMBING DRAWINGS. 22.02 LAVATORY (SINK). SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC. SEE PLUMBING DRAWINGS. 22.04 MOP SINK. SEE PLUMBING DRAWINGS. 22.06 SHOWER HEAD. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC. SEE PLUMBING DRAWINGS. 22.07 FLOOR DRAIN. SEE PLUMBING DRAWINGS. AT PATIENT TOILETS, SLOPE FINISHED FLOOR TOWARDS DRAIN AT 1/8" PER FOOT AND CENTER DRAIN IN ROOM/AREA UNLESS NOTED OTHERWISE. 22.08 TRENCH DRAIN IN SHOWER. DRAIN SHALL 3'-0" LONG. SEE PLUMBING DRAWINGS.
- SLOPE FINISHED FLOOR TOWARDS DRAIN.
- 22.09 COUNTER MOUNTED EYE WASH. SEE PLUMBING DRAWINGS.22.10 STAINLESS STEEL DEEP SINK. SEE PLUMBING DRAWINGS.
- 22.19 WALL MOUNTED MED GAS OUTLET FOR OXYGEN. SEE MED GAS DRAWINGS.
- 22.20 WATER HEATER. SEE PLUMBING AND MECHANICAL DRAWINGS.
- 22.21 OXYGEN TANKS. SEE MED GAS DRAWINGS. TO BE SECURED TO WALL.22.22 OXYGEN REGULATOR FOR SLEEP ROOM 1. SEEE MED GAS DRAWINGS.
- 22.22 OXYGEN REGULATOR FOR SLEEP ROOM 2. SEEE MED GAS DRAWINGS.
- 22.24 OXYGEN REGULATOR FOR SLEEP ROOM 3. SEEE MED GAS DRAWINGS.
- 22.25 OXYGEN REGULATOR FOR SLEEP ROOM 4. SEEE MED GAS DRAWINGS. 22.26 MED GAS ALARM PANEL RECESSED IN WALL. SEE MED GAS DRAWINGS.

- 22.27 FLOOR SINK. SEE PLUMBING DRAWINGS.
- 23.02 VRF FURNACE UNITS. SEE MECHANICAL DRAWINGS.
- 23.06 FLOOR-MOUNTED DIFFUSER. SEE MECHANICAL DRAWINGS.26.02 ELECTRICAL PANEL. UNLESS NOTED OTHERWISE, PANEL SHALL BE RECESSED IN
- WALL. SEE ELECTRICAL DRAWINGS.
- 26.17 CARD READER, TYPICAL. SEE ELECTRICAL DRAWINGS.
- 26.18 NURSE CALL, TYP. SEE ELECTRICAL DRAWINGS.26.19 NURSE CALL/PILLOW SPEAKER, TYP. SEE ELECTRICAL DRAWINGS.
- 26.19 NURSE CALL/FILLOW SPEAKER, TTP. SEE ELECTRICAL 26.20 PATIENT INTERCOM. SEE ELECTRICAL DRAWINGS.
- 26.21 CCTV CAMERA, SEE ELECTRICAL DRAWINGS.
- 26.22 INFRARED CAMERA, SEE ELECTRICAL DRAWINGS.26.23 NURSE CALL MASTER STATION. SEE ELECTRICAL DRAWINGS.

