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Samuel K. Beckman
10/10/2022

ARCHITECT

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Saint Luke's East Hospital

SAINT LUKE'S HOSPITAL OF LEE'S SUMMIT DIALYSIS STORAGE 100 NE SAINT LUKE'S BLVD. LEE'S SUMMIT, MO 64086

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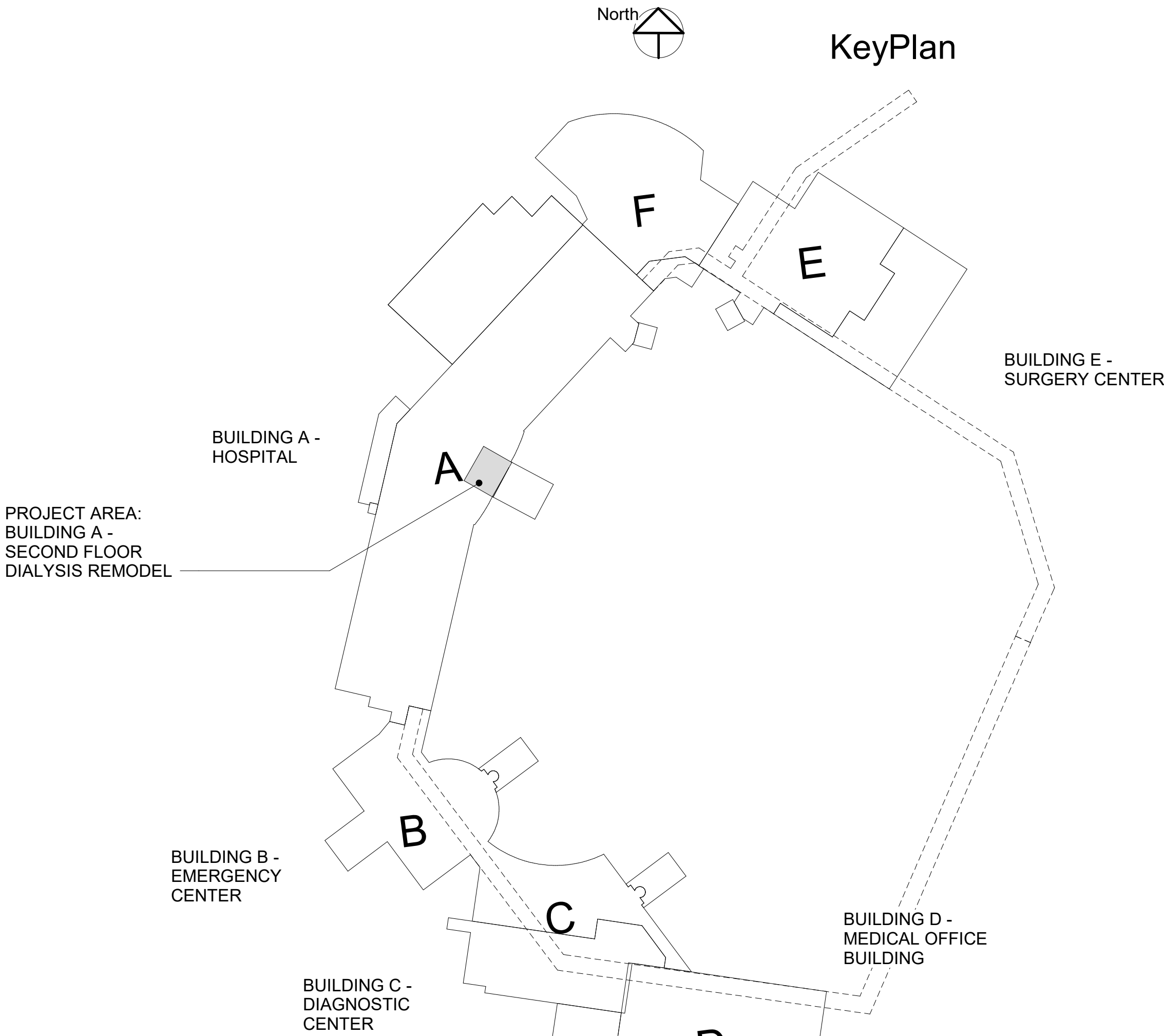
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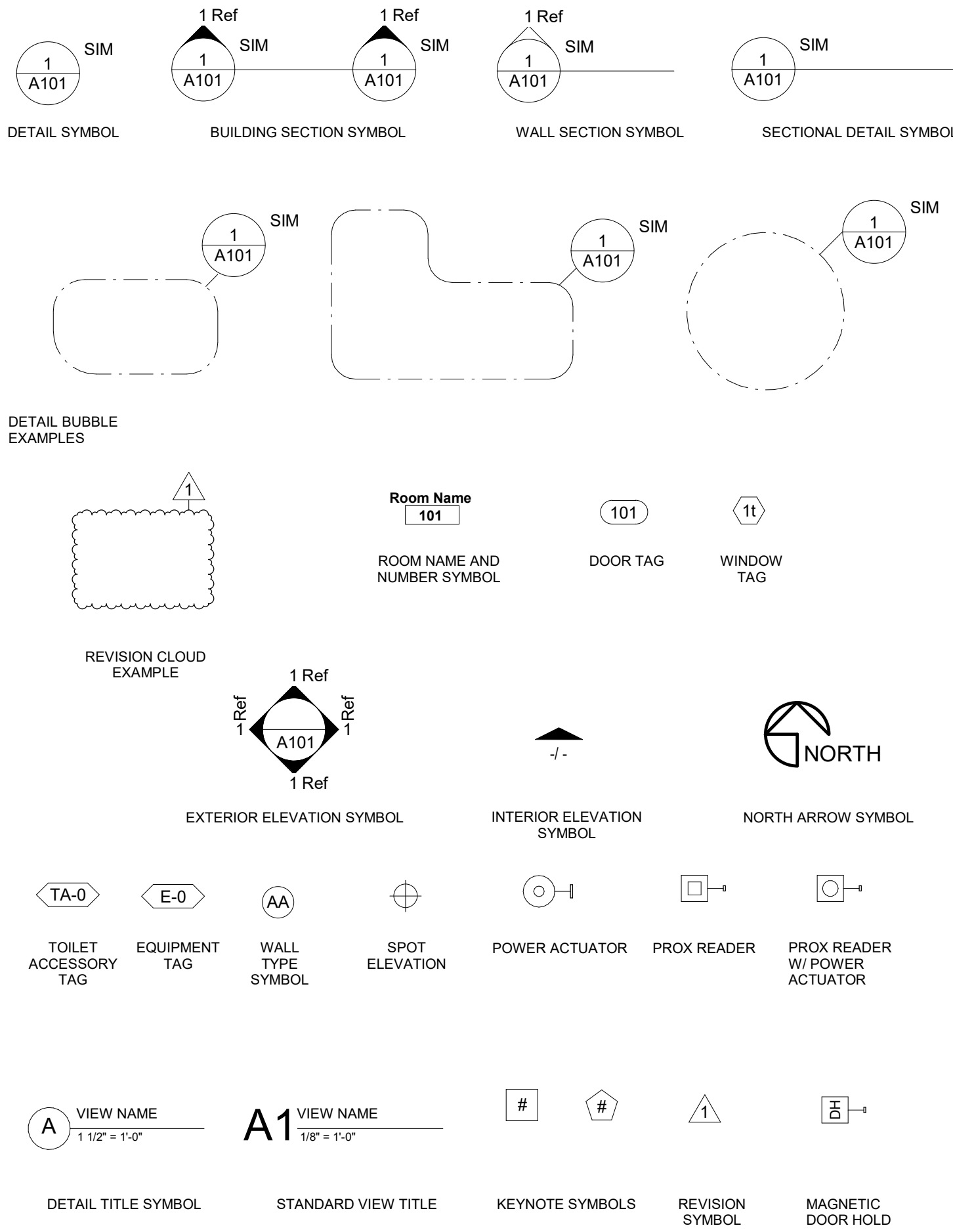
ABBREVIATIONS

AC.	ACOUSTIC/ACOUSTICAL	FLOR.	FLUORESCENT	PTD.	PAINTED
ADD.	ADDENDUM	FTG.	FOOTING	PG.	PAGE
ADDN.	ADDITION	FND.	FOUNDATION	PLAM.	PLASTIC LAMINATE
ABC.	AGGREGATE BASE COURSE	FR.	FRAME	PR.	PAIR
AFF.	ABOVE FINISH FLOOR	F.H.C.	FIRE HOSE CAB.	PNL.	PANEL
AGG.	AGGREGATE	FV.	FIELD VERIFY	PTN.	PARTITION
ANC.	AIR CONDITIONING	GA.	GALVE	P.	PENNY
AL.	ALUMINUM	GL.	GLASS / GLAZING	PL.	PLATE
ALT.	ALTERNATE	GD.	GRADE	PLBG.	PLUMBING
A.B.	ANCHOR BOLT	G.	GRADE	PLYWD.	PLYWOOD
&	AND	G.	GRADE	GRAM.	GRAM
ARCH.	ARCHITECT	GRL.	GRILLE	PT.	POINT
ASP.	ASPHALT	GRD.	GRID	P.S.I.	POUNDS PER SQ. IN.
⊗	AT	GRD.	GROUND	P.S.F.	POUNDS PER SQ. FT.
ACT	ACOUSTIC CEILING TILE/PANEL	G.S.	GALVANIZED STEEL	P.C.	PRECAST
∠.	ANGLE	GYP.	GYPSUM BOARD	P.L.	PROPERTY LINE
		GWB/G.B.	GYPSUM BOARD		
BLKG.	BLOCKING	H.R.	HAND RAIL	R.	RISER, RISERS
BSMT.	BASEMENT	HDN.	HARDENER	RAD.	RADIUS
BM.	BEAM	HDW.	HARDWARE	R.D.	ROOF DRAIN
B.M.	BENCHMARK	HDWD.	HARDWOOD	RB.	RESILIENT BASE
BD.	BOARD	HTR.	HEATER	RE.	REFER TO
B.O.	BOTTOM OF BLDG.	HT.	HEIGHT	REG.	REGISTER
		H.P.	HIGH POINT	REQD.	REQUIRED
CABT.	CABINET	H.M.	HOLLOW METAL	REV.	REVISION
C.I.P.	CAST IN PLACE	HORIZ.	HORIZONTAL	RFG.	ROOFING
C.B.	CATCH BASIN	H.B.	HOSE BIB	RGL.	ROUGH
CEM.	CEMENT/CEMENTITIOUS	H.W.	HOT WATER	RM.	ROOM
CG.	CENTIGRAM	IN.	INCH / INCHES	RND.	ROUND
CM.	CENTIMETER	I.D.	INSIDE DIAMETER	R.O.	ROUGH OPENING
CL.	CENTER LINE	INSUL.	INSULATION	SCHED.	SCHEDULE
CER.	CERAMIC	INT.	INTERIOR	S.C.	SEALED CONCRETE
C.T.	CERAMIC TILE	INV.	INVERT	SCR.	SCREW
CHAN.	CHANNEL	JAN.	JANITOR	SECT.	SECTION
CLR.	CLEAR	JT.	JOINT	SEL.	SELECT
C.O.	CLEAN OUT	JST.	JOIST	SHG.	SHEATHING
CLOS.	CLOSET	K.P.	KICK PLATE	SHT.	SHEET
COL.	COLUMN	LAM.	LAMINATED	SDG.	SIDING
CONC.	CONCRETE	LB.	POUND	SLG.	SILDING
CONN.	CONNECTION	LDG.	LANDING	SM.	SMOOTH
CONST.	CONSTRUCTION	LTH.	LATH	SPEC.	SPECIFICATION
C.J.	CONTROL JOINT	LAV.	LAVATORY	SQ.	SQUARE
CONT.	CONTINUOUS	LOC.	LOCATION	STD.	STANDARD
CONTR.	CONTRACTOR	L.O.	LENGTH	S.S. /	S.S. /
CORR.	CORRUGATED	LOC.	LOCATION	ST.STL.	STAINLESS STEEL
CTR.	COUNTER	L.T.	LIGHT	STRUC.	STRUCTURE
CTSK.	COUNTERSUNK	L.W.C.	LIGHT WEIGHT CONCRETE	SUSP.	SUSPENDED
C.M.U.	CONCRETE MASONRY UNIT	LVR.	LOUVER	SW.BD.	SWITCHBOARD
		LOC.	LOCATION	SVS.	SYSTEM
D.P.	DAMP PROOFING	M.O.	MASONRY OPENING	T.	TREAD
DB.	DECIBEL	MATL.	MATERIAL	T.C.	TOP OF CURB
DIAG.	DIAGONAL	MFR.	MANUFACTURER	T.G.	TEMPERED GLASS
DIAM.	DIAMETER	MB.	MARKER BOARD	T.O.P.	TOP OF
DM.	DIMENSION	MAX.	MAXIMUM	T.S.D.	TOP OF STEEL DECK
DISP.	DISPENSER	MECH.	MECHANICAL	T.W.	TEACHERS WARDROBE
DWL.	DOWEL	MTL.	METAL	TYP.	TYPICAL
DOWN.	DOWN	M.L.	METAL LATH		
D.S.	DOWNSPOUT	M.	METER	U.O.N.	UNLESS OTHERWISE NOTED
DWG.	DRAWING	MIN.	MINIMUM		
		M.DG.	MOLDING	V.	VENT
EA.	EACH	MULL.	MULLION	VERT.	VERTICAL
ELEC.	ELECTRIC	N.G.	NATURAL GRADE	V.G.	VERTICAL GRAIN
E.W.C.	ELECTRIC WATER COOLER	NOM.	NOMINAL	VEST.	VESTIBULE
EL.	ELEVATION	N.T.S.	NOT TO SCALE	V.C.T.	VINYL COMPOSITION TILE
ELEV.	ELEVATOR	NO. / #	NUMBER	VCP	VITREOUS CLAY PIPE
EQ.	EQUAL				
EQUIP.	EQUIPMENT				
EXH.	EXHAUST				
EXPAN.	EXPANSION				
E.J.	EXPANSION JOINT				
EXST.	EXISTING				
EXT.	EXTERIOR				
FT.	FEET / FOOT				
FIN.	FINISH				
FKT.	FIXTURE				
FL.	FLASHING				
FUR.	FLOOR				
F.D.	FLOOR DRAIN				

LOCATION PLAN



SYMBOLS



GENERAL NOTES

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH A.D.A. REQUIREMENTS AND ALL APPLICABLE LOCAL, STATE, AND FEDERAL BUILDING CODES AND REGULATIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY BUILDING PERMITS.
- THE GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL FIELD VERIFY EXISTING CONDITIONS AND NOTIFY THE ARCHITECT OF ANY INCONSISTENCIES OR DISCREPANCIES WITH THE PROJECT DOCUMENTS. ACCESS TO THE SITE AND/OR SPACE UNDER CONSTRUCTION DURING BIDDING AND CONSTRUCTION SHALL BE COORDINATED WITH THE OWNER.
- DO NOT SCALE DRAWINGS.
- THE WORD "ALIGN" AS USED IN THESE DOCUMENTS SHALL SUPERSEDE ANY DIMENSIONAL INFORMATION GIVEN.
- TYPICAL DIMENSIONS ARE TO FACE OF CONCRETE, DRYWALL, CURTAIN WALL, ETC., OR TO COLUMN CENTERLINE. DIMENSIONS AT WINDOWS ARE TYPICALLY TO FACE OF FRAME. REFER TO PLAN DETAILS FOR ADDITIONAL INFORMATION.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR EXAMINING AND CONFIRMING ALL SUBSTRATE CONDITIONS WHERE NEW MATERIALS ARE APPLIED. THE SUBSTRATE SHALL BE SMOOTH AND FREE OF DEFECTS AND SHALL CONFORM TO THE REQUIREMENTS OF THE FINISHED MATERIAL MANUFACTURERS RECOMMENDATIONS.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR CLEAN-UP.
- THE GENERAL CONTRACTOR SHALL INSPECT AND CHECK THE ADEQUACY AND INSTALLATION OF THROUGH-WALL FLASHING PRIOR TO COVERING WITH FINISH MATERIALS. THIS SHALL INCLUDE, BUT IS NOT LIMITED TO, INSPECTION AGAINST HOLES OR PENETRATIONS, APPROPRIATE LAPPING AND SEALING, AND OVERALL WORKMANSHIP IN CONFORMANCE WITH THE SPECIFICATIONS.

