# Intermountain Healthcare LDS Hospital Central Processing Remodel

8th Avenue, C Street Salt Lake City, UT 84143

## **Construction Documents**

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### **DESIGN TEAM**

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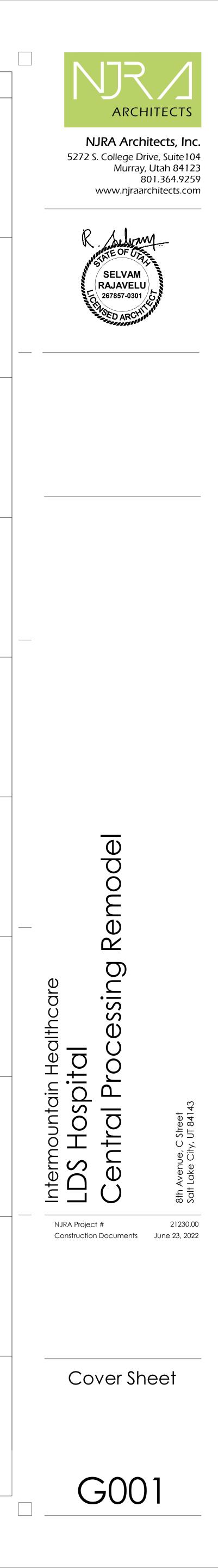
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Contacts:

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INTERIM LIFE SAFETY MEASURES	ГКС	DJECT DESCRIPTION		
<ul> <li>IMPLEMENTATION OF INTERIM LIFE SAFETY MEASURES (ILSM) IS REQUIRED IN OR ADJACENT TO ALL CONSTRUCTION AREAS AND THROUGHOUT BUILDINGS WITH EXISTING LSC DEFICIENCIES. ILSM APPLY TO ALL PERSONNEL, INCLUDING CONSTRUCTION WORKERS, MUST BE IMPLEMENTED UPON PROJECT DEVELOPMENT, AND CONTINUOUSLY ENFORCED THROUGH PROJECT COMPARABLE TO THAT DESCRIBED IN CHAPTERS 1 THROUGH 7, 31 AND THE APPLICABLE OCCUPANCY CHAPTERS OF THE LSC. EACH ILSM ACTION MUST BE DOCUMENTED THROUGH WRITTEN POLICIES AND PROCEDURES. EXCEPT AS STATED BELOW, FREQUENCIES FOR INSPECTION, TESTING, TRAINING, AND ILSM CONSIST OF THE FOLLOWING ACTIONS:</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 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> <li>3 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 CONSTRUCTION PARTITIONS ARE SMOKE TIGHT AND BUILT OF NONCOM OR LIMITED COMBUSTIBLE MATERIALS THAT WILL NOT CONTRIBUTE TO THE DEVELOPMENT OR SPREAD OF FIRE.</li> </ul>	A. Pro Pro ass	ROJECT INCLUDES THE FOLLOWING SCO oject scope includes replacement of e occessing decontamination room with a sociated finish upgrades as noted in th 9 SQ FT	existing fixed sinks at adjustable height sin	iks. Along with
5 PROVIDING ADDITIONAL FIRE-FIGHTING EQUIPMENT AND USE TRAINING OF PERSONNEL.	ΔΡΕ	PROVAIS		
ALL CONSTRUCTION AREAS.				
<ul> <li>BUILDING TO THE LOWEST LEVEL NECESSARY FOR DAILY OPERATIONS.</li> <li>8 CONDUCTING A MINIMUM OF TWO FIRE DRILLS PER SHIFT PER QUARTER.</li> <li>9 INCREASING HAZARD SURVEILLANCE OF BUILDINGS, GROUNDS, AND EQUIPMENT</li> </ul>	Approv	vers Name, Title		Date
WITH SPECIAL ATTENTION TO EXCAVATIONS, CONSTRUCTION AREAS CONSTRUCTION STORAGE, AND FIELD OFFICES.	Approv	vers Name, Title		Date
SAFETY ARE COMPROMISED.				
AWARENESS OF ANY LSC DEFICIENCIES, CONSTRUCTION HAZARDS, AND THESE ILSM.	Approv	vers Name, Title		Date
	Approv	vers Name, Title		Date
INFECTION CONTROL RISK ASSESSMENT	ABE	BREVIATIONS		
CONSTRUCTION ACTIVITY TYPE Type D: Major demolition or construction that creates major disruption, i.e. noise, dust,	&	AND AT	DWL. DN.	DOWEL DOWN
<ul> <li>vibration, odor, or mechanical systems</li> <li>includes, but not limited to:</li> <li>heavy demolition or removal of a complete cabling system</li> </ul>	Ø	DIAMETER	D.S. D.W.V. DWG.	DOWN SPOUT DRAINAGE WASTE VE DRAWING
INFECTION CONTROL RISK GROUP Highest:	d #	PENNY POUND OR NUMBER	<b>E</b> EA. E.W.C.	EACH ELEC. WATER COOLE
CONSTRUCTION CLASS Construction Activity Type:	AC ADD	ACOUSTIC ADDENDUM AIR CONDITIONING	EL./ELEC. ELEV. EQ.	ELEVATION EQUAL
IC Risk GroupType AType BType CType DLowestClass IClass IIClass IIClass IIIMediumClass IClass IIClass IIIClass IV	ALT. AL A.B.	ALTERNATE ALUMINUM ANCHOR BOLT	EXH. EXIST.	EQUIPMENT EXHAUST EXISTING EXPANSION JOINT
High       Class I       Class II       Class IV         Highest       Class II       Class IV       Class IV         INFECTION CONTROL PROTOCOLS	ARCH ASP.	ARCHITECT(URAL) ASPHALT	E.J. EXT. F	EXPANSION JOINT EXTERIOR
<ul> <li>During Construction (Class IV):</li> <li>Perform work using methods to minimize raising dust or tracking dust into other areas.</li> </ul>	B BSMT. B.M.	BASEMENT BENCHMARK BLOCKING	FT. FV/F.V. FIN.	FEET FIELD VERIFY FINISH(ED)
<ul> <li>Use active dust control measures.</li> <li>Use water mist to control dust while cutting.</li> <li>Seal doors, ducts, vents and HVAC units.</li> </ul>	BLKG. BD. B.O. BLDG.	BLOCKING BOARD BOTTOM OF BUILDING	F.E. F.E.C. FIXT.	FIRE EXTINGUISHER FIRE EXTINGUISHER CA FIXTURE
<ul> <li>effective.</li> <li>Remove debris only in tightly covered containers.</li> <li>Construct barriers to prevent dust and other contaminant migration prior to</li> </ul>	CAB'T	CABINET	FL. G	FLASHING GALVANIZED
<ul> <li>beginning work.</li> <li>Maintain negative air pressure in work space using HEPA filtration units.</li> <li>Seal all pipes, conduits and penetrations.</li> <li>Construct and use anteroom for all entry to work area; HEPA vacuum all</li> </ul>	C.I.P. C.B. CLG.	CAST IN PLACE CATCH BASIN CEILING	GALV. GA. G.C. G.S.N.	GALVANIZED GAUGE GENERAL CONTRACT GENERAL STRUCTURA
<ul> <li>Construct and use anterborn for all entry to work area, her A vacuum all personnel, or have them change clothing before they leave the work area.</li> <li>All personnel wear shoe covers while in the work area and remove then before entering the hospital.</li> </ul>	CL C.T. CH	CENTER LINE CERAMIC TILE CHANNEL	GL. GD.	GENERAL STRUCTURA GLASS GRADE GRILLE
Upon Completion (Class IV): • Clean work area.	C.O. CLR. CL.	CLEAN OUT CLEAR CLOSET	GRL. GRD. GYP.	GRILLE GROUND GYPSUM
<ul> <li>Remove final debris only in tightly covered containers.</li> <li>Vacuum using HEPA filtered vacuum; mop with disinfectant as appropriate.</li> <li>Remove all seals from doors, ducts, vents and HVAC units.</li> </ul>	COL. CONC. CMU	COLUMN CONCRETE CONCRETE MASONRY UNIT	<b>H</b> HDW. HDWD.	HARDWARE HARDWOOD
<ul> <li>Remove construction barriers in a manner that minimizes the spread of dust and debris.</li> </ul>	COND. CONN. CONST.	CONDITION CONNECTION CONSTRUCTION	HTR. HT. H.P.	HEATER HEIGHT HIGH POINT
	CONT CJ	CONTINUOUS CONTROL JOINT	H.M. HORIZ.	HOLLOW METAL HORIZONTAL HOSE BIB
	<b>D</b> D.P. D.B.	DAMP PROOFING DECK BEARING	H.W. HR.	HOT WATER HOUR
	DIAG. DIA. DIM. DISP.	DIAGONAL DIAMETER DIMENSION DISPENSER	<b>I</b> IN. I.D.	INCH INSIDE DIAMETER
	TRAINING, AND ILSM CONSIST OF THE FOLLOWING ACTIONS:  TRAINING, AND ILSM CONSIST OF THE FOLLOWING ACTIONS:  POSISTED ETAINING & ALTERNATIVE EDITS MUST ECOSIST. PERCONNEL SHALL  POSISTED FRAME OF A LITERNATIVE EDITS MUST ECOSIST. PERCONNEL SHALL  POSISTED CONTROL CONSISTENCE ON A DIVERSIST IN CONSTRUCTION AREAS MUST EE  INSPECTED ADJY.  DESUGRIST AT ALL THESE MAANS OF EGRESS IN CONSTRUCTION AREAS MUST EE  INSPECTED ADJY.  DESUGRIST AT ALL THESE MAANS OF EGRESS IN CONSTRUCTION AREAS MUST EE  INSPECTED ADJY.  DESUGRIST AT ALL THESE MACHINE OF CONSTRUCTION AREAS MUST EE  INSPECTED ADJY.  POSISTED ADJY.	IRANNE, AND LSM CONSID OF HE POLICIPING ACTIONS:	TAU-BIE, AND MY CONSIST OF HERE ON LYNNEL ACT DIS  PARAGE AF HERE AND MY CONSIST OF HERE ON LYNNEL ACT DIS  PARAGE AF ALL BARACENESS WILL BE CONTROLLED ACTS AND IT ALL BARACENESS  PARAGE AF ALL BARACENESS WILL BE CONTROLLED ACTS AND IT ALL BARACENESS  PARAGE AF ALL BARACENESS WILL BE CONTROLLED ACTS AND IT ALL BARACENESS  PARAGE AF ALL BARACENESS WILL BE CONTROLLED ACTS AND IT ALL BARACENESS  PARAGE AF ALL BARACENESS WILL BE CONTROLLED ACTS AND IT ALL BARACENESS  PARAGE AF ALL BARACENESS WILL BE CONTROLLED ACTS AND IT ALL BARACENESS  PARAGE ACTS AND IT ALL BARACENESS CONTROLLED ACTS AND IT ALL BARACENESS  PARAGE ACTS AND IT ALL BARACENESS CONTROLLED ACTS AND IT ALL BARACENESS  PARAGE ACTS AND IT ALL BARACENESS CONTROLLED ACTS AND IT ALL BARACE	

### VICINITY MAP



P.S.F. POUNDS PER SQUARE FOOT

RECOMMENDATION

REGISTER

R

REC.

REG.

RAD. RADIUS

REQ'D REQUIRED

WN wn spout AINAGE WASTE VENT AWING C. WATER COOLER CTRIC /ATION AL IPMENT IAUST STING ANSION JOINT ERIOR D VERIFY

INT. INTERIOR

INV. INVERT

JAN. JANITOR

JOINT

JOIST

J

JT.

JST.

SH(ED) E EXTINGUISHER E EXTINGUISHER CABINET JRE Shing

JGE VERAL CONTRACTOR **NERAL STRUCTURAL NOTES** 

				1. GENERAL: BASIC CONTRA CONTRACT.     2 "APPROVED": WHEN USED.		
SPEC	IAL INSP	ECTIONS		DEFINITIONS		
			۷.0.1.			
	P.S.I.	POUND PER SQUARE INCH	VEST. V.C.T.	VESTIBULE VINYL COMPOSITION TILE		
	pl. PLBG.	PLATE PLUMBING	V.G.	VERTICAL GRAIN		
	P.L. PL.	PLASTIC LAMINATE PLATE	VERT.	VERTICAL		
	-		V.T.R.	VENT THROUGH ROOF		
	PNL. d	PANEL PENNY	V.	VENT		
	PR. PNL.	PAIR	V			
	PTD.					
	PT.	PAINT	U.N.O.	UNLESS NOTED OTHERWISE		
	<b>Р</b> рт	ΡΔΙΝΙΤ	U			
	-					
	O.F.O.I.	OWNER FURNISHED, OWNER INSTALLED	TYP.	TYPICAL		
		INSTALLED	T.O.P.	TOP OF PARAPET		
	O.F.C.I.		T.O.D.	TOP OF DECK		
	O.F.S.	OVERFLOW SCUPPER	T.O.C.	TOP OF CURB		
	0.R.D.	OVERFLOW ROOF DRAIN	T.O.	TOP OF		
	0.D.	OUTSIDE DIAMETER	T&B	TOP & BOTTOM		
	0.C.	ON CENTER	1.0. T&G	TONGUE & GROOVE		
	ο		T.G.	TEMPERED GLASS		
	11.1.3.		TELCO	TELEPHONE COMPANY		
	N.T.S.	NOT TO SCALE	т			
163	N/A N.I.C.	NOT APPLICABLE NOT IN CONTRACT	SW.BD.	SWITCHBOARD		
TES	NOM. N/A	NOMINAL NOT APPLICABLE	SUSP.	SUSPENDED		
	N.G.	NATURAL GRADE	S.A.			
	NG		STRUC.			
	NI		STD.	STANDARD		
	MULL.	MULLION	S.S.	STAINLESS STEEL		
	MLDG.	MOLDING	SQ.			
	MIN.		SPL.	SPLASH		
I	MTL.	METAL	SPEC.	SPECIFICATION		
<b>-</b>	MECH.	MECHANICAL	SM.	SMOOTH		
	MAX.	MAXIMUM	SLDG.	SLIDING		
	MAT'L	MATERIAL	SIM.	SIMILAR		
	M.O.	MASONRY OPENING	SHT.	SHEET		
	MFR.	MANUFACTURER	SEL.	SELECT		
	M.B.	MACHINE BOLT	SECT.	SECTION		
	Μ		SCR.	SCREW		
			S			
	LVR.	LOUVER				
	L.W.C.	LIGHT WEIGHT CONCRETE	RND.	ROUND		
	LT.	LIGHT	RGH.	ROUGH	WD.	WOOD
	LAV.	LAVATORY	RM.	ROOM	W/O	WITHOUT
	LDG.	LANDING	RFG.	ROOFING	WDW. W/	WITH
	LAM.	LAMINATED	R.D.	ROOF DRAIN	WDW.	WINDOW
	L		REV.	REVISION	W.F.	WIDE FLANGE
	J21.	JOI21	REQID R.A.	REQUIRED RETURN AIR	W.P. W.W.F.	WATERPROOF WELDED WIRE FABRIC

- RE INCLUDED IN THE CONDITIONS OF THE 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."

V.C.P. VITREOUS CLAY PIPE

W.C. WATER CLOSET

W.H. WATER HEATER

W.P. WATERPROOF

WATER RESISTANT

W

W.R.

- 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.

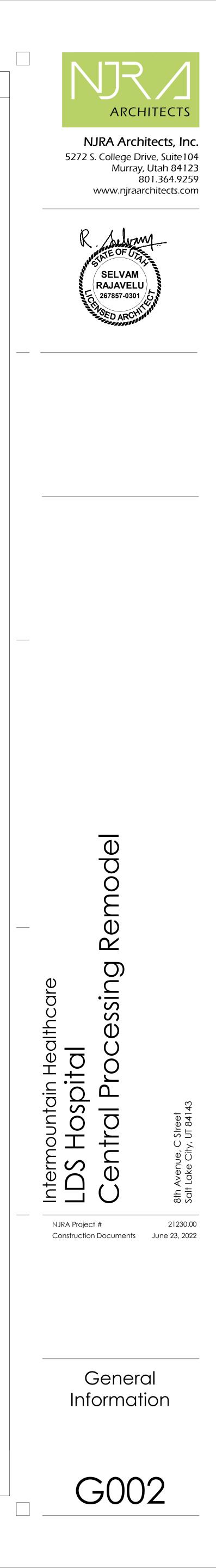
### DRAWING INDEX

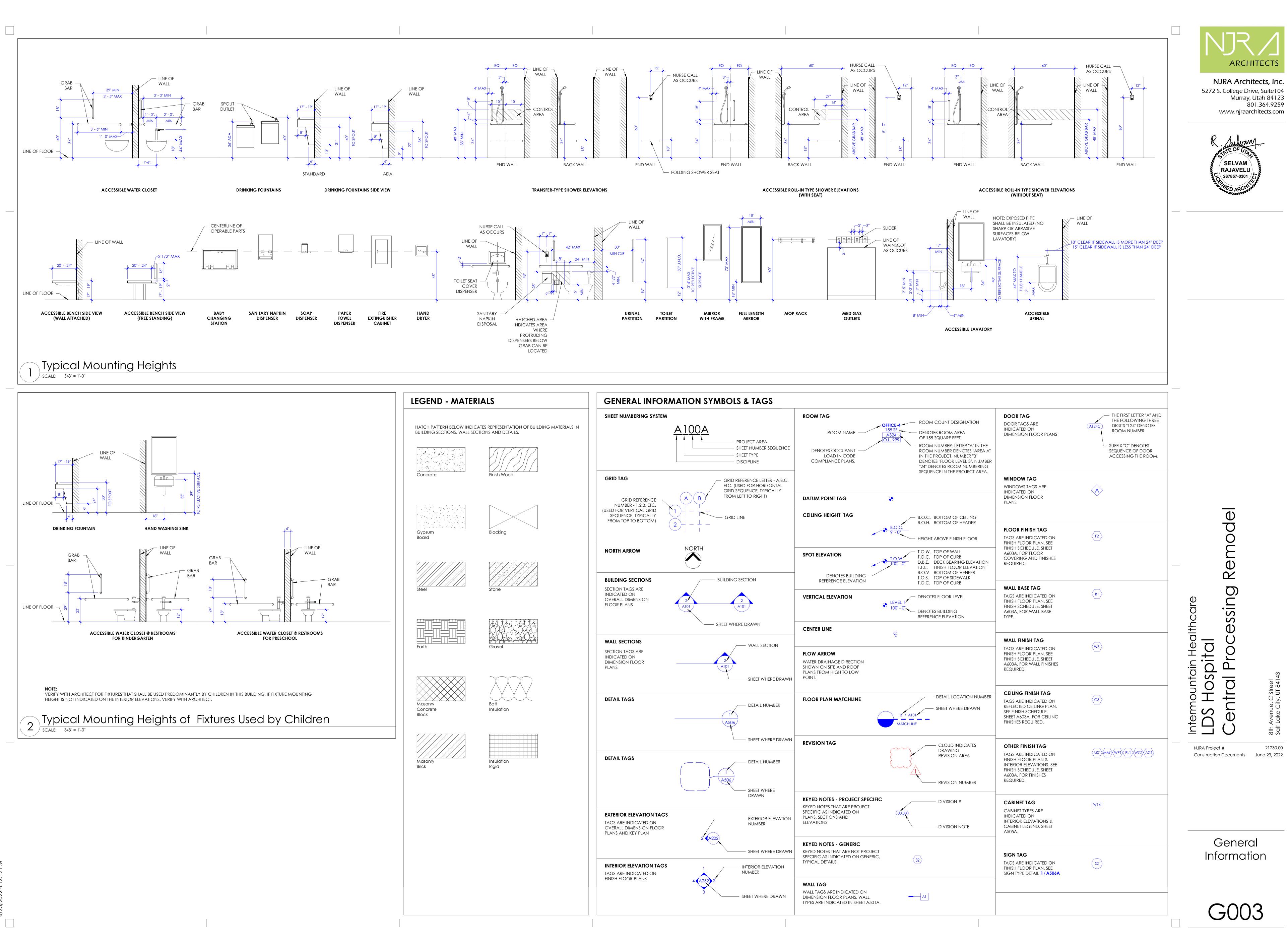
GENERAL	
G001	Cover Sheet
G002	General Information
G003	General Information
G004	American National Standard Institute Requirements
G005	General Legend & Notes
G006	Code Compliance General Information & Legend
G111	Code Compliance Plan Level 1 - Overall
ARCHITECT	URAL
A113	Floor Plan Level 1 - Overall
A113A	Floor Plan Level 1 - Area A
A117A	Finish Plan Level 1 - Area A
A251	Interior Elevations
A501A	Wall Types
A502A	Wall Details
A502B	Wall Details
A503A	Ceiling Details
A506A	Details
A603A	Finish Schedule & Details

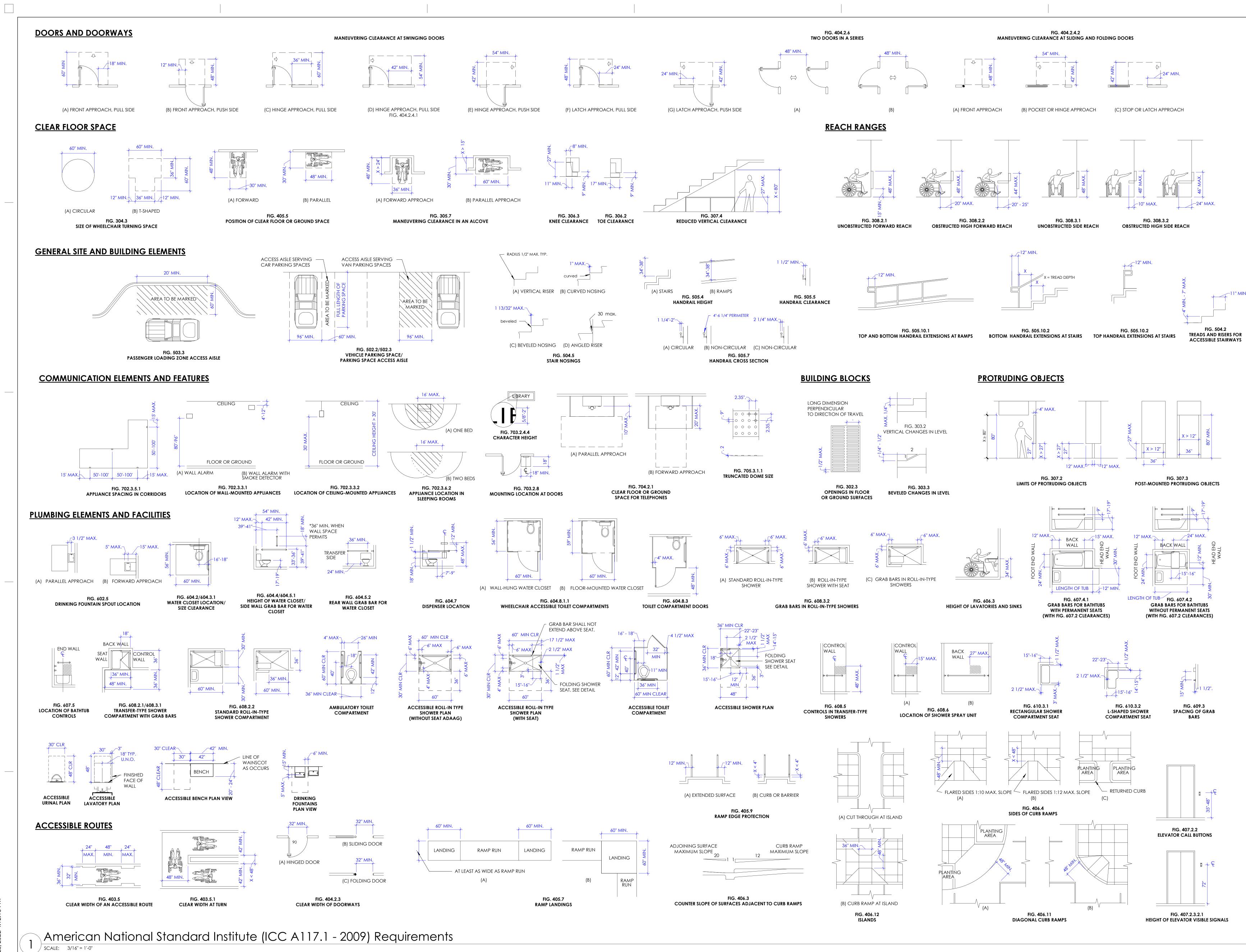
PLUMBING	
M000	Mechanical Symbols Legend and General Notes
P101	Plumbing Plan - Area A

### ELECTRICAL

EE001	Sheet Index, Abbreviations, and General Notes
EE501	Electrical Details
EE701	Typical Mountina Height Details
ED101	Basement Electrical Demilition Plan
EP101	Basement Power Plans

