AIDEA/ AEA NOISE CONTROL TENANT IMPROVEMENT

CONSTRUCTION DOCUMENTS | 2018.08.31

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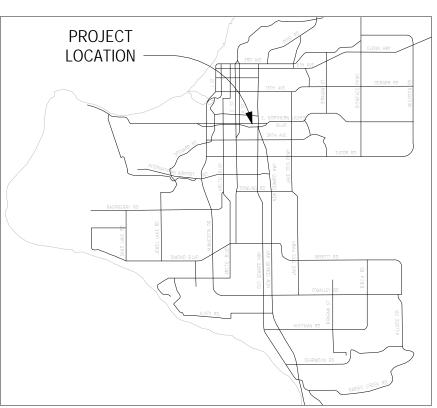
DETAILS AND PARTITION ASSEMBLIES

EXISTING PHOTO DOCUMENTATION

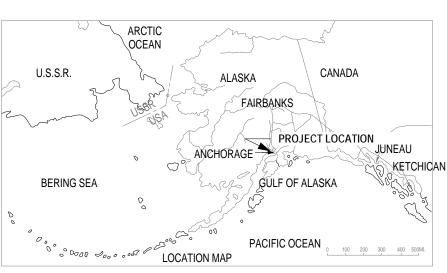
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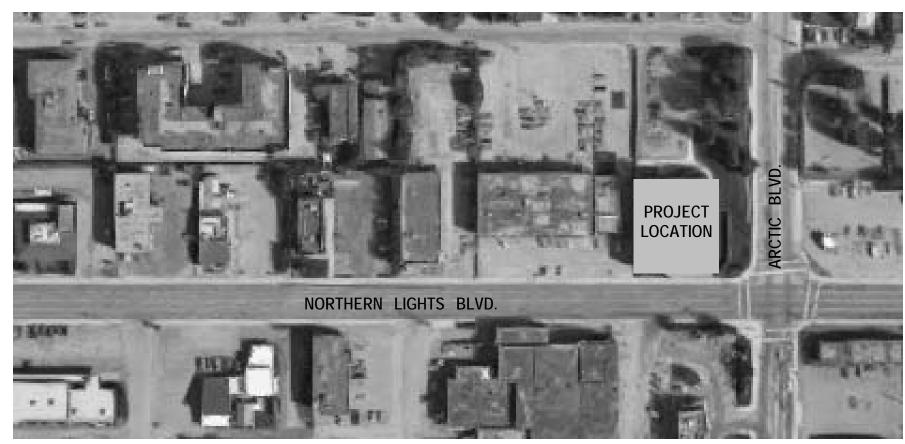
ANCHORAGE MAP



ALASKA MAP



PROJECT LOCATION



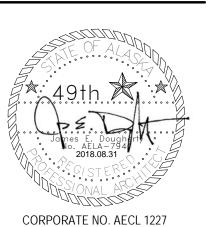


GENERAL PROJECT NOTES:

- CONTRACT DOCUMENTS: THE CONTRACT DOCUMENTS FOR THIS PROJECT, TITLED AIDEA/AEA NOISE IMPROVEMENT, DATED 2018.08.31, CONSIST OF THE PROJECT MANUAL SPECIFICATION AND CONSTRUCTION DOCUMENTS FOR THE PURPOSE OF THIS PROJECT, ALL INFORMATION HEREIN SHALL BE TREATED EQUALLY, WITHOUT ANY HIERARCHY, AND/OR ORDER OF PRECEDENCE, UNLESS OTHERWISE NOTED.
- ELECTRONIC MEDIA: THE CONSTRUCTION DOCUMENTS HAVE BEEN PREPARED UTILIZING ELECTRONIC DRAFTING FORMATS OF AUTOCAD VERSION 2015 AND/OR BIM VERSION 2017 THE AVAILABILITY OF ELECTRONIC BASE FLOOR PLANS, AND/OR ANY OTHER RELATED DOCUMENT FOR USE BY THE GENERAL CONTRACTOR FOR THE USE ON THIS SPECIFIC PROJECT IS CONDITIONALLY GRANTED THROUGH PERMISSION OF THE ARCHITECT.
- VERIFY CONDITIONS: THE CONTRACTOR SHALL VERIFY ALL PROJECT-RELATED NEW AND/OR EXISTING CONDITIONS, INCLUDING DIMENSIONS PRIOR TO THE COMMENCEMENT OF WORK. PROMPTLY NOTIFY THE OWNER AND ARCHITECT WRITING OF ANY DISCREPANCIES AND/OR UNKNOWN CONDITIONS OBSERVED.
- DRAWING FORMAT: THESE CONSTRUCTION DOCUMENTS HAVE BEEN PRODUCED AT DRAWING SCALES THAT RELATE TO THEIR FULL-SIZE FORMAT 22"X34". ANY DEVIATIONS TO THIS FORMAT SIZE WILL PRODUCE DRAWINGS OUTSIDE OF THE SCALE LIMITS INDICATED. DRAWING REPRODUCTIONS AT ANY FORMAT SHOULD NOT BE SCALED FOR DIMENSIONAL ACCURACY. USE GRAPHIC SCALES ACCORDINGLY.
- PREPARATION OF DOCUMENTS: THESE CONTRACT DOCUMENTS HAVE BEEN PREPARED FROM OWNER FURNISHED CONSTRUCTION DOCUMENTS. DEVIATION FROM THESE CONDITIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE OWNER AND ARCHITECT FOR RESOLUTION.
- HAZARDOUS MATERIALS: THIS PROJECT CONTAINS SOME LOW LEVELS OF ASBESTOS AS INDICATED IN THE 'HAZARDOUS MATERIAL SURVERY FINAL REPORT' DATED APRIL 2011 AND ASBESTOS REINSPECTION REPORT PROVIDED BY EHS ALASKA INCORPORATED, CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL, HANDLING AND DISPOSAL OF ALL MATERIALS, IN ACCORDANCE WITH ALL EPA, OSHA, GOJ, AND ANY OTHER RELATED REGULATIONS, IF APPLICABLE.
- SELECTIVE DEMOLITION: THIS PROJECT INVOLVES THE SELECTIVE DEMOLITION OF EXISTING FACILITIES. CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND DISPOSAL AS MANDATED IN THE DOCUMENTS. ALL DEMOLISHED MATERIALS WILL BECOME THE PROPERTY OF THE CONTRACTOR, AND DISPOSITION OF ALL SUCH MATERIALS ARE AT THE DISCRETION OF THE CONTRACTOR. THE PRESENCE OF ANY HAZARDOUS MATERIALS MUST BE TAKEN INTO CONSIDERATION
- PROJECT PERMITTING: THE OWNER WILL OBTAIN BUILDING PERMIT
- SITE SAFETY: CONTRACTOR IS RESPONSIBLE FOR ALL PROJECT RELATED SAFETY MEASURES ON-SITE, DURING THE PROJECTS CONSTRUCTION PERIOD. NOTIFY THE GENERAL CONTRACTOR, AND/OR THE DESIGNATED "SAFETY OFFICER" AT ONCE SHOULD ANY SAFETY RELATED CONCERNS BE OBSERVED ON-SITE

RIM

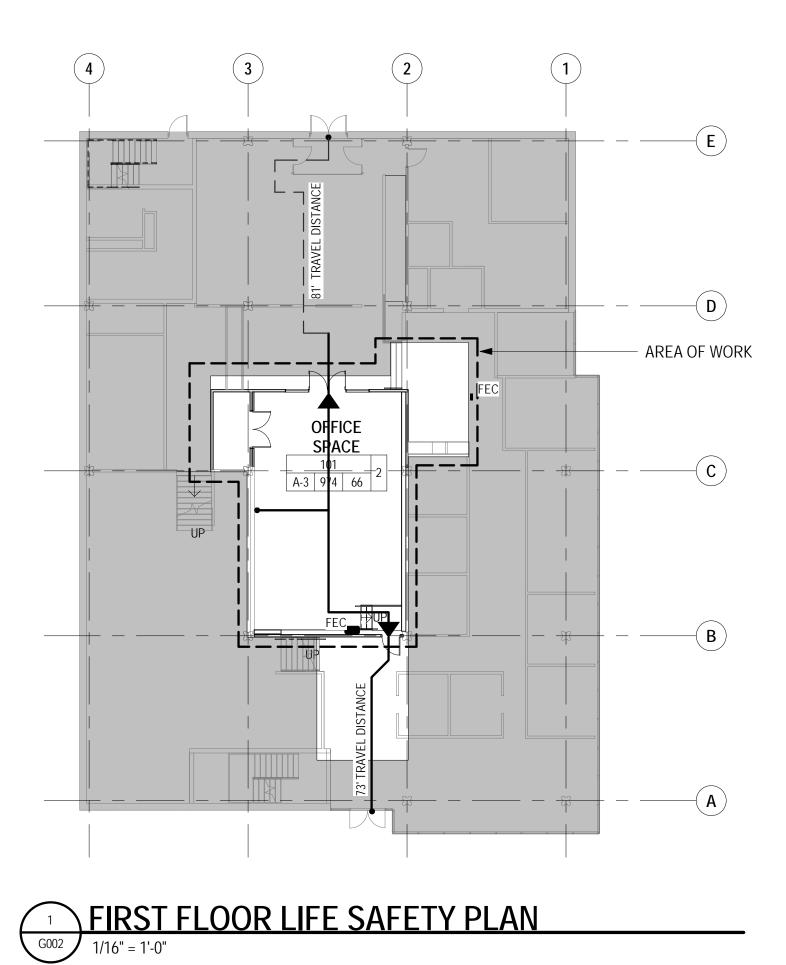
645 'G' STREET, SUITE 400 ANCHORAGE, ALASKA 99501 Phone: 907.258.7777 Fax: 907.279.8195



CONSTRUCTION **DOCUMENTS**

AIDEA/ IMPRO/ 813 W N

NO DESCRIPTION DATE 2018.08.31 PROJECT NO 161002.103 DRAWN BY GAR / RSL CHECKED BY MEK COPYRIGHT: 2018 RIM ARCHITECTS



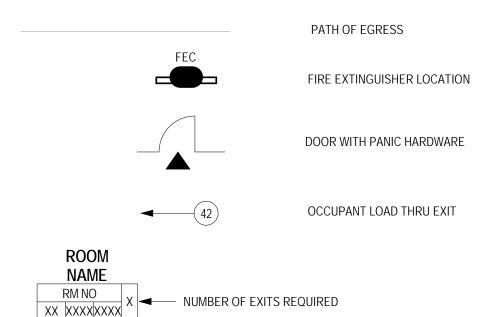


|{ UP

SPACE

1630 16

LIFE SAFETY PLAN LEGEND



NUMBER OF OCCUPANTS

----- NET SF

— IBC OCCUPANCY CLASSIFICATION

LIFE SAFETY PLAN GENERAL NOTES

1. REFERENCE CODES: ALL WORK SHALL CONFORM TO ALL APPLICABLE BUILDING CODES, STANDARDS, REGULATIONS, AND OTHER SUPPLEMENTAL AMENDMENTS RELATED TO THE JURISDICTIONS OF THE PROJECT, IN THEIR LATEST AND MOST RECENT ADOPTED EDITIONS, AND EFFECTIVE DATES.

APPLICABLE CODES

INTERNATIONAL BUILDING CODE (IBC)	2012 EDITION
INTERNATIONAL EXISTING BUILDING CODE (IEBC)	2012 EDITION
INTERNATIONAL ENERGY CONSERVATION CODE (IECC)	2012 EDITION
INTERNATIONAL MECHANICAL CODE (IMC)	2012 EDITION
UNIFORM PLUMBING CODE (UPC)	2012 EDITION
INTERNATIONAL FIRE CODE (IFC)	2012 EDITION
NATIONAL ELECTRICAL CODÈ (NÉC)	2014 EDITION
AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES	2010 EDITION
ICC/ANSI A117.1	2009 EDITION

ANCHORAGE MUNICIPAL CHARTER, CODE AND REGULATIONS

CODE INFORMATION

INTERNATIONAL EXISTING BUILDING CODE LEVEL 2 ALTERATION (IEBC 504)

USE AND OCCUPANCY CLASSIFICATION GROUP B - BUSINESS (IBC 309)

TYPE OF CONSTRUCTION

AREA OF WORK

IIIB, (IBC TABLE 601)

TOTAL BUILDING AREA:

BUILDING HEIGHT (IBC TABLE 503)

ALLOWABLE HEIGHT: 55 FEET / 3 STORIES (IBC TABLE 503)

EXISTING CONDITION HEIGHT: 39'- 3 1/2" +/- 2 STORIES + 10'-1" +/- PENTHOUSE

BUILDING AREA (IBC TABLE 503)

BASEMENT	9,862 EXISTING GROSS SQUARE FEET
FIRST FLOOR	9,816 EXISTING GROSS SQUARE FEET 977 SQUARE FEET OF THE FIRST FLOOR AREA IS ACCESSORY OCCUPANCY TO THE BUILDING WITH CLASSIFICATION OF A-3 (IBC 508.2.1 & 508.2.2)
SECOND FLOOR	5,970 EXISTING GROSS SQUARE FEET 1,630 NEW GROSS SQUARE FEET
TOTAL 2ND FLOOR	7,600 SQUARE FEET
THIRD FLOOR	7,327 EXISTING GROSS SQUARE FEET
PENTHOUSE	7,543 EXISTING GROSS SQUARE FEET
TOTAL BUILDING	34,821 GROSS SQUARE FEET
CUPANT LOAD (TABLE 1004.1	1.2)

BASED ON BUSINESS AREAS - 100 GROSS OCCUPANT LOAD FACTOR (OLF) BASEMENT NO CHANGE TO OCCUPANT LOAD

FIRST FLOOR

TOTAL SF = 9,816

EXISTING SF TO REMAIN AS BUISNESS:

8,839 SF / 100 OLF = 89 OCCUPANTS

EXISTING SF TO BE AN ASSEMBLY, UNCONCENTRATED:

977 SF / 15 OLF - 66 OCCUPANTS

SECOND FLOOR 7,600 SF / 100 OLF = 76 OCCUPANTS
THIRD FLOOR NO CHANGE TO OCCUPANT LOAD
PENTHOUSE NO CHANGE TO OCCUPANT LOAD

FIRE RESISTANCE REQUIREMENTS FOR BUILDING ELEMENTS (IBC TABLE 601)

	,
PRIMARY STRUCTURAL FRAME	0-HR
BEARING WALLS	
EXTERIOR	2-HR (NO EXTERIOR BEARING WALLS)
INTERIOR	0-HR
NON BEARING WALLS & PARTITIONS	
EXTERIOR	0-HR
INTERIOR	0-HR
FLOOR CONSTRUCTION AND ASSOC	SIATED SECONDARY MEMBERS 0-HR
ROOF CONSTRUCTION AND ASSOCIA	ATED SECONDARY MEMBERS 0-HR
FIRE RESISTANCE REQUIREMENTS I	FOR EXTERIOR WALLS (IBC TABLE 602)

X > 5' 1 HR 5' < X < 10' 1 HR 10' < X < 30' 1 HR

X > 30' 0 HR

ADDITIONAL FIRE RESISTANCE REQUIREMENTS

ROOF COVERING & ASSEMBLY CLASSIFICATION (IBC TABLE 1505.1) CLASS C

REQUIRED EGRES

NUMBER OF MEANS OF EGRESS REQUIRED (IBC 1012)

EXITS FROM STORIES (IBC 1021.2)
MINIMUM NUMBER OF EXITS REQUIRED PER FLOOR = 2
EXITS PROVIDED PER FLOOR = 2

MINIMUM REQUIRED DOOR WIDTH (IBC 1005.3.2)

BASEMENT
FIRST FLOOR
OCCUPANY LOAD: 155
155 x .2 = 31" TOTAL
140" PROVIDED

SECOND FLOOR
OCCUPANCY LOAD: 76
76 x .2 FACTOR = 15.2" TOTAL
80" PROVIDED

THIRD FLOOR
PENTHOUSE
NO CHANGE IN EXITING LOAD

MAXIMUM DISTANCE OF TRAVEL NOT TO EXCEED 200 FEET (IBC 1016.2, TABLE 1016.2)

PLUMBING SYSTEMS

IEBC SECTION 810 - PLUMBING

WHERE THE OCCUPANT LOAD OF THE STORY IS INCREASED BY MORE THAN 20 PERCENT, PLUMBING FIXTURES FOR THE STORY SHALL BE PROVIDED AS REQUIRED IN IBC CH 29 AND TABLE 2902.1

BASEMENT

NO CHANGE IN OCCUPANCY LOAD

FIRST FLOOR

EXISTING: 99 OCCUPANTS

NEW: 89 BUSINESS OCCUPANTS

66 ASSEMBLY OCCUPANTS

PERCENT CHANGE: 36%

SECOND FLOOR EXISTING: 60 OCCUPANTS NEW: 76 OCCUPANTS

PERCENT CHANGE: 21%
REVIEW IBC CH 29 FOR PLUMBING COUNT REQUIREMENTS

THIRD FLOOR NO CHANGE ON OCCUPANY LOAD

PENTHOUSE NO CHANGE IN OCCUPANCY LOAD

PLUMBING FIXTURE COUNT (IBC TABLE 2902.1)

BASEMENT: 9,862 GROSS SQUARE FEET

A-3 = 672 SF / 15 OLF = 44.8

B = 9,191 SF / 100 OLF = 91.8

FIRST FLOOR: 9,816 GROSS SQUARE FEET

A-3 = 977 SF / 15 OLF = 65.1

B = 8,839 SF / 100 OLF = 88.4

SECOND FLOOR: 7,600 GROSS SQUARE FEET
B = 7,600 SF / 100 OLF = 76

THIRD FLOOR: 7,327 GROSS SQUARE FEET

A-3 = 510 SF / 15 OLF = 34

B = 6,817 SF / 100 OLF = 68.1

A-3 OCCUPANTS = 144 (72 MALE, 72 FEMALE)

A-3 OCCUPANTS = 144 (72 MALE, 72 FEMALE)

MALE REQUIRED : 1 WC, 1 LAV

FEMALE REQUIRED: 1 WC, 1 LAV

B OCCUPANTS = 325 (123 MALE, 123 FEMALE)

MALE REQUIRED : 4 WC, 3 LAV

FEMALE REQUIRED: 4 WC, 3 LAV

TOTAL PLUMBING COUNT:

REQUIRED	MALE WC:5 LAV:4	FEMALE WC : 5 LAV : 4
PROVIDED	WC : 6 LAV : 4	WC : 7 LAV : 5

RIM

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www.rimarchitects.com



CONSTRUCTION DOCUMENTS

DISE CONTROL TENANT

T
Lights Blvd, Anchorage, AK 99503
STRIAL DEVELOPMENT AND
IORITY

DDRESS: 813
ALA
WNER: EXF

NO DESCRIPTION DATE

DATE : 2018.08.31

PROJECT NO : 161002.103

DRAWN BY : GAR / RSL

CHECKED BY : MEK

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	<u>1 '</u>	YPICAI	L ABBREVIATIONS		
(A)	ABOVE	FD	FLOOR DRAIN	P/C	PRECAST
AB	ANCHOR BOLT	FDN	FOUNDATION	PEMB	PRE-ENGINEERED METAL BUILDING
A/C	ASPHALITC CONCRETE	FIN	FINISH, FINISHED	PERP	PERPENDICULAR
ACI	AMERICAN CONCRETE INSTITUTE	FF	FINISHED FLOOR, FAR FACE	PJ	PANEL JOINT
ADDL	ADDITIONAL	FLG	FLANGE	PL	PLATE (STEEL), PROPERTY LINE
ADJ	ADJACENT	FLR	FLOOR	PL	PLATE (WOOD)
AESS	ARCHITECURALLY EXPOSED STRUCTURAL STEEL	FLASH	FLASHING	PLCS	PLACES
AGGR	AGGREGATE	FOS	FACE OF STUDS	PLWD	PLYWOOD PARTIAL PENETRATION
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	FP FS	FIREPROOF, FULL PENETRATION	PP D/S	PARTIAL PENETRATION
AISI AITC	AMERICAN IRON AND STEEL INSTITUTE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION	FT OR '	FINISH SLAB ELEVATION, FAR SIDE FOOT, FEET	P/S PSF	PRESTRESSED POUNDS PER SQUARE FOOT
ALT	ALTERNATE	FTG	FOOTING	PSI	POUNDS PER SQUARE INCH
ALUM	ALUMINUM	FUT	FUTURE	PSL	PARALLEL STRAND LUMBER
ARCH	ARCHITECT, ARCHITECTURAL	FV	FIELD VERIFY	PT	PRESSURE TREATED
@	AT			P/T	POST TENSION
APPROX	APPROXIMATELY	GA	GAUGE, GAGE	PVC	POLYVINYL CHLORIDE
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS	GALV	GALVANIZED	PVMT	PAVEMENT
ASPH	ASPHALT	GEN	GENERAL		
ASTM	AMERICAN SOCIETY FOR TESTING MATERIAL	GIRD	GIRDER	R	RADIUS
AWS	AMERICAN WELDING SOCIETY	GL	GLUE LAMINATED	RD	ROOF DRAIN, ROUND
&	AND	GND	GROUND	REF	REFERENCE
(D)	BELOW	GR GWB	GRADE GYPSUM WALL BOARD	REINF REINFORG	REINFORCING, REINFORCEMENT,
(B) B	BOTTOM (BEAM AND JOIST SCHEDULES ONLY)	GYP	GYPSUM WALL BOARD	REQD	REQUIRED
BD	BOARD	011	011 00W	RO	ROUGH OPENING
BITUM	BITUMINOUS	HDG	HOT DIPPED GALVANIZED	RS	RING SHANK
BL	BUILDING LINE	HEF	HORIZONTAL EACH FACE		
BLDG	BUILDING	HORIZ	HORIZONTAL	S	AMERICAN STANDARD STEEL SHAPE, SOUTH
BLK	BLOCK	HP	HIGH POINT, HP STEEL SHAPE	SCHED	SCHEDULE
BLKG	BLOCKING	HSB	HIGH STRENGTH BOLT	SEC-	SECTION
BOD	BOTTOM OF DECK ELEVATION	HT	HEIGHT	SH	SHEAR PLATE
BM	BEAM			SHT	SHEET
BOT	BOTTOM	IBC	INTERNATIONAL BUILDING CODE	SHTG	SHEETING
BRG	BEARING	ID	INSIDE DIAMETER	SHTHG	SHEATHING
BSMT	BASEMENT	IE IF	INVERT ELEVATION	SIM	SIMILAR
BTWN	BETWEEN	IF IN OR "	INSIDE FACE INCH	SIP SLBB	STRUCTURAL INSULATED PANEL SHORT LEGS BACK TO BACK
С	AMERICAN CHANNELS	INCL	INCLUDE	SMS	SHEET METAL SCREWS
CB	CATCH BASIN	INSUL	INSULATION, INSULATED, INSULATE	SOG	CONCRETE SLAB ON GRADE
CG	CENTER OF GRAVITY	INT	INTERIOR	SP	SPIRAL
CJ	CONSTRUCTION JOINT			SPA	SPACE, SPACING
CIP	CAST-IN-PLACE	JT	JOINT	• • • • • • • • • • • • • • • • • • • •	SPACES
CL	CENTER LINE	JST	JOIST	SPEC	SPECIFICATION
CJP	COMPLETE JOINT PENETRATION			SQ	SQUARE
CLKG	CAULKING	K	KIP, KIPS	SS	STAINLESS STEEL
CLR	CLEAR	KSI	KIPS PER SQUARE INCH	SSL	SHORT SLOTTED HOLE
CMP	CORRUGATED METAL PIPE		201112	ST	STRUCTURAL T FROM S SERIES SECTION
CMU	CONCRETE MASONRY UNIT	LB OR #	POUND	STA	STATION
CO	CLEANOUT, CONCRETE OPENING	LLBB	LONG LEGS HORIZONTAL	STD	STANDARD
COL	COLUMN	LLH	LONG LEGS VERTICAL	STIFF	STIFFENED
CONC CONN	CONCRETE CONNECTION	LLV LONGIT	LONG LEGS VERTICAL LONGITUDINAL	STIRR STL	STIRRUP STEEL
CONSTR	CONSTRUCTION	LP	LOW POINT	STRUCT	STRUCTURAL
CONT	CONTINUOUS	LSL	LONG SLOTTED HOLES	SUP	STRUCTURAL USE PANEL
CONTR	CONTRACTOR	LT	LIGHT	SUPT	SUPPORT
CTJ, CJ	CONTROL JOINT, CONTRACTION JOINT	LT WT	LIGHT WEIGHT	SUSP	SUSPENDED
CTR	CENTER	L	ANGLE	SYMM	SYMMETRICAL
CTSK	COUNTERSUNK	LVF	LOW VELOCITY FASTENERS		
CU	CUBIC			T	TOP
		M	MISCELLANEOUS SHAPE	TC	TOP OF CURB
DBL	DOUBLE	MAS	MASONRY	T&G	TONGUE AND GROOVE
DEPT	DEPARTMENT	MATL	MATERIAL	TEMP	TEMPERATURE, TEMPORARY
DET DIA Ø	DETAIL	MAX	MAXIMUM MISCELLANIEGUS CHANNEL SECTION	THK	THICK
DIA, Ø DIAA	DIAMETER DRILLED-IN ADHESIVE ANCHOR	MC MECH	MISCELLANEOUS CHANNEL SECTION MECHANICAL	THRU TOB	THROUGH TOP OF BEAM ELEVATION
				TOC	
DIAB DIAG	DRILLED-IN ADHESIVE BOLT DIAGONAL	MEMB MFR	MEMBRANE MANUFACTURER	100	TOP OF CONCRETE ELEVATION, TOP OF CMU ELEVATION
DIAG	DIAPHRAGM	MFRG	MANUFACTURING	TOF	TOP OF CIND ELEVATION TOP OF FOOTING ELEVATION
DIEB	DRILLED-IN EXPANSION BOLT	MIN	MINIMUM	TOS	TOP OF STEEL ELEVATION
DIM	DIMENSION	MISC	MISCELLANEOUS	TOSH	TOP OF SHEATHING ELEVATION
DN	DOWN	MT	STRUCTURAL TEE FROM	TOW	TOP OF WALL ELEVATION
do	DITTO		M SERIES SECTION	TP	TOP OF PAVEMENT
DP	DEEP	MTD	MOUNTED	TRANS	TRANSVERSE
DWG	DRAWING	MTL	METAL	TS	STRUCTURAL TUBE
DWL	DOWEL	N1	NODTH	TYP	TYPICAL
г	EACT	N NDT	NORTH	LIDO	LINIEODM DUIL DING CODE
ΕΛ	EAST	NDT NE	NON-DESTRUCTIVE TESTING	UBC	UNIFORM BUILDING CODE
EA EB	EACH EXPANSION BOLT	NF NIC	NEAR FACE NOT IN CONTRACT	UL UON	UNDERWRITERS LABORATORY UNLESS OTHERWISE NOTED
EF EB	EACH FACE	No OR #	NUMBER	UT	ULTRASONIC TEST
EXJ	EXPANSION JOINT	NO OK #	NOMINAL	J 1	JETT COMO TEOT
EL	ELEVATION (HEIGHT)	NS	NEAR SIDE	VEF	VERTICAL EACH FACE
ELEC	ELECTRICAL	NTS	NOT TO SCALE	VERT	VERTICAL
ELEV	ELEVATOR			VIF	VERTICAL EACH FACE
ENCL	ENCLOSURE	OA	OVERALL	VOF	VERTICAL OUTSIDE FACE
ENGR	ENGINEER	OC	ON CENTER		
EOD	EDGE OF DECK	OD	OUTSIDE DIAMETER	W	WEST, W SERIES SECTION
EQ	EQUAL	OF	OUTSIDE FACE	W/	WITH
EQJ EQUID	EARTHQUAKE JOINT	OPNG	OPENING OPPOSITE	W/O	WITHOUT
EQUIP	EQUIPMENT	OPP	OPPOSITE OVERSIZED	WD WL	WOOD WEED HOLE
ES EW	EACH SIDE EACH WAY	OVS	OVERSIZED	WH WHS	WEEP HOLE WELDED HEADED STUD
EVV EXIST, (E)	EXISTING			WP	WATERPROOF, WORK POINT
EXIST, (E)	EXPANSION			WPJ	WEAKENED PLANE JOINT
EXT	EXTERIOR			WT	WEIGHT, STRUCTURAL TEE FROM W SERIES
				- •	SECTION SECTION
				WWF	WELDED WIRE FABRIC

THE FOLLOWING NOTES APPLY UNLESS INDICATED OTHERWISE:

CODE:

INTERNATIONAL BUILDING CODE, 2012 EDITION.

DESIGN LIVE LOADS:

UNIFORM

FLOORS

WIND

50 PSF, WITH LIVE LOAD REDUCTION

PARTITIONS 15 PSF

ROOF SNOW Pg = 50 PSF, Pf = 40 PSF

> RISK CATEGORY II, I = 1.0 Ce = 0.8, Ct = 1.00

ASCE 7-10, CHAPTER 7 SNOW DRIFT

130 MPH 3-SECOND GUST ULTIMATE DESIGN WIND SPEED

MPH NOMINAL DESIGN WIND SPEED

RISK CATEGORY II EXPOSURE B (GCpi) = +/- 0.18

SEISMIC RISK CATEGORY II, I = 1.00 Ss = 1.50, S1 = 0.68

SOIL SITE CLASS D Sds = 1.00, Sd1 = 0.68SEISMIC DESIGN CATEGORY D

BASIC SEISMIC FORCE RESISTING SYSTEM: BEARING/SHEAR WALLS SPECIAL MASONRY Cs = 0.20, R = 5, OMEGA = 2.5EQUIVALENT LATERAL FORCE ANALYSIS

REINFORCED MASONRY:

DRILL-IN MASONRY ANCHORS:

"KWIK BOLT TZ" BY HILTI FASTENING SYSTEMS OR APPROVED EQUAL. ICC-ES CERTIFICATION FOR SEISMIC LOADS IN MASONRY REQUIRED. SPECIAL INSPECTION REQUIRED.

DRILL-IN ADHESIVE ANCHORS:

"HIT HY-70" ADHESIVE ANCHOR SYSTEM BY HILTI FASTENING SYSTEMS FOR REINFORCED OR UNREINFORCED MASONRY, BY HILTI FASTENING SYSTEMS OR APPROVED EQUAL. ICC-ES CERTIFICATION FOR SEISMIC LOADS IN MASONRY REQUIRED. SPECIAL INSPECTION REQUIRED.

MASONRY SCREW ANCHORS:

"KWIK BOLT HUS-EZ" BY HILTI FASTENING SYSTEMS OR APPROVED EQUAL. ICC-ES CERTIFICATION FOR SEISMIC LOADS IN MASONRY REQUIRED. SPECIAL INSPECTION REQUIRED.

STRUCTURAL STEEL:

ALL STEEL ASTM A36, EXCEPT WIDE FLANGE SECTIONS TO BE ASTM A992, OR A572-50. FABRICATION AND ERECTION PER AISC SPECIFICATIONS. SUBMIT SHOP DRAWINGS.

SPECIAL INSPECTION IS NOT REQUIRED.

WELDING PER AWS D1.1. MINIMUM SIZE WELDS 3/16" CONTINUOUS FILLET. WELDERS CERTIFIED PER AMERICAN WELDING SOCIETY FOR ROD AND POSITION. ELECTRODES SHALL BE E70XX MINIMUM.

HIGH-STRENGTH BOLTS PER ASTM F3125 TYPE 1, GRADE A325 OR F1852. TYPICAL BOLTED CONNECTIONS – PRETENSIONED TYPE. TENSION HIGH-STRENGTH BOLTS BY DIRECT TENSION INDICATOR METHOD USING LOAD INDICATOR DEVICES INSTALLED PER MANUFACTURER'S INSTRUCTIONS.

APPLY ONE COAT OF SHOP PAINT TO ALL STEEL EXCEPT FOR CONTACT SURFACES IN BOLTED PARTS OR AREAS TO BE FIELD WELDED.

GLUED-LAMINATED TIMBER

BEAMS AND GIRDERS - DOUGLAS FIR SPECIES. COMBINATION 24F-V4 FOR SIMPLE SPANS AND COMBINATION 24F-V8 FOR CONTINUOUS AND CANTILEVER SPANS. FABRICATE PER ANSI/AITC A190.1. PROVIDE WET-USE ADHESIVES. MOISTURE CONTENT - 15 PERCENT MAXIMUM. APPEARANCE - ARCHITECTURAL GRADE. SUBMIT SHOP DRAWINGS. USE MILD STEEL PLATE WASHERS AT ALL BOLT HEADS AND NUTS BEARING ON WOOD. CAMBER FLOOR BEAMS L/500 AT MIDSPAN.

STRUCTURAL SAWN LUMBER:

YARD

LUMBER VISUALLY GRADED AND STAMPED PER WWPA STANDARD GRADING RULES. MOISTURE CONTENT OF LUMBER 2" OR LESS IN THICKNESS - 19 PERCENT MAXIMUM.

STRUCTURAL LIGHT FRAMING – DOUG FIR/LARCH SPECIES, NO. 2 GRADE OR BETTER.

MINIMUM NAILING FOR CONNECTION OF VARIOUS COMPONENTS PER TABLE 2304.9.1 OF THE IBC. TREAT WOOD BEARING ON OR WITHIN 1" OF MASONRY OR CONCRETE WITH PRESERVATIVE. USE MILD STEEL PLATE WASHERS AT ALL BOLT HEADS AND NUTS BEARING ON WOOD. USE COMMON NAILS ONLY. USE GALVANIZED FRAMING HARDWARE MANUFACTURED BY SIMPSON COMPANY OR APPROVED EQUAL. ICC-ES CERTIFICATION REQUIRED.

MINIMUM NAIL SIZES - 8d COMMON - 0.131" DIA X 2 1/2" 10d COMMON - 0.148" DIA X 3" 16d COMMON – 0.162" DIA X 3 1/2"

SHEATHING:

SHEATHING GRADE - CD EXPOSURE 1 WITH EXTERIOR GLUE LAID FACE GRAIN PERPENDICULAR TO

FLOOR SHEATHING - 1 1/8" THICK, 48 SPAN RATING T & G EDGES.

PROVIDE 2x4 BLOCKING AT ALL UNSUPPORTED WALL PANEL EDGES. GLUE FLOOR SHEATHING TO ALL SUPPORTS WITH ADHESIVE COMPLYING WITH APA AFG-01, AT A 50 PERCENT SKIP PATTERN AND A 3/16" DIA. BEAD MINIMUM.

NAILING AT ALL PANEL EDGES IS AS FOLLOWS:

FLOOR SHEATHING - 10d @ 6" OC.

NAILING AT ALL PANEL INTERMEDIATE SUPPORTS IS AS FOLLOWS:

FLOOR SHEATHING - 10d @ 10" OC.

MISCELLANEOUS:

CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS, MEMBER SIZES AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS ARE INTENDED AS GUIDELINES ONLY AND MUST BE VERIFIED. THE EXISTING CONDITIONS SHOWN ON THE DRAWINGS ARE BASED ON EITHER SITE OBSERVATION, ORIGINAL DRAWINGS OR WERE ASSUMED BASED ON EXPECTED CONDITIONS. IF THE EXISTING CONDITIONS DO NOT CLOSELY MATCH THE CONDITIONS SHOWN ON THE DRAWINGS. OR IF THE EXISTING MATERIALS ARE OF QUESTIONABLE OR SUBSTANDARD QUALITY, NOTIFY THE ARCHITECT PRIOR TO COMMENCING ANY WORK.

DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED BUT ARE OF SIMILAR CHARACTER TO DETAILS SHOWN. SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED SUBJECT TO REVIEW AND APPROVAL BY THE ARCHITECT AND STRUCTURAL ENGINEER.

REFER TO ARCHITECTURAL DRAWINGS FOR WALL OPENINGS, ARCHITECTURAL TREATMENT AND DIMENSIONS NOT SHOWN.

REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR SIZE AND LOCATION OF DUCT OPENINGS, PIPING, CONDUITS, ETC, NOT SHOWN.

SHOP DRAWINGS SHALL BE SUBMITTED AND REVIEWED PRIOR TO FABRICATION.

PROVIDE TEMPORARY ERECTION BRACING AND SHORING AS REQUIRED FOR STABILITY OF THE STRUCTURE DURING ALL PHASES OF CONSTRUCTION.

REFER TO SPECIFICATIONS FOR INFORMATION NOT CONTAINED IN THESE GENERAL NOTES.

SPECIAL INSPECTIONS

SPECIAL INSPECTION:

THE FOLLOWING SPECIAL INSPECTIONS SHALL BE PERFORMED BY QUALIFIED PERSONNEL EMPLOYED BY THE OWNER OR THE OWNER'S AGENT. THE OWNER OR THE OWNER'S AGENT SHALL SUBMIT INSPECTORS' RESUMES TO THE MUNICIPALITY OF ANCHORAGE BUILDING DEPARTMENT FOR APPROVAL. THE CONTRACTOR SHALL COORDINATE WORK WITH THE SPECIAL INSPECTORS.

SPECIAL INSPECTORS SHALL OBSERVE THE WORK ASSIGNED FOR CONFORMANCE WITH APPROVED DESIGN DRAWINGS AND SPECIFICATIONS. INSPECTION REPORTS SHALL BE FURNISHED TO THE MUNICIPALITY OF ANCHORAGE BUILDING DEPARTMENT, OWNER AND THE ARCHITECT. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION, AND TO THE ATTENTION OF THE ARCHITECT AND THE ENGINEER OF RECORD.

THE SPECIAL INSPECTORS SHALL SUBMIT A FINAL SIGNED REPORT STATING WHETHER THE WORK REQUIRING SPECIAL INSPECTION WAS, TO THE BEST OF THE INSPECTORS' KNOWLEDGE, IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS AND THE APPLICABLE WORKMANSHIP PROVISIONS OF THE APPLICABLE CODES.

