DOUGLAS ISLAND BUILDING RENOVATION
OAH TENANT IMPROVEMENT AND VENTILATION UPGRADE

STATE OF ALASKA
DEPARTMENT OF ADMINISTRATION
Division of General Services
Facilities Section
PO Box 11210
Juneau, AK 99811-0210
Kami Bartness, Project manager
(907) 465-8414

January 13, 2017

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

ARCHITECT

NorthWind Architects, LLC
126 Seward Street
Juneau, AK 99801
(907) 586-6150
Sean Boily, AIA, Principal Architect

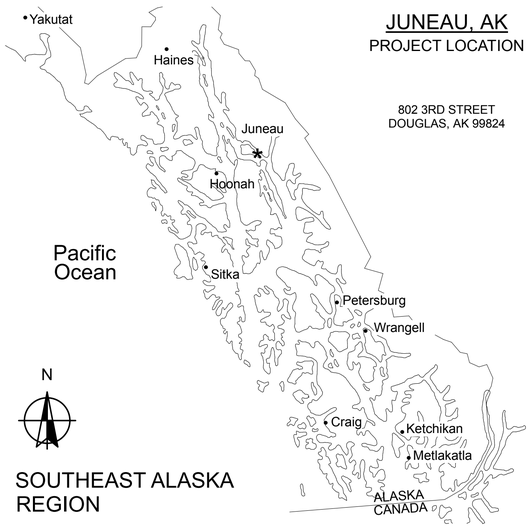
MECHANICAL ENGINEER

PDC/Murray & Associates, Inc.
907 Capitol Avenue
Juneau, AK 99801
(907) 780-6151
Doug Murray, P.E./M.E., Principal

ELECTRICAL ENGINEER

Haight & Associates, Inc.
526 Main Street
Juneau, AK 99801
(907) 586-9788
Ben Haight, E.E., Principal

LOCATION MAP



SOUTHEAST ALASKA REGION

JUNEAU, AK
PROJECT LOCATION

802 3RD STREET
DOUGLAS, AK 99824

APPLICABLE CODES

INTERNATIONAL BUILDING CODE 2009 EDITION (I.B.C.)
INTERNATIONAL EXISTING BUILDING CODE 2009 EDITION (I.B.C.)
ALL CODES REFERENCED ARE TO BE USED AS AMENDED BY THE STATE OF ALASKA AND THE CITY AND BOROUGH OF JUNEAU. SEE CODE SUMMARY SHEET G0.2.

SCOPE OF WORK SUMMARY

THE DOUGLAS ISLAND BUILDING IS A TWO STORY OFFICE BUILDING COMPRISED OF TWO FULL FLOORS OF APPROXIMATELY 20,600 SQUARE FEET EACH, SERVED WITH AT-GRADE ACCESS TO BOTH LEVELS AND A CENTRALIZED ELEVATOR. THE BUILDING IS NATURALLY VENTILATED AND IS HEATED WITH AN OIL-FIRED BOILER LOCATED IN A 1330 SF BASEMENT. COMPREHENSIVE BUILDING RENOVATION WAS COMPLETED IN 2015.

THE TENANT IMPROVEMENT AND MECHANICAL UPGRADES OF THIS PROJECT ACCOMPLISH TWO TASKS:

1) BUILD OUT OFFICE SPACES FOR THE STATE OF ALASKA TENANT AGENCY, INCLUDING WALLS, DOOR AND FINISHES FOR APPROXIMATELY 1265 SQUARE FEET OF SPACE. IMPROVEMENTS AFFECT BOTH HEATING/COOLING AND VENTILATION, AND ELECTRICAL/DATA COMPONENTS, WHICH SHALL BE BID BASED ON DESIGN REQUIREMENTS PROVIDED HEREIN.

2) PROVIDE COOLING TO VENTILATION AIR IN LAND-LOCKED OFFICE SPACES SPACES NOT SERVED BY OPPERABLE EXTERIOR WINDOWS). A PERFORMANCE SPECIFICATIONS PROVIDED HEREIN AND THE MECHANICAL AND ELECTRICAL COMPONENTS WILL BE DESIGNED AND CONSTRUCTED BY THE CONTRACTOR IN ACCORDANCE WITH THE REQUIREMENTS.

THE CONSTRUCTION SHALL BE COMPLETED IN A SINGLE CONSTRUCTION PHASE.

NO HAZARDOUS MATERIALS ARE ANTICIPATED WITHIN THE WORK SCOPE.

SHEET INDEX

STATE OF ALASKA
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DOUGLAS ISLAND BUILDING
OAH TENANT IMPROVEMENT

STATE OF ALASKA
49 TH
Sean M. Boily
A-9947
1-13-17
REGISTERED PROFESSIONAL ARCHITECT

NorthWind Architects, LLC
www.NorthWindArch.com
126 Seward Street
Juneau, AK, 99801

1" ACTUAL

IF THE ABOVE DIMENSION DOES NOT MEASURE ONE INCH (1") EXACTLY, THIS DRAWING WILL HAVE BEEN ENLARGED OR REDUCED, AFFECTING ALL LABELED SCALES.

DRAWN BY: SB, RE

G0.0

TITLE SHEET/
GENERAL INFO

PROJECT DESIGNATION NUMBER	
2017-0222-3531	
STATE	YEAR
ALASKA	2017

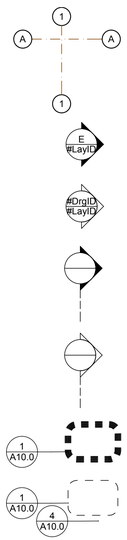
NWA-1148.54 Douglas Island Building Renovation

ARCHITECTURAL ABBREVIATIONS

&	and
@	at
≈	approximately
=	equal
-	minus
d	penny
+	plus
#	pound or number
AB	air barrier
ACT	acoustical ceiling tile
ADA	Americans With Disibilities act complient item, object, condition.
ADJ	adjacent
ADJST	adjustable
AESS	Architectural Exposed Structural Steel
AFF	above finished floor
AG	acoustical glass
AGG	aggregate
ALT	alternate
ALU	aluminum
ALUM	aluminum
ANG	angle
AP	Art Panel, item
APPROX	approximate
ARCH	architectural
BD	board
BLDG	building
BLK	block
BM	beam
B.O.	bottom of
B.O.D.	bottom of decking
BOF	bottom of footing
BOT	bottom
BR	backing rod (foam, typ)
BRK	bracket
BSBD	baseboard
BSMT	basement
BTWN	between
BUR	built-up roof
CBB	cementitious backer board
CBU	cementitious backier unit
CEM	cement
CF	cubic foot
CFCI	contractor furnish/ contractor install
CG	corner guard
CMP	Composite Metal Panel
CUH	cabinet unit heater
CI	cast iron
CLDG	cladding
CLG	ceiling
CLO	closet
CLR	clear
CLRF	clear finish
CO	clean out
COL	column
COMP	comp
CONC	concrete
CONST	construction
CONT	continuous
CORR	corridor
CPG	coping
CPT	carpet (broadloom)
CPTT	carpet tile
CT	ceramic tile
CTR	center
CTRSK	counter-sink
CY	cubic yard
CWSF	curtain wall, storefronts, and entrances
D	deep, depth
DBL	double
DC	decorative head (screw)
DCT	diaper changing table
DEMO	demolish, demolition
DEPT	department
DET	detail
DF	drinking fountain
DIA	diameter
DIM	dimension
DISP	disposal
DN	down
DP	dampproof(ing)
DR	door
DW	dishwasher
DWG	drawing
DWR	downspout
E	east
(E)	existing
EA	each
EF	exhaust fan
EG	entry grate
EIFS	exterior insulation and finish system
EJ	expansion joint
EL	elevation
ELEC	electrical
EM	entry mat
EMER	emergency
EPS	exterior paint system
EQ	equal
EXIST	existing
EXP	exposed
EXT	exterior
F	factory
FA	fire alarm
FAB	fabricate
FD	floor drain
FDN	foundation
FE	fire extinguisher
FEC	fire extinguisher cabinet
FH	flat head (screw)
FIN	finish
FLASH	flashing
FLR	floor
F.O.	face of
FOC	face of concrete
FOF	face of finish
FOS	face of studs
FP	fireproof
FRM	Frame
FRMG	framing
FRP	fiberglass reinforced plastic
FR or FRT	fire retardant treated
FS	full size
FSTP	firestop/firestopping
FT	foot, feet
FTG	footing
FURR	furring
FUT	future
GA	gauge
GALV	galvanized
GB	grab bar
GEN	general
GALV	galvanized steel
GL	glass
GMMU	glass mesh mortar unit
GMU	glazed masonry unit
GND	ground
GRD	grade
GSKT	gasket
GT	Glass Tile
GTT	Gradiated Glass Tile
GWB	gypsum wall board
GYP	gypsum
HB	hose bibb
HCWC	accessible water closet
HDR	header
HDWD	hardwood
HDWE	hardware
HM	hollow metal
HMT	hollow metal thermal break
HORIZ	horizontal
HR	hour
HT	height
HTG	heating
HTR	heater
HVC	heating/ventilation/ cooling
HWH	hot water heater
ID	inside diameter
IG	insulated glass
IGU	insulated glazing unit
IHM	insulated hollow metal
INCL	include
INSUL	insulation
INT	interior
IPS	interior paint system
JAN	janitor
JST	joist
JT	joint
L	length, long
LAV	lavatory
LAB	laboratory
LAM	laminate
LCT	linoleum composition tile
LGF	light gauge metal framing
LINS	linoleum sheet
LINT	linoleum tile
LP	laminate panel
LCB	liquid chalkboard
LH	left hand
LKR	locker
LT	light
M&E	mechanical and electrical
MAX	maximum
MB	mop bracket
MECH	mechanical
MEMB	membrane
MFR	manufacturer
MIL	millimeter
MIN	minimum
MIR	mirror
MR	moisture resistant
MTD	mounted
MTL	metal
MUL	mullion
N	north
(N)	new
N/A	not applicable
NIC	not in contract
NO or #	number
NTS	not to scale
OC	on center
OD	outside diameter
OFCI	owner furnish/ contractor install
OFOI	owner furnish/ owner install
OH	overhead
OPNG	opening
OPP	opposite
P	paint
PCT	porcelain tile
PERF	perforated
PH	pan head (screw)
PL	property line
PLAM	plastic laminate
PLAS	plaster
PLUM	plumb, plumbing
PLYWD	plywood
PNT	painted, paint
PR	pair
PREFAB	prefabricated
PREFIN	prefinish(ed)
PSF	pounds per square foot
PSI	pounds per square inch
PT	preservative/ pressure tread
PTD	paper towel dispenser
PTDR	paper towel dispenser & receptacle
PTN	partition
PTR	paper towel receptacle
R	riser
RB	resilient/rubber base
RCP	reflected ceiling plan
RD	roof drain
REBAR	reinforcing bar
REF	reference
REFL	reflected
REINF	reinforc(ed)(ing)
REQD	required
RESIL	resilient
RFEC	recessed fired extinguisher cabinet
RF	rubber flooring
RH	robe hook, right hand
RM	room
RO	rough opening
RP	radiant ceiling panel
RWR	recessed waste receptacle
S	south
(S)	salvage
SC	solid core
SCHED	schedule
SD	soap dispenser
SECT	section
SF	sports flooring
SH	shelf (toilet & bath accessory)
SHT	sheet
SHTG	sheeting
SHWR	shower
SIG	solar insulating glass
SIM	similar
SLR	sealer
SNR	sanitary naplin receptacle
ST	stain
SPEC	specification
SQ	square
SR	slip resistant
SS	stainless steel
STD	standard
STL	steel
STOR	storage
STRUCT	structural
SUSP	suspended
SYM	symmetrical
SV	sheet vinyl
T	tread
TB	thermal break
TBB	thermally broken bracket
TEL	telephone
TEMP	temporary
TG	tempered glass
T&G	tongue and groove
THK	thick
THRU	through
T.O.	top of
TOB	top of beam
TOC	top of concrete, top of curb
TOP	top of pavement, top of plate
TOS	top of steel
TOW	top of wall
TRTD	preservative treated
TS	tube steel
TSPN	transparent
TTD	toilet tissue dispenser
TV	television
TYP	typical
UL	Underwriters Laboratories, Inc.
UNFIN	unfinished
UNO	unless noted otherwise
VAT	vinyl asbestos tile
VB	vapor barrier
VCT	vinyl composition tile
VC	vinyl covered
VERT	vertical
VEST	vestibule
VTR	vent through roof
VR	vapor retarder
W	west, wide, width
W/	with
WC	water closet
WCV	wall covering
W/D	washer/dryer
WD	wood
WDG	wood grille
WDW	window
WG	wire glass
WH	wall hung
W/O	without
WOM	walk-off mat/carpet
WP	at int: wall panel
WP	at ext: water proof
WPM	waterproof membrane
WR	water resistant
WRB	water resistant barrier
WS	wood slat accoustic ceiling
WSCT	wainscot
WT	weight
WWF	welded wire fabric

SEE TECHNICAL SPECIFICATIONS, DOOR AND FINISH SCHEDULES FOR ADDITIONAL UNIQUE ABBREVIATIONS. ABBREVIATIONS SPECIFIC TO THOSE ELEMENTS OF THE CONTRACT DOCUMENTS SUPERSEDE ABBREVIATIONS LISTED HERE.

ARCHITECTURAL SYMBOLS



GRID

PRIMARY ELEVATION VIEWS

SECONDARY ELEVATION VIEWS (BLIND CORNERS)

BUILDING SECTION CUT

WALL SECTION CUT or DETAIL CUT

ENLARGED PLAN

DETAIL

INTERIOR ELEVATION

WINDOW TAG

DOOR TAG

KEY NOTES

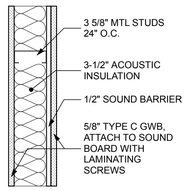
WALL TYPE TAG

ADDITIVE ALTERNATE TAG - REFER TO COVERSHEET FOR NOTES.