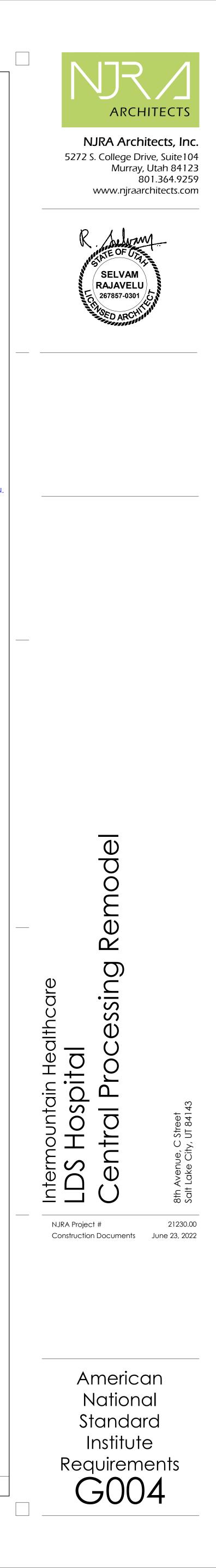












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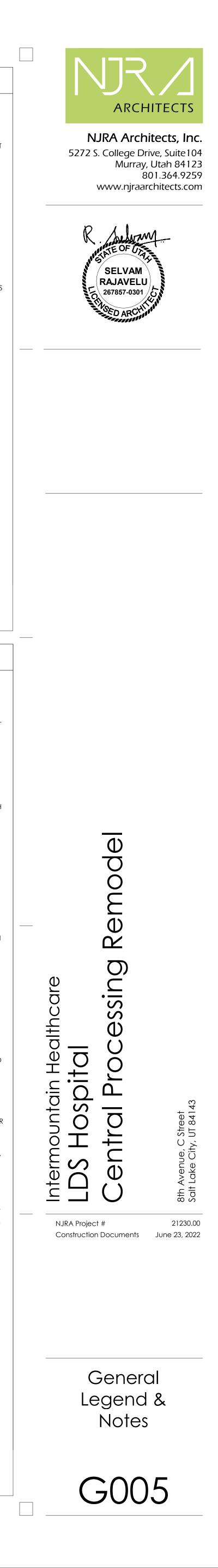
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THIS LEGEND AKE DRAWN AT $1/4'' =$	LIGHT FIXTURES, ETC) INDICATED BELOW IN	A505A AND IF INDICATED ON INTERIOR ELEVATIONS. B. IN ROOMS WHERE CABINETS ARE REQUIRED TO BE LOCKED, PROVIDE LOCKS
ialf the size (Smaller) on plans	1'-0" SCALE. COMPONENTS SHALL APPEAR DRAWN AT 1/8" = 1'-0" SCALE.	<ul> <li>b. IN ROOMS WHERE CABINETS ARE REQUIRED TO BE LOCKED, PROVIDE LOCKS OPERABLE WITH SINGLE KEY.</li> <li>C. FOR TYPICAL MOUNTING HEIGHTS, SEE SHEET G003. FOLLOW THE HEIGHT UNLESS NOTED OTHERWISE IN INTERIOR ELEVATIONS. VERIFY WITH ARCHITECT FOR ITEMS NO INDICATED.</li> </ul>
	2' X 4' LAY-IN ACOUSTICAL PANEL CEILING. SEE DETAILS 1/A503A , 4/A503A , 7/A503A , 10/A503A	<ul> <li>D. CONTRACTOR SHALL VERIFY WITH OWNER FOR OWNER FURNISHED CONTRACTOR INSTALLED ITEMS AND PROVIDE BACKING IN WALL AS REQUIRED FOR INSTALLATION</li> <li>E. INTERIOR ELEVATIONS OF CERTAIN ROOMS ARE NOT DRAWN AND ARE NOTED AS SIMILAR ELEVATIONS OF ROOMS THAT ARE INDICATED IN THE DRAWINGS.</li> <li>F. CONTRACTOR SHALL PROVIDE FILLER PANELS (PLASTIC LAMINATE WRAPPED OVER 5/8" PARTICLE BOARD) WHEREVER GAP OCCURS BETWEEN CABINETS AND WALL.</li> <li>G. SEE FINISH FLOOR PLANS AND FINISH SCHEDULE A603A FOR WALL, CABINET AND COUNTERTOP FINISHES.</li> </ul>
	2' X 2' LAY-IN ACOUSTICAL PANEL CEILING. SEE DETAILS 1/A503A , 4/A503A , 7/A503A , 10/A503A	<ul> <li>H. SEE SHEET A505A FOR CABINET LEGEND (TYPES B1, W1, T1, ETC.). UNLESS NOTED OTHERWISE, ALL THE CABINETS AND COUNTERTOPS IN EACH ROOM SHALL BE OF TH SAME FINISH (PL1, PL2, SS1, ETC.) AS INDICATED ON THE INTERIOR ELEVATION OF EACH ROOM. WHERE MULTIPLE FINISHES ARE REQUIRED FOR CABINETS, WALLS, ETC. IN THE ROOM, EACH FINISH IS INDICATED SEPARATELY. CONTACT ARCHITECT FOR REQUIRED CLARIFICATIONS.</li> <li>I. COUNTERTOPS ARE TYPICALLY SUPPORTED BY WALLS AND BASE CABINETS. IN PLAC WHERE COUNTERTOP SPAN EXCEEDS 4' - 0", STEEL SUPPORTS SHALL BE PROVIDED A INDICATED IN DETAILS -/ AND -/</li> </ul>
	SUSPENDED GYPSUM BOARD CEILING OR SOFFIT SEE DETAILS 2/A503A , 3/A503A , 5/A503A , 8/A503A	<ul> <li>J. AS INDICATED ON INTERIOR ELEVATIONS, WALL CABINETS AT CERTAIN LOCATIONS MAY REQUIRE A VERTICAL OR A SLOPED FASCIA PANEL.</li> <li>K. AN ENLARGED FLOOR PLAN HAS BEEN INCLUDED ALONG WITH INTERIOR ELEVATIONS FOR ROOMS THAT ARE COMPLEX IN DESIGN. SUCH COMPLEX ROOMS ARE INDICATED ON THE A400 SERIES SHEETS (STARTING WITH SHEET A401). ENLARGE FLOOR PLANS ARE NOT SHOWN FOR ROOMS THAT ARE SIMPLE IN DESIGN. INTERIOR ELEVATIONS OF SUCH SIMPLE ROOMS ARE INDICATED ON THE A250 SERIES SHEETS (STARTING WITH SHEET A251).</li> <li>L. FOR ALL CABINETS PROVIDE BACKING IN WALL AS PER DETAIL 3/A505B.</li> </ul>
	NEW SUPPLY AIR GRILLE - SEE MECHANICAL DRAWINGS	
	new return air grille - see mechanical Drawings	
	new exhaust fan - see mechanical Drawings	
9'-0"	CEILING HEIGHT ABOVE FINISHED FLOOR	
0	new 2' x 4' light fixture - see electrical Drawings	
AREAS ABOVE THE CEILING WHEN PAINT ALL VISIBLE EXPOSED ITEMS STEEL TRUSSES, MISCELLANEOUS E HOLLOW METAL DOORS, DOOR I SURFACES (WITH COLORS AND A	ONS. CEILING TILES AND LIGHTS FROM DUCTS. FOR RE OVERSIZE DUCTS OCCUR SEE DETAIL LIKE METAL DECK, STEEL ANGLES, STEEL BEAMS, XPOSED STEEL STRUCTURAL COMPONENTS, FRAMES & WINDOW FRAMES. PAINT EXPOSED CCENT COLORS AS SELECTED BY ARCHITECT)	<ul> <li>SHALL BE CORRECTED BY THE GENERAL CONTRACTOR AT HIS/HER OWN EXPENSE AND AT NO EXPENSE TO THE OWNER OR ARCHITECT.</li> <li>B. ALL WORK SHALL COMPLY WITH THE CURRENT ADA ACCESSIBILITY GUIDELINES (AMERICANS WITH DISABILITIES ACT).</li> <li>C. REFER TO THE CODE COMPLIANCE PLAN FOR APPLICABLE CODES GOVERNING TH WORK. CODE REQUIREMENTS AND REGULATIONS SHALL BE CONSIDERED AS MINIMUM. WHERE THE CONTRACT DOCUMENTS EXCEED (WITHOUT VIOLATING)</li> </ul>
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### **CODE REVIEW**

**CONSTRUCTION TYPE:** 

PPLICABLE CODES ternational Building Code (IB ternational Fire Code (IFC) ternational Mechanical Code ternational Plumbing Code (I NSI/ASHRAE/IES Standard 90.1 ational Electric Code (NEC) FPA 101 NSI 117.1	e (IMC) PC)	2018 2018 2018 2018 2010 2020 2018 2009
oject Description oject Scope is to remodel exi entral Processing to replace t CCUPANCY:	•	

Type I-A

OTHER CODE REQUIREMENTSTravel Distance:200 Feet (I-2)Common Path of Travel:75 Feet (I-2) Minimum Corridor Width: 8 Feet (I-2) Roof Covering Classification: A AUTOMATICALLY SPRINKLED Building is equipped with an automatic fire extinguishing sprinkler system. OCCUPANT LOADS: Business: 100 Sq. Ft. Gross per Occupant 20 Sq. Ft. Net per Occupant Classroom: Platform / Stage: 15 Sq. Ft. Net per Occupant Assembly (Unconcentrated): 15 Sq. Ft. Net per Occupant 300 Sq. Ft. Gross per Occupant 50 Sq. Ft. Net per Occupant Storage / Elec. / Mech.: Other Areas: Total Occupant Load: Unchanged Level 1 Remodel Area (Total): 299 SF FIRE RESISTANCE RATING FOR BUILDING ELEMENTS (TABLE 601)RequiredProvidedStructural Frame:333 Structural Frame: (2 hr, where supporting the roof) Bearing Walls: Exterior Interior 3 Non-Bearing Walls: Exterior

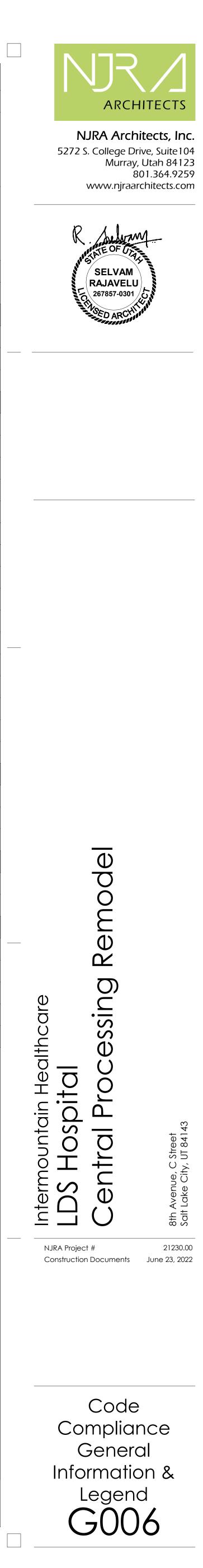
Interior00Floor Construction22Roof Construction1 1/21 1/2INCIDENTAL ACCESSORY OCCUPANCIES (TABLE 509)Boiler Room0 Hour (w/ automatic sprinkler system), but limit<br/>the transfer of smoke

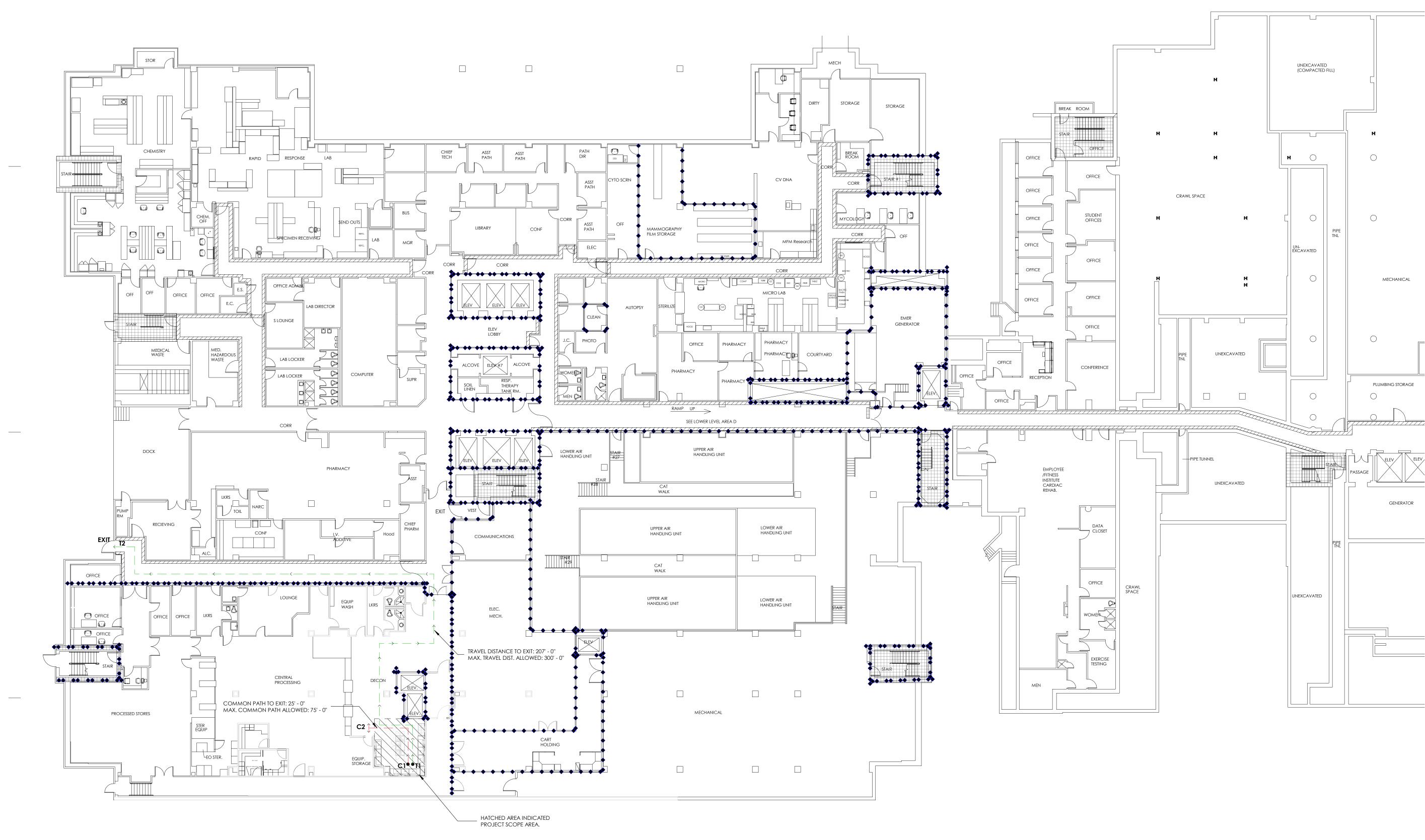
Rooms Containing Fire Pumps 1 Hour (w/ automatic sprinkler system - 913.2.1)

Contractor is required to use spray applied fire proofing to maintain fire proofing of the existing structural steel. See schedule above for more information on fire rating requirements for the construction type. Patch, repair and replace fire proofing at the adjacent existing that are damaged during construction to retain fire proofing acceptable to the authorities have jurisdiction, as required.

### **KEYED NOTES**

SYMBOL	DESCRIPTION				
EXIT 175 180 36"	EXIT TAG	EX 17 180			
	ALLOWABLE EXIT OCCUPANT LOAD COUNT. CALCULATE AS FOLLOWS: 36"/0.2" PER OCCUPANT = 180 OCCUPANTS				
ROOM NAME SQ. FT. ROOM # O.L. #	ROOM TAG ROOM NAME SQ. FT. ROOM # O.L. #				
			DENOTES OCCUPANT LOAD. CALCULAT PER IBC 2018, PAGE 259, TABLE 1004.5	'ED AS	
•	COMMON PATH OF TRAVEL				
$\bullet \rightarrow$	TRAVEL DISTANCE				
SYMBOL	DESCRIPTION	ТҮРЕ	FIRE RESISTANCE RATING		
— — — EW— — —	EXTERIOR WALL	FIRE WALL	VARIES. BASED ON FIRE SEPERATION DISTANCE		
PW	PARTY WALL (LOCATED ON LOT LINE)	FIRE WALL			
SE1	SHAFT ENCLOSURE WALL	FIRE BARRIER	1 Hour for less than 4 stories		
— — — SE2— — —	SHAFT ENCLOSURE WALL	FIRE BARRIER	2 HOURS FOR 4 STORIES OR MORE	<b>******</b>	
IE1	INTERIOR EXIT ENCLOSURE FOR STAIRWAY AND RAMP	FIRE BARRIER	1 Hour for less than 4 stories	<b>•</b> •	
IE2	INTERIOR EXIT ENCLOSURE FOR STAIRWAY AND RAMP	FIRE BARRIER	2 HOURS FOR 4 STORIES OR MORE	<b>******</b>	
— — —EA1— — —	EXIT ACCESS STAIRWAY ENCLOSURE	FIRE BARRIER	1 Hour for less than 4 stories	<b>•</b> •	
— — —EA2— — —	EXIT ACCESS STAIRWAY ENCLOSURE	FIRE BARRIER	2 HOURS FOR 4 STORIES OR MORE	<b>******</b>	
— — — EP — — —	EXIT PASSAGEWAY	FIRE BARRIER	1 HOUR	<b>•</b> •	
— — — HE— — —	HORIZONTAL EXIT	FIRE BARRIER	2 HOURS	<b>*</b> • <b>*</b> •	
AE	ATRIUM ENCLOSURE	FIRE BARRIER	1 HOUR	<b>•</b> _•	
	INCIDENTAL USE ROOM WALL 1	FIRE BARRIER	1 HOUR	<b>•</b> _•	
	INCIDENTAL USE ROOM WALL 2	FIRE BARRIER	2 HOURS	<b>******</b>	
CA	CONTROL AREA (FIRE BARRIER)	FIRE BARRIER			
	OCCUPANCY SEPARATION WALL 1	FIRE BARRIER	1 HOUR		
	OCCUPANCY SEPARATION WALL 2	FIRE BARRIER	2 HOURS	<b>****</b> _	
	OCCUPANCY SEPARATION WALL 3	FIRE BARRIER	3 HOURS	_ <b>***</b> _ <b>***</b> _ <b>***</b>	
FA	FA - FIRE AREA WALL	FIRE BARRIER			
— — — ·TS — — —	TENANT SEPARATION WALL	FIRE PARTITION	1 HOUR		
CW	CORRIDOR WALL	FIRE PARTITION			
— — — EL — — —	ENCLOSED ELEVATOR LOBBY SEPERATION	FIRE PARTITION			
— — — SB — — —	SMOKE BARRIER WALL	N/A	1 HOUR		
— — — SP — — —	SMOKE PARTITION WALL	N/A	0 HOUR		
SD1	Sound Barrier Wall STC 40	N/A	N/A		
SD2	Sound Barrier Wall STC 45	N/A	N/A		
SD3	Sound barrier wall stc 50	N/A	N/A		
SD4	Sound Barrier Wall STC 55	N/A	N/A		
— — — SD5— — —	Sound barrier wall stc 60	N/A	N/A		





Code Compliance Floor Plan Level 1 - Overall

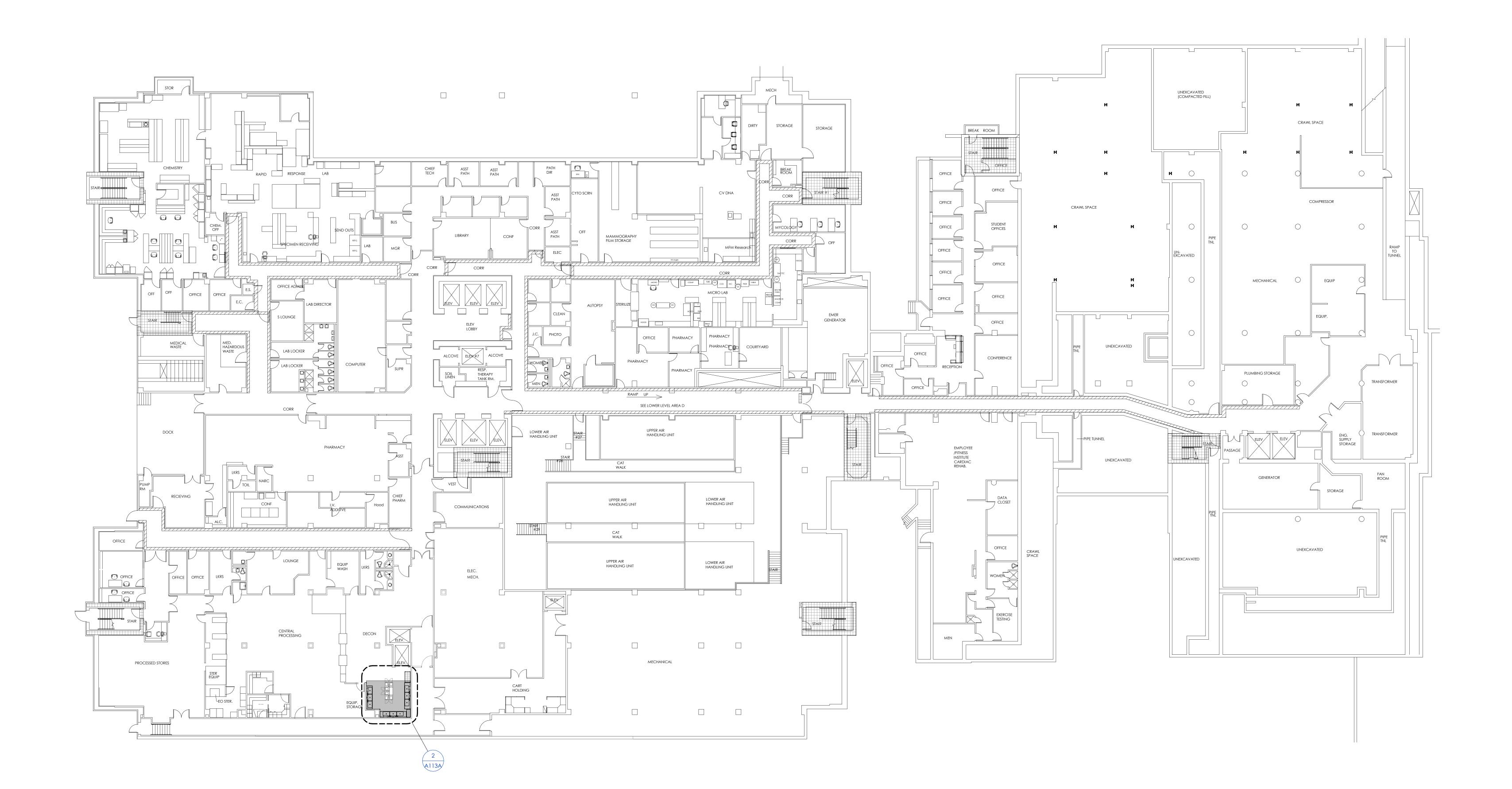
### **KEYED NOTES**

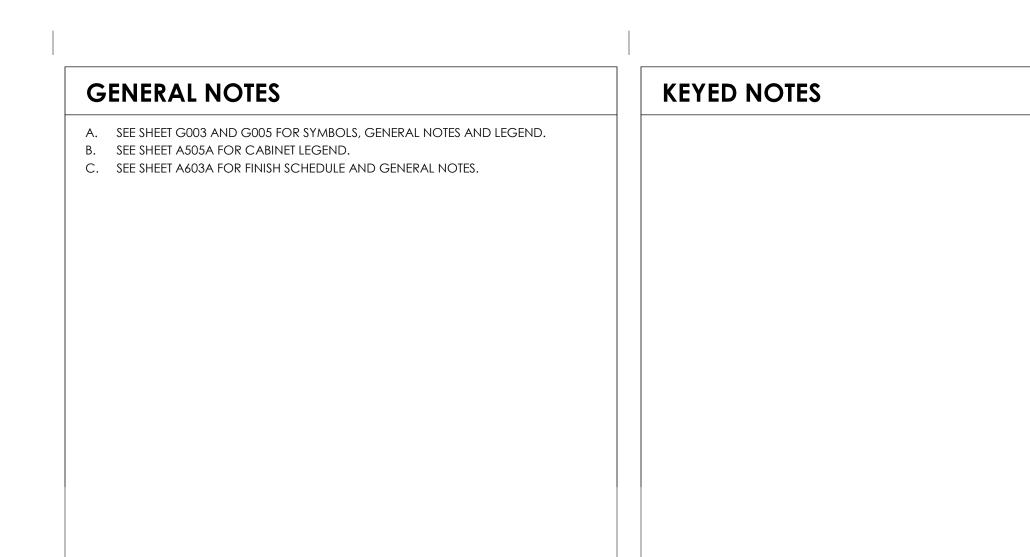
### GENERAL

A. SEE SHEET G007 FOR CODE COMPLIANCE GENERAL INFORMATION AND LEGEND.









NORTH

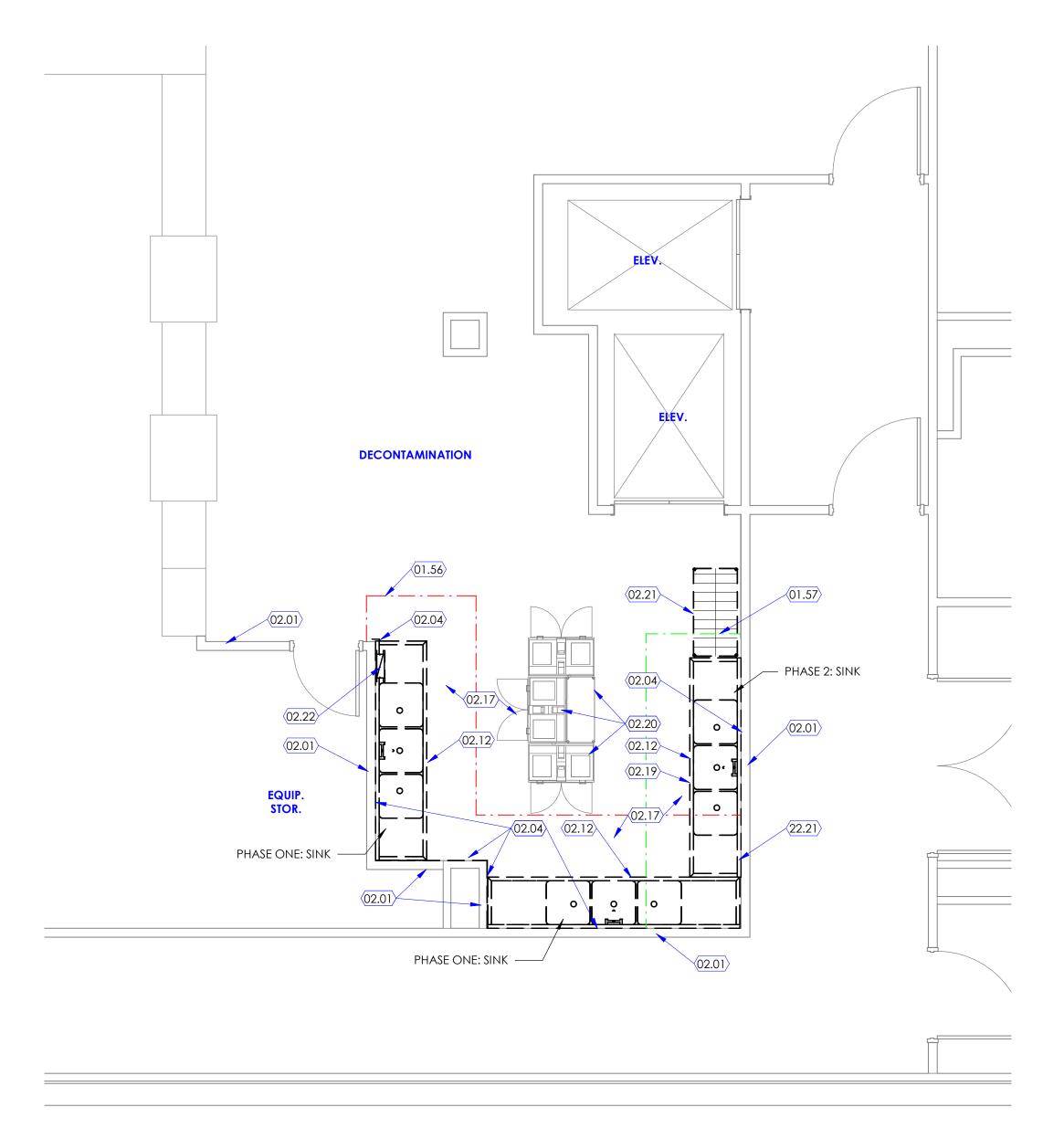




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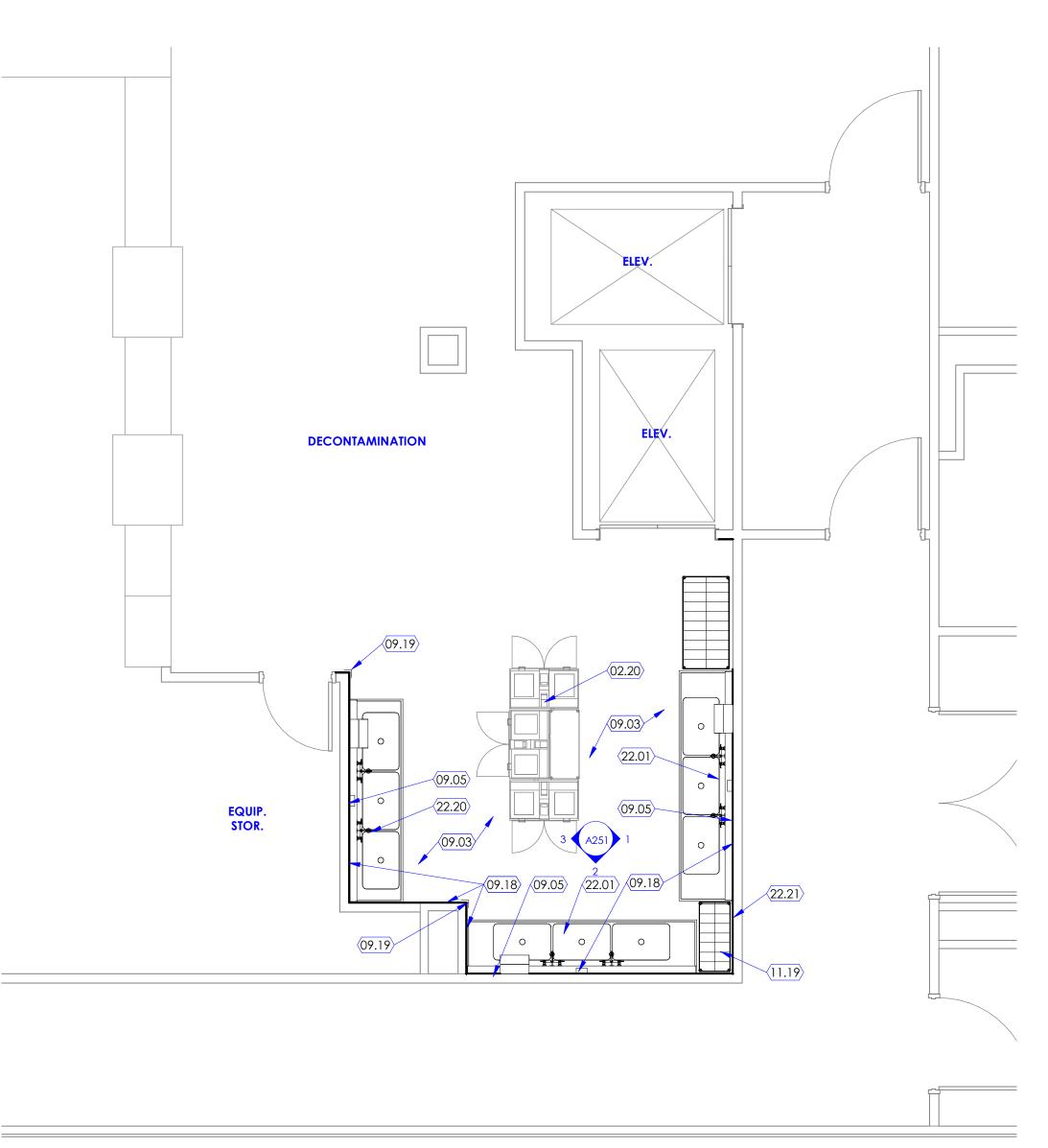
A113