PROVIDE THE FOLLOWING SPECIAL INSPECTIONS PER SECTION 1704 OF THE 2012 INTERNATIONAL BUILDING CODE (IBC):

VERIFICATION AND INSPECTION OF DRILLED ANCHORS:

- ADHESIVE ANCHORS:
- A. CONTINUOUSLY INSPECT DURING THE DRILLING AND PLACEMENT IN ACCORDANCE WITH THE ADHESIVE ANCHOR MANUFACTURER'S ICC EVALUATION SERVICE REPORT.
- 2. EXPANSION ANCHORS IN CONCRETE OR MASONRY:
- A. CONTINUOUSLY INSPECT DURING THE DRILLING AND PLACEMENT IN ACCORDANCE WITH THE ADHESIVE ANCHOR MANUFACTURER'S ICC EVALUATION SERVICE REPORT.

CONCRETE SCREW ANCHORS:

A. PERIODICALLY INSPECT DURING THE DRILLING AND PLACEMENT IN ACCORDANCE WITH THE ADHESIVE ANCHOR MANUFACTURER'S ICC EVALUATION SERVICE REPORT.

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CONSTRUCTION **DOCUMENTS**

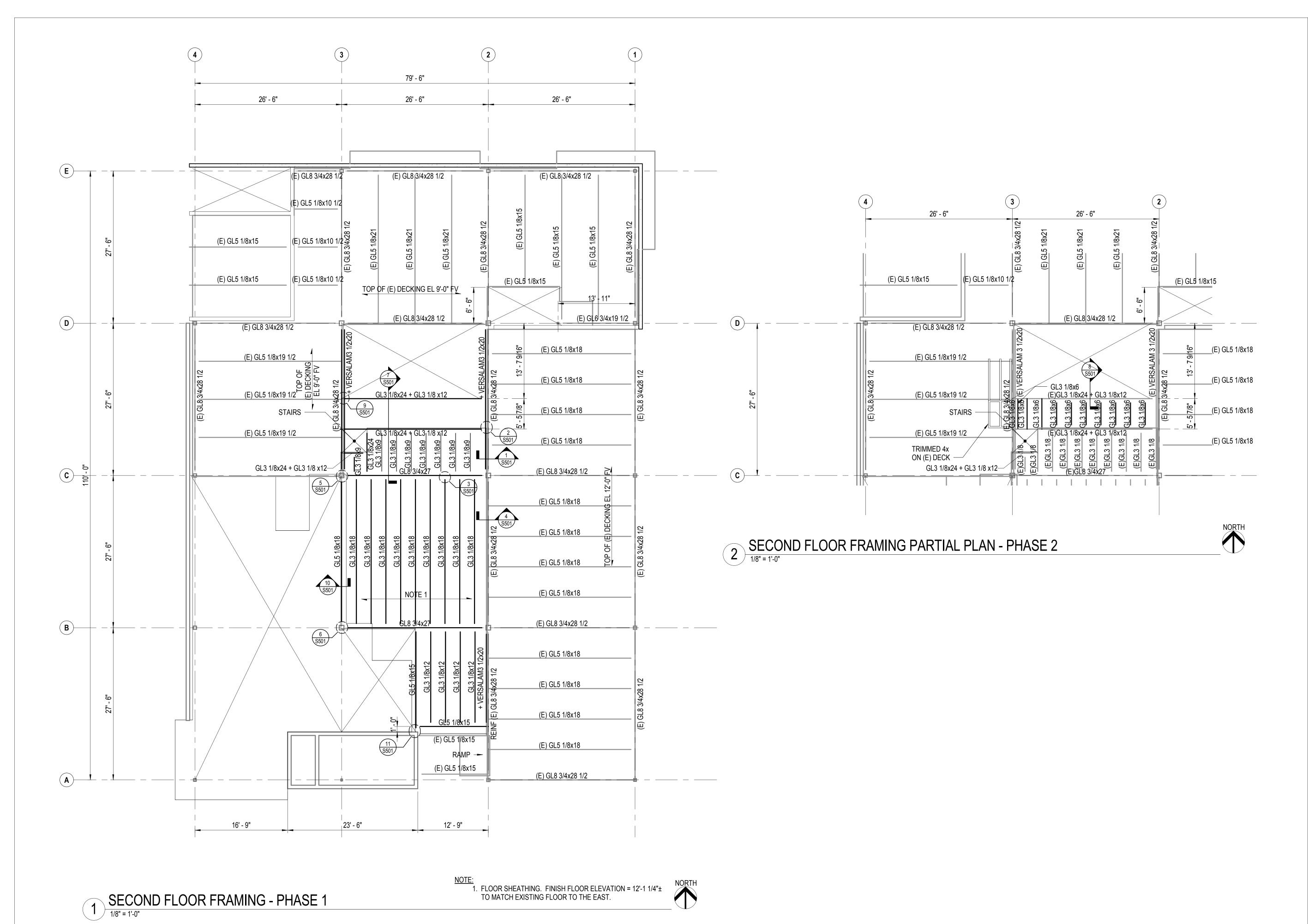
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9

813 W NORTHERN LIGH ANCHORAGE AK 99503 ALASKA INDUSTRIAL E EXPORT AUTHORITY GENERAL NOTES

NO DESCRIPTION DATE DATE 2018.08.31 PROJECT NO: 161002.103 DRAWN BY CMS CHECKED BY DLB

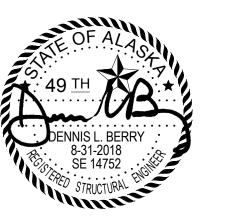
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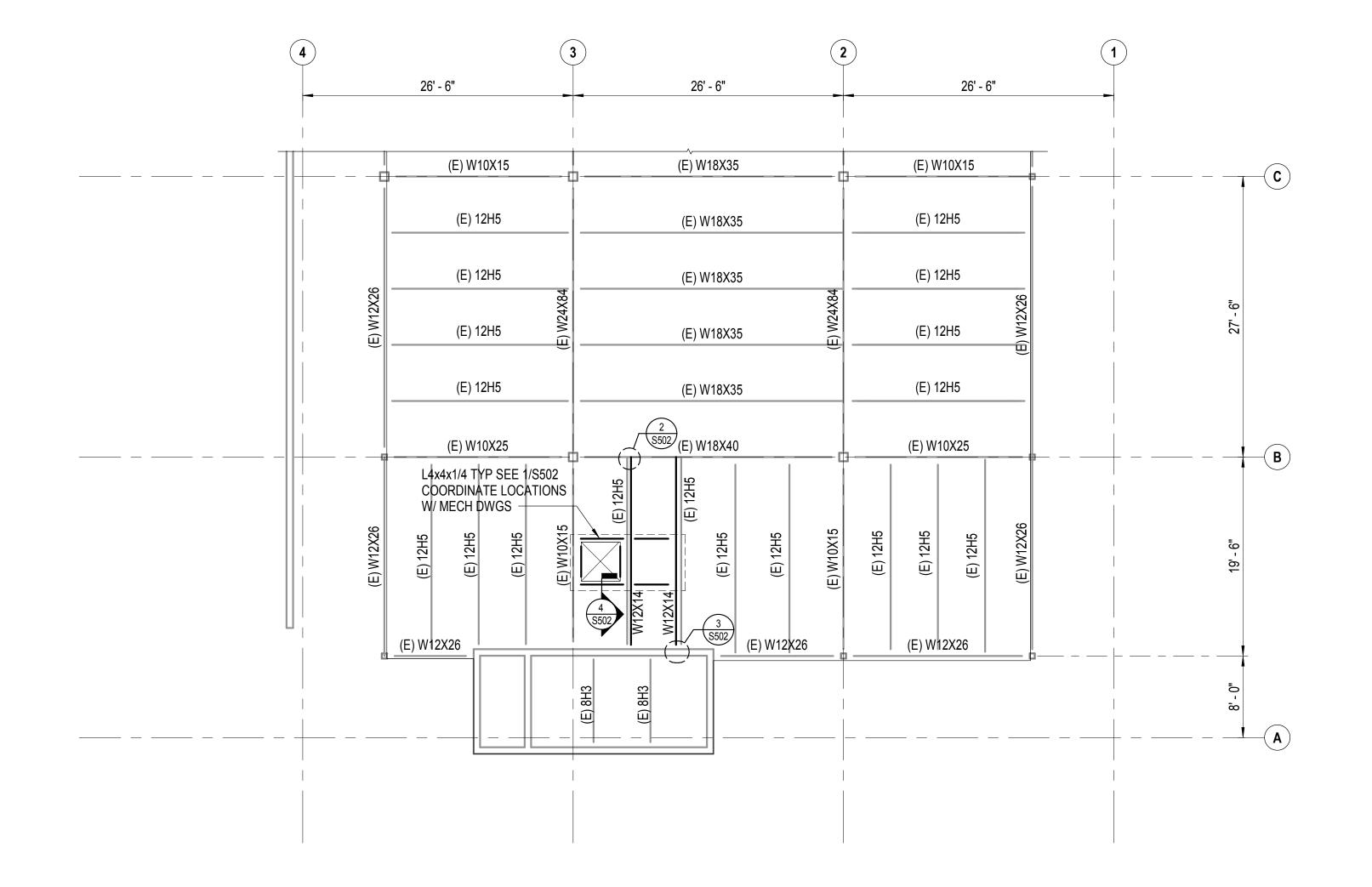
CONSTRUCTION DOCUMENTS

813 W NORTHERN LIGI ANCHORAGE AK 99503 ALASKA INDUSTRIAL E EXPORT AUTHORITY SECOND FLOOR FRAM

NO DESCRIPTION DATE

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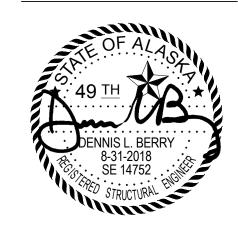




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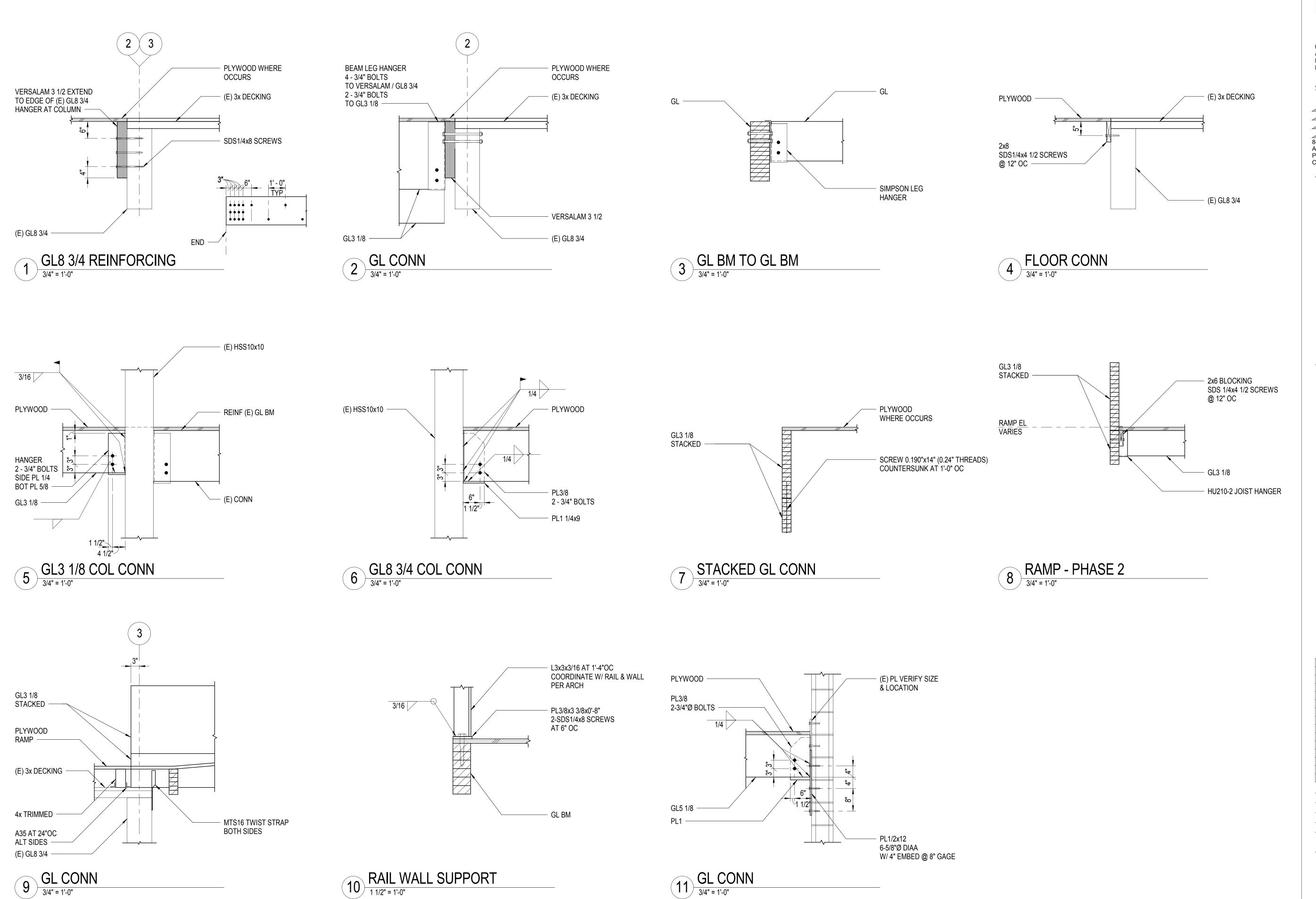
CONSTRUCTION **DOCUMENTS**

AIDEA NOISE CONTROL TENANT IMPROVEMENT

813 W NORTHERN LIGI ANCHORAGE AK 99503 ALASKA INDUSTRIAL E EXPORT AUTHORITY PENTHOUSE FLOOR &

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CONSTRUCTION DOCUMENTS

TENANT IMPROVEMENT GHTS BLVD, 03 . DEVELOPM

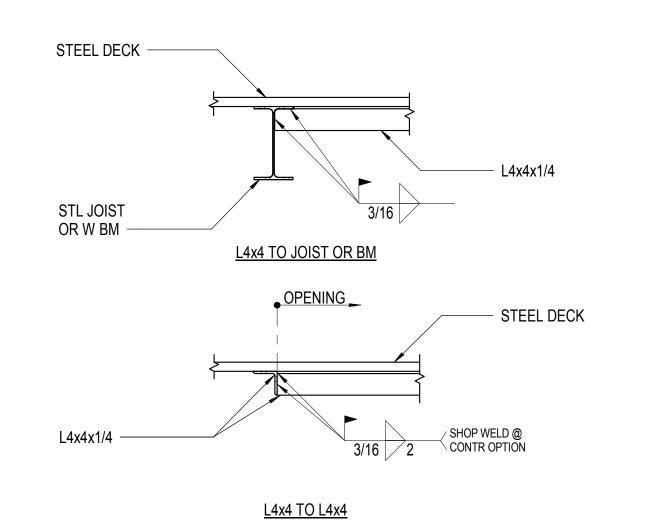
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DATE 2018.08.31 161002.103 PROJECT NO

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DWG NO:

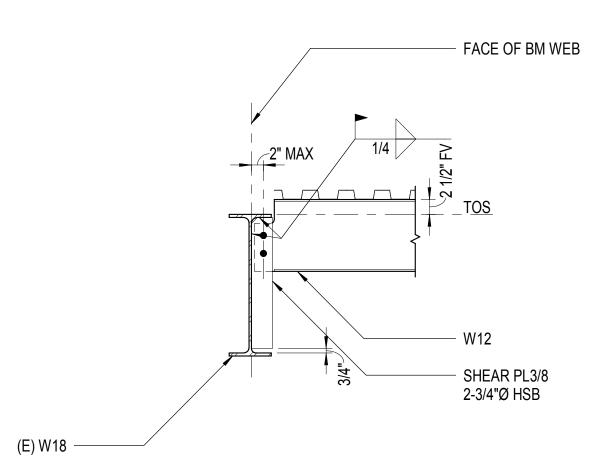
S501



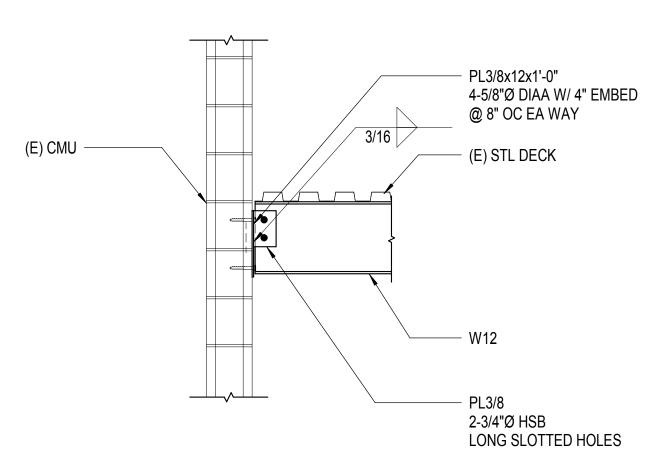
APPLIES AT ALL DECK OPENINGS LARGER THAN 8".

DECK OPENING SUPPORT FRAME

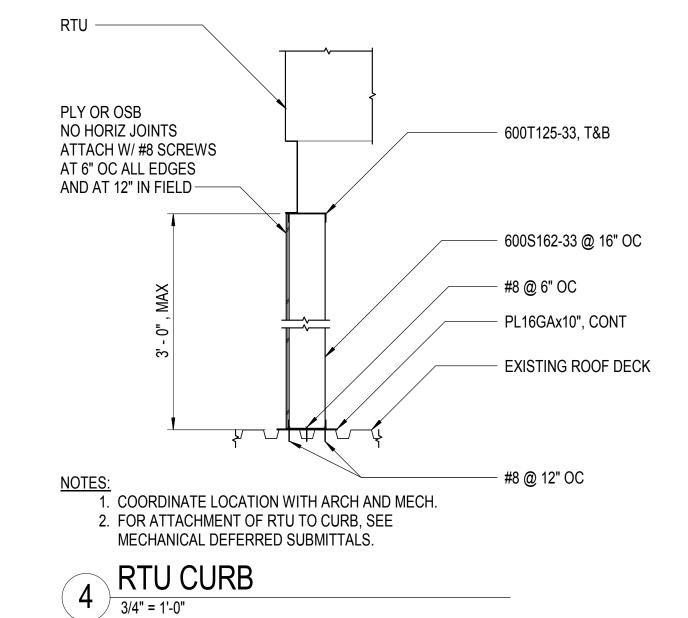
3/4" = 1'-0"



2 BEAM TO BEAM
3/4" = 1'-0"



3 (S502/3) W BM CONN
3/4" = 1'-0"



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CONSTRUCTION DOCUMENTS

AIDEA NOISE CONTROL TENANT IMPROVEMENT 813 W NORTHERN LIGHTS BLVD, ANCHORAGE AK 99503 ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY

NO DESCRIPTION DATE

DATE : 2018 08 31

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 2018.08.31

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 161002.103

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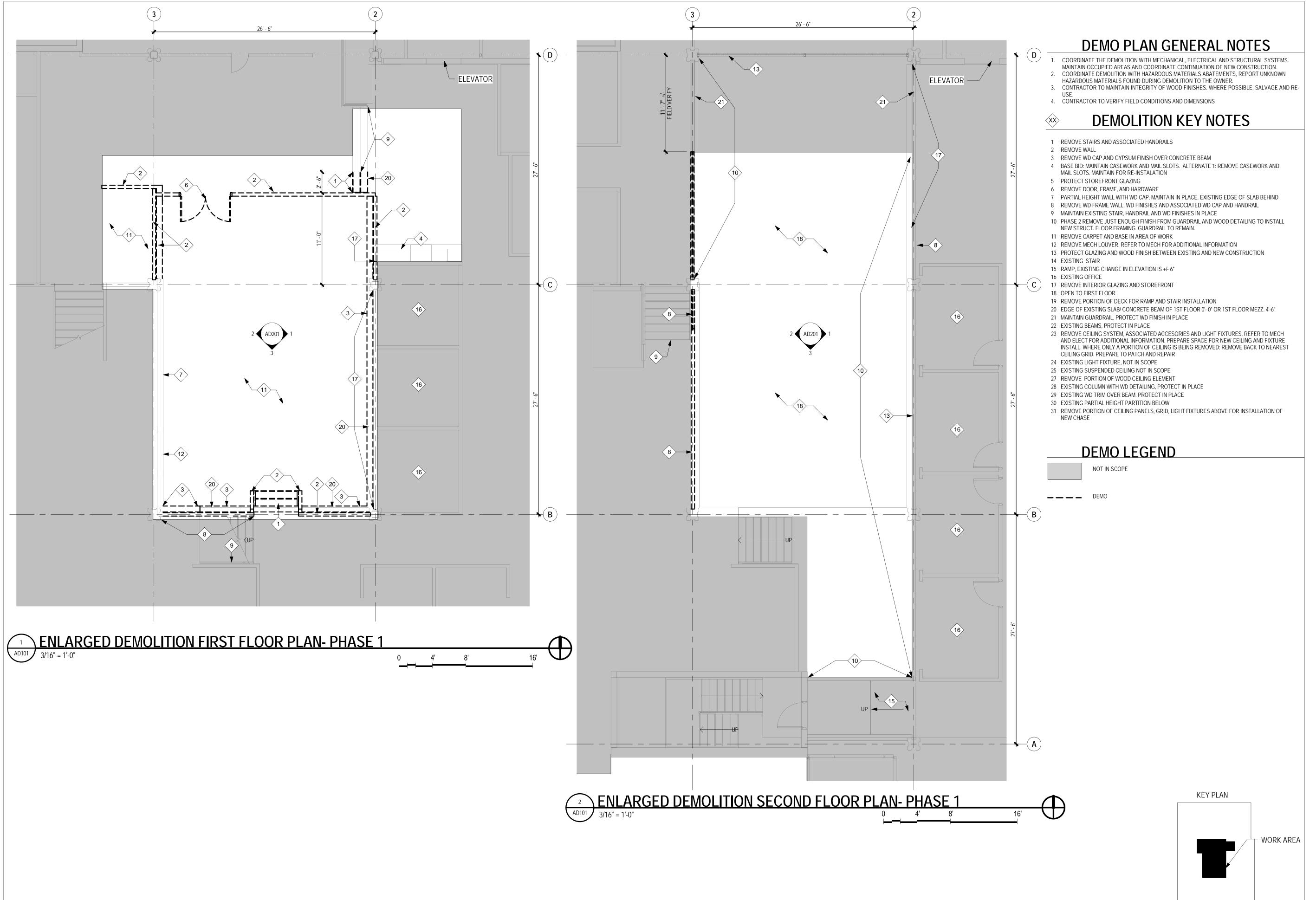
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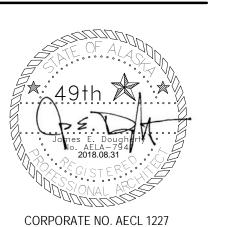
G NO:

S502



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CONSTRUCTION DOCUMENTS

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ALASKA INDUSTRIAL DEVELOPMENT AND
EXPORT AUTHORITY
DEMOLITION FLOOR PLANS - PHASE 1

NO DESCRIPTION DATE

DATE : 2018.08.31

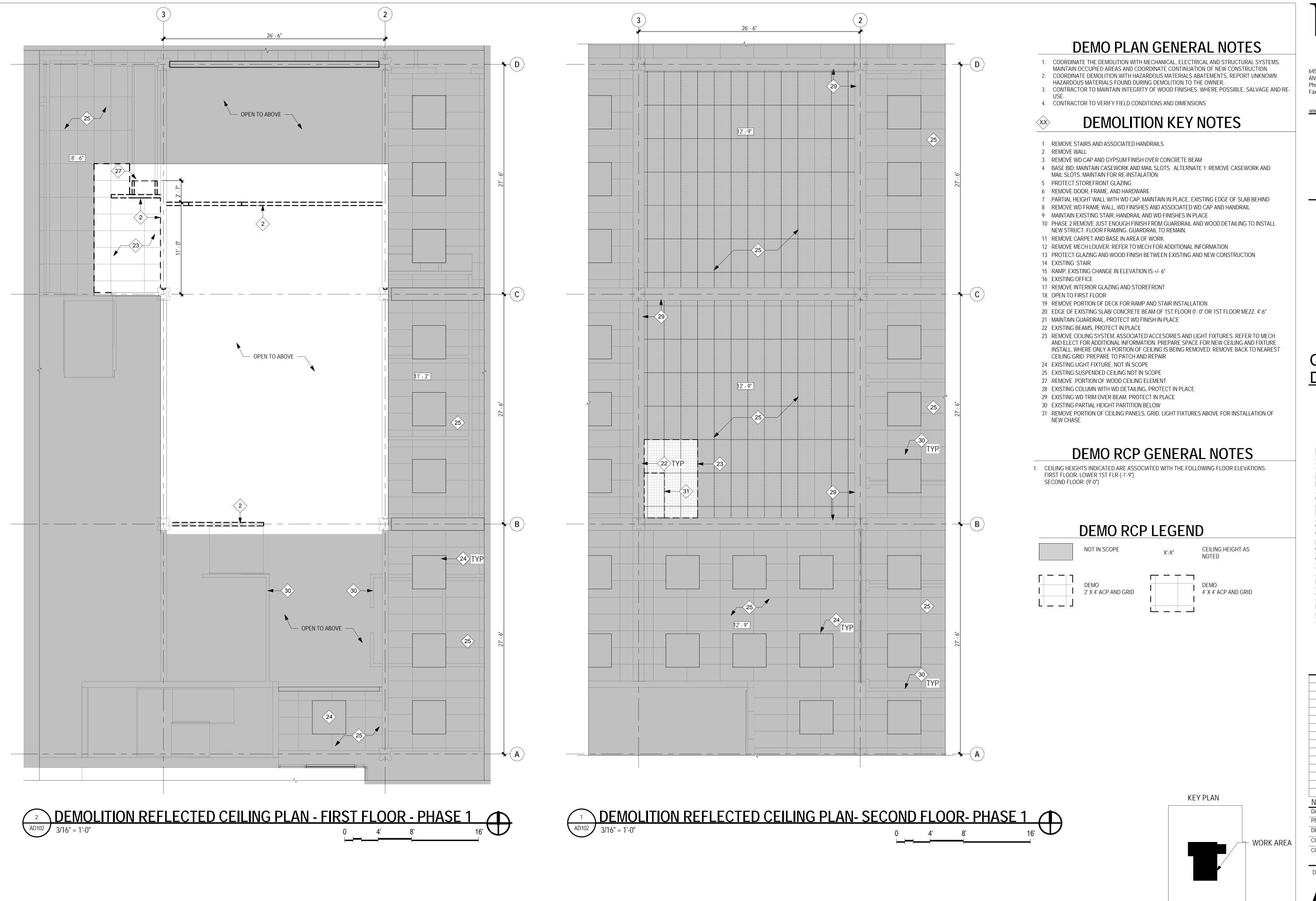
DATE : 2018.08.31

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IMPROVEMENT
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ALASKA INDUSTRIAL DEVELOPMENT AND
EXPORT AUTHORITY
DEMOLITION REFLECTED CELLING PLANS -

NO DESCRIPTION DATE

NO DESCRIPTION DATE

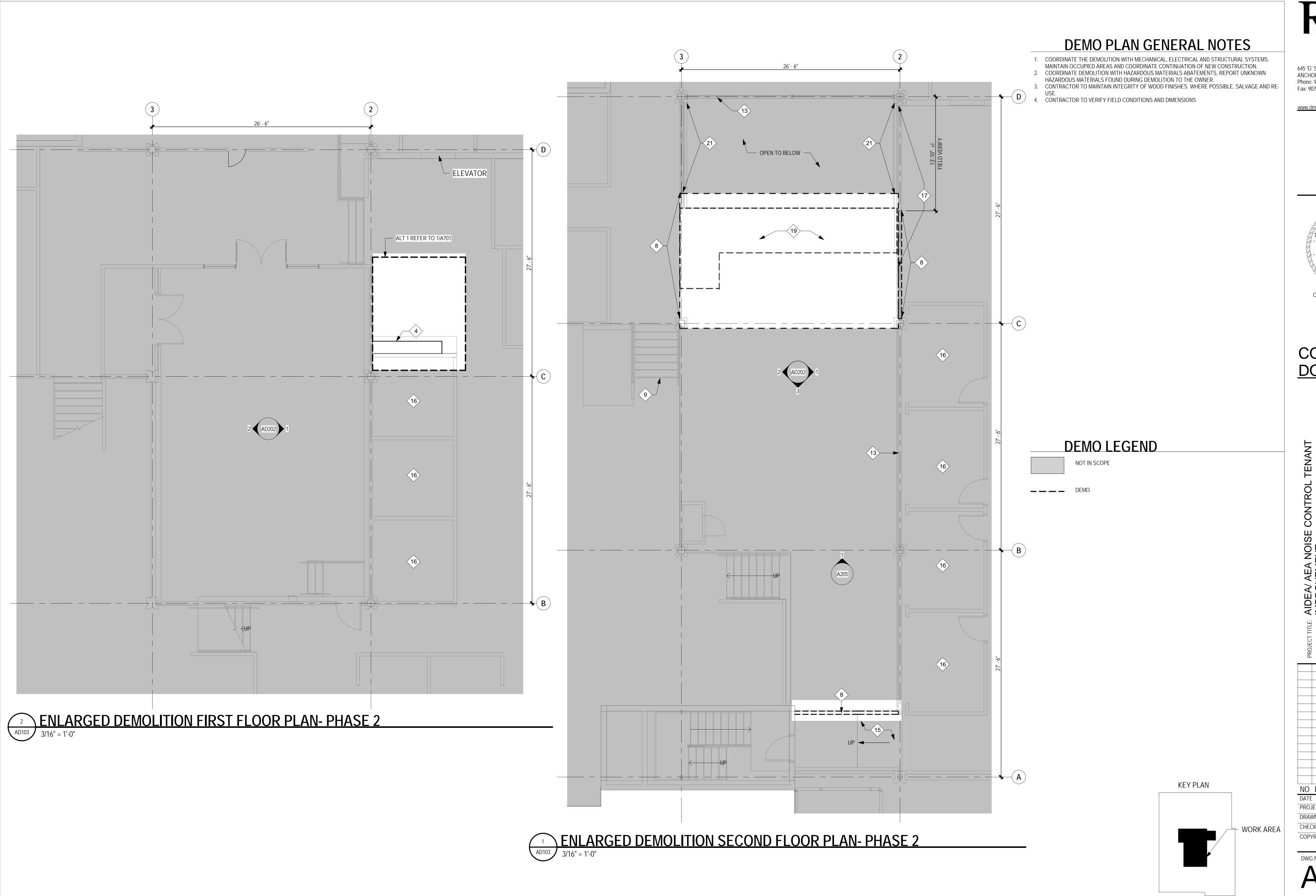
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ESS: 813 W Northern Lights Blvd, Anchorage, AK 9950;

ALASKA INDUSTRIAL DEVELOPMENT AND

RE EXPORT AUTHORITY

TITLE: DEMONITION FLOOR PLANS, PHASE 2

NO DESCRIPTION DATE

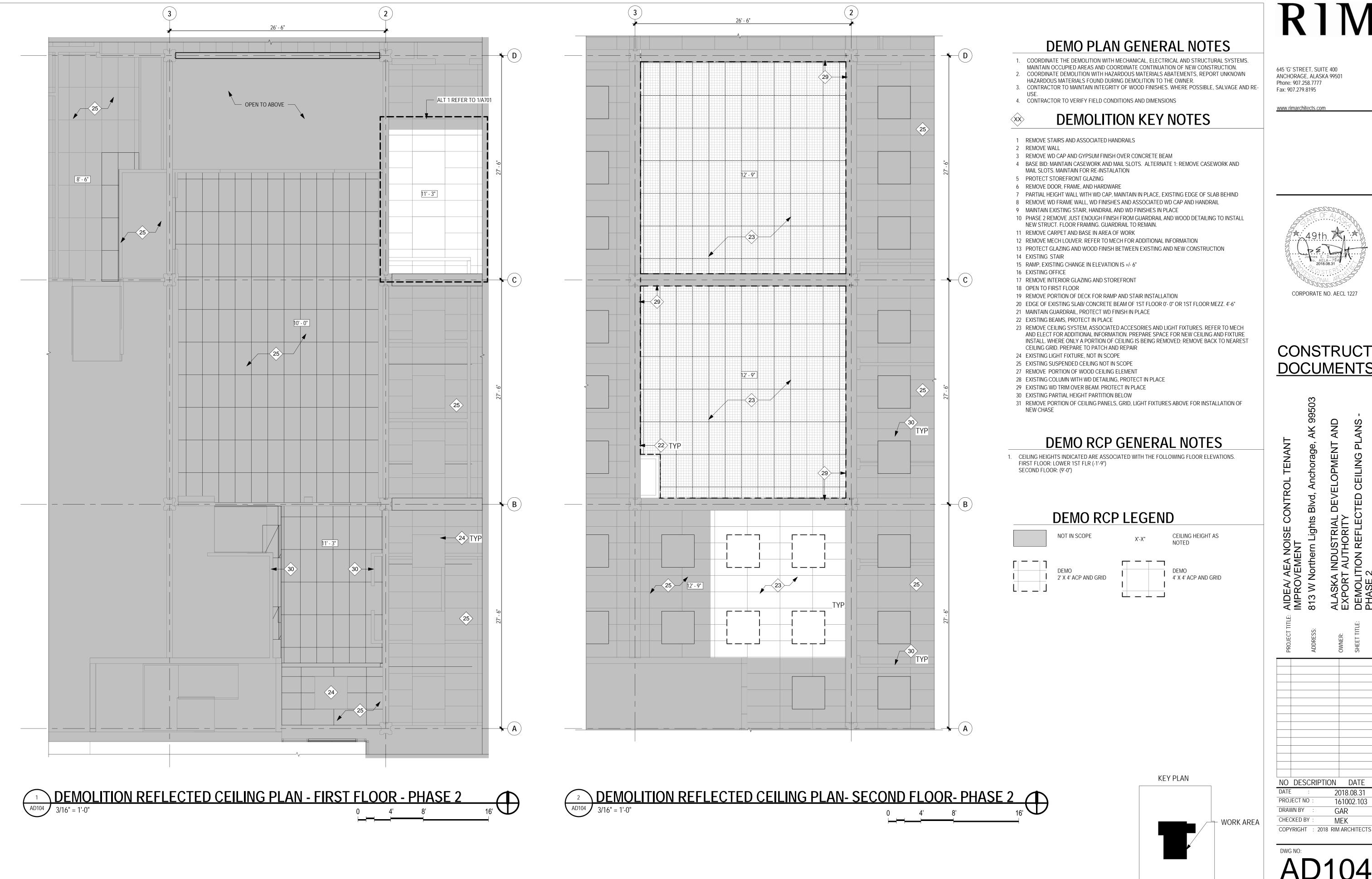
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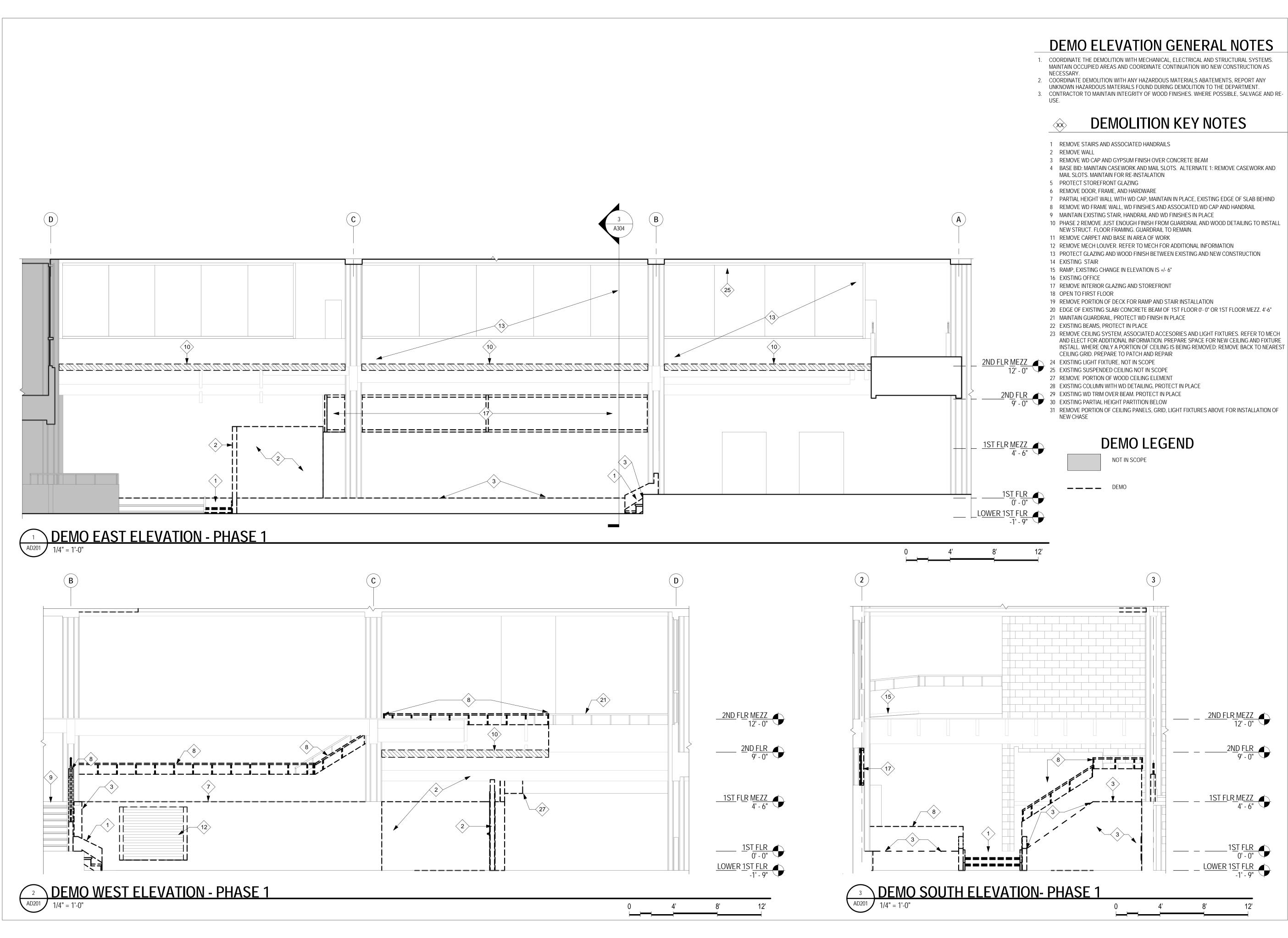
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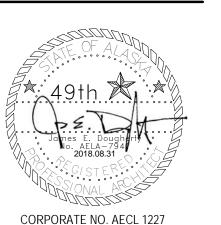
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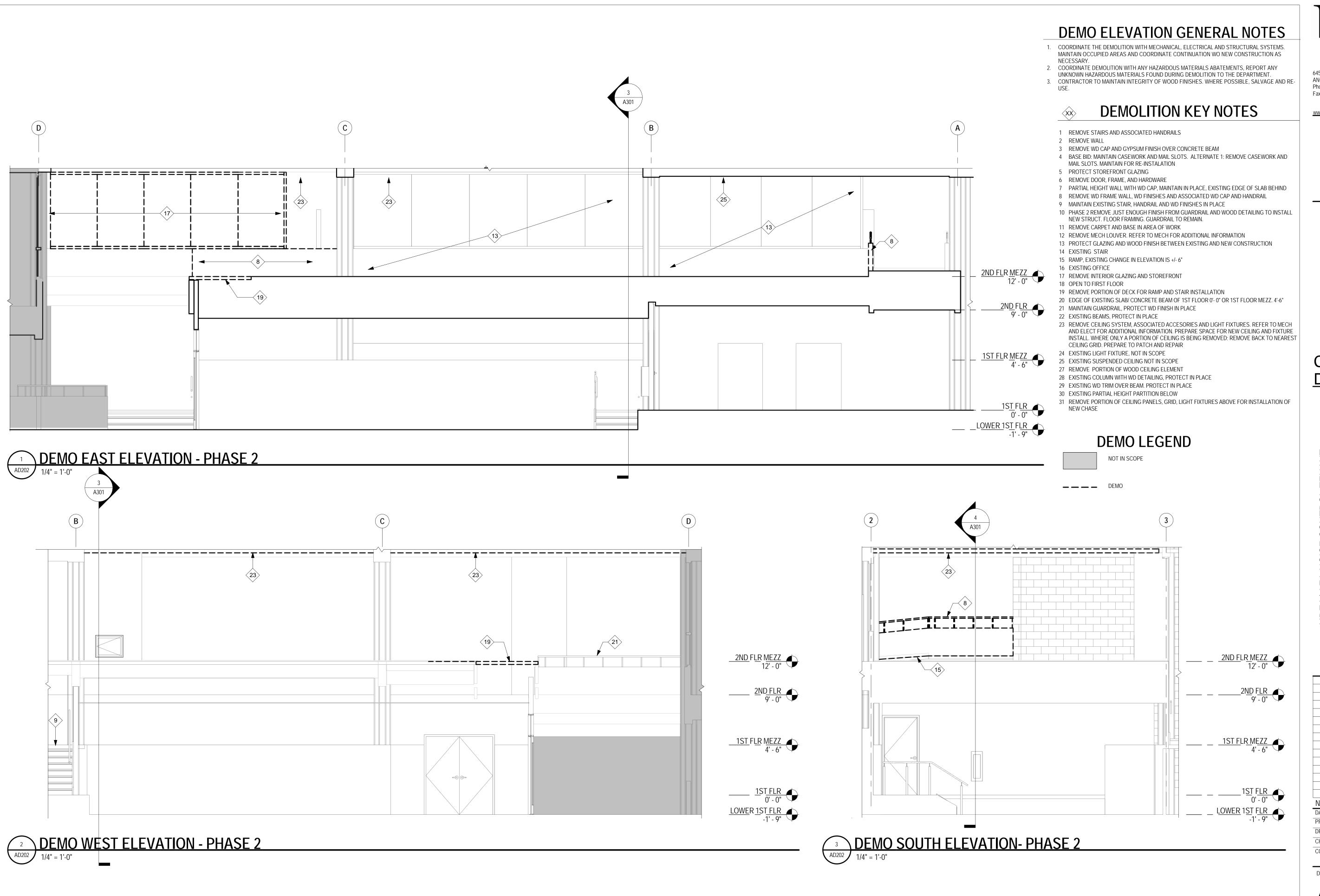
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ABBREVIATIONS LEGEN