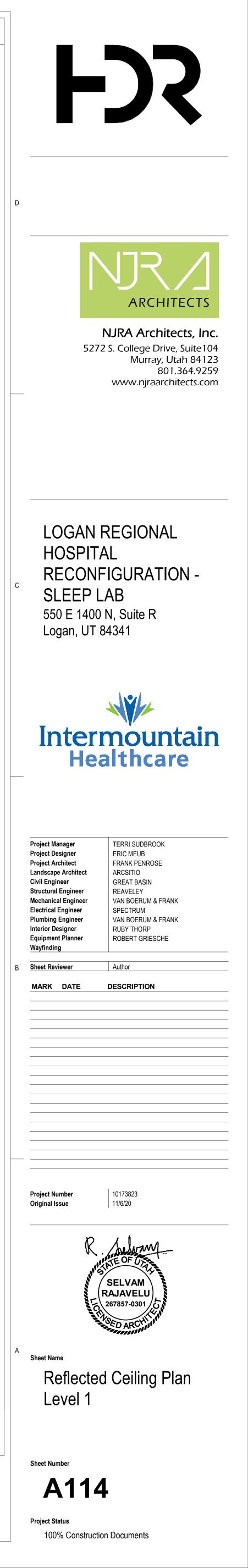


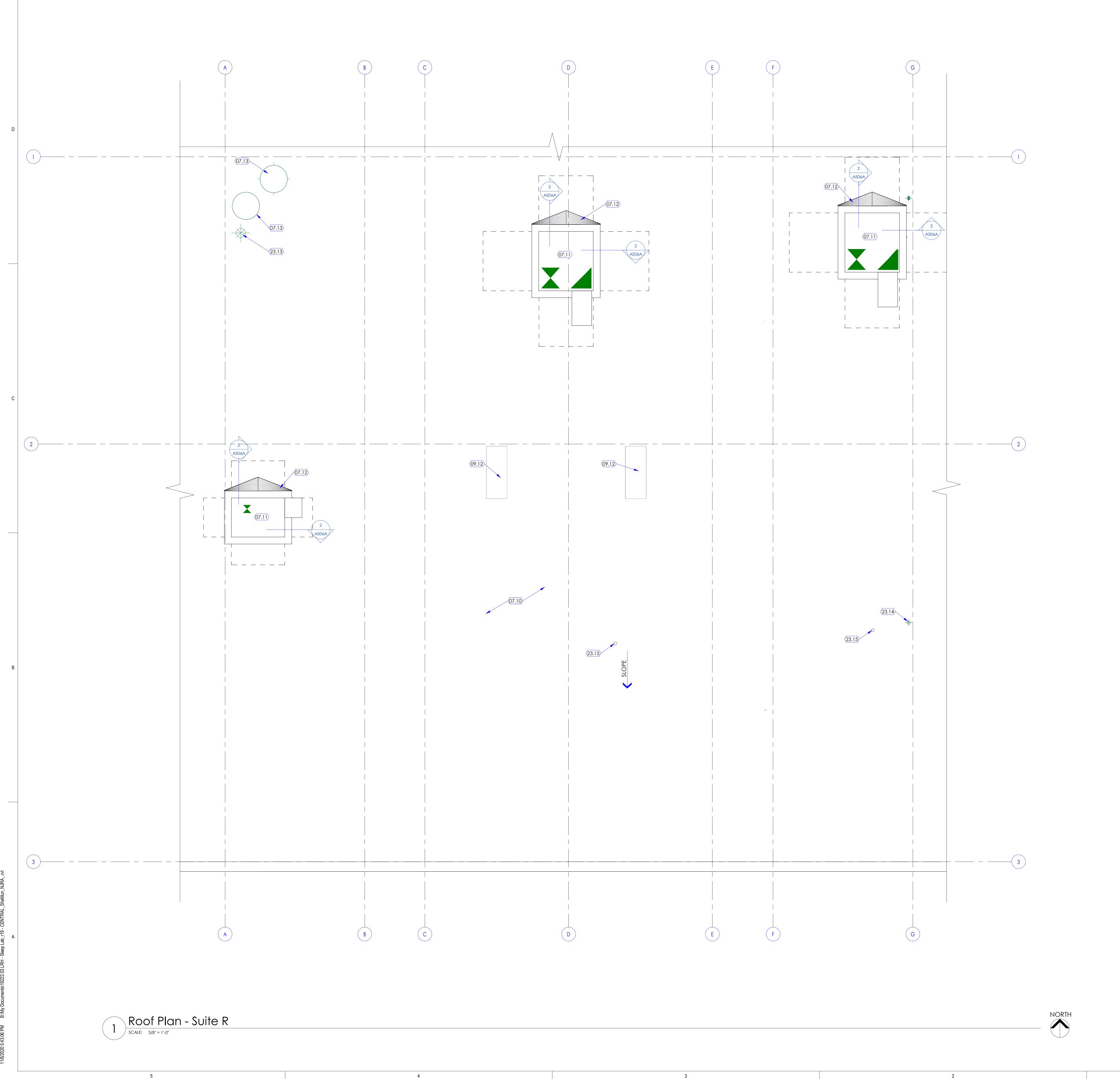




### **KEYED NOTES**

- 09.10 GYPSUM BOARD CEILING. GYPSUM BOARD SHOULD BE 5/8" THICK, TYPE 'X'. ATTACH GYPSUM BOARD TO BOTTOM OF CEILING JOISTS ABOVE. FILL CAVITY BETWEEN GYPSUM BOARD CEILING AND PLYWOOD DECK ABOVE WITH BLOWN IN LOOSE FILL CELLULOSE INSULATION TREATED WITH BORIC ACID. SEE M/E/P DRAWINGS FOR LIGHTS, SECURITY CAMERAS, EXIT LIGHTS, STROBES, DIFFUSERS, EXHAUST FANS, ETC. 09.11 GYPSUM BOARD HEADER/SOFFIT. SEE DETAILS 6/A503A AND 9/A503A. 09.12 EXISTING SKYLIGHTS TO REMAIN. CLEAN SKYLIGHTS. REPAINT GYPSUM BOARD WALLS AROUND/INTERIOR SIDE OF SKYLIGHT. 09.25 GYPSUM BOARD CEILING. GYPSUM BOARD SHOULD BE 5/8" THICK, TYPE 'X'. ATTACH 2 LAYERS OF GYPSUM BOARD TO BOTTOM OF CEILING JOISTS ABOVE. FILL
- CAVITY BETWEEN GYPSUM BOARD CEILING AND PLYWOOD DECK ABOVE WITH BATT INSULATION. SEE M/E/P DRAWINGS FOR LIGHTS, SECURITY CAMERAS, EXIT LIGHTS, STROBES, DIFFUSERS, EXHAUST FANS, ETC. 09.28 18" X 18" CEILING MOUNTED GFRG ACCESS PANEL. BASIS OF DESIGN STEALTH PANELS BY WIND-LOCK. PAINT PANELS TO MATCH CEILING COLOR. INSTALL R-30
- BATT INSULATION ABOVE ACCESS PANELS. 09.30 GYPSUM BOARD CEILING. SEE DETAIL 5/A503A 12.02 MANUAL ROLLER WINDOW SHADE - CEILING MOUNTED. BLACKOUT + SUNSCREEN.
- SEE SPECIFICATIONS. ALSO SEE DETAIL 5/A506A 23.05 EXHAUST GRILL. SEE MECHANICAL DRAWINGS.
- 23.09 DIFFUSER. SEE MECHANICAL DRAWINGS.
- 26.15 CEILING MOUNTED SECURITY CAMERA. SEE ELECTRICAL DRAWINGS. 26.16 CEILING MOUNTED FAN. SEE ELECTRICAL DRAWINGS. ANCHOR PER MANUFACTURES RECOMMENDATIONS.