1 Demolition Floor Plan Level 1 SCALE: 1/4" = 1'-0"

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 $2 \frac{Floor Plan Level 1}{SCALE: 1/4" = 1'-0"}$ 

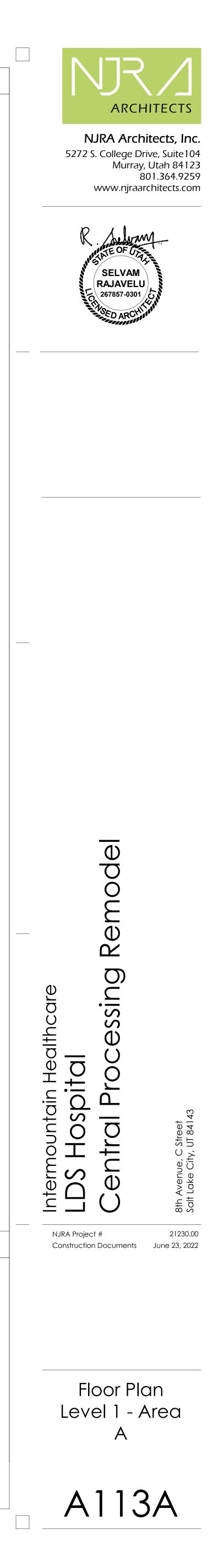
KEY	'ED NOTES
01.56	PHASE 1: CONSTRUCTION DUST BARRIER- FIRE RETARDANT VISQUEEN SHEET FROM FLOOR TO THE CEILING ABOVE. PROVIDE ZIPPER FOR ACCESS AND TAPE AND SEAL ALL OPENINGS AND PERIMETER FOR A COMPLETE DUST PROOF BARRIER TO MEET HOSPITAL INFECTION CONTROL REQUIREMENTS. PROVIDE STICKY MATS AT THE ENTRANCE.
01.57	PHASE 2: CONSTRUCTION DUST BARRIER- FIRE RETARDANT VISQUEEN SHEET FROM FLOOR TO THE CEILING ABOVE. PROVIDE ZIPPER FOR ACCESS AND TAPE AND SEAL ALL OPENINGS AND PERIMETER FOR A COMPLETE DUST PROOF BARRIER TO MEET HOSPITAL INFECTION CONTROL REQUIREMENTS. PROVIDE STICKY MATS AT THE ENTRANCE.
02.01	WALL. EXISTING TO REMAIN. PROTECT WALL FROM DAMAGE DURING CONSTRUCTION.
02.04	REMOVE STAINLESS STEEL WAINSCOT FROM WALL ON THE ROOM SIDE. PATCH AND REPAIR GYPSUM SHEATHING WHERE DAMAGED TO INSTALL AND MODIFY PLUMBING LINES, EXISTING INDICATED IN THIS AREA TO BE REMOVED.
02.12	PLUMBING FIXTURE, STAINLESS STEEL SINK EXISTING INDICATED WITH DASHED LINE TO BE REMOVED. PATCH AND REPAIR FLOOR AND WALL AS REQUIRED AND PREPARE TO RECEIVE NEW FINISHES. EXISTING PLUMBING PIPING TO BE MODIFIED AND RECONNECTED TO NEW SINK. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
02.17	FLOOR COVERING, QUARRY TILES EXISTING TO REMAIN. PROTECT FLOOR FROM DAMAGE DURING CONSTRUCTION. REMOVE PORTIONS AS REQUIRED TO REMOVE SINKS. PATCH, REPAIR TILED FLOOR TO MATCH WITH ADJACENT EXISTING.
02.19	REMOVE EXISTING SINK BASE AND PREPARE FLOOR TO RECEIVE NEW FINISHES.
02.20	EXISTING EQUIPMENT TO REMAIN. PROTECT DURING CONSTRUCTION.
02.21	EXISTING EQUIPMENT TO BE TEMPORARILY RELOCATED DURING CONSTRUCTION.
02.22	REMOVE EXISTING NITROGEN PANEL AND OUTLET AT THIS LOCATION. PATCH AND REPAIR WALL TO ORIGINAL CONDITION AFTER WORK IS COMPLETED. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
09.03	PATCH AND REPAIR QUARRY TILE FLOOR AS NEEDED. FIELD VERIFY TO MATCH WITH ADJACENT EXISTING FLOORING.
09.05	PATCH, REPAIR AND FINISH GYPSUM BOARD SHEATHING ON STUD FRAMING WALL AS NEEDED TO COMPLETE PLUMBING AND ELECTRICAL WORK. INSTALL NEW STAINLESS STEEL WAINSCOT. SEE FINISH PLANS, ELECTRICAL AND MECHANICAL DRAWINGS FOR MORE INFORMATION.
09.18	STAINLESS STEEL WALL PROTECTION TO MATCH EXISTING. SEE FINISH FLOOR PLAN FOR WAINSCOT, CORNER GUARDS, ETC. INDICATED WITH A TAG AS WP1, WP2, ETC. SEE FINISH SCHEDULE FOR MATERIAL TYPE, SIZE, COLOR, ETC.
09.19	STAINLESS STEEL CORNER GUARD.
11.19	16" X 36" WIRE SHELVING RACK, OWNER FURNISHED AND INSTALLED.
22.01	NEW 3 BASIN 120" ADJUSTABLE HEIGHT REPROCESSING SINK FROM STERIS. OWNER FURNISHED AND OWNER'S VENDOR INSTALLED. PROVIDE REQUIRED CONNECTIONS IN COORDINATION WITH VENDOR STERIS AS OUTLINED IN THE PLUMBING AND ELECTRICAL DRAWINGS. CONTACT STERIS FOR MORE INFORMATION.
22.20	NEW 3 BASIN 106" ADJUSTABLE HEIGHT REPROCESSING SINK FROM STERIS. OWNER FURNISHED AND OWNER'S VENDOR INSTALLED. PROVIDE REQUIRED CONNECTIONS IN COORDINATION WITH VENDOR STERIS AS OUTLINED IN THE PLUMBING AND ELECTRICAL DRAWINGS. CONTACT STERIS FOR MORE INFORMATION.

22.21 EXISTING MEDICAL AIR OUTLET AT THIS LOCATION TO REMAIN. PROTECT DURING CONSTRUCTION. NEW STAINLESS STEEL WAINSCOT TO BE WORKED AROUND THIS. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.



## A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND. B. SEE SHEET A505A FOR CABINET LEGEND. C. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.

GENERAL NOTES



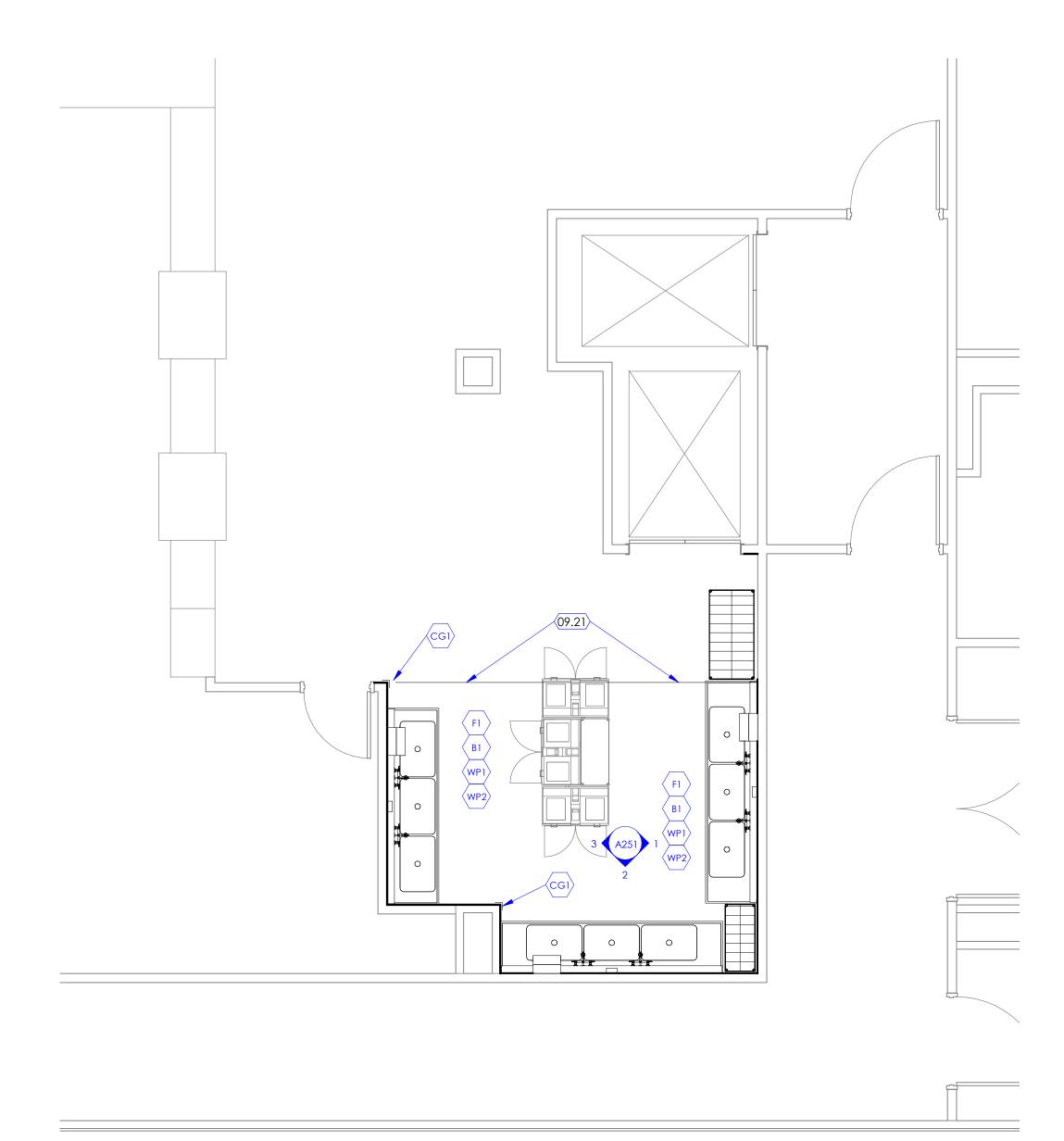
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### 1 Finish Floor Plan Level 0 SCALE: 1/4" = 1'-0"

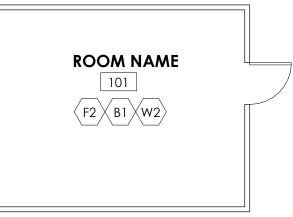
### **KEYED NOTES**

09.21 PATCH THE EXISTING FLOOR TILE IN THE INDICATED SPACE WITH NEW TILES TO MATCH. CONTINUE THE EXISTING FLOOR TILE PATTERN.



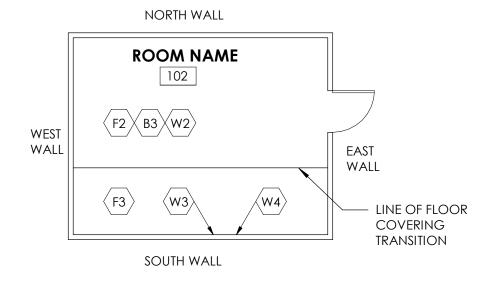
SAMPLE LAYOUT 1

SAMPLE LAYOUTS



NOTE: AS INDICATED IN ROOM NUMBER 101, MAJORITY OF THE ROOMS IN THE PROJECT SHALL HAVE A SINGLE TYPE OF FLOOR FINISH, WALL BASE AND WALL FINISH. WALL FINISH INDICATED AS "W2" SHALL APPLY TO ALL FOUR WALLS FROM FLOOR TO CEILING.

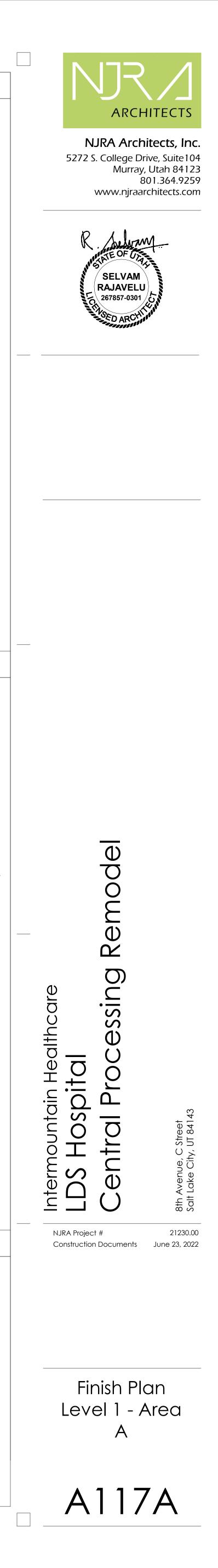
### SAMPLE LAYOUT 2

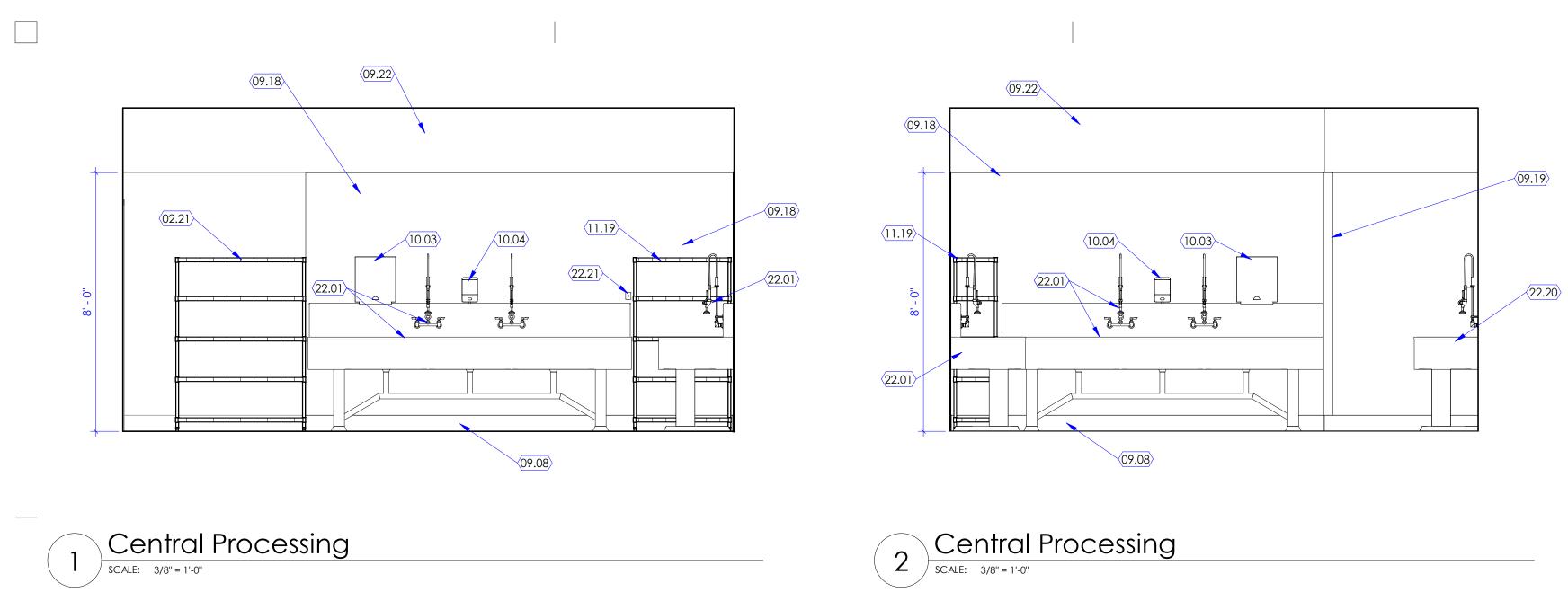


**NOTE:** AS INDICATED IN ROOM NUMBER 102, SOME ROOMS SHALL HAVE MULTIPLE FLOOR AND WALL FINISHES. SEE GENERAL NOTE "C" ON SHEET A603A FOR FLOOR COVERING TRANSITIONS. THE WALL FINISH INDICATED AS "W2" IN THE ROOM (WITHOUT AN ARROW POINTING TO ANY SPECIFIC WALL) SHALL APPLY TO THE WEST, NORTH AND EAST WALL. WHERE WALL FINISHES ARE INDICATED WITH AN ARROW POINTING TO THE SOUTH SIDE, WALL SHALL HAVE MULTIPLE FINISHES SUCH AS "W3" AND "W4". SEE INTERIOR ELEVATIONS FOR TRANSITION DETAILS BETWEEN "W3" AND "W4".

### GENERAL NOTES

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



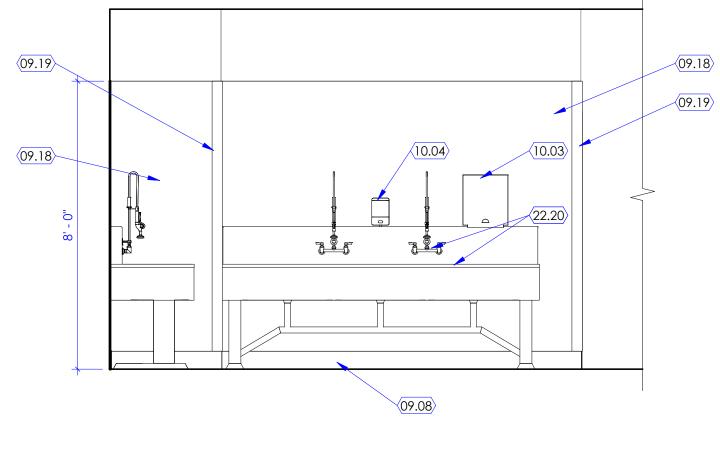




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3 Central Processing

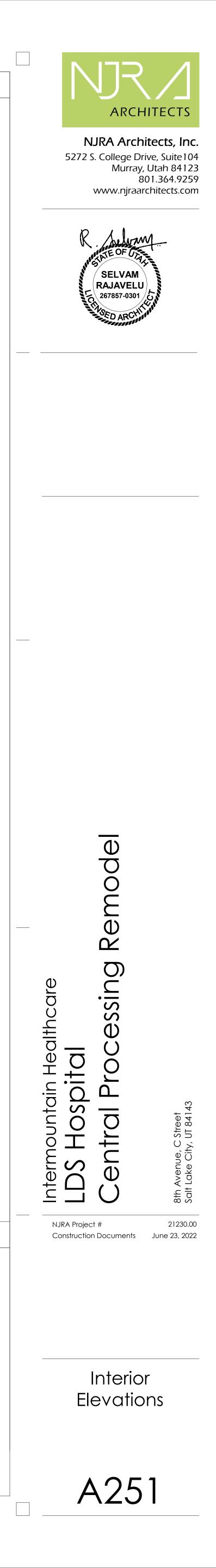


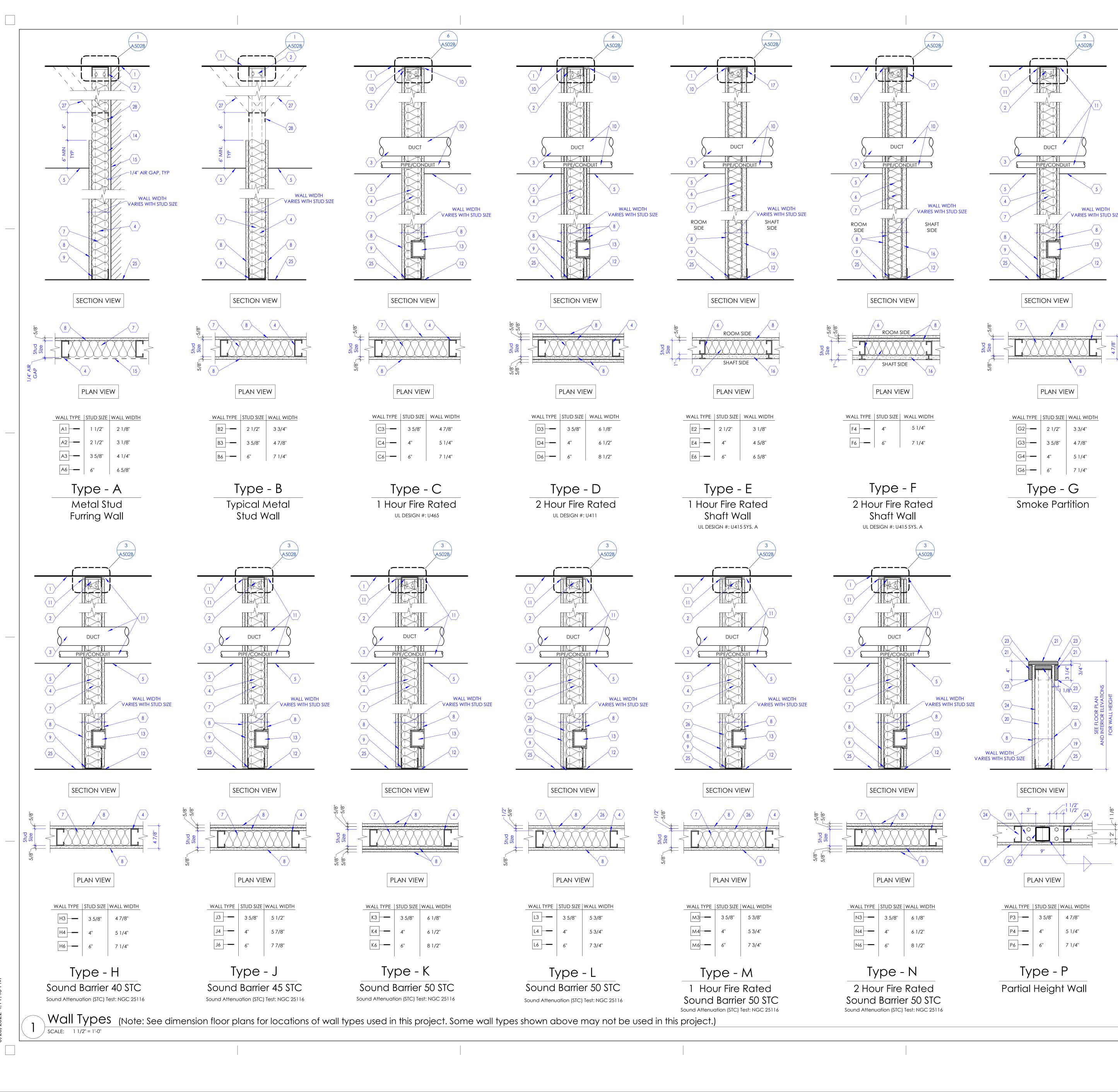
### **KEYED NOTES**

- 02.21 EXISTING EQUIPMENT TO BE TEMPORARILY RELOCATED DURING CONSTRUCTION.
- 09.08 TILE WALL BASE TO MATCH EXISTING. SEE FINISH FLOOR PLANS FOR WALL BASE TYPE INDICATED WITH A WALL BASE TAG (AS B1, B2, B3, ETC.). SEE FINISH SCHEDULE ON SHEET A603A FOR MATERIAL, SIZE, COLOR, ETC. FOR EACH WALL BASE TAG.
- 09.18 STAINLESS STEEL WALL PROTECTION TO MATCH EXISTING. SEE FINISH FLOOR PLAN FOR WAINSCOT, CORNER GUARDS, ETC. INDICATED WITH A TAG AS WP1, WP2, ETC. SEE FINISH SCHEDULE FOR MATERIAL TYPE, SIZE, COLOR, ETC.
- 09.19 STAINLESS STEEL CORNER GUARD. 09.22 FIBER REINFORCED FRP PANELS ABOVE THE STAINLESS STEEL WAINSCOT UP TO CEILING TO MATCH ADJACENT EXISTING. CAULK AND SEAL ALL JOINTS. 10.03 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. 11.19 16" X 36" WIRE SHELVING RACK, OWNER FURNISHED AND INSTALLED. 22.01 NEW 3 BASIN 120" ADJUSTABLE HEIGHT REPROCESSING SINK FROM STERIS. OWNER FURNISHED AND OWNER'S VENDOR INSTALLED. PROVIDE REQUIRED CONNECTIONS IN COORDINATION WITH VENDOR STERIS AS OUTLINED IN THE PLUMBING AND ELECTRICAL DRAWINGS. CONTACT STERIS FOR MORE INFORMATION.
- 22.20 NEW 3 BASIN 106" ADJUSTABLE HEIGHT REPROCESSING SINK FROM STERIS. OWNER FURNISHED AND OWNER'S VENDOR INSTALLED. PROVIDE REQUIRED CONNECTIONS IN COORDINATION WITH VENDOR STERIS AS OUTLINED IN THE PLUMBING AND ELECTRICAL DRAWINGS. CONTACT STERIS FOR MORE INFORMATION.
- 22.21 EXISTING MEDICAL AIR OUTLET AT THIS LOCATION TO REMAIN. PROTECT DURING CONSTRUCTION. NEW STAINLESS STEEL WAINSCOT TO BE WORKED AROUND THIS. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.