	А
AB	ANCHOR BOLT
ABS	ACRYLONITRILE BUTADIENE STYRENE
ABV	ABOVE
A/C	AIR CONDITIONING
AC	ASPHALTIC CONCRETE
ACP	ACOUSTICAL CEILING PANEL
AD	AREA DRAIN
ADDL	ADDITIONAL
ADF	ACCESSIBLE DRINKING FOUNTAIN
ADJ	ADJACENT
AFF	ABOVE FINISH FLOOR
AFS	ABOVE FINISH SLAB
AGGR	AGGREGATE
ALUM	ALUMINUM
ALT	ALTERNATE
ANOD	ANODIZED
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
	В
BBQ	BARBEQUE
BD	BOARD
BFF	BELOW FINISH FLOOR
BKBD	BACK BOARD
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BM	BEAM
BOD	BOTTOM OF DECK

BOTTOM FACE

BOTTOM BEDROOM

BRACKET

BASEMENT BETWEEN

BUILT-UP ROOFING

BOT F

BOT

BRKT

BSMT

BTWN

	С
CAB	CABINET
CB	CATCH BASIN
CEM	CEMENT
CER	CERAMIC
CFCI	CONTRACTOR FURNISHED /
	CONTRACTOR INSTALLED
CG	CORNER GUARD
CMPST	COMPOSITE
CI	CAST IRON
CIP	CAST IN PLACE
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CLO	CLOSET
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CNTR	COUNTER
CO	CLEAN OUT
COL	COLUMN
CONC	CONCRETE
COND	CONDITION
CONN	CONNECTION
CONSTR	CONSTRUCTION
CONT	CONTINUE/CONTINUOUS
CONTR	CONTRACTOR
COORD	COORDINATE
COP	COPPER
CORR	CORRIDOR
CPT	CARPET
CSK	COUNTERSINK
CTD	CERAMIC TILE
CTR	CARINET HALL HEATER
CUH	CABINET UNIT HEATER

	D
D	DEEP/DEPTH
DBL	DOUBLE
DEG	DEGREE
DEPT	DEPARTMENT
DET	DETAIL
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DISP	DISPENSER
DN	DOWN
DR	DOOR
DS	DOWNSPOUT
DSP	DRY STANDPIPE
DW	DISHWASHER
DWG	DRAWING
DWO	DRAWFR

CULTURED

COLD WATER PIPING

V	D	
		E
	E EA EIFS EJ EL ELAST ELEC ELEV EMER ENCL EPB EPDM ES EQ EQUIP EOS EWC EXH EXP EXPN EXT	EAST EACH EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ELEVATION ELASTOMERIC ELECTRICAL ELEVATOR EMERGENCY ENCLOSURE ELECTRICAL PANEL BOARD ETHYLENE PROPYLENE DIENE MONOMER EACH SIDE EQUIPMENT EDGE OF SLAB ELECTRIC WATER COOLER EXHAUST EXPOSED EXPANSION EXTERIOR
	(E)	EXISTING F
	F FA FAB FB FCU FD FDTN FE FEC FF	FAHRENHEIT FIRE ALARM FABRICATE FLAT BAR FAN COIL UNIT FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET FINISH FLOOR FURNITURE, FIXTURES AND EQUIPMENT
	FGL FH FHC FIN GR FIXT FLDG FLG FLR FLUOR FLR SK FOC FOF	FIBERGLASS FIRE HYDRANT FIRE HOSE CABINET FINISH FINISH GRADE FIXTURE FOLDING FLOORING FLOOR FLUORESCENT FLOOR SINK FACE OF CONCRETE FACE OF FINISH

FCU	FAN COIL UNIT		
FD	FLOOR DRAIN		
FDTN	FOUNDATION		
FE	FIRE EXTINGUISHER		
FEC	FIRE EXTINGUISHER CABINET		
FF	FINISH FLOOR		
FF & E	FURNITURE, FIXTURES AND		
	EQUIPMENT		
FGL	FIBERGLASS		
FH	FIRE HYDRANT		
FHC	FIRE HOSE CABINET		
FIN	FINISH		
FIN GR	FINISH GRADE		
FIXT	FIXTURE		
FLDG	FOLDING		
FLG	FLOORING		
FLR	FLOOR		
FLUOR	FLUORESCENT		
FLR SK	FLOOR SINK		
FOC	FACE OF CONCRETE		
FOF	FACE OF FINISH		
FOM	FACE OF MASONRY		
FOS	FACE OF STUD		
FOW	FACE OF WALL		
FP	FIRE PROOF		
FR	FRAME		
FRP	FIBERGLASS REINFORCED		
	PLASTIC		
FRT	FIRE RETARDANT		
FRZ	FREEZER		
FT	FEET		
FTD	FACIAL TISSUE DISPENSER		
FTG	FOOTING		
FURG	FURRING		
FUT	FUTURE G		
	<u> </u>		
G	NATURAL GAS		
GA	GAUGE		
GALV	GALVANIZED		
GB	GRAB BAR		
GEN	GENERAL		
GFGI	GOVERNMENT FURNISHED /		
J. J.	GOVERNMENT INSTALLED		
GFRG	GLASSFIBER REINFORCED GYPSUM		
GFRC	GLASSFIBER REINFORCED CONCRETE		
GL	GLASS/GLAZING		
GLU LAM	GLUE LAMINATED WOOD		
GPM	GALLONS PER MINUTE		
GRAN	GRANITE		
GSB	GYPSUM SHEATHING BOARD		
GTV	GATE VALVE		
GWT	GLAZED WALL TILE		
GYP	GYPSUM		
GWB	GYPSUM WALL BOARD		
	Н		
П	ПСП		
H HB	HIGH HOSE BIBB		
LIC	HOLLOW CODE		

HOLLOW CORE

HARDBOARD

HARDWARE

HARDWOOD

HORIZONTAL

HOT WATER

HEIGHT

HOLLOW METAL

HEATING, VENTILATION AND

HOT WATER SUPPLY

AIR CONDITIONING

HOT WATER RETURN

HDBD

HDW

HM

HS

HWR

HORIZ

HANDICAPPED

	I
ID	INSIDE DIAMETER
INCL IMP	INCLUDED INSULATED METAL PANEL
IN	INCH INFORMATION
INFO INSUL	INSULATION/INSULATED
INT INV	INTERIOR INVERT
	J
J-BOX	JUNCTION BOX
JAN JST	JANITOR JOIST
JT JT	JOINT
	K
KD KIT	KNOCK DOWN KITCHEN
KO	KNOCK-OUT
KW KWH	KILOWATT KILOWATT HOUR
	L
L	LENGTH
LAB LAM	LABORATORY LAMINATE
LAV LB	LAVATORY POUND
LBF/SF	POUNDS PER SQUARE FOOT
LDG LF	LANDING LINEAR FOOT
LH LKR	LEFT HAND LOCKER
LLV	LONG LEG VERTICAL
LOC LT	LOCATION LIGHT
LR	LIVING ROOM
LVR	LOUVER
	М
M M2	METER SQUARE METERS
MATL	MATERIAL
MAX MB	MAXIMUM MACHINE BOLT
MBR	MASTER BEDROOM
MC MECH	MEDICINE CABINET MECHANICAL
MEMB MEZZ	MEMBRANE MEZZANINE
MFR	MANUFACTURER
MH MI	MANHOLE MIRROR
MID MIN	MIDDLE MINIMUM
MISC	MISCELLANEOUS
MLDG MM	MOULDING MILLIMETER
MO	MASONRY OPENING
MOD MP	MODULE METAL PANEL
MR MTD	MOISTURE RESISTANT MOUNTED
MTL	METAL
MTG MULL	MOUNTING MULLION
MUN	
.IVIVV	MICROWAVEN
NEC	NORTH
NFS NIC	NON-FROST SUSCEPTIBLE NOT IN CONTRACT
NO NOM	NUMBER NOMINAL
NTS	NOT TO SCALE
OA	O OVERALL
OBS	OBSCURE
OC OD OF/CI	ON CENTER OUTSIDE DIAMETER OWNER FURNISHED/

OWNER FURNISHED/

OWNER INSTALLED

OVERFLOW DRAIN

OPENING

OVER HEAD

OVER HANG

OPH OPPOSITE HAND

OPP OPPOSITE
OPR OPERABLE
OVHD OVER H

OH

OPNG

		P
INSIDE DIAMETER INCLUDED INSULATED METAL PANEL INCH INFORMATION INSULATION/INSULATED INTERIOR INVERT	PA PC PCC PEND PERIM PH PLAS PLBG PL	PUBLIC ACCESS PIECE PRECAST CONCRETE PENDANT PERIMETER PENTHOUSE PLASTER PLUMBING PROPERTY LINE
J JUNCTION BOX JANITOR JOIST JOINT	PLAM PLYWD PNL PR PROP PREFAB PT PTD	PLASTIC LAMINATE PLYWOOD PANEL PAIR PROPERTY PREFABRICATE PAINT PAPER TOWEL DISPENSER
K KNOCK DOWN KITCHEN KNOCK-OUT KILOWATT	PTDR PTN PTR PVC _PVMT	PAPER TOWEL DISPENSER AND RECEPTACLE PARTITION PAPER TOWEL RECEPTACLE POLYVINYL CHLORIDE PAVEMENT
KILOWATT HOUR	QT	QUARRY TILE
LENGTH LABORATORY LAMINATE LAVATORY POUND POUNDS PER SQUARE FOOT LANDING LINEAR FOOT LEFT HAND LOCKER LONG LEG VERTICAL LOCATION LIGHT LIVING ROOM LOUVER M METER SQUARE METERS MATERIAL MAXIMUM MACHINE BOLT MASTER BEDROOM MEDICINE CABINET MECHANICAL	R R RA RB RB HK RCP RD REC REF REFL REG REINF RECS REQD RESIL REST REV RTF RFG RLG RH RND RM RO RWL	R RISER RADIUS RETURN AIR RUBBER BASE ROBE HOOK REFLECTED CEILING PLAN ROOF DRAIN RECESSED REFRIGERATOR REFLECTED REGISTER REINFORCE RECOMMENDATIONS REQUIRED RESILIENT REST ROOM REVISION RUBBER TILE FLOOR ROOFING RAILING RIGHT HAND ROUND ROOM ROUGH OPENING RAIN WATER LEADER
MEMBRANE MEZZANINE MANUFACTURER MANHOLE MIRROR MIDDLE MINIMUM MISCELLANEOUS MOULDING MILLIMETER MASONRY OPENING MODULE METAL PANEL MOISTURE RESISTANT MOUNTED METAL MOUNTING MULLION MUNTIN MICROWAVE N NORTH NON-FROST SUSCEPTIBLE NOT IN CONTRACT NUMBER NOMINAL NOT TO SCALE O OVERALL OBSCURE ON CENTER OUTSIDE DIAMETER OWNER FURNISHED/ CONTRACTOR INSTALLED OWNER FURNISHED/	S SA SAB SB SC SCHED SCD SCP SCR SCRN SD SECT SED SF SHT SHR SHTHG SHV SIM SL SLDG SLNT SM SNDU SPC SPEC SPKLR SPKR SQ SSD SST SMD SMLS SS STA STD STL	SOUTH SUPPLY AIR SOUND ATTENUATION BLANKET SPLASH BLOCK SOLID CORE SCHEDULE SEAT COVER DISPENSER SCUPPER SHOWER CURTAIN ROD SCREEN SMOKE DETECTOR SECTION SEE ELECTRICAL DRAWINGS SOUARE FEET SHEET SHOWER SHEATHING SHELVING SIMILAR SLOPE SLIDING SEALANT SHEET METAL SANITARY NAPKIN DISPENSER SANITARY NAPKIN DISPOSAL UNIT SPACING SPECIFICATION SPRINKLER SPEAKER SQUARE SEE STRUCTURAL DRAWINGS STAINLESS STEEL SEE MECHANICAL DRAWINGS SEAMLESS SOLID SURFACE STATION STANDARD STEEL

STL

STRUCT

SURR

SUSP

SVCE

STEEL

STORAGE

STRINGERS

STRUCTURAL

SURROUND

SUSPENDED

SWITCH SYMMETRICAL

SERVICE

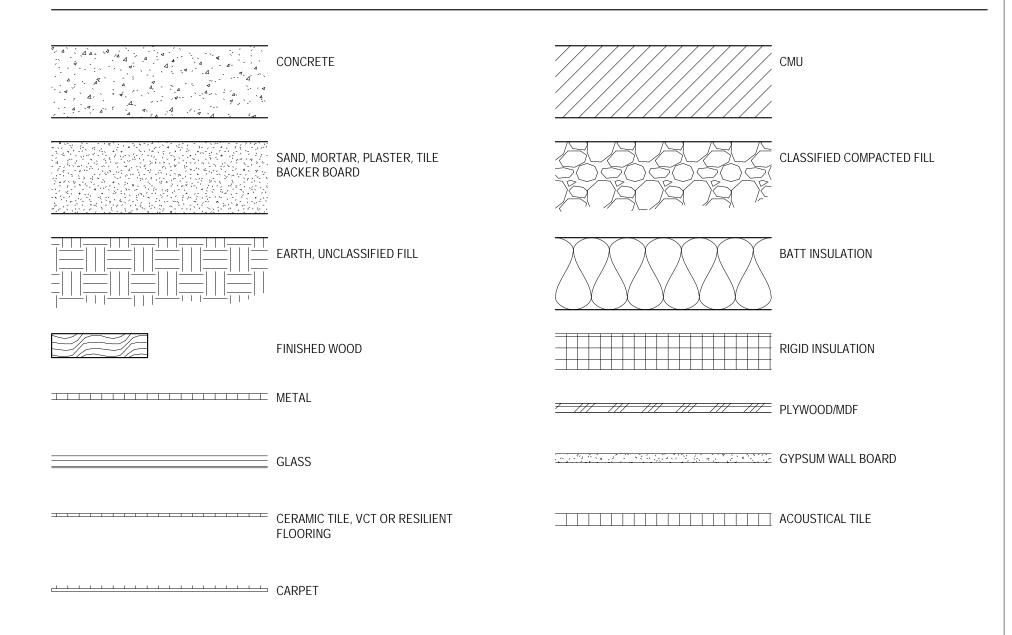
SYSTEM

	T
T	TREAD
TB	TOWEL BAR
TBD	TO BE DETERMINED
TD	TRENCH DRAIN
TEL	TELEPHONE
TEMP	TEMPERATURE
TER	TERRAZZO
T&G	TONGUE AND GROOVE
THRES	THRESHOLD
THRU	THROUGH
THK	THICKNESS
TK BD	TACK BOARD
TMPD	TEMPERED
TOC	TOP OF CURB
TOM	TOP OF MASONRY
TOP	TOP OF PARAPET
TOS	TOP OF SLAB
TOW	TOP OF WALL
TPD	TOILET PAPER DISPENSER
TPH	TOILET PAPER HOLDER
TS	TUBE STEEL
TSH	TOWEL SHELF
TSTAT	THERMOSTAT
TVD	TELEVISION
TYP	TYPICAL
TLT	TOILET
	U
UBC	UNIFORM BUILDING CODE
UC	UNDERCUT
UNGD	UNDERGROUND
UH	UNIT HEATER
UL	UNDERWRITERS LABORATORY
UNFIN	UNFINISHED
UNO	UNLESS OTHERWISE NOTED
UR	URINAL
	5. MW 12
	V
VAR	VARIES
VB	VALVE BOX
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VOL	VOLUME
VP	VENEER PLASTER
VTR	VENETRY ENGINER VENT THROUGH ROOF

VINYL WALL COVERING

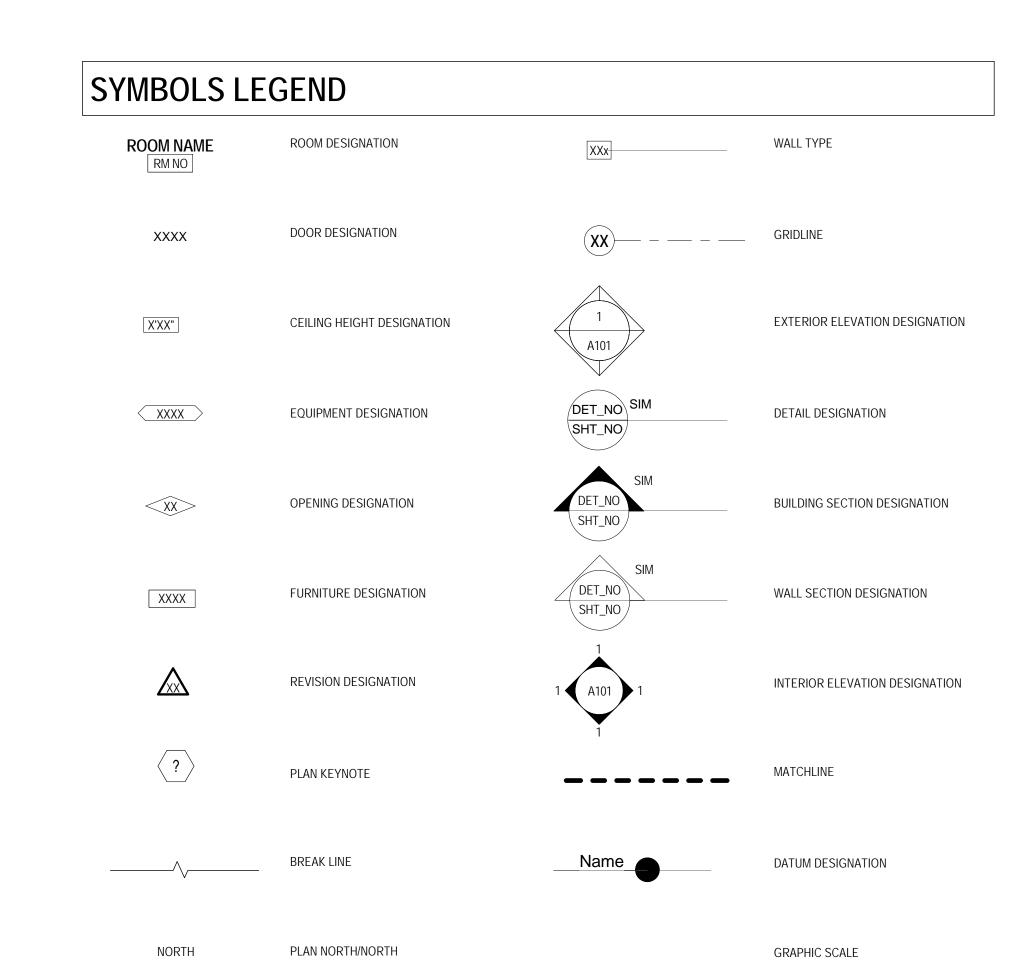
NG EADER		W
EADER	W	WIDE
	W/	WITH
	WC	WALL COVERING
	WCLR	WATER COOLER
	WD	WOOD
UATION BLANKET	WDSP	WASTE DISPOSER
K	WDW	WINDOW
	WF	WIDE FLANGE
	WGL	WIRED GLASS
DISPENSER	WH	WATER HEATER
	W/O	WITHOUT
TAIN ROD	WP	WATERPROOF / WATERPROOFING
	WR	WATER REPELLENT
CTOR	WSCT	WAINSCOT
	WSP	WET STAND PIPE
CAL DRAWINGS	WT	WEIGHT
	WWF	WELDED WIRE FABRIC

MATERIALS LEGEND



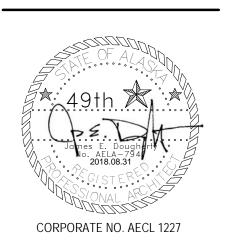
PROJECT SPECIFIC ABBREVIATIONS

VIEW NAME 1



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CONSTRUCTION **DOCUMENTS**

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TITLE DESIGNATION



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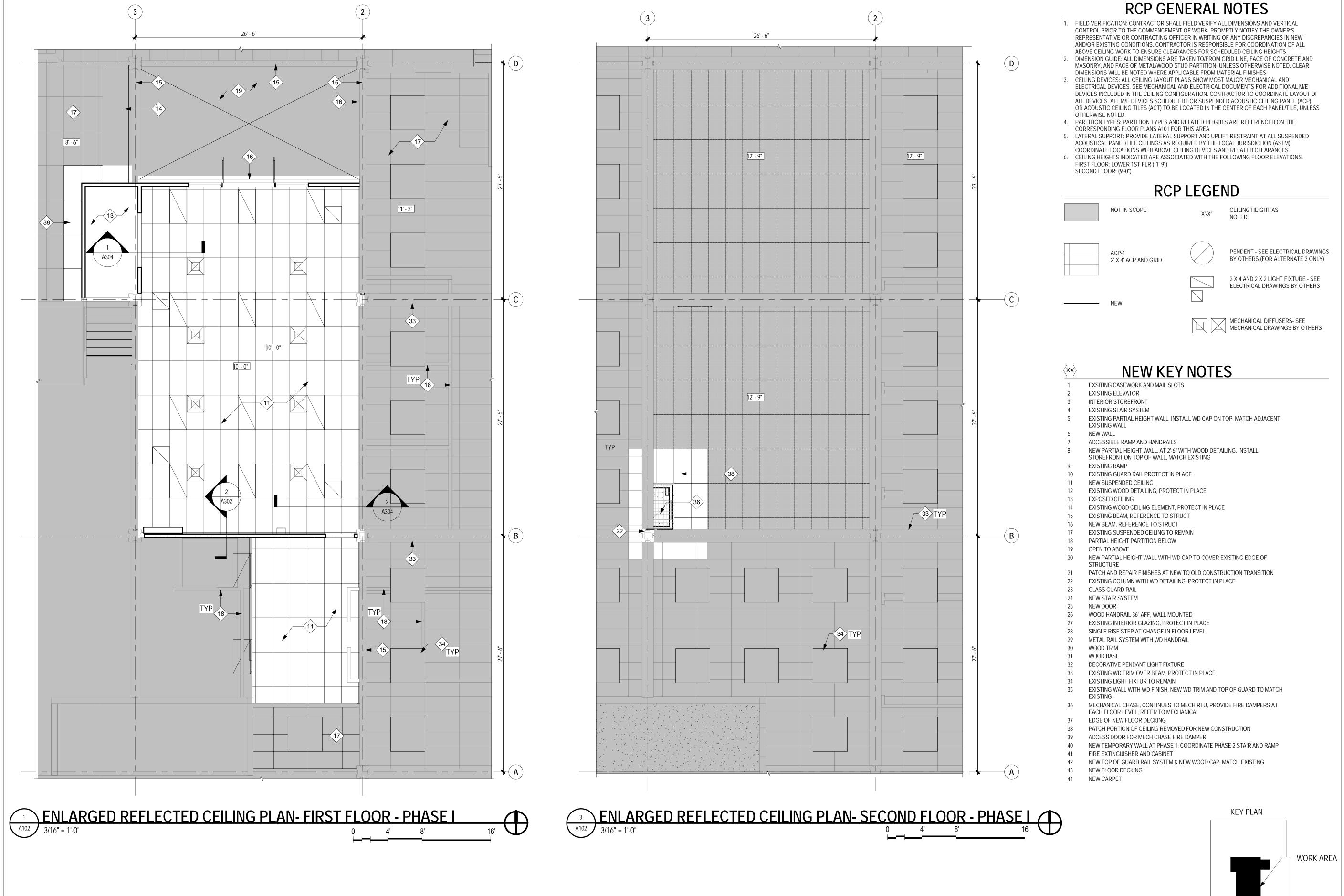
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SKA INDUSTRIAL DEVEL

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OWNER: E

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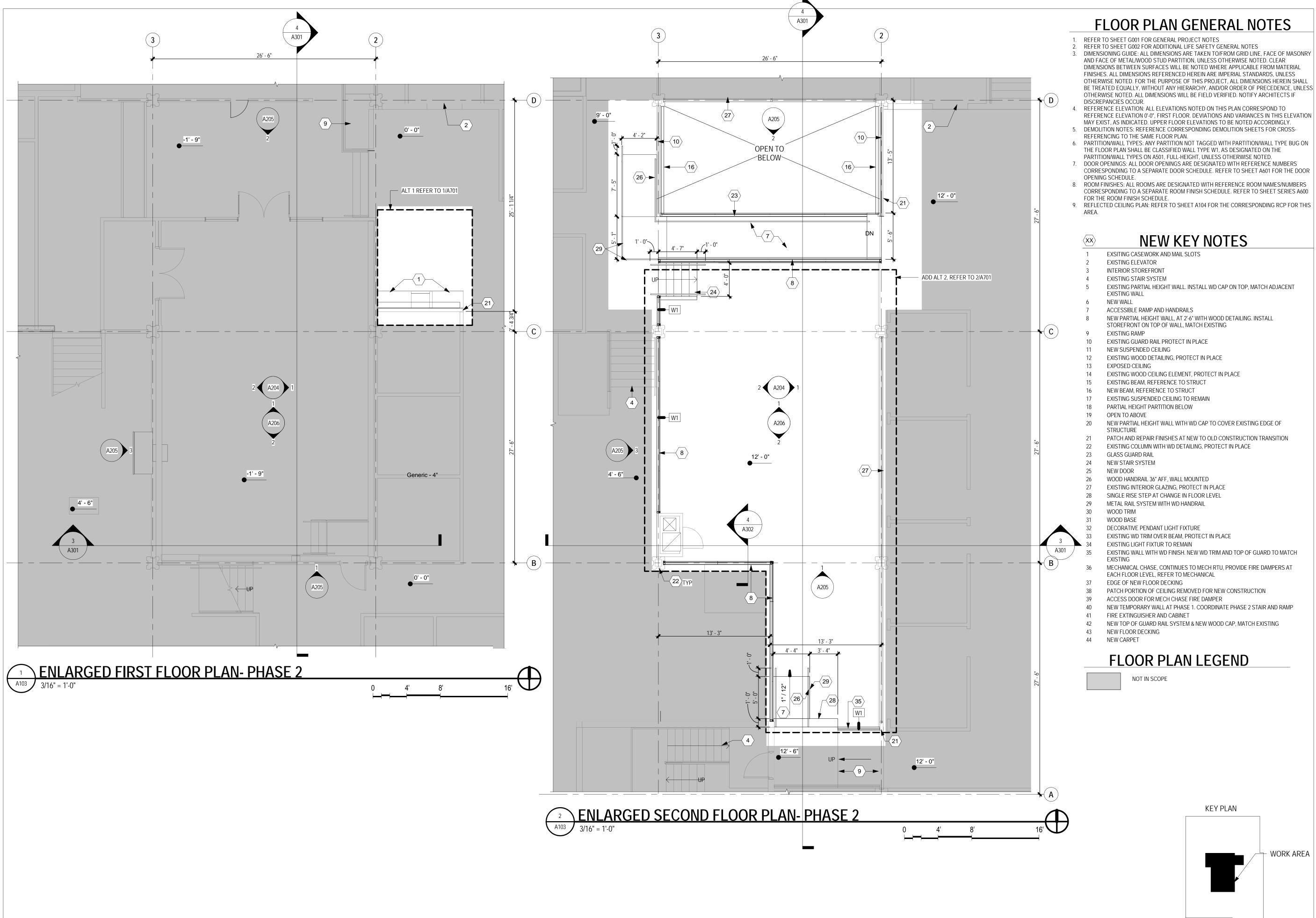
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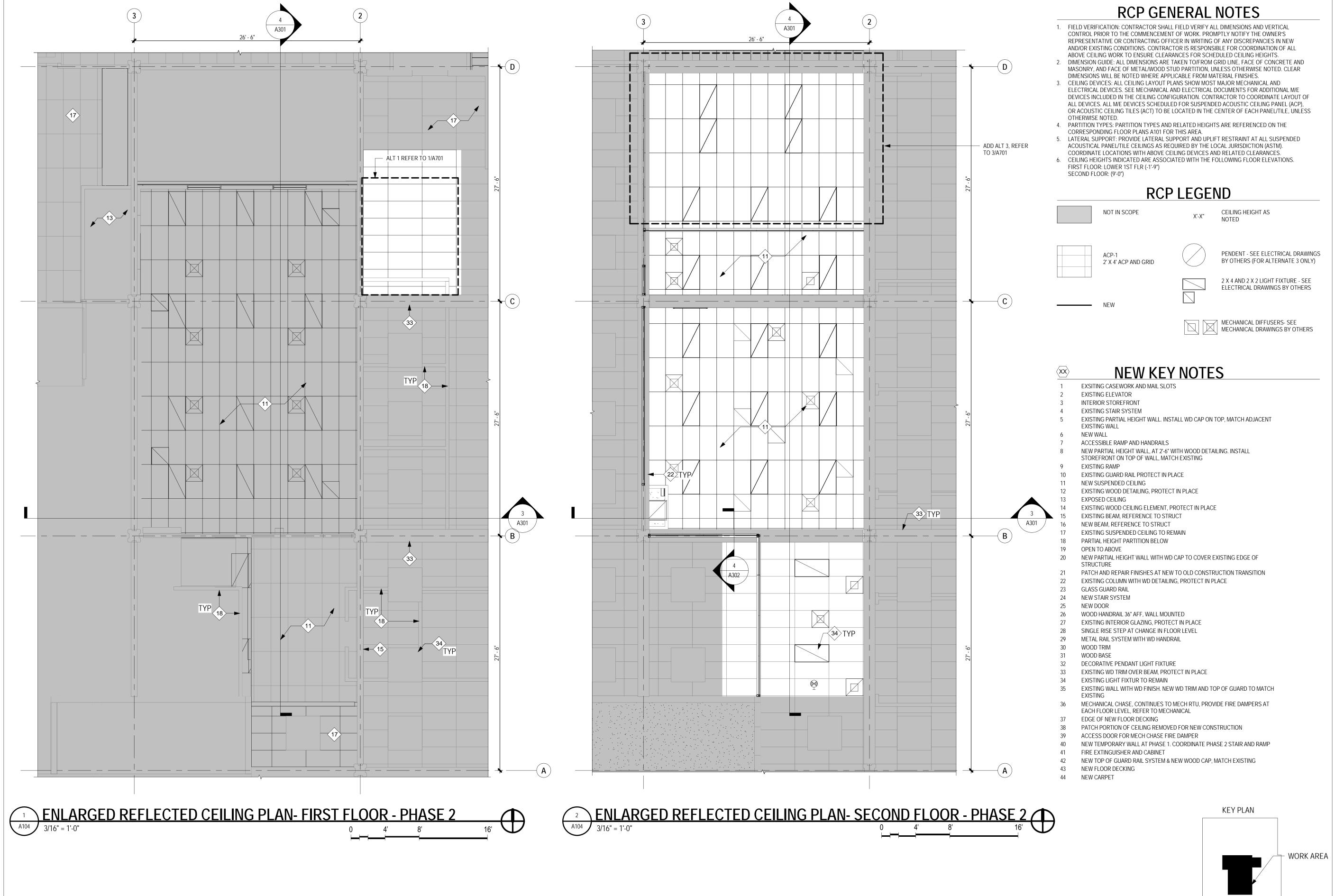
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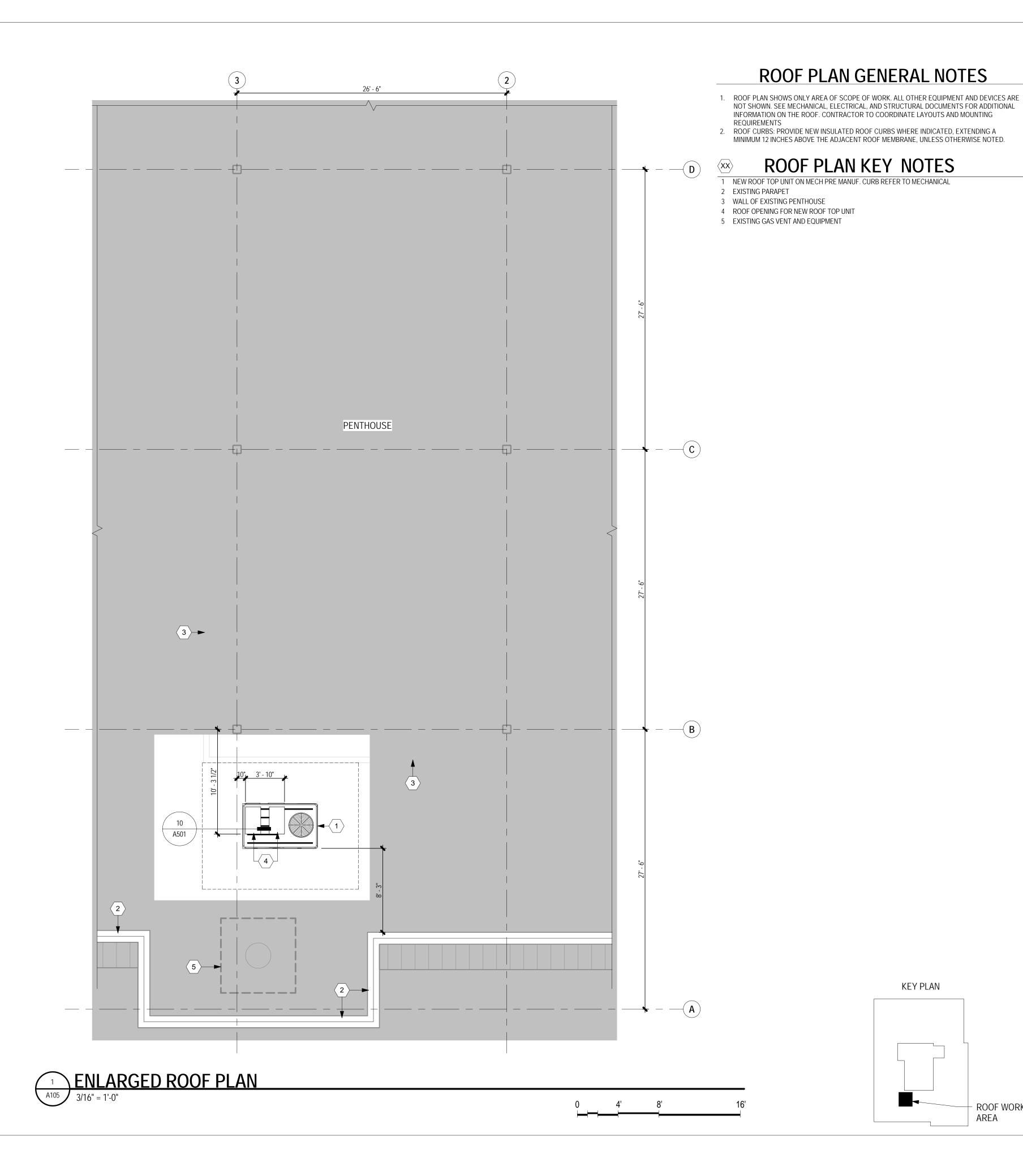
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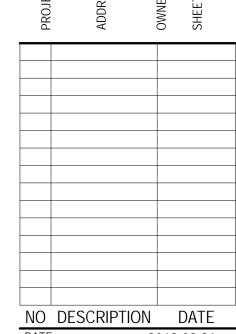


