

MT EDGE CUMBE HIGH SCHOOL CLASSROOM RENOVATION BUILDING 290 & 299

SITKA, ALASKA

APRIL 30, 2004

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1 A001 COVER SHEET
2 A002 BUILDING LOCATION MAP

SHEET INDEX: SET 1 BUILDING 290

AS-BUILTS P. 67551-1
BEGIN DATE: 6-2-04
END DATE: 8-27-04
D. Newell project engineer

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4 A102 DEMOLITION PLAN
5 A201 FLOOR PLAN
6 A202 FLOOR PLAN
7 A601 REFLECTED CEILING PLAN
8 A602 REFLECTED CEILING PLAN

NO DRAWINGS
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NO DRAWINGS
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9 E100 LEGEND AND PANEL SCHEDULES
10 E101 DEMOLITION FIRST FLOOR
11 E102 DEMOLITION SECOND FLOOR
12 E201 FIRST FLOOR POWER/SIGNAL
13 E202 SECOND FLOOR POWER/SIGNAL
14 E301 FIRST FLOOR LIGHTING
15 E302 SECOND FLOOR LIGHTING

SHEET INDEX: SET 2 BUILDING 299

16 A101 DEMOLITION PLAN
17 A201 FLOOR PLAN
18 A301 BUILDING SECTION & DETAILS
19 A601 REFLECTED CEILING PLAN

NO DRAWINGS
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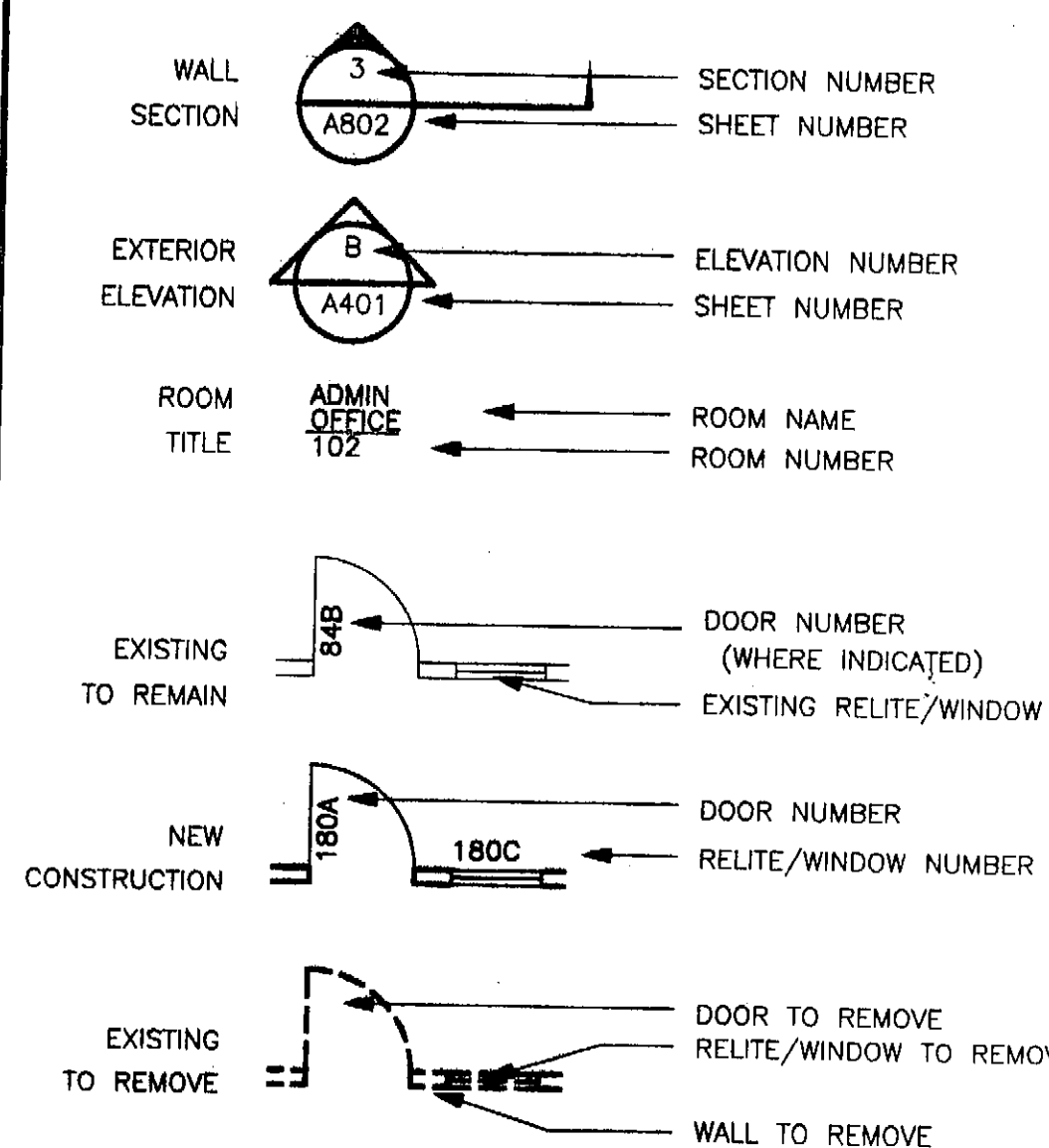
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20 E100 LEGEND PANEL SCHEDULE DEMOLITION PHOTOS
21 E101 DEMOLITION SECOND FLOOR
22 E201 SECOND FLOOR POWER/SIGNAL
23 E301 SECOND FLOOR LIGHTING

ABBREVIATIONS

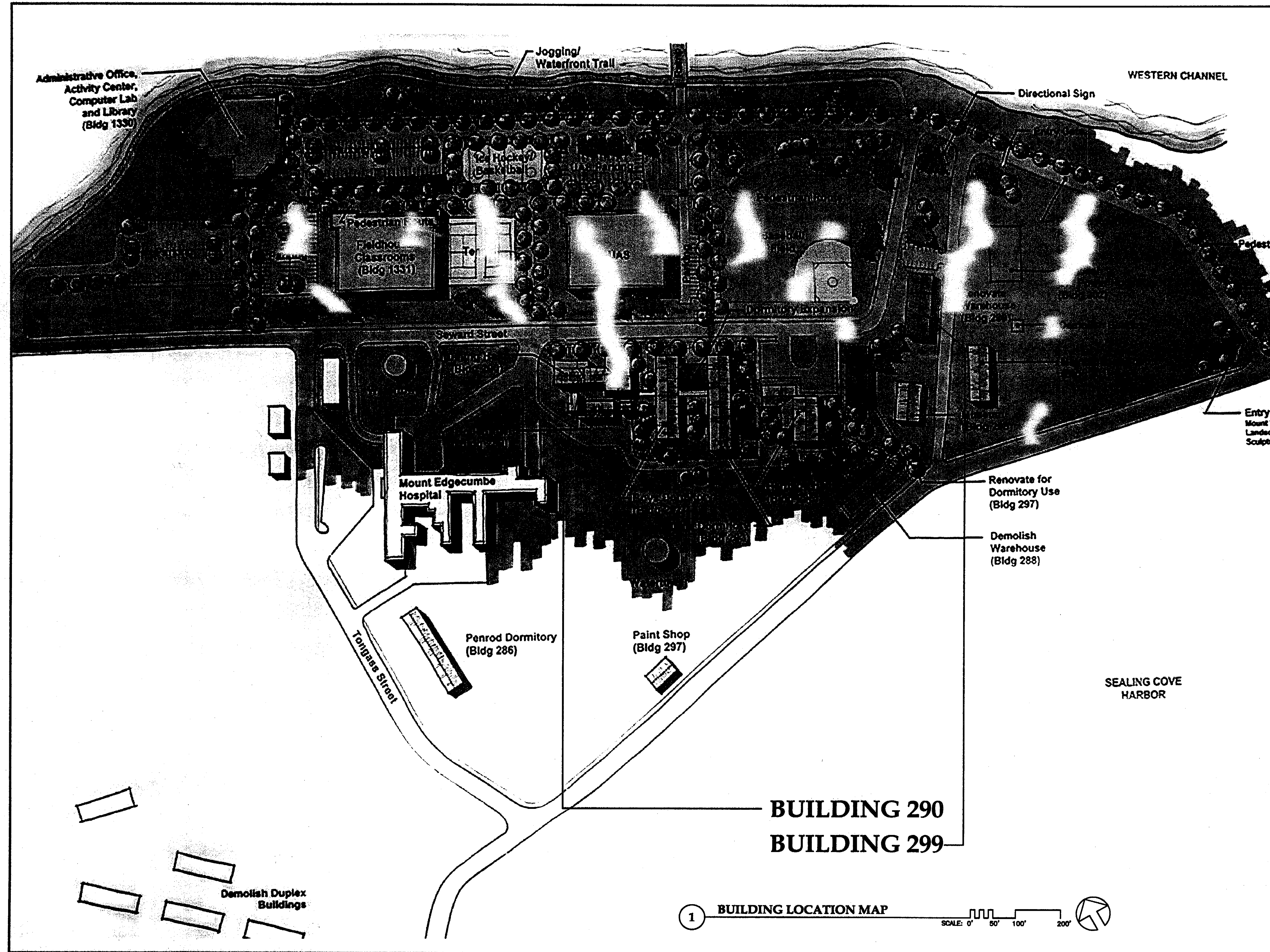
SYMBOLS

A	AND	DBL	DOUBLE	FLUOR	FLUORESCENT	M	MIRROR	R	RISER	TB	TOWEL BAR
L	ANGLE	DEPT	DEPARTMENT	FDC	FACE OF CONCRETE	MAX	MAXIMUM	RAD	RADIUS	TC	TOP OF CURB
AT	AT	DF	DRINKING FOUNTAIN	FOF	FACE OF FINISH	MC	MEDICINE CABINET	RAU	RUBBERIZED ASPHALT	TEL	TELEPHONE
CL	CENTERLINE	DET	DETAIL	FOS	FACE OF STUDS	MDO	MEDIUM DENSITY OVERLAD	RD	ROOF DRAIN	TEMP	TEMPORARY
D	DIAMETER	DIA	DIAMETER	FRP	FIBERGLASS REINFORCED POLYESTER	MECH	MECHANICAL	REF	REFERENCE	T&G	TONGUE & GROOVE
#	NUMBER	DIM	DIMENSION	FPRF	FIREPROOF	MEMB	MEMBRANE	REFR	REFRIGERATOR	THK	THICK
ACOUS	ACOUSTICAL	DN	DOWN	FSR	FIRE RETARDANT	MFR	MANUFACTURER	REINF	REINFORCED	TOC	TOP OF CONCRETE
AC	ASPHALT CONCRETE	DR	DOOR	FT	FLEXIBLE SHEET ROOFING	MH	MANHOLE	REQ	REQUIRED	TOD	TOP OF DECK
ACM	ASBESTOS CONTAINING MATERIAL	DS	DOWNSPOUT	FTG	FOOT OR FEET	MIN	MINIMUM	RESIL	RESILIENT	TP	TOP OF PAVEMENT
ADJ	ADJUSTABLE	DWG	DRAWING	FUR	FURRING	MISC	MISCELLANEOUS	RH	ROBE HOOK	TPD	TOILET PAPER DISPENSER
AFF	ABOVE FINISH FLOOR	DWR	DRAWER	FURR	FUTURE	MO	MASONRY OPENING	RM	ROOM	TRD	TREAD
AIB	AIR INFILTRATION BARRIER	E	EAST	FUT	FUTURE	MTL	METAL	RO	ROUGH OPENING	TRTD	PRESSURE TREATED
AL	ALUMINUM	EA	EACH			RUB	RUBBER	RUB	RUBBER	TV	TELEVISION
AP	ACOUSTICAL PANEL	EF	EXHAUST FAN			RWD	REDWOOD	RWL	RAIN WATER LEADER	TOW	TOP OF WALL
APPROX	APPROXIMATE	EFS	EXTERIOR INSULATION & FINISH SYSTEM			MUL	MULLION			TYP	TYPICAL
ARCH	ARCHITECTURAL	EJ	EXPANSION JOINT			N	NORTH	S	SOUTH	UL	UNDERWRITER LABORATORY
ASB	ASBESTOS	EL	ELEVATION			NIC	NOT IN CONTRACT	SC	SOLID CORE	UNF	UNFINISHED
AST	ABOVE GROUND STORAGE TANK	ELEC	ELECTRICAL			NO OR #	NUMBER	SCD	SEAT COVER DISPENSER	UON	UNLESS OTHERWISE NOTED
BD	BOARD	ELEV	ELEVATOR			NOM	NOMINAL	SCHED	SCHEDULE	UR	URINAL
BTUM	BITUMINOUS	EMER	EMERGENCY			NTS	NOT TO SCALE	SD	SOAP DISPENSER	UST	UNDERGROUND STORAGE TANK
BLDG	BUILDING	ENR	ENTRY MAT			O/	OVER	SECT	SECTION	VB	VAPOR BARRIER
BLK	BLOCK	ENCL	ENCLOSURE			OA	OVERALL	SF	SQUARE FOOT	VCT	VINYL COMPOSITION TILE
BLKG	BLOCKING	EP	ELECTRICAL PANELBOARD			OC	ON CENTER	SH	SHelf	VERT	VERTICAL
BM	BEAM	EPDM	ETHYLENE PROPYLENE DIENE MONOMER			OD	OUTSIDE DIAMETER	SHR	SHOWER	VEST	VESTIBULE
BOT	BOTTOM					OFD	OVERFLOW DRAIN	SHTH	SHOWER	VP	VENT PIPE
						OFF	OFFICE	SM	SIMILAR	VTR	VENT THROUGH ROOF
						OPNG	OPENING	SIP	STRUCTURAL INSULATED PANEL		
CAB	CABINET	EQ	EQUAL			OSB	ORIENTED STRAND BOARD	SND	SANITARY NAPKIN DISPENSER	W	WIDE
CATCH	CATCH BASIN	EOP	EQUIPMENT			PL	PLATE	SNR	SANITARY NAPKIN RECEPTACLE	WC	WATER CLOSET
CEM	CEMENT	EX	EXISTING			PLAM	PLASTIC LAMINATE	SPEC	SPECIFICATIONS	WO	WOOD
CER	CERAMIC	EXP	EXPOSED			PLAS	PLASTER	SQ	SQUARE	W/O	WITHOUT
CG	CORNER GUARD	EXT	EXTERIOR			PC	PRE-CAST	STA	STATION	WP	WATERPROOF
CHAN	CHANNEL					PF	PRE-FINISHED	STC	SOUND TRANSMISSION CLASS	WR	WASTE RECEPTACLE
CI	CAST IRON					PR	PAIR	STD	STANDARD	WSCOT	WAINSCOT
CLG	CEILING	FA	FIRE ALARM			PT	PAINT	STL	STEEL	WT	WEIGHT
CLD	CLOUING	FB	FLAT BAR			PRE	PRE-FINISHED	STOR	STORAGE	WWF	WELOED WIRE FABRIC
CLO	CLOSET	FD	FLOOR DRAIN			PR	PAIR	STRUCT	STRUCTURAL		
CLR	CLEAR	FF	FIRE FLOOR			PT	PAINT	SS	STAINLESS STEEL		
CNTR	COUNTER	FFC	FIRE EXTINGUISHER CAB			PIN	PAPER TOWEL DISPENSER	SUSP	SUSPENDED		
COL	COLUMN	FFH	FIRE HOSE CABINET			PVC	POLYVINYL CHLORIDE	SY	SQUARE YARD		
CONC	CONCRETE	FLR	FLOOR			PWD	PLYWOOD	SV	SHEET VINYL		
CONN	CONNECTION					QT	QUARRY TILE				
CONT	CONTINUOUS										
CORR	CORRIDOR										
CPT	CARPET										
CT	CERAMIC TILE										
CTR	CENTER										
CTSK	COUNTERSUNK										



Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. D. Newell Date 3-3-07

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES SOUTHEAST REGION	
APPROVED <u>P. Kemp</u> Patrick J. Kemp, P.E. Regional Preconstruction Engineer	Date <u>5/4/04</u>
APPROVED <u>G. Paxton</u> Gary L. Paxton Regional S.E. Director	Date <u>5/4/04</u>
Certified True and Correct As-Built of Actual Field Condition	
CONSTRUCTION PROJECT ENGINEER	
	
A001	
SHEET NUMBER	TOTAL SHEETS
1	23



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RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

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STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION
 MT EDGECUMBE
 HIGH SCHOOL
 CLASSROOM
 RENOVATION

SHEET A002	
PROJECT DESIGNATION NUMBER	
67751	
STATE	YEAR
ALASKA	2004
SHEET NUMBER	TOTAL SHEETS
2	23

1 BUILDING LOCATION MAP

SCALE: 0' 50' 100' 200'

SHEET GENERAL NOTES

DEMOLITION WORK IS TO BE PERFORMED BY ABATEMENT
CONTRACTOR FOR ALL COMPONENTS DESCRIBED IN ABATEMENT WORK

KEY NOTES

- 1 REMOVE EXISTING SUSPENDED TYPE 1 GREASE HOOD
& ASSOCIATED MECH & ELEC
INCLUDING THROUGH WALL EXHAUST & HOOD

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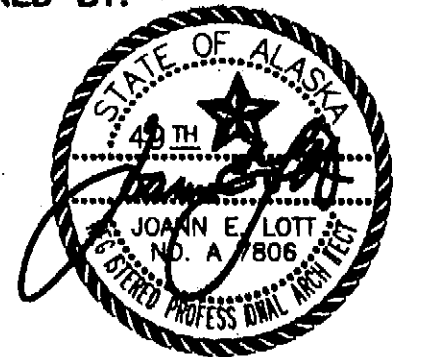
ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

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SERVICES DIVISION

MT EDGECUMBE
HIGHSCHOOL
CLASSROOM
RENOVATION
BUILDING 290

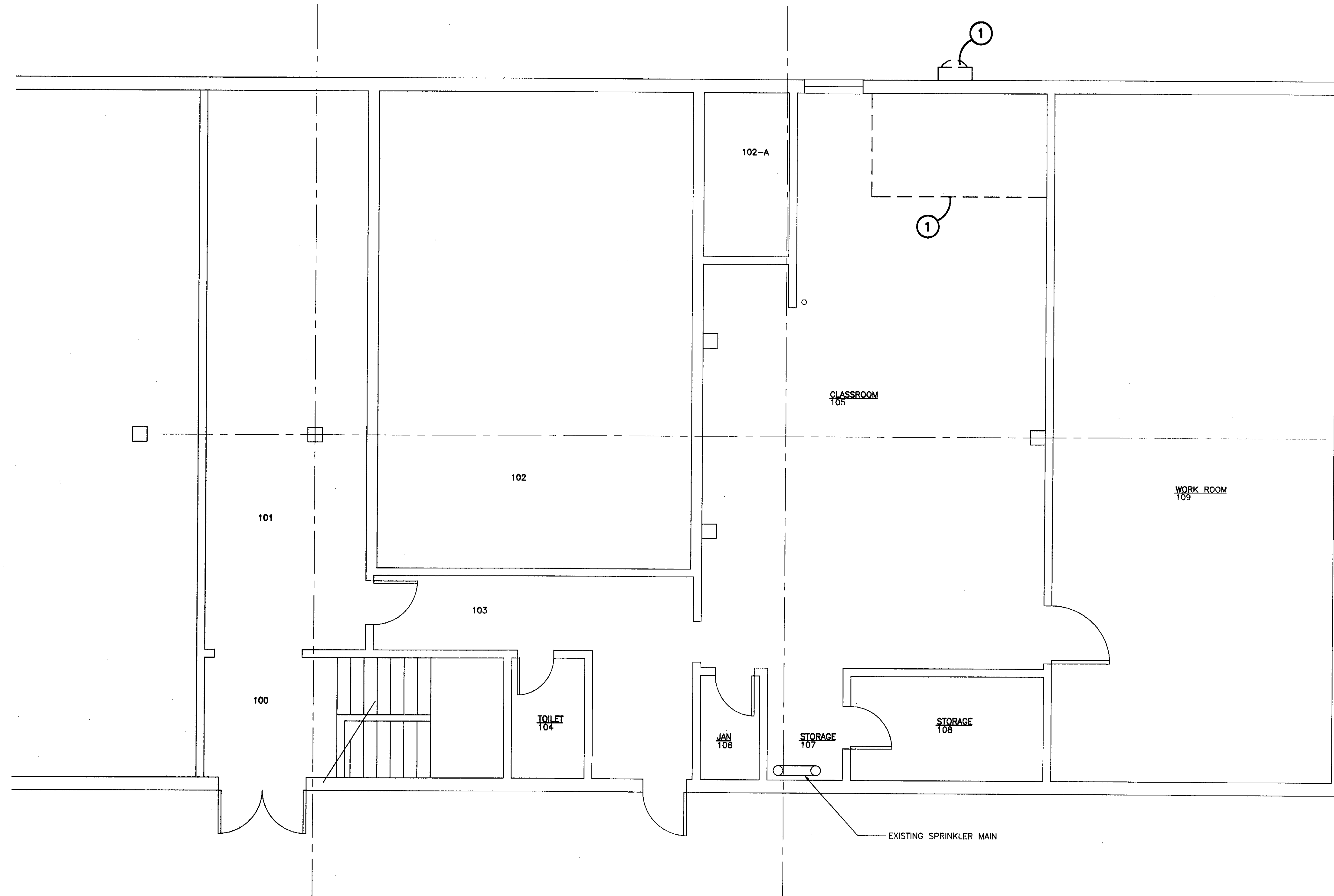
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PROJECT DESIGNATION NUMBER

67751

STATE	YEAR
ALASKA	2004

SHEET NUMBER	TOTAL SHEETS
3	23



Project As-Built Drawings have been
reviewed by the Project Engineer and
represent to the best of my knowledge, the
project as constructed.
Proj. Eng. *[Signature]* Date 3-3-07

1 1ST FLOOR DEMOLITION PLAN - BUILDING 290

SCALE: 0 2' 4' 8'



SHEET GENERAL NOTES

DEMOLITION WORK IS TO BE PERFORMED BY ABATEMENT CONTRACTOR FOR ALL COMPONENTS DESCRIBED IN ABATEMENT WORK

KEY NOTES

- 1 REMOVE EXISTING WALL INCLUDING ELEC OUTLETS & SWITCHES
- 2 REMOVE EXISTING DOOR & FRAME
- 3 REMOVE EXISTING BASE CABINETS & COUNTER
- 4 REMOVE EXISTING HALF HEIGHT WALL SEE MECH & ELEC FOR EX MECH PIPING, ELEC DEVICES & CONDUIT
- 5 REMOVE EXISTING SINKS SALVAGE 2 FOR RELOCATION
- 6 EXISTING ASBESTOS TILE FLOORING TO REMAIN. DO NOT DISTURB
- 7 REMOVE EXISTING TACK BOARD, WHITE BOARD AND PROJECTION SCREEN. SALVAGE FOR REUSE.

8 Removing Existing 1/4 drain
COW 6

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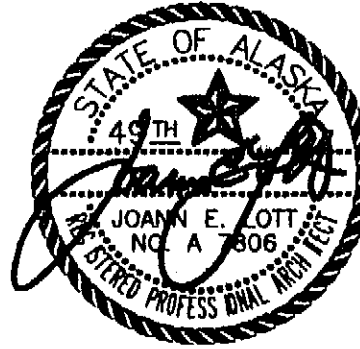
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RENOVATION
BUILDING 290

SHEET A102

PROJECT DESIGNATION NUMBER

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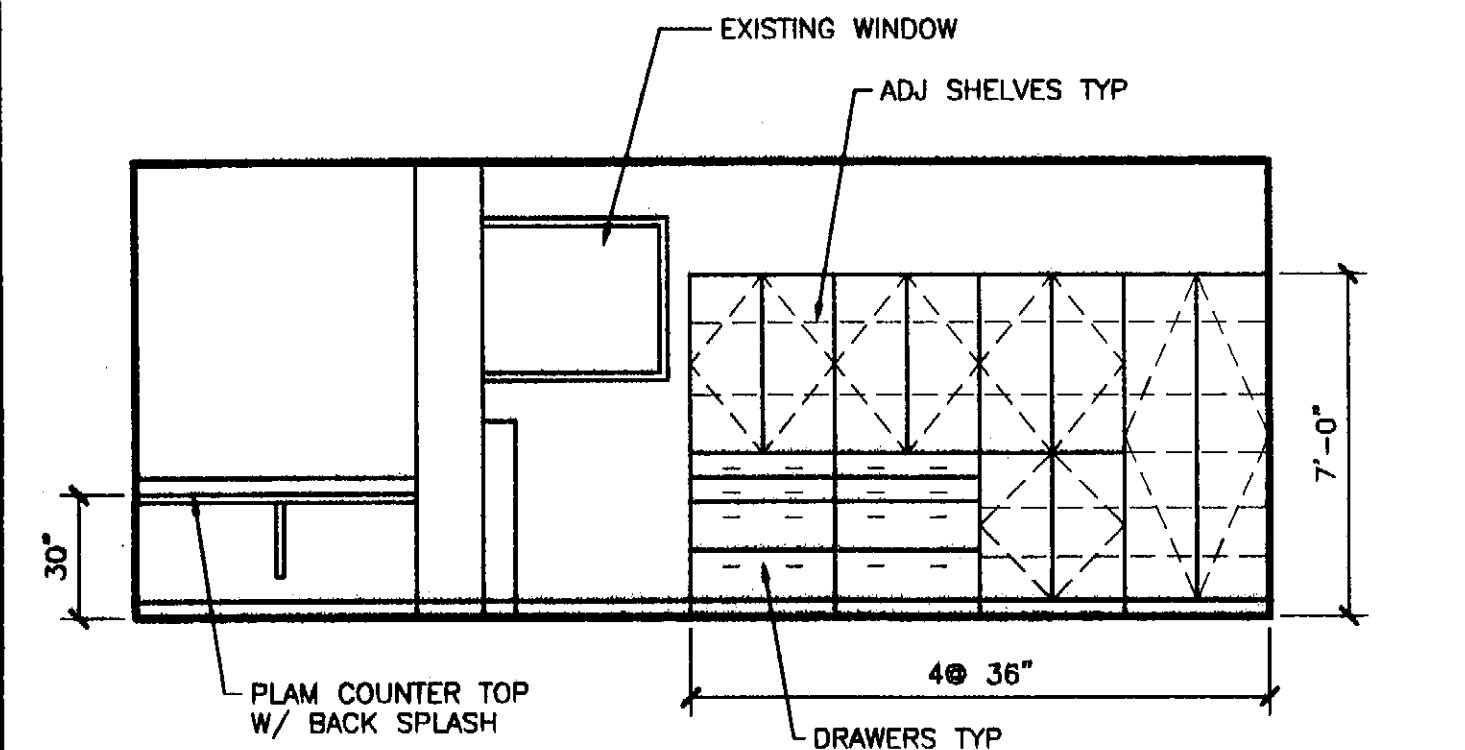
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ALASKA	2004
SHEET NUMBER	TOTAL SHEETS
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1 2ND FLOOR DEMOLITION PLAN - BUILDING 290