### **GENERAL NOTES**

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





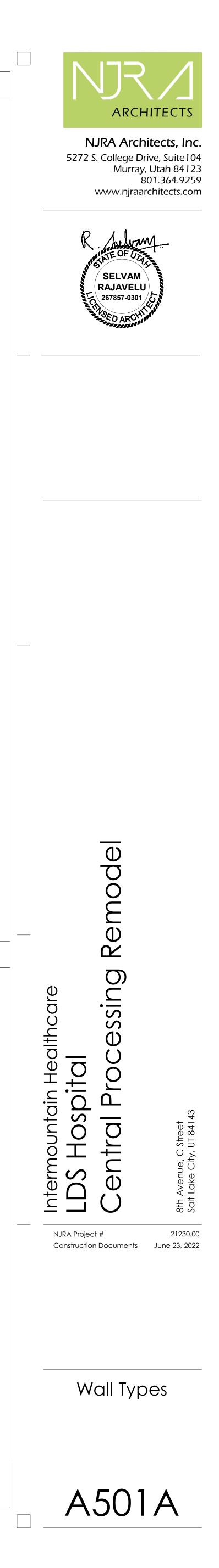
### **KEYED NOTE**

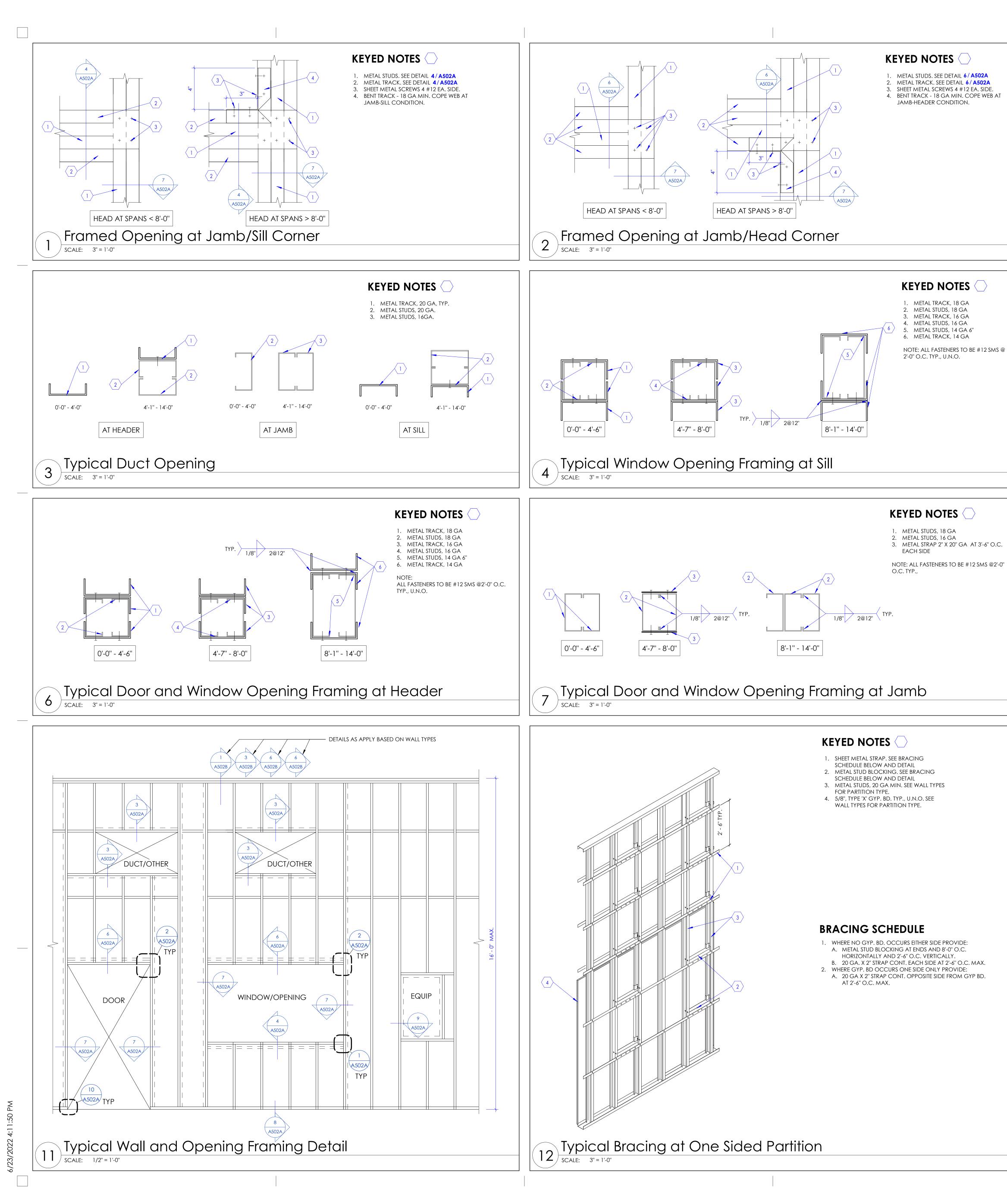
- 1. LINE OF FLOOR OR ROOF DECK AS OCCURS.
- 2. TO ACCOMMODATE FOR STRUCTURE DEFLECTION, PROVIDE SLIP CONNECTION BETWEEN TOP RUNNER TRACK AND METAL STUD FRAMING. SEE DETAIL 9 / A502B 3. STUD FRAMING AROUND DUCT OPENINGS. SEE DETAIL 11/A502A
- 4. METAL STUDS, 20 GA STRUCTURAL (33 MILS) AT 16" O.C, U.N.O. BASED ON WALL TYPES INDICATED IN FLOOR PLAN, PROVIDE STUD SIZE AS INDICATED IN WALL TYPES WITH TRACK RUNNERS AT TOP AND BOTTOM. FOR STUD FRAMING AROUND DOOR AND WINDOW OPENINGS, SEE DETAIL 11/A502A
- 5. LINE OF CEILING AS OCCURS. SEE REFLECTED CEILING PLAN. 6. STEEL STUDS. "C-H' SHAPED, 20 GA STRUCTURAL AT 24" O.C.
- 7. PROVIDE ACOUSTIC INSULATION BLANKET FOR FULL DEPTH OF THE STUD CAVITY THROUGHOUT, UNO. FOR 4" & 3 5/8" STUDS PROVIDE R-13 UNFACED BATT INSULATION AND FOR 6" STUDS PROVIDE R-19 UNFACED BATT INSULATION. PROVIDE KRAFT FACED INSULATION FOR ALL APPLICATIONS AT EXTERIOR WALLS. 8. GYPSUM BOARD, 5/8" THICK, TYPE 'X', U.N.O, ATTACHED TO METAL STUD
- FRAMING. SEE GENERAL NOTE 'B' BELOW. 9. ANCHOR BASE TRACK TO CONCRETE FLOOR BELOW. SEE DETAIL 8/A502A
- 10. FILL GAP BETWEEN DECK AND METAL TRACK TOP RUNNER WITH FIRESTOP SEALANT. SEAL TIGHTLY AROUND ALL PIPES, CONDUITS, DUCTS, ETC. ON EACH SIDE OF THE FIRE BARRIER WALL (CONTINUOUS) WITH APPROVED FIRESTOP SEALANT INSTALLED AROUND ALL PENETRATIONS TO MAINTAIN THE INTEGRITY OF THE FIRE BARRIER.
- 11. FILL GAP BETWEEN DECK AND METAL TRACK TOP RUNNER WITH ACOUSTIC SEALANT. SEAL TIGHTLY AROUND ALL PIPES, CONDUITS, DUCTS, ETC. ON EACH SIDE OF THE WALL (CONTINUOUS) AND AROUND ALL PENETRATIONS TO MAINTAIN THE INTEGRITY OF THE WALL.
- 12. STOP GYPSUM BOARD 1/4" ABOVE THE FLOOR TYP. ON EACH SIDE OF WALL. PROVIDE ACOUSTIC SEALANT AT SOUND WALLS AND FIRESTOP SEALANT AT RATED WALLS ON EACH SIDE OF THE WALL (CONTINUOUS).
- 13. OUTLET BOX AS OCCURS. PROVIDE FIRE BARRIER MOLDABLE PUTTY PADS AND FIRESTOP SEALANT AROUND ELECTRICAL BOXES AT ALL RATED WALLS AND SOUND BARRIER WALLS AND AT BACK TO BACK ELECTRICAL BOXES AT SMOKE PARTITION WALLS, TYP.
- 14. PROVIDE STRAPPING AND BLOCKING AT FURRING WALL. SEE DETAIL 12/A502A 15. LINE INDICATES EXISTING WALL OR STRUCTURE. PROVIDE 1/4" AIR GAP.
- 16. GYPSUM BOARD SHAFT LINER PANEL, 1" THICK, TYPE 'X', ATTACHED TO C-H STUDS. 17. STEEL RUNNER, 'J' SHAPED WITH UNEQUAL LEGS OF 1" AND 2", 20 GA, ATTACHED TO FLOOR AND STRUCTURE ABOVE WITH FASTENERS LOCATED NO GREATER THAN 2" FROM ENDS AND NO MORE THAN 24" O.C. RUNNERS SHOULD BE
- POSITIONED WITH SHORT LEG TO FINISHED SIDE OF WALL. 18. STOP STUD RUNNER AT BASE PLATES. 19. STEEL PLATE, 3/8" THICK WITH 4-1/2" DIA. HILTI-HY200 EPOXY ANCHORS WITH
- 2-3/8" HILTI-HIT -2 ANCHORS. EMBED INTO CONCRETE 2-3/8". 20. TUBE STEEL 3" x 3" x 3/16" AT 6'- 0" O.C.
- 21. WALL CAP. SOLID SURFACE MATERIAL ATTACHED TO WALL BELOW. 22 PLYWOOD, 3/4" THICK, CONTINUOUS FIRE TREATED. ATTACH PLYWOOD TO
- VERTICAL STEEL TUBE POST WITH 'L' SHAPED METAL CLIPS AND FASTENERS. 23. PROVIDE 1/4" RADIUS ROUNDED EDGE, CONTINUOUS.
- 24. METAL STUDS 16 GA STRUCTURAL (35 MIL) AT 16" O.C. PROVIDE RUNNERS AT TOP AND BOTTOM. ATTACH TOP RUNNER TO PLYWOOD AND VERTICAL STEEL POST. 25. LINE OF FLOOR.
- 26. RESILIENT CHANNEL, 2" X 1/2", INSTALLED HORIZONTALLY AND SPACED AT 24" 27 WHERE CONDITIONS PROHIBIT EXTENDING STUDS TO DECK, PROVIDE CROSS
- BRACING FROM TOP RUNNER OF WALL TO STRUCTURE ABOVE WITH 3-5/8" 20 GA STUDS AT 4' - 0" O.C. ALTERNATE DIRECTION OF BRACING TO STRUCTURE EVERY 48" AS CONDITIONS ALLOW. 28 TOP TRACK. 18 GA. REQUIRED AT CROSS-BRACED WALLS.

### **GENERAL NOTES**

AND 13/A502A

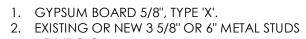
- A. CONTRACTOR SHALL VERIFY ITEMS LIKE SEMI OR FULLY RECESSED MISCELLANEOUS BOXES, PANELS, PLUMBING LINES, CONDUITS, PIPES, ETC. THAT ARE CONCEALED IN THE WALL. IF 3-5/8" METAL STUDS ARE INADEQUATE, CONTRACTOR SHALL NOTIFY THE ARCHITECT AND USE 6" STUDS. COORDINATE WITH ALL THE CONSULTANT DRAWINGS PRIOR TO WALL CONSTRUCTION AND USE 6" OR 8", 20 GAUGE METAL STUDS FOR FRAMING IN LIEU OF 3-5/8" METAL STUDS.
- USE 5/8" CEMENTITIOUS BOARD IF CERAMIC OR PORCELAIN WALL TILES ARE INDICATED IN THE FINISH SCHEDULE AS WALL FINISH. CEMENTITIOUS BOARD SHALL EXTEND FROM FINISHED FLOOR TO HEIGHT OF TILE. 5/8" WATER RESISTANT GYPSUM BOARD TO BE USED ABOVE TILE HEIGHT IN RESTROOMS. SEE FLOOR PLANS FOR CERTAIN UNIQUE LOCATIONS THAT REQUIRE LEAD LINED GYPSUM BOARD, IMPACT RESISTANT GYPSUM BOARD, SOUND ATTENUATION GYPSUM BOARD, ETC.
- PROVIDE CONTROL JOINT AS PER DETAIL 14/A502A WHEN LENGTH OF GYPSUM BOARD EXCEEDS 50' IN ONE DIRECTION OR AS DIRECTED BY ARCHITECT. COORDINATE WITH ARCHITECT FOR CONTROL JOINT LOCATIONS. WHEN GYPSUM BOARD OR CEMENTITIOUS BOARD IS ATTACHED VERTICALLY, USE 1" LONG #6 DRYWALL SCREWS TO EACH STUD. SCREWS ARE 8" O.C. AT PERIMETER AND 12" A INTERMEDIATE STUD. WHEN GYPSUM BOARD IS ATTACHED HORIZONTALLY TO STUDS, HORIZONTAL JOINTS SHALL BE STAGGERED WITH THOSE ON THE OPPOSITE SIDE. SCREWS FOR HORIZONTAL APPLICATION SHALL BE 8" O.C. AT VERTICAL EDGES AND 12" O.C. AT INTERMEDIATE STUDS.
- D. FOR LOCATION OF FIRE RATED WALLS AND SMOKE PARTITION WALLS SEE CODE COMPLIANCE PLAN. E. SEE DIMENSION FLOOR PLANS FOR WALL TYPES USED IN THIS PROJECT. SOME WALL
- TYPES MAY NOT BE USED IN THIS PROJECT. WHERE LEAD LINED WALLS ARE INDICATED ON THE DRAWINGS, USE 16 GA STUDS IN LIEU OF THE GAUGE OF STUDS CALLED OUT IN THE WALL TYPES.
- IN PLACES WHERE MECHANICAL DUCTS ARE DESIGNED TO PENETRATE THE FLOOR, TO MEET THE REQUIREMENTS OF FIRE RATING, PROVIDE A TWO-HOUR FIRE RATED ENCLOSURE AT TOP AND BOTTOM OF SHAFT AS INDICATED IN DETAILS 5/A502B AND 8/A502B
- H. IN PLACES WHERE A TWO-HOUR HORIZONTAL ENCLOSURE IS REQUIRED TO SEPARATE THE DUCTS FROM THE SPACE BELOW, PROVIDE A TWO-HOUR FIRE RATED HORIZONTAL ASSEMBLY AS PER DETAILS 5/A502B AND 8/A502B IN PLACES WHERE BACKING IS REQUIRED IN WALLS TO SUPPORT WALL HUNG EQUIPMENT, CABINETS, ETC. PROVIDE BACKING IN WALL PER DETAILS 5/A502A







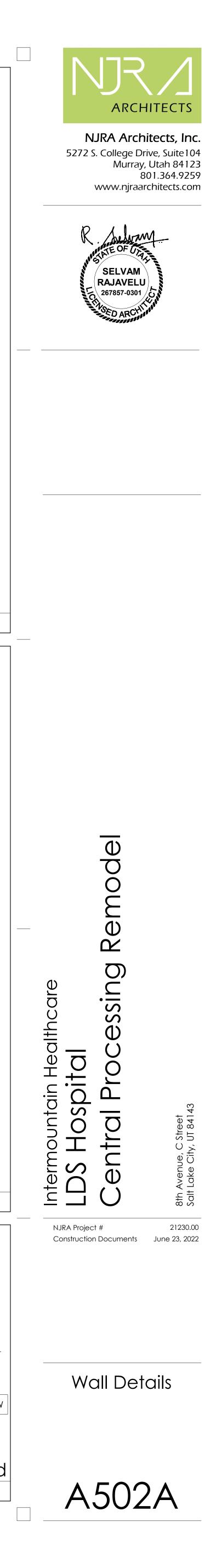


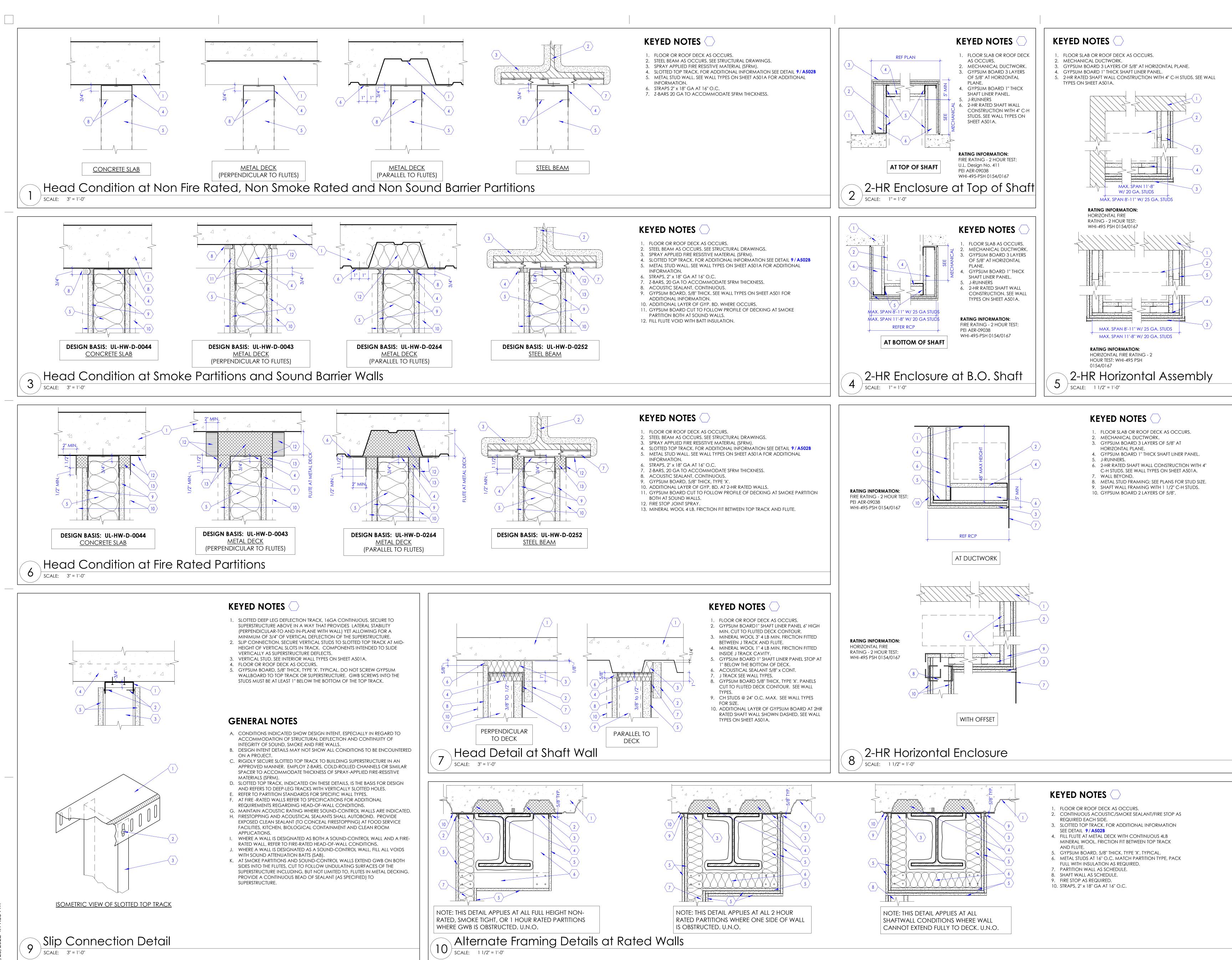


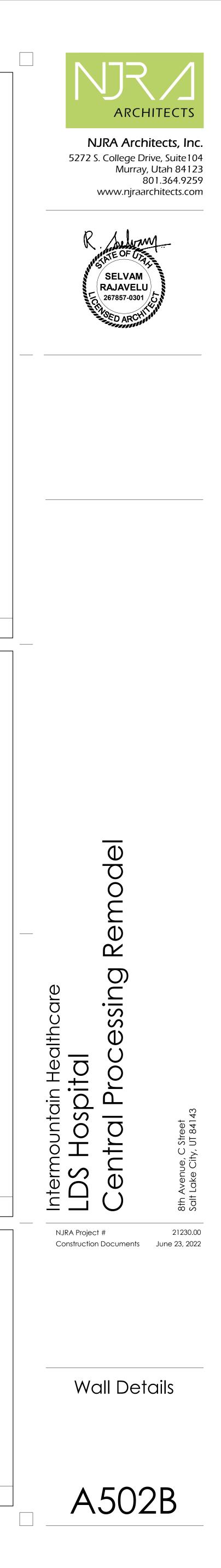
- AT 16'' O.C. 3. METAL STUD BLOCKING 6" X 16" GA. EXTEND BLOCKING TO NEXT STUD BEYOND
- EQUIPMENT -TYPICAL BOTH SIDES. 4. SHEET METAL BACKING 6" X 16" GA. EXTEND
- BLOCKING TO NEXT STUD BEYOND EQUIPMENT - TYPICAL BOTH SIDES. 5. SHEET METAL SCREW 3 #10 AT EACH STUD
- 6. WHERE WALL TYPE INCLUDES RESILIENT CHANNELS, USE ADDITIONAL CHANNELS AS FURRING FOR BACKING AS REQUIRED.

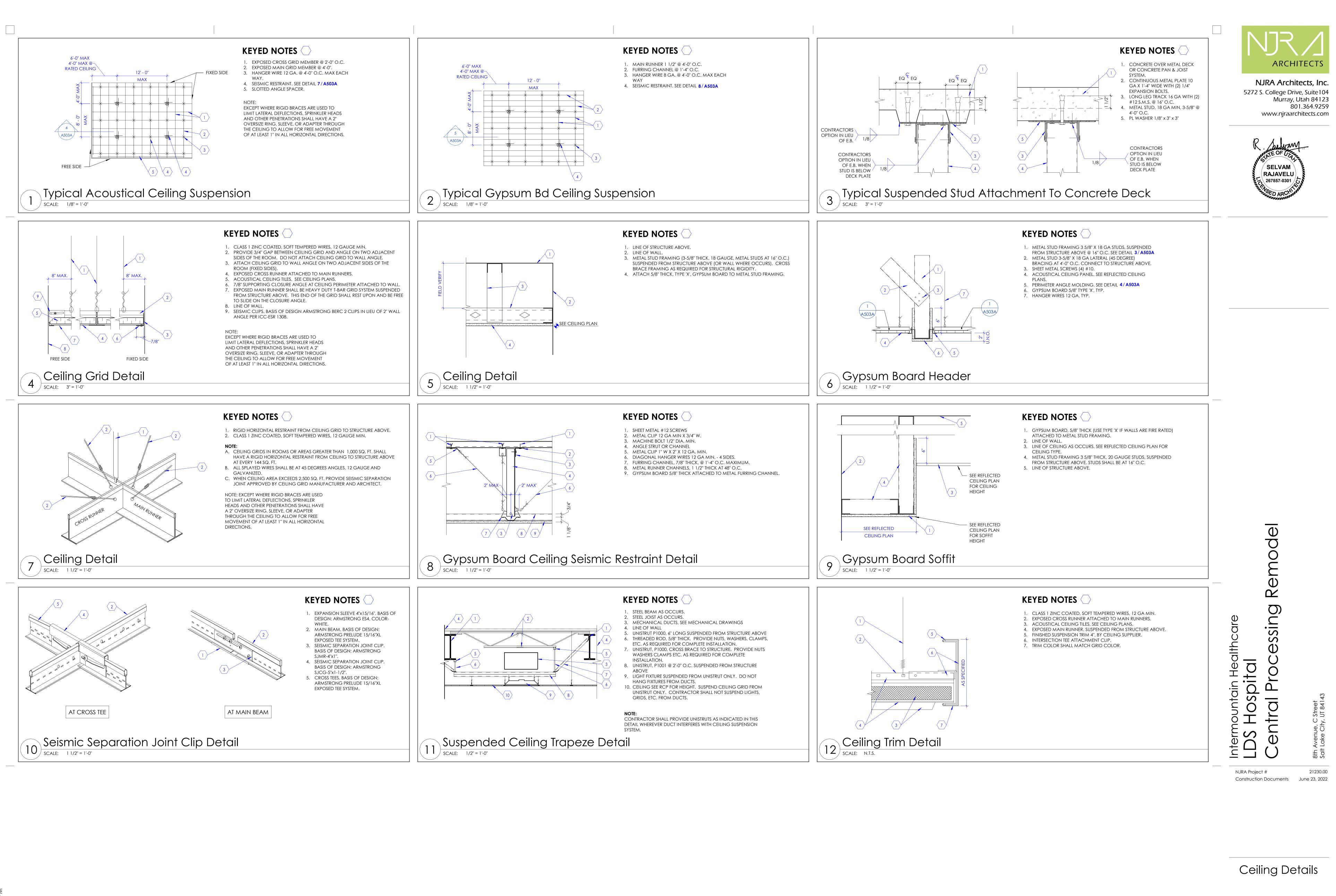
### **GENERAL NOTES**

1. EXTEND BACKING PLATE TO NEXT STUD BEYOND SIDE OF FIXTURE OR <u>TYPE '1'</u> ACCESSORIES - BOTH SIDES. BACKING 2. PROVIDE METAL SLEEVES THROUGH WALL FINISH AT FIXTURE AND EQUIPMENT FASTENING. 3. FOR MECHANICAL WORK ANCHORAGE SEE MECHANICAL DRAWINGS. <u>TYPE '2'</u> BACKING Backing Plate Schedule 5 SCALE: 3" = 1'-0" **KEYED NOTES** KEYED NOTES METAL STUDS. SEE WALL TYPES.
 POWDER DRIVEN PINS .014" METAL STUDS. SEE WALL TYPES.
 POWDER DRIVEN PINS .014" DIA. WITH DIA. WITH 1-1/4" MIN. EMBED 1-1/4" MIN. EMBED AT 2'-0" O.C. AND AT 2" FROM THE ENDS. AT 2" FROM THE ENDS. METAL TRACK - 18 GA MIN.
 SHEET METAL SCREWS #12 EA. SIDE. 3. METAL TRACK - 18 GA MIN. 4. SHEET METAL SCREWS #12 EA. 5. BENT TRACK - 18 GA MIN. SIDE. Base Track Detail \_ 8 ) SCALE: 3" = 1'-0" BASE AT SPANS > 8'-0" **KEYED NOTES** 1. HANDRAIL OR CORNER guard as occurs. 2. SEE WALL TYPES FOR PARTITION TYPE. GYPSUM BOARD, 5/8" TYPE 'X', CONTINUOUS ON ALL SIDES BEHIND EQUIPMENT. 4. CLIP ANGLE 2" X 2" X 20" GA MIN. CONT. 5. RECESSED EQUIPMENT AS OCCURS. PLAN VIEW, 2" Section SHALL BE BASE AT SPANS < 8'-0" SIMILAR Detail at Recessed Equip. Framed Opening at Jamb 10) Framed SCALE: 3" = 1'-0" 9 SCALE: 3" = 1'-0" **KEYED NOTES** KEYED NOTES 1. GYPSUM BOARD, ATTACHED TO METAL STUD FRAMING. SEE WALL TYPES AND WALL SECTIONS FOR GYPSUM BOARD TYPE. METAL STUDS, 3 5/8" THICK. 16 GA AS SHOWN. 2. EXPANSION JOINT ("E-Z STRIP, V-SHAPED VINYL EXPANSION JOINT BY NATIONAL 8" WIDE X (HEIGHT OF WALL BRACKET + 6") HIGH X 16 GYPSUM COMPANY OR EQUIVALENT) ATTACHED TO GYPSUM BOARD. GA BACKING PLATE. ANCHOR TO 16 GA STUDS. . METAL STUDS. SEE WALL TYPES AND WALL SECTIONS FOR STUD SIZE, THICKNESS, SHEET METAL SCREWS #10 THROUGHOUT 9/64" GAUGE, SPACING, ETC. DIAMETER HOLES AT 18" O.C. 4. TWO LAYERS OF TYPE 'X' GYPSUM BOARD, 5/8" THICK, ATTACHED TO STUDS WITH GYPSUM BOARD, 5/8" THICK, TYPE 'X', TYPICAL U.N.C DRYWALL SCREWS, 1-5/8" @ 24" O.C. USE NON FIRE RATED GYPSUM BOARD IF ERGOTRON LX WALL MOUNT BRACKET, TV BRACKET, PHYSIOLOGICAL MONITOR, ETC O.F.C.I. WALLS OR CEILING ARE NOT FIRE RATED. NOTE: PROVIDE JOINT AT EVERY 50'-0" OF WALL THAT RUNS IN THE SAME DIRECTION. PRIOR TO INSTALLATION OF JOINTS, GET APPROVAL FROM ARCHITECT FOR CONTROL JOINT LOCATIONS IN WALL. PLAN VIEW \_\_\_\_\_\_5 1/2"~ 14 Control Joint - Gypsum Board Plan Detail at Bracket 13) FIGHT DE SCALE: 3" = 1'-0"