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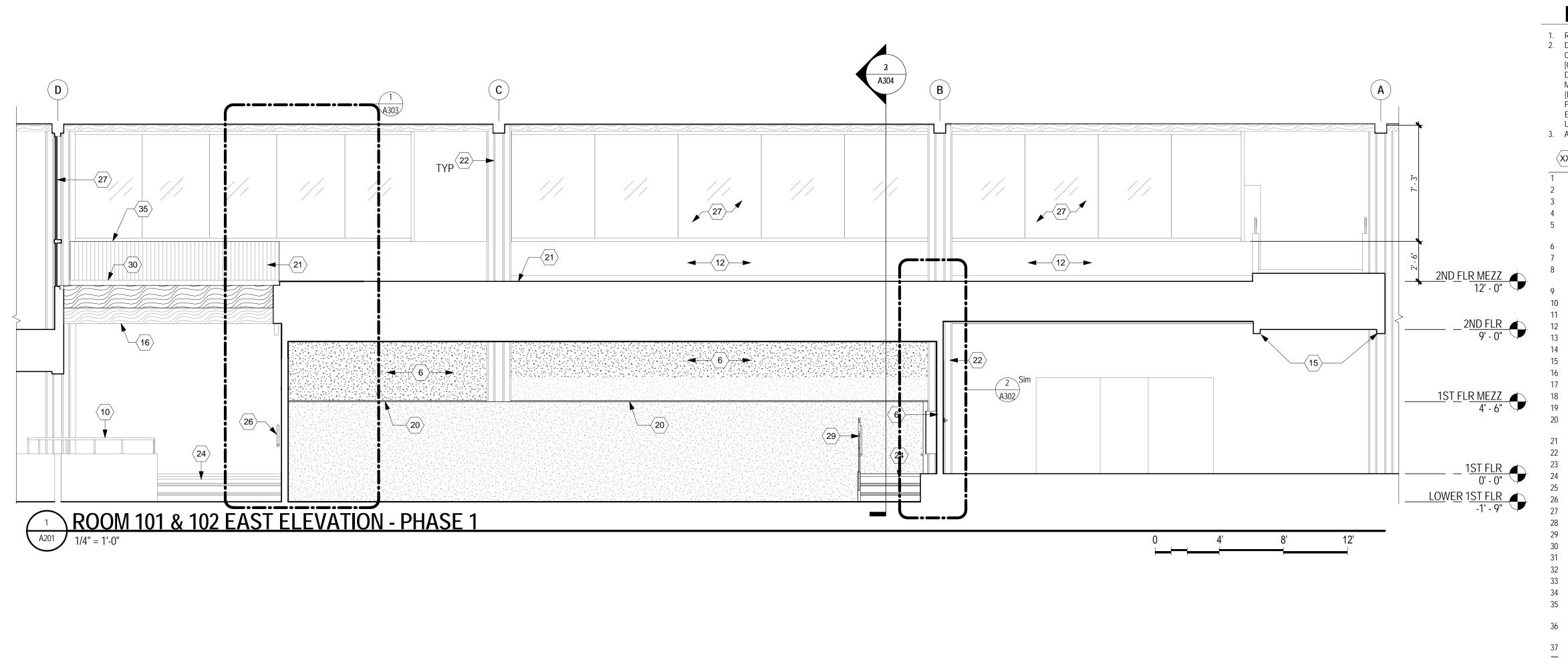


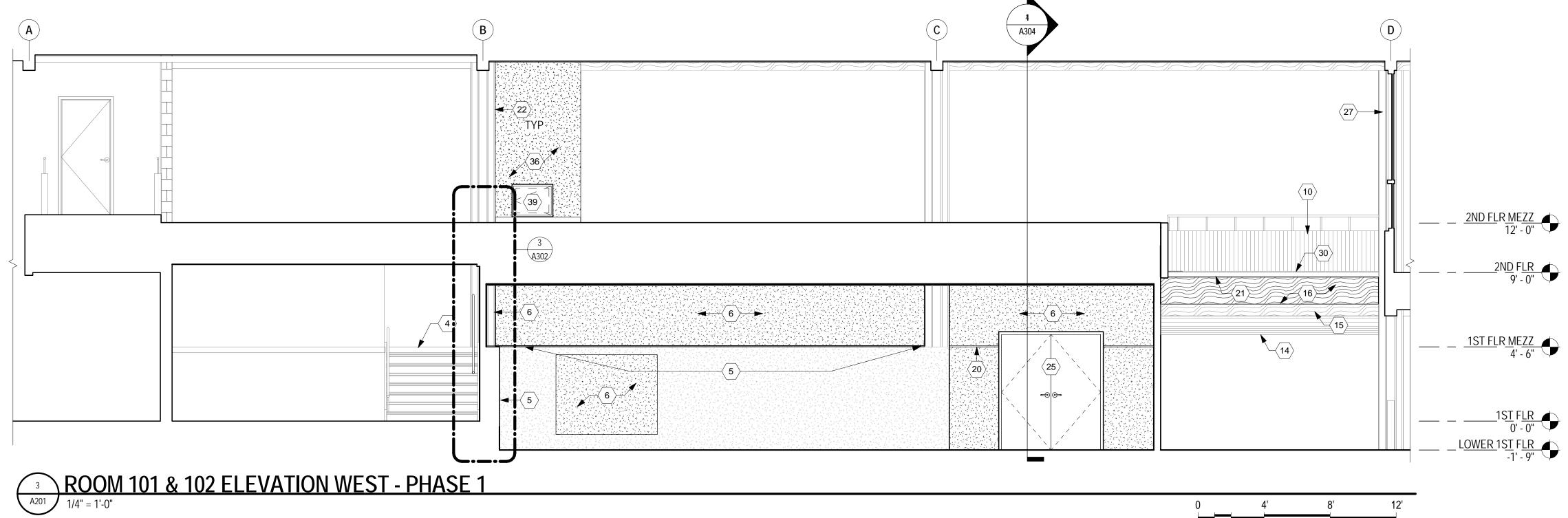
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ROOF WORK AREA





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3. ASSEMBLY TYPES: SEE SHEET A501 FOR ALL REFERENCED ASSEMBLY TYPES

NEW KEY NOTES

EXSITING CASEWORK AND MAIL SLOTS

EXISTING ELEVATOR

INTERIOR STOREFRONT

EXISTING STAIR SYSTEM

5 EXISTING PARTIAL HEIGHT WALL. INSTALL WD CAP ON TOP, MATCH ADJACENT EXISTING WALL

NEW WALL

7 ACCESSIBLE RAMP AND HANDRAILS

8 NEW PARTIAL HEIGHT WALL, AT 2'-6" WITH WOOD DETAILING. INSTALL STOREFRONT ON TOP OF WALL, MATCH EXISTING

EXISTING RAMP

10 EXISTING GUARD RAIL PROTECT IN PLACE11 NEW SUSPENDED CEILING

12 EXISTING WOOD DETAILING, PROTECT IN PLACE

EXPOSED CEILING

EXISTING WOOD CEILING ELEMENT, PROTECT IN PLACE

5 EXISTING BEAM, REFERENCE TO STRUCT

NEW BEAM, REFERENCE TO STRUCT
EXISTING SUSPENDED CEILING TO REMAIN

PARTIAL HEIGHT PARTITION BELOW

OPEN TO ABOVE

NEW PARTIAL HEIGHT WALL WITH WD CAP TO COVER EXISTING EDGE OF STRUCTURE

PATCH AND REPAIR FINISHES AT NEW TO OLD CONSTRUCTION TRANSITION

EXISTING COLUMN WITH WD DETAILING, PROTECT IN PLACE GLASS GUARD RAIL

24 NEW STAIR SYSTEM

24 NEW STAIR SYS

NEW DOOR

WOOD HANDRAIL 36" AFF, WALL MOUNTED

EXISTING INTERIOR GLAZING, PROTECT IN PLACE SINGLE RISE STEP AT CHANGE IN FLOOR LEVEL

METAL RAIL SYSTEM WITH WD HANDRAIL

) WOOD TRIM

WOOD TRIM WOOD BASE

DECORATIVE PENDANT LIGHT FIXTURE

EXISTING WD TRIM OVER BEAM, PROTECT IN PLACE

EXISTING LIGHT FIXTUR TO REMAIN
EXISTING WALL WITH WD FINISH. NEW WD TRIM AND TOP OF GUARD TO MATCH

EXISTING
MECHANICAL CHASE, CONTINUES TO MECH RTU, PROVIDE FIRE DAMPERS AT

EACH FLOOR LEVEL, REFER TO MECHANICAL

EDGE OF NEW FLOOR DECKING

PATCH PORTION OF CEILING REMOVED FOR NEW CONSTRUCTION

ACCESS DOOR FOR MECH CHASE FIRE DAMPER
NEW TEMPORARY WALL AT PHASE 1. COORDINATE PHASE 2 STAIR AND RAMP

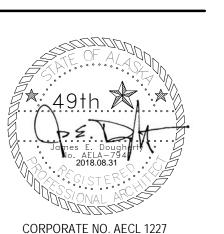
FIRE EXTINGUISHER AND CABINET

NEW TOP OF GUARD RAIL SYSTEM & NEW WOOD CAP, MATCH EXISTING

NEW FLOOR DECKING NEW CARPET RIM

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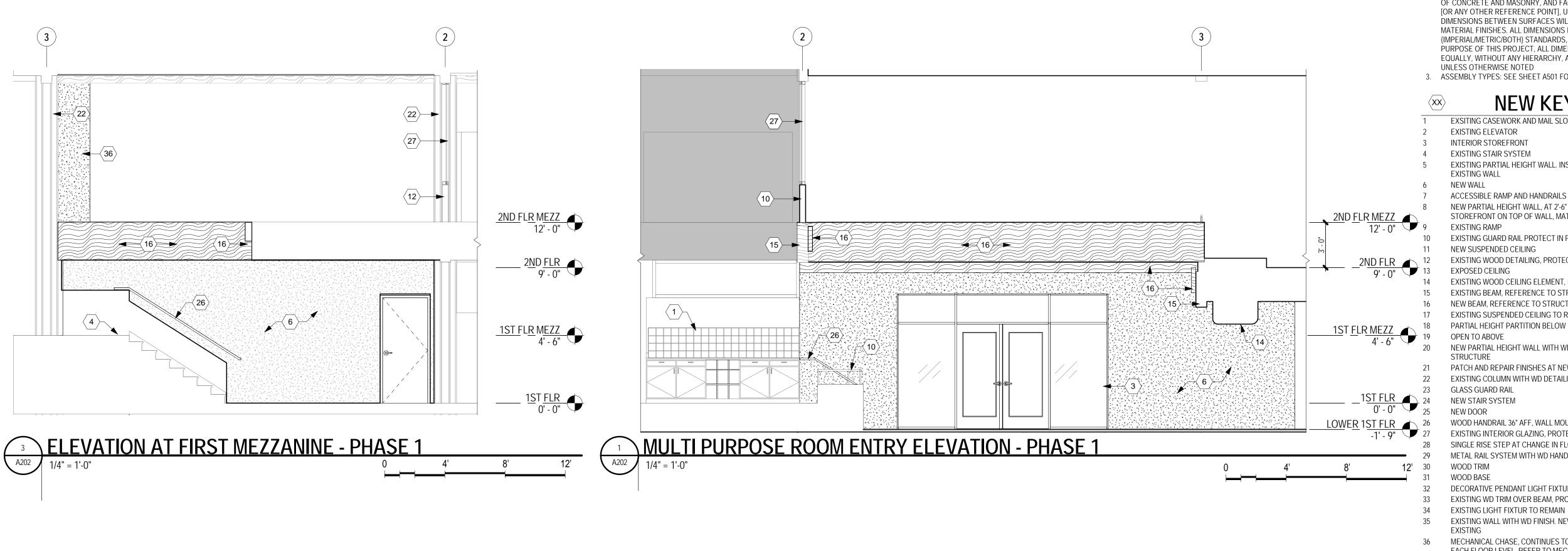
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36

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\ ELEVATION AT SECOND MEZZANINE - PHASE 1

ELEVATION GENERAL NOTES

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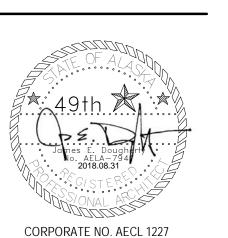
3. ASSEMBLY TYPES: SEE SHEET A501 FOR ALL REFERENCED ASSEMBLY TYPES

NEW KEY NOTES

- EXSITING CASEWORK AND MAIL SLOTS **EXISTING ELEVATOR**
- INTERIOR STOREFRONT
- **EXISTING STAIR SYSTEM**
- EXISTING PARTIAL HEIGHT WALL. INSTALL WD CAP ON TOP, MATCH ADJACENT
- **NEW WALL**
- NEW PARTIAL HEIGHT WALL, AT 2'-6" WITH WOOD DETAILING. INSTALL
- STOREFRONT ON TOP OF WALL, MATCH EXISTING
- EXISTING GUARD RAIL PROTECT IN PLACE
- NEW SUSPENDED CEILING
- EXISTING WOOD DETAILING, PROTECT IN PLACE
- **EXPOSED CEILING**
- EXISTING WOOD CEILING ELEMENT, PROTECT IN PLACE
- EXISTING BEAM, REFERENCE TO STRUCT
- NEW BEAM, REFERENCE TO STRUCT
- EXISTING SUSPENDED CEILING TO REMAIN PARTIAL HEIGHT PARTITION BELOW
- OPEN TO ABOVE
- NEW PARTIAL HEIGHT WALL WITH WD CAP TO COVER EXISTING EDGE OF
- PATCH AND REPAIR FINISHES AT NEW TO OLD CONSTRUCTION TRANSITION EXISTING COLUMN WITH WD DETAILING, PROTECT IN PLACE
- GLASS GUARD RAIL
- **NEW STAIR SYSTEM**
- WOOD HANDRAIL 36" AFF, WALL MOUNTED EXISTING INTERIOR GLAZING, PROTECT IN PLACE
- SINGLE RISE STEP AT CHANGE IN FLOOR LEVEL
- METAL RAIL SYSTEM WITH WD HANDRAIL
- DECORATIVE PENDANT LIGHT FIXTURE
- EXISTING WD TRIM OVER BEAM, PROTECT IN PLACE
- EXISTING LIGHT FIXTUR TO REMAIN EXISTING WALL WITH WD FINISH. NEW WD TRIM AND TOP OF GUARD TO MATCH
- MECHANICAL CHASE, CONTINUES TO MECH RTU, PROVIDE FIRE DAMPERS AT EACH FLOOR LEVEL, REFER TO MECHANICAL
- EDGE OF NEW FLOOR DECKING
- PATCH PORTION OF CEILING REMOVED FOR NEW CONSTRUCTION
- ACCESS DOOR FOR MECH CHASE FIRE DAMPER
- NEW TEMPORARY WALL AT PHASE 1. COORDINATE PHASE 2 STAIR AND RAMP
- FIRE EXTINGUISHER AND CABINET
- NEW TOP OF GUARD RAIL SYSTEM & NEW WOOD CAP, MATCH EXISTING
- NEW FLOOR DECKING
- NEW CARPET

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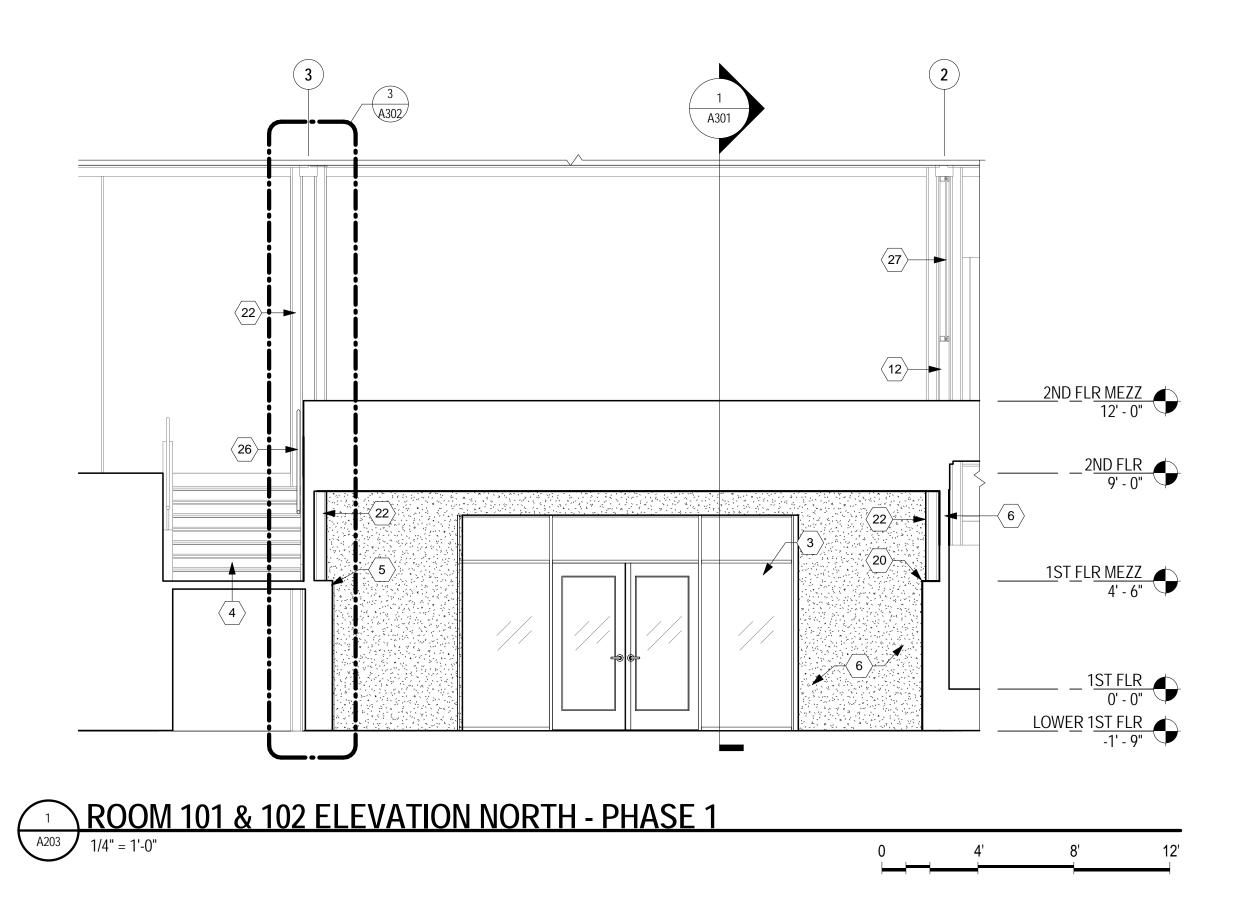
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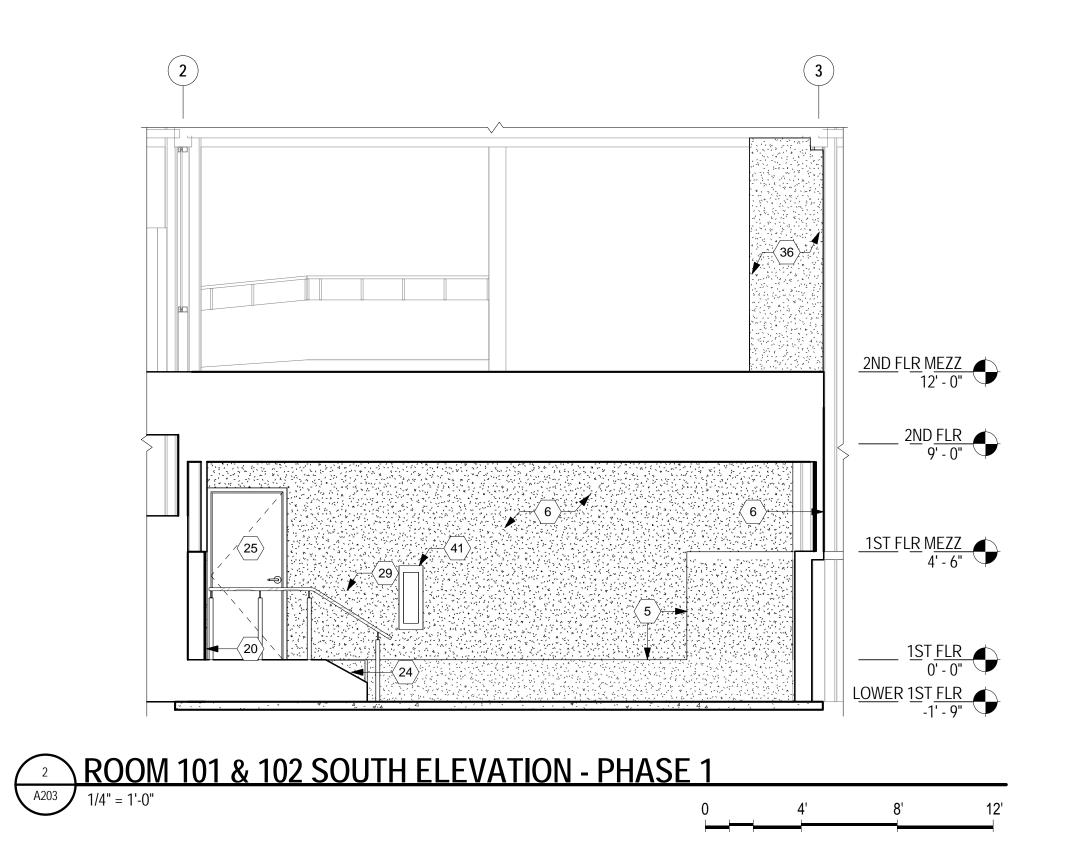
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EXSITING CASEWORK AND MAIL SLOTS

EXISTING ELEVATOR

INTERIOR STOREFRONT

EXISTING PARTIAL HEIGHT WALL. INSTALL WD CAP ON TOP, MATCH ADJACENT **EXISTING WALL**

NEW WALL

ACCESSIBLE RAMP AND HANDRAILS

EXISTING STAIR SYSTEM

NEW PARTIAL HEIGHT WALL, AT 2'-6" WITH WOOD DETAILING. INSTALL STOREFRONT ON TOP OF WALL, MATCH EXISTING

EXISTING RAMP EXISTING GUARD RAIL PROTECT IN PLACE

NEW SUSPENDED CEILING

EXISTING WOOD DETAILING, PROTECT IN PLACE

EXPOSED CEILING EXISTING WOOD CEILING ELEMENT, PROTECT IN PLACE

EXISTING BEAM, REFERENCE TO STRUCT

NEW BEAM, REFERENCE TO STRUCT

EXISTING SUSPENDED CEILING TO REMAIN

PARTIAL HEIGHT PARTITION BELOW OPEN TO ABOVE

STRUCTURE

NEW PARTIAL HEIGHT WALL WITH WD CAP TO COVER EXISTING EDGE OF

PATCH AND REPAIR FINISHES AT NEW TO OLD CONSTRUCTION TRANSITION

EXISTING COLUMN WITH WD DETAILING, PROTECT IN PLACE

GLASS GUARD RAIL

NEW STAIR SYSTEM

NEW DOOR

WOOD HANDRAIL 36" AFF, WALL MOUNTED

EXISTING INTERIOR GLAZING, PROTECT IN PLACE

SINGLE RISE STEP AT CHANGE IN FLOOR LEVEL

METAL RAIL SYSTEM WITH WD HANDRAIL

WOOD TRIM

WOOD BASE

DECORATIVE PENDANT LIGHT FIXTURE

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NEW TEMPORARY WALL AT PHASE 1. COORDINATE PHASE 2 STAIR AND RAMP

FIRE EXTINGUISHER AND CABINET

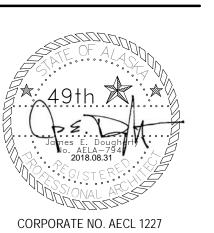
NEW TOP OF GUARD RAIL SYSTEM & NEW WOOD CAP, MATCH EXISTING

NEW FLOOR DECKING

NEW CARPET

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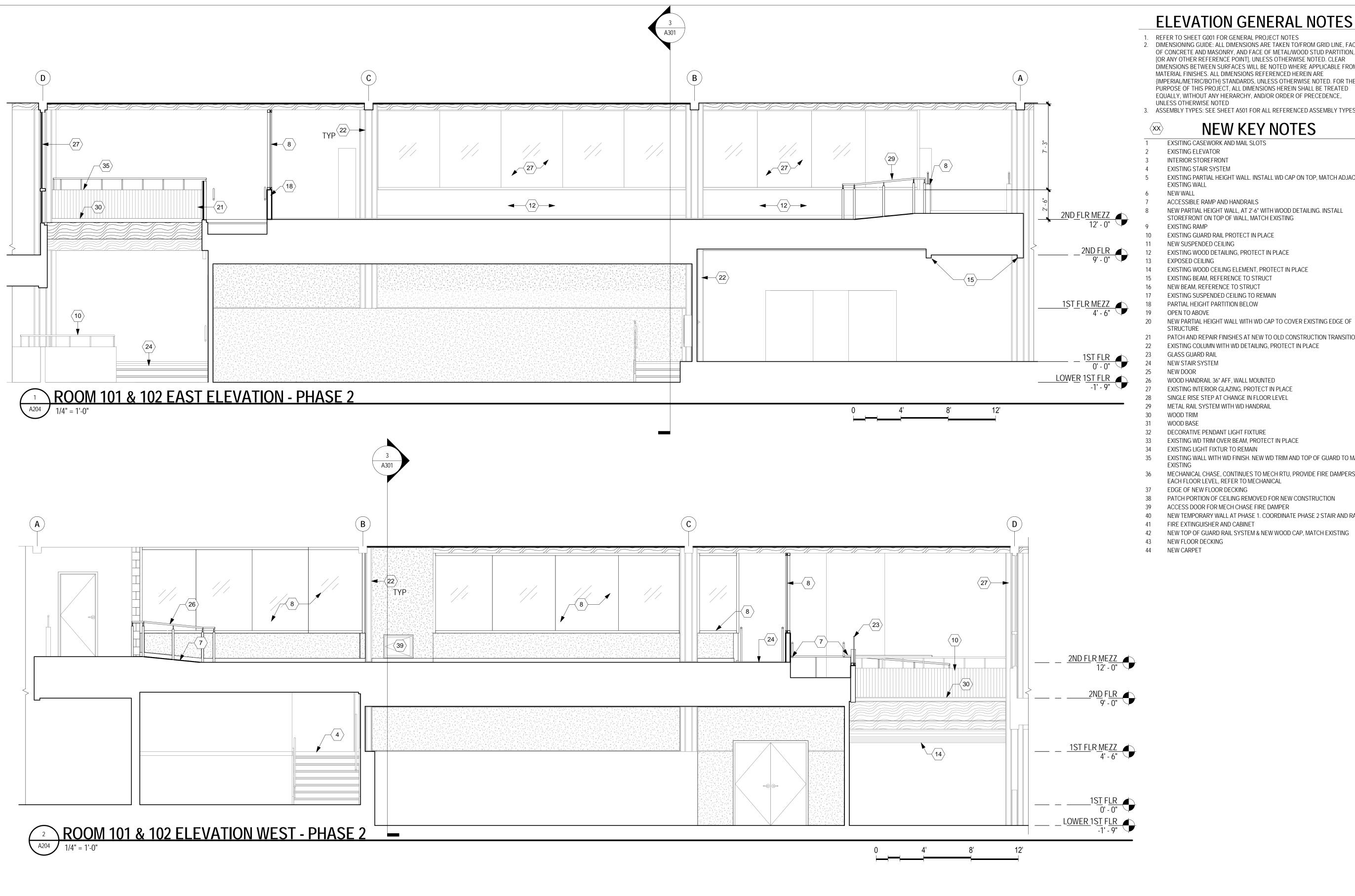
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- ACCESS DOOR FOR MECH CHASE FIRE DAMPER NEW TEMPORARY WALL AT PHASE 1. COORDINATE PHASE 2 STAIR AND RAMP
- FIRE EXTINGUISHER AND CABINET
- NEW TOP OF GUARD RAIL SYSTEM & NEW WOOD CAP, MATCH EXISTING
- NEW FLOOR DECKING NEW CARPET

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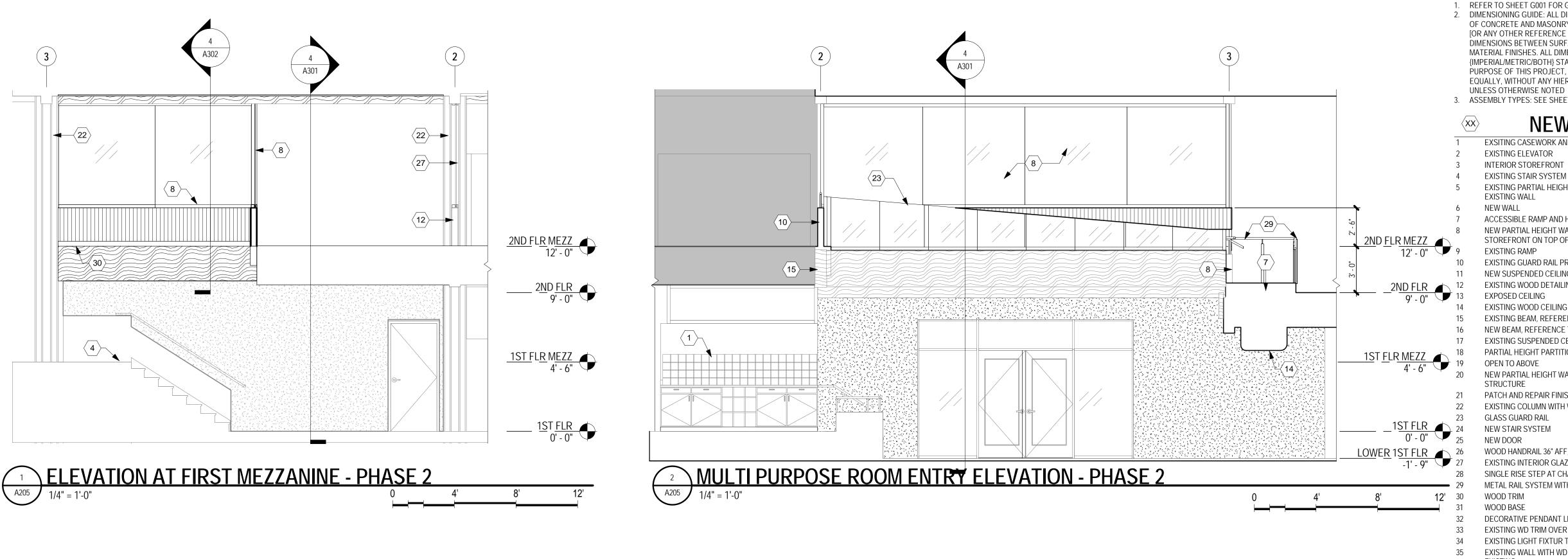
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NEW SUSPENDED CEILING

EXISTING WOOD DETAILING, PROTECT IN PLACE EXPOSED CEILING

EXISTING WOOD CEILING ELEMENT, PROTECT IN PLACE

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PATCH AND REPAIR FINISHES AT NEW TO OLD CONSTRUCTION TRANSITION EXISTING COLUMN WITH WD DETAILING, PROTECT IN PLACE

GLASS GUARD RAIL

NEW STAIR SYSTEM

NEW DOOR

WOOD HANDRAIL 36" AFF, WALL MOUNTED

EXISTING INTERIOR GLAZING, PROTECT IN PLACE SINGLE RISE STEP AT CHANGE IN FLOOR LEVEL

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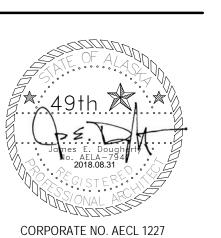
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NEW FLOOR DECKING

NEW CARPET

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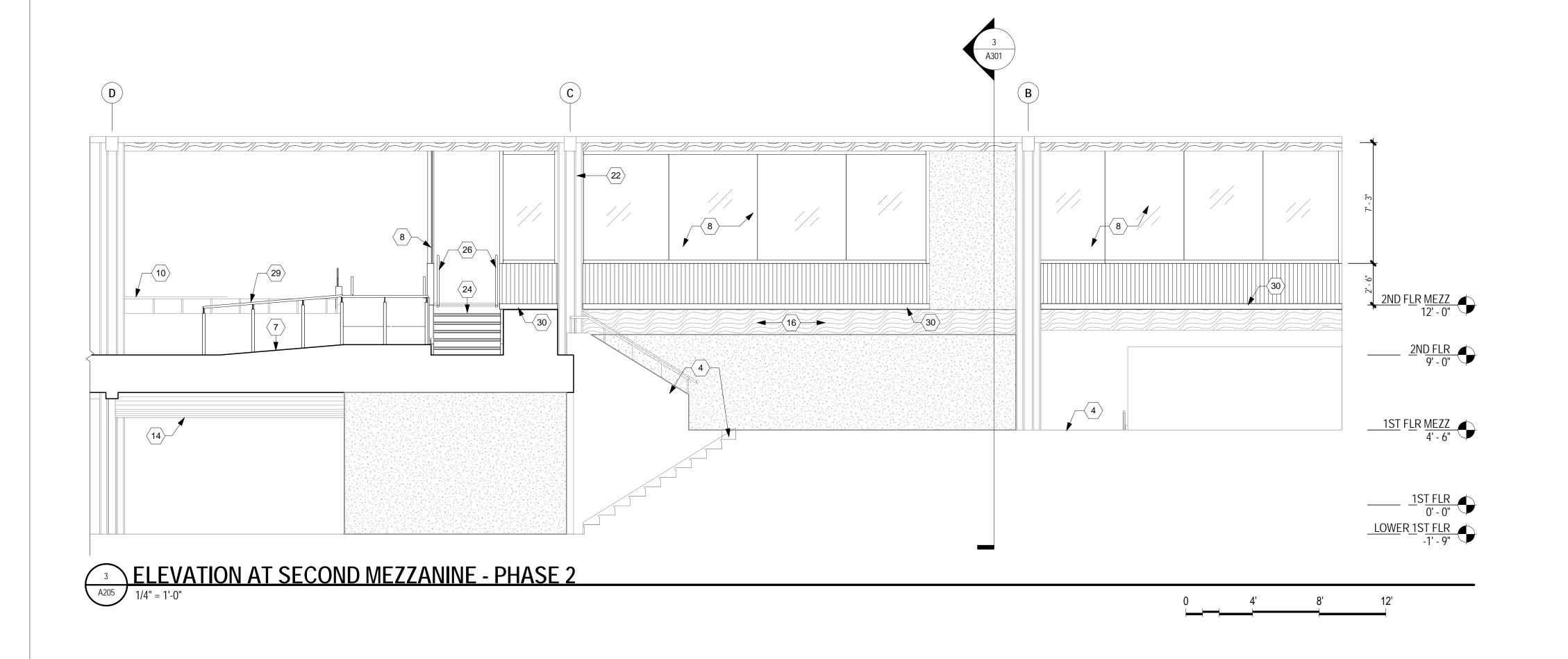