SCALE: 0 2' 4' 8'

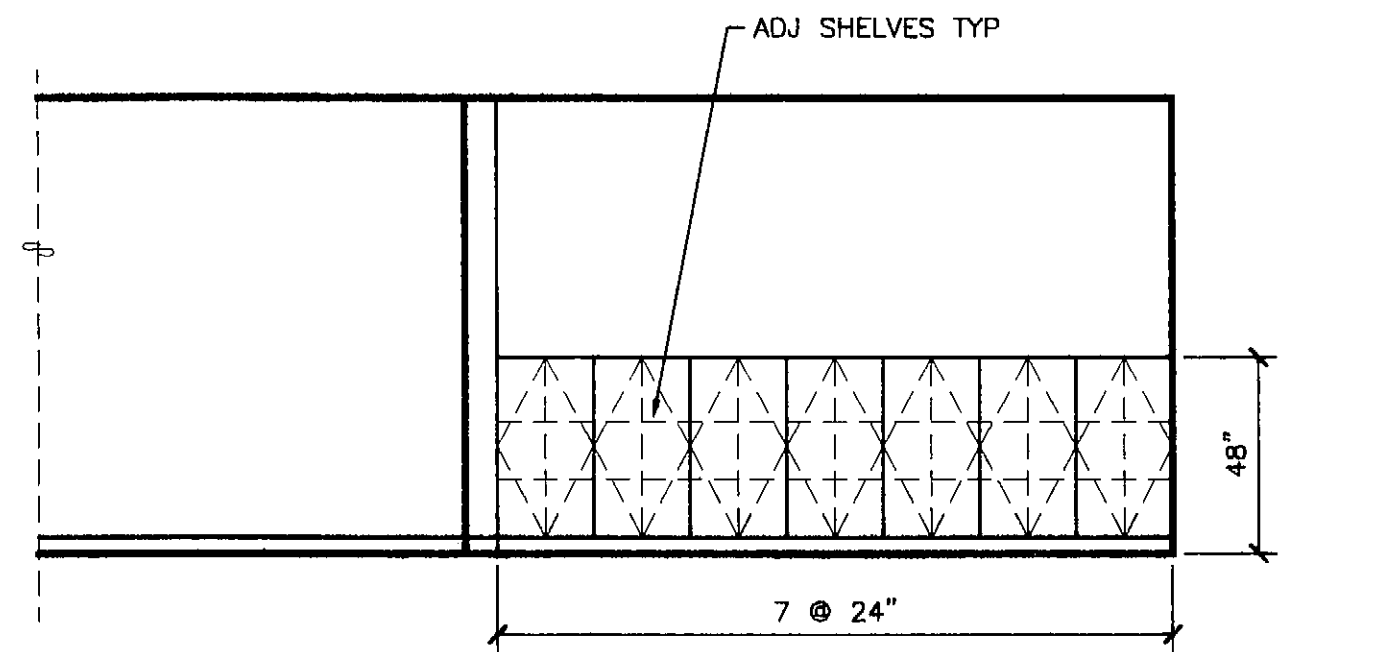


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Proj. Eng. *J. Lott* Date *3-3-07*



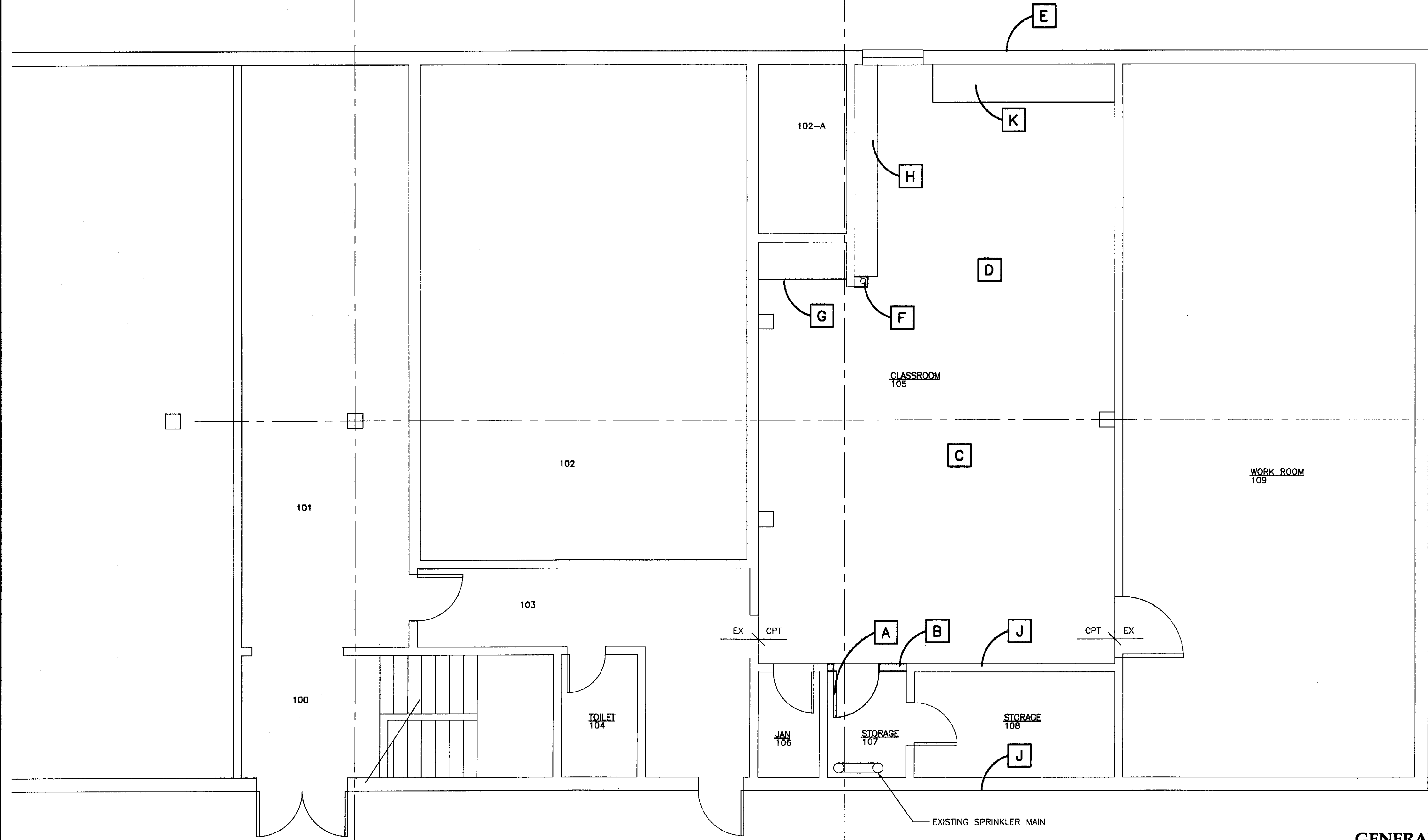
2 INTERIOR ELEVATION RM105

SCALE: 0 2' 4' 8'



3 INTERIOR ELEVATION RM105

SCALE: 0 2' 4' 8'



1 1ST FLOOR PLAN - BUILDING 290

SCALE: 0 2' 4' 8'

KEY NOTES

- A 3'-0"x7'-0" WD DOOR IN HOLLOW METAL FRAME DOOR HARDWARE GROUP 1
- B 2X6 STUD @ 16" OC W/ 5/8" GWB EA SIDE FROM FLOOR TO SLAB ABOVE ±13'-6"
- C CARPET & 4" BASE
- D PAINT ALL WALLS FROM FLOOR TO EX UNDERSIDE OF SLAB ABOVE
- E PATCH EXISTING WALL PENETRATIONS WHERE HOOD MECHANICAL AND ELECTRICAL COMPONENTS ARE REMOVED. PATCH EXTERIOR WITH CONCRETE, FLUSH WITH EXISTING. PAINT. PATCH INTERIOR WITH WOOD FURRING AND 5/8" GWB AS REQUIRED TO PROVIDE FINISH FLUSH WITH EXISTING.
- F ENCLOSE EXISTING PIPE 2X4 EACH SIDE AND 5/8" GWB TO 12" ABOVE NEW CEILING.
- G PLASTIC LAMINATE COUNTER TOP 30" DEEP PROVIDE MANUFACTURERES STANDARD STEEL SUPPORT BRACKET AT MID SPAN 2/A201
- H PLASTIC LAMINATE STORAGE CABINETS 18" DEEP 3/A201
- J CUT & PATCH WALL AS REQUIRED TO INSTALL CUH EXHAUST DUCT DESCRIBED IN MECH WORK
- J PLASTIC LAMINATE STORAGE CABINETS 30" DEEP 2/A201

GENERAL NOTES

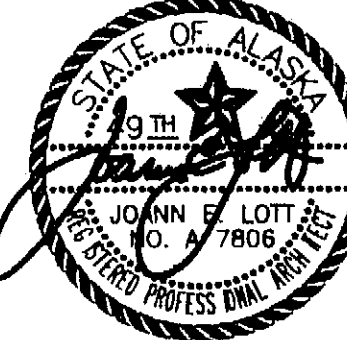
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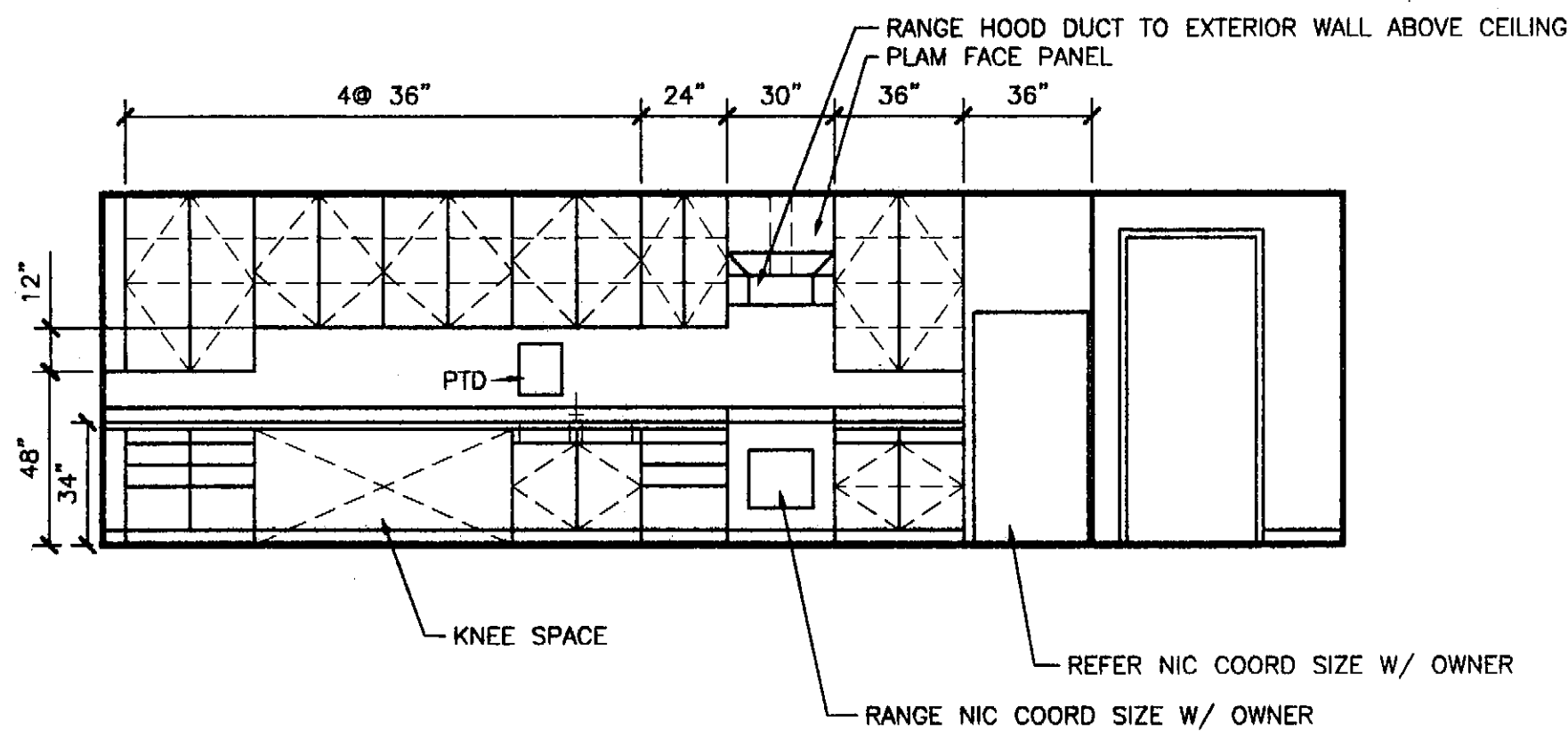