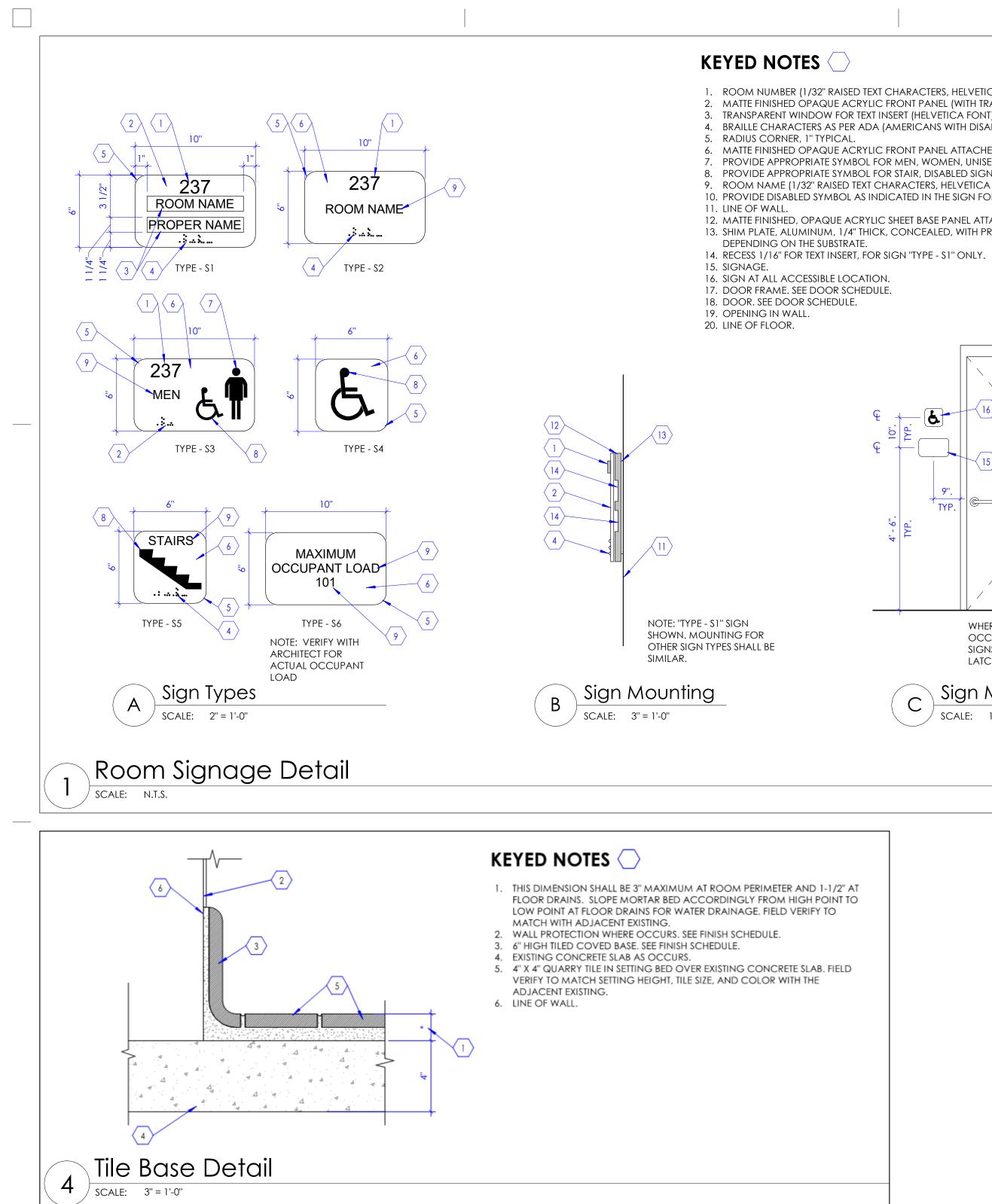








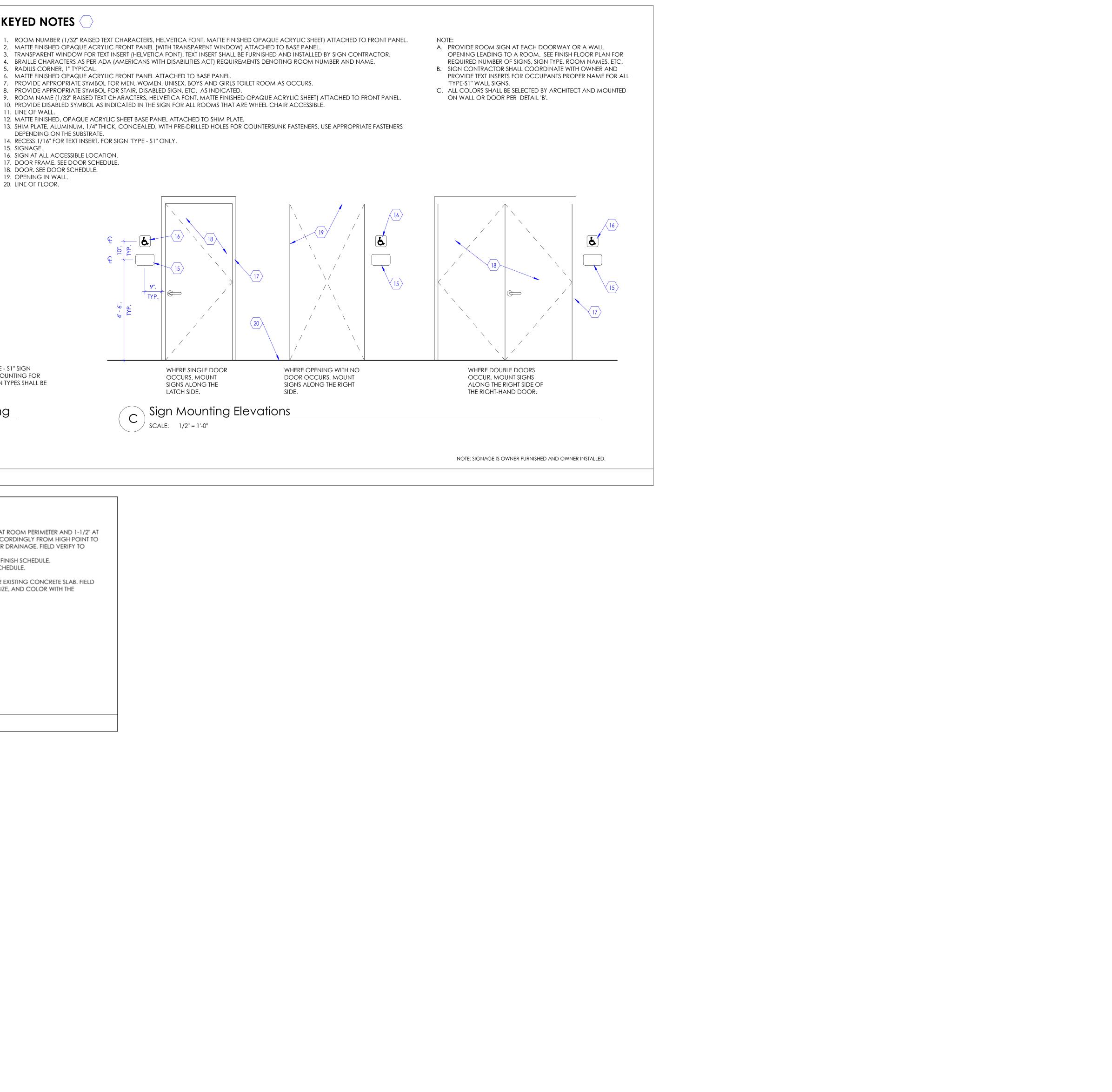




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- 4. BRAILLE CHARACTERS AS PER ADA (AMERICANS WITH DISABILITIES ACT) REQUIREMENTS DENOTING ROOM NUMBER AND NAME. 6. MATTE FINISHED OPAQUE ACRYLIC FRONT PANEL ATTACHED TO BASE PANEL. 7. PROVIDE APPROPRIATE SYMBOL FOR MEN, WOMEN, UNISEX, BOYS AND GIRLS TOILET ROOM AS OCCURS.
- 8. PROVIDE APPROPRIATE SYMBOL FOR STAIR, DISABLED SIGN, ETC. AS INDICATED. 9. ROOM NAME (1/32" RAISED TEXT CHARACTERS, HELVETICA FONT, MATTE FINISHED OPAQUE ACRYLIC SHEET) ATTACHED TO FRONT PANEL. 10. PROVIDE DISABLED SYMBOL AS INDICATED IN THE SIGN FOR ALL ROOMS THAT ARE WHEEL CHAIR ACCESSIBLE.
- MATTE FINISHED, OPAQUE ACRYLIC SHEET BASE PANEL ATTACHED TO SHIM PLATE.
   SHIM PLATE, ALUMINUM, 1/4" THICK, CONCEALED, WITH PRE-DRILLED HOLES FOR COUNTERSUNK FASTENERS. USE APPROPRIATE FASTENERS



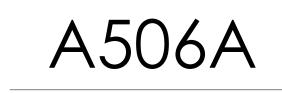


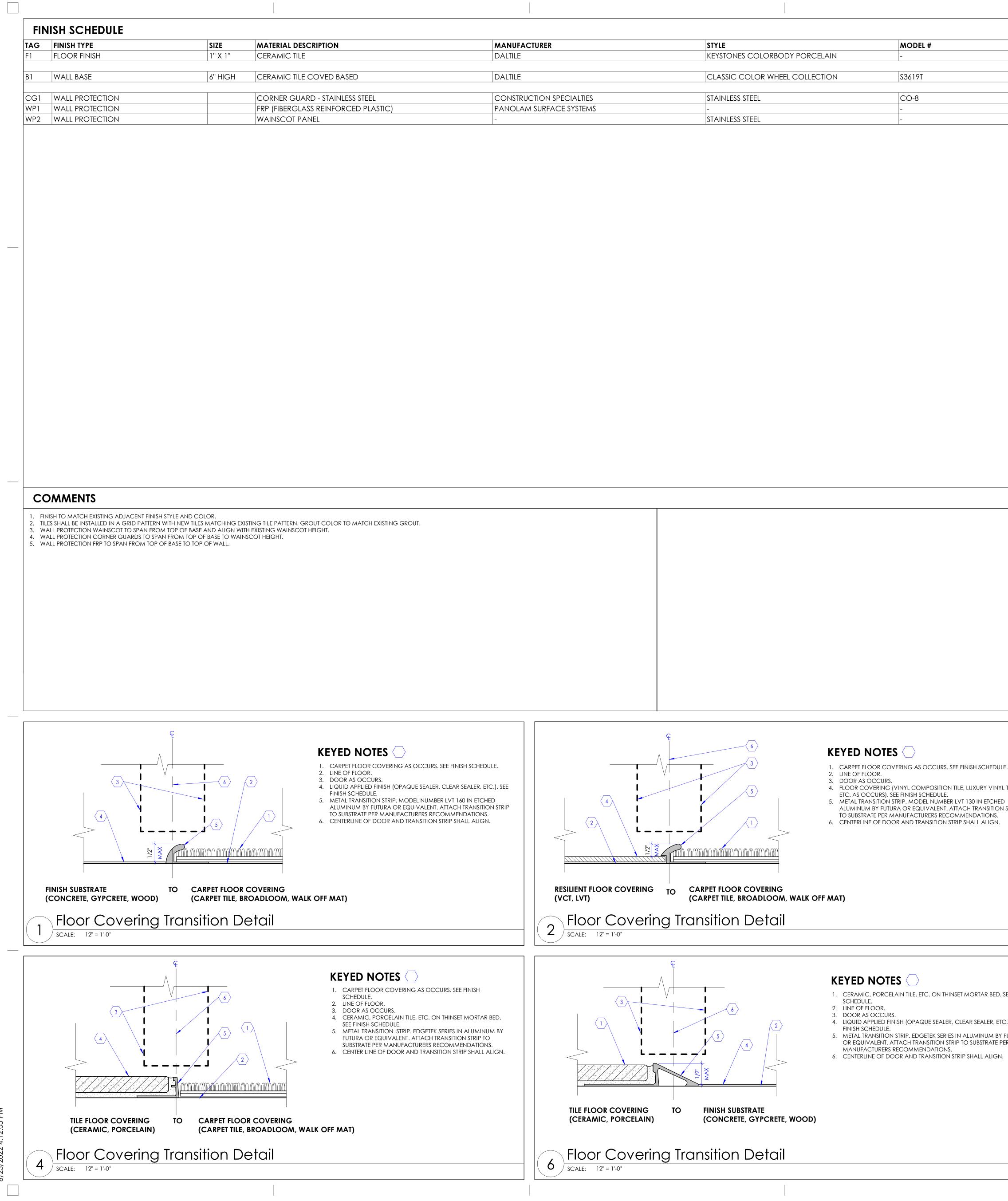
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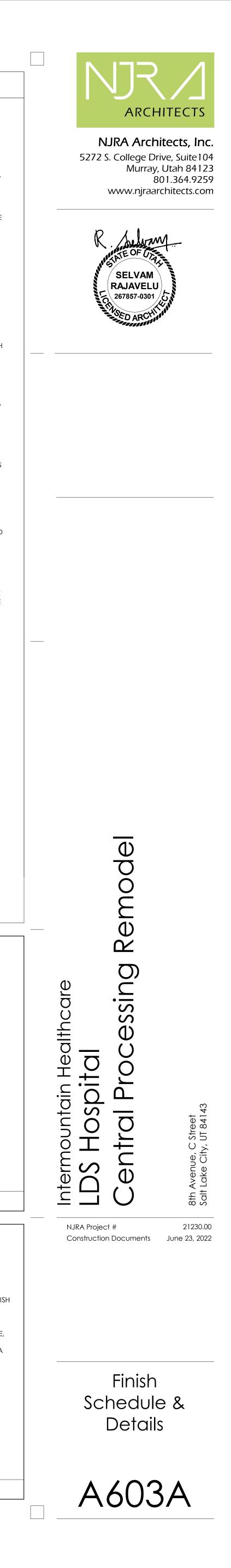
Details





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			GE	NERAL NOTES
	COLOR URBAN PUTTY SPECKLE D201	<b>COMMENTS</b> 1, 2	AR CC	SIS-OF-DESIGN FOR FINISHES: FINISHES INDICATED ON THE FINISH SCHEDULE TE BASED ON THE NAMED MANUFACTURER AND THEIR PRODUCTS. SUBJECT TO OMPLIANCE WITH REQUIREMENTS, PROVIDE THE NAMED PRODUCT OR A
	ALMOND 0135	1	B. SEE	DMPARABLE PRODUCT BY ONE OF THE APPROVED MANUFACTURERS LISTED IN E PROJECT MANUAL. SEE RELEVANT SPECIFICATION SECTION. E "SAMPLE LAYOUTS" INDICATED ON FINISH PLANS FOR CLARIFICATION ON DW DIFFERENT TYPES OF REQUIRED FINISHES ARE INDICATED WITH FINISH TAGS
	STAINLESS STEEL WHITE FRP STAINLESS STEEL	1, 4 1, 5 1, 3	- FO C. LIN	R FLOORS, WALLS, MISCELLANEOUS SURFACE, ETC. SEE FINISH FLOOR PLANS R REQUIRED FINISHES (INDICATED WITH FINISH TAGS SUCH AS F1, B1, W1, ETC.). IE OF TRANSITION BETWEEN DIFFERENT TYPES OF FLOOR COVERING IS DICATED ON THE FINISH FLOOR PLANS. IN PLACES WHERE TWO DIFFERENT
	STAINLESS STEEL	1, 3		DOR COVERING ABUTS EACH OTHER, CONTRACTOR SHALL FOLLOW THE LEVANT APPLICABLE "FLOOR COVERING TRANSITION DETAILS" INDICATED IN S CONSTRUCTION DOCUMENTS. WHERE TWO ROOMS ARE REQUIRED TO HAVE FERENT FLOOR COVERINGS, LINE OF TRANSITION SHALL TYPICALLY OCCUR
			BEI THI FLC	LOW THE CENTER OF THE DOOR (LOCATED BETWEEN THE TWO ROOMS). AS ESE TRANSITION LINES ARE NOT INDICATED BELOW THE DOOR ON THE FINISH DOR PLANS, CONTRACTOR SHALL PROVIDE METAL TRANSITION STRIP ANUFACTURED BY SCHLUTER OR EQUIVALENT) AS REQUIRED. AT EXTERIOR
			DC RE/ FLC	DORS, PROVIDE ALUMINUM THRESHOLD MATCHING THE DOORWAY. FOR MODEL PROJECTS, COORDINATE WITH DEMOLITION FLOOR PLAN AND NEW DOR PLAN TO DETERMINE WHERE NEW ABUTS EXISTING FLOOR COVERING AT IS SCHEDULED TO REMAIN.
			D. LIN THE PR CC	IE OF TRANSITION BETWEEN DIFFERENT TYPES OF WALL FINISH IS INDICATED ON E INTERIOR ELEVATIONS AND FINISH FLOOR PLANS. FOR REQUIRED WALL OTECTION TYPE (INDICATED WITH TAG WP1, WP2, ETC.), ON WALLS, DORDINATE WITH FINISH FLOOR PLANS AND INTERIOR ELEVATIONS. ERE ARE MISCELLANEOUS SURFACES THAT ARE EXPOSED AND WILL REQUIRE A
			FIN F. PA	IISH. SUCH MISCELLANEOUS SURFACES ARE INDICATED IN THE DRAWINGS WITH IISH TAGS SUCH AS MS1, MS2, ETC. INT ALL EXPOSED VISIBLE ITEMS SUCH AS METAL DECK, STEEL ANGLES, STEEL AMS, STEEL TRUSSES, MISC. STEEL ITEMS, PIPES, CONDUITS, ETC. UNLESS
			IS F SPI ME SUI ETC PR	ECIFICALLY NOTED AS A SURFACE NOT TO BE PAINTED, OR IF NATURAL FINISH REQUIRED. PAINT SURFACES USING FIELD COLORS AND ACCENT COLORS ECIFIED BY THE ARCHITECT. DO NOT PAINT CONCEALED SURFACES, FINISHED ETAL SURFACES, OPERATING PARTS, AND PRE-FINISHED ITEMS. VERIFY PAINTING RFACE (SUCH AS STEEL, CONCRETE, MASONRY, GYPSUM BOARD, WOOD, C.) AND USE THE APPROPRIATE PAINT AND METHOD INDICATED IN THE OJECT MANUAL UNDER RELEVANT SPECIFICATION SECTION. ALL HOLLOW ETAL DOOR AND WINDOW FRAMES SHALL BE PAINTED. USE SEMI-GLOSS FINISH
			G. IN CE	N DOOR FRAMES. ROOMS AND AREAS WHERE GYPSUM BOARD CEILING IS INDICATED, PAINT EILING WITH THE SAME COLOR AND TYPE AS ADJACENT WALLS. IN WET ROOMS KE RESTROOM, KITCHEN, ETC.) WHERE EPOXY PAINT IS INDICATED AS A
			REG ALI LO	QUIREMENT ON WALLS, PAINT CEILINGS AND SOFFITS WITH EPOXY TYPE PAINT. L GYPSUM BOARD SOFFITS SHALL BE PAINTED. COORDINATE ACCENT COLOR CATIONS WITH ARCHITECT WHEREVER INDICATED.
			CC PL2 SUI	E INTERIOR ELEVATIONS FOR PLASTIC LAMINATE FINISHES OVER CABINETS, DUNTERTOPS, WALLS, ETC. PLASTIC LAMINATE FINISHES ARE INDICATED AS PL1, 2, ETC. COUNTERTOPS THAT ARE MONOLITHIC MATERIAL (SUCH AS SOLID RFACE, QUARTZ, ETC. AND NOT PLASTIC LAMINATE WRAPPED), ARE INDICATED
			I. WH	MM1, MM2, ETC. HERE PORCELAIN AND/OR CERAMIC TILE FINISHES ARE INDICATED, PROVIDE ETAL EDGE STRIPS (MANUFACTURED BY SCHLUTER OR EQUIVALENT) AT ALL JTSIDE VERTICAL CORNERS AND TOP OF WAINSCOT.
				ROOMS AND AREAS (SUCH AS TOILET ROOMS, SHOWERS, ETC.) WHERE RAMIC OR PORCELAIN TILES ARE INDICATED FOR WALL AND FLOOR FINISH, STALL BOTTOM ROW OF WALL TILE FIRST PER DETAIL 1/A603B. PROVIDE QUARTZ RESHOLD AT DOORS TO TOILET ROOMS THAT ARE USED BY MULTIPLE USERS. SEE
			K. WH	TAILS 3 & 4 SHEET A603B. HERE GYPSUM BOARD WALL ABUTS MASONRY WALL, PROVIDE REVEAL AS PER TAIL 2/A603B.
			_	
			-	
		କ୍ ା		
LE.				<ol> <li>FLOOR COVERING (VINYL COMPOSITION TILE, LUXURY VINYL TILE, ETC. AS OCCURS). SEE FINISH SCHEDULE.</li> </ol>
L TILE,	3	6		<ol> <li>LINE OF FLOOR.</li> <li>DOOR AS OCCURS.</li> <li>LIQUID APPLIED FINISH (OPAQUE SEALER, CLEAR SEALER, ETC.). SEE FINISH SCHEDULE.</li> </ol>
d N STRIP				<ol> <li>METAL TRANSITION STRIP. MODEL NUMBER LVT 405 IN ETCHED ALUMINUM BY FUTURA OR EQUIVALENT. ATTACH TRANSITION STRIP TO SUBSTRATE PER MANUFACTURERS RECOMMENDATIONS.</li> <li>CENTERLINE OF DOOR AND TRANSITION STRIP SHALL ALIGN.</li> </ol>
	RESILIENT FLOOR COVERING TO (VCT, LVT)	O FINISH SUBSTRATE (CONCRETE, GYPCI	RETE, WOOI	D)
	Floor Covering Tre	ansition Detc	ail	
	SCALE: 12" = 1'-0"			
		£		
. SEE FINISH				
TC.). SEE		6		<ol> <li>CERAMIC, PORCELAIN TILE, ETC. ON THINSET MORTAR BED. SEE FINISH SCHEDULE.</li> <li>LINE OF FLOOR.</li> <li>DOOD AS OCCUPS</li> </ol>
PER				<ol> <li>DOOR AS OCCURS.</li> <li>RESILIENT FLOORING (VINYL COMPOSITION TILE, LUXURY VINYL TILE, AS OCCURS). SEE FINISH SCHEDULE.</li> <li>METAL TRANSITION STRIP. EDGETEK SERIES IN ALUMINUM BY FUTURA</li> </ol>
				OR EQUIVALENT. ATTACH TRANSITION STRIP TO SUBSTRATE PER MANUFACTURERS RECOMMENDATIONS. 6. CENTERLINE OF DOOR AND TRANSITION STRIP SHALL ALIGN.
	TILE FLOOR COVERING (CERAMIC, PORCELAIN)	TO RESILIENT FLOOR (VCT, LVT)	RCOVERING	G
	5 Floor Covering Tre	ansition Detc	lii	



### <u>PIPING</u>

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RPBP
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<b>▶</b>
OR

SHUT OFF VALVE
BALL VALVE
CHECK VALVE
LATERAL STRAINER WITH BLOW-OFF VALVE, PROVIDE HOSE END WITH CAP WHERE DISCHARGE IS NOT PIPED TO DRAIN REDUCED PRESSURE BACKFLOW PREVENTOR W/ DRAIN PAN
BRANCH - BOTTOM CONNECTION
BRANCH - TOP CONNECTION
BRANCH - SIDE CONNECTION
RISE OR DROP
RISER - DOWN (ELBOW)
RISER - UP (ELBOW)
PIPE CAP
ARROW INDICATES DIRECTION OF FLOW IN PIPE 90° ELBOW

45° ELBOW

### <u>PLUMBING</u>

	THERMOSTATI
3X	HOSE BIBB
	FLOOR SINK
⊜	FLOOR DRAIN
<sub>\$</sub> FCO COTG	FLOOR CLEAN OR CLEAN-OU GRADE
P	WATER HAMM
	CLEAN-OUT
(NAME) ↔	FIXTURE FROM
	DEMOLITION

### MEDICAL GAS GENERAL NOTES

1. MEDICAL GAS PIPING IS TO BE RUN ABOVE THE CEILING, UNLESS NOTED OTHERWISE. COORDINATE PIPING ROUTING WITH ALL OTHER POSSIBLE CONFLICTS SUCH AS DUCTWORK, DIFFUSERS, OTHER PIPING, LIGHTS, CONDUIT, STRUCTURE, ETC.

2. ALL PIPE AND DUCT SIZES SHALL REMAIN THE SAME SIZE SHOWN, IN THE DIRECTION OF FLOW, UNTIL SHOWN OTHERWISE.

3. SLEEVE PIPING THRU WALLS/FOUNDATIONS WHERE REQUIRED. 4. MEDICAL GAS PIPING IS SCHEMATIC IN NATURE. FIELD VERIFY EXACT PIPE ROUTING AND COORDINATE WITH ALL OTHER TRADES.

5. NO PIPING TO RUN OVER ELECTRICAL PANELS, VFD'S OR MCC'S. PROTECT EQUIPMENT WITH A 42" DEEP ZONE IN FRONT OF PANELS, VFD'S, AND MCC'S.