SHEET INDEX

SHEET NUMBER	SHEET NAME
GENERAL	
A0.1	COVER SHEET
A0.2	LIFE SAFETY PLAN
A0.3	L.I.L. DESIGN ASSEMBLIES
DEMOLITION	
AD	DEMOLITION PLAN
ARCHITECTURE	
A2.1	FIRST FLOOR DIMENSION PLAN
PLUMBING	
P100	FIRST FLOOR PLUMBING PLANS
ELECTRICAL	
E100	FIRST FLOOR POWER-SYSTEMS PLAN

Saint Luke's
East Hospital

Dialysis Storage

100 NE SAINT LUKE'S BLVD.
LEE'S SUMMIT, MO 64086

Date	7.10.2024
Job Number	3-19043
Drawn By	BD
Checked By	WC

Number	Date	Description
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Revision	

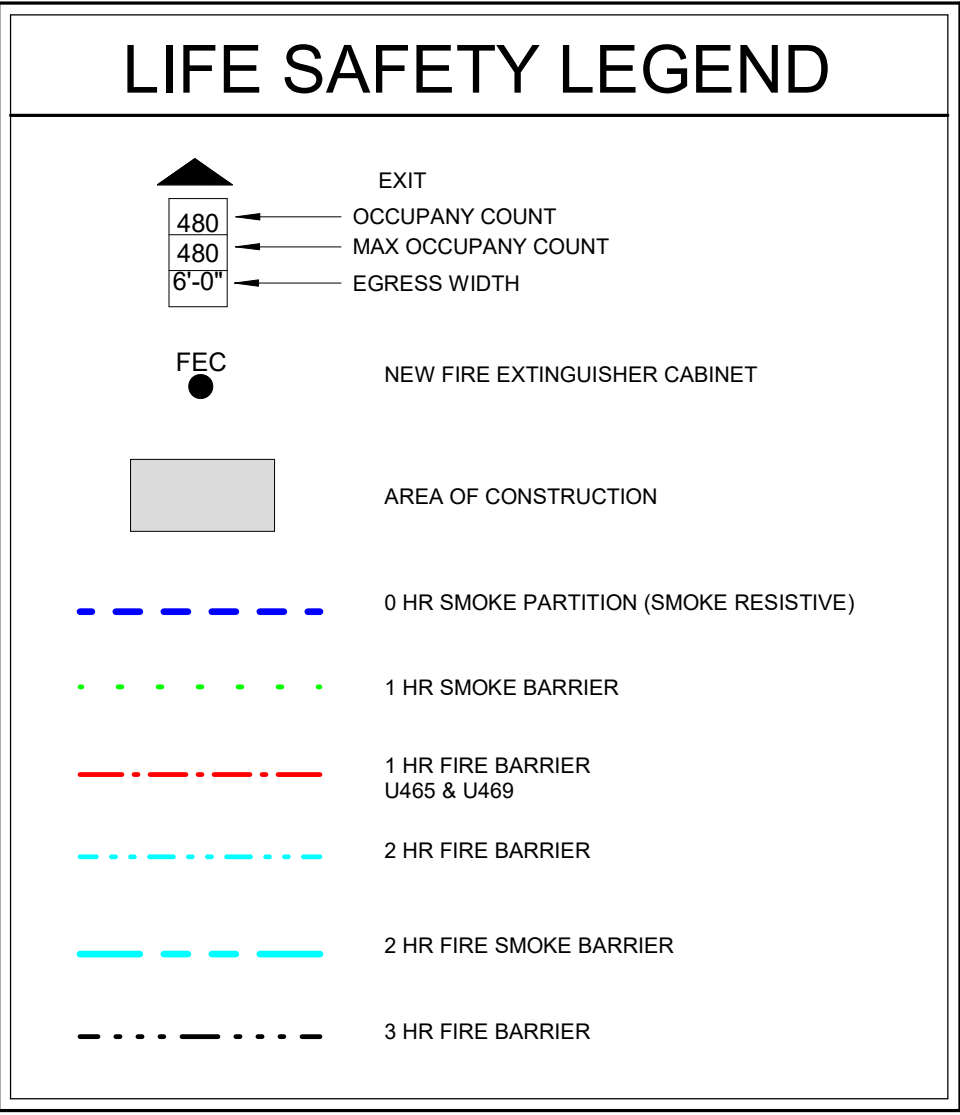
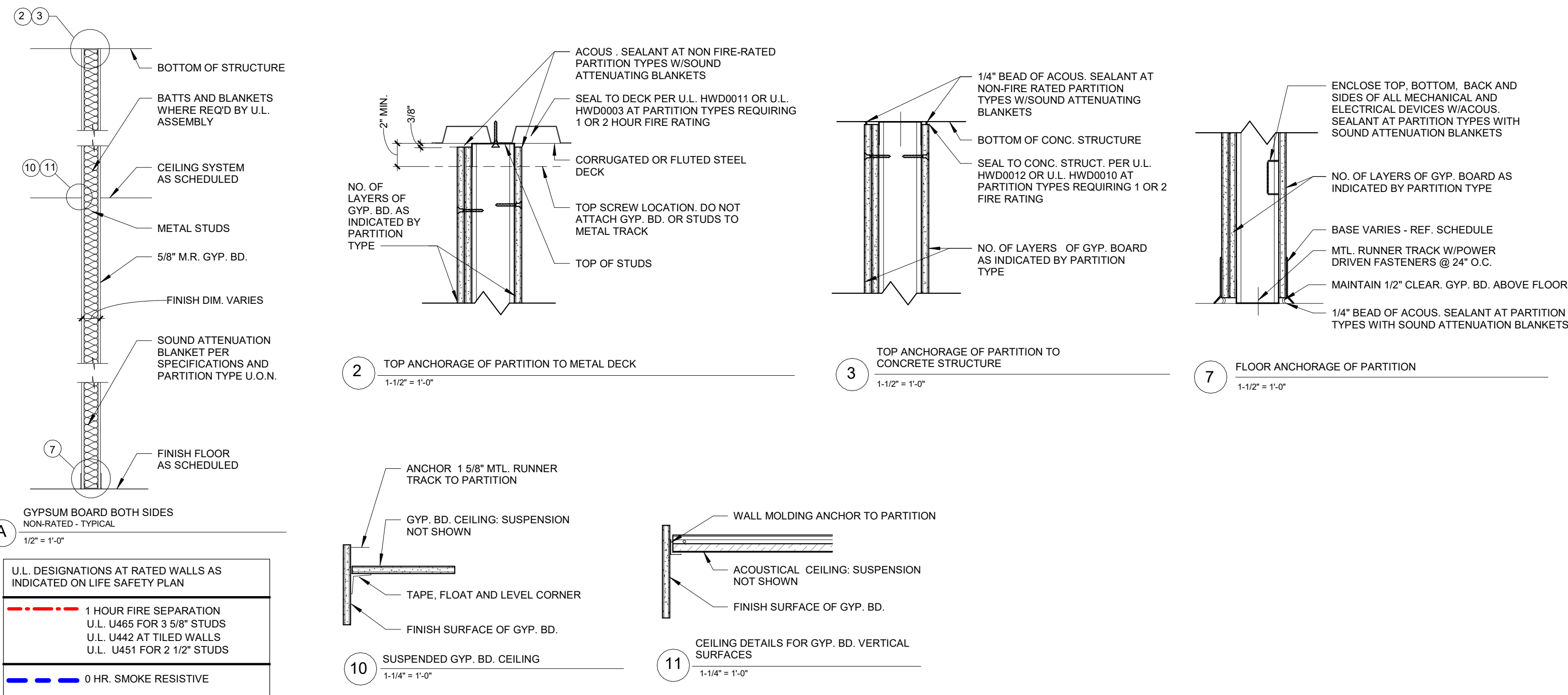
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PARTITION GENERAL NOTES

- UNLESS NOTED OTHERWISE, ALL INTERIOR METAL STUDS ARE 3/8" THICK. REFER TO SUFFIX SCHEDULE BELOW FOR LOCATIONS OF METAL STUDS OTHER THAN 3/8" THICK. NOTE: STUD THICKNESS (GAUGE) MUST CONFORM TO MANUFACTURERS RECOMMENDATIONS FOR SPAN (HEIGHT OF STUD).
- WHERE THE PARTITION TYPE INDICATION IS SHOWN WITH A NUMERICAL SUFFIX, THE METAL STUD THICKNESS SHALL BE AS SCHEDULED BELOW:

SUFFIX	MTL. STUD THICKNESS
1	1-5/8" MTL. STUDS
2	2-1/2" MTL. STUDS
3	6" MTL. STUDS
- UNLESS NOTED OTHERWISE, ALL INTERIOR DRYWALL PARTITIONS INDICATED ON THE FLOOR PLAN DRAWING ARE TYPE 'A' PARTITIONS. WHERE OCCURS, RATINGS ARE AS INDICATED ON THE LIFE SAFETY PLANS.
- UNLESS NOTED OTHERWISE, ALL CMU PARTITIONS ARE 7-5/8", 8" NOMINAL. REFER TO SUFFIX SCHEDULE BELOW FOR LOCATIONS OF CMU PARTITIONS OTHER THAN 8" NOMINAL.
- ALL STUDS ARE CONTINUOUS FROM FLOOR STRUCTURE TO CEILING STRUCTURE UNLESS NOTED OTHERWISE.
- METAL STUDS ARE SPACED @ 16" O.C. MAX., UNLESS NOTED OTHERWISE.
- UNLESS NOTED OTHERWISE, ALL GYPSUM BOARD IS TO BE 5/8" THICK "FIRECODE".
- THE LOCATION OF A CHANGE IN THE PARTITION TYPE IS INDICATED BY A WALL TAG.

U.L. DESIGNATIONS AT RATED WALLS AS INDICATED ON LIFE SAFETY PLAN
1 HOUR FIRE SEPARATION U.L. U465 FOR 3 5/8" STUDS
U.L. U442 AT TILED WALLS
U.L. U451 FOR 2 1/2" STUDS
0 HR. SMOKE RESISTIVE
- THE CORRESPONDING RATED ASSEMBLIES ARE INDICATED BELOW THE PARTITION TYPES.
- PARTITION TYPE DESIGNATIONS ARE INDICATED ON THE FLOOR PLAN DRAWINGS.
- PARTITION TYPES DO NOT INCLUDE APPLIED FINISHES CALLED FOR IN THE ROOM FINISH SCHEDULE.
- AT PARTITION TYPES WHERE MTL. STUDS ARE EXPOSED ON ONE OR BOTH SIDES, CUT STUD 1/4" SHORT AND SCREW BOTH SIDES TO MTL. RUNNER TRACK.
- MOISTURE RESISTANT GYP. BD. AT ALL WALL PARTITIONS



CODE SUMMARY

Project Construction Purpose: Dialysis Storage Addition
Project Address: 100 NE Saint Luke's Boulevard
Owner Information: Saint Luke's East Hospital
100 NE Saint Luke's Boulevard
Lee's Summit, MO 64086
Designer Information: ACI Boland Architects
1710 Wyandotte St.
Kansas City, MO 64108
Phone: (816) 763-9600
Fax: (816) 763-9757
Local Authority: Lee's Summit Fire Department
Local Building Inspection: Lee's Summit, MO - Codes Administration Department
Code Information:
2018 International Building Code
2018 International Plumbing Code
2018 International Mechanical Code
2018 International Fire Code
2018 Fuel Gas Code
2017 National Electrical Code (NFPA 70)
2017 ICC/ANSI A117.1 as amended and adopted by the City of Lee's Summit
State of Missouri Dept. of Health & Environment references the following codes:
2012 NFPA 101 Life Safety Code (LSC)
2014 FGI Guidelines for Design & Construction of Hospitals & Outpatient Facilities
Note: If code requirements overlap, the most stringent shall apply. All code summary references list IBC section numbers. NFPA section numbers are in parentheses after or below.
Type of Construction: Type 1-A - Section 602.2
(Type 1 - 332 Sprinklered - Section 18.1.6.1)
I-2 - Section 308.3
(Healthcare - Section 6.1.5)
Building Occupancy Group: Storage
Area of Remodel: 128sf
Storage: 128 net
Occupant Load for Remodel: 128/300 = 1 Occupants
Storage: 128/300 = 1 Occupants
Required Egress Width Per Occupant Served: Section 1005.3.1 & 1005.3.2 (Table 7.3.3.1)
Stairways: 37" Occupant N/A
Other: 27" Occupant 48" provided
Required Fire Resistance Ratings (in hours): Table 601 (Table A.8.2.1.2)
Exterior Bearing Walls: N/A
Interior Bearing Walls: 0 HR
Exterior Non-bearing Walls: 0 HR
Interior Non-bearing Walls: 0 HR
Primary Structural Frame: 3 HR
Shaft Enclosure: 2 HR
Floor Construction: 2 HR
Roof Construction: 1 1/2 HR
Stairway Enclosure: 2 HR (IBC 1022.2)
Corridor Wall Construction: Section 407.3 (Section 18.3.6.2.3) Smoke Partition
Exit Access Travel Distance: Table 1017.2 (Section 18.2.6.2.1) 200 ft.
Smoke Compartments: Section 407.5.1 (Section 18.3.7.1) 22,500 s.f. max.
Active Fire Safety Features:
- Fire Alarm System - The fire alarm system is specified as an addressable type system. The device type and locations are per the applicable codes as well as ADA requirements.
- Smoke Control System - All ductwork penetrating smoke rated walls will have a smoke or combination fire/smoke damper as indicated on construction documents. These dampers will close upon detection of smoke by the area smoke detectors or duct smoke detectors in the air handling units.
- Fire Sprinkler System - Specified to be per NFPA 13. The sprinkler heads are specified to be quick response type.
- Emergency Lighting and Power - Emergency lighting, life safety and critical loads will receive power from a backup generator located in basement energy center.
- Illuminated Exit Signs

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Job Number 3-19043
Drawn By BD
Checked By WC

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Number Date Description

A0.2
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LIFE SAFETY PLAN

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1 LIFE SAFETY PLAN
1/16" = 1'-0"