GENERAL NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR THE FABRICATION AND INSTALLATION OF ALL MATERIALS AND EQUIPMENT IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE (IBC 2009 EDITION) AND ALL ITS RELATED DOCUMENTS AND AMENDMENTS. ALL MATERIALS SHALL BE STORED, HANDLED, AND INSTALLED PER MANUFACTURERS' OR MATERIAL ASSOCIATIONS' INSTRUCTIONS AND RECOMMENDATIONS.
2. THE CONTRACTOR SHALL COORDINATE AND VERIFY ALL CONDITIONS AFFECTING THE PROJECT SCOPE OF WORK, AND WILL NOTIFY THE OWNER OF ANY DISCREPANCIES, AND/OR VARYING CONDITIONS. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION RELATED ACTIVITIES WITH THE OWNER PRIOR TO EXECUTING ANY WORK OF THIS CONTRACT.
3. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO THE PROCUREMENT, FABRICATION AND INSTALLATION OF ANY MATERIALS.
4. CONTRACTOR SHALL PROTECT ALL WORK AREAS FROM DAMAGE DUE TO CONSTRUCTION, RELATED WORK, AND WEATHER. DAMAGED AREAS WILL BE RESTORED TO THEIR ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.
5. ALL ARCHITECTURAL ELEVATIONS ARE BASED FROM REFERENCE DATUM ELEVATION OF 0'-0" FROM TOP OF CONCRETE ON THE GROUND LEVEL. THE ARCHITECTURAL BASE ELEVATION OF 0'-0" CORRESPONDS TO ELEVATION 38.41' ON THE CIVIL DRAWINGS. BASED ON FIELD MEASUREMENTS THE PRIMARY ELEVATIONS ARE AS FOLLOWS:
   - GROUND FLOOR = 0'-0"
   - BASEMENT/BOILER ROOM = -13'-9"
   - FIRST FLOOR = 11'-2"
6. CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF ALL ROOF, CEILING, AND FLOOR MOUNTED CONSTRUCTION RIGGING. AVOID STACKING ANY CONCENTRATED LOADS ON THE EXISTING ROOF, FLOOR, AND STAIR/LANDING STRUCTURES. CONTRACTOR WILL BE RESPONSIBLE FOR ALL TEMPORARY SHORING AND ANY TEMPORARY WORK OPENINGS IN THE BUILDING ENVELOPE. ALL OPENINGS WILL BE REPAIRED WITH MATERIALS AND ASSEMBLIES TO MATCH EXISTING.
7. UTILITIES: OWNER WILL FURNISH ELECTRICAL POWER (120V AND 220V) FOR EQUIPMENT AND LIGHTING. CONTRACTOR IS REQUIRED TO FURNISH ALL TEMPORARY ACCESS TO CONSTRUCTION LIGHTING. CONTRACTOR SHALL NOT USE OWNER PROVIDED ELECTRICITY FOR TEMPORARY HEAT. CONTRACTOR SHALL PROVIDE AND MAINTAIN SEPARATE TOILET FACILITIES DURING CONSTRUCTION.
8. USE OF THE SITE: THIS IS AN OCCUPIED AND OPERATIONAL FACILITY, AND SHALL REMAIN SO FOR THE DURATION OF THE PROJECT. THE BULK OF THE WORK IS IN AN UNOCCUPIED SPACE, BUT SOME VENTILATION AND ELECTRICAL SHALL PASS THROUGH OCCUPIED SPACE. CONTRACTOR'S PRIMARY ACCESS POINT WILL BE FROM THE STAIRWELL AT THE WEST END OF THE WING. CONTRACTOR WILL BE RESPONSIBLE FOR CONSTRUCTION SITE SECURITY AND ASSISTING THE OWNER IN MAINTAINING BUILDING SECURITY THROUGH THE DURATION OF CONSTRUCTION. CONTRACTOR WILL HAVE LIMITED USE OF THE THE SITE AND FACILITY PARKING AREAS DURING THE CONSTRUCTION PERIOD, SPACES TO BE COORDINATED WITH OWNER. ON-SITE OUTDOOR STORAGE OF MATERIALS AND EQUIPMENT SHALL BE COORDINATED WITH THE OWNER.
9. INSPECTION: THE CONTRACTOR IS TO NOTIFY OWNER OF DAMAGED MATERIALS OBSERVED DURING CONSTRUCTION. REPLACE DAMAGED MATERIALS AS DIRECTED AND AUTHORIZED BY THE OWNER. WORK OUTSIDE THE SCOPE OF THIS CONTRACT SHALL, ON THE AUTHORIZATION OF THE OWNER, BE REPLACED AT ADDITIONAL NEGOTIATED COST TO THE CONTRACT.
10. REMOVE OR SALVAGE ALL ACCESSORIES, LIGHTING, DEVICES AND EQUIPMENT PRIOR TO PROCEEDING WITH THE WORK. REINSTALL ALL ITEMS IDENTIFIED FOR SALVAGE AND REUSE AFTER COMPLETION OF THE WORK, UNLESS OTHERWISE NOTED OR DIRECTED BY OWNER.
11. WHERE PIPE OR CONDUIT ARE IDENTIFIED FOR REMOVAL UP TO REMAINING, ENDS ARE TO BE CUT BACK BEHIND FACE OF FINISH, CAPPED OR SEALED, AND FINISH EXTENDED ACROSS PENETRATION.
12. IF REQUIRED TO EXECUTE THE WORK, CONTRACTOR TO CAREFULLY REMOVE, STORE, AND REINSTALL WALL, ROOF, AND FLOOR MOUNTED MECHANICAL, ELECTRICAL, AND ARCHITECTURAL ITEMS NOT SPECIFICALLY SCHEDULED OR NOTED FOR REMOVAL. THIS INCLUDES CONDUIT, DUCTWORK, LIGHTING, HEAT TRACE, SCUPPERS AND DOWNSPOUTS, PLUMBING FIXTURES AND INSTALLED FURNISHINGS. WHERE SURFACE MOUNTED CONDUIT OR RACEWAY IS REMOVED TO FACILITATE WALL RECONSTRUCTION, NEW CONDUIT IS TO BE INSTALLED IN OPENED WALL AND CEILING CAVITIES TO SERVE REINSTALLED ITEMS.
13. THE CONTRACTOR SHALL ENSURE COORDINATION AND CONTINUITY BETWEEN TRADES, AND SHALL CONFIRM ALL CONDITIONS NECESSARY TO PROCEED WITH ANY COMPONENT OF THE WORK, INCLUDING PREPARATION OF ANY NEW OR EXISTING MATERIAL SUBSTRATE OR SURFACE TO RECEIVE FINISHES AND/OR EQUIPMENT.
14. ALL ITEMS IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS ARE NEW AND TO BE PROVIDED AS A PART OF THIS CONTRACT, UNLESS OTHERWISE NOTED.
15. ALL EXPOSED PIPE, CONDUIT, AND DUCTING IS TO BE PAINTED TO MATCH SURROUNDING FINISHES, UNLESS OTHERWISE NOTED.
16. PLACEMENT OF ROOF MOUNTED MECHANICAL EQUIPMENT IS COORDINATED WITH HORIZONTAL AND VERTICAL LOAD CARRYING ELEMENT OF THE BUILDING STRUCTURE. THE EQUIPMENT IS RELATIVELY LIGHT IN WEIGHT AND IS NOT ANTICIPATED TO IMPOSE UNDUE STRESSES ON THE EXISTING STRUCTURE. HOWEVER, IF THEY CONTRACTOR CHOOSES ALTERNATIVE LOCATIONS, STRUCTURAL ANALYSIS WILL NEED TO BE PROVIDE AS A PART OF THE DESIGN CHANGE PROPOSAL, AT NO ADDITIONAL COST TO THE OWNER.
17. DRAWING SCALE: THIS SET OF DRAWINGS HAS BEEN PRODUCED WITH SCALE INDICATORS AND BARS TO PRINT FULL SIZE 22"X34" SHEET SETS. FOR THE PURPOSE OF CLARITY, 22"X34" DRAWING SETS WILL BE IDENTIFIED AS "FULL-SIZE" SETS, AND 11"X17" DRAWING SETS WILL BE REFERRED TO AS "HALF-SIZE" SETS. FOR THE PURPOSE OF ACCURACY, VERIFY ALL MEASURED DIMENSIONS WITH SCALE BARS PROVIDED FOR AND THE SCALE VERIFICATION BAR IN THE ARCHITECTURAL TITLE BLOCK.

WALL TYPES SCHEDULE

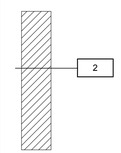


Type 1 EXTEND TO 6" ABOVE HIGHEST ELEVATION OF CEILING

Type 1A
FULL HEIGHT TO STRUCTURE, ACCOUSTIC AND AIR SEAL ALL PENETRATIONS AND PERIMETERS

SOUND: STC 55
WHERE REQUIRED 1-HR, U-433, SIM.

WALL TYPES NOTES:
1. WALL TYPES ARE CALLED OUT ON THE ENLARGED FLOOR PLANS. TYP. UN-TAGGED (N) WALL IS TYPE 1, UON.
2. SEE FINISH SCHEDULE FOR WALL FINISHES, THAT MAY VARY FROM 5/8" GWB PAINTED AS SHOWN ON THIS SHEET
3. TYPE 1A WALL ASSEMBLY TO EXTEND ABOVE EXISTING CEILING FINISH TO UNDERSIDE OF DECK, TYP. PROVIDE DEFLECTION CHANNEL OR TRACK AT WALL TOP. EXTEND GWB FROM FLOOR DECK TO CEILING DECK. APPLY ACOUSTICAL SEALANT AT ALL JOINTS, EDGES, PENETRATION, AT UNDERSIDE OF SILL PLATE AND UPPER SIDE OF TOP PLATE.
5. PROVIDE SHEETMETAL OR PLYWOOD BACKING WHERE EQUIPMENT, ACCESSORIES, AND FIXTURES ARE TO BE INSTALLED FOR FIRM ANCHORAGE AND SECURE INSTALLATION.
6. EXISTING WALL STUD SIZE, TYPE AND SHEATHING VARY. MATCH EXISTING WALL THICKNESS WHERE INFILLING WALLS (MAINTAIN ALL EXISTING FIRE AND ACOUSTIC SEPARATIONS).
7. COORDINATE WALL WIDTHS/THICKNESSES W/MECHANICAL EQUIPMENT & SUPPORT REQ'TS.



WALL TYPE KEY

January 13, 2017

ADDENDUM NUMBER

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1" ACTUAL

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DRAWN BY: SB, RE

G0.1

GENERAL INFO/ WALL TYPES

PROJECT DESIGNATION NUMBER	
2017-0222-3531	
STATE	YEAR
ALASKA	2017

NWA-1148.54 Douglas Island Building Renovation

FACILITY INFORMATION

Douglas Island Building
802 3rd Street
Douglas/Juneau, Alaska

Contact: Kami Bartness, Project Manager
State of Alaska Department of Administration, Division of General Services, Facilities
Phone 907.465-8414

Gross Area: 41,000 GSF split evenly on two floors, does not include Boiler room in Basement (approximately 1,000 sf),
Area of TI and Repair (2,178 sf)
The plan areas in square footage expressed in this document are based on information provided by the Owner. The elevation areas in square footage are interpolated by the Architect, and must be verified by Contractor.

INTERNATIONAL BUILDING CODE DATA (2009 Edition)

OCCUPANCY CLASSIFICATION(S): **B** All meeting rooms have an occupant load of less than 50, and are therefore not classifies as A occupancy per 303.1, exception 1

TYPE OF CONSTRUCTION: **Type VB.** Primary structure is non-combustible steel and concrete. Table 601 does not require fire rated structure or exterior walls. Table 602 does require 1 hour construction at exterior walls due to buildings proximity to property lines.

LOCATION OF PROPERTY (SETBACK FROM PROPERTY LINE)
Note: this is an irregular building on an irregular site, and offset distance will vary. The building has street frontage on two sides. Proposing to maintain current fire resistant construct on assemblies on segments of wall abutting adjacent properties, and none on walls facing roadways and open areas of site.

North: 0'-4" to adjacent property line at worst case, greater than 20' elsewhere.
East: 0'-2" at closest point (street frontage separation, 30' minimum clear)
South: 0'-7" at closest point (street frontage separation, 30' minimum)
West: 2'-6" to adjacent property line at worst case, greater than 20' elsewhere.

FIRE RESISTANCE OF EXTERIOR WALLS
Where provided, one hour (see diagram for locations.)

FLOOR AREA
Base Allowed: Per IBC Table 503, B occupancy in Type VB construction may be 2 story and 9,000 sf per floor.

Building Area Modification: With a sprinkler system the height may be increased by 1 story per section 504.2, and the area increased by 200% per floor, per section 506.3. With street frontage, area may be increased per floor proportionate to frontage as follows, per 506.1:

Frontage calculation:
If = [F/P-0.25]W/30
F = Frontage on public right of way or clear area <20' = 795'
P = Building perimeter = 927.66'
W = average width of public way >20' but equal to or less than 30' = 30'
Lf = [795/927.66 - 0.25] 30/30 = 0.61

Building Area Modification:
Aa = {At+[At x If] + [At x Is]}
Aa = Allowable building area per story
At = Tabular building area per story per Table 503
If = Area increase factor due to frontage (calculated above)
Is = Area increase factor due to sprinkler
Aa = {9000+[9000 x .61] + [9000 x 2]}
Aa = 32,490 sf per floor

Actual area is 20,400 sf per floor X2 floors, + 1330 sf mechanical room basement
Total = 42,130 gsf.

HEIGHT/STORIES

Provided	Allowed
2	3

AREA SEPARATIONS
None Required. No horizontal separation between floors required.

MIXED OCCUPANCY
Not Calculated - existing single use/occupancy building, no addition or change in occupancy.

TRAVEL DISTNANCE
300' permitted in this occupancy with fire protection system. No point in buildng has a travel distance, combined horizontal and vertical, greaater than 300' from exit to the public way, per Table 1016.1.

SPECIAL HAZARDS
a. Labs, shops, and similar areas separated by one hour occupancy separations
☐ Provided ■ Not Provided (sprinkler exception)

b. Labs in excess of 200 square feet provided with two exits
■ Provided ☐ Not Provided

c. Distance to exits in labs
Provide 45' Allowed 75' Maximum

d. Exterior openings in boiler rooms
Protected ■Yes ☐ No

e. Boiler Room separated by one hour occupancy separation
■ Provided ☐ Not Provided

INTERNATIONAL BUILDING CODE DATA (2009 Edition)

FIRE ALARM REQUIRED
■ Provided ☐ Not Provided

OCCUPANCY SEPARATIONS
None RequiredAREA SEPARATIONS
None Required

FIRE RESISTIVE REQUIREMENT (For various occupancies)

a. Group B - Type VB	Required		Provided	
Exterior Bearing Walls	0	Hour	0	Hour
Interior Bearing Walls	0	Hour	0	Hour
Exterior None Bearing Walls	0	Hour	0	Hour
Structural Frame	0	Hour	0	Hour
Permanent Partitions	0	Hour	0	Hour
Shaft Enclosures	0	Hour	0	Hour
Floors & Ceiling/Floors	0	Hour	0	Hour
Exterior Doors & Windows	0	Hour	0	Hour
Stairway Construction	0	Hour	0	Hour

DOORS
All doors indicaed shall be replaced. New doors will have ratings as required. All doors not meeting ADA requirements for width and clearance shall be replaced with wider doors as required.

DRAFT STOPS
■ Provided ☐ Not Provided
Will maintain those in existing building.

FIRE STOPS
☐ Provided ■ Not Provided
Will maintain those in existing building.

EXITS (FROM BUILDING)
Number: 6 exits directly to exterior provided.

EXITS (GENERAL)
All spaces appear to be sufficiently served by existing exit doors.

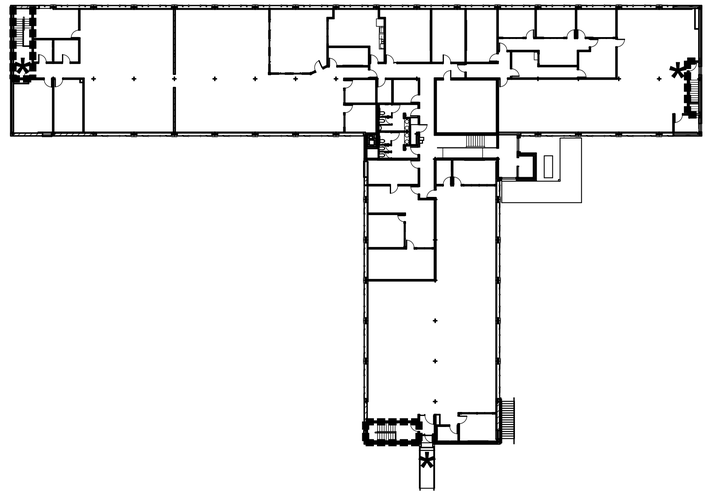
PLUMBING FIXTURES

a. Water Closet:	Existing :	11	Provided:	11
b. Lavatory:	Existing :	9	Provided:	9
c. Urinal	Existing :	2	Provided:	2
d. Drinking Fountain:	Existing :	2	Provided:	2

STAGES AND PLATFORMS
None

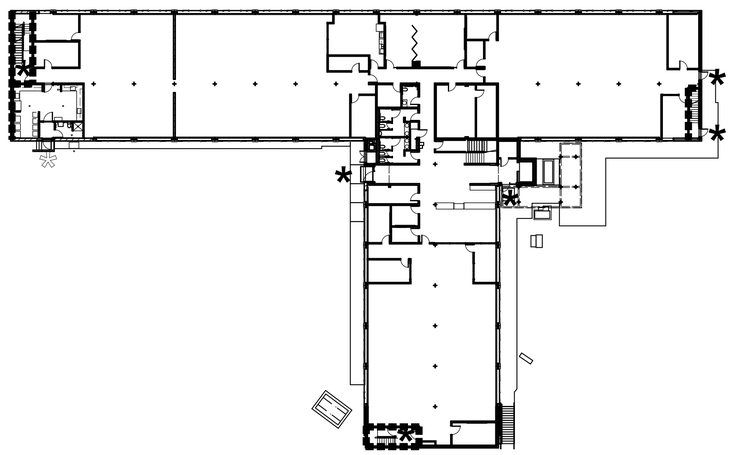
FIRE EXTINGUISHERS
To be provided new in renovated facility.

