

HCA - LEE'S SUMMIT MEDICAL CENTER **ADMINISTRATION RELOCATION**

^A2000 SE BLUE PKWY LEE'S SUMMIT, MO 64063

DGL PROJECT NO HCA PROJECT NO.

6406.24.0001 0972400009

DATE: 05/29/2025

HCA DESIGN MANAGER: MIKAL MALIK HCA CONSTRUCTION MANAGER: ERIC SJODIN

CITY AND STATE - 2ND REVIEW



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WSP

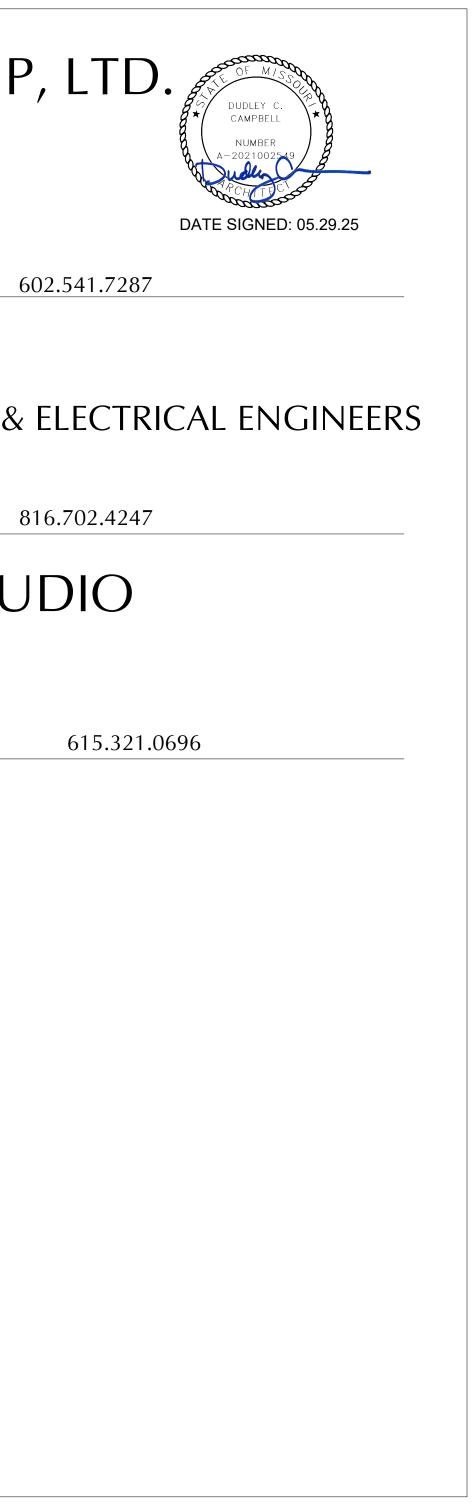
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GENERAL CONTRACTOR 6640 CAROTHERS PARKWAY, STE 150 FRANKLIN, TN 37067 PROJECT EXECUTIVE: JEREMY BRANSON



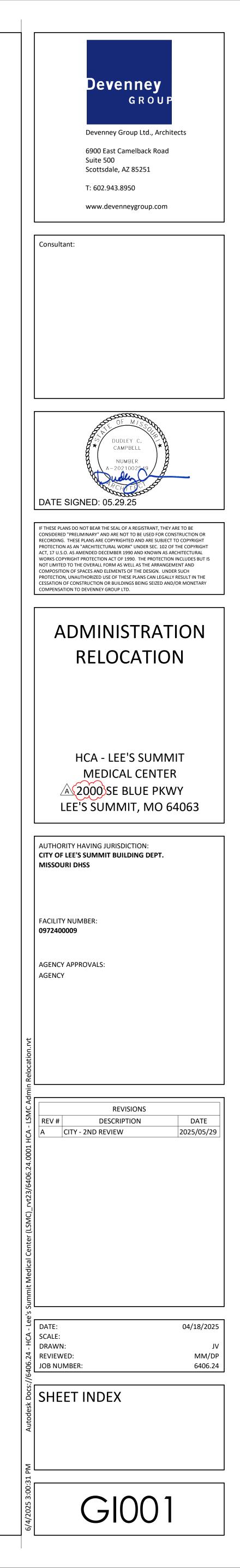
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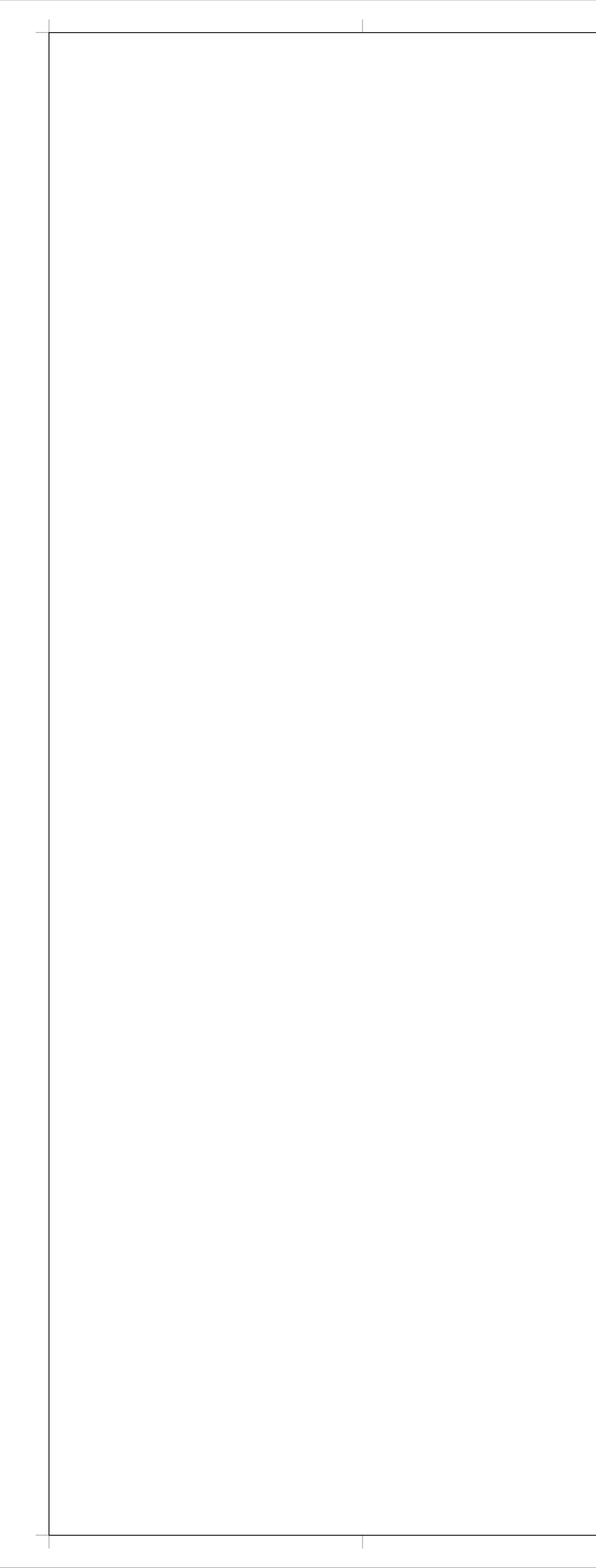


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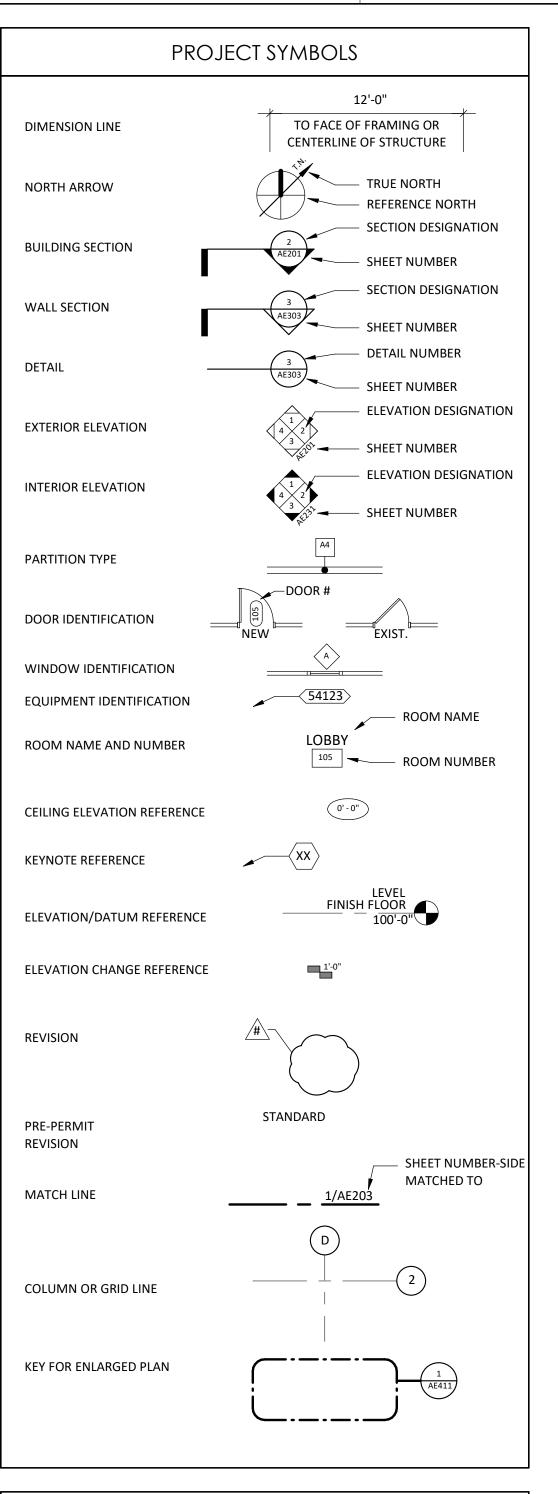
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SHEET NUMBE	R SHEET NAME	1ST CITY SUB	
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		X	
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PD02-00	UNDERFLOOR DEMOLITION PLAN - PLUMBING	X	F
PD02-01	DEMOLITION PLAN - LEVEL 01 - PLUMBING	X	F
P02-00	UNDERFLOOR PLAN - PLUMBING	X	F
P02-01	FLOOR PLAN - LEVEL 01 - PLUMBING	X	F
P07-01	DETAILS - PLUMBING	X	F
P08-01	SCHEDULES - PLUMBING	X	F
/IECHANICAL			
M00-00	GENERAL INFORMATION - MECHANICAL	X	F
M01-01	CONTROLS - MECHANICAL	X	F
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M02-01	FLOOR PLAN - LEVEL 01 - HVAC	X	F
M03-01	FLOOR PLAN - LEVEL 01 - HVAC PIPING	X	F
M06-01	RISER DIAGRAM - MECHANICAL	X	F
M07-01	DETAILS - MECHANICAL	X	F
M07-02	DETAILS - MECHANICAL	Х	F
M08-01	SCHEDULES - MECHANICAL	X	F
MEP02-03	ATTACHED MOB ROOF PLAN - MEP	X	F
LECTRICAL		^	•
E00-00	GENERAL INFORMATION - ELECTRICAL	Х	F
ED02-01	DEMOLITION PLAN - LEVEL 01 ELECTRICAL	X	F
E02-01	FLOOR PLAN - LEVEL 01 - POWER	X	
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E07-01		X	F
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T00-00	GENERAL INFORMATION - TECHNOLOGY	X	F
TD02-01	DEMOLITION PLAN - LEVEL 01 - COMMUNICATIONS	X	F
		X	F
T02-01	FLOOR PLAN - LEVEL 01 - COMMUNICATIONS		F
T02-01 T03-01	FLOOR PLAN - LEVEL 01 - COMMUNICATIONSFLOOR PLAN - LEVEL 01 - LOW VOLTAGE	X	
		X X	F
T03-01	FLOOR PLAN - LEVEL 01 - LOW VOLTAGE		
T03-01 T04-01	FLOOR PLAN - LEVEL 01 - LOW VOLTAGE FLOOR PLAN - LEVEL 01 - SECURITY	X	F
T03-01 T04-01 T05-01	FLOOR PLAN - LEVEL 01 - LOW VOLTAGE FLOOR PLAN - LEVEL 01 - SECURITY ENLARGED PLAN - TECHNOLOGY	x x	F
T03-01 T04-01 T05-01 T06-01	FLOOR PLAN - LEVEL 01 - LOW VOLTAGEFLOOR PLAN - LEVEL 01 - SECURITYENLARGED PLAN - TECHNOLOGYRISER DIAGRAM - TECHNOLOGY	X X X	F F F
T03-01 T04-01 T05-01 T06-01 T07-01	FLOOR PLAN - LEVEL 01 - LOW VOLTAGEFLOOR PLAN - LEVEL 01 - SECURITYENLARGED PLAN - TECHNOLOGYRISER DIAGRAM - TECHNOLOGYDETAILS - TECHNOLOGY	x x x x x x	F F F
T03-01 T04-01 T05-01 T06-01 T07-01 T07-02	FLOOR PLAN - LEVEL 01 - LOW VOLTAGEFLOOR PLAN - LEVEL 01 - SECURITYENLARGED PLAN - TECHNOLOGYRISER DIAGRAM - TECHNOLOGYDETAILS - TECHNOLOGYDETAILS - TECHNOLOGYDETAILS - TECHNOLOGYDETAILS - TECHNOLOGY	X X X X X X	F F F F
T03-01 T04-01 T05-01 T06-01 T07-01 T07-02 T07-03 T08-01	FLOOR PLAN - LEVEL 01 - LOW VOLTAGEFLOOR PLAN - LEVEL 01 - SECURITYENLARGED PLAN - TECHNOLOGYRISER DIAGRAM - TECHNOLOGYDETAILS - TECHNOLOGYDETAILS - TECHNOLOGYDETAILS - TECHNOLOGYSCHEDULES - TECHNOLOGY	x x x x x x x x x x	F F F F
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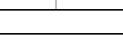
PROJECT GENER	/
TES APPLY TO ALL DRAWINGS. RIALS, CONSTRUCTION METHODS	5

- ARCHITECT OF ANY DISCREPANCIES.
- NOTIFY ARCHITECT OF ANY DISCREPANCIES.
- FABRICATION.
- FABRICATION. LOCATIONS.
- AROUND PENETRATIONS.
- JURISDICTION.
- DIMENSIONED OR DETAILED.
- TEXTURE AND COLOR.
- AS PER NEW FINISHES REQUIREMENTS.
- PLUMBING OR ELECTRICAL WORK.

RAL NOTES PROJECT DATA PROJECT NAME HCA - LEE'S SUMMIT MEDICAL CENTER - ADMINISTRATION TENANT IMPROVEMENT GENERAL NOTE LABOR, MATER AND WORK TO CONFORM TO THE ADDRESS 2000 SE BLUE PKWAY LATEST GOVERNING CODES, RULES AND REGULATIONS FOR THIS PROJECT AND JURISDICTION. THE MOST STRINGENT SHALL PREVAIL. LEE'S SUMMIT, MO 64063 WHEN REQUIRED BY CODE, RULES OR REGULATIONS, WORK MUST BE INSPECTED BRIEF PROJECT DESCRIPTION AND APPROVED BY AUTHORITY HAVING JURISDICTION. VERIFY EXISTING SITE CONDITIONS PRIOR TO STARTING WORK AND NOTIFY VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO FABRICATION AND/OR CONSTRUCTION; NOTIFY ARCHITECT OF ANY DISCREPANCIES BETWEEN EXISTING THIS PROJECT INCLUDES THE FOLLOWING COMPONENT: CONDITIONS AND THESE DRAWINGS WHICH AFFECT THE SCOPE AND INTENT OF THE WORK DESCRIBED IN THE CONSTRUCTION DOCUMENTS. •LEVEL 1: DO NOT MEASURE DRAWINGS. DIMENSIONS TO BE FIELD MEASURED AND VERIFIED. -ADMINISTRATION TENANT IMPROVEMENT/RELOCATION On level 1, the existing OP infusion will be demolished to accommodate the new administration FIELD VERIFY DIMENSIONS OF OPENINGS FOR DOORS AND WINDOWS PRIOR TO area. The project won't impose additional square footage to the overall existing MOB footprint nor will it change the existing B occupancy of the area. FIELD VERIFY SPACES REQUIRING CABINETS, COUNTERS, CASEWORK, ETC. PRIOR TO . COORDINATE MECHANICAL, PLUMBING AND ELECTRICAL CHASE SIZES AND 10. GYPSUM BOARD TO BE 5/8" TYPE 'X' FIRE RATED UNLESS NOTED OTHERWISE. 11. GYPSUM BOARD AT NON-RATED INTERIOR PARTITIONS TERMINATES 6" (MINIMUM) ABOVE THE HIGHEST ADJACENT CEILING UNLESS NOTED OTHERWISE. Building Information (MOB I) 2. SCRIBE GYPSUM BOARD TO IRREGULARITIES OF ADJACENT SURFACES; SEAL TIGHT **OVERALL BUILDING HEIGHT** 2 STORIES (EXISTING) 45 FEET 13. SEAL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES WITH APPROVED OVERALL BUILDING AREA (GROSS) 66,296 SF (EXISTING) MATERIALS AND METHODS MEETING REQUIREMENTS OF AGENCY HAVING 4. NEW WORK TO ALIGN WITH AND MATCH EXISTING EXCEPT WHERE OTHERWISE ADMINISTRATION TOTAL PROJECT AREA (GROSS) LEVEL 1: .5. WHEN EXISTING EQUIPMENT, FIXTURES, PIPING, DUCTS, ETC. ARE REMOVED SUCH 3,845 (SF) REMOVAL SHALL INCLUDE ANCHORS, HANGERS, BASE, ETC.; AFTER REMOVAL, PATCH FLOORS, WALLS AND CEILINGS TO MATCH ADJACENT SURFACES IN MATERIAL, CONSTRUCTION TYPE (MOB I) IIB .6. PATCH EXISTING PARTITIONS AND WALLS WITHIN THE SCOPE OF THE PROJECT THAT Fire Sprinklers Full Per NFPA 13 ARE DENTED OR DAMAGED AND FILL ALL NAIL HOLES, ETC. TO PREPARE FOR FINISH Fire Alarms Provided 7. PATCH AND REPAIR PARTITIONS, WALLS AND FLOORS CUT OUT FOR MECHANICAL, Emergency Lighting Provided 18. PROVIDE GYPSUM BOARD BARRIER (FIRE RATED ASSEMBLIES WHERE REQUIRED) Fire Resistance Rating Requirements for Building Elements WITH ACCESS BETWEEN CONSTRUCTION AREA AND EXISTING AREA TO REMAIN. NO FUMES, DUST OR DEBRIS IS PERMITTED OUTSIDE OF THE CONSTRUCTION BARRIER. Building Element / Occupancy Type TYPE IIB CONSTRUCTION (MOB I) / B - OCCUPANCY Primary Structural Frame 0 Hours Bearing walls: Exterior 0 Hours Bearing walls: Interior 0 Hours DISCLAIMER Nonbearing walls and partitions: Exterior Varies by distance from property line. See IBC table 602. THESE COMPOSITION PLANS WERE DEVELOPED USING THE RECORD CONSTRUCTION Nonbearing walls and partitions: Interior 0 Hours PLANS PROVIDED BY THE CLIENT. RECORD DRAWINGS WERE UTILIZED TO GENERATE THE Floor construction and associated secondary members 0 Hours COMPOSITE PLANS. VERIFICATIONS WERE MADE FOR MINOR ALTERATION AND DEVIATIONS FROM THE ORIGINAL CONSTRUCTION PLANS. EXTENSIVE AS-BUILT Roof construction and associated secondary members Oc Hours VERIFICATION WAS NOT PERFORMED FOR THE COMPOSITE PLANS. THE COMPOSITE PLANS WERE UTILIZED FOR THE BASE PLANS FOR THE DEVELOPMENT OF THE a. Roof Supports: Ffire-resistance ratings of primary structural frame and bearing walls are permitted to be reduce by 1 hour where supporting roof only. b. MECHANICAL AND ELECTRICAL COMPOSITE PLANS. LIMITED FIELD VERIFICATION OF Except in Group F-1, H, M and S-1 occupancies, fire protection of structural members shall not be required, including protection of roof framing and decking MECHANICAL AND ELECTRICAL SYSTEMS WERE PERFORMED TO DETERMINE LOCATIONS where every part of the roof construction is 20 feet or more above any floor immediately below. Fire-retardant-treated wood members shall be allowed to be OF MAJOR COMPONENTS, FIRE PROTECTION AND LIFE SAFETY SYSTEMS used for such unprotected members. c. In all occupancies, heavy timber complying with section 2304.11 shall be allowed where 1-hour or less fire-resistance rating is required. DEFERRED SUBMITTALS Governing Codes (Local) Life Safety, Building Code, & Accessibility Review - City of Lee's Summit, MO 2018 International Building Code. FIRE/SMOKE ALARM DESIGN AND ENGINEERING FIRE SUPPRESSION DESIGN AND ENGINEERING 2017 National Electrical Code. SPRAY APPLIED FIRE PROOFING DESIGN AND ENGINEERING 2018 International Mechanical Code. • FIRE RESISTANT JOINT SYSTEM DESIGN AND ENGINEERING INTERIOR SIGNAGE DESIGN AND ENGINEERING 2018 International Plumbing Code. • LIGHT GAGE METAL STUD FRAMING DESIGN AND ENGINEERING 2018 Fuel Gas Code.



CLASSIFICATION	OCCUPANCY	DESCRI
BUSINESS		
	В	BUSINESS OPERATIC
		REQUIRED
		PROVIDED



EMENTS IPTION WATER CLOSETS LAVATORIES BATHTUBS OR DRINKING FOUNTAINS OTHER SHOWERS FEMALE MALE FEMALE MALE 1 PER 25 FOR FIRST 50 & 1 PER 25 FOR FIRST 50 & 1 PER 40 FOR FIRST 80 & 1 PER 40 FOR FIRST 80 & 1 PER 100 1 PER 50 FOR 1 PER 50 FOR 1 PER 80 FOR 1 PER 80 FOR IONS (B OCCUPANCY) REMAINING REMAINING REMAINING REMAINING N/A 1 SERVICE SINK

6

2018 International Fire Code.

ICC/ANSI A117.1-2009, Accessible and Usable Buildings and Facilities

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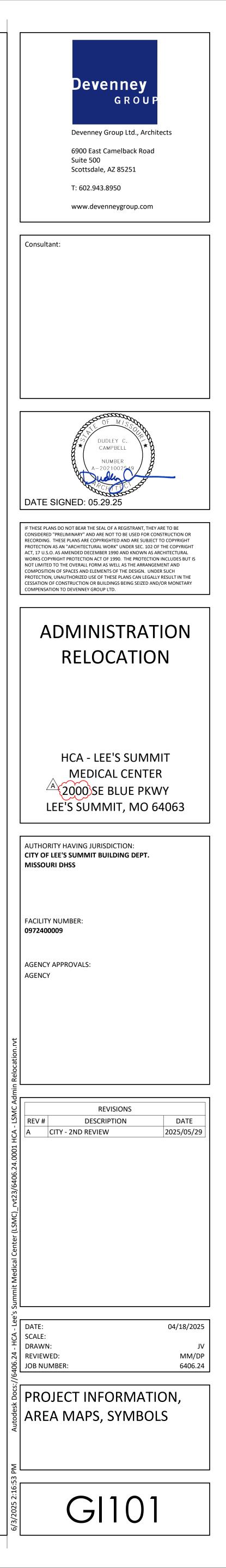
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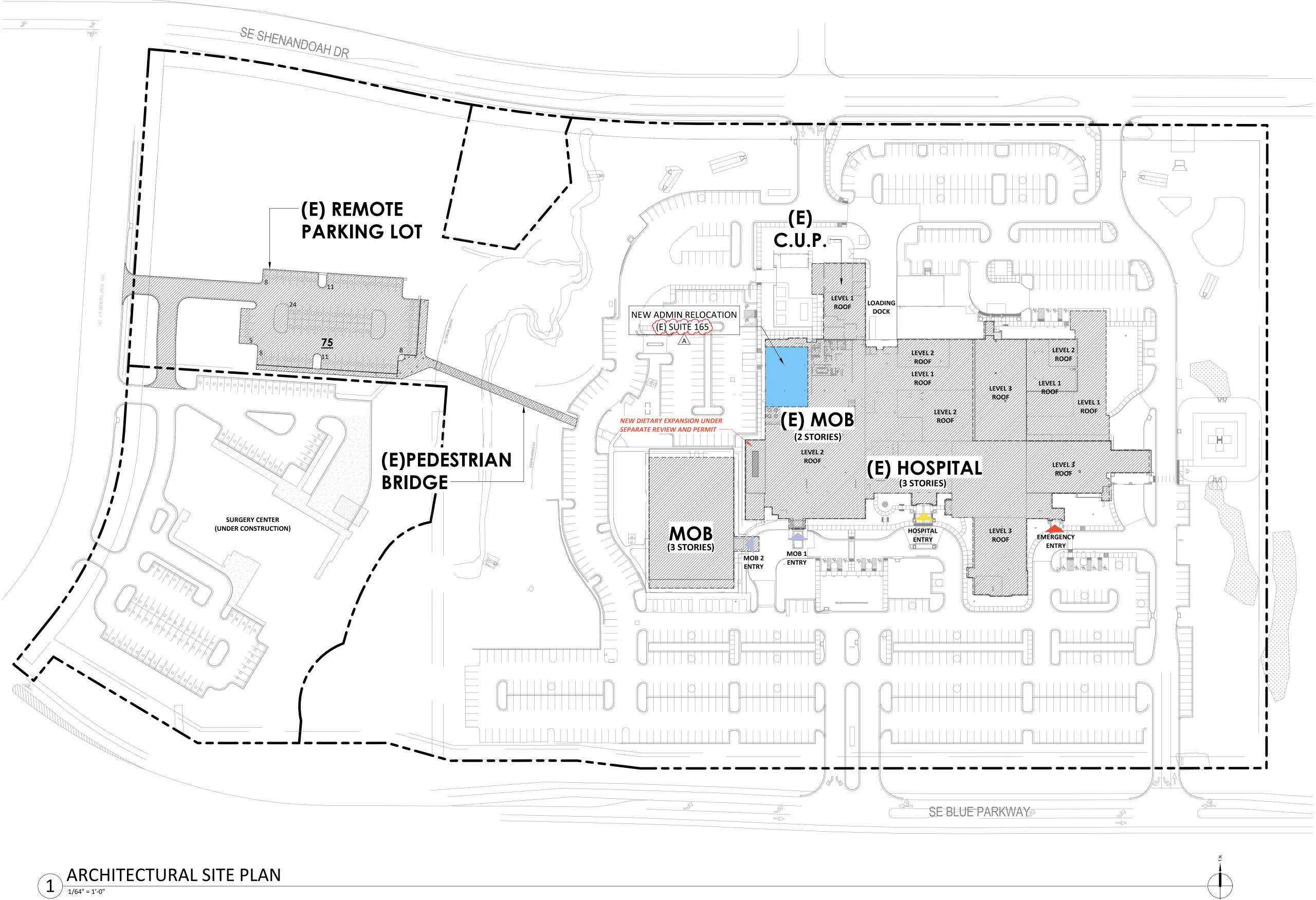
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T IS 72 OCCUPANTS. REFER TO SHEET AC101 FOR ADDITIONAL INFORMATION ON OCCUPANT LOAD CALCULATIONS.

6

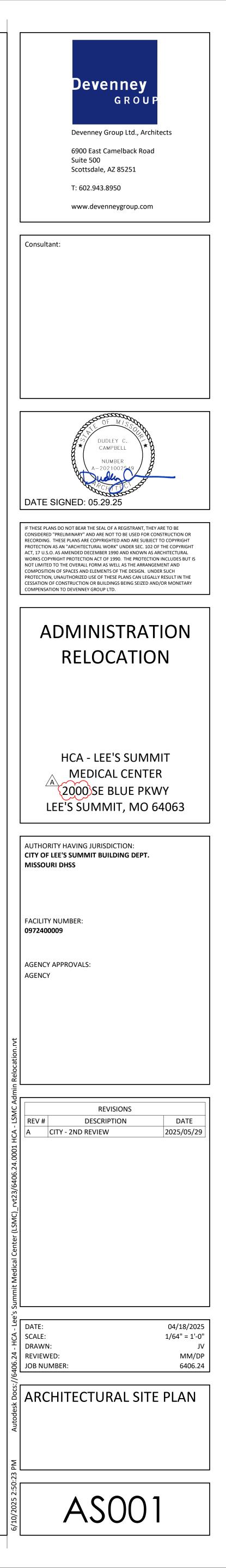
FROM FACILITIES FOR INMATES OR CARE RECIPIENTS 2. THE OCCUPANT LOAD FOR SEASONAL OUTDOOR SEATING AND ENTERTAINMENT AREAS SHALL BE INCLUDED WHEN DETERMINING THE MINIMUM NUMBER OF FACILITIES REQUIRED

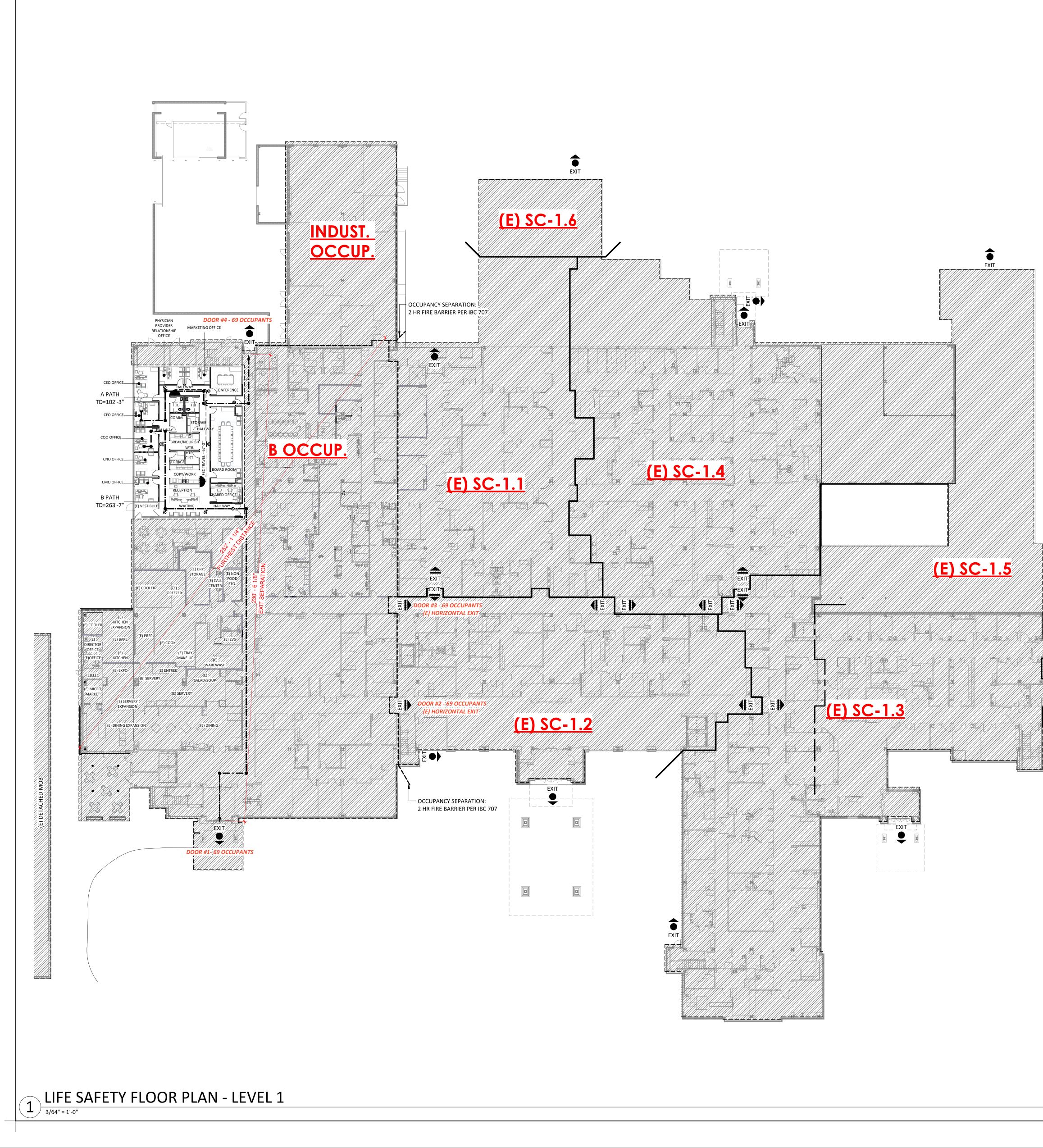






NO CHANGE IN OCCUPANTS, THEREFORE NO CHANGE IN PARKING CALCS.





MAXIMUM FLOOR AREA		OWANCE	S PER
FUNCTION OF SPACE	ID	LOAD FACTOR	COMMENT
ACCESSORY STORAGE AREAS	S	300 SF	GROSS
ASSEMBLY W/O FIXED SEATS - CHAIRS ONLY	AC	7 SF	NET
ASSEMBLY W/O FIXED SEATS - TABLES & CHAIRS (WAITING)	AT	15 SF	NET
BUSINESS AREA (OFFICE)	В	150 SF	GROSS
INSTITUTIONAL - INPATIENT TREATMENT AREA	11	240 SF	GROSS
INSTITUTIONAL - OUTPATIENT AREA	10	100 SF	GROSS
INSTITUTIONAL - SLEEPING AREA	IS	120 SF	GROSS

NUMBER	NAME	AREA	OCC ID	LOAD FACTOR	OCC LOAD
1-1335	(E) VESTIBULE	78 SF			
2-2000	WAITING	102 SF	AT	15 SF	7
2-2001	RECEPTION	139 SF	В	150 SF	1
2-2002	CEO OFFICE	198 SF	В	150 SF	2
2-2003	CNO OFFICE	139 SF	В	150 SF	1
2-2004	COO OFFICE	139 SF	В	150 SF	1
2-2005	CFO OFFICE	137 SF	В	150 SF	1
2-2006	CMO OFFICE	132 SF	В	150 SF	1
2-2007	PHYSICIAN PROVIDER RELATIONSHIP OFFICE	106 SF	В	150 SF	1
2-2008	MARKETING OFFICE	106 SF	В	150 SF	1
2-2009	SHARED OFFICE	143 SF	В	150 SF	1
2-2010	CONFERENCE	213 SF	AT	15 SF	15
2-2011	BOARD ROOM	552 SF	AT	15 SF	37
2-2012	COPY/WORK	124 SF	В	150 SF	1
2-2013	STORAGE	46 SF	S	300 SF	1
2-2014	STORAGE	45 SF	S	300 SF	1
2-2015	BREAK/NOURISH	114 SF	В	150 SF	1
2-2016	СОММ	75 SF	S	300 SF	1
2-2017	STORAGE	56 SF	S	300 SF	1
2-2018	TLT	51 SF	В	150 SF	1
2-2019	TLT	54 SF	В	150 SF	1

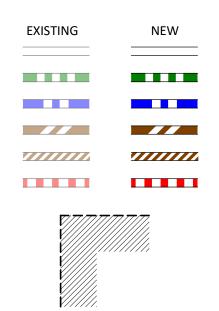
LEVEL 1 EXISTING OCCUPANT LOAD AT B OCCUPANCY = 197 OCCUPANTS LEVEL 1 ADMINISTRATION OCCUPANT LOAD AT B OCCUPANCY = 77 OCCUPANTS 274 OCCUPANTS / 4 EXITS = 69 OCCUPANTS PER EXIT

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LIFES	SAFETY LEGEND
	EXIT
	EXIT ACCESS DOORWAY
	HORIZONTAL EXIT/ SMOKE COMPARTMENT EXIT
	TRAVEL DISTANCE
	INDICATES SMOKE COMPARTMENT SEPARATIONS (NEW PARTITIONS TO BE CONSTRUCTED PER THE PARTITION TYPES & DETAILS SHEETS)
FEC	FIRE EXTINGUISHER CABINET. PROVIDE FIRE EXTINGUISHERS THROUGHOUT THE PROJECT SO THAT OCCUPANTS ARE WITHIN A 75'-0" TRAVEL DISTANCE. REFER TO IFC TABLE 906.3(1)
FE	SURFACE MOUNTED FIRE EXTINGUISHER
	ILLUMINATED EXIT SIGN

MEANS OF EGRESS GENER	al notes
THE FOLLOWING MINIMUM CLEAR WIDTHS COMPONENTS SHALL BE MET OR EXCE	0. 20.200
COMPONENT	MINIMUM CLEAR WIDTH
DOORS:	
MEANS OF EGRESS	32 INCHES
MEANS OF EGRESS IN I-2 OCCUPANCY USED FOR MOVEMENT OF BEDS	41 1/2 INCHES
STAIRWAYS:	
GENERAL	44 INCHES
AISLES:	36 INCHES
CORRIDORS, RAMPS, AND EXIT PASSAGEWAYS:	
50 OCCUPANTS OR GREATER	44 INCHES
LESS THAN 50 OCCUPANTS	36 INCHES
WHERE REQUIRED FOR BED	
MOVEMENT	96 INCHES
OUTPATIENT GURNEY TRAFFIC	72 INCHES

PARTITION LEGEND



LEVEL 1

DOOR #2 @ MOB ENT. 76

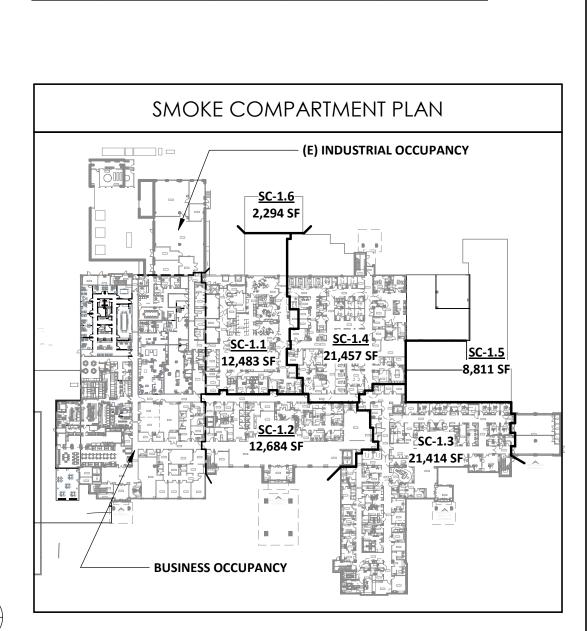
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DOOR #5 @ REAR

NON-RATED PARTITION 2-HOUR FIRE BARRIER 1-HOUR FIRE BARRIER **1-HOUR SMOKE BARRIER** SMOKE PARTITION **1-HOUR FIRE PARTITION**

LIMITS OF CONSTRUCTION (SHADE INDICATES AREA OUTSIDE OF SCOPE)

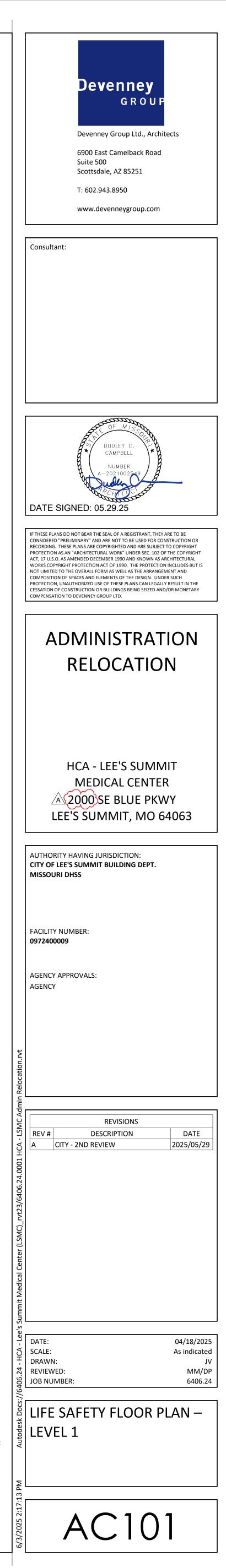
<u>EXIT</u>	ACCESSS 1	<u>IRAVEL I</u>	DISTANCE	- LEVEL 1
PER IBC 10	16.1 THE MAX LEN	IGTH OF EXIT	ACCESS TRAVEL	SHALL NOT EXCEED
	3	00FT (B OCCL	JPANCY)	
	PATH N	AME		DISTANCE
LEVEL 1	Δ ΡΔ	T 11		102 2"
	,,,,,			102'-3"
	B PA	IH		263'-7"
MINIMUM	EXIT C		CHEDULE	DTH CALCULATED
	SECTION 1005.3 A			
PRO	/IDED ASSUMES LE	EAF THICKNES	SS OF 2", INCLUD	ING HINGES
	EXIT		WIDTH	WIDTH



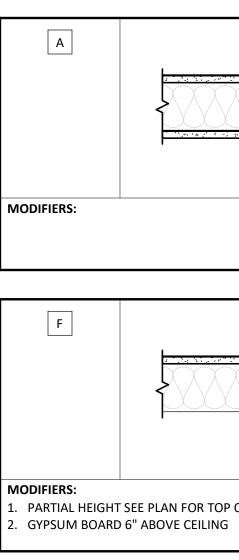
31 3/4"

31 3/4"

36"



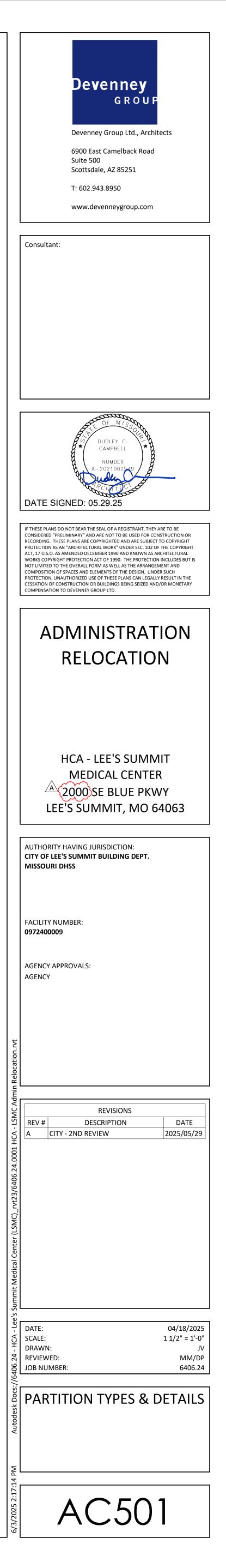
CATEGORY	FUNCTION	DESCRIPTION	REQUIRED RATING	TYPE OF PROTECTION	BASIS OF DESIGN PRODUCT	LISTED DETAIL	NOTES
PARTITIONS	SEPARATION OF ACCESSORY USE AREAS PER NFPA	RATED PARTITIONS	1-HOUR	GYPSUM BOARD / STEEL STUD ASSEMBLY	US GYPSUM PRODUCTS	UL DESIGN U419	SEE "LISTED DETAILS" SHEETS FOR FUL DETAIL DESCRIPTION
JOINTS	INTERIOR STUD PARTITION BASE & HEAD TERMINATION @ RATED DECK	RATED WALL JOINT	1-HOUR & 2-HOUR	FIRE RESISTIVE JOINT MATERIAL ASSEMBLY FOR STUD ASSEMBLIES	US GYPSUM PRODUCTS	BW-S-0002 BW-S-0013 BW-S-0020 BW-S-0023 BW-S-0039 HW-D-0181 HW-D-0294 HW-D-0259 HW-D-0264 HW-D-0324 HW-D-0324 HW-D-0303 HW-D-0338 HW-D-0538 HW-D-0570 HW-D-0571 HW-D-0572 HW-D-0572 HW-D-0579 HW-D-0871 HW-D-0871	SEE "LISTED DETAILS" SHEETS FOR FUL DETAIL DESCRIPTION
	INTERIOR SHAFT STUD WALL HEAD / SILL TERMINATIION	RATED WALL JOINT	1-HOUR & 2-HOUR	FIRE RESISTIVE JOINT MATERIAL ASSEMBLY FOR STUD ASSEMBLIES	US GYPSUM PRODUCTS	BW-S-023, HW-D-0646	SEE "LISTED DETAILS" SHEETS FOR FUL DETAIL DESCRIPTION
	PENETRATION OF RATED STUD PARTITIONS BY STRUCTURAL FRAMING MEMBERS	RATED PENETRATION JOINT	1-HOUR & 2-HOUR	FIRE RESISTIVE JOINT MATERIALS FOR STUD ASSEMBLIES	VARIES - SEE UL DETAIL	HW-D-0218	SEE "LISTED DETAILS" SHEETS FOR FUL DETAIL DESCRIPTION
	EDGE OF 2ND FLOOR SLAB AT CURTAIN WALLS	RATED SLAB EDGE JOINT	1-HOUR	FIRE RESISTIVE JOINT MATERIAL ASSEMBLY FOR DISSIMILAR MATERIALS	VARIES - SEE UL DETAIL	CEJ 421 P CW-D-1003	SEE "LISTED DETAILS" SHEETS FOR FUL DETAIL DESCRIPTION
	INTERIOR RATED EXPANSION JOINT AT SMOKE BARRIER WALLS	RATED EXPANSION JOINT	1-HOUR	FIRE RESISTIVE JOINT MATERIAL ASSEMBLY FOR GYPSUM BOARD	FIRELINE 520	CSI/EJCA-120-01 CSI/EJCA-120-02 UL FF-D-3006 UL WW-D-3007 UL FF-D-4002	SEE "LISTED DETAILS" SHEETS FOR FUL DETAIL DESCRIPTION
PENETRATIONS	RATED PARTITION PENETRATIONS FOR MECHANICAL, PLUMBING, OR ELECTRICAL ITEMS	VARIOUS PENETRATIONS THROUGH RATED PARTITIONS AS REQUIRED	1-HOUR & 2-HOUR	FIRE RESISTIVE JOINT MATERIAL / ASSEMBLY	VARIES	W-L-1001 W-L-1146 W-L-1166 W-L-1054 W-L-1206 W-L-1462 W-L-3161 W-L-3334 W-L-3334 W-L-3414 W-L-5001 W-L-7130 W-L-7155 W-L-7155 W-L-8023	SEE "LISTED DETAILS" SHEETS FOR FUL DETAIL DESCRIPTION
	RATED DECK PENETRATIONS FOR MECHANICAL, PLUMBING, OR ELECTRICAL ITEMS	VARIOUS PENETRATIONS THROUGH RATED DECKING AS REQUIRED	1-HOUR	FIRE RESISTIVE JOINT MATERIAL / ASSEMBLY	VARIES	UL DESIGN C-AJ-5156	SEE "LISTED DETAILS" SHEETS FOR FU DETAIL DESCRIPTION

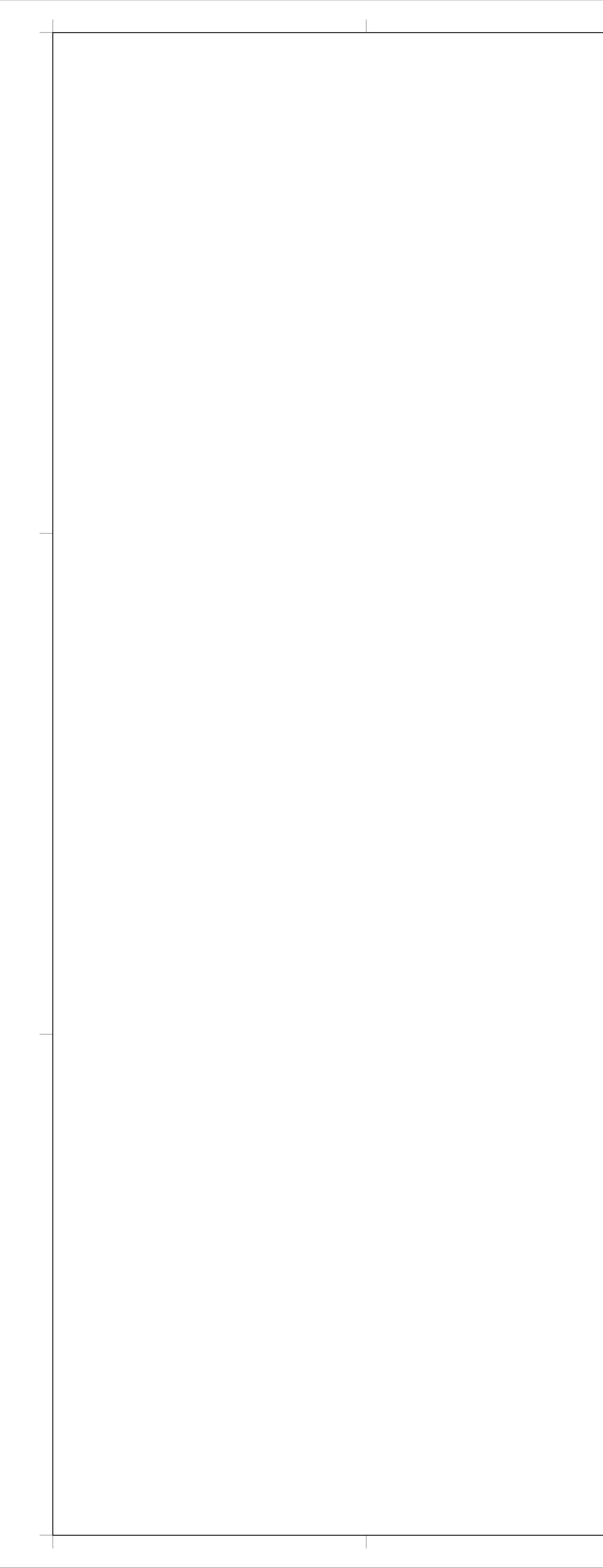


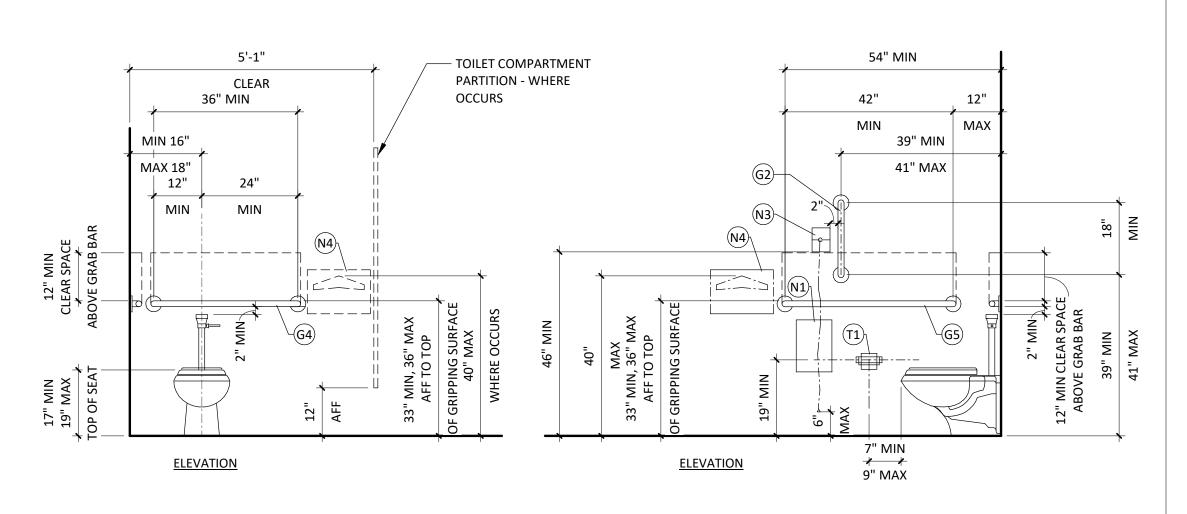
	— 5/8" TYPE 'X' GYPSUM BOARD	PARTITION TYPE	STUD WIDTH
		A1	1 1/2"
	STEEL STUD	A2	2 1/2"
		A3	3 5/8"
	INSULATION WHERE OCCURS	A4	4"
	— 5/8" TYPE 'X' GYPSUM BOARD	A6	6"
	S/8 THE X GH SOW BOARD	A8	8"
	— 5/8" TYPE 'X' GYPSUM BOARD	PARTITION	STUD
1	— 5/8" TYPE 'X' GYPSUM BOARD		
	— 5/8" TYPE 'X' GYPSUM BOARD — STEEL STUD	PARTITION TYPE	STUD WIDTH 1 1/2"
		PARTITION TYPE F1	STUD WIDTH 1 1/2" 2 1/2"
		PARTITION TYPE F1 F2	STUD WIDTH 1 1/2" 2 1/2"
		PARTITION TYPE F1 F2 F3	STUD WIDTH 1 1/2" 2 1/2" 3 5/8"

	PARTITIONS GENERAL NOTES
1.	ALL PARTITIONS TO EXTEND TO DECK ABOVE UNLESS NOTED OTHERWISE.
2.	BRACE PARTITION TO STRUCTURE ABOVE.
3.	PROVIDE MOISTURE RESISTANT GYPSUM BOARD (OR CEMENT BOARD) AT WALL TILE
	LOCATIONS IN LIEU OF STANDARD GYPSUM BOARD.
4.	PROVIDE STEEL STUD SILL AND HEADER AT ALL INTERIOR PARTITION PENETRATIONS
_	FOR CONDUIT AND CABLE TRAYS AS REQUIRED.
5.	PROVIDE FIRE BATTS AND FIRE SAFING AND SEALANT ASSEMBLIES AT ALL
	PENETRATIONS THROUGH RATED PARTITIONS AS REQUIRED.
6.	FOR STC RATINGS SEE DIMENSION PLANS. PROVIDE CONTINUOUS ACOUSTICAL
	SEALANT AT THE BOTTOM TRACK AND AT TOP TRACK WHERE PARTITION EXTENDS
	TO DECK.
7.	STUD DEPTHS, HEIGHTS AND LIMITS TO BE ENGINEERED BY THE STUD DESIGN
	ENGINEER.
	PARTITIONS LEGEND
	A4 #

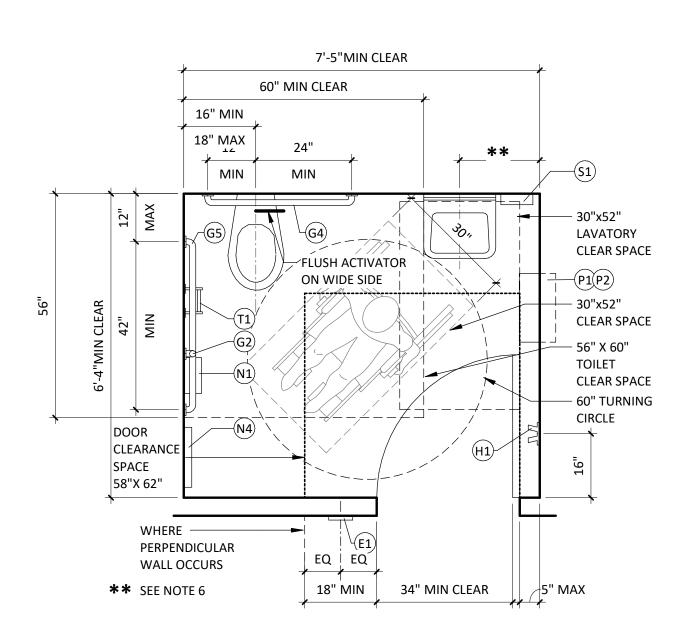
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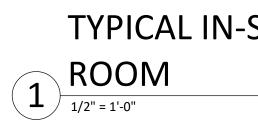




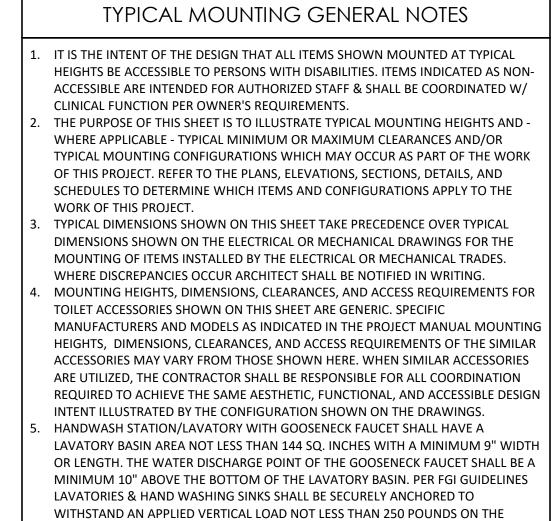








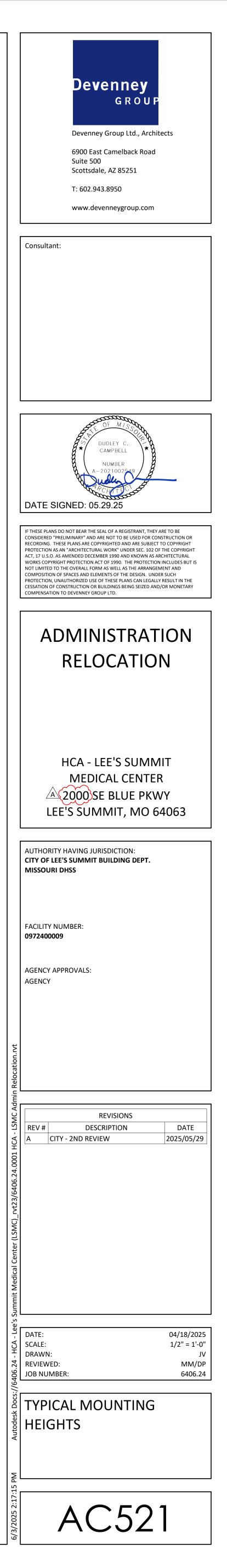
TYPICAL IN-SWING DOOR ACCESSIBLE TOILET



FIXTURE & MILLWORK FRONT. 18" MIN WHEN USING [P1] (WASTE RECEPTACLE SHALL NOT ENCROACH ON FIXTURE CLEAR SPACE OR TURNING RADIUS. COORDINATE SIZE WITH OWNER) 20" MIN WHEN USING A [P3] COMBINATION UNIT.

ACCESSORY LEGEND

- (Y1) SURFACE MOUNTED FOLDING SHOWER SEAT- 'L' SHAPE
- (Y2) SURFACE MOUNTED FOLDING SHOWER SEAT- RECTANGULAR
- (X1) SHOWER CURTAIN ROD
- (X2) TRENCH DRAIN @TOE OF COVE
- (W1) HAND HELD FLEXIBLE SHOWER SPRAY & HOSE 59" LONG MIN.
- (T1) SURFACE MOUNTED OR RECESSED TOILET PAPER DISPENSER
- (S1) SOAP DISPENSER (ADULT) (S2) SOAP DISPENSER (CHILD)
- (S3) SOAP DISH
- (S4) COUNTER MOUNTED SOAP DISPENSER
- (P1) SURFACE MOUNTED OR RECESSED PAPER TOWEL DISPENSER
- (BOBRICK B-262/B-359) (P2) PAPER TOWEL DISPENSER (CHILD)
- (P3) SEMI RECESSED PAPER TOWEL DISPENSER & WASTE
- RECEPTACLE (BOBRICK B-3944)
- (N3) NURSE CALL PULL CORD
- (N4) TOILET SEAT COVER DISPENSER
- (N5) BEDPAN WASH
- (N1) SURFACE MOUNTED SANITARY NAPKIN DISPOSAL AT FEMALE AND UNISEX TOILET ONLY
- (N2) RECESSED SANITARY NAPKIN DISPOSAL AT FEMALE AND UNISEX TOILET ONLY
- (M1) 24"WX36"H SURFACE MOUNTED MIRROR
- (M6) 18"WX24"H SURFACE MOUNTED MIRROR
- (H1) SURFACE MOUNTED COAT HOOK
- (G1) 12" LENGTH GRAB BAR (G2) 18" LENGTH GRAB BAR
- (G3) 24" LENGTH GRAB BAR
- G4) 36" LENGTH GRAB BAR
- (G5) 42" LENGTH GRAB BAR
- (E1) TACTILE ROOM SIGN WHERE OCCURS



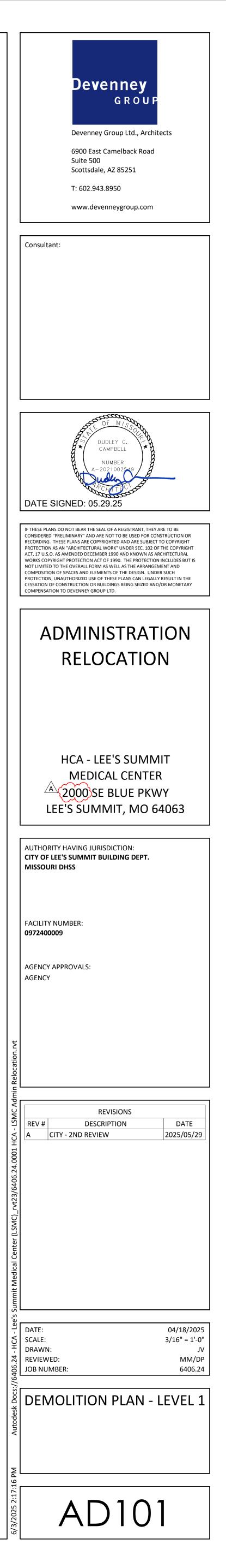


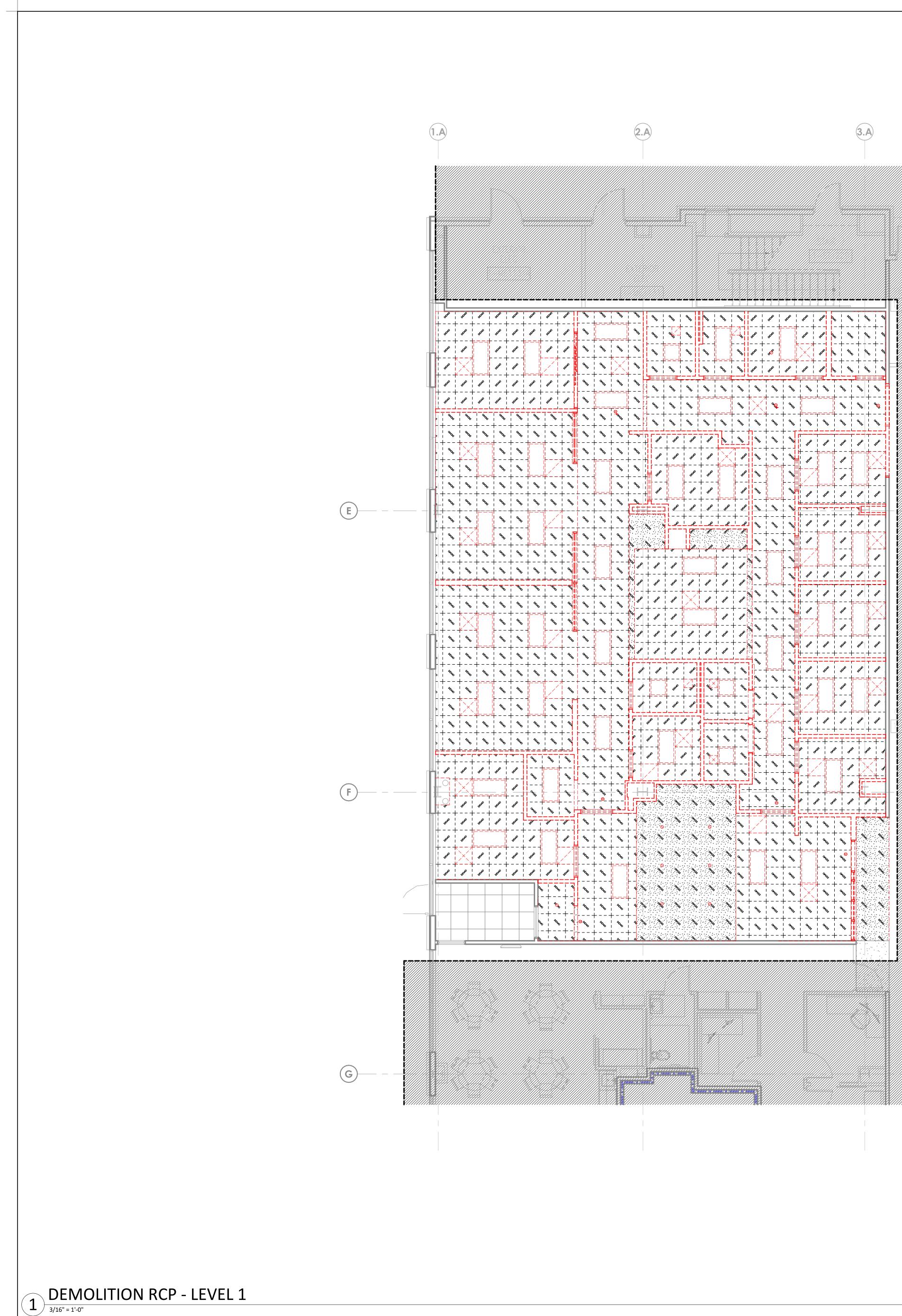
DEMOLITION GENERAL NOTES DELIVER SALVAGED ITEMS TO THE OWNER AS DESIGNATED BY THE OWNER'S REPRESENTATIVE. THIS MAY INCLUDE BUT IS NOT LIMITED TO CASEWORK, FURNITURE, DOORS, DOOR HARDWARE, DISPENSERS, MARKERBOARDS, MEDICAL EQUIPMENT, MEDICAL GAS ITEMS, PLUMBING FIXTURES, LIGHT FIXTURES, AND MECHANICAL EQUIPMENT. ALL OTHER ITEMS SHALL BE DISPOSED OF BY CONTRACTOR. PATCH AND REPAIR FLOOR, WALL, AND CEILING PENETRATIONS WHERE ITEMS HAVE BEEN REMOVED TO MATCH EXISTING FINISH. SEAL RATED ASSEMBLIES WITH APPROVED U.L. RATED MATERIALS. PROTECT ADJACENT ITEMS THAT ARE TO REMAIN INCLUDING, BUT NOT LIMITED TO, FINISHES, CASEWORK, FURNITURE, DOORS, PLUMBING FIXTURES, CEILING ASSEMBLIES, AND MECHANICAL EQUIPMENT. PROTECT STRUCTURAL COLUMNS, BEAMS, AND FRAMING. MAINTAIN SPRAYED ON FIREPROOFING RATING AT STRUCTURAL MEMBERS. DAMAGE TO FIREPROOFING SHALL BE PATCHED AND/OR REPLACED TO BRING TO ORIGINAL AND/OR REQUIRED PROTECTION RATING. REMOVE EXISTING FLOOR FINISHES AND PREPARE EXISTING SLAB FOR NEW FINISH INSTALLATION, U.N.O. DEMOLITION LEGEND _____ DEMO PARTITION DEMO DOOR AND FRAME ŒĦĦĦŦ DEMO WINDOW AND FRAME OI DEMO EXISTING PLUMBING FIXTURE (ר=ח) DEMO EXISTING FLOOR SLAB FOR NEW PLUMBING / ELECTRICAL ▕∠∠∠∠∠∠∠ PARTITION LEGEND EXISTING NEW _____ NON-RATED PARTITION 2-HOUR FIRE BARRIER 1-HOUR FIRE BARRIER 1-HOUR SMOKE BARRIER SMOKE PARTITION **1-HOUR FIRE PARTITION** LIMITS OF CONSTRUCTION (SHADE INDICATES AREA OUTSIDE OF SCOPE)

KEYNOTE LEGEND

KEY NOTE

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DEMOLITION GENERAL NOTES

- L. DELIVER SALVAGED ITEMS TO THE OWNER AS DESIGNATED BY THE OWNER'S REPRESENTATIVE. THIS MAY INCLUDE BUT IS NOT LIMITED TO CASEWORK, FURNITURE, DOORS, DOOR HARDWARE, DISPENSERS, MARKERBOARDS, MEDICAL EQUIPMENT, MEDICAL GAS ITEMS, PLUMBING FIXTURES, LIGHT FIXTURES, AND MECHANICAL EQUIPMENT. ALL OTHER ITEMS SHALL BE DISPOSED OF BY CONTRACTOR.
- PATCH AND REPAIR FLOOR, WALL, AND CEILING PENETRATIONS WHERE ITEMS HAVE BEEN REMOVED TO MATCH EXISTING FINISH. SEAL RATED ASSEMBLIES WITH
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- ASSEMBLIES, AND MECHANICAL EQUIPMENT. PROTECT STRUCTURAL COLUMNS, BEAMS, AND FRAMING. MAINTAIN SPRAYED ON FIREPROOFING RATING AT STRUCTURAL MEMBERS. DAMAGE TO FIREPROOFING
- SHALL BE PATCHED AND/OR REPLACED TO BRING TO ORIGINAL AND/OR REQUIRED PROTECTION RATING. REMOVE EXISTING FLOOR FINISHES AND PREPARE EXISTING SLAB FOR NEW FINISH INSTALLATION, U.N.O.

REFLECTED CEILING LEGEND							
EXISTING	DEMO !!_ !_***_!_ !_***_!_	2 X 2 ACOUSTICAL CEILING GRID SYSTEM					
		2 X 4 ACOUSTICAL CEILING GRID SYSTEM					
	[, -, -, -, -, -, -, -, -, -, -, -, -,	GYPSUM BOARD					
		RECESSED FLUORESCENT / LED FIXTURE					
0		SURFACE MOUNT FLUORESCENT / LED FIXTURE					
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$\overline{\mathbb{S}}$	(ŝ)	SPEAKER					
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۲	Ð	SPRINKLER					
		UNDER CABINET LIGHT					
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		ACCESS PANEL (DIMENSIONED ON PLAN)					
		RETURN AIR GRILLE					
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PARTITION LEGEND

EXISTING NEW _____ _____

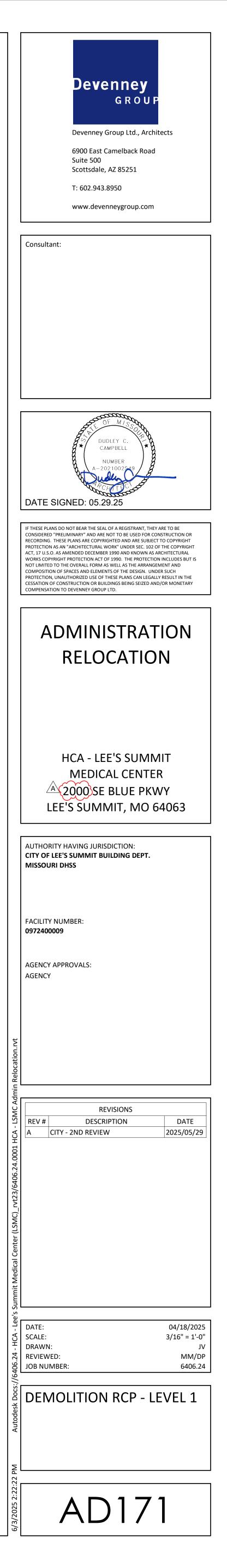
NON-RATED PARTITION 2-HOUR FIRE BARRIER 1-HOUR FIRE BARRIER

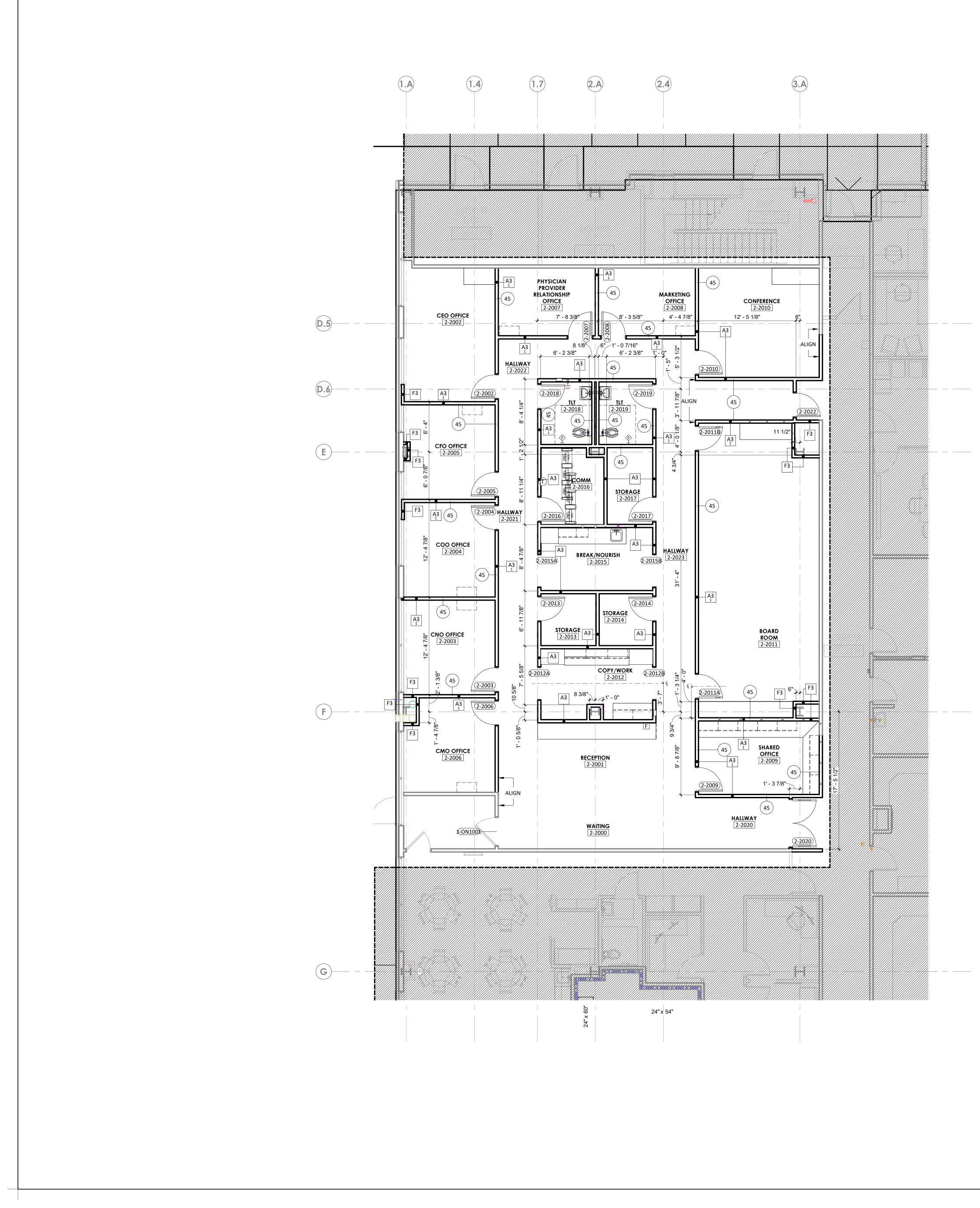
- 1-HOUR SMOKE BARRIER SMOKE PARTITION
- **1-HOUR FIRE PARTITION**

LIMITS OF CONSTRUCTION (SHADE INDICATES AREA OUTSIDE OF SCOPE)

KEY NOTE

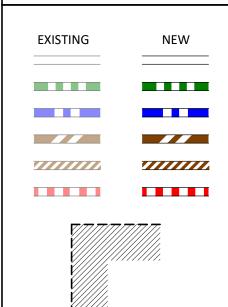
KEYNOTE LEGEND





	DIMENSION PLANS GENERAL NOTES
1.	THE WORD "CLEAR" INDICATES CRITICAL DIMENSIONS FOR ACCESSIBLE EQUIPMENT
	OR FUNCTIONAL CLEARANCES FROM FACE OF FINISH TO FACE OF FINISH.
2.	DIMENSIONS MEASURE FROM THE EXPOSED SURFACE OF EXISTING WALLS,
	PARTITIONS, COLUMNS, ETC.; NEW PARTITIONS ARE DIMENSIONED TO THE FACE OF
	THE FRAMING; MEASURE AND VERIFY DIMENSIONS IN FIELD.
3.	ALL INFORMATION GRAYED-OUT INDICATES EXISTING OR SCOPE PROVIDED BY
	OTHERS.
4.	WHERE NEW PARTITIONS ABUT EXISTING PARTITIONS, BUILD NEW PARTITION TIGHT
	TO FACE OF EXISTING PARTITION U.N.O.

PARTITION LEGEND



- NON-RATED PARTITION 2-HOUR FIRE BARRIER 1-HOUR FIRE BARRIER 1-HOUR SMOKE BARRIER
- SMOKE PARTITION 1-HOUR FIRE PARTITION

LIMITS OF CONSTRUCTION (SHADE INDICATES AREA OUTSIDE OF SCOPE)

KEYNOTE LEGEND

STC PARTITION RATINGS (##)								
DESIGN CRITERIA FOR MIN. SOUND ISOLATION PERFORMANCE BETWEEN ENCLOSED ROOMS ¹								
TOILET ROOM	PUBLIC SPACE	45						
OFFICE ADJACENT ROOM								

NOTES:

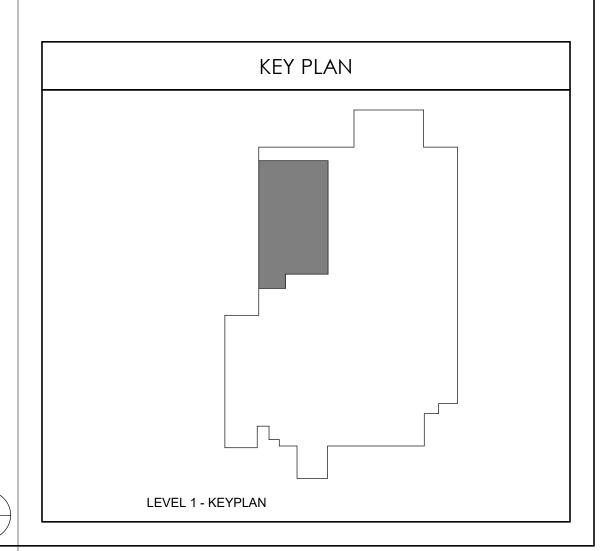
KEY NOTE

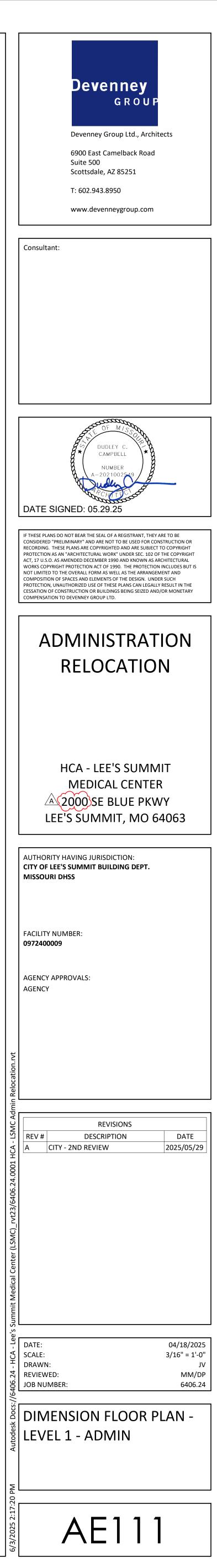
REFER TO SPECIFICATIONS FOR GYP BD REQUIREMENTS AT STC >40 CONDITIONS.

- THE STC VALUES STATED ASSUME THE NEED FOR NORMAL SPEECH PRIVACY AS PER FGI 2018 TABLE 1.2-7 - EXCEPT AT CORRIDOR WALLS WITH DOORS - ASSUMING A BACKGROUND SOUND LEVEL OF AT LEAST 30DBA. WHEN SELECTING ASSEMBLIES BASED ON THEIR TESTED OR PUBLISHED STC RATINGS, IT SHOULD BE NOTED THAT LABORATORY STC TEST REPORTS CAN, IN GENERAL, BE CONSIDERED ACCURATE TO +/- 2 STC POINTS. CONSEQUENTLY, AN ASSEMBLY WITH A TESTED OR PUBLISHED STC RATING AS LOW AS 2 POINTS BELOW THE STATED MINIMUM MAY BE CONSIDERED ACCEPTABLE.
 STC 45 PATING AT OFFICE PROVIDED FOR CONVENIENCE WAT A FEATING AS LOW AS 1000 MIDED FOR CONVENIENCE.
- STC 45 RATING AT OFFICE PROVIDED FOR CONVENIENCE, NOT CODE REQUIRED.
 THIS IS THE PERFORMANCE REQUIRED FOR THE WALL AROUND THE DOOR. NOTE THAT SOUND ISOLATION IN THESE INSTANCES WILL BE LIMITED BY THE DOORS PERFORMANCE (E.G., STC 20 FOR A CLOSE-FITTED 5-PSF DOOR). IT IS UP TO THE FACILITY TO DETERMINE IF DOORS REQUIRE A HIGHER ACOUSTIC PERFORMANCE OR IF FULL PERIMETER GASKETING AND BOTTOM SEALS SHOULD BE REQUIRED. DOORS ARE NOT REQUIRED TO BE SOUND SEALED TO MAINTAIN THE STC RATING, ALTHOUGH A FACILITY MAY CHOOSE TO DO SO FOR SPECIALTY PATIENT ENVIRONMENTS SUCH AS BEREAVEMENT ROOMS, CONSULTATION ROOMS, SLEEP THERAPY ROOMS, ETC.
- RELAXATION OF STC 60 RATINGS SHALL BE PERMITTED IF COMPLIANCE WITH ROOM NOISE REQUIREMENTS IS ACHIEVED WITH LOWER PERFORMANCE CONSTRUCTIONS SEE FGI 2018 TABLE 1.2-5
 ELECTRONIC MASKING SHALL PROVIDE A MAXIMUM BACKGROUND LEVEL OF 48 DBA

STC GENERAL NOTES

- 1. NOT ALL ADJANCIIES LISTED IN STC PARTITION RATINGS LEGEND MAY OCCUR IN THIS PROJECT.
- IN PARTITIONS WITH AND STC RATING OF 44 OR GREATER PROVIDE ACOUSTICAL PUTTY PADS AT ELECTRICAL ROUGH-IN BOXES THAT ARE BACK-TO-BACK CONFIGURATION OR WHERE ELECTRICAL POX SEPARATION DISTANCES IS LESS THAN
- CONFIGURATOIN OR WHERE ELECTRICAL BOX SEPARATION DISTANCES IS LESS THAN 24"
 PENETRATIONS TRHOUGH FULL HEIGHT STC PARTITIONS SHOULD BE CENTERED IN OPENING AND SEALED AUTICUT.
- OPENING AND SEALED AIRTIGHT.4. CALBE TRAY PENTRATIONS IN STC PARTITIONS SHOULD BE PACKED TIGHTLY WITH HEAVY DENSITY PUTTY.