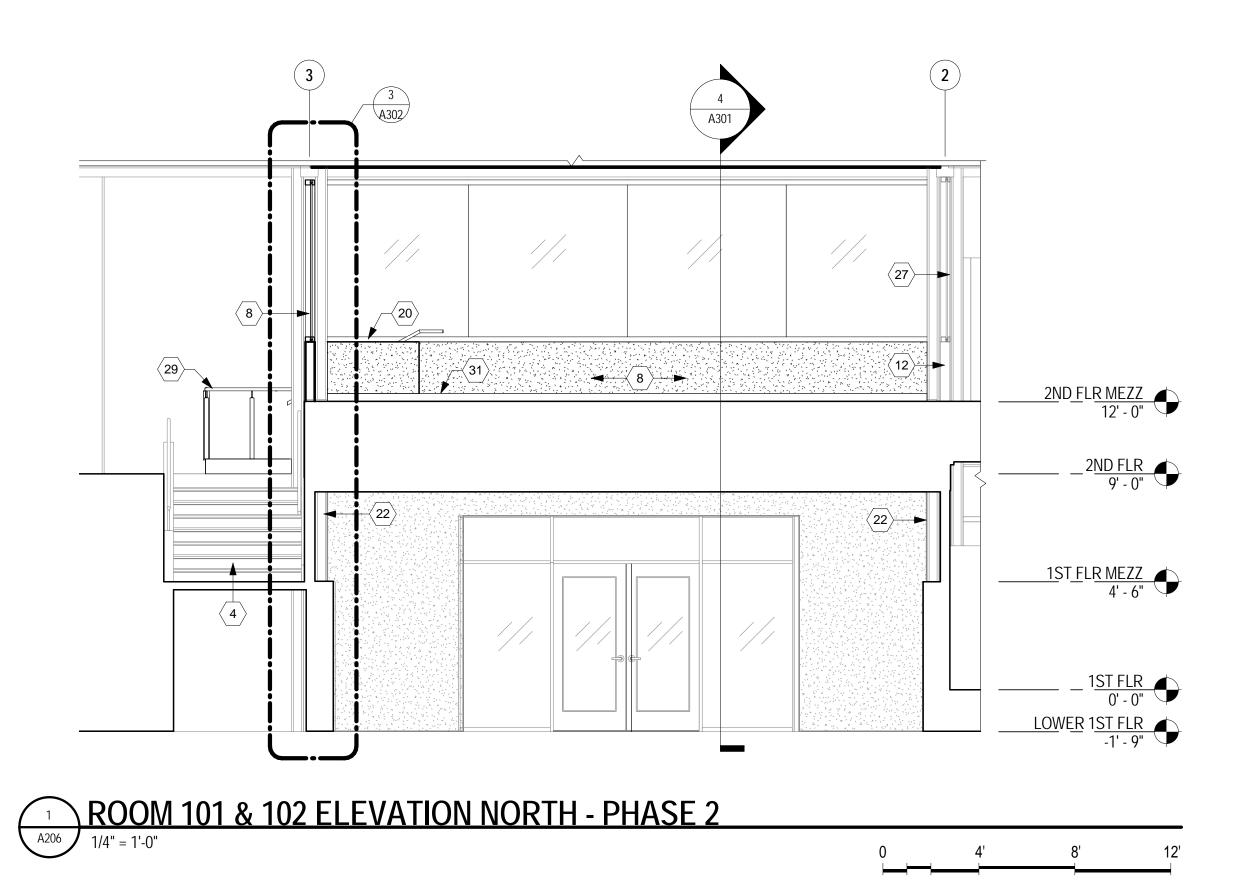
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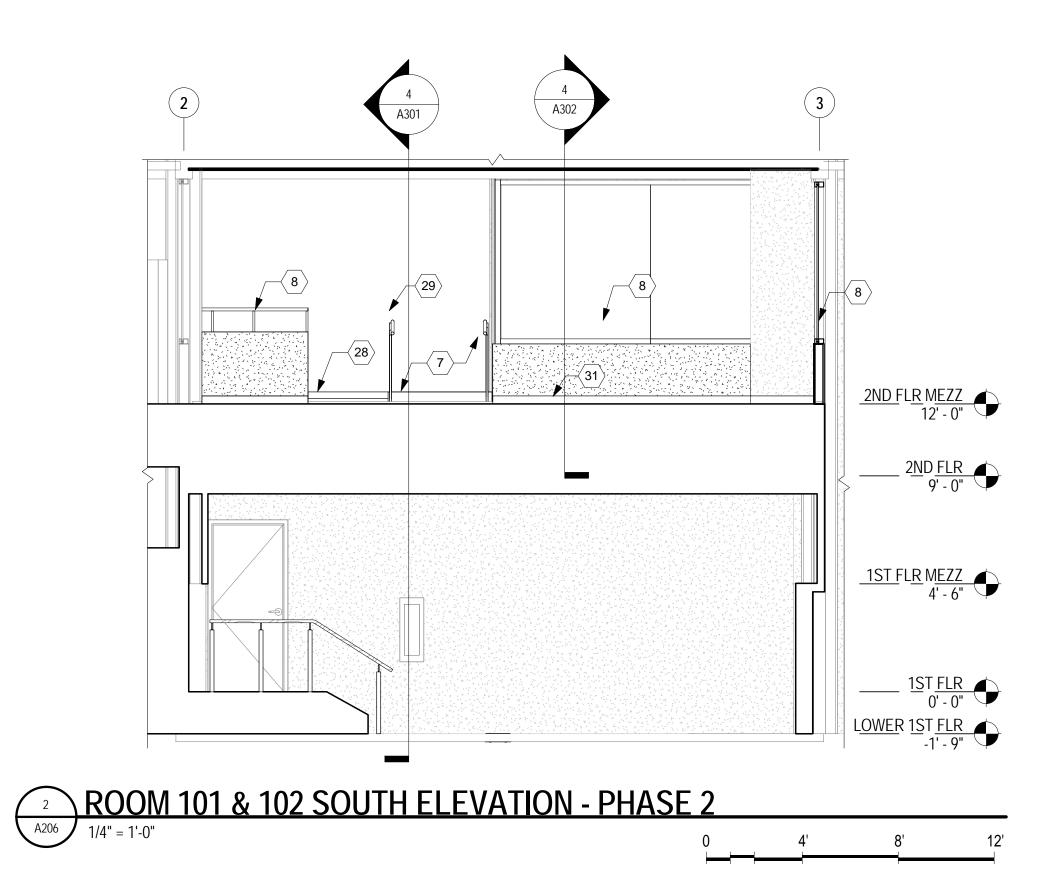
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1. REFER TO SHEET G001 FOR GENERAL PROJECT NOTES 2. DIMENSIONING GUIDE: ALL DIMENSIONS ARE TAKEN TO/FROM GRID LINE, FACE OF CONCRETE AND MASONRY, AND FACE OF METAL/WOOD STUD PARTITION, [OR ANY OTHER REFERENCE POINT], UNLESS OTHERWISE NOTED. CLEAR DIMENSIONS BETWEEN SURFACES WILL BE NOTED WHERE APPLICABLE FROM MATERIAL FINISHES. ALL DIMENSIONS REFERENCED HEREIN ARE {IMPERIAL/METRIC/BOTH} STANDARDS, UNLESS OTHERWISE NOTED. FOR THE PURPOSE OF THIS PROJECT, ALL DIMENSIONS HEREIN SHALL BE TREATED EQUALLY, WITHOUT ANY HIERARCHY, AND/OR ORDER OF PRECEDENCE, UNLESS OTHERWISE NOTED

3. ASSEMBLY TYPES: SEE SHEET A501 FOR ALL REFERENCED ASSEMBLY TYPES

NEW KEY NOTES

EXSITING CASEWORK AND MAIL SLOTS

EXISTING ELEVATOR

INTERIOR STOREFRONT

EXISTING STAIR SYSTEM

EXISTING PARTIAL HEIGHT WALL. INSTALL WD CAP ON TOP, MATCH ADJACENT **EXISTING WALL**

NEW WALL

ACCESSIBLE RAMP AND HANDRAILS

NEW PARTIAL HEIGHT WALL, AT 2'-6" WITH WOOD DETAILING. INSTALL STOREFRONT ON TOP OF WALL, MATCH EXISTING

EXISTING RAMP

EXISTING GUARD RAIL PROTECT IN PLACE

NEW SUSPENDED CEILING

EXISTING WOOD DETAILING, PROTECT IN PLACE

EXPOSED CEILING

EXISTING WOOD CEILING ELEMENT, PROTECT IN PLACE EXISTING BEAM, REFERENCE TO STRUCT

NEW BEAM, REFERENCE TO STRUCT

EXISTING SUSPENDED CEILING TO REMAIN

PARTIAL HEIGHT PARTITION BELOW OPEN TO ABOVE

NEW PARTIAL HEIGHT WALL WITH WD CAP TO COVER EXISTING EDGE OF STRUCTURE

PATCH AND REPAIR FINISHES AT NEW TO OLD CONSTRUCTION TRANSITION

EXISTING COLUMN WITH WD DETAILING, PROTECT IN PLACE

GLASS GUARD RAIL

NEW STAIR SYSTEM

NEW DOOR

WOOD HANDRAIL 36" AFF, WALL MOUNTED

EXISTING INTERIOR GLAZING, PROTECT IN PLACE

SINGLE RISE STEP AT CHANGE IN FLOOR LEVEL

METAL RAIL SYSTEM WITH WD HANDRAIL

WOOD TRIM

WOOD BASE

DECORATIVE PENDANT LIGHT FIXTURE

EXISTING WD TRIM OVER BEAM, PROTECT IN PLACE

EXISTING LIGHT FIXTUR TO REMAIN EXISTING WALL WITH WD FINISH. NEW WD TRIM AND TOP OF GUARD TO MATCH

MECHANICAL CHASE, CONTINUES TO MECH RTU, PROVIDE FIRE DAMPERS AT

EACH FLOOR LEVEL, REFER TO MECHANICAL

EDGE OF NEW FLOOR DECKING PATCH PORTION OF CEILING REMOVED FOR NEW CONSTRUCTION

ACCESS DOOR FOR MECH CHASE FIRE DAMPER

NEW TEMPORARY WALL AT PHASE 1. COORDINATE PHASE 2 STAIR AND RAMP

FIRE EXTINGUISHER AND CABINET

NEW TOP OF GUARD RAIL SYSTEM & NEW WOOD CAP, MATCH EXISTING

NEW FLOOR DECKING

NEW CARPET

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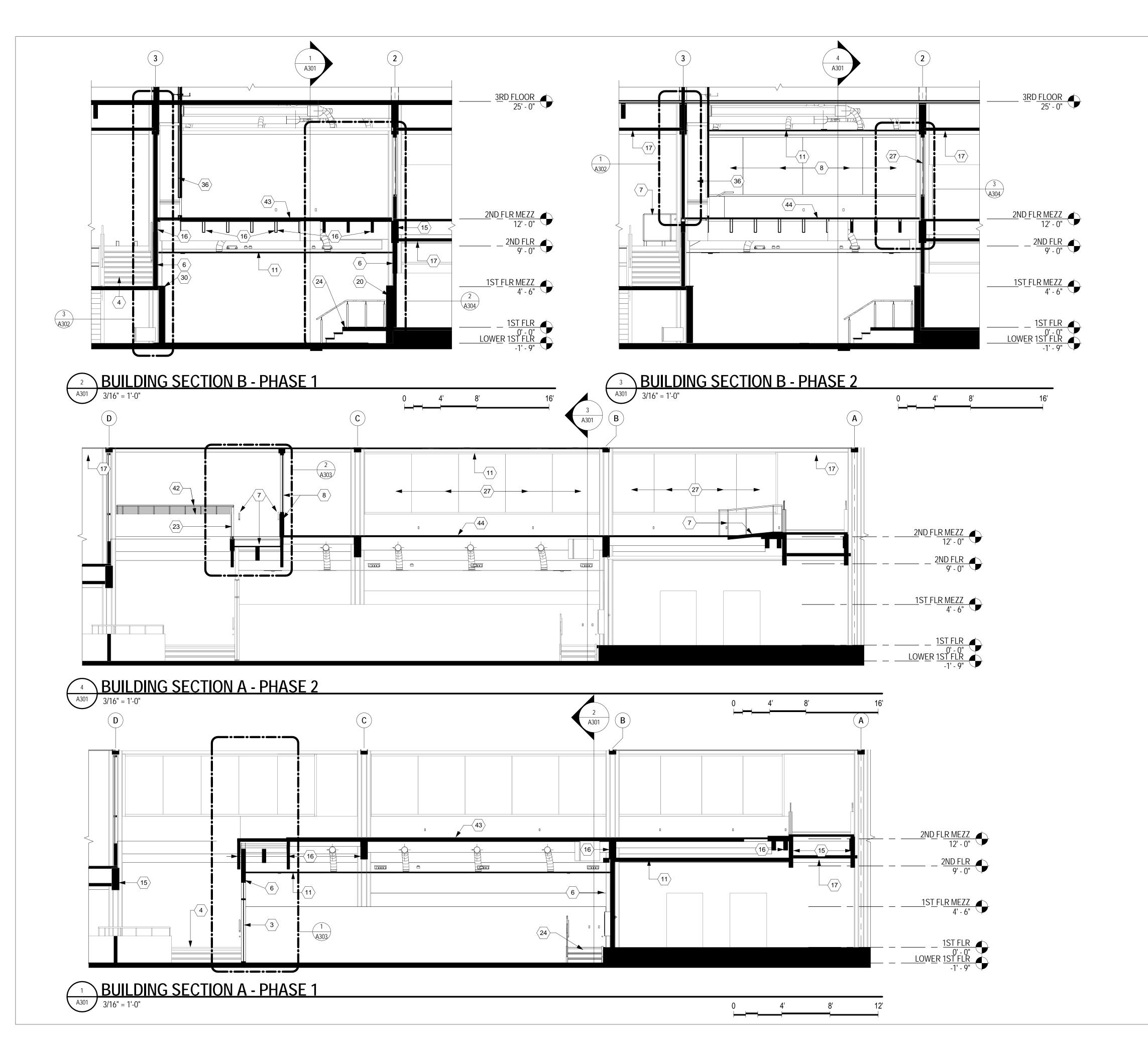
CONSTRUCTION **DOCUMENTS**

chorage, Blvd,

ONTROL

NO DESCRIPTION DATE

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SECTION GENERAL NOTES

- 1. REFER TO SHEET G001 FOR GENERAL PROJECT NOTES
- REFER TO SHEET G002 FOR ADDITIONAL LIFE SAFETY GENERAL NOTES DIMENSIONING GUIDE: ALL DIMENSIONS ARE TAKEN TO/FROM GRID LINE, FACE OF CONCRETE AND MASONRY, AND FACE OF METAL/WOOD STUD PARTITION, [OR ANY ALL DIMENSIONS REFERENCED HEREIN ARE {IMPERIAL/METRIC/BOTH} STANDARDS, UNLESS OTHERWISE NOTED. FOR THE PURPOSE OF THIS PROJECT, ALL DIMENSIONS HEREIN SHALL BE TREATED EQUALLY, WITHOUT ANY HIERARCHY, AND/OR ORDER OF PRECEDENCE, UNLESS OTHERWISE NOTED
- 4. ASSEMBLY TYPES: SEE SHEET A501 FOR ALL REFERENCED ASSEMBLY TYPES

NEW KEY NOTES

- EXSITING CASEWORK AND MAIL SLOTS
- **EXISTING ELEVATOR**
- INTERIOR STOREFRONT **EXISTING STAIR SYSTEM**
- EXISTING PARTIAL HEIGHT WALL. INSTALL WD CAP ON TOP, MATCH ADJACENT **EXISTING WALL**
- **NEW WALL**
- ACCESSIBLE RAMP AND HANDRAILS
- NEW PARTIAL HEIGHT WALL, AT 2'-6" WITH WOOD DETAILING. INSTALL STOREFRONT ON TOP OF WALL, MATCH EXISTING
- **EXISTING RAMP**
- EXISTING GUARD RAIL PROTECT IN PLACE NEW SUSPENDED CEILING
- EXISTING WOOD DETAILING, PROTECT IN PLACE
- EXPOSED CEILING EXISTING WOOD CEILING ELEMENT, PROTECT IN PLACE
- EXISTING BEAM, REFERENCE TO STRUCT
- NEW BEAM, REFERENCE TO STRUCT
- EXISTING SUSPENDED CEILING TO REMAIN
- PARTIAL HEIGHT PARTITION BELOW
- OPEN TO ABOVE
- NEW PARTIAL HEIGHT WALL WITH WD CAP TO COVER EXISTING EDGE OF STRUCTURE
- PATCH AND REPAIR FINISHES AT NEW TO OLD CONSTRUCTION TRANSITION
- EXISTING COLUMN WITH WD DETAILING, PROTECT IN PLACE
- GLASS GUARD RAIL **NEW STAIR SYSTEM**
- **NEW DOOR**
- WOOD HANDRAIL 36" AFF, WALL MOUNTED
- EXISTING INTERIOR GLAZING, PROTECT IN PLACE
- SINGLE RISE STEP AT CHANGE IN FLOOR LEVEL METAL RAIL SYSTEM WITH WD HANDRAIL
- WOOD TRIM
- **WOOD BASE**
- DECORATIVE PENDANT LIGHT FIXTURE EXISTING WD TRIM OVER BEAM, PROTECT IN PLACE
- EXISTING LIGHT FIXTUR TO REMAIN
- EXISTING WALL WITH WD FINISH. NEW WD TRIM AND TOP OF GUARD TO MATCH
- MECHANICAL CHASE, CONTINUES TO MECH RTU, PROVIDE FIRE DAMPERS AT
- EACH FLOOR LEVEL, REFER TO MECHANICAL
- EDGE OF NEW FLOOR DECKING
- PATCH PORTION OF CEILING REMOVED FOR NEW CONSTRUCTION
- ACCESS DOOR FOR MECH CHASE FIRE DAMPER NEW TEMPORARY WALL AT PHASE 1. COORDINATE PHASE 2 STAIR AND RAMP
- FIRE EXTINGUISHER AND CABINET NEW TOP OF GUARD RAIL SYSTEM & NEW WOOD CAP, MATCH EXISTING

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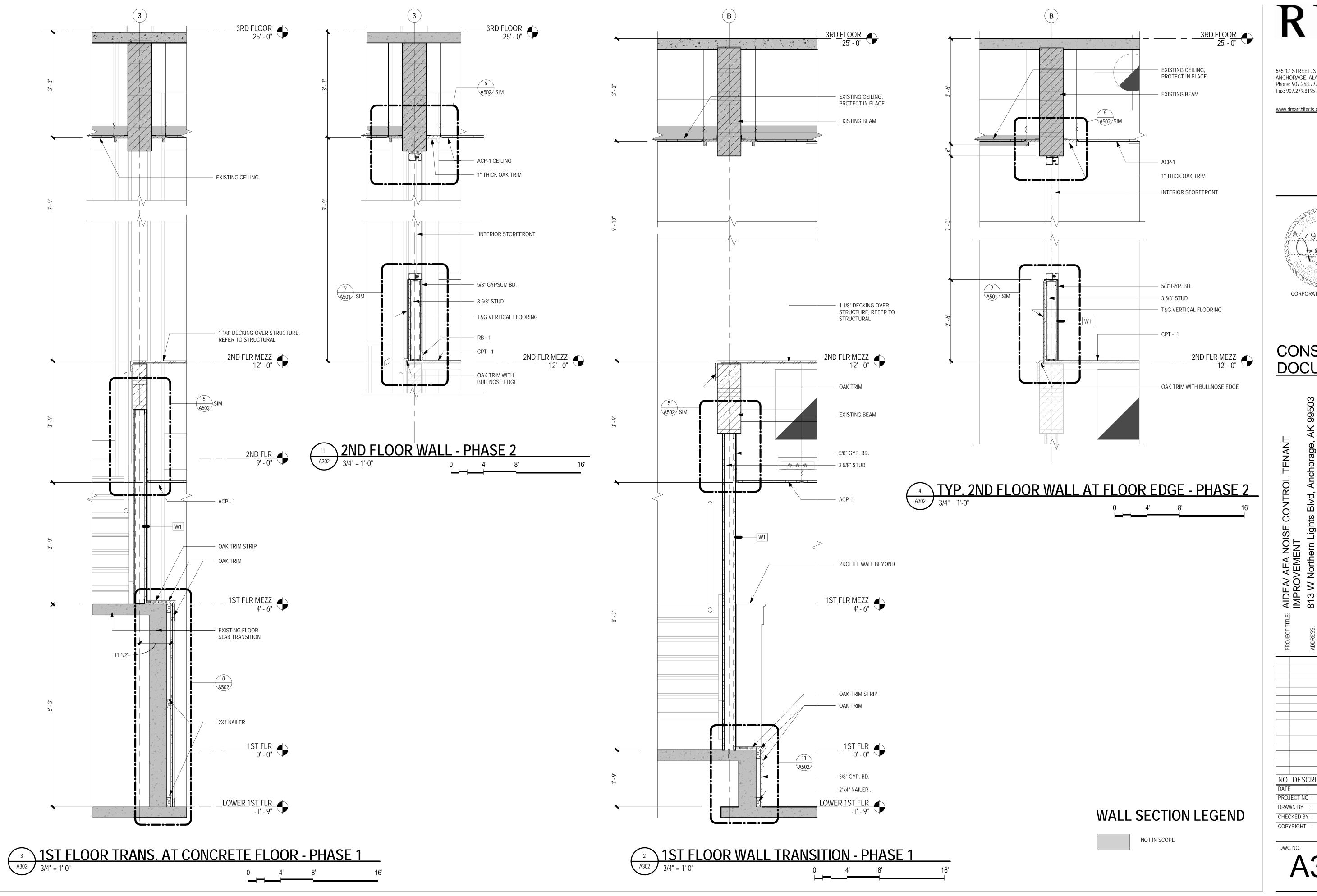
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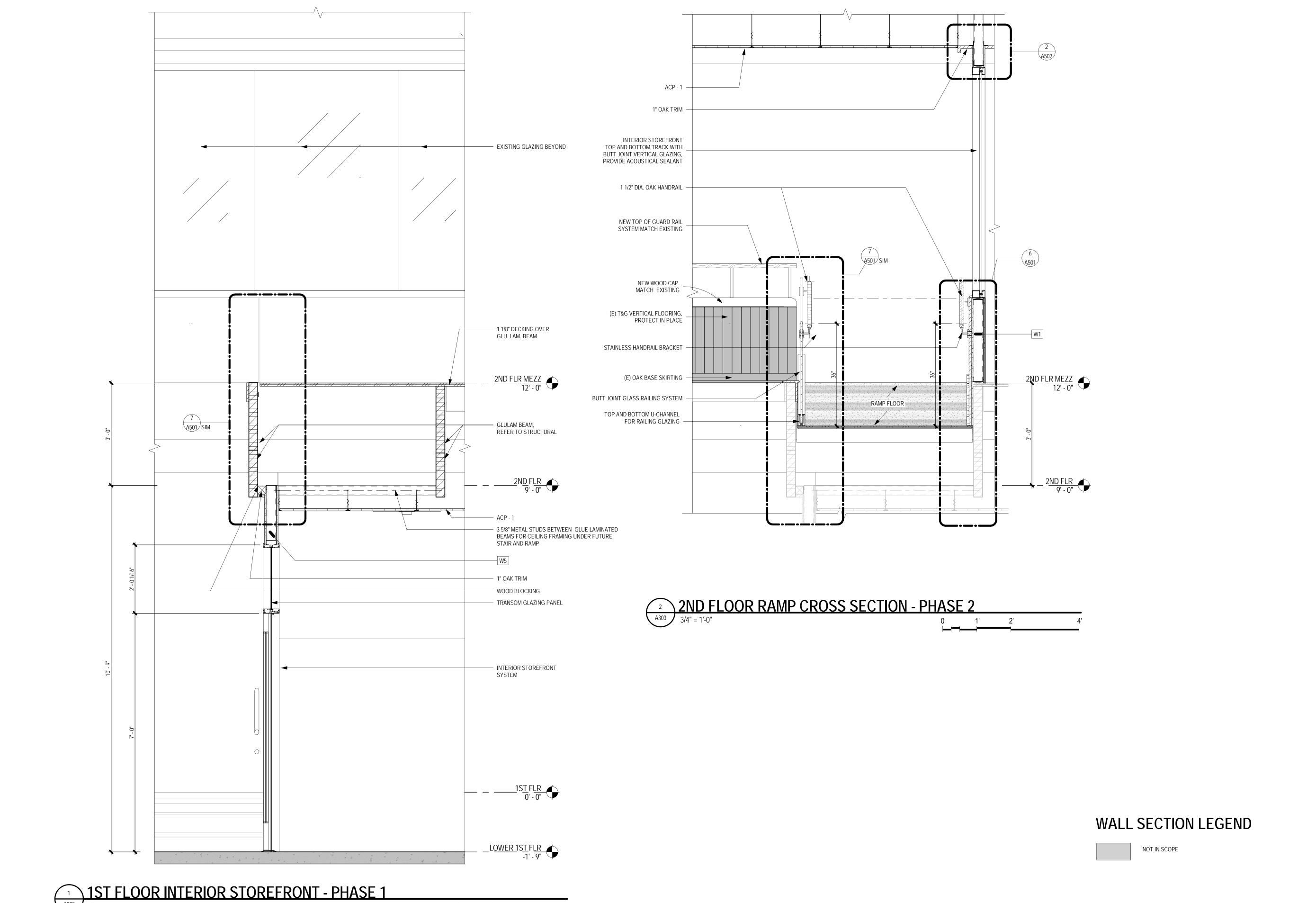
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A302



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CONSTRUCTION DOCUMENTS

AIDEA/ AEA NOISE CONTROL TENANT
IMPROVEMENT
813 W Northern Lights Blvd, Anchorage, AK 99503

NO DESCRIPTION DATE

DATE : 2018.08.31

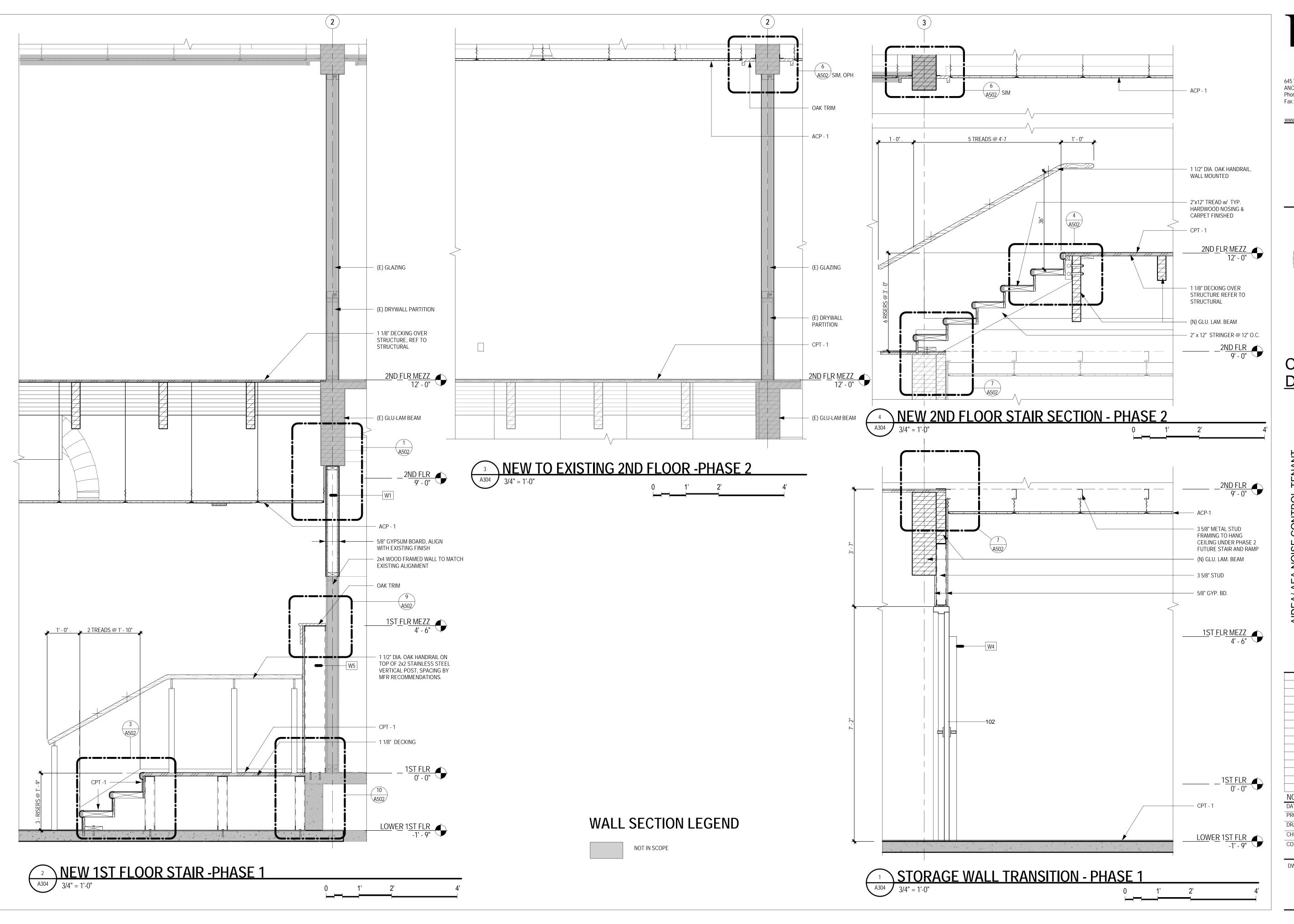
 DATE
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CONSTRUCTION DOCUMENTS

PROJECT TITLE: AIDEA/ AEA NOISE CONTROL TENANT
IMPROVEMENT
ADDRESS: 813 W Northern Lights Blvd, Anchorage, AK 99
ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY
SHEET TITLE: WALL SECTIONS

NO DESCRIPTION DATE

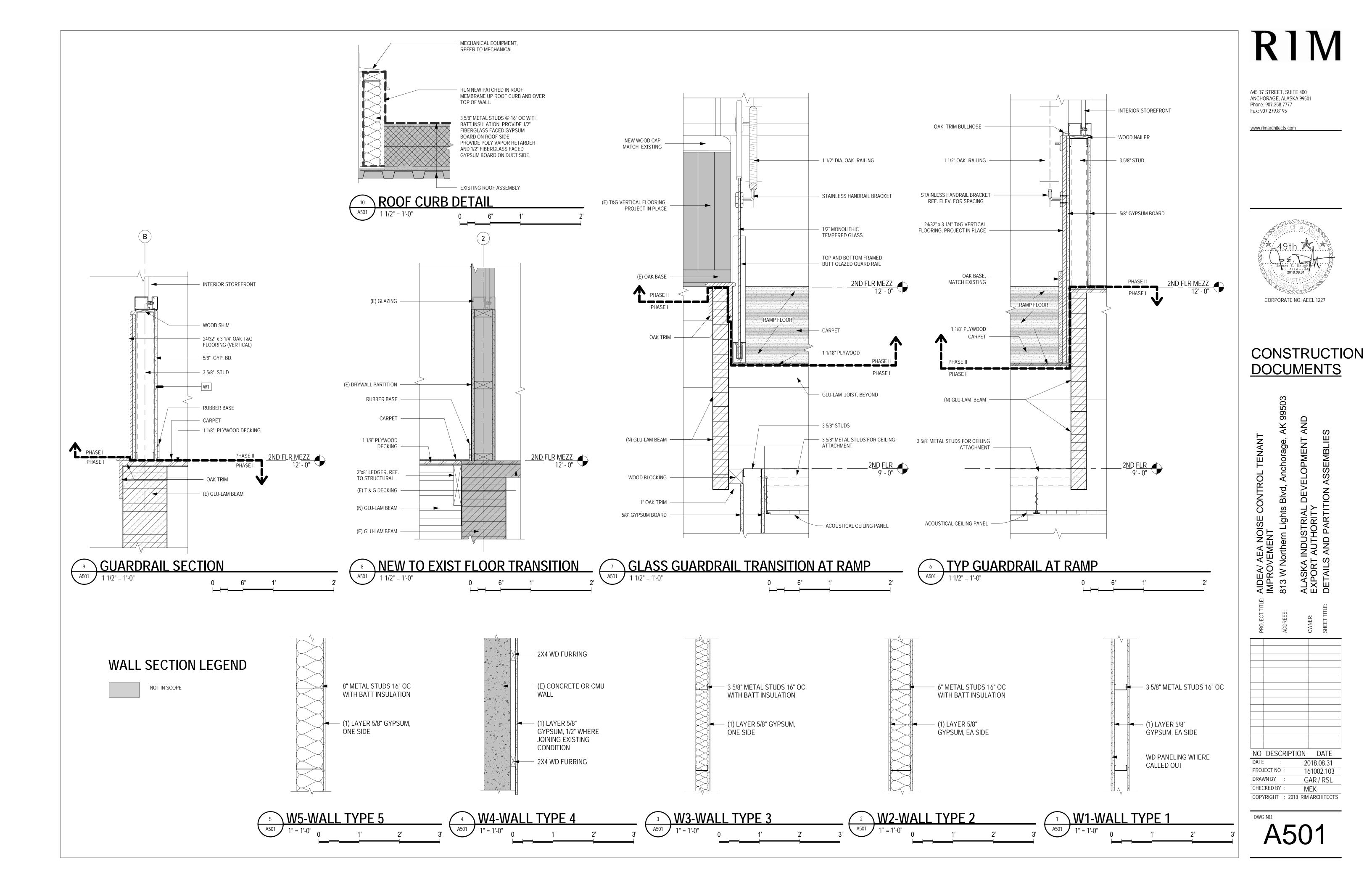
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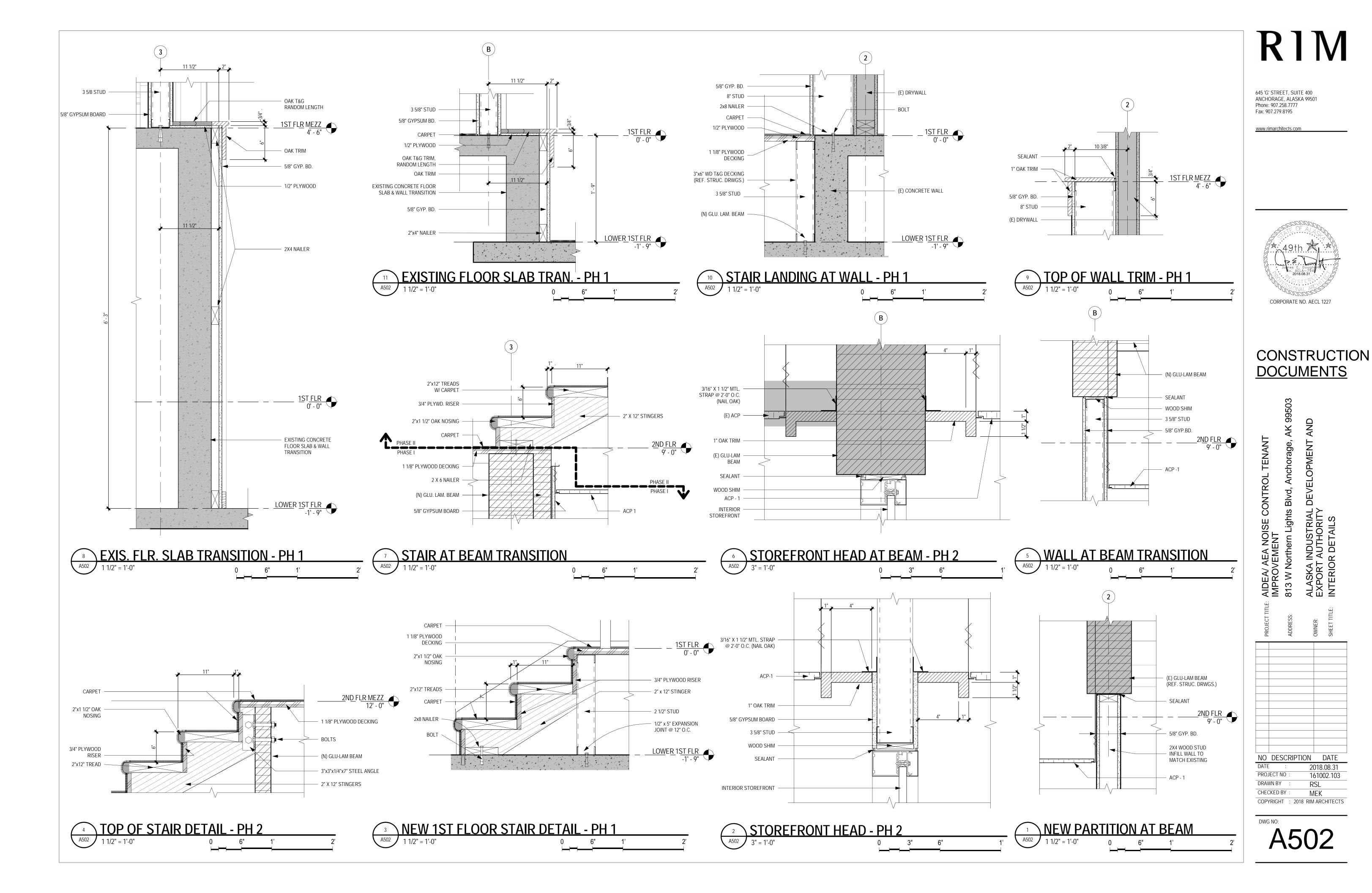
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	PHASE 1 OPENING SCHEDULE												
			S	IZE						GLAZING			
OPENING	NAME	TYPE	WIDTH	HEIGHT	MAT	FINISH	TYPE	MAT	FINISH	TYPE	COMMENTS		
101A	OFFICE SPACE	FG, PAIR	6' - 0"	7' - 0"	AL	FF	А	AL	FF	SG			
101B	OFFICE SPACE	F	3' - 0"	7' - 0"	WD	ST-1	В	AL	FF				
102	OFFICE SPACE	F	6' - 0"	7' - 0"	WD	ST-1	В	AL	FF	-			
208	CHASE ACCESS	Н	2' - 0"	2' - 0"		FF	-		FF				
301	CHASE ACCESS	Н	2' - 0"	2' - 0"		FF	-		FF				

			ļ	ALTERNA	TE 1 (OPENING	SCHE	DULE			
	DOOR OR BORROWED LITE FRAME										
			S	SIZE						GLAZING	
OPENING	NAME	TYPE	WIDTH	HEIGHT	MAT	FINISH	TYPE	MAT	FINISH	TYPE	COMMENTS
105	OFFICE SPACE	F	3' - 0"	7' - 0"	WD	ST-1	В	PFS	FF	-	

				ALTERNA	TE 2 (OPENINO	SCHE	DULE			
	DO	OR OR BC	RROWED		FRAM	E					
				SIZE						GLAZING	
OPENING	NAME	TYPE	WIDTH	HEIGHT	MAT	FINISH	TYPE	MAT	FINISH	TYPE	COMMENTS
201	OFFICE 1	F	3' - 0"	7' - 0"	WD	ST-1	В	PFS	FF	-	
202	OFFICE 2	F	3' - 0"	7' - 0"	WD	ST-1	В	PFS	FF	-	
203	OFFICE 3	F	3' - 0"	7' - 0"	WD	ST-1	В	PFS	FF	-	
204	OFFICE 4	F	3' - 0"	7' - 0"	WD	ST-1	В	PFS	FF	-	
205	OFFICE 5	F	3' - 0"	7' - 0"	WD	ST-1	В	PFS	FF	-	
206	OFFICE 6	F	3' - 0"	7' - 0"	WD	ST-1	В	PFS	FF	-	
207	OFFICE 7	F	3' - 0"	7' - 0"	WD	ST-1	В	PFS	FF	-	