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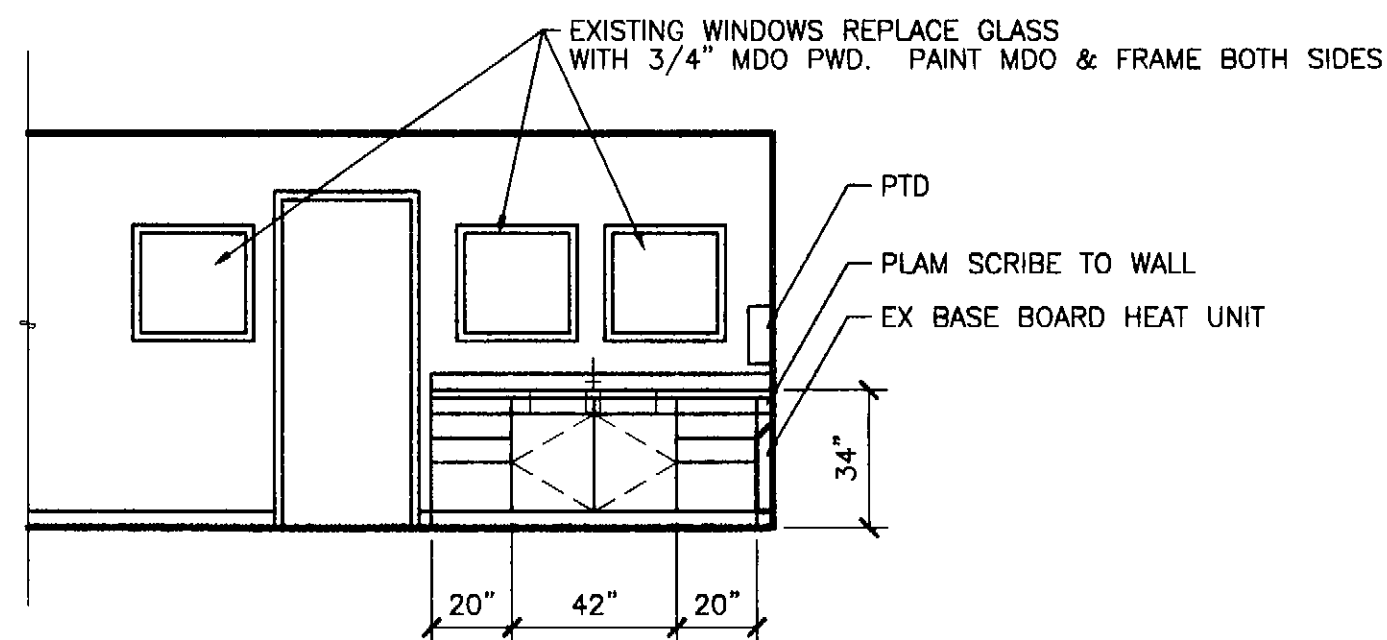
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RENOVATION
BUILDING 290

SHEET A201	
PROJECT DESIGNATION NUMBER	
67751	
STATE	YEAR
ALASKA	2004
SHEET NUMBER	TOTAL SHEETS
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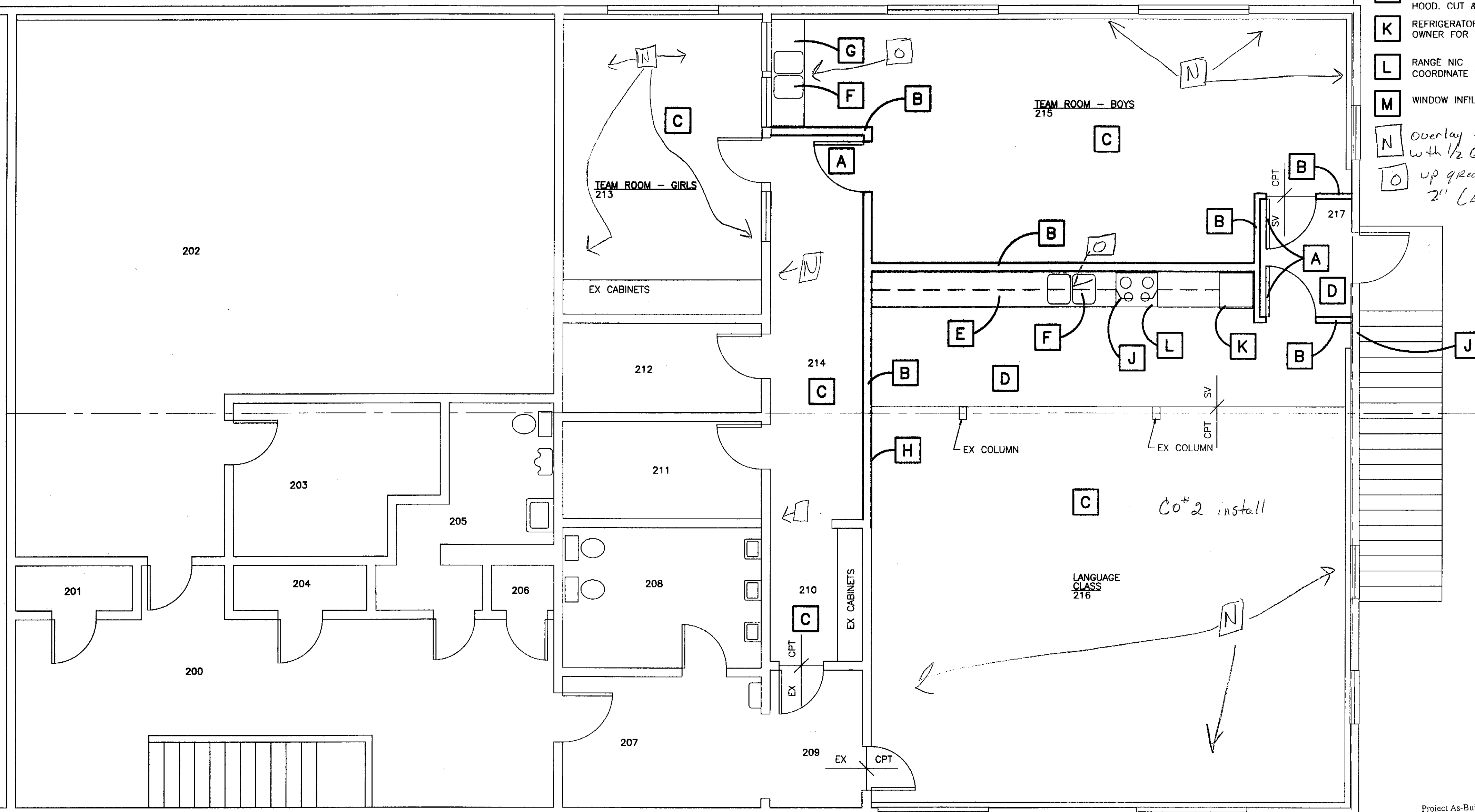
2 INTERIOR ELEVATION 216
SCALE: 0 2' 4' 8'



3 INTERIOR ELEVATION 215
SCALE: 0 2' 4' 8'

KEY NOTES

- A 3'-0"x7'-0" WD DOOR IN HOLLOW METAL FRAME. HARDWARE GROUP 2.
- B 2X6 STUD @ 16" OC W/ 2 LAYERS 5/8" GWB EA SIDE & BATT INSUL FROM FLOOR TO UNDERSIDE OF STRUCTURE ABOVE ±14'-0"
- C CARPET & 4" BASE. PROVIDE RESILIENT TRANSITION STRIP BETWEEN SHEET VINYL & CARPET TYP
- D SHEET VINYL & 4" BASE
- E 24" DEEP PLAM BASE CABINETS W/ POST FORMED PLAM COUNTER TOP, 14" DEEP WALL CABINETS 2/A202
- F INSTALL EXISTING SALVAGED SINK AS DESCRIBED IN MECH WORK
- G 24" DEEP BASE CABINETS W/ POST FORMED PLASTIC LAMINATE COUNTER TOP 3/A202
- H INSTALL EXISTING SALVAGED WHITE BOARD, TACK BOARD & PROJECTION SCREEN ALIGN WITH EX WHITE BOARD
- J RANGE HOOD. VENT TO EXTERIOR ABOVE CEILING. PROVIDE METAL DUCT & WALL HOOD. CUT & PATCH WALL.
- K REFRIGERATOR NIC. COORDIANTE WITH OWNER FOR SIZE.
- L RANGE NIC COORDINATE W/ OWNER FOR SIZE
- M WINDOW INFILL SEE 3/A202
- N Overlay existing walls with 1/2 GWB. (Co#2) up grade existing drain to 2" (Existing 1 1/4").



1 2ND FLOOR PLAN - BUILDING 290
SCALE: 0 2' 4' 8'

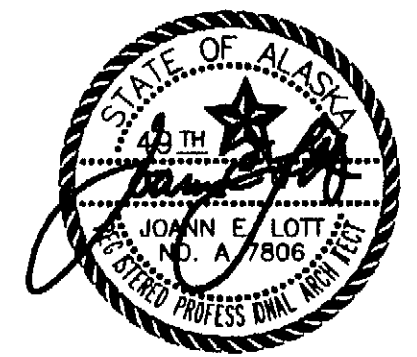
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. *[Signature]* Date: 3-3-07

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RENOVATION
BUILDING 290

SHEET A202

PROJECT DESIGNATION NUMBER

67751

STATE	YEAR
ALASKA	2004
SHEET NUMBER	TOTAL SHEETS
6	23

KEY NOTES

- A

EXISTING CABINET UNIT HEATER
FIT NEW CEILING FLUSH ±1" W/ UNIT
- B

2'X4' CEILING GRID WITH ALUMINUM 12"X12" OPEN
CELL PANELS @ +9'-4". PROVIDE 12 GA
HANGER WIRE CEILING GRID SUPPORTS @ 4'-0"
OC WITH SPLAY BRACING IN CONFORMANCE WITH
IBC SEISMIC REQUIREMENTS. ANCHOR TO
CONCRETE SLAB ABOVE
- C

NEW LIGHT TYP
- D

NEW CABINET UNIT HEATER AS DESCRIBED IN
MECH WORK. FIT NEW CEILING FLUSH ±1" W/
UNIT

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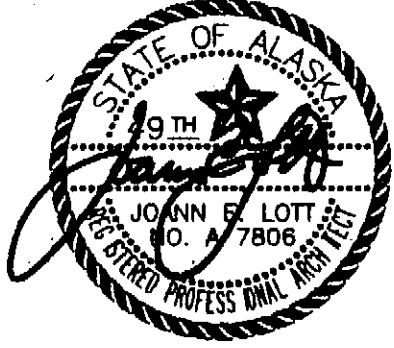
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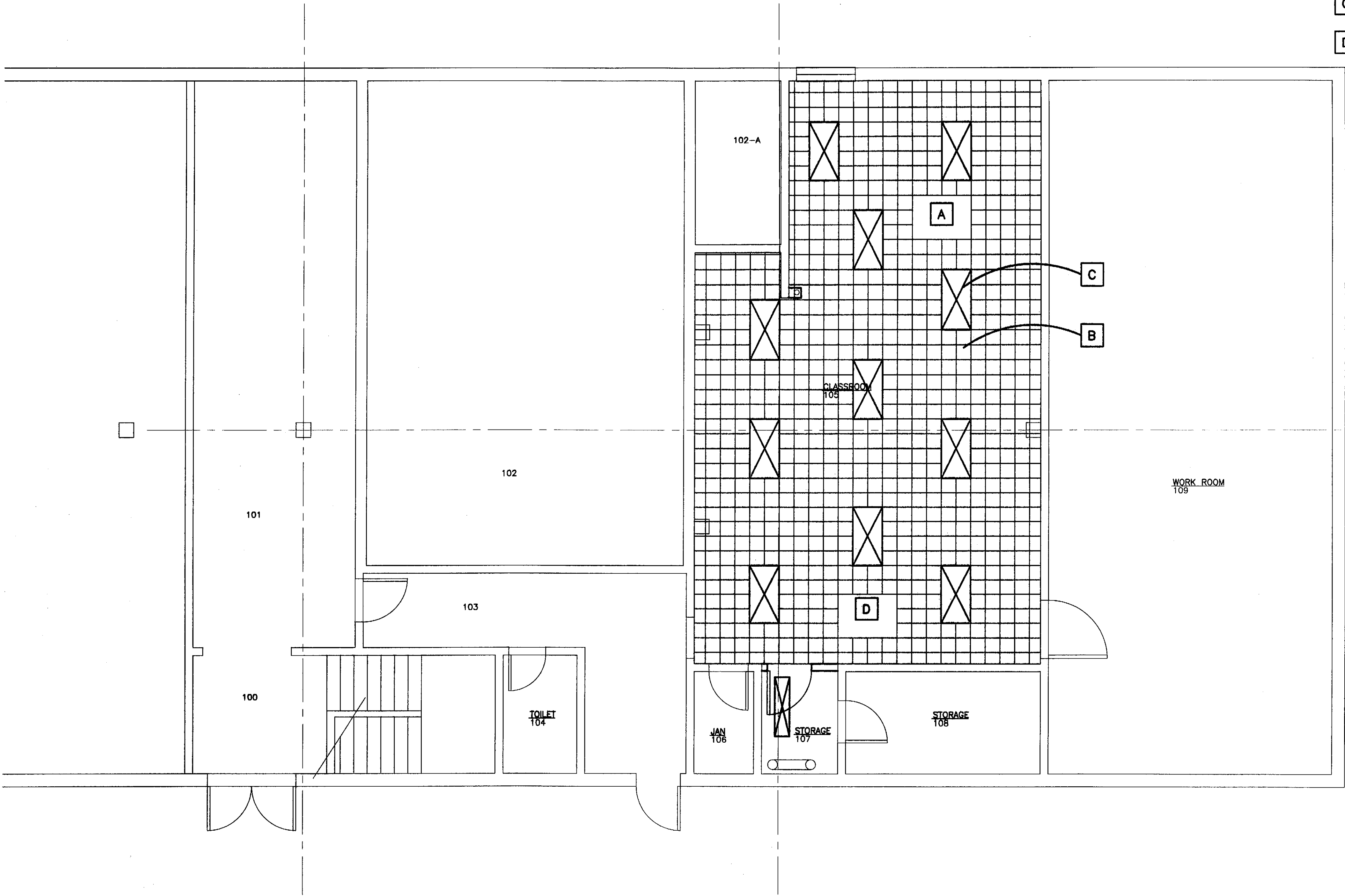
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CLASSROOM
RENOVATION
BUILDING 290