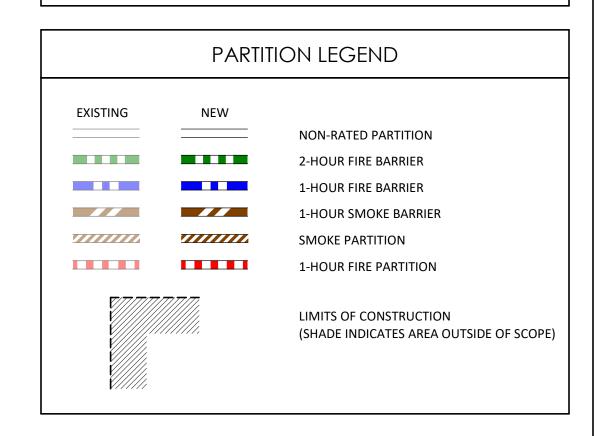


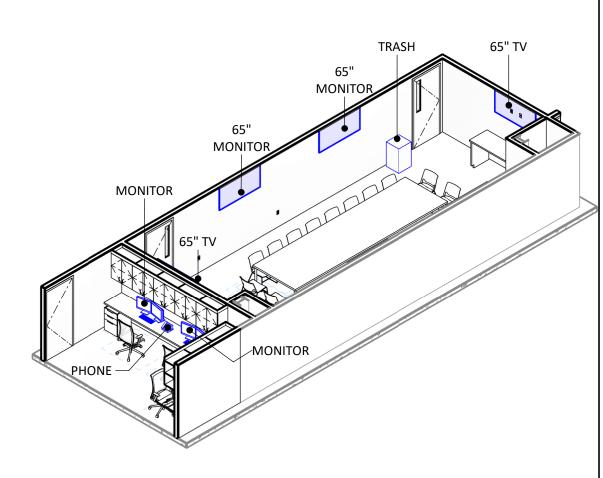
ANNOTATION PLAN GENERAL NOTES

- THE WORD "CLEAR" INDICATES CRITICAL DIMENSIONS FOR ACCESSIBLE EQUIPMENT OR FUNCTIONAL CLEARANCES FROM FACE OF FINISH TO FACE OF FINISH. DIMENSIONS MEASURE FROM THE EXPOSED SURFACE OF EXISTING WALLS, PARTITIONS, COLUMNS, ETC.; NEW PARTITIONS ARE DIMENSIONED TO THE FACE OF
- THE FRAMING; MEASURE AND VERIFY DIMENSIONS IN FIELD. ALL INFORMATION GRAYED-OUT INDICATES EXISTING.
- . GRAY DASHED INDICATES OWNER FURNISHED/OWNER INSTALLED FURNITURE/EQUIPMENT.

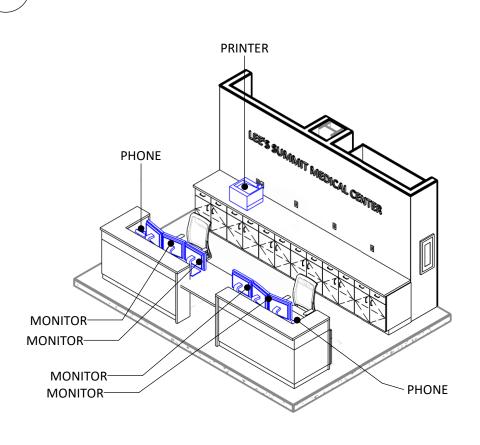
INTERIOR ELEVATIONS GENERAL NOTES

- PROVIDE CONTINUOUS BACKING FOR SURFACE MOUNTED EQUIPMENT, MILLWORK
- AND ACCESSORIES. LOCATE MILLWORK GROMMETS IN FIELD PER OWNER.
- EXPOSED MILLWORK SURFACES SHALL BE FINISHED. MOUNT EQUIPMENT, FIXTURES, AND ACCESSORIES ACCORDING TO THE TYPICAL
- MOUNTING HEIGHTS SHEET, UNLESS NOTED OTHERWISE.
- PROVIDE WATER RESISTANT GYPSUM BOARD AT WET WALL CONDITIONS. PROVIDE COUNTERTOP SUPPORTS AT OPEN KNEESPACE LOCATION. INSTALL AT 32" ON CENTER MAXIMUM.

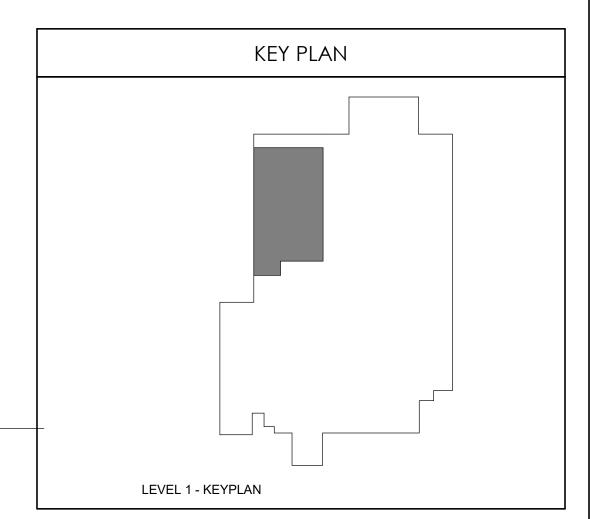


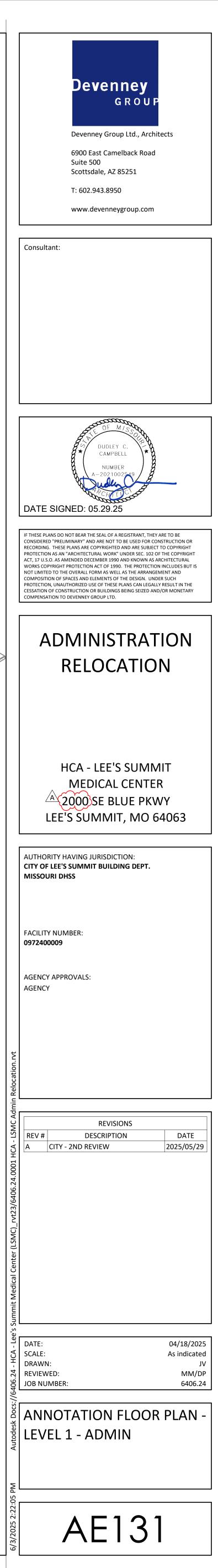


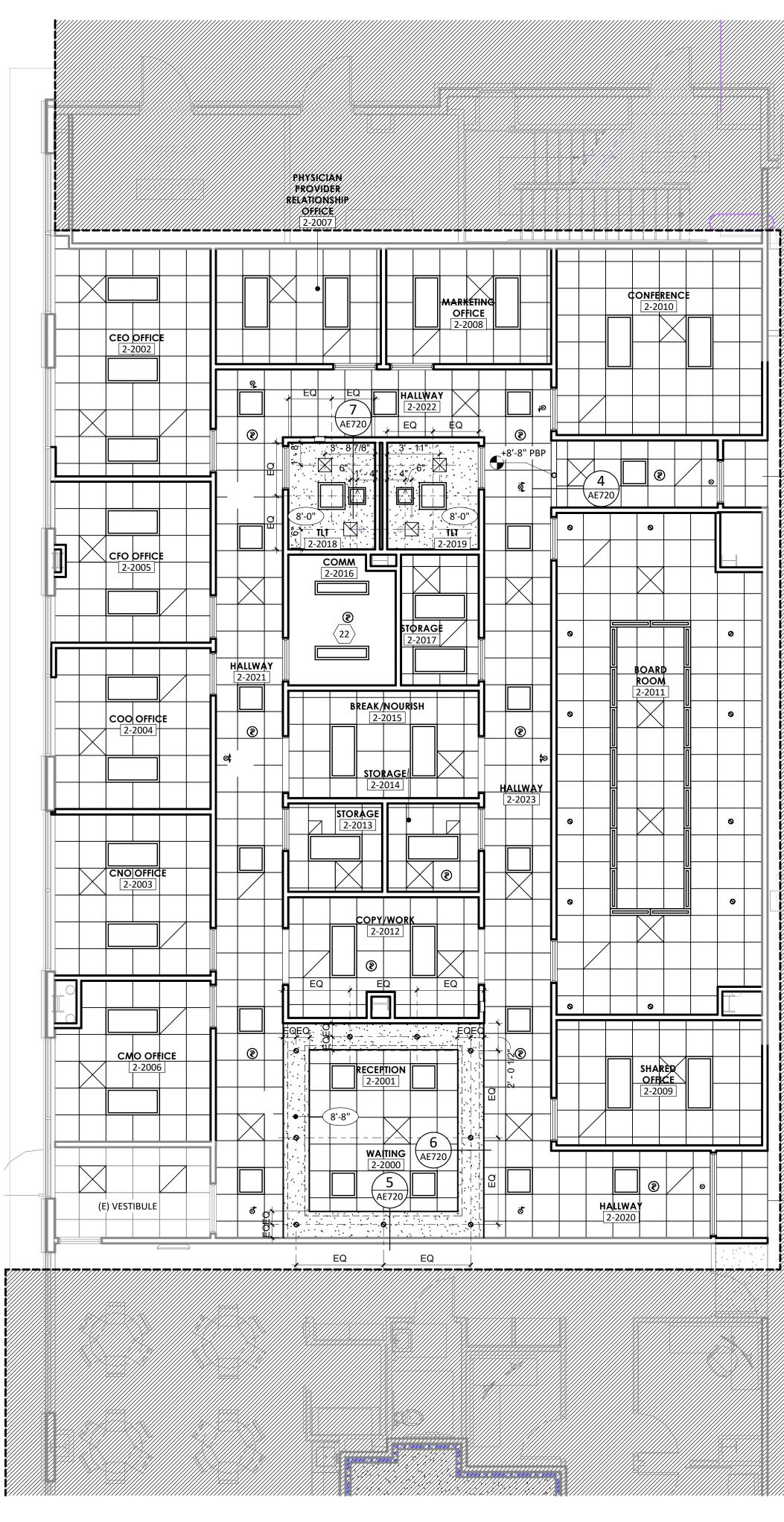




11 ISO - RECEPTION







	ARKETING OFFICE 2-2008 CONFEREN 2-2010	
	7 2-2022 AE720 EQ 6" 3' - 11" 6" 4"	
	COMM Z-2018 2-2016	
	Image: Constraint of the second sec	0
HALLWAY 2-2021	22 PORAGE SOARD 2-2017 BREAK/NOURISH SOARD BREAK/NOURISH 2-2011 STORAGE 2-2013 \$ \$ STORAGE \$ \$ 2-2013 \$ \$ STORAGE \$ \$ 2-2013 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
	2-2015 STORAGE/	
	2-2014 HALLWAY 2-2013 0	
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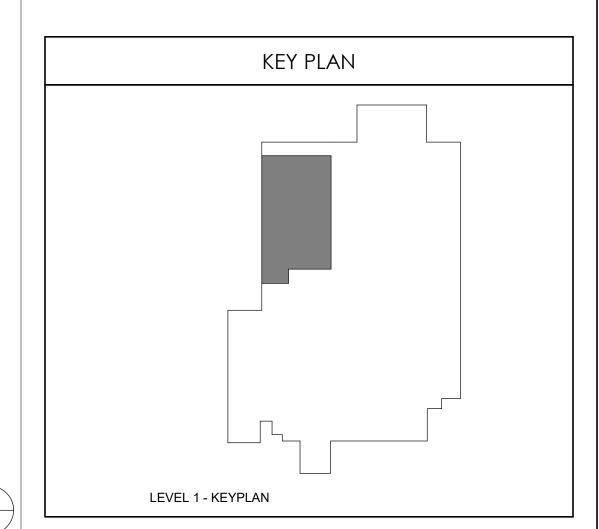
///////

	REFLECTED CEILING GENERAL NOTES										
1.	L. CEILING HEIGHTS 9'-0" AFF UNLESS NOTED OTHERWISE. ALL SOFFIT HEIGHTS 8'-0" AFF UNLESS NOTED OTHERWISE.										
2.	CENTER CEILING SYSTEMS IN R		D OTHERWISE.								
3.	3. CENTER SPRINKLER HEADS, SPEAKERS, RECESSED LIGHTS, AND SMOKE OR THERMAL DETECTORS IN CEILING TILE UNLESS NOTED OTHERWISE.										
4.											
5.	CONDITIONS FOUND DURING CONSTRUCTION OR DEMOLITION, CONTACT ARCHITECT										
6.	IMMEDIATELY. 6. PROVIDE ACCESS PANELS AS NECESSARY FOR VALVES AND DAMPERS IN GYPSUM										
	BOARD CEILINGS.										
7.	ALL SOFFIT FACES SHALL RECIE ASSIGNMENTS	VE SAME PAINT COLC	DR. SEE PLAN FOR COLOR								
	REFLECT	ED CEILING I	LEGEND								
	FXISTING	NFW									
			2 X 2 ACOUSTICAL								
	CEILING GRID SYSTEM										
	+	++	2 X 4 ACOUSTICAL								
		++ 	CEILING GRID SYSTEM								

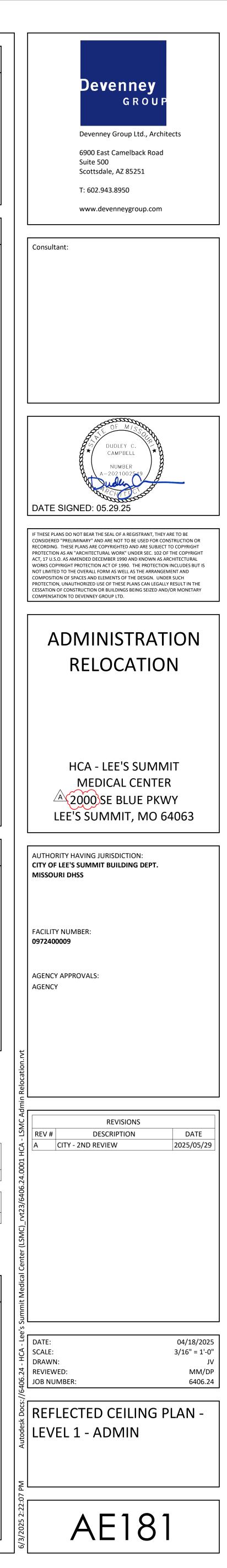
	++	SYSTEM
	++	2 X 4 ACOUSTICAL CEILING GRID SYSTEM
		GYPSUM BOARD
		RECESSED FLUORESCENT / LED FIXTURE
0	0	SURFACE MOUNT FLUORESCENT / LED FIXTURE
	⊨	FLUORESCENT / LED STRIP LIGHT
	┝───╋───┥	LINEAR PENDENT STRIP LIGHT
0 0 0	0 0 0	LINEAR PENDENT LIGHT
	$\textcircled{\bullet}$	PENDENT LIGHT
\bigcirc	\bigcirc	RECESSED DOWNLIGHT
	‡€ ‡	EMERGENCY EXIT SIGN
\bigcirc	\bigcirc	SPEAKER
(\$	3	SMOKE DETECTOR
۲	۲	SPRINKLER
		UNDER CABINET LIGHT
T T		LINEAR WALL LIGHT
$\vdash \bigcirc$	нQ	WALL SCONCE
		ACCESS PANEL (DIMENSIONED ON PLAN)
	\bowtie	SUPPLY DIFFUSER
		RETURN AIR GRILLE
		EXHAUST GRILLE

PARTITION LEGEND NEW EXISTING _____ NON-RATED PARTITION 2-HOUR FIRE BARRIER 1-HOUR FIRE BARRIER 1-HOUR SMOKE BARRIER SMOKE PARTITION **1-HOUR FIRE PARTITION** LIMITS OF CONSTRUCTION (SHADE INDICATES AREA OUTSIDE OF SCOPE)

	KEYNOTE LEGEND							
KEY	NOTE							
14	EXTEND EXISTING HALLWAY CEILING INTO NEW ALCOVE ENTRANCE - MATCH EXISTING CONDITIONS							
	NO FINISH CEILING SYSTEM IN THIS ROOM.							



__**ļ**



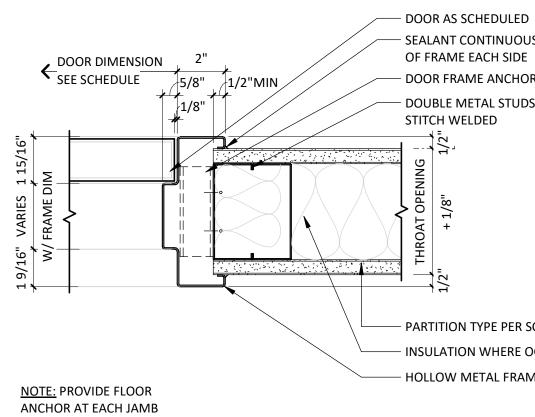
		DOC
WD	-	SOLID CORE WOO
WDPL	-	PLASTIC LAMINAT
WDIR	-	IMPACT RESISTAN
HM	-	HOLLOW METAL
AL	-	ALUMINUM
STL	-	STEEL
EX	-	EXISTING

ID	WIDTH							
LEVEL 1								
1-ON1001	3'-6"							
2-2002	3'-0"							
2-2003	3'-0"							
2-2004	3'-0"							
2-2005	3'-0"							
2-2006	3'-0"							
2-2007	3'-0"							
2-2008	3'-0"							
2-2009	3'-0"							
2-2010	3'-0"							
2-2011A	3'-0"							
2-2011B	3'-0"							
2-2012A	4'-0"							
2-2012B	4'-0"							
2-2013	3'-0"							
2-2014	3'-0"							
2-2015A	4'-0"							
2-2015B	4'-0"							
2-2016	3'-0"							
2-2017	3'-0"							
2-2018	3'-0"							
2-2019	3'-0"							
2-2020	6'-0"							
2-2022	3'-0"							

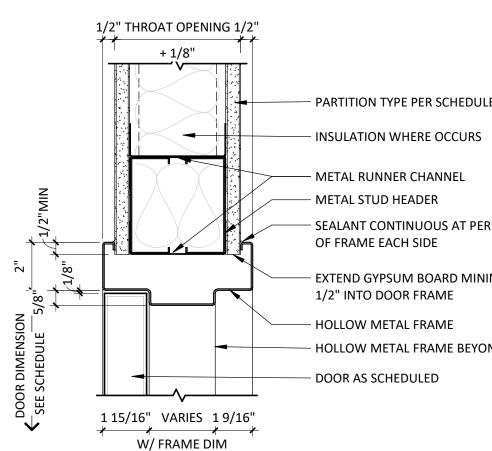
		DOOR SCHEDULE	
DR MATERIAL	DOOR GLAZING	FRAME MATERIAL	FRAME
D	T - TEMPERED	HM - HOLLOW METAL	T - TEMPERED
E WOOD	L - LAMINATED	AL - ALUMINUM	L - LAMINATED
IT WOOD	FR - FIRE RESISTIVE	STL - STEEL	FR - FIRE RESISTIVE
	FP - FIRE PROTECTIVE	EX - EXISTING	FP - FIRE PROTECTIVE
	SP - SPANDREL		SP - SPANDREL
	IGU - INSULATED GLASS UNIT		IGU - INSULATED GLASS UNI
	B - BALLISTIC		B - BALLISTIC
	FP - FIRE PROTECTIVE SP - SPANDREL IGU - INSULATED GLASS UNIT	STL - STEEL	FP - FIRE PROTECTIVE SP - SPANDREL IGU - INSULATED GLASS U

DOOR SCHEDUL	E

	HEIGHT		DOOR PANEL			FRAME		SIC	DELITE		DETA	AILS		RATING	HARDWARE	REMARKS	CURRENT REVISION
	HEIGHT	MATERIAL	ELEV.	GLAZING	MATERIAL	ELEV.	GLAZING	WIDTH	SILL HEIGHT	HEAD	JAMB	SILL	SIDELITE	FIRE	HARDWARE	REIVIARKS	CORRENT REVISION
	7'-0"		А			1									009A-EX	1	
	7'-0"	WDPL	А		HM	1				1/AE601	2/AE601				003A		
	7'-0"	WDPL	А		HM	1				1/AE601	2/AE601				003A		
	7'-0"	WDPL	А		HM	1				1/AE601	2/AE601				003A		
	7'-0"	WDPL	А		НМ	1				1/AE601	2/AE601				003A		
	7'-0"	WDPL	А		НМ	1				1/AE601	2/AE601				003A		
	7'-0"	WDPL	А		НМ	1				1/AE601	2/AE601				003A		
_	7'-0"	WDPL	А		НМ	1				1/AE601	2/AE601				003A		
	7'-0"	WDPL	А		НМ	1				1/AE601	2/AE601				004A		
	7'-0"	WDPL	А		НМ	1				1/AE601	2/AE601				004A		
	7'-0"	WDPL/GL	С	Т	НМ	1				1/AE601	2/AE601				004A		
	7'-0"	WDPL/GL	С	Т	НМ	1				1/AE601	2/AE601				004A		
	7'-0"	-	-		НМ	1										CASED OPENING	
	7'-0"	-	-		НМ	1										CASED OPENING	
	7'-0"	WDPL	А		НМ	1				1/AE601	2/AE601				007C		
	7'-0"	WDPL	А		НМ	1				1/AE601	2/AE601				007C		
	7'-0"	-	-		НМ	1										CASED OPENING	
	7'-0"	-	-		НМ	1										CASED OPENING	
	7'-0"	WDPL	А		НМ	1				1/AE601	2/AE601				009A	1	
	7'-0"	WDPL	А		НМ	1				1/AE601	2/AE601				007C		
	7'-0"	WDPL	А		НМ	1				1/AE601	2/AE601				005A		
	7'-0"	WDPL	А		НМ	1				1/AE601	2/AE601				005A		
	7'-0"	WDPL/GL	CC	Т	НМ	1		0"	0"	1/AE601	2/AE601				009E	1	
	7'-0"	WDPL	А		НМ	1				1/AE601	2/AE601				009A	1	



2 JAMB AT HOLLOW METAL FRAME





E GLAZING	REMARKS
	1 - CARD READER
NIT	

- SEALANT CONTINUOUS AT PERIMETER OF FRAME EACH SIDE — DOOR FRAME ANCHOR - DOUBLE METAL STUDS;

- PARTITION TYPE PER SCHEDULE — INSULATION WHERE OCCURS - HOLLOW METAL FRAME

- PARTITION TYPE PER SCHEDULE

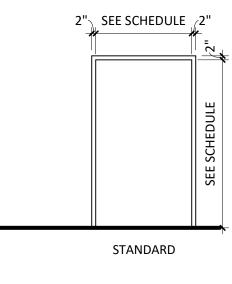
- SEALANT CONTINUOUS AT PERIMETER

- EXTEND GYPSUM BOARD MINIMUM

- HOLLOW METAL FRAME BEYOND

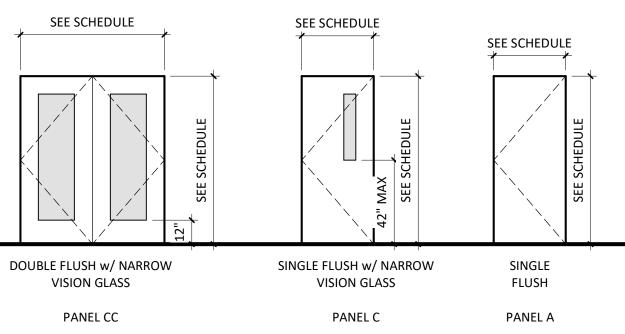


- I. THE PURPOSE OF THIS SHEET IS TO DESCRIBE AND ILLUSTRATE DOOR TYPES. NOT ALL DOOR TYPES SHOWN ARE NECESSARILY USED. SEE DOOR MARK SCHEDULE FOR DOOR TYPES USED. FIRE DOORS AND FRAMES SHALL HAVE AN APPROVED LABEL OR LISTING MARK
- INDICATING THE FIRE PROTECTION RATING WHICH IS PERMANENTLY AFFIXED AT THE FACTORY WHERE FABRICATION AND ASSEMBLY ARE DONE. SMOKE BARRIER DOORS INSTALLED ACROSS THE CORRIDORS AND EXIT ACCESS
- DOORS LOCATED AT ZONE BOUNDARIES SHALL BE EQUIPPED WITH APPROVED VISION PANELS. ALL SMOKE BARRIER DOORS LOCATED ON THE FLOOR OR IN THE AFFECTED ZONE
- SHALL COMPLY WITH CURRENT APPLICABLE CODES AND SHALL BE AUTOMATIC CLOSING UPON ACTIVATION OF THE FIRE ALARM OR FIRE SPRINKLER SYSTEM. ALL DOORS IN SMOKE BARRIERS AND OPENING INTO RATED EXIT WAYS SHALL BEAR AN APPROVED LABEL DISPLAYING THE LETTER "S" PER CURRENT APPLICABLE CODES.
- FIRE ASSEMBLIES REQUIRED TO HAVE 1 ½ HOURS, 1 HOUR OR ¾ HOUR FIRE PROTECTION RATING SHALL BE EITHER AUTOMATIC OR SELF CLOSING FIRE ASSEMBLIES. AUTOMATIC CLOSING FIRE ASSEMBLIES TO BE ACTIVATED BY AN INCREASE IN TEMPERATURE SHALL HAVE HEAT-ACTUATING DEVICES INSTALLED ON EACH SIDE OF THE WALL AT THE CEILING HEIGHT WHERE THE CEILING IS MORE THAN 3 FEET ABOVE THE TOP OF THE OPENING OR BY A SINGLE FUSIBLE LINK IN THE OPENING INCORPORATED IN THE CLOSING DEVICE. GLASS:
- A. INTERIOR DOORS:
- 1. NON-RATED DOORS SHALL HAVE ¼" CLEAR TEMPERED GLASS. 2. ALL RATED DOORS – SEE SPECIFICATIONS.
- 3. LEAD LINED DOORS SHALL HAVE LEAD GLASS. GLAZING IN THE FOLLOWING LISTED AREAS SHALL BE DEEMED TO BE LOCATED IN HAZARDOUS LOCATIONS AND SUBJECT TO HUMAN IMPACT:
- 1. INGRESS AND EGRESS DOORS.
- 2. FIXED PANELS IN SWINGING DOORS. 3. ALL GLAZING WITHIN 18" OF THE FLOOR AND WITHIN 12" OF A DOOR SHALL BE TEMPERED.
- EACH LITE OF THE GLAZING SHALL BEAR THE MANUFACTURER'S LABEL DESIGNATING THE TYPE AND THICKNESS OF GLASS. WHEN APPROVED BY THE AGENCY, LABELS MAY BE OMITTED FROM OTHER THAN GLAZING MATERIALS, PROVIDED AN AFFIDAVIT IS FURNISHED BY THE GLAZING CONTRACTOR CERTIFYING THAT EACH LIGHT IS GLAZED IN ACCORDANCE WITH APPROVED PLANS AND SPECIFICATIONS. IDENTIFICATION OF GLAZING IN HAZARDOUS LOCATIONS AND SUBJECT TO HUMAN IMPACT SHALL BE ETCHED OR CERAMIC FIRED ON THE GLASS AND READABLE FROM
- THE INSIDE OF THE BUILDING AFTER INSTALLATION. 10. EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
- 11. PANIC HARDWARE SHALL COMPLY WITH THE REQUIREMENTS OF CURRENT APPLICABLE CODES. THE ACTIVATING MEMBER SHALL BE MOUNTED AT A HEIGHT OF NOT LESS THAN 30 INCHES NOR MORE THAN 44 INCHES ABOVE THE FLOOR. THE UNLATCHING FORCE SHALL NOT EXCEED 15 POUNDS WHEN APPLIED IN THE DIRECTION OF TRAVEL.
- 12. DOOR ASSEMBLIES, APPROACHES AND FINISH HARDWARE SHALL BE IN COMPLIANCE WITH ACCESSIBILITY STANDARDS. 13. THE MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED THE FOLLOWING:
- A. EXTERIOR DOORS 5.0 POUNDS 5.0 POUNDS B. INTERIOR DOORS
- C. FIRE DOORS 15.0 POUNDS 14. WATER CLOSET ROOMS SHALL BE SEPARATED FROM FOOD PREPARATION AND STORAGE AREAS WITH TIGHT FITTING DOORS.
- 15. DOOR OPENING LOCATIONS: A. IMMEDIATELY (5") ADJACENT TO A FLANKING WALL UNLESS NOTED OTHERWISE B. AT THE CENTERLINE OF THE ROOM, UNLESS NOTED OTHERWISE C. CENTERED ON A GRID DOOR OPENINGS IN OTHER LOCATIONS ARE LOCATED BY DIMENSIONS
- 16. SEE SPECIFICATIONS FOR HARDWARE SCHEDULE
- 17. ALL DOOR FRAMES ARE WELDED FRAMES, UNLESS NOTED OTHERWISE. 18. FINISH FLOOR TRANSITIONS OCCUR AT CENTERLINE OF DOORS, UNLESS NOTED OTHERWISE.
- 19. ALL INTERIOR DOORS WITH FIRE RATINGS GREATER THAN 20 MINUTE SHALL HAVE A NON-COMBUSTIBLE SILL WITH AN UNDERCUT OF 3/8" MAXIMUM ABOVE THE SILL. 20. WEIGHT OF LEAD-LINED DOORS, LEAD STRIPS IN DOOR FRAMES AND LEAD GLAZING WHERE OCCURS SHALL MATCH WEIGHT OF LEAD IN ADJACENT PARTITION, UNLESS NOTED OTHERWISE. LEAD LINING SHALL BE INSTALLED SUCH THAT SHIELDING IS CONTINUOUS IN INSTALLED DOORWAY.
- 21. ALL EXTERIOR DOORS SHALL HAVE METAL THRESHOLDS. SEE HARDWARE SCHEDULE. 22. WHERE DOOR HOLD-OPEN DEVICES OR DOOR STOPS OCCUR AT WALLS, PROVIDE
- BACKING PLATE PER BACKING PLATE SCHEDULE. 23. ALL SOLID CORE WOOD DOORS TO BE STAIN GRADE, UNLESS NOTED OTHERWISE (SEE DOOR SCHEDULE).
- 24. DOORS WITH AUTO DOOR OPENINGS SHALL MEET REQUIREMENTS IN CURRENT APPLICABLE CODES.
- 25. THRESHOLDS AT DOORWAYS AND TRANSITION STRIPS SHALL NOT EXCEED 1/2" IN HEIGHT. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES AT ACCESSIBLE DOORWAYS SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.

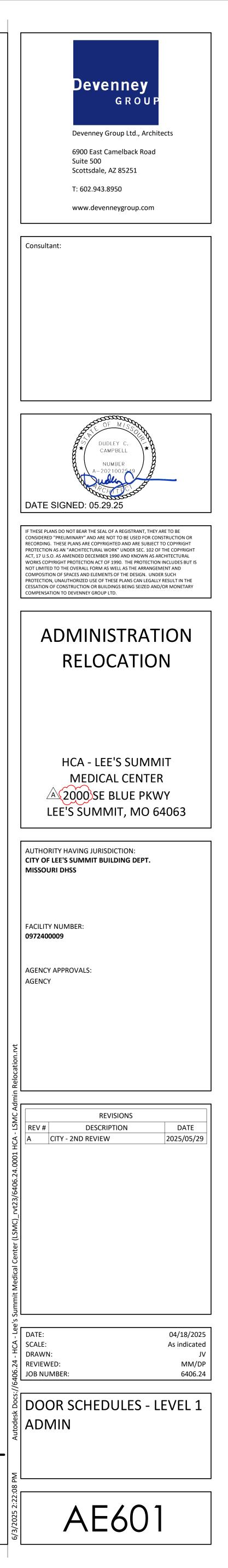


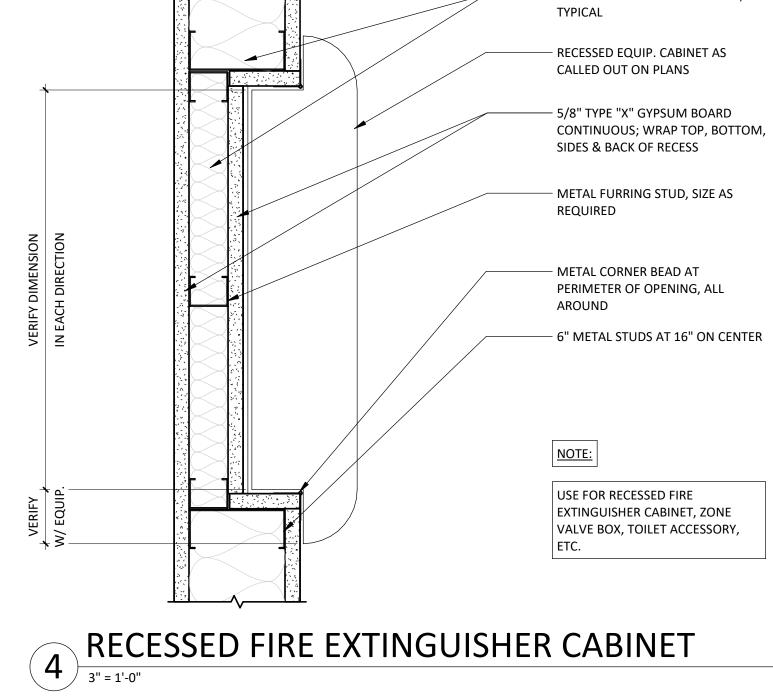
FRAME 1

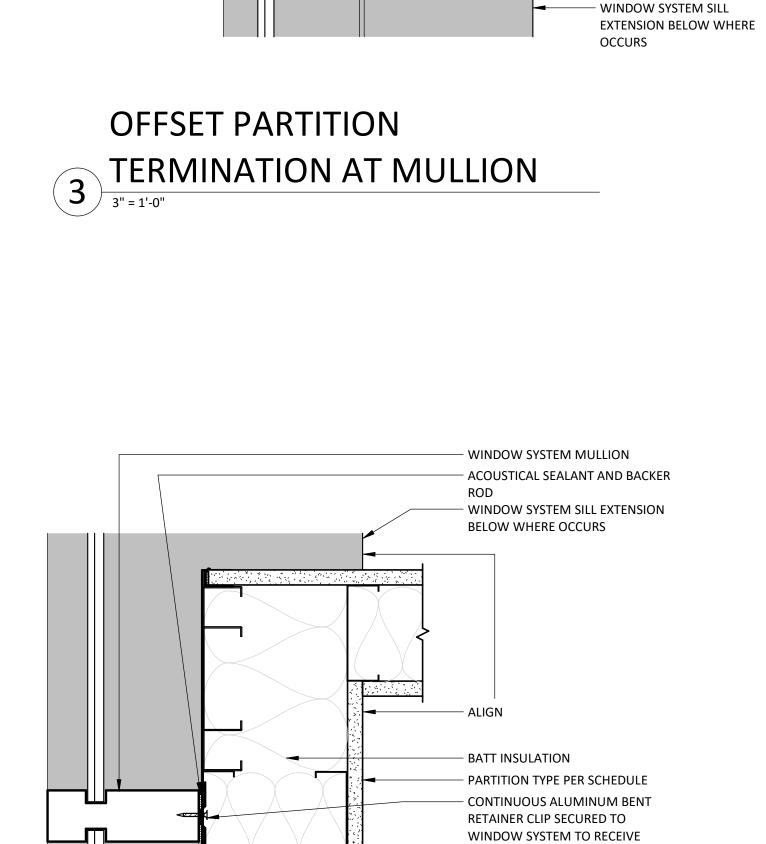
FRAME ELEVATIONS



DOOR PANEL ELEVATIONS







EXISTING WINDOW SYSTEM

EXISTING EXTERIOR WALL

- ACOUSTICAL SEALANT AND

CLIP (TYPICAL AT EACH SIDE)

PARTITION TYPE PER SCHEDULE

TAPE AND JOINT COMPOUND

PRE-FINISHED BENT 16 GA ALUMINUM GYPSUM BOARD END CLOSURE SECURED METAL STUD TO CONTINUOUS RETAINER

MULLION

SYSTEM

BACKER ROD

- ACOUSTICAL BATT

INSULATION

∧ →

ALUMINUM END CLOSURE

- 'J' BEAD WITH JOINT COMPOUND

V.I.F.

6 3/8"

CLOSURE MULLION MATE - SERIER 60 —

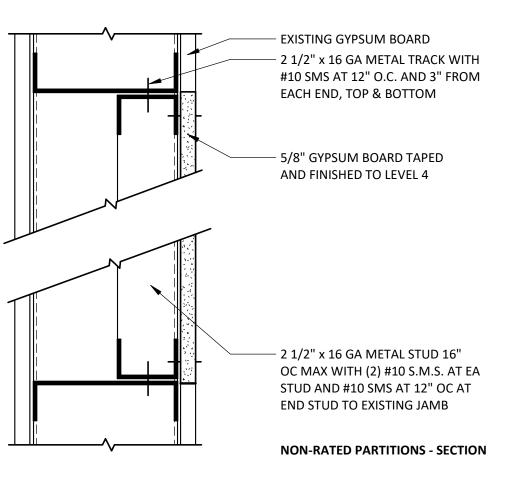
ACOUSTICAL CAULK —

- CONTINUOUS METAL CORNER BEAD - 1/8" SEALANT JOINT (TYPICAL AT EACH SIDE - PRE-FINISHED BENT 16 GA ALUMINUM GYPSUM BOARD END CLOSURE SECURED METAL STUD TO CONTINUOUS RETAINER CLIP (TYPICAL AT EACH SIDE) - WINDOW SYSTEM SILL BELOW OFFSET PARTITION 2 TERMINATION AT MULLION

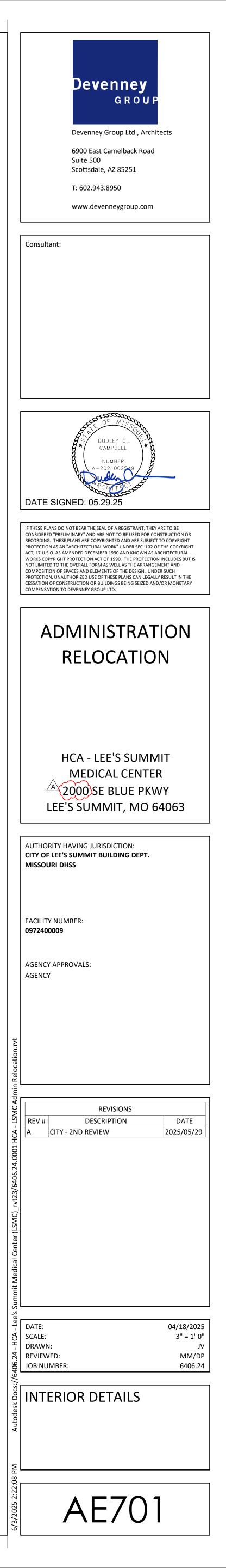
- SOUND ATTENUATION BLANKET,

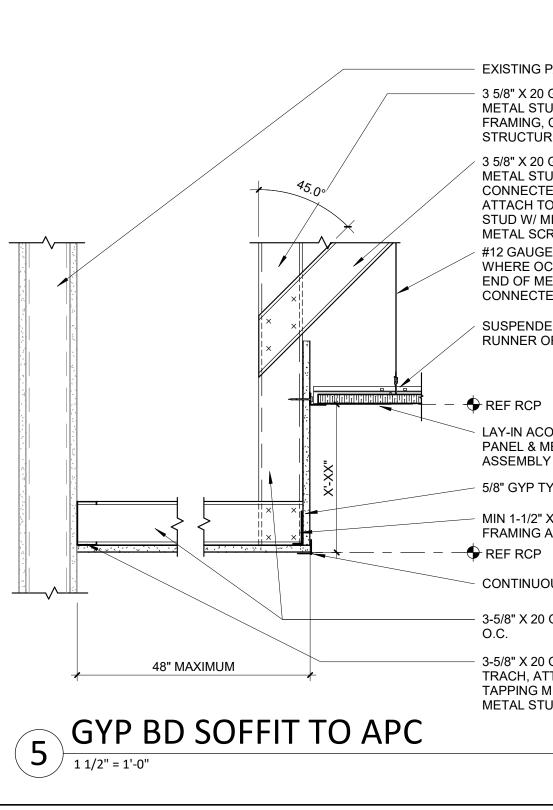
– 5/8" TYPE "X" GYPSUM BOARD

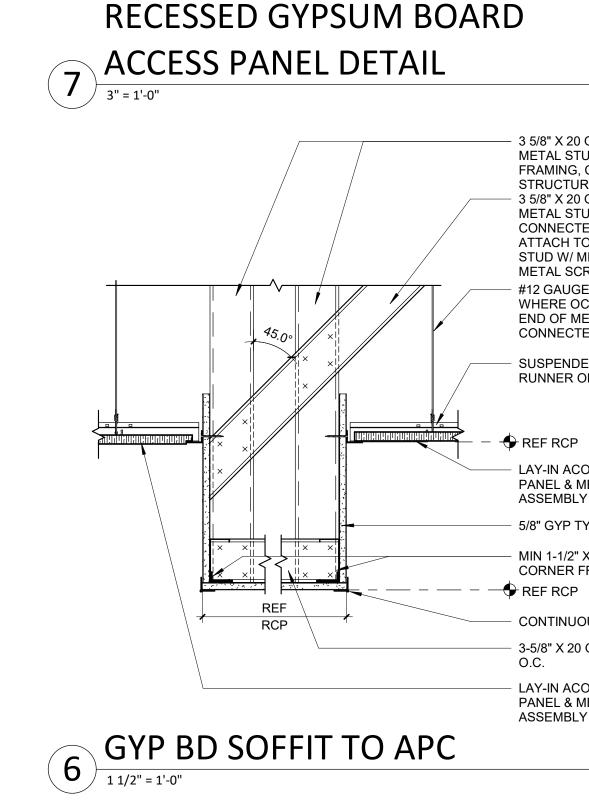
— 6" METAL STUDS AT 16" ON CENTER

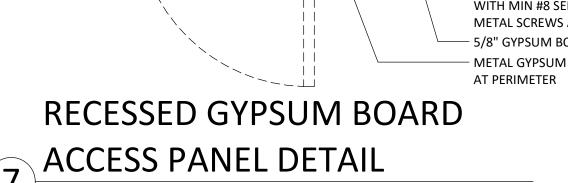


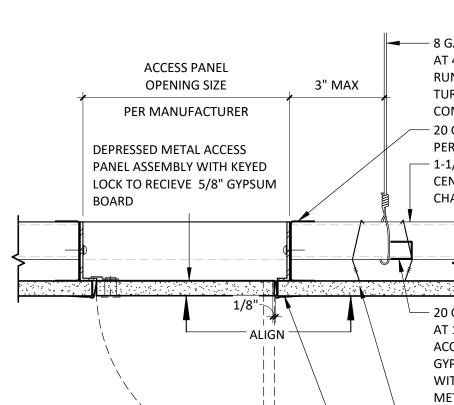
1 PARTITION OPENING INFILL NON-RATED











TAPPING METAL SCREWS TO EACH METAL STUD @ 16 O.C.

- 3-5/8" X 20 GAUGE METAL RUNNER TRACH, ATTACH W. MIN (2) #8 SELF

CONTINUOUS METAL CORNER BEAD 3-5/8" X 20 GAUGE METAL STUD @ 16

FRAMING ANGLE

- 5/8" GYP TYP. MIN 1-1/2" X 1-1/2" X 20 GAUGE

LAY-IN ACOUSTIC CEILING PANEL & METAL GRID ASSEMBLY AS SCHEDULED

WHERE OCCURS, MAX 8" FROM END OF METAL RUNNER, CONNECTED UP TO STRUCTURE SUSPENDED METAL GRID MAIN RUNNER OR CROSS TEE

 3 5/8" X 20 GAUGE @ 48" O.C.
 METAL STUD BRACING, CONNECTED UP TO STRUCTURAL, ATTACH TO VERTICAL METAL STUD W/ MIN (4) #8 SELF TAPPING METAL SCREWS #12 GAUGE HANGER WIRE

3 5/8" X 20 GAUGE VERTICAL METAL STUD @ 16" O.C. SOFFIT FRAMING, CONNECTED TO STRUCTURE ABOVE

EXISTING PARTITION

C1070

LAY-IN ACOUSTIC CEILING PANEL & METAL GRID ASSEMBLY AS SCHEDULED

- CONTINUOUS METAL CORNER BEAD 3-5/8" X 20 GAUGE METAL STUD @ 16 O.C.

- 5/8" GYP TYP. MIN 1-1/2" X 1-1/2" X 20 GAUGE CORNER FRAMING ANGLES

- LAY-IN ACOUSTIC CEILING PANEL & METAL GRID ASSEMBLY AS SCHEDULED

CONNECTED UP TO STRUCTURE - SUSPENDED METAL GRID MAIN RUNNER OR CROSS TEE

ATTACH TO VERTICAL METAL STUD W/ MIN (4) #8 SELF TAPPING METAL SCREWS #12 GAUGE HANGER WIRE
 WHERE OCCURS, MAX 8" FROM END OF METAL RUNNER,

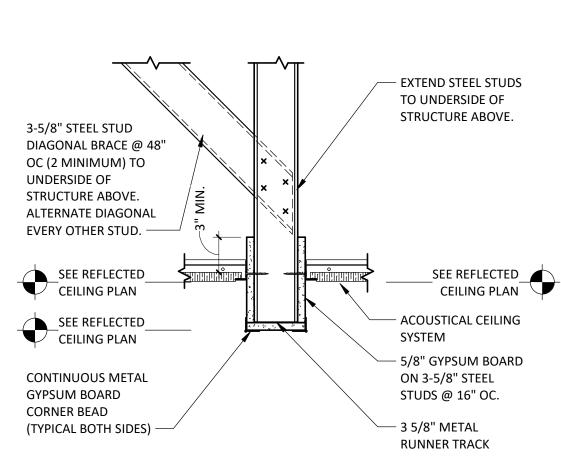
- 3 5/8" X 20 GAUGE VERTICAL METAL STUD @ 16" O.C. SOFFIT FRAMING, CONNECTED UP TO STRUCTURE — 3 5/8" X 20 GAUGE @ 48" O.C. METAL STUD BRACING, CONNECTED UP TO STRUCTURAL,

20 GAUGE METAL HAT CHANNELS AT 16" ON CENTER, MIN (2) PER ACCESS PANEL, ATTACH TO GYPSUM BOARD ACCESS PANEL WITH MIN #8 SELF TAP SHEET METAL SCREWS AT 8" ON CENTER – 5/8" GYPSUM BOARD – METAL GYPSUM BOARD 'J' BEAD

– 20 GAUGE CHANNEL AT FRAME CENTER COLD ROLLED STEEL CHANNEL MAIN RUNNER

AT 48" ON CENTER FASTEN TO RUNNER WITH MIN (3) TIGHT TURNS WITH 1-1/2" DISTANCE, CONTINUE UP TO STRUCTURE PERIMETER - 1-1/2" X 1.12LB/FT AT 16" ON

4 8 GAUGE VERTICAL HANGER WIRE



4 NARROW BULKHEAD

FREE SIDE

____1/2"

FIXED SIDE

____1/2"

8" MAX 25% LENGTH OF TEE WHICHEVER IS LESS

- **k** (k

_____^ <u>___</u>___

8" MAX

25% LÉNGTH OF TEE WHICHEVER IS LESS

PARTITION AS SCHEDULED

- #12 GAUGE HANGER WIRE W/MIN 3 TIGHT TURNS IN 1 1/2" BOTH ENDS

- SUSPENDED METAL GRID MAIN

RUNNER OR CROSS TEE

LAY-IN ACOUSTIC CEILING

STANDARD HEMMED EDGE

ANGLE AT PERIMETER. FASTEN

SCREWS OR MINIMUM 0.145" DIA.

POWER ACTIVATED FASTENERS

C1070

C1070

NOTES: 1. STRUCTURAL CLASSIFICATION OF

MAIN RUNNERS: HEAVY DUTY

CROSS-RUNNERS: HEAVY DUTY

UNLESS NOTED OTHERWISE

2. ALL CEILING SYSTEMS ARE TO BE

CENTERED IN DESIGNATED ROOMS

TYPICAL

PERIMETER WALL,

ACOUSTIC LAY-IN

- 12 GAUGE HANGER

HEAVY DUTY MAIN RUNNERS @ 48" O.C.

HEAVY DUTY CROSS

RUNNERS AT 24"

O.C.

- FREE SIDE

WIRE @ 48" O.C.

CEILING PANELS

CEILING GRID MEMBERS:

TO EACH METAL STUD WITH MINIMUM NO. 10. SHEET METAL

PANEL AS SCHEDULED

(16" O.C.) @ CONCRETE/

PARTITION AS SCHEDULED

#12 GAUGE HANGER WIRE W/MIN

3 TIGHT TURNS IN 1 1/2" BOTH

SUSPENDED METAL GRID MAIN

RUNNER OR CROSS TEE

LAY-IN ACOUSTIC CEILING

STANDARD HEMMED EDGE

ANGLE AT PERIMETER. FASTEN TO EACH METAL STUD WITH

MINIMUM NO. 10. SHEET METAL

SCREWS OR MINIMUM 0.145" DIA.

POWER ACTIVATED FASTENERS

PANEL AS SCHEDULED

(16" O.C.) @ CONCRETE/ MASONRY WALLS.

TIGHT WITH WALL

PERIMETER CLIP

ENDS

SUSPENDED LAY-IN CEILING

+ + +

____**-**___

____**-**___

2 EDGE CONDITION

CONTINUOUS PERIMETER ANGLE OR

KNURLED CHANNEL MOLDING FASTENED

TO EACH METAL STUD WITH MINIMUM #

10 SHEET METAL SCREWS OR MINIMUM

0.145" DIAMETER ACTUATED FASTENERS

CONCRETE/MASONRY WALLS (MINIMUM

2 AE720

AT 16" ON CENTER AT

FIXED

SIDE -

1-1/4" EMBED) -

MASONRY WALLS.

SUSPENDED LAY-IN CEILING

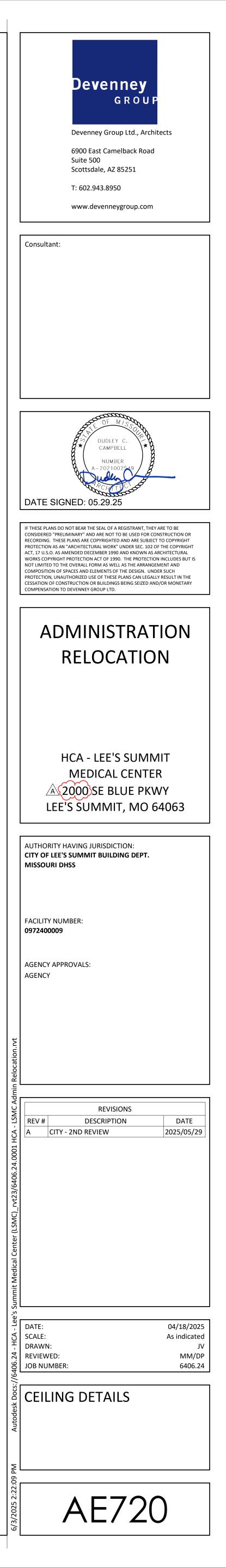
3 FREE EDGE CONDITION

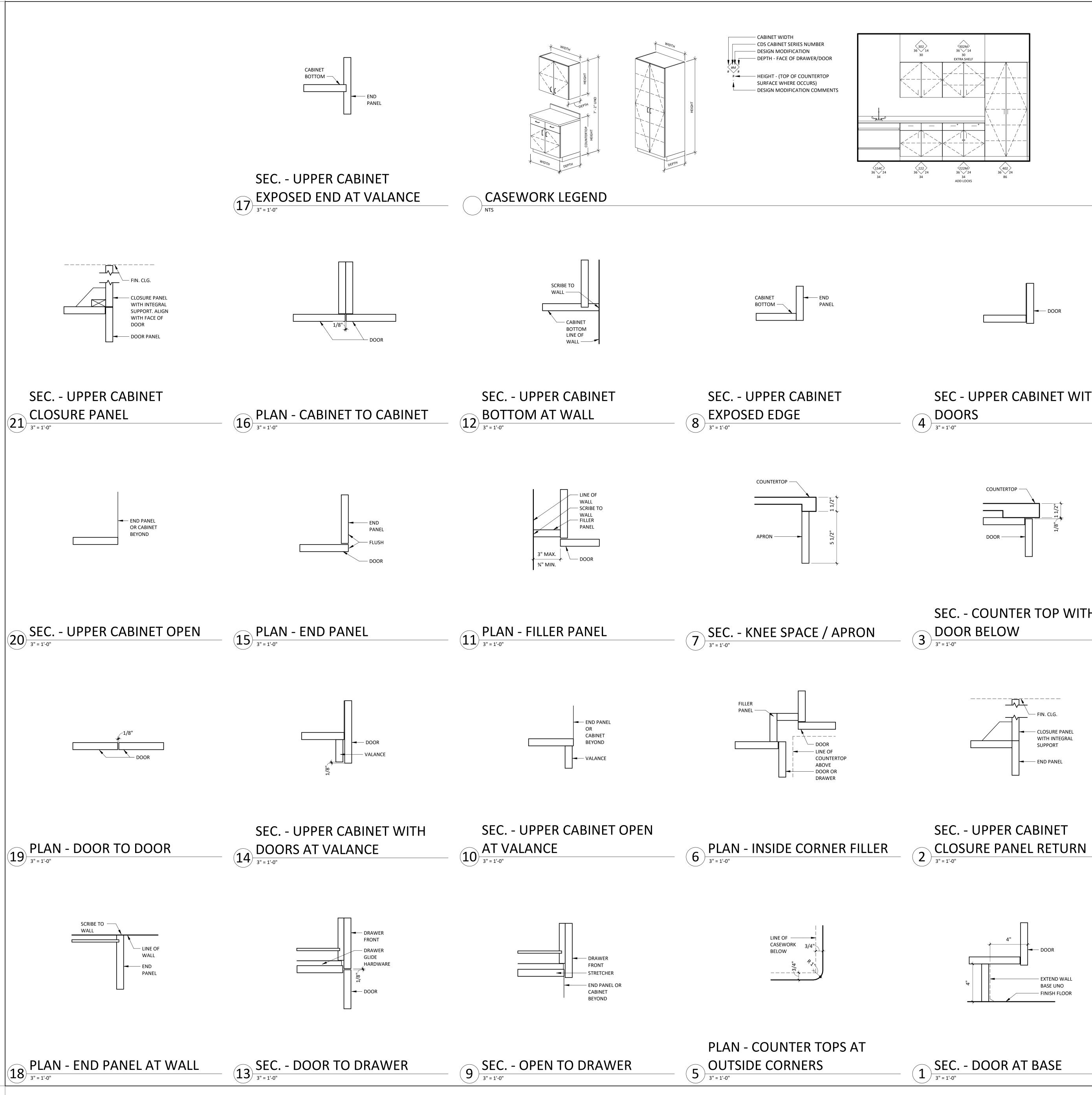
EQ EQUAL SPACING @ 48" O.C. EQ

3 AE720

1 APC-SUSPENDED CEILING

C1070





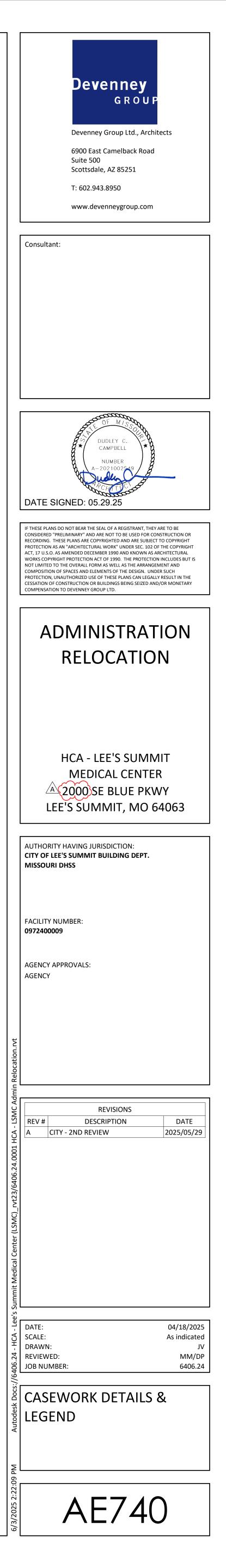
SEC - UPPER CABINET WITH

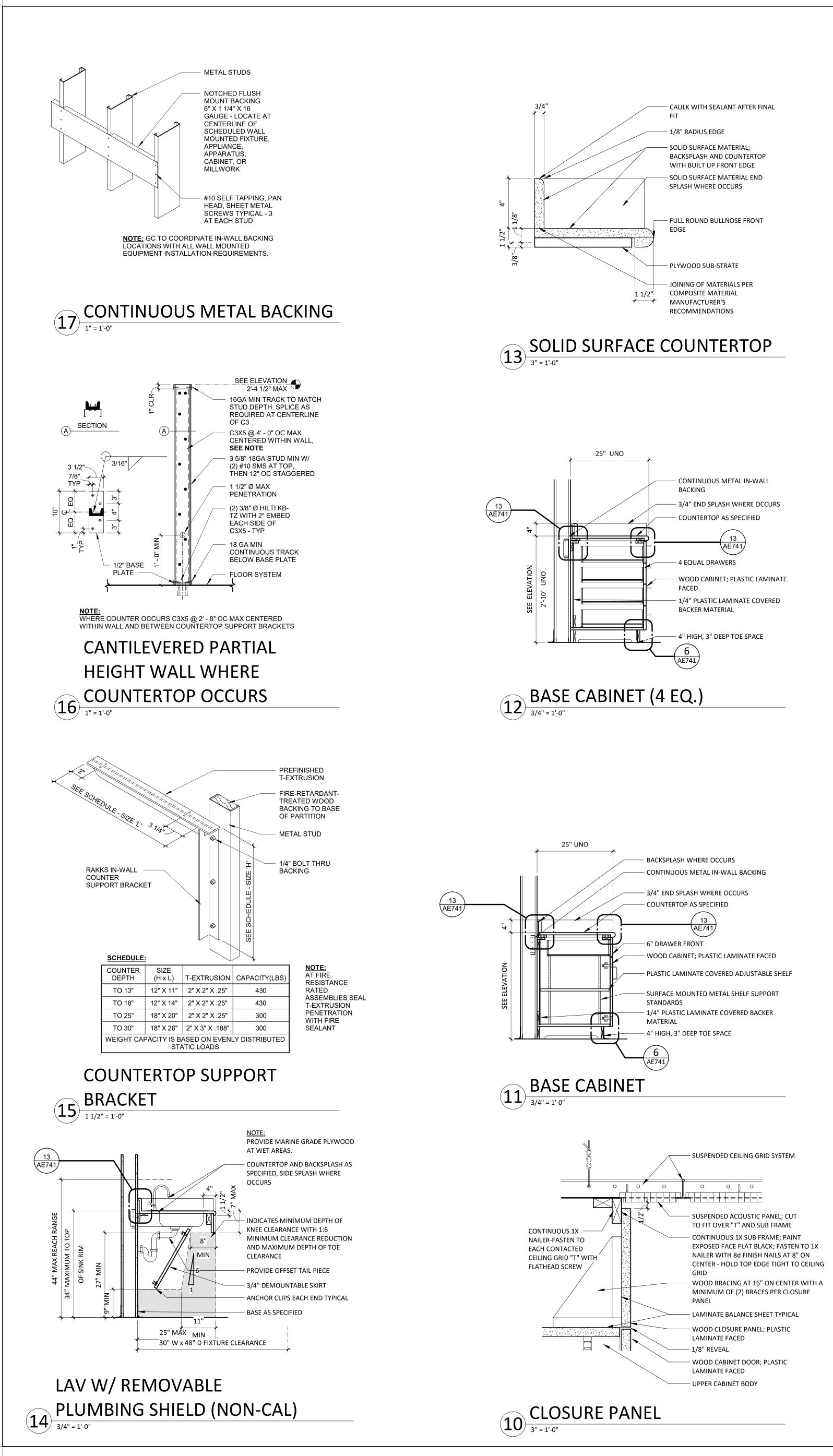
SEC. - COUNTER TOP WITH

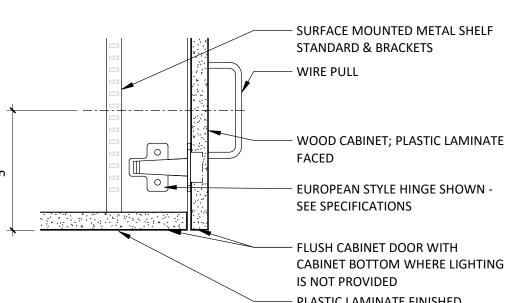
CABINETRY NUMBERS FOLLOW THE NORTH AMERICAN WOODWORK STANDARDS -CASEWORK DESIGN SERIES REFER TO INTERIOR ELEVATIONS FOR CABINETRY INFORMATION PROVIDE BLOCKING WITHIN PARTITION FOR ALL CABINETRY ATTACHED TO WALLS. SEE TYPICAL CABINET ANCHORAGE DETAIL FOR MORE INFORMATION.

CASEWORK GENERAL NOTES

- DETAIL SECTIONS WILL BE PROVIDED FOR SPECIALIZED CABINETS. NOT ALL DOOR/DRAWER COMBINATIONS WILL BE DETAILED.
- PROVIDE MIN. 2" FILLER WHERE CABINET ABUTS PARTITION AT SIDE UNO PROVIDE SIDESPLASHES WHERE COUNTERTOPS ABUT PARTITION AT SIDES - UNO PROVIDE COUNTERTOP BRACE SUPPORTS AT 32" OC MAX @ KNEE SPACES &
- LAVATORY COUNTERS PROVIDE 2" DIA. GROMMETS AT BACK OF COUNTERTOPS WHERE SHOWN ON PLANS
- OR ELEVATIONS AT THE BOTTOM OF INDIVIDUAL UPPER CABINET UNITS, ALLOW FOR CONTINUOUS RUNS OF UNDERCOUNTER LIGHTS - REFERENCE ELECTRICAL DRAWINGS
- LO. FOR FIELD APPLIED MIRRORS, EXTEND MIRRORS FROM THE TOP OF COUNTERTOP SPLASH TO 7'-2" AFF, UNO X WIDTH SHOWN
- 1. PROVIDE FINISHED END PANELS AND/OR END RETURNS AT OPEN ENDED CABINETRY (INCLUDING KNEE SPACES). 2. ALL UPPER CABINETS HAVE PLASTIC LAMINATE CLAD "FRONT PANELS" ABOVE IN LIEU
- OF GYPSUM BOARD FURR DOWNS -UNO VERIFY THE ROOM CEILING HEIGHT TO DETERMINE PROPER "CLOSURE PANEL" HEIGHT. 3. CAULK JOINTS BETWEEN COUNTERTOPS AND BUILDING PARTITIONS AND BETWEEN COUNTERTOPS AND ADJACENT CASEWORK. COORDINATE COLOR OF CAULK TO
- CONDITIONS ON THE JOBSITE AND WITH THE ARCHITECT. 4. REFER TO "ARCHITECTURALLY SIGNIFICANT EQUIPMENT" (MEDICAL EQUIPMENT SCHEDULE) FOR PURCHASE & INSTALLATION RESPONSIBILITIES FOR EQUIPMENT ITEM SHOWN ON PLANS & ELEVATIONS. COORDINATE SIZE OF OPENINGS WITHIN CABINETRY.

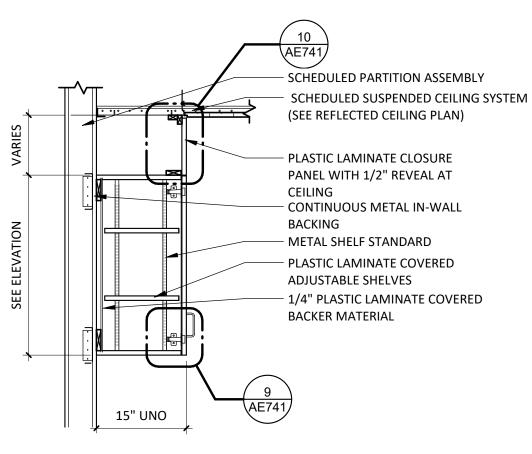




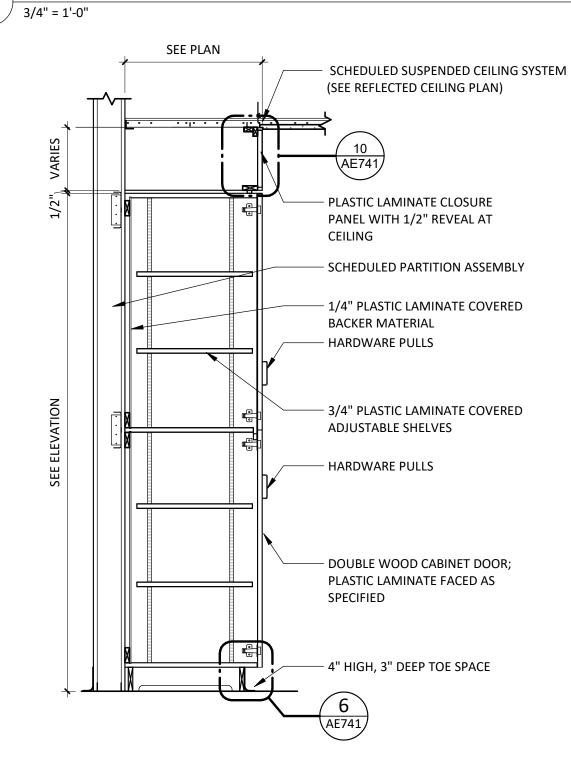


- FLUSH CABINET DOOR WITH CABINET BOTTOM WHERE LIGHTING - PLASTIC LAMINATE FINISHED BOTTOM; COLOR TO MATCH CABINET DOORS

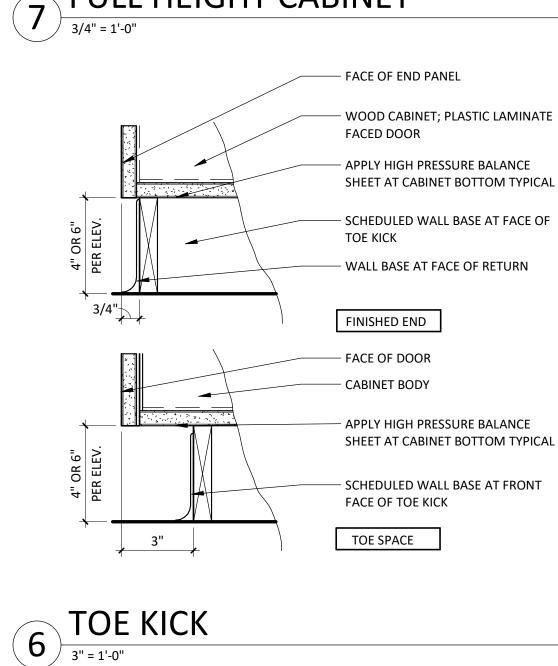
9 UPPER CABINET HARDWARE



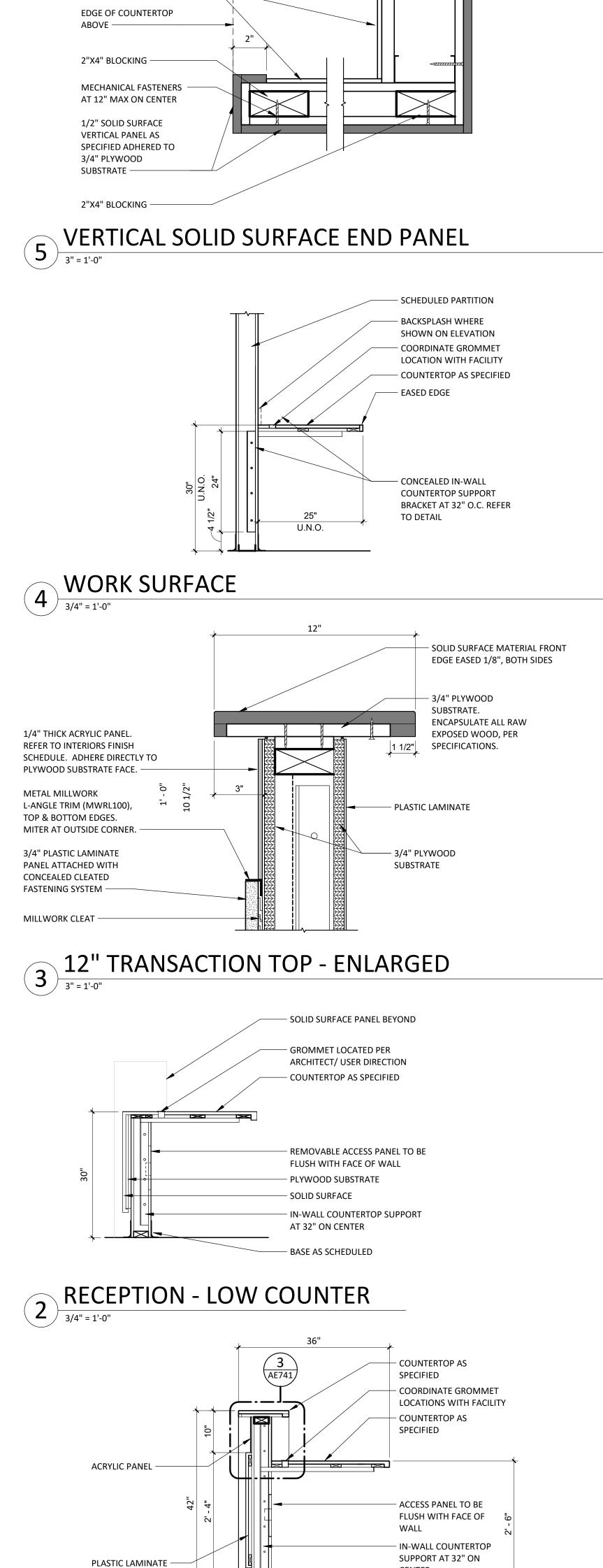
8 UPPER CABINET



7 FULL HEIGHT CABINET



1/2" SOLID SURFACE VERTICAL PANEL AS SPECIFIED ADHERED TO 1/2" PLYWOOD SUBSTRATE. -3/4" PLYWOOD SUBSTRATE -1/4" PLASTIC LAMINATE OVER 1/4" SUBSTRATE EDGE OF COUNTERTOP ABOVE -



1 RECEPTION - HIGH COUNTER

* *

SOLID SURFACE

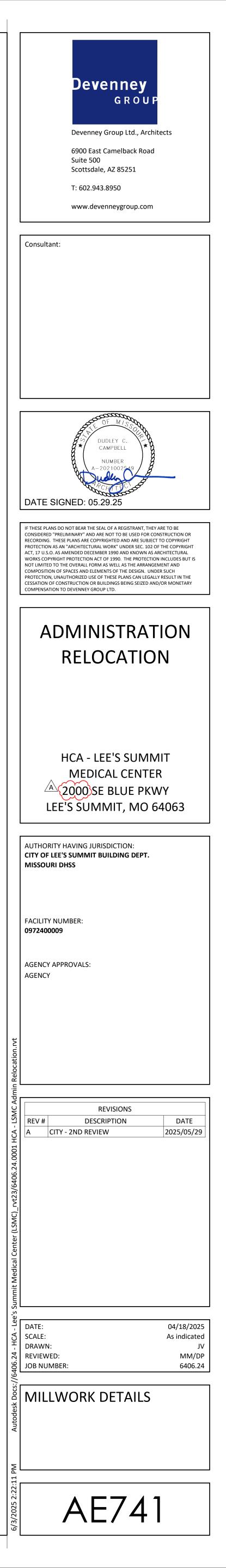
PANEL BEYOND

1 3/8"

_1 3/4"

CENTER

BASE SCHEDULED

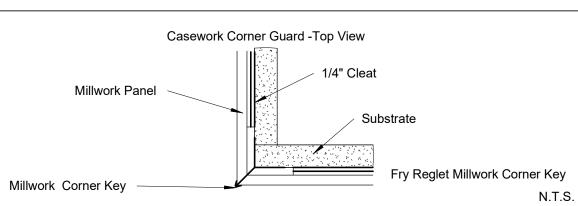


	MATERIAL	CONTACTS				WAL					FLOO	RING				SCELLA	NEOUS
Please contact the f	bllowing representatives for sp	pecial pricing.	CODE	ITEM	LOCATION		DESCRIPTION	CODE	ITEM	LOCATION	MANUFACT.	DESCRIPTION	CODE	ITEM	LOCATION	MANUFACT.	DESCRIPTION
MANUFACTURER Armstrong Ceilings	TYPE OF FINISH Acoustical Ceiling Tile	NAME, EMAIL, PHONE # Hedda Metzler 717.209.2793 hhmetzler@armstrong.com HPG#6924	CWT1	Ceramic Wall Tile	Walls- General	Daltile	Pattern: Vivify Color: Spectra Blue VF03 Size: Mosaic 14-11/16" x 12-13/16",1/8" Thickness Grout: Laticrete, Spectralock Pro Premium Grout Color: Light Pewter Grout Joint: 1/8"	C1	Carpet	Offices	Shaw	Style: Living Systems, Source Tile 5T315 Color: Radiant 05515 Format: Plank Size: 9" x 36" x 0.209 in. thickness Backing: Synthetic/Ecoworx Adhesive: Manufacturer Recommended	AP1	Acoustical Panel - Tackable	Reception Casework	Ketchum Walton Co.	Fabritrak Stretched Fabric Wall System profile: 1", S Square NRC Rating of: 0.75 Fire Rating : Class A Notes: Utilize Tackable Core, Micore
Bennu Enterprises	Signage	Tony Hatchell 615.226.4577 tony@bennusigns.com	EP1 EP2	Epoxy Paint VOID	Walls- General	Sherwin Williams	Color: Drift of Mist SW9166 Formula/Finish: Low Gloss Water-Based Epoxy	C2	Carpet	Conference Room	Shaw	Installation: Ashlar Style: Living Systems, Observe Tile 5T306 Color: Radiant 05515 Format: Plank					Fabric Manufacturer: Carnegie Xorel Pattern: Meteor Color: 2000 Notes: See Acoustical Panel Section for information
Carnegie Fabrics	Acoustical Panel Fabric	Tim Butler 615.479.4950 tbutler@mainsolutionsllc.com	EP2 EP3	Epoxy Paint	GYP Ceilings	Sherwin Williams	Color: SW7007 Ceiling Bright White Formula/Finish: Low Gloss Water-Based Epoxy					Size: 9" x 36" x 0.272 in. thickness Backing: Synthetic/Ecoworx Adhesive: Manufacturer Recommended	D1	Doors	New Interior Arch. Doors		Finish: PL1
Daltile	Ceramic Tile	Abby Finnegan 615.519.9672 abby.finnegan@daltile.com	P1	Wall Paint	Walls- General	Sherwin Williams	Color: Drift of Mist SW9166 Formula/Finish: Latex Eggshell	LVT1	Luxury Vinyl	Floors	Mannington	Installation: Ashlar Style: Amtico Wood Collection Color: Manor Oak AROW7970- Square Edge	MR1	Decor Mirror	Upgraded Toilets	Uttermost	Frame: Aramis 09605 Size: 24"x36"
Durasein	Solid Surface	Pam Dervarics 610.360.5825 pam.dervarics@durasein.com	P2	Wall Paint	Walls- Accent	Sherwin Williams	Color: Rain SW6219 Formula/Finish: Latex Eggshell	PTF1	Tile	Walls-	Emser	Size: 9" x 48" x 2.5mm thickness Adhesive: Manufacturer Recommended Pattern: Milestone		Signage	See sign plans	Bennu Enterprises	Style: To match Facility Standards Notes: Allow a 5% allowance in bid
Emser Tile	Porcelain Tile	Randy Crowder randycrowder@emser.com	P3	Wall Paint Soffit	Walls- Accent GYP	Sherwin Williams Sherwin	Color: Delft SW9134 Formula/Finish: Latex Eggshell Color: Riverway SW6222		Porcelain Wall Tile	Field	Tile	Color: Gray Size: 12" x 24" x 8mm Grout: Laticrete, Spectralock Pro Premium	DWP1	Signage Decorative Wall Panel	Walls- Reception	3form	Product: Profile Panel Modular Surface Pattern/Color: TBD Size: 15'5" x 6'-0"
Fry Reglet	Millwork	Nick Green 770.468.2599 nickgreen@fryreglet.com	P5	Paint	Soffits- Accent GYP	Sherwin	Formula/Finish: Latex Eggshell Color: Ceiling Bright White SW7007					Grout Color: Dusty Grey 60 Grout Joint: 1/8" Installation: 1/3rd Offset					
Grifform Ketchum Walton	Solid Surface Transition Acoustic Panel -	www.grifform.com Kay Reinhardt	P6	Paint Metal	Ceilings Door Frame	Williams es Sherwin	Formula/Finish: Latex Eggshell Color: Thunder Gray SW7645	SC	Sealed Concrete	Floors	Sherwin Williams	Style: Armorseal Treadplex Color: Haze Gray Notes: See architectural specifications for					
CO.	Fabriktrak	312.550.2967 kreinhardt@ketchumandwalton.com		Paint	Inter. Metal Doors, Meta Door Lite, Laminate		Formula/Finish: Semi Gloss Alkyd Enamel Note: For INTERIOR doors ONLY, See architectural drawings and specifications for all					information]]				
Logistic Solutions	Floor Purchasing	Logistics Solutions LLC Customersvc@logisolutions.net 615.750.2014	P7	Detail	Door Lite Storage/	Sherwin	exterior finishes.	TS1	FL		_	Ramping TRT#, 1/8" Beveled	_				
Mannington	Flooring/Base	Terri Bailey 615.427.8980 hca@mannington.com HPG#5468	PWT1	Paint Porcelain Wall Tile	Supply Walls- Field	Williams Emser Tile	Formula/Finish: Latex Eggshell Pattern: Milestone Color: Moon Size: 12"x24"	TS2	Strip			Corian Color: Neutral Concrete See Flooring for Detail Note About Ramp Size. Vinpro- S, Aluminum	_				
MDC Wall Covering	Vinyl Wall Covering	Monica Fox 800.621.4006 mfox@mdcwall.com					Grout: Laticrete, Spectralock Pro Premium Grout Color: Light Pewter 90 Grout Joint: 1/8"	TS3		o Carpet	,	Finish: Brushed Nickel Anodized Aluminum Backfill with thin set to prevent denting. Vinpro- U, Aluminum	-				
Schluter Systems	Metal Trim	Jack Leblanc 225.483.2758 Jack Leblanc@schluter.com	WC1	Porcelain Wall Tile	Board Rooms	MDC	Pattern: Rafter MRE1744 Color: Blue Cargo Type II	TS4	Strip	o Concrete	Systems	Finish: Brushed Nickel Anodized Aluminum Backfill with thin set to prevent denting. Contractor to submit ADA compliant transition	_				
Shaw	Carpet	Ashley Hart 615.878.2293 ashley.hart@shawcontract.com HPG#500169		1		METAL	TRIM		U U		Systems	from that is appropriate for new/existing flooring heights. Stainless Steel ONLY					
Sherwin Williams	Interior Paint	Andrew Flippin Andrew.flippin@sherwin.com HPG#5893	CODE SCH1	ITEM Tile Cove	LOCATION Walls-	MANUFACT.	DESCRIPTION Dilex-AHK				CASEV	VORK					
Uttermost	Decorative Mirror	www.uttermost.com	SCH2	Piece Tile Edge	Tile Walls-	Systems Schluter	Finish: Brushed Nickel Anodized Aluminum Jolly Aluminum	CODE DCP1		LOCATION Reception	MANUFACT 3form	T. DESCRIPTION Varia Ecoresin	-				
Wilsonart	Plastic Laminate	Chris Fleming 615.292.2188 fleminc2@wilsonart.com		Trim	Tile	Systems	Finish: Brushed Nickel Anodized Aluminum	DCFT	Polyresin Panel	Desk	30111	Color: Specialty Wave Sage + Avalanche (D01) LID # 1093997 Size: 3/8" thick)				
3form	Poly Resin	Jenna Harris 615.708.3126 jenna.harris@3-form.com			LOCATION	BAS	DESCRIPTION	FR1	Millwork	Reception	Fry Reglet	Front: Wave Emboss Back: Sandstone Item: Millwork 1/4" Post	-				
			CODE RB1	ITEM Rubber Base	Walls- General	MANUFACT.	Style: Optimum Edge TP rubber Height: 4"H, 1/8" thick	MC1	Reveal Millwork Corner	Desk Misc. Casework	Fry Reglet	Finish: Clear Anodized Aluminum Item: Millwork Corner Key Angle: 3/16" wing					
CODE ITEM		T. DESCRIPTION	_				Color: Mocha Adhesive: Manufacturer Recommended Notes: Coved and continuous rolls. Miter inside corners. Do NOT use pre-molded	PL1	Plastic Laminate	Corners Vertical Surfaces/	Wilsonart	Finish: Clear Anodized Aluminum Pattern: Pinnacle Walnut 7992 Finish: 38 Fine Velvet Texture	-				
ACT1 Acoustical Ceiling Tile General	General, Armstrong		RB2	Rubber Base	Walls- upgraded	Mannington	outside corners. Style: Edge Effects, Sophisticate EESOP rubber wall base	SS1	Solid Surface	Interior Door Transaction/ Countertops	Durasein	Color: Sun Kissed DM5044 Thickness: 1/2" Edge Profile: Eased w/ 1.5" Apron	-				
	Staff Areas	Factory Painted White NRC: 0.75, CAC:35	_				Height: 4.25"H Color: Mocha Adhesive: Manufacturer Recommended Notes: Miter cut all joints. Utilize matching	SS2	Solid Surface	Window Stools/ Integral Sinks	Durasein	Color: Natural White DM1002					
ACT2 Acoustical Ceiling Tile Upgraded	Upgraded Armstrong - Public or Patient Areas	Ultima Healthzone High NRC 1445 Fine Texture 24"x24" Square Lay-In with 15/16" Prelude XL Grid, Factory Painted White NRC: 0.80, CAC: 35					caulk when installed on top of hard surface.		Casework Interior Melamine	Casework Interior	See Architectural Specs	Color: White See Architectural Sheets for further details.	1				

	CEILINGS									
CODE	ITEM	TYPE/ LOCATION	MANUFACT.	DESCRIPTION						
ACT1	Acoustical Ceiling Tile - General	General, Back of House, Staff Areas	Armstrong	Fine Fissured 1754 Medium Texture 24"x24" Square Lay-In with 15/16" Prelude XL Grid, Factory Painted White NRC: 0.75, CAC:35						
ACT2	Acoustical Ceiling Tile - Upgraded	Upgraded Public or Patient Areas	Armstrong	Ultima Healthzone High NRC 1445 Fine Texture 24"x24" Square Lay-In with 15/16" Prelude XL Grid, Factory Painted White NRC: 0.80, CAC: 35						
EXP	Exposed Ceiling	See Finish Plans								
GYP	Gypsum Board Ceiling	See Finish Plans		See WALLS section for ceiling paints.						