AUTOMATIC FIRE SUPPRESSION SYSTEM
■ Required (for area calculation) ☐ Not Required
■ Provided ☐ Not Provided



FIRST FLOOR CODE PLAN
SCALE: 1" = 30'

CODE PLAN LEGEND
■■■ 1 HR. FIRE SEPARATION TO BE MAINTAINED WITH ALL WORK RELATED IN THIS PROJECT.
✱ PRIMARY EGRESS POINT
✱ LEADS TO PRIMARY EGRESS POINT
✱ SECONDARY EGRESS POINT



GROUND FLOOR CODE PLAN
SCALE: 1" = 30'

NORTH PLAN NORTH

January 13, 2017

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Facilities Section
PO Box 111210
Juneau, AK 99811-0210

DOUGLAS ISLAND BUILDING
OAH TENANT IMPROVEMENT

STATE OF ALASKA 49 TH
Sean M. Boily
A-9947
1-13-17
REGISTERED PROFESSIONAL ARCHITECT

NorthWind Architects, LLC
www.NorthWindArch.com
126 Seward Street
Juneau, AK, 99801

1" ACTUAL

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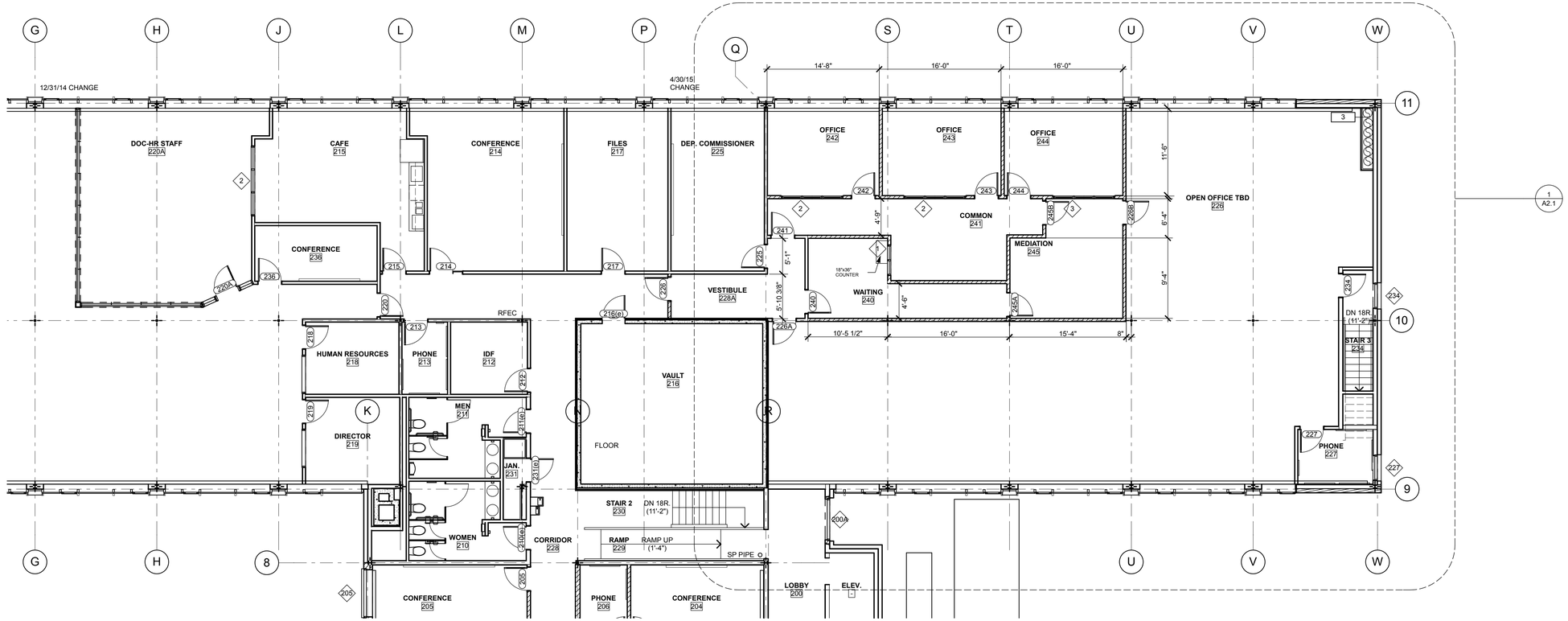
G0.2

CODE PLANS

PROJECT DESIGNATION NUMBER
2017-0222-3531

STATE	YEAR
ALASKA	2017

NWA-1148.54 Douglas Island Building Renovation



1 FIRST FLOOR PLAN (1/8")

SCALE: 1/8" = 1'-0"

0 4' 8' 16'

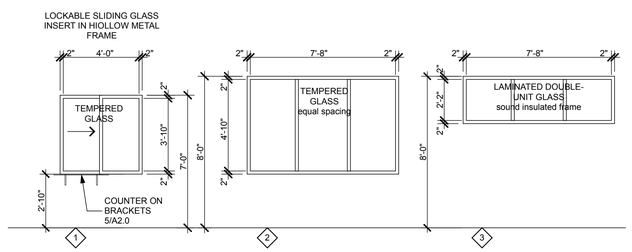
DOOR AND FRAME SCHEDULE

Position	Mark	QTY	Renovation Status	Size W	Size HT	FIRE	DR MTRL	DR FIN	DR Type	FRM	FRM FIN	FRM Type	ACCESS CONTROL	Detail Head	Detail Jamb	Detail Sill	Hardware Set	NOTES
Interior																		
	226A	1	New	3'-0"	6'-8"		WD	PREFIN	A	HM	PNT	1	YES	4/A2.0	4/A2.0		8	
	226B	1	New	3'-0"	6'-8"		WD	PREFIN	A	HM	PNT	1		4/A2.0	4/A2.0		12	
	240	1	Existing	3'-0"	6'-8"		WD	PREFIN		HM	PNT	1	YES	4/A2.0	4/A2.0		8	REINSTALL (E) DOOR AND HARDWARE
	241	1	New	3'-0"	6'-8"		WD	PREFIN	A	HM	PNT	1	YES	4/A2.0	4/A2.0		7	
	242	1	New	3'-0"	6'-8"		WD	PREFIN	A	HM	PNT	1		4/A2.0	4/A2.0		12	
	243	1	New	3'-0"	6'-8"		WD	PREFIN	A	HM	PNT	1		4/A2.0	4/A2.0		12	
	244	1	New	3'-0"	6'-8"		WD	PREFIN	B	HM	PNT	1		4/A2.0	4/A2.0		12	
	245A	1	New	3'-0"	6'-8"		WD	PREFIN	B	HM	PNT	1	YES	4/A2.0	4/A2.0		7	(N) MAG HOLDER
	245B	1	New	3'-0"	6'-8"		WD	PREFIN	A	HM	PNT	1	YES	4/A2.0	4/A2.0		7	

FLOOR PLAN NOTES

1. COORDINATION OF BLOCKING FOR WALL ELEMENTS BY OWNER
2. FINISHES:
   - FLOORS: CARPET WITH RUBBER BASE AND TRANSITIONS.
   - WALLS: GYPSUM WALL BOARD, PAINTED.
   - CEILINGS: ACT, TYPICAL, WITH NOTED GYPSUM BOARD SOFFITS, PAINTED.

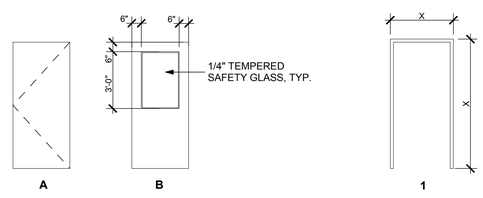
   ALL FINISHES REPLACED OR PROVIDED ARE TO MATCH THOSE IN NEWLY RENOVATED DOUGLAS ISLAND BUILDING.
3. AT ALL WALL LOCATIONS REMOVE CARPET FOR BOTTOM STUD TRACK. PROTECT EXISTING CARPET FOR CONTINUED USE WHERE POSSIBLE.
4. AT ALL ROOMS, PROVIDE NEW RUBBER BASE TO MATCH EXISTING USED IN FACILITY.
5. ALL NEW WALLS TO BE ACOUSTIC ASSEMBLY COMPRISED OF ACOUSTIC BATT FILLED 3-5/8" METAL STUD WALLS WITH 1/2" SOUND BARRIER BOARD ON SIDE, AND AND 5/8" GYPSUM WALL BOARD TYPE C ON BOTH SIDES, EXTENDED FROM FLOOR THROUGH CEILING GRID TO UNDERSIDE OF STRUCTURAL DECKING ABOVE. THIS WILL REQUIRE COPIN AROUND OPEN WEB JOISTS THAT ARE APPROXIMATELY 24" ON CENTER, SPANNING BETWEENE THE NUMBERED GRIDS, ABOVE SUSPENDED CEILING. EXPECTED STC 55. PROVIDE DEFLECTION TRACKS, AND SEAL ALL PERIMETERS AND PENETRATIONS. DOORS TO BE STC 50 WITH SILICONE SOUND/SMOKE SEALS AND ACOUSTICALLY INSULATED HOLLOW METAL FRAMES.
6. PATCH EXISTING WALLS, CEILINGS AND FLOORS AT EXISTING CONSTRUCTION
7. PROVIDE NEW 4'X6' WHITEBOARD AT ROOM 245
8. COORDINATE ALL DOOR HARDWARE, ACCESS CONTROL, AND KEYING WITH HARDWARE PROVIDED IN NEWLY RENOVATED DOUGLAS ISLAND BUILDING.



3 INTERIOR WINDOW TYPE

SCALE: 1/4" = 1'-0"

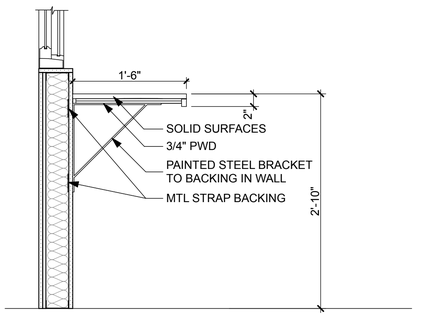
0 2' 4' 8'



2 DOOR/ FRAME TYPES

SCALE: 1/4" = 1'-0"

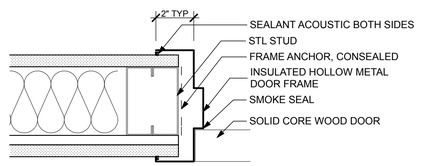
0 2' 4' 8'



5 SERVICE COUNTER

SCALE: 1" = 1'-0"

0 6" 1' 2'



4 TYPICAL DOOR JAMB/HEAD

SCALE: 3" = 1'-0"

0 3" 6" 9"

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1" ACTUAL

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FIRST FLOOR PLAN - VENTIALTION MOD

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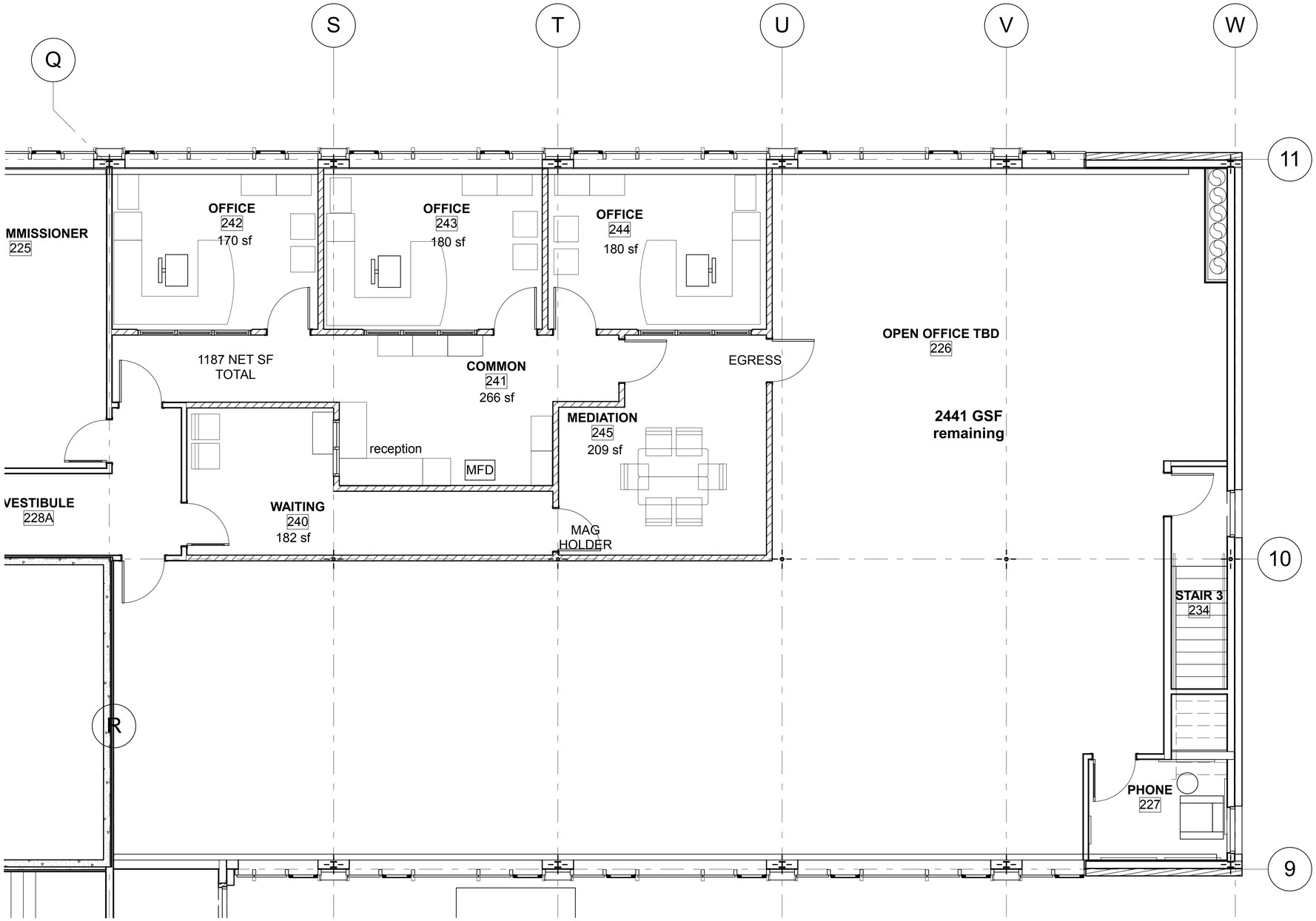
ALASKA	2017