DOOR SCHEDULE										
DOOR #	ROOM NAME	DOOR INFORMATION			FRAME INFORMATION		LABEL (MIN)	HARDWARE SET	OPENING DETAIL	
		WIDTH	HEIGHT	ELEV. MATL.	ELEV. MATL.				HEAD	JAMB
B280G	STORAGE	4'-0"	7'-0"	F	WD	1	HM	45 min	1	D3

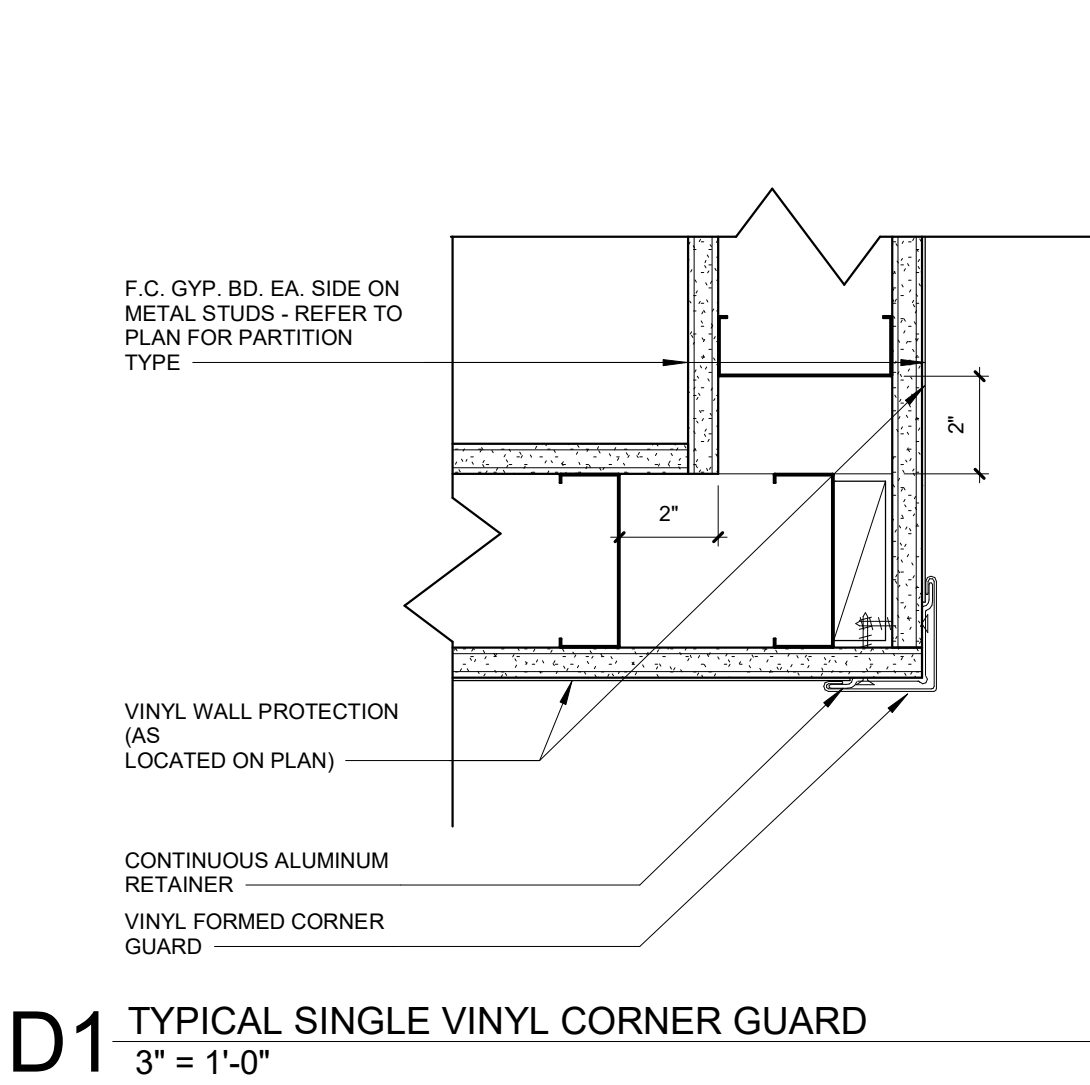
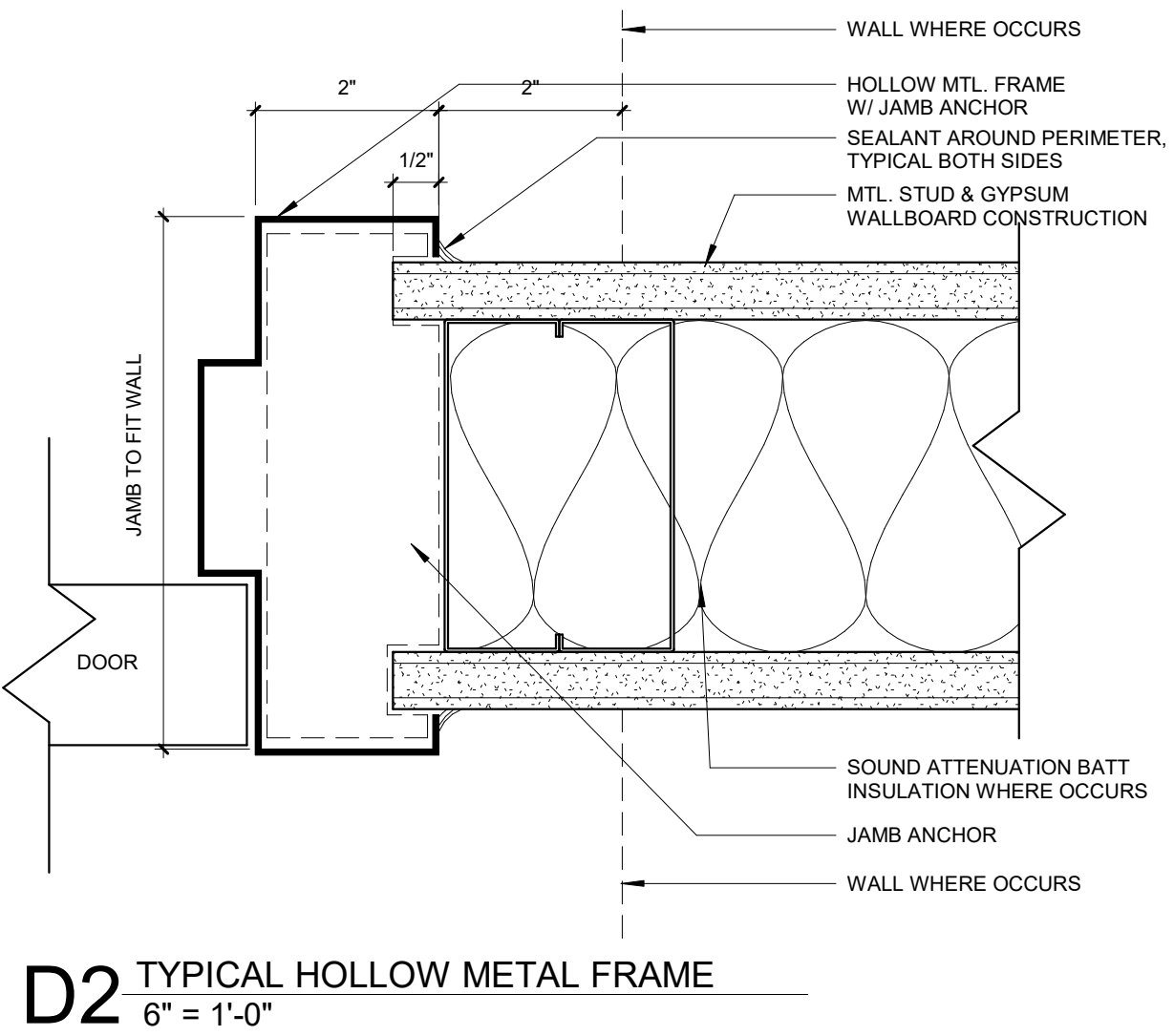
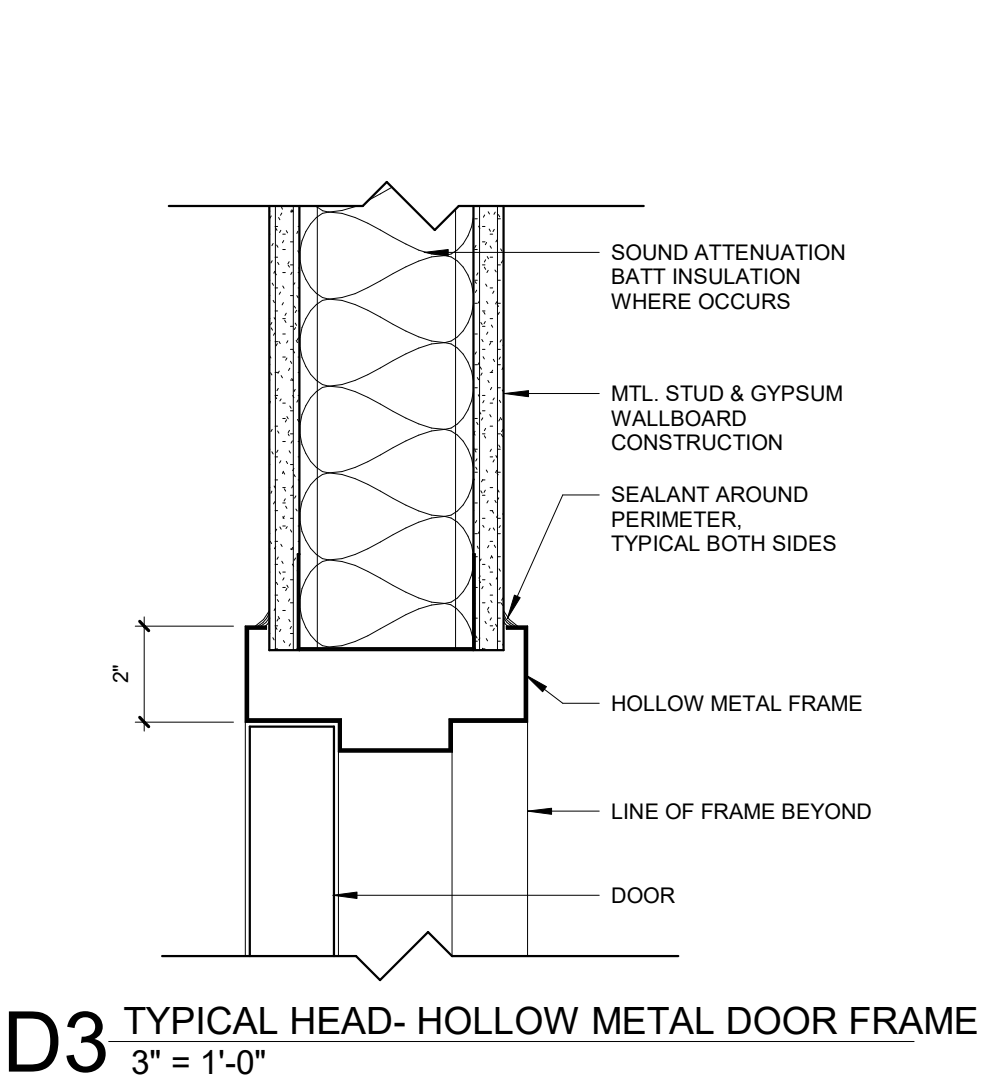
HARDWARE SET 01				
DOOR NUMBER: B280E, B280F				
QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3 EA	HINGE	5B81HWS4.5	652	IVE
1 EA	STICKER/ROOM LOCK	NB00LD RH0	626	SCH
1 EA	CYLINDER	BY OWNER	626	SCH
1 EA	ELEC. STRIKE	6211 FSE	630	VON
1 EA	AUTO OPERATOR	SW200	689	BES
1 EA	PRESENCE SENSOR	SUPERSCAN		BEA
1 EA	PROTECTION PLATE	8400 10X12LDW B-CS	630	IVE
1 EA	WALL STOP	WS406/407CCV	630	IVE
1 EA	GASKETING	4855SK PSA	6K	ZER
1 EA	DOOR CONTACT	679-05	WHT	SCE
2 EA	ACTUATOR	1P851	630	BEA
1 EA	NOTE:	CARD ACCESS & POWER SUPPLY BY OTHERS		

DIALYSIS SIDE OPERATION: DOOR NORMALLY CLOSED & LOCKED. VALID CARD READ RELEASES ELEC. STRIKE & ENERGIZES ACTUATOR.
STORAGE SIDE OPERATION: DOOR CAN BE MANUALLY PULLED OPENED BY TURNING LEVER.

FRAME & DOOR ELEVATIONS:

DOOR & FRAME MATERIAL LEGEND	
HM	HOLLOW METAL
WD	SOLID CORE WOOD

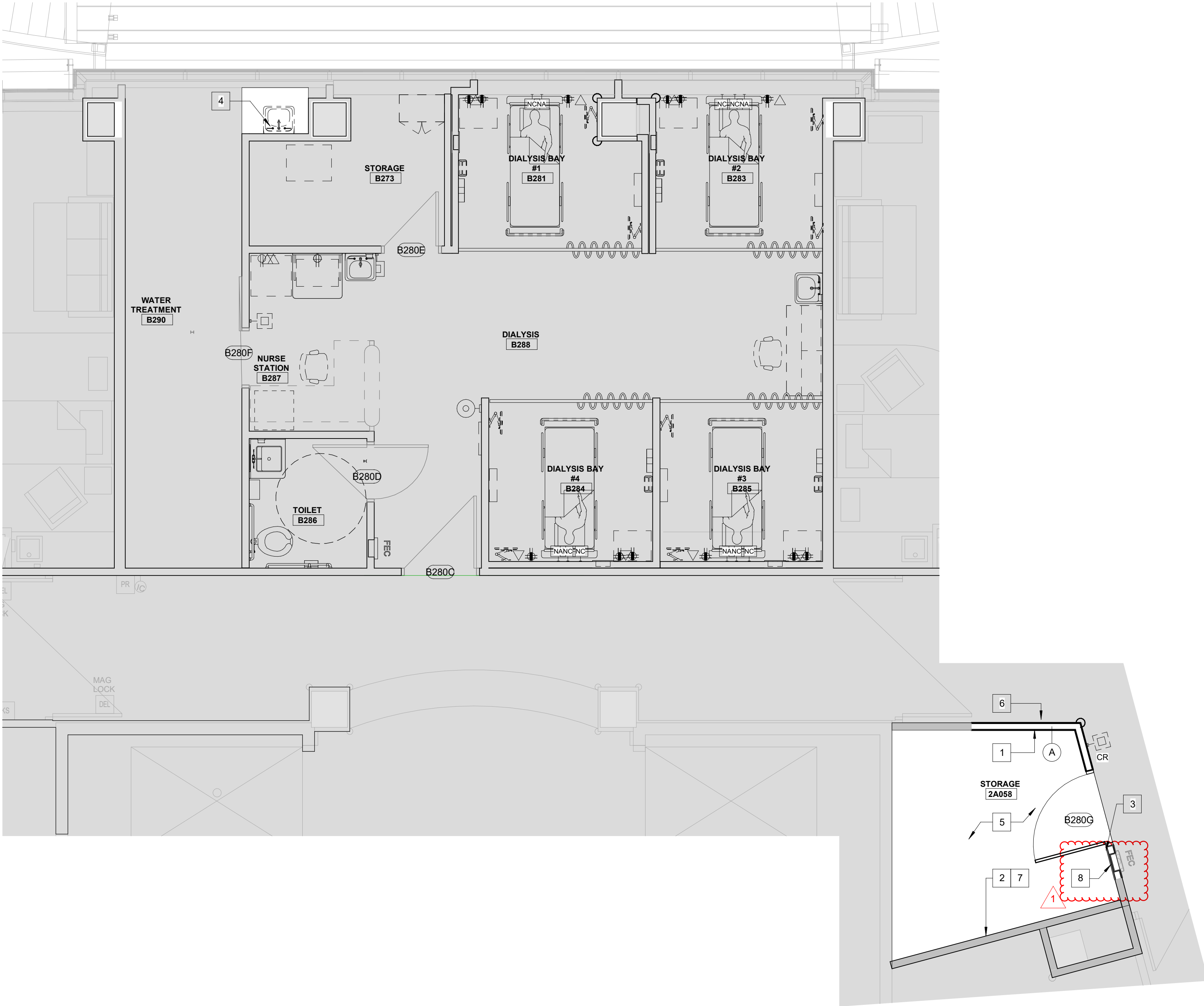
GENERAL DOOR & FRAME NOTES	
1.	MATCH ALL HARDWARE FINISH & TYPE TO BUILDING
2.	ALL DOORS AND FRAMES TO MATCH EXISTING FINISH SCHEDULE