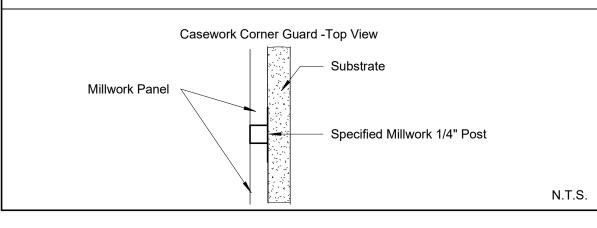
FINISH SELECTIONS AND GENERAL NOTES

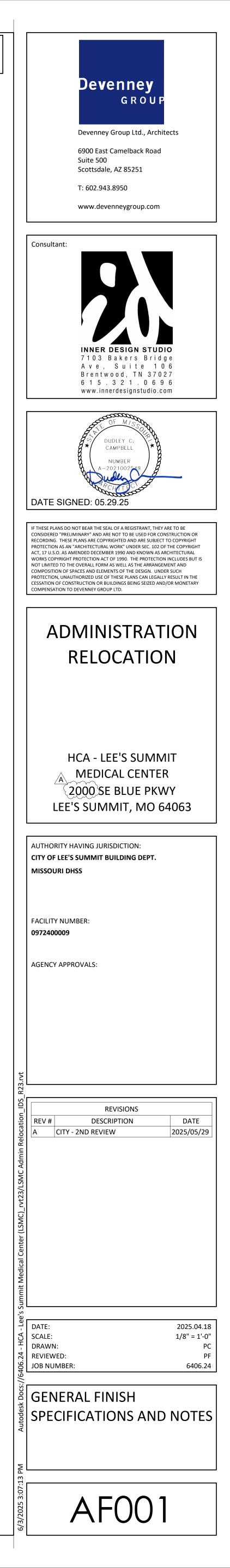
MILLWORK CORNER DETAIL



MILLWORK EDGE DETAIL

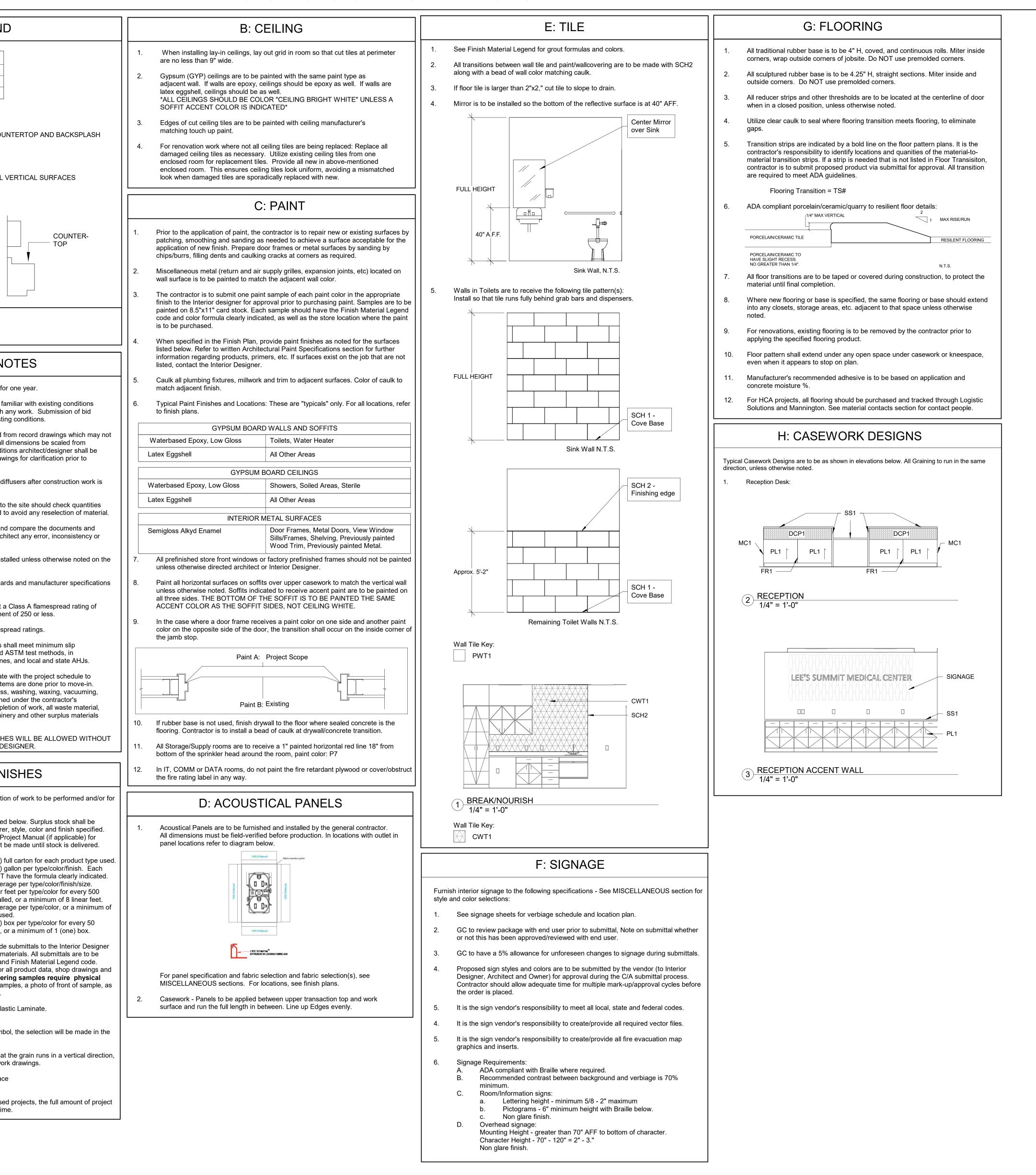
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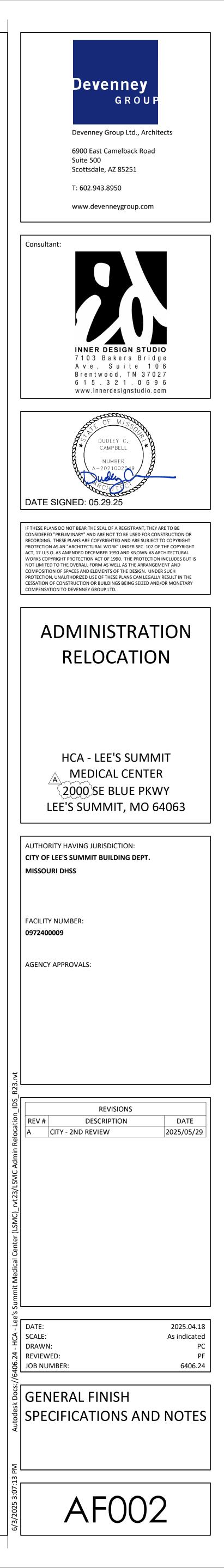


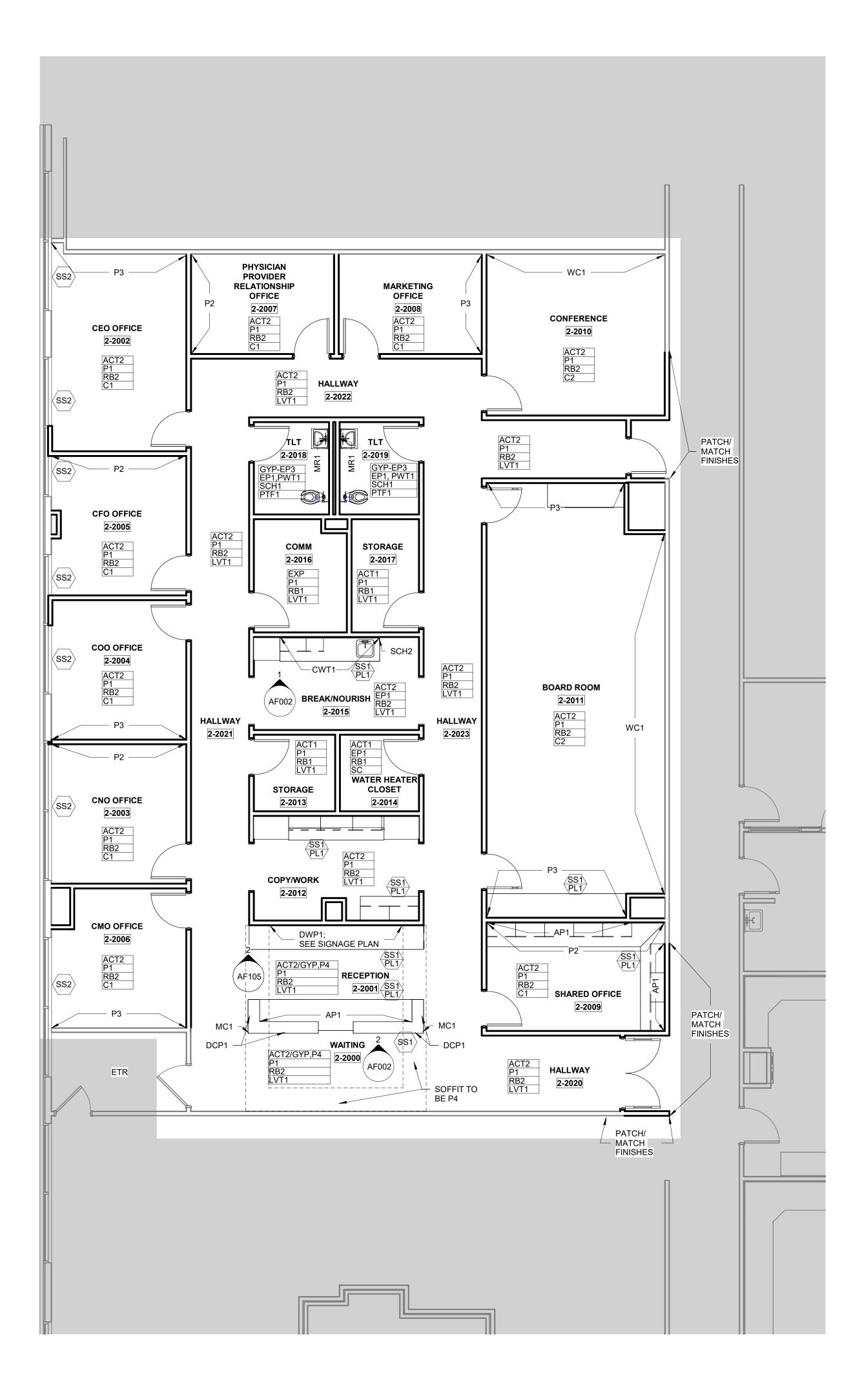


			LEGE	ND
	CEILING FINISH WALL FINISH BASE FLOORING		- ACT1 - P1 - RB1 - C1	
	PL2 PL1	ENOTES (COLOR OF C	OUNT
		ENOTES (COLOR OF A	LL VE
		RTICAL RFACE		
	BACK	(SPLASH VERTIC/ SURFAC		
	ETR= Existing finisl PM= Patch and Ma NIS= Not in Scope UON= Unless Othe	tch existing	g finishes	
		GEN	IERAL	NO
1. 2.	All work shall be gu All contractors shall before submitting b indicates that the co	visit jobsit ids and/or	e and becom proceeding w	e famil /ith any
3.	The drawings attach reflect actual field c drawings. The cont notified of any subs proceeding with wo	onditions. tractor sha equent wo	In no case sh Il verify all coi	hall dim
4.	Thoroughly clean al complete.	l light lens	and ceiling a	ir diffus
5.	All parties responsil and delivery dates a			
6.	The general contrac finish plans and sha omission he may di	all at once r		
7.	Furniture is the be of furniture plan.	owner furni	shed, owner	installe
8.	For all products inst for installation.	alled, note	industry star	ndards
9.	All interior wall, ceili 25 or less, and shal			
10. 11.	All interior flooring r All flooring at mean resistance requirem accordance with bu	s of egress ients of rel	and wet area evant ANSI a	as sha Ind AS
12.	Final Clean Up: The make certain that a This would include or any other service maintenance cleani rubbish, tools, cons shall be removed fre	II housekee wiping dow es which wo ng progran truction eq	eping cleanup m, cleaning g ould be perfo ns. Upon cor uipment, mad	o items lass, w rmed u mpletio
13.	NO SUBSTITUTIO PRIOR APPROVAL			
	A:	GENE	ERAL F	INIS
1.	Refer to attached dra floorplan layout of fac		further clarific	ation o
2.	Contractor is to provi provided on each dif Refer to Written Spe additional information	ferent prod cifications	uct manufact Section in the	turer, s e Proje
	Ceiling Tile: Interior Paint:		Provide 1 (on Provide 1 (on container MU	ie) gall IST hav
	Porcelain Tile: Rubber Base:		Provide 3% o Provide 8 line linear feet ins	ear feei stalled,
	Carpet (Modular) Luxury Vinyl Tile:		Provide 5% o 1 box of each Provide 1 (on boxes installe	n used. ne) box
3.	Submittal requirement for approval prior to the clearly marked with r 3.1 Electronic su samples. Pa samples, no well as manuf	fabricating nanufactur bmittals ar int draw d exceptior	or purchasing er, style color e acceptable ownsWallco ns. For finish	g mate r and F for all overing sample
4.	Interior Architectural 4.1 Door finish is	to be: D1.		
5.	If casework does not shop drawings.			
6.	Wood grain laminate unless otherwise not	ed on arch	itectural case	work c
7. 8.	The window stool ma 7.1 The window s To avoid variances a	stool finish	is to be: SS2	2
	finish materials need			

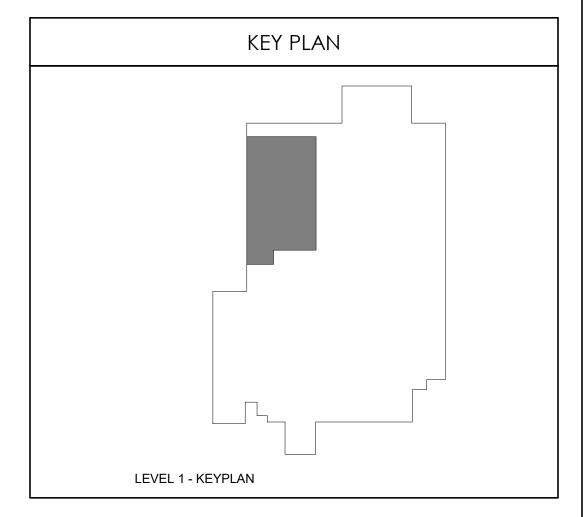
FINISH SELECTIONS AND GENERAL NOTES

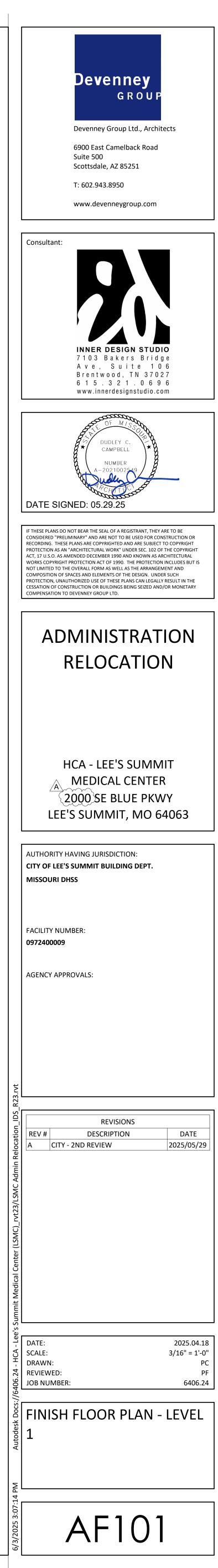


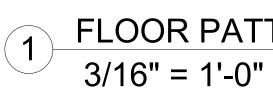


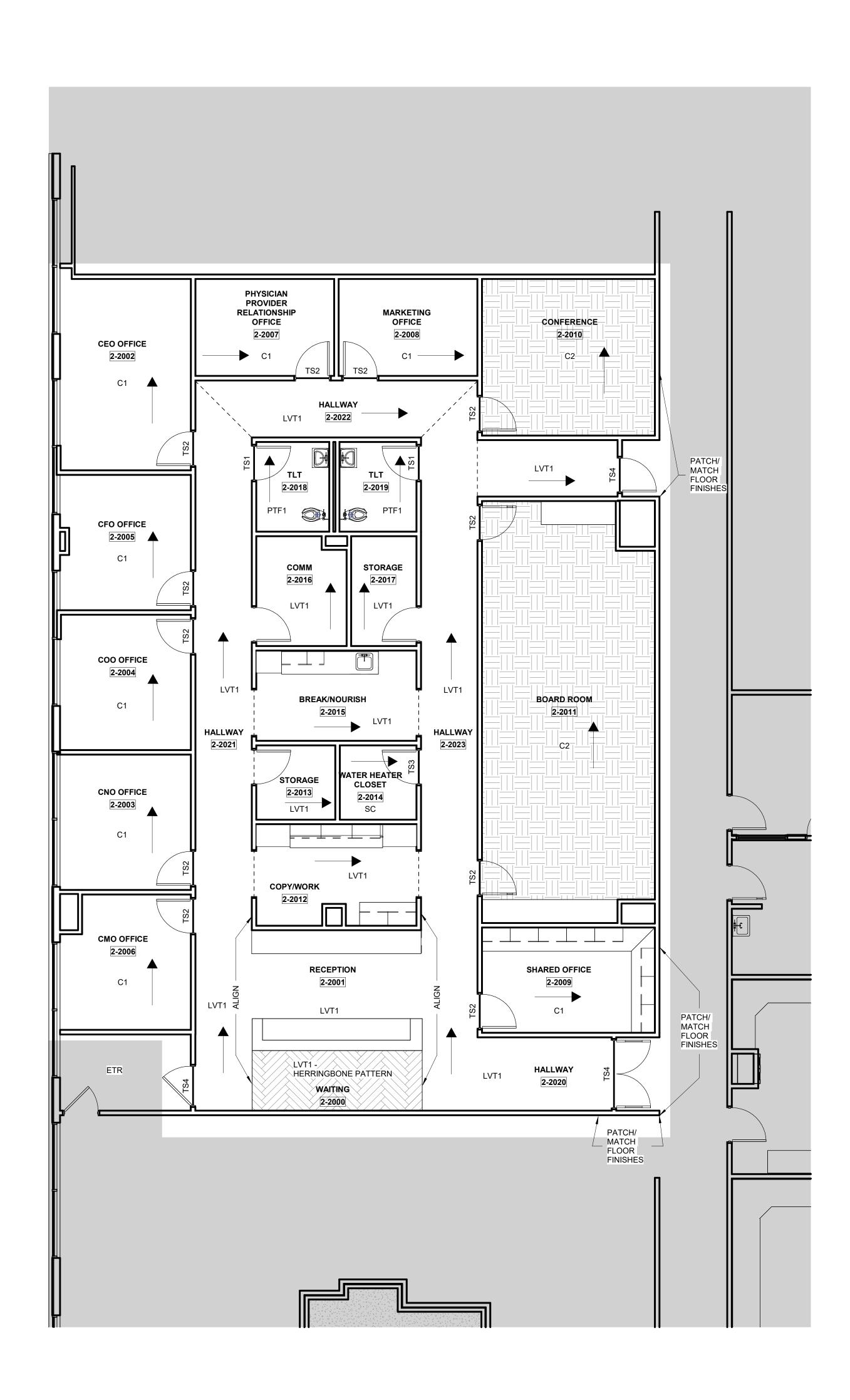


I - LEVEL 1





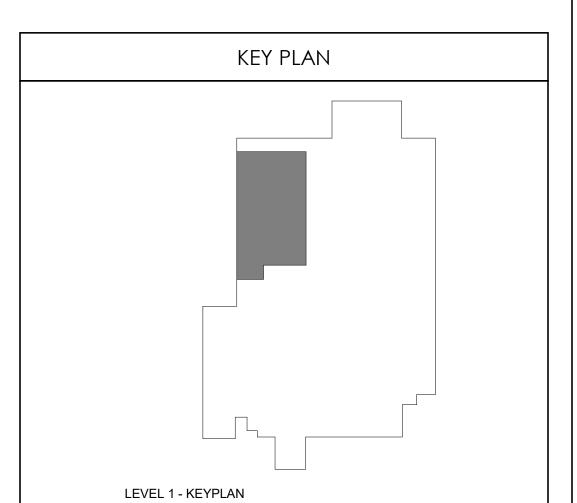


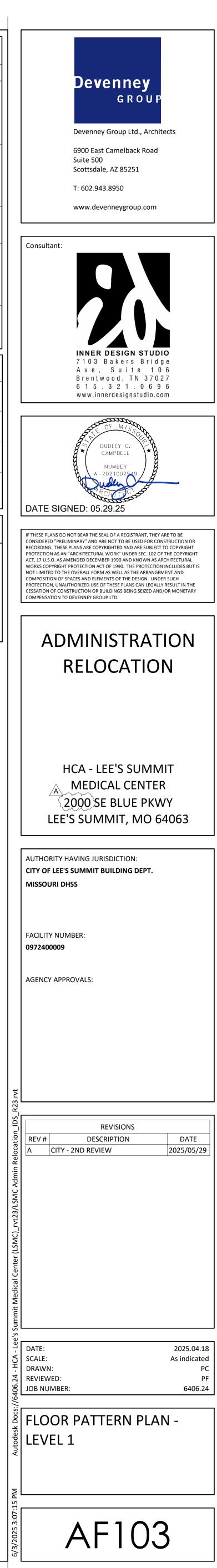


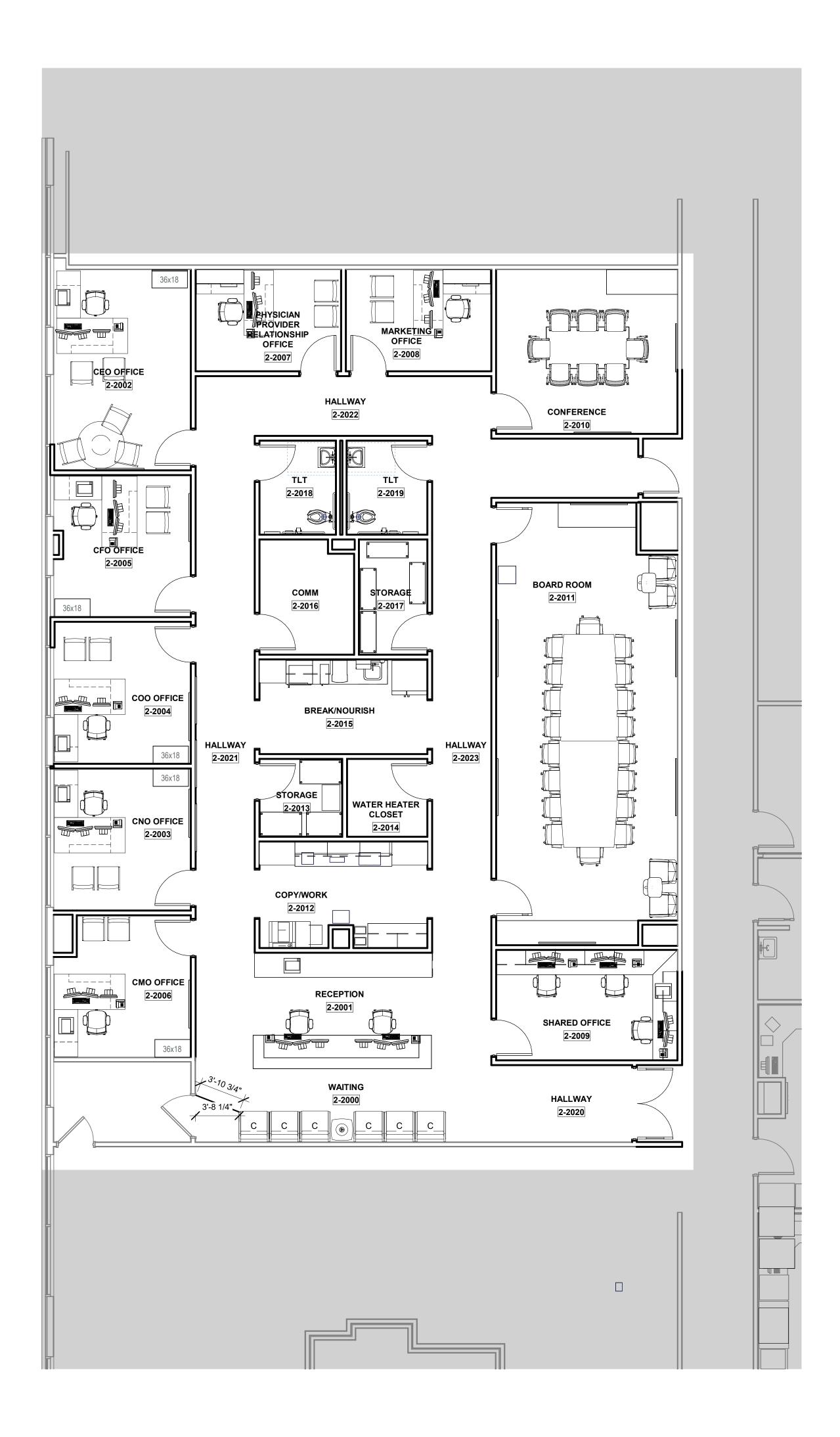
FLOOR PATTERN PLAN - LEVEL 1

			FLOC	RING
CODE/	ITEM	LOCATION	MANUFAC	T. DESCRIPTION
C1	Carpet	Offices	Shaw	Style: Living Systems, Source Tile 5T315 Color: Radiant 05515 Format: Plank Size: 9" x 36" x 0.209 in. thickness Backing: Synthetic/Ecoworx Adhesive: Manufacturer Recommended Installation: Ashlar
C2	Carpet	Conference Room	Shaw	Style: Living Systems, Observe Tile 5T306 Color: Radiant 05515 Format: Plank Size: 9" x 36" x 0.272 in. thickness Backing: Synthetic/Ecoworx Adhesive: Manufacturer Recommended Installation: Ashlar
LVT1	Luxury Vinyl Tile	Floors	Mannington	Style: Amtico Wood Collection Color: Manor Oak AROW7970- Square Edge Size: 9" x 48" x 2.5mm thickness Adhesive: Manufacturer Recommended
PTF1	Porcelain Wall Tile	Walls- Field	Emser Tile	Pattern: Milestone Color: Gray Size: 12" x 24" x 8mm Grout: Laticrete, Spectralock Pro Premium Grout Color: Dusty Grey 60 Grout Joint: 1/8" Installation: 1/3rd Offset
SC	Sealed Concrete	Floors	Sherwin Williams	Style: Armorseal Treadplex Color: Haze Gray Notes: See architectural specifications for information
	F	LOORIN	IG TRA	NSITION STRIPS
TS1	Transition Strip	LVT to SVF	Grifform	Ramping TRT#, 1/8" Beveled Corian Color: Neutral Concrete See Flooring for Detail Note About Ramp Size.
TS2	Transition Strip	1/8" Resilient to Carpet	Schluter Systems	Vinpro- S, Aluminum Finish: Brushed Nickel Anodized Aluminum Backfill with thin set to prevent denting.
TS3	Transition Strip	1/8" Resilient to Concrete	Schluter Systems	Vinpro- U, Aluminum Finish: Brushed Nickel Anodized Aluminum Backfill with thin set to prevent denting.
TS4	Existing	New Floor to Existing Flooring	Schluter Systems	Contractor to submit ADA compliant transition from that is appropriate for new/existing flooring heights. Stainless Steel ONLY
		FLC	OORING	G LEGEND
		TS		FLOORING TRANSITION TYPE
				PLANK OR TILE DIRECTION

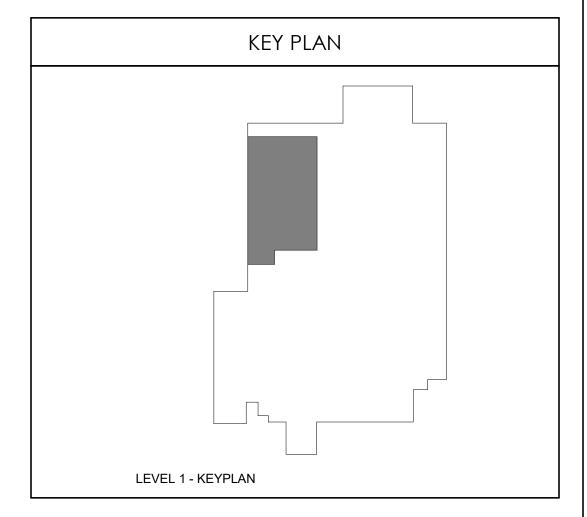
PATTERN DIRECTION CHANGE

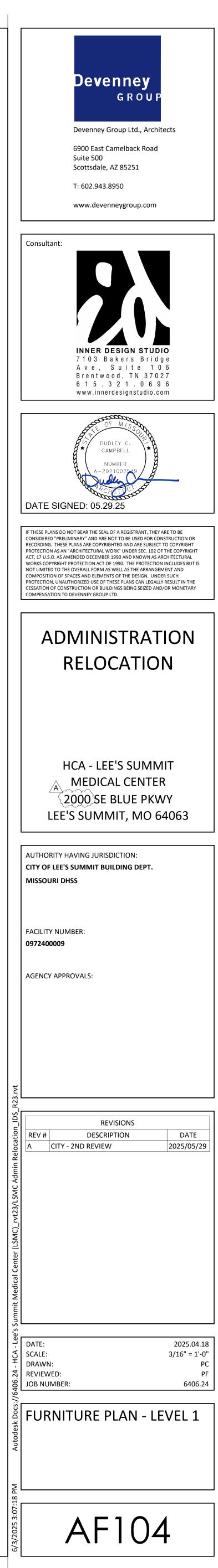


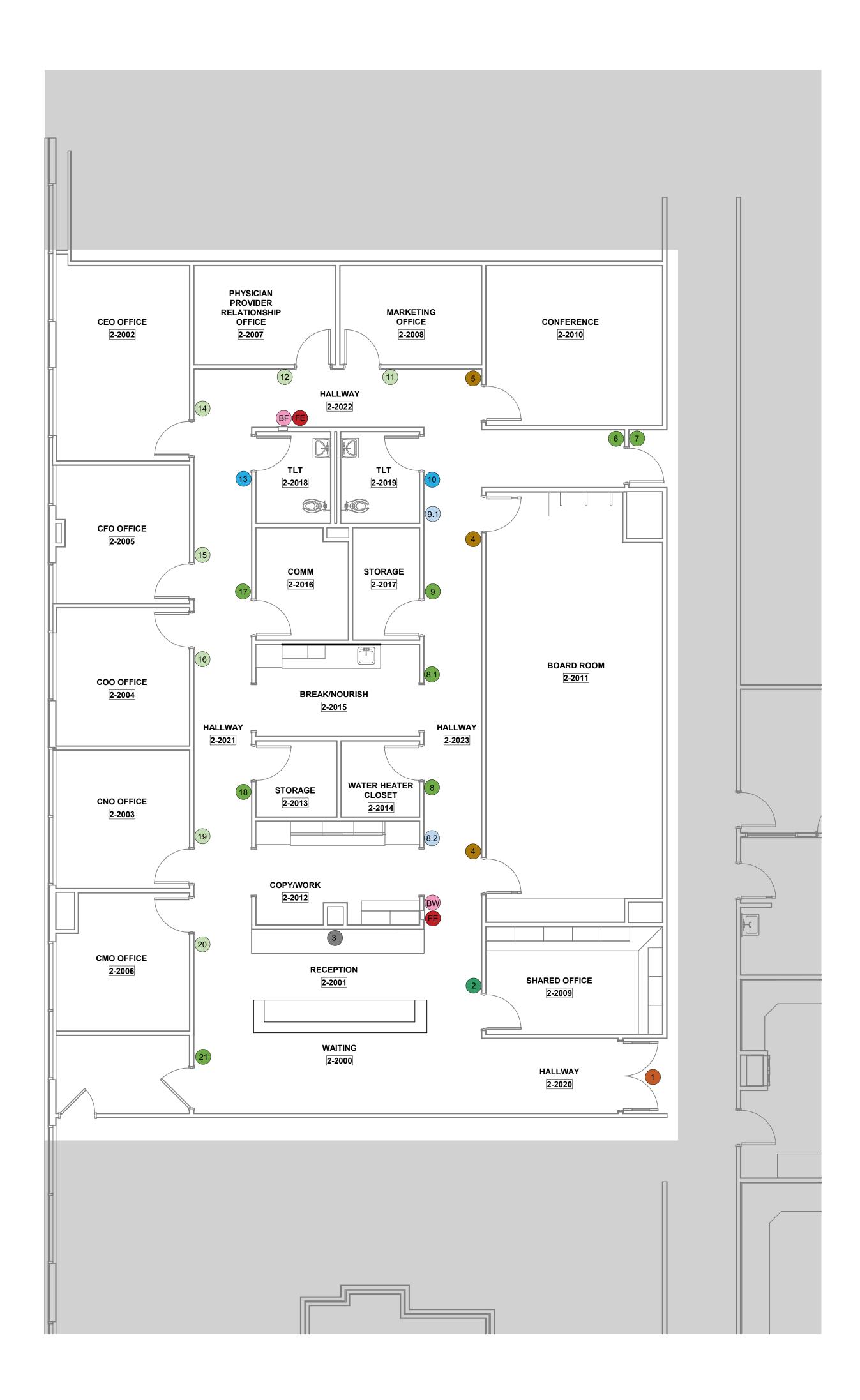






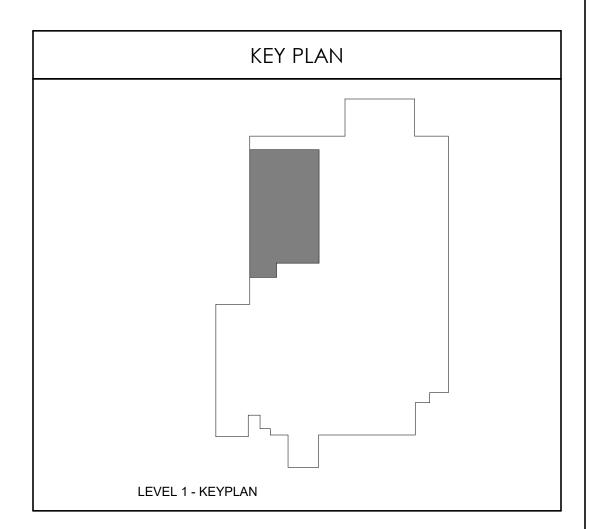


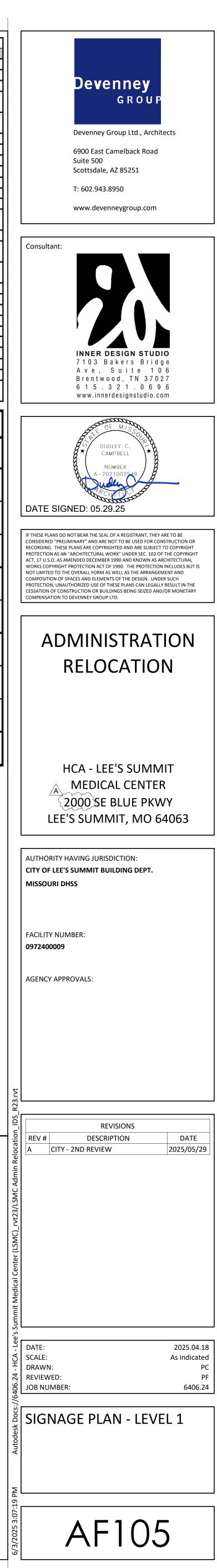


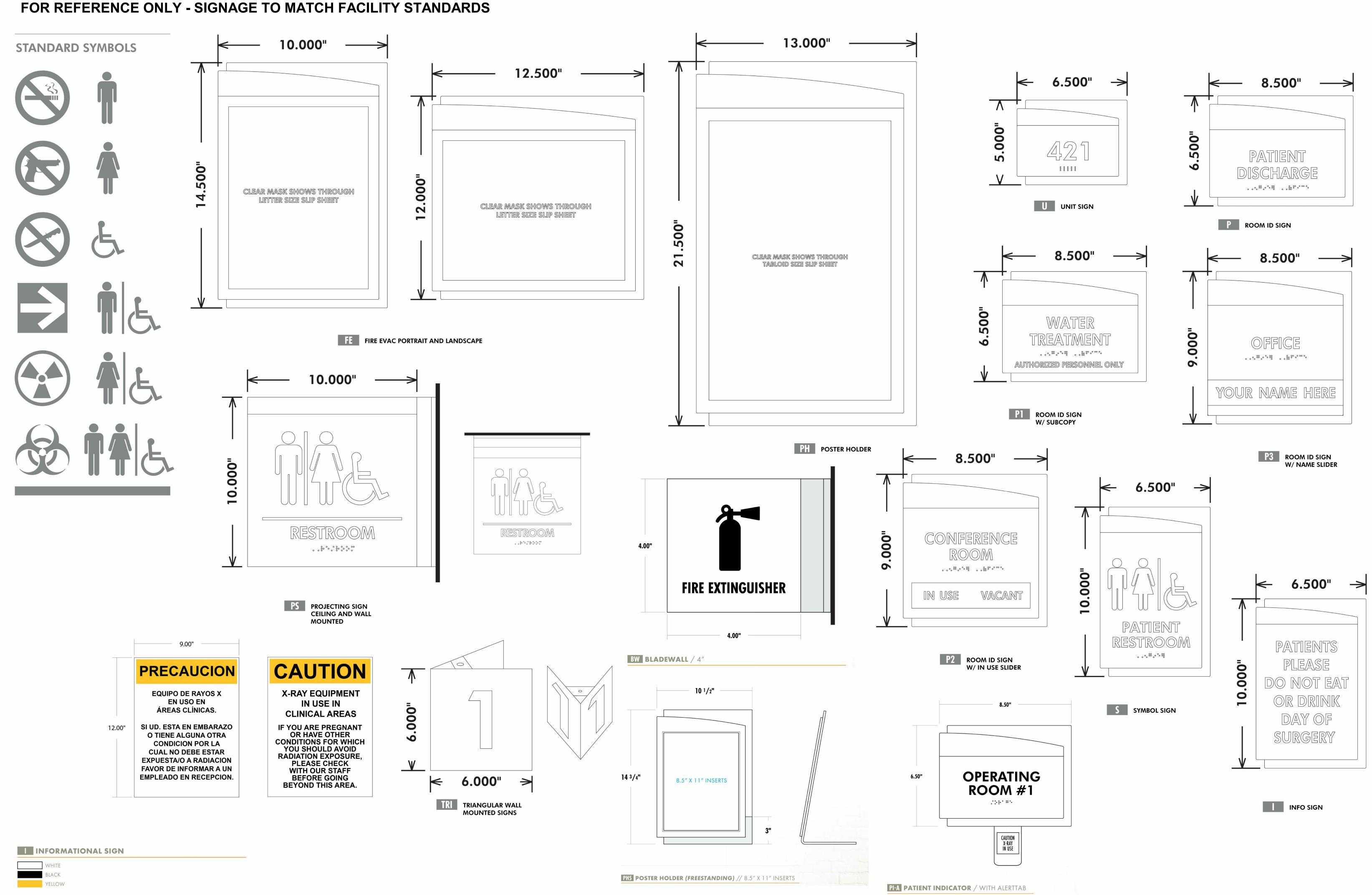


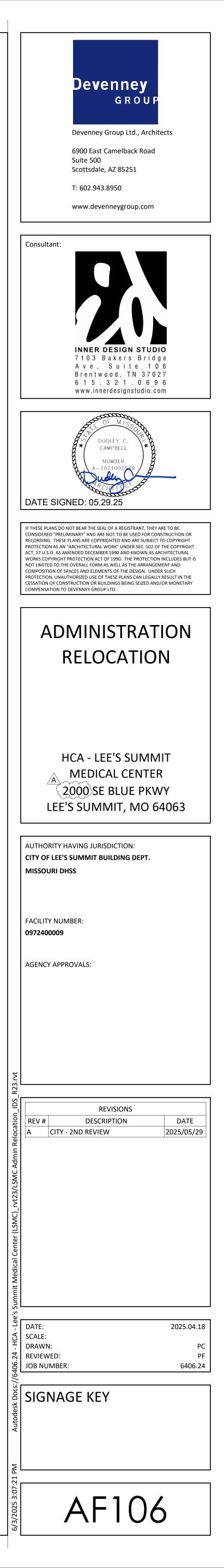
1 SIGNAGE PLAN - LEVEL 1 3/16" = 1'-0"

DCATION DMINISTRA	QTY. TION	FLOOR		-								
1	1	1	INT	V	ADMINISTRATION			L DOOR?				
2	1	1	INT	P4	OFFICE			ONFIRM VERBIAGE				
3	1	1	INT	M	HCA BRANDING SIGNAGE			ONFIRM VERBIAGE RDINATE WITH FACILI				
4	2	1	INT	D	BOARDROOM		AND EL	EC ENGINEER				
	1	1	1417	D	CONTRACTOR	14 1	144 / 14 / 18 / 18 / 19 / 19 / 19 / 19 / 19 / 19	RDINATE WITH FACILI				
5	1	1	INT INT	p	CONFERENCE		AND EL	EC ENGINEER				
7	1	1	INT	P	STAFF ONLY		FACILITY TO C	ONFIRM VERBIAGE				
8	1	1	INT	Р	ELEC/WATER HEATER		FACILITY TO C	ONFIRM VERBIAGE				
8.1	1	1	INT	Р	BREAK/NOURISH	-		ONFIRM VERBIAGE				
8.2	1	1	INT	SD	BREAKROOM & RESTROOM		FACILITY TO C	ONFIRM VERBIAGE				
9 9.1	1	1	INT INT	SD	STORAGE BREAKROOM & LOBBY		FACILITY TO C	ONFIRM VERBIAGE				
5.4	9). 	-				FEMALE/MALE/	TROUT TO C	on min renorate				
10	1	1	INT	5	RESTROOM	HANDICAP						
11	1	1	INT	P3	MARKETING			ME SLOT				
12	1	1	INT	P3	PHYSICIAN PROVIDER RELATIONSHIP		25618.3	CILITY TO CONFIRM RBIAGE				
	-	-				FEMALE/MALE/						
13	1	1	INT	5	RESTROOM	HANDICAP						
14	1	1	INT	P3	CEO			ME SLOT				
15 16	1	1	INT INT	P3 P3	CFO COO	· · · · · · · · · · · · · · · · · · ·		ME SLOT ME SLOT				
17	1	1	INT	P	COMMUNICATION		00	VIL SLOT				
18	2	1	INT	Р	STORAGE							
19	1	1	INT	P3	CNO			ME SLOT				
20	1	1	INT	P3	CMO		NAI	ME SLOT				
21	1	1	INT	P BW	TBD FIRE EXTINGUISHER			BLADE				
	4	1	INT	Æ	FIRE EVACUATION MAPS	L	LOCATE AS REQUI	RED BY FIRE MARSH				
					SIGN TYPE LEGEN	D						
		V			Sign Type : Vinyl Signs							
		D			Sign Type : Digital Room Sign							
		P			Sign Type : Room Sign							
	F	23			Sign Type : Room Sign wit	th Name In	serts					
	F	24			Sign Type: Room sign with	n 2-3 Name	e Inserts					
		S			Sign Type : Room Sign with symbol							
	B	W			Sign Type : Blade Ceilings (Fire Extinguisher signs)							
		FE			Sign Type : Fire Evacuation Plan Signs							
	10	M			Sign Type: HCA Branding Metal routed (Logo)							
	5	SD			Sign Type: Small Direction	al						
		/			11'-0"							
4'-0" SIGNAGE ON SIGNAGE ON SFORM TO BE INCLUDED IN SIGNAGE												
	$2 \frac{M}{1/2}$	- RECE 2" = 1'-(PTION .	ACCEN	IT SIGNAGE							

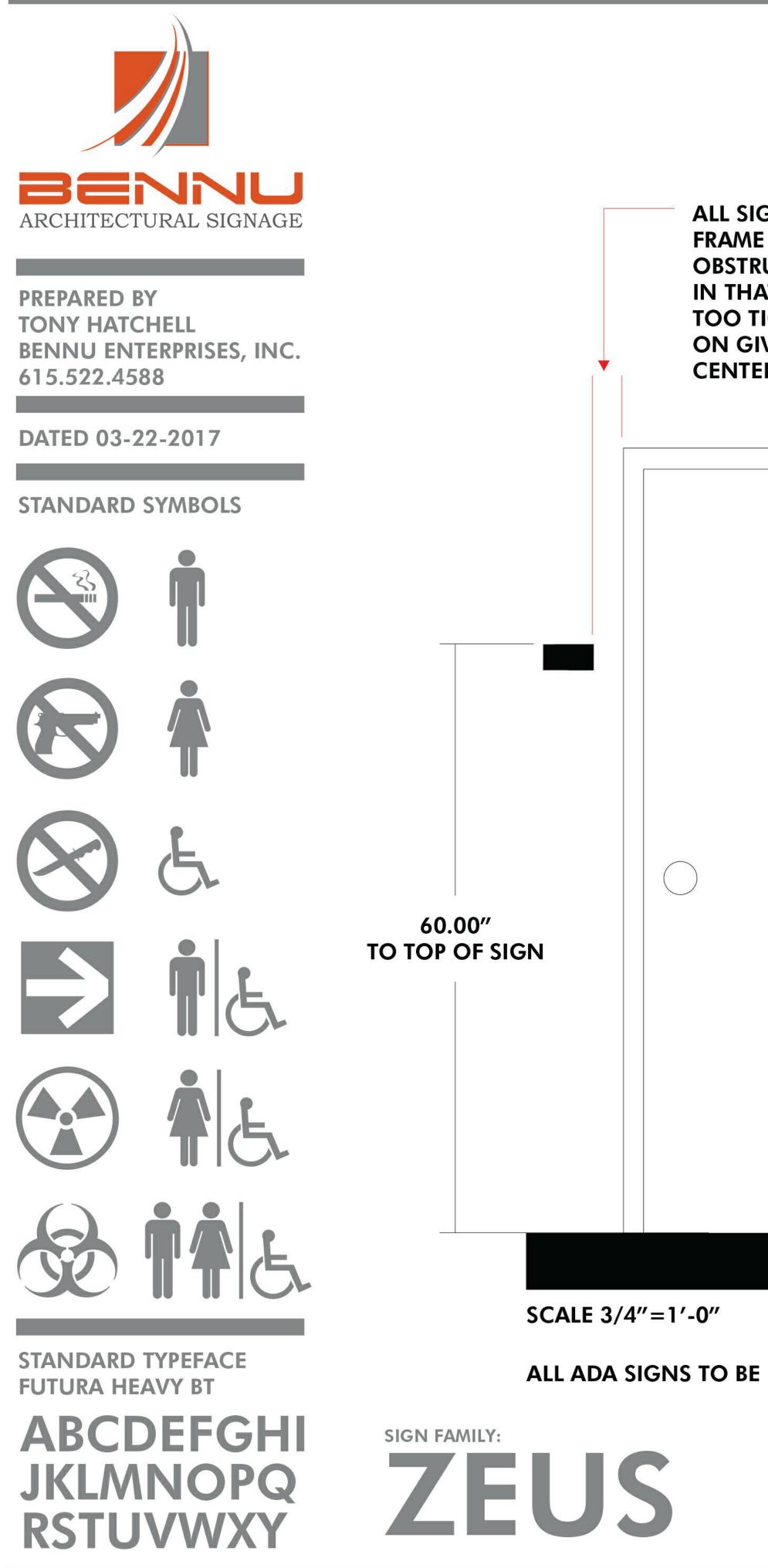








FOR REFERENCE ONLY - SIGNAGE TO MATCH FACILITY STANDARDS

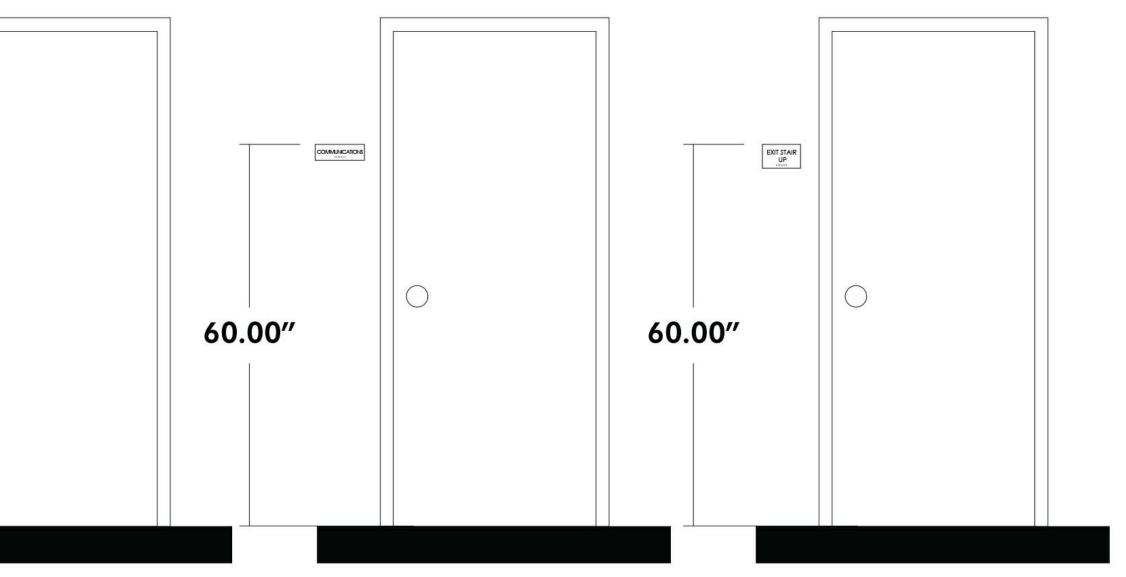


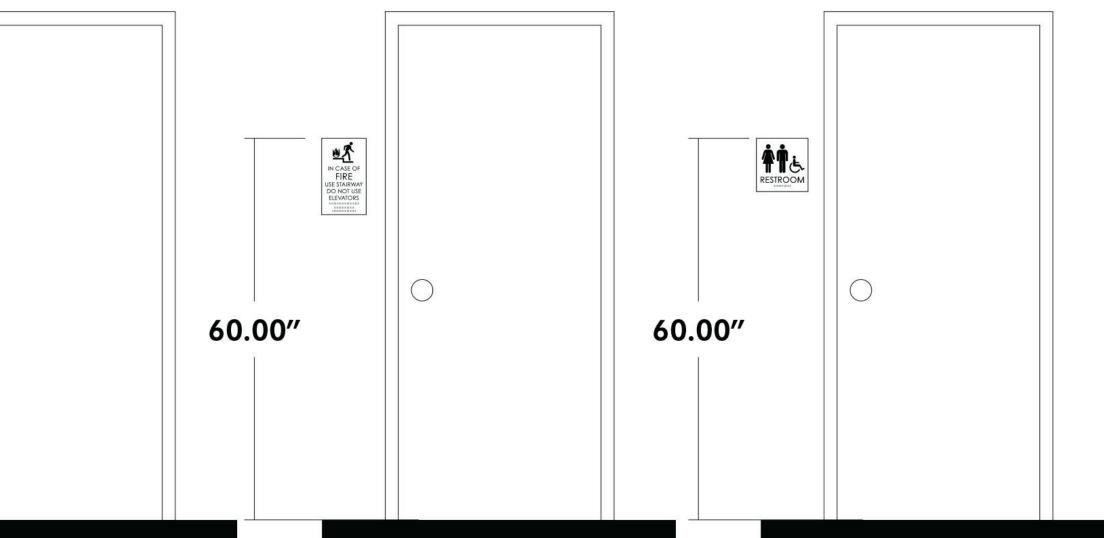
INSTALLATION LOCATIONS

THAT TOP LINE OF ALL SIGNS TO BE MOUNTED 3" FROM THE EDGE OF THE DOOR BRAILLE TO BE AT 60" FRAME TO THE LEADING EDGE OF THE SIGN UNLESS OTHERWISE **I.S. OBSTRUCTED BY AN ADJACENT WALL OR OTHER OBSTRUCTION.** IN THAT CASE SIGN TO BE CENTERED INTO AREA. IE - IF IT IS TOO TIGHT TO ALLOW THE 3" DISTANCE - AS LONG AS SIGN FITS ON GIVEN WALL AREA IT IS TO GO ON LATCH SIDE AND BE CENTERED ONTO AVAILABLE WALL SPACE. • ILEVEL SERVES ALL LEVELS EXIT DOWN 2 LEVELS NO ROOF ACCESS 60.00″ 125 \cap 60.00"

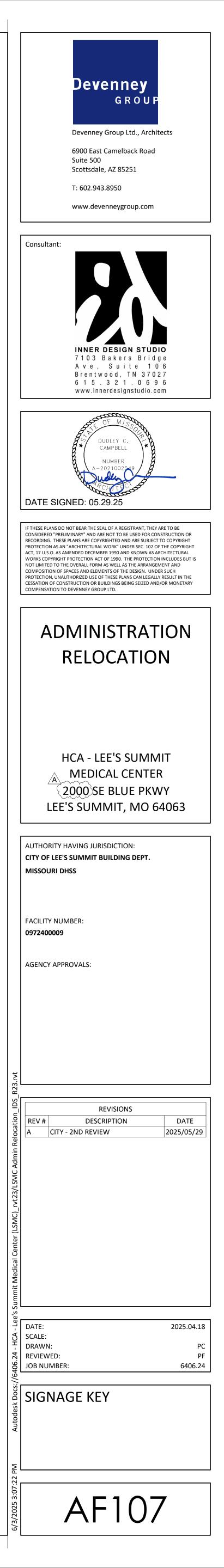
ALL ADA SIGNS TO BE INSTALLED ON LATCH SIDE OF DOOR







INSTALL I.S. SIGNS SO



GENERAL NOTES

- A. ALL PLUMBING WORK SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL BUILDING CODES AND ORDINANCES INCLUDING, BUT NOT LIMITED TO, THE LEE'S SUMMIT, MISSOURI, PLUMBING AND BUILDING CODES & ORDINANCES, NFPA 13 & 14, THE AMERICAN DISABILITIES ACT AND THE LIFE SAFETY CODE. IT IS A REQUIREMENT OF THIS CONTRACT THAT THE CONTRACTOR BE EXPERIENCED IN THIS TYPE OF WORK AND BE THOROUGHLY FAMILIAR WITH THE REQUIREMENTS OF THE APPLICABLE CODES, WHETHER SPECIFICALLY REFERRED TO IN THE DOCUMENTS OR NOT.
- B. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND PAY ALL NECESSARY FEES FOR THE PLUMBING WORK. C. THE CONTRACTOR SHALL FURNISH ALL MATERIALS, EQUIPMENT, AND LABOR REQUIRED TO PROVIDE COMPLETE AND WORKING PLUMBING SYSTEMS, AS
- DESCRIBED IN THE CONTRACT DOCUMENTS, AND FULLY COORDINATED WITH ALL OTHER TRADES. D. REFER TO THE SPECIFICATIONS, THE DRAWINGS AND MANUFACTURER'S CUT
- SHEETS FOR COMPLETE INFORMATION ON MATERIALS AND METHODS REQUIRED TO INSTALL THE PLUMBING SYSTEMS. E. ALL PLUMBING WORK DONE UNDER THIS CONTRACT SHALL BE ACCOMPLISHED
- IN A SKILLED WORKMANLIKE AND PROFESSIONAL MANNER. F ALL PLUMBING AND FIRE PROTECTION PIPING SHALL BE INDEPENDENTLY SUPPORTED, AND EACH SUPPORT SHALL BE INDEPENDENT OF PARTITION AND CEILING SYSTEM SUPPORTS. WHERE INDEPENDENT SUPPORT IS NOT POSSIBLE AN ENGINEERED SUPPORT SYSTEM SHALL BE UTILIZED. HOLD ALL PIPING IN CEILING SPACES HIGH TO STRUCTURE AS POSSIBLE.
- 3. ALL WORK SHALL BE SCHEDULED AND PERFORMED IN COORDINATION WITH ARCHITECTURAL PLANS, PROJECT SCHEDULES AND HOSPITAL OPERATIONS & REQUIREMENTS. COORDINATE ALL REQUIRED SHUT DOWN OF SYSTEMS OR OUT OF PHASE WORK WITH THE OWNER'S REPRESENTATIVE & HOSPITAL PERSONNEL.
- H. THE CONTRACTOR SHALL PROTECT THE PLUMBING EQUIPMENT AND FIXTURES FROM DAMAGE DURING HANDLING AND INSTALLATION AND UNTIL THE PROJECT IS COMPLETED. ANY EQUIPMENT OR FIXTURE THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED, AT THE ARCHITECT AND ENGINEER'S DISCRETION, AND AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL REMOVE ALL EXCESS MATERIAL AND DEBRIS AND CLEAN ALL EQUIPMENT AND FIXTURES UPON COMPLETION OF THE PROJECT.
- THE CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO BIDDING TO VERIFY THE EXACT SIZE AND LOCATION OF ALL EXISTING PIPING RELATED TO HIS WORK.
- K. THE CONTRACTOR SHALL COORDINATE THE PLUMBING WORK WITH ALL OTHER TRADES. WORK SHOWN ON THE DRAWINGS IS INTENDED TO PROVIDE THE OVERALL ENGINEERING DESIGN CONCEPT AND MAY REQUIRE RELOCATIONS, FIELD ADJUSTMENTS OR OFFSETS TO COORDINATE WITH OTHER TRADES AND THE BUILDING STRUCTURE. COSTS FOR ALL SUCH MINOR FIELD ADJUSTMENTS SHALL BE INCLUDED IN THE CONTRACTOR'S BID.
- L. IT IS THE REQUIREMENT OF THESE DOCUMENTS TO ALLOW ALL CEILINGS TO BE CONSTRUCTED AT HEIGHTS AS SHOWN ON THE ARCHITECTURAL DRAWINGS. COORDINATE THE LOCATION OF PIPING AND PROVIDE OFFSETS IN PIPING AS REQUIRED TO MEET THIS REQUIREMENT. M. THE CONTRACTOR SHALL PROVIDE DETAILED AND DIMENSIONED PIPING FABRICATION DRAWINGS FOR APPROVAL BY THE ARCHITECT/ENGINEER. ONE
- BLUE-LINE SET OF THE APPROVED DRAWINGS SHALL BE KEPT ON-SITE AT ALL TIMES AND ANY CHANGES REQUIRED IN THE FIELD SHALL BE MARKED ON THESE DRAWINGS. AT THE END OF THE PROJECT, ALL CHANGES SHALL BE TRANSFERRED TO A REPRODUCIBLE DRAWING TO BE GIVEN TO THE OWNER FOR "AS-BUILT" DRAWINGS. REPRODUCTIONS OF THIS DRAWING WILL NOT BE CONSIDERED AS PIPING FABRICATION DRAWINGS.
- N. ALL PLUMBING EQUIPMENT OR VALVES REQUIRING ACCESS THAT ARE LOCATED ABOVE GYP. BOARD OR OTHERWISE INACCESSIBLE CEILINGS SHALL BE PROVIDED WITH A CEILING ACCESS PANEL SUPPLIED AND INSTALLED BY THE GENERAL CONTRACTOR. THE MECHANICAL CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF THESE ACCESS PANELS WITH THE GENERAL CONTRACTOR.
- O. LOCATE ISOLATION VALVES FOR EQUIPMENT AND FIXTURES AS CLOSE TO THE MAIN AS POSSIBLE. PROVIDE CEILING OR WALL ACCESS PANELS AS NEEDED.

PLUMBING NOTES GENERAL NOTES, CONT. P. COORDINATE ALL WALL MOUNTED DEVICE LOCATIONS WITH ARCHITECTURAL

- INTERIOR ELEVATIONS. Q. ALL CONNECTIONS BETWEEN PIPES OF DISSIMILAR MATERIALS SHALL BE MADE WITH DIELECTRIC UNIONS.
- R. ALL PLUMBING PIPING SHALL BE IDENTIFIED AS DESCRIBED IN THE SPECIFICATIONS.
- S. ALL PLUMBING VALVES SHALL BE TAGGED AND NOTED ON THE "AS-BUILT" DRAWINGS T. SLOPE AND ARRANGE WATER PIPING SYSTEMS TO ESTABLISH HIGH POINTS FOR AIR ELIMINATION AND LOW POINTS TO PERMIT PROPER DRAINING OF EACH SECTION.
- U. COORDINATE ALL PIPING PENETRATIONS THROUGH THE ROOF AND FLOOR WITH THE BUILDING'S STRUCTURE. REFER TO THE PLUMBING PENETRATION DETAILS, THE ARCHITECTURAL DRAWINGS AND THE PLUMBING SPECIFICATIONS FOR SLEEVING AND SUPPORT INFORMATION.
- V. PROVIDE CLEANOUTS AT THE BASE OF ALL STORM AND SANITARY STACKS AND IN INDIVIDUAL WASTE & VENT STACKS AS SHOWN ON THE RISERS. W. LOCATE VENTS THROUGH THE ROOF AT LEAST 25' AWAY FROM ALL FRESH AIR
- INTAKES OR BUILDING OPENINGS. X. LOCATE ALL WALL CLEANOUTS 18" ABOVE THE FINISHED FLOOR.
- Y. PROVIDE BACKFLOW PREVENTION DEVICES APPROVED BY THE AHJ FOR ALL ITEMS OF EQUIPMENT THAT ARE REQUIRED BY THE AHJ TO HAVE CROSS CONTAMINATION PROTECTION, WHETHER SHOWN ON THE DRAWINGS OR NOT.

GCO GRADE CLEANOUT

	CONTAMINATION PROTECTION, WHETHI	ER SHOWN O	N THE DRAWINGS OR NOT.
Z	Z. PROVIDE A PRV AT THE DOMESTIC WAT WATER SYSTEM PRESSURE TO THE BUI		
A	A. RUN ALL PIPING IN WALLS, CHASES AND CHROME PLATED PIPING WHERE EVER		
E	B. PROVIDE DRIP PANS UNDER PLUMBING AND/OR THE OWNER.	LINES WERE	REQUIRED BY CODE
C	CC. PROVIDE ACCESS TO ALL VALVES AND	TRAP PRIME	RS.
	PLUMBING ABBREV	IATIONS	
ABV AFF AFG	ABOVE ABOVE FINISHED FLOOR ABOVE FINISH GRADE	GPM GW HB	GALLONS PER MINUTE GREASE WASTE HOSE BIBB
AFG	ACCESS PANEL	нв HD	HUB DRAIN
AD	AREA DRAIN	HW	HOT WATER
BFF	BELOW FINISH FLOOR	HWR	HOT WATER RETURN
B/G	BELOW GRADE	I.E.	INVERT ELEVATION
BV	BALANCING VALVE	L	LAVATORY
CA	COMPRESSED AIR	MH	MANHOLE
CO	CLEAN OUT	MS	MOP SINK
CSS	CLINICAL SERVICE SINK	NC	NORMALLY CLOSED VALVE
CW	COLD WATER	NO	NORMALLY OPEN VALVE
DD	DECK DRAIN	NFWH	NON-FREEZE WALL HYDRANT
DF	DRINKING FOUNTAIN	NFYH	NON-FREEZE YARD HYDRANT
DN	DOWN	OS&Y	OUTSIDE STEM AND YOKE
DS	DOWNSPOUT	PD	PLANTER DRAIN
DSN	DOWNSPOUT NOZZLE	PRV	PRESSURE REDUCING VALVE
ESH	EMERGENCY SHOWER	TMV	THERMOSTATIC MIXING VALVE
EW	EYE WASH	T&P	TEMPERATURE AND PRESSURE
EWC	ELECTRIC WATER COOLER		VALVE
FCVA	FLOOR CONTROL VALVE ASSEMBLY	TP	TRAP PRIMER
FCO	FLOOR CLEANOUT	V	VENT PIPING
FD	FLOOR DRAIN	VB	VACUUM BREAKER
FS	FLOOR SINK	VTR	VENT THROUGH ROOF
GC	GENERAL CONTRACTOR	WB	WALL BOX
000			

DEMOLITION NOTES

- A. ALL SECTIONS OF PLUMBING PIPING THAT ARE SHOWN TO BE DEMO'D SHALL BE REMOVED BACK BACK TO MAINS, OR NEAREST ACTIVE LINES, AND CAPPED OR PLUGGED SO THAT NO DEAD
- ENDS ARE CREATED. B. ALL DEMOLITION WORK SHALL BE SCHEDULED AND PERFORMED IN STRICT COORDINATION WITH ARCHITECTURAL PHASING PLANS, HOSPITAL SCHEDULES, AREA OCCUPANCIES AND OTHER TRADES.
- C. ALL DEMOLISHED ITEMS THAT ARE NOT RETAINED BY THE OWNER AND ARE NOT CALLED OUT
- TO BE REINSTALLED BY THE CONTRACT DOCUMENTS SHALL BE DISPOSED OF LEGALLY. D. ANY EXISTING PLUMBING RISERS EXPOSED BY THE REMOVAL OF EXISTING WALLS OR CHASES SHALL BE RELOCATED TO A NEARBY LOCATION AS NOTED ON THE DRAWINGS OR AS APPROVED BY THE
- ARCHITECT. THE CONTRACTOR SHALL REPLACE ALL DAMAGED CEILING TILES AND REPAIR ALL DAMAGED WALL FINISHES DURING DEMOLITION WORK.
- PROVIDE ADDITIONAL VALVES, FITTINGS AND/OR PIPING AS NECESSARY TO PROVIDE UNINTERRUPTED SERVICE TO AREAS OUTSIDE AND INSIDE OF THE AREA WHERE WORK IS BEING PERFORMED.
- INFORMATION PROVIDED ON THESE DRAWINGS HAS BEEN TAKEN FROM DESIGN DRAWINGS AND FIELD OBSERVATIONS. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO PRICING AND COMMENCEMENT OF WORK.
- H. ALL EXISTING PIPING THAT IS CAPPED OFF OR PLUGGED DURING DEMOLITION SHALL BE CHECKED FOR LEAKS.
- PROVIDE AND INSTALL ALL NECESSARY PIPING AND ACCESSORIES REQUIRED TO MAINTAIN SERVICE TO ALL "EXISTING TO REMAIN" FIXTURES AND EQUIPMENT THAT MAY BE INTERRUPTED DURING DEMOLITION.
- WHERE EXISTING MECHANICAL EQUIPMENT IS DEMOLISHED, REMOVE ALL RELATED PLUMBING TO THE EQUIPMENT AND THEIR ASSOCIATED PIPING BACK TO THE POINT OF ORIGINATION.
- K. ANY FLOOR DRAIN OR FLOOR SINK INDICATED TO BE REMOVED SHALL BE REMOVED COMPLETELY. L. EXISTING FIXTURES AND EQUIPMENT NOT INDICATED TO BE REMOVED SHALL REMAIN IN USE.

PROJECT DESIGN CRITERIA

LOCATION: CITY/STATE APPLICABLE CODES: BUILDING MECHANICAL

PLUMBING

ELECTRICAL

FIRE

2018 INTERNATIONAL BUILDING CODE 2018 INTERNATIONAL MECHANICAL CODE 2018 INTERNATIONAL PLUMBING CODE 2018 INTERNATIONAL FIRE CODE 2017 INTERNATIONAL ELECTRICAL CODE

LEE'S SUMMIT, MO

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PLUMBING PIPING MATERIAL SCHEDULE

DOMESTIC WATER

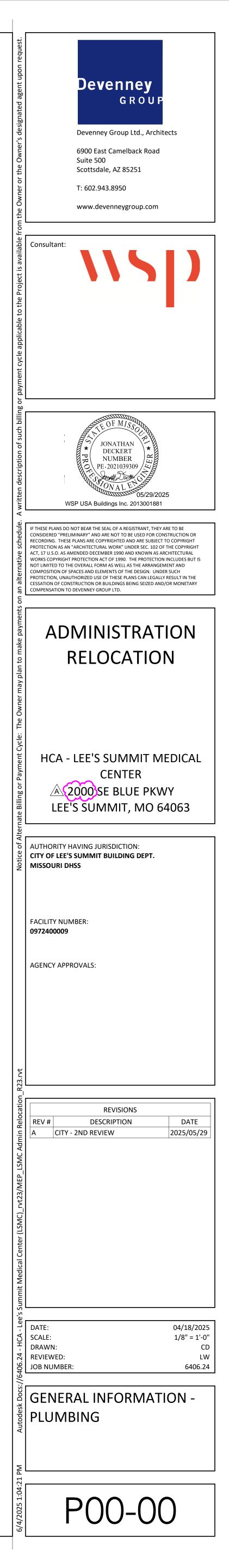
- ABOVE GROUND PIPING NPS 2 AND SMALLER
- 1. HARD COPPER TUBE: ASTM B 88, TYPE L WATER TUBE, DRAWN TEMPER 2. HARD COPPER TUBE, ASTM B 88, TYPE L; COPPER PRESSURE-SEAL FITTINGS; AND PRESSURE-SEAL JOINTS.
- UNDER-BUILDING-SLAB, DOMESTIC WATER PIPING, NPS 2 AND SMALLER 1. SOFT COPPER TUBE, ASTM B 88, TYPE K; NO JOINTS BELOW GRADE.

SANITARY WASTE AND VENT

- ABOVE GROUND SOIL AND WASTE PIPING 1. SERVICE CLASS, CAST-IRON SOIL PIPE AND FITTINGS; GASKETS; AND GASKETED
- JOINTS. 2. HUBLESS CAST-IRON SOIL PIPE AND FITTINGS; HEAVY-DUTY SHIELDED, STAINLESS-STEEL COUPLINGS; AND HUBLESS-COUPLING JOINTS.
- 3. COPPER DWV TUBE, COPPER DRAINAGE FITTINGS, AND SOLDERED JOINTS. ABOVE GROUND VENT PIPING
- 1. SERVICE CLASS, CAST-IRON SOIL PIPE AND FITTINGS; GASKETS; AND GASKETED JOINTS.
- 2. HUBLESS CAST-IRON SOIL PIPE AND FITTINGS; HEAVY-DUTY SHIELDED, STAINLESS-STEEL COUPLINGS; AND HUBLESS-COUPLING JOINTS. 3. COPPER DWV TUBE, COPPER DRAINAGE FITTINGS, AND SOLDERED JOINTS.
- UNDER GROUND SOIL AND WASTE PIPING 1. SERVICE CLASS, CAST-IRON SOIL PIPING; GASKETS; AND GASKETED JOINTS.
- 2. SOLID WALL PVC PIPE, PVC SOCKET FITTINGS, AND SOLVENT-CEMENTED JOINTS.

YMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	DOMESTIC COLD WATER (CW)	\square	PRESSURE GAUGE WITH GAUGE COCK
	DOMESTIC HOT WATER (HW)		THERMOMETER WITH GAUGE COCK
·	DOMESTIC HOT WATER RETURN (HWR)		HOSE BIBB (HB)
	NON-POTABLE WATER	— — — 	
—TP——	TRAP PRIMER LINE (1/2")	O	FLOOR CLEANOUT OR GRADE CLEANOUT (FCO,GCO)
	TEMPERED WATER		WALL CLEANOUT (WCO)
	COLD OR HOT REDUCED PRESSURE PRINCIPLE		CLEANOUT PLUG
	BACKFLOW PREVENTER (RPZ) EXISTING PIPING TO REMAIN		DIRECTION OF SLOPE - GRAVITY PIPING
X	EXISTING PIPING TO BE REMOVED		DIRECTION OF FLOW - PRESSURE PIPING
— SS ——	SANITARY SEWER/WASTE PIPING		PIPING CAPPED OFF
	SANITARY VENT PIPING		BALANCING VALVE
— IW ——	INDIRECT WASTE		
\bigcirc	CONNECT NEW TO EXISTING	' \`'	STRAINER
— SD ——	STORM DRAIN PIPING	SA	SHOCK ARRESTOR
— OD ——	OVERFLOW STORM DRAIN PIPING	0	HUB DRAIN (HD)
— CA ——	COMPRESSED AIR PIPING		FLOOR DRAIN (FD)
GW	GREASY WASTE		
— SSD ——	SUBSOIL/PERIMETER DRAIN PIPING	#	LEGEND NOTE
—	BUTTERFLY VALVE	FOS	FUEL OIL SUPPLY PIPING
	BALL VALVE	FOR	FUEL OIL RETURN PIPING
→ • ∢	GLOBE VALVE	DFS	DRY FIRE STANDPIPE PIPING
	TEMPERATURE AND PRESSURE RELIEF VALVE		
	GAS COCK / PLUG VALVE	SP	SPRINKLER PIPING
	SOLENOID VALVE	DSP	DRY SPRINKLER PIPING
PRV	PRESSURE REGULATING VALVE	F	FIRE PROTECTION PIPING
AQU	AQUASTAT		CONNECT TO EXISTING
₹ I	CHECK VALVE		

PLUMBING SYMBOLS

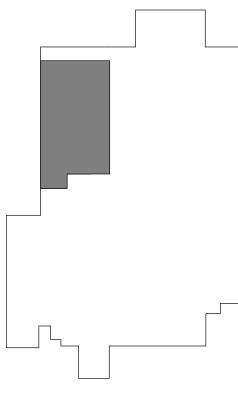


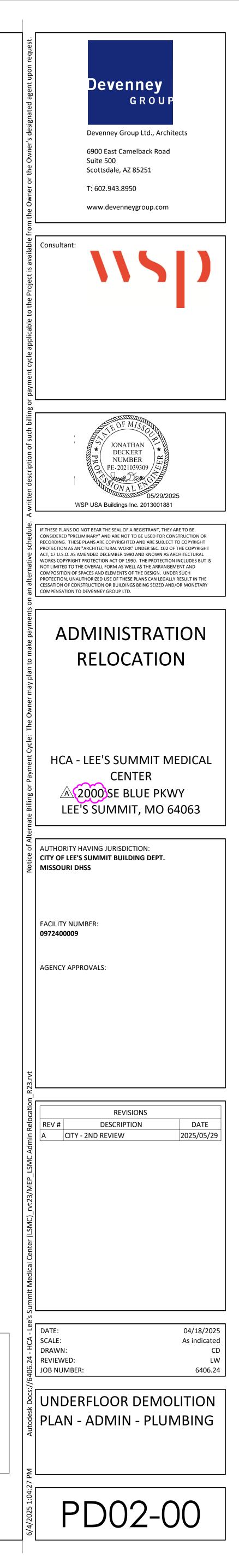


GENERAL NOTES

A. REFER TO P00-00 FOR GENERAL PLUMBING NOTES AND SYMBOLS.









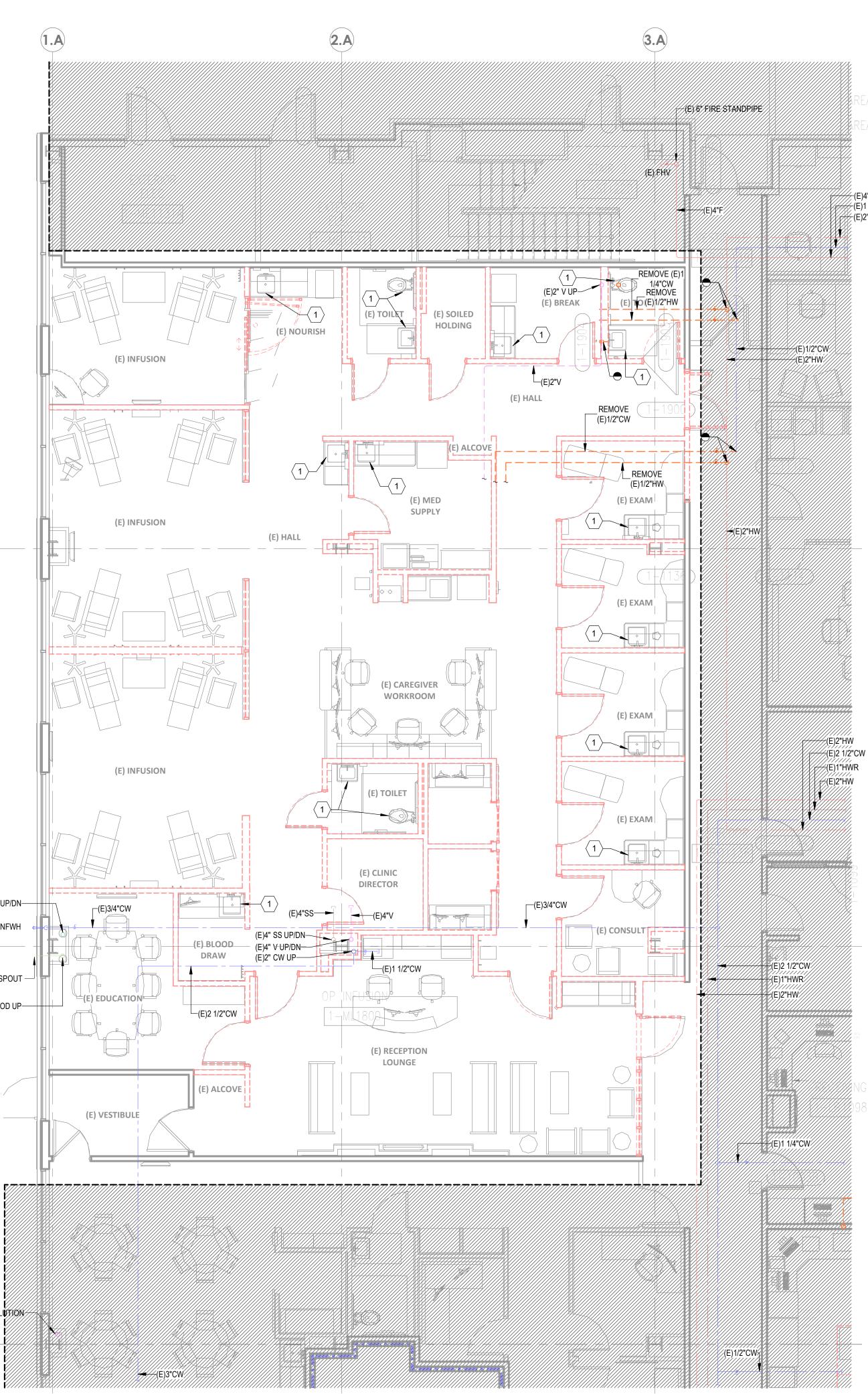


(E)10" DOWNSPOUT --NOZZLE (E)10" OD UP

(E)NFWH (F)-

(E)10" SD UP/DN-

E



1 DEMOLITION PLAN - LEVEL 1 - ADMIN - PLUMBING

GENERAL NOTES

A. REFER TO P00-00 FOR GENERAL PLUMBING NOTES AND SYMBOLS.

LEGEND NOTES

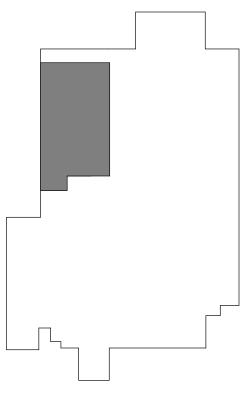
1. DEMOLISH EXISTING PLUMBING FIXTURE AND ASSOCIATED WATER, WASTE, AND VENT PIPING BACK TO MAIN AND CAP.

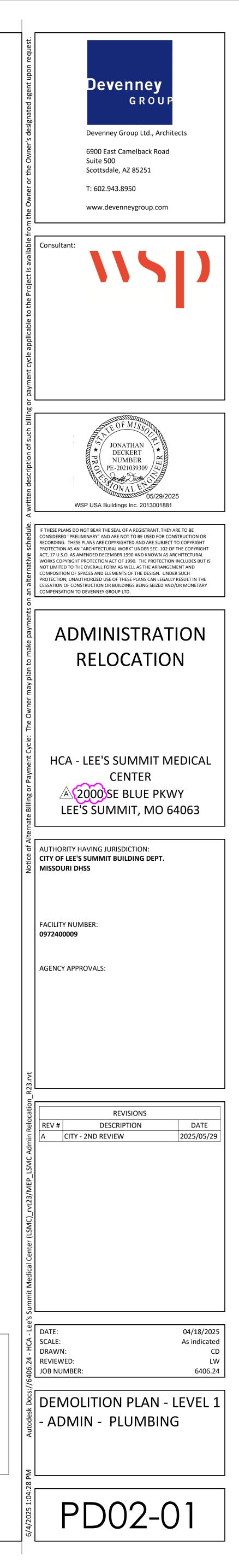
/_////(E)4"F (E)1 1/2"CW

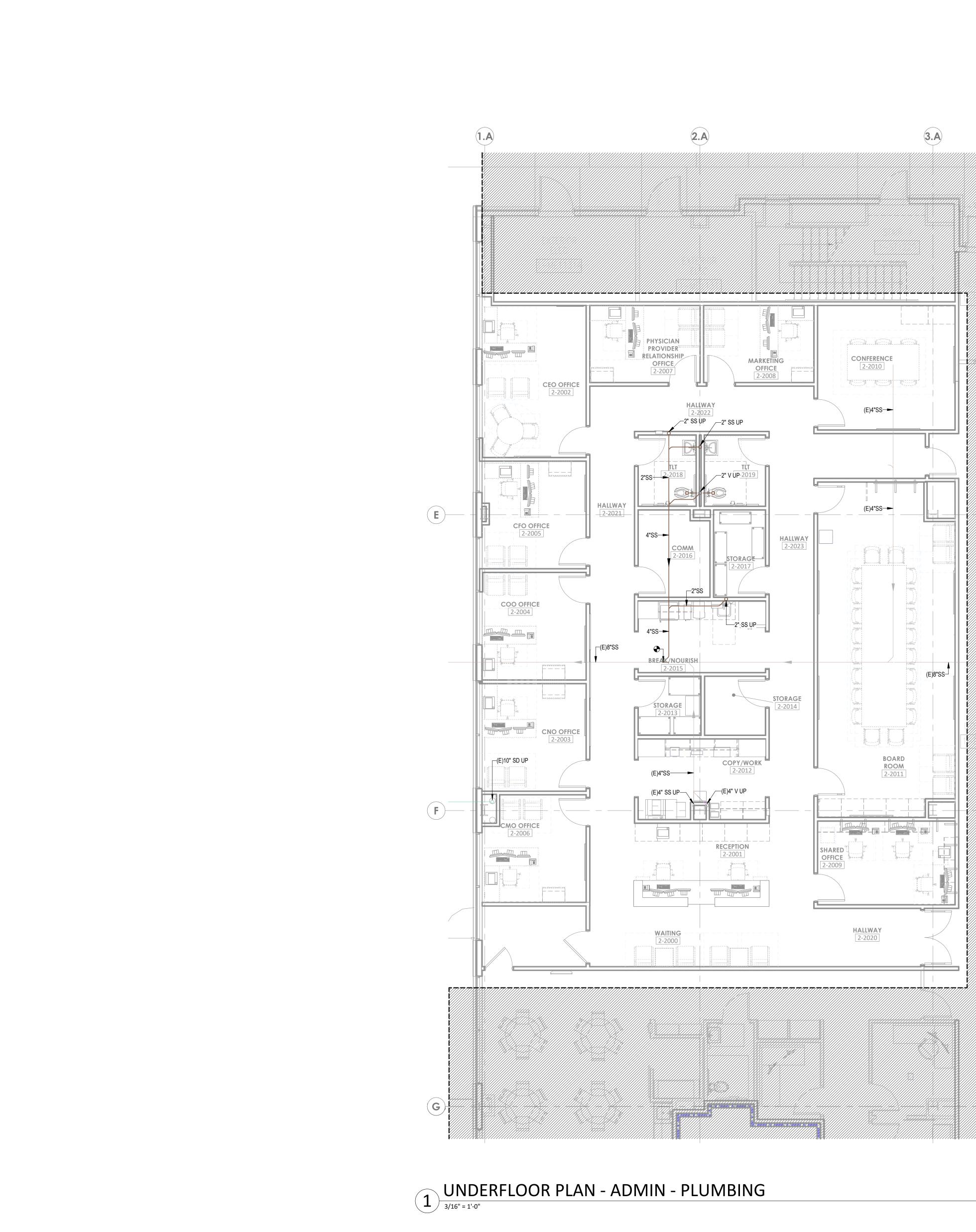
(E)1"HWR

(E)2"HW

(E)2"HW







GENERAL NOTES

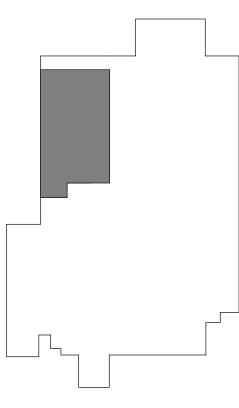
HIDH

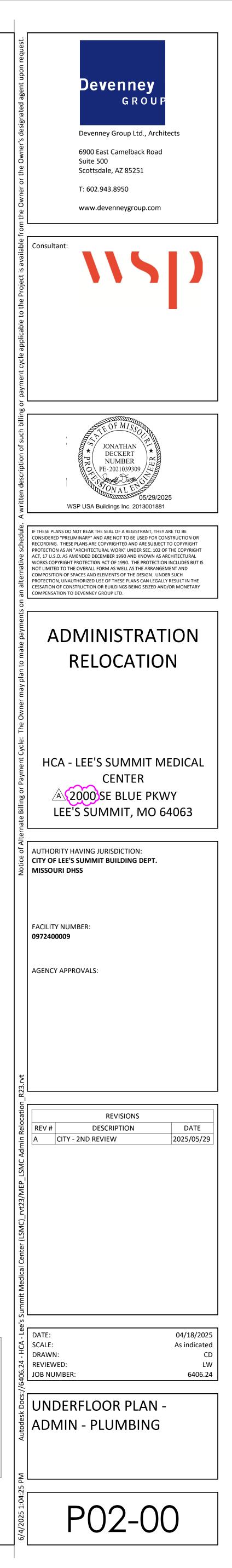
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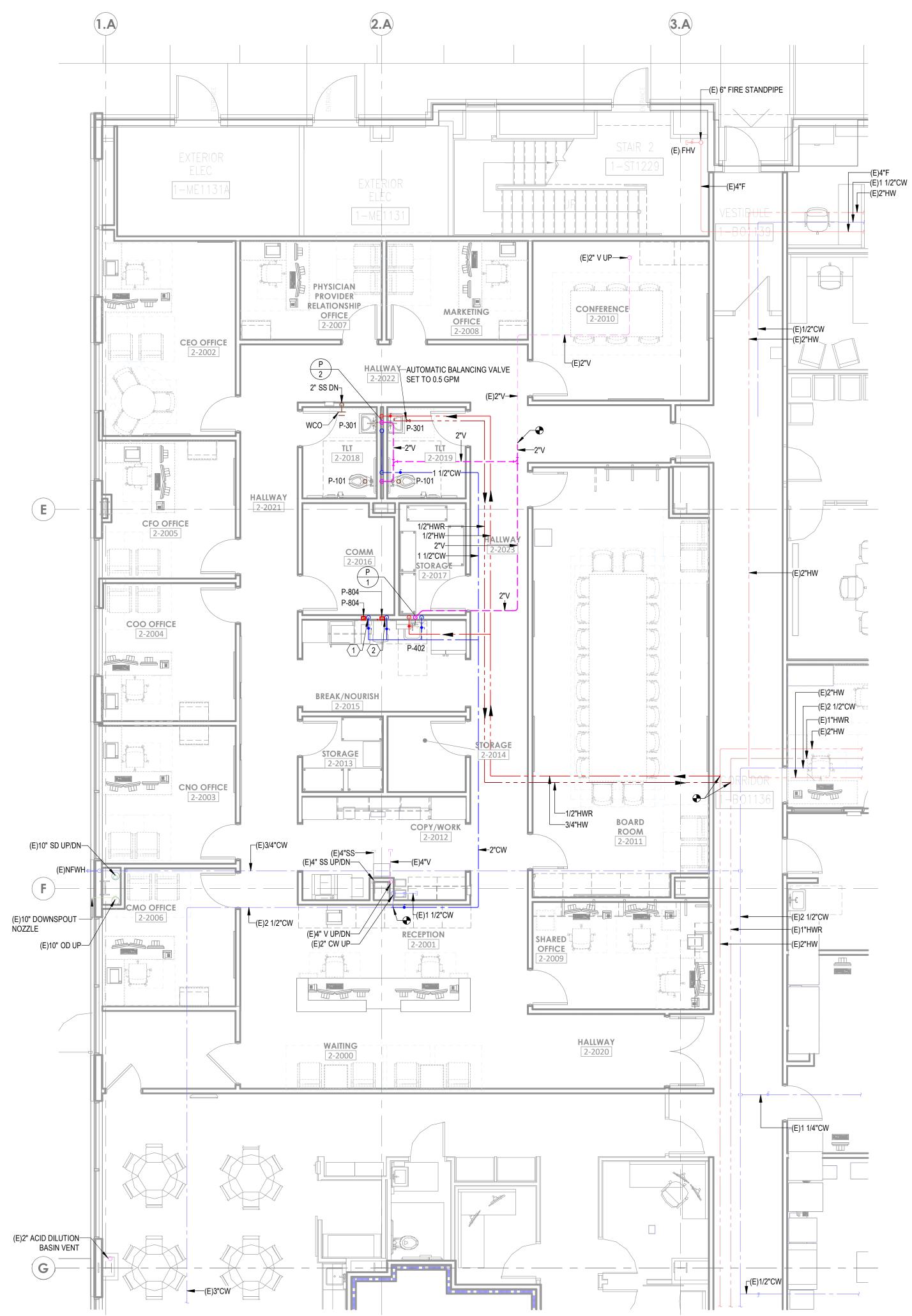
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A. REFER TO P00-00 FOR GENERAL PLUMBING NOTES AND SYMBOLS.