6. MOUNT ALL SERVICE VALVES NEAR CEILING HEIGHT FOR ACCESSIBILITY.

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### **LEGEND OF MECHANICAL SYMBOLS AND ABBREVIATIONS**

TIC MIXING VALVE		
N		
N-OUT UT TO		
MER ARRESTOR		
OM LEVEL ABOVE		

	IANICAL STWIDULS AND	
INETYPES	<u>}</u>	<u>EQ</u>
CA	COMPRESSED AIR	
	DOMESTIC COLD WATER (DCW)	-
	DOMESTIC HOT WATER (DHW)	_
	DOMESTIC HOT WATER RETURN (DHWR)	_
DI	DEIONIZED WATER SUPPLY	
DIR	DEIONIZED WATER RETURN	
E(NAME)	EXISTING PIPING	
─ <del>×</del> (NAME) <del>· ×</del>	EXISTING PIPING TO BE REMOVED	
IA	INSTRUMENT AIR	
MA	MEDICAL AIR	
MV	MEDICAL VACUUM	
N	NITROGEN	
	SEWER (BELOW GRADE)	
	SEWER (ABOVE GRADE)	
V	VACUUM	-
	VENT (SEWER)	

### QUIPMENT UNIT HEATER

 INLINE PUMP
INLINE PUMP
 FAN

<u>FIRE</u>	
₹	HOSE VALVE
资	NRS GATE VALVE WITH SUPERVISION
<u>삼</u>	FLOW SWITCH
	FIRE RISER
$\odot$	SPRINKLER HEAD
F	FIRE SPRINKLER WATER

### PLUMBING GENERAL NOTES

UNLESS OTHERWISE NOTED, SLOPE PIPE AS FOLLOWS: WASTE BRANCHES: 1/4" PER FOOT; WASTE MAINS: 1/4" PER FOOT; ROOF DRAIN/ROOF DRAIN OVERFLOW: 1/8" PER FOOT.

2. ALL WORK DONE SHALL BE PERFORMED WITH WATER CONTROL IN MIND. CONTAINMENT OF WATER IS NECESSARY TO PREVENT WATER FROM DAMAGING AREAS ON FLOORS BELOW.

3. PLUMBING DRAWINGS ARE SCHEMATIC IN NATURE. FIELD VERIFY EXACT PIPE ROUTING AND COORDINATE WITH ALL OTHER TRADES.

4. NO PIPING TO RUN OVER ELECTRICAL PANELS, VFD'S OR MCC'S. PROTECT EQUIPMENT WITH A 42" DEEP ZONE IN FRONT OF PANELS, VFD'S, AND MCC'S.

CONTRACTOR TO PROVIDE VALVE IDENTIFICATION AND LOCATION ON ALL CEILING TILES WHERE VALVES ARE LOCATED.

6. PIPING AND ROUTING SHOWN, INCLUDING ALL BELOW FLOOR DECK PIPING, IS APPROXIMATE. IT IS UP TO THE CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION AND SIZE OF ALL PIPING.

7. REFER TO ARCHITECTURAL DRAWINGS FOR FIXTURE MOUNTING HEIGHTS, DIMENSIONS, AND OTHER REQUIREMENTS. 8. INSTALL ALL DOMESTIC WATER LINES BELOW DUCTWORK.

9. MOUNT ALL ISOLATION VALVES, CONTROL VALVES, BALANCING VALVES, ETC. NEAR CEILING HEIGHT FOR ACCESSIBILITY.

10. COORDINATE ALL FLOOR PENETRATIONS WITH STRUCTURAL AND PROVIDE SLEEVES AS NECESSARY.

11. COORDINATE EXACT LOCATION OF PLUMBING WITH STRUCTURAL MEMBERS, LIGHTS, REFLECTED CEILING, CABLE TRAY, DUCTWORK, MECHANICAL PIPING, MEDICAL GASES, FIRE PROTECTION AND OTHER TRADES, TYPICAL.

12. COORDINATE THE LOCATION OF THE FLOOR DRAIN, SHOWER DRAIN, OR FLOOR SINK WITH ARCHITECTURAL AND STRUCTURAL, TYPICAL. 13. SEE PLUMBING FIXTURE SCHEDULE FOR PIPE SIZES OF WASTE, VENT AND DOMESTIC WATER TO/FROM SINGLE FIXTURE.

14. LOCATE CIRCUIT SETTERS, VALVES, WATER HAMMER ARRESTORS, ETC. IN ACCESSIBLE LOCATIONS. PROVIDE 24"X24" ACCESS PANEL WHERE ITEM IS LOCATED ABOVE A HARD CEILING.

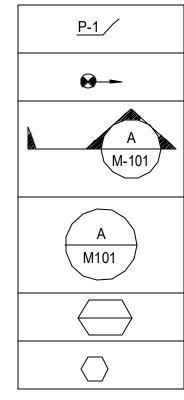
15. ALL PIPE AND DUCT SIZES SHALL REMAIN THE SAME SIZE SHOWN, IN THE DIRECTION OF FLOW, UNTIL SHOWN OTHERWISE. 16. INSTALL CLEANOUTS IN DRAIN PIPING AS INDICATED, AND WHERE NOT

a) SIZE SAME AS DRAINAGE PIPING UP TO 4" NPS. USE 4" NPS FOR LARGER. DRAINAGE PIPING UNLESS LARGER CLEANOUT IS INDICATED.

INDICATED, ACCORDING TO THE FOLLOWING.

b) LOCATE AT MINIMUM INTERVALS OF 50 FT FOR PIPING 4" NPS AND SMALLER AND 100 FT FOR LARGER PIPING. c) LOCATE AT THE BASE OF EACH VERTICAL STACK.

### ANNOTATIONS



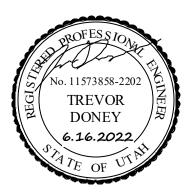
PLUMBING FIXTURES POINT OF CONNECTION SECTION TAG - TOP FIGURE IS SECTION NO. BOTTOM FIGURE IS SHEET NO.

DETAIL TAG - TOP FIGURE IS DETAIL NO. BOTTOM FIGURE IS SHEET NO.

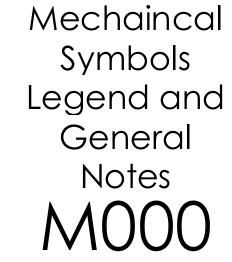
EQUIPMENT IDENTIFICATION

KEYED NOTE IDENTIFICATION

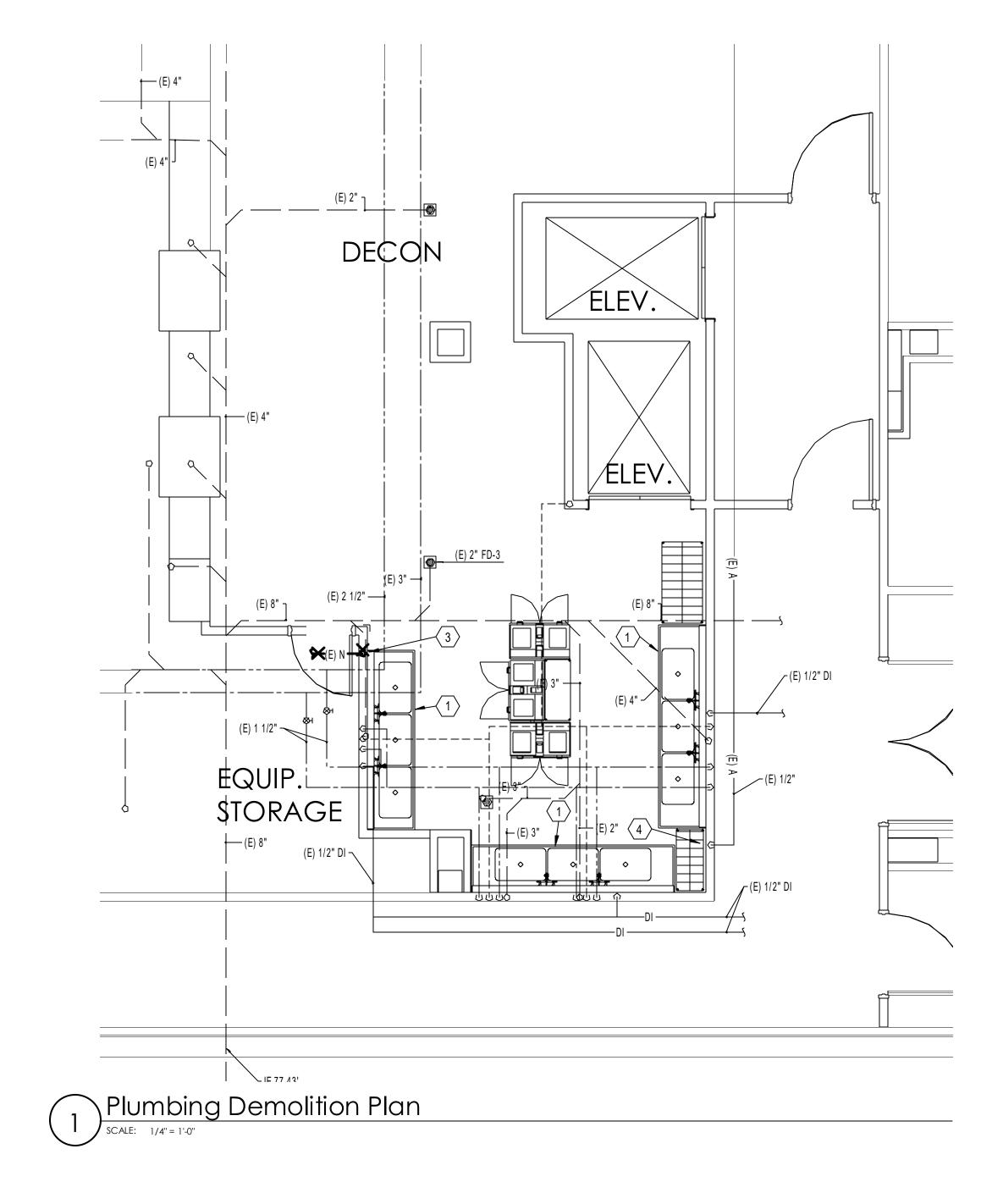


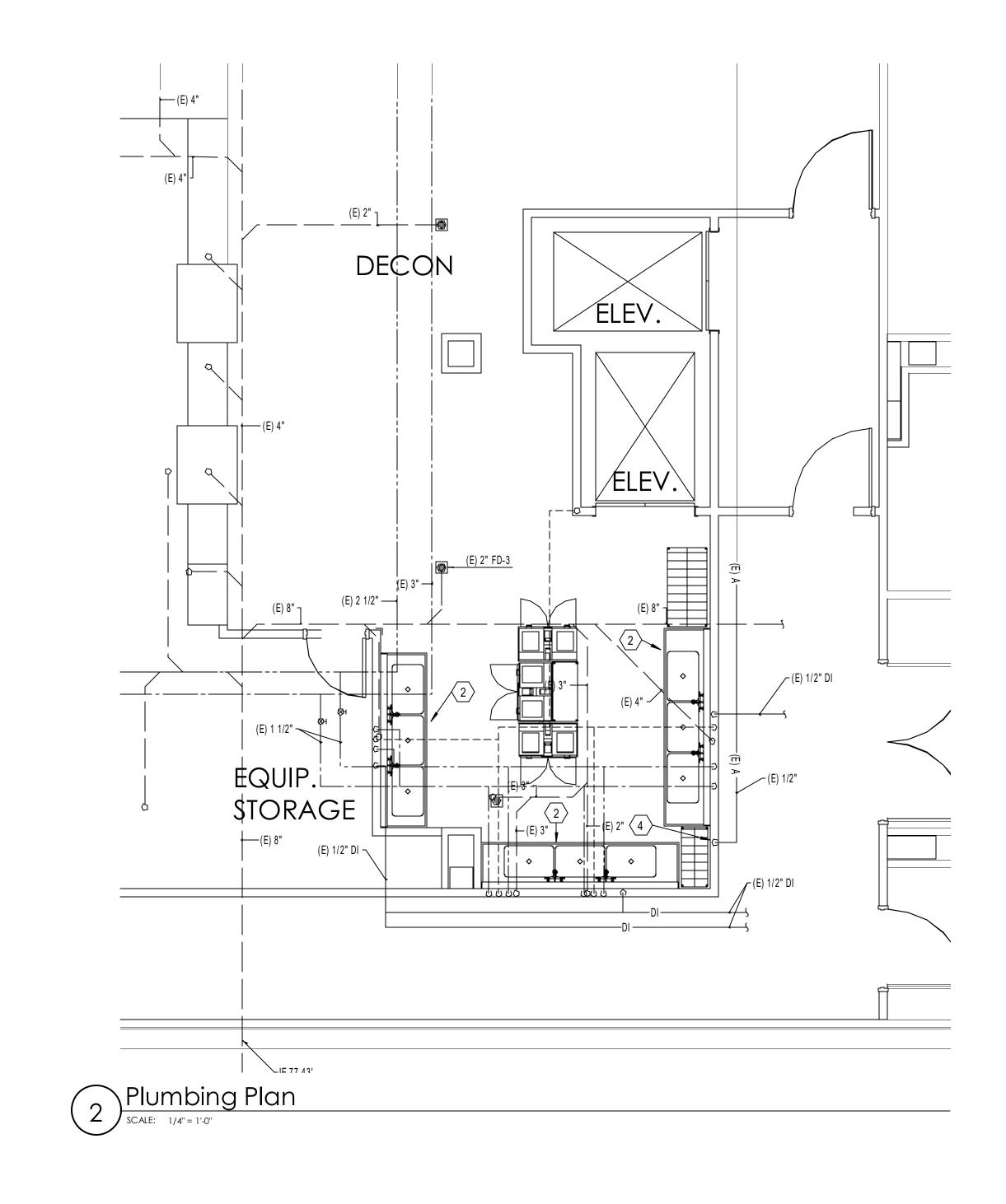






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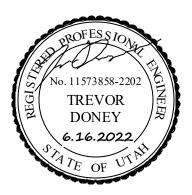




### **KEYED NOTES** $\langle \# \rangle$

- 1. EXISTING MULTI COMP SINKS TO BE REMOVED (SEE ARCH). PROTECT PLUMBING CONNECTIONS FOR RECONNECTION.
- 2. CONNECT NEW OWNER FURNISHED SINKS TO EXISTING SUPPLIES, CONTRACTOR TO VERIFY THAT STUB OUT LOCATIONS ARE WITHIN THE MANUFACTURERS RECOMMENDED LOCATION AND RELOCATE AS REQUIRED TO ACCOMMODATE SINKS. HOT, COLD, AND DI WATER CONNECTIONS TO BE MADE WITH FLEXIBLE HOSES SUITABLE FOR EACH PIPE TYPE. PROVIDE SUFFICIENT LENGTH OF PIPING FOR THE TRAVEL UP AND DOWN OF THE ADJUSTABLE HEIGHT SINK.
- 3. DEMOLISH EXISTING NITROGEN PANEL AND OUTLET IN THIS LCOATION. DEMOLISH NITROGEN LINE BACK TO MAIN AND CAP.
- 4. EXISITNG MEDICAL AIR OUTLET TO REMAIN. CONTRACTOR TO PROTECT AND MAINTAIN DURING CONSTRUCTION.





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SYMBOL	SYMBOLS LEGEND
00	E AND LINE SYMBOLS
01	
(A5) E-501	DETAIL INDICATOR: A5 INDICATES DETAIL NUMBER, E-501 INDICATES DRAWING SHEET WHERE DETAIL IS SHOWN.
02	
A5	ELEVATION OR SECTION INDICATOR, EXTERIOR: A5 INDICATES
E-201	ELEVATION OR SECTION NUMBER, E-201 INDICATES DRAWING SHEET WHERE ELEVATION OR SECTION IS SHOWN.
A5	ELEVATION OR SECTION INDICATOR, INTERIOR: A5 INDICATES ELEVATION OR SECTION NUMBER, E-201 INDICATES DRAWING
E-201 ROOM NAME	SHEET WHERE ELEVATION OR SECTION IS SHOWN.
04 100	ROOM IDENTIFIER WITH ROOM NAME AND NUMBER.
05 (1)	KEYNOTE INDICATOR.
	REVISION INDICATOR.
07 CU-1	EQUIPMENT INDICATOR.
08 X-X	MECHANICAL EQUIPMENT INDICATOR. "X-X" INDICATES EQUIPMENT MARK SHOWN ON EQUIPMENT SCHEDULE. "XMDP"
	IDENTIFIES PANEL EQUIPMENT IS CIRCUITED TO. REFER TO EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.
<sup>09</sup> —⁄	BREAK, STRAIGHT: TO BREAK PARTS OF DRAWING
$^{10}$ $\sim$	BREAK, ROUND
11 <sub>MATCH LINE</sub> SEE XX/X-XXX	MATCH LINE INDICATOR: CENTER, EXTRA WIDE LINE.
14	EXISTING TO REMAIN LINE: THIN LINE.
15	DEMOLITION LINE: DASHED, MEDIUM LINE
18 <b>XXX</b>	ELECTRICAL EQUIPMENT INDICATOR. "XXX" INDICATES TYPE OF EQUIPMENT OR EQUIPMENT ID. "EF-X" IDENTIFIES MECHANICAL
LXXX EF-X	EQUIPMENT BEING SERVED. REFER TO EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.
X-X YKD	KITCHEN EQUIPMENT INDICATOR. "X-X" INDICATES EQUIPMENT MARK SHOWN ON EQUIPMENT SCHEDULE. "XKP" IDENTIFIES PANEL EQUIPMENT IS CIRCUITED TO. REFER TO EQUIPMENT
00	SCHEDULE FOR ADDITIONAL INFORMATION.
04	WIRING.
	BRANCH CIRCUIT HOME RUN TO PANELBOARD: NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS. LETTER AND NUMBER NOTATIONS IDENTIFY PANEL AND CIRCUIT NUMBERS.
A-1,3,5	USE #12 CONDUCTORS, EXCEPT #10 CONDUCTORS SHALL BE INSTALLED IF DISTANCES EXCEED THOSE SPECIFIED IN THE
05	ELECTRICAL SPECIFICATIONS.
	BRANCH CIRCUIT HOME RUN TO PANELBOARD: NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS. LETTER AND
	NUMBER NOTATIONS IDENTIFY PANEL AND CIRCUIT NUMBERS. NUMBER IN BOX REFERS TO THE CONDUCTOR AND CONDUIT SCHEDULE. FOR BRANCH WIRING USE #12 CONDUCTORS,
A-1,3,5	EXCEPT #10 CONDUCTORS SHALL BE INSTALLED IF DISTANCES EXCEED THOSE SPECIFIED IN THE ELECTRICAL
09	SPECIFICATIONS.
10	LOW VOLTAGE WIRING: DIVIDE, MEDIUM LINE.
10 <b>+</b>	CONDUIT STUB. DIMENSION RECORD DRAWINGS AND MARK.
12	CONDUCTOR & CONDUIT ("CC") SCHEDULE INDICATOR. REFER TO ONE-LINE DIAGRAM.
12 (HC) 13	ADA ACCESS PUSH PLATE
	JUNCTION BOX.
PB 21 I	PULL BOX.
	EARTH GROUND (ONE-LINE DIAGRAM).
<sup>22</sup> Ø <sub>C</sub>	JUNCTION BOX, CEILING.
	LADDER RACK.
<sup>25</sup> $\ominus$	MECHANICAL EQUIPMENT CONNECTION. REFER TO EQUIPMENT SCHEDULE FOR REQUIREMENTS.
LIGHTING (	(REFER TO FIXTURE SCHEDULE FOR SYMBOLS)
(W-3)	FIXTURE IDENTIFICATION: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED.
02	
(W-3)	FIXTURE IDENTIFICATION, EMERGENCY WITH BATTERY PACK,
(W-3)	FIXTURE IDENTIFICATION, EMERGENCY WITH BATTERY PACK, CONNECTED TO GENERATOR AS INDICATED: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED.
(W-3)	CONNECTED TO GENERATOR AS INDICATED: (W-3) INDICATES
03	CONNECTED TO GENERATOR AS INDICATED: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED.
03 EM	CONNECTED TO GENERATOR AS INDICATED: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED. EMERGENCY.
03 EM 04 NL 05	CONNECTED TO GENERATOR AS INDICATED: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED. EMERGENCY. NIGHT LIGHT: DO NOT SWITCH.
03 EM 04 NL 05 ↑	CONNECTED TO GENERATOR AS INDICATED: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED. EMERGENCY. NIGHT LIGHT: DO NOT SWITCH. EGRESS DIRECTION ARROW (EXIT SIGNS).
03 EM 04 NL 05 ↑ 06 LV 07	CONNECTED TO GENERATOR AS INDICATED: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED. EMERGENCY. NIGHT LIGHT: DO NOT SWITCH. EGRESS DIRECTION ARROW (EXIT SIGNS). LOW VOLTAGE LIGHTING TRANSFORMER.
03 EM 04 NL 05 ↑ 06 LV 07	CONNECTED TO GENERATOR AS INDICATED: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED. EMERGENCY. NIGHT LIGHT: DO NOT SWITCH. EGRESS DIRECTION ARROW (EXIT SIGNS). LOW VOLTAGE LIGHTING TRANSFORMER. EXIT SIGN: SINGLE FACE; CEILING MOUNTED
$0^{3}$ EM $0^{4}$ NL $0^{5}$ ↑ $0^{6}$ LV $0^{7}$ $\bigcirc$ $0^{8}$ $\bigcirc$ $\bigcirc$ $0^{9}$ $\bigcirc$	CONNECTED TO GENERATOR AS INDICATED: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED. EMERGENCY. NIGHT LIGHT: DO NOT SWITCH. EGRESS DIRECTION ARROW (EXIT SIGNS). LOW VOLTAGE LIGHTING TRANSFORMER. EXIT SIGN: SINGLE FACE; CEILING MOUNTED EXIT SIGN: SINGLE FACE; WALL MOUNTED
$ \begin{array}{c} 03 \\ EM \\ 04 \\ NL \\ 05 \\ 06 \\ LV \\ 07 \\ 08 \\ \hline 08 \\ \hline 09 \\ \hline 09 \\ \hline 10 \\ \hline 0 \\ \hline 09 \\ \hline 00 \\$	CONNECTED TO GENERATOR AS INDICATED: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED. EMERGENCY. NIGHT LIGHT: DO NOT SWITCH. EGRESS DIRECTION ARROW (EXIT SIGNS). LOW VOLTAGE LIGHTING TRANSFORMER. EXIT SIGN: SINGLE FACE; CEILING MOUNTED EXIT SIGN: SINGLE FACE; WALL MOUNTED EXIT SIGN: DOUBLE FACE; CEILING MOUNTED EXIT SIGN: DOUBLE FACE; WALL MOUNTED
$ \begin{array}{c} 03 \\ \hline 03 \\ \hline EM \end{array} $ $ \begin{array}{c} 04 \\ NL \end{array} $ $ \begin{array}{c} 05 \\ \uparrow \end{array} $ $ \begin{array}{c} 06 \\ \hline LV \end{array} $ $ \begin{array}{c} 07 \\ \hline 08 \\ \hline 09 \\ \hline 09 \\ \hline 10 \\ \hline 00 \end{array} $	CONNECTED TO GENERATOR AS INDICATED: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED. EMERGENCY. NIGHT LIGHT: DO NOT SWITCH. EGRESS DIRECTION ARROW (EXIT SIGNS). LOW VOLTAGE LIGHTING TRANSFORMER. EXIT SIGN: SINGLE FACE; CEILING MOUNTED EXIT SIGN: SINGLE FACE; WALL MOUNTED EXIT SIGN: DOUBLE FACE; CEILING MOUNTED EXIT SIGN: DOUBLE FACE; WALL MOUNTED EXIT SIGN: DOUBLE FACE; WALL MOUNTED CONTROL
$ \begin{array}{c}       03 \\       04 \\       NL       05 \\       06 \\       LV       07 \\       08 \\       07 \\       08 \\       09 \\       09 \\       09 \\       10 \\       2 \\       00 \\       LIGHTING \\       01       01       01       01       01       01       01       01       01       01       03       01      $	CONNECTED TO GENERATOR AS INDICATED: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED. EMERGENCY. NIGHT LIGHT: DO NOT SWITCH. EGRESS DIRECTION ARROW (EXIT SIGNS). LOW VOLTAGE LIGHTING TRANSFORMER. EXIT SIGN: SINGLE FACE; CEILING MOUNTED EXIT SIGN: SINGLE FACE; WALL MOUNTED EXIT SIGN: DOUBLE FACE; CEILING MOUNTED EXIT SIGN: DOUBLE FACE; WALL MOUNTED EXIT SIGN: DOUBLE FACE; WALL MOUNTED CONTROL
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$ \begin{array}{c}         1 \\         03 \\         EM         03 \\         04 \\         NL         05 \\         10 \\         07 \\         08 \\         09 \\         00 \\         01 \\         x \\         00 \\         00 \\         00 \\         $	CONNECTED TO GENERATOR AS INDICATED: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED. EMERGENCY. NIGHT LIGHT: DO NOT SWITCH. EGRESS DIRECTION ARROW (EXIT SIGNS). LOW VOLTAGE LIGHTING TRANSFORMER. EXIT SIGN: SINGLE FACE; CEILING MOUNTED EXIT SIGN: SINGLE FACE; CEILING MOUNTED EXIT SIGN: DOUBLE FACE; WALL MOUNTED EXIT SIGN: DOUBLE FACE; CEILING MOUNTED EXIT SIGN: DOUBLE FACE; CEILING MOUNTED CONTROL OCCUPANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING. OCCUPANCY SENSOR, DUAL TECHNOLOGY, WALL. OCCUPANCY SENSOR, DUAL TECHNOLOGY, URECTIONAL. OCCUPANCY SENSOR, DUAL TECHNOLOGY, DIRECTIONAL. OCCUPANCY SENSOR, DUAL TECHNOLOGY, MALL. OCCUPANCY SENSOR, DUAL TECHNOLOGY, MALL. OCCUPANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING. VACANCY SENSOR, DUAL TECHNOLOGY, WALL. PHOTOCELL. LOW VOLTAGE DIGITAL LIGHTING CONTROL SWITCH: LETTER "a,b" INDICATES ZONING WHERE SHOWN (REFER TO PLANS, SCHEDULES, AND DETAILS FOR EXACT BUTTON CONFIGURATION AND PROGRAMMING REQUIREMENTS)

	SYMBOLS LEGEND
SYMBOL	DESCRIPTION
WIRING D	EVICES
	RECEPTACLE, DUPLEX: NEMA 5-20R.
<sup>03</sup>	RECEPTACLE, DUPLEX, ABOVE COUNTER: NEMA 5-20R.
Ψ A 06	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT
∯ dF	INTERRUPTER, DRINKING FOUNTAIN: CONCEAL WATER CO RECEPTACLE BEHIND WATER COOLER. SEE MECHANICAL/PLUMBING SHOP DRAWINGS FOR INSTALLAT REQUIREMENTS.
<sup>08</sup> <mark></mark> ∫s	RECEPTACLE, DUPLEX, SWITCHED: NEMA 5-20R.
10 ₩w	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, WET LABEL, "WEATHERPROOF IN USE": NEMA 5-20R.
<sup>11</sup> d wp	RECEPTACLE, DUPLEX, WEATHERPROOF: NEMA 5-20R.
12	RECEPTACLE, DUPLEX, HOSPITAL GRADE: NEMA 5-20R.
	RECEPTACLE, DUPLEX ON EMERGENCY POWER: NEMA 5-
14 L	RECEPTACLE, DUPLEX, HOSPITAL GRADE ON EMERGENCY
● 16 ∐	POWER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT
	INTERRUPTER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT
18	INTERRUPTER, HOSPITAL GRADE: NEMA 5-20R.
-	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE ON EMERGENCY POWEF NEMA 5-20R.
<sup>19</sup>	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, WEATHERPROOF: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX: NEMA 5-20R.
<sup>23</sup>	RECEPTACLE, QUADRAPLEX ON EMERGENCY
2/	
<sup>24</sup>	RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE: NEMA 5-2 RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE ON EMERG
27	POWER: NEMA 5-20R. RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUI
$\frac{2}{28}$	INTERRUPTER: NEMA 5-20R.
<u></u>	RECEPTACLE, SPECIAL PURPOSE. PROVIDE RECEPTACLE MATCH EQUIPMENT PLUG.
<sup>30</sup> <b>₿</b> ₽	RECEPTACLE, DRYER: NEMA 14-30R.
<sup>31</sup>	RECEPTACLE, RANGE: NEMA 14-50R.
36 FB#	FLUSH FLOOR BOX. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES.
38 PT#	FLUSH FIRE RATED POKE THRU. "#" SHOWN ON DRAWING REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES.
39 Ф	SWITCH, DIMMER.
40 X \$	SWITCH, SINGLE POLE ("x" INDICATES FIXTURES CONTROL
41 X \$2	SWITCH, DOUBLE POLE ("x" INDICATES FIXTURES CONTRO
42 X \$3	· · · · · · · · · · · · · · · · · · ·
43 X	SWITCH, THREE-WAY ("x" INDICATES FIXTURES CONTROLL
\$4 52 II	SWITCH, FOUR-WAY ("x" INDICATES FIXTURES CONTROLLE
Фт	RECEPTACLE, DUPLEX, TAMPER RESISTANT: NEMA 5-20R.
54	RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCU INTERRUPTER, HOSPITAL GRADE: NEMA 5-20R.
J4	RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCU INTERRUPTER, HOSPITAL GRADE ON EMERGENCY POWER NEMA 5-20R.
56	RECEPTACLE, SINGLE PLEX, WITH USB OUTLET
<sup>57</sup> 荷	RECEPTACLE, DULEX, RECESSED, NEMA 5-20R, AUTOMATI CONTROLLED THROUGH TIME OR OCCUPANCY BASED CONTROLS (REFER TO PLANS FOR CONTROL METHOD)
<sup>58</sup> ₩	RECEPTACLE, QUADRAPLEX, RECESSED, NEMA 5-20R, AUTOMATICALLY CONTROLLED THROUGH TIME OR OCCUP BASED CONTROLS (REFER TO PLANS FOR CONTROL METH
	RED CABLING IHC
01	
02 <u>−</u>	IHC COMMUNICATIONS DEVICE (1 DATA).
03	IHC COMMUNICATIONS DEVICE (1 DATA / 1 ANALOG).
V	IHC COMMUNICATIONS DEVICE (1 DATA WALL PHONE).
<sup>04</sup> <b>V</b>	IHC COMMUNICATIONS DEVICE (2 DATA).
<sup>05</sup> <b>▼</b> <sup>3</sup>	IHC COMMUNICATIONS DEVICE (3 DATA).
06 ▼4	IHC COMMUNICATIONS DEVICE (4 DATA).
<sup>07</sup> <b>▼</b> 6	IHC COMMUNICATIONS DEVICE (6 DATA).
<sup>08</sup> ⊽M	IHC COMMUNICATIONS DEVICE PHYSIOLOGICAL MONITOR
09	(1 DATA).