NEW WORK LEGEND	
	NO CONSTRUCTION IN HATCHED AREA
	EXISTING TO REMAIN
	NEW WALL CONSTRUCTION
	EXISTING DOOR, FRAME AND HARDWARE TO REMAIN
	NEW DOOR AND FRAME
	WALL TYPE, RE: A0.1
	KEYNOTE, RE: A2.1
	DOOR TYPE, RE: A3.1

KEYNOTES - FLOOR PLAN	
NUMBER	COMMENTS
1	NEW 1-HR FIRE RATED WALL INFILL, MATCH ADJACENT CONSTRUCTION AND FINISH. ALIGN NEW WALL WITH EXISTING CEILING SOFFIT.
2	POWER STRIP ALONG LENGTH OF WALL
3	ALIGN NEW DOOR WITH EDGE OF EXISTING FRAMING
4	NEW EYEWASH STATION AT EXISTING SINK
5	CONFIRM EXISTING WALLS MEET 1-HR RATING. MODIFY AS NEEDED TO MEET UL REQUIREMENTS
6	PAINIT AND INSTALL NEW BASE AT NEW WALL TO MATCH ADJACENT FINISHES
7	REMOVE EXISTING MONITOR AND SALVAGE FOR OWNER. REPLACE WALL OUTLETS WITH BLANK PLATES
8	1-HR RATED, SEMI-RECESSED FIRE EXTINGUISHER CABINET BASED ON J. AMBASSADOR 1016V10-FX2™ SEMI-RECESSED 10 LBS. FIRE EXTINGUISHER CABINET IN ACCORDANCE WITH UL-1479

GENERAL FLOOR PLAN NOTES	
1.	ALL PARTITIONS ARE TYPE 'A' UNLESS NOTED OTHERWISE
2.	ALL NEW PARTITIONS TO BE INSULATED WITH SOUND ATTENUATION BATT INSULATION
3.	COORD. ALL WALL MOUNTED MEP DEVICES WITH MEP DRAWINGS. MOCK-UP ALL LOCATIONS FOR OWNER APPROVAL PRIOR TO INSTALL GYP. BOARD

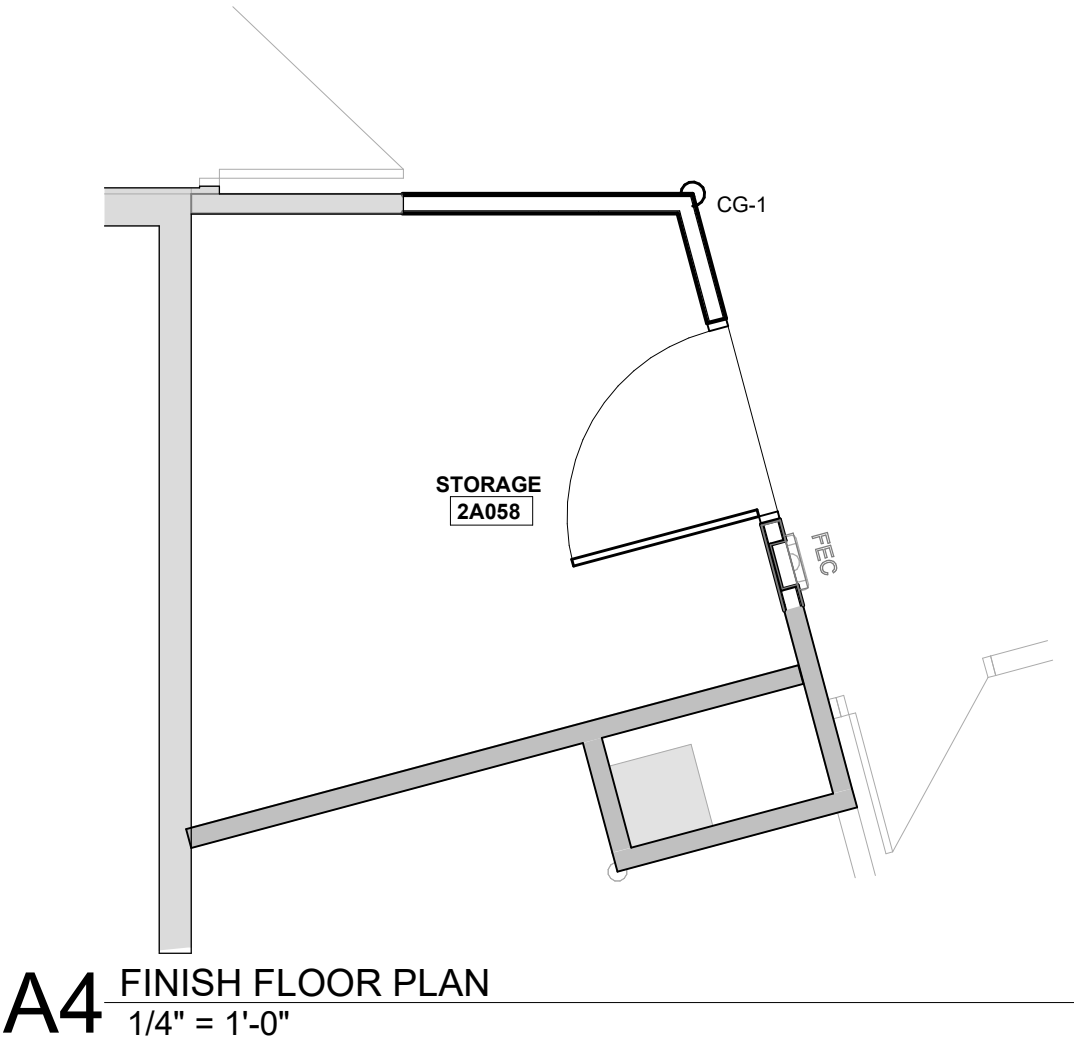
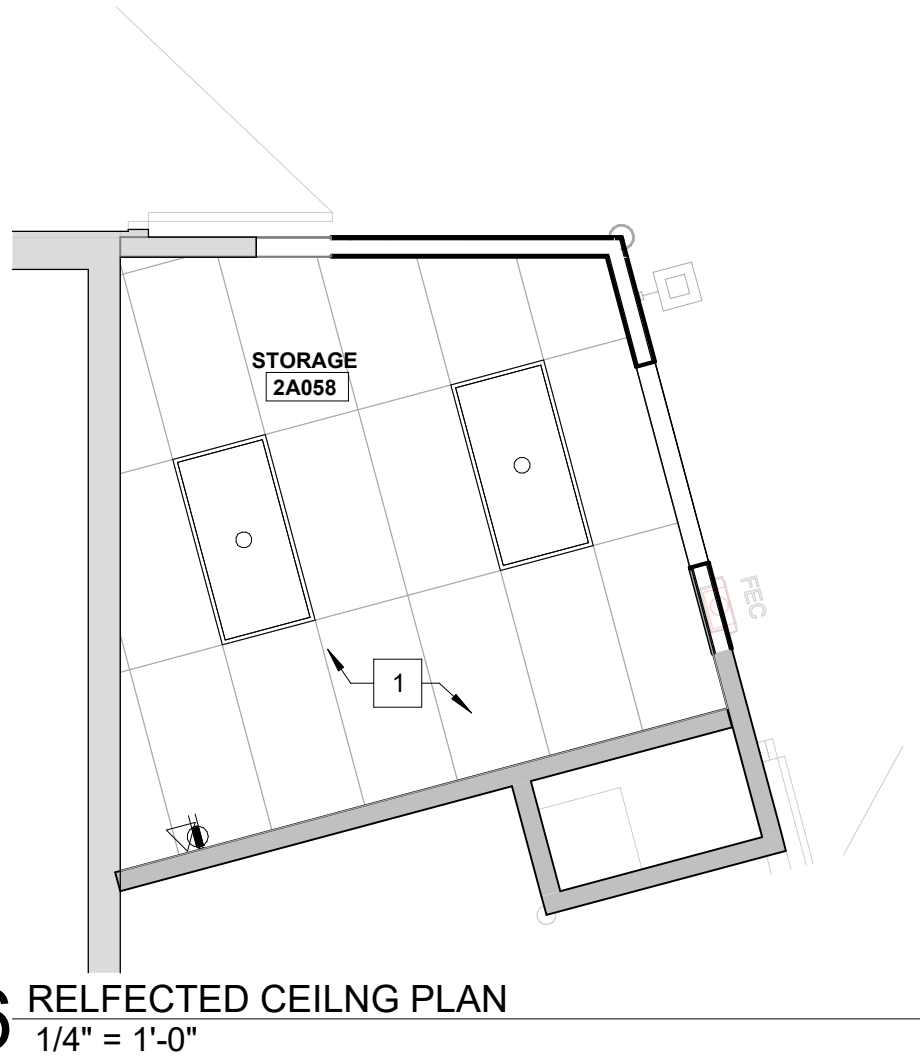


ROOM FINISH SCHEDULE										
ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALLS				CASEWORK		
				NORTH	EAST	SOUTH	WEST	BASE CABINETS	UPPER CABINETS	COUNTER TOPS
B280G	STORAGE	SV-1	RWB-2	P-1WP-2	P-1WP-2	P-1WP-2	P-1WP-2	-	-	ETR

INTERIOR FINISH LEGEND						
MARK	ITEM	MANUFACTURER	MODEL/ PATTERN	COLOR	SIZE	REMARKS
FLOOR	SV-1	SHEET VINYL	ARMSTRONG	MEDITONE H5311	NATURAL WHITE	6'x11'
BASE	RWB-2	RUBBER WALL BASE	ROPPE	PINNACLE	#110 BROWN	4" COVE
WALL	P-1	PAINT - EGGSHELL FINISH	SHERWIN WILLIAMS	-	SW7036 ACCESSIBLE BEIGE	FIELD PAINT
CEILING	ACT-1	ACOUSTIC CEILING TILE	USG	RADAR CLIMA PLUS #2210	WHITE	24"x24"
MISC.	CG-1	CORNER GUARD	C/S ACROVYN	SM-20AN	#858 PLUMICE	3" WING, 90 DEG.
	WP-2	WALL PROTECTION	C/S ACROVYN	ACROVYN 4000	#858 PLUMICE	1/4" THICK

GENERAL ROOM FINISH SCHEDULE NOTES	
A	REFER TO FINISH PLAN AND INTERIOR ELEVATIONS FOR WALL FINISHES, WALL PROTECTION, CORNER GUARDS, WINDOW TREATMENTS, FLOOR FINISH APPLICATION AND LOCATIONS
B	ALL SOLID WOOD, WOOD VENEER, AND PLASTIC LAMINATE GRAIN SHALL BE VERTICALLY ORIENTED UNLESS OTHERWISE NOTED
C	DOOR FRAMES, HOLLOW METAL WINDOW FRAMES TO BE P-1 UNLESS OTHERWISE NOTED
D	EXTEND ALL FINISHES BENEATH, BEHIND, AROUND ALL CASEWORK, EQUIPMENT, SIGNAGE, ETC
E	WALL EXPANSION JOINTS TO BE P-1 UNLESS OTHERWISE NOTED
F	ALL ELECTRICAL PANELS AND METAL GRILLES SHALL BE PTD TO MATCH ADJACENT WALL SURFACE UNLESS OTHERWISE NOTED
G	ALL COLUMN SURROUND FINISHES TO MATCH ADJACENT WALL SURFACE UNLESS OTHERWISE NOTED
H	WHERE A WALL IS INDICATED TO HAVE PARTIAL OR FULL HT WALL PROTECTION, THE ENTIRE WALL IS TO BE PTD PRIOR TO WALL PROTECTION INSTALLATION

FINISH FLOOR PLAN LEGEND	
	WALL TREATMENT
	FLOOR TRANSITION
	CORNER GUARD (CG-1)



A3 FLOOR PLAN
1/4" = 1'-0"

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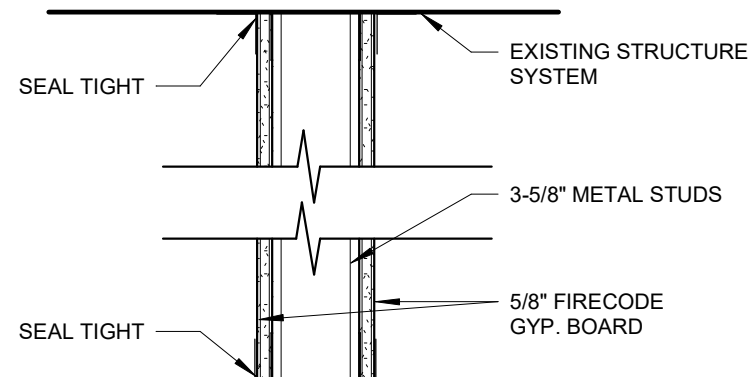
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FIRST FLOOR DIMENSION PLAN