SHEET A601

PROJECT DESIGNATION NUMBER

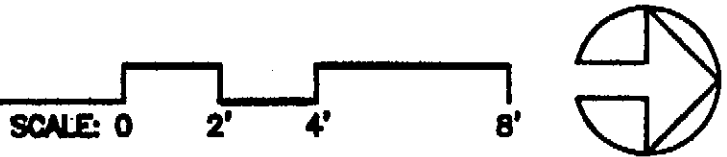
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STATE	YEAR
ALASKA	2004
SHEET NUMBER	TOTAL SHEETS
7	23



Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. *Miss* Date *7-3-07*

1 1ST FLOOR REFLECTED CEILING PLAN - BUILDING 290



KEY NOTES

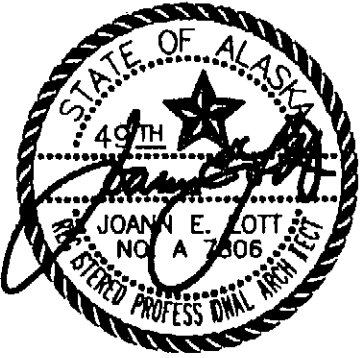
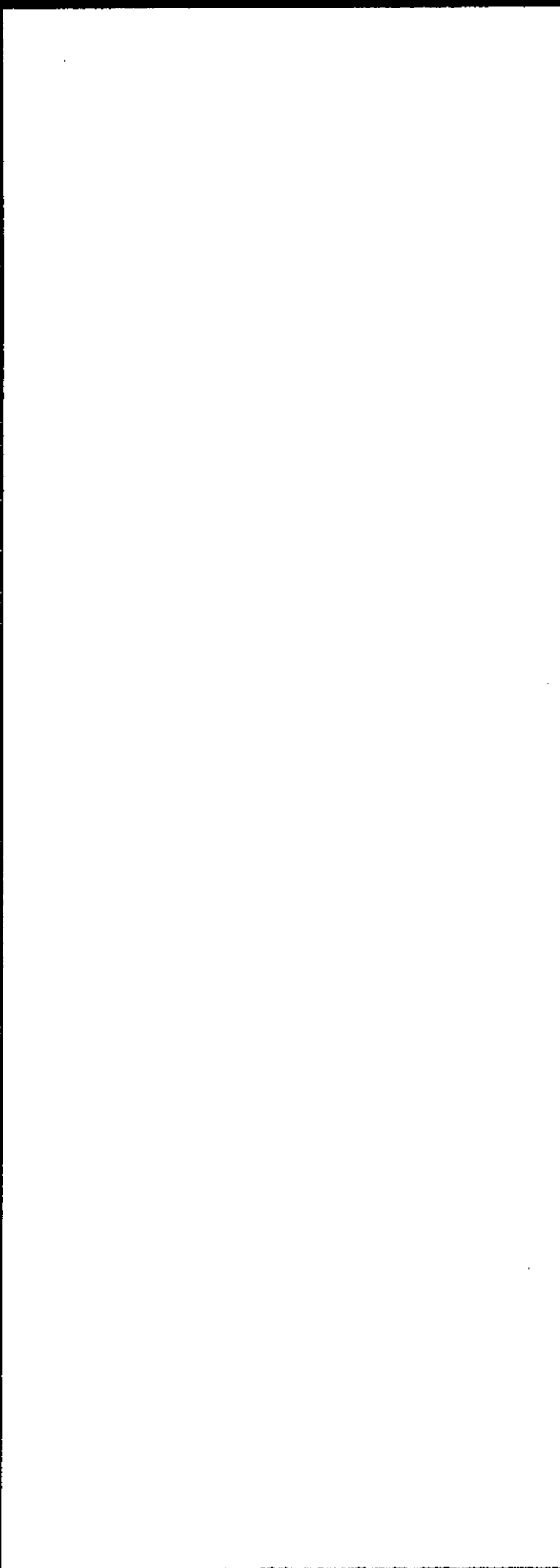
- A RELOCATE EX CEILING TILES AS REQUIRED TO INSTALL NEW LIGHTS TYP.
- B NEW LIGHTS TYP SEE ELECT
- C CUT & PATCH EX CEILING AT NEW WALL
- D PATCH CEILING & GRID TO MATCH EXISTING WHERE WALL IS REMOVED
- E MODIFY SPRINKLER HEAD/SYSTEM AS REQUIRED FOR NEW SPACE. CUT & PATCH CEILING AS REQUIRED

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Tue, 01/Jun/04 03:53PM

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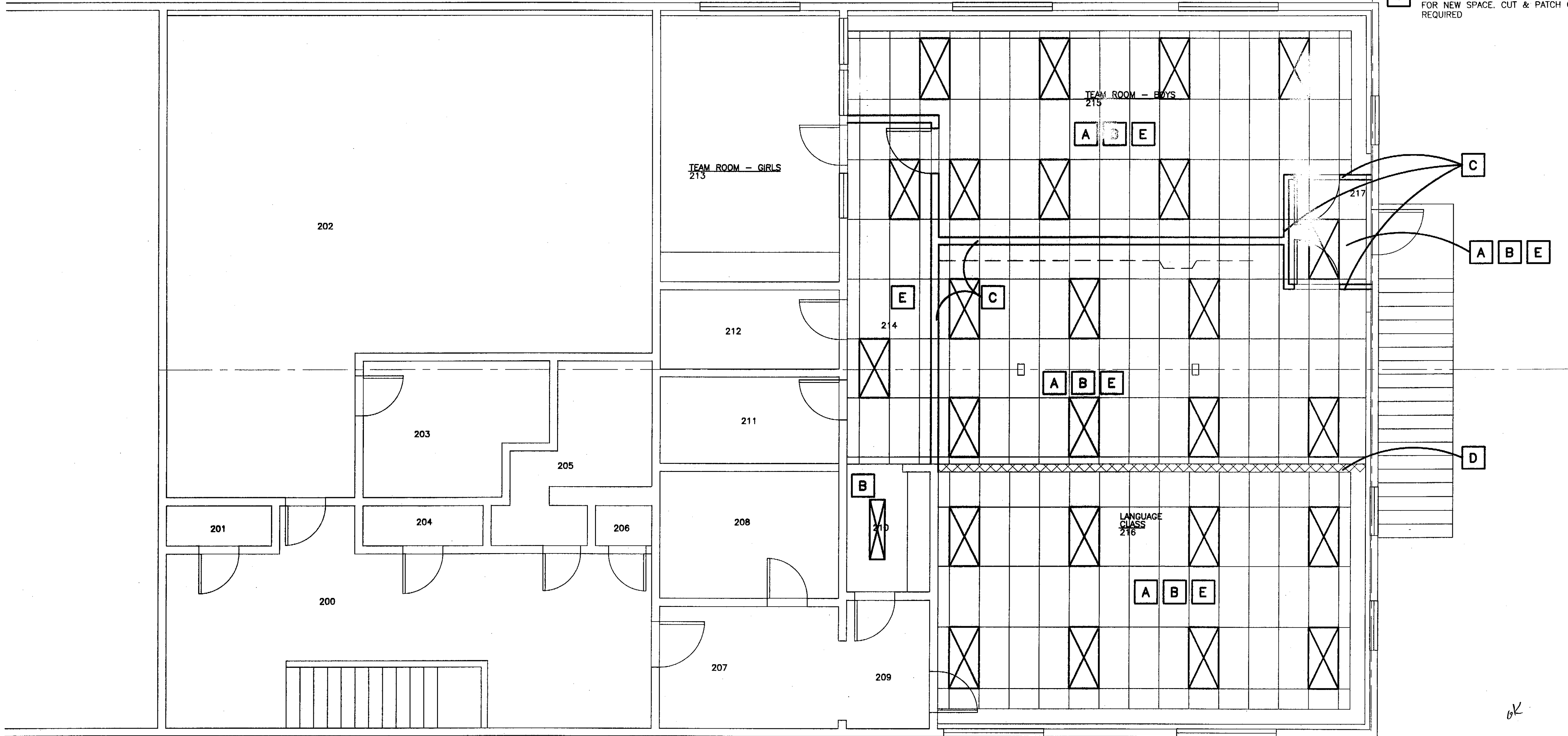


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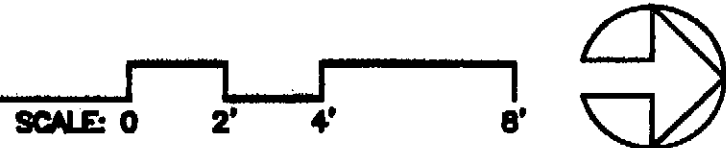
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& PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING
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SHEET A602	
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Proj. Eng. *[Signature]* Date 3-3-07

1 2ND FLOOR REFLECTED CEILING PLAN - BUILDING 290



PANEL B1			SIZE		VOLTS/PHASE			MAIN		LOCATION		MOUNT
(EXISTING)			200 AMPS		120/208V, 3 PH			LUGS ONLY		BLDG 290 STORAGE 108		SURFACE
C K T N O	DESCRIPTION	BREAKER AMP/ POLE	KVA						BREAKER AMP/ POLE	DESCRIPTION	C K T N O	
			CKT	AØ	BØ	CØ	CKT					
1	SPRINKLER SYSTEM COMPRESSOR	20/2	0.0	0.0				0.0	15/2	FREEZER PROCESS FAN	2	
3	----	----	0.0		0.0			0.0	----	----	4	
5	SPARE	20/1	0.0				0.0	0.0	20/1	EXTG LOAD UNKNOWN	6	
7	STORAGE 116	20/1	0.0	0.0				0.0	20/3	DRYER HOME EC	8	
9	STORAGE 116	20/1	0.0		0.0			0.0	----	----	10	
11	STORAGE 116	20/1	0.0				0.0	0.0	----	SHUNT TRIP	12	
13	ROOM 119 & UNIT HEATER	20/1	0.0	0.0				0.7	20/1	CLASSROOM 105 (NEW)	14	
15	STORAGE 121 & UNIT HEATER	20/1	0.0		0.0			0.0	50/2	UNIT HEATER 120 BATTERY	16	
17	STORAGE 121 & UNIT HEATER	20/1	0.0				0.0	0.0	----	PROOF BOX	18	
19	BAKERY 120	20/1	0.0	0.0				0.0	20/1	STORAGE 121 UNIT HEATER	20	
21	BAKERY 120	20/1	0.0		0.0			0.0	20/1	ROOMS 115 & 122 UNIT HEATERS	22	
23	STORAGE 121 & UNIT HEATER	20/1	0.0				0.0	0.0	20/1	HOOD CONTROL PANEL	24	
BALANCED CONNECTED LOAD = 0.0 KVA / 00 AMPS					0.0	0.0	0.0	BALANCED DEMAND LOAD = 0.0 KVA / 00 AMPS				
MAXIMUM CONNECTED LOAD = 0.0 KVA / 00 AMPS					MAXIMUM DEMAND LOAD = 0.0 KVA / 00 AMPS							