NWA-1148.54 Douglas Island Building Renovation



1 OHA @ DIB
SCALE: 1/4" = 1'-0"
0 2' 4' 8'

FLOOR PLAN LEGEND

(E) WALL

NEW WALL AS SCHEDULED

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OHA @ DIB

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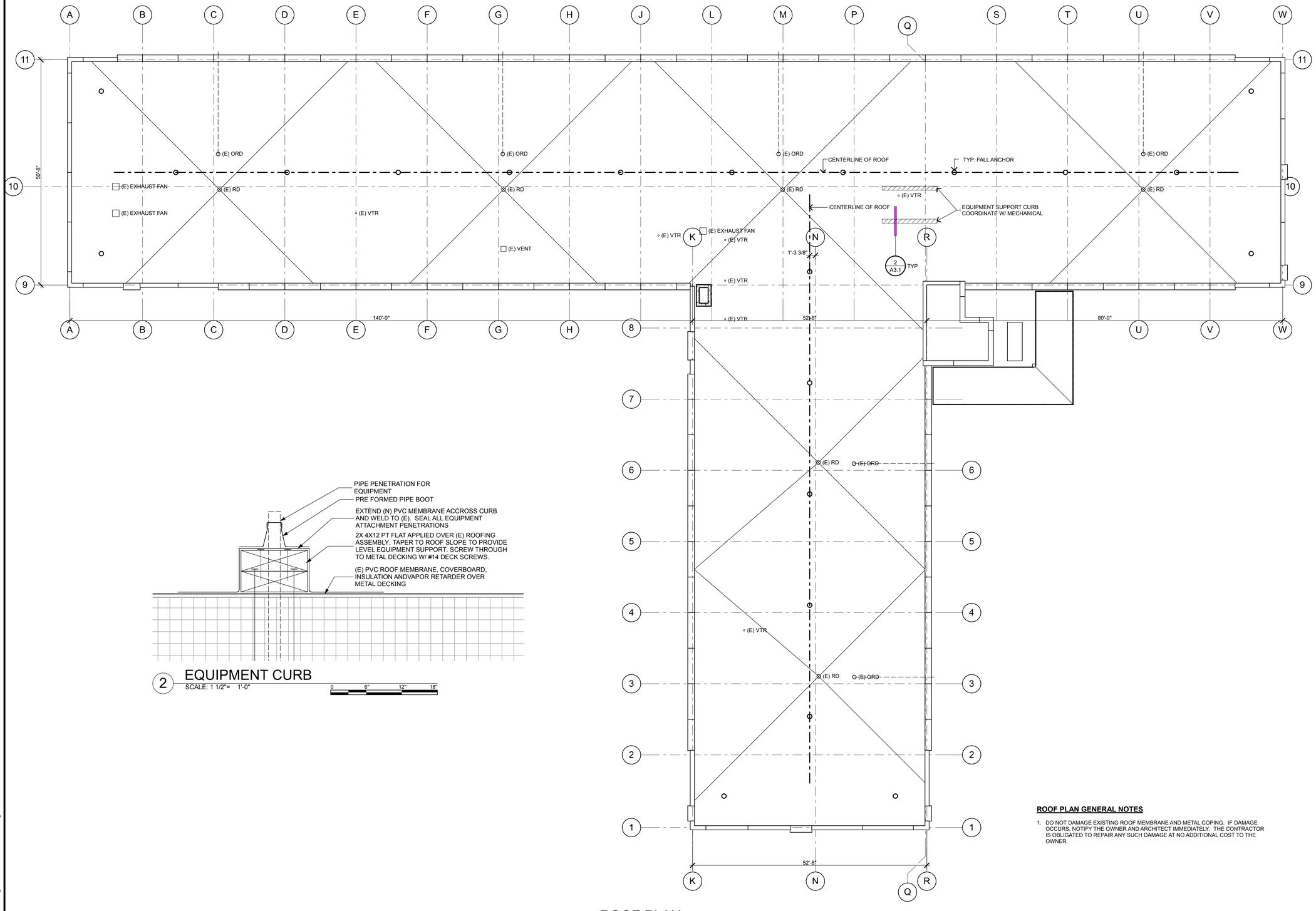

1 ROOF PLAN
SCALE: 3/32" = 1'-0"

2 EQUIPMENT CURB
SCALE: 1 1/2" = 1'-0"

ROOF PLAN GENERAL NOTES

1. DO NOT DAMAGE EXISTING ROOF MEMBRANE AND METAL COPING. IF DAMAGE OCCURS, NOTIFY THE OWNER AND ARCHITECT IMMEDIATELY. THE CONTRACTOR IS OBLIGATED TO REPAIR ANY SUCH DAMAGE AT NO ADDITIONAL COST TO THE OWNER.

NORTH PLAN NORTH

January 13, 2017

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A3.1
ROOF PLAN

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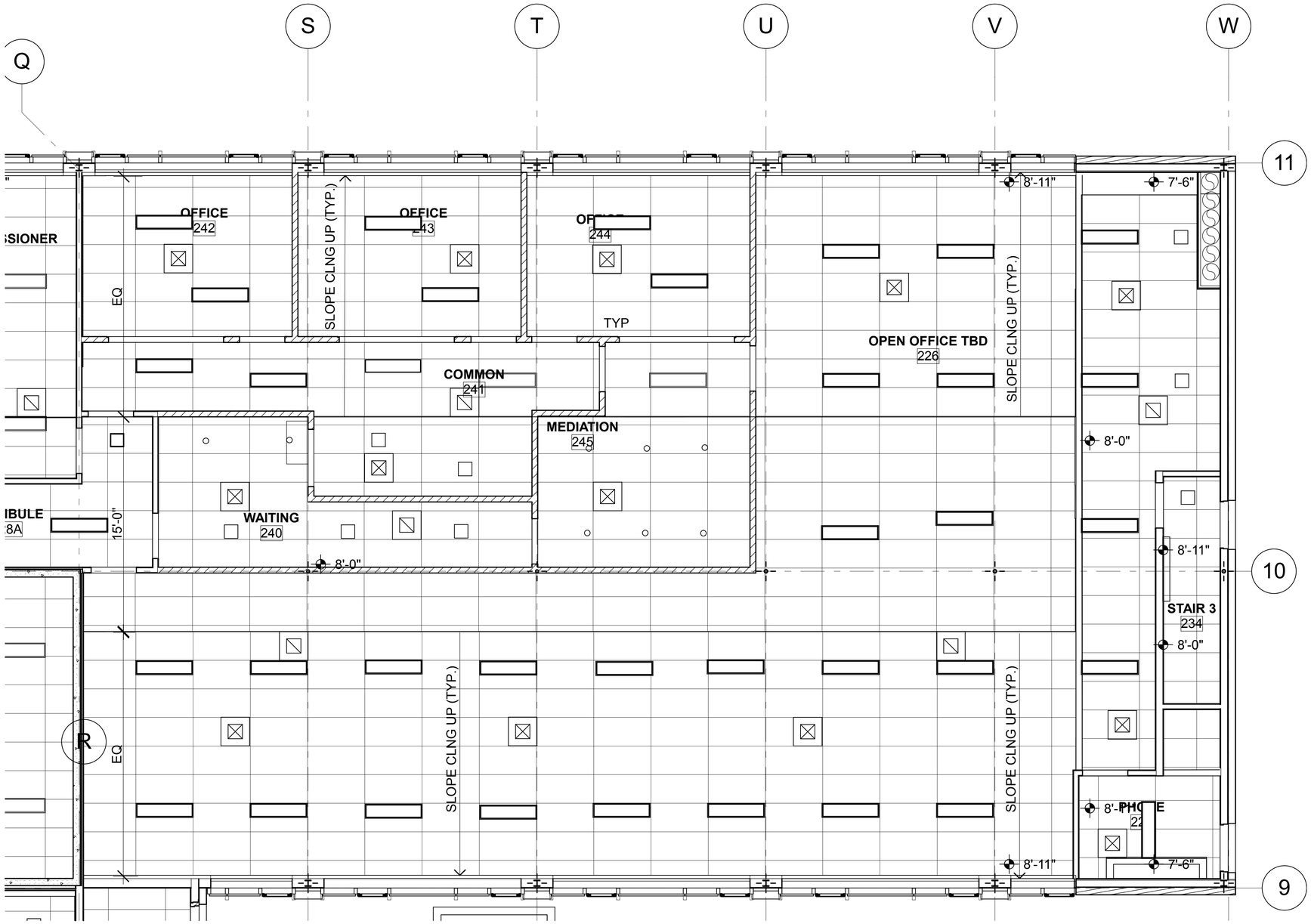

1 FIRST FLOOR REF. CLNG PLAN (1/8") (1)
SCALE: 1/4" = 1'-0"

NWA-1148.54 Douglas Island Building Renovation

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FIRST FLOOR RCP-VENTIALTION MOD

PROJECT DESIGNATION NUMBER	
2017-0222-3531	
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SYMBOLS

CW	COLD WATER	
HW	HOT WATER	
V	VENT	
W	WASTE, SOIL, DRAINAGE	
RL	ROOF DRAINAGE LEADER	
ORL	OVERFLOW ROOF DRAINAGE LEADER	
SPR	WET SPRINKLER	
HS	HEATING SUPPLY	
HR	HEATING RETURN	
	PITCHED DOWN	
	REDUCER	
	CAPPED OR PLUGGED	
	POINT OF CONNECTION OR REMOVAL	
1	CONSTRUCTION NOTE	
T	THERMOSTAT – IMMERSION, ROOM	
	THERMOMETER	
$	CONTROL SWITCH	
ø	DIAMETER	
℄	CENTER LINE	
A	ACCESS DOOR	
E	EXISTING	
R	TO BE RELOCATED	
X	TO BE REMOVED	
B	MANUAL BUTTERFLY DAMPER	
	FLEXIBLE DUCT	
100 / 9x9	AIR VOLUME / DIFFUSER/GRILLE SIZE	
	CEILING RETURN/EXHAUST GRILLE	
	CEILING SUPPLY DIFFUSER	
	RECTANGULAR TO ROUND DUCT TRANSITION	
	RETURN/EXHAUST DUCT UP, DOWN	
	SUPPLY DUCT UP, DOWN	

AAV	AUTOMATIC AIR VENT
AC	AIR CONDITIONING UNIT
AFF	ABOVE FINISHED FLOOR
AV	AUTOMATIC VALVE
B	BUTTERFLY DAMPER
BAS	BUILDING AUTOMATION SYSTEM
C	COMMON
CCU	COMPRESSOR–CONDENSER UNIT
CFM	CUBIC FEET PER MINUTE
EA	EXHAUST AIR
EF	EXHAUST FAN
EG	EXHAUST GRILLE
ESP	EXTERNAL STATIC PRESSURE
FP	FINNED PIPE
HRV	HEAT RECOVERY VENTILATOR
IAW	IN ARCHITECTURAL WORK
IEW	IN ELECTRICAL WORK
LF	LINEAL FEET
MBH	1,000 BTU PER HOUR
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NIM	NOT IN MECHANICAL
NO	NORMALLY OPEN
O.C.	ON CENTER
ORD	OVERFLOW RAIN LEADER
OSA	OUTSIDE AIR
RA	RETURN AIR
RD	ROOF DRAIN
RG	RETURN GRILLE
RI	ROUGH IN
RL	ROOF LEADER
SA	SUPPLY AIR TEMPERATURE
SF	SUPPLY FAN
SG	SUPPLY GRILLE
TSP	TOTAL STATIC PRESSURE
TYP.	TYPICAL

DIFFUSER AND GRILLE SCHEDULE

SUPPLY CEILING DIFFUSER/WALL GRILLE						RETURN OR EXHAUST GRILLE					
ROOM	MARK	NUMBER	SUPPLY CFM	FACE SIZE	NECK SIZE	MARK	NUMBER	RETURN CFM	EXHAUST CFM	FACE SIZE	NECK SIZE
226 OPEN OFFICE	SG	2	30	24x24	6"ø	–	–	–	–	–	–
	SG	2	30	24x24	6"ø	EG	2	–	40	24x24	8x8
227 PHONE	SG	1	20	24x24	6"ø	–	–	–	–	–	–
240 WAITING	SG–1	1	50	24x24	6"ø	–	–	–	–	–	–
241 COMMON	SG–1	1	50	24x24	6"ø	EG	1	–	100	24x24	8x8
242 OFFICE	SG	1	50	24x24	6"ø	–	–	–	–	–	–
243 OFFICE	SG	2	40	24x24	6"ø	–	–	–	–	–	–
244 OFFICE	SG–1	1	30	24x24	6"ø	–	–	–	–	–	–
245 MEDIATION	SG–1	1	70	24x24	6"ø	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–

NOTE: SG'S AND EG'S ARE EXISTING, SG–1'S AND EG–1'S ARE NEW. TEST AND BALANCE ALL LISTED. BLOW PATTERNS ARE ALL 4–WAY. SCHEDULE DOES NOT INCLUDE ALTERNATE BID AIR–CONDITIONING SYSTEM DIFFUSERS AND GRILLES. ALL NEW AND ALTERNATE DIFFUSERS TO BE SELECTED AT NC 30 OR LESS SOUND LEVEL.

AIR–CONDITIONING/COOLING SYSTEM SCHEDULE

EQUIPMENT	DESIGN MANUFACTURER	MODEL	FEATURES/OPTIONS
ASHP	DAIKIN	RXTQ SERIES	EXTERIOR VRV HEATPUMP, NOMINAL 4 TON CAPACITY.
FC–1, FC–2	DAIKIN	FXMQ SERIES	INTERIOR CONCEALED CEILING UNIT WITH DUCT CONNECTIONS, ZONED DUCT/DAMPER CONNECTION ACCESSORY, CONTROLS, WALL MOUNTED THERMOSTAT.

* SEE SPECIFICATIONS FOR ADDITIONAL SYSTEM AND DESIGN INFORMATION.

CODE NOTES

THE WORK IS DESIGNED AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH 2009 INTERNATIONAL BUILDING CODES, 2012 UNIFORM PLUMBING CODE, 2014 NATIONAL FIRE PROTECTION ASSOCIATION, STATE OF ALASKA REGULATIONS, AND CITY & BOROUGH OF JUNEAU REQUIREMENTS.