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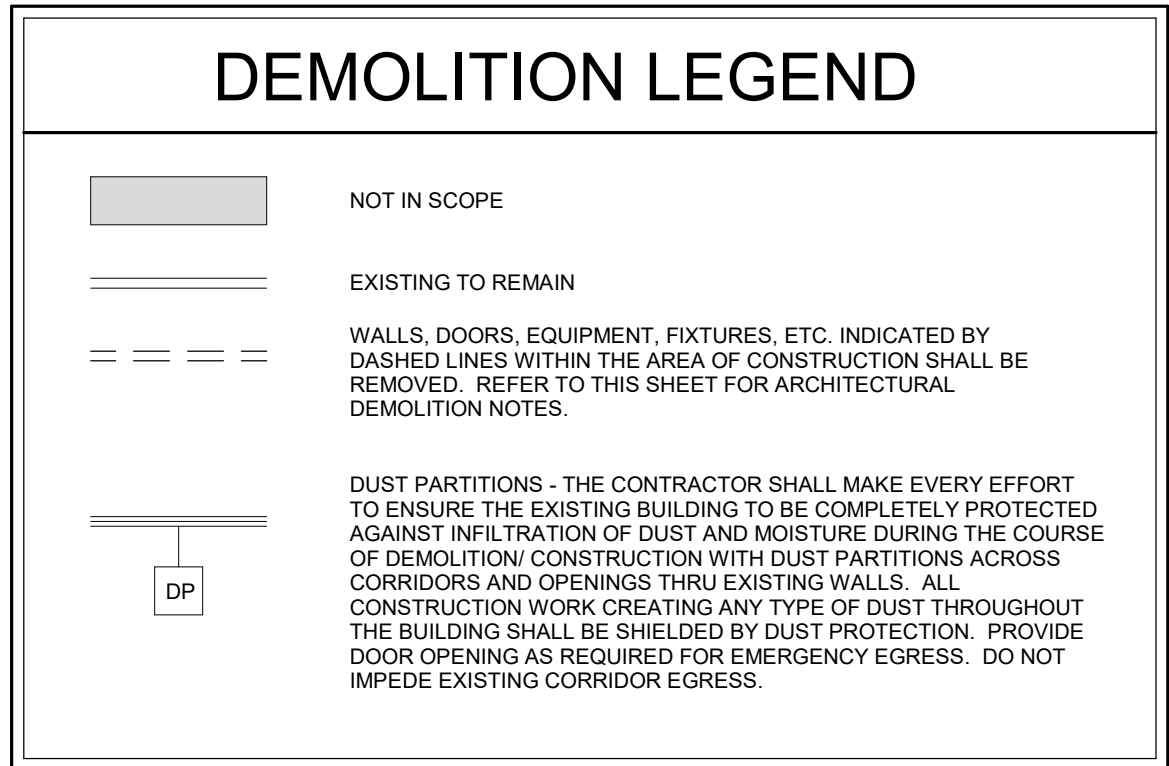
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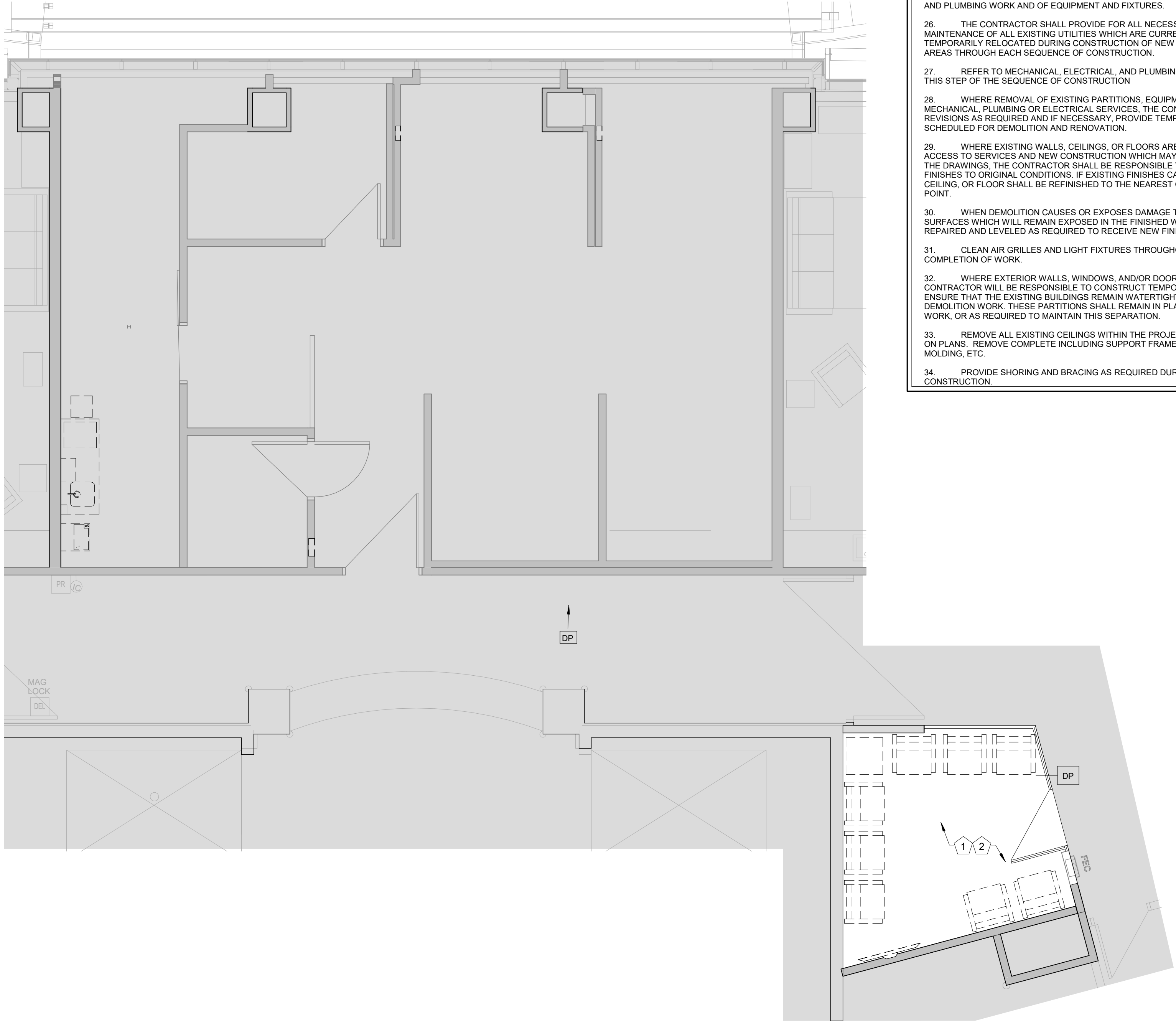
WHERE DUST PARTITIONS ARE TO REMAIN THROUGH CONSTRUCTION, THEY SHALL BE CONSTRUCTED OF 3-5/8" METAL STUDS WITH CONTINUOUS TOP AND BOTTOM RUNNERS. PARTITIONS SHALL EXTEND TIGHT FROM FLOOR TO THE EXISTING CEILING OR STRUCTURE ABOVE, AND CORDED AROUND DUCTS, PIPES, ETC., THAT PENETRATE THE PARTITION. THE ENTIRE PARTITION SHALL BE COVERED WITH 5/8" FIRE RATED GYP. BOARD SCREWED TO STUDS. ALL JOINTS BETWEEN SHEATHING, AT WALLS, AT FLOORS, CEILINGS, AROUND PIPES, ETC., TAPED AND SEALED TIGHT TO ENSURE DUST-PROOFING.

THE CONTRACTOR SHALL COVER AND SEAL IN A DUST-TIGHT MANNER ALL EXISTING OPENINGS, GRILLES, JOINTS AROUND DOORS AND FRAMES, ETC., WITH FIRE RETARDANT SHEET AND/OR TAPE AS APPROPRIATE WHERE SUCH OPENINGS, ETC., OCCUR IN EXISTING PARTITIONS SEPARATING EXISTING AREAS FROM CONSTRUCTION AREAS. THE CONTRACTOR SHALL MAINTAIN AND REPAIR ANY DUST BARRIERS AS DETERMINED BY, AND TO THE SATISFACTION OF, THE OWNER.

SMOKE TIGHT NON-COMBUSTIBLE CONSTRUCTION PARTITION
1 1/2" = 1'-0"



KEYNOTES - DEMO PLAN	
NUMBER	COMMENTS
1	REMOVE EXISTING FURNITURE AND ALL WALL MOUNTED EQUIPMENT/ACCESSORIES - TURN OVER TO STAFF
2	REMOVE EXISTING FLOORING AND BASE TO COORDINATE WITH NEW CONSTRUCTION



GENERAL DEMOLITION NOTES

- PRIOR TO SUBMITTING BID, CONTRACTOR MUST VISIT THE JOB SITE AND BECOME FULLY ACQUAINTED WITH THE EXISTING CONDITIONS OF THE PROJECT. REVIEW GENERAL NOTES, SPECIFICATIONS AND ALL APPLICABLE DRAWINGS FOR ADDITIONAL REQUIREMENTS THAT MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY ARCHITECT, ENGINEER OR OWNER, AS DEFINED IN BID DOCUMENTS, OF CONFLICTS OR DISCREPANCIES PRIOR TO SUBMITTING BID. ADDITIONAL COMPENSATION WILL NOT BE PAID FOR LACK OF SUCH DETERMINATION, FAMILIARIZATION, AND/OR ALLOWANCE.
- EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND SITE VISITS AND MAY NOT REFLECT ACTUAL AS-BUILT CONDITIONS.
- COORDINATE NEW WORK AND DEMOLITION WITH OTHER DISCIPLINES AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
- ONLY THE PORTIONS OF THE BUILDING AFFECTED BY THE SCOPE OF THE PROJECT HAVE BEEN SHOWN. INFORMATION SHOWN AS EXISTING TO REMAIN IS NOT BEING MODIFIED AS PART OF THIS PROJECT.
- ALL WORK SHALL BE PERFORMED SO AS TO NOT INTERRUPT SERVICE. THE CONTRACTOR SHALL PROPERLY NOTIFY THE LANDLORD, THE LEASER AND ADJACENT TENANTS A MINIMUM OF 48 HOURS IN ADVANCE BEFORE PROCEEDING WITH THIS WORK.
- EQUIPMENT AND CONDUIT TO BE REMOVED SHALL BE KEPT FOR REINSTALLATION DURING THE CONSTRUCTION PHASE WHEN POSSIBLE AND/OR INDICATED ON THE DRAWINGS. AVOID DAMAGE TO SALVAGED EQUIPMENT AND CONDUIT DURING DEMOLITION PHASE. PROPERLY DISPOSE OF WIRING AND MATERIAL THAT ARE REMOVED AND ARE NOT REQUESTED TO BE SALVAGED.
- REMOVE ALL UNUSED AND DEMOLISHED EQUIPMENT AND ASSOCIATED MATERIALS FROM SITE. ABANDONING UNUSED PORTIONS WILL NOT BE ACCEPTABLE.
- AVOID DAMAGING EXISTING SURFACES AND EQUIPMENT TO REMAIN. REPAIR DAMAGE CAUSED DURING WORK AT NO EXTRA COST TO THE OWNER.
- PATCH ALL OPENINGS IN AREAS THAT REMAIN TO MATCH ADJACENT SURFACES AFTER EXISTING EQUIPMENT IS REMOVED AND VACATED.
- FIRE ALARM SYSTEMS NOT ASSOCIATED WITH THE DEMOLITION SHALL BE LEFT IN SERVICE AS APPLICABLE.
- THE OWNER SHALL VACATE THE EXISTING ROOMS TO BE DEMO'D AND BE RESPONSIBLE FOR THE REMOVAL OF ANY EQUIPMENT WHICH IS TO REMAIN THE PROPERTY OF THE OWNER PRIOR TO ANY WORK DONE BY THE CONTRACTOR FOR THIS PORTION OF THE SEQUENCE.
- GENERAL CONTRACTOR RESPONSIBLE TO ISOLATE CONSTRUCTION AREAS TO AVOID DISRUPTION TO OTHER BUILDING TENANTS AND CONTAIN DUST. DO NOT USE BUILDING LOBBY FOR ANY REASON PERTAINING TO DEMOLITION AND CONSTRUCTION.
- INSTALL TEMPORARY DUST PROTECTION/PARTITION TO CONTAIN DEMOLITION/ CONSTRUCTION DUST AND DEBRIS WITHIN THE AREA OF CONSTRUCTION. REFER TO DUST PARTITION 'DP' ON THIS SHEET.
- IT IS THE INTENT OF THIS DEMOLITION TO REMOVE ALL EXISTING CONSTRUCTION WHICH CONFLICTS WITH THE INTENT OF THE NEW CONSTRUCTION. EVERY DEMOLITION DETAIL MAY NOT NECESSARILY BE COVERED ON THESE DRAWING FIELD VERIFY THE EXTENT OF ALL DEMOLITION.
- THE CONTRACTOR SHALL USE EXTREME CARE IN THE PROTECTION OF ALL ADJACENT AREAS FOR IT IS IMPERATIVE TO PROVIDE CONTINUOUS OPERATION OF ALL OCCUPIED AREAS DURING THE DEMOLITION CONSTRUCTION AND RENOVATION WITHIN THIS AND ALL SEQUENCES OF CONSTRUCTION.
- ALL PARTITIONS, DOORS, EQUIPMENT, ETC., INDICATED BY DASHED LINES ON THIS PLAN SHALL BE REMOVED.
- ALL DEMOLITION DESCRIBED IN THESE DOCUMENTS SHALL BE COORDINATED WITH PHASING WORK REQUIRED TO COMPLETE THE WORK.
- THE CONTRACTOR SHALL COORDINATE ALL DEMOLITION WORK IN OCCUPIED SPACES AND SHALL NOTIFY OWNER TWO WEEKS PRIOR TO COMMENCING WORK. SUCH SPACES ARE TO REMAIN OCCUPIED DURING DEMOLITION AND ALL WORK SHALL BE PERFORMED IN SUCH A MANNER TO MINIMIZE DISRUPTION TO OCCUPIED SPACES. EXISTING FLOOR, WALL, AND CEILING FINISHES TO REMAIN SHALL BE PROTECTED AND ANY DAMAGE DONE AS A RESULT OF DEMOLITION WORK SHALL BE REPAIRED.
- IN AREAS SCHEDULED FOR DEMOLITION, THE CONTRACTOR SHALL REMOVE ALL ACCESSORIES, GRAB BARS, MIRRORS, SOAP AND PAPER TOWEL DISPENSERS, SHELVES, BULLETIN BOARDS, DOOR HARDWARE, ETC., SHALL BE TURNED OVER TO THE OWNER, EXCEPT FOR RELOCATED ITEMS.
- REMOVE AND DISCARD EXISTING FLOORING AND WALL COVERING THROUGHOUT AREA DESIGNATED FOR NEW CONSTRUCTION AND PREP EXISTING FLOOR AND WALL SUBSTRATE TO RECEIVE THE INSTALLATION OF NEW FINISH AS SCHEDULED.
- AT DISSIMILAR FLOOR ELEVATIONS, AFTER THE EXISTING CONSTRUCTION HAS BEEN REMOVED, FEATHER EPoxy GROUT TOPPING TO EACH FLOOR ELEVATION AND GRIND SMOOTH. AT DISSIMILAR FLOOR MATERIALS, AND/OR AT JUNCTIONS BETWEEN EXISTING FLOOR, PROVIDE APPROPRIATE EDGE OF TRANSITION STRIP.
- AT VARIATIONS IN WALL SURFACES AFTER THE EXISTING CONSTRUCTION HAS BEEN REMOVED, FEATHER JOINT COMPOUND AND SAND SMOOTH.
- WHERE CEILING IS TO REMAIN, REMOVE ALL DAMAGED CEILING PANELS/TILES AND REPLACE WITH NEW TO MATCH EXISTING.
- REMOVE AND RETURN TO THE OWNER ALL EXISTING PLUMBING FIXTURES. CAP ALL SUPPLY AND WASTE LINES AS REQUIRED. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- THE CONTRACTOR SHALL PATCH TO MATCH ADJACENT SURFACES OF EXISTING WALLS AND FLOORS IN ALL AREAS THAT REQUIRE THE REMOVAL OF GENERAL MECHANICAL, ELECTRICAL AND PLUMBING WORK AND OF EQUIPMENT AND FIXTURES.
- THE CONTRACTOR SHALL PROVIDE FOR ALL NECESSARY TEMPORARY RELOCATION AND MAINTENANCE OF ALL EXISTING UTILITIES WHICH ARE CURRENTLY IN USE AND WHICH MUST BE TEMPORARILY RELOCATED DURING CONSTRUCTION OF NEW AREAS AND RENOVATION OF EXISTING AREAS THROUGH EACH SEQUENCE OF CONSTRUCTION.
- REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR WORK REQUIRED IN THIS STEP OF THE SEQUENCE OF CONSTRUCTION.
- WHERE REMOVAL OF EXISTING PARTITIONS, EQUIPMENT, ETC. DISTURBS EXISTING MECHANICAL, PLUMBING OR ELECTRICAL SERVICES, THE CONTRACTOR SHALL MAKE PERMANENT REVISIONS AS REQUIRED AND IF NECESSARY, PROVIDE TEMPORARY SERVICES TO AREA NOT SCHEDULED FOR DEMOLITION AND RENOVATION.
- WHERE EXISTING WALLS, CEILINGS, OR FLOORS ARE DAMAGED BY THE CONTRACTOR FOR ACCESS TO SERVICES AND NEW CONSTRUCTION WHICH MAY NOT BE SCHEDULED OR SHOWN ON THE DRAWINGS, THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH TO MATCH MATERIAL AND FINISHES TO ORIGINAL CONDITIONS. IF EXISTING FINISHES CANNOT BE MATCHED, THE ENTIRE WALL, CEILING, OR FLOOR SHALL BE REFINISHED TO THE NEAREST CORNER OR POSITIVE BREAKING POINT.
- WHEN DEMOLITION CAUSES OR EXPOSES DAMAGE TO FLOOR SLAB, WALL, OR CEILING SURFACES WHICH WILL REMAIN EXPOSED IN THE FINISHED WORK, SUCH CONDITIONS SHALL BE REPAIRED AND LEVELED AS REQUIRED TO RECEIVE NEW FINISHES.
- CLEAN AIR GRILLES AND LIGHT FIXTURES THROUGHOUT PROJECT AREA UPON COMPLETION OF WORK.
- WHERE EXTERIOR WALLS, WINDOWS, AND/OR DOORS ARE BEING REMOVED, THE CONTRACTOR WILL BE RESPONSIBLE TO CONSTRUCT TEMPORARY PARTITIONS AS REQUIRED TO ENSURE THAT THE EXISTING BUILDINGS REMAIN WATERTIGHT AND WITHOUT DRAFTS DURING DEMOLITION WORK. THESE PARTITIONS SHALL REMAIN IN PLACE DURING THE NEW CONSTRUCTION WORK, OR AS REQUIRED TO MAINTAIN THIS SEPARATION.
- REMOVE ALL EXISTING CEILINGS WITHIN THE PROJECT LIMIT UNLESS OTHERWISE NOTED ON PLANS. REMOVE COMPLETE INCLUDING SUPPORT FRAMEWORK, SUSPENSION WIRES, WALL MOLDING, ETC.
- PROVIDE SHORING AND BRACING AS REQUIRED DURING DEMOLITION AND NEW CONSTRUCTION.