PANEL C			SIZE		VOLTS/PHASE			MAIN		LOCATION		MOUNT
(EXISTING)			225 AMPS		120/208V, 3 PH			LUGS ONLY		BLDG 290 ROOM 204		SURFACE
C K T N O	DESCRIPTION	BREAKER AMP/ POLE	KVA				BREAKER AMP/ POLE	DESCRIPTION	C K T N O			
			CKT	AØ	BØ	CØ						
1	ROOMS 203A, 203B, 207, 206A	LTG 20/1	0.0	0.0			0.0	20/1	STAIRWAY, MECH ROOM 202	LTG 2		
3	COOKING ROOM 203	20/1	0.0		0.0		0.0	20/1	HAND DRYER	4		
5	COOKING ROOM 203	20/1	0.0				0.0	20/1	RECEPTACLES	6		
7	CLASSROOMS 204, 205	20/1	0.0	0.0				20/1	RECEPTACLES	8		
9	BATHROOM	20/1	0.0		0.0		0.0	20/1	COOKING ROOM 203 ISLAND	10		
11	MECH ROOM 202	20/1	0.0				0.0	20/1	COOKING ROOM 203 ISLAND	12		
13	CLASSROOM 204	20/1	0.0	0.0				20/1	COOKING ROOM 203 ISLAND	14		
15	CLASSROOM 204	20/1	0.0		0.0			20/1	ROOM 207	LTG 16		
17	CLASSROOM 204	20/1	0.0				0.0	20/1	OFFICE 207	18		
19	CLASSROOM 204	20/1	0.0	0.0				20/1	COOKING ROOM 203 ISLAND	20		
21	COOKING ROOM 203	20/1	0.0		0.0			20/1	COOKING ROOM 203 ISLAND	22		
23	COOKING ROOM 203	20/1	0.0				0.0	20/1	UNIT HEATER & MECH ROOM 202	24		
25	COOKING ROOM 203	20/1	0.0	0.0				50/2	SPARE	26		
27	COOKING ROOM 203	20/1	0.0		0.0			---	----	28		
29	OFFICE 207	20/1	0.0				0.0	20/1	HAND DRYER	30		
31	LANGUAGE CLASS 216 (NEW)	20/1	0.9	0.0				50/2	RANGE	32		
33	LANGUAGE CLASS 216 (NEW)	20/1	0.9		0.0			---	----	34		
35	NEW RANGE (NEW)	50/2	0.0				0.0	50/2	RANGE	36		
37	----	---	0.0	0.0				---	----	38		
39	LANGUAGE CLASS 216 REFRIG (NEW)	20/1	0.5		0.0			50/2	RANGE	40		
41	LANGUAGE CLASS 216 COUNTER (NEW)	20/1	0.5				0.0	---	----	42		
BALANCED CONNECTED LOAD = 0.0 KVA / 00 AMPS				0.0	0.0	0.0	BALANCED DEMAND LOAD = 0.0 KVA / 00 AMPS					
MAXIMUM CONNECTED LOAD = 0.0 KVA / 00 AMPS				MAXIMUM DEMAND LOAD = 0.0 KVA / 00 AMPS								

NOTES:

- THE ELECTRICAL PLANS ARE BASED ON LIMITED FIELD SURVEY AND BASIC COORDINATION WITH OTHER DISCIPLINES. THESE DOCUMENTS ARE NOT INTENDED TO BE COMPLETE AND ONLY ESTABLISH DESIGN INTENT. PERFORM FIELD INVESTIGATION AS NECESSARY TO ENSURE THE INTENT OF THESE DOCUMENTS IS SATISFIED. THE BID SHALL REFLECT ALL COSTS FOR EACH SYSTEM TO BE COMPLETE AND OPERATIONAL.
- PANELBOARD BRANCH CIRCUITS ARE EXISTING, UON.
- REMOVE EXISTING (2) 50/2 CIRCUIT BREAKERS AND PROVIDE 20/1 CIRCUIT BREAKERS AS SHOWN.

LEGEND

ABBREVIATIONS:	
AFF	ABOVE FINISHED FLOOR
FACP	FIRE ALARM CONTROL PANEL
GFI	GROUND FAULT INTERRUPTED
TTB	TELEPHONE TERMINAL BOARD
UON	UNLESS OTHERWISE NOTED
ⓔ	EXISTING
Ⓝ	NEW
SWITCHING:	
S	SINGLE POLE SWITCH, 48" AFF
LIGHTING:	
	FLUORESCENT LUMINAIRE, EQUIP w/ SINGLE EMERGENCY BALLAST WHERE SHOWN. BODINE B50 F-48 OR APPROVED EQUAL.
	FLUORESCENT LUMINAIRE
	CEILING MOUNTED LUMINAIRE
	CEILING MOUNTED EXIT LUMINAIRE
	WALL MOUNTED EXIT LUMINAIRE
	FLUORESCENT STRIP LUMINAIRE
	EMERGENCY (BUG EYE) LUMINAIRE
	EXTERIOR WALL MOUNTED LUMINAIRE
POWER:	
	DUPLEX RECEPTACLE, 18" AFF UON.
	DOUBLE DUPLEX RECEPTACLE, 18" AFF
	RECEPTACLE RACEWAY
	SPECIAL RECEPTACLE, 18" AFF UON.
	220V SINGLE PHASE RECEPTACLE, 18" AFF
	JUNCTION BOX
	PUSH BUTTON
	PANELBOARD
	DISCONNECT
SIGNAL:	
	SMOKE DETECTOR
	HEAT DETECTOR
	MANUAL PULL STATION, 48" AFF
	FIRE ALARM HORN/STROBE, 80" AFF TO BASE
	FIRE ALARM STROBE ONLY, 80" AFF TO BASE
	TELEPHONE, 18" AFF UON.
	DATA, 18" AFF UON.
	DATA/TELEPHONE, 18" AFF UON.
GENERAL:	
	HOME RUN
	CONDUIT: 1/2" UON.
	UNGROUND CONDUCTORS
	NEUTRAL: #10 WITH DOT #12 OTHERWISE
	GROUND CONDUCTOR
	CONDUCTORS NOT SHOWN WHERE ONLY #12 NEUTRAL AND UNGROUNDED CONDUCTOR ARE REQUIRED
	FLEXIBLE CONDUIT

NOTE: ALL DEVICE HEIGHTS TO CENTER, UON.

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. *M. Ward* Date *7/20/04*

PATH: F:\projects\100 JYL\177 METC\Drawings\TBLK-290.dwg

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ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION
DESIGNED BY: BJB		
DRAWN BY: PEL		
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION		
MT EDGE CUMBE HIGH SCHOOL CLASSROOM RENOVATION BUILDING 290		
SHEET E100		
PROJECT DESIGNATION NUMBER		
67751		
STATE	YEAR	
ALASKA	2004	
SHEET NUMBER	TOTAL SHEETS	
9	23	

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. D. M. M. M. Date 3-3-07

TAB: Model

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

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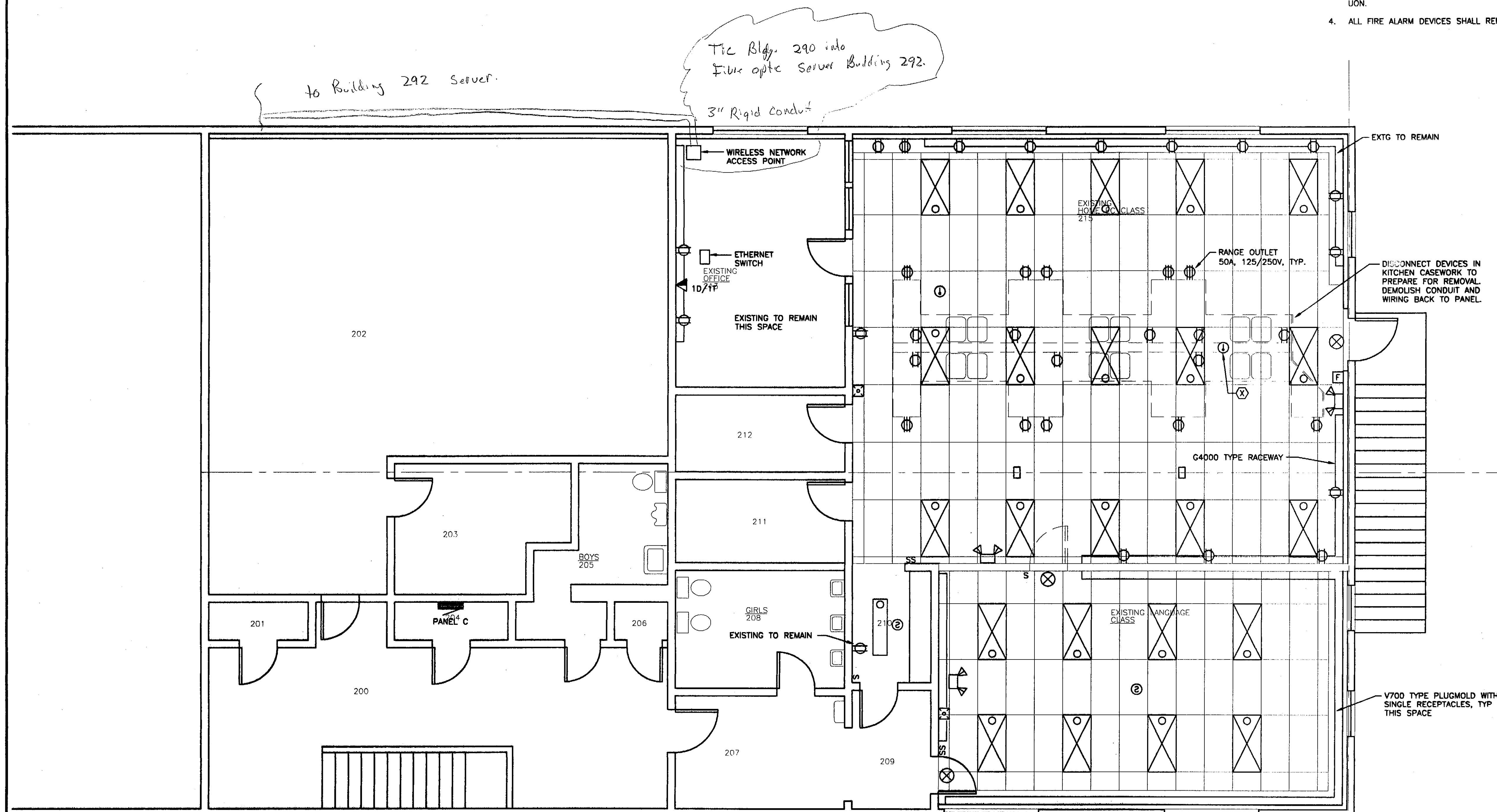
MT EDGE CUMBE
HIGHSCHOOL
CLASSROOM
RENOVATION
BUILDING 290

PROJECT DESIGNATION NUMBER

67751

STATE	YEAR
ALASKA	2004
SHEET NUMBER	TOTAL SHEET
11	23

1. REMOVE LIGHTING AND ASSOCIATED WIRING. LEAVE SWITCH BACK BOXES IN PLACE FOR REUSE.
2. COORDINATE SCOPE OF MECHANICAL DEMOLITION WITH THE MECHANICAL SYSTEM NARRATIVE.
3. DEMOLISH RECEPTACLES AND MULTI-OUTLET ASSEMBLIES, UON.
4. ALL FIRE ALARM DEVICES SHALL REMAIN IN PLACE, UON.

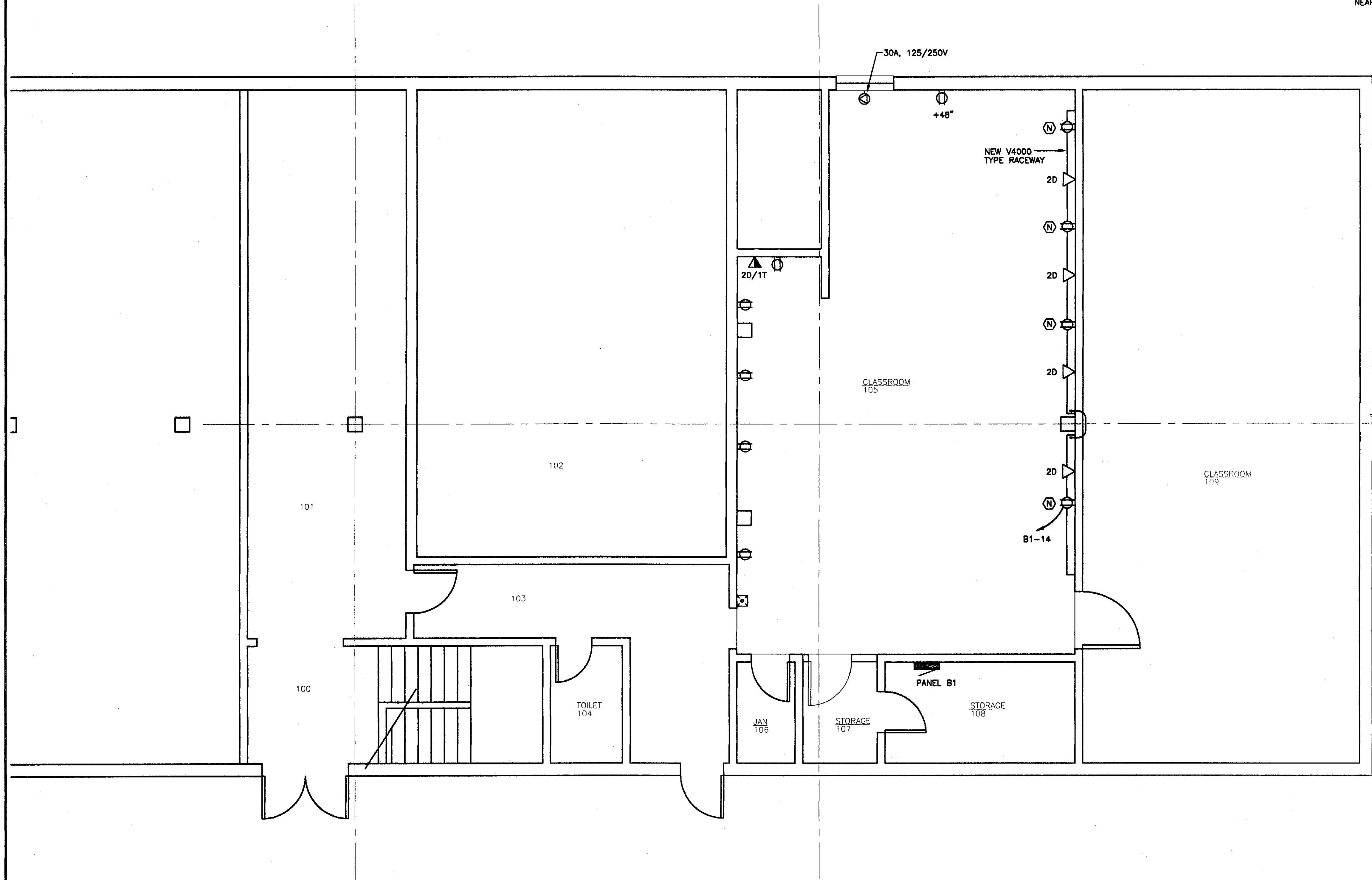


Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. M. M. M. M. Date 3-30

2ND FLOOR DEMOLITION PLAN - BUILDING 290

SCALE: 0 2' 4'





- NOTES:
1. ELECTRICAL COMPONENTS ARE EXISTING, UON.
 2. COORDINATE SCOPE OF MECHANICAL WORK WITH THE MECHANICAL NARRATIVE.
 3. PROVIDE TYPE THHN-THWN COPPER CONDUCTORS IN EMT CONDUIT.
 4. PROVIDE 20 AMPERE, STRAIGHT-BLADE, HEAVY DUTY RECEPTACLES.
 5. PROVIDE (2) 4 PAIR CATEGORY 5 CABLES FOR EACH DATA OUTLET. TERMINATE AT NEAREST PATCH PANEL. DETERMINE NEAREST PATCH PANEL LOCATION FROM OWNER.