WAP IHC COMMUNICATIONS DEVICE WIRELESS ACCESS POINT (2

DATA).

SYMBOLS LEGEND			
SYMBOL	DESCRIPTION		
	AL POWER AND DISTRIBUTION		
	CT CABINET PER UTILITY'S REQUIREMENTS (ONE-LINE DIAGRAM).		
	TRANSFER SWITCH (ONE-LINE DIAGRAM).		
	DIGITAL MULTIMETER (ONE-LINE DIAGRAM).		
<sup>33</sup> ⊷ Ң III	SERVICE ENTRANCE SURGE PROTECTION (ONE-LINE DIAGRAM).		
36 M	METER.		
<sup>41</sup> 🗠	DISCONNECT SWITCH, FUSED.		
43 <b>X</b> h	STARTER, COMBINATION WITH DISCONNECT SWITCH.		
44	STARTER OR MOTOR CONTROLLER.		
45	PUSHBUTTON.		
46	PUSHBUTTONS, MOTOR CONTROL.		
47	PANELBOARD CABINET, FLUSH MOUNTED.		
48	PANELBOARD CABINET, SURFACE MOUNTED, 1 SECTION.		
49	PANELBOARD CABINET, SURFACE MOUNTED, 2 SECTION.		
50	DISTRIBUTION PANEL OR SWITCHBOARD.		
51	LIGHTING RELAY, CONTACTOR PANEL, OR DIMMING ENCLOSURE.		
52	LIGHTING CONTROL STATION.		
53	DIMMING ENTRY STATION OR CONTROL STATION, FLUSH MOUNTED.		
54	CENTRAL PROCESSOR UNIT.		
<sup>56</sup> 75	TRANSFORMER: NUMBER INDICATES kVA.		
77 (HC)	ACCESSIBLE DOOR ENTRY PUSH PLATE OPERATOR.		
	M		
02 FCP	FIRE ALARM CONTROL PANEL, SEMI-RECESSED.		
03 FPS	FIRE ALARM NOTIFICATION POWER SUPPLY.		
07 CM	CONTROL MODULE.		
<sup>08</sup> MM	MONITOR MODULE.		
<sup>09</sup> P	FIRE ALARM MANUAL PULL STATION.		
10 R	SHUT DOWN RELAY: INSTALL RELAY IN CONTROL CIRCUIT OF EQUIPMENT TO BE CONTROLLED IN THE EVENT OF A FIRE.		
<sup>11</sup> あ	MAGNETIC DOOR HOLDER.		
15	DETECTOR, SMOKE.		
22	DETECTOR, SMOKE, DUCT WITH HOUSING AND SAMPLING TUBE.		
23	DETECTOR, HEAT.		
<sup>25</sup> X	STROBE.		
35	DETECTOR, FLOW SWITCH: FLOW SWITCHES SHALL BE PROVIDED AND INSTALLED WITH FIRE SPRINKLER SYSTEM AND SHALL BE CONNECTED TO LOCATIONS SHOWN ON THE FIRE SPRINKLER SHOP DRAWINGS.		
36 ØX	DETECTOR, TAMPER SWITCH WITH VALVE: TAMPER SWITCHES SHALL BE PROVIDED AND INSTALLED WITH FIRE SPRINKLER SYSTEM AND SHALL BE CONNECTED TO LOCATIONS SHOWN ON THE FIRE SPRINKLER SHOP DRAWINGS.		
37 SD	SMOKE DAMPER.		
<sup>38</sup> Ø FSD	FIRE AND SMOKE DAMPER.		
40 CO	DETECTOR, CARBON MONOXIDE.		

### ABBREVIATIONS

	NOTE: ALL ABBREVIAT		
1P	SINGLE POLE	kV	KILOVOLT
1PH	SINGLE-PHASE	kVA	KILOVOLT AMPE
1WAY	ONE-WAY	kVAR	KILOVOLT AMPE
2/C 2WAY	TWO-CONDUCTOR TWO-WAY	kW kWh	KILOWATT KILOWATT HOUF
3/C	THREE-CONDUCTOR	LED	LIGHT EMITTING
3WAY 4OUT	THREE-WAY QUADRUPLE RECEPTACLE		LIQUID TIGHT FL CONDUIT
4PDT	OUTLET FOUR-POLE DOUBLE THROW	LFNC	LIQUID TIGHT FL NONMETALLIC C
4PST	FOUR-POLE SINGLE THROW	LPS	LOW PRESSURE
4W	FOUR-WIRE	LRA LTG	LOCKED ROTOR
4WAY A	FOUR-WAY ABOVE COUNTER	LV	LOW VOLTAGE
AC ADA	ARMORED CABLE AMERICANS WITH DISABILITIES	MATV	MASTER ANTEN
	ACT	MAX MC	MAXIMUM METAL CLAD
ADJ AFF	ADJACENT ABOVE FINISHED FLOOR	MCA	MINIMUM CIRCU
AFG	ABOVE FINISHED GRADE	MCB	MAIN CIRCUIT B
AIC	AMPERE INTERRUPTING CAPACITY	MCC MCP	MOTOR CONTRO MOTOR CIRCUIT
ALUM	ALUMINUM	MDP	MAIN DISTRIBUT
AMP	AMPERE	MG	MOTOR GENERA
ANN AP	ANNUNCIATOR ACCESS POINT (WIRELESS	MH MIN	MANHOLE MINIMUM
7.4	DATA)	MLO	MAIN LUGS ONL
AR ASC		MOCP	MAXIMUM OVER
ASC	AMPS SHORT CIRCUIT AUTOMATIC TRANSFER	NA	NOT APPLICABL
	SWITCH	NC	NORMALLY CLO
AV AWG	AUDIO VISUAL AMERICAN WIRE GAGE	NEC	NATIONAL ELEC
BB	BUCK-BOOST TRANSFORMER	NEMA	MANUFACTURE
XFMR			ASSOCIATION
C CATV	CEILING MOUNTED COMMUNITY ANTENNA TELEVISION	NFC NFPA	NATIONAL FIRE ( NATIONAL FIRE I ASSOCIATION
СВ	CIRCUIT BREAKER	NIC	NOT IN CONTRA
CCBA	CUSTOM COLOR AS SELECTED BY ARCHITECT	NL NO	
CCTV	CLOSED CIRCUIT TELEVISION	NU	NORMALLY OPE
CF/CI	CONTRACTOR FURNISHED/ CONTRACTOR INSTALLED	ос	ON CENTER
CF/OI	CONTRACTOR INSTALLED	OCP OF/CI	OVER CURRENT
	OWNER INSTALLED		CONTRACTOR IN
CFBA	CUSTOM FINISH AS SELECTED BY ARCHITECT	OF/OI	OWNER FURNISI
СКТ	CIRCUIT	OFP	OBTAIN FROM P
CM CND		OH DR	OVERHEAD (COI
CND CO	CONDUIT CONVENIENCE OUTLET	OL PB	OVERLOAD
COR	CONTRACTING OFFICER'S	PB PF	PUSHBUTTON POWER FACTOR
CP	REPRESENTATIVE CONTROL PANEL	PH	PHASE
CT	CURRENT TRANSFORMER	PNL PT	PANEL POTENTIAL TRAI
CTV	CABLE TELEVISION	PTZ	PAN/TILT/ZOOM
CU dBA	COPPER UNIT OF SOUND LEVEL	QTY	QUANTITY
DPDT	DOUBLE POLE, DOUBLE	R RCP	REMOVE REFLECTED CEI
DS		RMC	RIGID METAL CC
EA	DISCONNECT SWITCH EACH	RNC	RIGID NONMETA
EM	EMERGENCY	RPM RR	REVOLUTIONS P REMOVE AND RE
EMT ENT	ELECTRICAL METALLIC TUBING ELECTRIC NONMETALLIC	S/S	START/STOP
	TUBING	SCA	SHORT CIRCUIT
EPO	EMERGENCY POWER OFF	SCBA	STANDARD COL
EQUIP FX	EQUIPMENT EXISTING	SF	SQUARE FOOT (
F	FURNITURE MOUNTED	SFBA	STANDARD FINIS
FA FCP	FIRE ALARM FIRE ALARM CONTROL PANEL	SPD	SURGE PROTEC
FLA	FULL LOAD AMPS	SPDT	SINGLE POLE, D
FMC	FLEXIBLE METAL CONDUIT	SPEC SPST	SPECIFICATION SINGLE POLE, SI
FOB FVNR	FREIGHT ON BOARD FULL VOLTAGE	ST	SINGLE THROW
	NON-REVERSING	SWBD	SWITCHBOARD
FVR	FULL VOLTAGE REVERSING	SWGR TL	SWITCHGEAR TWIST LOCK
G GEN	GROUND GENERATOR	TP	TELEPHONE POL
GFCI	GROUND FAULT INTERRUPTER	TP	TWISTED PAIR
GFP	GROUND FAULT PROTECTION	TTB TV	TELEPHONE TEF
HD HID	HEAVY DUTY HIGH INTENSITY DISCHARGE	TVSS	TRANSIENT VOL
HOA	HAND-OFF-AUTOMATIC	TYP	SUPPRESSER TYPICAL
HP	HORSE POWER	UF	UNDERFLOOR
HPF HPS	HIGH POWER FACTOR HIGH PRESSURE SODIUM	UGND	UNDERGROUND
HV	HIGH VOLTAGE	UPS	UNINTERRUPTIB SUPPLY
HZ		V	VOLTS
I/O IG	INPUT/ OUTPUT ISOLATED GROUND		
IMC	INTERMEDIATE METAL	VFC/VF D	VARIABLE FREQ CONTROLLER
IN/IS	CONDUIT INSULATED/ ISOLATED	W/	WITH
IR	INFRARED	W/O WP	WITHOUT WEATHERPROO
J-BOX	JUNCTION BOX	XFMR	TRANSFORMER

KILOVOLT KILOVOLT AMPERE KILOVOLT AMPERE REACTIVE KILOWATT KILOWATT HOUR LIGHT EMITTING DIODE LIQUID TIGHT FLEXIBLE METAL CONDUIT LIQUID TIGHT FLEXIBLE NONMETALLIC CONDUIT LOW PRESSURE SODIUM LOCKED ROTOR AMPS LIGHTING LOW VOLTAGE MASTER ANTENNA TELEVISION SYSTEM MAXIMUM METAL CLAD MINIMUM CIRCUIT AMPS MAIN CIRCUIT BREAKER MOTOR CONTROL CENTER MOTOR CIRCUIT PROTECTION MAIN DISTRIBUTION PANEL MOTOR GENERATOR MANHOLE MINIMUM MAIN LUGS ONLY MAXIMUM OVERCURRENT PROTECTION NOT APPLICABLE NORMALLY CLOSED NATIONAL ELECTRICAL CODE NATIOANL ELECTRICAL MANUFACTURERS ASSOCIATION NATIONAL FIRE CODE NATIONAL FIRE PROTECTION ASSOCIATION NOT IN CONTRACT NIGHT LIGHT NORMALLY OPEN NOT TO SCALE ON CENTER OVER CURRENT PROTECTION OWNER FURNISHED/ CONTRACTOR INSTALLED OWNER FURNISHED/ OWNER INSTALLED OBTAIN FROM PLANS OVERHEAD (COILING) DOOR OVERLOAD PUSHBUTTON POWER FACTOR PHASE PANEL POTENTIAL TRANSFORMER PAN/TILT/ZOOM QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID NONMETAL CONDUIT **REVOLUTIONS PER MINUTE** REMOVE AND RELOCATE START/STOP SHORT CIRCUIT AMPS STANDARD COLOR AS SELECTED BY ARCHITECT SQUARE FOOT (FEET) STANDARD FINISH AS SELECTED BY ARCHITECT SURGE PROTECTIVE DEVICE SPECIFICATION SINGLE POLE, SINGLE THROW SINGLE THROW SWITCHBOARD SWITCHGEAR TWIST LOCK TELEPHONE POLE TWISTED PAIR TELEPHONE TERMINAL BOARD TELEVISION TRANSIENT VOLTAGE SURGE SUPPRESSER TYPICAL UNDERFLOOR UNDERGROUND UNINTERRUPTIBLE POWER SUPPLY VOLTS VOLT AMPERE VARIABLE FREQUENCY MOTOR CONTROLLER WITH WITHOUT WEATHERPROOF TRANSFORMER

### GENERAL ELECTRICAL NOTES

CLARIFICATION METHODS: AT THE TIME OF BIDDING, BIDDERS SHALL FAMILIARIZE THEMSELVES WITH THE DRAWINGS AND SPECIFICATIONS. ANY QUESTIONS, MISUNDERSTANDINGS, CONFLICTS, DELETIONS, DISCONTINUED PRODUCTS, CATALOG NUMBER DISCREPANCIES, DISCREPANCIES BETWEEN THE EQUIPMENT SUPPLIED AND THE INTENT OR FUNCTION OF THE EQUIPMENT, ETC, SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER IN WRITING FOR CLARIFICATION PRIOR TO ISSUANCE OF THE FINAL ADDENDUM AND BIDDING OF THE PROJECT. WHERE DISCREPANCIES OR MULTIPLE INTERPRETATIONS OCCUR. THE MOST STRINGENT (WHICH IS GENERALLY RECOGNIZED AS THE MOST COSTLY) THAT MEETS THE INTENT OF THE DOCUMENTS SHALL BE ENFORCED.

- OWNER FURNISHED ITEMS: THE OWNER WILL FURNISH MATERIAL AND EQUIPMENT AS INDICATED IN THE CONTRACT DOCUMENTS TO BE INCORPORATED INTO THE WORK. THESE ITEMS ARE ASSIGNED TO THE INSTALLER AND COSTS FOR RECEIVING, HANDLING, STORAGE, IF REQUIRED, AND INSTALLATION ARE INCLUDED IN THE CONTRACT SUM.
- A. THE INSTALLER'S RESPONSIBILITIES ARE THE SAME AS IF THE INSTALLER FURNISHED THE MATERIALS OR EQUIPMENT.
- B. THE OWNER WILL ARRANGE AND PAY FOR DELIVERY OF OWNER FURNISHED ITEMS FREIGHT ON BOARD JOB SITE AND THE INSTALLER WILL INSPECT DELIVERIES FOR DAMAGE. IF OWNER FURNISHED ITEMS ARE DAMAGED, DEFECTIVE OR MISSING, DOCUMENT DAMAGED ITEMS WITH THE TRANSPORT COMPANY AND THE OWNER WILL ARRANGE FOR REPLACEMENT. THE OWNER WILL ALSO ARRANGE FOR MANUFACTURER'S FIELD SERVICES, AND THE DELIVERY OF MANUFACTURER'S WARRANTIES AND BONDS TO THE INSTALLER.
- THE INSTALLER IS RESPONSIBLE FOR DESIGNATING THE DELIVERY DATES С OF OWNER FURNISHED ITEMS AND FOR RECEIVING, UNLOADING AND HANDLING OWNER FURNISHED ITEMS AT THE SITE. THE INSTALLER IS RESPONSIBLE FOR PROTECTING OWNER FURNISHED ITEMS FROM DAMAGE, INCLUDING DAMAGE FROM EXPOSURE TO THE ELEMENTS, AND TO REPAIR OR REPLACE ITEMS DAMAGED AS A RESULT OF HIS OPERATIONS.
- EXPOSED STRUCTURE AREAS (EXCLUDING MECHANICAL, ELECTRICAL, AND COMMUNICATION SPACES): INSTALL RACEWAYS BETWEEN DECK AND STRUCTURE WHEREVER POSSIBLE IN EXPOSED STRUCTURE CEILING AREAS. ROUTE RACEWAYS IN CONCEALED AREAS WHEREVER POSSIBLE. REFER ALL CONDITIONS WHERE RACEWAYS MUST BE INSTALLED WHICH CANNOT COMPLY WITH THESE REQUIREMENTS TO THE ARCHITECT.
- SUBMITTALS: PROVIDE ORIGINAL ELECTRONIC PDF FORMAT, BOUND, BOOKMARKED (EACH SECTION AND PRODUCT), AND HIGHLIGHTED. JOB NAME AND SUBCONTRACTOR SHALL BE ON THE FRONT COVER. PREPARE INDEX OF EQUIPMENT SUBMITTED IN EACH TAB.
- REFLECTED CEILING PLANS: COORDINATE THE LOCATION OF LIGHT FIXTURES WITH THE ARCHITECTURAL REFLECTED CEILING PLANS. REFER ALL DISCREPANCIES TO THE ARCHITECT AND ENGINEER.
- ALL WORK SHALL BE DONE ACCORDING TO THE CURRENT NATIONAL ELECTRIC CODE (NEC), IBC, NFPA, AND IFC. COMPLIANCE AND FINAL APPROVAL IS SUBJECT TO THE ON SITE FIELD INSPECTION OF THE AHJ.

### ELECTRICAL SHEET INDEX

EE001 SHEET INDEX, ABBREVIATIONS, AND GENERAL NOTES EE501 ELECTRICAL DETAILS EE701 TYPICAL MOUNTING HEIGHT DETAILS

ED101 BASEMENT ELECTRICAL DEMOLITION PLAN SINGLE POLE, DOUBLE THROW EP101 BASEMENT POWER PLANS

### DEFINITIONS NOTE: ALL DEFINITIONS MAY NOT BE USED.

INDICATED: THE TERM "INDICATED" REFERS TO GRAPHIC REPRESENTATIONS, NOTES, OR SCHEDULES ON THE DRAWINGS, OTHER PARAGRAPHS OR SCHEDULES IN THE SPECIFICATIONS, AND SIMILAR REQUIREMENTS IN THE CONTRACT DOCUMENTS. WHERE TERMS SUCH AS "SHOWN", "NOTED", "SCHEDULED", AND "SPECIFIED" ARE USED, IT IS TO HELP THE READER LOCATE THE REFERENCE, NO LIMITATION ON LOCATION IS INTENDED.

DIRECTED: TERMS SUCH AS "DIRECTED", "REQUESTED", AUTHORIZED", "SELECTED", "APPROVED", "REQUIRED", AND "PERMITTED" MEAN "DIRECTED BY THE ENGINEER", "REQUESTED BY THE ENGINEER", AND SIMILAR PHRASES.

APPROVED: THE TERM "APPROVED", WHERE USED IN CONJUNCTION WITH THE ENGINEER'S ACTION ON THE CONTRACTOR'S SUBMITTALS, APPLICATIONS, AND REQUESTS, IS LIMITED TO THE ENGINEER'S DUTIES AND RESPONSIBILITIES AS STATED IN GENERAL AND SUPPLEMENTARY CONDITIONS.

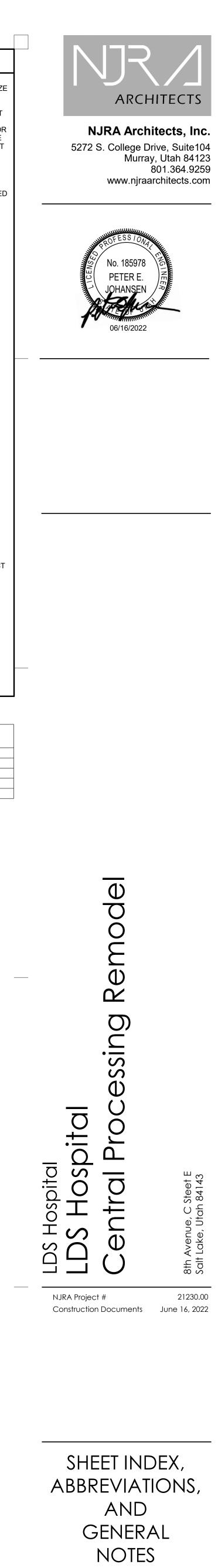
FURNISH: THE TERM "FURNISH" IS USED TO MEAN "SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS."

INSTALL: THE TERM "INSTALL" IS USED TO DESCRIBE OPERATIONS AT PROJECT SITE INCLUDING THE ACTUAL "UNLOADING, UNPACKING, ASSEMBLY, ERECTION, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS."

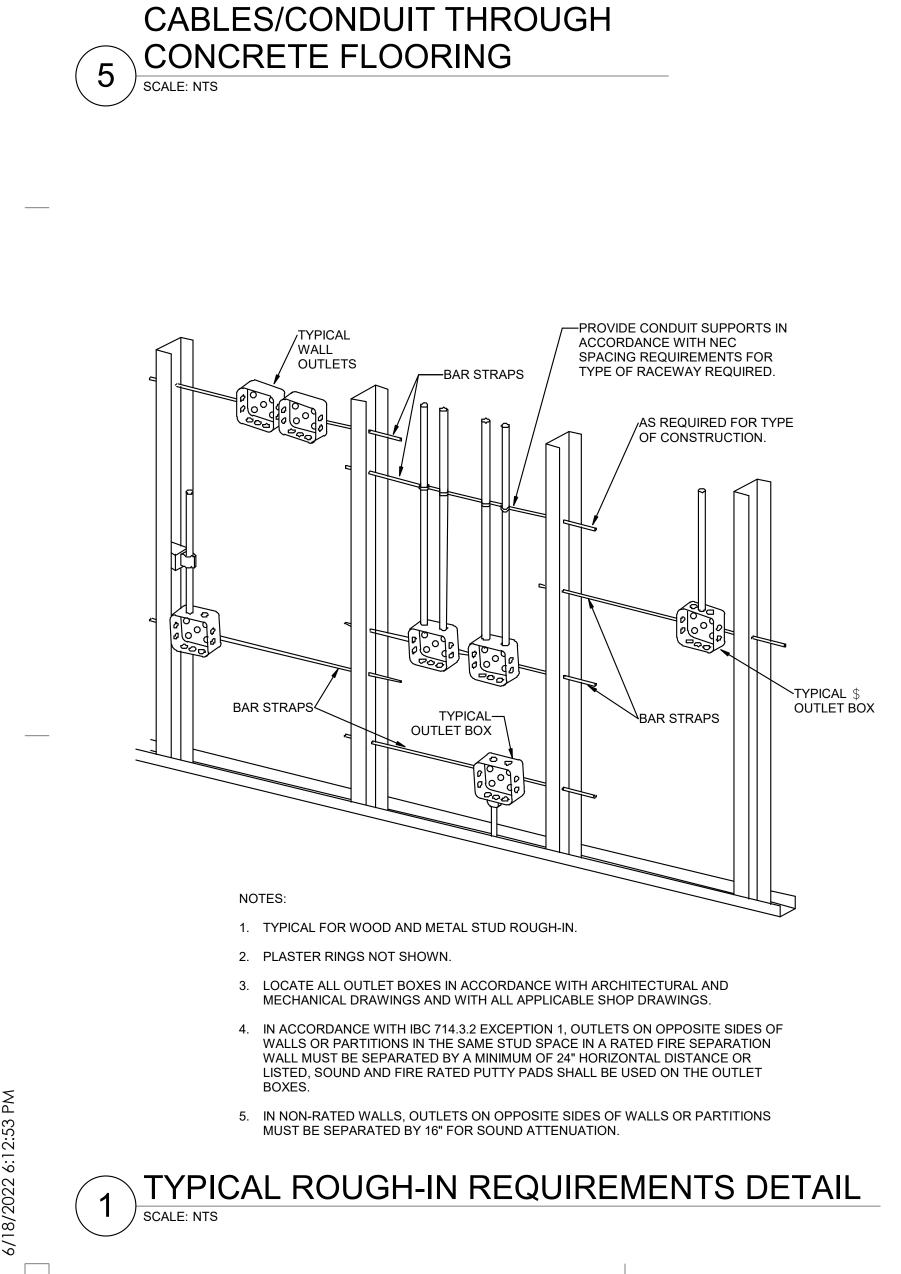
PROVIDE: THE TERM "PROVIDE" MEANS "TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE."

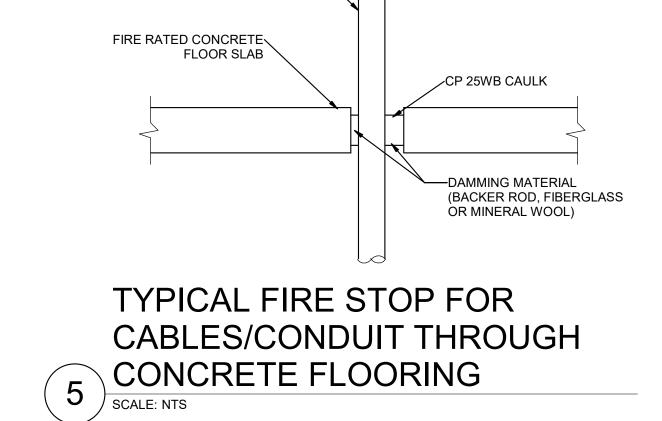
INSTALLER: AN "INSTALLER" IS THE CONTRACTOR OR AN ENTITY ENGAGED BY THE CONTRACTOR, EITHER AS AN EMPLOYEE, SUBCONTRACTOR, OR SUB-SUBCONTRACTOR, FOR PERFORMANCE OF A PARTICULAR CONSTRUCTION ACTIVITY, INCLUDING INSTALLATION, ERECTION, APPLICATION, AND SIMILAR OPERATIONS. INSTALLERS ARE REQUIRED TO BE EXPERIENCED IN THE OPERATIONS THEY ARE ENGAGED TO PERFORM.