1 FLOOR PLAN - LEVEL 1 - ADMIN - PLUMBING

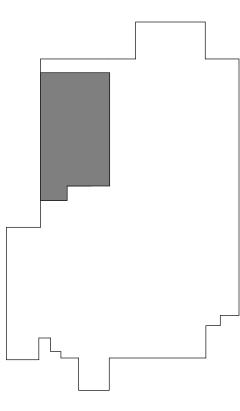
GENERAL NOTES

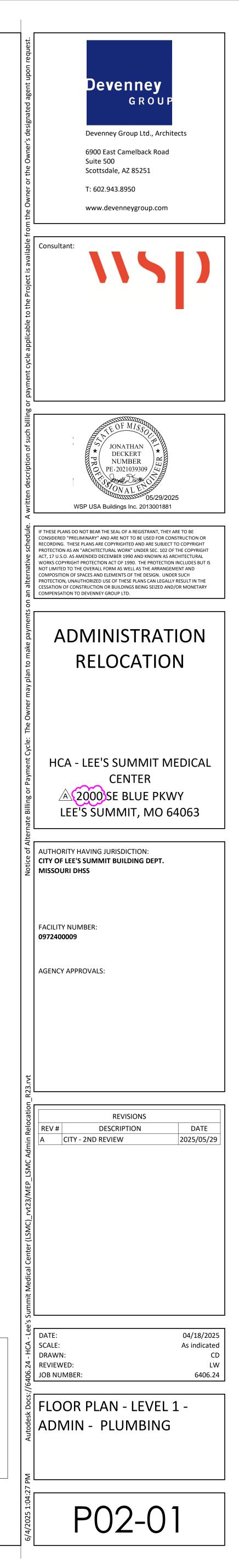
A. REFER TO P00-00 FOR GENERAL PLUMBING NOTES AND SYMBOLS.

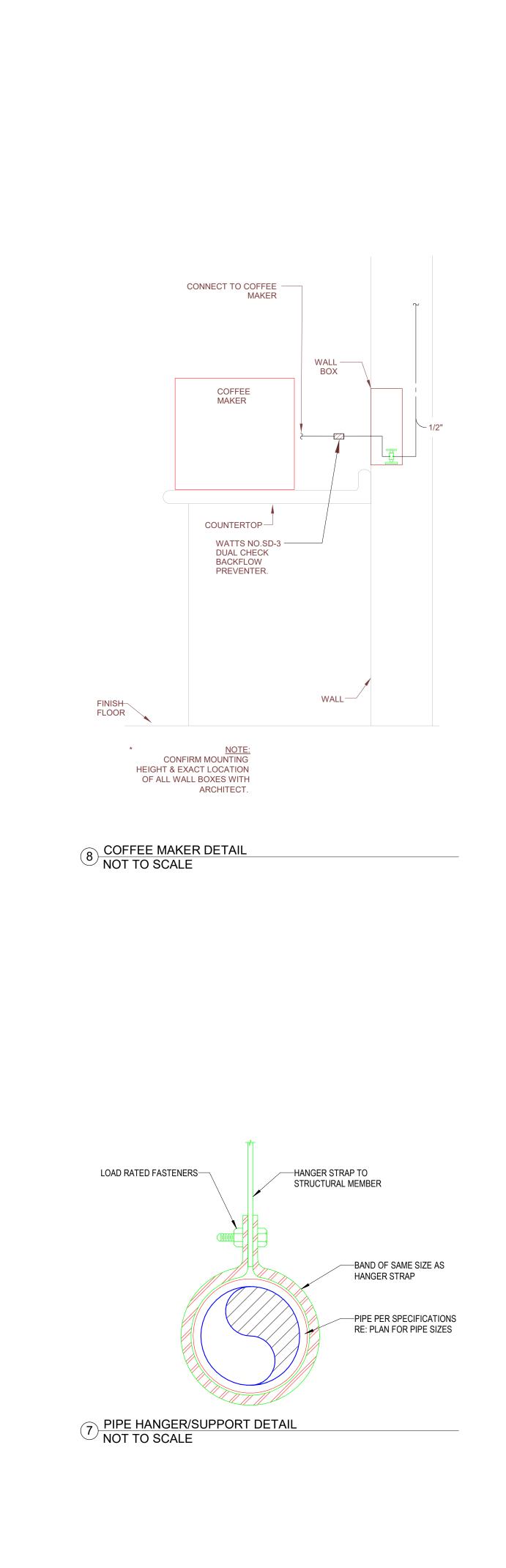
LEGEND NOTES

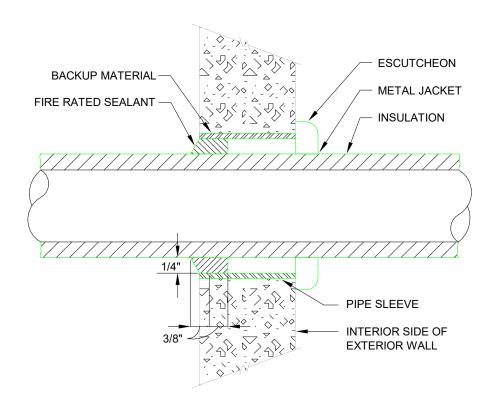
1. PROVIDE DOUBLE CHECK VALVE ON COLD WATER SUPPLY TO ICE MAKER.

2. PROVIDE DUAL CHECK VALVE ON COLD WATER SUPPLY TO COFFEE MAKER.

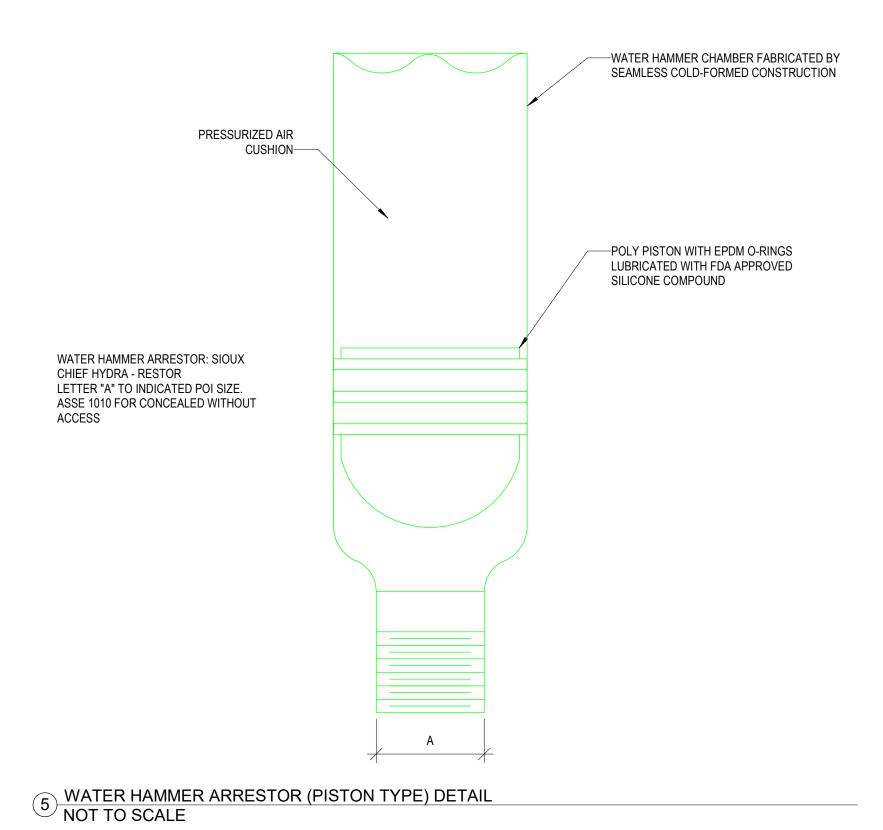


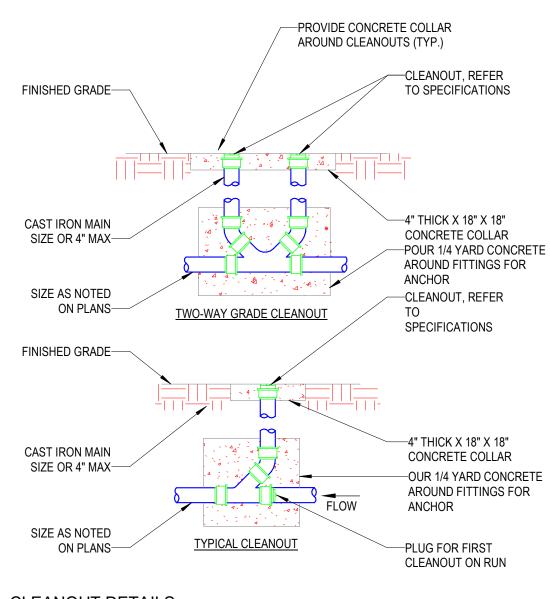




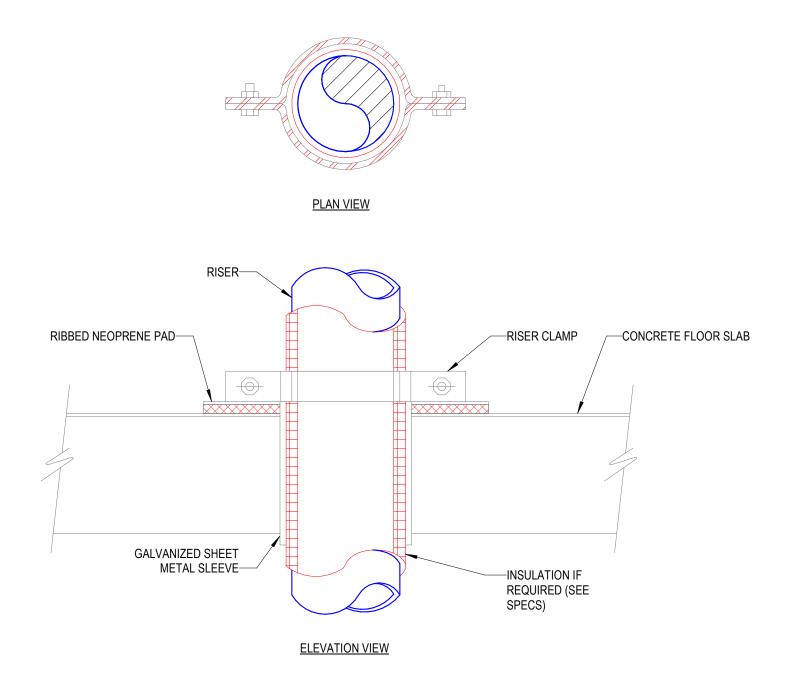


⁶ INSULATED PIPE THRU WALL - ABOVE GRADE NOT TO SCAKE

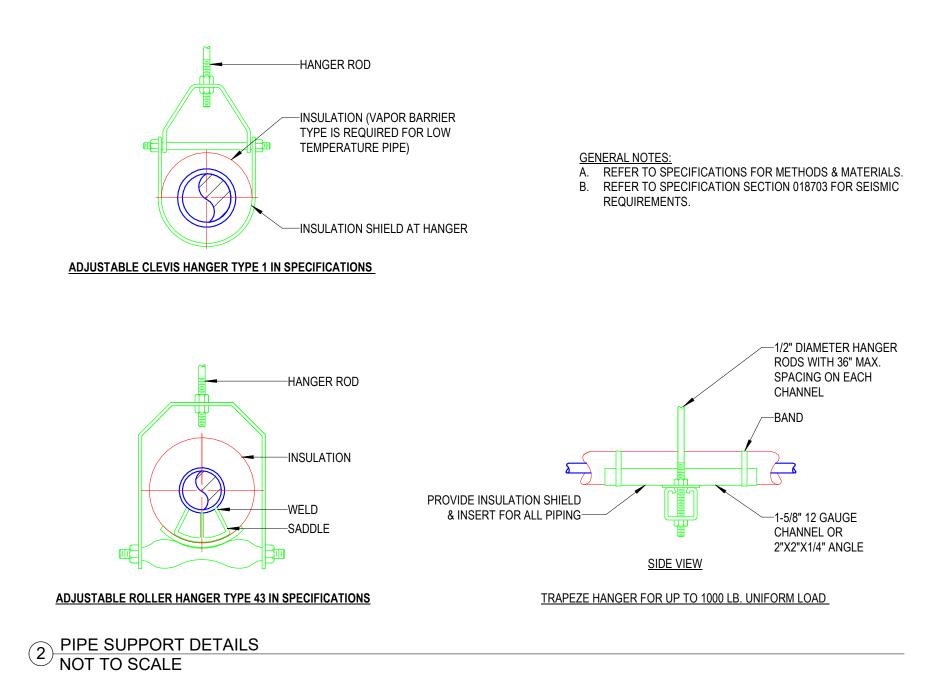


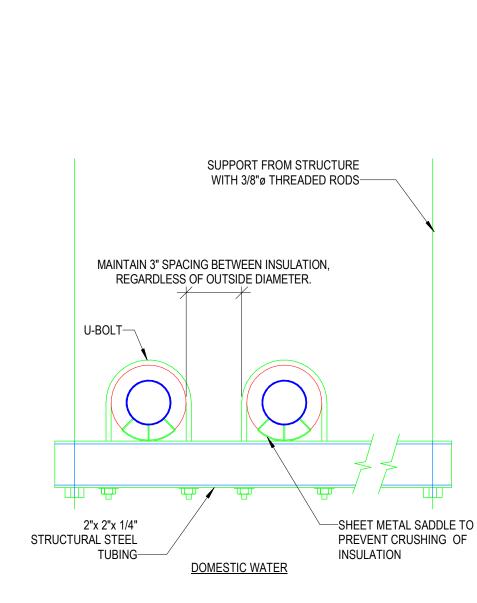


(4) CLEANOUT DETAILS NOT TO SCALE

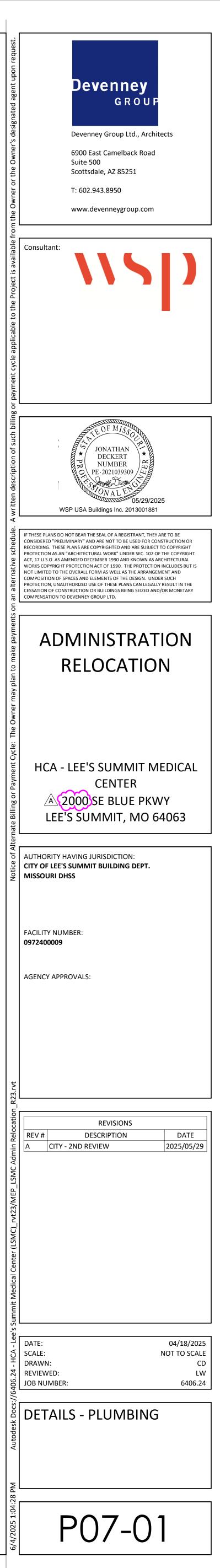


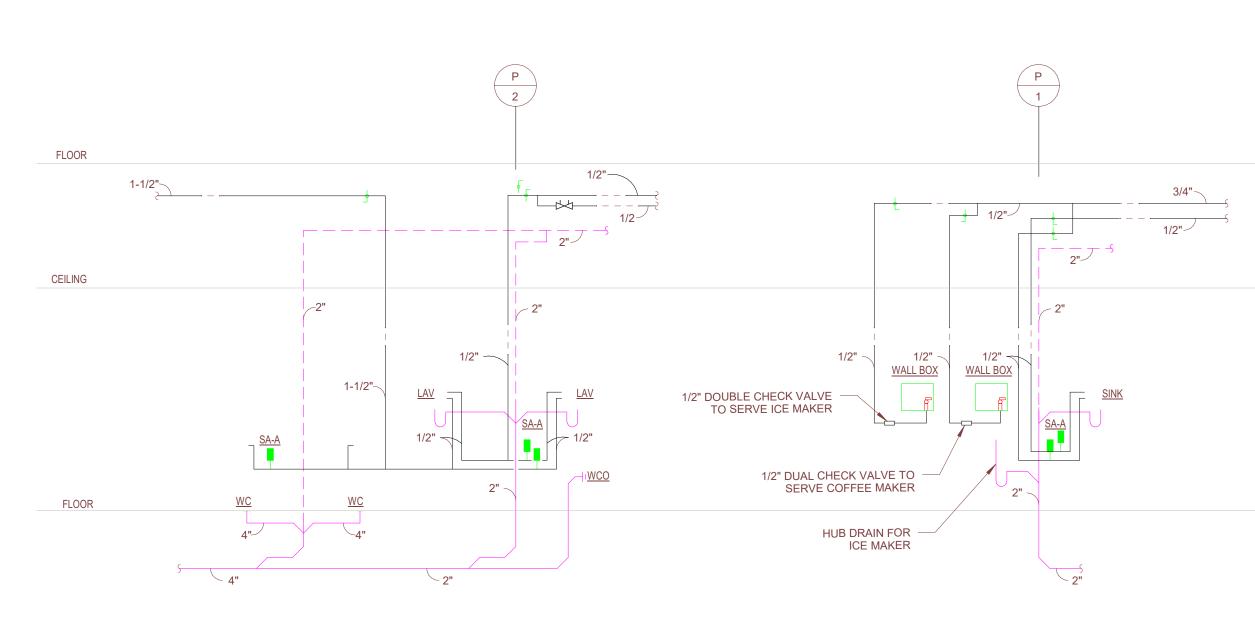
3 TYPICAL FLOOR PENETRATION DETAIL NOT TO SCALE





GENERAL NOTES: A. REFER TO SPECIFICATIONS FOR METHODS & MATERIALS. B. REFER TO SPECIFICATION SECTION 018703 FOR SEISMIC REQUIREMENTS. TRAPEZE PIPE HANGER DETAILS NOT TO SCALE

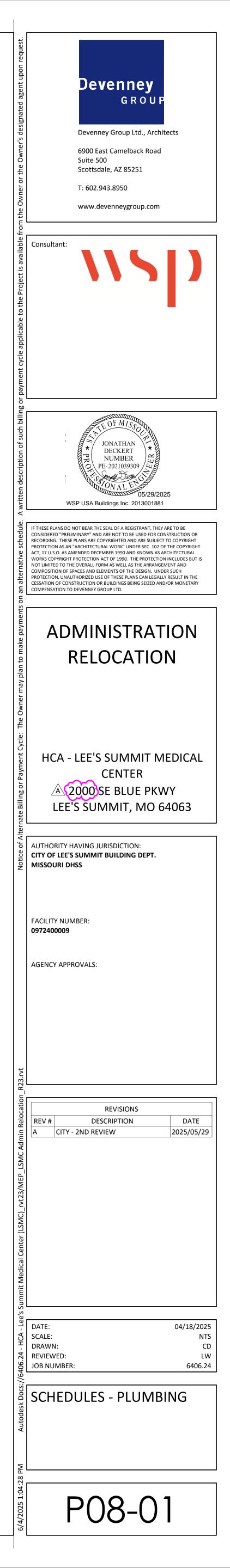




01 PLUMBING RISER DIAGRAMS NO SCALE

HCA DESIG.	FIXTURE TYPE	SAN.SE
P-101	WATER CLOSET ADA COMPLIANT PUBLIC	4"
P-301	Lavatory - Wall Hung Ada Compliant Public	2"
P-402	SINK SINGLE COMPARTMENT ADA COMPLIANT	2"
P-804	ICE MAKER BOX	-

				PLUMBING FIXTURE
SAN.SEWER	VENT	COLD WATER	HOT WATER	DESCRIPTION
4"	2"	1 1/2"	-	WATER CLOSET: ZURN MODEL No. Z5665-BWL1 (WHITE) FLUSH VALVE WATER CLOSET, VITREOUS CHINA, 16-3/4" RIM HEIGHT, 10" ROUGHING-IN, LOW CONSUMPTION 1.1 GALLONS PER FLUSH, ELONGATED BOWL, DIRECT FED SIPHON JET ACTION, FULLY GLAZED TRAPWAY, 1½" TOP SPUD. FLUSH VALVE: ZURN MODEL No. Z-6000-AV-HET, HIGH EFFICIENCY (HET) 1.28 GPF, VACUUM BREAKER FLUSH CONNECTION, 1" I.P.S. BACK-CHECK ANGLE STOP, DIAPHRAGM TYPE MANUAL FLUSH VALVE, CHROME PLATED, VANDAL RESISTANT STOP CAP. SEAT: PROFLO MODEL No. PFTSCOF2000WH, WHITE OPEN SEAT FRONT LESS COVER, WITH SELF SUSTAINING CHECK HINGE.
2"	2"	1/2"	1/2"	LAVATORY: ZURN MODEL No. Z5344 WALL HUNG LAVATORY, VITREOUS CHINA. FAUCET: ZURN MODEL No. Z812A4-XL-FC-05 4" FIXED CENTERS RIGID OR SWING GOOSENECK SPOUT, WITH 0.5 GPM FLOW CONTROL IN BASE OF SPOUT, WITH 4" WRISTBLADE HANDLES. MIXING VALVE: WILKINS MODEL No. ZW3870XLT-4PC 3/8" POINT OF USE THERMOSTATIC MIXING VALVE 4-PORT, ASSE 1070 LISTED. STRAINER AND TAILPIECE: PROFLO MODEL No. PFGD100 1-1/4" X 6" CP GRID DRAIN AND TAILPIECE P-TRAP: PROFLO MODEL No. PFPTB400 1-1/4" CHROME PLATED CAST BRASS BODY P-TRAP, TUBULAR BRASS WALL BEND AND No. PF202WH TRAP WRAP KIT. STOPS AND RISERS: TWO PFXQAC32C LEAD FREE 1/4 TURN CHROME PLATED BRASS ANGLE STOPS, TWO PFE7 1/2" CP ESCUTCHEONS, TWO PFX146324 20" FLEXIBLE STAINLESS STEEL RISERS, AND TWO PROFLO PFX146342 12" 3/8" FLEX RISERS. CARRIER: ZURN MODEL ZZ1231 FLOOR MOUNTED CARRIER
2"	2"	1/2"	1/2"	SINK: ELKAY MODEL LRAD1919-55-3 TYPE 304 NICKEL BEARING STAINLESS STEEL, SELF RIMMING. 19-1/2" X 19" X 5-1/2" DEPTH ADA COMPLIANT WITH OFF-CENTERED OUTLET TO THE REAR. BOWL SIZE 16"x 13-1/2". 3-1/2" DRAIN AND "SOUND GUARD" UNDERCOATING. FAUCET: ZURN MODEL No. Z831B4-XL-FC 1.5, 8" FIXED CENTERS RIGID OR SWING GOOSENECK SPOUT, WITH 1.5 GPM FLOW CONTROL IN BASE OF SPOUT AND WITH 4" WRISTBLADE HANDLES. STRAINER/TAILPIECE: PROFLO MODEL No. PFWTS CHROME PLATED BRASS 4-1/2" WIDE STRAINER WITH PROFLO PFTPB100 17 GA FLANGED TAILPIECE. P-TRAP: PROFLO MODEL No. PFPTB403 1-1/2 17 GA CHROME PLATED CAST BRASS BODY P-TRAP, TUBULAR BRASS WALL BEND. STOPS AND RISERS: TWO PFXQAC32C LEAD FREE 1/4 TURN CHROME PLATED BRASS ANGLE STOPS, TWO PFE7 1/2" CP ESCUTCHEONS AND TWO PFX146324 20" FLEXIBLE STAINLESS STEEL RISERS.
-	-	1/2"	-	OATEY MODEL 39140 20 GAUGE STEEL ICE MAKER BOX WITH 1/4 TURN BALL VALVE AND WATER HAMMER ARRESTOR, LOW LEAD COMPLIANT.



GENERAL NOTES - ALL HVAC SHEETS

CODES. REFER TO SPECIFICATIONS FOR MATERIALS AND METHODS FOR MECHANICAL AND PLUMBING CONSTRUCTION. B. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, PAY ALL FEES, AND COMPLY WITH ALL NATIONAL, STATE, AND MUNICIPAL LAWS, CODES, AND ORDINANCES RELATING TO BUILDING AND PUBLIC SAFETY. CONTRACTOR SHALL FURNISH ALL MATERIALS, EQUIPMENT, AND LABOR REQUIRED FOR A COMPLETE WORKING AND COORDINATED SYSTEM.

D. COORDINATE THE EXACT LOCATION OF MECHANICAL AND PLUMBING EQUIPMENT WITH THE LOCATIONS OF LIGHT FIXTURES, PIPING, CONDUIT, AND OTHER CONSTRUCTION, TO ALLOW FOR PROPER ACCESS TO SERVICE EQUIPMENT. E. COORDINATE THE LOCATION OF DUCTWORK AND PIPING WITH OTHER TRADES AND PROVIDE OFFSETS IN DUCTWORK AND PIPING AS REQUIRED.

F. IT IS THE INTENT OF THESE DOCUMENTS TO ALLOW ALL CEILING CONSTRUCTION AND HEIGHTS TO BE AS SHOWN ON THE ARCHITECTURAL DRAWINGS. COORDINATE THE LOCATION OF DUCTWORK AND PIPING AND PROVIDE OFFSETS IN DUCTWORK AND PIPING AS REQUIRED TO MEET THIS INTENT.

G. CONDUIT, PIPING, AND DUCTWORK SHALL BE INDEPENDENTLY SUPPORTED, AND EACH SUPPORT SHALL BE INDEPENDENT OF PARTITION AND CEILING SYSTEM SUPPORTS. WHERE INDEPENDENT SUPPORT IS NOT POSSIBLE AN ENGINEERED SUPPORT SYSTEM SHALL BE UTILIZED.

H. INSTALL ALL FLOOR MOUNTED EQUIPMENT ON PADS AS SPECIFIED. PAD BY GENERAL CONTRACTOR. COORDINATE REQUIREMENTS WITH GENERAL CONTRACTOR. I. ALL WORK SHALL BE SCHEDULED AND PERFORMED IN STRICT COORDINATION WITH ARCHITECTURAL PHASING PLANS AND WITH HOSPITAL SCHEDULES, OCCUPANCIES, AND WORK.

J. PROTECT EQUIPMENT AND WORK FROM DAMAGE DURING HANDLING AND INSTALLATION UNTIL COMPLETION OF CONSTRUCTION.

K. REMOVE ALL EXCESS MATERIAL AND DEBRIS AND CLEAN ALL EQUIPMENT UPON COMPLETION OF WORK. TOUCH UP WITH PAINT WHERE REQUIRED.

L. CONTRACTOR SHALL VISIT JOBSITE AND VERIFY SIZE AND LOCATION OF ALL EXISTING ITEMS AND CONDITIONS.

M. ALL CONNECTION BETWEEN PIPES OF DISSIMILAR MATERIALS SHALL BE MADE WITH DIELECTRIC UNIONS. N. CONTRACTOR SHALL COORDINATE ALL WORK CLOSELY WITH EXISTING CONDITIONS AND WITH ALL OTHER TRADES.

O. ALL EXISTING FACILITIES SHALL BE PROTECTED DURING THE CONSTRUCTION ACTIVITIES. IT SHALL BE THE

RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE AND STORE ITEMS WHICH ARE SUBJECT TO DAMAGE.

Q. COORDINATE ALL AIR DEVICE LOCATIONS AND MOUNTING FRAME STYLES WITH LIGHTING PLANS AND ARCHITECTURAL REFLECTED CEILING PLANS.

R. COORDINATE ALL WALL MOUNTED DEVICE LOCATIONS WITH ARCHITECTURAL INTERIOR ELEVATIONS.

S. DEMOLITION OF EACH PHASE SHALL OCCUR AS PART OF THE WORK FOR THAT PHASE. REMOVE ONLY THE WORK THAT SERVES THE AREA OF DEMOLITION.

T. PROVISIONS SHALL BE MADE BY THE CONTRACTOR TO PREVENT DISRUPTING ADJACENT AREAS OF THE PHASE IN WHICH WORK IS BEING PERFORMED.

U. PROVIDE ADDITIONAL VALVES, TAPS, TEMPORARY DUCTWORK, ETC. AS NECESSARY TO PROVIDE UNINTERRUPTED SERVICE TO AREAS OUTSIDE OF THE PHASE IN WHICH WORK IS BEING PERFORMED.

V. ALL NECESSARY SHUTDOWNS OR OUT OF PHASE WORK SHALL BE COORDINATED WITH THE HOSPITAL REPRESENTATIVE. W. DUCT SIZES ARE NET FREE AREA.

X. PROVIDE ROUND DUCTS TO ALL AIR DEVICES UNLESS NOTED OTHERWISE. DUCT SIZE SHALL MATCH AIR DEVICE NECK SIZE OR THE TABLE IN AIR DEVICE SCHEDULE, WHICHEVER IS LARGER. FLEXIBLE DUCTS SHALL BE SIZED SIMILARLY. DO NOT USE FLEXIBLE DUCTS ABOVE NON-LAYIN CEILINGS.

Y. TERMINAL BOX INLET DUCTS: SIZE THE RUNOUT DUCT AND ITS TAP AT MAIN TRUCK PER VAV BOX SCHEDULE UNLESS NOTED OTHERWISE ON PLANS. Z. TERMINAL BOX OUTLET DUCTS: SIZE THE LOW PRESSURE OUTLET DUCT TO BE SIZE OF TERMINAL BOX DISCHARGE

UNLESS NOTED OTHERWISE ON PLANS. AA. PROVIDE FRAMED 0.5" BY 0.5" BIRD SCREEN (GALVANIZED STEEL ASSEMBLY) AT ALL DUCTS TERMINATING WITHOUT AN AIR DEVICE, AND AT UNDUCTED AIR FLOW OPENINGS AT EQUIPMENT. PROVIDE 0.5" BY 0.5" BIRD SCREEN (316 STAINLESS

STEEL) AT ALL INDOOR FACE OF LOUVERS AND UNDUCTED AIR FLOW OPENINGS TO EQUIPMENT HANDLING OUTSIDE AIR.

AB. PROVIDE MANUAL VOLUME DAMPER IN EACH AIR DEVICE RUNOUT DUCT AS FAR FROM AIR DEVICE AS POSSIBLE. AC. INSTALL SPACE THERMOSTAT ADJACENT TO LATCH SIDE OF DOOR IN SPACE INDICATED.

AD. INDICATED SPACE THERMOSTAT LOCATIONS ARE APPROXIMATE. AVOID HEAT PRODUCING EQUIPMENT.

AE. FINAL SPACE THERMOSTAT/SENSOR LOCATIONS SHALL BE AS DIRECTED BY THE ARCHITECT. AF. INSTALL HUMIDISTATS IN SIMILAR FASHION.

AG. INSTALL TURNING VANES IN ALL 90 DEGREE SQUARE ELLS IN SUPPLY, RETURN, AND EXHAUST DUCTS. (NONE ALLOWED IN COMBUSTION AIR DUCTS).

AH. LOCATE ISOLATION VALVES FOR EQUIPMENT AS CLOSE TO THE MAIN AS POSSIBLE.

AI. PROVIDE CONDENSATE DRAIN PIPING FROM ALL COOLING COILS TO DRAIN. AJ. MULTI-BLADE DAMPERS OF ANY TYPE INSTALLED WITHIN 36" OF AN ELL OR OTHER FITTING SHALL BE INSTALLED WITH

THE DAMPER BLADE SHAFTS PARALLEL TO THE AIRSTREAM FLOW DIRECTION UPSTREAM OF THE FITTING. AK. COORDINATE LOCATION OF ALL DISCONNECTS, CONTROL PANELS AND ELECTRICAL CONNECTIONS FOR MECHANICAL

AND PLUMBING EQUIPMENT TO MAINTAIN NEC REQUIRED CLEARANCES OF 42" DEEP AND 30" WIDE IN FRONT OF EQUIPMENT.

AL. ALL FIRE AND COMBINATION FIRE/SMOKE DAMPERS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTALLATION DETAILS AND BE U.L. TESTED AND LISTED.

AM. FULLY INTEGRATE ALL NEW CONTROLS WITH ALL EXISTING / MODIFIED EQUIPMENT BACK TO NEW FMS AND ENGINEER'S WORKSTATION IN RENOVATION PROJECT. AN. PROVIDE FILTER GAUGE ACROSS EACH FILTER BANK SERVING CENTRAL AIR SYSTEMS. THE GAUGE SHALL BE RED LINED

OR A FILTER ALARM LIGHT INSTALLED TO SIGNAL WITH THE RECOMMENDED MAXIMUM STATIC PRESSURE DROP HAS BEEN REACHED. USE MAXIMUM STATIC PRESSURE AS RECOMMENDED BY FILTER MANUFACTURER. AO. PIPE CONNECTIONS LESS THAN 2-1/2" TO HEATING COILS, COOLING COILS, HUMIDIFIERS AND SIMILAR EQUIPMENT SHALL HAVE FLEXIBLE CONNECTORS OR THREE 90-DEGREE OFFSETS IN CLOSE PROXIMITY OF THE CONNECTION.

AP. CONTRACTOR SHALL RE-INSPECT RECOMMENDED CONNECTION POINTS AFTER DEMOLITION PHASE TO ENSURE TIE-IN POINTS ARE ADEQUATE FOR RENOVATION SYSTEMS.

AQ. CONTRACTOR SHALL TEST AND BALANCE ALL EXISTING SYSTEMS THAT ARE TO BE CONNECTED TO FOR THE RENOVATION PHASE PRIOR TO INSTALLING NEW WORK AND DOCUMENT VALUES. CONTRACTORS SHALL RE-TEST AND BALANCE EXISTING SYSTEMS AFTER CONNECTION TO ENSURE ALL DOWN STREAM SYSTEMS ARE PROVIDED THE SAME PERFORMANCE AFTER CONSTRUCTION.

AR. ALL DISCONNECTS DOWN STREAM OF VFDS SHALL BE PROVIDED WITH AUXILIARY CONTACTS TO SHUT DOWN UPSTREAM VFD WHEN SWITCH IS OPEN.

A. ALL MECHANICAL, ELECTRICAL, AND PLUMBING WORK SHALL COMPLY WITH ALL APPLICABLE STATE AND LOCAL BUILDING

P. ARCHITECT SHALL HAVE FINAL APPROVAL OF ALL GRILLE, DIFFUSER, AND THERMOSTAT LOCATIONS.

GENERAL PIPING NOTES

A. REFER TO THE ARCHITECTURAL PHASING PLAN FOR THE AREAS SHOWN ON THIS SET OF PLANS. WORK SHALL BE SCHEDULED AND PERFORMED IN SEQUENCE WITH THE PHASING PLAN. B. DEMOLITION OF EACH PHASE SHALL OCCUR AS PART OF THE WORK FOR THAT PHASE. REMOVE ONLY THE WORK THAT

SERVES THE AREA OF DEMOLITION. C. PROVISIONS SHALL BE MADE BY THE CONTRACTOR TO PREVENT DISRUPTING ADJACENT AREAS OF THE PHASE IN WHICH

WORK IS BEING PERFORMED. D. PROVIDE ADDITIONAL VALVES, TAPS, TEMPORARY DUCTWORK AND/OR PIPING AS NECESSARY TO PROVIDE UNINTERRUPTED SERVICE TO AREAS OUTSIDE OF THE PHASE IN WHICH WORK IS BEING PERFORMED.

E. ALL WORK SHALL BE PERFORMED IN STRICT COORDINATION WITH HOSPITAL SCHEDULES, OCCUPANCIES, AND WORK. CONTRACTOR SHALL COORDINATE WITH HOSPITAL REPRESENTATIVE.

F. ALL NECESSARY SHUTDOWNS OR OUT OF PHASE WORK SHALL BE SCHEDULED WITH THE HOSPITAL REPRESENTATIVE IN A TIMELY MANNER AS TO MINIMIZE THE DISRUPTION TO THE FACILITY.

G. ARCHITECT SHALL HAVE FINAL APPROVAL OF ALL THERMOSTAT LOCATIONS. H. G.C. TO PROVIDE ACCESS DOORS IF REQUIRED FOR ACCESS TO VAV'S AND ANY VALVES THAT ARE NOT ACCESSIBLE. VERIFY SIZE AND LOCATIONS WITH MECHANICAL CONTRACTOR.

I. CONTRACTOR SHALL RE-INSPECT RECOMMENDED CONNECTION POINTS AFTER DEMOLITION PHASE TO ENSURE TIE-IN POINTS ARE ADEQUATE FOR RENOVATION SYSTEMS.

J. CONTRACTOR SHALL TEST AND BALANCE ALL EXISTING SYSTEMS THAT ARE TO BE CONNECTED TO FOR THE RENOVATION PHASE PRIOR TO INSTALLING NEW WORK AND DOCUMENT VALUES. CONTRACTORS SHALL RE-TEST AND BALANCE EXISTING SYSTEMS AFTER CONNECTION TO ENSURE ALL DOWN STREAM SYSTEMS ARE PROVIDED THE SAME PERFORMANCE AFTER CONSTRUCTION.

K. CONTRACTOR SHALL COORDINATE ALL SLAB PENETRATIONS WITH EXISTING WAFFLE SLAB RIDGES AND BEAMS.

GENERAL DEMOLITION NOTES

ASSEMBLY SCREWED IN PLACE.

A. ALL CAPPED DUCT TAPS AND CONNECTING DUCTS THAT ARE NOT BEING USED ARE TO BE REMOVED BACK TO THE MAIN DUCT AND PATCHED AS PER ITEM B BELOW. B. PATCH OPENINGS IN EXISTING DUCTWORK THAT IS TO REMAIN INCLUDING OPENINGS. WHERE TAPS OR DUCTWORK ARE TO BE

REMOVED, THE FOLLOWING SHALL OCCUR: OPENINGS IN THE MAIN DUCTS ARE TO BE COVERED WITH A SHEET METAL PATCH. THE PATCH IS TO BE LARGER THAN THE EXISTING OPENING AND IS TO BE SECURED WITH SHEET METAL SCREWS FOUR INCHES ON CENTERS. A LIBERAL QUANTITY OF FIRE RESISTANT ADHESIVE IS TO BE APPLIED TO THE EDGES OF THE METAL PATCH AND THE

C. REFER TO THE ARCHITECTURAL PHASING PLAN FOR THE AREAS SHOWN ON THIS PLAN. WORK SHALL BE SCHEDULED AND PERFORMED IN SEQUENCE WITH THE PHASING PLAN.

D. DEMOLITION OF EACH PHASE SHALL OCCUR AS PART OF THE WORK FOR THAT PHASE. REMOVE ONLY THE WORK THAT SERVES THE AREA OF DEMOLITION.

E. PROVISIONS SHALL BE MADE BY THE CONTRACTOR TO PREVENT DISRUPTING ADJACENT AREAS OF THE PHASE IN WHICH WORK IS BEING PERFORMED.

F. PROVIDE ADDITIONAL VALVES, TAPS, TEMPORARY DUCTWORK AND/OR PIPING AS NECESSARY TO PROVIDE UNINTERRUPTED SERVICE TO AREAS OUTSIDE OF THE PHASE IN WHICH WORK IS BEING PERFORMED.

G. ALL WORK SHALL BE PERFORMED IN STRICT COORDINATION WITH HOSPITAL SCHEDULES, OCCUPANCIES AND WORK. CONTRACTOR SHALL COORDINATE WITH HOSPITAL REPRESENTATIVE.

H. ALL NECESSARY SHUTDOWNS OR OUT OF PHASE WORK SHALL BE SCHEDULED WITH THE HOSPITAL REPRESENTATIVE. I. FOR ALL MINOR RENOVATION AREAS, THE CONTRACTOR IS TO UNDERTAKE A FULL PRE-TAB OF ALL GRILLES AND DIFFUSERS WITHIN THE AREAS PRIOR TO DEMOLITION. THE REPORT SHOULD BE SENT TO THE EOR. UPON COMPLETION OF THE GRILLE/DIFFUSER REPLACEMENTS IN THESE AREAS. THE CONTRACTOR IS REQUIRED TO RE-BALANCE THE SYSTEM BACK TO THE VALUES DOCUMENTED WITHIN THE PRE-TAB REPORT. PLEASE NOTE THE PRE-TAB IS TO BE PERFORMED PRIOR TO ANY WORK ASSOCIATED WITH THE RESPECTIVE SYSTEMS BEING UNDERTAKEN.





FIRE ALARM SEQUENCE OF OPERATION -UPON FIRE ALARM ALL AIR HANDLING UNITS AND ASSOCIATED EXHAUST FANS SHALL SHUT DOWN BASE

ON THEIR RESPECTIVE SMOKE COMPARTMENTS. ALL ISOLATION EXHAUST FANS TO REMAIN IN OPERATION. ALL ASSOCIATED SMOKE AND COMBINATION FIRE/SMOKE DAMPERS SERVING SYSTEMS THAT SHUT OFF UPON FIRE ALARM SHALL CLOSE DURING FIRE ALARM.

SYSTEM	FURNISHED BY	INSTALLED BY	POWER WIRING BY	CONTROL OR SUPERVISION WIRING BY
LIFE SAFETY SYSTEM	XXXXX	XXXXX	XX	XXXXX
SMOKE DAMPER/ACTUATOR	DIV 23	DIV 23	DIV 26	DIV 28
FIRE/SMOKE DAMPER/ACTUATOR	DIV 23	DIV 23	DIV 26	DIV 28
DUCT SMOKE DETECTOR	DIV 28	DIV 23	XX	DIV 28
NURSE CALL/FIRE ALARM INTERFACE	DIV 28	DIV 28	XX	DIV 28
FIRE SPRINKLER SYSTEM	DIV 21	DIV 21	DIV 26	DIV 28
WATERFLOW SWITCHES	DIV 21	DIV 21	XX	DIV 28
TAMPER SWITCHES	DIV 21	DIV 21	XX	DIV 28
SUPERVISORY CONTACTS	DIV 21	DIV 21	XX	DIV 28
MEDICAL GAS ALARM	DIV 22	DIV 22	DIV 26	DIV 28
MOTOR STARTERS (INTEGRAL TO EQUIP.)	DIV 22/23	XXXXX	DIV 26	DIV 23
MOTOR STARTERS (NON-INTEGRAL TO EQUIP.)	DIV 26	DIV 26	DIV 26	DIV 23
COMBINATION MOTOR STARTER/DISCONNECT (INTEGRAL TO EQUIP.)	DIV 22/23	XXXXX	DIV 26	DIV 23
COMBINATION MOTOR STARTER/DISCONNECT (NON-INTEGRAL TO EQUIP.)	DIV 23	DIV 26	DIV 26	DIV 23
VARIABLE FREQUENCY DRIVES (VFD'S)	DIV 26	DIV 26	DIV 26	DIV 23
DISCONNECT SWITCHES (NON-INTEGRAL TO EQUIP.)	DIV 26	DIV 26	DIV 26	XXXXX

DESIGN CRITERIA				
LOCATION: CITY/STATE	LE	EE'S SUMMIT, MISSOURI		
APPLICABLE CODES: BUILDING MECHANICAL PLUMBING ENERGY ELECTRICAL FIRE	2018 IBC 2018 IMC 2018 IPC 2018 IECC 2017 NEC 2018 IFC			
LATITUDE: DEG. N. LAT.		38.9		
LONGITUDE: DEG. W. LONG.		94.3		
ELEVATION: FT. ABOVE SEA LEVEL		997		
ASHRAE SUMMER DESIC 0.4% DRY BULB 0.4% WET BULB	<u>GN CONDITIONS</u> :	89.9 °F 79.5 °F		
ASHRAE WINTER DESIG 99% WET BULB HCA DESIGN CRITERIA	N CONDITIONS	3.9 °F -10 °F		
BUILDING SPACE DESIG SUMMER DB WINTER DB	N TEMPERATUR	<u>ES</u> 72°F 68°F		
SUPPLY AIR TEMPERATION DEG. F. DRY BULB	URE:	55°F		

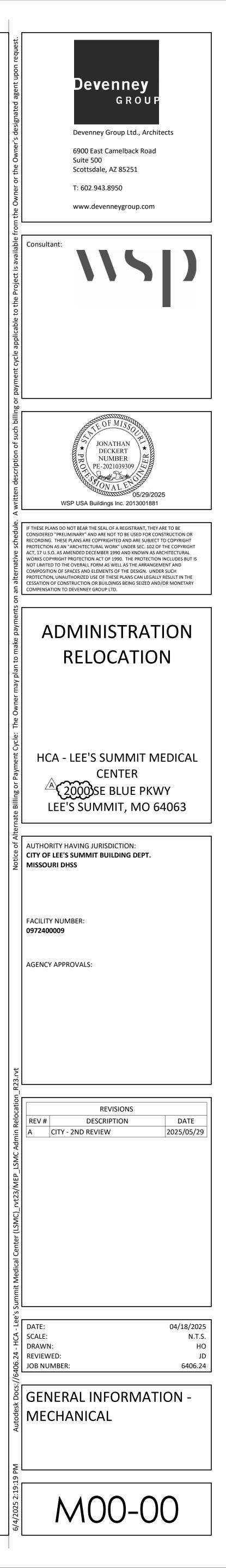
MECHANICAL ABBREVIATIONS

ANALOG OUTPUTIN WCINCHES WATERBELOW FLOOR, BLIND FLANGELELAUNDRY EQUIBELOW FINISHED CEILINGMAMIXED AIRBELOW GRADEMVDMOTORIZED VCBUTTERFLY VALVENNEWCHILLED WATEROAOUTSIDE AIRCOMPUTER ROOM UNITOBDOPPOSED BLADCONDENSATE RETURN UNITPRVPRESSURE RELCONDENSING UNITRRELOCATEDDIGITAL INPUTRARETURN AIRDIGITAL OUTPUTRCARECIRCULATEDDISCONNECT SWITCHRLARELIEF AIRELECTRIC DUCT HEATERSFSUPPLY FANELECTRIC UNIT HEATERSVSAFETY VALVE	WATER KET TRAP JRY (PRESSURE) COLUMN (PRESSURE) PMENT DLUME DAMPER DE DAMPER LIEF VALVE D (RETURN) AIR C AIR VENT (STEAM SYSTEM) D OTHERWISE /OLUME ER R
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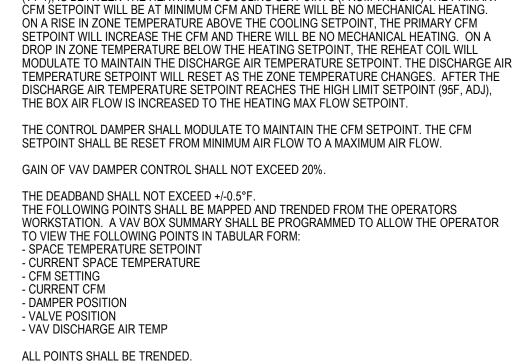
CONTROL DIAGRAM SYMBOLS

BOLS	DESCRIPTION
AI	ANALOG INPUT
AO	ANALOG OUTPUT
DI	DIGITAL INPUT
DO	DIGITAL OUTPUT
T-X	TEMPERATURE TRANSMITTER #X
IT-X	RELATIVE HUMIDITY TRANSMITTER #X
V-X	CONTROL VALVE #X
PT-X	STATIC PRESSURE TRANSMITTER #X
SC-X	END SWITCH, NORMALLY CLOSED #X
SO-X	END SWITCH, NORMALLY OPEN #X
ГS-Х	TEMERATURE SENSOR #X
SD-X	SMOKE DETECTOR #X
OL	OVERLOAD RELAY #X
PS-X	DIFFERENTIAL PRESSURE SENSOR #X
SR-X	CURRENT SENSING RELAY #X
M-X	FLOW METER #X
-S-X	FLOW SWITCH #X
AS-X	EMERGENCY AIR HANDLER SHUT DOWN BUTTON #X

	MECHANICAL SYMBOLS
YMBOLS ARE SHO	WN MAY NOT APPEAR IN ALL DRAWINGS. WN SCHEMATICALLY AND MAY NOT BE TO SCALE.
SYMBOL	
#	NEW EQUIPMENT DESIGNATION (TOP - EQUIP. ABBREV., BOTTOM - MARK)
A #	NEW DIFFUSER DESIGNATION (TOP - SCHEDULE DESIGN., BOTTOM - CFM)
	NEW EQUIPMENT
	EXISTING EQUIPMENT
	NEW DUCT
	EXISTING DUCT
	EXISTING DUCT TO BE REMOVED OR RELOCATED
	NEW SUPPLY DIFFUSER
	EXISTING SUPPLY DIFFUSER EXISTING SUPPLY DIFFUSER TO BE REMOVED OR RELOCATED
	NEW R/A GRILLE
	EXISTING R/A GRILLE
	EXISTING R/A GRILLE TO BE REMOVED OR RELOCATED
	NEW EXHAUST GRILLE
	EXISTING EXHAUST GRILLE EXISTING EXHAUST GRILLE TO BE REMOVED OR RELOCATED
	NEW SLOT DIFFUSER
	EXISTING SLOT DIFFUSER EXISTING SLOT DIFFUSER TO BE REMOVED OR RELOCATED
(Ţ)	THERMOSTAT W/ BACKBOX AND CONDUIT TO ABOVE CEILING
(T)	EXISTING THERMOSTAT TO BE REMOVED OR RELOCATED
	45 DEGREE PRESSURE TAP W/ VOLUME DAMPER CONICAL TAP W/ VOLUME DAMPER
	CONICAL TAP W/ VOLUME DAMPER
	FIRE DAMPER SMOKE DAMPER
-FSD	FIRE/SMOKE DAMPER
	MOTORIZED DAMPER
← BD ← CHS	BAROMETRIC DAMPER CHILLED WATER SUPPLY PIPE
CHR	CHILLED WATER RETURN PIPE
CS	CONDENSER WATER SUPPLY PIPE
CR	CONDENSER WATER RETURN PIPE REFRIGERANT LIQUID PIPE
	REFRIGERANT GAS PIPE
—HWS—	HEATING WATER SUPPLY
—HWR— —HPS—	HEATING WATER RETURN HIGH PRESSURE STEAM
HPR	HIGH PRESSURE CONDENSATE RETURN
LPS	LOW PRESSURE STEAM
LPR	LOW PRESSURE CONDENSATE RETURN PUMPED CONDENSATE RETURN
	DOMESTIC COLD WATER
	DOMESTIC HOT WATER
	DOMESTIC HOT WATER RETURN SANITARY WASTE LINE
CD	CONDENSATE DRAIN
P	PUMPED SANITARY LINE
	VENT LINE DIRECTION OF SLOPE
	DIRECTION OF FLOW
	EXPANSION LOOP
	GATE VALVE BUTTERFLY VALVE
	GLOBE VALVE
×	TEMPERATURE AND PRESSURE RELIEF VALVE
₩ ₩	BALANCING VALVE AUTOMATIC 2-WAY CONTROL VALVE
~~	AUTOMATIC 3-WAY CONTROL VALVE
 ₽	PLUG VALVE/BALANCING COCK SOLENOID VALVE
	CHECK VALVE
—	HYDRAULIC SHOCK ARRESTOR
	VALVE VERTICAL UNION
	VACUUM BREAKER
	P-TRAP
HD FCO GCO	HUB DRAIN FLOOR CLEANOUT OR GRADE CLEANOUT
	CLEANOUT OR WALL CLEANOUT
÷	PETE'S PLUG
1	GAUGE COCK THERMOMETER
+-' [
+ 	THERMOMETER WELL
I	THERMOMETER WELL STRAINER W/ BLOW-OFF VALVE
	STRAINER W/ BLOW-OFF VALVE F&T STEAM TRAP
	STRAINER W/ BLOW-OFF VALVE

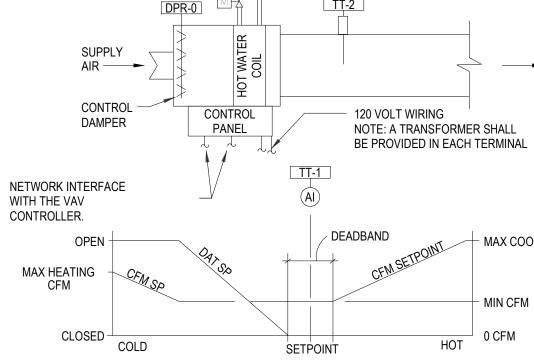


1 DUAL PID LOOP VARIABLE VOLUME AND CONSTANT VOLUME BOX WITH HEATING WATER COIL NOT TO SCALE



COOLING AND HEATING WHEN THE SPACE TEMPERATURE, AS SENSED BY SPACE TEMPERATURE TRANSMITTERS (TT-1), IS BETWEEN THE HEATING AND COOLING SETPOINTS (FROM THE BAS) THE PRIMARY CFM SETPOINT WILL BE AT MINIMUM CFM AND THERE WILL BE NO MECHANICAL HEATING.

TYPICAL VARIABLE VOLUME BOX WITH HOT WATER REHEAT COIL (DUAL PID LOOP)



2 SPLIT SYSTEM CONTROL SEQUENCE NOT TO SCALE

HOT WATER VALVE

2-WAY U.N.O.

TEMPERATURE SETPOINT. TEMPERATURE OF THE ROOMS SERVED BY SPLIT SYSTEMS SHALL BE MONITORED BY BMS AND SHALL ALARM FOR ROOM TEMPERATURE HIGH (85 F) AND LOW (60 F) LIMITS. FOR SPLIT SYSTEMS IN ROOMS ALSO SERVED BY A VAV BOX THE SPLIT SYSTEM'S TEMPERATURE SETPOINT SHALL BE SET 3 DEGREES ABOVE THE VAV BOX'S TEMPERATURE SETPOINT. THE SPLIT SYSTEM SHALL FUNCTION AS BACKUP COOLING FOR THE FIRE COMMAND ROOM, AND IDF ROOMS IN THE EVENT THE VAV BOX IS UNABLE TO COOL THE ROOM.

THE DDC SYSTEM SHALL CONNECT TO ANY ALARM RELAY AVAILABLE ON THE SPLIT SYSTEMS TO ECHO THE ALARMS THROUGH THE DDC SYSTEM. ALL POINTS TO BE TRENDED. SPLIT SYSTEMS SHALL RUN UNDER ITS OWN CONTROL TO MAINTAIN ROOM

TEMPERATURE SENSOR..

DISCHARGE AIR

TT-2

- MAX COOLING CFM

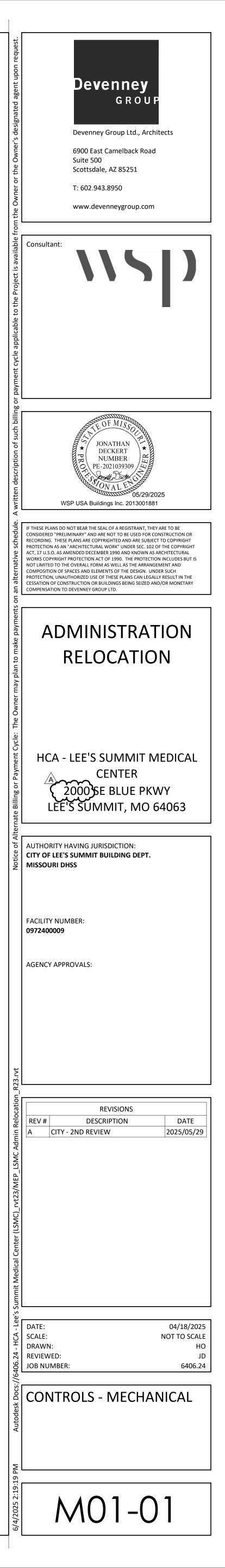


TEMPERATURE SENSOR .. HOT WATER VALVE 2-WAY U.N.O. SUPPLY AIR -CONTROL -CONTROL - 120 VOLT WIRING DAMPER PANEL NOTE: A TRANSFORMER $\gamma_{\mathbf{p}}$ SHALL BE PROVIDED IN EACH TERMINAL. TT-1 NETWORK INTERFACE WITH THE VAV CONTROLLER. DEADBAND OPEN -MAX CFM * * DAMPER - MIN CFM CLOSED $^{\perp}$ 0 CFM HOT COLD SETPOINT TYPICAL CONSTANT VOLUME BOX WITH HOT WATER REHEAT COIL COOLING AND HEATING ON A RISE IN SPACE TEMPERATURE TRANSMITTERS (TT-1) SETPOINT (75 DEG. ADJ.), TT-1 SHALL, THROUGH THE DDC, MODULATE THE HOT WATER VALVE CLOSED. ON A FALL IN SPACE TEMPERATURE (70 DEG. ADJ.), TT-1 SHALL, THROUGH THE DDC, MODULATE OPEN THE HOT WATER VALVE. THE DAMPER SHALL MODULATE TO MAINTAIN THE CFM SETTING AS INDICATED ON THE DRAWINGS AT ALL TIMES. UNDER NO CIRCUMSTANCES (EXCEPT SMOKE CONTROL IF APPLICABLE) SHALL THE CFM SETTING BE BELOW THAT OF THE MINIMUM CFM AS INDICATED ON THE DRAWINGS. TEMPERATURE SETPOINT SHALL BE ADJUSTABLE THROUGH THE DDC CONTROL SYSTEM AND SHALL HAVE USER ADJUSTABLE OFFSETS. THE DEADBAND SHALL BE ADJUSTABLE THROUGH THE DDC CONTROL SYSTEM. GAIN OF VAV DAMPER CONTROL SHALL NOT EXCEED 20%. THE DEADBAND SHALL NOT EXCEED +/-0.5°F. THE FOLLOWING POINTS SHALL BE MAPPED TO BE TRENDED FROM THE OPERATORS WORKSTATION. A VAV BOX SUMMARY SHALL BE PROGRAMMED TO ALLOW THE OPERATOR TO VIEW THE FOLLOWING POINTS IN TABULAR FORM: - SPACE TEMPERATURE SETPOINT - CURRENT SPACE TEMPERATURE - CFM SETTING - CURRENT CFM - DAMPER POSITION

- VALVE POSITION

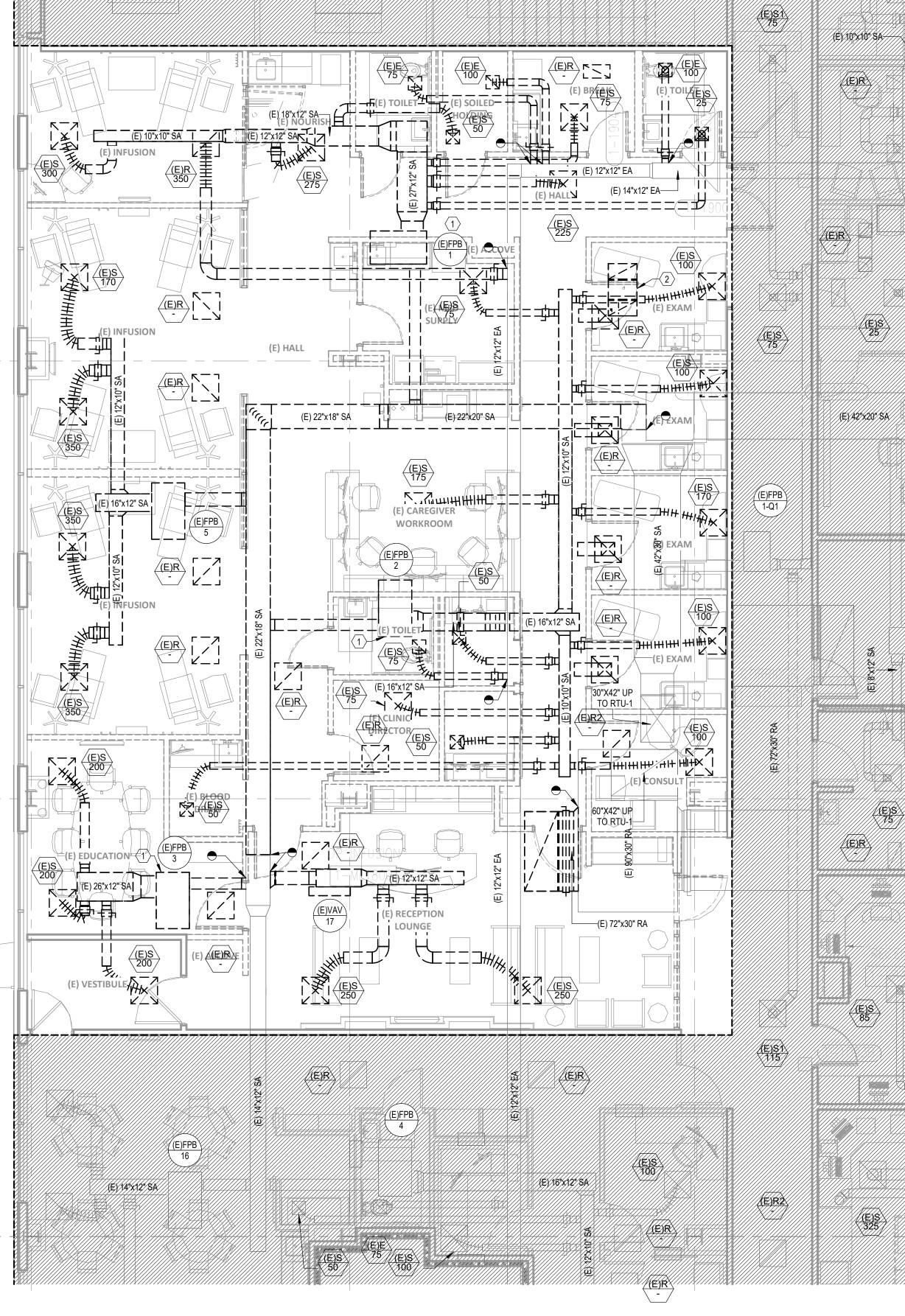
- VAV DISCHARGE AIR TEMPERATURE

- DISCHARGE AIR



(**1.A**) E F G





(E)FCU

(E)FCU E-1-2

(E)FPB 1-R1

(E)FPB 1-V1

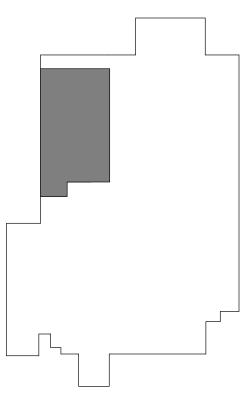
(E)CH

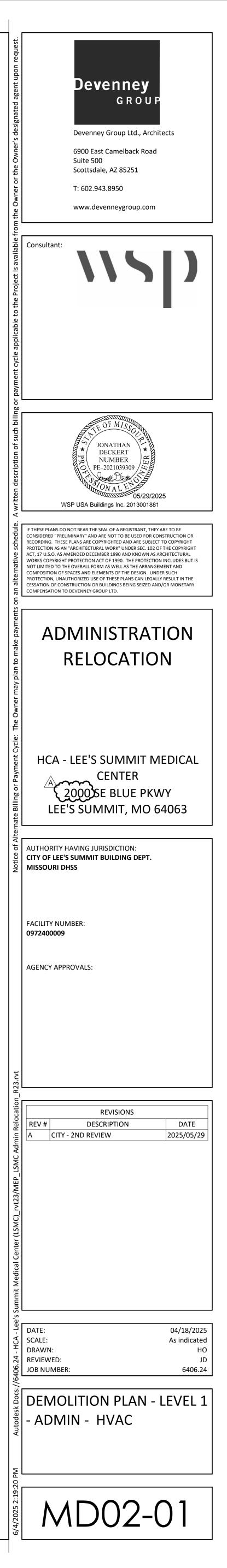
GENERAL DEMO NOTES

- A. REFER TO M00-00 FOR GENERAL MECHANICAL NOTES AND SYMBOLS.
 B. ALL EXISTING CONDITIONS INDICATED ON THESE DRAWINGS ARE APPROXIMATE AND BASED UPON A COMBINATION OF AVAILABLE RECORD DESIGN AND AS-BUILT DOCUMENTS. CONTRACTOR TO VERIFY EXISTING CONDITIONS.
 C. ALL EXISTING DUCT SIZES AND AIRFLOW VALUES ON PLAN ARE PER THE DESIGN
- DOCUMENTS AVAILABLE.
 D. CONTRACTOR TO PRE-TAB ALL SUPPLY AND EXHAUST DUCTWORK SERVED BY EXISTING SYSTEMS MODIFIED AS A PART OF THIS SCOPE. PRE-TAB TO INCLUDE CURRENT CONSTRUCTION SCOPE AREAS AND ALL OUT OF SCOPE AREAS SERVED BY THE MODIFIED SYSTEMS. CONTRACTOR TO DOCUMENT PRECONSTRUCTION VALUES AND PROVIDE TO ENGINEER OF RECORD. UPON COMPLETION OF CONSTRUCTION, REBALANCE ALL EXISTING AREAS TO PRE-TABBED CONSTRUCTION VALUES.

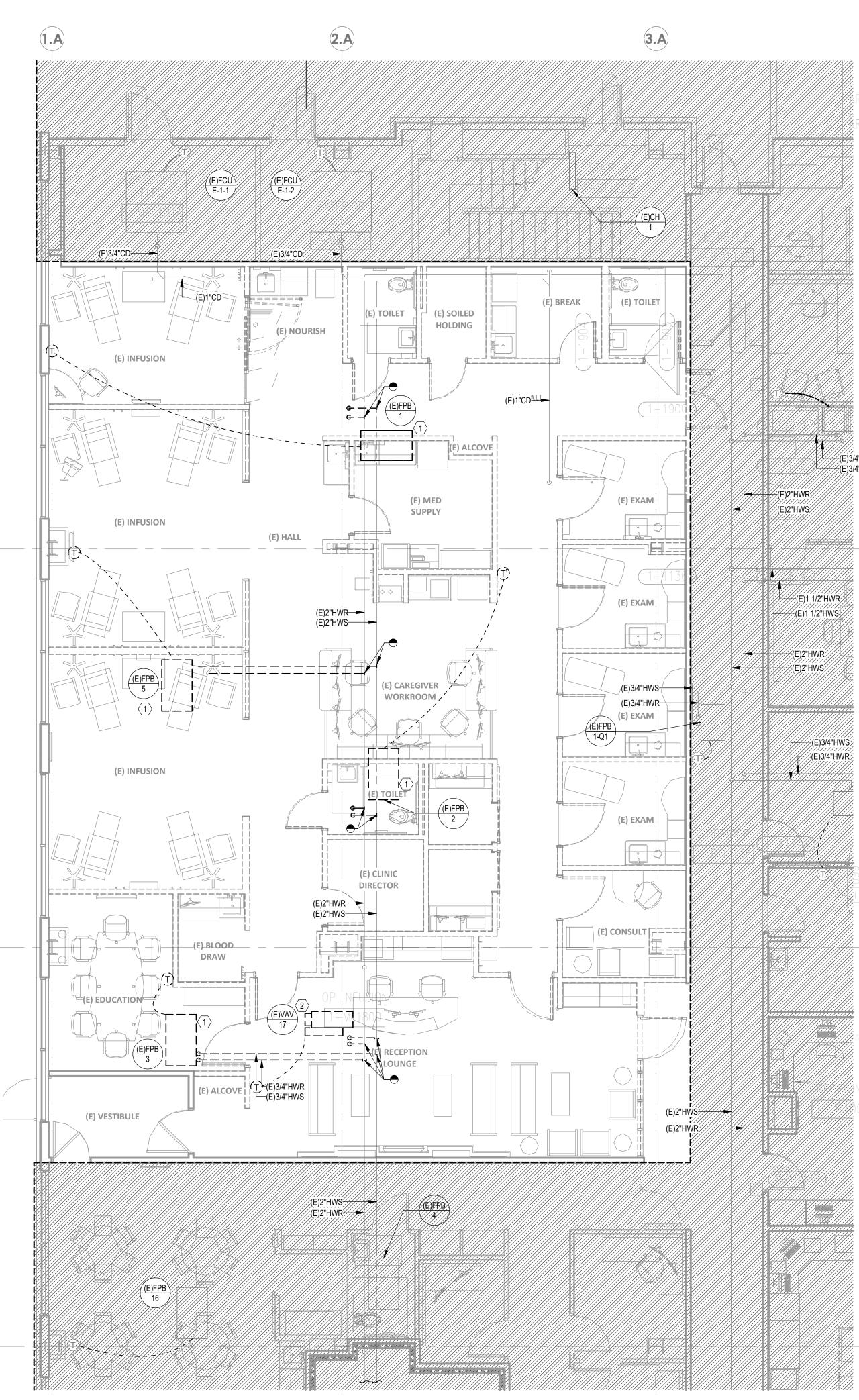
LEGEND NOTES

- 1. DEMOLISH THE FAN POWERED BOX AND ASSOCIATED INLET AND LOW PRESSURE DUCTWORK.
- 2. DEMOLISH RETURN TRANSFER DUCT.





E F G



(E)3/4"HWS

/////(E)3/4"HWR

/////////(E)2"HWR//

(E)1 1/2"HWR

(E)1 1/2"HWS

,////(E)3/4"HWS

(E)3/4"HWR

//=///////(E)2"HWR//

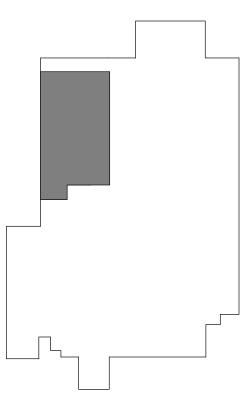
1 DEMOLITION PLAN - LEVEL 1 - ADMIN - HVAC PIPING

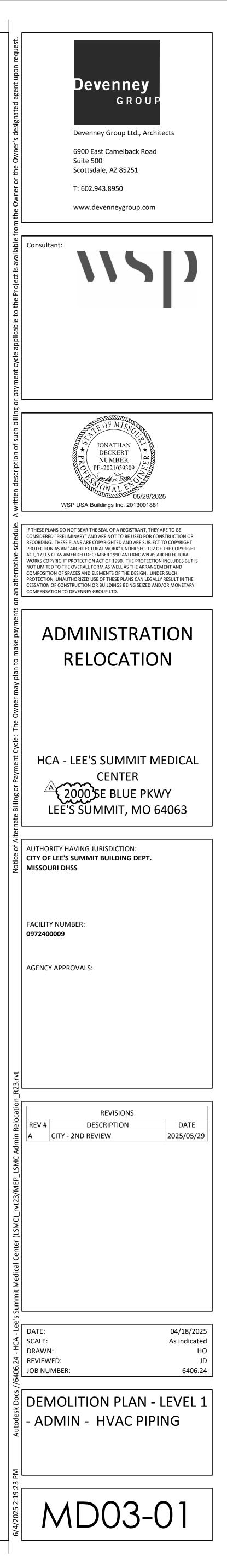
GENERAL NOTES

- A. REFER TO M00-00 FOR GENERAL MECHANICAL NOTES, SYMBOLS AND LEGENDS. B. ALL EXISTING CONDITIONS INDICATED ON THESE DRAWINGS ARE BASED UPON A
- COMBINATION OF AVAILABLE RECORD DESIGN AND AS-BUILT DOCUMENTS. C. PROVIDE CEILING ACCESS PANELS FOR ALL EQUIPMENT, COILS, ETC. THAT ARE LOCATED ABOVE HARD CEILINGS UNLESS NOTED OTHERWISE.

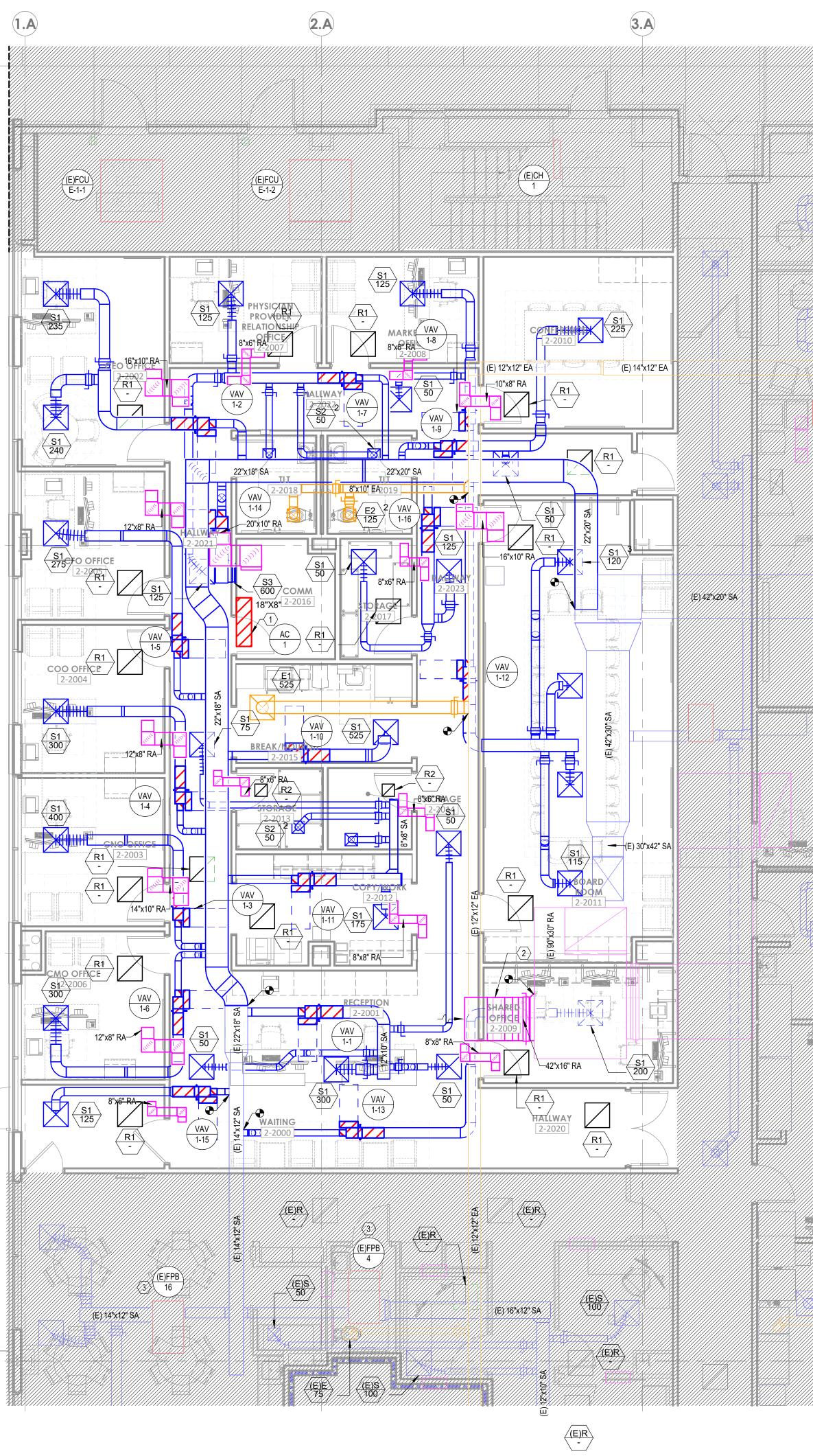
LEGEND NOTES

1. REMOVE FAN POWERED BOX AND ASSOCIATED HW PIPING, THERMOSTAT, AND CONTROL WIRING. 2. REMOVE VAV AND ASSOCIATED HW PIPING, THERMOSTAT, AND CONTROL WIRING.





E F G



______ ____________

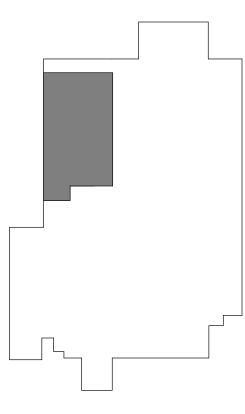
1 FLOOR PLAN - LEVEL 1 - ADMIN - HVAC

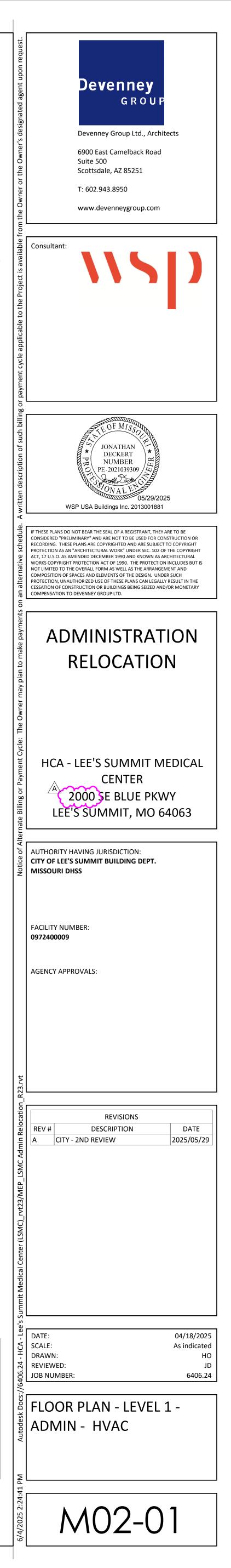
GENERAL NOTES

- A. REFER TO M00-00 FOR GENERAL MECHANICAL NOTES AND SYMBOLS.
- B. CONTRACTOR TO VERIFY EXISTING CONDITIONS. EXISTING WORK SHOWN IS APPROXIMATE AND REPRESENTATIVE OF
- EXISTING DESIGN AND AS-BUILT DRAWINGS. C. PROVIDE REMOTE ADJUSTABLE DAMPERS FOR ANY BALANCING DAMPERS LOCATED ABOVE HARD CEILINGS.
- D. ACCESS PANELS TO BE PROVIDED FOR ANY MECHANICAL EQUIPMENT OR MECHANICAL DEVICES REQUIRING SERVICE LOCATED ABOVE HARD CEILINGS.

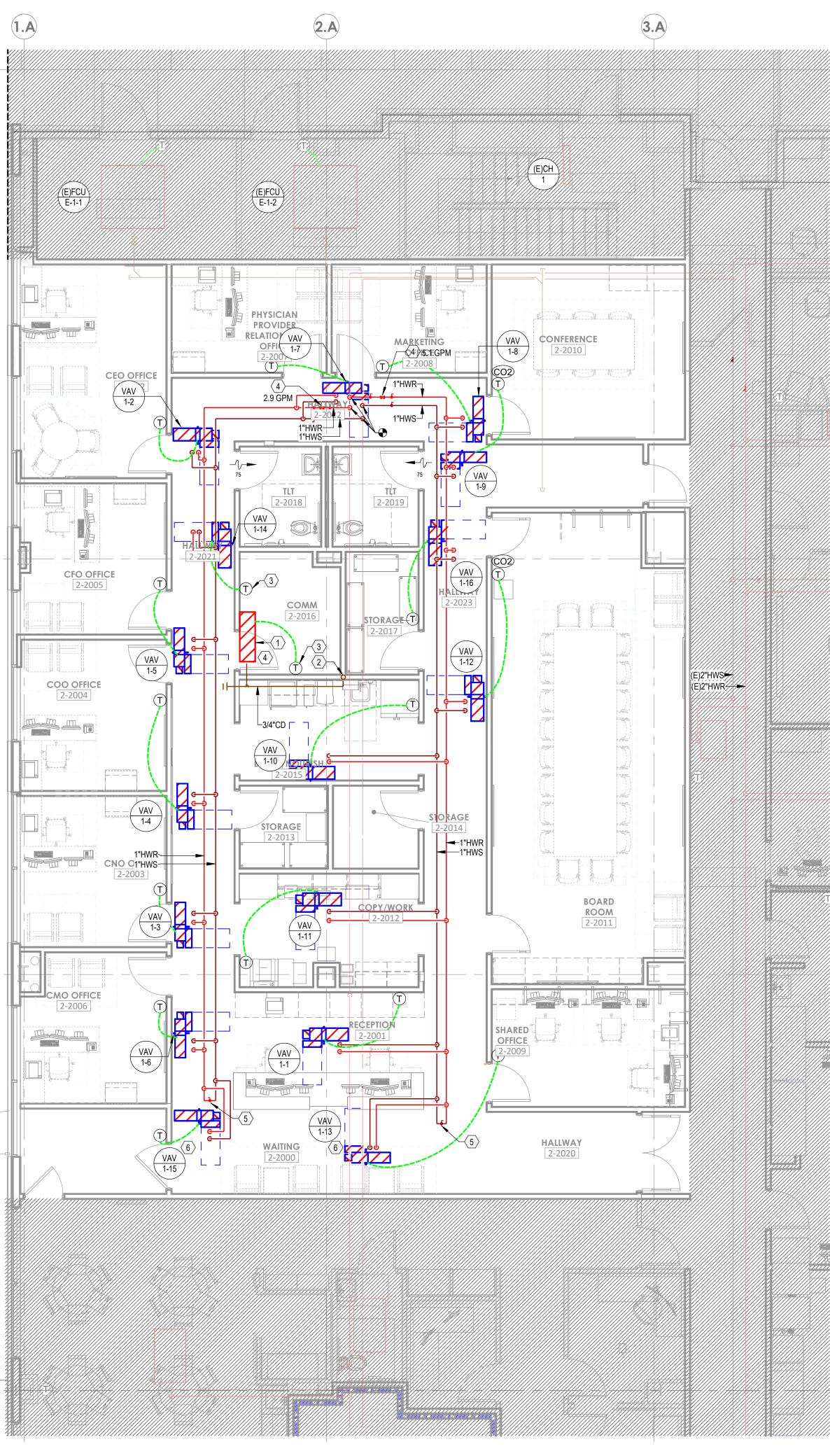
LEGEND NOTES

 CONDENSING UNIT ACCU-1 PROVIDED ON ROOF ABOVE FOR AC-1.
 BALANCE TO 4,400 CFM OF RETURN AIR.
 CONTRACTOR TO PROVIDE TEMPORARY HEATING AND COOLING FOR SPACES AFFECTED BY DEMOLITION WORK.