MECHANICAL SHEET LIST

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DOUGLAS ISLAND BUILDING RENOVATION
OAH TI AND VENTILATION UPGRADE

STATE OF ALASKA
49th
DOUGLAS H. MURRAY
ME 7870
REGISTERED PROFESSIONAL ENGINEER
January 13, 2017

1" ACTUAL

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M1.0

SYMBOLS & SCHEDULES

PROJECT DESIGNATION NUMBER

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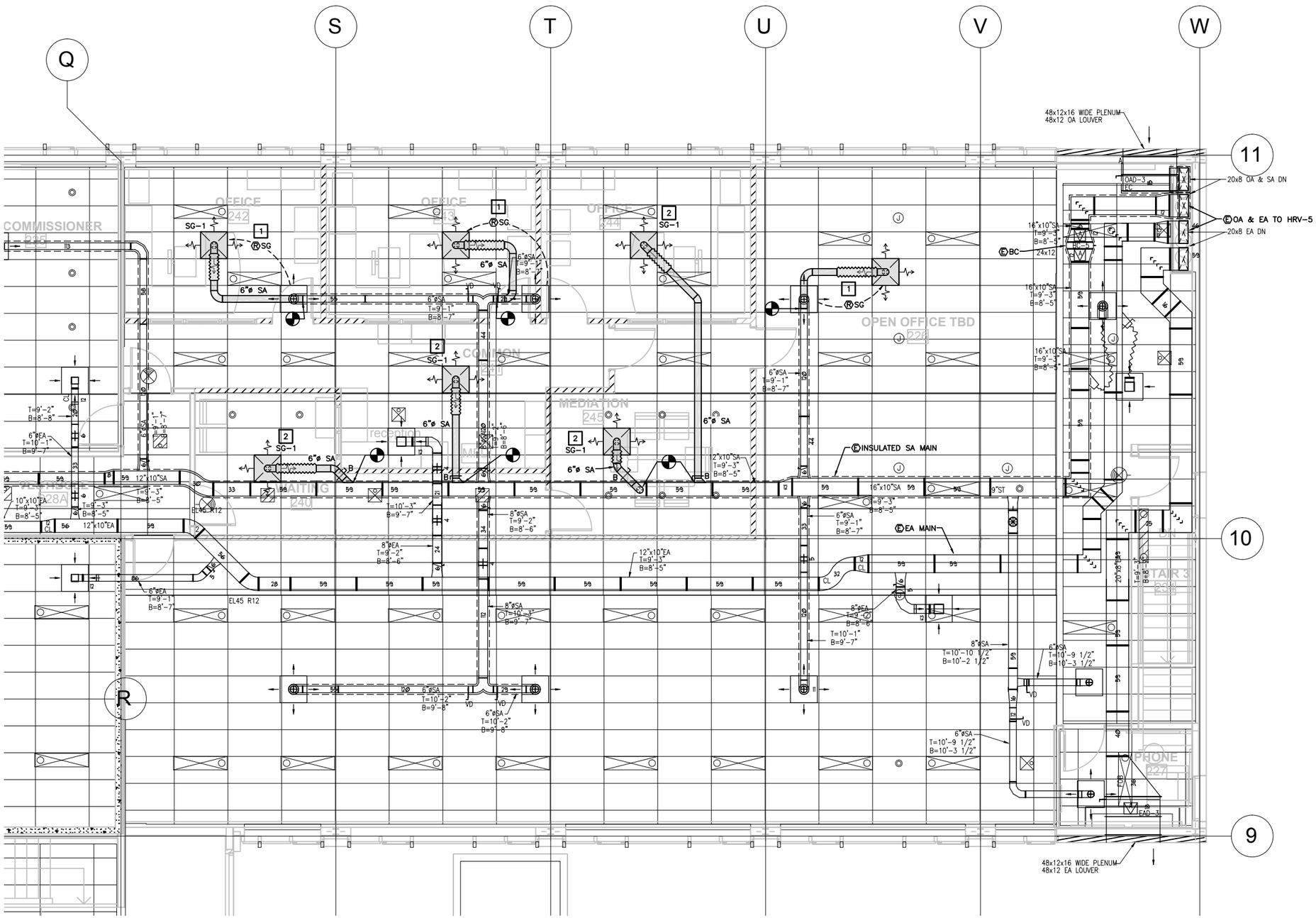
ALASKA	2016



1 1ST FLOOR PLAN - VENTILATION MOD

0 2' 4' 8'

SHEET NOTES:

1. EXISTING DUCTWORK IS SHOWN LIGHT AND IS FROM CONTRACTOR AS-BUILTS. NEW DUCTWORK AND CONNECTION POINTS ARE SHOWN SHADED. RELOCATION OF GRD CONNECTIONS AND FLEXIBLE DUCT IS ACCEPTABLE IF END PRODUCT HAS NO DEFICIENCIES. VERIFY ON-SITE CONDITIONS AND MODIFY ROUTING ACCORDINGLY.

CONSTRUCTION NOTES:

1. RELOCATE GRILLE AND FLEXIBLE DUCT. DEMOLISH AND MODIFY DUCTWORK TO ACCOMPLISH ROUTING SHOWN. RELOCATE BRANCH DUCT MANUAL DAMPER AS NEEDED.
2. PROVIDE NEW BRANCH CONNECTION AND MANUAL DAMPER. PROVIDE SHEET METAL DUCT, FLEXIBLE DUCT, AND SUPPLY/EXHAUST GRILLE AS SHOWN.

ACTUAL NORTH PLAN NORTH

KEY PLAN

January 13, 2017

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1ST FLOOR PLAN - VENTILATION MOD

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2017-0222-3531

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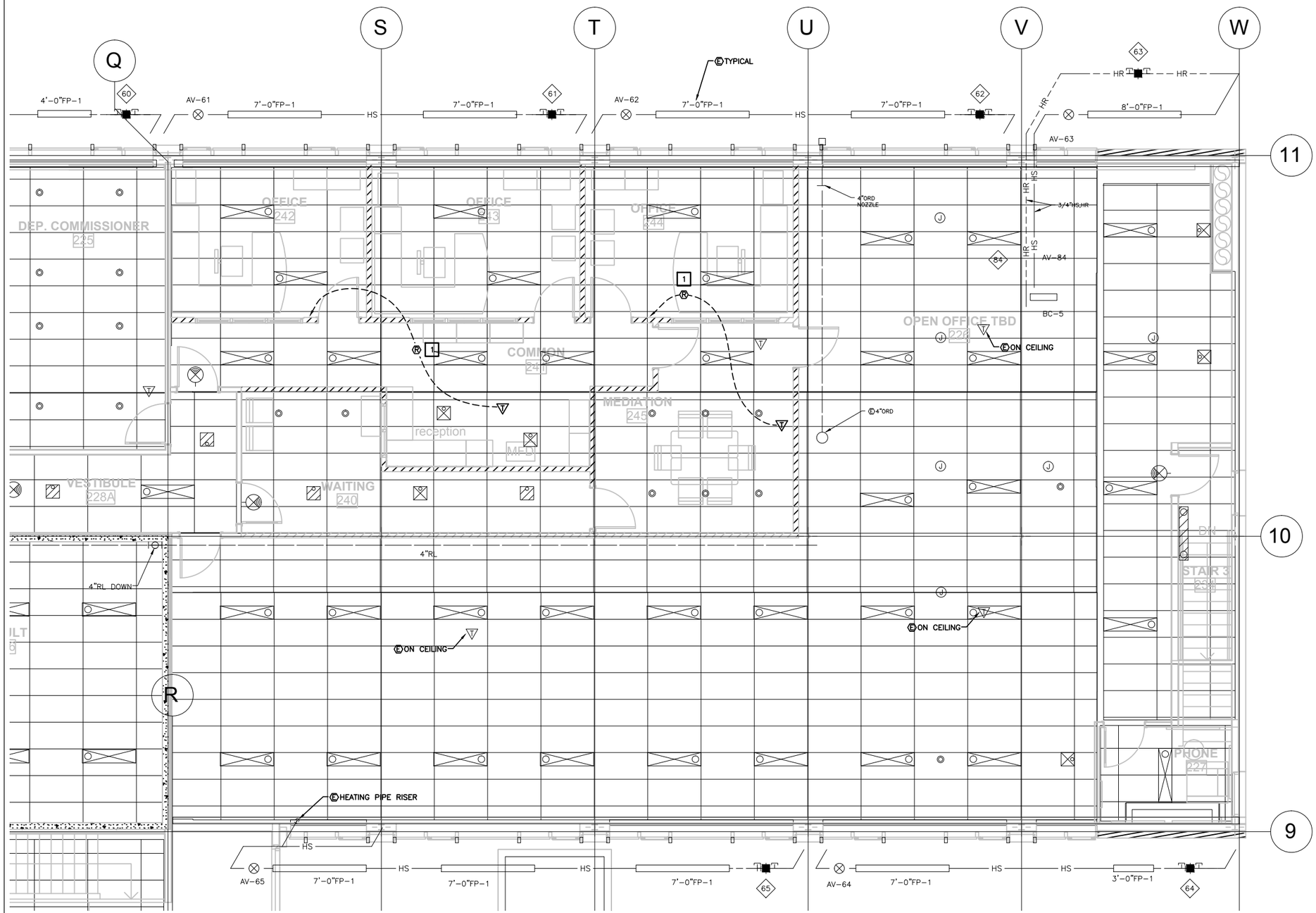
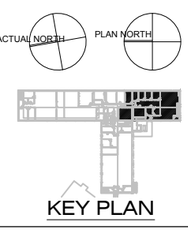


1 1ST FLOOR PLAN - HEATING MOD

0 2' 4' 8'

CONSTRUCTION NOTES:

1 RELOCATE DDC THERMOSTAT FROM CEILING TO WALL WHERE SHOWN. EXTEND WIRING AS REQUIRED, VERIFY OPERATION. THERMOSTAT CONTROLS ADJACENT FP HEATING UNIT.



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DOUGLAS ISLAND BUILDING RENOVATION
OAH TI AND VENTILATION UPGRADE

STATE OF ALASKA
DOUGLAS H. MURRAY
ME 7870
REGISTERED PROFESSIONAL ENGINEER
ELECTRICAL

January 13, 2017

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1ST FLOOR PLAN - HEATING MOD

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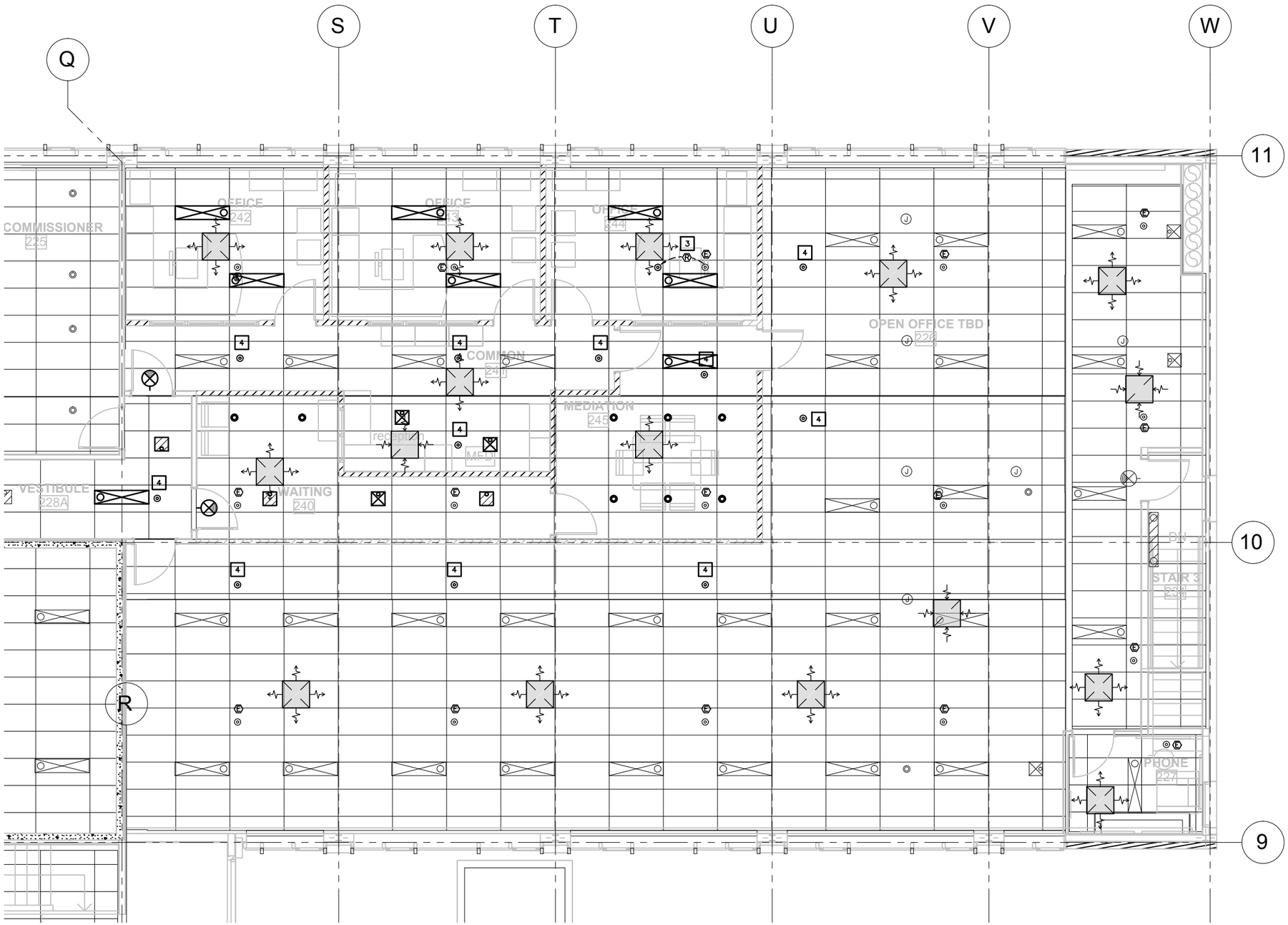


SHEET NOTES:

1. SEE SHEET M1.1 FOR GRD INFORMATION.

CONSTRUCTION NOTES:

1. RELOCATE GRILLE AND FLEXIBLE DUCT. DEMOLISH AND MODIFY DUCTWORK TO ACCOMPLISH ROUTING SHOWN.
2. PROVIDE NEW BRANCH CONNECTION AND MANUAL DAMPER. PROVIDE SHEET METAL DUCT, FLEXIBLE DUCT, AND SUPPLY GRILLE AS SHOWN.
3. RELOCATE RECESSED SPRINKLER HEAD FOR CORRECT COVERAGE. FIELD VERIFY ROUTING.
4. INSTALL NEW RECESSED SPRINKLER HEAD, MATCH EXISTING. CONNECT TO BRANCH PIPING AS REQUIRED. FIELD VERIFY ROUTING.

1 1ST FLOOR PLAN - RCP & SPRINKLER MOD

0 2' 4' 8'

ACTUAL NORTH PLAN NORTH

KEY PLAN

January 13, 2017

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

STATE OF ALASKA
DEPARTMENT OF ADMINISTRATION

Division of General Services
Facilities Section
PO Box 11210
Juneau, AK 99811-0210

DOUGLAS ISLAND BUILDING RENOVATION
OAH TI AND VENTILATION UPGRADE

STATE OF ALASKA
49th
DOUGLAS H. MURRAY
ME 7870
REGISTERED PROFESSIONAL ENGINEER
ELECTRICAL
January 13, 2017

1" ACTUAL

IF THE ABOVE DIMENSION DOES NOT MEASURE ONE INCH (1") EXACTLY, THIS DRAWING WILL HAVE BEEN ENLARGED OR REDUCED, AFFECTING ALL LABELED SCALES.