07.10	EXISTING SINGLE PLY ROOF MEMBRANE, INSULATION, WATERPROOFING AND PLYWOOD ROOF DECK. REPLACE AS REQUIRED TO INSTALL NEW JOISTS. SEE
	STRUCTURAL DRAWINGS. ALSO REPLACE DAMAGED PORTIONS OF ROOFING, DECK AND INSULATION, ROOFING, INSULATION AND PLYWOOD DECK TO MATC ADJACENT EXISTING.
07.11	ROOF TOP UNIT. COORDINATE EXACT LOCATION WITH MECHANICAL AND STRUCTURAL DRAWINGS. PATCH ROOF MEMBRANE, INSULATION AND PLYWOOI DECK TO MATCH ADJACENT EXISTING AFTER INSTALLATION OF ROOF TOP UNIT.
)7.12	SEE DETAIL 2/A506A. PROVIDE TAPERED CRICKET INSULATION AND ROOF MEMBRANE WITH SLOPE 1/4 PER FOOT MINIMUM ACROSS CRICKET IN THIS ROOF AREA FOR WATER DRAINAGE.
)7.13	ROOF TOP EXHAUST FAN. SEE MECHANICAL DRAWINGS. PATCH ROOF MEMBRANE, INSULATION AND PLYWOOD DECK TO MATCH ADJACENT EXISTING AFTER INSTALLATION OF EXHAUST FAN. SEE DETAIL 2/A506A.
09.12 23.13	EXISTING SKYLIGHTS TO REMAIN. CLEAN SKYLIGHTS. REPAINT GYPSUM BOARD WALLS AROUND/INTERIOR SIDE OF SKYLIGHT. EXHAUST RISER. SEE MECHANICAL DRAWINGS. PATCH/REPAIR ROOFING AFTER
23.14	ALL WORK IS COMPLETE. WATER HEATER FLUE. SEE MECHANICAL DRAWINGS. PATCH/REPAIR ROOFING AFTER ALL WORK IS COMPLETE.
23.15	VENT THROUGH ROOF. SEE MECHANICAL DRAWINGS. PATCH/REPAIR ROOFING AFTER ALL WORK IS COMPLETE.





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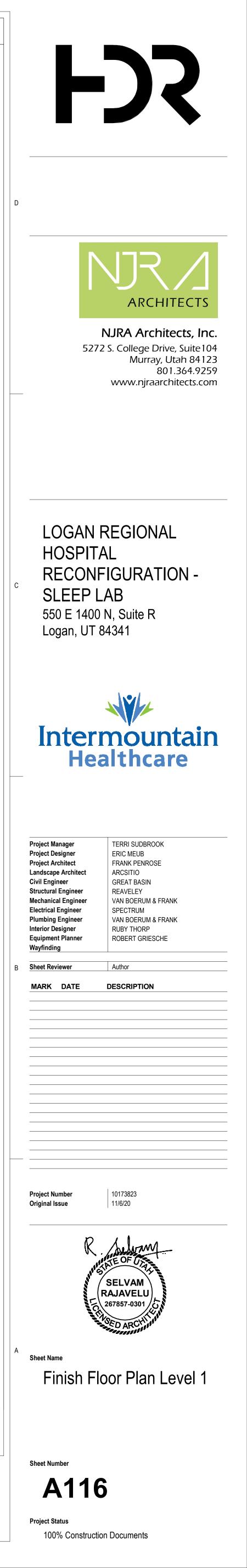
### **KEYED NOTES**

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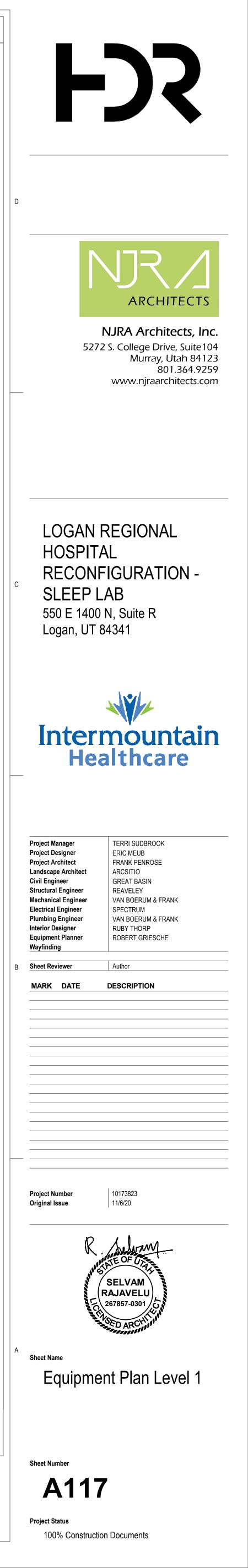
09.27 DOOR THRESHOLD. SEE FLOOR COVERING TRANSITION DETAILS ON SHEET A603A.
10.30 DASHED LINE INDICATED WALL PROTECTION WAINSCOT. WALL PROTECTION TO SPAN FROM TOP OF BASE TO 4'-O" ABOVE BASE.

### **GENERAL NOTE**

SEE SHEET A603A FOR FINISH SCHEDULE AND DETAILS.