E F **G**—



|||\$\$+\$\$++++

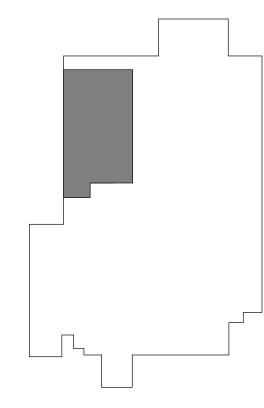
1 FLOOR PLAN - LEVEL 1 - ADMIN - HVAC PIPING

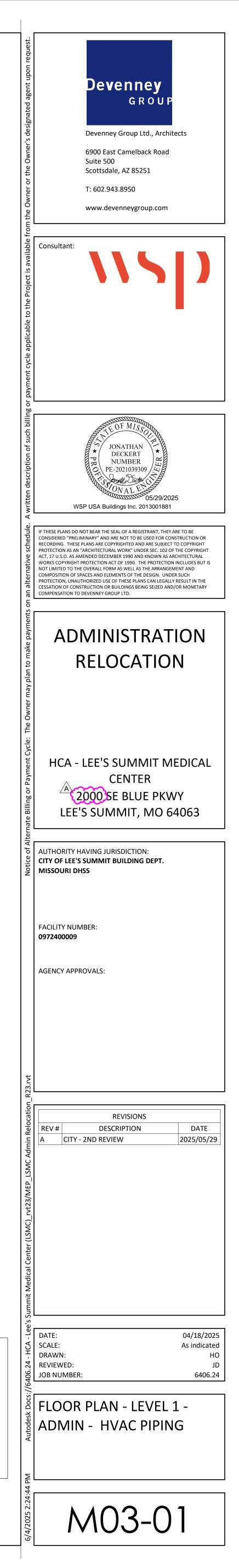
GENERAL DEMO NOTES

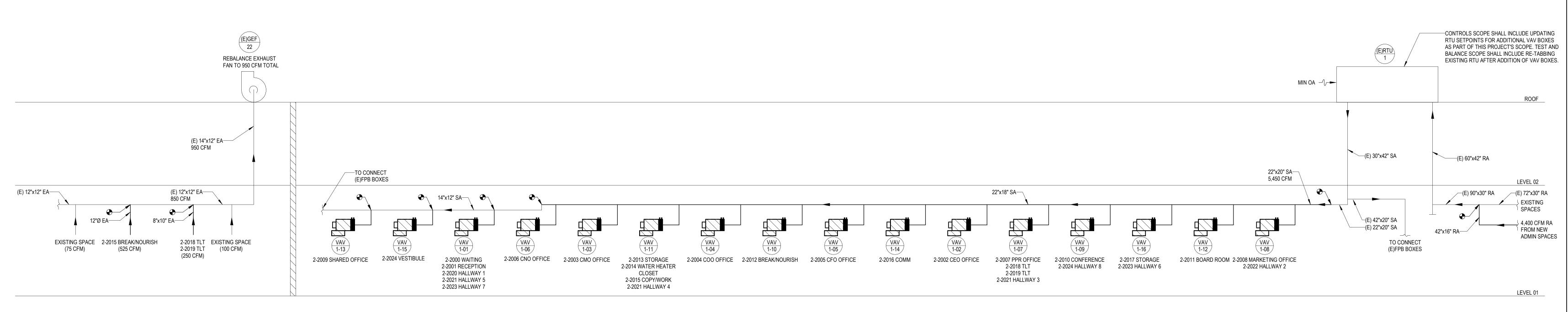
- A. REFER TO M00-00 FOR GENERAL MECHANICAL NOTES AND SYMBOLS. B. ALL EXISTING CONDITIONS INDICATED ON THESE DRAWINGS ARE APPROXIMATE AND BASED UPON A COMBINATION OF AVAILABLE RECORD DESIGN AND AS-BUILT DOCUMENTS. CONTRACTOR TO VERIFY EXISTING CONDITIONS.
- C. ALL EXISTING PIPE SIZES ON PLAN ARE PER THE DESIGN DOCUMENTS PROVIDED. D. CONTRACTOR TO PRE-TAB ALL SUPPLY AND RETURN PIPING SERVED BY EXISTING SYSTEMS MODIFIED AS A PART OF THIS SCOPE. CONTRACTOR TO DOCUMENT PRECONSTRUCTION VALUES AND PROVIDE TO ENGINEER OF RECORD. UPON COMPLETION OF CONSTRUCTION, REBALANCE ALL EXISTING AREAS TO PRE-TABBED CONSTRUCTION VALUES.

LEGEND NOTES

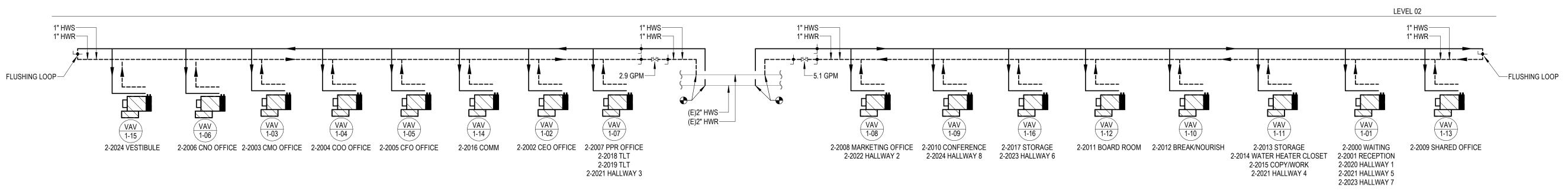
- 1. SIZE AND ROUTE REFRIGERANT PIPING PER MANUFACTURER'S INSTRUCTIONS FROM AC-1 UP TO CONDENSING UNIT (ACCU-1) ON ROOF. CONTRACTOR SHALL UTILIZE SHAFT
- AND MINIMIZE DISTURBANCE TO OTHER TENANTS WITH ROUTING. . ROUTE 3/4" CONDENSATE DRAIN DOWN TO HUB DRAIN BELOW SINK. B. SET THERMOSTAT FOR VAV-14 THREE DEGREES BELOW THERMOSTAT FOR AC-1.
- 4. CALIBRATED ORIFICE BALANCING VALVE BALANCED TO GPM INDICATED 5. PROVIDE END OF MAIN FLUSHING VALVE AT THE END OF HW PIPING RUN. REFER TO DETAIL 06/M07-01.
- 6. PROVIDE 3-WAY CONTROL VALVE FOR VAV AT THE END OF THE PIPING RUN.







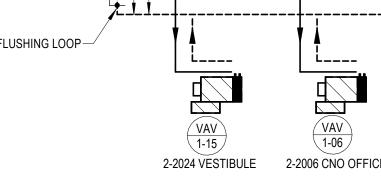
3 AIR RISER DIAGRAM 1/8" = 1'-0"



2 HW RISER DIAGRAM 1/8" = 1'-0"

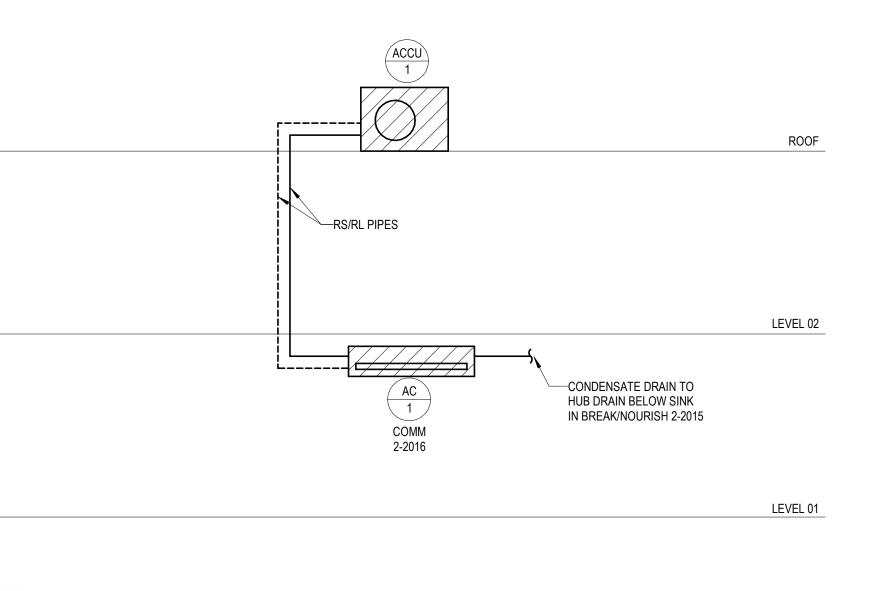


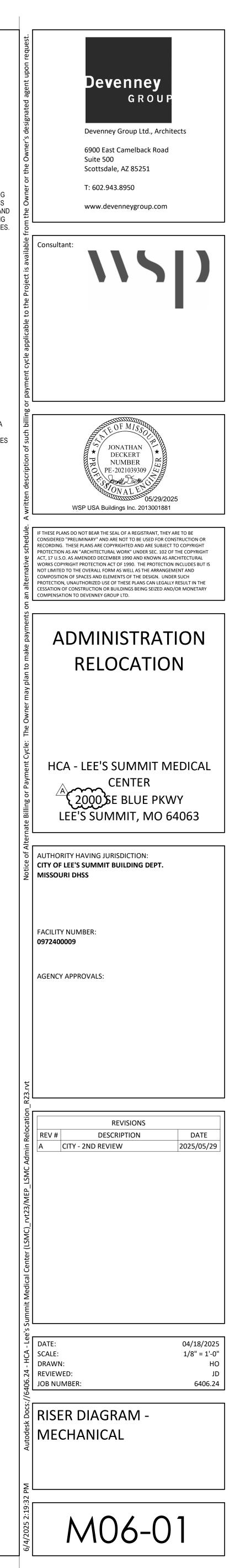


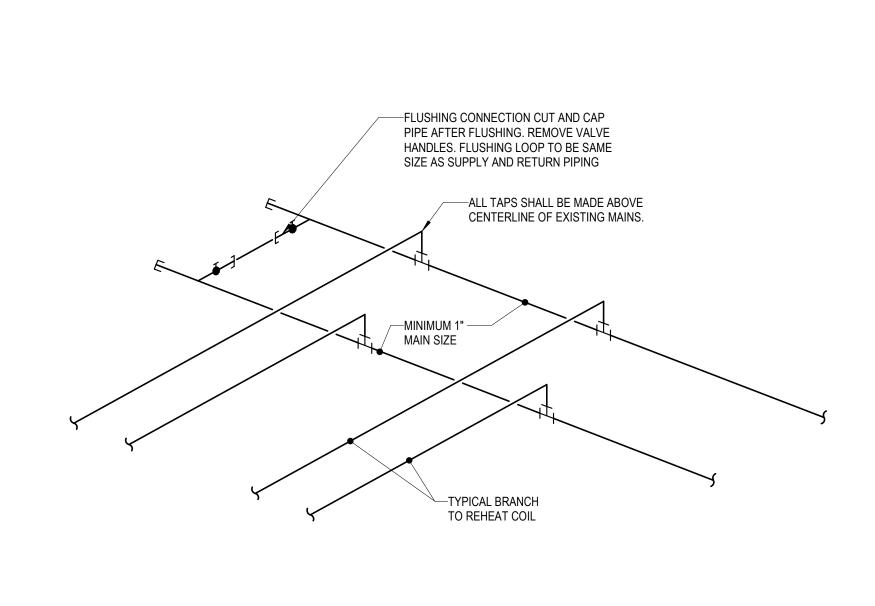


1 SPLIT SYSTEM RISER DIAGRAM NOT TO SCALE



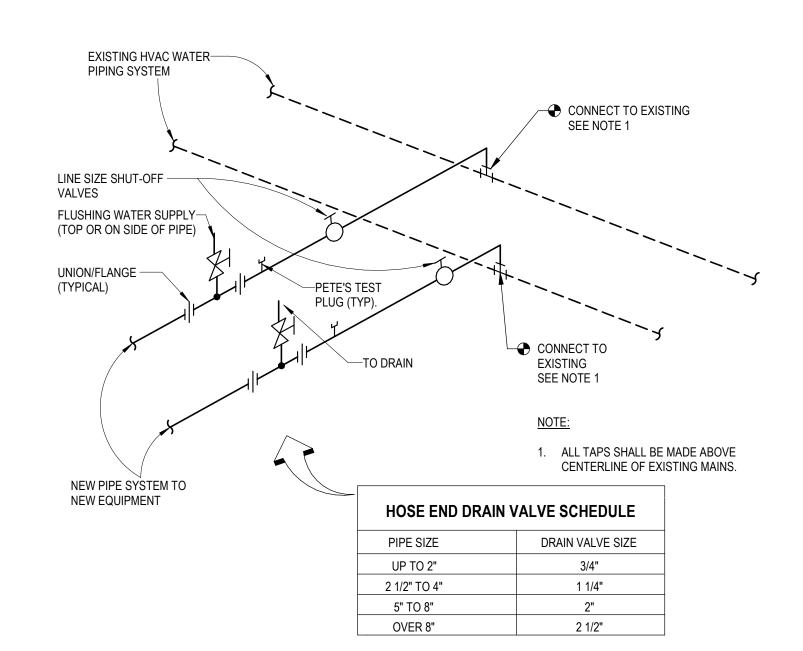


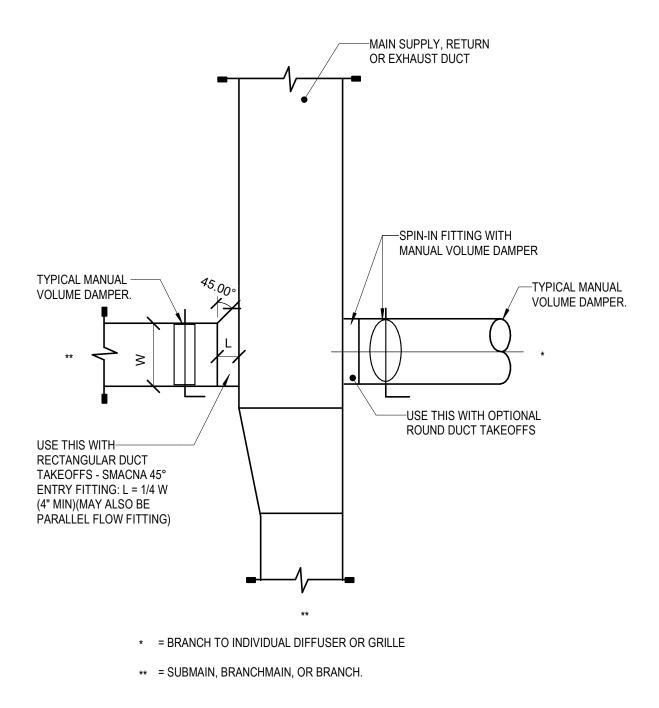




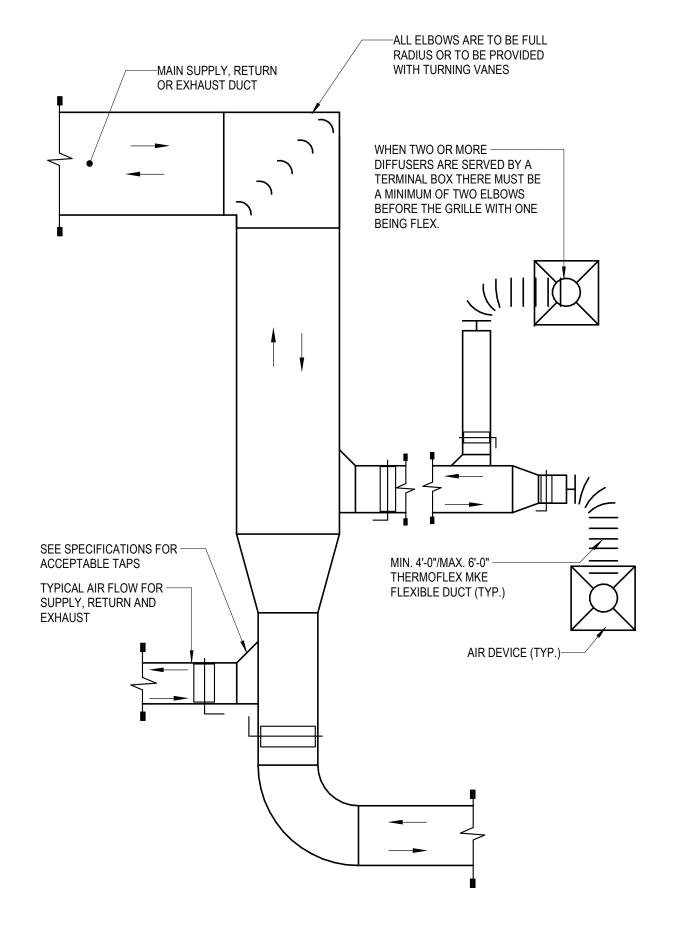
6 HVAC REHEAT HOT WATER END OF MAIN FLUSHING DETAIL NOT TO SCALE

7 PIPING CONNECTION DETAIL **NOT TO SCALE**

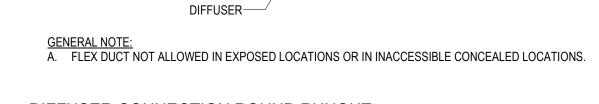




5 TYPICAL LOW PRESSURE SUPPLY, RETURN AND EXHAUST DUCT DETAIL NOT TO SCALE







FLEX DUCT 5' MAX.—



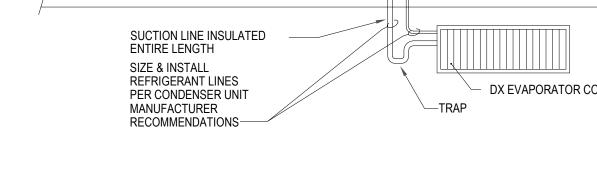
RIGID ROUND DUCT

-

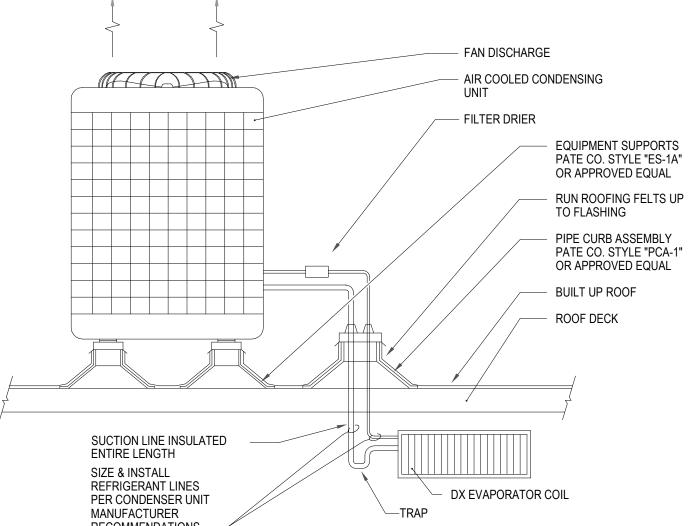
-CONICAL TAP WITH

MANUAL VOLUME DAMPER

CEILING



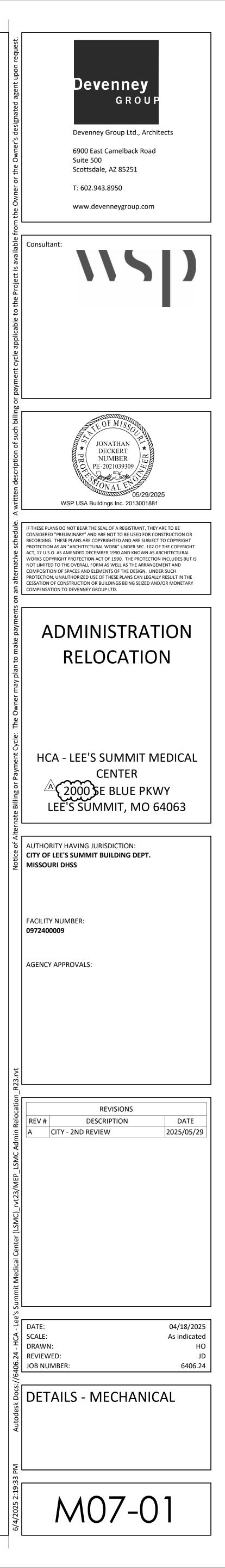
2 SPLIT REFRIGERANT CIRCUIT DETAIL - ROOF MOUNTED NOT TO SCALE

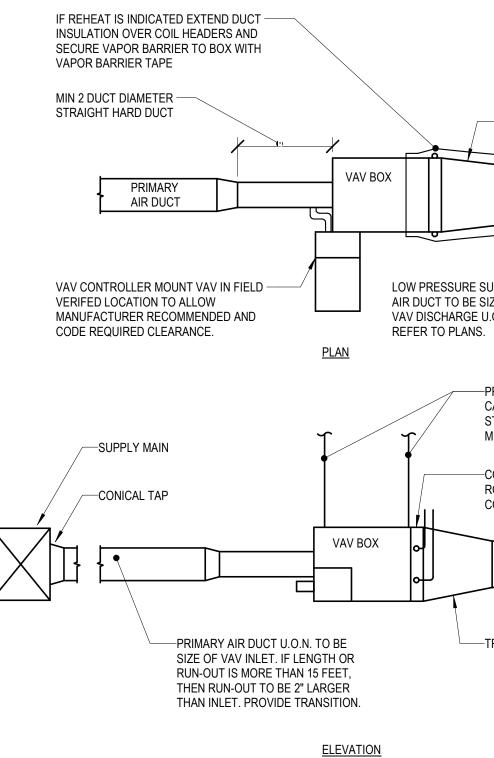


3 TERMINAL BOX INLET DUCT EQUIVALENT RECTANGULAR TO ROUND DUCT TAPS NOT TO SCALE

-PRIMARY AIR DUCT /- TERMINAL BOX RUN-OUT

	TAP, W x H	BOX INLET DUCT SIZ	E PER BOX SCHEDULE DTES.
D (INCHES)	TAP, W x	H (INCHES)	
8	1	0/6	
10	1	0/8	
12	12/1	0, 16/8	
14	14/12	2, 16/10	
16	16/14, 18	3/12, 22/10	
18	18/16, 20	0/14, 24/12	

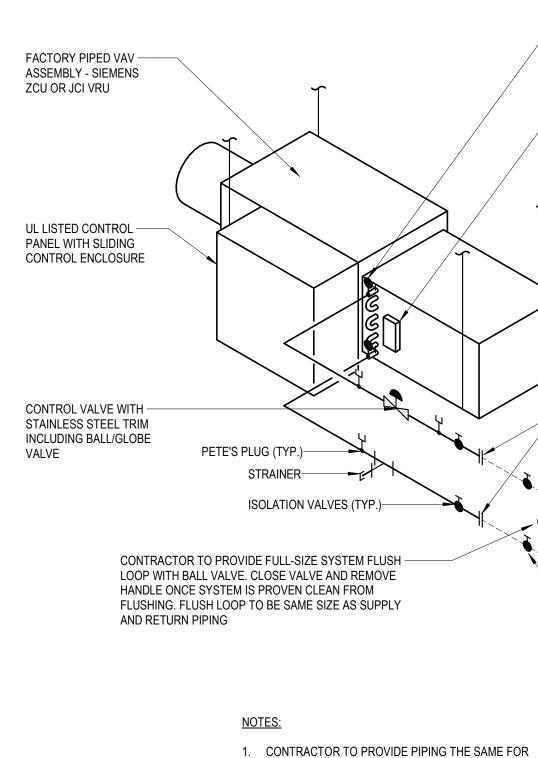




<u>NOTE:</u> 1. THIS DETAIL REFERS TO VAV AND CONSTANT VOLUME HOT WATER REHEAT AIR TERMINAL UNITS AND VAV AIR TERMINAL UNITS WITHOUT REHEAT. 2. TAP FITTING TO RECTANGULAR MEDIUM PRESSURE DUCT MAY ALSO BE RECTANGULAR 45° ENTRY, REFER TO DRAWINGS FOR REQUIRED SHOE TAP DUCT SIZES. 3. MEDIUM PRESSURE ROUND TRUNK DUCT TO HAVE CONICAL TEE FITTING, WITH OTHER REQUIREMENTS AS SHOWN. 4. BOXES 1400 CFM OR LESS TO BE SUPPORTED WITH REINFORCING ANGLE WITH 3/8" GALVANIZED

ALL THREAD ROD HANGERS. 5. COORDINATE REQUIREMENT FOR CEILING ACCESS PANELS WITH DIVISION 8 AND ARCHITECTURAL RCP.

4 VAV BOX INSTALLATION DETAIL NOT TO SCALE



HEATING COIL IN HOT WATER REHEAT AIR TERMINAL AND FOR DUCT MOUNTED HOT WATER HEATING COILS. 2. MAINTAIN HOT WATER RETURN PIPING ELEVATION BELOW ELEVATION OF AIR VENT.

3 PIPING AT TERMINAL REHEAT NOT TO SCALE

PROVIDE ISOLATION VALVES AT SUPPLY AND RETURN

FACTORY-PIPED VAV

ASSEMBLY.

-FIELD CONNECTION FROM HOT WATER SYSTEM TO

ON THE HEADER. COILS SHALL BE FIELD REVERSIBLE. —DISCHARGE AIR TEMP SENSOR FACTORY INSTALLED AND WIRED BACK TO THE VAV CONTROLLER

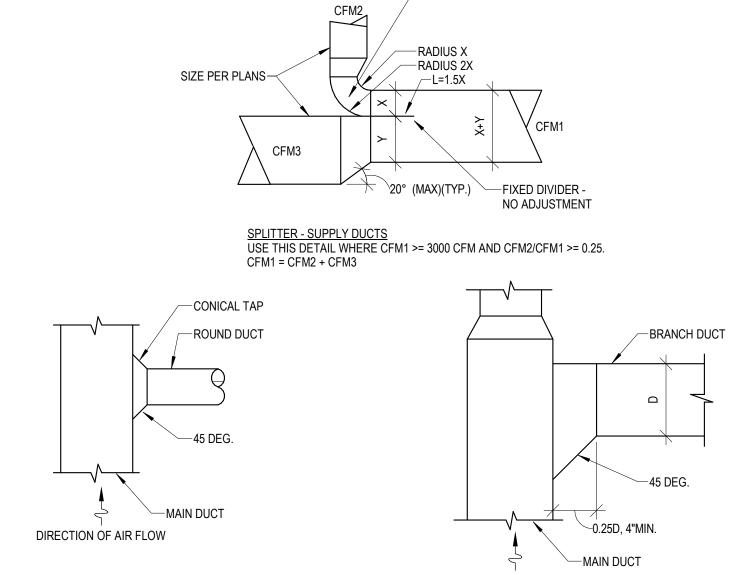
—AIR VENTS INSTALLED AT THE HIGHEST AND LOWEST POINTS

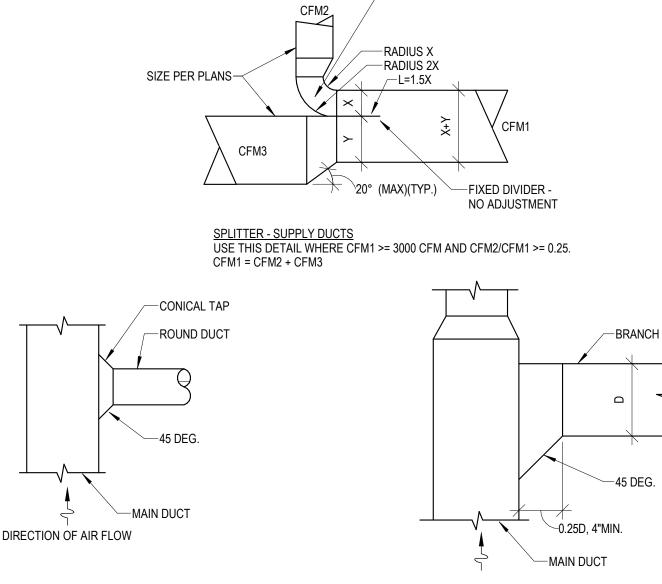
SUPPLY AIR DUCT TRANSITION AS REQUIRED

-COILS SHALL BE A MINIMUM OF 2 ROWS. SEE PIPING DETAIL FOR CONNECTIONS TO HEATING COILS

-PRE-INSTALLED SUPPORT CABLES, SECURE TO STRUCTURE W/ANCHORS, MIN. OF 4

REQUIRED LOW PRESSURE SUPPLY -----AIR DUCT TO BE SIZE OF VAV DISCHARGE U.O.N..

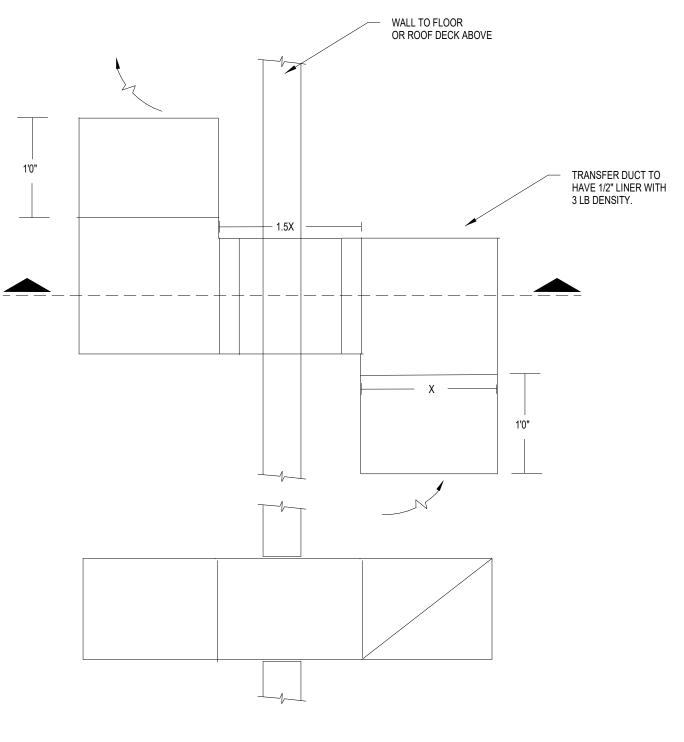


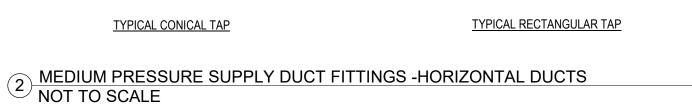


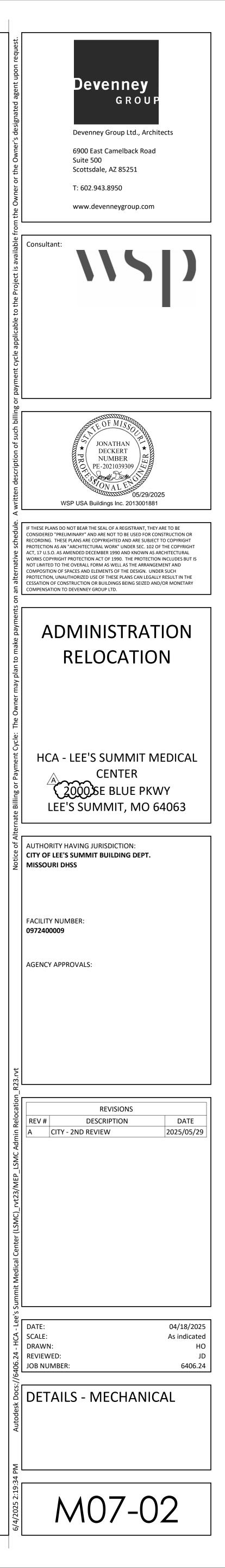
SQUARE ELL WITH TURNING VANES OR RADIUS ELL AS

INDICATED

1 TYPICAL RETURN AIR TRANSFER DUCT NOT TO SCALE







	AIR DEVICE SCHEDULE										
DESIG.			MAX NC LEVEL	MANUFACTURER/MODEL NO.	REMARKS/NOTES						
S1	24"X24"	NO	WHITE	ADJ. 4-WAY	NOTE 1	25	PRICE / SPD	CEILING PLAQUE SUPPLY DIFFUSER			
S2	12"X12"	NO	WHITE	ADJ. 4-WAY	NOTE 1	25	PRICE/SPD	CEILING PLAQUE SUPPLY DIFFUSER			
S3	SEE PLANS	NO	WHITE	ADJ.	FULL SIZE	25	PRICE / 610Z	SIDEWALL SUPPLY GRILLE			
R1	24"X24"	NO	WHITE	-	NOTE 1	25	PRICE / SPD	CEILING RETURN GRILLE			
R2	12"X12"	NO	WHITE	-	NOTE 1	25	PRICE/SPD	CEILING RETURN GRILLE			
E1	24"X24"	NO	WHITE	-	NOTE 1	25	PRICE / SPD	CEILING EXHAUST GRILLE			
E2	12"X12"	NO	WHITE	-	NOTE 1	25	PRICE/SPD	CEILING EXHAUST GRILLE			

GENERAL NOTES:

A. CONTRACTOR TO COORDINATE FRAME STYLE WITH ARCHITECTURAL PLANS. FRAME TYPE SHALL MATCH CEILING TYPE AND MODULE DIMENSIONS.

B. CONTRACTOR TO COORDINATE FINAL FINISHES WITH ARCHITECT. AIR DEVICES TO BE FACTORY PAINTED.

C. NECK SIZES SHALL BE AS SCHEDULED UNLESS NOTED OTHERWISE ON PLANS.

D. DUCT MOUNTED AIR DEVICES SHALL BE FLANGE MOUNTED. NO MOUNTING SCREWS SHALL BE VISIBLE EXCEPT ON EXPOSED DUCTWORK.

NOTES:

1.	6"Ø	0-100	CFM
	8"Ø	101-225	CFM
	10"Ø	226-400	CFM
	12"Ø	401-600	CFM
	14"Ø	601-900	CFM
	15"x15"	901-1000	CFM

2. GRILLE SHALL BE DOUBLE DEFLECTION TYPE WITH TWO SETS OF ADJUSTABLE BLADES ORIENTED PERF

ADMIN (EXISTING RTU-1) TERMIN

										HW	COIL				
ESIGNATION	INLET	MIN	MAX HEATING	MAX	OUTLET SIZE	VALVE MAX	EAT	LAT	EWT	LWT	MAX FLOW	MAX WATER P.D.	MAX	JCI	NOTES
	SIZE (IN)	CFM	CFM	CFM	(IN / IN)	APD (IN WG)	DB °F	DB °F	°F	°F	GPM	(FT)	N.C.	MODEL NUMBER	
VAV-1-1	8"	450	450	450	10 / 12	0.25	52	95	140	110	1.1	10	30	TSS-08	1-11
VAV-1-2	8"	175	175	475	10 / 12	0.25	52	95	140	110	0.5	10	30	TSS-08	1-11
VAV-1-3	6"	150	150	400	8 / 12	0.25	52	95	140	110	0.4	10	30	TSS-06	1-11
VAV-1-4	6"	100	100	300	8 / 12	0.25	52	95	140	110	0.3	10	30	TSS-06	1-11
VAV-1-5	6"	100	100	275	8 / 12	0.25	52	95	140	110	0.3	10	30	TSS-06	1-11
VAV-1-6	6"	100	100	300	8 / 12	0.25	52	95	140	110	0.3	10	30	TSS-06	1-11
VAV-1-7	6"	350	350	350	8 / 12	0.25	52	95	140	110	0.9	10	30	TSS-06	1-11
VAV-1-8	6"	175	175	175	8 / 12	0.25	52	95	140	110	0.5	10	30	TSS-06	1-11
VAV-1-9	6"	200	200	275	8 / 12	0.25	52	95	140	110	0.5	10	30	TSS-06	1-11
VAV-1-10	8"	175	175	525	10 / 12	0.25	52	95	140	110	0.5	10	30	TSS-08	1-11
VAV-1-11	6"	350	350	350	8 / 12	0.25	52	95	140	110	0.9	10	30	TSS-06	1-11
VAV-1-12	8"	350	350	475	10 / 12	0.25	52	95	140	110	0.9	10	30	TSS-08	1-11
VAV-1-13	6"	75	75	200	8 / 12	0.25	52	95	140	110	0.2	10	30	TSS-06	ALL
VAV-1-14	8"	0	0	600	10 / 12	0.25	-	-	-	-	-	-	30	TSS-08	2-6, 8-9
VAV-1-15	6"	75	75	125	8 / 12	0.25	52	95	140	110	0.2	10	30	TSS-06	ALL
VAV-1-16	6"	175	175	175	8 / 12	0.25	52	95	140	110	0.5	10	30	TSS-06	1-11
	MIN MBH= GF UNIT MOUNTI		D FACTORY CONTR	OL PANEL.					9.			ALL BE FURNISHEI		ED TO TERMINAL BOX FA	CTORY BY
	SYSTEM.	IR VOLUMI			TH BUILDING CONTR				10.		TEMPERATURE TERMINAL BOX PROVIDE PIPIN	E CONTROLS MANI (FACTORY BY TEF IG CONNECTION T 0 - 4.0 GPM 4.1- 8.0 GPM	RMINAL BOX N	CONTROLS SHALL BE IN /ANUFACTURER. UNIT REHEAT COILS AS S	

7. H.W. COIL SHALL BE LOCATED AT DISCHARGE OF BOX.

8. OUTLET PLENUM BY INCLUDED BY MANUFACTURER. COORDINATE WITH RUNOUT SIZES TO AIR DEVICES. PROVIDE TRANSITION FROM BOX OUTLET PLENUM TO DUCTWORK. UPSIZE AS REQUIRED.

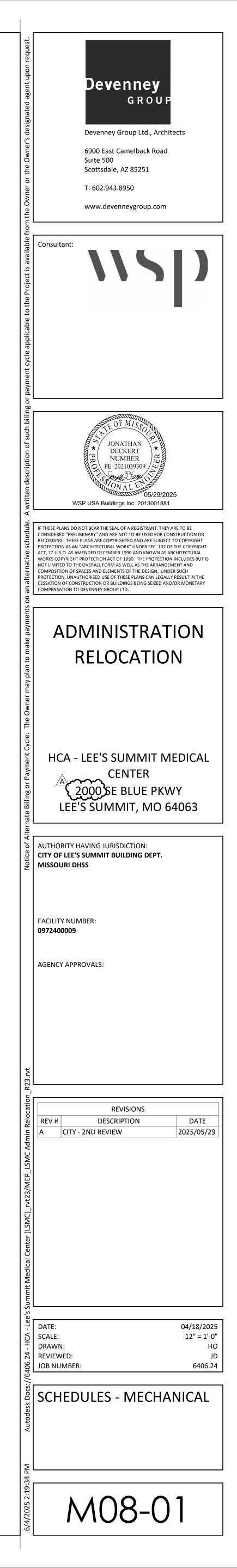
RPENDICULAR	TO EACH	OTHER.

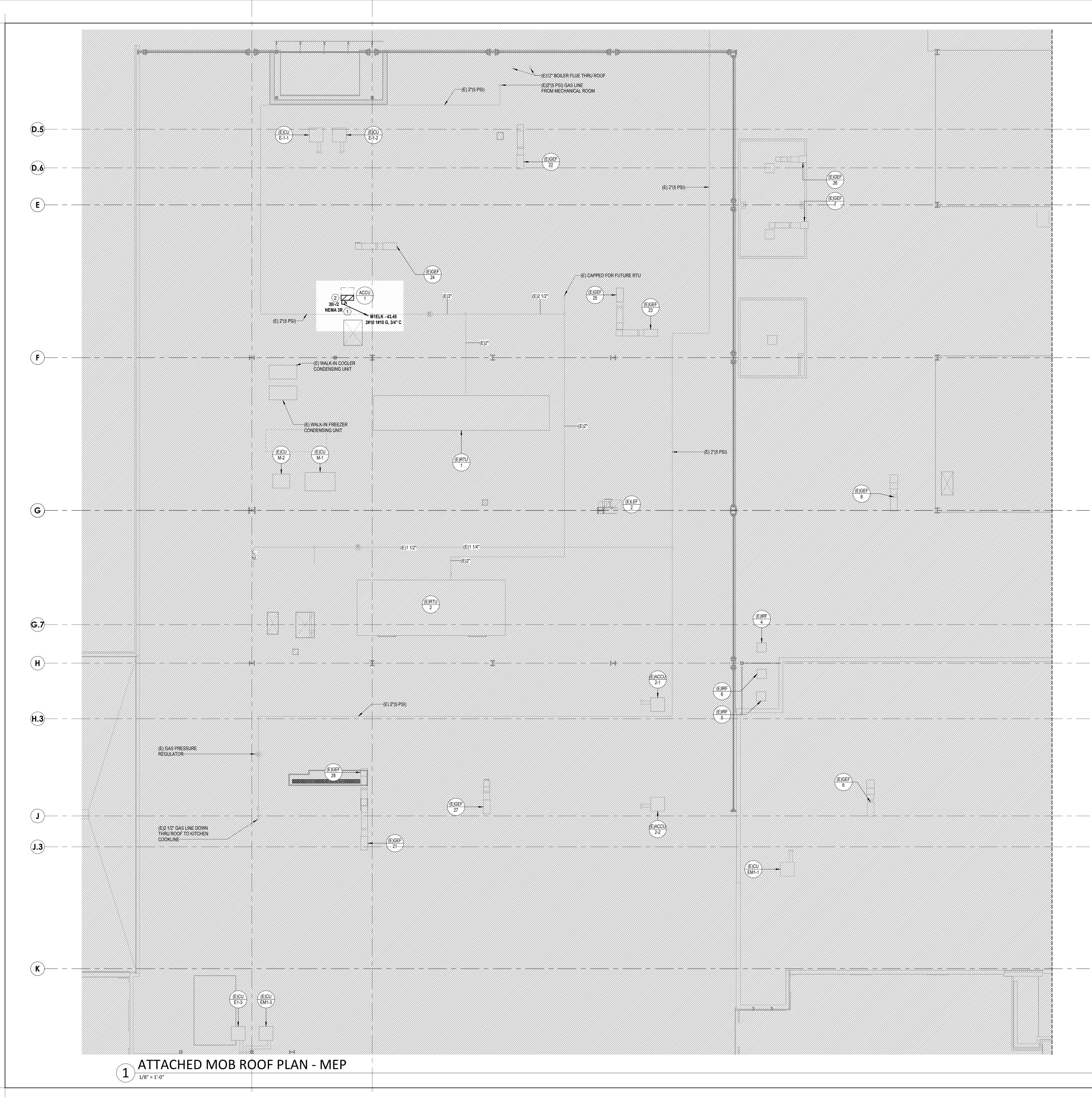
	SPLIT SYSTEM A/C UN	NIT SCHEDULE						
	DESIGNATION	AC-1						
	LOCATION	LEVEL 01						
	SERVICE	СОММ						
	SUPPLY CFM	1095						
	EXT. S.P. ("WG)	-						
	VOLTS / PH	208 / 1						
INDOOR UNIT DATA	MCA	-						
DATA	MCOP	-						
	DIMENSIONS (WxHxD) (IN)	47 1/4"X14 23/32"X10 7/16"						
	WEIGHT (LBS)	41						
	EAT °F DB/WB	80 / 67						
COOLING DATA	SENS. HEAT (BTUH)	34,000						
DATA	TOTAL HEAT (BTUH)	34,000						
CONDEN	SING UNIT DESIGNATION	ACCU-1						
	VOLTS / PH	208 / 1						
CU	MCA	23						
DATA	MOCP	30						
DATA	DIMENSIONS (WxHxD) (IN)	32 3/4"X37 13/32"X13"						
	WEIGHT (LBS)	148						
	SCCR (AMPS)	*						
	MANUFACTURER	LG						
INDOO	R FAN COIL MODEL NO.	KNSAP361A						
CONDE	NSING UNIT MODEL NO.	KUSAP361A						
NOTES:								
1.	CAPACITY AT 105°F O.A.T.							
2.	14.0 MIN. SEER RATING.							
3.	CONTRACTOR SHALL PROVIDE AND) INSTALL FACTORY POWERED						
	CONTROLS AND CONTROL TRANSF	ORMER						
4.	PROVIDE ELECTRONIC ALTERNATO	R AND FLOAT SWITCHES.						
5.	FACTORY WIRED SINGLE POINT CO	NNECTION						
6.	ELECTRICAL CONTRACTOR TO CON	INECT EXTERIOR UNIT						
	TO INTERIOR UNIT.							
7.	PROVIDE SEPARATELY POWERED F PUMP AT 120V. PART #3004046.	REFCO COMBI CONDENSATE						
0	D 20 DEEDIOEDANT							

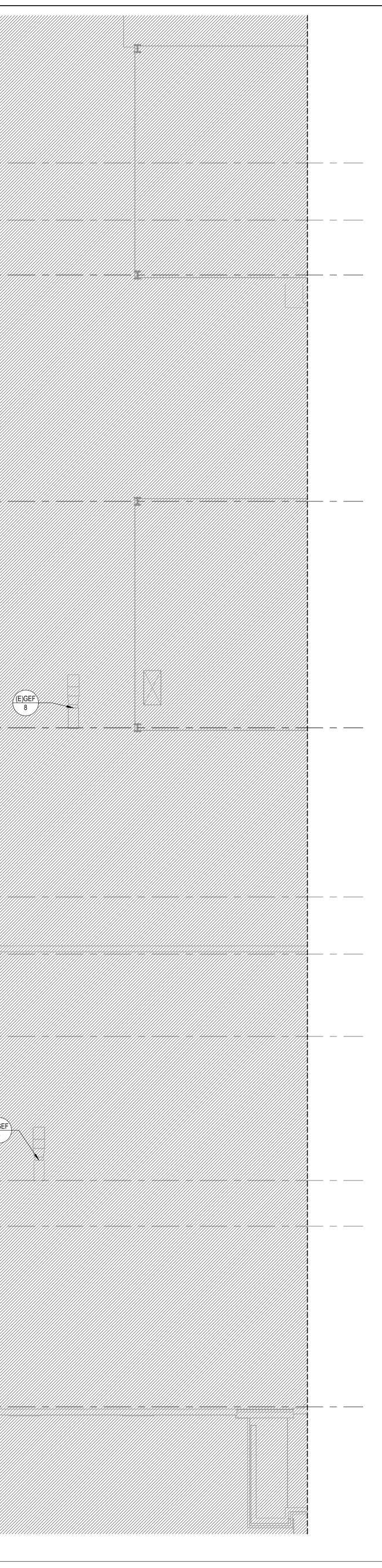
8. R-32 REFRIGERANT.

*SCCR RATING TO MEET OR EXCEED PANEL AIC RATING

INAL UNIT W/ HEATING WATER COIL SCHEDULE
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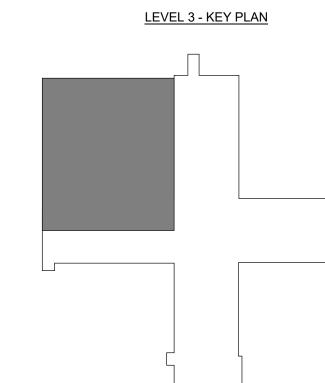
GENERAL NOTES

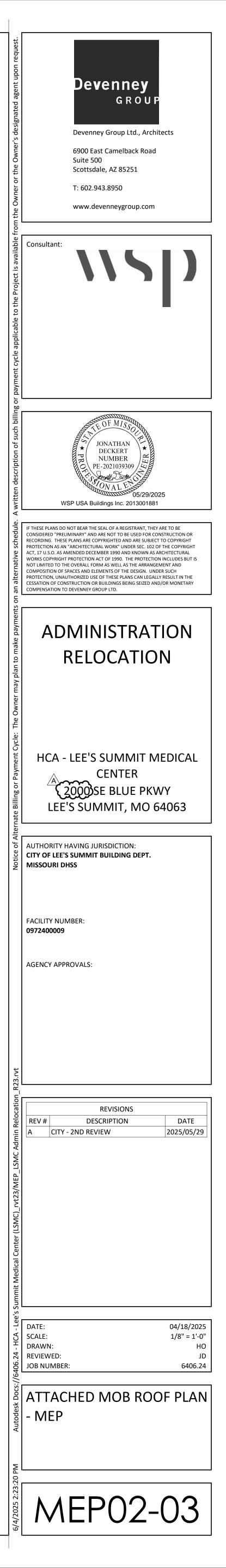
- A. REFER TO M00-00 FOR GENERAL MECHANICAL NOTES AND SYMBOLS.
- B. CONTRACTOR TO VERIFY EXISTING CONDITIONS. EXISTING WORK SHOWN IS APPROXIMATE AND REPRESENTATIVE OF
- EXISTING DESIGN AND AS-BUILT DRAWINGS. C. PROVIDE REMOTE ADJUSTABLE DAMPERS FOR ANY
- BALANCING DAMPERS LOCATED ABOVE HARD CEILINGS. D. ACCESS PANELS TO BE PROVIDED FOR ANY MECHANICAL
- EQUIPMENT OR MECHANICAL DEVICES REQUIRING SERVICE LOCATED ABOVE HARD CEILINGS.
- E. REFER TO SHEET E00-00 FOR ELECTRICAL SYMBOLS APPEARING ON THIS SHEET AND ADDITIONAL GENERAL NOTES . REFER TO SHEET E08 SERIES FOR FEEDER AND PANELBOARD SCHEDULES.
- G. REFER TO AND COORDINATE WITH THE ARCHITECTURAL PLANS, ELEVATIONS,
- EQUIPMENT VENDOR DRAWINGS AND DETAILS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF ALL WIRING DEVICES
- H. COORDINATE EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT, INCLUDING BUT NOT LIMITED TO: SMOKE DAMPERS, FIRE/SMOKE DAMPERS, VAV BOXES, FCU'S, ETC. WITH MECHANICAL DRAWINGS AND DIVISION 23 CONTRACTOR COORDINATE LOCATIONS OF ALL DISCONNECTS, CONTROL PANELS, AND ELECTRICAL
- CONNECTIONS FOR MECHANICAL AND PLUMBING EQUIPMENT TO MAINTAIN NEC REQUIRED CLEARANCES.

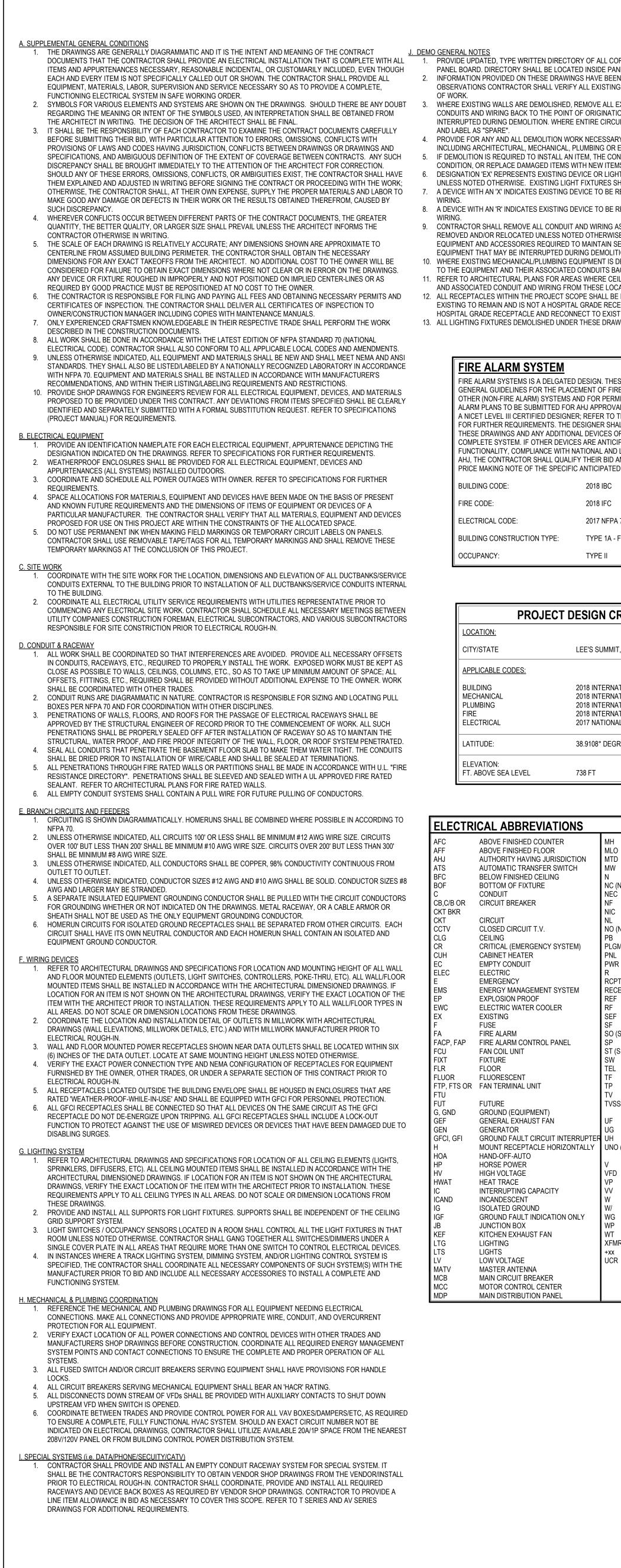
LEGEND NOTES

2

- SIZE & ROUTE REFRIGERANT PIPING FROM ACCU TO CORRESPONDING AC UNIT PER MANUFACTURER'S REQUIREMENTS.
- PROVIDE 3/4" EMPTY CONDUIT FOR CONTROL WIRING FROM ACCU TO RESPECTIVE AC UNIT.







			M SYMBOLS LEGE				
	ALL SYMB	DLS SHOWN MAY NOT APPEAR IN ALL DRAWI			OT BE TO SCALE.		DLS SHOWN MAY NOT APPI
ALL CORRECT CIRCUITS WITH LOAD DEFINITIONS FOR EACH	SYMBOL	DE	SCRIPTION		MNTG. HT. UNO	SYMBOL	
ALL CORRECT CIRCUITS WITH LOAD DEFINITIONS FOR EACH IDE PANEL DOOR. VE BEEN TAKEN FROM DESIGN DRAWING AND FIELD	F	FIRE ALARM PULL STATION WALL MOUNTED			48" AFF	<u> </u>	SINGLE RECEPTACLE - 20
XISTING CONDITIONS PRIOR TO PRICING AND COMMENCEMENT	Ø	FIRE ALARM AUDIBLE VISUAL SIGNAL WALL	MOUNTED (X: H=HORN, S=SPI	EAKER)	80" AFF		DUPLEX RECEPTACLE - 20
/E ALL EXISTING ELECTRICAL DEVICES AND THEIR ASSOCIATED IGINATION. ENERGIZE ALL EXISTING DEVICES THAT WERE E CIRCUITS ARE REMOVED, TURN THE CIRCUIT BREAKER OFF		FIRE ALARM AUDIBLE SIGNAL WALL MOUNTE	ED (X: H=HORN, S=SPEAKER)		80" AFF	•	DUPLEX RECEPTACLE ON
CESSARY TO ACCOMMODATE ALL NEW CONSTRUCTION,	X	FIRE ALARM VISUAL SIGNAL WALL MOUNTEE	כ		80" AFF		DUPLEX RECEPTACLE GF
NG OR ELECTRICAL WORK. THE CONTRACTOR SHALL RESTORE THE AREA TO PREVIOUS EW ITEMS TO MATCH EXISTING.		FIRE ALARM AUDIBLE VISUAL SIGNAL CEILIN	IG MOUNTED (X: H=HORN, S=	SPEAKER)			DUPLEX RECEPTACLE GF
OR LIGHT FIXTURE TO REMAIN AS CIRCUITED AND SWITCHED URES SHALL BE CLEANED AND REPAIRED AS REQUIRED.		FIRE ALARM AUDIBLE SIGNAL CEILING MOUN	NTED (X: H=HORN, S=SPEAKE	R)			
TO BE REMOVED INCLUDING ALL ASSOCIATED CONDUIT AND TO BE RELOCATED INCLUDING ALL ASSOCIATED CONDUIT AND	XCLG	FIRE ALARM VISUAL SIGNAL CEILING MOUNT	TED			⊖ ⊕ _H	DUPLEX RECEPTACLE MC
IRING ASSOCIATED WITH DEVICES AND EQUIPMENT TO BE	FS	FIRE ALARM SPRINKLER FLOW SWITCH				⊖ _{WP}	"WEATHERPROOF-WHILE-
HERWISE. PROVIDE AND INSTALL ALL NECESSARY DEVICES, NTAIN SERVICE TO ALL "EXISTING TO REMAIN" DEVICES AND EMOLITION.	TS	FIRE ALARM SPRINKLER TAMPER SWITCH				•	DUPLEX RECEPTACLE MC
ENDERTON. ENT IS DEMOLISHED, REMOVE ALL RELATED ELECTRICAL FEEDS UITS BACK TO THE POINT OF ORIGINATION.	PS	FIRE ALARM SPRINKLER PRESSURE SWITCH	1			●	DUPLEX RECEPTACLE MC
ERE CEILING IS DEMOLISHED. REMOVE ALL LIGHTING FIXTURES SE LOCATIONS. HALL BE HOSPITAL GRADE TYPE. IF A DEVICE IS INDICATED AS	Ŷ	SMOKE DETECTOR WALL MOUNTED			9" BFC		(TWO DUPLEX RECEPTAC QUADRAPLEX RECEPTAC
DE RECEPTACLE, REPLACE THE EXISTING DEVICE WITH A TO EXISTING CIRCUIT.	0	SMOKE DETECTOR CEILING MOUNTED				⊕	(TWO DUPLEX RECEPTAC QUADRAPLEX RECEPTAC
E DRAWINGS SHALL BE RETURNED TO THE OWNER.	® _P	PATIENT ROOM SMOKE DETECTOR				₩	(TWO DUPLEX RECEPTAC QUADRAPLEX RECEPTAC
	⊘=⊐	DUCT SMOKE DETECTOR				•	(TWO DUPLEX RECEPTAC
GN. THESE DRAWINGS ARE INTENDED TO SHOW	FSD 🛨	FIRE AND SMOKE DAMPER				•	EMERGENCY SPECIAL PU
OF FIRE ALARM DEVICES AS THEY RELATE TO R PERMITTING PURPOSES. THE FINAL FIRE	Ŷ	HEAT DETECTOR WALL MOUNTED			9" BFC	8	SPECIAL PURPOSE RECE
PPROVAL SHALL BE PRODUCED AND SEALED BY TER TO THE SPECIFICATIONS (PROJECT MANUAL)	6	HEAT DETECTOR CEILING MOUNTED					FLOOR MOUNTED RECEP
IER SHALL PROVIDE ALL DEVICES SHOWN ON VICES OR COMPONENTS REQUIRED FOR A ANTICIPATED TO BE REQUIRED FOR SYSTEM	맨	ELECTRO-MAGNETIC DOOR HOLDER			AS REQUIRED	- \$ -	CEILING MOUNTED RECEI
AL AND LOCAL CODES OR APPROVAL OF THE IR BID AND SHALL PROVIDE AN ADD ALTERNATE	M	ELECTRO-MAGNETIC SMOKE DOOR HOLDER POWER PROVIDED BY FIRE ALARM WIRING	R (INTERFACED WITH FIRE AL/	ARM SYSTEM. DC	AS REQUIRED		JUNCTION BOX - SIZE & M
CIPATED ADDITIONAL REQUIREMENTS.	ନ	FIRE ALARM BELL			108" AFF		POWER POLE
I8 IFC	MM	MONITOR MODULE			AS REQUIRED		PLUGMOLD
17 NFPA 70 (NEC)	FACP	FIRE ALARM CONTROL PANEL			AS REQUIRED		DISCONNECT SWITCH (X=
PE 1A - FULLY SPRINKLERED	FAAP	FIRE ALARM ANNUNCIATOR PANEL			AS REQUIRED	4 x/-/z	DISCONNECT SWITCH NO
PE II	FPAP	FIRE PUMP ANNUNCIATOR PANEL			AS REQUIRED		ENCLOSED CIRCUIT BREA
	FCP	FIREFIGHTER'S CONTROL PANEL			AS REQUIRED		MOTOR STARTER FVNR U
SN CRITERIA	NAC	NOTIFICATION APPLIANCE CIRCUIT FOUR CIRCUIT FIRE ALARM INDICATING CIRC	CUIT POWER EXTENDER		AS REQUIRED	СВЧ⊠	
	FP	TELEPHONE JACK FOR FIREMAN'S PHONE (E		R)	48" AFF	\$ _M	
SUMMIT, MO	FPH	WARDEN STATION TELEPHONE FOR FIREMA (BY FIRE ALARM CONTRACTOR)	N'S PERMANENT HANDSET		48" AFF	<u>수</u>	
						<u> </u>	
NTERNATIONAL BUILDING CODE NTERNATIONAL MECHANICAL CODE							CIRCUIT HOMERUN TO PA CONDUIT INSTALLED IN C
NTERNATIONAL PLUMBING CODE NTERNATIONAL FIRE CODE IATIONAL ELECTRICAL CODE		ONE-LINE DI	AGRAM & RISER			X.X.X	THREE SINGLE POLE DEV
8° DEGREES NORTH		SYMBO				 X.X.X	ADDITIONAL INFORMATIO
	ŶŶ	• AUTOMATIC / MANUAL TRANSFER SWITCH -	LI	AUTOMATIC / MANU/			ADDITIONAL INFORMATIO
		PROGRAMMED OR DELAYED TRANSITION		TRANSFER SWITCH BYPASS ISOLATION			480Y/277V PANELBOARD
							208Y/120V DISTRIBUTION
		I DISCONNECT		FEEDER TAG. REFE			480Y/277V DISTRIBUTION
MH MANHOLE MLO MAIN LUGS ONLY		AMPS / FUSE / POLES	AAAA BBBB	SCHEDULE FOR NU SIZE OF CONDUCT CONDUIT. A-ALUMI	ORS AND		ISOLATION PANEL
MTD MOUNT OR MOUNTED MW MICROWAVE							
N NEW DEVICE NC (N.C.) NORMALLY CLOSED NEC NATIONAL ELECTRIC CODE		MOTOR XX = HORSE POWER	Ť	GROUNDING ELECT	RODE		SWITCHBOARD
NF NONFUSED NIC NOT IN CONTRACT						Т	STEP-DOWN TRANSFORM
NL NIGHT LIGHT NO (N.O.) NORMALLY OPEN PB PULL BOX		BRANCH PANEL	T-XXX XXkVA	TRANSFORMER			
PLGMLD PLUGMOLD PNL PANEL	XXX	XXX = PANEL NAME					AUTOMATIC TRANSFER S
PWRPOWERRRELOCATED DEVICERCPT(S) ORRECEPTACLE(S)			<u> </u>				BY-PASS / ISOLATION AUT
RECEPT REF REFRIGERATOR	o.) AT CIRCUIT BREAKER					GROUND BAR
RFRETURN AIR FANSEFSMOKE EXHAUST FANSFSUPPLY AIR FAN		AT = TRIP RATING		DRAW OUT		PG	PATIENT GROUND BAR
SP SUPPLY AIR PAIN SO (S.O.) SPACE ONLY SP SPARE	LSIG	ELECTRONIC TRIP FUNCTIONS ONG TIME SETTING		CIRCUIT BREAKER		BAS	BUILDING AUTOMATION S
ST (S.T.) SHUNT TRIP SW SWITCH TEL TELEPHONE	S = S I = IN	SHORT TIME SETTING ISTANTANEOUS SETTING		AF = FRAME SIZE			
TF TRANSFER FAN TP TAMPER PROOF	A = I	GROUND FAULT SETTING NDICATION GROUN FAULT (GROUND FAULT ALARM ONLY)					
TV TELEVISION TVSS TRANSIENT VOLTAGE SURGE SUPPRESSION		, ,					
UF UDERFLOOR UG UNDERGROUND	0-1				-		
THE UNIT HEATER UNO (U.N.O.) UNLESS NOTED OR INDICATED		AL NOTATIONS AND MOUNTI			_		
V VOLTAGE VFD VARIABLE FREQUENCY DRIVE	A) 48" AFF B) 15" AFF	INDICATES TO TOP OF DEVICE; INDICATES TO BOTTOM OF DEVICE;	. J. JENGE, UNLEGO UTHER				
VP VAPOR PROOF VV VARIABLE VOLUME UNIT W WIRE		INDICATES TO BOTTOM OF DEVICE; INDICATES TO BOTTOM OF DEVICE;					
W/ WITH WG WIRE GUARD		NFIRM ALL BACKBOX SIZE WITH VENDOR SHO LEGEND NOTES: DENOTES "SEE LEGEND NO		CTRICAL ROUGH-IN.			
WPWEATHER PROOFWTWATER TIGHTXFMRTRANSFORMER MOUNTING	<u> </u>	EQUIPMENT (ID) NUMBER FOR FOOD SERVIC		OOD SERVICE DOCUMEN	s		
+xx HEIGHT IN INCHES. AFF UNO. UCR UNCER CABINET REFRIGERATOR	02/E7.01 ·	FOR DEFINITION AND REQUIREMENTS.	ING (SHEET) E7 01				
	<u>E5.01</u> 02		, , , , , , , , , , , , , , , , , , ,				
	 (717620)	DENOTES: REFERENCE ENLARGED DETAIL P	PLAN 02 ON DRAWING (SHEET) E5.01			

EQUIPMENT (ID) NUMBER FOR OWNER PROVIDED EQUIPMENT. REFER TO OWNER'S EQUIPMENT

BOOK / FF&E DOCUMENTS FOR DEFINITION AND REQUIREMENTS.

LIGHTNING PROTECTION SYSTEM IS A DELEGATED DESIGN. THESE DRAWINGS DO NOT

INDICATE SYSTEM REQUIREMENTS. REFER TO THE SPECIFICATIONS (PROJECT MANUAL)

FOR SYSTEM REQUIREMENTS. THESE DRAWINGS ARE INTENDED TO SHOW LOCATIONS OF

EQUIPMENT FOR WHICH LIGHTNING PROTECTION WILL NEED TO COORDINATE WITH. THE

(75'<X) ||

DESIGNER SHALL PROVIDE ANY AND ALL DEVICES FOR A COMPLETE SYSTEM. PROVIDE

PLANS TO BE SUBMITTED FOR AHJ APPROVAL SHALL BE PRODUCED BY A QUALIFIED

717629

LIGHTNING PROTECTION

INDIVIDUAL OR FIRM.

NFPA CLASS COMPONENTS:

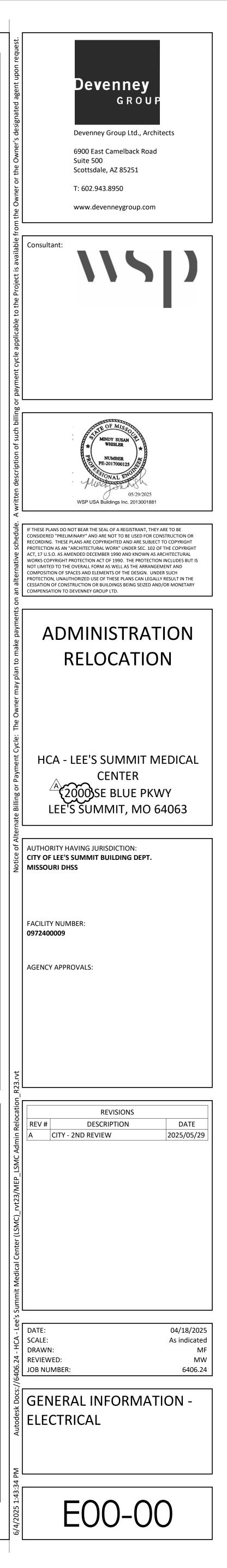
POWER SYMBOLS LEGEND	IOT BE TO SCALE
DESCRIPTION	MNTG. HT. UNO
SINGLE RECEPTACLE - 20A/125V/2P/3W/G NEMA 5-20R	18" AFF
DUPLEX RECEPTACLE - 20A/125V/2P/3W/G NEMA 5-20R	18" AFF
DUPLEX RECEPTACLE ON EMERGENCY CIRCUIT	18" AFF
DUPLEX RECEPTACLE GFCI - 20A/125V/2P/3W/G NEMA 5-20R	18" AFF
DUPLEX RECEPTACLE GFCI ABOVE COUNTERTOP - 20A/125V/2P/3W/G NEMA 5-20R	8" AFC OR 42" AFF
EMEREGENCY DUPLEX RECEPTACLE GFCI - 20A/125V/2P/3W/G NEMA 5-20R	18" AFF
DUPLEX RECEPTACLE MOUNTED HORIZONTALLY	18" AFF
DUPLEX RECEPTACLE, GFCI, TAMPER RESISTANT, WEATHER RESISTANT, HOUSED IN A "WEATHERPROOF-WHILE-IN-USE" ENCLOSURE - 20A/125V/2P/3W/G NEMA 5-20R	18" AFF
DUPLEX RECEPTACLE MOUNTED ABOVE COUNTERTOP	8" AFC OR 42" AFF
DUPLEX RECEPTACLE MOUNTED ABOVE COUNTERTOP ON EMERGENCY CIRCUIT	8" AFC OR 42" AFF
QUADRAPLEX RECEPTACLE (TWO DUPLEX RECEPTACLES UNDER ONE COVERPLATE)	18" AFF
QUADRAPLEX RECEPTACLE ON EMERGENCY CIRCUIT (TWO DUPLEX RECEPTACLES UNDER ONE COVERPLATE)	18" AFF
QUADRAPLEX RECEPTACLE MOUNTED ABOVE COUNTERTOP	8" AFC OR
(TWO DUPLEX RECEPTACLES UNDER ONE COVERPLATE) QUADRAPLEX RECEPTACLE MOUNTED ABOVE COUNTERTOP ON EMERGENCY CIRCUIT	42" AFF 8" AFC OR
(TWO DUPLEX RECEPTACLES UNDER ONE COVERPLATE) EMERGENCY SPECIAL PURPOSE RECEPTACLE (NEMA NO. AS INDICATED)	42" AFF 18" AFF
SPECIAL PURPOSE RECEPTACLE (NEMA NO. AS INDICATED)	18" AFF
FLOOR MOUNTED RECEPTACLE IN FLOOR BOX OR POKE-THRU DEVICE - FLUSH MOUNTED, UNO	FLUSH W/ FLR
	SURFACE FLUSH W/ CLG
JUNCTION BOX - SIZE & MOUNTING AS REQUIRED	AS REQUIRED
POWER POLE	
	AS REQUIRED
DISCONNECT SWITCH (X=FRAME SIZE, Y=FUSE SIZE, Z=NUMBER OF POLES)	AS REQUIRED
DISCONNECT SWITCH NON-FUSED (X=FRAME SIZE, Z=NUMBER OF POLES)	AS REQUIRED
ENCLOSED CIRCUIT BREAKER (X=TRIP RATING, Z=NUMBER OF POLES)	AS REQUIRED
MOTOR STARTER FVNR UNO (#=NEMA SIZE)	AS REQUIRED
COMBINATION MOTOR CONTROLLER / DISCONNECT SWITCH	AS REQUIRED
MANUAL MOTOR STARTER SWITCH WITH THERMAL OVERLOAD AND PILOT LIGHT	AS REQUIRED
EMERGENCY POWER OFF BUTTON - WALL MOUNTED	AS REQUIRED
CIRCUIT CONDUCTOR INDICATION (EQUIPMENT GROUND, NEUTRAL, PHASE)	
CIRCUIT HOMERUN TO PANELBOARD (2#12, 1#12G, 3/4"C. 20A/1P CB UNO)	
CONDUIT INSTALLED IN CEILING SPACE OF FLOOR BELOW.	
THREE SINGLE POLE DEVICE CIRCUIT NUMBERS. REFER TO PANEL SCHEDULES FOR ADDITIONAL INFORMATION.	
MULTI-POLE DEVICE CIRCUIT NUMBERS. REFER TO PANEL SCHEDULES FOR ADDITIONAL INFORMATION.	
208Y/120V PANELBOARD	
480Y/277V PANELBOARD	
208Y/120V DISTRIBUTION PANELBOARD	
480Y/277V DISTRIBUTION PANELBOARD	
ISOLATION PANEL	
SWITCHBOARD	
STEP-DOWN TRANSFORMER	
AUTOMATIC TRANSFER SWITCH	
BY-PASS / ISOLATION AUTOMATIC TRANSFER SWITCH	
GROUND BAR	
PATIENT GROUND BAR	

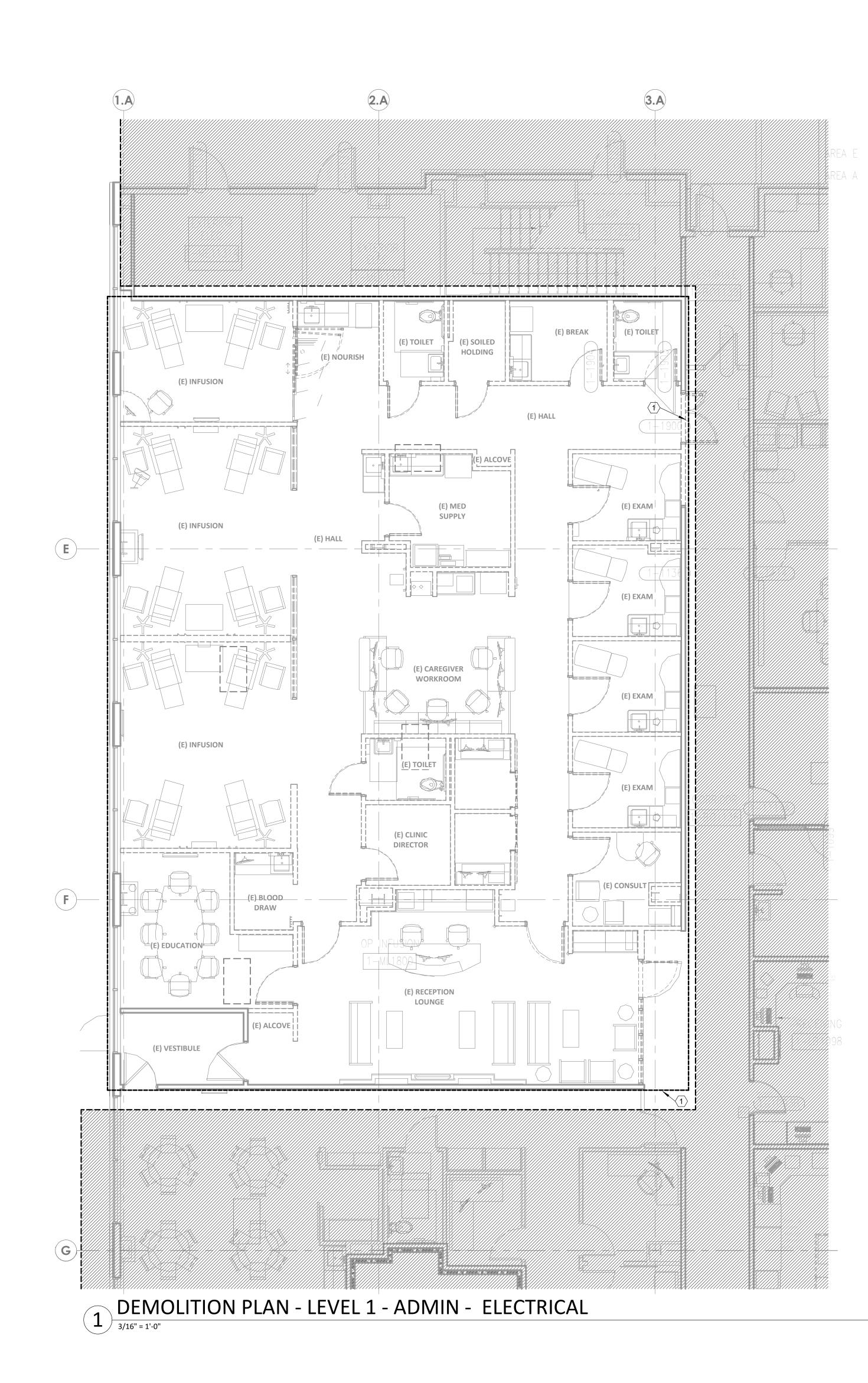
	LIGHTING SYMBOLS LEGEND	
	SHOWN MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY N	OT BE TO SCALE. MNTG. HT. UNO
SYMBOL	DESCRIPTION	(SEE NOTE 1) SEE FIXTURE
	2'x4' LIGHT FIXTURE ON NORMAL CIRCUIT.	SCHEDULE SEE FIXTURE
	2'x4' LIGHT FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY SYSTEM.	SCHEDULE
	2'x4' LIGHT FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SEE FIXTURE SCHEDULE
	2'x4' LIGHT FIXTURE WITH BI-LEVEL SWITCHING. PROVIDE DUAL BALLAST/DRIVERS. BOTH BALLAST/DRIVERS ON NORMAL CIRCUIT.	SEE FIXTURE SCHEDULE
	2'x4' LIGHT FIXTURE WITH BI-LEVEL SWITCHING. PROVIDE DUAL BALLAST/DRIVERS. ONE BALLAST/DRIVER ON NORMAL CIRCUIT AND ONE BALLAST/DRIVER ON LIFE SAFETY CIRCUIT	SEE FIXTURE SCHEDULE
	2'x4' LIGHT FIXTURE WITH BI-LEVEL SWITCHING. PROVIDE DUAL BALLAST/DRIVERS. ONE BALLAST/DRIVER ON NORMAL CIRCUIT AND ONE BALLAST/DRIVER ON CRITICAL CIRCUIT	SEE FIXTURE SCHEDULE
	2'x2' LIGHT FIXTURE ON NORMAL CIRCUIT.	SEE FIXTURE SCHEDULE
	2'x2' LIGHT FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY SYSTEM.	SEE FIXTURE SCHEDULE
	2'x2' LIGHT FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SEE FIXTURE SCHEDULE
\square	2'x2' LIGHT FIXTURE WITH BI-LEVEL SWITCHING. PROVIDE DUAL BALLAST/DRIVERS. BOTH BALLAST/DRIVERS ON NORMAL CIRCUIT.	SEE FIXTURE SCHEDULE
	2'x2' LIGHT FIXTURE WITH BI-LEVEL SWITCHING. PROVIDE DUAL BALLAST/DRIVERS. ONE BALLAST/DRIVER ON NORMAL CIRCUIT AND ONE BALLAST/DRIVER ON LIFE SAFETY CIRCUIT	SEE FIXTURE SCHEDULE
	2'x2' LIGHT FIXTURE WITH BI-LEVEL SWITCHING. PROVIDE DUAL BALLAST/DRIVERS. ONE BALLAST/DRIVER ON NORMAL CIRCUIT AND ONE BALLAST/DRIVER ON CRITICAL CIRCUIT	SEE FIXTURE SCHEDULE
	WALL MOUNTED LINEAR FIXTURE ON NORMAL CIRCUIT.	SEE FIXTURE SCHEDULE
	WALL MOUNTED LINEAR FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY SYSTEM.	SEE FIXTURE SCHEDULE
	WALL MOUNTED LINEAR FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM	SEE FIXTURE
	RECESSED/SURFACE MOUNTED LINEAR FIXTURE ON NORMAL CIRCUIT.	SCHEDULE SEE NOTE 2
V/////////////////////////////////////	RECESSED/SURFACE MOUNTED LINEAR FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY SYSTEM.	SEE NOTE 2
×××××××××××	RECESSED/SURFACE MOUNTED LINEAR FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SEE NOTE 2
0 🗆	RECESSED/SURFACE DOWNLIGHT FIXTURE ON NORMAL CIRCUIT.	SEE NOTE 2
0 0	RECESSED/SURFACE DOWNLIGHT FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY SYSTEM.	SEE NOTE 2
\otimes	RECESSED/SURFACE DOWNLIGHT FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SEE NOTE 2
Ϋ́	WALL MOUNTED FIXTURE ON NORMAL CIRCUIT.	SEE FIXTURE SCHEDULE
Ø₽	WALL MOUNTED FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY SYSTEM.	SEE FIXTURE SCHEDULE
፼ ፼	WALL MOUNTED FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SEE FIXTURE SCHEDULE
	RECESSED DOWNLIGHT FIXTURE WITH WALL WASH ON NORMAL CIRCUIT.	SEE NOTE 2
	RECESSED DOWNLIGHT FIXTURE WITH WALL WASH ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY SYSTEM.	SEE NOTE 2
	RECESSED DOWNLIGHT FIXTURE WITH WALL WASH ON CRITICAL CIRCUIT OR NON- ESSENTIAL STANDBY SYSTEM.	SEE NOTE 2
	HANGING RECTANGULAR PENDANT FIXTURE ON NORMAL CIRCUIT.	SEE NOTE 3
	HANGING RECTANGULAR PENDANT FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY SYSTEM.	SEE NOTE 3
	HANGING RECTANGULAR PENDANT FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SEE NOTE 3
\bigcirc	HANGING CIRCULAR PENDANT FIXTURE ON NORMAL CIRCUIT.	SEE NOTE 3
	HANGING CIRCULAR PENDANT FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY SYSTEM.	SEE NOTE 3
Ő	HANGING CIRCULAR PENDANT FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SEE NOTE 3
	EMERGENCY LIGHTING UNIT. WALL MOUNTED BATTERY-POWERED LIGHTING. CONNECT TO NORMAL CIRCUIT IN AREA SERVED	SEE FIXTURE SCHEDULE
⊗≅₫	CEILING MOUNTED EXIT SIGN. SHADING INDICATES DOUBLE OR SINGLE FACE. ARROW INDICATES CHEVRON DIRECTIONS.	SEE FIXTURE SCHEDULE
፼ t ፼ t ፼ t	END MOUNTED EXIT SIGN. SHADING INDICATES DOUBLE OR SINGLE FACE. ARROW INDICATES CHEVRON DIRECTIONS.	SEE FIXTURE SCHEDULE
× + +	WALL MOUNTED EXIT SIGN. SHADING INDICATES DOUBLE OR SINGLE FACE. ARROW	SEE FIXTURE
	INDICATES CHEVRON DIRECTIONS. WALL PACK LIGHT FIXTURE ON NORMAL CIRCUIT.	SCHEDULE SEE FIXTURE
	WALL PACK LIGHT FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY	SCHEDULE SEE FIXTURE
	SYSTEM. WALL PACK LIGHT FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SCHEDULE SEE FIXTURE
 	BOLLARD LIGHT FIXTURE ON NORMAL CIRCUIT.	SCHEDULE SEE FIXTURE
	BOLLARD LIGHT FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY	SCHEDULE SEE FIXTURE
 	SYSTEM. BOLLARD LIGHT FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SCHEDULE SEE FIXTURE
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	EXTERIOR LIGHT POLE FIXTURE ON NORMAL CIRCUIT.	SCHEDULE SEE FIXTURE
- × -×	EXTERIOR LIGHT POLE FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED	SCHEDULE SEE FIXTURE
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	STANDBY SYSTEM. EXTERIOR LIGHT POLE FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY	SCHEDULE SEE FIXTURE
1	SYSTEM. SPOT/FLOOD LIGHT FIXTURE.	SCHEDULE SEE FIXTURE
LIGHTING NOT	<u>ES:</u>	SCHEDULE
1. REFFR TO	D LIGHT FIXTURE SCHEDULE FOR SPECIFIC FIXTURE INFORMATION.	