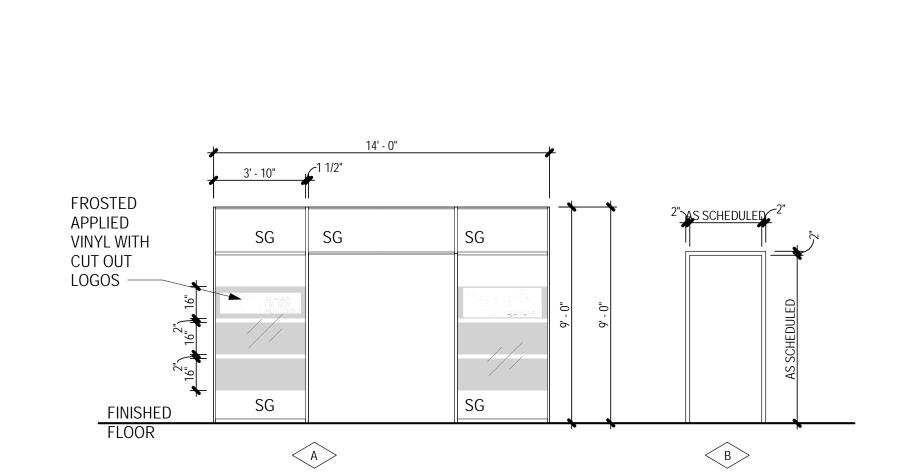
				PHASE 1 I	ROOM FINISH	SCHEDULE				
BASE WALLS										
ROOM NUMBER	ROOM NAME	FLOOR FIN	MATL	HEIGHT	NORTH FIN	EAST FIN	SOUTH FIN	WEST FIN	CEILING FIN	
101	OFFICE SPACE	CPT-1	WD- 1	4 1/2"	PT-1	PT-1	PT-1	PT-1	ACP -1	
102	STORAGE	CPT-1	WD- 1	4 1/2"	PT-1	PT-1	PT-1	PT-1	EXP	
103	OFFICE	CPT-1	RB- 1	4 1/2"	PT-1	PT-1	PT-1	PT-1	EXISTING	

	PHASE 2 ROOM FINISH SCHEDULE												
				E	BASE WALLS								
	ROOM NUMBER	ROOM NAME	FLOOR FIN	MATL	HEIGHT	NORTH FIN	EAST FIN	SOUTH FIN	WEST FIN	CEILING FIN			
2	01	OFFICE SPACE	CPT-1	WD- 1/RB	4 1/2"/4"	PT-1/ WD-3	PT-1/ WD-3	PT-1/ WD-3	PT-1/ WD-3	ACP-1			

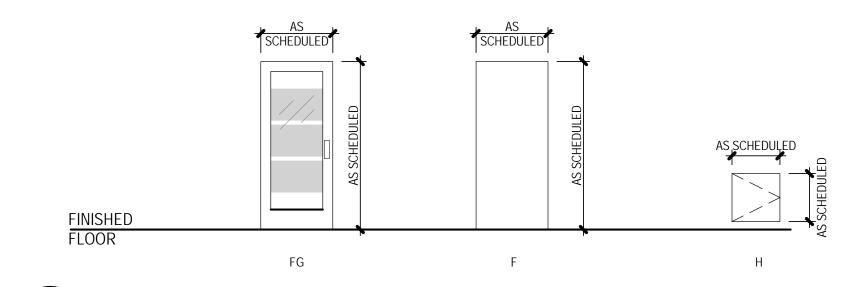
			AL	ΓERNATE	1 ROOM FINI	SH SCHEDUL	.E		
			В	ASE		WALLS			
ROOM NUMBER	ROOM NAME	FLOOR FIN	MATL	HEIGHT	NORTH FIN	EAST FIN	SOUTH FIN	WEST FIN	CEILING FIN
105	OFFICE SPACE	CPT-1	RB	4"	PT-1	PT-1	PT-1	PT-1	EXISTING

ALTERNATE 2 ROOM FINISH SCHEDULE													
		BASE WALLS											
ROOM NUMBER	ROOM NAME	FLOOR FIN	MATL	HEIGHT	NORTH FIN	EAST FIN	SOUTH FIN	WEST FIN	CEILING FIN				
1	OFFICE 1	CPT-1	RB	4"	PT-1	PT-1	PT-1	PT-1	EXISTING				
2	OFFICE 2	CPT-1	RB	4"	PT-1	PT-1	PT-1	PT-1	EXISTING				
3	OFFICE 3	CPT-1	RB	4"	PT-1	PT-1	PT-1	PT-1	EXISTING				
4	OFFICE 4	CPT-1	RB	4'	PT-1	PT-1	PT-1	PT-1	EXISTING				
				4"									
5	OFFICE 5	CPT-1	RB	4"	PT-1	PT-1	PT-1	PT-1	EXISTING				
5	OFFICE 6	CPT-1	RB	4"	PT-1	PT-1	PT-1	PT-1	EXISITING				
7	OFFICE 7	CPT-1	RB	4"	PT-1	PT-1	PT-1	PT-1	EXISTING				

<u>IN</u>	<u>TERIO</u>	R FINISH LEG	SEND:				
	CODE	MATERIAL	MFR	STYLE	COLOR	SIZE	NOTES
FLOOR	CPT-1	CARPET TILE	SHAW	REPARTEE TILE	POSITIVE FEEDBACK	24"x24"	METHOD PER MANUFACTURER SPECS
	RB-1	RESILIENT BASE	-	-	MATCH WALL COLOR	4" HIGH	
BASE	WD-1	WOOD BASE	TBD	OAK	MATCH EXISTING	4 1/2" HIGHx 3/4"	
WALL	P-1	FIELD PAINT	BENJAMIN MOORE	-	MATCH EXISTING		EGGSHELL FINISH
W	P-2	ACCENT WALL	BENJAMIN MOORE	-	TBD		EGGSHELL FINISH
	P-3	STRUCT. STEEL CONNECTORS	BENJAMIN MOORE	-	MATCH EXISTING		EGGSHELL FINISH
MISCELLANECEILING	ACP-1	ACOUSTICAL CEILING PANEL	-	2x4	WHITE		-
LANEC	WD-2	WOOD TRIM	- -	OAK	MATCH EXISTING	VARIES	
IISCEL	WD-3	WOOD T&G PANELING	-	OAK	MATCH EXISTING	25/32"x3 1/4	
2	WD-4	HANDRAIL	-	OAK	MATCH EXISTING	1 1/2" DIA	
	ST-1	STAIN	-	-	MATCH EXISTING		
	PFS	PREFINISHED STEEL	-	-	BRONZE		







OPENING DOOR TYPES

A601 NTS

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CONSTRUCTION DOCUMENTS

IMPROVEMENT

SSS:

ALASKA INDUSTRIAL DEVELOPMENT AND

ECTITLE: ALASKA INDUSTRIAL DEVELOPMENT AND

ECTITLE: ALASKA INDUSTRIAL DEVELOPMENT AND

NO DESCRIPTION DATE

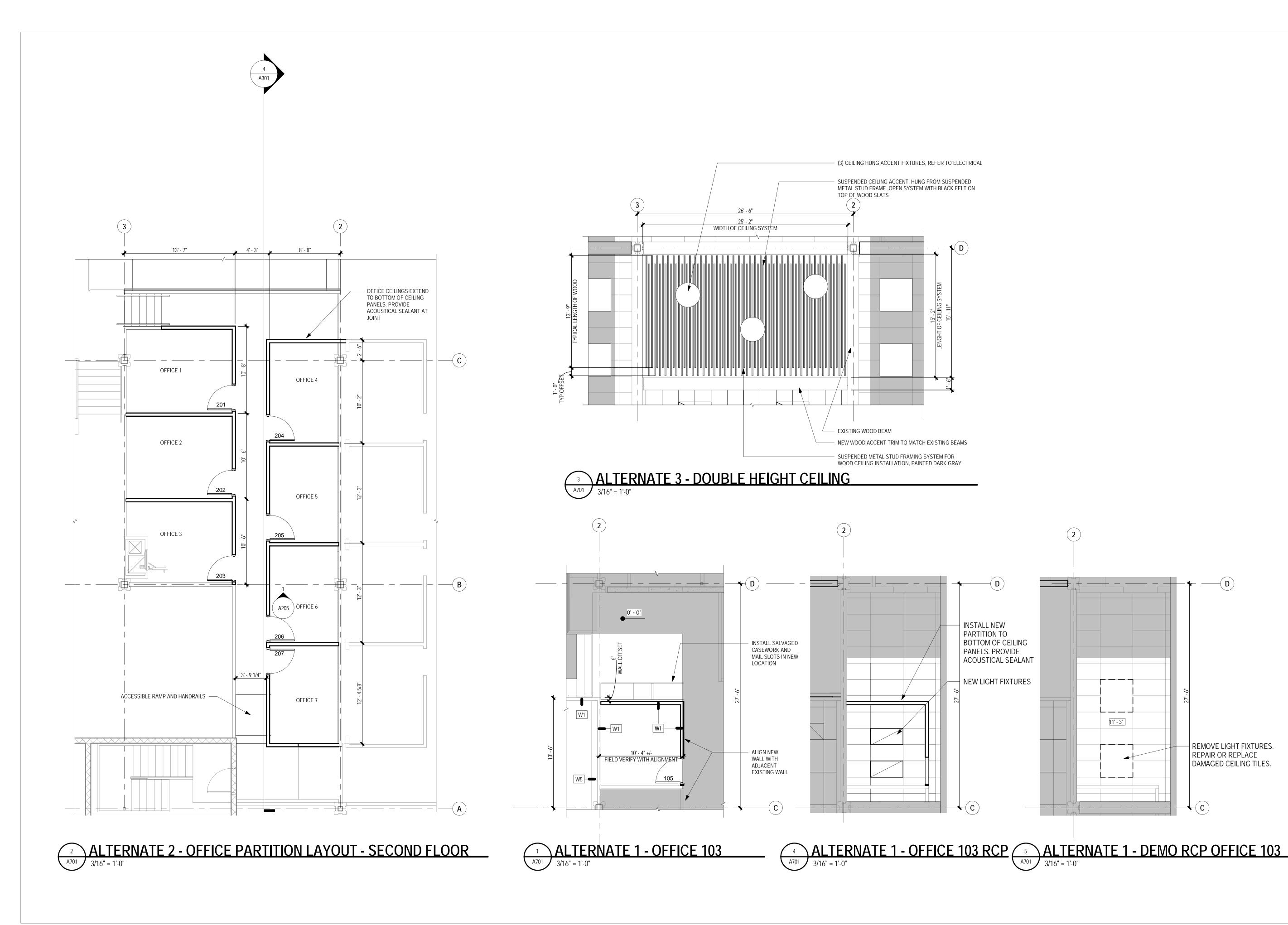
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CONSTRUCTION **DOCUMENTS**

—(D)

REMOVE LIGHT FIXTURES. REPAIR OR REPLACE DAMAGED CEILING TILES.

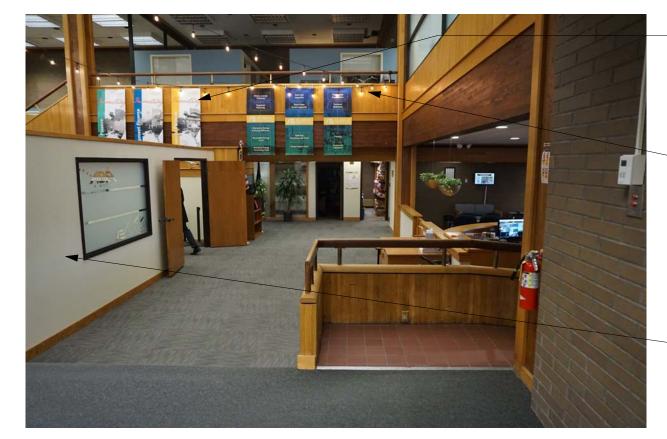
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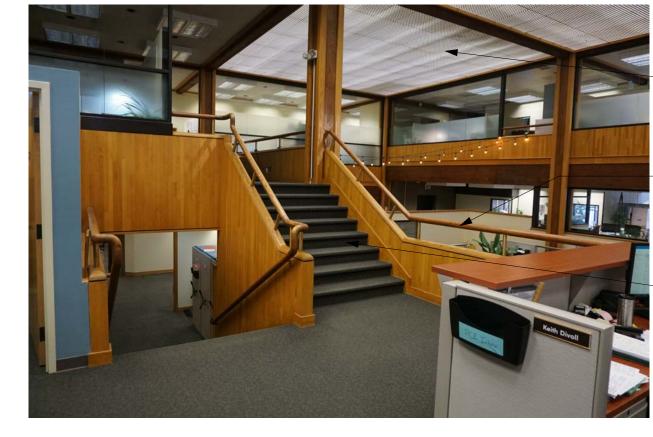
2018.08.31 161002.103 PROJECT NO CHECKED BY MEK 2018 RIM ARCHITECTS



MAIL STATION

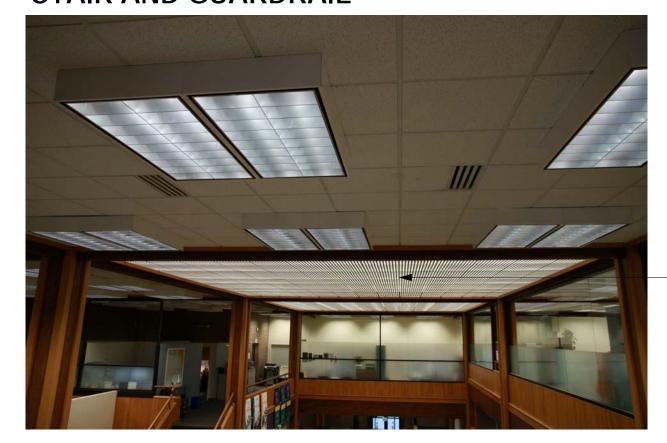


WEST FACING - NORTH SIDE



STAIR AND GUARDRAIL

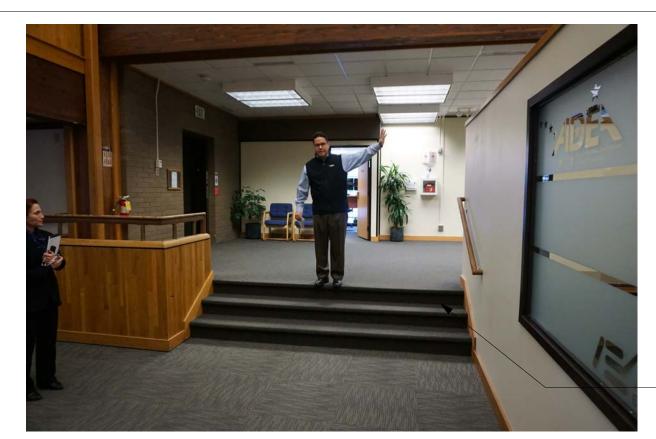
CEILING & LIGHTING



- PHASE 2 WILL REMOVE THE OPEN GRID CEILING

PHASE 1 WILL REMOVE OPEN

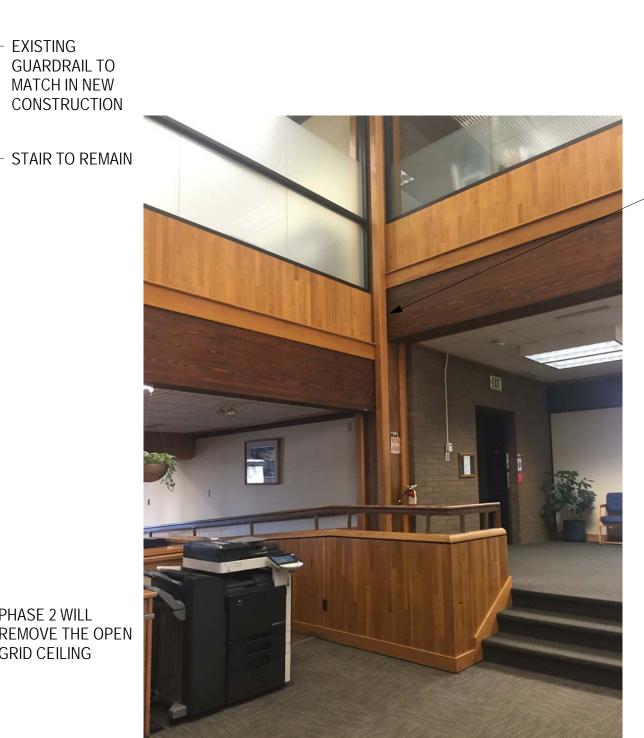
GRID CEILING



MAIL STATION



EAST FACING - NORTH SIDE



- MULTI LEVEL STRUCTURAL CONNECTION AT COLUMN

- A PORTION OF THIS STAIR WILL BE DEMOLISHED

THIS GLAZING WILL BE REMOVED IN PHASE 2

- NEW OPENING IN WALL FOR ACCESS TO NEW SECOND FLOOR

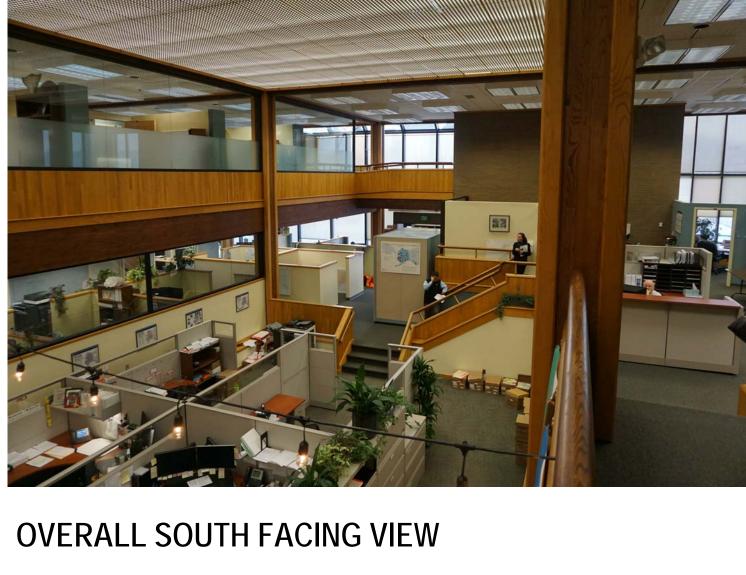
DEMOLISH LOUVER TO

BE DEMOLISHED

FOR NEW WALL
INSTALLATION

EXISTING STAIRS TO REMAIN

SECOND FLOOR INFILL STRUCTURE WILL COORDINATE WITH THIS





OVERALL NORTH FACING VIEW



FLOOR TO STRUCTURE TRANSITION

SOUTHWEST VIEW

GUARDRAIL TO COLUMN CONNECTION

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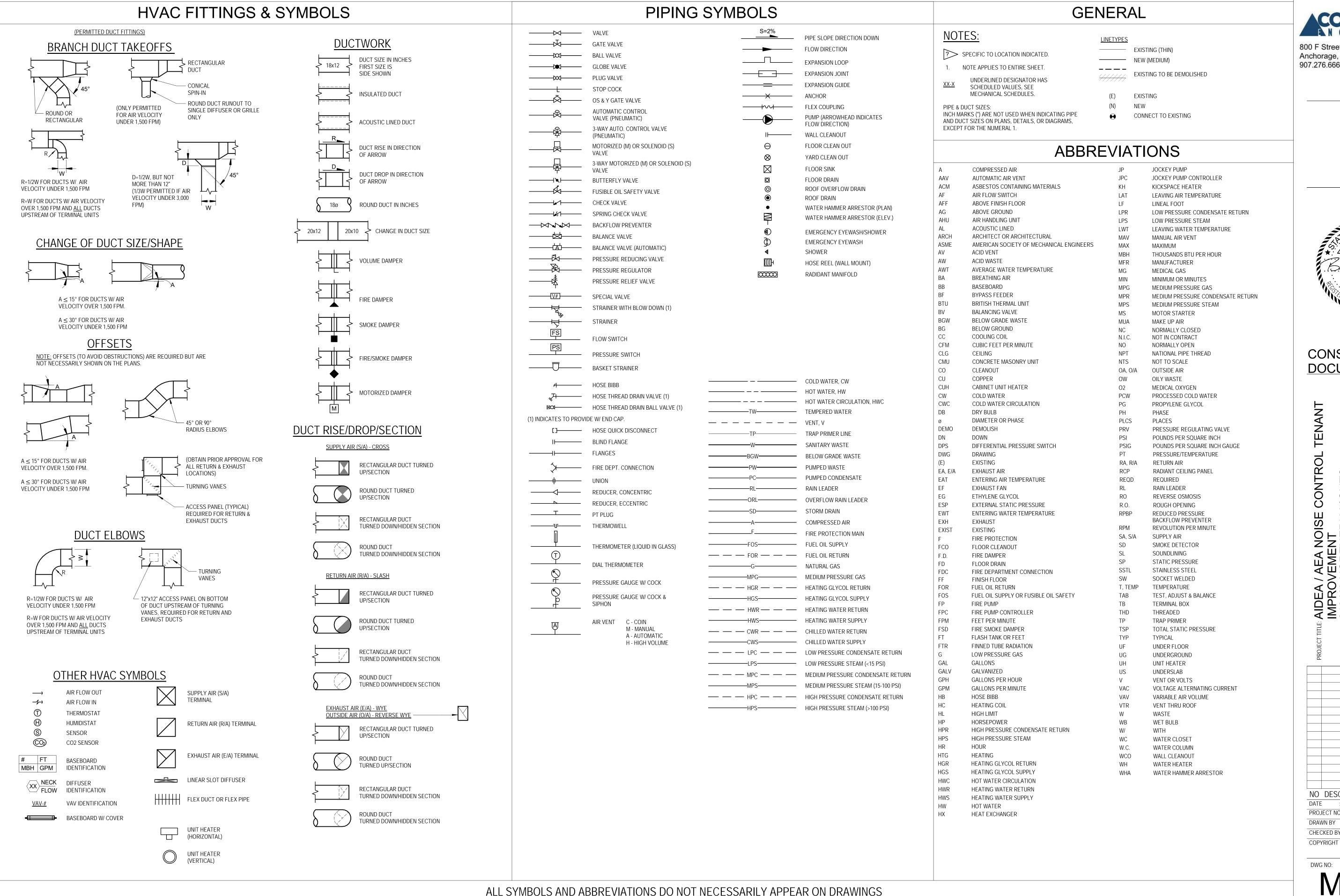
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CONSTRUCTION DOCUMENTS

ADDRESS: 813 W. NORTHERN LIGHTS
ANCHORAGE, AK 99503
OWNER: ALASKA INDUSTRIAL DEVELOPME
AND EXPORT AUTHORITY
SHETTITLE: MECHANICAL LEGEND

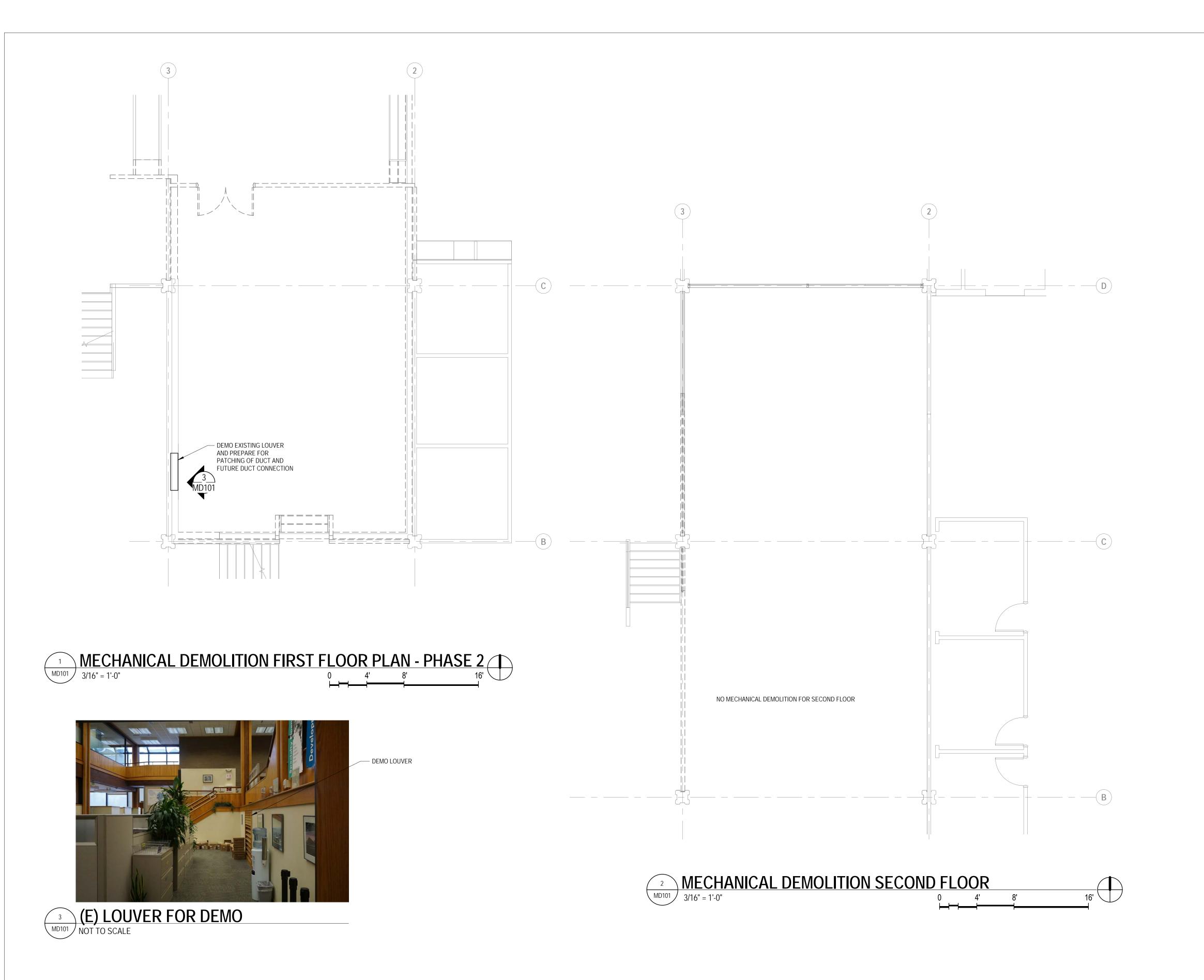
NO DESCRIPTION DATE

DATE : 2018.08.31

PROJECT NO : CEI 171996

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CONSTRUCTION DOCUMENTS

AIDEA / AEA NOISE CONTROL TENAN MPROVEMENT 313 W. NORTHERN LIGHTS ANCHORAGE, AK 99503 ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY

NO DESCRIPTION DATE

DATE : 2018 08 3

NO DESCRIPTION DATE

DATE : 2018.08.31

PROJECT NO : CEI 171996

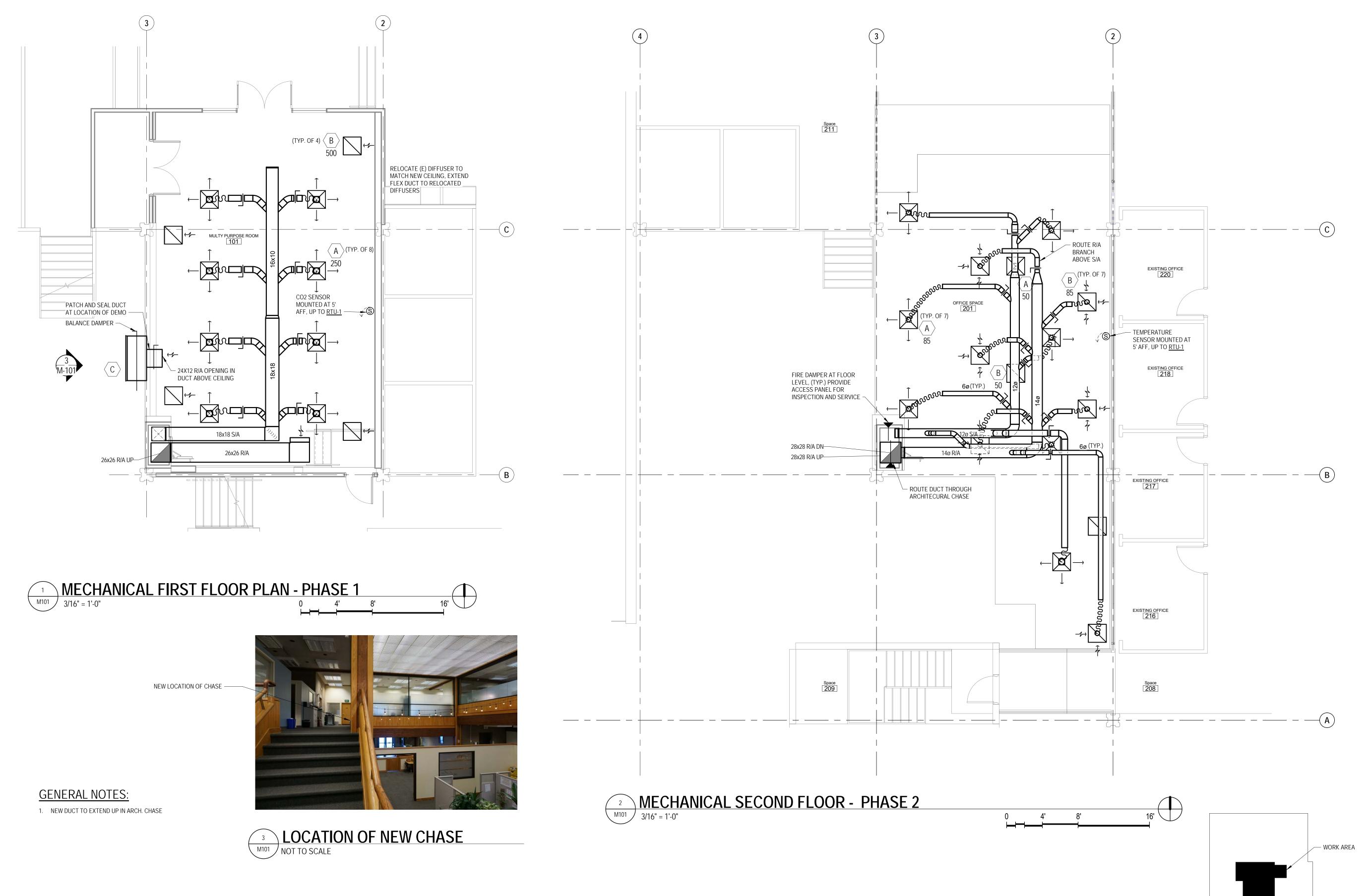
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DWG NO: MD 101

WORK AREA







CONSTRUCTION DOCUMENTS

IMPROVEMENT
813 W. NORTHERN LIGHTS
ANCHORAGE, AK 99503
ALASKA INDUSTRIAL DEVELOPMENT
AND EXPORT AUTHORITY

NO DESCRIPTION DATE

DATE : 2018.08.31

NO DESCRIPTION DATE

DATE : 2018.08.31

PROJECT NO : CEI 171996

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DWG NO: 101

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GENERAL NOTES:

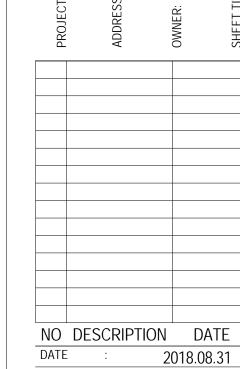
- 1. MAINTAIN 10' SEPARATION BETWEEN RTU-1 AND BOILER VENTS.
- 2. ROOF CONTAINS ASBESTOS. COORDINATE ROOF WORK/
 PENETRATIONS WITH THE O.C. CONTRACTOR IS RESPONSIBLE
 FOR SAFE PRACTICES RELATED TO CONTAMINATED MATERIAL
 AND THEIR DISPOSAL. SEE G001 GENERAL PROJECT NOTES.
- 3. FIELD VERIFY ALL LOCATIONS PRIOR TO CONSTRUCTION.





CONSTRUCTION DOCUMENTS

INDEA / AEA NOISE CONTROL TENANT IMPROVEMENT 813 W. NORTHERN LIGHTS ANCHORAGE, AK 99503 ALASKA INDUSTRIAL DEVELOPMENT AND EXPORT AUTHORITY



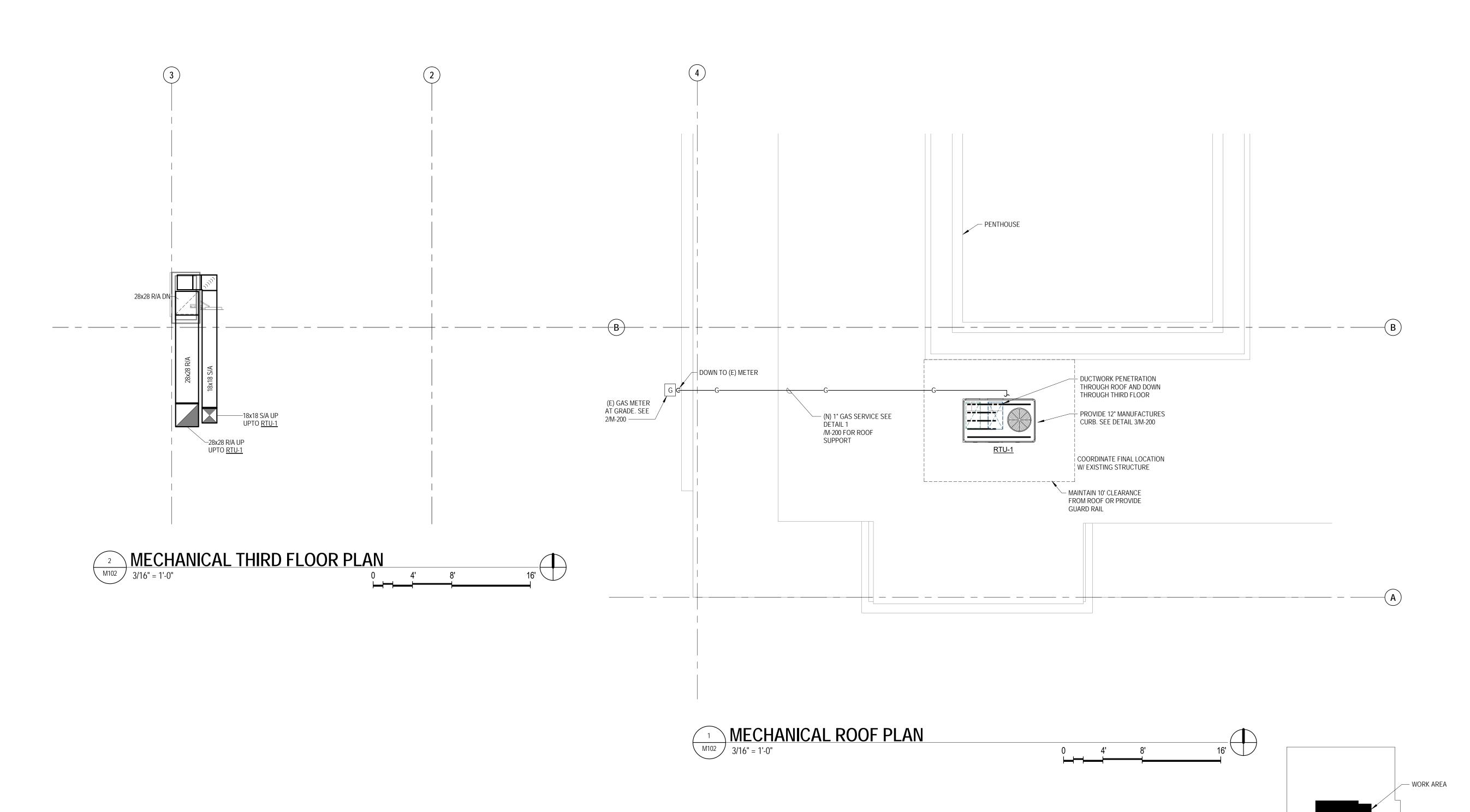
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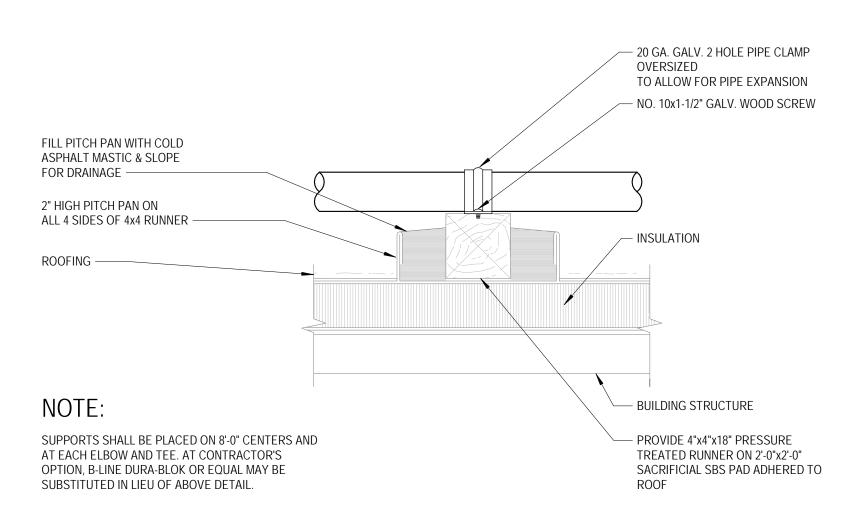
DATE : 2018.08.31

PROJECT NO : CEI 171996

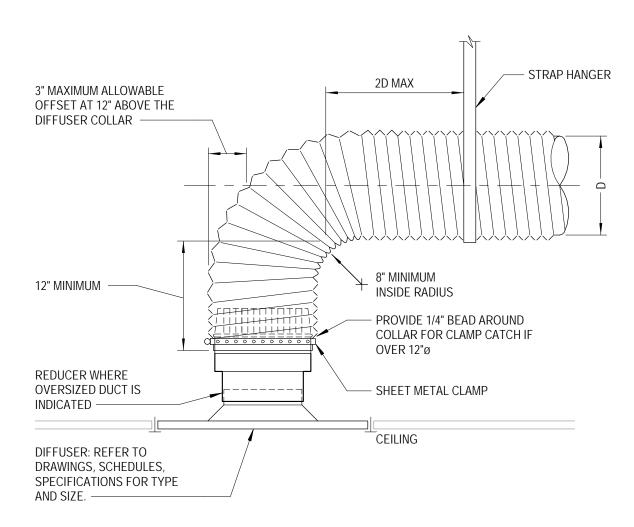
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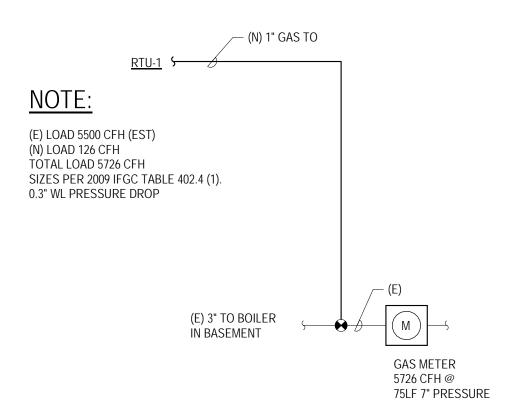
PIPING ROOF SUPPORTS DETAILS NOT TO SCALE



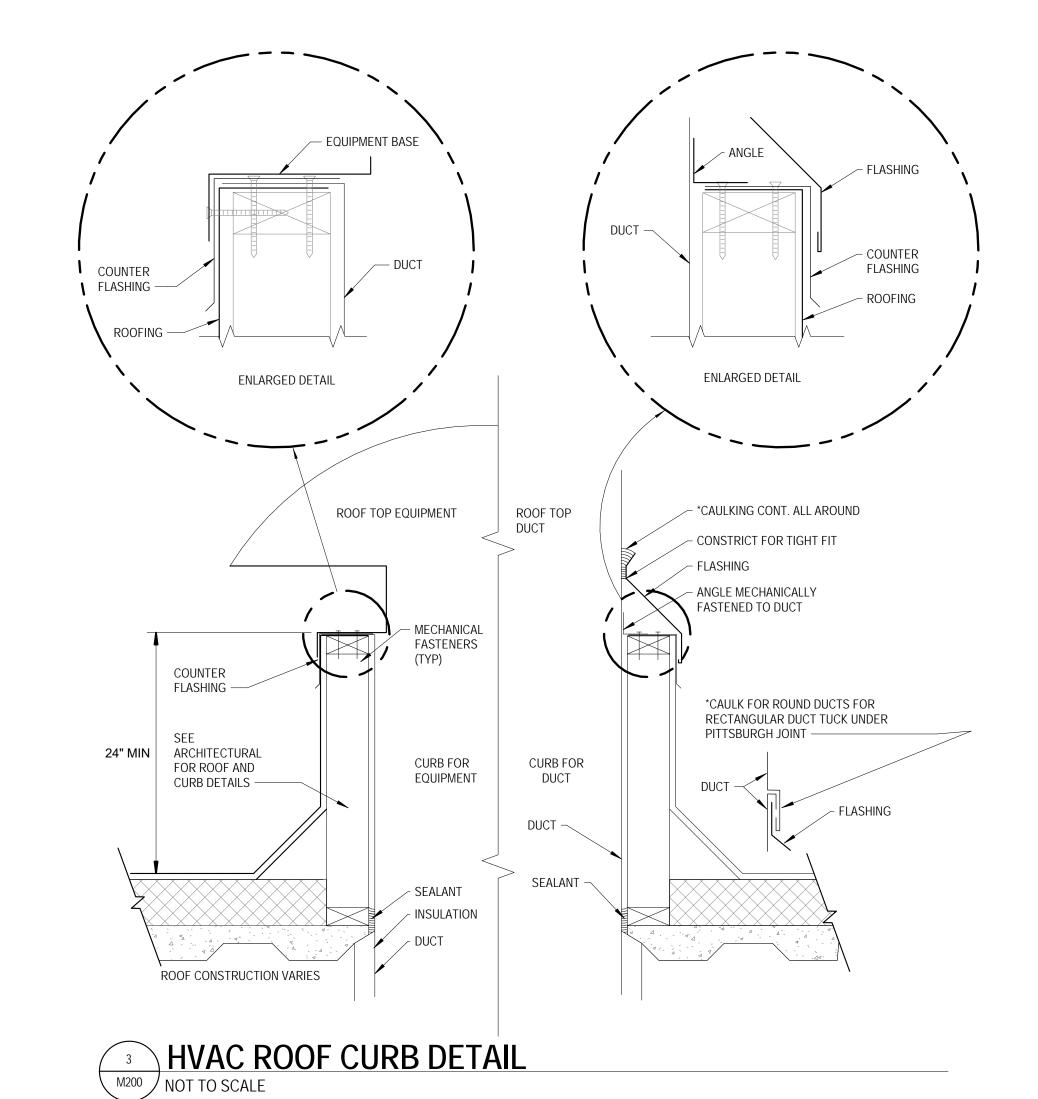
NOTE:

FLEXIBLE DUCT TO DIFFUSERS SHALL NOT BE USED ABOVE NON-REMOVABLE HARD CEILINGS. USE RIGID DUCT CONNECTIONS.