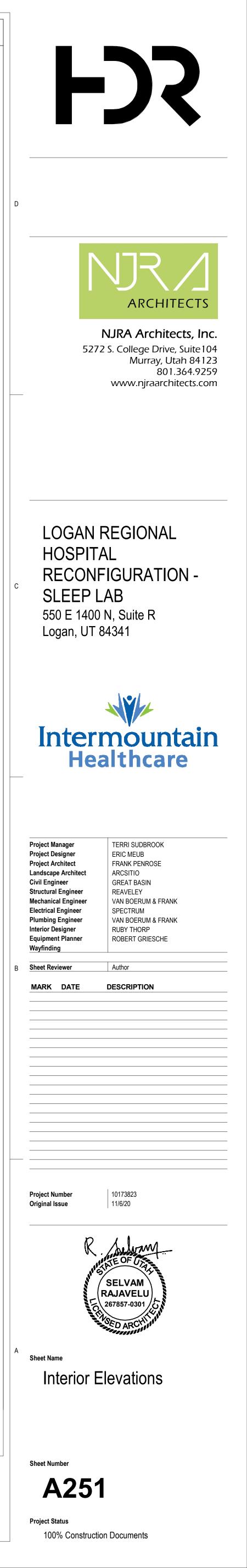


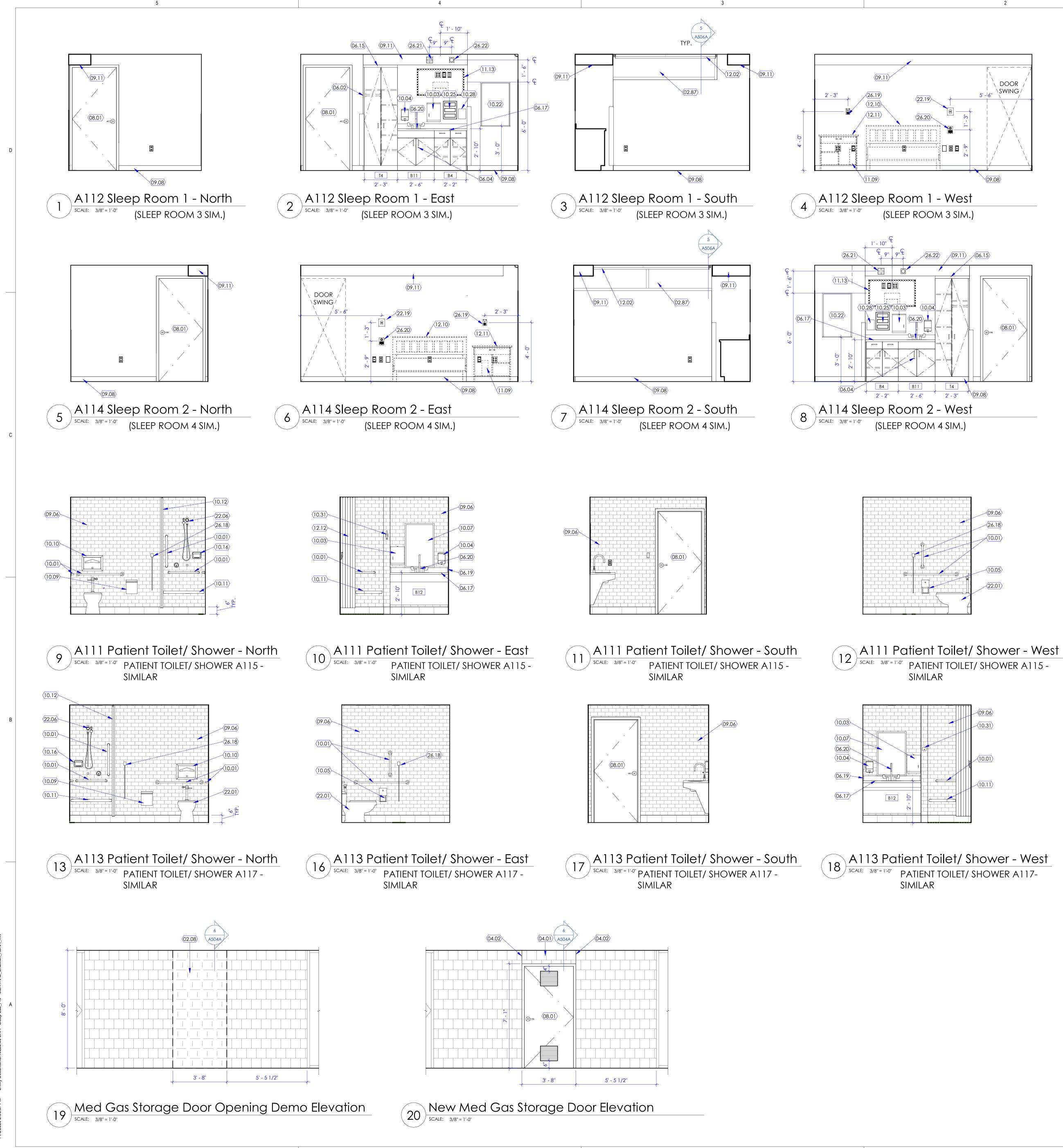






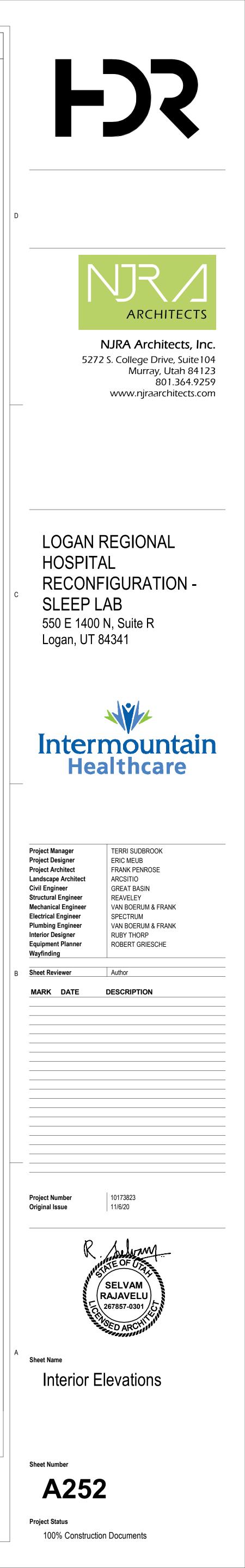
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KEYED NOTES		
	05.02	IN-WALL COUNTERTOP SUPPORT AT 3'-0" (MAX) O.C. SEE DETAIL 5/A505B. PAINT TO MATCH WALL COLOR. PROVIDE 16 GA STUDS AT COUNTERTOP SUPPORT, TYPICAL.
	06.02	PLASTIC LAMINATE FILLER PANEL AS REQUIRED. FILLER PANEL TO MATCH PROFILE AND FINISH OF ADJACENT CABINETS.
	06.04	CABINET TO BE LOCKABLE. PROVIDE KEYED LOCK FOR THIS CABINET DOOR (OR DRAWER WHERE OCCURS).
	06.15	P-LAM CLOSER PANEL TO CEILING ABOVE. TYPICAL AT ALL WALL AND TALL CABINETS. SEE DETAIL 2/A505B.
	06.17	SOLID SURFACE COUNTER WITH FULL BULLNOSE EDGE AND INTEGRAL BACKSPLASH. SEE DETAIL 6/A505B. PROVIDE INTEGRAL SIDE SPLASH WHERE
		COUNTER ABUTS PERPENDICULAR WALL/CABINET. PROVIDE GROMMETS AT 3'-0" O.C. COORDINATE LOCATION WITH OWNER.
	06.19	PROVIDE SOLID SURFACE INTEGRAL BACKSPLASH WHERE COUNTERTOP ABUTS PERPENDICULAR WALL/CABINET, TYPICAL.
	06.20	SOLID SURFACE INTEGRAL SINK. BASIS OF DESIGN: SAMSUNG, STARON A3181 SINK, COLOR "BRIGHT WHITE" BW010. ALSO SEE PLUMBING DRAWINGS.
	06.22 08.01	PROVIDE PLASTIC LAMINATE AT ALL EXPOSED TO VIEW SURFACES. NEW DOOR AND DOOR FRAME, SEE DOOR SCHEDULE.
	08.03	SLIDING BARN DOOR. BASIS OF DESIGN: AD SYSTEMS. SEE DOOR SCHEDULE AND SPECIFICATIONS.
	09.06	WALL TILE AS SCHEDULED. SEE FINISH FLOOR PLAN AND FINISH SCHEDULE FOR MATERIAL TYPE, SIZE, COLOR, ETC. INSTALL 5/8 INCH THICK CEMENT BACKER BOARD BEHIND WALL TILE.
	09.07	CORNER GUARD, 2" X 2" X 4'-0". SEE FINISH FLOOR PLAN AND FINISH SCHEDULE FOR MATERIAL TYPE, SIZE, COLOR, ETC.TOP OF CORNER GUARD TO ALIGN WITH TOP OF WAINSCOTING AS OCCURS.
	09.08	WALL BASE AS SCHEDULED. SEE FINISH FLOOR PLANS AND FINISH SCHEDULE FOR MATERIAL, SIZE, COLOR, ETC.
	09.11 09.16	GYPSUM BOARD HEADER/SOFFIT. SEE DETAILS 6/A503A AND 9/A503A. SOLID SURFACE ADA TRANSACTION COUNTER. SEE INTERIOR ELEVATIONS. SEE
	09.18	FINISH SCHEDULE FOR MATERIAL, COLOR, ETC. SEE DETAIL 4/A505C. WALL PROTECTION WAINSCOT, 0.06 INCH THICK. WALL PROTECTION TO SPAN FROM TOP OF BASE TO 4'-0" ABOVE BASE. TOP OF WALL PROTECTION TO ALIGN