REFER TO LIGHT FIXTURE SCHEDULE FOR SPECIFIC FIXTURE INFORMATION.

REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR MOUNTING HEIGHTS. IT IS THE INTENT, UNLESS NOTED OTHERWISE, THAT SURFACE AND RECESSED FIXTURES ARE TO BE MOUNTED AT ARCHITECTS CEILING PLANE. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS AND ELEVATIONS FOR MOUNTING HEIGHTS OF PENDANT FIXTURES. REFER TO LIGHTING FIXTURE SCHEDULE FOR PENDANT MATERIAL.

LL SYMBOLS	SHOWN MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY N	OT BE TO SCAL
SYMBOL	DESCRIPTION	MNTG. HT. UN (SEE NOTE 1
*	# IN DIAMOND REFERS TO LIGHTING CONTROLS REQUIREMENTS AND SEQUENCE OF OPERATIONS SCHEDULE.	
\$	WALL SWITCH SPST, 20A, 120/277V	48" AFF
\$3	3-WAY WALL SWITCH, 20A, 120/277V	48" AFF
\$ _D	WALL DIMMER SWITCH, 20A, 120/277V	48" AFF
\$ _{3D}	3-WAY WALL DIMMER SWITCH, 20A, 120/277V	48" AFF
\$ ₀	OCCUPANCY SENSOR WALL SWITCH, 20A, 120/277V, AUTO 'ON' TO 100%, AUTO 'OFF'	48" AFF
\$ _{OSBI,D}	BI-LEVEL OCCUPANCY SENSOR DIMMING WALL SWITCH, 20A, 120/277V, AUTO 'ON' TO 50%, MANUAL 'ON' TO 100%, AUTO 'OFF', WITH RAISE/LOWER	48" AFF
1	1 ZONE, LOW VOLTAGE SWITCH, ON/OFF	48" AFF
<u>1D</u>	1 ZONE, LOW VOLTAGE DIMMING SWITCH, ON/OFF WITH RAISE/LOWER BUTTONS	48" AFF
2	2 ZONE, LOW VOLTAGE SWITCH, SEPARATE ON/OFF BUTTONS FOR EACH ZONE	48" AFF
2D	2 ZONE, LOW VOLTAGE DIMMING SWITCH, ON/OFF WITH RAISE/LOWER BUTTONS, SEPARATE BUTTONS PROVIDED FOR EACH ZONE	48" AFF
INDICATE 2. ANY SING LIGHTING) ARCHITECTURAL DRAWINGS FOR TYPICAL MOUNTING HEIGHTS. WHERE MOUNTING HEIGHT I D BY ARCHITECT, PROVIDE AT 48" AFF. LE LOW VOLTAGE WALL STATION CONTROLLING BOTH A NORMAL LIGHTING CIRCUIT AND EME CIRCUIT SHALL BE PROVIDED WITH DIFFERENT COLOR BUTTONS (NORMAL - WHITE, EMERGEN) SPECIFICATIONS FOR MORE INFORMATION.	RGENCY

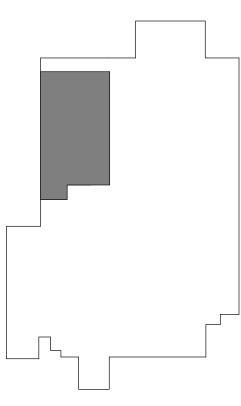


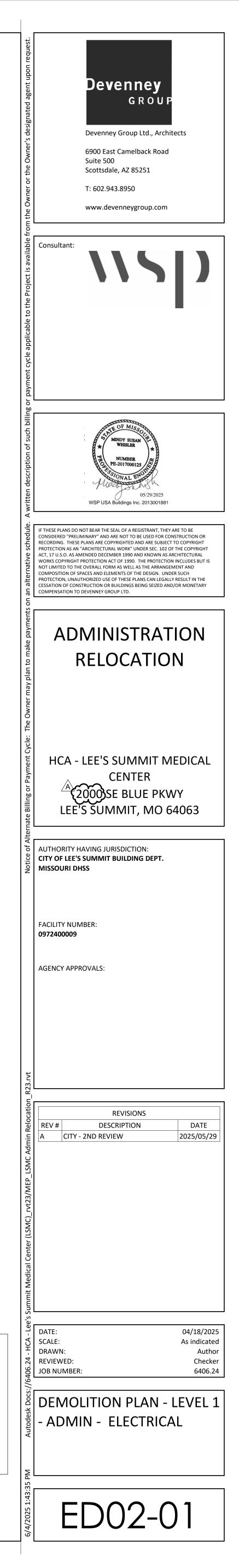


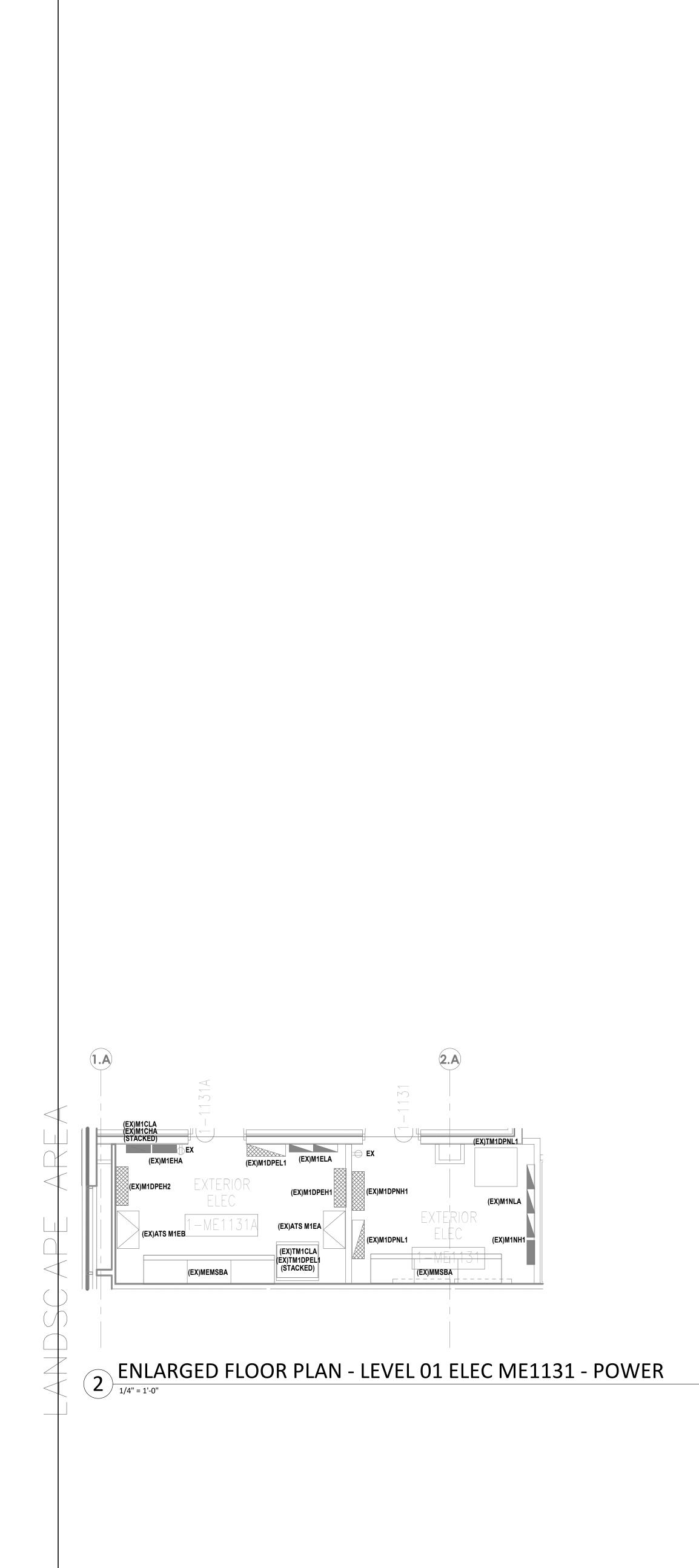
GENERAL DEMO NOTES

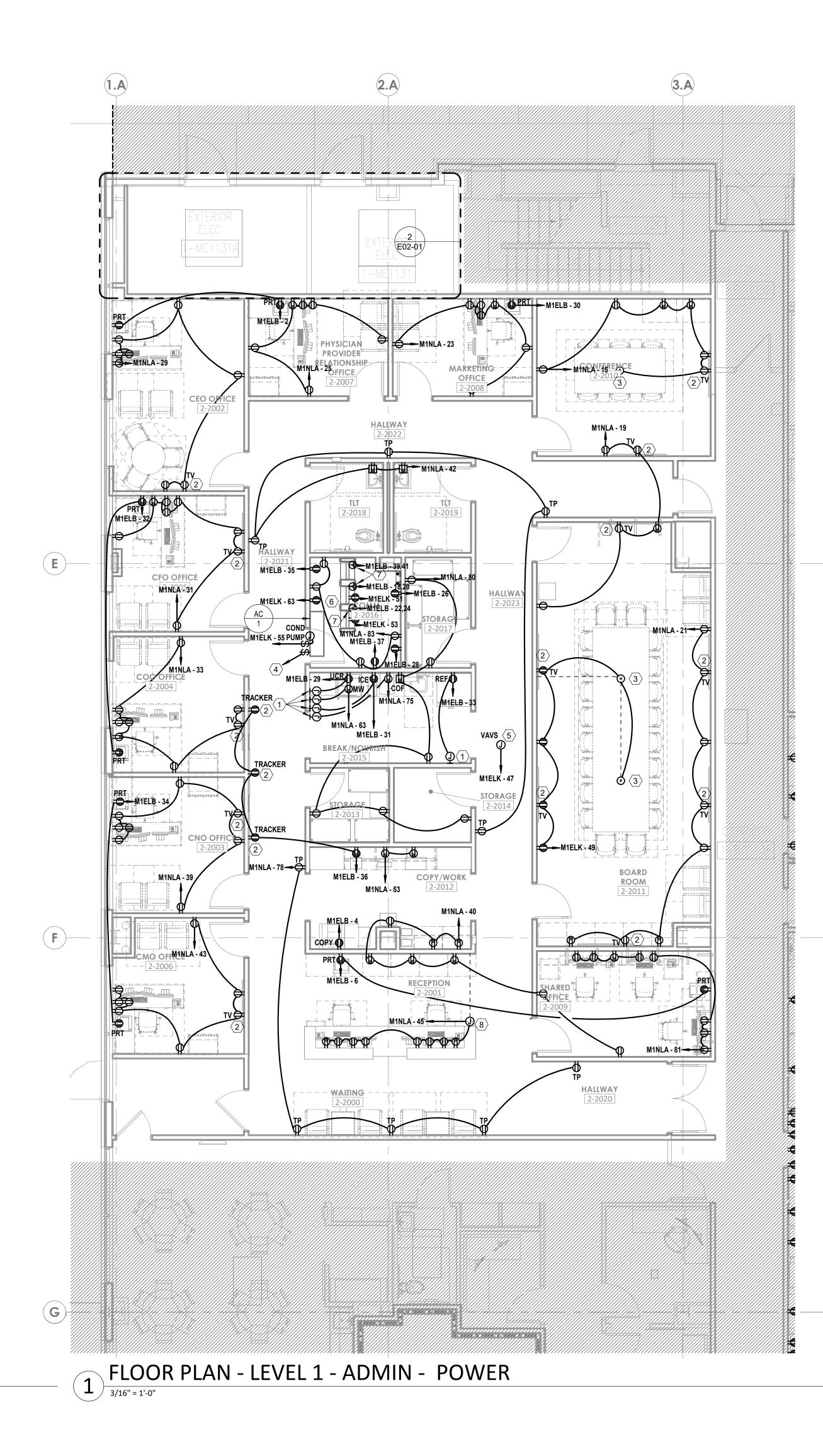
- A. REFER TO AND COORDINATE WITH THE ARCHITECTURAL PLANS, ELEVATIONS, AND DETAILS FOR DEMOLITION REQUIREMENTS
 B. REFER TO E00-00 FOR ADDITIONAL DEMOLITION NOTES
 C. WHERE WALLS ARE BEING DEMOLISHED DOWN TO STUDS, REMOVE ALL ELECTRICAL
- WHERE WALLS ARE BEING DEMOLISHED DOWN TO STUDS, REMOVE ALL ELECTRICAL DEVICES AND ASSOCIATED CONDUIT AND CONDUCTORS CONTAINED THEREIN UNLESS NOTED OTHERWISE.
- D. WHERE ENTIRE CIRCUIT IS REMOVED, CIRCUIT SHALL BE DEMOLISHED BACK TO POINT OF ORIGINIATION, TURN THE CIRCUIT BREAKER OFF AND LABEL AS "SPARE".
 E. ENERGIZE ALL EXISTING DEVICES THAT WERE INTERRUPTED DURING DEMOLITION.
 F. WHERE REMOVAL OF DEVICES AND ASSOCIATED CONDUIT AND CONDUCTORS EFFECTS OTHER DEVICES, RECONNECT OR PROVIDE NEW CONDUIT AND CONDUCTORS AS REQUIRED TO ASSURE THAT DEVICES IN ADJACENT AREAS AFFECTED BY THE









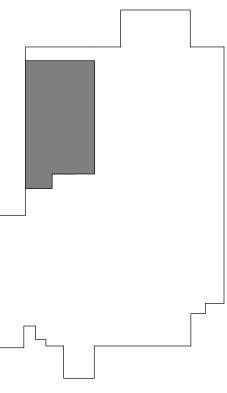


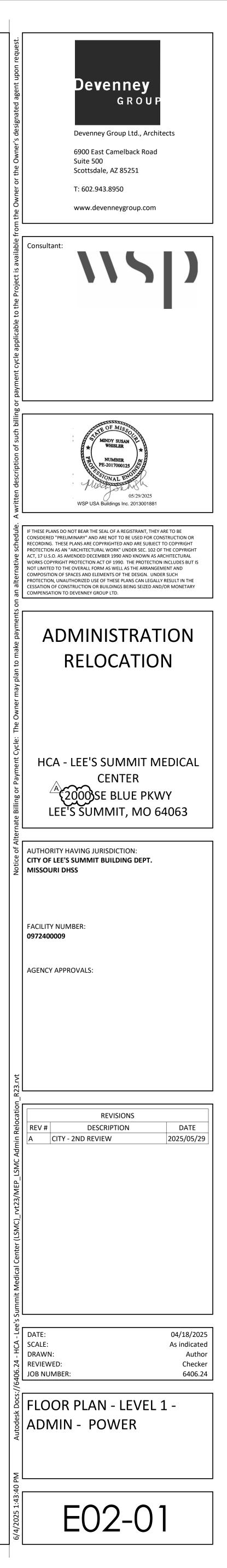


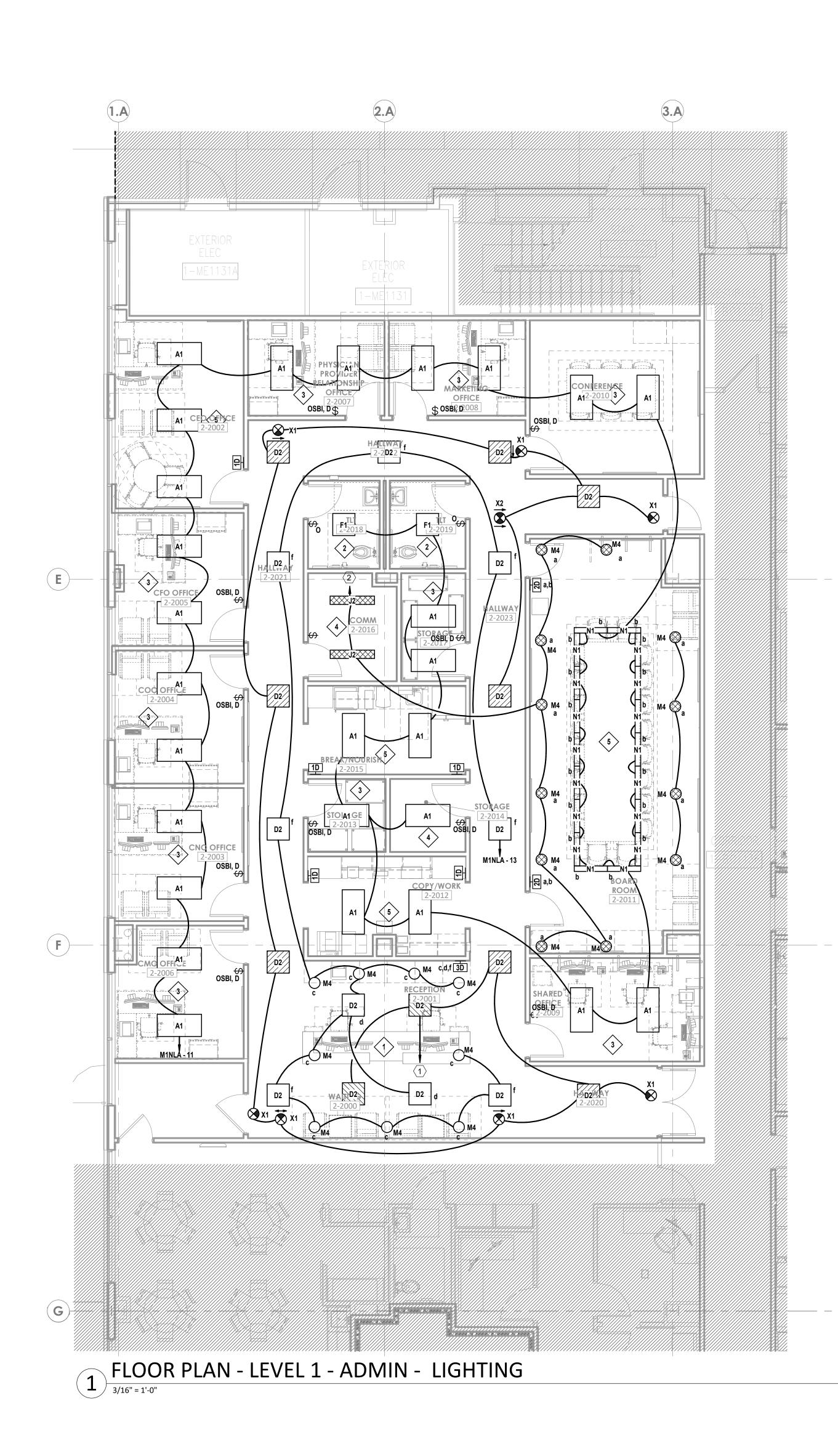
- A. REFER TO SHEET E00-00 FOR ELECTRICAL SYMBOLS APPEARING ON THIS SHEET AND ADDITIONAL GENERAL NOTES
 B. REFER TO SHEET E08 SERIES FOR FEEDER AND PANELBOARD SCHEDULES.
- B. REFER TO SHEET E08 SERIES FOR FEEDER AND PANELBOARD SCHEDULES.
 C. REFER TO AND COORDINATE WITH THE ARCHITECTURAL PLANS, ELEVATIONS, EQUIPMENT VENDOR DRAWINGS AND DETAILS FOR EXACT LOCATIONS AND MOUNTING
- HEIGHTS OF ALL WIRING DEVICES D. COORDINATE EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT, INCLUDING BUT NOT
- LIMITED TO: SMOKE DAMPERS, FIRE/SMOKE DAMPERS, VAV BOXES, FCU'S, ETC. WITH MECHANICAL DRAWINGS AND DIVISION 23 CONTRACTOR
 E. COORDINATE LOCATIONS OF ALL DISCONNECTS, CONTROL PANELS, AND ELECTRICAL CONNECTIONS FOR MECHANICAL AND PLUMBING EQUIPMENT TO MAINTAIN NEC REQUIRED CLEARANCES.

IEGEND NOTES

- PROVIDE BLANK FACE (FACELESS) GFCI IN A READILY ACCESSIBLE LOCATION FOR RECEPTACLE INDICATED LABEL PER DEVICE INDICATED ON DRAWINGS. REFER TO DETAIL 01/E07-01 FOR MORE INFORMATION.
 DEVICE(S) TO BE LOCATED IN TV BACK-BOX; REFER TO TECHNOLOGY DRAWINGS FOR
- DEVICE(S) TO BE LOCATED IN TV BACK-BOX; REFER TO TECHNOLOGY DRAWINGS FOR SPECIFICATION AND DETAILS. COORDINATE EXACT LOCATION WITH MONITOR/ TV MOUNTING BRACKET. REFER TO ARCHITECTURAL DRAWINGS AND ELEVATIONS FOR BRACKET MOUNTING HEIGHT AND EXACT LOCATIONS PRIOR TO ROUGH-IN.
 PROVIDE FLUSH. POUR-IN-PLACE FLOOR BOX EQUAL TO LEGRAND #REBA4C300G WITH
- AND (2) DUPLEX RECEPTACLES. PROVIDE 1" CONDUIT FOR POWER WHEN ROUTED IN SLAB. REFER TO TECHNOLOGY FOR DATA REQUIREMENTS, INCLUDING CONDUIT SIZE(S). COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN. COORDINATE EXACT COVER FINISH WITH ARCHITECT PRIOR TO SUBMITTALS.
 INDOOR UNIT TO BE SERVED FROM OUTDOOR UNIT. REFER TO OUTDOOR UNIT FOR
- MANUFACTURER REQUIREMENTS.
 PROVIDE 120V POWER CONNECTION TO VAV'S IN THIS AREA TO EMERGENCY EQUIPMENT CIRCUIT INDICATED. PROVIDE 20A 1P SWITCH AT CONTROL TRANSFORMER(S). REFER TO MECHANICAL DRAWINGS FOR BOX LOCATIONS. MAXIMUM OF 15 TERMINAL UNITS PER CIRCUIT. QUANTITY OF VAV'S SHALL BE BALANCED BETWEEN THE CIRCUITS INDICATED IN THE SAME SMOKE ZONE. TERMINAL UNITS IN DIFFERENT SMOKE ZONES SHALL NOT BE ON THE SAME CIRCUIT.
- 6 DEVICES MOUNTED ON RACK, COORDINATE MOUNTING WITH T05-01 PRIOR TO INSTALLATION.
- 7 PROVIDE NEMA L6-30 AND 2#10, 1#10G, 3/4"C. 8 JUNCTION BOX LOCATED IN FLOOR LINDER RE
- 8 JUNCTION BOX LOCATED IN FLOOR UNDER RECEPTION ISLAND FOR ROUTING NORMAL POWER CIRCUITS INDICATED IN RECEPTION MILLWORK. ROUTE 1" CONDUIT IN FLOOR TO THE NEAREST WALL AND ABOVE ACCESSIBLE CEILING.







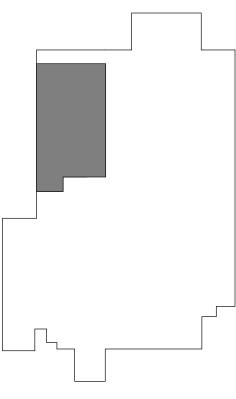
GENERAL NOTES

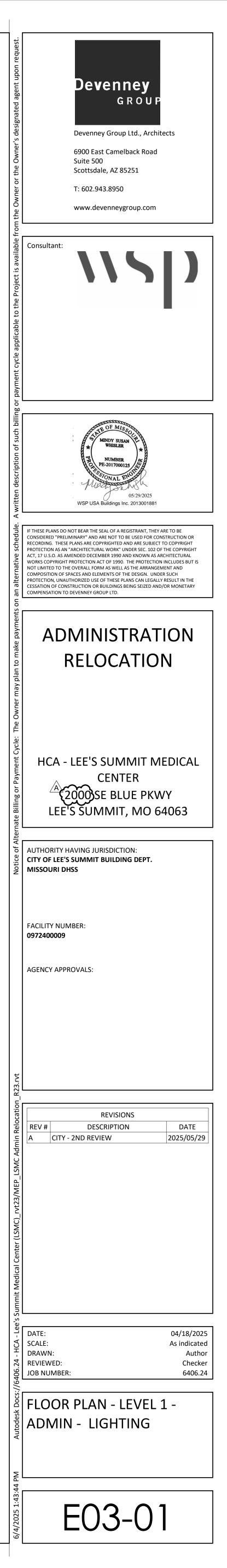
- A. REFER TO AND COORDINATE WITH ARCHITECTURAL PLANS, ELEVATIONS, EQUIPMENT VENDOR DRAWINGS AND DETAILS FOR EXACT LOCATIONS AND MOUNTING HEIGHT OF
- ALL WIRING DEVICES
 B. REFER TO SHEET E00-00 FOR ELECTRICAL SYMBOLS APPEARING ON THIS SHEET AND ADDITIONAL GENERAL NOTES.
 C. REFER TO SHEET E08-01 FOR LIGHT SCHEDULES
- D. CONTRACTORS SHALL USE FMC TRANSITIONS FROM EMT AT BUILDING EXPANSION JOINTS WHEN APPLICABLE. FMC ROUTING SHALL BE PROVIDED TO ALLOW LATERAL AND VERTICAL ADJUSTMENTS IN LINE WITH COORDINATE EXACT LOCATIONS OF EXPANSION JOINTS WITH ARCHITECTURAL DRAWINGS

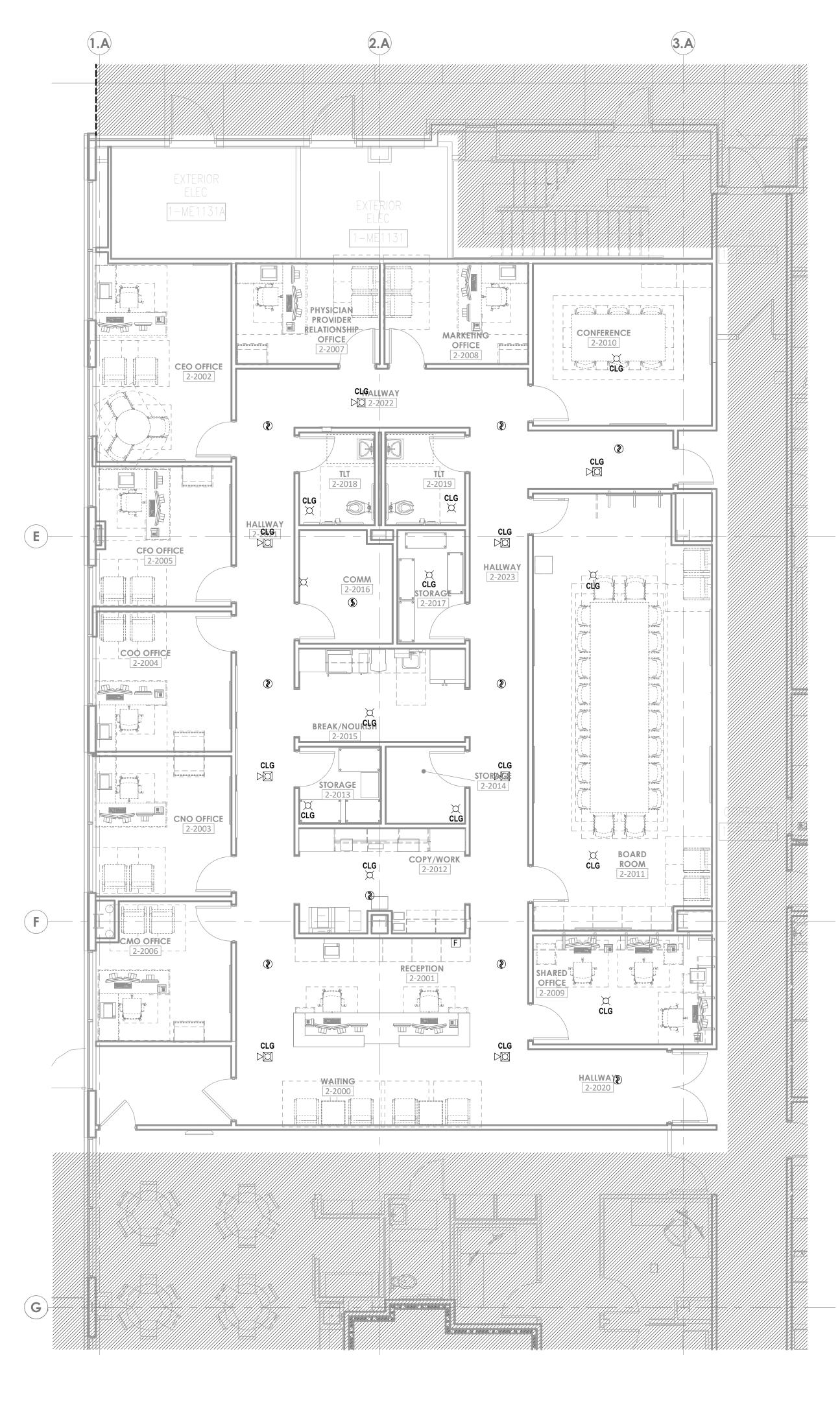
CIRCUIT ON EXISTING LIGHTING CRITICAL CIRCUIT PREVIOUSLY SERVING THIS AREA.

I LEGEND NOTES CIRCUIT ON EXISTING LIGHTING LIFE SAFETY CIRCUIT PREVIOUSLY SERVING THIS AREA.

2



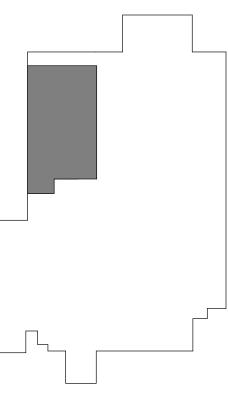


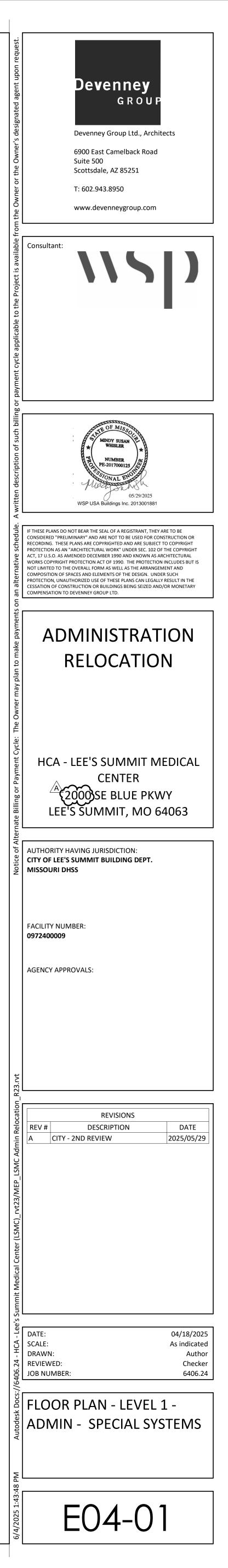


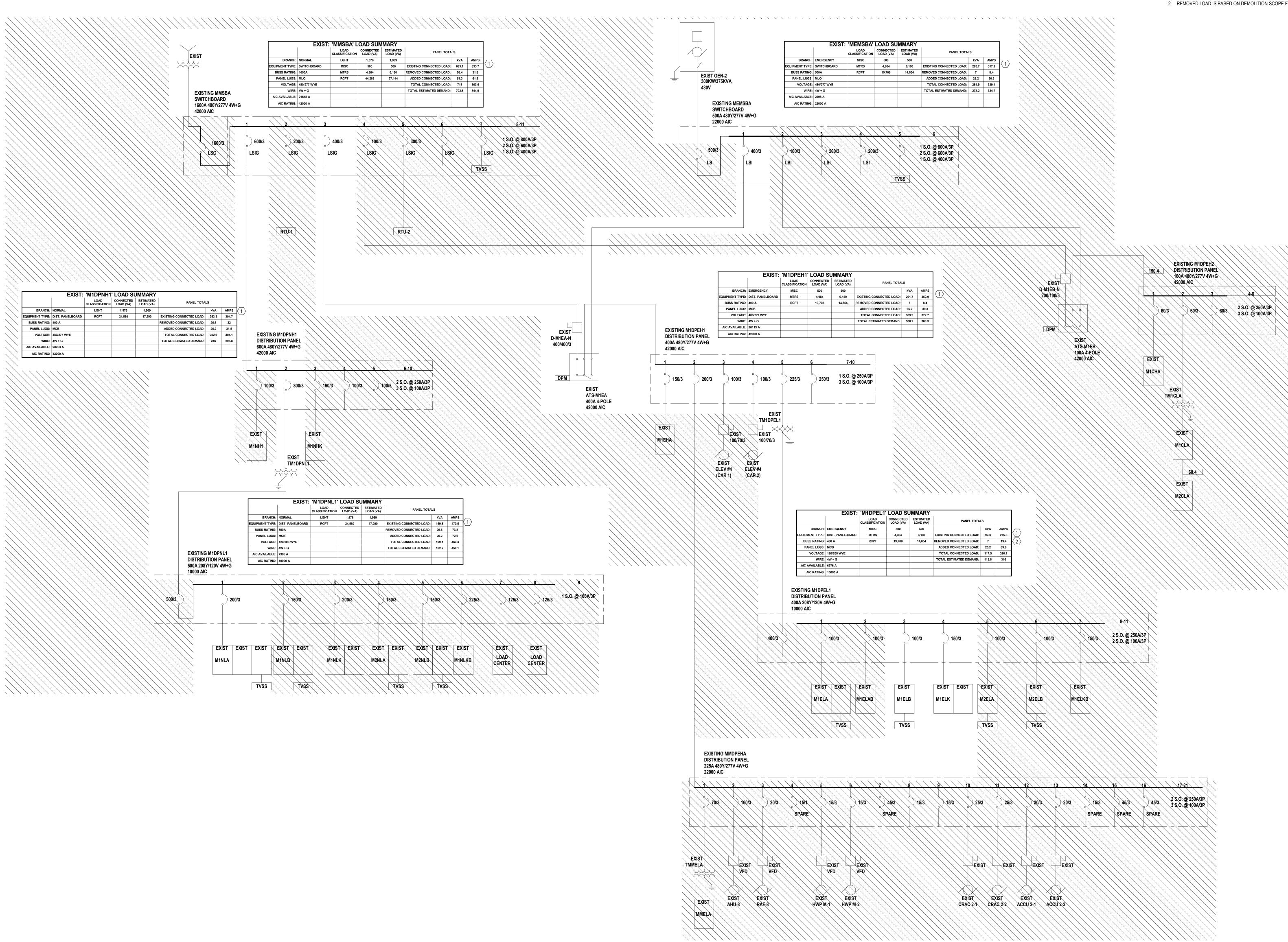
1 FLOOR PLAN - LEVEL 1 - ADMIN - SPECIAL SYSTEMS



- A. REFER TO SHEET E00-00 FOR ELECTRICAL SYMBOLS APPEARING ON THIS SHEET AND ADDITIONAL GENERAL NOTES.
 B. COORDINATE EXACT LOCATION OF ALL MECHANICAL EQUIPMENT INCLUDING BUT NOT LIMITED TO F/S DAMPERS, VAV BOXES, FCU'S ETC. WITH MECHANICAL DRAWINGS AND
- DIV.23 CONTRACTOR.
 C. DO NOT SCALE DEVICE LOCATIONS FROM THESE DRAWINGS. REFER TO AND COORDINATE WITH THE ARCHITECTURAL DOCUMENTS. SPECIFICALLY, REFER TO
- ARCHITECTURAL PLANS, ELEVATIONS, AND DETAILS FOR SPECIALTY.
 D. DELEGATED DESIGN OF FIRE ALARM: REFER TO DIVISION 28 SPECIFICATION SECTION FOR ADDITIONAL SYSTEM REQUIREMENTS. FIRE ALARM INITIATING DEVICES, NOTIFICATION APPLIANCES, CONTROL PANELS, ANNUNCIATOR PANELS, AND OTHER PERIPHERAL DEVICES SHOWN ON THESE DOCUMENTS DO NOT CONSTITUTE THE TOTAL QUANTITY OR TYPE OF DEVICES REQUIRED FOR THE WORK. THE DEVICES AND EQUIPMENT INDICATED ON THESE DOCUMENTS IS SHOWN FOR THE PURPOSE OF COORDINATION ONLY. THESE DRAWINGS AND THE ACCOMPANYING SPECIFICATIONS DEFINE THE SCOPE AND INTENT OF THE FIRE ALARM SYSTEM TO BE PROVIDED IN THE WORK. IN ADDITION TO THE SYSTEM AS SHOWN HEREIN AND SPECIFIED IN THE PROJECT MANUAL, THE LICENSED FIRE ALARM CONTRACTOR SHALL PROVIDE ALL PLANNING, DESIGN, CALCULATIONS, EQUIPMENT, DEVICES, RACEWAYS, BOXES, CABLING, SYSTEM PROGRAMMING AND ANY OTHER COMPONENT OR SERVICE REQUIRED FOR A COMPLETE, FULLY OPERATIONAL SYSTEM THAT MEETS ALL
- SPECIFIED REQUIREMENTS AND LOCAL CODES.
 E. SMOKE DETECTOR SPACING: FOR AREAS WHICH ARE INDICATED TO HAVE SMOKE DETECTOR COVERAGE THAT DO NOT HAVE A SUSPENDED CEILING (I.E. OPEN TO STRUCTURE), PROVIDE ONE DETECTOR PER STRUCTURAL POCKET TO MEET REQUIREMENTS OF NFPA 72. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING TYPES AND TO STRUCTURAL SLAB DETAILS FOR SLAB DEPRESSIONS THAT MAY CAUSE CONDITIONS REQUIRING ADDITIONAL DETECTORS.
 F. DETECTORS AT DAMPERS: PROVIDE A DUCT MOUNTED SMOKE DETECTOR AT ALL
- SMOKE AND COMBINATION FIRE/SMOKE DAMPER LOCATIONS. EACH DAMPER SHALL HAVE A DISCRETE RELAY LOCATED WITHIN 3 FT. OF THE CONTROLLING COMPONENT; COMMON RELAYS ARE NOT ACCEPTABLE. EXACT DEVICE QUANTITIES AND LOCATIONS FOR DAMPERS ARE SHOWN ON MECHANICAL DRAWINGS. REFER TO AND COORDINATE WITH DIVISION 23 DOCUMENTS, APPROVED SHOP DRAWINGS AND SUBMITTALS AND BETWEEN TRADES WITH HVAC INSTALLER PRIOR TO ROUGH-IN. REFER TO DIVISION 23
- AND 28 SPECIFICATIONS AND TO DETAILS FOR ADDITIONAL REQUIREMENTS. G. PROVIDE APPROPRIATE EQUIPMENT AND CONNECTION(S) REQUIRED TO RELEASE DOOR HOLDERS UPON ALARM SIGNAL FROM THE FIRE ALARM CONTROL PANEL.







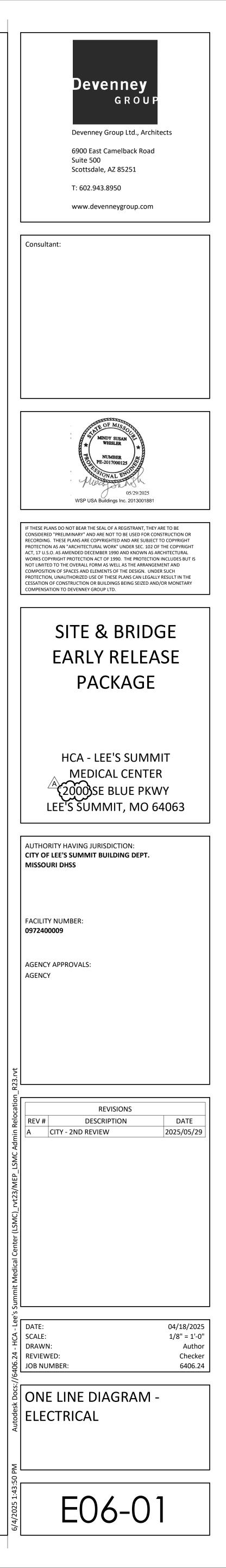
GENERAL NOTES

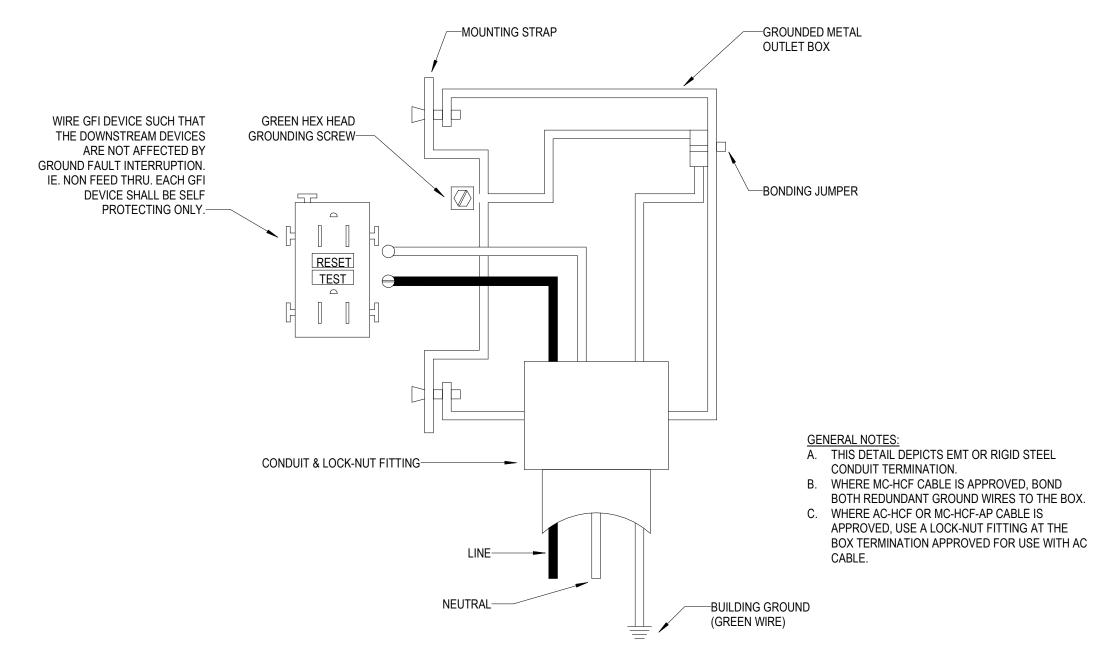
A. REFER TO SHEET E00-00 FOR ELECTRICAL SYMBOLS APPEARING ON THIS SHEET AND ADDITIONAL GENERAL NOTES. B. ALL CONDUCTORS ARE EXISTING TO REMAIN UNLESS NOTED WITH NEW WIRE TAG.

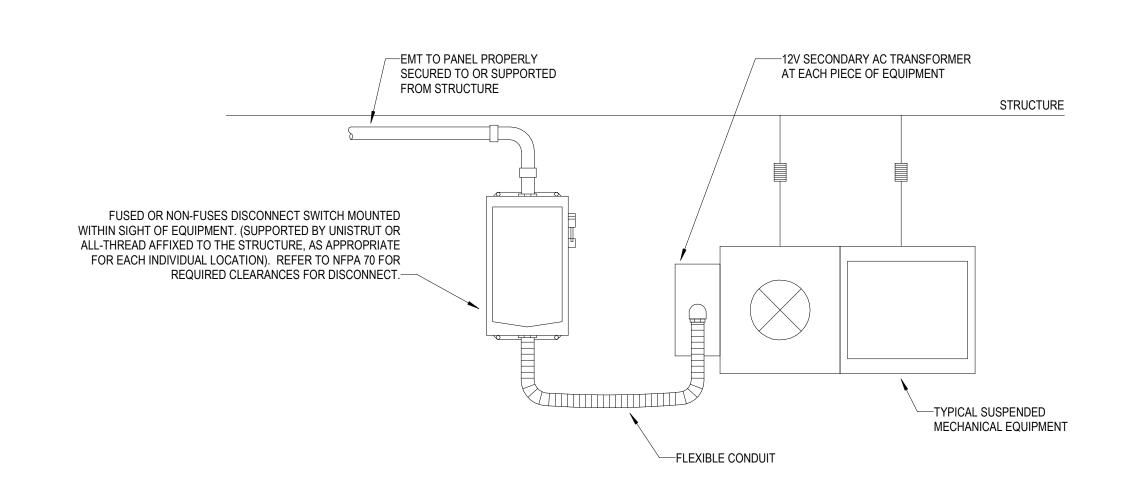
IEGEND NOTES

1 EXISTING LOAD IS BASED ON DESIGN LOAD FROM A PREVIOUS PROJECT. 2 REMOVED LOAD IS BASED ON DEMOLITION SCOPE FROM PANELBOARD 'M1ELA'.

2 S.O. @ 250A/3P 3 S.O. @ 100A/3P

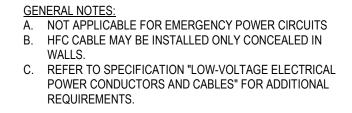




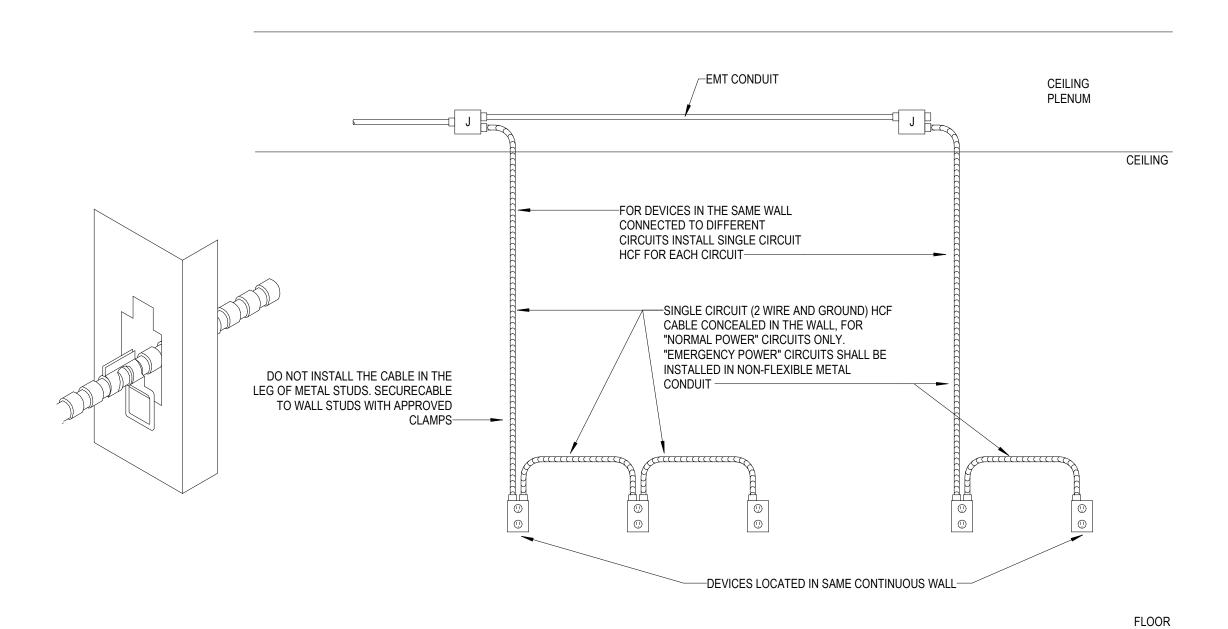


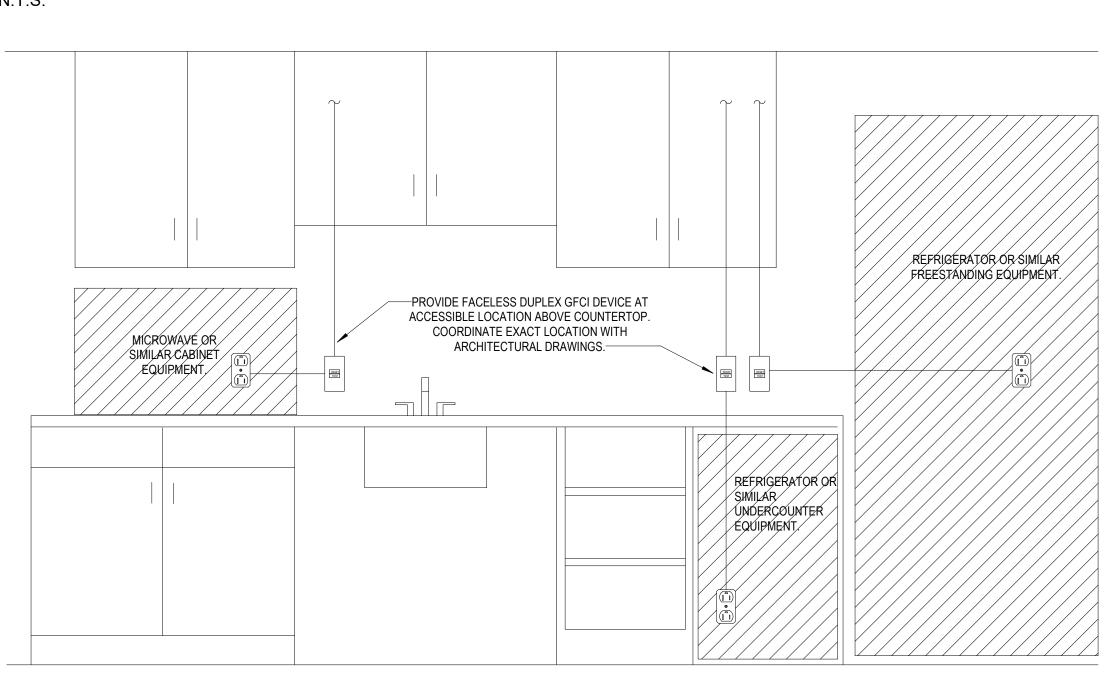
8 HEALTHCARE FACILITIES CABLE (HCF) INSTALLATION DETAIL N.T.S.

2 TYPICAL SUSPENDED MECH. EQUIPMENT HEAVY DUTY DISC. CONNECTION DETAIL N.T.S.

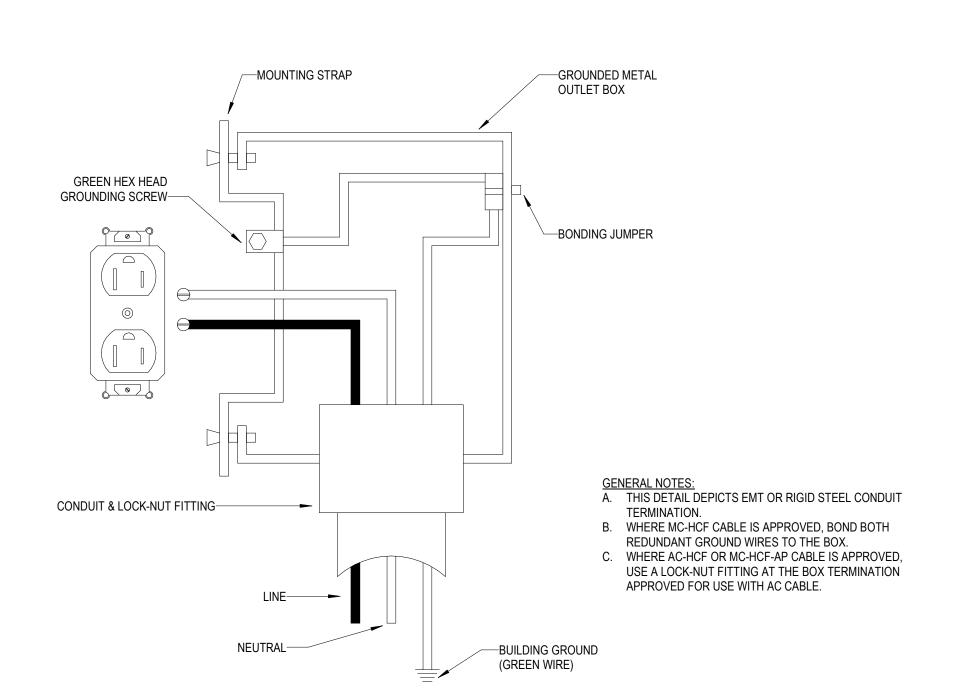


CEILING

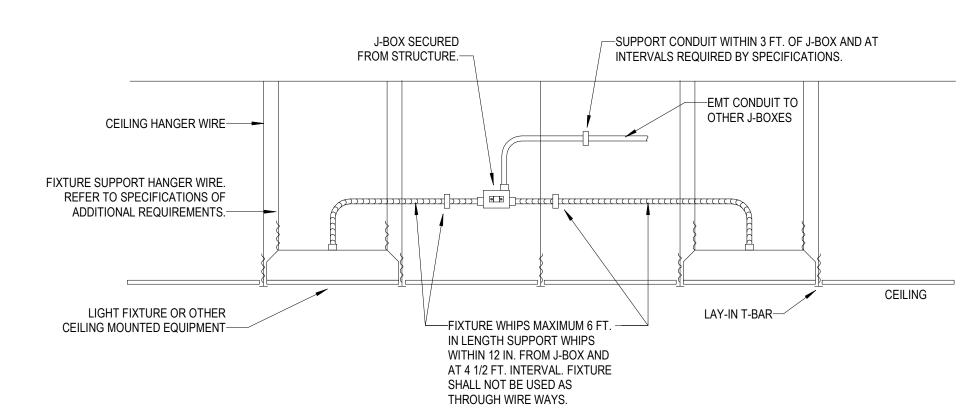


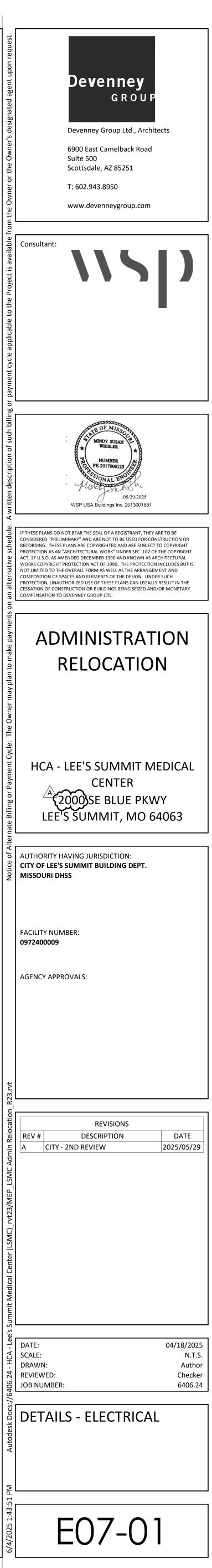


3 RECEPTACLE GROUNDING DETAIL N.T.S.



5 LAY-IN FIXTURE MOUNTING DETAIL N.T.S.





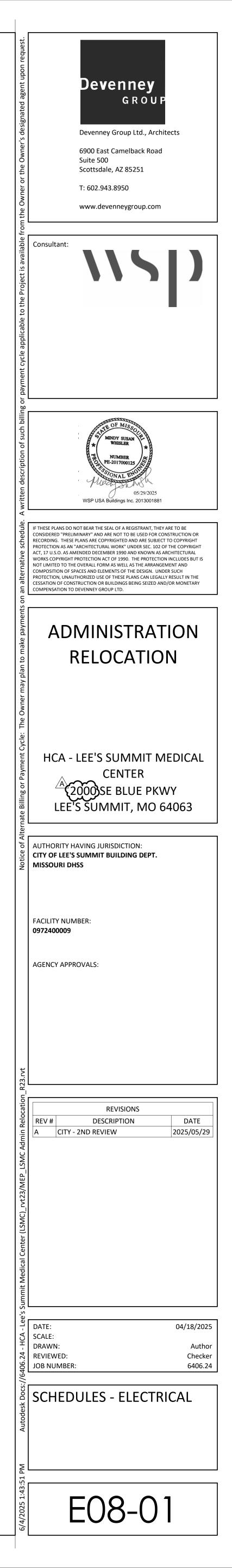
		PHYSICAL DESCRIPTION									ELECTRI	CAL SPI	ECIFICAT	<u>FIONS</u>		MANUFACTURER INFORMATION			
YPE	DESCRIPTION	LOCATION	HOUSING	REFLECTOR	SHIELDING	<u>FINISH</u>	MOUNTING	COLOR TEMP.	LAMP	LUMENS	HOURS	<u>VA</u>	<u>UNITS</u>	BALLAST / DRIVER	VOLTAGE	MANUFACTURER	CATALOG NUMBER	REMARKS	
A1	2' x 4' LED VOLUMETRIC TROFFER	PUBLIC AND CORRIDOR	ONE PIECE STEEL	ACRYLIC LINEAR PRISMATIC DIFFUSER	N/A	MATTE WHITE POWDERCOAT	RECESSED GYPSUM BOARD OR LAY IN CEILING	4,000	LED	4,000	60000	32	EACH	LED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120	LITHONIA	#2VTL4 40L ADP EZ1 LP840		
A2	2' x 4' LED VOLUMETRIC TROFFER	PUBLIC AND CORRIDOR	ONE PIECE STEEL	ACRYLIC LINEAR PRISMATIC DIFFUSER	N/A	MATTE WHITE POWDERCOAT	RECESSED GYPSUM BOARD OR LAY IN CEILING	4,000	LED	4,800	60000	39	EACH	LED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120	LITHONIA	#2VTL4 48L ADP EZ1 LP840		
D2	2' x 2' LED VOLUMETRIC TROFFER	STAFF WORKING	ONE PIECE STEEL	ACRYLIC LINEAR PRISMATIC DIFFUSER	WHITE REGRESSED ALUMINUM DOOR	MATTE WHITE POWDERCOAT	RECESSED GYPSUM BOARD OR LAY IN CEILING	4,000	LED	4,000	60000	33	EACH	LED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120	LITHONIA	#2VTL2 40L ADP EZ1 LP840		
F1	2' x 2' LED ACRYLIC LENSED PREMIUM TROFFER	RESTROOM	22 GA. STEEL HOUSING	#12 TRANSMISSIVE 0.125" LENS	HINGED AND LATCHED FROM EITHER SIDE, ENCLOSED SPRING LOADED CAM LATCH, WHITE REGRESSED ALUMINUM DOOR WITH MITERED CORNERS	PAINTED AFTER FABRICATION	RECESSED GYPSUM BOARD OR LAY IN CEILING	4,000	LED	3,300	72000	29		LED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120	LITHONIA	#2GTL X 2 33L RW EZ1 LP840		
J2	4'-0" LED LOW PROFILE LENSED STRIPLIGHT WITH DROP LENS FOR 10% UPLIGHT	STORAGE AND FACILITY	20 GA. HEAVY DUTY STEEL HOUSING	G SYMMETRIC REFLECTOR	COLD ROLLED STEEL	WHITE FINISH, PAINTED AFTER FABRICATION	CHAIN HUNG AT 9'-0" A.F.F. LOCATED AROUND EQUIPMENT	4,000	LED	7,000	50000	30	EACH	LED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120	LITHONIA	#ZL1D L48 SMR 7000LM FST MVOLT 40K 80CRI WH PAF		
M4	6" LED DOWNLIGHT WITH 45 DEGREE CUT OFF	PATIENT ROOMS	16 GA. GALVANIZED STEEL CONSTRUCTION	HIGH-IMPACT, FROSTED POLYCARBONATE LENS	LIGHT ENGINE AND DRIVER ACCESSIBLE THROUGH APERATURE	MATTE WHITE SELF-FLANGED, SEMI-SPECULAR FINISH	RECESSED GYPSUM BOARD OR LAY IN CEILING	4,000	LED	2,000	60000	20	EACH	LED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120	GOTHAM	#EVO6 40/20 AR MWD LSS MVOLT GZ10		
N1	RECESSED LINER PERIMETER COVE SYSTEM, CONTINUOS ROWS - REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LENGTHS	BOARD ROOMS, PERIMETE SYSTEM	R EXTRUDED ALUMINUM, 20 GA. COLD ROLLED STEEL INTERNAL WIRING TRAYS	EXTRUDED CLEAR FROST REGRESSED ACRYLIC LENS	N/A	NATURAL ALUMINUM HOUSING, HIGH REFLECTANCE MATTE WHITE FASCIA	RECESSED CEILING, VERIFY CEILING TYPE PRIOR TO ORDERING	4,000	LED	109	50000	10	LF	LED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120	MARK ARCHITECTURAL LIGHTING	#SPRLED LOP 3FT RLP FL 80CRI 40K 600LMF MIN1 MVOLT ZT		
X1	LED DECORATIVE RECESSED EDGE-LIT EXIT LIGHT, SINGLE FACE	EGRESS	20 GA. GALVANIZED STEEL, EXTRUDED ALUMINUM HOUSING	SATIN ALUMINUM TRIM PLATE MOLDED TEXTURED LETTERS	, N/A	6 INCH HIGH RED LETTERS ON MIRROR BACKGROUND, DIRECTIONAL CHEVRON INDICATORS AS REQUIRED	BACK / CEILING / END MOUNTING AS REQUIRED PER PLANS	0	LED	10	87600	1	EACH	N/A	120	LITHONIA	#LRP 1 RMR 120/277		
X2	LED DECORATIVE RECESSED EDGE-LIT EXIT LIGHT, DOUBLE FACE	EGRESS	20 GA. GALVANIZED STEEL, EXTRUDED ALUMINUM HOUSING	SATIN ALUMINUM TRIM PLATE MOLDED TEXTURED LETTERS	;, N/A	6 INCH HIGH RED LETTERS ON MIRROR BACKGROUND, DIRECTIONAL CHEVRON INDICATORS AS REQUIRED	BACK / CEILING / END MOUNTING AS REQUIRED PER PLANS	0	LED	15	87600	2	EACH	N/A	120	LITHONIA	#LRP 2 RMR 120/277		

	LIGHTING CONTROL REQUIREMENTS AND SEQUENCE OF OPERATIONS								
		CONTROL		MANUAL CONTROL/OVE	RRIDE		OCCUPANCY SENSOR		
TAG	S SPACE TYPES	CONTROL DESCRIPTION	CONTROL SYSTEM TYPE	DEVICE	DURIATION	TYPE/LOCATION	SET POINT	PHOTOCELL CONTROL	
1	PUBLIC AREAS, RECEPTION, CORRIDORS	MANUAL ON TO 100%, MANUAL OFF, DIMMING VIA MANUAL CONTROLS	STAND-ALONE	LINE VOLTAGE SWITCH	N/A	N/A	N/A	CEILING MOUNTED IN DAYLIGHT ZONES OVER 150W, 1 MIN FAD RATE	
2	RESTROOMS/TOILET	AUTO ON TO 100%, AUTO OFF, MANUAL ON/OFF/DIM	STAND-ALONE	LINE VOLTAGE SWITCH	20 MIN	DUAL-TECH, WALL	AUTO ON/DIM; 20 MIN SET POINT	CEILING MOUNTED IN DAYLIGHT ZONES OVER 150W, 1 MIN FAD RATE	
3	ENCLOSED ROOMS (OFFICE, BREAK, SUPPORT, ETC)	AUTO ON TO 50%, MANUAL ON TO 100%/OFF/DIM, AUTO OFF	STAND-ALONE	LINE VOLTAGE SWITCH	20 MIN	DUAL-TECH, WALL	AUTO ON 50%, AUTO OFF; 20 MIN SET POINT	CEILING MOUNTED IN DAYLIGHT ZONES OVER 150W, 1 MIN FAD RATE	
4	ELECTRICAL, MECHANICAL, COMM ROOMS	MANUAL ON/OFF	STAND-ALONE	LINE VOLTAGE SWITCH	N/A	N/A	N/A	N/A	
5	ENCLOSED ROOMS (LARGE OFFICE, BREAK, SUPPORT, ETC)	AUTO ON TO 50%, MANUAL ON TO 100%/OFF/DIM, AUTO OFF	STAND-ALONE	LOW VOLTAGE WALL STATION	20 MIN	DUAL-TECH, CEILING	AUTO ON 50%, AUTO OFF; 20 MIN SET POINT	CEILING MOUNTED IN DAYLIGHT ZONES OVER 150W, 1 MIN FAD RATE	

	(IST: M1NLA LOCATION: EXTERIOR ELEC 1-ME1 MAIN BUS: 225 A MCB: N/A VOLTAGE: 120/208 WYE AIC AVAILABLE: 9970 A AIC RATING: 10000 A	131	NUMBE	ENC B MC PAN	ED FROM: WIRES: CLOSURE: BUS TYPE: OUNTING: IEL LUGS: ECTIONS:	: 4W + : NEM : COP : SUR : MLO	- G + IG A 1 PER FACE		NEUTRAL B GROUND B ISOLATED GROUND B 200% NEUTR FEED THROUGH LUG POLES PER SECTIO	US: YES US: YES US: YES RAL: NO GS: YES	MAL
КТ Ю.	DESCRIPTION	TOTAL LOAD (VA)	BRE	CUIT AKER / POLES	АВС	BRE	CUIT AKER ES /	TOTAL LOAD (VA)	DESCRIPTI	ON	C
	EXISTING LOAD		20	1_		1	20		EXISTING LOAD		
	EXISTING LOAD		20	1		1	20		EXISTING LOAD		
	EXISTING LOAD		20	1		1	20		EXISTING LOAD		
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	EXISTING LOAD	1,101	20 20	1	┼╌┺┛ _{╼┪} ┼	1	20 20		EXISTING LOAD EXISTING LOAD		
	LGHT-HALLWAY	474	20	1		1	20		EXISTING LOAD		
5	RCPT - CONFERENCE, MARK OFF.2-200		20	1		1	20		EXISTING LOAD		
	SPARE		20	1		1	20		EXISTING LOAD		
	RCPT - CONFERENCE, BOARD RM. 2-20		20	1		1	20		EXISTING LOAD		
	RCPT - BOARD ROOM 2-2011 RCPT - MARKETING OFFICE 2-2008	1,440	20 20	1	┼╴┛┓	1 1	20 20		EXISTING LOAD EXISTING LOAD		
	RCPT - MARKETING OFFICE 2-2008 RCPT - PHYSICIAN OFFICE 2-2007	1,260	20	1		1	20		EXISTING LOAD		
	EXISTING LOAD		20	1		1	20		EXISTING LOAD		
9	RCPT - CEO OFFICE 2-2002	1,440	20	1		1	20		EXISTING LOAD		
	RCPT - CFO OFFICE 2-2005	1,440	20	1		1	20		EXISTING LOAD		
	RCPT - COO OFFICE 2-2004	1,440	20	1		1	20		EXISTING LOAD		
	EXISTING LOAD		20	1		1	20		EXISTING LOAD		
	EXISTING LOAD RCPT - CMO OFFICE 2-2003	1,440	20 20	1	┦┻┓╴┼	1 1	20 20	1,440	EXISTING LOAD RCPT - STG, COPY/WRK	2_2012	
-	EXISTING LOAD	1,440	20	1		1	20	1,440	RCPT - TLT, HALLWAY 2		3
	RCPT - CNO OFFICE 2-2006	1,440	20	1		1	20		EXISTING LOAD		-
	RCPT - RECEPTION 2-2001	1,440	20	1		1	20		EXISTING LOAD		
	EXISTING LOAD		80	3		1	20		EXISTING LOAD		
-					-	1	20		EXISTING LOAD		
1 3	 RCPT - LAMINTR-COPY/WRK2-2015	1,000	 20	 1	┼╌┍┛┓	1 1	20 20		EXISTING LOAD		
	SPARE	1,000	20	1		1	20		EXISTING LOAD EXISTING LOAD		
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)	SPARE		20	1		1	20		EXISTING LOAD		
	SPARE		20	1		1	20		EXISTING LOAD		
	RCPT - MW-COPY/WORK 2-2015	1,200	20	1		1	20		EXISTING LOAD		
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3	EXISTING LOAD		20	1		1	20		EXISTING LOAD		
	RCPT - COF-COPY/WORK 2-2015	600	20	1		1	20		EXISTING LOAD		
	EXISTING LOAD		20	1		1	20	900	RCPT - HALLWAY 2-2020		
	EXISTING LOAD RCPT - SHARED OFFICE 2-2009	1,440	20 20	1	┦┻┓╴┼	1 1	20 20	1,440	RCPT - BREAK, STG, TL1 EXISTING LOAD	Γ 2-2 018	
	RCPT - TOI, STG, COMM 2-2016	720	20	1		1	20		EXISTING LOAD		
	EXISTING LOAD		20	1		1	20		EXISTING LOAD		
7	EXISTING LOAD		20	1		1	20		EXISTING LOAD		
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3 5	EXISTING LOAD		40	2	┼╌┍╸	1 1	20 20		EXISTING LOAD EXISTING LOAD		
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5	EXISTING LOAD		20	1		1	20		EXISTING LOAD		
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25	-										
				<u>56 A</u>	/ 100 A / 6	53 A					
	LOAD CLASSIFICATION CONNE	CTED LOA	JD (VA)	ESTIN	MATED DE (VA))		PANEL TOTALS		
	LGHT	1,576			1,969					kVA	AMF
	RCPT	24,580			17,290			EXIST	ING CONNECTED LOAD:	35.2	97.
									/ED CONNECTED LOAD:	26.6	73.
									DED CONNECTED LOAD:	26.2	70.
			+								96.
								10	I AL CONNECTED LOAD:	-14.0	
									TAL CONNECTED LOAD:	34.8 27.9	77.4

	KIST: M1ELK LOCATION: ELEC 1-ME1 MAIN BUS: 225 A MCB: N/A VOLTAGE: 120/208 WYI AIC AVAILABLE: EXISTING AIC RATING: 10000 A		NUMBE	ENC B MC PANI	ED FROM WIRES LOSURE US TYPE DUNTING EL LUGS ECTIONS	: 4W + : NEMA : COPF : SURF : MLO	G \ 1 PER		NEUTRAL B GROUND B ISOLATED GROUND B 200% NEUTR FEED THROUGH LU POLES PER SECTI	US: YES US: YES US: NO RAL: NO GS: YES	ENCY
CKT NO.	DESCRIPTION	TOTAL LOAD (VA)	BRE	CUIT AKER / POLES	АВС	CIRC BREA POLE	KER	TOTAL LOAD (VA)	DESCRIPT	ION	CK
1	EXISTING LOAD		20	1		1	20		EXISTING LOAD		2
3	EXISTING LOAD		20	1		1	20		EXISTING LOAD		4
5	EXISTING LOAD		20	1		1	20		EXISTING LOAD		6
7	EXISTING LOAD		20	1		2	20		EXISTING LOAD		8
9	EXISTING LOAD		20	1							10
11	SPARE		20	1		1	20		EXISTING LOAD		12
13			15	3		1	20		EXISTING LOAD		14
15						1	20		EXISTING LOAD		16
17						1	20		EXISTING LOAD		18
19	SPARE		20	3		1	20		EXISTING LOAD		20
21						1	20		EXISTING LOAD		22
23						1	20		SPARE		24
25	SPARE		20	1		1	20		SPARE		26
27	SPARE		20	1		1	20		SPARE		28
29	SPARE		20	1		1	20		SPARE		30
31			20	1		1	20		SPARE		32
33	EXISTING LOAD		20	1		1	20		SPARE		34
35	EXISTING LOAD		20 20	1		1	20 20		SPARE		36
37 39	EXISTING LOAD SPARE		20	1		1	20		SPARE SPARE		38
	SPARE		20	1		1	20		SPARE		40
41	ADMIN ACCU-1	4,784	30	2		1	20		SPARE		42
45						1	20		SPARE		44
47	 ADMIN VAVS	500	20	1		1	20		SPARE		48
49	RCPT - BOARD ROOM 2-2011		20	1		1	20		SPARE		50
51	RCPT - COMM 2-2016	180	20	1		1	20		SPARE		52
53	RCPT - COMM 2-2016	180	20	1		1	20		SPARE		54
55	AC-1 COND PUMP	200	20	1		1	20		SPARE		56
57	SPARE		20	1		1	20		SPARE		58
59	EXISTING LOAD		20	1		1	20		SPARE		60
61	EXISTING LOAD		20	1		1	20		SPARE		62
63	RCPT - COMM 2-2016	180	20	1		1	20		SPARE		64
65	SPARE		20	1		1	20		SPARE		66
	SPARE		20	1		1	20		SPARE		68
	SPARE		20	1		1	20		SPARE		70
	SPARE		20	1		1	20		SPARE		72
	SPARE		20	1		1	20		SPARE		74
	SPARE		20	1		1	20		SPARE		76
	SPARE SPARE		20 20	1		1	20 20		SPARE SPARE		78
	SPARE		20	1		1	20		SPARE		82
	SPARE		20	1		1	20		SPARE		84
00				-	A/26 A/	-					
	LOAD CLASSIFICATION CONNECTED LOAD (VA)			ESTIN	IATED DI (VA)	EMAND		PANEL TOTALS			
	MISC	500			500					kVA	AMPS
	MTRS	4,984			6,180			EXISTI	NG CONNECTED LOAD:	16.4	45.5
	RCPT	1,980			1,980				ED CONNECTED LOAD:	0	0
		1,000			1,000				ED CONNECTED LOAD:	7.5	20.7
											-
									TAL CONNECTED LOAD:	23.9	66.2
							_	ΤΟΤΑ	L ESTIMATED DEMAND:	25.1	69.6

EXIST: M1ELB LOCATION: ELEC 1-ME1072 MAIN BUS: 100 A MCB: N/A VOLTAGE: 120/208 WYE AIC AVAILABLE: EXISTING AIC RATING: 10000 A				FED FROM: M1DPEL1 WIRES: 4W + G + IG ENCLOSURE: NEMA 1 BUS TYPE: COPPER MOUNTING: SURFACE PANEL LUGS: MLO NUMBER OF SECTIONS: 1					EMERGENCY NEUTRAL BUS: YES GROUND BUS: YES ISOLATED GROUND BUS: YES 200% NEUTRAL: NO FEED THROUGH LUGS: YES POLES PER SECTION: 42			
CKT NO.	DESCRIPTION		TOTAL LOAD (VA)	CIRC BREA AMPS /	AKER	АВС	BRE	CUIT AKER ES /	TOTAL LOAD (VA)	DESCRIPTION		CK NO
1	EXISTING LOAD			20	1		1	20	1,000	00 RCPT - PRT-CEO, PHY OFFICE 2		2 2
3	EXISTING LOAD			20	1		1	20	800	RCPT - COPY-COPY/WORK 2-2015		4
5	EXISTING LOAD			20	1		1	20	1,000	RCPT - RECEPTION, SHA		
7	EXISTING LOAD			20	1		1	20		EXISTING LOAD		8
9	EXISTING LOAD			20	1		1	20		EXISTING LOAD		10
11	EXISTING LOAD			20	1		1	20		EXISTING LOAD		12
13	EXISTING LOAD			20	1		1	20		EXISTING LOAD		14
15	XISTING LOAD			20	1		1	20		EXISTING LOAD		16
17	EXISTING LOAD			20	1		2	30	2,496	RCPT - COMM 2-2016	18	
19	EXISTING LOAD			20	1						20	
21	EXISTING LOAD			20	1		2	30	2,496	RCPT - COMM 2-2016	22	
23	EXISTING LOAD			20	1							24
25	EXISTING LOAD			30	1		1	20	180	RCPT - COMM 2-2016		26 28
27	EXISTING LOAD			30	1		1	20	180	RCPT COMM 2-2016		
29	RCPT - UCR-COPY/WORK 2-20		180	20	1		1	20	500	RCPT - PRT-MARKETING		
31	RCPT- ICE-COPY/WORK 2-201		1,500	20	1		1	20	1,000	RCPT - PRT-CFO, COO OI		
33	RCPT - REF-COPY/WORK 2-20	J15	1,500	20	1		1	20	1,000	RCPT - PRT-CNO, CMO O		
35	RCPT - COMM 2-2016		180	20	1		1	20	1,040	RCPT - COPY/WRK2-2015)	36
37	RCPT COMM 2-2016 RCPT - COMM 2-2016		180	20 30	1		3	30		EXISTING LOAD		38 40
39 41			2,496		2							40
41					 /3 A	/ 51 A / 5	 56 A					42
LOAD CLASSIFICATION CONNECTED		ED LOA	D (VA)	-	IATED D (VA)		D		PANEL TOTALS			
RCPT 17		7,728			13,864					kVA	AMPS	
						,			EXISTI	NG CONNECTED LOAD:	15.1	41.8
										ED CONNECTED LOAD:	0	0
										17.7	49.2	
										TAL CONNECTED LOAD:	32.8	91
									ΤΟΤΑ	L ESTIMATED DEMAND:	28.9	80.3



SYMBOL
M
EXAMPLE
CR
BRT
СК
M
KP _T
PBT
RR T
ACP
DC (PB)
KS _T
LPS
PP / WP
ACCESS CONT 1. REFER TO 2. REFER TO
 PUSH PAD REFER TO REFER TO
4. KEI EK 10
SYMBOL
D1
D2
D3
D4
P1
ALL SYMBOLS
SYMBOL
ZZZPT
EXAMPLE
M M
\square
M
M
M T
NVR M
SW M
M
PS T
VIDEO SURVEI 1. REFER TC
2. REFER TO 3. REFER TO EQUIPMEN
TYPE INDOOR
WALL MOUNT
CEILING MOUNT OUTDOOR
OUTDOOR
CORNER MOUN
PARAPET MOUNT

	INTERCOM LEGEND			
ALL SYMB	OLS SHOWN MAY NOT APPEAR ON ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY NO	OT BE TO SCALE.		
SYMBOL	DESCRIPTION	MTG. HEIGHT UNO (NOTE 1)		
IC ¹	INTERCOM MASTER CONTROL STATION - DESK MOUNTED. DOUBLE GANG BOX, 4" X 4", WITH 2" X 4" DEVICE COVER, 1" CONDUIT STUBBED ABOVE CEILING.	18" AFF		
IC 2	INTERCOM REMOTE MONITORING LOCATION - DESK MOUNTED. DOUBLE GANG BACKBOX, 4" X 4", WITH 2" X 4" DEVICE COVER, 1" CONDUIT STUBBED ABOVE CEILING.	18" AFF		
IC ³	INTERCOM DOOR STATION - WALL MOUNTED. DOUBLE GANG BACKBOX, 4" X 4", WITH 2" X 4" DEVICE COVER, 1" CONDUIT STUBBED ABOVE CEILING.	48" AFF		
IC 4	INTERCOM DOOR STATION W/ CARD READER - FLUSH MOUNTED. PROPRIETARY BACK BOX, 1" CONDUIT STUBBED ABOVE CEILING.	48" AFF		
	INTERCOM CABLE SCHEDULE			
SYMBOL	DESCRIPTION	PART#		
"IC"	2 CONDUCTOR #18 AWG	6300UE		
"IC-N"	CATEGORY CABLE	REFER TO DIV. 271500		
 CABLING C 2 FEET COI DOOR STAT STATION. 	ES: ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHTS OF ALL DEVICES. ONTRACTOR TO PROVIDE AND INSTALL ALL INTERCOM CABLES AS SHOWN ON THE DRAWINGS; LEA LED AT EACH LOCATION. FIONS SHALL BE PROVIDED WITH DOOR UNLOCK CAPABILITY WITH THE ASSOCIATED DOOR FROM TI RESPONSIBILITY MATRIX SCHEDULE FOR OWNERSHIP OF RESPONSIBILITIES OF THE INTERCOM SYS	HE MASTER		

		ESS CONTROL SYMBOLS LEGEND		
ALL SYMBO	DLS SHOWN MAY NOT APPEAR ON	ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMA DESCRIPTION	TIC AND MAY NOT I BACK BOX	3E TO SCALE. MTG. HEIGHT UNO (NOTE 1)
	MOUNT	TECHNOLOGY		CEILING OR WALL MOUNT
M				
T EXAMPLE	C - CEILING D - DESK F - FLUSH H - HIDDEN M - MULLION P - POLE R - RACK S - SURFACE	- SPECIFIC TO DEVICE - CAN BE MULTIPLE	ХХ	
	T - TURNSTILE W - WALL	EX- EXISTING ETR- EXISTING TO REMAIN		
	CARD ACCESS READER			
CR	S - SMART CARD F - ELEVATOR FLOOR CALL I - ICLASS	H - ELEVATOR HALL CALL P - PROXIMITY	D1	48" AFF
M	M - MAGSTRIPE BIOMETRIC ACCESS READER	W - WIEGAND		
\mathbb{BR}_{T}^{M}	F - FINGERPRINT I - IRIS V - VOICE	H - HAND GEOMETRY R - RETINA	D1	48" AFF
CKT	CARD ACCESS READER W/ KEYF B - BARCODE	S - SMART CARD	D1	48" AFF
	F - ELEVATOR FLOOR CALL I - ICLASS M - MAGSTRIPE	H - ELEVATOR HALL CALL P - PROXIMITY W - WIEGAND DUAL PUSH BUTTON		
KP _T M	KEYPAD D - DRY CONTACT	W - WIEGAND	D1	48" AFF
PB _T	PUSH BUTTON D- DIRECT POWER DROP	X - REQUEST TO EXIT	D2	48" AFF
RR T	REMOTE RELEASE BUTTON U - UNDER COUNTER	W- WALL	D2	18" AFF
ACP	ACCESS CONTROL PANEL		N/A	(NOTE#4)
DC (PB)	DOOR CONTACT PANIC BUTTON		N/A	AS REQD.
<u> </u>	H- HARDWIRED W- WIRELESS		N/A	AS REQD.
KS T	A - ALTERNATE ACTION K - KEYED ALIKE LD - LED	IC - INTERCHANGEABLE CORE L- LATCHING M - MOMENTARY	D2	48" AFF
LPS	LOCK POWER SUPPLY		N/A	AS REQD.
PP / WP	PUSH PAD/ WAVE PLATE - DOOR	POPENING ACTUATOR (NOTE #3)	D2	48" AFF
	ACCESS	S CONTROL BACK BOX SCHEDULE		
SYMBOL	ACCESS	S CONTROL BACK BOX SCHEDULE		
SYMBOL D1		DESCRIPTION DEEP, WITH SINGLE GANG DEVICE COVER AND 3,	/4" CONDUIT PATH\	VAY
	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2"	DESCRIPTION DEEP, WITH SINGLE GANG DEVICE COVER AND 3, EILING SPACE. DEEP, WITH SINGLE GANG DEVICE COVER AND 3,		
D1 D2	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C	DESCRIPTION DEEP, WITH SINGLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH SINGLE GANG DEVICE COVER AND 3 EILING SPACE.	/4" CONDUIT PATH\	VAY
D1	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C	DESCRIPTION DEEP, WITH SINGLE GANG DEVICE COVER AND 3, EILING SPACE. DEEP, WITH SINGLE GANG DEVICE COVER AND 3, EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE.	/4" CONDUIT PATH\ 3/4" CONDUIT PATH	WAY WAY
D1 D2	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C	DESCRIPTION DEEP, WITH SINGLE GANG DEVICE COVER AND 3, EILING SPACE. DEEP, WITH SINGLE GANG DEVICE COVER AND 3, EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE.	/4" CONDUIT PATH\ 3/4" CONDUIT PATH	WAY WAY
D1 D2 D3	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3	DESCRIPTION DEEP, WITH SINGLE GANG DEVICE COVER AND 3, EILING SPACE. DEEP, WITH SINGLE GANG DEVICE COVER AND 3, EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE.	/4" CONDUIT PATH\ 3/4" CONDUIT PATH 3/4" CONDUIT PATH 3/4" CONDUIT PATH	WAY WAY WAY CE.
D1 D2 D3 D4	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3 REFER TO MANUFACTURER SPE	DESCRIPTION DEEP, WITH SINGLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH SINGLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE.	/4" CONDUIT PATH\ 3/4" CONDUIT PATH 3/4" CONDUIT PATH 3/4" CONDUIT PATH	WAY WAY WAY CE.
D1 D2 D3 D4 P1	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3 REFER TO MANUFACTURER SPE VIDEO S	DESCRIPTION DEEP, WITH SINGLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH SINGLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. 3/4" CONDUIT PATHWAY STUBBED ABOVE ACCESS CIFICATIONS FOR DEVICE BACK BOX REQUIREME	/4" CONDUIT PATH 3/4" CONDUIT PATH 3/4" CONDUIT PATH 3/4" CONDUIT PATH 5IBLE CEILING SPAC ENTS AND PART #S.	VAY WAY WAY CE. D SCALE.
D1 D2 D3 D4 P1	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3 REFER TO MANUFACTURER SPE VIDEO S	DESCRIPTION DEEP, WITH SINGLE GANG DEVICE COVER AND 3. EILING SPACE. DEEP, WITH SINGLE GANG DEVICE COVER AND 3. EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3. EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3. EILING SPACE. 3/4" CONDUIT PATHWAY STUBBED ABOVE ACCESS CIFICATIONS FOR DEVICE BACK BOX REQUIREME SURVEILLANCE SYMBOLS LEGEND DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC A DESCRIPTION	/4" CONDUIT PATH 3/4" CONDUIT PATH 3/4" CONDUIT PATH 3/4" CONDUIT PATH 5IBLE CEILING SPAC ENTS AND PART #S.	VAY WAY WAY CE. D SCALE. MTG. HEIGHT UNO (NOTE 1
D1 D2 D3 D4 P1	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3 REFER TO MANUFACTURER SPE VIDEO S	DESCRIPTION DEEP, WITH SINGLE GANG DEVICE COVER AND 3. EILING SPACE. DEEP, WITH SINGLE GANG DEVICE COVER AND 3. EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3. EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3. EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3. EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3. EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3. EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3. EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3. EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3. EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3. EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3. EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3. EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3. EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3. EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE BACK BOX REQUIREME DESCRIPTION TATHWAY STUBBED ABOVE ACCESS CIFICATIONS FOR DEVICE BACK BOX REQUIREME DESCRIPTION T=TECHNOLOGY (CAMERA TYPE)	/4" CONDUIT PATH 3/4" CONDUIT PATH 3/4" CONDUIT PATH 3/4" CONDUIT PATH SIBLE CEILING SPAC ENTS AND PART #S.	VAY WAY WAY CE. D SCALE. MTG. HEIGHT UNO (NOTE 1 CEILING OR
D1 D2 D3 D4 P1	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3 REFER TO MANUFACTURER SPE VIDEO S SHOWN MAY NOT APPEAR ON ALL I M=MOUNTING TYP C - CEILING D - DESK M - MULLION P - POLE	DESCRIPTION DEEP, WITH SINGLE GANG DEVICE COVER AND 3, EILING SPACE. DEEP, WITH SINGLE GANG DEVICE COVER AND 3, EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. B44" CONDUIT PATHWAY STUBBED ABOVE ACCESS CIFICATIONS FOR DEVICE BACK BOX REQUIREME SURVEILLANCE SYMBOLS LEGEND DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC A DESCRIPTION PE T=TECHNOLOGY (CAMERA TYPE) - SPECIFIC TO DEVICE - CAN BE MULTIPLE - SHOWN BELOW FOR EACH	/4" CONDUIT PATH 3/4" CONDUIT PATH 3/4" CONDUIT PATH 3/4" CONDUIT PATH SIBLE CEILING SPAC ENTS AND PART #S.	VAY WAY WAY CE. D SCALE. MTG. HEIGHT UNO (NOTE 1 CEILING OR
D1 D2 D3 D4 P1 SYMBOLS S SYMBOLS S SYMBOL	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3 REFER TO MANUFACTURER SPE VIDEO S SHOWN MAY NOT APPEAR ON ALL I M=MOUNTING TYP C - CEILING D - DESK M - MULLION P - POLE PE - PENDANT R - RACK	DESCRIPTION DEEP, WITH SINGLE GANG DEVICE COVER AND 3, EILING SPACE. DEEP, WITH SINGLE GANG DEVICE COVER AND 3, EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE BACK BOX REQUIREME DEEP, WITH DOUBLE GANG DEVICE BACK BOX REQUIREME DESCRIPTION THE STRUCTURE SYMBOLS ARE SHOWN SCHEMATIC A DESCRIPTION F FLUSH - SPECIFIC TO DEVICE - CAN BE MULTIPLE	/4" CONDUIT PATH 3/4" CONDUIT PATH 3/4" CONDUIT PATH 3/4" CONDUIT PATH SIBLE CEILING SPAC ENTS AND PART #S. AND MAY NOT BE TO BACK BOX	VAY WAY WAY CE. D SCALE. MTG. HEIGHT UNO (NOTE 1 CEILING OR
D1 D2 D3 D4 P1 SYMBOLS S SYMBOLS S SYMBOL	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3 REFER TO MANUFACTURER SPE VIDEO S SHOWN MAY NOT APPEAR ON ALL I M=MOUNTING TYP C - CEILING D - DESK M - MULLION P - POLE PE - PENDANT R - RACK	DESCRIPTION DEEP, WITH SINGLE GANG DEVICE COVER AND 3, EILING SPACE. DEEP, WITH SINGLE GANG DEVICE COVER AND 3, EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. B44" CONDUIT PATHWAY STUBBED ABOVE ACCESS CIFICATIONS FOR DEVICE BACK BOX REQUIREME SURVEILLANCE SYMBOLS ARE SHOWN SCHEMATIC A DESCRIPTION DESCRIPTION DESCRIPTION F - FLUSH PA-PARAPET S - SURFACE CAN BE MULTIPLE - SHOWN BELOW FOR EACH CAMERA	/4" CONDUIT PATH 3/4" CONDUIT PATH 3/4" CONDUIT PATH 3/4" CONDUIT PATH SIBLE CEILING SPAC ENTS AND PART #S. AND MAY NOT BE TO BACK BOX	VAY WAY WAY CE. D SCALE. MTG. HEIGHT UNO (NOTE 1 CEILING OR
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D1 D2 D3 D4 P1 P1 SYMBOLS S SYMBOLS S S SYMBOLS S S S S S S S S S S S S S S	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3 REFER TO MANUFACTURER SPE VIDEO S SHOWN MAY NOT APPEAR ON ALL D M=MOUNTING TYP C - CEILING D - DESK M - MULLION P - POLE PE - PENDANT R - RACK T - TURNSTILE W - WALL STATIONARY CAMERA E - ENVIRONMENTAL P - POE V - VANDAL RESISTANT PAN/TILT/ZOOM CAMERA B - BOX P - POE V - VANDAL RESISTANT 2 SENSOR CAMERA E - ENVIRONMENTAL D - DOME 3 SENSOR CAMERA E - ENVIRONMENTAL D - DOME 4 SENSOR CAMERA E - ENVIRONMENTAL D - DOME 4 SENSOR CAMERA E - ENVIRONMENTAL D - DOME 4 SENSOR CAMERA E - ENVIRONMENTAL D - DOME	DESCRIPTION DEEP, WITH SINGLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH SINGLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEVICATIONS FOR DEVICE BACK BOX REQUIREME SURVEILLANCE SYMBOLS ARE SHOWN SCHEMATIC A DESCRIPTION PE T = TECHNOLOGY (CAMERA TYPE) F - FLUSH P - POE V - VANDAL RESISTANT P - POE V - VANDAL RESISTANT S - SWING ARM T - WITH TILT	/4" CONDUIT PATH	VAY WAY WAY WAY CE. CE. CEILING OR WALL MOUNT CEILING OR WALL MOUNT AS REQD. AS REQD. AS REQD. AS REQD. AS REQD. AS REQD.
	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3 REFER TO MANUFACTURER SPE VIDEO S SHOWN MAY NOT APPEAR ON ALL D M=MOUNTING TYP C - CEILING D - DESK M - MULLION P - POLE PE - PENDANT R - RACK T - TURNSTILE W - WALL STATIONARY CAMERA E - ENVIRONMENTAL P - POE V - VANDAL RESISTANT PAN/TILT/ZOOM CAMERA B - BOX P - POE V - VANDAL RESISTANT PAN/TILT/ZOOM CAMERA E - ENVIRONMENTAL D - DOME 3 SENSOR CAMERA E - ENVIRONMENTAL D - DOME 4 SENSOR CAMERA E - ENVIRONMENTAL D - DOME 4 SENSOR CAMERA E - ENVIRONMENTAL D - DOME 4 SENSOR CAMERA E - ENVIRONMENTAL D - DOME	DESCRIPTION DEEP, WITH SINGLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DESCRIPTION FOR DEVICE BACK BOX REQUIREMENT SUBRACE DESCRIPTION PE T=TECHNOLOGY (CAMERA TYPE) F - FLUSH PA-PARAPET S - SUFFACE C - COVERT D - DOME F - FISHEYE E - ENVIRONMENTAL D - DOME F - FISHEYE E - ENVIRONMENTAL D - DOME F - FOSHEYE P - POE V - VANDAL RESISTANT P - POE V - VANDAL RESISTANT	/4" CONDUIT PATH 3/4" CONDUIT PATH 3/4" CONDUIT PATH SIBLE CEILING SPAC ENTS AND PART #S. AND MAY NOT BE TO BACK BOX XX XX D2	VAY WAY WAY WAY CE. CE. CSCALE. CSCALE. CEILING OR WALL MOUN AS REQD.