RELEASED FOR CONSTRUCTION
NO 19-174-001-001
STATE OF MISSOURI
Professional Services Department
St. Louis, Missouri
07/2024

10/10/2022 10:13:37 AM
Samuel K. Beckman - Architect
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Phone Number: 816.842.8437

Saint Luke's
East Hospital

Dialysis Storage

100 NE SAINT LUKE'S BLVD.
LEE'S SUMMIT, MO 64086

Date7.10.2024
Job Number3-19043
Drawn ByBD
Checked ByWC

Revision

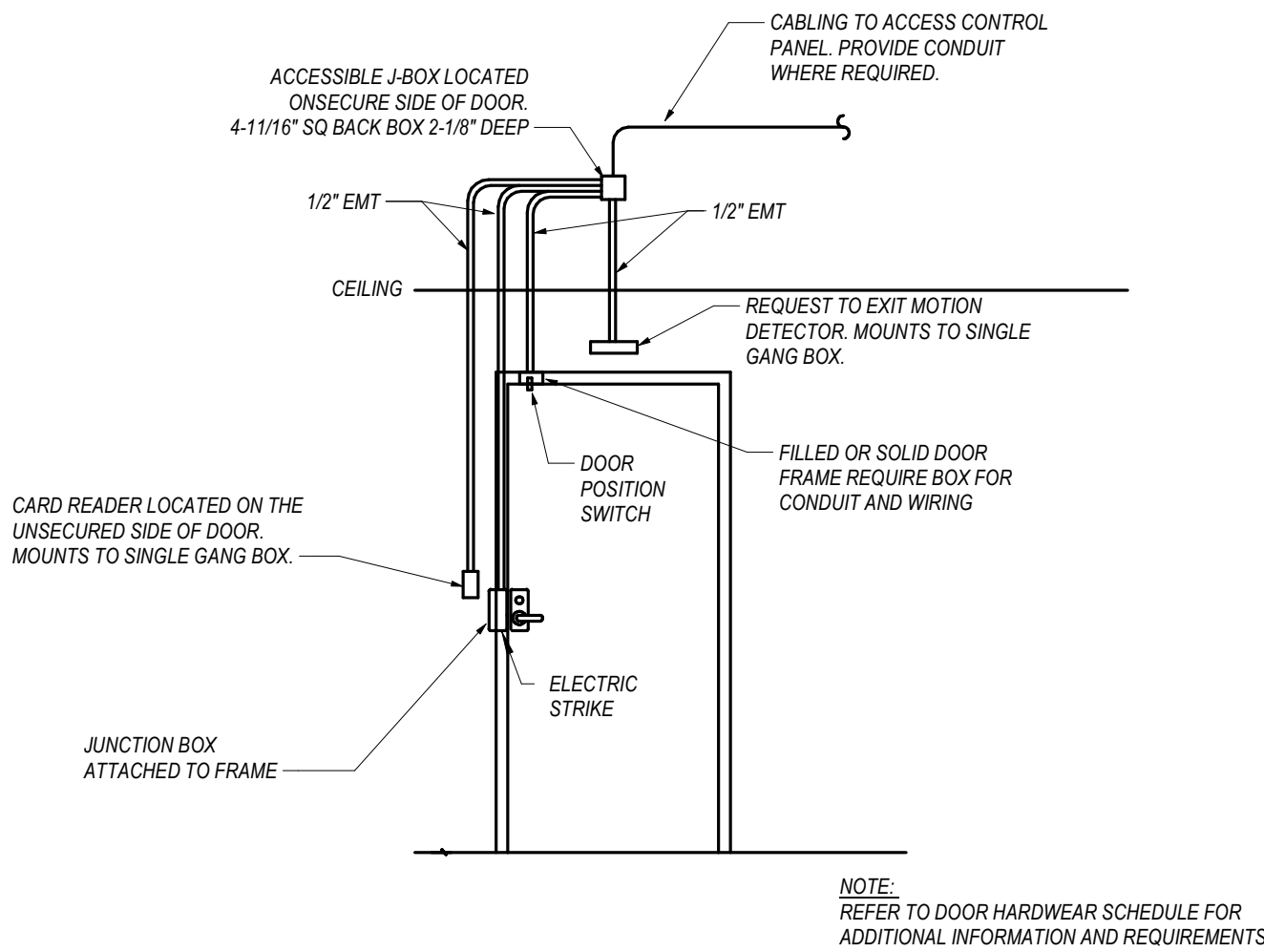
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AD

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DEMOLITION PLAN

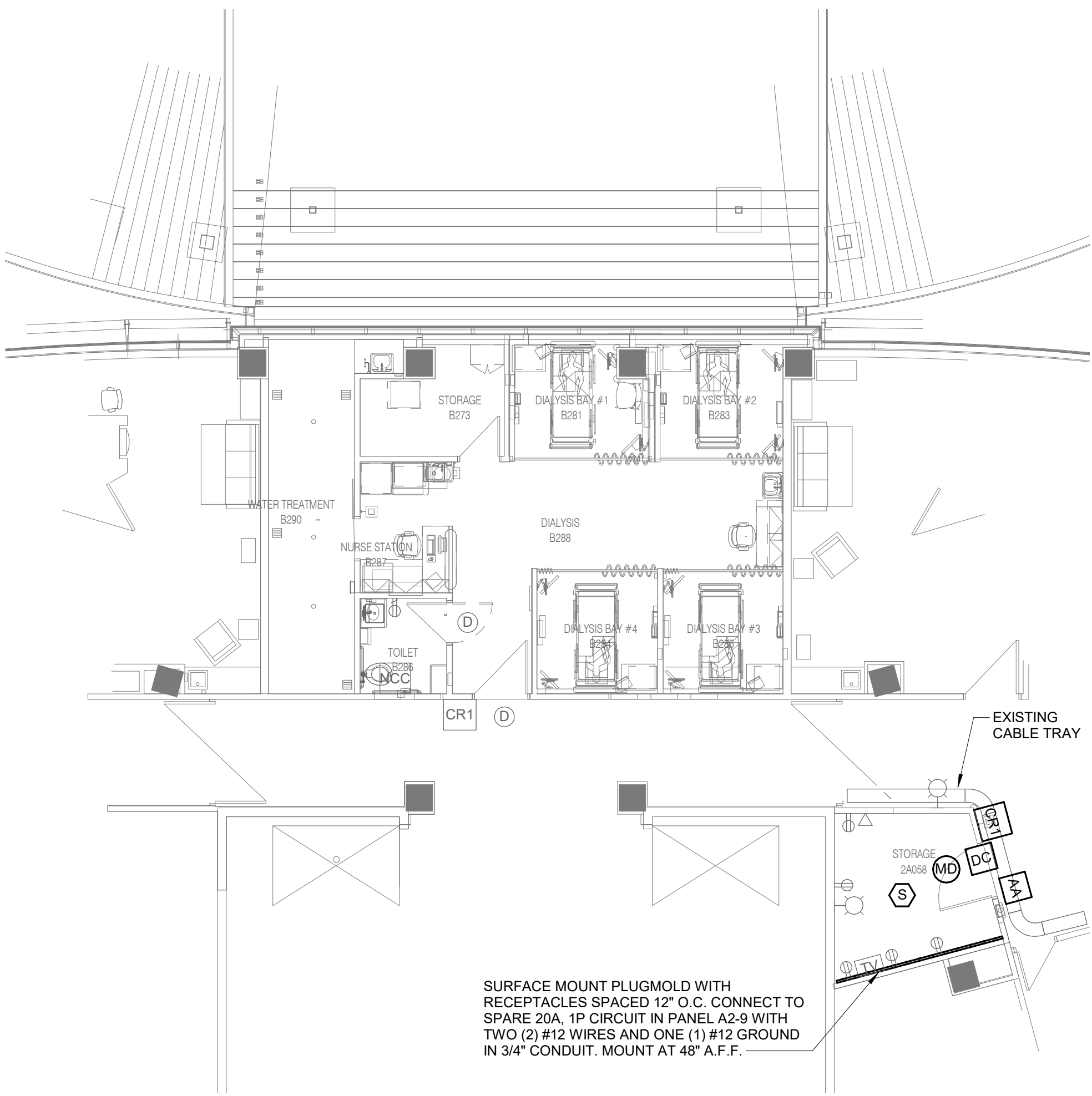
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4
NO SCALE

DETAIL OF TYPICAL ACCESS CONTROL DOOR WITH ELECTRIC STRIKE



2
1/8\"/>

ELECTRICAL SYMBOL LIST	
SYMBOL:	DESCRIPTION:
	FIRE ALARM SMOKE DETECTOR, CEILING OR WALL MOUNT
	BLANK - PHOTOELECTRIC AT = ATTIC (LOCATED IN)
	BR = BEAM RECEIVER
	BT = BEAM TRANSMITTER
	CO = COMBINATION SMOKE / CARBON MONOXIDE
	COH = COMBINATION SMOKE / CARBON MONOXIDE / HEAT
	COS = COMBINATION SMOKE / CARBON MONOXIDE / STROBE
	H = COMBINATION SMOKE / HEAT DETECTOR
	ION = IONIZATION TYPE
	ID = IN DUCT DETECTOR
	SA = STAND ALONE WITH SOUNDER
	SB = SOUNDER BASE
	SV = STAND ALONE WITH SOUNDER AND 177 CANDELA STROBE

SECURITY SYMBOLS LIST	
SYMBOL:	DESCRIPTION:
	SECURITY CREDENTIAL READER (EXISTING), WALL
	SECURITY CREDENTIAL READER TYPE 1, WALL
	INTRUSTION DETECTION MOTION DETECTOR, CEILING
	INTRUSTION DETECTION MOTION DETECTOR, WALL
	INTRUSTION DETECTION MOTION AUDIBLE ALARM, WALL
	INTRUSTION DETECTION DOOR CONTACT SWITCH, WALL


ELECTRICAL INSTALLATION NOTES:

- THE COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE ADA STANDARDS FOR ACCESSIBLE DESIGN. REFER TO THE ADA GUIDELINES FOR ALL CONFIGURATION DETAILS ON THIS PAGE FOR ADDITIONAL INFORMATION.
- CIRCUIT NUMBERS ARE SHOWN FOR CIRCUIT IDENTIFICATION. CIRCUITING SHALL AGREE WITH NUMBERING ON THE PANEL PROVIDED. COMMON NEUTRALS MAY NOT BE USED FOR BRANCH CIRCUITS. BALANCE THE LOAD ON PANEL AS EVENLY AS POSSIBLE BETWEEN EACH PHASE.
- LIFE SAFETY, CRITICAL, EQUIPMENT** BRANCH WIRING FOR FEEDERS AND BRANCH CIRCUITS SHALL BE ROUTED IN SEPARATE RACEWAY, JUNCTION BOXES, PULL BOXES, AND CABINETS. WIRING FOR EACH BRANCH SHALL BE INDEPENDENT FROM OTHER BRANCHES, INCLUDING THE NORMAL BRANCH.
- FLUSH MOUNT ALL LIGHTING CONTROL DEVICES AT +42" FROM FLOOR (CENTERLINE DIMENSION), EXCEPT WHERE OTHERWISE NOTED. DEVICES MAY BE SURFACE MOUNTED WHEN CONDUIT IS SPECIFIED EXPOSED.
- FLUSH MOUNT ALL DUPLEX RECEPTACLES AND TECHNOLOGY OUTLETS AT +18" FROM FLOOR (CENTERLINE DIMENSION), EXCEPT WHERE OTHERWISE NOTED. RECEPTACLES AND OUTLETS MAY BE SURFACE MOUNTED WHEN CONDUIT IS SPECIFIED EXPOSED. MOUNT EXTERIOR LOCATED RECEPTACLES WITH WHILE-IN-USE COVERS AT +20" FROM FINISHED GRADE (CENTER DIMENSIONS) TO MAINTAIN INSTALLATION ADA COMPLIANCE.
- ALL MATERIALS USED TO SEAL PENETRATIONS OF FIRE RATED WALLS AND FLOORS SHALL BE TESTED AND CERTIFIED AS A SYSTEM PER ASTM E814 STANDARDS FOR FIRE TESTS OF THROUGH-PENETRATION FIRESTOPS. REFER TO DIVISION 7 FOR ADDITIONAL INFORMATION AND REQUIREMENTS SPECIFIC TO FIRESTOPPING.
- MOUNT ALL FIRE ALARM PULL STATIONS AT +42" FROM FLOOR (CENTERLINE DIMENSION) EXCEPT WHERE OTHERWISE NOTED.
- INSTALL ALL WALL MOUNTED FIRE ALARM NOTIFICATION DEVICES AT 90" ABOVE FINISHED FLOOR OR 6" BELOW THE CEILING, WHICHEVER IS LOWER, EXCEPT WHERE OTHERWISE NOTED. HEIGHT SHALL BE MEASURED TO THE TOP OF THE DEVICE.
- CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL CEILING MOUNTED DEVICES AND EQUIPMENT WITH LUMINAIRES, SPRINKLER, AND CEILING DIFFUSERS. CENTER ALL DEVICES IN CEILING TILE PATTERN. SMOKE DETECTORS AND OCCUPANCY/VACANCY SENSORS SHALL BE LOCATED NO CLOSER THAN 3 FEET TO AN AIR SUPPLY DIFFUSER OR RETURN GRILLE.
- CONTRACTOR SHALL VERIFY ALL FURNITURE, MODULAR FURNITURE, AND EQUIPMENT LOCATIONS WITH ARCHITECTURAL PLANS, ELEVATIONS, AND REVIEWED SHOP DRAWINGS. PRIOR TO MAKING THE ACTUAL ELECTRICAL INSTALLATION, THIS CONTRACTOR SHALL ADJUST RECEPTACLES, OUTLETS, OR CONNECTION LOCATIONS TO ACCOMMODATE FURNITURE AND/OR EQUIPMENT.
- ELECTRICAL AND TECHNOLOGY EQUIPMENT SHALL BE MOUNTED TO AVOID IMPEDANCE OF OPERATION OF, AND/OR ACCESS TO ELECTRICAL AND MECHANICAL EQUIPMENT. ALL MOUNTING OF ELECTRICAL AND TELECOMMUNICATIONS EQUIPMENT, ON EQUIPMENT SUPPLIED BY ANOTHER CONTRACTOR, SHALL BE APPROVED IN ADVANCE BY THE OTHER CONTRACTOR.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OPENINGS REQUIRED IN WALLS. ALL OPENINGS SHALL BE REPAIRED TO MATCH EXISTING BY A QUALIFIED CONTRACTOR AT THE EXPENSE OF THIS CONTRACTOR. ALL CONDUITS THROUGH WALLS SHALL BE GROUTED OR SEALED INTO OPENINGS.
- ALL WELDING SHALL BE ACCORDING TO AMERICAN WELDING SOCIETY STANDARDS. CONTRACTOR SHALL FURNISH TO THE ARCHITECT/ENGINEER CERTIFICATES QUALIFYING EACH WELDER, PRIOR TO START OF WORK. THE ARCHITECT/ENGINEER RESERVES THE RIGHT TO REQUIRE QUALIFYING DEMONSTRATION, AT THE CONTRACTOR'S EXPENSE, OF ANY WELDERS ASSIGNED TO THE JOB.
- EACH CONTRACTOR IS RESPONSIBLE FOR DAMAGE CAUSED BY THEIR ACTIONS TO THE WALLS, FLOORS, CEILINGS, AND ROOFS. THE CONTRACTOR WHOSE WORK CAUSES DAMAGE IS RESPONSIBLE FOR PATCHING TO MATCH ORIGINAL CONSTRUCTION, FIRE RATING, AND FINISH.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLAN, ELECTRICAL, TECHNOLOGY AUDIOVISUAL, AND OTHER ELECTRICAL PLANS FOR EXACT LOCATIONS OF ALL CEILING MOUNTED DEVICES, OTHER THAN SPRINKLERS.
- ELECTRICAL IDENTIFICATION. REFER TO SPECIFICATION SECTION 26 05 53 FOR COLOR/LABEL REQUIREMENTS FOR CONDUIT, BOX, CABLE/WIRE, AND EQUIPMENT.

ELECTRICAL RENOVATION NOTES:

- THESE NOTES APPLY TO ALL ELECTRICAL SHEETS AND TRADES, INCLUDING BUT NOT LIMITED TO, LIGHTING, POWER, AND SYSTEMS.
- EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS, EXISTING BUILDING DOCUMENTS, AND STAFF. VERIFY EXISTING CONDITIONS AND REPORT ANY CONFLICTS BEFORE PROCEEDING.
 - NOT ALL EXISTING EQUIPMENT, LUMINAIRES, AND CONDUIT ARE SHOWN. VERIFY EXISTING CONDITIONS AND REPORT ANY CONFLICTS WITH NEW WORK BEFORE STARTING WORK.
 - FIELD VERIFY THE AVAILABLE CLEARANCES FOR CABLE TRAY, BUSWAY AND CONDUITS BEFORE FABRICATION. RISES AND DROPS MAY BE NECESSARY BECAUSE OF EXISTING FIELD CONDITIONS.
 - EACH CONTRACTOR SHALL CUT AND PATCH ROOFS, WALLS, AND FLOORS ASSOCIATED WITH THEIR WORK.
 - THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF CEILINGS, CEILING TILES, AND CEILING GRIDS ASSOCIATED WITH AREAS OF WORK BY ALL CONTRACTORS. NOTIFY THE GENERAL CONTRACTOR OF AFFECTED AREAS PRIOR TO BIDDING.
 - WHERE EXISTING ELECTRICAL SYSTEMS ARE LOCATED IN AREAS THAT CONFLICT WITH NEW EQUIPMENT, PIPING, OR DUCTWORK TO BE INSTALLED, EACH CONTRACTOR SHALL EITHER ARRANGE NEW EQUIPMENT, CONDUIT, OR DUCTWORK IN SUCH A FASHION THAT IT DOES NOT CONFLICT WITH EXISTING SYSTEMS, OR REWORK EXISTING ELECTRICAL SYSTEMS TO ALLOW FOR INSTALLATION OF NEW EQUIPMENT, PIPING, OR DUCTWORK.

ELECTRICAL ABBREVIATION KEY	
ABBR:	DESCRIPTION:
AFF	ABOVE FINISHED FLOOR
C	CONDUIT
GFI	GROUND FAULT INTERRUPTER
N.C.	NORMALLY CLOSED
NIC	NOT IN CONTRACT
N.O.	NORMALLY OPEN
SV	SOLENOID VALVE
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED



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Mission Certificate of Authority #F01325536

0 1 2 3
REF. SCALE IN INCHES PROJECT #2200812.00



Dialysis Storage

100 NE SAINT LUKE'S BLVD.
LEE'S SUMMIT, MO 64086

Date	7.10.2024
Job Number	3-19043
Drawn By	Author
Checked By	Checker

Revision		
Number	Date	Description

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ACI Boland Architects

BRUCE ELDON
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NUMBER
E-2267
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#00127265
Phone Number: 816.842.8437

PLUMBING SYMBOL LIST

NOT ALL SYMBOLS MAY APPLY.

SYMBOL:	DESCRIPTION:
	ACID VENT
	ACID WASTE
	COMPRESSED AIR
	COLD WATER - POTABLE
	DRAIN
	DEIONIZED WATER
	DRAIN TILE
	FUEL OIL RETURN
	FUEL OIL SUPPLY
	NATURAL GAS
	GAS REGULATOR VENT
	SANITARY DRAINAGE (GREASE SANITARY DRAINAGE)
	GREASE VENT
	HOT WATER - POTABLE
	HOT WATER CIRCULATING - POTABLE
	HOT WATER - POTABLE NUMBER INDICATES TEMP
	HOT WATER CIRC - POTABLE NUMBER INDICATES TEMP
	INSTRUMENT AIR
	MEDICAL AIR
	MEDIUM PRESSURE GAS
	MEDICAL VACUUM
	NITROGEN
	NON-POTABLE COLD WATER
	NON-POTABLE HOT WATER
	NITROUS OXIDE
	OXYGEN
	PROPANE GAS
	PUMPED DISCHARGE
	PURE WATER
	REVERSE OSMOSIS WATER
	SANITARY DRAINAGE
	SOFT COLD WATER
	SOFT HOT WATER
	STORM DRAINAGE (ROOF SQUARE FOOTAGE)
	STORM DRAINAGE (SECONDARY)
	SOFT TEMPERED WATER
	TEMPERED WATER
	VENT
	LAB VACUUM
	SERVICE WATER - POTABLE
	WASTE ANESTHESIA GAS DISPOSAL
	PIPE CONTINUATION
	PIPE CAP
	PIPE DOWN
	PIPE UP OR UP/DOWN
	PIPE SERVING FIXTURE ON FLOOR ABOVE (EXAMPLE: FD = FLOOR DRAIN)
	PITCH PIPE IN DIRECTION
	DIRECTION OF FLOW IN PIPE
	ROUTE TO DRAIN
	UNION/FLANGE
	SHUTOFF VALVE NORMALLY OPEN
	SHUTOFF VALVE NORMALLY CLOSED
	BALANCING VALVE (NUMBER INDICATES GPM)
	CHECK VALVE

CONTRACTOR ABBREVIATION KEY

ABBR:	DESCRIPTION:
A.C.	ASBESTOS ABATEMENT CONTRACTOR
A.V.C.	AUDIO/VISUAL CONTRACTOR
C.C.	CIVIL CONTRACTOR
C.M.	CONSTRUCTION MANAGER
E.C.	ELECTRICAL CONTRACTOR
F.P.C.	FIRE PROTECTION CONTRACTOR
F.S.C.	FOOD SERVICE CONTRACTOR
G.C.	GENERAL CONTRACTOR
H.C.	HEATING CONTRACTOR
M.C.	MECHANICAL CONTRACTOR
N.C.C.	NURSE CALL CONTRACTOR
P.C.	PLUMBING CONTRACTOR
S.C.	SECURITY CONTRACTOR
T.C.	TECHNOLOGY CONTRACTOR
T.C.C.	TEMPERATURE CONTROLS CONTRACTOR
V.C.	VENTILATION CONTRACTOR

PLUMBING ABBREVIATION KEY

ABBR:	DESCRIPTION:
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
BFP	BACKFLOW PREVENTER
BT	BATHTUB
CB	CATCH BASIN
CI	CAST IRON
CO	CLEANOUT
CS	CLINICAL SINK
DB	DIALYSIS BOX
DF	DRINKING FOUNTAIN
DI	DUCTILE IRON
E	EXISTING
EE	EMERGENCY EYEWASH
ES	EMERGENCY SHOWER
ESE	EMERGENCY SHOWER/EYEWASH
EWCO	ELECTRIC WATER COOLER
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FM	FLOW METER
FS	FLOOR SINK
GD	GARBAGE DISPOSER
GI	GREASE INTERCEPTOR
HB	HOSE BIBB
I.E.	INVERT ELEVATION (FOR REFERENCE ONLY)
LAV	LAVATORY
MB	MOP BASIN
MH	MANHOLE
MV	MIXING VALVE
NIC	NOT IN CONTRACT
NT	NEUTRALIZATION TANK
OS	OIL SEPARATOR
RD	ROOF DRAIN
SCRCR	SHORT CIRCUIT CURRENT RATING
SH	SHOWER
SK	SINK
SS	SERVICE SINK
TD	TRENCH DRAIN
TP	TRAP PRIMER
TYP	TYPICAL
UR	URINAL
VTR	VENT THROUGH ROOF
WC	WATER CLOSET
WCO	WALL CLEANOUT
WF	WASH FOUNTAIN
WH	WATER HEATER
WMF	WASHING MACHINE FIXTURE
WM	WATER METER
WS	WATER SOFTENER
UB	UTILITY BOX
UON	UNLESS OTHERWISE NOTES
YCO	YARD CLEANOUT