		WITH TOP OF CORNER GUARDS WHERE OCCURS. SEE FINISH FLOOR PLAN AND FINISH SCHEDULE FOR MATERIAL TYPE, SIZE, COLOR, ETC.
	10.01	GRAB BAR. PROVIDE GRAB BARS REQUIRED FOR WATER CLOSET, SHOWER, ETC. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION,
	10.03	ETC. PROVIDE 'TYPE 1' METAL STUD BACKING PER DETAIL 5/A502A PAPER TOWEL DISPENSER, OWNER FURNISHED, CONTRACTOR INSTALLED.
	10.04	CONTRACTOR SHALL PROVIDE BACKING IN WALL AS REQUIRED. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC. SOAP DISPENSER, OWNER FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR
	10.01	SHALL PROVIDE BACKING FOR ALL OWNER FURNISHED ITEMS. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
	10.05	TOILET PAPER DISPENSER, OWNER FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR SHALL PROVIDE BACKING FOR ALL OWNER FURNISHED ITEMS. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
	10.07	MIRROR, 2'-0" WIDE X 3'-0"HIGH, TYPICAL. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
	10.09	SANITARY NAPKIN DISPOSAL, CONTRACTOR FURNISHED, CONTRACTOR INSTALLED. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
	10.10	TOILET SEAT COVER DISPENSER, CONTRACTOR FURNISHED, CONTRACTOR INSTALLED. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
	10.17	PLASTIC LAMINATE LOCKERS, 12"W X 18"D X 72"H (3-TIER, TOTAL 12 LOCKERS). PROVIDE P-LAM CLOSER PANEL TO CEILING ABOVE AND 6" HIGH BASE. COORDINATE WITH OWNER FOR NUMBERING.
	10.20	TIME CLOCK. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION. COORDINATE EXACT LOCATION WITH OWNER.
	10.22 10.23	MARKER BOARD. BOARD SHALL BE 2'-0" WIDE X 4'-0" HIGH. UNLESS NOTED OTHERWISE, MOUNT BOTTOM OF BOARD AT 3'-0" FROM FINISH FLOOR. TACK BOARD. BOARD SHALL BE 2'-0" WIDE X 4'-0" HIGH. UNLESS NOTED OTHERWISE,
	10.27	MOUNT BOTTOM OF BOARD AT 3'-0" FROM FINISH FLOOR. UNDERCOUNTER REFRIGERATOR, OFCI. SEE ELECTRICAL DRAWINGS FOR POWER.
	10.32 11.01	WALL MOUNTED MOP AND BROOM HOLDER. SEE SPECIFICATIONS. REFRIGERATOR. OWNER FURNISHED CONTRACTOR INSTALLED. SEE ELECTRICAL DRAWINGS.