VIDEO SURVEILLANCE BACK BOX SCHEDULE

TO ABOVE ACCESSIBLE CEILING SPACE WITHIN BUILDING.

DESCRIPTION DOUBLE GANG BACK BOX, 2 1/8" DEEP, MOUNTED VERTICALLY, WITH SINGLE GANG DEVICE COVER AND 3/4" CONDUIT PATHWAY STUBBED ABOVE ACCESSIBLE CEILING SPACE. LAY-IN CEILING: 2X2 METAL CAMERA CEILING TILE WITH ADDITIONAL CEILING GRID SUPPORT. HARD-PAN CEILING: DOUBLE GANG BACK BOX, 2 1/8" DEEP, FLUSH MOUNTED IN CEILING, AND 3/4" CONDUIT PATHWAY STUBBED TO ABOVE ACCESSIBLE CEILING SPACE. SINGLE GANG WEATHERPROOF BACK BOX, 2 1/8" DEEP, FLUSH MOUNTED VERTICALLY, AND 3/4" CONDUIT PATHWAY STUBBED ABOVE ACCESSIBLE CEILING SPACE WITHIN BUILDING. DOUBLE GANG ALUMINUM WEATHERPROOF BACK BOX, 2 1/8" DEEP, SURFACE MOUNTED APPROXIMATELY SAME HEIGHT AS CORNER MOUNT, 3/4" LIQUID-TITE FROM BACK BOX TO CAMERA (WITH DRIP LOOP), AND 3/4" CONDUIT PATHWAY FROM BACK BOX STUBBED TO ABOVE ACCESSIBLE CEILING SPACE WITHIN BUILDING. DOUBLE GANG ALUMINUM WEATHERPROOF BACK BOX, 2 1/8" DEEP, SURFACE MOUNTED ON INSIDE OF PARAPET, 3/4" LIQUID-TITE FROM BACK BOX TO CAMERA (WITH DRIP LOOP), AND 3/4" CONDUIT PATHWAY FROM BACK BOX STUBBED

ALL SYMBOL	S SHOWN MAY NOT APPEAR ON ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND	MAY NOT BE	TO SCA						
CI	2", UNLESS NOTED OTHERWISE, PRE-MANUFACTURED SLEEVE FIRE R	INSTALLATIO	N CONT						
	' THROUGH RATED WALL, EMT SLEEVE THROUGH NON-RATED WALL. VERTICAL CORE AND SLEEVE THROUGH FLOOR. PROVIDE EMT SLEE PLASTIC BUSHING ON BOTH ENDS. REFER TO FLOOR PLANS FOR SIZ								
	MATCH FLOOR BEING PENETRATED. REFER TO ARCHITECTURAL DRA RATINGS.	MATCH FLOOR BEING PENETRATED. REFER TO ARCHITECTURAL DRAWINGS FOR FLOOR RATINGS. 2 POST FREESTANDING EQUIPMENT RACK. SIZE AND LOCATION AS SHOWN ON DRAWINGS AND SPECS.							
100									
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	4 POST FREESTANDING EQUIPMENT RACK. SIZE AND LOCATION AS S AND SPECS.	4 POST FREESTANDING EQUIPMENT RACK. SIZE AND LOCATION AS SHOWN ON DRAWINGS AND SPECS.							
	BASKET TRAY SIZE AND LOCATION AS SHOWN ON DRAWINGS AND S TELECOMMUNICATIONS GROUND BUSS BAR (TGB) - 1/4" X 4" X 12"; CPI		2 012 00						
	EQUAL	FART # 4013.	5-012 OK						
	VOICE/DATA SYMBOLS LEGEND								
ALL SYMBO	LS SHOWN MAY NOT APPEAR ON ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC ANI # = DESIGNATES CABLE/JACK COUNT FOR DEVICE	D MAY NOT BE	E TO SCA						
SYMBOL	DESCRIPTION		MTG. U.N.O.						
#V ▼ #D	VOICE ONLY OUTLET		18"						
₩D ₩V/#D ▼	HOSPITAL DATA NETWORK ONLY OUTLET COMBINATION VOICE & HOSPITAL DATA NETWORK OUTLET		18"						
PM# ▽	PHYSIOLOGICAL MONITORING NETWORK OUTLET		18"						
FM# ▽	FETAL MONITORING NETWORK OUTLET		18"						
PM#/#D ▽	COMBINATION PHYSIOLOGICAL MONITORING NETWORK & HOSPITAL DATA NETWORK (	DUTLET	18"						
W W W ♥	PROVIDE DOUBLE GANG BACK, 2 1/8" DEEP, WITH SINGLE GANG DEVICE COVER AND 1" CONDUIT PATHWAY STUBBED ABOVE ACCESSIBLE CEILING SPACE.	1	48"						
₩ OR ☆			42"						
♥ ♥ ♡	ABOVE COUNTER OUTLET, #=CABLE QUANTITY, MOUNTED ABOVE THE COUNTERTOP. DOUBLE GANG BACK BOX, 2 1/8" DEEP, WITH SINGLE GANG DEVICE COVER AND 1" COM PATHWAY STUBBED ABOVE ACCESSIBLE CEILING SPACE.		42"						
	FLOOR MOUNTED OUTLET, #=CABLE QUANTITY. REFER TO ELECTRICAL (E) SHEETS FO ADDITIONAL ROUGH IN REQUIREMENTS.	)R	FLC						
	CEILING MOUNTED OUTLET, #=CABLE QUANTITY. OUTLET TO BE HOUSED ABOVE ACCE CEILING. CABLE TO LOCATION SHOWN ON THE FLOOR PLANS AND LEAVE A MINIMUM 2 COILED AT THE LOCATION.		AB ACCE CEI						
-⇔_#	DATA OUTLET FOR WIRELESS ACCESS POINT DEVICE, #=CABLE QUANTITY. OUTLET TO ABOVE ACCESSIBLE CEILING UNLESS NOTED OTHERWISE. CABLE TO LOCATION SHOW FLOOR PLANS WITH A MINIMUM 25 FEET COILED AT THE DEVICE LOCATION. CONTRAC RELOCATE OUTLETS AND MOUNT DEVICE PER OWNER'S IT WIRELESS SURVEY.	/N ON THE	AB ACCE CEI						
-\$ #	WIRELESS TELEMETRY MONITORING OUTLET, #=CABLE QUANTITY. OUTLET TO BE LOC ABOVE ACCESSIBLE CEILING SPACE. CABLE TO LOCATION SHOWN ON THE FLOOR PLA LEAVE A MINIMUM 25 FEET COILED AT THE OUTLET LOCATION. ROUTE OTHER END TO TELEMETRY BACKBOARD LOCATION, LEAVING A MINIMUM 15 FEET COILED UP.	ANS AND	AB( ACCE: CEI						
-\$-	DATA OUTLET FOR RTLS DEVICE, #=CABLE QUANTITY. OUTLET TO BE HOUSED ABOVE CEILING UNLESS NOTED OTHERWISE. CABLE TO LOCATION SHOWN ON THE FLOOR PL MINIMUM 25 FEET COILED AT THE DEVICE LOCATION.		AB ACCE CEI						
DEEP, WITH REFER TO A CONTRACTO SIGNAGE, A 48" AFF IND 18" AFF IND 60" AFF IND 80" AFF IND ALL OTHER SOME DEVIC	A, AND/OR COMBONATION OUTLET, #=OUTLET/CABLE QUANTITY, PROVIDE DOUBLE GANG SINGLE GANG DEVICE COVER AND 1" CONDUIT PATHWAY STUBBED ABOVE ACCESSIBLE ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHTS OF ALL DEVICES. OR SHALL COORDINATE EXACT MOUNTING HEIGHTS OF OUTLETS FOR TELEVISIONS, INFO ND/OR OTHER WALL MOUNTED MONITORS WITH VENDOR PROVIDED MOUNTING BRACKE ICATES TO TOP OF DEVICE; ICATES TO CENTER OF DEVICE; ICATES TO BOTTOM OF DEVICE; ICATES	CEILING SPAC D. MONITORS T PRIOR TO RI	ce. , digita Ough in						
	TELEVISION/MONITOR SYMBOLS LEGEND								
ALL SYMBOLS SI	HOWN MAY NOT APPEAR ON ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MA	Y NOT BE TO	SCALE.						
SYMBOL	DESCRIPTION	BACK BOX	MTG. UNO (I						
	TRACKER MONITOR: #=CABLE QUANTITY INFORMATION MONITOR:	D	NO						
INFO/#D	#=CABLE QUANTITY WALL MOUNTED PHYSIOLOGICAL MONITORING TRACKER MONITOR:	D	NO						
MON/FM#	#=CABLE QUANTITY OF PATIENT MONITORING DATA CABLES WALL MOUNTED FETAL MONITORING TRACKER MONITOR:	A	NO						
	#=CABLE QUANTITY OF FETAL MONITORING DATA CABLES SECURITY MONITOR: ONE DATA CABLE	A	NOTI						
TV/#D	ONE DATA CABLE NON-CLINICAL TELEVISION (WAITING RM, BREAK RM, ETC.): TELEVISION OUTLET - ONE RG6 COAX CABLE + #=CABLE QUANTITY OF DATA CABLES	D	NOT						
TV/4	PATIENT ROOM TELEVISION OUTLET: ONE RG6 COAX CABLE, NURSE CALL PILLOW SPEAKER JACK, & FOUR DATA CABLES	E	NOT						
TVJ	TV JUNCTION BOARD. PROVIDE A MINIMUM 4' X 4' OF CLEAR WALL BACKBOARD SPACE FOR CATV EQUIPMENT AND CONNECTIONS. REFER TO CONTRACT DRAWINGS FOR EXACT LOCATION OF TVJ.	N/A	1						
SYMBOL	TELEVISION ROUGH IN LEGEND DESCRIPTION								
А	DOUBLE GANG BACK BOX, 2 1/2" DEEP, WITH SINGLE GANG DEVICE COVER AND 1" COND STUBBED ABOVE ACCESSIBLE CEILING SPACE.	uit pathway	/						
В	DOUBLE GANG BACK BOX, 2 1/2" DEEP, WITH DOUBLE GANG DEVICE COVER AND 1" CONI ABOVE ACCESSIBLE CEILING SPACE.	DUIT PATHWA	Y STUBE						
С	TRIPLE GANG BACK BOX, 2 1/2" DEEP AND 1" CONDUIT PATHWAY STUBBED ABOVE ACCE SPACE. POWER AND LOW VOLTAGE OUTLET SHALL SHARE SAME BACK BOX. CONTRAC VOLTAGE PARTITION WITHIN BACK BOX.								
D	ARLINGTON RECESSED AV BOX (PART # TVBS507). PROVIDE (1) 1" CONDUIT PATHWAY S ACCESSIBLE CEILING SPACE.	TUBBED TO A	BOVE						
E	ARLINGTON RECESSED AV BOX (PART # TVBS613). PROVIDE (1) 1" CONDUIT PATHWAY S ACCESSIBLE CEILING SPACE.	TUBBED TO A	BOVE						
<ol> <li>COORDINA</li> <li>REFER TO</li> <li>REFER TO</li> <li>REFER TO</li> <li>48" AFF IND</li> <li>18" AFF IND</li> <li>60" AFF IND</li> </ol>	TES: ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHTS OF ALL WALL MOUNTED D TE OUTLET LOCATION WITH TV MOUNTING BRACKET PRIOR TO ROUGH IN. RESPONSIBILITY MATRIX FOR OWNERSHIP OF RESPONSIBILITY AT TELEVISION DEVICE OF SECURITY SHEETS FOR DEVICE LOCATION. DICATES TO TOP OF DEVICE; DICATES TO CENTER OF DEVICE; DICATES TO BOTTOM OF DEVICE; DICATES TO BOTTOM OF DEVICE;								

S LEGEND								
E SHOWN SCHEMATIC AND MAY NOT BE TO SCALE.								
MORE INFORMATION. CABLE PATH SHOWN FOR IALL BE FIELD VERIFIED BY INSTALLATION CONTRACTOR.								
FACTURED SLEEVE FIRE RATED PATHWAY DEVICE DUGH NON-RATED WALL.								
OOR. PROVIDE EMT SLEEVE, EQUIPPED WITH TO FLOOR PLANS FOR SIZING. RATING SHALL								
R TO ARCHITECTURAL DRAWINGS FOR FLOOR								
SIZE AND LOCATION AS SHOWN ON DRAWINGS								
SIZE AND LOCATION AS SI	Hown on Dr	AWINGS						
OWN ON DRAWINGS AND SP	ECS.							
R (TGB) - 1/4" X 4" X 12"; CPI	PART # 40153	-012 OR						
EGEND								
RE SHOWN SCHEMATIC AND	MAY NOT BE	TO SCALE.						
T FOR DEVICE								
		MTG. HEIGHT U.N.O. (NOTE 1)						
		18" AFF						
	18" AFF							
		18" AFF						
	18" AFF							
OSPITAL DATA NETWORK OUTLET 18" AFF								
ATE, 1 VOICE/DATA CABLE. ANG DEVICE COVER AND 1"		48" AFF						
SPACE. TE, 1 VOICE/DATA CABLE,								
E ACCESSIBLE CEILING SPA	, 2 1/8" DEEP, WITH SINGLE GANG 42" AFF ACCESSIBLE CEILING SPACE.							
BOVE THE COUNTERTOP. PROVIDE DEVICE COVER AND 1" CONDUIT 42" AFF								
ELECTRICAL (E) SHEETS FOI	LECTRICAL (E) SHEETS FOR FLOOR							
	D BE HOUSED ABOVE ACCESSIBLE     ABOVE       IS AND LEAVE A MINIMUM 25 FEET     ACCESSIBLE							
BLE QUANTITY. OUTLET TO CABLE TO LOCATION SHOWI		CEILING ABOVE ACCESSIBLE						
VICE LOCATION. CONTRACT WIRELESS SURVEY.		CEILING						
ANTITY. OUTLET TO BE LOC/ SHOWN ON THE FLOOR PLA DN. ROUTE OTHER END TO 5 FEET COILED UP.	NS AND	ABOVE ACCESSIBLE CEILING						
ET TO BE HOUSED ABOVE A SHOWN ON THE FLOOR PLA		ABOVE ACCESSIBLE CEILING						
Y, PROVIDE DOUBLE GANG								
BBED ABOVE ACCESSIBLE ( OF ALL DEVICES. ETS FOR TELEVISIONS, INFC	. Monitors,	DIGITAL						
VIDED MOUNTING BRACKET	PRIOR TO RO	DUGH IN.						
NT SERVED BY OUTLET. SE	E ABBREVIA	FIONS FOR						
OLS LEGEND								
IOWN SCHEMATIC AND MAY	NOT BE TO S	SCALE.						
	BACK BOX	MTG. HEIGHT UNO (NOTE 1)						
	D	NOTE 2						
	D	NOTE 2						
IITOR:	А	NOTE 2						
	A NOTE 2							
A NOTE 2 & 4								
TITY OF DATA CABLES D NOTE 2 & 3								
& FOUR DATA CABLES E NOTE 2 & 3								
VALL IS. REFER TO	N/A	N/A						
LEGEND								
VICE COVER AND 1" CONDU	JIT PATHWAY							
EVICE COVER AND 1" COND	UIT PATHWA	Y STUBBED						
AY STUBBED ABOVE ACCES								
AY STUBBED ABOVE ACCES ME BACK BOX. CONTRACT		-						

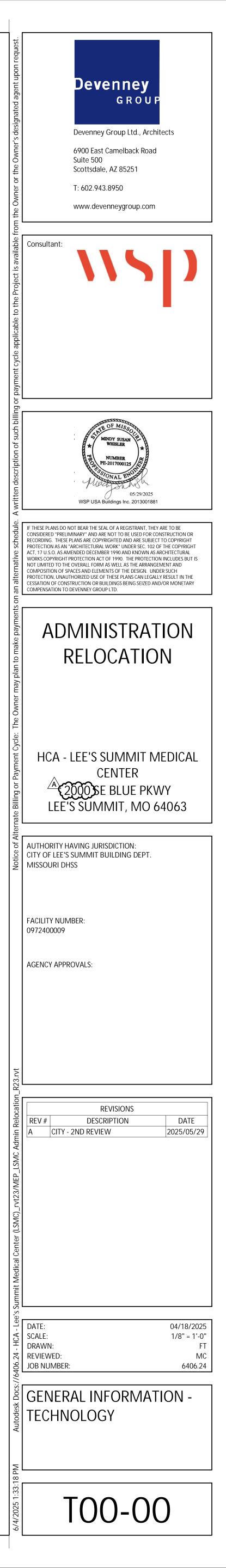
# E (1) 1" CONDUIT PATHWAY STUBBED TO ABOVE

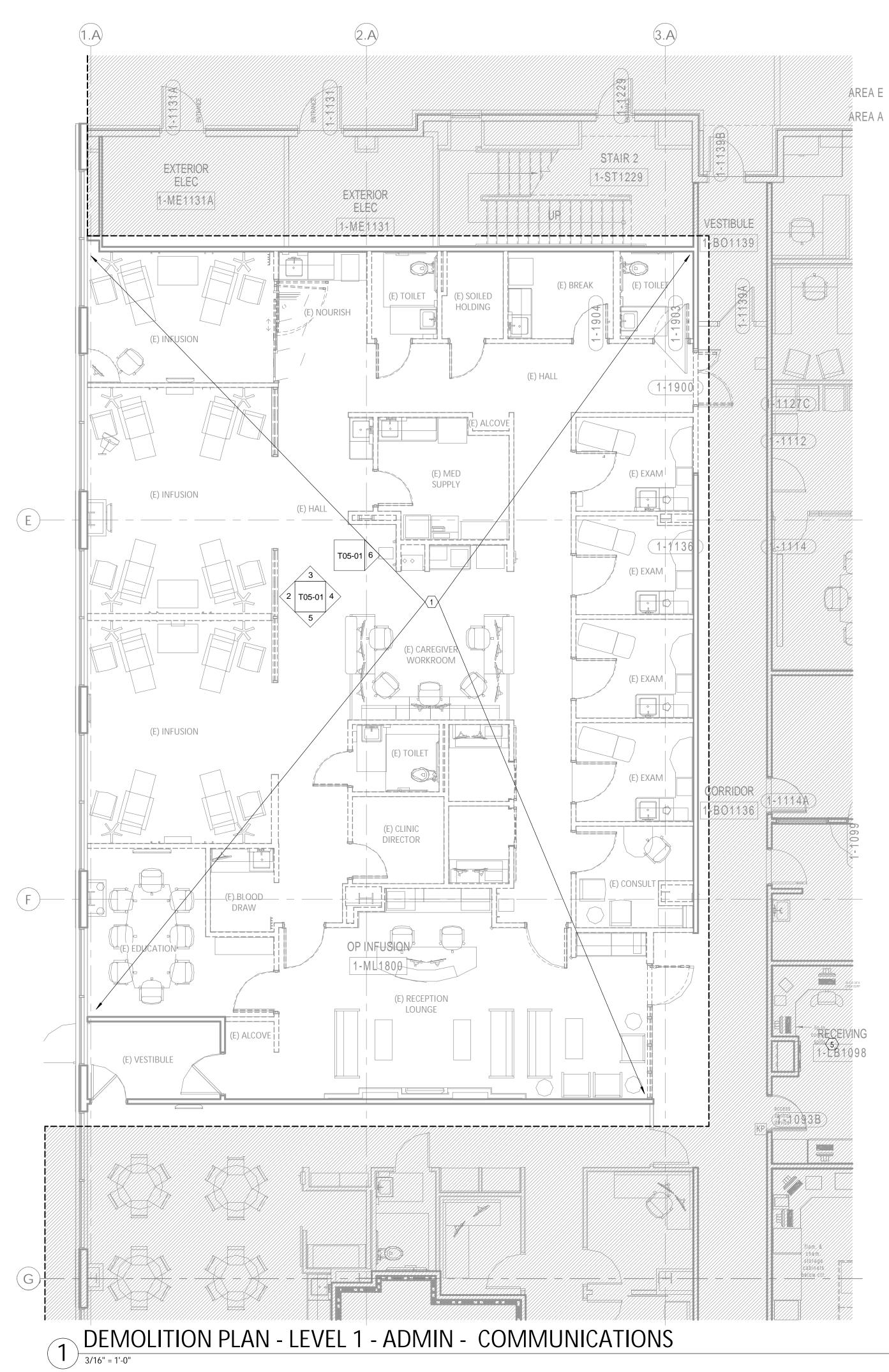
#### TECHNOLOGY GENERAL NOTES:

- 1. CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING THEIR PROPOSAL AND BECOME FAMILIAR WITH THE CONDITIONS UNDER WHICH THE WORK WILL BE PERFORMED, AND CORRELATE THEIR SITE OBSERVATIONS WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. INCONSISTENCIES DISCOVERED SHALL BE REPORTED TO THE ARCHITECT AND ENGINEER AT
- ONCE, BEFORE SUBMITTAL OF BID PROPOSAL. 2. ALL COMMUNICATIONS PRODUCTS AND INSTALLATIONS SHALL COMPLY WITH ALL APPLICABLE STATE AND LOCAL CODES. REFER TO MANUFACTURER'S SPECIFICATIONS FOR MATERIALS AND METHODS FOR COMMUNICATIONS CONSTRUCTION. 3. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, PAY ALL FEES, AND COMPLY WITH ALL NATIONAL, STATE, AND
- MUNICIPAL LAWS, CODES, AND ORDINANCES RELATING TO BUILDING AND PUBLIC SAFETY. 4. CONTRACTOR SHALL FURNISH ALL MATERIALS, EQUIPMENT, AND LABOR REQUIRED FOR A COMPLETE WORKING AND COORDINATED SYSTEM.
- 5. UNLESS OTHERWISE NOTED ALL EQUIPMENT AND MATERIALS SHALL BE NEW AND U.L. LISTED OR LABELED. EQUIPMENT AND MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, AND LISTINGS OR LABELING REQUIREMENTS AND RESTRICTIONS. PROVIDE SUBMITTAL DATA AS DEPICTED IN THE COMMUNICATIONS SPECIFICATIONS. 6. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR APPROVAL OF ALL COMMUNICATIONS MATERIALS PROPOSED TO BE PROVIDED UNDER THIS CONTRACT. ANY DEVIATIONS FROM ITEMS SPECIFIED SHALL BE CLEARLY IDENTIFIED AND APPROVED.
- NO WORK IS AUTHORIZED WITHOUT SHOP DRAWINGS REVIEWED BY ENGINEER. 7. REFER TO AND COORDINATE WITH ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHTS OF ALL DEVICES AND EQUIPMENT.
- 8. REFER TO AND COORDINATE WITH DIVISION 23 AND 26 FOR THE LOCATION OF ALL ITEMS LOCATED IN THE CEILING INCLUDING, BUT NOT LIMITED TO SUPPLY-AIR DIFFUSERS, RETURN-AIR DIFFUSERS AND FIRE SPRINKLER HEADS. 9. ALL PENETRATIONS THROUGH FIRE RATED WALLS OR PARTITIONS SHALL BE MADE IN ACCORDANCE WITH U.L. 483 "FIRE
- RESISTANCE DIRECTORY". PENETRATIONS SHALL BE SLEEVED AND SEALED WITH A UL APPROVED FIRE RATED SEALANT. REFER TO ARCHITECTURAL LIFE SAFETY PLANS FOR FIRE RATED WALL LOCATIONS.
- 10. CONTRACTOR SHALL COORDINATE AND SCHEDULE ALL OUTAGES WITH OWNER'S REPRESENTATIVE. 11. CONTRACTOR SHALL WARRANTY WORK FOR ONE (1) YEAR FROM THE COMPLETION OF THE PROJECT AND PROVIDE OWNER WITH AS-BUILT DRAWINGS.
- 12. SPACE ALLOCATIONS FOR MATERIALS, EQUIPMENT AND DEVICES HAVE BEEN MADE ON THE BASIS OF PRESENT AND KNOWN FUTURE REQUIREMENTS AND THE DIMENSIONS OF ITEMS OF EQUIPMENT AND/OR DEVICES OF A PARTICULAR MANUFACTURER WHETHER INDICATED OR NOT. THE CONTRACTOR SHALL VERIFY THAT ALL MATERIALS, EQUIPMENT AND DEVICES PROPOSED FOR USE ON THIS PROJECT ARE WITHIN THE CONSTRAINTS OF THE ALLOCATED SPACE.
- 13. ALL EMPTY CONDUIT SYSTEMS SHALL CONTAIN A PULL WIRE FOR FUTURE PULLING OF CONDUCTORS. 14. DEVICES LOCATED WITHIN MECHANICAL/ELECTRICAL SPACES AND/OR CENTRAL UTILITY PLANT SHALL BE INSTALLED IN CONDUIT PATHWAYS FROM DEVICE LOCATION TO ACCESSIBLE CEILING SPACE WITHIN THE NEAREST CORRIDOR OR DIRECTLY TO IDF ROOM. CONDUIT PATHWAY MAY BE COMBINED INTO A JUNCTION POINT AND ROUTED THROUGH LARGER CONDUIT WHERE APPLICABLE. CONDUITS SHALL BE SIZED AT 40% FILL CAPACITY AT TIME OF INSTALLATION.
- 15. COMMUNICATIONS/LOW-VOLTAGE/SECURITY CABLING SHALL BE RATED FOR THE ENVIRONMENT THAT IT IS TO BE INSTALLED (CMP - PLENUM RATED SPACES, CMR - NON-PLENUM RATED SPACES, OUTDOOR RATED CABLING, ETC.) WHERE APPLICABLE. 16. ALL UNDER SLAB OR IN-SLAB CONDUITS SHALL BE INSTALLED IN A MANNER THAT PREVENTS WATER INFILTRATION OF THE CONDUIT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE GROUND WATER, RAIN WATER OR CONSTRUCTION WATER IS PREVENTED FROM ENTERING AND/OR REMOVED FROM THE CONDUITS PRIOR TO PLACEMENT OF COMMUNICATIONS CABLES. SEE ELECTRICAL SPECIFICATIONS, DETAILS AND PLANS FOR ADDITIONAL CONDUIT SEALING REQUIREMENTS.
- 17. ALL CONDUIT STUBS AND/OR EMT SLEEVES SHALL BE FITTED WITH PLASTIC PROTECTIVE BUSHINGS. BUSHINGS SHALL BE RATED FOR THE ENVIRONMENT THEY ARE TO BE INSTALLED. 18. ALL COMMUNICATIONS/LOW-VOLTAGE/SECURITY CONDUITS SIZED 2" OR LARGER SHALL HAVE A MINIMUM BEND RADIUS OF 10:1
- OF THE INSIDE DIAMETER FOR ALL ELBOWS. ALL CONDUIT 2" OR SMALLER SHALL HAVE A MINIMUM BEND RADIUS OF 6:1 OF THE INSIDE DIAMETER FOR ALL ELBOWS. 19. CONDUITS 2" AND SMALLER GENERALLY DO NOT APPEAR ON DRAWINGS EXCEPT FOR SPECIFIC CONDITIONS, BUT ARE REQUIRED. REFER TO CONTRACT DOCUMENTS (INCLUDING SCHEDULES, SHEET NOTES, DETAILS AND SPECIFCATIONS) FOR
- ADDITIONAL INFORMATION. 20. SPACE ALLOCATIONS FOR MATERIALS, EQUIPMENT AND DEVICES HAVE BEEN MADE ON THE BASIS OF PRESENT AND KNOWN FUTURE REQUIREMENTS AND THE DIMENSIONS OF ITEMS OF EQUIPMENT OR DEVICES OF A PARTICULAR MANUFACTURER, WHETHER INDICATED OR NOT. THE CONTRACTOR SHALL VERIFY THAT ALL MATERIALS, EQUIPMENT AND DEVICES PROPOSED FOR USE ON THIS PROJECT ARE WITHIN THE CONSTRAINTS OF THE ALLOCATED SPACE.

ABBREV	ATIONS
ACP	ACCESS CONTROL PANEL
AFC	ABOVE FINISHED COUNTER
AFF	ABOVE FINISHED FLOOR
AHU	AUTHORITY HAVING JURISDICTION
AMP	OVERHEAD PAGING AMPLIFIER
AV	AUDIO VISUAL EQUIPMENT (COORDINATE OUTLET INSTALLATION WITH AV VENDOR)
BAS/BMS	BUILDING AUTOMATION/MANAGEMENT SYSTEM (COORDINATE OUTLET INSTALLATION WITH BAS EQ. VENDOR)
BFC	BELOW FINISHED CEILING
BVC	BABY VIEWING CAMERA DEVICE
CAB	CABINET
CCI	WALL MOUNTED "CCI" WORKSTATION (IF APPLICABLE)
CLK	WALL CLOCK
CPU	COMPUTER WORKSTATION
СТ	CABLE TRAY
DAS	DISTRIBUTED ANTENNA SYSTEM
DEMARC	DEMARCATION ROOM
DIA	DIAMETER
EMT	ELECTRICAL METAL TUBING
EQ	EQUIPMENT
(EX) FM	EXISTING FETAL MONITORING
HUGS	INFANT PROTECTION SYSTEM
IDF	INTERMEDIATE DISTRIBUTION FRAME (SEE TDR)
INFO	INFORMATION MONITOR
LV	LOW VOLTAGE
MAX	MAXIMUM
MDF	MAIN DISTRIBUTION FRAME (SEE TEC)
MEDS	MEDICATION DISTRIBUTION EQUIPMENT
MFR	MANUFACTURER
MIN	MINIMUM
MON	MONITOR
NA	NOT APPLICABLE
NC	NURSE CALL
NTS	NOT TO SCALE
OR INT.	OPERATING ROOM INTEGRATION EQUIPMENT (COORDINATE OUTLET INSTALLATION WITH OR INT. VENDOR)
PACS	PACS VIEWING STATION
PM	PHYSIOLOGICAL/PATIENT MONITORING
PROX	WALL MOUNTED "PROXIMITY SYSTEMS" WORKSTATION (IF APPLICABLE)
PTS	PNUEMATIC TUBE SYSTEM (COORDINATE OUTLET INSTALLATION WITH PTS VENDOR)
RTLS	REAL-TIME LOCATING SYSTEM
TC	EMPLOYEE TIME CLOCK
TDR TEC	TELECOMMUNICATIONS DISTRIBUTION ROOM (SEE IDF) TELECOMMUNICATIONS EQUIPMENT CENTER (SEE MDF)
TELE	TELEMETRY SYSTEM
TRK	TRACKER MONITOR
TV	TELEVISION
UNO	UNLESS NOTED OTHERWISE
UON	UNLESS OTHERWISE NOTED
W	WALL PHONE
WAP	WIRELESS ACCESS POINT
WP	WEATHERPROOF
WRK	WALL MOUNTED WORKSTATION ON ARM

	PUBLIC A	ADDRESS LEGEND							
ALL SYMBOLS S	HOWN MAY NOT APPEAR ON ALL DRAWINGS. SYN	ABOLS ARE SHOWN SCHEMATIC AND MAY NOT BE	TO SCALE.						
SYMBOL	SYMBOLMTG. HEIGHT UNO (NOTE 1)								
© Z M	<u>PA SPEAKER</u> Z = ZONE NUMBER M = MOUNT	M: C = LAY IN CEILING PD = PENDANT F = CEILING FLUSH (HARD LID) W = WALL P = POLE L = LANDSCAPE	NA						
H Z	<u>PA SPEAKER - HORN TYPE</u> Z = ZONE NUMBER M = MOUNT	M: W = WALL P = POLE L = LANDSCAPE	NA						
Vz	Z PA VOLUME CONTROL - DOUBLE GANG BACKBOX, 2 1/2" DEEP, WITH SINGLE GANG DEVICE COVER, 3/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING SPACE. Z = ZONE NUMBER 48" AF								
AMP Z	<u>PA AMPLIFIER</u> Z = ZONE NUMBER M = MOUNT	M: W = WALL SHELF R = RACK/CABINET	NA						
PAHE M Z	<u>PA HEADEND - MIXER, AUDIO INPUTS AND</u> <u>CONTROLS</u> Z = ZONE NUMBER M = MOUNT	M: W = WALL SHELF R = RACK/CABINET	NA						
2. 48" AFF IND 18" AFF IND 60" AFF IND 80" AFF IND	<u>S NOTES:</u> FE WITH ARCHITECTURAL ELEVATIONS FOR EXAC ICATES TO TOP OF DEVICE; ICATES TO CENTER OF DEVICE; ICATES TO BOTTOM OF DEVICE; ICATES TO BOTTOM OF DEVICE; MOUNTING HEIGHTS REFER TO CENTERLINE OF		EVICES.						



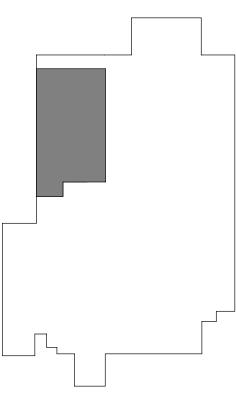


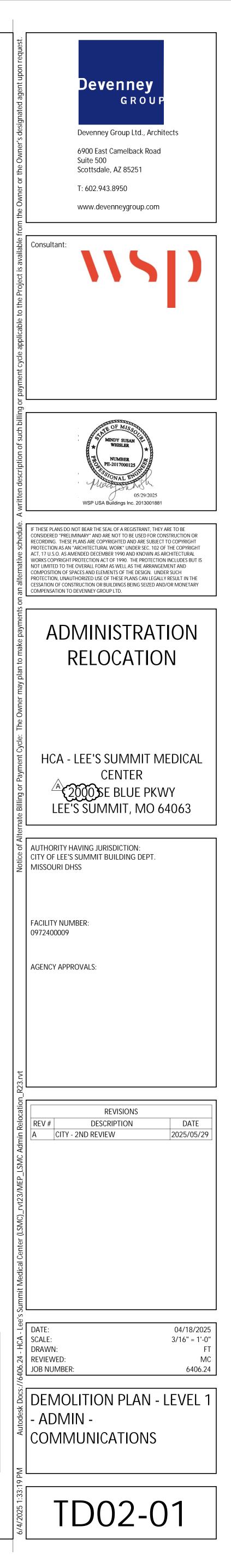
#### <u>GENERAL NOTES:</u>

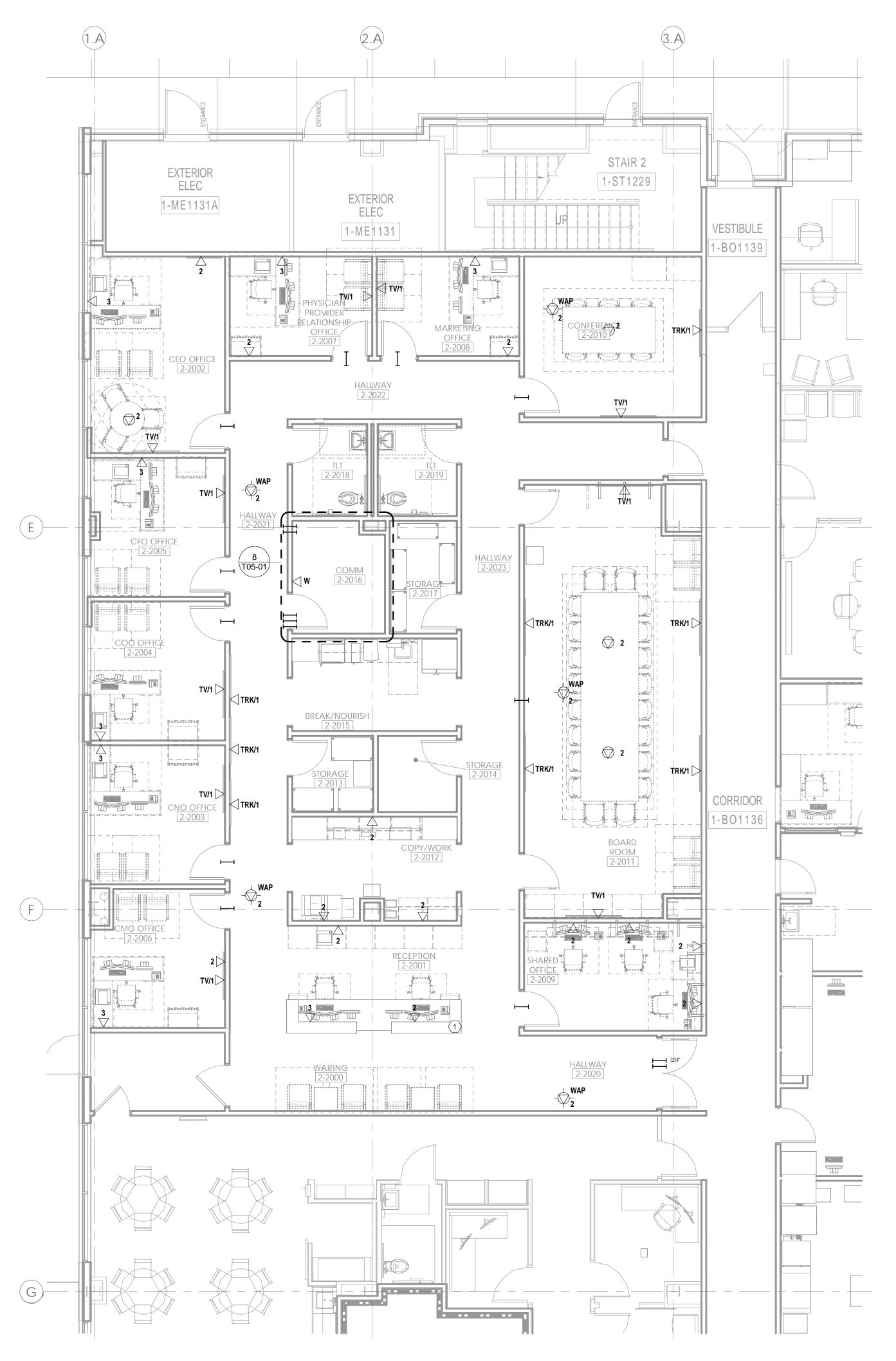
- A. ALL EXISTING DEVICES MAY NOT BE SHOWN ON PLAN. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND COORDINATE WITH ARCHITECTURAL PLANS AND OTHER TRADES TO DETERMINE THE OUTCOME OF EACH DEVICE. WHERE NO CONSTRUCTION IS TO OCCUR, EXISTING DEVICES SHALL BE PROTECTED IN PLACE AND REMAIN IN OPERATION THROUGHOUT DURATION OF ALL PROJECT PHASES.
- B. INFORMATION PROVIDED ON THESE DRAWINGS HAVE BEEN TAKEN FROM DESIGN DRAWING AND FIELD OBSERVATIONS. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO PRICING AND COMMENCEMENT OF WORK. C. PROVIDE FOR ANY AND ALL DEMOLITION WORK NECESSARY TO ACCOMMODATE ALL NEW
- CONSTRUCTION, INCLUDING ARCHITECTURAL, MECHANICAL, PLUMBING AND/ OR ELECTRICAL WORK. D. WHERE EXISTING WALLS ARE BEING DEMOLISHED, REMOVE ALL EXISTING COMMUNICATIONS/ LOW VOLTAGE DEVICES AND THEIR ASSOCIATED CONDUITS, BACKBOXES AND CABLING BACK TO POINT OF ORIGINATION. EXISTING CABLING PASSING THROUGH DEMO AREA, NOT BEING DEMOLISHED, SHALL BE SUPPORTED UTILIZING J-HOOK CABLE SUPPORTS INSTALLED PER DIVISION 27 SPECIFICATIONS. E. CONTRACTOR SHALL COORDINATE THE REMOVAL OR RELOCATION OF ALL COMMUNICATIONS/ LOW
- VOLTAGE DEVICES (INCLUDING BUT NOT LIMITED TO VOICE, DATA, OVERHEAD PAGING, VIDEO SURVEILLANCE CAMERAS, PHYSIOLOGICAL MONITORING, TELEMETRY, NURSE CALL, SECURITY ACCESS CONTROL, ETC.) WITH ARCHITECTURAL DRAWINGS. F. CONTRACTOR IS RESPONSIBLE FOR RESTORATION OF DAMAGE TO FIREPROOFING, FINISHES OR STRUCTURE CAUSED BY TELECOM, LOW-VOLTAGE, OR SECURITY CONTRACTORS. RESTORATION SHALL BE RESTORED TO "SAME CONDITION" AS BEFORE DAMAGE OCCURED. CONTRACTOR SHALL
- OBTAIN WRITTEN ACCEPTANCE OF RESTORATION FROM OWNER. IF DEMOLITION IS REQUIRED TO INSTALL AN ITEM, THE CONTRACTOR SHALL RESTORE THE AREA TO PREVIOUS CONDITION, OR REPLACE DAMAGED ITEMS WITH NEW ITEMS TO MATCH EXISTING. G. WHERE AREAS BEING DEMOLISHED CONTAIN INFANT PROTECTION SYSTEM (IPS) DEVICES, CONTRACTOR SHALL DISABLE IPS EQUIPMENT AND PROVIDE INTERIM SYSTEM PROGRAMMING PRIOR TO REMOVAL TO PREVENT FALSE ALARMING AND LOCKDOWN OF DEMOLITION AREA.

#### (#) LEGEND NOTES

1. EXISTING WALL MOUNTED AND CEILING DEVICES AND ASSOCIATED CABLING, CONDUIT AND BACKBOXES WITHIN WALL/AREA SHALL BE DEMOLISHED TO POINT OF ORIGINATION. EXISTING CABLING ROUTING THROUGH THIS AREA THAT IS NOT TO BE DEMOLISHED SHALL BE SUPPORTED BY J-HOOK STYLE SUPPORTS INSTALLED PER DIVISION 27 SPECIFICATIONS.







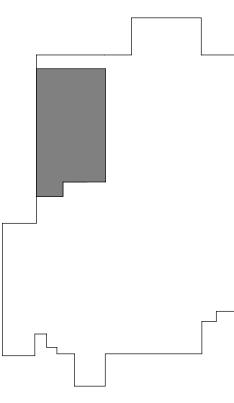
1 FLOOR PLAN - LEVEL 1 - ADMIN - COMMUNICATIONS

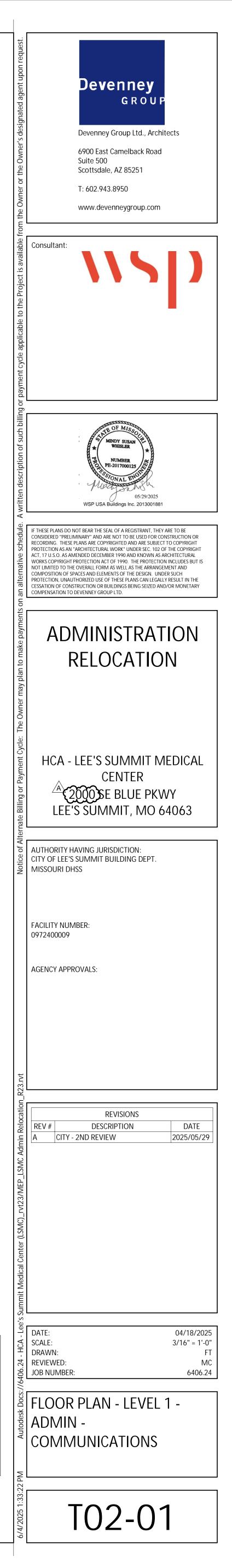
#### <u>GENERAL NOTES:</u>

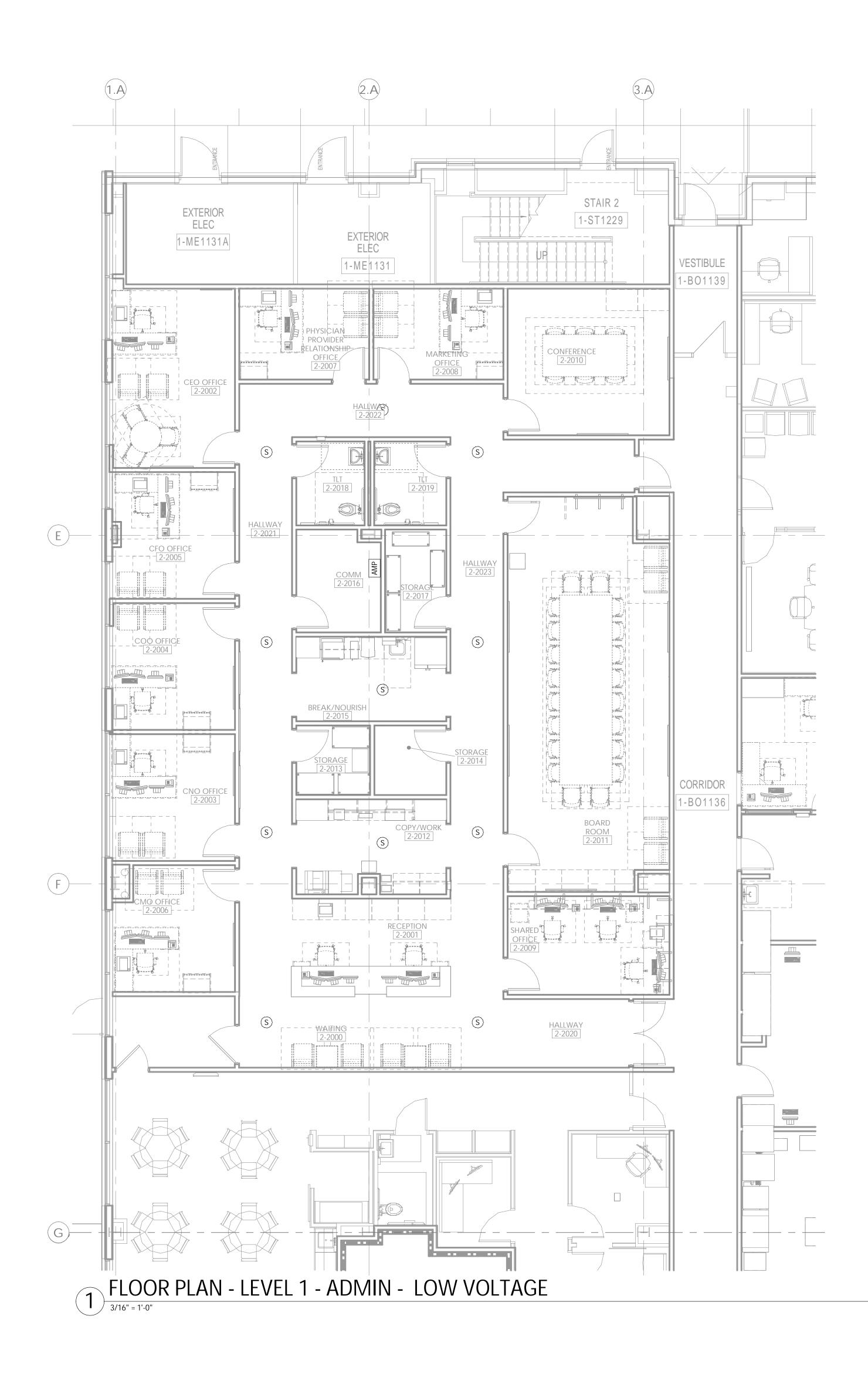
- A. REFER TO AND COORDINATE WITH ARCHITECTURAL PLANS, ELEVATIONS, AND DETAILS FOR EXACT LOCATIONS OF ALL DEVICES.
- B. REFER TO SHEET T00-00 FOR GENERAL NOTES AND SYMBOLS APPEARING ON THIS SHEET.
  C. ALL DEVICES WITHIN ROOMS CONTAINING HARD PAN CEILINGS SHALL HAVE CONDUITS ROUTED TO ABOVE ACCESSIBLE CEILING SPACE IN CORRIDOR.
- D. COMMUNICATIONS CONDUIT PATHWAYS SHALL NOT CONTAIN ANY LENGTH GREATER THAN 100 FEET BETWEEN PULL POINTS. NO SECTION OF CONDUIT SHALL CONTAIN MORE THAN TWO 90-DEGREE BENDS, OR EQUIVALENT, BETWEEN PULL POINTS. IF THERE IS REVERSE BEND IN THE SECTION, A PULL POINT SHALL BE INSTALLED. PULL BOXES SHALL NOT BE USED IN LIEU OF BENDS. THE INSIDE RADIUS OF ALL CONDUIT BENDS SHALL BE AT LEAST 10 TIMES THE INTERNAL DIAMETER. BENDS IN CONDUIT SHALL NOT CONTAIN ANY KINKS OR OTHER DISCONTINUITIES THAT MAY HAVE A DETRIMENTAL EFFECT ON THE CABLE SHEATH DURING INSTALLATION. NO DAISY CHAINING OF BACK
- BOXES ALLOWED UNLESS OTHERWISE NOTED.
   ALL CABLING SHALL BE SUPPORTED ABOVE ACCESSIBLE CEILING SPACE USING LOW-VOLTAGE SUPPORTS SIZED AT 40% FILL BASED ON CURRENT NEEDS.

#### *IEGEND NOTES*

1. CONTRACTOR SHALL PROVIDE (1) 2" AND (1) 1" CONDUIT PATHWAY FROM WITHIN MILLWORK TO NEAREST ACCESSIBLE ABOVE CEILING SPACE FOR CABLING PATHWAY.



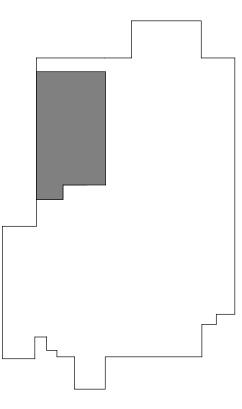


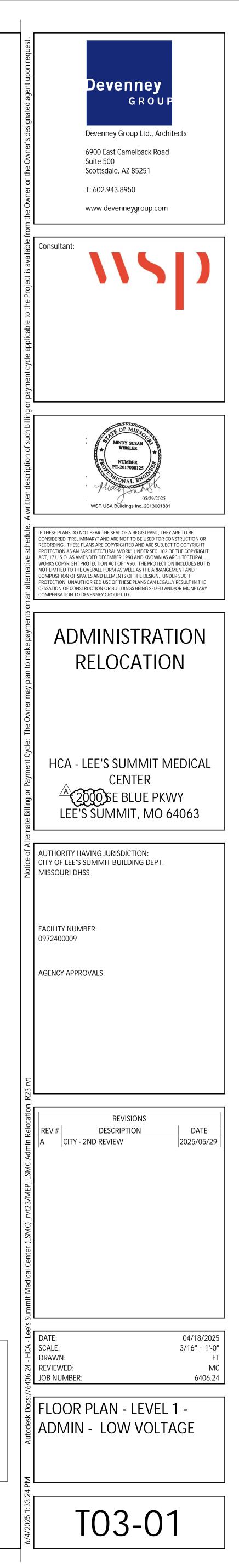


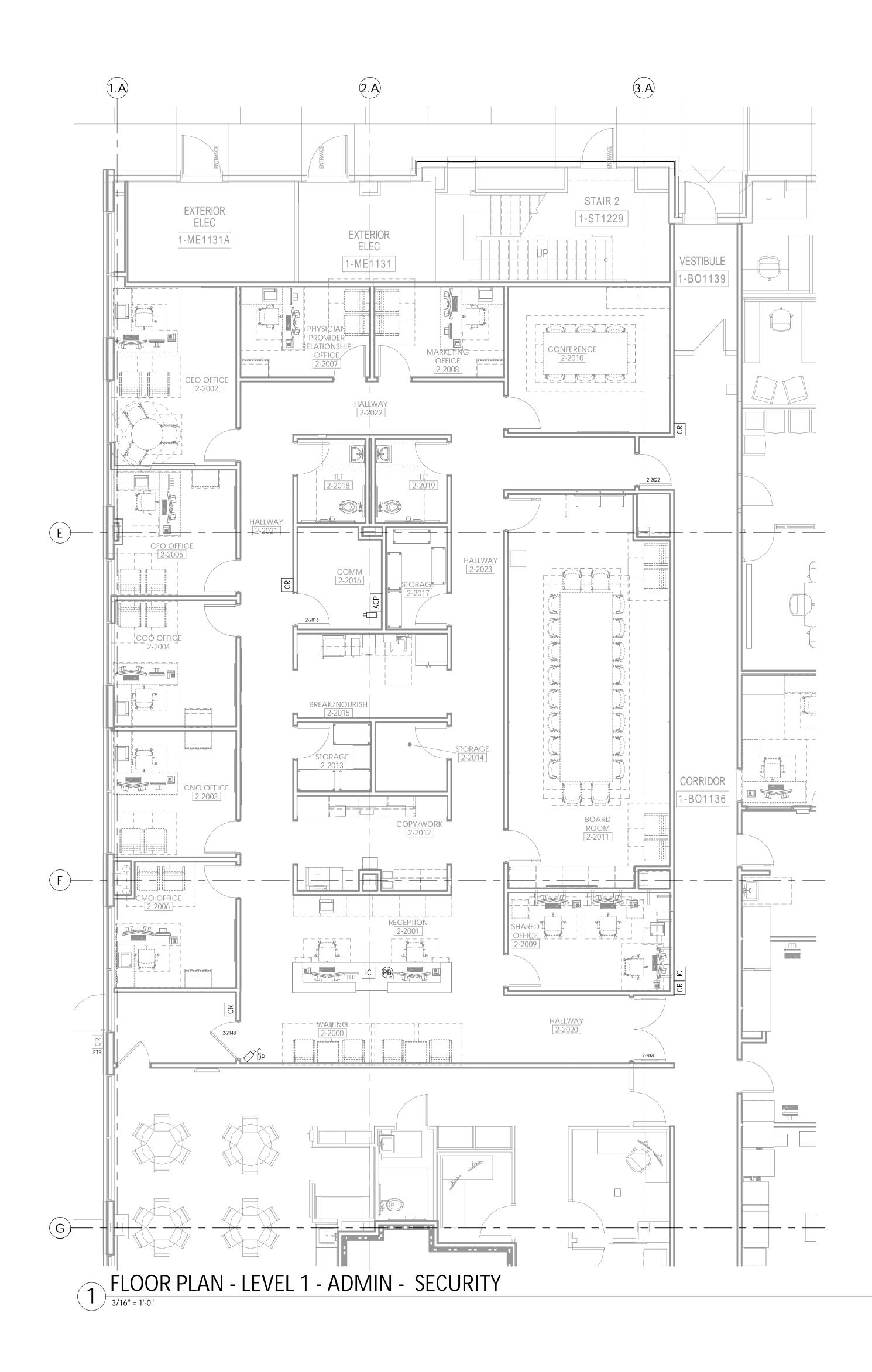
### **GENERAL NOTES:**

- A. REFER TO AND COORDINATE WITH ARCHITECTURAL PLANS, ELEVATIONS, AND DETAILS FOR EXACT LOCATIONS OF ALL DEVICES.B. REFER TO SHEET T00-00 FOR GENERAL NOTES AND SYMBOLS APPEARING ON THIS SHEET.
- C. ALL DEVICES WITHIN ROOMS CONTAINING HARD PAN CEILINGS SHALL HAVE CONDUITS ROUTED TO ABOVE ACCESSIBLE CEILING SPACE IN CORRIDOR.
  D. COMMUNICATIONS CONDUIT PATHWAYS SHALL NOT CONTAIN ANY LENGTH GREATER THAN 100 FEET BETWEEN PULL POINTS. NO SECTION OF CONDUIT SHALL CONTAIN MORE THAN TWO 90-DEGREE BENDS, OR EQUIVALENT, BETWEEN PULL POINTS. IF THERE IS REVERSE BEND IN THE SECTION, A PULL POINT SHALL BE INSTALLED. PULL BOXES SHALL NOT BE USED IN LIEU OF BENDS. THE INSIDE RADIUS OF ALL CONDUIT BENDS SHALL BE AT LEAST 10 TIMES THE INTERNAL DIAMETER. BENDS IN CONDUIT SHALL NOT CONTAIN ANY KINKS OR OTHER DISCONTINUITIES THAT MAY HAVE A DETRIMENTAL EFFECT ON THE CABLE SHEATH DURING INSTALLATION. NO DAISY CHAINING OF BACK
- BOXES ALLOWED UNLESS OTHERWISE NOTED. E. ALL CABLING SHALL BE SUPPORTED ABOVE ACCESSIBLE CEILING SPACE USING LOW-VOLTAGE
- SUPPORTS SIZED AT 40% FILL BASED ON CURRENT NEEDS.
   F. ALL OVERHEAD PAGING SPEAKERS SHOWN SHALL BE DAISY-CHAINED USING PUBLIC ADDRESS CALL CABLE TYPE "S".
- G. CONTRACTOR SHALL SIZE PAGING AMPLIFIER TO PROVIDE A 40% GROWTH RATE AT TIME OF INSTALLATION. OVERHEAD PAGING EQUIPMENT WILL BE HOUSED IN ONE IDF ROOM PER FLOOR AS NOTED PER ENLARGED FLOOR PLANS.
- H. CONTRACTOR SHALL LABEL BOTH ENDS OF NURSE CALL CABLE TO CLEARLY IDENTIFY WHAT ROOM/SPACE & DEVICE EACH CABLE IS ASSOCIATED WITH.
  I. CONTRACTOR SHALL LEAVE A MINIMUM OF 18 INCHES OF SLACK AT ALL WALL MOUNTED NURSE CALL DEVICES, 15 FEET AT ALL CEILING MOUNTED NURSE CALL DEVICES, AND 25 FEET OF SLACK AT TE

NURSE CALL HEADEND PANEL/NETWORK SWITCH LOCATION.

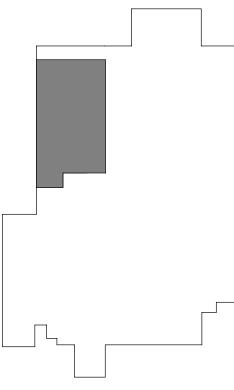


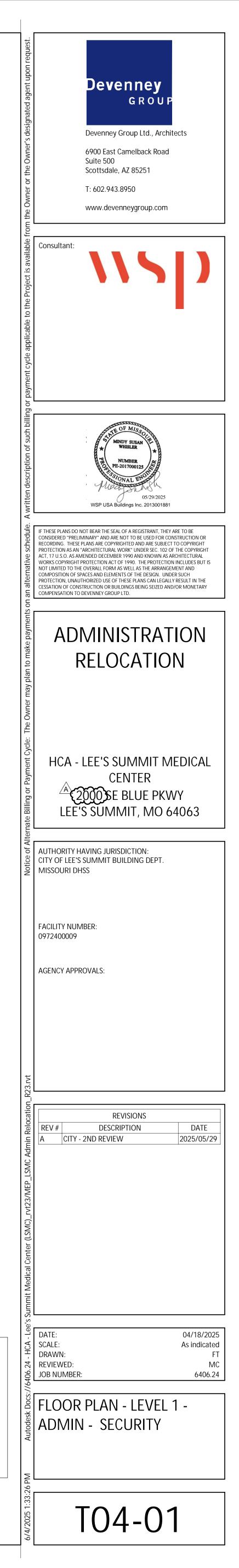




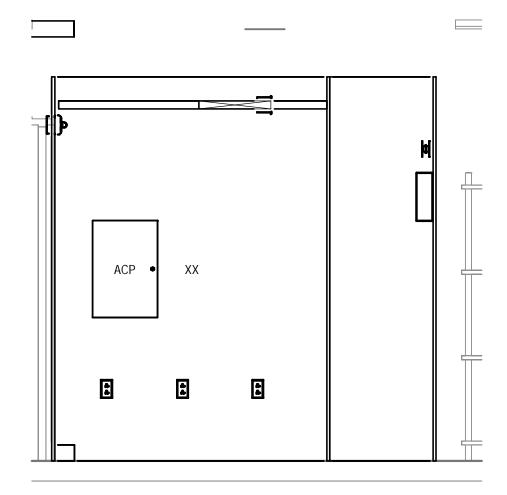
#### GENERAL NOTES

- A. REFER TO SHEET T00-00 FOR SYMBOLS AND ADDITIONAL GENERAL NOTES PERTAINING TO THIS SHEET.
- B. REFER TO AND COORDINATE WITH ARCHITECTURAL PLANS, ELEVATIONS, AND DETAILS FOR EXACT LOCATIONS OF ALL WALL MOUNTED DEVICES.
- C. ALL DEVICES WITHIN AREAS OF HARD PAN CEILINGS SHALL BE PIPED TO ABOVE ACCESSIBLE CEILING SPACE IN CORRIDOR.
- D. ALL LOW VOLTAGE CABLES SHALL BE INSTALLED IN LOW VOLTAGE CABLING SUPPORT SYSTEM.
  E. COMMUNICATIONS CONDUIT PATHWAYS SHALL NOT CONTAIN ANY LENGTH GREATER THAT 100 FEET BETWEEN PULL POINTS. NO SECTION OF CONDUIT SHALL CONTAIN MODE THAN TWO OF DECEMPTION OF CONDUIT SHALL CONTAIN
- MORE THAN TWO 90 DEGREE BENDS, OR EQUIVALENT, BETWEEN PULL POINTS.
  F. WIRING TO DEVICES SHALL MEET OR EXCEED MANUFACTURER SPECIFICATIONS.
  G. DOOR HARDWARE PROVIDED AND/ OR INSTALLED BY DIVISION 08 IS SHOWN FOR COORDINATION PURPOSES ONLY. EXACT LOCATION AND INSTALLATION METHODS FOR THESE DEVICES SHALL BE BY DIVISION 08.
- H. SECURITY/ ACCESS CONTROL, DOOR HARDWARE, AND ELECTRICAL CONTRACTORS SHALL COORDINATE FOR INFRASTRUCTURE, INSTALLATION, AND OPERATIONAL VERIFICATION OF ACCESS CONTROLLED DOOR SYSTEMS PRIOR TO ROUGH-IN.
- I. NOT ALL DOOR DEVICES MAY BE SHOWN ON THIS SHEET. REFER TO DIVISION 08 DOOR HARDWARE SPECIFICATION FOR HARDWARE LISTING.
   J. SEPARATE POWER SUPPLIES MAY BE REQUIRED. REFER TO DIVISION 08 DOOR
- HARDWARE SPECIFICATION AND MANUFACTURER REQUIREMENTS. DIVISION 26 CONTRACTOR SHALL PROVIDE POWER CIRCUIT AS REQUIRED.
- K. ALL DOORS HAVING A CARD READER SHALL BE PROVIDED WITH DOOR CONTACT(S) AND A REQUEST-TO-EXIT SIGNALING DEVICE FOR DOOR STATUS/ DOOR FORCED NOTIFICATION CAPABILITY.
  L. DOOR STATUS SWITCH LOCATION MAY REQUIRE ADJUSTMENT DUE TO DOOR HARDWARE INTERFERENCE. DOOR STATUS SWITCH SHALL BE INSTALLED AS CLOSE TO
- DOOR STRIKE SIDE OF FRAME AS POSSIBLE. M. SECURITY AND DOOR HARDWARE CONTRACTORS SHALL PROVIDE PROPER DELAY/ SYNCHRONIZATION BETWEEN LOCKS, LATCHES, MAGNETIC LOCKS, AND AUTO OPERATORS AS PER DOOR HARDWARE SPECIFICATIONS OPERATIONAL NOTES.
- N. ACCESS CONTROL JUNCTION BOX SHALL BE INSTALLED ON SECURE SIDE OF DOOR, IN AN ACCESSIBLE LOCATION. BOX SHALL BE MINIMUM 4X4 DEEP BOX WITH BLANK COVER PLATE. PROVIDE 1" MT PATHWAY FROM BOX TO SECURE SIDE OF WALL.
  O. FIRE DROP RELAY SHALL BE PROVIDED BY FIRE ALARM CONTRACTOR FOR DOOR HARDWARE AND POWER SUPPLIES REQUIRING A FIRE ALARM INTERFACE.
- P. CEILING MOUNTED VIDEO SURVEILLANCE CAMERAS SHALL BE PROVIDED WITH A 15' CABLE SERVICE LOOP ABOVE CEILING AT CAMERA END.
- Q. VIDEO SURVEILLANCE CAMERA SHOWN IN COMM ROOM FOR COORDINATION PURPOSES ONLY. CAMERA SHALL PATCH DIRECTLY INTO NETWORK SWITCH LOCATED WITHIN THIS ROOM. ADDITIONAL CABLING AND TERMINATION IS NOT REQUIRED.

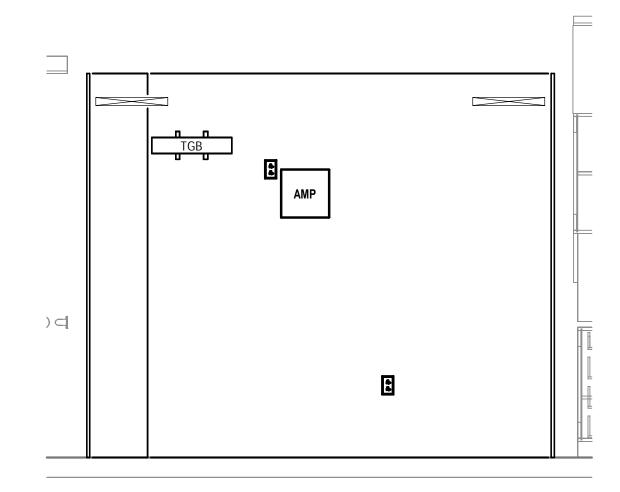




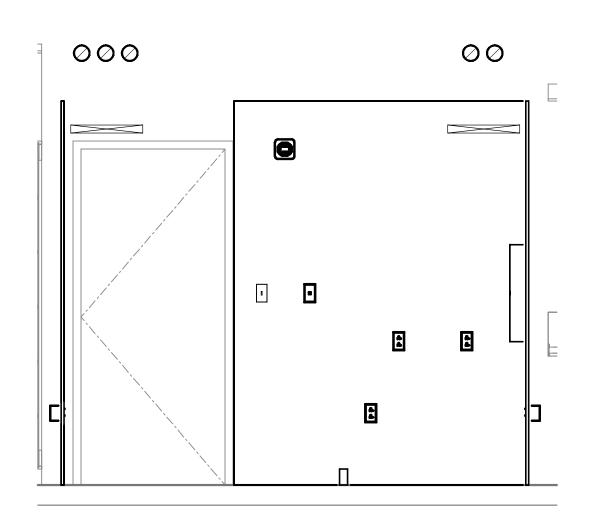
3 COMM 2-2016 - ELEVATION 7 1/2" = 1'-0"



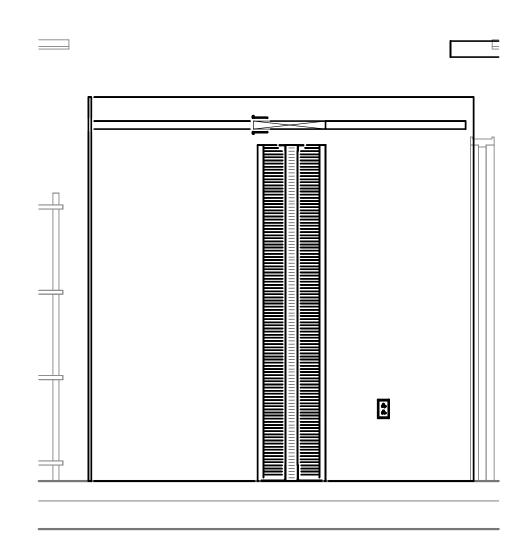
6 COMM 2-2016 - ELEVATION 10 1/2" = 1'-0"



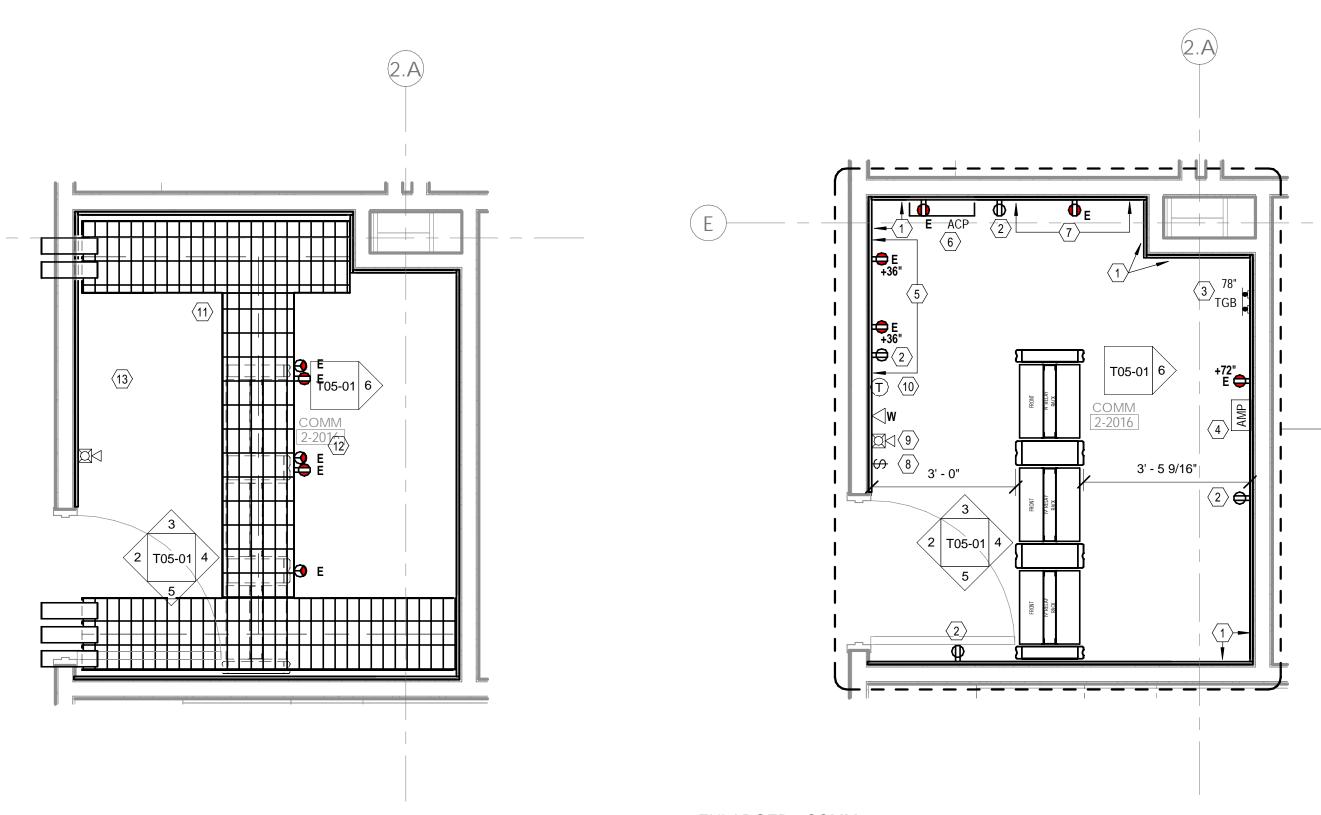
### 2 COMM 2-2016 - ELEVATION 6 1/2" = 1'-0"



5 <u>COMM 2-2016 - ELEVATION 9</u> 1/2" = 1'-0"

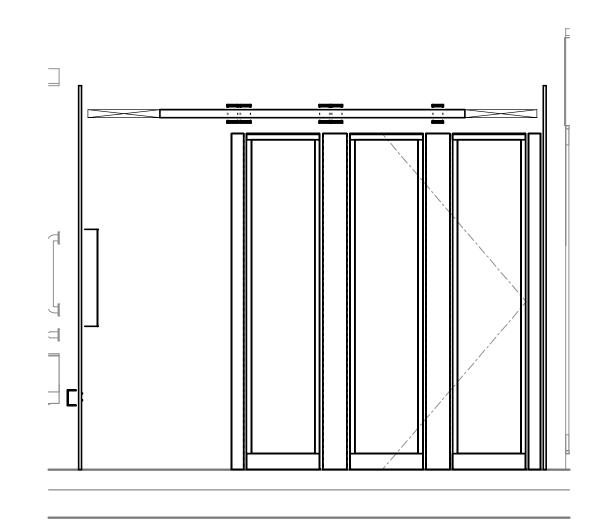


1) ENLARGED - COMM 2-2016 - UPPER 1/2" = 1'-0"



4 COMM 2-2016 - ELEVATION 8 1/2" = 1'-0"

E



FOR CABLING PATHWAY.