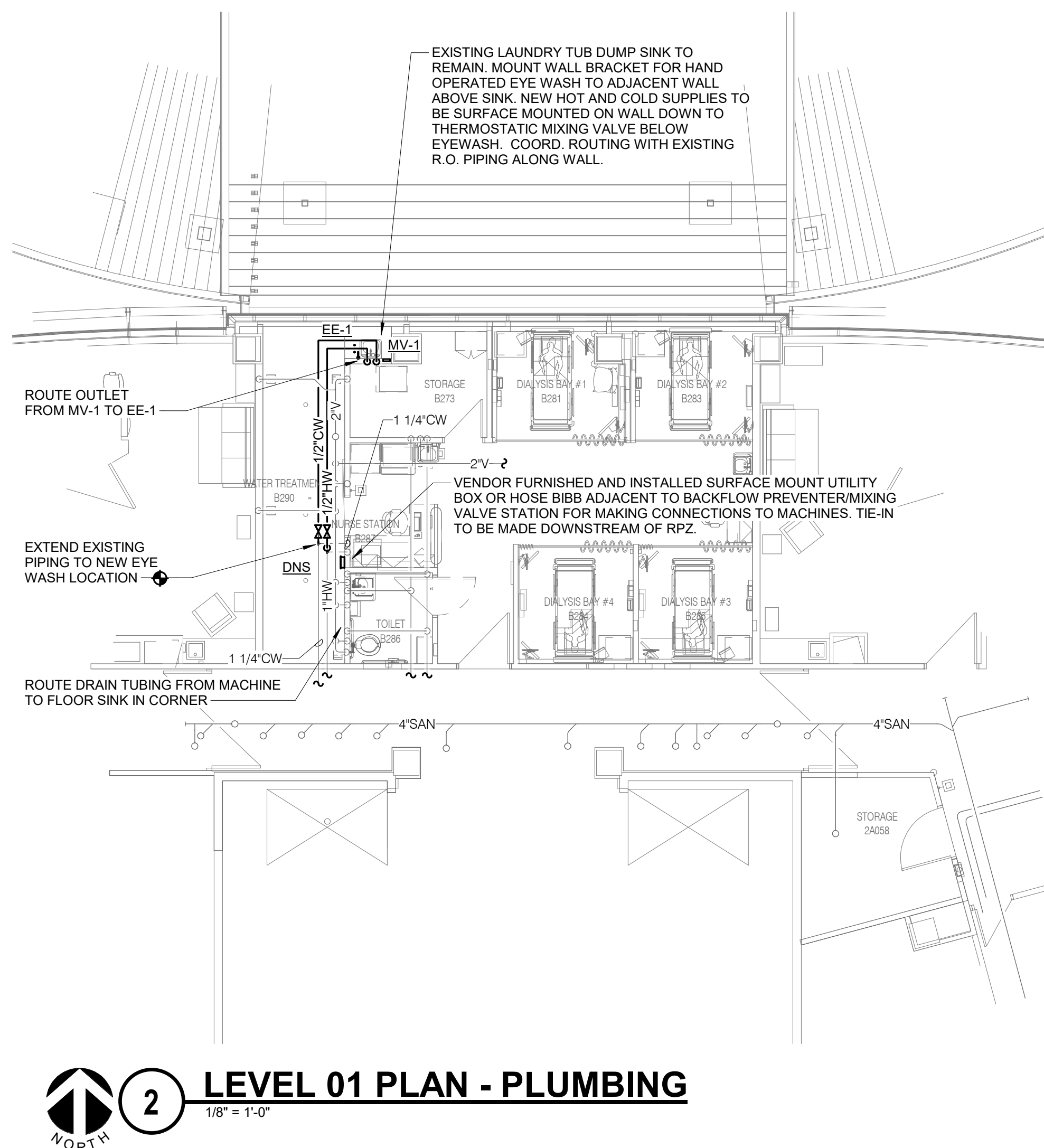
PLUMBING MATERIAL LIST

TAG-NAME	DESCRIPTION	MANUFACTURER AND MODEL
EM-1	EMERGENCY EYE/FACE WASH - HOSE-CONNECTED, WALL MOUNTED ADJACENT TO SINK, TWIN SPRAY HEADS WITH CAPS AND RETAINING CHAINS/STRAPS, BRASS SUPPLY ARMS, INTEGRAL FLOW CONTROL, FITTING, BRASS PIPING AND FITTINGS, BRASS/BRONZE STAY OPEN BALL VALVE, SINGLE ACTION ACTIVATION BY DEPRESSING HANDLE, UNIVERSAL IDENTIFICATION SIGN, ANSI Z358.1-2004 COMPLIANT.	GUARDIAN (G5026)
	MINIMUM FLOW RATE OF 3.6 GPM AT 30 PSI. ACTIVATION TIME SHALL BE 1 SECOND OR LESS. BRASS/BRONZE PIPING, FITTINGS, AND VALVES SHALL BE CHROME-PLATED OR CHEMICAL-RESISTANT POWDER COATED.	
	MIXING VALVE - THERMOSTATIC MIXING VALVE FOR EMERGENCY EYEWASH OR COMBINATION EYEWASH/FACEWASH FIXTURE, BRONZE BODY CONSTRUCTION, COLD WATER BYPASS, OUTLET THERMOMETER, COMBINATION CHECK STOPS OR SEPARATE SUPPLY CHECK VALVES AND SHUT OFF VALVES, MOUNTING BRACKET.	
	SUPPLY SHUT OFF VALVES SHALL BE LOCKED OPEN OR CONTRACTOR SHALL PROVIDE A LOCKING CABINET TO PREVENT UNAUTHORIZED CLOSURE. CABINET SHALL BE SURFACE-MOUNTED 18 GAUGE STAINLESS STEEL WITH 16 GAUGE LOCKING DOOR TO ENCLOSE VALVE, INLET CHECK STOPS, OUTLET THERMOMETER.	
	THERMOSTATIC MIXING AND PRESSURE REGULATING VALVES TO DELIVER 3 GPM OF TEMPERED WATER (60-100 DEGREE F) WITH 10 PSI PRESSURE DIFFERENTIAL.	
	EYEWASH SHALL COMPLY WITH ANSI Z358.1 AND ASME A12.18.1. MIXING VALVE SHALL BE ASSE 1071 LISTED AND APPROVED.	
EMV-1	MIXING VALVE - THERMOSTATIC MIXING VALVE FOR EMERGENCY EYEWASH OR COMBINATION EYEWASH/FACEWASH FIXTURE, BRONZE BODY CONSTRUCTION, COLD WATER BYPASS, OUTLET THERMOMETER, COMBINATION CHECK STOPS OR SEPARATE SUPPLY CHECK VALVES AND SHUT OFF VALVES, MOUNTING BRACKET.	GUARDIAN (G6620)
	SUPPLY SHUT OFF VALVES SHALL BE LOCKED OPEN OR CONTRACTOR SHALL PROVIDE A LOCKING CABINET TO PREVENT UNAUTHORIZED CLOSURE. CABINET SHALL BE SURFACE-MOUNTED 18 GAUGE STAINLESS STEEL WITH 16 GAUGE LOCKING DOOR TO ENCLOSE VALVE, INLET CHECK STOPS, OUTLET THERMOMETER, AND OUTLET VALVE.	
	THERMOSTATIC MIXING AND PRESSURE REGULATING VALVES TO DELIVER 3 GPM OF TEMPERED WATER (60-100 DEGREE F) WITH 10 PSI PRESSURE DIFFERENTIAL.	
	UNIT SHALL BE ASSE 1071 LISTED AND APPROVED. VALVE SHALL COMPLY WITH FEDERAL ACT 3.3874.	

PLUMBING ROUGH-IN SCHEDULE

NOTES: (APPLIES TO ALL PLUMBING FIXTURES LISTED BELOW)
1) SIZES SHOWN ARE MINIMUMS. LARGER SIZES SHOWN ON THE DRAWING SHALL DICTATE THE
ROUGH-IN SIZE. 2) SANITARY RISERS UP IN WALL TO FIXTURES SHALL BE A MINIMUM OF 2". 3)
DOMESTIC WATER BRANCH PIPING OUTSIDE OF THE WALL/CHASE SHALL BE A MINIMUM OF 3/4"
UNLESS NOTED OTHERWISE. ONLY THE FINAL RISE-DROP SHALL BE SMALLER. 4) FINAL SANITARY
SIZE SHALL MATCH P-TRAP SIZE (REFER TO MATERIAL LIST).

TAG NAME	DESCRIPTION	COLD WATER	HOT WATER	SANITARY	VENT
EE-1	EMERGENCY EYE-FACE WASH	1/2"	1/2"		



PLUMBING GENERAL NOTES:

1. THE SYMBOLS AND THE MATERIAL LIST ARE FOR THE CONVENIENCE OF THE CONTRACTOR. CONTRACTOR SHALL VERIFY QUANTITIES AND FURNISH ALL MATERIALS REQUIRED FOR THE PROJECT. CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE MATERIAL LIST.
2. CATALOG NUMBERS SHALL NOT BE CONSIDERED COMPLETE, BUT ARE GIVEN AS AN AID TO THE CONTRACTOR AND TO INDICATE THE QUALITY REQUIRED. CONTRACTOR IS RESPONSIBLE FOR THE SELECTION OF THE TYPE AND GRADE OF MATERIALS AND IN THE SPECIFICATIONS BEFORE ORDERING. THE DESCRIPTION OF THE MATERIAL TAKES PRECEDENCE OVER THE CATALOG NUMBER. THE FIRST MANUFACTURER LISTED IS THE PREFERRED MANUFACTURER.
3. CONTRACTOR SHALL VERIFY THAT FIXTURES SUPPLIED ARE APPROVED PER ALL APPLICABLE STATE, LOCAL AND GOVERNING AUTHORITIES.
4. ALL FIXTURES SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:
 - a. INVERT ELEVATIONS ARE FROM EXISTING DRAWINGS AND MAY NOT BE ACCURATE. VERIFY ALL ELEVATIONS BEFORE BEGINNING WORK.
 - b. USE STANDARD LISTED SIZES, INVERT ELEVATIONS, AND LOCATIONS PRIOR TO BEGINNING ANY WORK.
 - c. USE STANDARD LISTED SIZES, INVERT ELEVATIONS, AND LOCATIONS PRIOR TO BEGINNING ANY WORK.
5. FOR CLARITY, NOT ALL VALUES HAVE BEEN SHOWN. PROVIDE SHUTOFF VALVES IN EACH ROOM. PROVIDE SHUTOFF VALVES IN EACH ROOM WITH FIXTURES. ANGLE STOPS SHALL NOT BE CONSIDERED SHUTOFF VALVES.

MECHANICAL RENOVATION NOTES:

THESE NOTES APPLY TO ALL MECHANICAL SHEETS AND TRADES, INCLUDING BUT NOT LIMITED TO, FIRE PROTECTION, PLUMBING, MEDICAL GAS, VENTILATION, PIPING AND TEMPERATURE CONTROL.

1. EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS, EXISTING BUILDING DOCUMENTS, AND STAFF. VERIFY EXISTING CONDITIONS AND CONFLICTS WITH NEW WORK PRIOR TO STARTING WORK.
2. NOT ALL EXISTING DUCTWORK AND PIPING IS SHOWN. VERIFY EXISTING CONDITIONS BEFORE STARTING WORK. NOTIFY ENGINEER OF ANY CONFLICTS WITH NEW WORK PRIOR TO STARTING WORK. CONTRACTOR SHALL CUT AND PATCH ROOFS, WALLS, AND FLOORS ASSOCIATED WITH THEIR WORK.
3. THE **GENERAL CONTRACTOR** IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF EXISTING MECHANICAL SYSTEMS AND EQUIPMENT. REMOVE AND REINSTALL EXISTING MECHANICAL SYSTEMS AND EQUIPMENT. NOTIFY THE **GENERAL CONTRACTOR** OF AFFECTED AREAS PRIOR TO BIDDING.
4. WHERE EXISTING MECHANICAL SYSTEMS ARE LOCATED IN AREAS THAT CONFLICT WITH NEW EQUIPMENT, PIPING, OR DUCTWORK TO BE INSTALLED, EACH CONTRACTOR SHALL EITHER ARRANGE NEW EQUIPMENT, PIPING, OR DUCTWORK IN SUCH A FASHION THAT IT DOES NOT CONFLICT WITH EXISTING SYSTEMS, OR REWORK EXISTING MECHANICAL SYSTEMS AND EQUIPMENT TO ALLOW FOR NEW EQUIPMENT, PIPING, OR DUCTWORK.
5. OBTAIN PERMISSION FROM OWNER BEFORE SHUTTING DOWN ANY SYSTEM FOR ANY REASON. MAINTAIN SERVICE TO ALL COMPONENTS THAT ARE TO REMAIN UNTIL NEW MECHANICAL SYSTEMS ARE INSTALLED.
6. MAINTAIN EXISTING SYSTEM IN SERVICE UNTIL NEW SYSTEM IS COMPLETE AND READY FOR TIE IN AND SWITCHOVER. DRAIN SYSTEM ONLY TO MAKE SWITCHOVERS AND REPAIRS. OBTAIN PERMISSION FROM OWNER BEFORE SHUTTING DOWN ANY COMPLETE DRAINING SYSTEM. MAKE CHANGEOVER TO NEW SYSTEMS WITH MINIMUM OUTAGE.

MECHANICAL GENERAL NOTES:

THESE NOTES APPLY TO ALL MECHANICAL SHEETS AND TRADES, INCLUDING BUT NOT LIMITED TO, FIRE PROTECTION, PLUMBING, MEDICAL GAS, VENTILATION, PIPING AND TEMPERATURE CONTROL.

1. DRAWINGS SHOWING LOCATIONS OF EQUIPMENT, DUCTWORK, PIPING, ETC. ARE DIAGRAMMATIC AND MAY NOT ALWAYS REFLECT EXACT INSTALLATION CONDITIONS. CONTRACTOR SHALL FOLLOW THE GENERAL NOTES AND SPECIFICATIONS FOR CORRECTIONS AND MAY NOT INCLUDE ALL OFFSETS AND FITTINGS REQUIRED FOR COMPLETE INSTALLATION. THE DRAWINGS SHALL BE FOLLOWED AS CLOSELY AS ACTUAL BUILDING CONDITIONS PERMIT.
2. DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS AND CLEARANCES FROM ARCHITECTURAL, STRUCTURAL, SUBMITTALS, AND OTHER APPROPRIATE DRAWINGS OR FIELD SURVEY. VERIFY ALL DIMENSIONS AND CLEARANCES.
3. COORDINATE ALL WORK WITH ALL OTHER TRADES PRIOR TO INSTALLATION TO PROVIDE CLEARANCES REQUIRED FOR OPERATION, MAINTENANCE, CODE COMPLIANCE, AND TO PREVENT INTERFERENCE WITH OTHER TRADES' WORK.
4. VERIFY ALL NECESSARY CLEARANCES FOR ALL TRADES. BRING ANY INTERFERENCES OR CONFLICTS TO THE ATTENTION OF THE ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.
5. REVIEW SPACE REQUIREMENTS OF EQUIPMENT SPECIFIED OR SUBSTITUTED AND MAKE REASONABLE ACCOMMODATIONS IN LAYOUT AND POSITIONING TO PROVIDE PROPER ACCESS.
6. ANY CHANGES REQUIRED TO ELIMINATE CONFLICTS OR THAT RESULT FROM A FAILURE TO COORDINATE MUST BE MADE BY THE CONTRACTOR WITHOUT ADDITIONAL COST OR DELAY TO OTHERS.
7. EACH CONTRACTOR IS RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH ELECTRICAL CHANGES REQUIRED FOR EQUIPMENT PROPOSED THAT DIFFERS FROM THE BASIS OF DESIGN.
8. EACH CONTRACTOR IS RESPONSIBLE FOR DAMAGE CAUSED BY THEIR ACTIONS TO WALLS AND FLOORS. THE CONTRACTOR WHOSE WORK CAUSES DAMAGE IS RESPONSIBLE FOR REPAIRS TO THE AFFECTED AREAS.
9. IN AREAS WITH DRYWALL CEILINGS COORDINATE LOCATIONS OF ACCESS PANELS WITH THE GC FOR ACCESS TO VALVES, DUCTWORK ACCESSORIES, DAMPERS, ETC. COORDINATE PANEL LOCATION WITH THE ARCHITECT. NOTIFY THE GC OF THE REQUIRED ACCESS PANELS PRIOR TO BIDDING.
10. SEAL ALL WALL PENETRATIONS AIRTIGHT WHERE CONDUTS, PIPING, AND DUCTS PENETRATE.
11. CAULK ALL PIPE AND DUCT PENETRATIONS OF FULL HEIGHT NON-FIRE RATED WALL, PARTITION, FLOOR, AND ROOF PENETRATIONS. THIS IS ESSENTIAL TO PREVENT AIR AND WATER INTRUSION FROM ONE ROOM TO ANOTHER. VERIFY THE WALL AND FLOOR LEVELS WITHIN ROOMS.
12. MAINTAIN MINIMUM WORKING CLEARANCE OF 3'-6" IN FRONT OF ALL ELECTRICAL EQUIPMENT REQUIRING MAINTENANCE, INSPECTION, AND TESTING INCLUDING BUT NOT LIMITED TO PANELS, DISTRIBUTION PANELS, SWITCHBOARDS, MOTOR CONTROL CENTERS, TRANSFORMERS, ETC.
13. MAINTAIN THE DEDICATED ELECTRICAL EQUIPMENT SPACE DEFINED BY THE WIDTH / DEPTH OF ELECTRICAL EQUIPMENT MEASURED FROM THE FLOOR TO A HEIGHT 6'-0" ABOVE THE EQUIPMENT. THE DEDICATED ELECTRICAL EQUIPMENT SPACE SHALL BE SUBJECT TO THE ELECTRICAL DISTRIBUTION SYSTEM FROM NOT ALLOWED IN THE DEDICATED ELECTRICAL EQUIPMENT SPACE INCLUDING: DUCTWORK, PIPING, ETC.
14. ELECTRICAL EQUIPMENT SHALL BE MOUNTED IN CONCRETE SLAB OR CONCRETE PAD SHALL EXTEND MINIMUM 6" BEYOND ALL SIDES OF EQUIPMENT.
15. DO NOT SUPPORT EQUIPMENT, PIPING, OR DUCTWORK FROM METAL DECKING OR OTHER WEAK SUPPORTS. ALL EQUIPMENT SHALL BE SUPPORTED BY CONCRETE SHALL BE CRACKED CONCRETE APPROVED IN ACCORDANCE WITH SPECIFICATIONS.