AIR TERMINAL SCHEDULE													
TAG	PURPOSE	TYPE	TYPE NECK SIZE (IN.) FACE SIZE (IN.) COLOR BORDER TYPE				BASIS OF DESI MANUFACTURER	NOTES					
А	SUPPLY	4-WAY	-	24x24	WHITE	LAY-IN	TITUS	TMS	1, 2, 4				
В	RETURN	EGGCRATE	-	24x24	WHITE	LAY-IN	TITUS	300RL	1, 2, 4				
С	RETURN	LOUVER	NA			SURFACE MOUNT			3				

- 2. PROVIDED ROUND NECK ADAPTER AS REQUIRED. SEE DRAWING FOR NECK SIZE.
- 4. PROVIDE IN 24X24 LAY IN MODULE.
- 3. REUSE EXISTING LOUVER

							R	200)F T	OP	U۱	JIT	SC	HEC	ULE	- - -					
	SUPPLY FAN		OUTS	SIDE AIR		COOLING				HEATIN	G			ELEC	TRICAL		MAX OVERALL SIZE	LINIT W/T	BASIS OF D	ESIGN	
TAG	AIR FLOW (SCFM)	ESP (IN. WC)	FILTER EFF%	MIN. OUTSIDE AIR (CFM)	TONS	REFRIGERANT	EAT (F)	LAT (F)	OUTPUT (MBH)	AFUE (%)	EAT (F)	LAT (F)	VOLTS	PHASE	MCA (A)	MOP (A)	H"xW"x L"	(LBS)	MANUFACTURER	MODEL	NOTES
RTU-1	2,500	1	MERV-8	250	6	410a	75	54.5	121.5	80	45	90	460	3	17	25	3.4x4.4x7.4	1045	TRANE	YSC072	
NOTES:																					

- 1. PROVIDE SMOKE DETECTORS ON THE SUPPLY FAN AND RETURN DUCT FOR AUTOMATIC UNIT SHUTDOWN.
- PROVIDE NEMA PREIUM EFFICIENCY MOTORS ON ALL FANS.
- PROVIDE CO2 WALL SENSOR AND SEPARATE THERMOSTAT SENSOR. ALL CONTROLS TO BE OPERATED BY ON-BOARD CONTROLLER. 4. PROVIDE WITH MANUFACTURER BUILT ROOF CURB. COORDINATE WITH ROOF AND STRUCTURAL CONTRACTOR FOR INSTALLATION.

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CONSTRUCTION **DOCUMENTS**

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ELECTRICAL SYMBOLS ABBREVIATIONS AMPERE LIGHTING CONTROL PANEL AMPERE INTERRUPTING CURRENT LMR LAND MOBILE RADIO **GENERAL LIGHTING POWER GENERAL** DISTRIBUTION AMPERE FRAME LV LOW VOLTAGE LONG SHORT INSTANTANEOUS GROUND TRIP SENSOR ABOVE FINISHED FLOOR LSIG LTG AHU LIGHTING AIR HANDLING UNIT STARTER, 3-POLE, NEMA SIZE 1 MINIMUM - UNLESS OTHERWISE LIGHT FIXTURE IDENTIFICATION TAG. REFER TO LIGHT FIXTURE ARMS ARC REVOLVING MAINTENANCE SWITCH MAINTENANCE BYPASS SWITCH NEW MANHOLE OR HANDHOLE AS INDICATED SCHEDULE FOR ADDITIONAL INFORMATION. **AMPERE SWITCH** MAIN CIRCUIT BREAKER EXISTING MANHOLE OR HANDHOLE AS INDICATED ASV MDF MAIN DATA FRAME AIR SOLENOID VALVE □ COMBINATION STARTER/DISCONNECT 2'x4' RECESSED FIXTURE MAIN DISTRIBUTION SWITCHBOARD AMPERE TRIP MDSB INDICATES FRONT ☐ DISCONNECT SWITCH ATS **AUTOMATIC TRANSFER SWITCH** MECH MECHANICAL 1'x4' RECESSED FIXTURE PAD MOUNTED TRANSFORMER AMERICAN WIRE GAUGE MFR MANUFACTURER 2'x4' SURFACE MOUNTED FIXTURE MASTER GROUND BAR FUSED DISCONNECT SWITCH **BUILDING AUTOMATION SYSTEM** MGB - INDICATES FRONT BACKBOARD OPERATOR MANHOLE; METAL HALIDE 1'x4' SURFACE MOUNTED FIXTURE EXISTING PAD MOUNTED TRANSFORMER BONDING CONDUCTOR FOR TELECOMMUNICATION CONTACTOR MINIMUM BLDG MLO MAIN LUGS ONLY BUILDING 2'x2' RECESSED FIXTURE NEW PAD MOUNTED SWITCH CIRCUIT BREAKER **CONDUIT** MTD MOUNTED 1'x2' SURFACE MOUNTED FIXTURE EXISTING PAD MOUNTED SWITCH CAT CATEGORY MTS MANUAL TRANSFER SWITCH POLE MOUNTED TRANSFORMER - SUBSCRIPTS INDICATE CATV CABLE TELEVISION MICROWAVE MW LINEAR PENDANT MOUNTED FIXTURE JUNCTION BOX FIRST NUMBER: # OF TRANSFORMERS CIRCUIT BREAKER NEUTRAL CB SECOND NUMBER: TRANSFORMER KVA RATING CCTV CLOSED CIRCUIT TELEVISION NATIONAL ELECTRICAL CODE LINEAR WALL MOUNTED FIXTURE M MOTOR CONNECTION CKT CIRCUIT NORMALLY CLOSED CEILING MOUNTED FIXTURE **G** GENERATOR CLG CEILING NIGHT LIGHT PAD MOUNTED TRANSFORMER - SUBSCRIPTS INDICATE: CMU CONCRETE MASONRY UNIT NUMBER OR NORMALLY OPEN ► EXTERIOR WALL MOUNTED FIXTURE FIRST NUMBER: # OF TRANSFORMERS EQUIPMENT CONNECTION CO NATIONALLY RECOGNIZED TESTING LABORATORY CONDUIT ONLY SECOND NUMBER: TRANSFORMER KVA RATING RECESSED DIRECTIONAL FIXTURE EQUIPMENT CONNECTION - WALL MOUNTED CONT CONTROLLER NTS NOT TO SCALE **COMMUNICATIONS** OVERHEAD DOOR DELTA CONNECTION RECESSED DOWNLIGHT FIXTURE THERMOSTAT OSP CR CONTROL RECEPTACLE OUTSIDE PLANT PBB CT **CURRENT TRANSFORMER** PRIMARY BONDING BUS BAR (FORMERLY TMGB) **├** WALL MOUNTED DIRECTIONAL FIXTURE WYE CONNECTION CU COPPER INDICATING LIGHT - TYPE AS NOTED **EQUIPMENT CABINET** DET DETAIL PROGRAMMABLE LOGIC CONTROLLER CIRCUIT BREAKER DIAMETER PORTABLE MAINTENANCE AID DIA A - AMBER B - BLUE G - GREEN POWER POLE DISC DISCONNECT R - RED W - WHITE ☐ FLUSH FLOOR BOX TI FUSE DN PATCH PANEL WALL MOUNTED INDICATING LIGHT - TYPE AS NOTED DO DOOR OPERATOR TRANSFORMER POKE-THRU TYPE FITTING DOUBLE POLE SINGLE THROW PRS PROGRAMMED RAPID START DPST A - AMBER B - BLUE G - GREEN DW DISHWASHER PVC POLYVINYL CHLORIDE R - RED W - WHITE (C) FLUSH FLOOR COUPLING —UGE— UNDERGROUND ELECTRIC DWG DRAWING POWFR QTY E, (E) **EXISTING** QUANTITY WALL WASHER FIXTURE - AIM TOWARDS UNSHADED SIDE H) EMERGENCY SHUT DOWN SWITCH RECEPTACLE HOME RUN - NUMBER OF CONDUCTORS AS INDICATED. LONG **PUSHBUTTON EQUIPMENT BONDING JUMPER** EBJ REF REFRIGERATOR HASH INDICATES A NEUTRAL, SHORT HASH INDICATES A 'HOT'. EX: INDICATES NUMBER OF HEADS EF EXHAUST FAN REQD REQUIRED FURNITURE CONNECTION - PROVIDE FLUSH WALL MOUNT JUNCTION IF NO HASHES ARE SHOWN THEN ONE NEUTRAL AND ONE HOT **EQUIPMENT GROUNDING CONDUCTOR** RETURN FAN BOX FOR CONNECTIONS TO SYSTEM FURNITURE ●■ POLE MOUNTED SINGLE AREA LIGHT ARE ASSUMED. ALL CONDUITS MUST HAVE A GROUND ELEC RANGE HOOD ELECTRICAL CONDUCTOR. POLE MOUNTED DOUBLE AREA LIGHT EMT **ELECTRICAL METALLIC TUBING** SECONDARY BONDING BUS BAR (FORMERLY TGB) **EMERGENCY POWER OFF** SUPPLY FAN XX-X EQUIPMENT TAG - REFER TO EQUIPMENT CONNECTION SCHEDULE FOR SITE LIGHT FIXTURE -LETTER DESIGNATION INDICATES PANEL ETR S/FD SMOKE/FIRE DAMPER EXISTING TO REMAIN ADDITIONAL INFORMATION. -NUMBER(S) INDICATE CIRCUIT LOWER-CASE LETTER ADJACENT TO FIXTURE INDICATES SPECIFIC SWITCHING **EWC** ELECTRIC WATER COOLER SMF SINGLE MODE FIBER EXIST **EXISTING** SPD SURGE PROTECTION DEVICE FΑ FIRE ALARM **SPECIFICATIONS** POWER OUTLETS NL INDICATES NIGHT LIGHT WIRED TO UNSWITCHED CIRCUIT. FAA FIRE ALARM ANNUNCIATOR SINGLE POLE SINGLE THROW FACP FIRE ALARM CONTROL PANEL SHUNT TRIP OR STRAND SOUND TRANSMISSION CLASS DUPLEX RECEPTACLE, SUBSCRIPT INDICATES TYPE: **GENERAL** STD FOIC FURNISHED BY OWNER INSTALLED BY CONTRACTOR STANDARD O - OCCUPANCY SENSOR CONTROLLED STL FOIO FURNISHED BY OWNER INSTALLED BY OWNER STEEL G - GFCI PROTECTED FUor F **FUSE** SOLENOID VALVE WP - WEATHERPROOF WHILE IN USE **EMERGENCY LIGHTING** ? SHEET NOTE, SPECIFIC TO LOCATION INDICATED. FSD FIRE SMOKE DAMPER SWITCH TV - OUTLET FOR FLAT PANEL TELEVISION **FVNR** FULL VOLTAGE NON-REVERSING SWBD **SWITCHBOARD** 1. GENERAL NOTE, APPLIES TO ENTIRE SHEET NOTE: ANY OF THE ABOVE FIXTURE SYMBOLS WITH A BLACK FILLED REGION SPECIAL PURPOSE RECEPTACLE, SEE SPECIAL RECEPTACLE SCHEDULE ON E-601 FOR TYPE GALV SWITCHGEAR GALVANIZED TELECOMMUNICATIONS BONDING BACKBONE INDICATES FIXTURE PROVIDED WITH EMERGENCY BATTERY BALLAST OR DRIVER. GEC GROUNDING ELECTRODE CONDUCTOR GEN **GENERATOR** TELEPHONE LINETYPES: GROUND FAULT CIRCUIT INTERRUPTER DUPLEX RECEPTACLE - CEILING MOUNTED GFCI TELECOMMUNICATIONS EQUIPMENT BONDING CONDUCTOR GND,G GROUND DOUBLE DUPLEX RECEPTACLE EXIT SIGN - CEILING MOUNTED (ARROW INDICATES DIRECTION OF EGRESS) TELECOMMUNICATION EQUIPMENT ROOM (MDF) GRS GALVANIZED RIGID STEEL —UGE— UNDERGROUND ELECTRICAL GAS SOLENOID VALVE TELECOMMUNICATIONS ROOM (IDF) GSV DOUBLE DUPLEX RECEPTACLE - CEILING MOUNTED —UGC— UNDERGROUND COMMUNICATIONS HBO HEAD BOLT OUTLET TRAP PRIMER EXIT SIGN - WALL MOUNTED (ARROW INDICATES DIRECTION OF EGRESS) 3 WIRE RECEPTACLE - 208V TELEPHONE TERMINAL BOARD HANDHOLE —OHE— OVERHEAD ELECTRIC HIGH INTENSITY DISCHARGE TYPICAL SINGLE RECEPTACLE BATTERY POWERED EMERGENCY LIGHT - WALL ——HT—— HEAT TRACE HORSEPOWER UNDER COUNTER PEDESTAL DUPLEX RECEPTACLE HIGH POWER FACTOR UNDERGROUND —USL— UNDERGROUND SECONDARY LINE BATTERY POWERED EMERGENCY LIGHT - CEILING HIGH PRESSURE SODIUM UNIT HEATER AREA OF DEMOLITION, SEE SITE PLANS PEDESTAL DOUBLE DUPLEX RECEPTACLE REMOTE HEAD BATTERY POWERED EMERGENCY LIGHT HEAT TRACE INTERMEDIATE DATA FRAME UTILITY MANHOLE X:X CIRCUIT IDENTIFIER (PANEL:CIRCUIT NUMBER) COMBINATION EXIT SIGN/EMERGENCY LIGHT - WALL MOUNTED BUILDING SEISMIC JOINT ISOLATED GROUND UPS UNINTERRUPTIBLE POWER SUPPLY INTELLIGENT PARKING LOT CONTROLLER UNSHIELDED TWISTED PAIR J,JBOX JUNCTION BOX **DATA OUTLETS** LIGHTING CONTROL AMPERE INTERRUPTING CAPACITY (THOUSANDS) VOLTAMPERE THOUSAND CIRCULAR MILS VARIABLE FREQUENCY DRIVE KILOVOLT

LIGHTING CONTROL STATION

WALL SWITCH - SUBSCRIPT INDICATES TYPE: 2 - DOUBLE POLE LVM - LOW VOLTAGE MASTER M - MANUAL MOTOR STARTER 3 - THREE WAY 4 - FOUR WAY MC - MOMENTARY CONTACT D - DIMMER P - SWITCH W/ PILOT LIGHT EP - EXPLOSION PROOF T - TIMER K - KEY OPERATED WP - WEATHERPROOF LV - LOW VOLTAGE O - OCCUPANCY SENSOR

LOWER-CASE LETTER ADJACENT TO SWITCH INDICATES SPECIFIC SWITCHING

(OS) OCCUPANCY SENSOR - DUAL TECHNOLOGY - CEILING MOUNTED

DATA OUTLET (4) PORT OUTLET: (2) CAT6 JACKS. MOUNTED AT 18" AFF UNLESS OTHERWISE

FIRE ALARM

(?) SMOKE DETECTOR - CEILING MOUNTED

├─── SMOKE DUCT DETECTOR WITH AUXILLIARY CONTACTS

HORN STROBE - CEILING MOUNTED

HORN STROBE - WALL MOUNTED, MOUNT UP 80" AFF BUT NOT LESS THAN 6" FROM FINISHED CEILING

> MOUNTING HEIGHT SCHEDULE DEVICE ON PLAN MOUNTING REFERENCE POINT REMARKS HEIGHT CENTER TOP FLOOR CEILING TO 24" IN HAZARDOUS LOCATIONS OR AS $rac{rac}{rac}$ SHOWN ON PLANS HTO TOP OF PANEL

WIRELESS ACCESS POINT

WITHOUT WEATHERPROOF

TRANSFORMER

KILOVOLTAMPERES

KILOWATT HOUR

ΚW

KWH



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CONSTRUCTION DOCUMENTS

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IMPROVEMENT
813 W. NORTHERN L
ANCHORAGE, AK 99
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ELECTRICAL LEGEN

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GENERAL ELECTRICAL NOTES:

THE FOLLOWING CODES AND STANDARDS AND PROJECT NOTES APPLY TO THE ELECTRICAL AND TELECOMMUNICATION SYSTEM INSTALLATIONS UNLESS INDICATED OTHERWISE:

BUILDING CODES AND STANDARDS:

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE REGULATIONS, LOCAL AMMENDMENTS, AND STANDARDS LISTED BELOW. ALL ARE LISTED BY THEIR BASIC DESIGNATION ONLY. IF PUBLICATION DATES ARE NOT LISTED, THE LATEST EDITION SHALL BE USED. IN THE CASE OF CONFLICTING STANDARDS, THE MORE RESTRICTIVE STANDARD SHALL BE USED.

NFPA 70 2014 NATIONAL ELECTRICAL CODE.

NFPA 70E STANDARD FOR ELECTRICAL SAFETY IN THE WORKPLACE.

NFPA 101 LIFE SAFETY.

ANSI/TIA-606B-1

ANSI AMERICAN NATIONAL STANDARDS INSTITUTE.

NEMA NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION.

UL UNDERWRITERS' LABORATORIES, INC.

IESNA ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA

LIGHTING HANDBOOK, 10TH EDITION.

ANSI/TIA-568C/D COMMERCIAL BUILDING TELECOMMUNICATIONS WIRING STANDARD.

ANSI/TIA-569D COMMERCIAL BUILDING STANDARD FOR TELECOMMUNICATIONS PATHWAYS AND SPACES.

ADMINISTRATION STANDARD FOR THE TELECOMMUNICATIONS INFRASTRUCTURE OF COMMERCIAL BUILDINGS

PROJECT NOTES:

- 1. THE ELECTRICAL INSTALLATION SHALL COMPLY WITH THE 2014 NATIONAL ELECTRICAL CODE, NFPA 72, STATE AND LOCAL AMENDMENTS, AND NECA STANDARDS OF INSTALLATION.
- 2. ALL ELECTRICAL EQUIPMENT AND MATERIALS SHALL BE LISTED AND LABELED FOR THEIR INTENDED APPLICATION BY A NATIONALLY RECOGNIZED TESTING LABORATORY ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION.
- 3. EXISTING EQUIPMENT INFORMATION SHOWN ON THESE DRAWINGS SHOULD BE FIELD VERIFIED. CONFIRM NEW EQUIPMENT LOCATIONS WITH OWNER AND ADJUST AS REQUIRED.
- 4. MAINTAIN A RED-LINE SET OF CONSTRUCTION DOCUMENTS DURING CONSTRUCTION. RED-LINE DRAWINGS SHALL BE SUBMITTED TO THE OWNER UPON PROJECT COMPLETION.
- 5. ALL WIRING INSTALLED IN UNHEATED OR EXTERIOR SPACES SHALL BE XHHW, INTERIOR WIRING MAY BE THHW/THHN UNLESS NOTED OTHERWISE.
- 6. SURFACE MOUNT CONDUIT IS NOT ALLOWED EXCEPT IN MECHANICAL AND ELECTRICAL ROOMS.
- 7. PROVIDE A SEPARATE INSULATED GREEN EQUIPMENT GROUND CONDUCTOR SIZED IN ACCORDANCE WITH NEC TABLE 250.122 IN ALL FEEDER AND BRANCH CIRCUIT RACEWAYS.
- 8. ALL BRANCH CIRCUIT CONDUCTORS SHALL BE COPPER UNLESS NOTED OTHERWISE. MULTIWIRE BRANCH CIRCUITS WITH SHARED NEUTRALS ARE PROHIBITED.
- 9. MAINTAIN A MINIMUM 6" CLEARANCE BETWEEN CONDUIT AND PIPING. MAINTAIN A MINIMUM 12" CLEARANCE BETWEEN CONDUIT AND HEAT SOURCES SUCH AS FLUES, HEATING PIPES, AND HEATING APPLIANCES.
- 10. VERIFY CEILING TYPES THROUGHOUT THE PROJECT PRIOR TO ORDERING LUMINARIES. PROVIDE COMPATIBLE MOUNTING ACCESSORIES AND ALL TRIM, FLANGES, SUPPORTS, OUTLET BOXES, ETC. FOR A COMPLETE AND FINISHED INSTALLATION.
- 11. CIRCUIT NUMBERS ARE SHOWN NEXT TO LIGHTING FIXTURES AND ELECTRICAL DEVICES. REFER TO THE EQUIPMENT SCHEDULE IF A CIRCUIT ASSIGNMENT IS NOT SHOWN ON THE PLANS. PROVIDE WIRING AS SHOWN ON DRAWINGS AND LISTED IN THE SPECIFICATIONS.
- 12. PROVIDE MULTI-LEVEL SWITCHING AS INDICATED BY SWITCHING ARRANGEMENT. PROVIDE BALLAST OR LED DRIVER CONFIGURATIONS AS
- 13. LOCATIONS OF LIGHT FIXTURES AND EQUIPMENT SHOWN ARE APPROXIMATE ONLY. COORDINATE EQUIPMENT LOCATIONS WITH ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS. COORDINATE WORK WITH OTHER TRADES AND SUB-CONTRACTORS.
- 14. PROVIDE TYPED, UPDATED PANEL SCHEDULES FOR NEW PANELS AND PANELS MODIFIED BY THIS PROJECT.
- 15. DRAWINGS ARE SCHEMATIC ONLY AND DO NOT SHOW ALL CONDUIT AND CONNECTIONS BETWEEN RESPECTIVE DEVICES AND FIXTURES. CONTRACTOR SHALL DETERMINE THE EXACT ROUTING OF CONDUIT, CABLE, AND WIRING CONNECTIONS BETWEEN RESPECTIVE DEVICES AND FIXTURES FOR A COMPLETE AND OPERATIONAL SYSTEM.
- 16. ALL FIRE ALARM CONDUIT, TERMINAL AND PULLING BOXES, AND COVERS IN UNFINISHED AREAS SHALL BE PAINTED RED AND BE IDENTIFIED BY THE ZONE AND CIRCUIT IT CONTAINS. ALL FIRE ALARM WIRING SHALL BE INSTALLED IN 3/4" CONDUIT MINIMUM. FOR FINISHED AREAS, CONDUIT SHALL BE CONCEALED WITHIN THE WALL CAVITY OR ABOVE CEILINGS.
- 17. ALL FIRE ALARM DC WIRING SHALL BE 14 AWG MINIMUM. PROVIDE COLOR CODED WIRE/CABLING FOR DIFFERENT CIRCUIT TYPES. MAINTAIN COLOR CODE THROUGHOUT EACH CIRCUIT. OBSERVE ALLOWABLE NEC FILL RATIOS.

PROJECT SCOPE SUMMARY:

THIS PROJECT INCLUDES TENANT IMPROVEMENTS TO AN EXISTING FACILITY AND IS TO BE COMPLETED IN MULTIPLE PHASES. PHASE 1 INCLUDES WORK ASSOCIATED WITH THE FIRST LEVEL. PHASE 2 WORK INCLUDES WORK ASSOCIATED WITH THE SECOND LEVEL. THIS PROJECT INCLUDES (3) ADD ALTERNATIVES. ELECTRICAL SCOPE FOR EACH ADD ALTERNATIVE IS OUTLINED BELOW:

ADD ALTERNATIVE #1:

WORK UNDER THIS ADD ALTERNATIVE INCLUDES THE INSTALLATION OF NEW OFFICE 103. WORK INCLUDES THE INSTALLATION OF ADDITIONAL DATA, POWER AND LIGHTING FOR THE NEW OFFICE SPACE. IF SELECTED, THIS WORK WILL BE PERFORMED IN ADDITION TO THE BASE PROJECT.

ADD ALTERNATIVE #2:

WORK UNDER THIS ADD ALTERNATIVE INCLUDES THE INSTALLATION OF INDIVIDUAL OFFICE SPACES ON THE SECOND LEVEL. LIGHT FIXTURES AND POWER AND DATA RECEPTACLES ARE CONFIGURED FOR USE IN INDIVIDUAL OFFICE SPACES. IF SELECTED, ELECTRICAL WORK ASSOCIATED WITH ADD ALTERNATIVE 2 WILL BE PERFORMED INSTEAD OF WORK ASSOCIATED WITH PHASE 2 INDICATED ON DRAWINGS E101 AND E111.

ADD ALTERNATIVE #3:

THIS ALTERNATIVE INCLUDES THE INSTALLATION OF ARCHITECTURAL LIGHTING ON THE SECOND LEVEL ABOVE THE LOBBY AREA.



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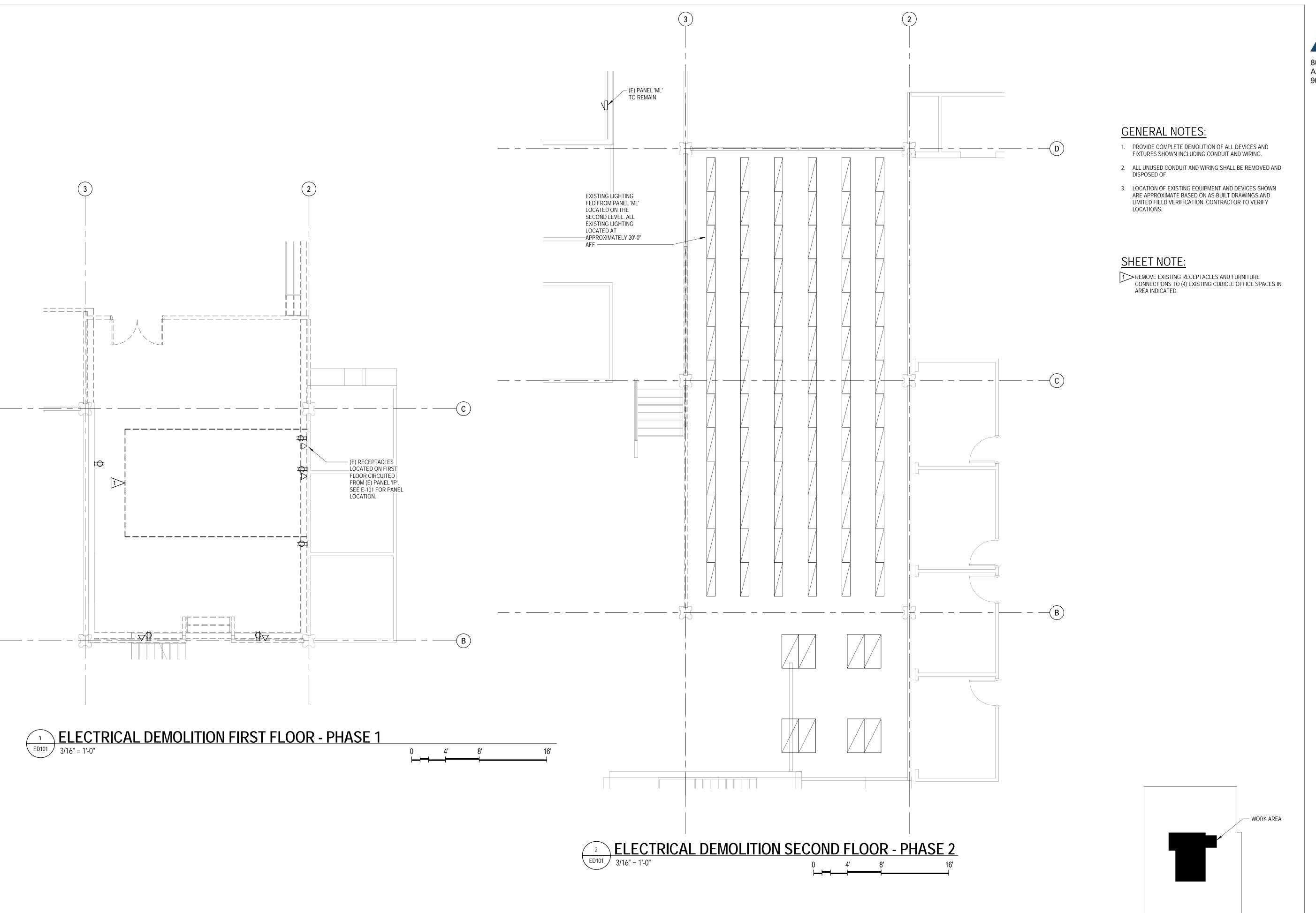
CONSTRUCTION DOCUMENTS

AIDEA / AEA NOISE CONTROL TEI IMPROVEMENT 813 W. NORTHERN LIGHTS ANCHORAGE, AK 99503 ALASKA INDUSTRIAL DEVELOPMI AND EXPORT AUTHORITY

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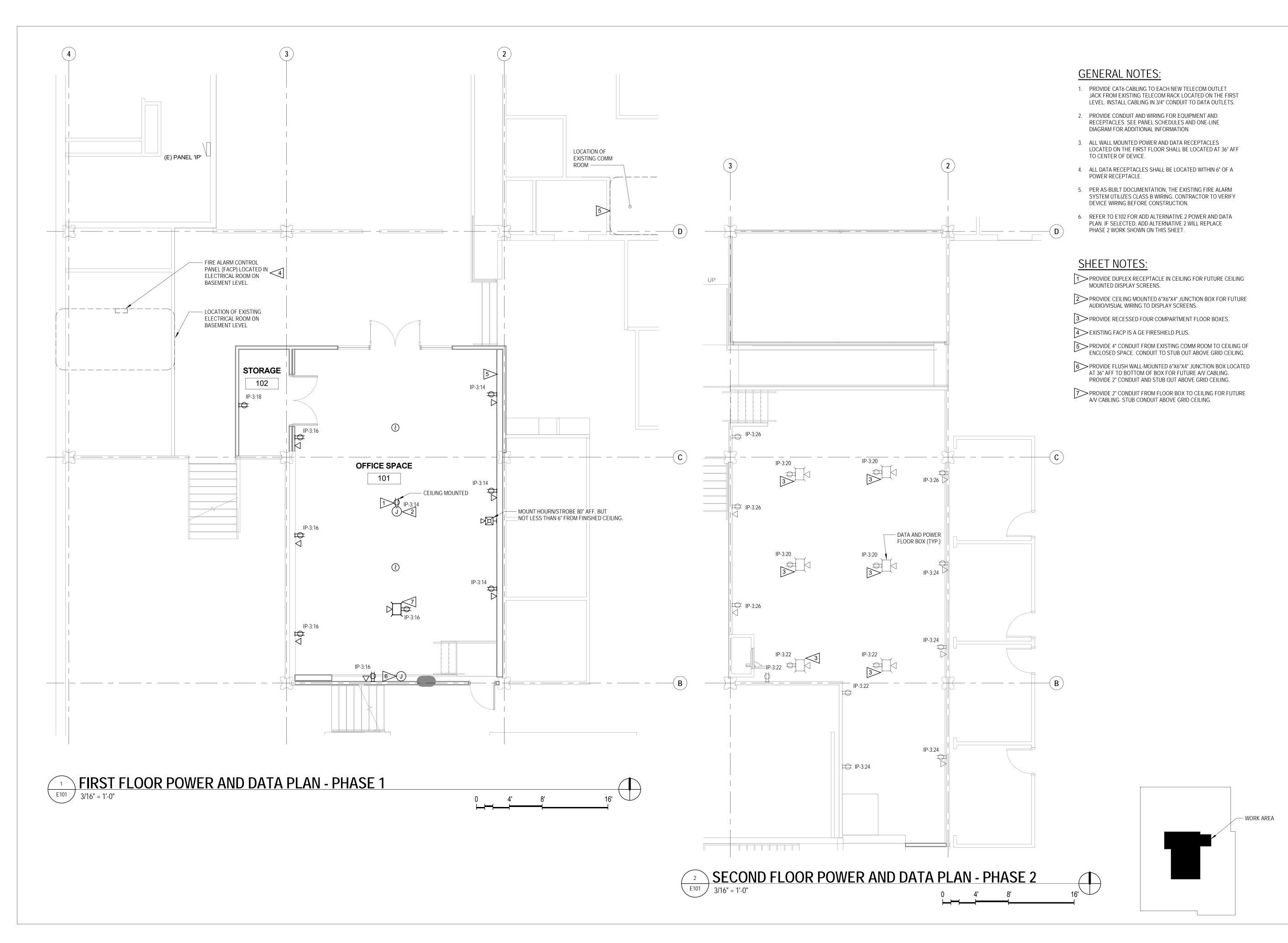
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AND EXPORT AUTHORITY

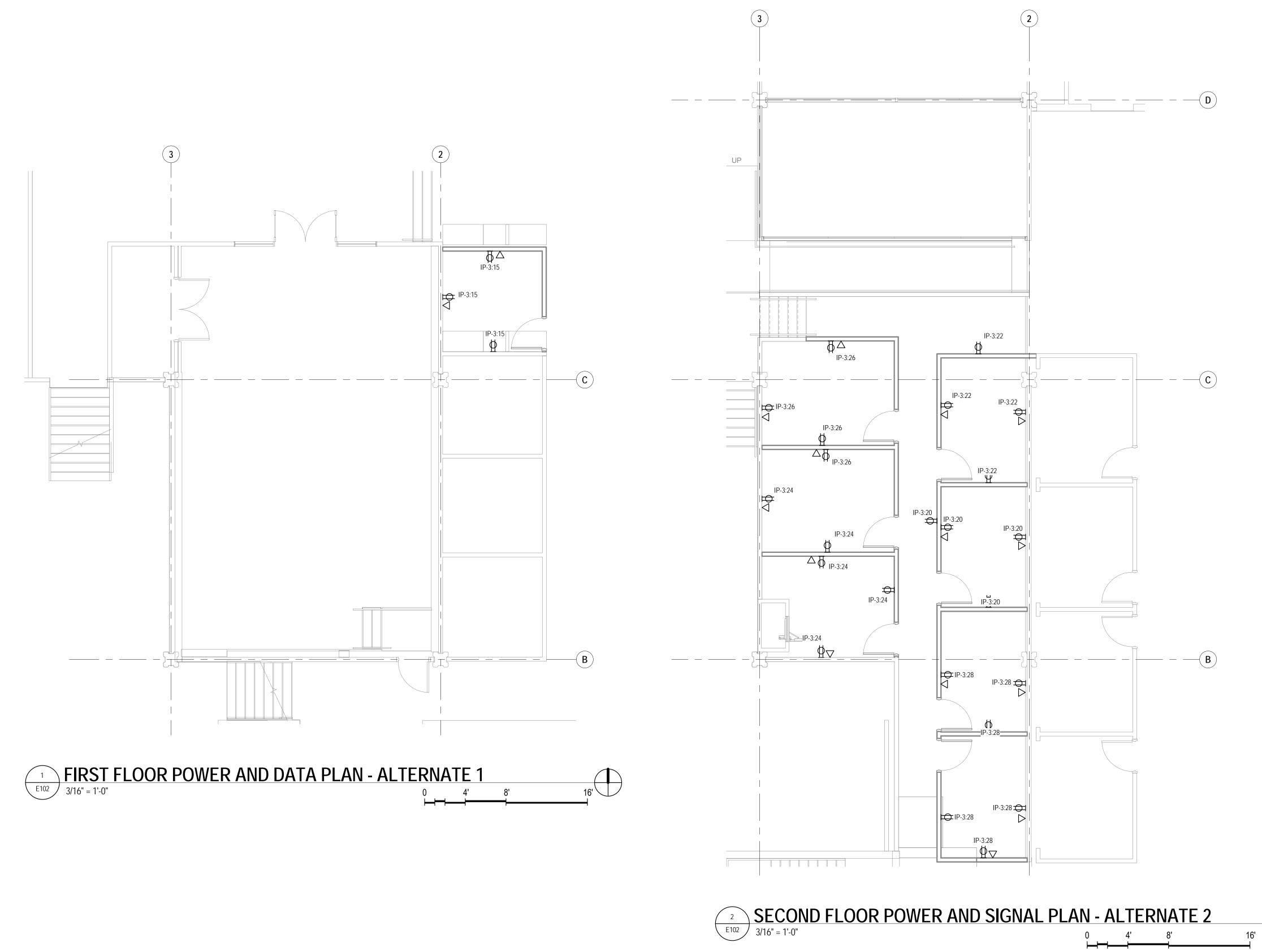
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DWG NO: **E101**





- PROVIDE CAT6 CABLING TO EACH NEW TELECOM OUTLET
 JACK FROM EXISTING TELECOM RACK LOCATED ON THE FIRST LEVEL. REFER TO 1/E101 FOR TELECOM ROOM LOCATION.
- 2. PROVIDE CONDUIT AND WIRING FOR EQUIPMENT AND RECEPTACLES. SEE PANEL SCHEDULES AND ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
- 3. ALL DATA RECEPTACLES SHALL BE LOCATED WITHIN 6" OF A POWER RECEPTACLE.
- 4. ALL CIRCUITING FOR ADD ALT 1 AND 2 TO BE FED FROM EXISTING PANEL IP-3 ON FIRST FLOOR.
- IF SELECTED, ADD ALTERNATIVE 2 WILL REPLACE PHASE 2 WORK AS SHOWN ON E101.
- 6. IF SELECTED, ADD ALTERNATIVE 1 WILL BE IN ADDITION TO WORK PERFORMED IN PHASE 1 AS SHOWN ON E101.