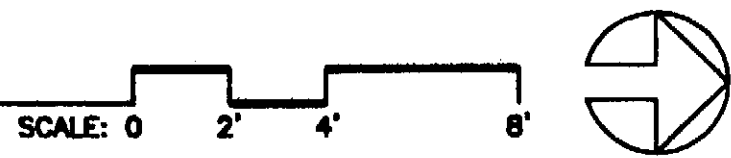
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No.	DATE	DESCRIPTION

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. *[Signature]* Date *3/30/07*



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STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION MT EDGECUMBE HIGHSCHOOL CLASSROOM RENOVATION BUILDING 290	
SHEET E201	
PROJECT DESIGNATION NUMBER	
67751	
STATE	YEAR
ALASKA	2004
SHEET NUMBER	TOTAL SHEETS
12	23

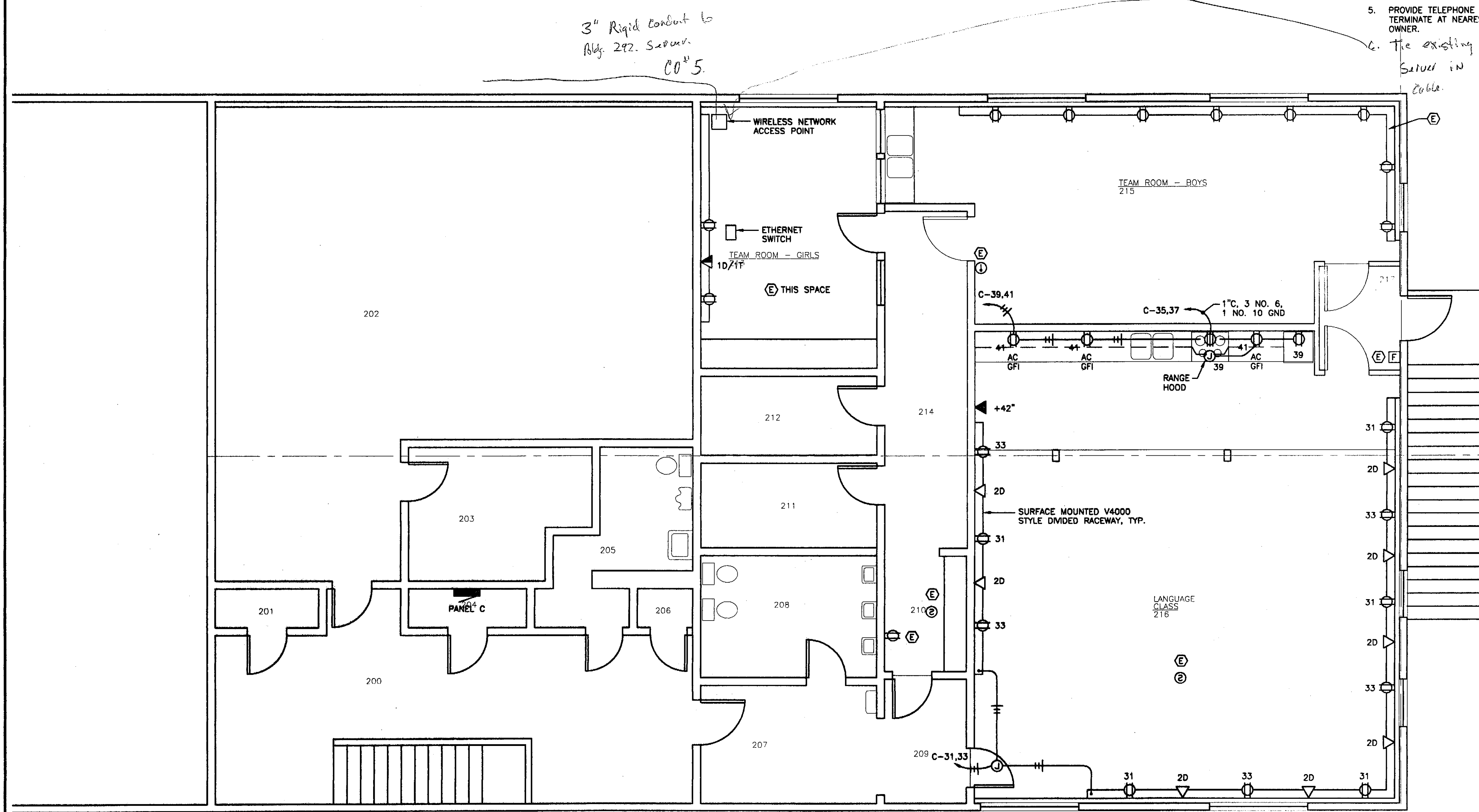
1 1ST FLOOR PLAN - BUILDING 290 - POWER/SIGNAL



- NOTES:
1. COORDINATE SCOPE OF MECHANICAL WORK WITH THE MECHANICAL NARRATIVE.
 2. PROVIDE TYPE THHN-THWN COPPER CONDUCTORS IN EMT CONDUIT.
 3. PROVIDE 20 AMPERE, STRAIGHT-BLADE, HEAVY DUTY RECEPTACLES.
 4. PROVIDE (2) 4 PAIR CATEGORY 5 CABLES FOR EACH DATA OUTLET. TERMINATE AT NEAREST PATCH PANEL. COORDINATE WITH OWNER.
 5. PROVIDE TELEPHONE CABLE TO MATCH SYSTEM REQUIREMENTS. TERMINATE AT NEAREST TERMINAL BOARD. COORDINATE WITH OWNER.
 6. The existing Network Access point is located in Building 292 by Fiber optic cable.

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Tue, 01/Jun/04 02:04PM
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No.	DATE	DESCRIPTION



Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. *[Signature]* Date *3/3/04*

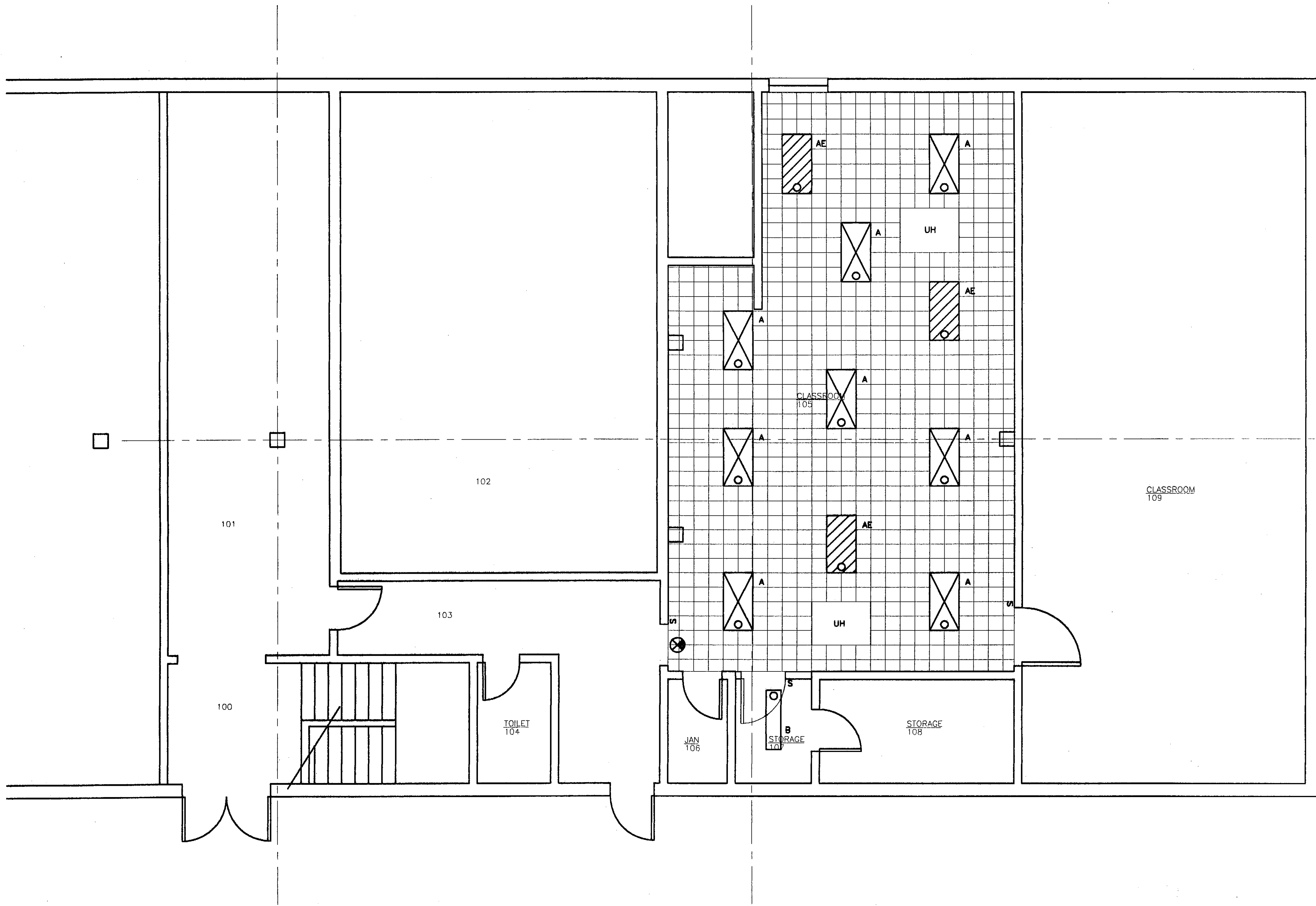
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DRAWN BY: PEL

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION

MT EDGE CUMBE
HIGH SCHOOL
CLASSROOM
RENOVATION
BUILDING 290

SHEET E202
PROJECT DESIGNATION NUMBER
67751

STATE	YEAR
ALASKA	2004
SHEET NUMBER	TOTAL SHEETS
13	23



- NOTES:
1. CONNECT LUMINAIRES TO EXISTING LIGHTING CIRCUIT WITH TYPE THHN-THWN COPPER CONDUCTORS IN EMT CONDUIT. SWITCH AS SHOWN.
 2. TYPE A: 2'x4' RECESSED FLUORESCENT TROFFER WITH HOLOPHANE LENS, (2) 32W T8, 3500K, CRI 85 LAMPS, AND INSTANT START T8 ELECTRONIC BALLAST, LITHONIA #2SP8 G 232 84Y 120 GEB10IS. FOR TYPE AE LUMINAIRES ADD EMERGENCY BALLAST OPTION #EL6 TO THE ABOVE.
 3. TYPE B: 4' SURFACE MOUNTED FLUORESCENT WRAPAROUND WITH ACRYLIC DIFFUSER, (2) 32W T8, 3500K, CRI 85 LAMPS, AND INSTANT START T8 ELECTRONIC BALLAST. LITHONIA #LB 232 120 GEB10IS.
 4. EXIT SIGNS: UNIVERSAL MOUNTED, DIE-CAST ALUMINUM HOUSING, LED LAMP, SINGLE FACE WITH GREEN LETTERS, NICKEL-CADMIUM BATTERY WITH SELF-DIAGNOSTICS. LITHONIA #LES 1 G 120/277 ELNSD.
 5. PROVIDE 20 AMPERE, QUIET TYPE, HEAVY DUTY SNAP SWITCHES.