TECHNOLOGY SYSTEMS: THE TERM "TECHNOLOGY SYSTEMS" IS USED TO DESCRIBE ALL LOW VOLTAGE SYSTEMS GENERALLY REFERRED TO AS "SPECIAL SYSTEMS". THESE SYSTEMS INCLUDE BUT ARE NOT NECESSARILY LIMITED TO ALL SYSTEMS WHICH UTILIZE VOLTAGES OF LESS THAN 71 VOLTS SUCH AS SOUND SYSTEMS, VIDEO SYSTEMS, TV SYSTEMS, SECURITY SYSTEMS, VOICE AND DATA CABLING SYSTEMS, ETC...



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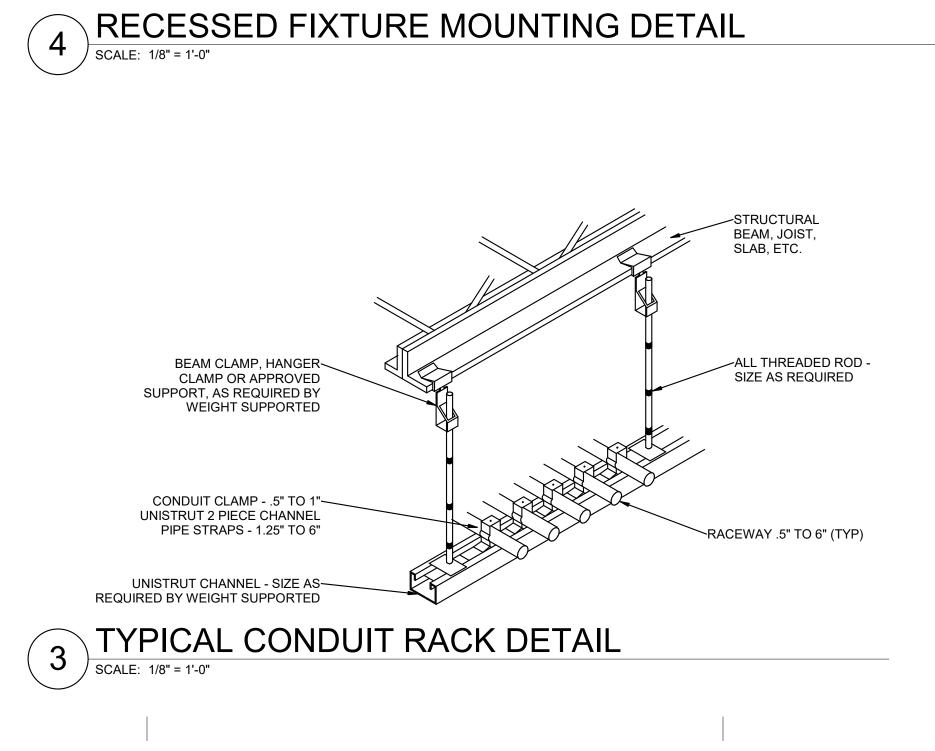


CONDUIT OR INSULATED CABLES

(6) SCALE: NTS

NOTE: TIE WIRE SHALL NOT BE USED AS A COMPONENT OF ANY RACEWAY HANGER SYSTEM. TRUCTURAL UNI -BEAM, CLAMP OR-HANGER CLAMP AS REQUIRED BY WEIGHT -RACEWAY -SUPPORTED .5" THROUGH 1" -ALL THREAD - SIZE AS REQUIRED -RACEWAY, .5" THROUGH 6" -CONDUIT HANGER STRUCTURAL UNIT BEAM, CLAMP OR HANGER CLAMP AS REQUIRED BY WEIGHT SUPPORTED -RACEWAY - .5" THROUGH 1"-2 TYPICAL RACEWAY SUPPORT METHODS DETAIL SCALE: 1/8" = 1'-0"





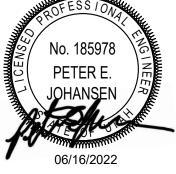
RECESSED TROFFER/

WIRE HANGER AT EACH CORNER OF FIXTURE (TYP) INDEPENDENT OF CEILING SUPPORT SYSTEM.

FIXTURE CLAMP - PROVIDE ONE PER SIDE OF FIXTURE.

LAY-IN CEILING GRID SYSTEM



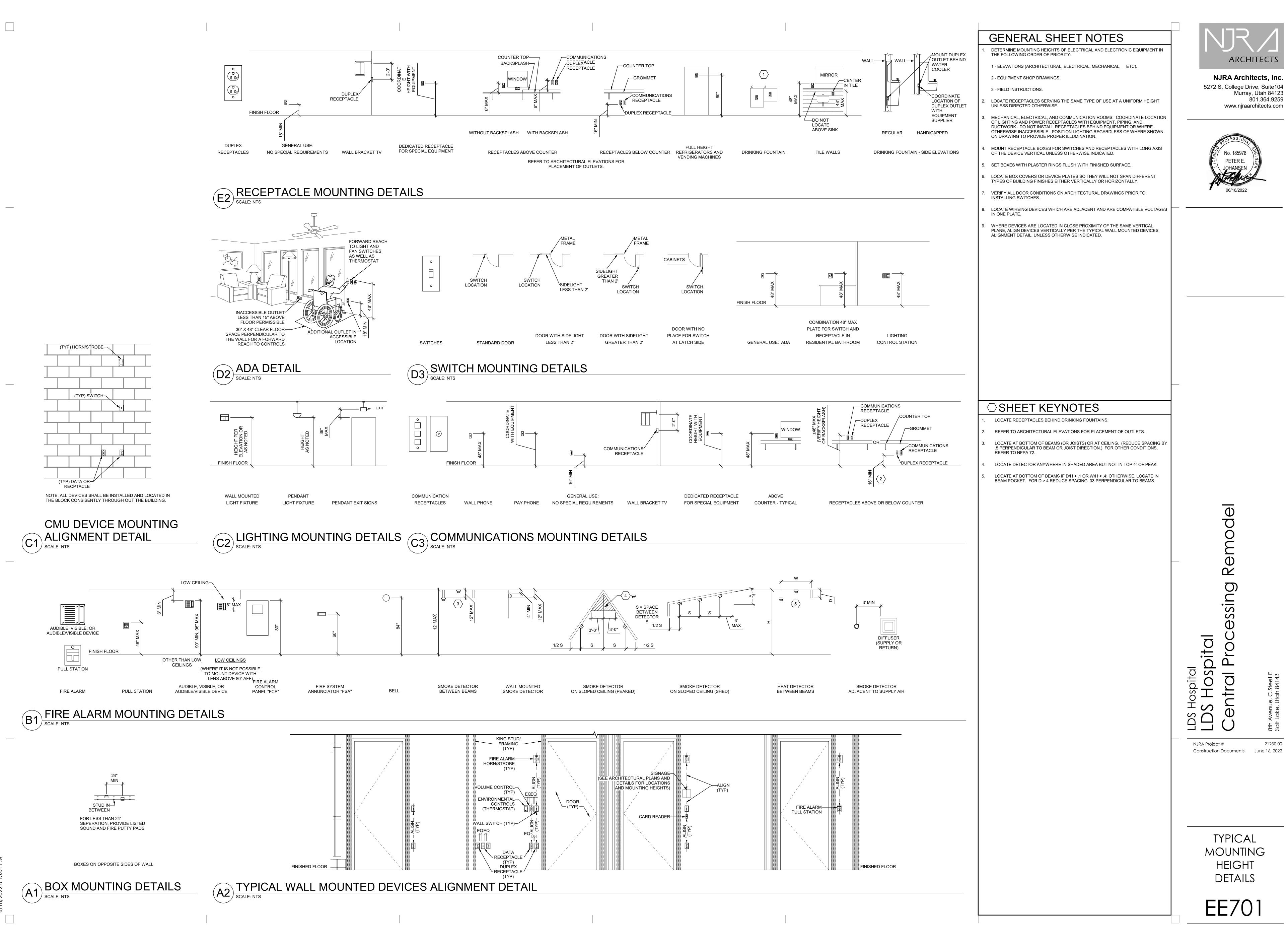


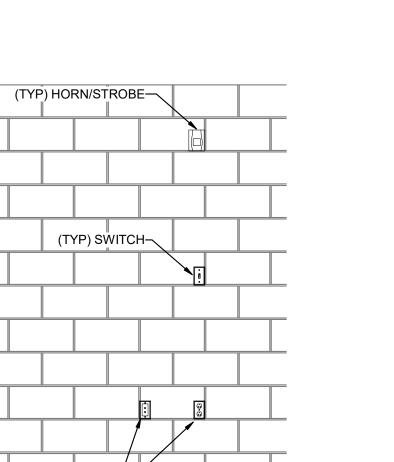


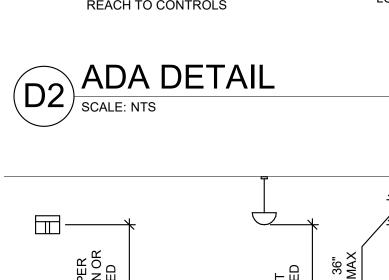
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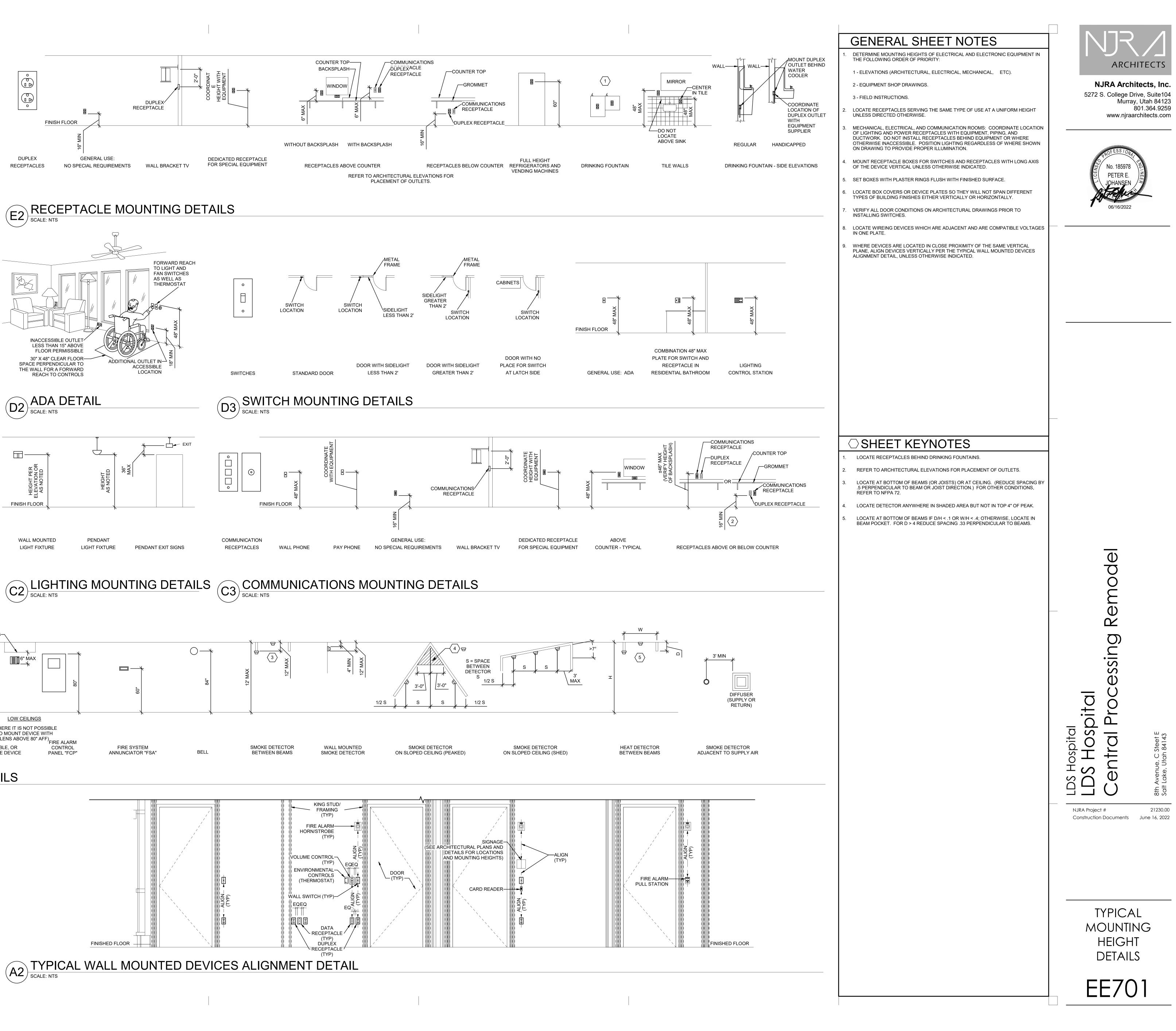


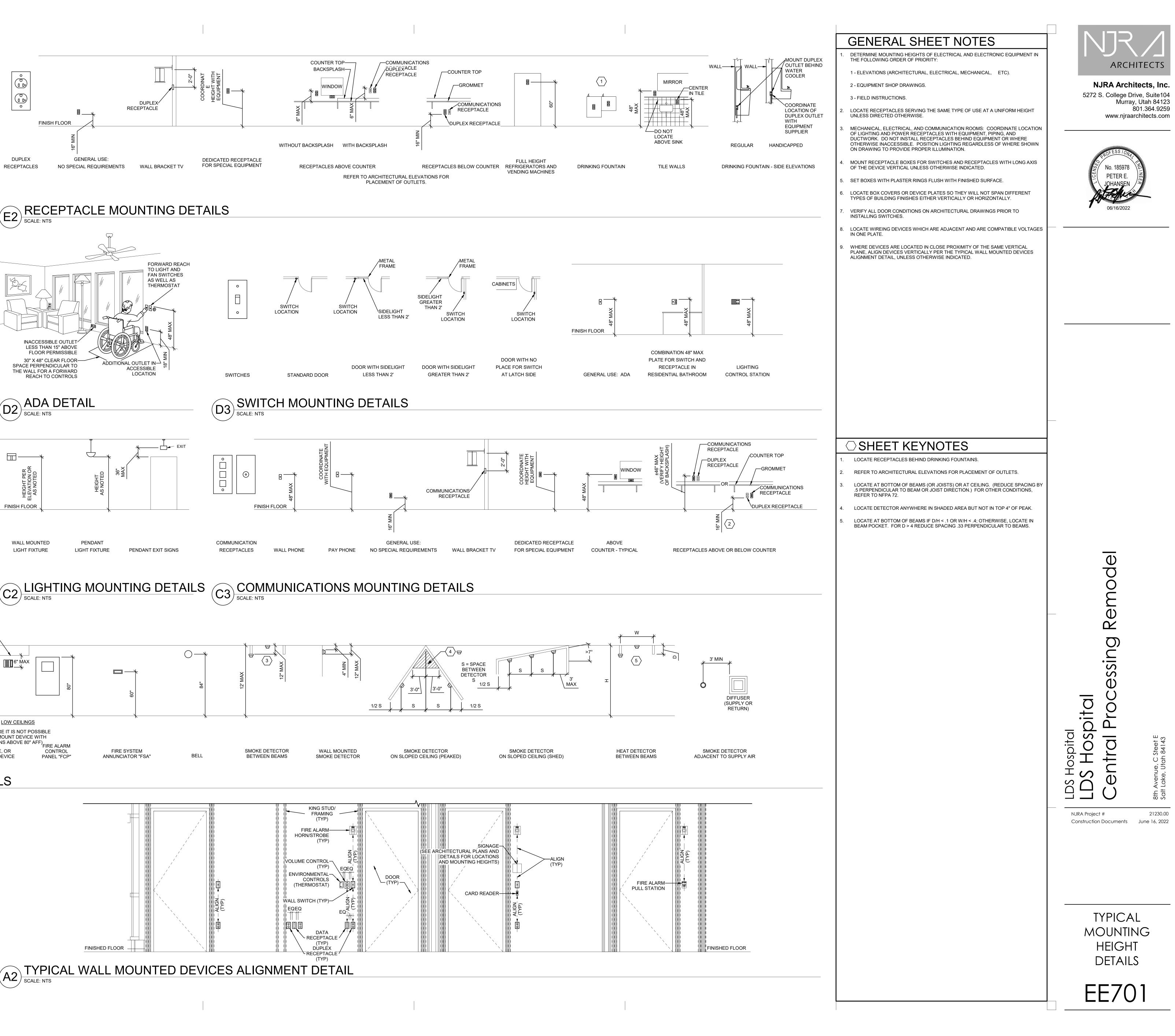










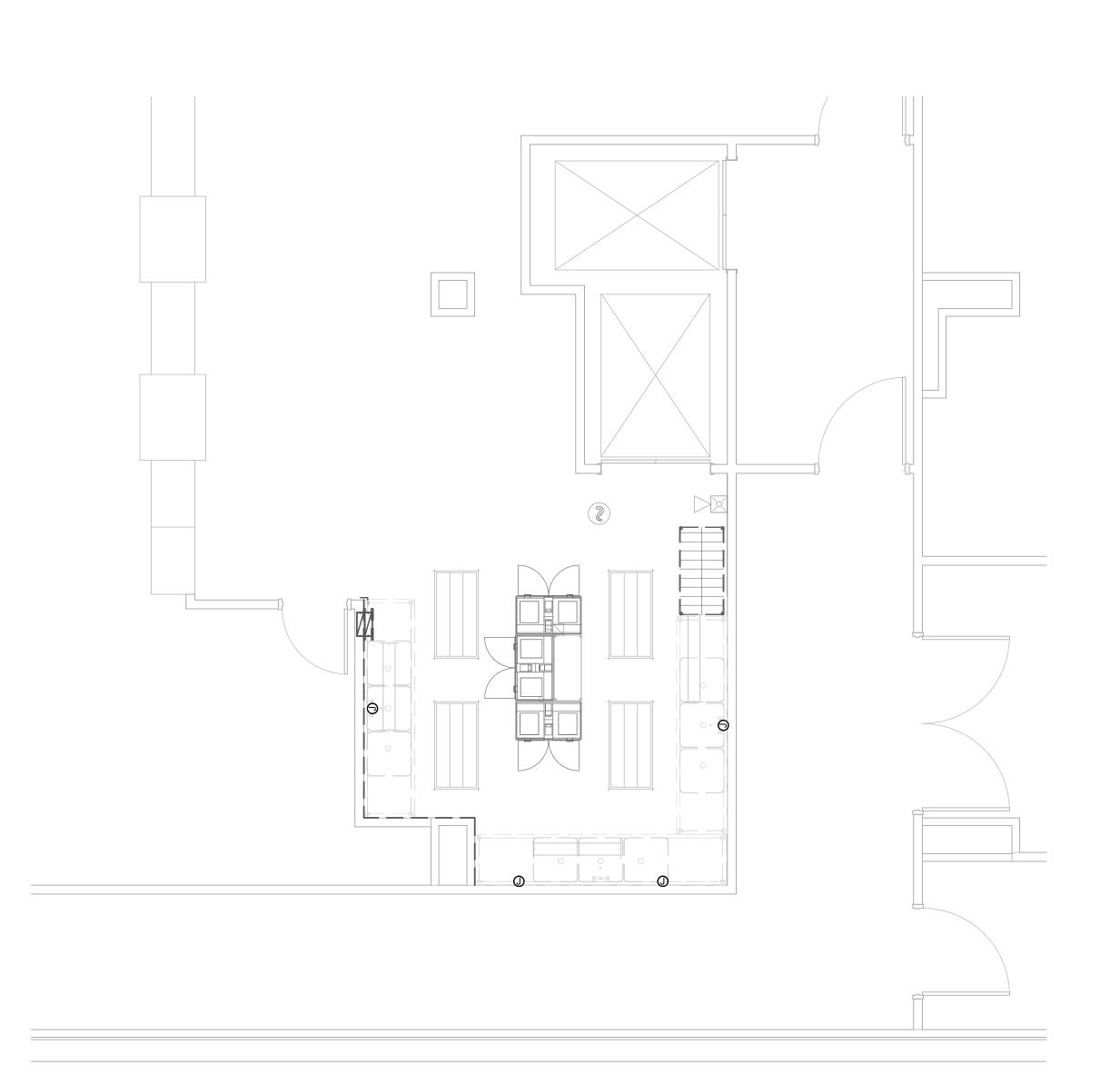


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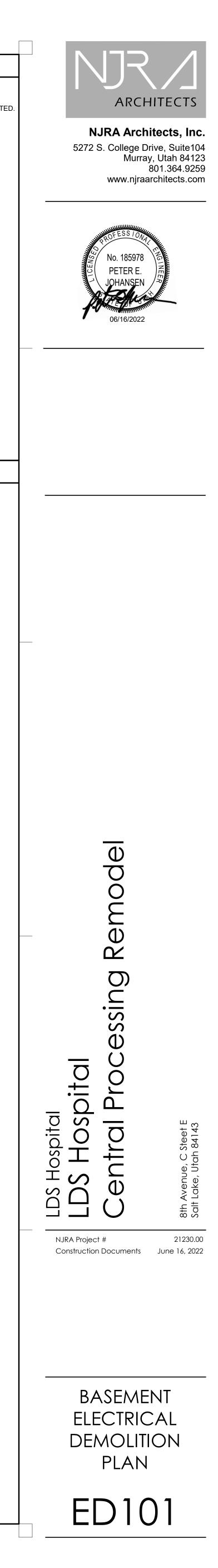
### 1 BASEMENT ELECTRICAL DEMOLITION PLAN SCALE: 1/4" = 1'-0"



### GENERAL SHEET NOTES

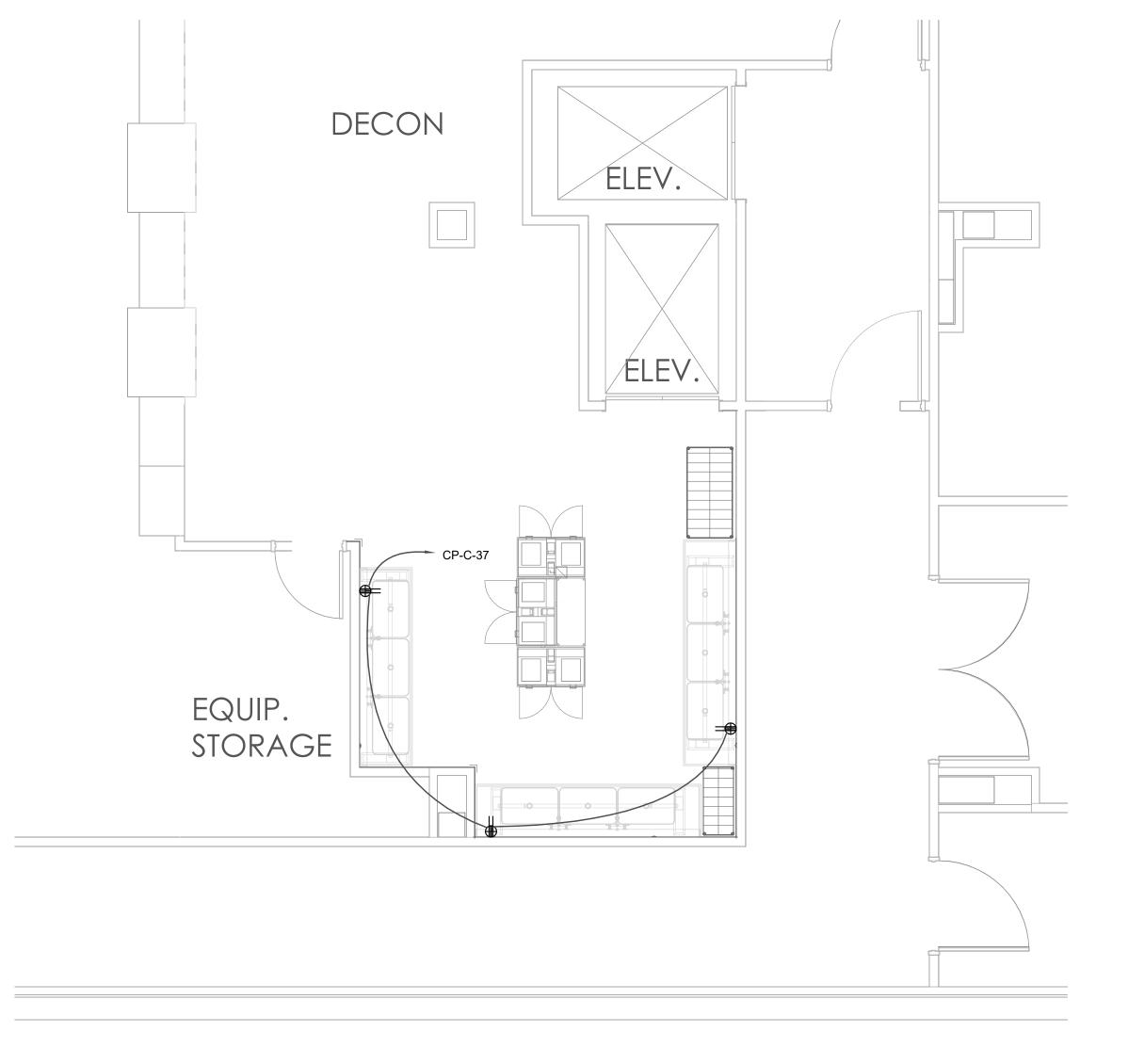
- 1 PRRROVODSUBBIDIOANGOBINE, VISIALISHEORIAL AND AND OVEROPYISHE EXTENT OF ELECTRICAL DEMOLITION WORK TO MEET THE INTENT OF THE BID DOCUMENTS 2 ANRLINGEOR ALLOSSIVITIME OF THE EDGE OF A SINK SHALL BE GFCI PROTECTED.
- 2 PRIOR TO REMOVAL OF ANY ELECTRICAL EQUIPMENT OR WIRING, FIELD VERIFY THAT THE EQUIPMENT OR WIRING IS INACTIVE OR NO LONGER IN USE.
- 3 REMOVE ALL DEVICES, RACEWAYS AND WIRING FROM WALLS TO BE REMOVED. WHERE ACTIVE RACEWAYS OCCUR IN WALLS TO BE REMOVED, REROUTE THE RACEWAY WITH ASSOCIATED WIRING TO KEEP THE CIRCUIT OPERATIONAL.
- 4 REMOVE ALL ABANDONED RACEWAY, CONDUIT, WIRING AND CABLING WHETHER ABANDONED PREVIOUS TO THIS PROJECT OR AS A RESULT OF THIS PROJECT. NOT ALL ABANDONED ITEMS ARE SHOWN ON THESE PLANS AND FIELD VERIFICATION OF DEMOLITION SCOPE EXTENT IS REQUIRED.
- 5 DEVICES MARKED "RR" ARE TO BE REMOVED AND RELOCATED PER NEW PLANS. EXTEND CIRCUITING AS REQUIRED FOR RELOCATION.

○ SHEET KEYNOTES



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### GENERAL SHEET NOTES

PROVIDE DEDICATED NEUTRALS FOR ALL BRANCH CIRCUITS.
 ALL RECEPTACLES WITHIN 6' OF THE EDGE OF A SINK SHALL BE GFCI PROTECTED.

⊖SHEET KEYNOTES