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CONSTRUCTION **DOCUMENTS**

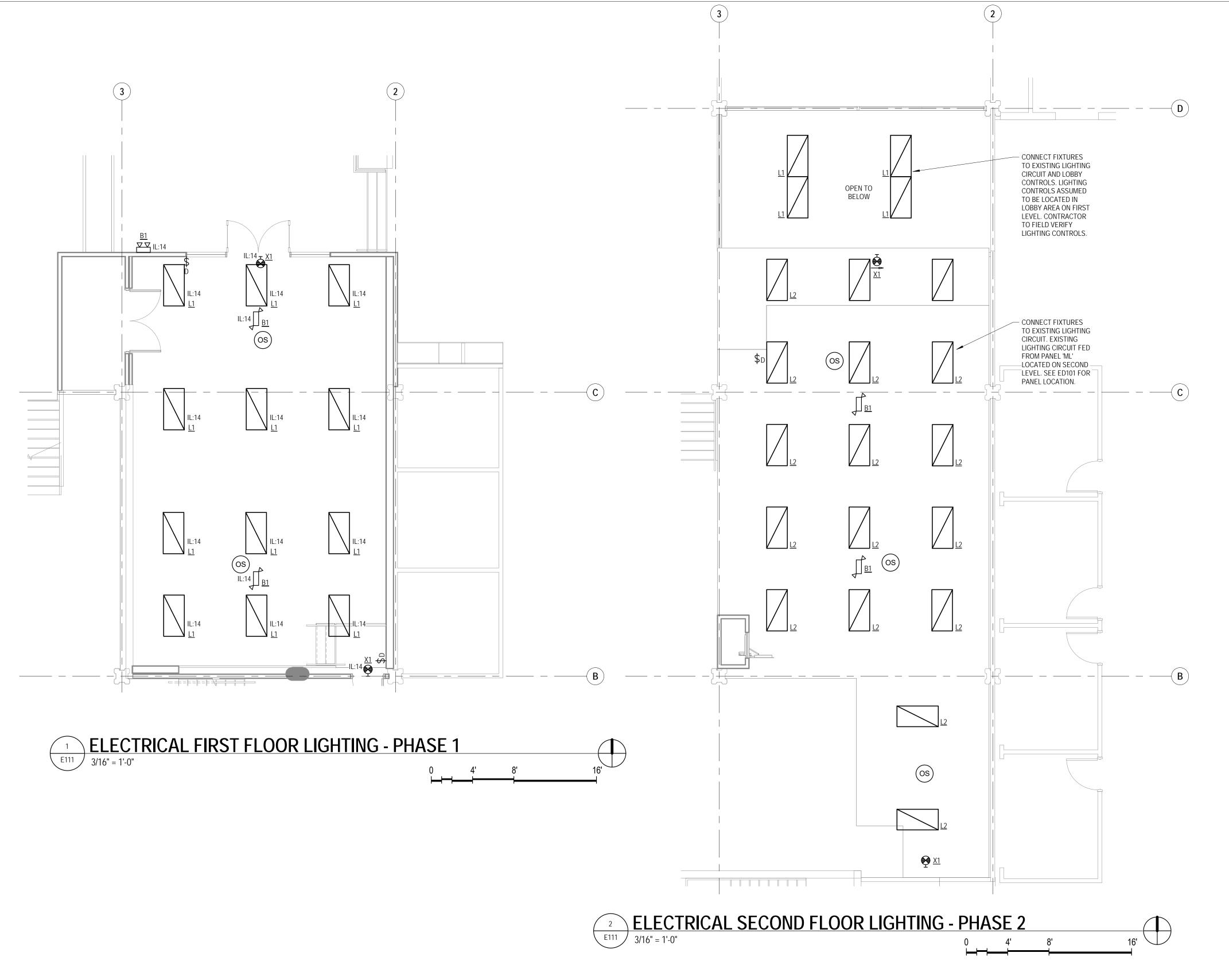
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DWG NO:

E102

- WORK AREA

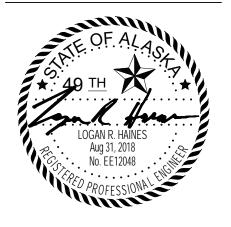




- 1. REFER TO SHEET E-201 FOR LIGHT FIXTURE SCHEDULE.
- 2. CONNECT ALL EXIT SIGNS AND EMERGENCY EGRESS LIGHT FIXTURES TO THE UNSWITCHED LEG OF THE LOCAL LIGHTING
- 3. PROVIDE ORLO (ON, RAISE, LOWER, OFF) DIMMER SWITCHING COMPATIBLE WITH THE 0-10V DRIVER IN THE LED FIXTURES.
- 4. PROVIDE CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSORS FOR LIGHTING CONTROL. SENSORS SHALL BE AUTO ON/ AUTO OFF WITH 20 MINUTE SETBACK, WITH OVERRIDE ON/OFF AND RAISE/LOWER VIA DIMMING SWITCH. PROVIDE ALL DEVICES AND WIRING AS REQUIRED.
- 5. CEILING AND FIXTURE HEIGHTS EXCEED 20'-0" AFF. CONTRACTOR TO PROVIDE MEANS OF ACCESSING CEILING LOCATIONS.
- 6. FOR ADD ALTERNATIVE 2 LIGHTING PLAN SEE E112. IF SELECTED, ADD ALTERNATIVE 2 WILL REPLACE PHASE 2 WORK SHOWN ON THIS SHEET.



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CONSTRUCTION **DOCUMENTS**

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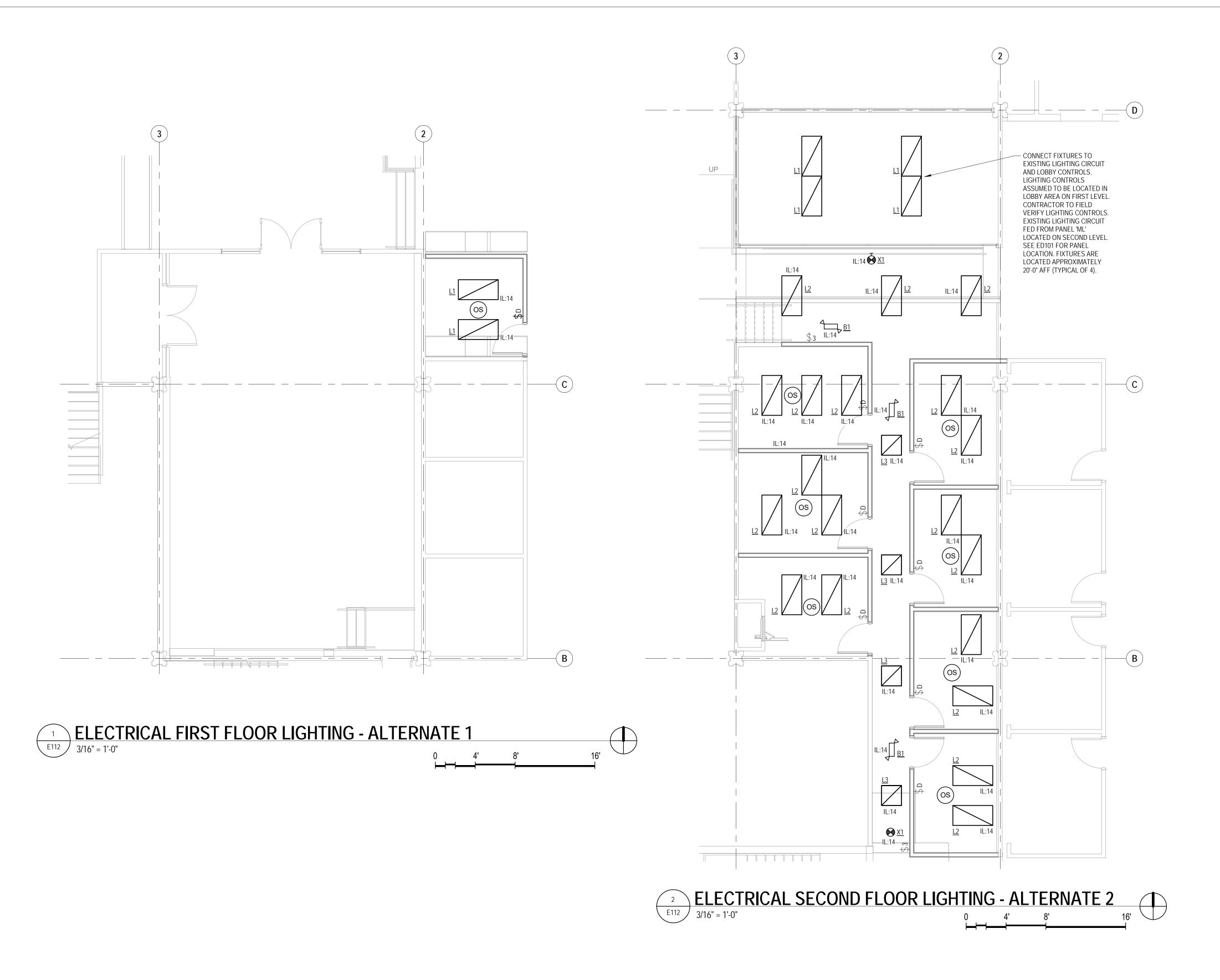
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> DWG NO: E111

– WORK AREA



GENERAL NOTES:

- 1. REFER TO SHEET E-201 FOR LIGHT FIXTURE SCHEDULE.
- 2. CONNECT ALL EXIT SIGNS AND EMERGENCY EGRESS LIGHT FIXTURES TO THE UNSWITCHED LEG OF THE LOCAL LIGHTING CIRCUIT.
- 3. PROVIDE ORLO (ON, RAISE, LOWER, OFF) DIMMER SWITCHING COMPATIBLE WITH THE 0-10V DRIVER IN THE LED FIXTURES.
- 4. PROVIDE CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSORS FOR LIGHTING CONTROL. SENSORS SHALL BE AUTO ON/ AUTO OFF WITH 20 MINUTE SETBACK, WITH OVERRIDE ON/OFF AND RAISE/LOWER VIA DIMMING SWITCH. PROVIDE ALL DEVICES AND WIRING AS REQUIRED.
- 5. SEE E111 FOR PHASE 2 LIGHTING PLAN. IF SELECTED, ADD ALTERNATIVE 2 WILL REPLACE PHASE 2 WORK SHOWN ON F111
- 6. IF SELECTED, ADD ALTERNATIVE 1 WILL BE IN ADDITION TO PHASE 1 WORK.



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CONSTRUCTION DOCUMENTS

EA / AEA NOISE CONTROL TENAN ROVEMENT W. NORTHERN LIGHTS CHORAGE, AK 99503 SKA INDUSTRIAL DEVELOPMENT EXPORT AUTHORITY

PROJECT ADDRES

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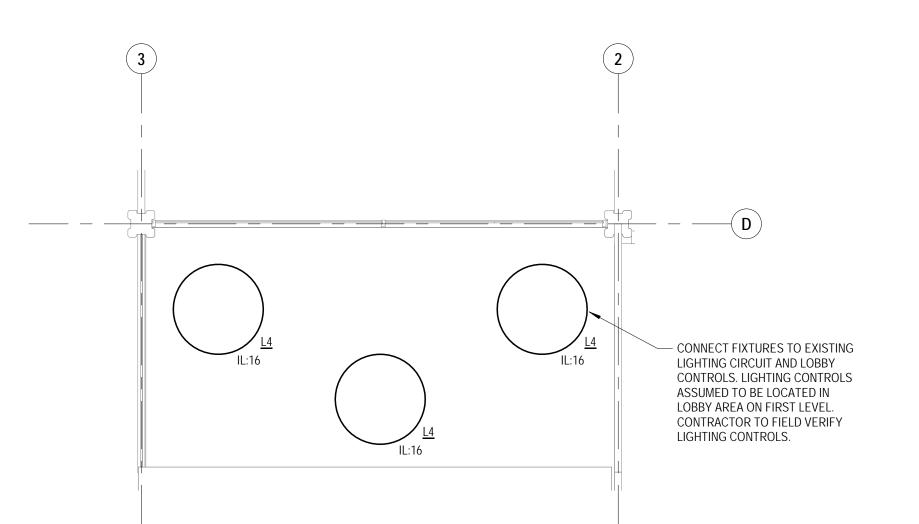
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E112



ELECTRICAL SECOND FLOOR LIGHTING - ALTERNATE 3

3/16" = 1'-0"

0 4' 8'

16'

GENERAL NOTES:

- 1. REFER TO SHEET E-201 FOR LIGHT FIXTURE SCHEDULE.
- ADD ALTERNATIVE 3 INCLUDES THE INSTALLATION OF LIGHTING FIXTURES FOR THE SECOND FLOOR ONLY ABOVE THE LOBBY AREA.



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CONSTRUCTION DOCUMENTS

A / AEA NOISE CONTROL TENA OVEMENT V. NORTHERN LIGHTS HORAGE, AK 99503 KA INDUSTRIAL DEVELOPMEN EXPORT AUTHORITY

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DWG NO: **E113**

GENERAL NOTE:

 CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION.





CONSTRUCTION DOCUMENTS

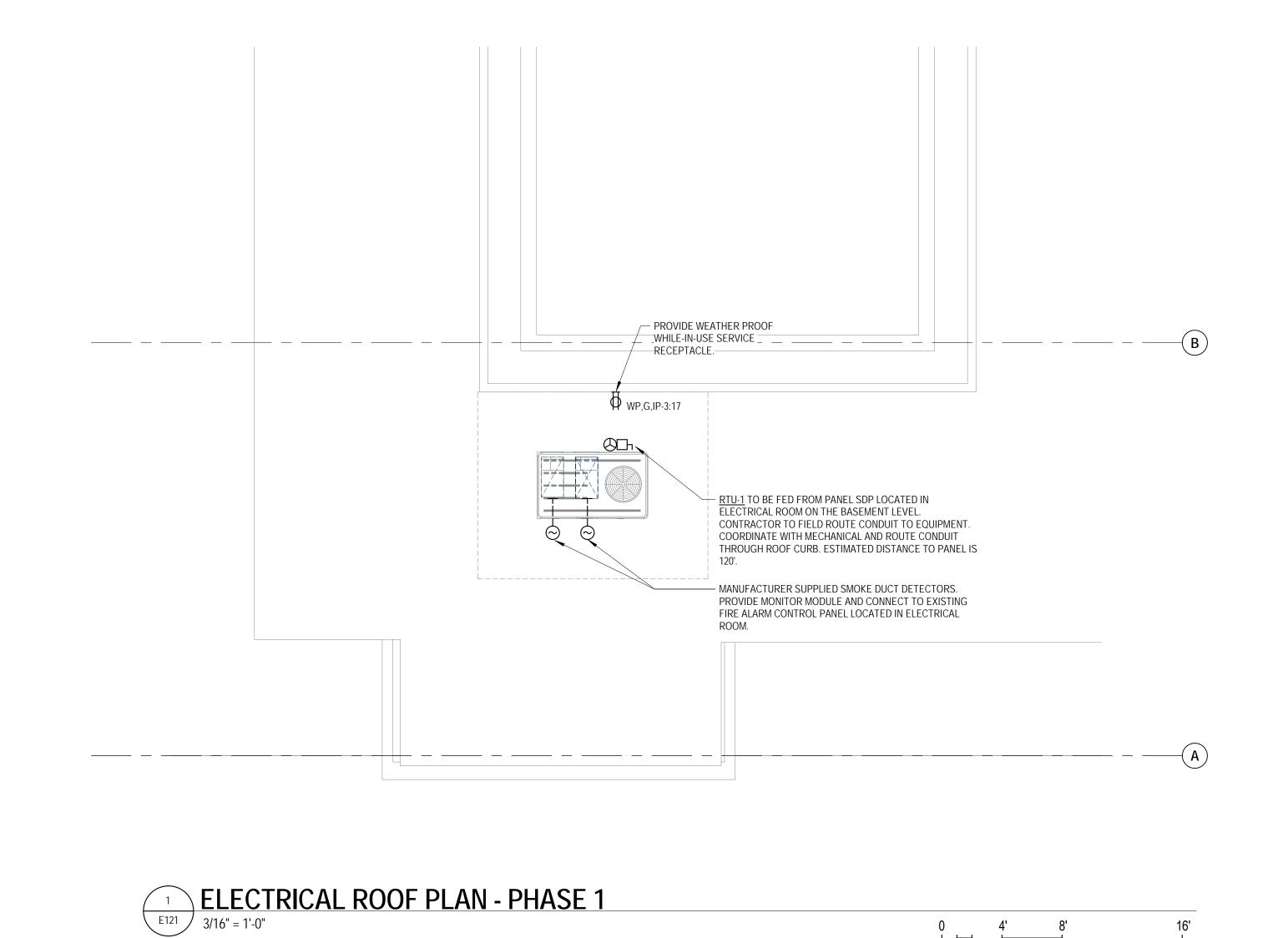
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ALASKA INDUSTRIAL DEVELOPMEN
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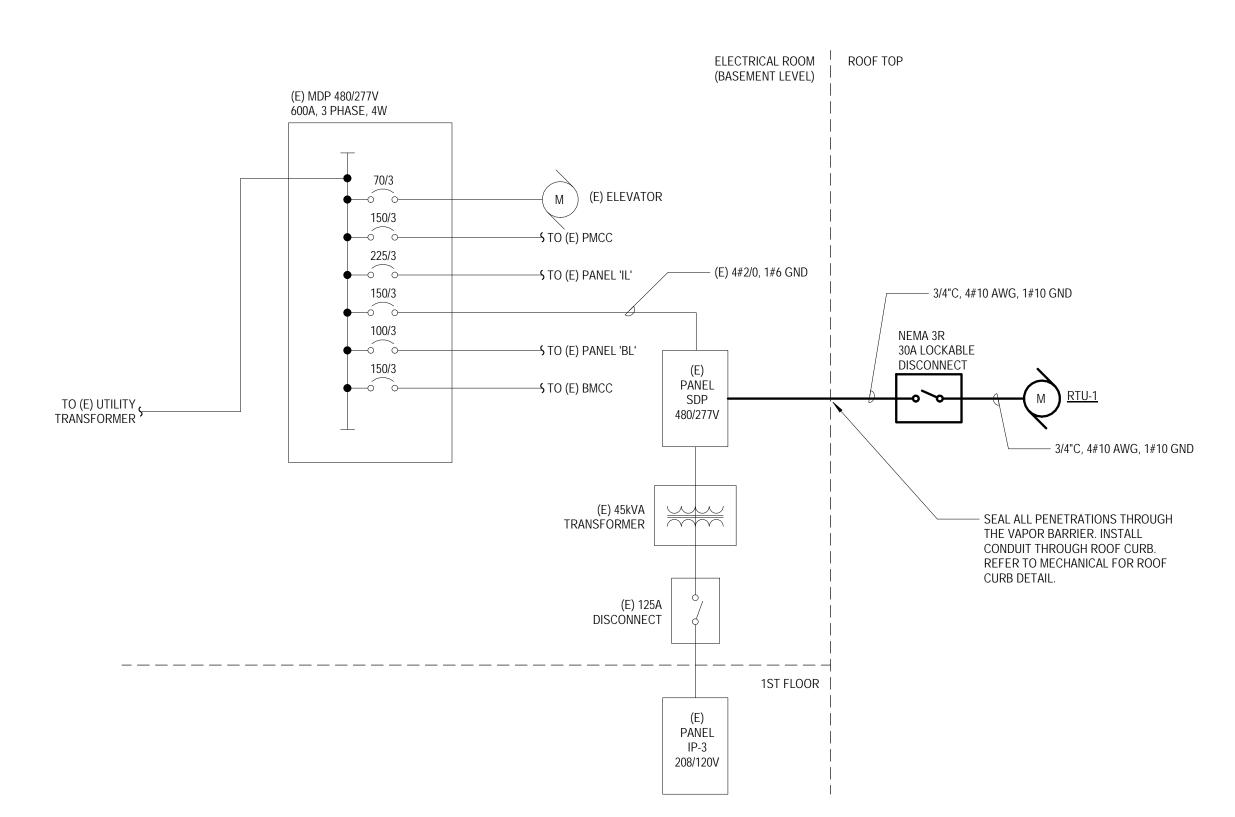
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		SPACE							23	С	24							SPACE		_
		SPACE							25	A	26							SPACE		_
		SPACE							27	В	28							SPACE		
H		SPACE				1			29	C	30							SPACE		_
		SPACE							31	A	32							SPACE		_
H		SPACE							33	В	34							SPACE		\exists
H		SPACE				1			35	С	36							SPACE		_
		SPACE							37	Α	38							SPACE		_
t		SPACE							39	В	40							SPACE		_
t		SPACE							41	C	42							SPACE		
_		0.7.02	TOTAL	71	71 71										47	47	47	TOTAL		_
			TOTAL CONNEC				118			B.	118			C.	118			IOIAL		
			TOTAL CONNEC	1207	O.		110				110			<u> </u>	110					
			CATEGORY (CT)		CONNECTE				-	C DEM			C DEMA			DTES:				
				THIS	PNL FED	IHRU	тот	AL	<u> </u>	ACTO	R	LC	AD (KV	/A)				LOAD AND CIRCUIT BREAKER (NO WORK)		
		LIGHTING								100%), NEW CIRCUIT BREAKER		
		RECEPTAC	LES						50%	OVER 10) KVA				3.	PRO\	√IDE I	HACR TYPE CIRCUIT BREAKER		
		EQUIPMEN	T (CONTINUOUS)							100%										
			T (NON-CONTINÚOUS)							100%										
		MOTORS	Largest Motor 5 HP	1	4		14	4		100%			16							
		NO DIVERS		8	4		84	4		100%			84							
		NOT USED								100%										
			TOTAL KVA	g	8		98	3					100							
_						_														
_						NEO 0	15.2 MIN													

NOTES 1 1 1 1 1 1 1 2	AL	100 A 7 7 7 7	AD (AMPS) B C 10 10 5 7	20 20	1 1 1 1 1	8 WIRE SIZE 12 12 12 12 12 12 12 12	NO 1 3 5 7	BUS A B C		WIRE SIZE 12 12	POLES 1 1	BKR TRIP 20 20	LOA A 10	D (AMF B	PS) C	GRND BUS: EQUIPMENT SHORT CKT: 10 KAIC SCCR CIRCUIT DESCRIPTION RECEPTACLES RM M04-M05	NOTES
1 1 1 1 1 1 1 1	CIRCUIT DESCRIPTION RECEPTACLES RM 121, 122 RECEPTACLES RM 130-133 RECEPTACLES RM 122, 3, 133, 4 RECEPTACLES RM 116, 119 RECEPTACLES RM 119, 120, 130 RECEPTACLES RM 117, 120 RECEPTACLES RM 100, 124, 125, 136 SPACE RECEPTACLE ROOFTOP SPACE SPACE SPACE SPACE SPACE SPACE	7 7	10 10 5 7	20 20 20 20 20 20 20 20 20	1 1 1 1 1	12 12 12 12 12 12	NO 1 3 5 7	A B C	NO 2 4	SIZE 12 12	1	TRIP 20	Α		PS) C	CIRCUIT DESCRIPTION	
1 1 1 1 1 1 1 1	DESCRIPTION RECEPTACLES RM 121, 122 RECEPTACLES RM 130-133 RECEPTACLES RM 122, 3, 133, 4 RECEPTACLES RM 116, 119 RECEPTACLES RM 119, 120, 130 RECEPTACLES RM 117, 120 RECEPTACLES RM 100, 124, 125, 136 SPACE RECEPTACLE ROOFTOP SPACE SPACE SPACE SPACE SPACE	7 7	10 10 5 7	20 20 20 20 20 20 20 20 20	1 1 1 1 1	12 12 12 12 12 12	NO 1 3 5 7	A B C	NO 2 4	SIZE 12 12	1	TRIP 20	Α		Ċ	DESCRIPTION	
1 1 1 1 1 1 1	RECEPTACLES RM 121, 122 RECEPTACLES RM 130-133 RECEPTACLES RM 122, 3, 133, 4 RECEPTACLES RM 116, 119 RECEPTACLES RM 119, 120, 130 RECEPTACLES RM 117, 120 RECEPTACLES RM 100, 124, 125, 136 SPACE RECEPTACLE ROOFTOP SPACE SPACE SPACE SPACE SPACE	7 7	10 10 5 7	20 20 20 20 20 20 20	1 1 1 1 1	12 12 12 12 12	1 3 5 7	В	2	12 12		20	Α		Ċ		1
1 1 1 1 1 1	RECEPTACLES RM 130-133 RECEPTACLES RM 122, 3, 133, 4 RECEPTACLES RM 116, 119 RECEPTACLES RM 119, 120, 130 RECEPTACLES RM 117, 120 RECEPTACLES RM 100, 124, 125, 136 SPACE RECEPTACLE ROOFTOP SPACE SPACE SPACE SPACE SPACE SPACE	7	5 7	20 20 20 20 20 20	1 1 1 1 1	12 12 12 12	3 5 7	В	4	12			10			RECEPTACLES RM M04-M05	1
1 1 1 1	RECEPTACLES RM 122, 3, 133, 4 RECEPTACLES RM 116, 119 RECEPTACLES RM 119, 120, 130 RECEPTACLES RM 117, 120 RECEPTACLES RM 100, 124, 125, 136 SPACE RECEPTACLE ROOFTOP SPACE SPACE SPACE SPACE SPACE SPACE		5 7	20 20 20 20	1 1 1 1	12 12 12	5 7	С			1	20					
1 1 1 1	RECEPTACLES RM 116, 119 RECEPTACLES RM 119, 120, 130 RECEPTACLES RM 117, 120 RECEPTACLES RM 100, 124, 125, 136 SPACE RECEPTACLE ROOFTOP SPACE SPACE SPACE SPACE SPACE SPACE SPACE		5 7	20 20 20	1 1 1	12 12	7		6	40		20		10		RECEPTACLES RM M02-M03	1
1 1 1	RECEPTACLES RM 119, 120, 130 RECEPTACLES RM 117, 120 RECEPTACLES RM 100, 124, 125, 136 SPACE RECEPTACLE ROOFTOP SPACE SPACE SPACE SPACE SPACE SPACE SPACE		7	20	1 1	12	-		U	12	1	20			10	RECEPTACLES RM M06-M08	1
1	RECEPTACLES RM 117, 120 RECEPTACLES RM 100, 124, 125, 136 SPACE RECEPTACLE ROOFTOP SPACE SPACE SPACE SPACE SPACE SPACE SPACE	7	7	20	1			Α	8	12	1	20	10			RECEPTACLES RM M08 WIREMOLD	1
1	RECEPTACLES RM 100, 124, 125, 136 SPACE RECEPTACLE ROOFTOP SPACE SPACE SPACE SPACE SPACE	7					9	В	10	12	1	20		10		SOUTH SIGN	1
	SPACE RECEPTACLE ROOFTOP SPACE SPACE SPACE SPACE SPACE	7	2	20		12	11	С	12	12	1	20			10	EAST SIGN	1
2	RECEPTACLE ROOFTOP SPACE SPACE SPACE SPACE		2		1	12	13	Α	14	12	1	20	6			RECEPTACLES 1ST FLR TRAINING	2
2	SPACE SPACE SPACE SPACE		2				15	В	16	12	1	20		6		RECEPTACLES 1ST FLR TRAINING	2
	SPACE SPACE SPACE			20	1	12	17	С	18	12	1	20			2	RECEPTACLES 1ST FLR TRAINING	2
	SPACE SPACE						19	Α	20	12	1	20	6			RECEPTACLES 2ND FLR OFFICE	2
	SPACE						21	В	22	12	1	20		6		RECEPTACLES 2ND FLR OFFICE	2
							23	С	24	12	1	20			6	RECEPTACLES 2ND FLR OFFICE	2
	SPACE						25	Α	26	12	1	20	8			RECEPTACLES 2ND FLR OFFICE	2
	017.02						27	В	28							SPACE	
	SPACE						29	С	30							SPACE	
	SPACE						31	Α	32							SPACE	
1	SPACE						33	В	34							SPACE	
	SPACE						35	С	36							SPACE	
	SPACE						37	Α	38							SPACE	
	SPACE						39	В	40							SPACE	
	SPACE						41	С	42							SPACE	
1	TO	AL 20	15 18		1			1	"				40	32	28	TOTAL	_
	TOTAL CONN	ECTED A	MPS:	A:	60			B:	47			C:	46		-		
	0.5500000000000000000000000000000000000					• .	NE	C DEM	AND	NE	C DEMA	MD	NOTE	· ·			
	CATEGORY (CT)		CONNECTE S PNL FED				-	FACTO)AD (KV		NOTES:			IG LOAD AND CIRCUIT BREAKER (NO WORK)	
	LIGHTING		2		2	>		100%			2					, NEW CIRCUIT BREAKER	
	RECEPTACLES		16		1		50%	OVER 1			13					, , , _ , , , , , , , , , , , , , , , ,	
						O	0070	100%			.0						
	EQUIPMENT (CONTINUOUS)							100%									
	EQUIPMENT (NON-CONTINUOUS)							100%									
	MOTORS No Motors																
	NO DIVERSITY							100%									
	NOT USED				1			100%			4-						
	TOTAL KVA		18		1	8					15						
				NEC 2	15.2 MII	NIMUN	l I FEED	DER RA	ATING:	44							

EXISTING PANEL SDP IS A SQUARE D NH1B PANELBOARD



PARTIAL ELECTRICAL ONE-LINE DIAGRAM

NOT TO SCALE

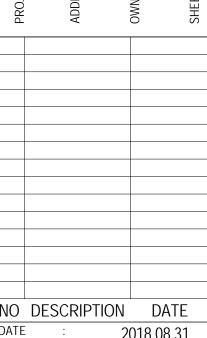
SERVICE CALCULATION 220.87 EXISTING LOADS 12 MONTH PEAK UTILITY DEMAND (ML&P) 169.4 KVA NEC 220.87 DEMAND FACTOR 1.25% 211.8 KVA REMOVED LOADS 72 LIGHT FIXTURES @ 0.06 VA EA 4.3 KVA NET REMOVED LOAD: 4.3 KVA ADDED LOADS 1 ROOF TOP UNIT 14.1 KVA EA 14.1 KVA 41 LED LIGHT FIXTURES 1.5 KVA 1.5 KVA 34 RECEPTACLES @ 0.18 KVA EA 6.1 KVA NET ADDED LOAD: 21.7 KVA 4.3 KVA REMOVED LOAD ADDED LOAD 21.7 KVA TOTAL ADDED LOAD 17.4 KVA TOTAL LOAD CALCULATION TOTAL NEW NEC CALCULATED SERVICE LOAD 229 KVA MINIMUM SERVICE AMPS REQUIRED @ 276 A AVAILABLE SERVICE AMPS @ 600 A THE EXISTING 600A SERVICE IS ADEQUATE FOR THE NEW LOAD *** CODE REFERENCES BASED ON 2014 NEC

ELECTRICAL SERVICE CALCULATION IS BASED ON INCLUSION OF ADD ALTERNATIVE 2, WHICH IS A WORST CASE SCENARIO.





CONSTRUCTION **DOCUMENTS**



NO DESCRIPTION DATE DATE 2018.08.31 PROJECT NO CEI 171996 DRAWN BY ALM LRH

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	LIGHT FIXTURE SCHEDULE													
FIXT.	FIXTURE DESCRIPTION	FIXTURE	FIXTURE	LAMP	FIXTURE	- MANUFACTURERS PART NO.	REMARKS							
ID.	TIATURE DESCRIPTION	VOLTAGE	WATTS	TYPE	MOUNTING	WIANDI ACTURENS PART NO.	KLIWAKKS							
L1	RECESS MOUNTED VOLUMETRIC LED 2' X 4' TROFFER WITH STEEL HOUSING AND ACRYLIC LINEAR PRISMATIC DIFFUSER, DIMMING CONTROL VIA 0-10V	120/277V	45W	5100 LUMEN ARRAY LED, 3500K, 60,000 HOUR LIFE (L 80)	RECESSED	LITHONIA NO. 2BLT4-48L-ADP-GZ10-LP35 OR APPROVED EQUAL.								
L2	RECESS MOUNTED VOLUMETRIC LED 2' X 4' TROFFER WITH STEEL HOUSING AND ACRYLIC LINEAR PRISMATIC DIFFUSER, DIMMING CONTROL VIA 0-10V	120/277V	36W	4,800 LUMEN ARRAY LED, 3500K, 60,000 HOUR LIFE (L 80)	RECESSED	LITHONIA NO. 2BLT4-48LHE-ADP-GZ10-LP35 OR APPROVED EQUAL.								
L3	RECESS MOUNTED VOLUMETRIC LED 2' X 2' TROFFER WITH STEEL HOUSING AND ACRYLIC LINEAR PRISMATIC DIFFUSER, DIMMING CONTROL VIA 0-10V	120/277V	20W	2200 LUMEN ARRAY LED, 3500K, 60,000 HOUR LIFE (L 80)	RECESSED	LITHONIA NO. 2BLT2-20L-ADP-GZ10-LP35 OR APPROVED EQUAL.	ADD ALTERNATIVE 2							
L4	DIRECT WHITE LED CHANDELIER WITH OPAL ACRYLIC LENS AND EXTRUDED ALUMINUM OUTER HOUSING.	120/277V	117W	(1) 5416 LUMEN 5' DIAMETER RING, (1) 3250 LUMEN 3' DIAMETER RING, (1) 2166 LUMEN 2' DIAMETER RING	SUSPENDED	DELRAY NO. UCG-235-S-W35-BDIM-W11	ADD ALTERNATIVE 3							
X1	UNIVERSAL MOUNT GREEN LED EXIT SIGN WITH WHITE THERMOPLASTIC HOUSING AND NICKEL CADMIUM BATTERY WITH SELF DIAGNOSTICS.	120/277V	2W	LED	WALL OR CEILING	LITHONIA NO. LQM-S-W-3-G-120/277-ELN OR APPROVED EQUAL								
B1	UNIVERSAL MOUNT EMERGENCY LIGHTING UNIT WITH INTERNAL BATTERY BACKUP. PROVIDE WITH TWO ADJUSTABLE LAMPS. WHITE THERMOPLASTIC HOUSING.	120/277V	1.5W LED	(2) 1.5W/3.6V LED LAMPS, NICKEL CADMIUM BATTERY	WALL OR CEILING	LITHONIA NO. ELM2-LED OR APPROVED EQUAL	WALL OR CEILING MOUNT PER LIGHTING PLANS							

1. FIXTURE TYPES L1, L2, L3, L4, AND L5 ARE SPECIFIED AS 3500K. CONTRATOR SHALL VERIFY KELVIN TEMPERATURE OF EXISTING FLUORESCENT LIGHTS IN ADJACENT AREA AND PROVIDE COLOR TEMP OF 3500K OR 4000K TO MATCH.





CONSTRUCTION **DOCUMENTS**

NO DESCRIPTION DATE

DATE : 2018.08.31

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