#### 

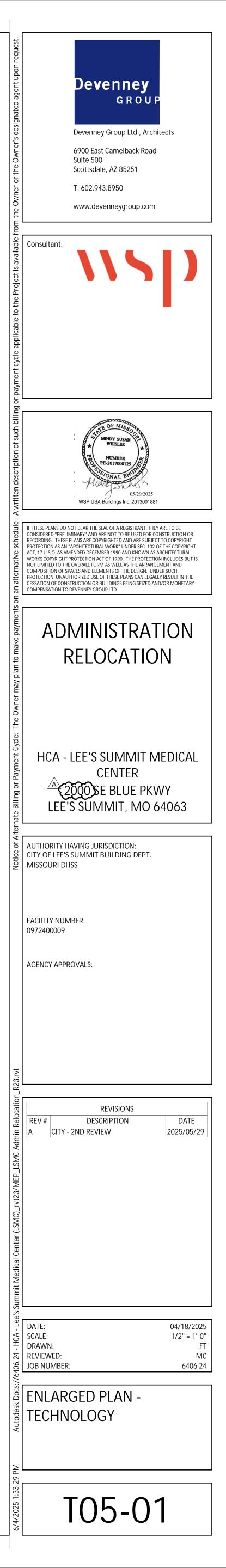
1. PROVIDE ¾" A/C GRADE FIRE RETARDANT PLYWOOD WITH TWO COATS OF PAINT (MATCH WALL COLOR) FROM FINISHED FLOOR TO 8' AFF ON THIS ENTIRE WALL AS SHOWN. MANUFACTURER FIRE RATING STAMP SHALL BE LEFT UNCOVERED ON "A" SIDE FOR INSPECTION ON EACH SHEET OF PLYWOOD WITHIN IDF/COMM ROOM. 2. ELECTRICAL OUTLET ON NORMAL POWER FOR CONVENIENCE RECEPTACLE. OUTLET SHOWN FOR COORDINATION PURPOSES ONLY. OUTLET SHALL BE MOUNTED 18" AFF. 3. LOCATION OF TELECOMMUNICATIONS GROUNDING BUS BAR (TGB). ELECTRICAL CONTRACTOR SHALL PROVIDE A TELECOMMUNICATIONS GROUND BACKBONE FROM BUILDING GROUND. ALL BONDING WITHIN THIS ROOM SHALL BE DEDICATED HOME-RUN CONNECTIONS FROM INDIVIDUAL EQUIPMENT/ HARDWARE TO THE TGB. NO DAISY-CHAINING OF GROUND SHALL BE PERMITTED OTHER THAN BASKET TRAY. BUS BAR SHALL BE MOUNTED AT 78" AFF. 4. LOCATION OF OVERHEAD PAGING AMPLIFIER SYSTEM EQUIPMENT. ELECTRICAL CONTRACTOR SHALL PROVIDE DUPLEX POWER OUTLET ON EMERGENCY POWER MOUNTED AT 72" AFF. 5. LOCATION OF CATV TELEVISION JUNCTION EQUIPMENT. CONTRACTOR SHALL ACCOUNT FOR APPROXIMATELY 4'X4' OF WALL SPACE FOR CABLE TERMINATIONS AND EQUIPMENT TO BE PLACED IN THIS LOCATION BY TELEVISION SYSTEM VENDOR. ELECTRICAL CONTRACTOR SHALL PROVIDE (2) DUPLEX POWER OUTLETS, ON NORMAL POWER, MOUNTED AT 36" AFF AT THIS LOCATION. COORDINATE WITH TELEVISION SYSTEM VENDOR FOR ADDITIONAL REQUIREMENTS WITHIN THIS 6. LOCATION OF SECURITY ACCESS CONTROL PANEL(S). ELECTRICAL CONTRACTOR SHALL PROVIDE A MINIMUM OF (1) DUPLEX RECEPTACLE, ON EMERGENCY POWER, FOR EACH PANEL. COORDINATE EXACT PLACEMENT OF RECEPTACLES WITH THE DIVISION 28 ACCESS CONTROL INSTALLATION CONTRACTOR PRIOR TO ROUGH IN. DIVISION 27 CONTRACTOR SHALL COORDINATE NETWORK CONNECTION REQUIREMENTS WITH THE ACCES CONTROL INSTALLATION CONTRACTOR. 7. AREA DESIGNATED FOR OFOI DISTRIBUTED ANTENNA SYSTEM (DAS) EQUIPMENT. ELECTRICAL CONTRACTOR SHALL PROVIDE DUPLEX POWER OUTLET ON EMERGENCY POWER MOUNTED AT 18" 8. LIGHT SWITCH SHOWN FOR COORDINATION PURPOSES ONLY. 9. FIRE ALARM STROBE SHOWN FOR COORDINATION PURPOSES ONLY.

10. THERMOSTAT DEVICE SHOWN FOR COORDINATION PURPOSES ONLY. DEVICE SHALL BE MOUNTED ON 11. PROVIDE 18"X 2" WIRE MESH BASKET TRAY AS SHOWN. MOUNT BASKET TRAY AT 7' 6" ABOVE FINISHED FLOOR AND CONNECT BASKET TRAY TO EQUIPMENT RACKS UTILIZING MANUFACTURER'S ELEVATION KITS. CONTRACTOR SHALL UTILIZE MANUFACTURER'S "WATERFALL" DEVICES FOR TRANSITIONING OF CABLES FROM BASKET TRAY TO WITHIN VERTICAL WIRE MANAGERS. 12. ELECTRICAL OUTLETS, ON EMERGENCY POWER, MOUNTED TO SIDE OF BASKET TRAY, CENTER OUTLETS OVER VERTICAL WIRE MANAGEMENT BETWEEN EQUIPMENT RACKS AS SHOWN. 13. CONTRACTOR SHALL PROVIDE 4" PRE-MANUFACTURED FIRE SLEEVE DEVICES THROUGH RATED WALL

#### **GENERAL NOTES:**

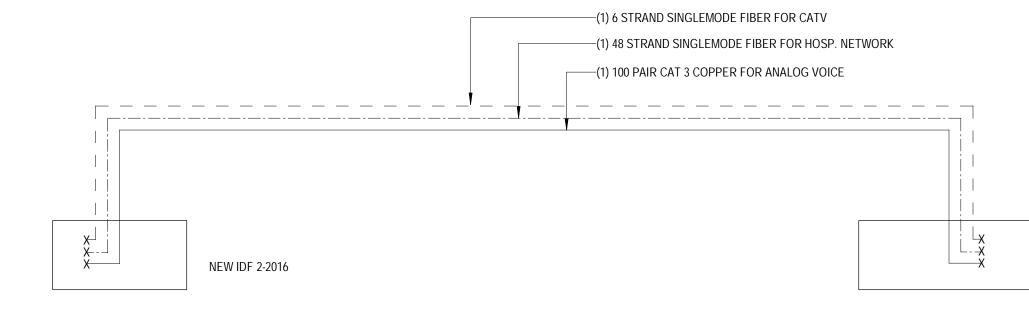
- A. ALL METAL SURFACES WITHIN IDF ROOMS SHALL BE BONDED TO GROUND BUS BAR AS PER J-STD-607 STANDARDS. B. ELECTRICAL, FIRE, SAFETY AND MECHANICAL DEVICES ARE SHOWN FOR LOCATING PURPOSES ONLY. REFER TO ELECTRICAL AND MECHANICAL SHEETS FOR ADDITIONAL DETAILS. C. NO SPRINKLER HEADS OR PIPING SHALL BE INSTALLED DIRECTLY ABOVE ANY ELECTRONIC EQUIPMENT RACKS IN THE IDF/COMM ROOMS. CAGES SHALL BE INSTALLED ON SPRINKLER HEADS TO PREVENT ACCIDENTAL DISCHARGE. NO MAIN SPRINKLER PIPING SHALL ENTER THE IDF/COMM SPACE.
- ONLY BRANCHES OF THE PIPING SYSTEM SPECIFICALLY SERVICING THE IDF ROOMS SHALL BE PERMITTED TO PENETRATE IDF/COMM ROOMS. D. PENETRATION INTO CORRIDORS SHALL BE POSITIONED 6" ABOVE THE ASSOCIATED CORRIDOR CABLE
- E. SYSTEMS THAT ARE NOT DIRECTLY RELATED TO THE SUPPORTING IDF/COMM ROOMS ARE NOT PERMITTED TO PASS THROUGH IDF/COMM ROOMS. F. AIR TEMPERATURE WITHIN ROOM SHALL BE MAINTAINED BETWEEN 65 AND 76 DEGREES FAHRENHEIT,
- MEASURED AT THE THERMOSTAT LOCATION. G. HUMIDITY MUST REMAIN WITHIN RANGE OF 50% TO 60%. H. SYSTEM VENDOR SHALL COORDINATE EXACT LOCATION OF EQUIPMENT WITHIN IDF/COMM ROOMS
- WITH OWNER'S REPRESENTATIVE(S) PRIOR TO INSTALLATION. NO WORK SHALL PROCEED PRIOR TO OWNER APPROVAL. I. DATA DEVICE SCHEDULE SHOWN FOR OWNER USE ONLY. CONTRACTOR SHALL PERFORM THEIR OWN CALCULATIONS FOR BID.

### 8 ENLARGED - COMM 2-2016 1/2" = 1'-0"

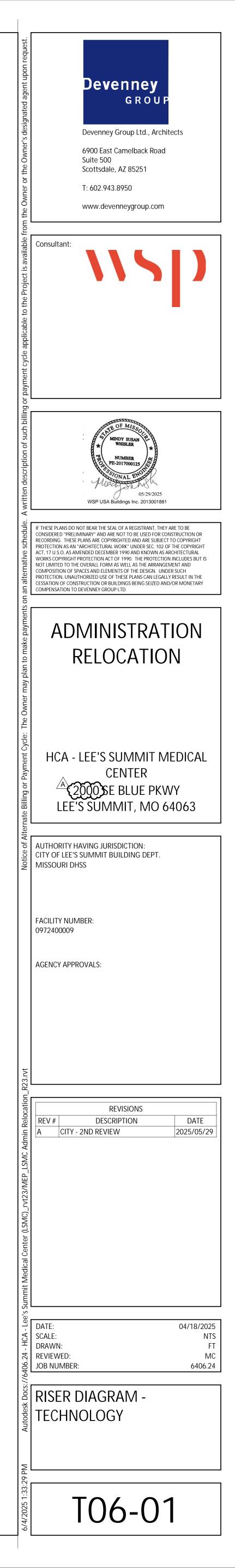


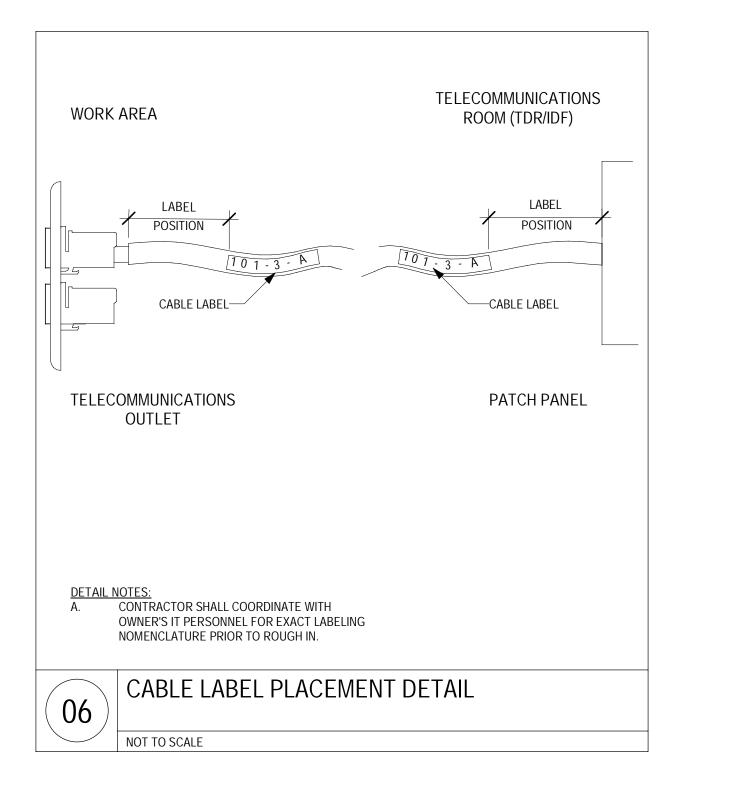
LEVEL 01

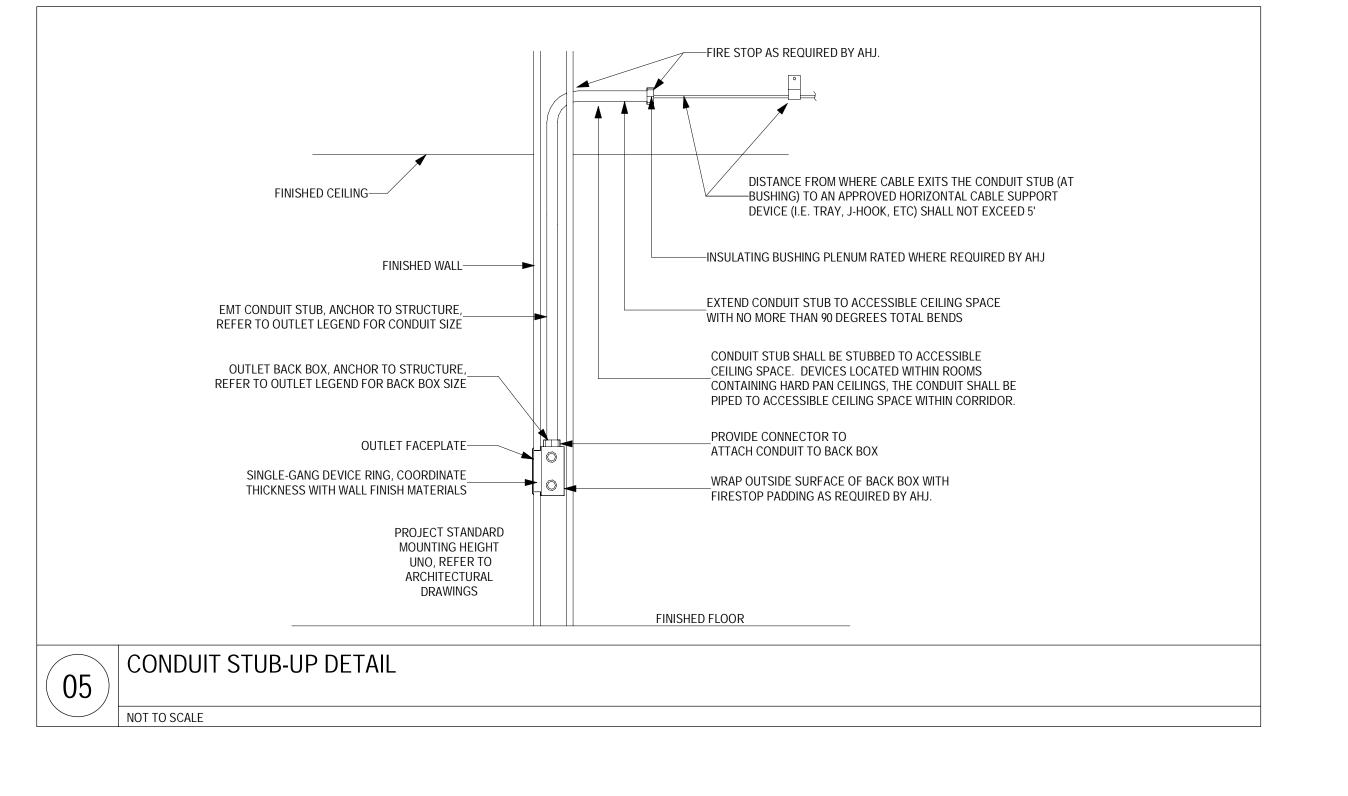
1 TECHNOLOGY SYSTEMS BACKBONE RISER NTS

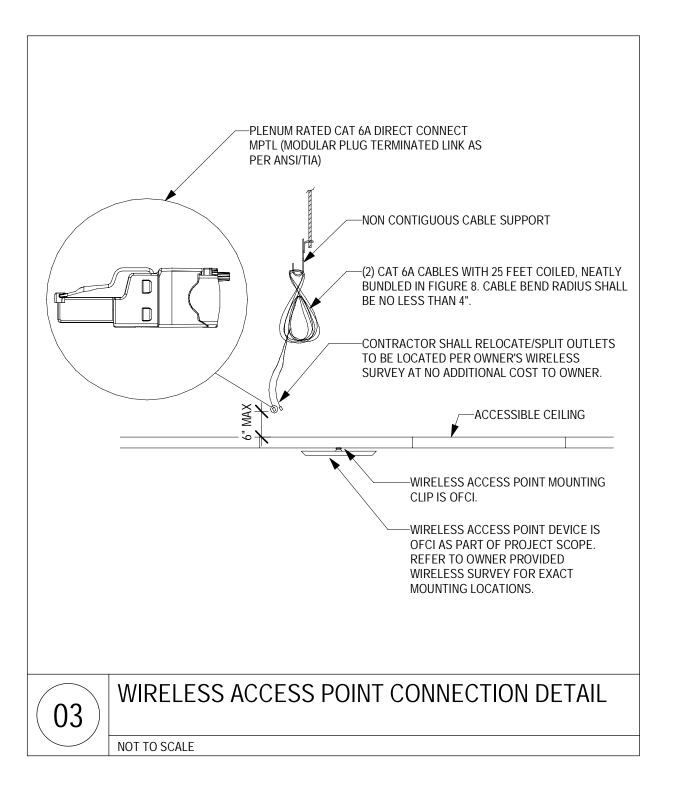


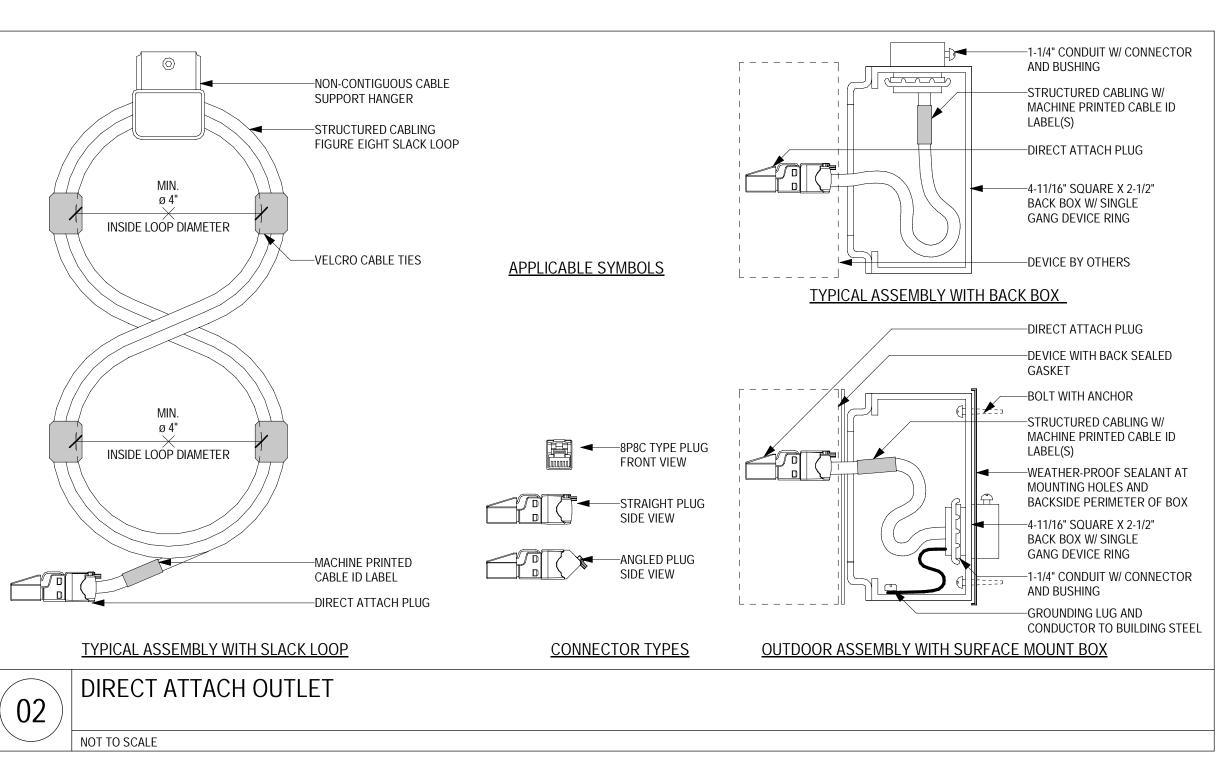
EXISTING MDF

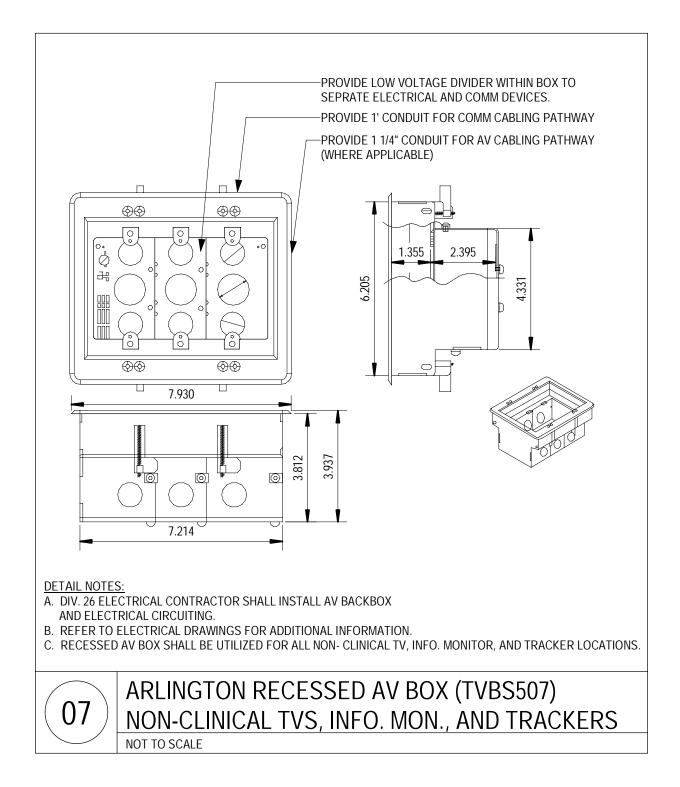


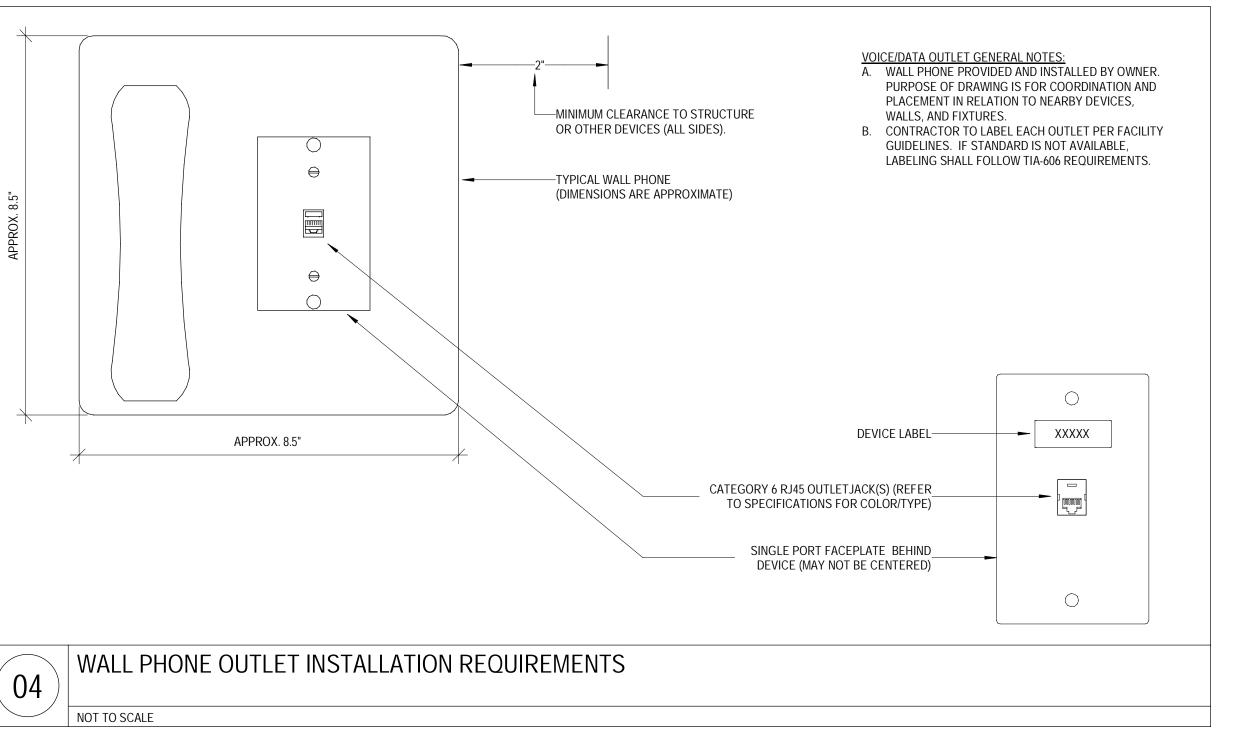


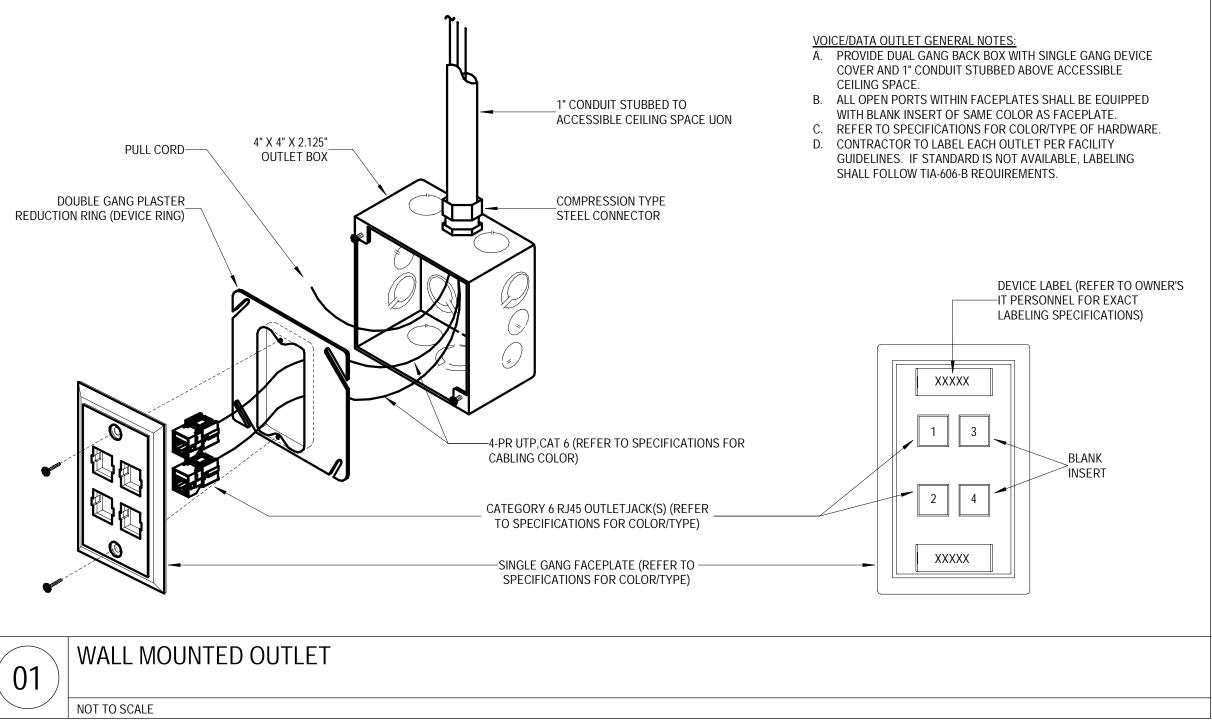


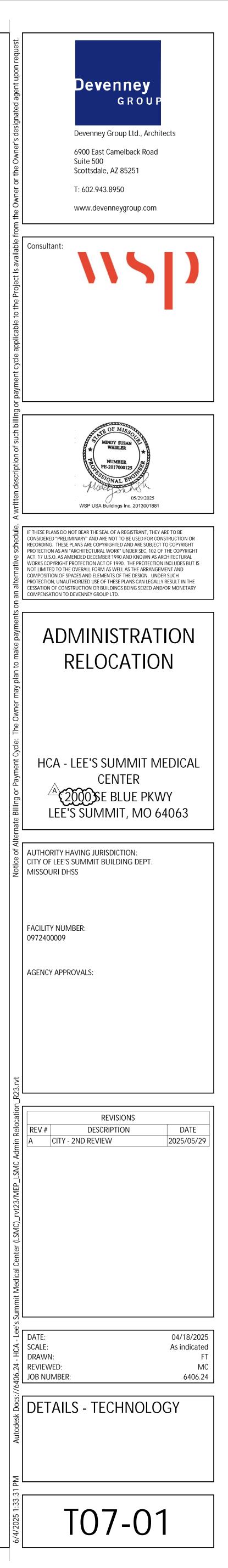


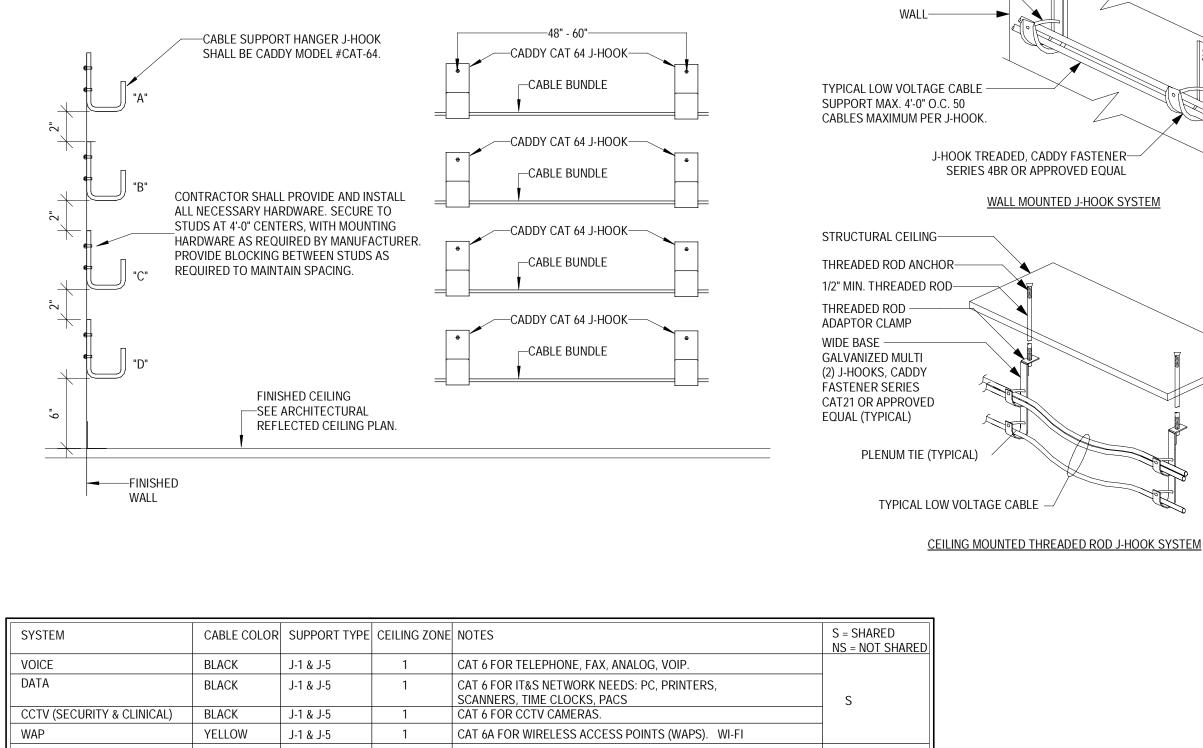






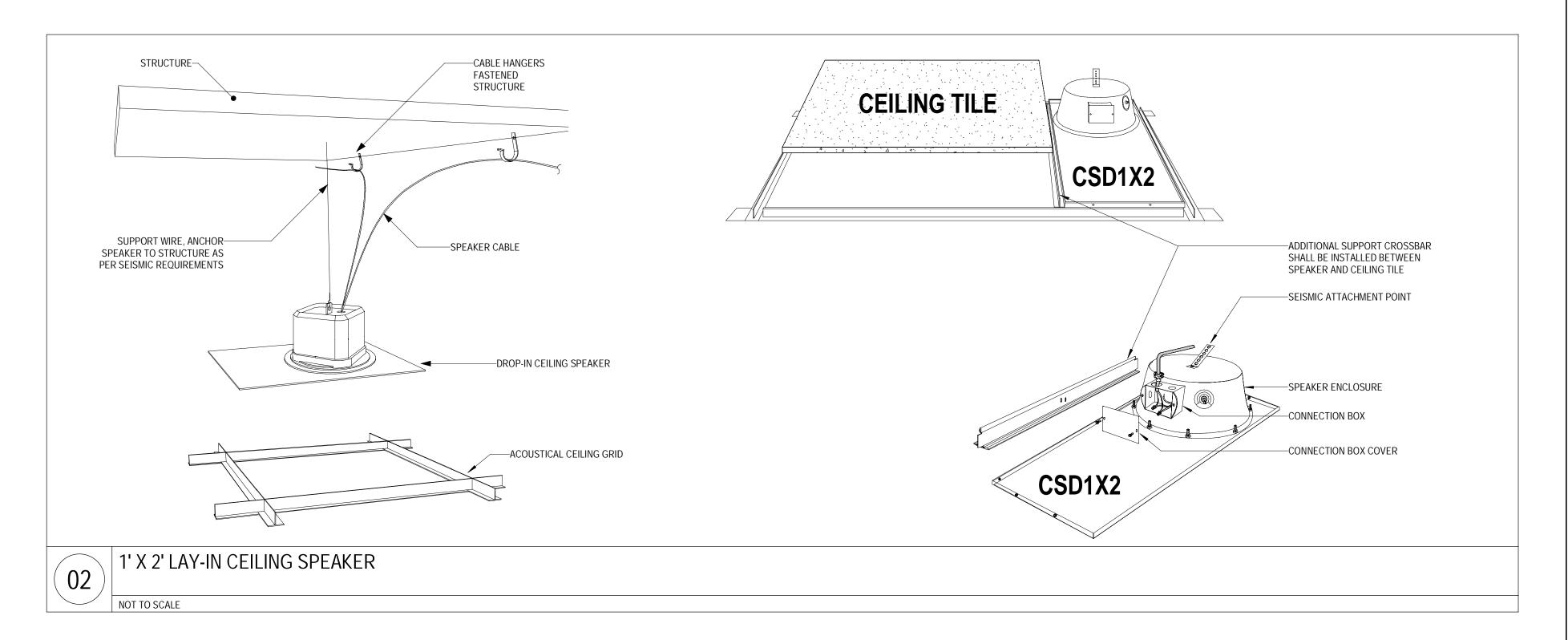






PLENUM TIE (TYPICAL)-----

01



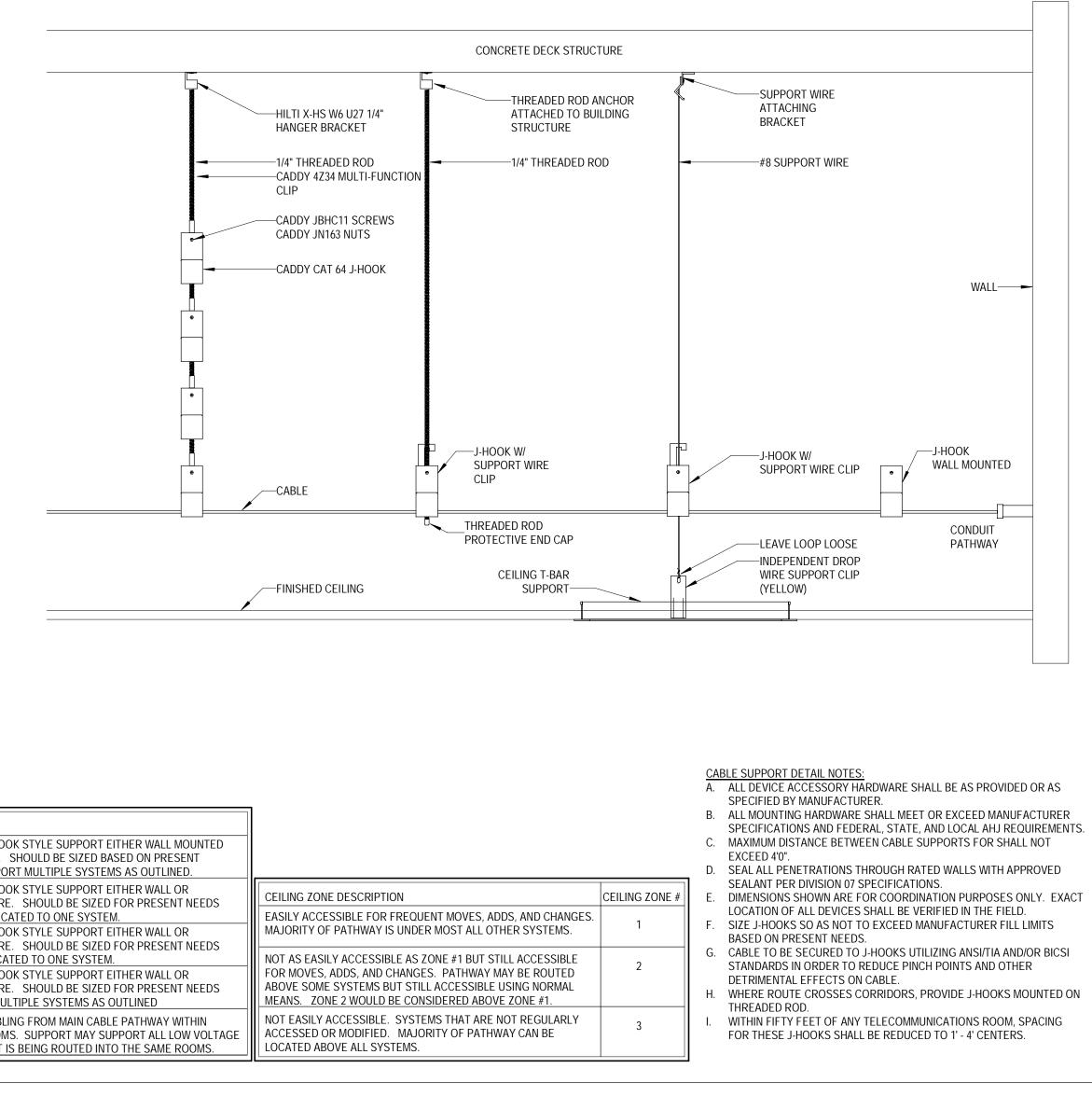
					NS = NOT SHARED		
VOICE	BLACK	J-1 & J-5	1	CAT 6 FOR TELEPHONE, FAX, ANALOG, VOIP.			
DATA	BLACK	J-1 & J-5	1	CAT 6 FOR IT&S NETWORK NEEDS: PC, PRINTERS, SCANNERS, TIME CLOCKS, PACS	S		
CCTV (SECURITY & CLINICAL)	BLACK	J-1 & J-5	1	CAT 6 FOR CCTV CAMERAS.			
WAP	YELLOW	J-1 & J-5	1	CAT 6A FOR WIRELESS ACCESS POINTS (WAPS). WI-FI			
PHYSIOLOGICAL MONITORING (HARDWIRED)	ORANGE	J-2 & J-5	1	CAT 5E FOR HARD WIRED PHYSIOLOGICAL MONITORING (PM), CENTRAL STATIONS, REMOTE VIEW MONITORS, FETAL MONITORS	NS		
TELEMETRY COAX (WIRELESS)	WHITE	J-3	2	RG6/RG11/HARDLINE COAX CABLE FOR WIRELESS TELEMETRY DEVICES MOUNTED TO UNDERSIDE OF CEILING.	NS		
CATV COAX	BLACK	J-4 & J-5	2	RG6/RG11 COAX CABLE FOR TV SYSTEM	S		
CATV DATA	BLUE	J-4 & J-5	2	CAT 5E FOR TV SYSTEM	5		
NURSE CALL	GREEN	J-2 & J-5	2	CAT 5E AND MIX OF LOW VOLTAGE CONTROL CABLING FOR NURSE CALL SYSTEM	NS		
RFID/RTLS	PURPLE	J-3	2	CAT 5E, CAT 6 AND/OR LOW VOLTAGE CONTROL CABLING FOR EQUIPMENT/STAFF LOCATING/TRACKING SYSTEM.	NS		
INFANT ABDUCTION	WHITE	J-3	2	CAT 5E, CAT 6 AND/OR LOW VOLTAGE CONTROL CABLING FOR INFANT ABDUCTION SYSTEM			
WONDERING SYSTEM	WHITE	J-3	2	CAT 5E, CAT 6 AND/OR LOW VOLTAGE CONTROL CABLING FOR WONDERING PATIENT TRACKING SYSTEM	NS	SUPPORT	
OVERHEAD PAGING	GREY	J-3	3	LOW VOLTAGE AUDIO CABLE FOR SPEAKERS, AMPS, MICROPHONES, ETC.	NS		MAIN CABLE PATHWAY DOWN CORRIDORS. J-HOOK
DISTRIBUTED ANTENNA SYSTEM (DAS)	WHITE	J-3	3	COAX CABLE FOR DISTRIBUTED ANTENNA SYSTEM (DAS). CELL BOOSTING AND/OR EMERGENCY RESPONDER RADIO	NS	J-1	OR SUPPORTED FROM OVERHEAD STRUCTURE. SH NEED PLUS 30% FUTURE CAPACITY. CAN SUPPORT
EMS RADIO	WHITE/ BLACK	J-3	3	COAX CABLE FOR COMMUNICATION BETWEEN EMS AND ED STAFF	NS	J-2	MAIN CABLE PATHWAY DOWN CORRIDORS. J-HOOK
BAS	WHITE/ GREY	J-3	3	LOW VOLTAGE CONTROL WIRING FOR BUILDING AUTOMATION CONTROLS	NS	J-2	CEILING MOUNTED FROM OVERHEAD STRUCTURE. PLUS 30% FUTURE CAPACITY. SHOULD BE DEDICAT
INTERCOM	GRAY	J-4	2	LOW VOLTAGE CONTROL CABLING FOR INTERCOM DEVICES SUCH AS AIPHONES		J-3	MAIN CABLE PATHWAY DOWN CORRIDORS. J-HOOK CEILING MOUNTED FROM OVERHEAD STRUCTURE. WITH NO FUTURE CAPACITY. SHOULD BE DEDICATE
ELECTRONIC ACCESS CONTROL	WHITE	J-4	2	LOW VOLTAGE CONTROL CABLE FOR ELECTRONIC ACCESS CONTROL SYSTEM. CARD READERS, MAG LOCKS, ETC	S	J-4	MAIN CABLE PATHWAY DOWN CORRIDORS. J-HOOK CEILING MOUNTED FROM OVERHEAD STRUCTURE.
DATA FIBER BACKBONE	YELLOW	J-1	3	FIBER OPTIC CABLE USED FOR NETWORK BACKBONE INFRASTRUCTURE			PLUS 30% FUTURE CAPACITY. CAN SUPPORT MULTI J-HOOK STYLE SUPPORTS USED TO ROUTE CABLING
DATA COPPER BACKBONE	YELLOW	J-1	3	MULTI-PAIR COPPER CABLE USED FOR ANALOG/DIGITAL TELEPHONY BACKBONE INFRASTRUCTURE	S	J-5	CORRIDORS TO OUTLET LOCATION WITHIN ROOMS. CABLING, UNLESS REQUIRED OTHERWISE, THAT IS E

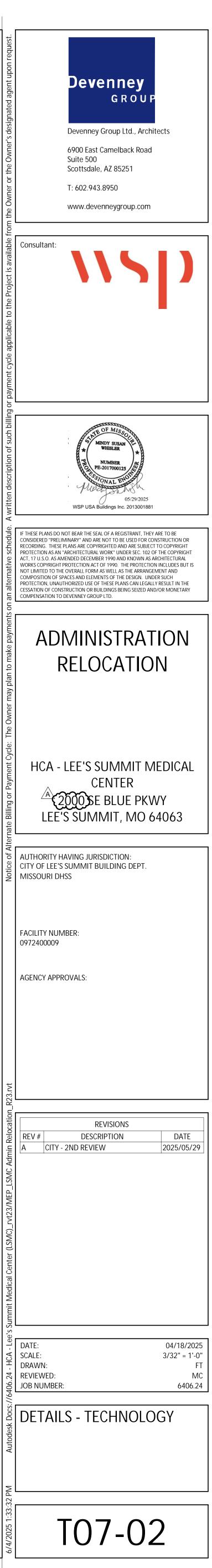
#### J-HOOK MOUNTING DETAILS

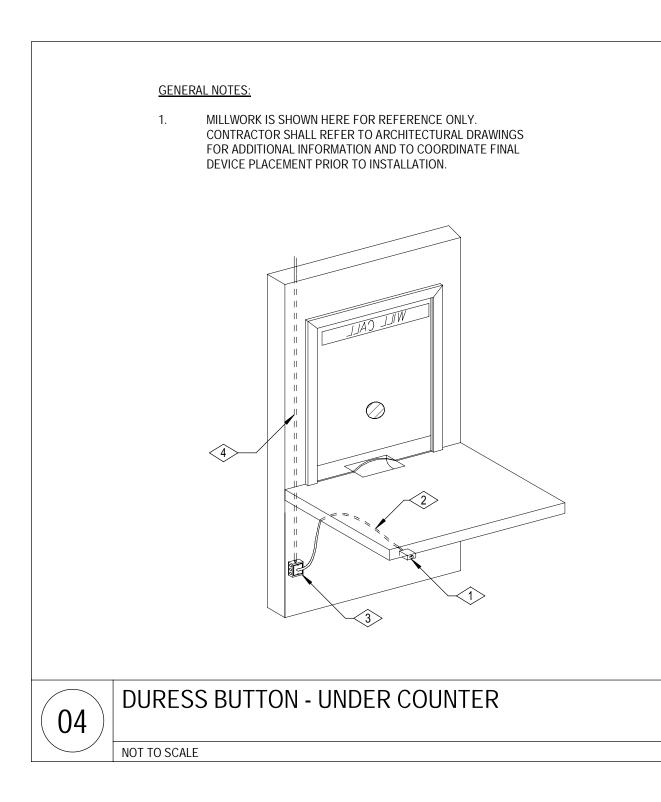
NOT TO SCALE

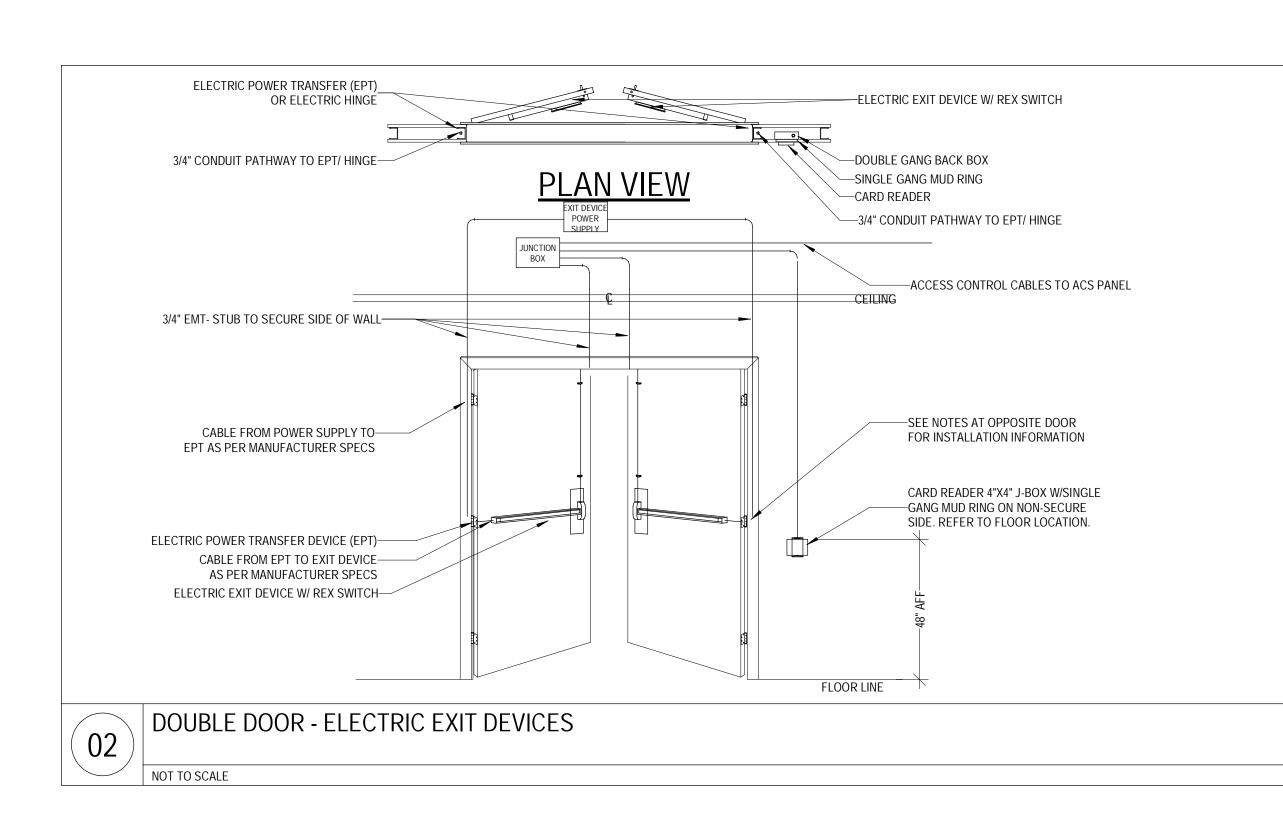
-TYPICAL ANCHOR TO WALL

### J-HOOK CABLE MOUNTING TECHNIQUES DETAIL









KEY NOTES:

ROOM.

DURESS BUTTON: SURFACE MOUNTED DURESS BUTTON

FLEXIBLE CONDUIT WHIP: 3/4"C. FLEXIBLE WHIP FROM DURESS BUTTON TO J-BOX LOCATED BELOW COUNTER.

DURESS BUTTON J-BOX: 4"X4"X2-1/8" (100mmX100mmX54mm) BACK-BOX AND SINGLE GANG FACE PLATE FLUSH MOUNTED

DURESS BUTTON CONDUIT: 3/4"C. (19mm) FROM J-BOX TO NEAREST ACCESSIBLE CEILING, CABLE TRAY, OR COMM

UNDER FRONT EDGE OF COUNTER.

IN WALL BELOW COUNTER AT 24" AFF.



CONDUIT BY DIV. 26. 3/4" HOLE IN FRAME DRILLED BY DIV. 08 OR DIV. 26. DOOR DEVICE PROVIDED AND INSTALLED BY

DOOR STATUS SWITCH(ES) MAY REQUIRE TO BE RELOCATED

DUE TO DOOR HARDWARE INTERFERENCE (IE. VERTICAL

COORDINATE WITH ELECTRICAL SHEETS FOR POWER TO

CORING OF DOORS FOR CABLE PATHWAY BETWEEN HINGE/

ETL AND LOCKING DEVICE SHALL BE BY DOOR PROVIDER.

ACCESS CONTROL JUNCTION BOX SHALL BE INSTALLED ON

SHALL BE A DOUBLE GANG BOX WITH DOUBLE GANG MUD RING AND BLANK COVER PLATE. IN ADDITION TO CONDUIT

PATHWAYS SHOWN, PROVIDE 3/4" CONDUIT PATHWAY FROM

SECURE SIDE OF DOOR IN ACCESSIBLE LOCATION. BOX

LOCAL POWER SUPPLIES. REFER TO DIVISION 08 DOOR

HARDWARE SPECIFICATION FOR POWER SUPPLY

SPECIFICATIONS.

RESPONSIBILITIES.

ACCESS CONTROL CONTRACTOR.

RODS, COORDINATORS, ETC.).

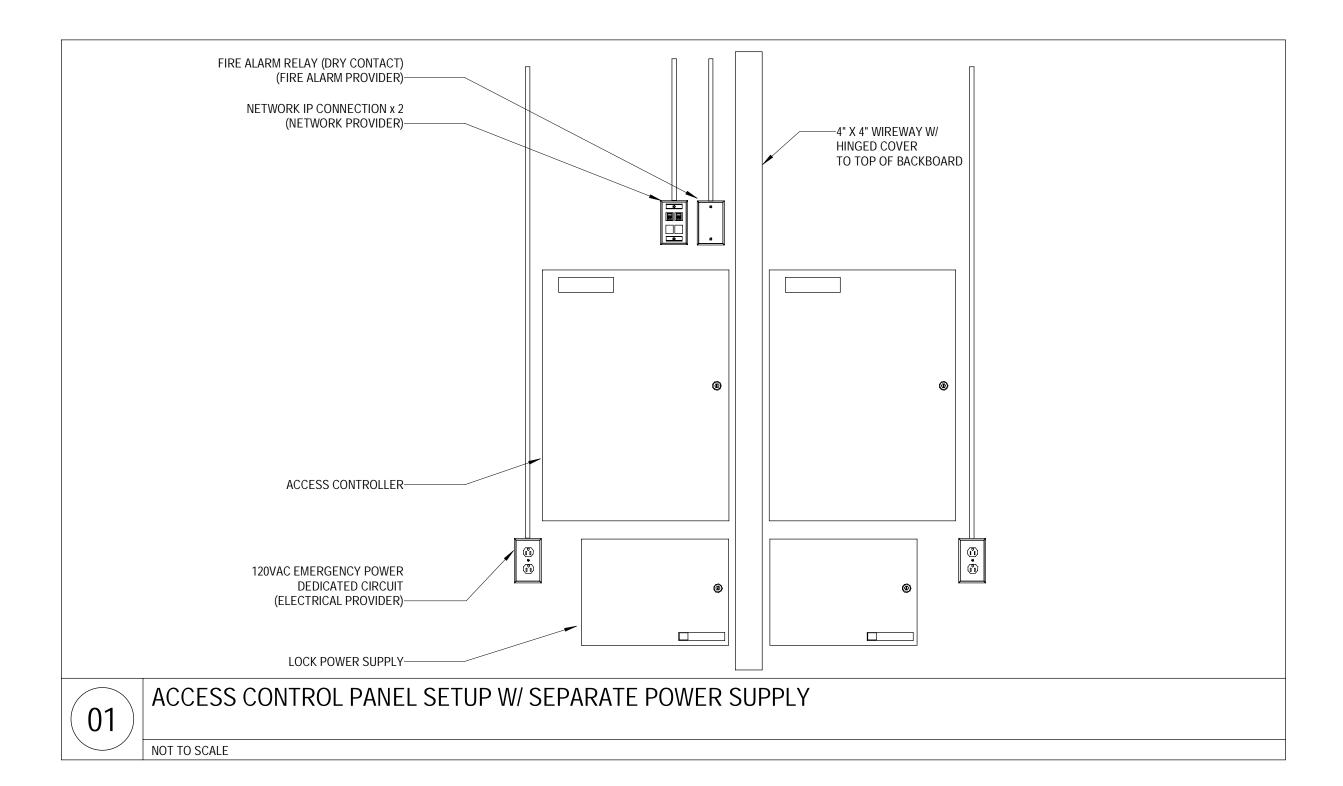
BOX TO SECURE SIDE OF WALL.

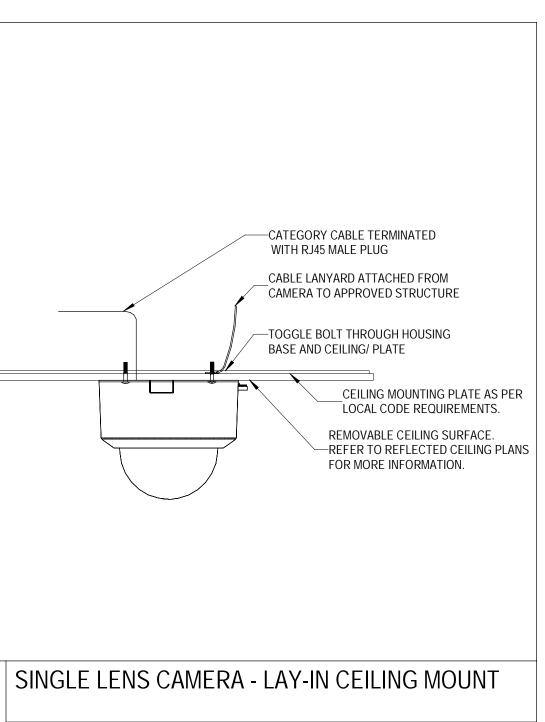
- GENERAL NOTES A. REFER TO FLOOR PLANS FOR DEVICE LOCATIONS.

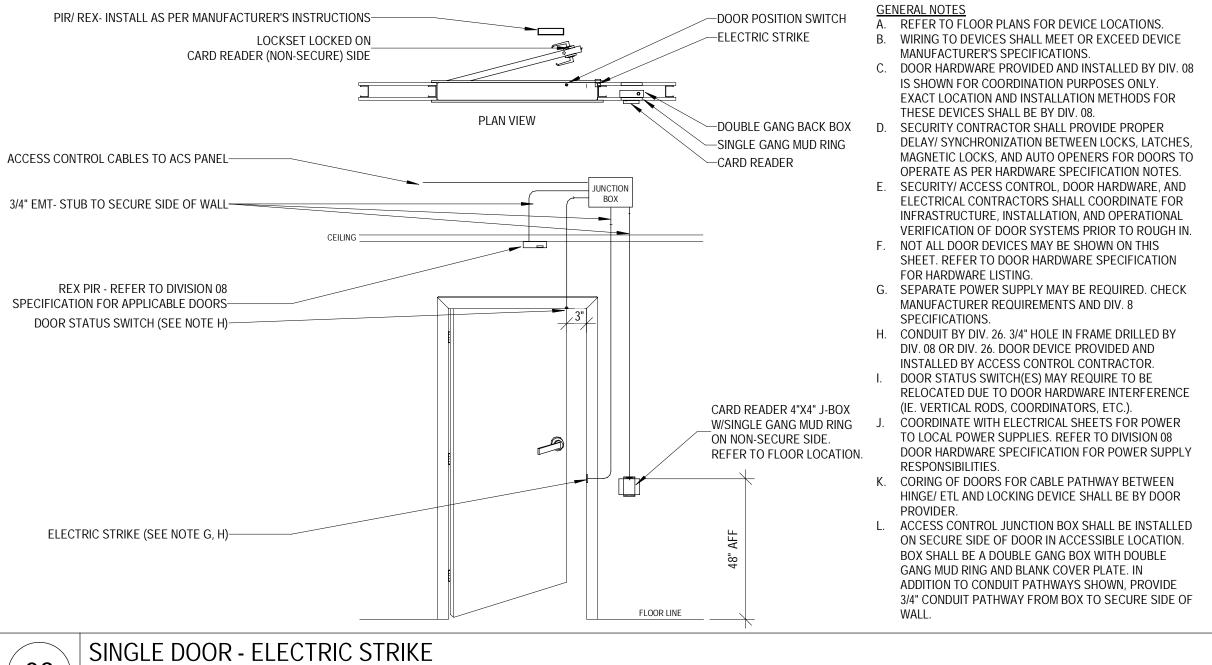
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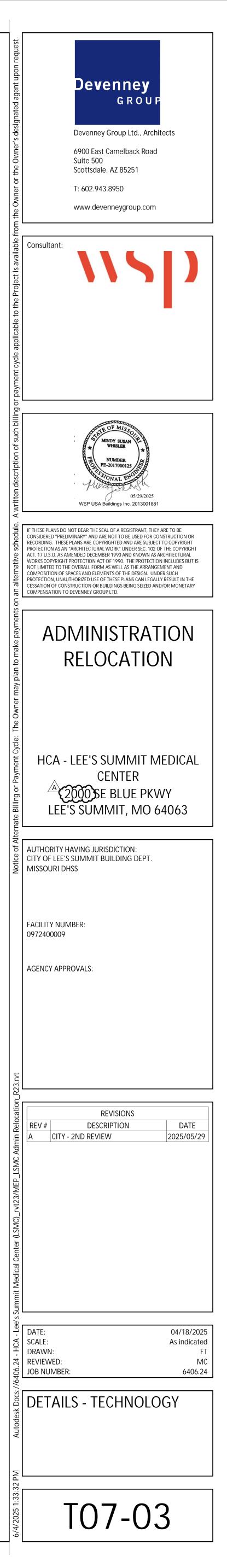






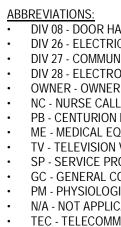


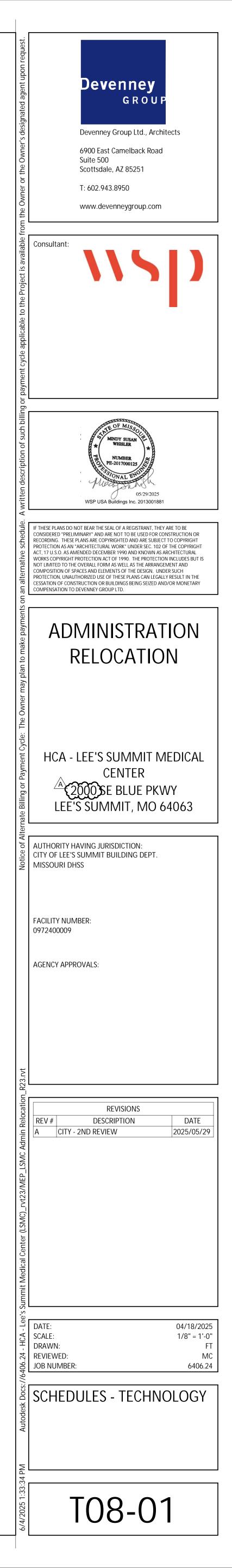
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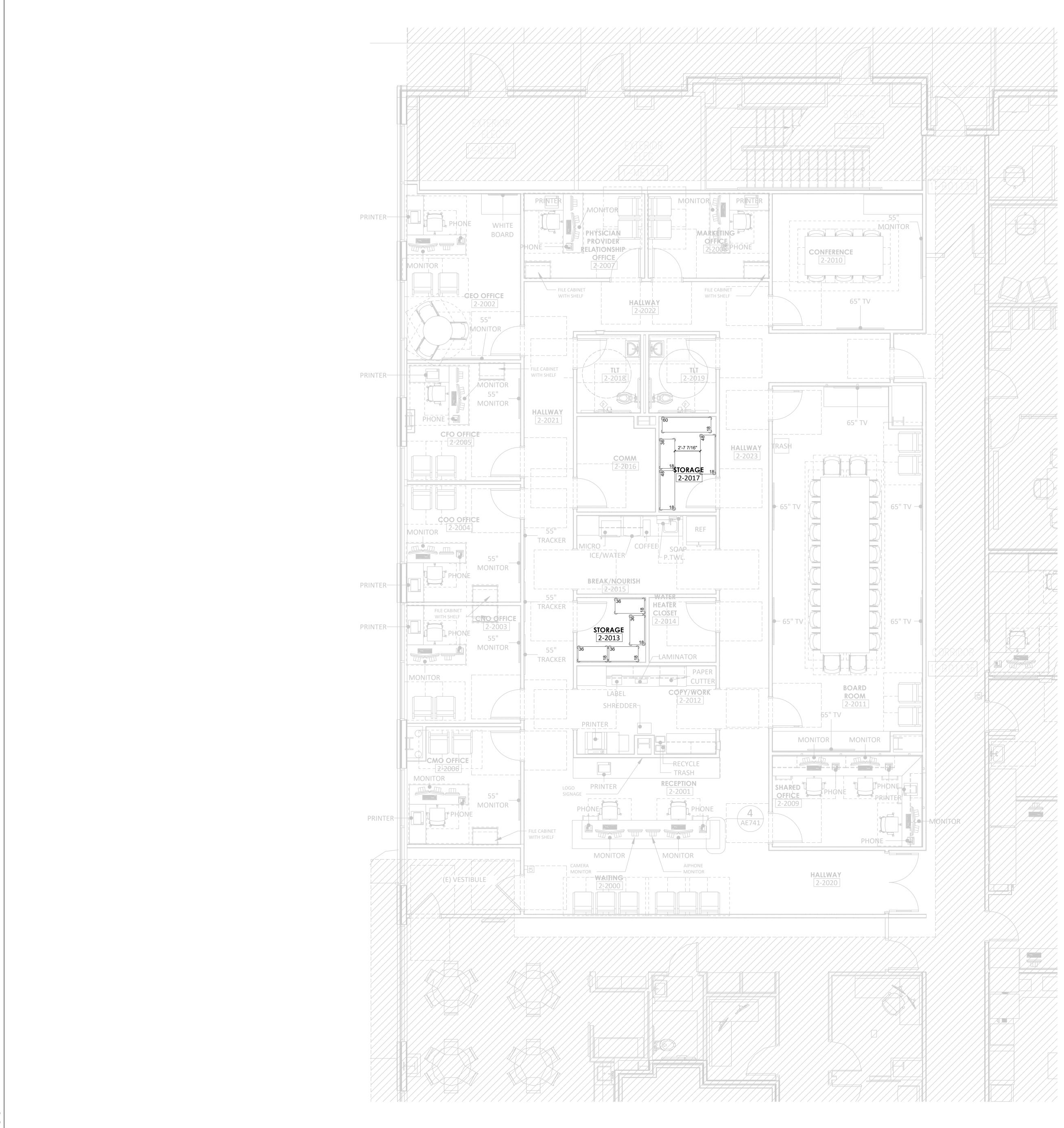


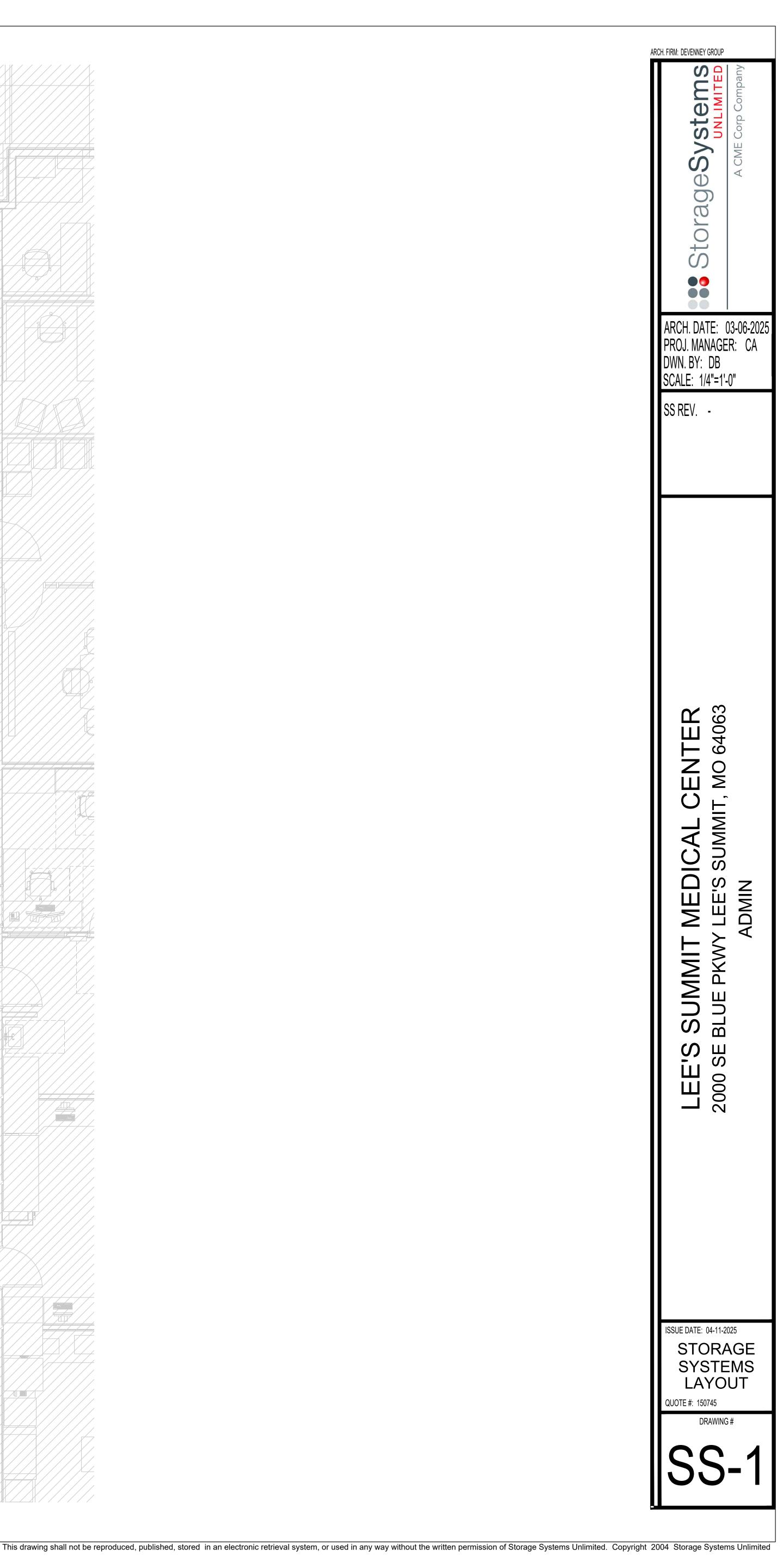
SYSTEM
IT&S SYSTEMS -
VOICE/DATA IT&S/VOICE EQUIPMENT
(WORKSTATION) (NOTE 9) IT&S/DATA EQUIPMENT (MORKSTATION) (NOTE 9)
(WORKSTATION) (NOTE 9) WIRELESS ACCESS POINT (WAP)
IT&S/DATA EQUIPMENT (TEC/TDR)
IT&S/VOICE EQUIPMENT (TEC/TDR)
WORKSTATION / EQUIPMENT PATCH CORDS
MEDICAL EQUIPMENT NETWOR CONNECTED DEVICES (NOTE 9
TIME CLOCK (EMPLOYEE)
NURSE CALL/CODE BLUE
STATION DEVICES
(IF APPLICABLE) NETWORK SWITCHES
(IF APPLICABLE) CALL CORD/PILLOW
SPEAKERS PATCH CORDS
<u>CATV SYSTEMS</u>
COAXIAL CABLE
DATA CABLE
CROSS ROOM NURSE CALL CONTROL
TV OUTLET COVER PLATE
TELEVISIONS (PATIENT, WAITIN STAFF LOUNGE, ETC.)
TELEVISION WALL MOUNTING BRACKET
CATV EQUIPMENT SPLITTERS/COMBINERS/AMPLIFIE
CROSS CONNECTS/PATCH COF
SECURITY SYSTEMS
NVR/DVR
CAMERAS/MOUNTS/LICENSES
NETWORK SWITCHES
ELECTRONIC ACCESS
CONTROL SYSTEM DOOR HARDWARE
WIRELESS PANIC BUTTON (IF APPLICABLE)
WIRED PANIC BUTTON (IF APPLICABLE)
INFANT PROTECTION
INTRUSION DETECTION
EMERGENCY (BLUE) PHONE
INTERCOM
OVERHEAD PAGING SYSTEM
AMPLIFIERS
VOLUME CONTROL
TELEPHONE ACCESS EQUIPME
ZONE DISTRIBUTION EQUIPMEN (IF APPLICABLE)
PATIENT MONITORING SYSTEM
PHYSIOLOGICAL MONITORING (PM)
FETAL MONITORING (FM)
TELEMETRY
NETWORK SWITCHES
PATCH CORDS
<u>IELECOMMUNICATIONS</u> <u>ROOMS (TEC/TDR)</u> OPEN FRAME EQUIPMENT RACI
(2POST/4POST) ENCLOSED EQUIPMENT
CABINETS BASKET TRAY &
SUPPORT HARDWARE
BACKBOARDS CABLE MANAGEMENT (VERTICAL/HORIZONTAL)
UNINTERRUPTIBLE POWER SUPPLY (UPS)
NETWORK SWITCHES, SERVERS ADDITIONAL NETWORK GEAR EQ
TELEPHONE SYSTEM EQUIPMEI
CROSS CONNECTS/PATCH COR
GROUNDING/BONDING
TELECOMMUNICATIONS BONDING BACKBONE (TBB)
TELECOMMUNICATIONS GROUNDING BUSS BAR (TGB)
MISC. SYSTEMS SYNCHRONIZED CLOCK
SYNCHRONIZED CLOCK SYSTEMS REAL TIME LOCATING SYSTEM
(RTLS) DISTRIBUTED ANTENNA
SYSTEMS (DAS) EMERGENCY RESPONDER RAD
COMMUNICATIONS (ERRCS) TEMPERATURE MONITORING
SYSTEM EMS RADIO
NOTES: 1 ALL SYSTEMS SHOWN
<ol> <li>ALL SYSTEMS SHOWN</li> <li>INCLUDES CONDUIT S</li> <li>INCLUDES CONDUIT F</li> </ol>
<ol> <li>INCLUDES PRE-MANU</li> <li>INCLUDES REQUIRED</li> </ol>
<ol> <li>INCLUDES SLEEVES T</li> <li>CROSS ROOM SOUNE</li> <li>LIGHTING CONTROL (</li> </ol>
SHALL CONNECT REL 9. VOICE/DATA WORKST
A. PCS D. COPIERS G. WIRELESS ACCESS P
J. SCANNERS
M. ULTRA SOUND MACH

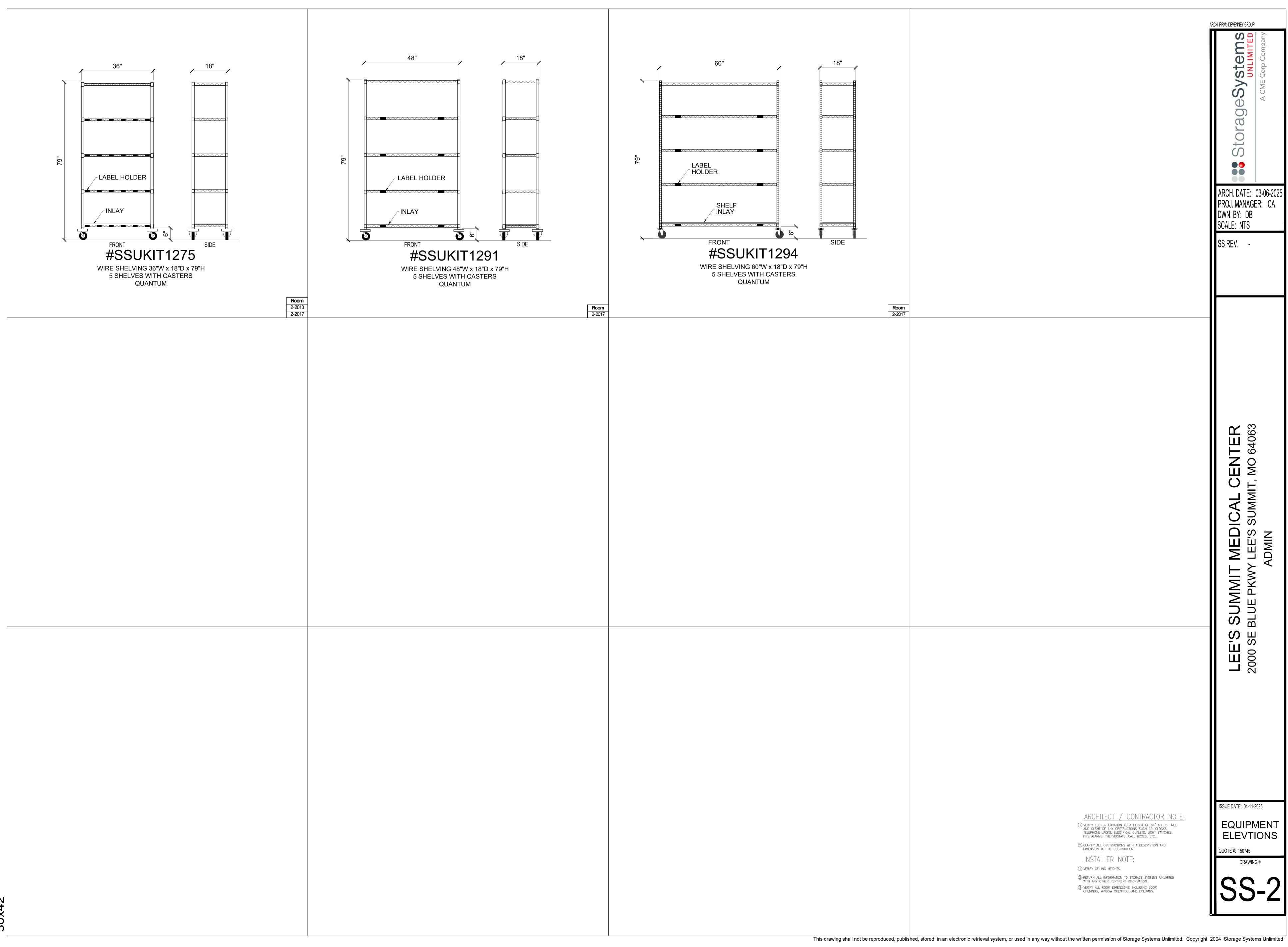
TECHNOLOGY SYSTEMS EQUIPMENT AND STRUCTURED CABLING COORDINATION SCHEDULE															
	EQUIPMENT FURNISHED BY	EQUIPMEN EQUIPMENT INSTALLED BY	NT TEST/CERTIFIED BY	CABLE FURNISHED BY	CABLE INSTALLED BY	CABLING CABLE TERMINATIONS BY	LABELED BY	TEST/CERTIFIED BY	CONDUIT SLEEVES BY (NOTE 2)	CONDUIT PATHWAYS BY (NOTE 3)	ROU( PRE-MANUFACTURED FIRE SLEEVE BY (NOTE 4)	GH IN BACK BOXES PROVIDED BY	BACK BOXES INSTALLED BY (NOTE 5)	FLOOR/WALL CORES/SLEEVES BY (NOTE 6)	GROUNDING CONNECTION TO TGB BY
						DT			(NOTE 2)	(NOTE 3)	(NOTE 4)		(NOTE 5)	BT (NOTE 0)	
)	OWNER	OWNER	OWNER	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
) T	OWNER	OWNER	OWNER	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
1	OWNER	DIV 27 OWNER	OWNER	DIV 27 N/A	DIV 27	DIV 27	DIV 27 N/A	DIV 27 N/A	DIV 27 N/A	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A N/A
	OWNER	OWNER	OWNER	N/A	N/A	N/A	N/A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A N/A	N/A
NT	OWNER	OWNER	OWNER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ORK E 9)	OWNER	OWNER	OWNER	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
)	OWNER	GC	OWNER	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
<u> </u>															
	NC	NC	NC	DIV 27	DIV 27	NC	NC	NC	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
	NC	NC	NC	DIV 27	DIV 27 DIV 27	NC	NC	NC	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
	NC	NC NC	NC NC	DIV 27 N/A	N/A	NC N/A	NC N/A	NC N/A	DIV 27 N/A	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A N/A
	OWNER	OWNER	OWNER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	DIV 27	DIV 27	TV	TV/DIV 27	TV	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	TV
	N/A	N/A	N/A	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
L	TV	TV	TV	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	N/A	DIV 26	DIV 26	N/A	N/A
E TING,	DIV 27 TV	DIV 27 TV	DIV 27 TV	N/A 	N/A	N/A N/A	N/A 	N/A	N/A N/A	N/A	N/A	N/A	N/A N/A	N/A N/A	N/A N/A
	TV	GC	IV N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
FIERS)	TV	TV	TV	N/A	N/A	N/A	TV	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TV
ORD	TV	TV	TV	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	OWNER	OWNER	OWNER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OWNER
ES	OWNER	OWNER	OWNER	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	
	OWNER	OWNER	OWNER	N/A N/A	N/A N/A	N/A N/A	N/A 	N/A N/A	N/A 	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	OWNER N/A
	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 26	DIV 28	DIV 26	DIV 26	DIV 26	N/A
	DIV 08	DIV 08	DIV 08	DIV 08	DIV 08	DIV 08	DIV 08	N/A	N/A	DIV 26	N/A	DIV 26	DIV 26	N/A	N/A
	PB	РВ	РВ	N/A	N/A	N/A	PB	РВ	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 26	DIV 28	DIV 26	DIV 26	N/A	N/A
	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	N/A
	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 26	DIV 28	DIV 26	DIV 26	N/A	N/A
E	GC DIV 28	GC DIV 28	DIV 26/27 DIV 28	DIV 26/27 DIV 28	DIV 26/27	DIV 26/27 DIV 28	DIV 26/27 DIV 28	DIV 26/27 DIV 28	DIV 26/27 DIV 28	DIV 26 DIV 26	DIV 27	DIV 26 DIV 26	DIV 26 DIV 26	N/A DIV 26	DIV 26
M	עוע 28	עע 28	υιν 28	עוט 28	עוע 28	υιν 28	עוט 28	עוט 28	עוע 28	עע 20	Ζ٥ ۷ Ι	UIV 20	עוע 20	עוע 20	WA
_	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
	DIV 27	DIV 27	DIV 27	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	DIV 27
	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
ENT ENT	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
<u>EM</u>	PM	PM	PM	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
	PM	PM	PM	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
	PM	PM	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	N/A
	OWNER	OWNER	OWNER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OWNER
	OWNER	OWNER	OWNER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CKS	D.1	<b>D</b>			• • • •	• • • •						N1/ 0	51/ 5	51/2	D11/27
	DIV 27	DIV 27 OWNER	DIV 27 OWNER	N/A 	N/A N/A	N/A N/A	N/A 	N/A N/A	N/A 	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	DIV 27
	DIV 27	DIV 27	DIV 27	N/A N/A	N/A N/A	N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A	DIV 27
	DIV 26	DIV 26	DIV 26	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DIV 27	DIV 27	DIV 27	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	DIV 27
<b>C A</b>	OWNER	OWNER	OWNER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
rs, & Quip.	OWNER	OWNER	OWNER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OWNER
ENT	OWNER	OWNER	OWNER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OWNER
RDS	OWNER	OWNER	OWNER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DIV 26	DIV 26	DIV 26	DIV 26	DIV 26	DIV 26	DIV 26	DIV 26	DIV 26	DIV 26	DIV 26	N/A	N/A	DIV 26	DIV 26
3)	DIV 26	DIV 26	DIV 26	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	DIV 26 OR 27	DIV 26 OR 27	DIV 26 OR 27	DIV 26 OR 27	DIV 26 OR 27	DIV 26 OR 27	DIV 26 OR 27	DIV 26 OR 27	N/A	N/A	N/A	DIV 26	DIV 26	N/A	N/A
M	OWNER	OWNER	OWNER		DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	
DIO	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER
ò	OWNER	OWNER	OWNER	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	N/A
WN MAY NOT BE PRESENT IN PROJECT. REFER TO FLOOR PLANS FOR SYSTEMS INCLUDED IN PROJECT. T SLEEVES, NOT TO EXCEED 18 INCHES IN LENGTH, THROUGH GYPSUM PARTITIONS. SLEEVES EXCEEDING 18" IN LENGTH SHALL BE PROVIDED BY DIV 26 CONTRACTOR. T PATHWAY EXCEEDING 18 INCHES IN LENGTH. INCLUDES ALL NECESSARY CONNECTIONS, PULL BOXES, AND PLASTIC BUSHINGS. NUFACTURED FIRE SLEEVE SYSTEMS. ED CONDUIT STUB UP TO ABOVE ACCESSIBLE CEILING SPACE. S THROUGH CONCRETE/MASONRY WALLS REQUIRING CORING OR LEAVE-OUTS. ND CABLE TERMINATED BY NURSE CALL VENDOR AT PATIENT STATION. DIV 27 CONTRACTOR SHALL TERMINATE CROSS ROOM SOUND CABLE AT TV OUTLET AND PROVIDE FACEPLATE. L CABLE TERMINATED BY NURSE CALL VENDOR AT PATIENT STATION. NURSE CALL VENDOR SHALL PROVIDE DIV 26 CONTRACTOR LIGHTING CONTROL RELAY. DIV 26 CONTRACTOR ELAY WITH LIGHT.										ABBREVIATIONS:         • DIV 08 - DOOR HARDWARE CONTRACTOR         • DIV 26 - ELECTRICAL CONTRACTOR         • DIV 27 - COMMUNICATIONS CABLING CONTRACTOR         • DIV 28 - ELECTRONIC ACCESS CONTROL/SECURITY CONTRACTOR         • OWNER - OWNER OR OWNER'S VENDOR         • NC - NURSE CALL VENDOR         • PB - CENTURION PANIC BUTTON VENDOR         • ME - MEDICAL EQUIPMENT PLANNER         • TV - TELEVISION VENDOR         • SP - SERVICE PROVIDER					
TATION & MEDICAL EQUIPMENT DEVICES INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING:       C. FAX MACHINES         B. PRINTERS (NETWORK, LASER, MULTIFUNCTION, LAB, SCRIPT, ETC.)       C. FAX MACHINES         E. TRACKER MONITORS       F. TIME CLOCK (EMPLOYEE)         POINTS       H. TELEPHONE SETS         K. LAB EQUIPMENT (STERILIZERS, ETC.)       L. POINT OF USE (POU) SCANNER         INE       N. ADDITIONAL MEDICAL EQUIPMENT										<ul> <li>GC - GENERAL CC</li> <li>PM - PHYSIOLOGI</li> <li>N/A - NOT APPLIC</li> <li>TEC - TELECOMM</li> </ul>	ONTRACTOR CAL MONITORING V ABLE	MENT ROOM / MDF			











 $\mathbf{N}$ 30x4;