DRAWN BY: KB

M1.3

1ST FLOOR PLAN - RCP & SPRINKLER MOD

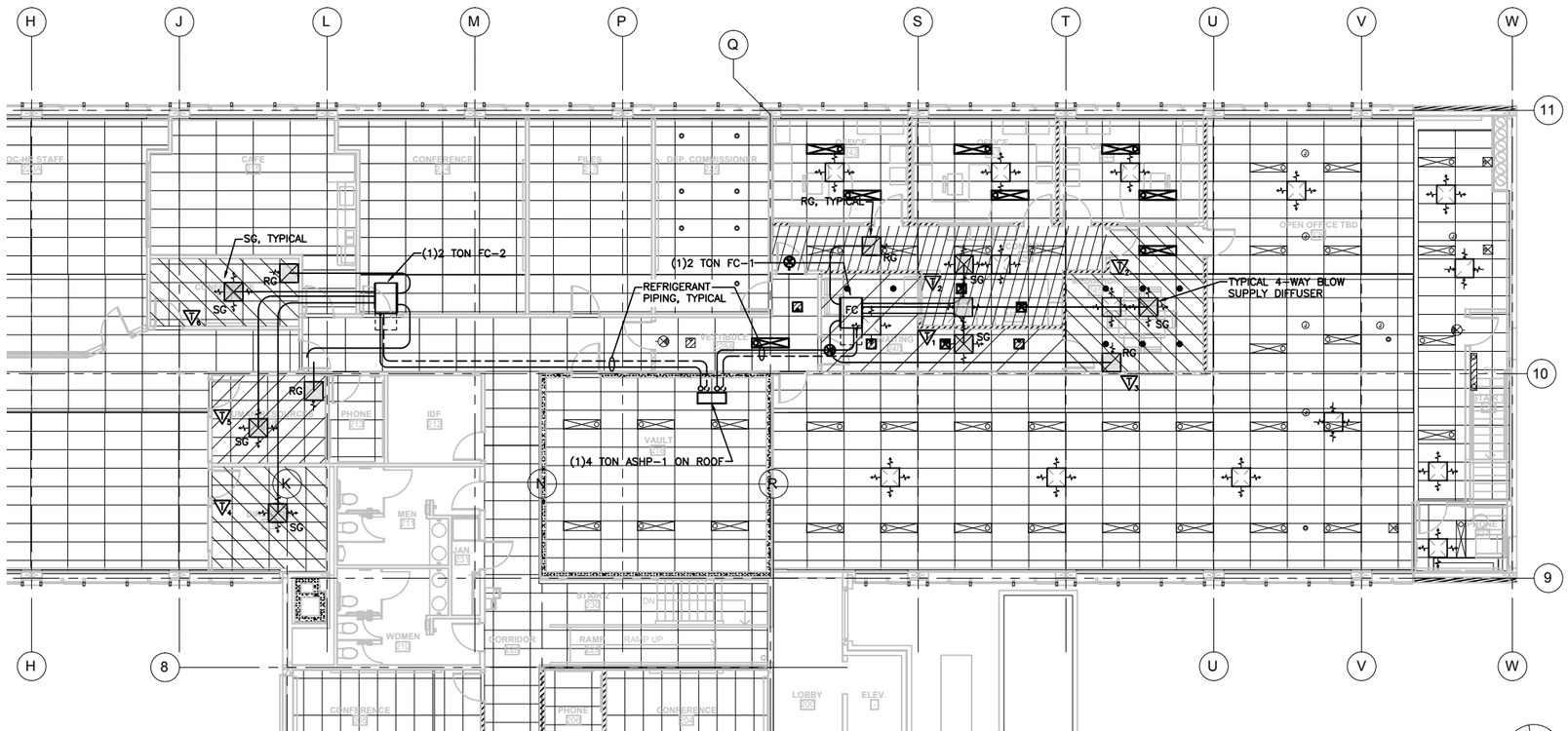
PROJECT DESIGNATION NUMBER

2017-0222-3531

STATE	YEAR
ALASKA	2016

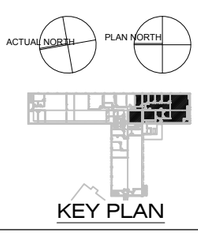
SHEET NOTES:

1. THE DRAWING DEPICTS A SCHEMATIC LAYOUT OF A ZONED AIR-CONDITIONING SYSTEM FOR THE SHADED AREAS SHOWN. DESIGN MANUFACTURER IS DAIKIN VRV HEAT PUMP UNITS WITH ONE ROOF MOUNTED EXTERIOR RXTQ SERIES 4-TON NOMINAL CAPACITY UNIT AND TWO CONCEALED CEILING HUNG INTERIOR FXMQ SERIES UNIT 2-TON NOMINAL CAPACITY EACH. WALL MOUNTED THERMOSTAT CONTROLS SHALL CONTROL ZONED DAMPER CONTROLS AND A CENTRAL CONTROL PANEL SHALL OPERATE THE HEAT PUMP SYSTEM.
2. CONTRACTOR SHALL VERIFY FIELD CONDITIONS PRIOR TO BIDDING AND CONSTRUCTION MAKING ADJUSTMENTS FOR THE SYSTEM COMPONENTS AS REQUIRED AND COULD BE REASONABLY EXCEPTED.
3. CONTRACTOR SHALL UTILIZE THE BASE BID SPECIFICATIONS FOR MATERIALS AND MEANS/METHODS FOR THE AIR-CONDITIONING SYSTEM INCLUDING DUCTWORK, INSULATION, GRILLES, DIFFUSERS, CONTROLS, PENETRATIONS, AND ALL RELATED EQUIPMENT. CONTRACTOR SHALL PROVIDE FULL DESIGN DRAWINGS FOR SUBMITTAL AND REVIEW OF THE AIR-CONDITIONING SYSTEM STAMPED BY PROFESSIONAL ENGINEER OF STATE OF ALASKA CONTRACTOR SHALL PROVIDE START-UP OF THE AIR-CONDITIONING SYSTEM AND TRAIN OWNER.
4. CONTRACTOR SHALL PROVIDE DUCTWORK AS INTENDED TO SUPPLY AND RETURN AIR-CONDITIONING AIR FROM THE SELECT SPACES AS SHOWN. CONTRACTOR TO PROVIDE A DUCTED RETURN SYSTEM WITH PLENUM ATTACHED TO FAN COIL UNITS AS WELL AS SUPLY AIR DUCTWORK. CONTRACTOR SHALL PROVIDE TESTING AND BALANCING OF THE VENTILATION PORTION OF THE SYSTEM IN CONJUNCTION WITH THE REST OF THE PROJECT INCLUDING SETTING MIN/MAX OF EACH FC DUCT ZONE.



1 PART 1ST FLOOR PLAN - COOLING ZONES

0 4' 8' 16'



KEY PLAN

January 13, 2017

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OAH TI AND VENTILATION UPGRADE

STATE OF ALASKA
49th
DOUGLAS H. MURRAY
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January 13, 2017

1" ACTUAL

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DRAWN BY: KB

M1.4

PART 1ST FLOOR PLAN - COOLING ZONES

PROJECT DESIGNATION NUMBER

2017-0222-3531

STATE	YEAR
ALASKA	2016

LEGEND

ABBREVIATIONS:

AFF	ABOVE FINISHED FLOOR
FAA	FIRE ALARM ANNUNCIATOR
FACP	FIRE ALARM CONTROL PANEL
GFI	GROUND FAULT INTERRUPTED
LV	LOW VOLTAGE
RSC	RIGID STEEL CONDUIT
TB	TERMINAL BOARD
UON	UNLESS OTHERWISE NOTED
WP	WEATHERPROOF
WiFi	WIRELESS INTERNET
XFMR	TRANSFORMER

SHEET NOTE SYMBOLS:

- (E) EXISTING TO REMAIN
- (N) NEW
- (R) RELOCATE EXISTING
- (X) REMOVE EXISTING

SERVICE EQUIPMENT:

- PANELBOARD

POWER:

- DUPLEX RECEPTACLE
- DOUBLE DUPLEX RECEPTACLE
- EQUIPMENT CONNECTION
- (J) JUNCTION BOX
- MOTOR CONNECTION
- MOTOR STARTER
- COMBINATION STARTER/DISCONNECT
- DISCONNECT
- S_M MANUAL STARTER
- (S) SELECTOR SWITCH
- [HOA] HAND-OFF-AUTO CONTROL SWITCH
- (T) THERMOSTAT, 46" AFF

DIAGRAM SYMBOLS:

- CIRCUIT BREAKER
- CONTACT
- DISCONNECT OR SWITCH
- GROUND BUS
- GROUND ROD
- (M) METER
- TERMINAL BLOCK
- TRANSFORMER

LIGHTING:

- SURFACE OR SUSPENDED LINEAR LUMINAIRE
- RECESSED TROFFER OR LINEAR LUMINAIRE
- LUMINAIRE, EQUIP WITH EMERGENCY BATTERY PACK
- RECESSED DOWNLIGHT LUMINAIRE
- WALL MOUNTED EXIT LUMINAIRE

LIGHTING CONTROLS:

- ◇O W OCCUPANCY SENSOR: W=WALL SWITCH, U=ULTRASONIC, D=DUAL TECH
- ◇P OCCUPANCY POWER PACK
- ◇S X LIGHTING CONTROL STATION X=NUMBER OF BUTTONS, D=DIMMING

FIRE ALARM:

- CABINET
- (2) SMOKE DETECTOR
- [F] MANUAL PULL STATION
- FIRE ALARM HORN/STROBE
- FIRE ALARM STROBE ONLY
- ELECTROMAGNETIC DOOR HOLDER

CONDUIT & CONDUCTORS:

- HOME RUN
- CONDUIT: 1/2" UON.
- UNGROUNDED CONDUCTORS (#12 AWG)
- NEUTRAL: #10 WITH DOT, #12 OTHERWISE
- GROUND CONDUCTOR
- CONDUCTORS NOT SHOWN WHERE ONLY #12 NEUTRAL AND UNGROUNDED CONDUCTOR ARE REQUIRED
- — LV — CONDUIT w/ LOW VOLTAGE CONDUCTORS, SLASHES INDICATE NO. OF CONDUCTORS IF NOT TWO
- FLEXIBLE CONDUIT

NETWORK DEVICES:

- SURFACE RACEWAY (DUAL DUCT) WITH DATA TERMINALS
- $▽_1$ DATA, 18" AFF UON. (NUMBER INDICATES QUANTITY OF JACKS)
- ▽ DATA IN FLOOR BOX
- ▽WIFI MOUNT ABOVE CEILING FOR WIRELESS ROUTER (SURFACE BOX)

SECURITY DEVICES:

- [A] ACCESS CONTROL STATION
- [DC] DOOR OPERATOR/CONTROLLER
- [DS] DOOR POSITION SWITCH
- [EL] ELECTRONIC LOCK
- [ES] ELECTRIC DOOR STRIKE
- [M] MAGNETIC DOOR SWITCH

LIGHTING CONTROL SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	REMARKS
◇O D	CEILING MOUNTED, LOW VOLTAGE OCCUPANCY SENSOR WITH DUAL TECHNOLOGY SENSING	SENSOR SWITCH nCM-PDT-9	OFF CONTROL, UON.
◇O W	WALL MOUNTED, LOW VOLTAGE OCCUPANCY SENSOR WITH INFRARED SENSING	SENSOR SWITCH nWV-16	WALL MOUNT @ 7'-0" AFF TO BOTTOM OF DEVICE. ON & OFF CONTROL.
◇P D	POWER/RELAY PACK WITH DIMMING CONTROL	SENSOR SWITCH NSP5-D	MOUNTED TO JUNCTION BOX ABOVE CEILING.
◇S X	WALL MOUNTED, LOW VOLTAGE CONTROL STATION, X=NUMBER OF ZONES WHEN GREATER THAN TWO	SENSOR SWITCH NPODM-X	WALL MOUNT @ 46" TO CENTER OF DEVICE. ON & OFF CONTROL.
◇S DX	WALL MOUNTED, LOW VOLTAGE CONTROL STATION WITH DIMMING CONTROL IN ADDITION TO ON & OFF OPERATION	SENSOR SWITCH NPODM-DX	WALL MOUNT @ 46" TO CENTER OF DEVICE. ON & OFF & DIMMING CONTROL.

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	LAMPS	REMARKS
A	EXISTING 1x4 RECESSED LED TROFFER, ALUMINUM HOUSING POLYCARBONATE LENS, INTEGRAL ELECTRONIC 0-10V DIMMING DRIVER, 120/277V, 4400 LUMENS, WHITE FINISH	TRUELY GREEN SOLUTIONS 881440-35-L-F	40W WHITE LED 3500OK, CRI 82	
C	1x1 RECESSED LED TROFFER, STEEL MOUNTING FRAME, ONE PIECE WHITE DIE-CAST REFLECTOR, INTEGRAL DRIVER 120V	LITHONIA LIGHTING RT5D LED 1700L 35K 120	41W WHITE LED 3500K, CRI 80	
CE	SAME AS TYPE C, WITH EMERGENCY BATTERY PACK	LITHONIA LIGHTING RT5D LED 1700L 35K 120 ELR	41W WHITE LED 3500K, CRI 80	
D	4" DIA. RECESSED LED OPEN DOWNLIGHT, CLEAR APERTURE, MATTE DIFFUSE FINISH, WIDE DISTRIBUTION, INTEGRAL 0-10V DIMMING DRIVER 120V, 1400 LUMENS	GOTHAM EVO 35/14 4AR WD LD 120	26W WHITE LED 3500K, CRI 83	
E	EXISTING 4" DIA RECESSED EMERGENCY LIGHT, GALVANIZE STEEL HOUSING, POLYCARBONATE LENS, NICKEL CADMIUM BATTERY, SELF-DIAGNOSTICS	MULE LIGHTING ELD BB 10L2 W DG	(2) 5W LED	
EXIT	EMERGENCY LED EXIT SIGN, DIE-CAST ALUMINUM HOUSING, MATTE BLACK FINISH WITH BRUSHED ALUMINUM FACE, GREEN LETTER, 120/277V BATTERY BACKUP	LITHONIA LIGHTING SINGLE FACE: LQC 1 G ELN DOUBLE FACE: LQC 2 G ELN	LED	

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Facilities Section
PO Box 111210
Juneau, AK 99811-0210

DOUGLAS ISLAND BUILDING
OAH TENANT IMPROVEMENT

NorthWind Architects, LLC
www.NorthWindArch.com
126 Seward Street
Juneau, AK, 99801

Haight & Associates, Inc.
526 Main St
Juneau, Alaska, 99801

1" ACTUAL

IF THE ABOVE DIMENSION DOES NOT MEASURE ONE INCH (1") EXACTLY, THIS DRAWING WILL HAVE BEEN ENLARGED OR REDUCED, AFFECTING ALL LABELED SCALES.

DRAWN BY: PEL, REJ

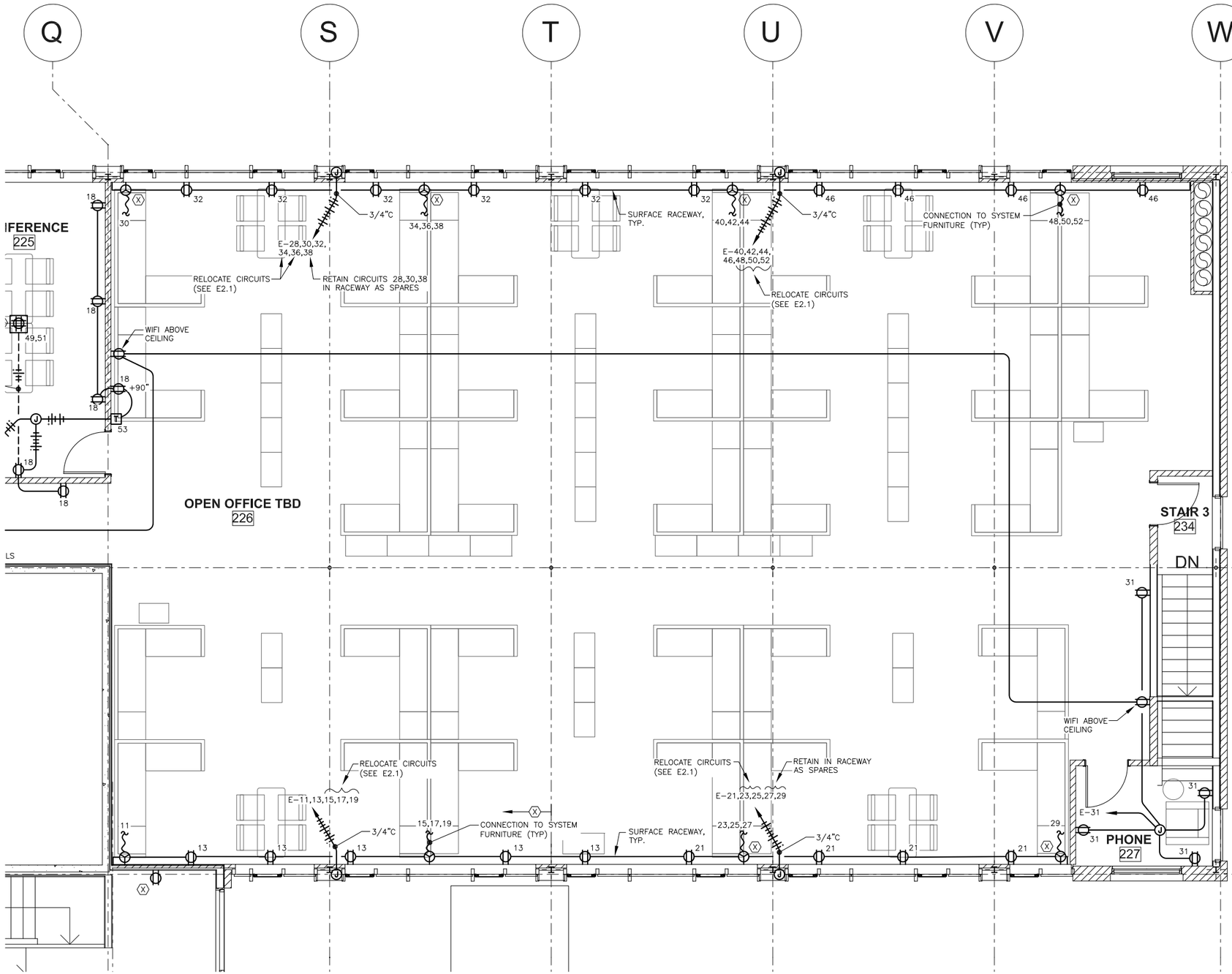
E1.0

ELECTRICAL LEGEND

PROJECT DESIGNATION NUMBER

2017-0222-3531

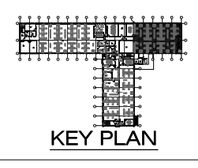
STATE	YEAR
ALASKA	2017



1 PARTIAL FIRST FLOOR TI IMPROVEMENTS - EXISTING POWER

SCALE: 1/4" = 1'-0"