	11.02	MICROWAVE IN CABINET ABOVE. OWNER FURNISHED CONTRACTOR INSTALLED. SEE ELECTRICAL DRAWINGS. PROVIDE RECEPTACLE FOR MICROWAVE IN CABINET ABOVE WITH A GROMMET BETWEEN THE TWO CABINETS.
	11.03	ICE AND WATER DISPENSER. OWNER FURNISHED CONTRACTOR INSTALLED. ALSO SEE PLUMBING DRAWINGS. CAREFULLY CUT AROUND BACKSPLASH BEHIND TO ACCOMMODATE FOR WASHER BOX. BOTTOM OF WALL BOX TO BE ONE INCH
	11.04	ABOVE COUNTERTOP. COFFEE MAKER, TO BE PLUMBED. OWNER FURNISHED CONTRACTOR INSTALLED.
	11.10	SEE PLUMBING DRAWINGS. PRINTER/COPIER. OWNER FURNISHED OWNER INSTALLED. SEE ELECTRICAL
	11.11	DRAWINGS FOR POWER AND DATA. FLOOR MOUNTED WASHER/DISINFECTOR. OWNER FURNISHED CONTRACTOR
	11.12	INSTALLED. SEE PLUMBING AND ELECTRICAL DRAWINGS. FLOOR MOUNTED DRYER. OWNER FURNISHED CONTRACTOR INSTALLED. SEE
	11.13	ELECTRICAL AND MECHANICAL DRAWINGS. WALL MOUNTED TELEVISION (TV). OWNER FURNISHED CONTRACTOR INSTALLED. PROVIDE 3'-0" W X 2'-0" D X 18 GA IN WALL SHEET METAL BACKING TO SUPPORT THE
	11.15 11.18	TV BRACKET. SEE ELECTRICAL DRAWINGS FOR POWER AND DATA REQUIREMENTS. SHREDDER BIN. OWNER FURNISHED OWNER INSTALLED. WALL MOUNTED BRACKET FOR MONITOR. SEE ELECTRICAL DRAWINGS. PROVIDE
		IN-WALL BACKING PER DETAIL 13/A502A. ANCHOR BRACKET TO WALL. VERIFY EXACT LOCATION WITH OWNER.
	11.19	HUDDLE BOARD. OWNER FURNISHED CONTRACTOR INSTALLED. COORDINATE WITH OWNER ON MOUNTING HEIGHT.
	22.01	WATER CLOSET. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC. SEE PLUMBING DRAWINGS.
	22.04 22.09	MOP SINK. SEE PLUMBING DRAWINGS. COUNTER MOUNTED EYE WASH. SEE PLUMBING DRAWINGS.
	22.10 22.22	STAINLESS STEEL DEEP SINK. SEE PLUMBING DRAWINGS. OXYGEN REGULATOR FOR SLEEP ROOM 1. SEEE MED GAS DRAWINGS.
	22.23 22.24	OXYGEN REGULATOR FOR SLEEP ROOM 2. SEEE MED GAS DRAWINGS. OXYGEN REGULATOR FOR SLEEP ROOM 3. SEEE MED GAS DRAWINGS.
	22.25	OXYGEN REGULATOR FOR SLEEP ROOM 4. SEEE MED GAS DRAWINGS.
	22.26 22.28	MED GAS ALARM PANEL RECESSED IN WALL. SEE MED GAS DRAWINGS. WASHER BOX FOR ICE AND WATER DISPENSER. SEE PLUMBING DRAWINGS. WASHER BOX TO BE 1" ABOVE COUNTER. CUT BACKSPLASH AROUND WASHER
	26.20 26.24	BOX. PATIENT INTERCOM. SEE ELECTRICAL DRAWINGS. FIRE STROBE, TYPICAL. SEE ELECTRICAL DRAWINGS.