0 2' 4' 8'



KEY PLAN

January 11, 2017

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DOUGLAS ISLAND BUILDING
OAH TENANT IMPROVEMENT

B.C. HAIGHT
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REGISTERED PROFESSIONAL ENGINEER
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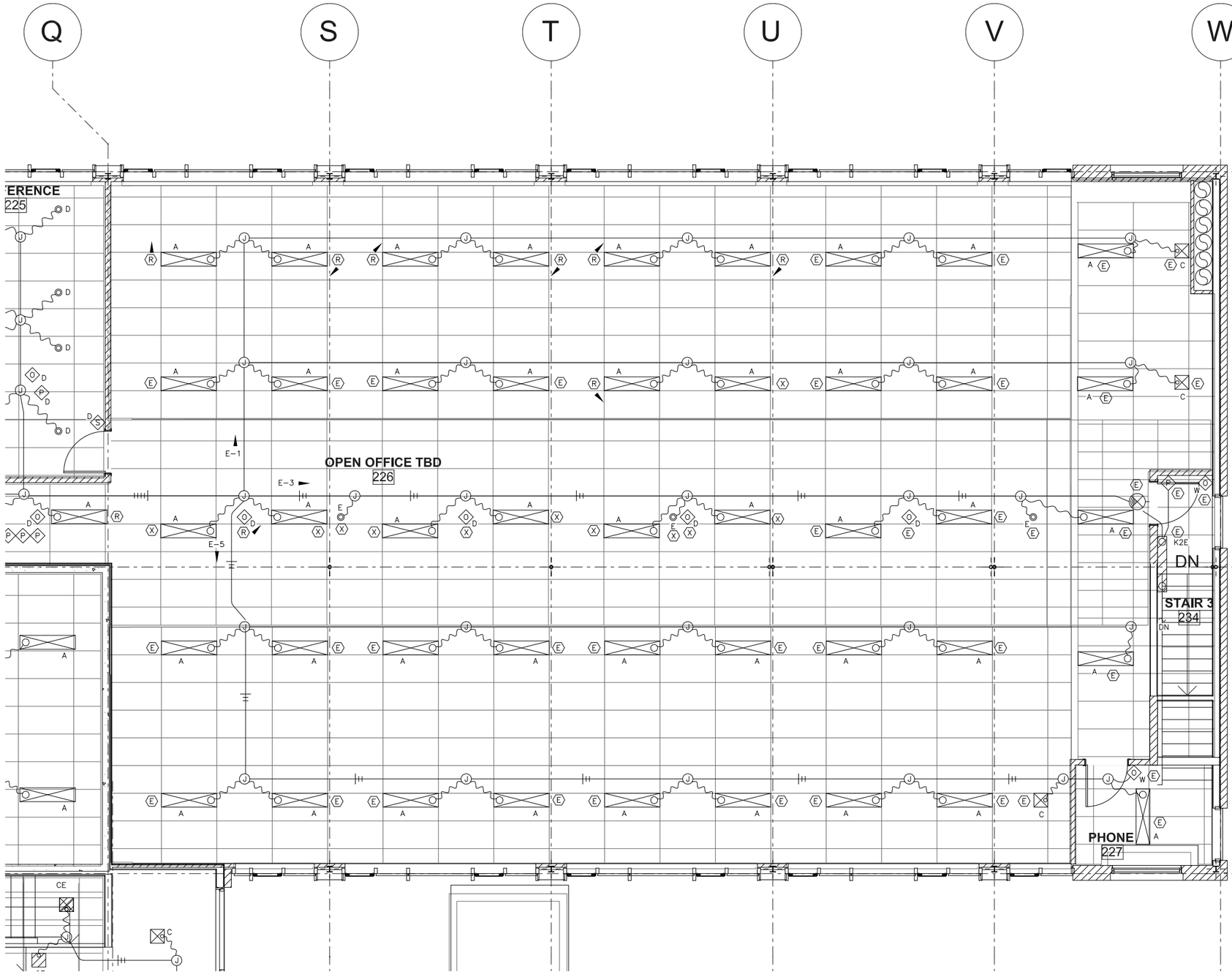
DRAWN BY: PEL, REJ

E1.1

PARTIAL FIRST FLOOR PLAN - EXISTING POWER

PROJECT DESIGNATION NUMBER
2017-0222-3531

STATE	YEAR
ALASKA	2017



NOTE: EXCESS EXISTING LUMINAIRES TO BE REMOVED SHALL BE DELIVERED TO THE STATE.

1 PARTIAL FIRST FLOOR TI IMPROVEMENTS - EXISTING LIGHTING
SCALE: 1/4" = 1'-0"

0 2' 4' 8'

KEY PLAN

January 11, 2017

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Facilities Section
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Juneau, AK 99811-0210

DOUGLAS ISLAND BUILDING
OAH TENANT IMPROVEMENT

STATE OF ALASKA
B.C. HAIGHT
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DRAWN BY: PEL, REJ

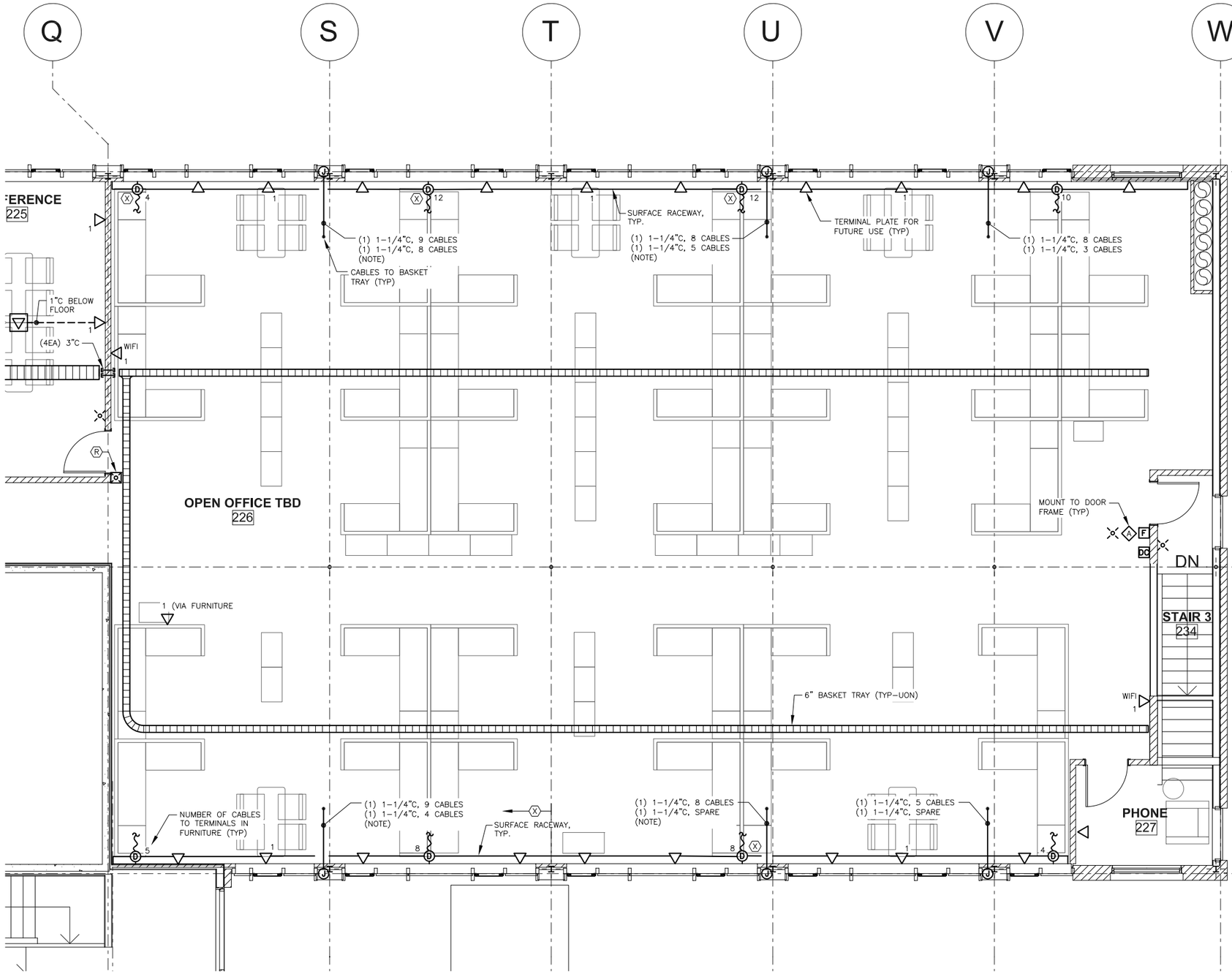
E1.2

PARTIAL FIRST FLOOR PLAN - EXISTING LIGHTING

PROJECT DESIGNATION NUMBER
2017-0222-3531

STATE	YEAR
ALASKA	2017

Plotted 1/11/2017 8:44 AM by Robbie Jensen F:\PROJECTS\250 NORTHWIND ARCHITECTS\65A DIB TI IMPROVEMENTS REDESIGN\DRAWINGS\WORKING\E1.2.DWG

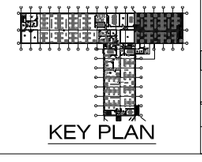


NOTE: REROUTE AVAILABLE UNUSED CABLES TO NEW TERMINALS AS NEEDED. REFER TO CABLES REQUIRED ON SHEET E4.1.

1 PARTIAL FIRST FLOOR TI IMPROVEMENTS - EXISTING LOW VOLTAGE

SCALE: 1/4" = 1'-0"

0 2' 4' 8'



KEY PLAN

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DOUGLAS ISLAND BUILDING
OAH TENANT IMPROVEMENT

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REGISTERED PROFESSIONAL ENGINEER

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526 Main St
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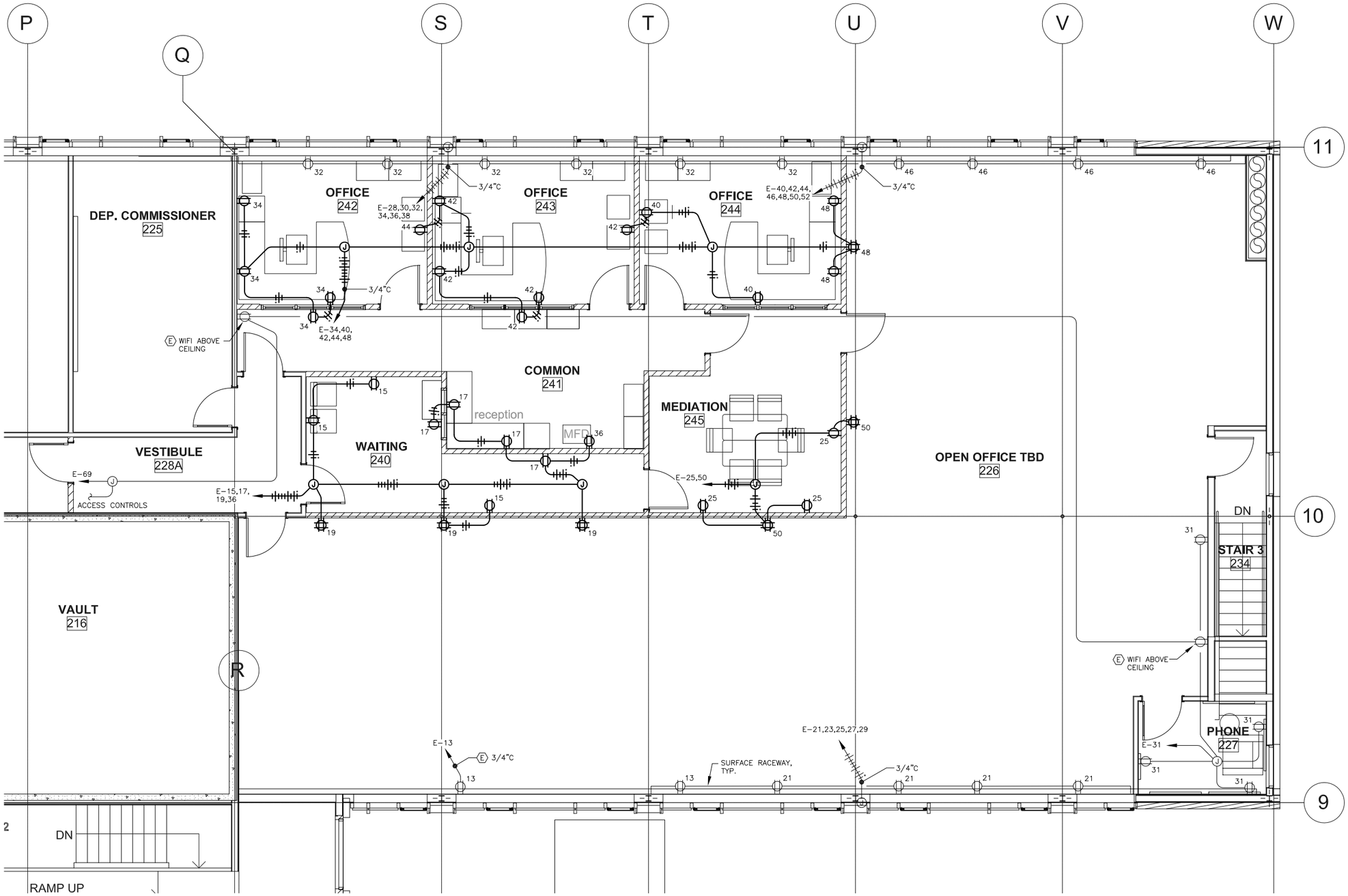
DRAWN BY: PEL, REJ

E1.3

PARTIAL FIRST FLOOR PLAN - EXTG LOW VOLT

PROJECT DESIGNATION NUMBER
2017-0222-3531

STATE	YEAR
ALASKA	2017



1 PARTIAL FIRST FLOOR TI IMPROVEMENTS - POWER
SCALE: 1/4" = 1'-0"

NOTE: UTILIZE EXISTING HOME RUN CONDUITS AND CONDUCTORS TO PANEL WHERE POSSIBLE.