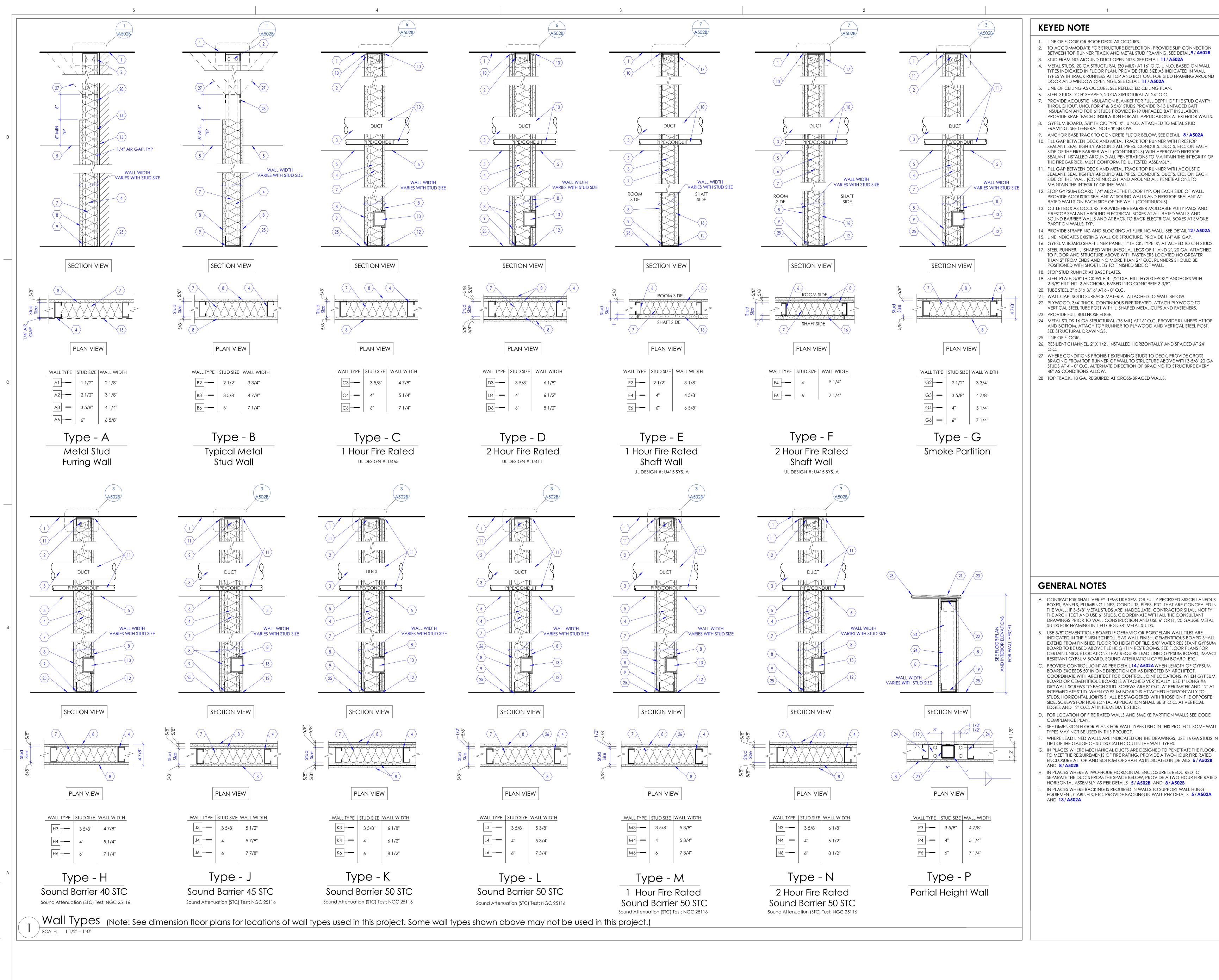




# **KEYED NOTES**

02	2.08	REMOVE BRICK VENEER, EXTERIOR SHEATHING, VAPOR BARRIER, INSULATION AND EXTERIOR FRAMING TO INSTALL NEW DOOR. SEE
02	2.87	STRUCTUCTURAL DRAWINGS, NEW FLOOR PLAN AND DOOR SCHEDULE. EXISTING EXTERIOR CLEAR STORY WINDOWS TO REMAIN. PROTECT DURING CONSTRUCTION. CLEAN WINDOWS AND MULLIONS.
04	4.01	NEW BRICK VENEER TO MATCH ADJACENT EXISTING. SEE STRUCTURAL DRAWINGS TO SUPPORT BRICK VENEER ABOVE DOOR. PROVIDE NEW CONTROL JOINT BETWEEN NEW AND EXISTING VENEER.
-	4.02 6.02	CONTROL JOINT IN BRICK VENEER. SEE DETAIL 7/A504A. PLASTIC LAMINATE FILLER PANEL AS REQUIRED. FILLER PANEL TO MATCH PROFILE AND FINISH OF ADJACENT CABINETS.
	6.04	CABINET TO BE LOCKABLE. PROVIDE KEYED LOCK FOR THIS CABINET DOOR (OR DRAWER WHERE OCCURS).
	5.15	P-LAM CLOSER PANEL TO CEILING ABOVE. TYPICAL AT ALL WALL AND TALL CABINETS. SEE DETAIL 2/A505B.
08	5.17	SOLID SURFACE COUNTER WITH FULL BULLNOSE EDGE AND INTEGRAL BACKSPLASH. SEE DETAIL 6/A505B. PROVIDE INTEGRAL SIDE SPLASH WHERE COUNTER ABUTS PERPENDICULAR WALL/CABINET. PROVIDE GROMMETS AT 3'-0" O.C. COORDINATE LOCATION WITH OWNER.
08	5.19	PROVIDE SOLID SURFACE INTEGRAL BACKSPLASH WHERE COUNTERTOP ABUTS PERPENDICULAR WALL/CABINET, TYPICAL.
	6.20	SOLID SURFACE INTEGRAL SINK. BASIS OF DESIGN: SAMSUNG, STARON A3181 SINK, COLOR "BRIGHT WHITE" BW010. ALSO SEE PLUMBING DRAWINGS.
	3.01 9.06	NEW DOOR AND DOOR FRAME. SEE DOOR SCHEDULE. WALL TILE AS SCHEDULED. SEE FINISH FLOOR PLAN AND FINISH SCHEDULE FOR MATERIAL TYPE, SIZE, COLOR, ETC. INSTALL 5/8 INCH THICK CEMENT BACKER BOARD BEHIND WALL TILE.
09	9.08	WALL BASE AS SCHEDULED. SEE FINISH FLOOR PLANS AND FINISH SCHEDULE FOR MATERIAL, SIZE, COLOR, ETC.
	9.11 0.01	GYPSUM BOARD HEADER/SOFFIT. SEE DETAILS 6/A503A AND 9/A503A. GRAB BAR. PROVIDE GRAB BARS REQUIRED FOR WATER CLOSET, SHOWER, ETC. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC. PROVIDE 'TYPE 1' METAL STUD BACKING PER DETAIL 5/A502A
10	0.03	PAPER TOWEL DISPENSER, OWNER FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR SHALL PROVIDE BACKING IN WALL AS REQUIRED. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
10	).04	SOAP DISPENSER, OWNER FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR SHALL PROVIDE BACKING FOR ALL OWNER FURNISHED ITEMS. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
10	0.05	TOILET PAPER DISPENSER, OWNER FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR SHALL PROVIDE BACKING FOR ALL OWNER FURNISHED ITEMS. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