KEY PLAN

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DOUGLAS ISLAND BUILDING
OAH TENANT IMPROVEMENT

B.C. HAIGHT
EE 4800
PROFESSIONAL ENGINEER
11 Jan 17

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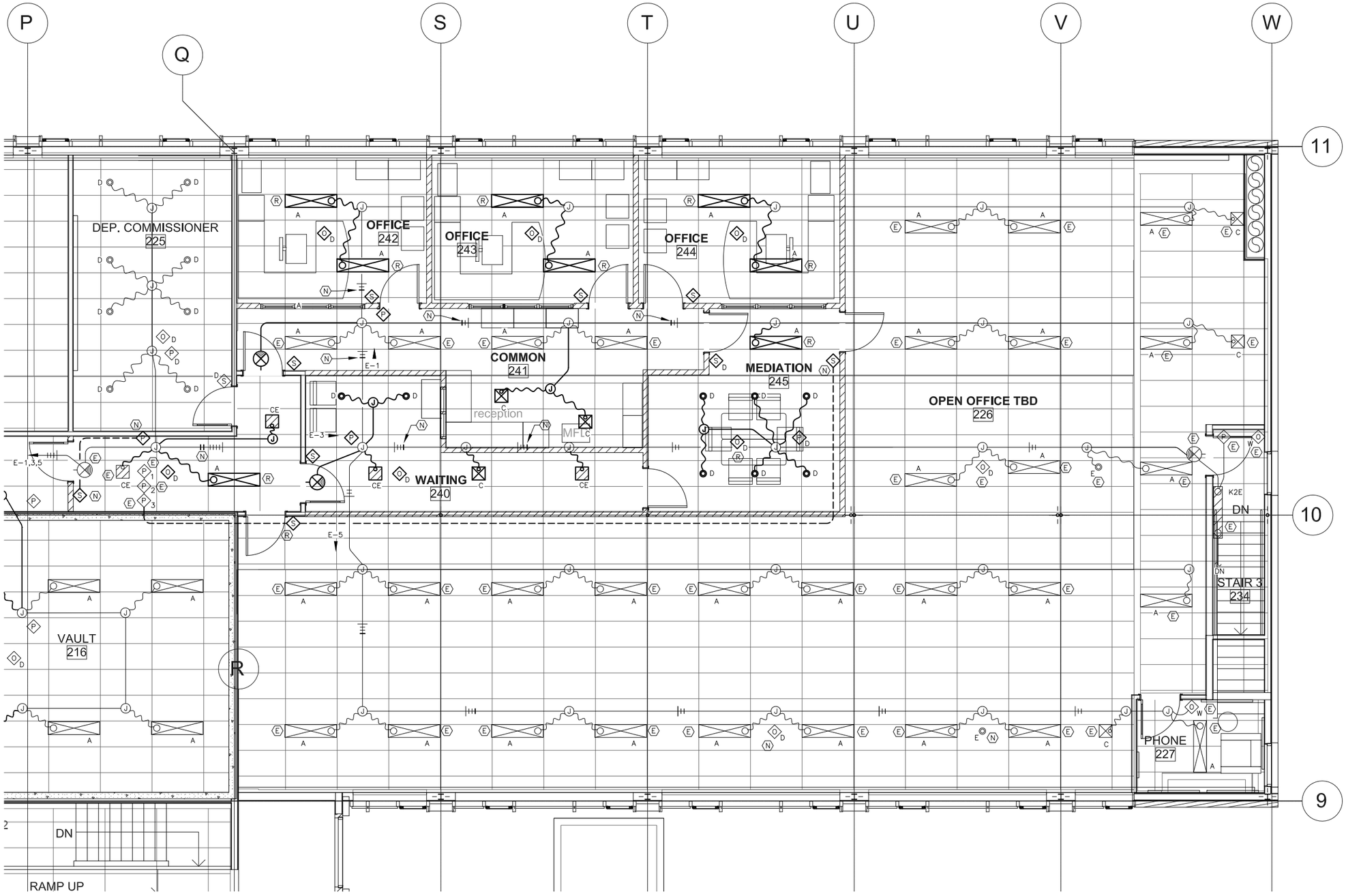
DRAWN BY: PEL, REJ

E2.1

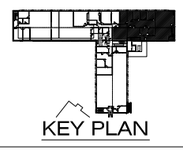
PARTIAL FIRST FLOOR - POWER

PROJECT DESIGNATION NUMBER	
2017-0222-3531	
STATE	YEAR
ALASKA	2017



1 PARTIAL FIRST FLOOR TI IMPROVEMENTS - LIGHTING
SCALE: 1/4" = 1'-0"

NOTE: LIGHTING CONTROL CIRCUITS NOT SHOWN. PROVIDE POWER PACKS WITH DIMMING CONTROL WHERE DIMMING CONTROL STATION IS IDENTIFIED.



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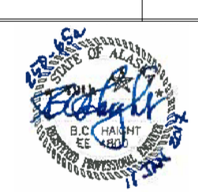
OAH TENANT IMPROVEMENT



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DRAWN BY: PEL, REJ

E3.1

PARTIAL FIRST FLOOR - LIGHTING

PROJECT DESIGNATION NUMBER
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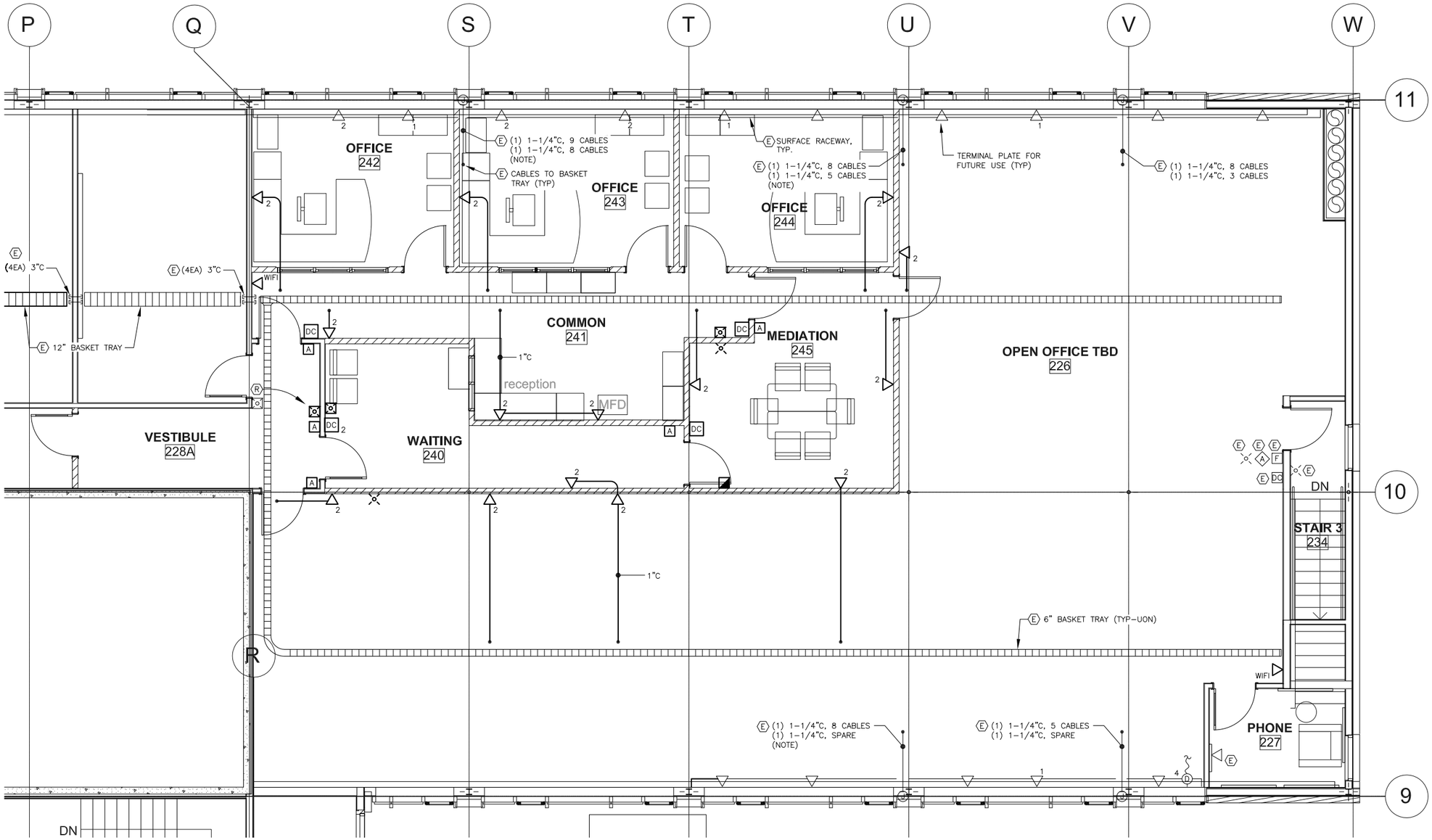
STATE	YEAR
ALASKA	2017

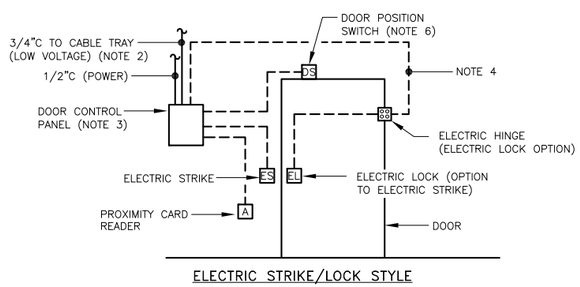


1 PARTIAL FIRST FLOOR TI IMPROVEMENTS - DATA

SCALE: 1/4" = 1'-0"

NOTES:

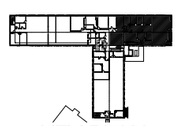
1. REPOSITION EXISTING UNUSED DATA CABLES TO NEW TERMINALS. REFER TO E1.3. PROVIDE NEW CABLES WHERE EXISTING CABLES HAVE INADEQUATE LENGTH. TEST ALL REPOSITIONED CABLES.
2. PROVIDE ACCESS CONTROL DEVICES IDENTICAL TO EXISTING.



1 LINE DIAGRAM - DOOR ACCESS CONTROLS (SPEC 087100)

NOTES:

1. 1/2"C (POWER), 3/4"C (LOW VOLTAGE), ROUTE LOW VOLTAGE CONDUIT TO NEAREST CABLE TRAY.
2. LOCATE DEVICES PER PLANS AND DOOR HARDWARE VENDOR, MOUNT PANEL ABOVE CEILING, UNLESS OTHERWISE NOTED.
3. LOW VOLTAGE CABLES IN CONCEALED RACEWAYS PER DOOR HARDWARE VENDOR (TYP).
4. PUSHBUTTON STATION PER SPEC 087100.
5. RECESS MOUNTED MAGNETIC DOOR SWITCHES PER SPEC 087100. SINGLE POLE, CLOSED WITH DOOR.



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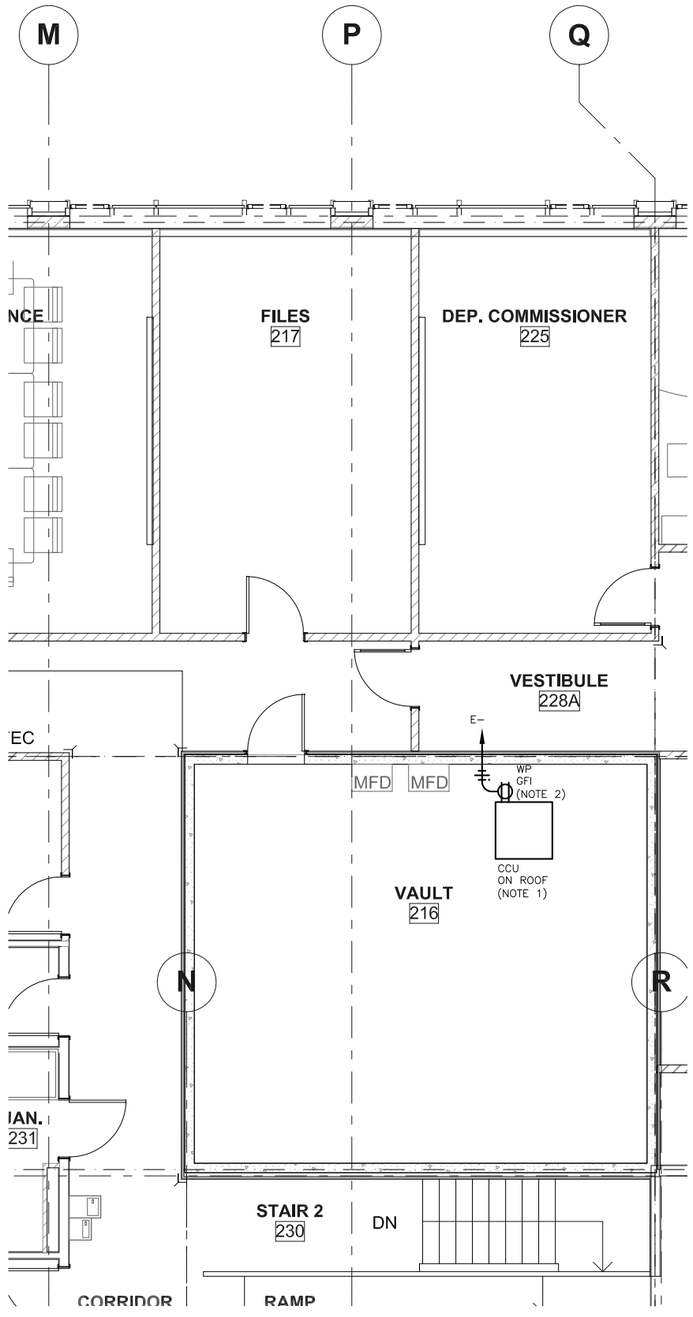
DRAWN BY: PEL, REJ

E4.1

PARTIAL FIRST FLOOR - DATA

PROJECT DESIGNATION NUMBER	
2017-0222-3531	
STATE	YEAR
ALASKA	2017

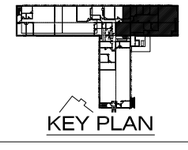
Plotted 1/11/2017 8:44 AM by Peggy Leslie F:\PROJECTS\250 NORTHWIND ARCHITECTS\65A DIB TI IMPROVEMENTS REDESIGN\DRAWINGS\WORKING\E4.1.DWG



1 PARTIAL FIRST FLOOR - VENTILATION
SCALE: 1/4" = 1'-0"

NOTES:

1. PROVIDE A CIRCUIT FROM PANEL E FOR THE CCU(S). COORDINATE CIRCUIT BREAKER AND CONDUIT/CONDUCTOR REQUIREMENTS WITH MECHANICAL CONTRACTOR.
2. MOUNT RECEPTACLE TO THE CCU OR STAND AT +24".
3. PROVIDE CIRCUITS FROM PANELS D AND E TO THE INDOOR FAN COIL UNITS. USE PANEL D FOR EQUIPMENT IN THE NORTH WING AND PANEL E FOR EQUIPMENT IN THE SOUTH WING. COORDINATE CIRCUIT BREAKER AND CONDUIT/CONDUCTOR REQUIREMENTS WITH MECHANICAL CONTRACTOR.


KEY PLAN

January 11, 2017

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

STATE OF ALASKA
DEPARTMENT OF ADMINISTRATION
Division of General Services
Facilities Section
PO Box 11210
Juneau, AK 99811-0210

DOUGLAS ISLAND BUILDING
OAH TENANT IMPROVEMENT

NorthWind Architects, LLC
www.NorthWindArch.com
126 Seward Street
Juneau, AK, 99801

Haight & Associates, Inc.
526 Main St
Juneau, Alaska, 99801

1" ACTUAL

IF THE ABOVE DIMENSION DOES NOT MEASURE ONE INCH (1") EXACTLY, THIS DRAWING WILL HAVE BEEN ENLARGED OR REDUCED, AFFECTING ALL LABELED SCALES.

DRAWN BY: PEL, REJ

E5.1

PARTIAL FIRST FLOOR - VENTILATION

PROJECT DESIGNATION NUMBER
2017-0222-3531

STATE	YEAR
ALASKA	2017