10	0.07	MIRROR, 2'-0" WIDE X 3'-0"HIGH, TYPICAL. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
10	).09	SANITARY NAPKIN DISPOSAL, CONTRACTOR FURNISHED, CONTRACTOR INSTALLED. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
10	0.10	TOILET SEAT COVER DISPENSER, CONTRACTOR FURNISHED, CONTRACTOR INSTALLED. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
	0.11	SHOWER SEAT. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC. PROVIDE IN-WALL METAL STUD BACKING 'TYPE 1'. SEE DETAIL 11/A502B.
	).12 ).16	SHOWER CURTAIN WITH CEILING MOUNTED TRACK. SEE DETAIL 12/A503A. RECESSED SOAP DISH. CONTRACTOR FURNISHED, CONTRACTOR INSTALLED.
10	).22	MARKER BOARD. BOARD SHALL BE 2'-0" WIDE X 4'-0" HIGH. UNLESS NOTED OTHERWISE, MOUNT BOTTOM OF BOARD AT 3'-0" FROM FINISH FLOOR.
10	).25	GLOVE DISPENSER, OWNER FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR SHALL PROVIDE BACKING FOR ALL OWNER FURNISHED ITEMS. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
	).28	WIPE DISPENSER, OWNER FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR SHALL PROVIDE BACKING FOR ALL OWNER FURNISHED ITEMS.
	).31 1.09	WALL MOUNTED ROBE HOOK. SEE SPECIFICATIONS. COMPUTER, NOT IN CONTRACT. OWNER FURNISHED OWNER INSTALLED.
	1.13	WALL MOUNTED TELEVISION (TV). OWNER FURNISHED CONTRACTOR INSTALLED. PROVIDE 3'-0" W X 2'-0" D X 18 GA IN WALL SHEET METAL BACKING TO SUPPORT THE TV BRACKET. SEE ELECTRICAL DRAWINGS FOR POWER AND DATA REQUIREMENTS.
12	2.02	MANUAL ROLLER WINDOW SHADE - CEILING MOUNTED. BLACKOUT + SUNSCREEN. SEE SPECIFICATIONS. ALSO SEE DETAIL 5/A506A
12	2.10	PATIENT BED, OWNER FURNISHED OWNER INSTALLED. ALSO SEE ELCTRICAL DRAWINGS FOR POWER.
	2.11	BED SIDE CABINET FOR CPAP AND PSG SYSTEM. PROVIDED AND INSTALLED BY MILLWORK CONTRACTOR. SEE DETAIL 6/A505C.
	2.12	SHOWER CURTAIN, SEE FINISH FLOOR PLAN AND FINISH SCHEDULE FOR DETAILS.
	2.01	WATER CLOSET. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC. SEE PLUMBING DRAWINGS.
	2.06 2.19	SHOWER HEAD. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC. SEE PLUMBING DRAWINGS. WALL MOUNTED MED GAS OUTLET FOR OXYGEN. SEE MED GAS
	5.18	DRAWINGS. NURSE CALL, TYP. SEE ELECTRICAL DRAWINGS.
26	5.19	NURSE CALL/PILLOW SPEAKER, TYP. SEE ELECTRICAL DRAWINGS.
	5.20 5.21	PATIENT INTERCOM. SEE ELECTRICAL DRAWINGS. CCTV CAMERA, SEE ELECTRICAL DRAWINGS.
	6.22	INFRARED CAMERA, SEE ELECTRICAL DRAWINGS.





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