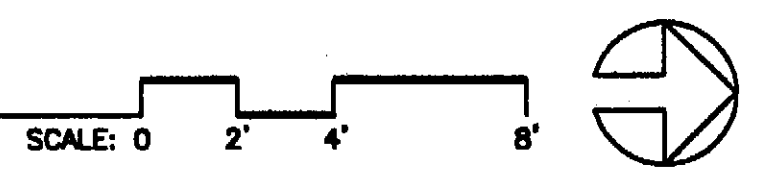
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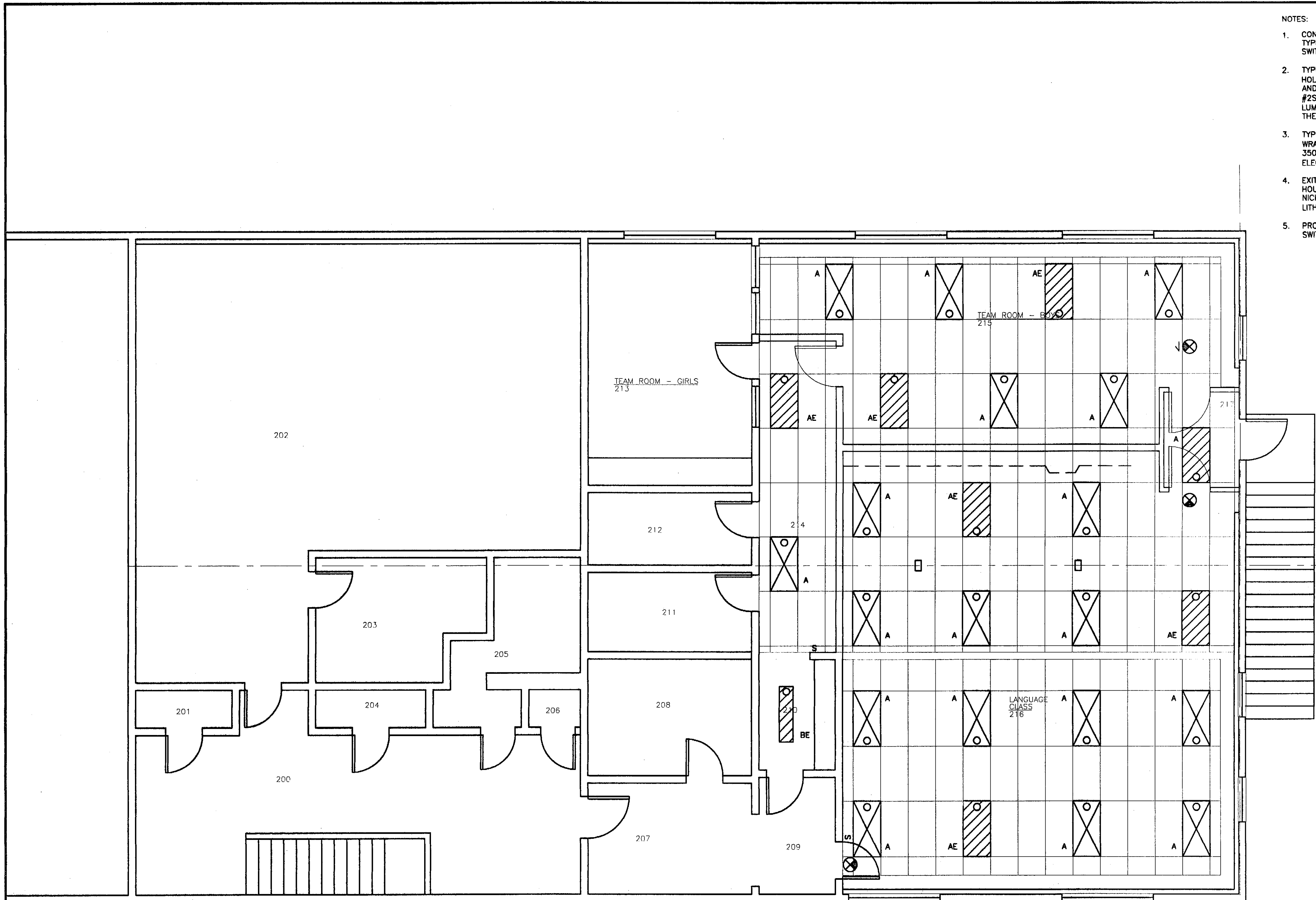


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STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION MT EDGECUMBE HIGHSCHOOL CLASSROOM RENOVATION BUILDING 290	
SHEET E301	
PROJECT DESIGNATION NUMBER	
67751	
STATE	YEAR
ALASKA	2004
SHEET NUMBER	TOTAL SHEETS
14	23

1 1ST FLOOR PLAN - BUILDING 290 - LIGHTING



Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. *[Signature]* Date *3-9-07*



- NOTES:
1. CONNECT LUMINAIRES TO EXISTING LIGHTING CIRCUIT WITH TYPE THHN-THWN COPPER CONDUCTORS IN EMT CONDUIT. SWITCH AS SHOWN.
 2. TYPE A: 2'x4' RECESSED FLUORESCENT TROFFER WITH HOLOPHANE LENS, (2) 32W T8, 3500K, CRI 85 LAMPS, AND INSTANT START T8 ELECTRONIC BALLAST. LITHONIA #2SPB G 232 84Y 120 GEB10IS. FOR TYPE AE LUMINAIRES ADD EMERGENCY BALLAST OPTION #EL6 TO THE ABOVE.
 3. TYPE B: 4' SURFACE MOUNTED FLUORESCENT WRAPAROUND WITH ACRYLIC DIFFUSER, (2) 32W T8, 3500K, CRI 85 LAMPS, AND INSTANT START T8 ELECTRONIC BALLAST. LITHONIA #LB 232 120 GEB10IS.
 4. EXIT SIGNS: UNIVERSAL MOUNTED, DIE-CAST ALUMINUM HOUSING, LED LAMP, SINGLE FACE WITH GREEN LETTERS, NICKEL-CADMIUM BATTERY WITH SELF-DIAGNOSTICS. LITHONIA #LES 1 G 120/277 ELNSD.
 5. PROVIDE 20 AMPERE, QUIET TYPE, HEAVY DUTY SNAP SWITCHES.

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TAB: Model

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RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



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STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION MT EDGECUMBE HIGHSCHOOL CLASSROOM RENOVATION BUILDING 290	
SHEET E302	
PROJECT DESIGNATION NUMBER	
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STATE	YEAR
ALASKA	2004
SHEET NUMBER	TOTAL SHEETS
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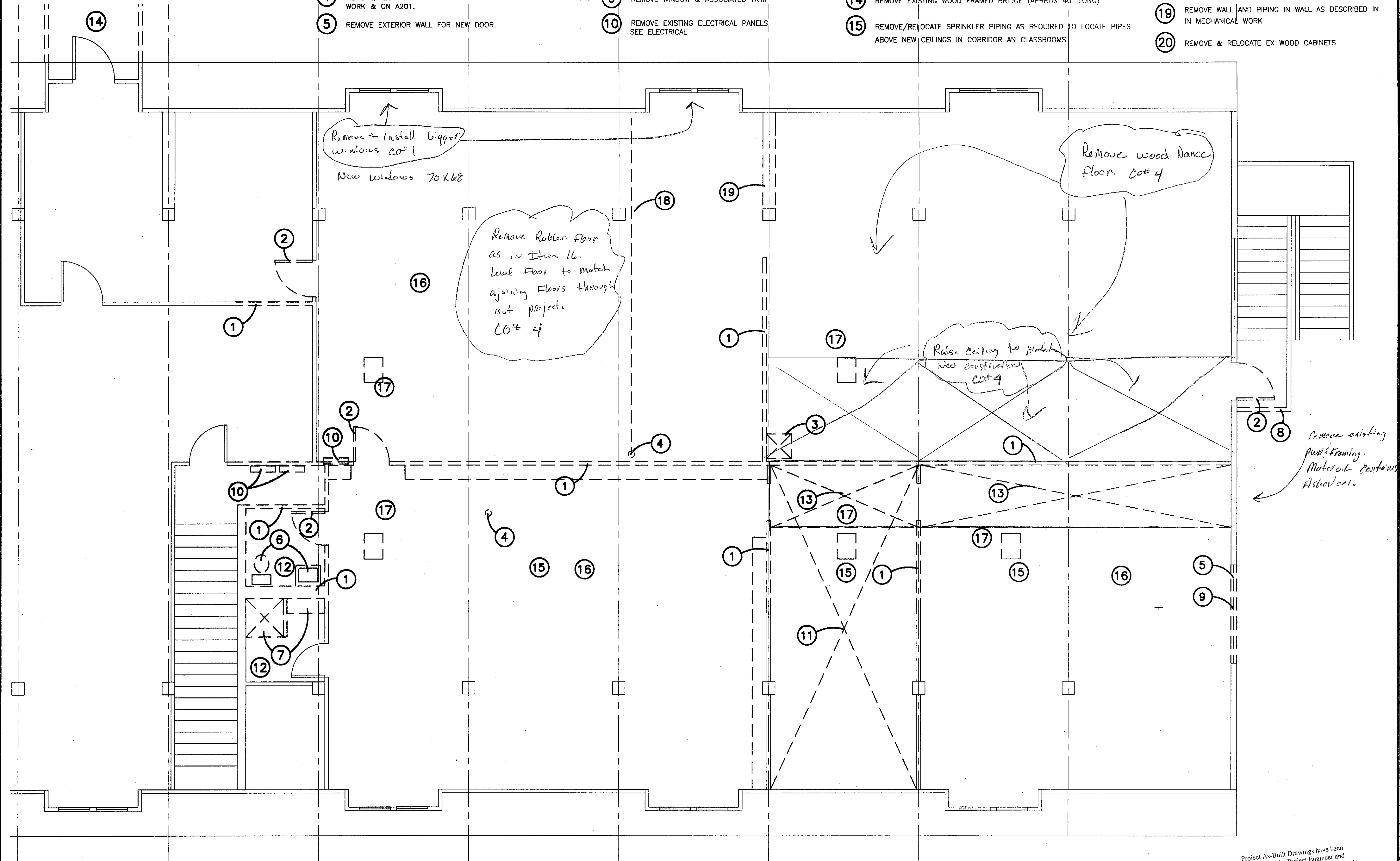
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. *[Signature]* Date: 3-3-07

SHEET GENERAL NOTES

DEMOLITION WORK IS TO BE PERFORMED BY ABATEMENT CONTRACTOR FOR ALL COMPONENTS DESCRIBED IN ABATEMENT WORK

KEY NOTES

- 1 REMOVE EXISTING WALL TYP
- 2 REMOVE EXISTING DOOR & FRAME
- 3 REMOVE EXISTING PWD ENCLOSED SHAFT & RELOCATE ASSOCIATED PIPES & CONDUIT (IF ANY) TO NEW WALL.
- 4 REMOVE/RELOCATE SPRINKLER MAIN AS DESCRIBED IN MECHANICAL WORK & ON A201.
- 5 REMOVE EXTERIOR WALL FOR NEW DOOR.
- 6 REMOVE EXISTING TOILET, LAVATORY & ASSOCIATED TOILET ACCESSORIES & PIPING
- 7 REMOVE EXISTING SHOWER & BENCH & ASSOCIATED TOILET ACCESSORIES & PIPING
- 8 REMOVE WOOD RAILING FOR NEW WORK.
- 9 REMOVE WINDOW & ASSOCIATED TRIM
- 10 REMOVE EXISTING ELECTRICAL PANELS SEE ELECTRICAL
- 11 REMOVE EXISTING 4" RAISED WOOD FLOOR
- 12 REMOVE LIGHTS & FAN UNITS AS DESCRIBED IN IN MECHANICAL AND ELECTRICAL WORK
- 13 REMOVE EXISTING PWD CEILING
- 14 REMOVE EXISTING WOOD FRAMED BRIDGE (APPROX 40' LONG)
- 15 REMOVE/RELOCATE SPRINKLER PIPING AS REQUIRED TO LOCATE PIPES ABOVE NEW CEILINGS IN CORRIDOR AN CLASSROOMS
- 16 REMOVE RUBBER TILE FLOORING FOR NEW CLASSROOM CORRIDOR AND TOILET ROOMS
- 17 REMOVE UNIT HEATERS AS DESCRIBED IN MECHANICAL & ELECTRICAL WORK
- 18 RELOCATE SPRINKLER PIPING AS REQUIRED TO INSTALL IN ENCLOSURE. SEE A601
- 19 REMOVE WALL AND PIPING IN WALL AS DESCRIBED IN IN MECHANICAL WORK
- 20 REMOVE & RELOCATE EX WOOD CABINETS



1 2ND FLOOR DEMOLITION PLAN - BUILDING 299

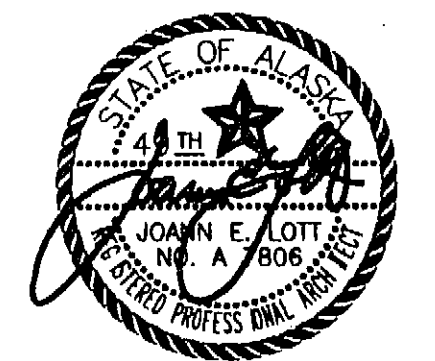
SCALE: 0 2' 4' 8'

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
 Proj. Eng. *[Signature]* Date *3-3-07*

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ATTACHMENT NUMBER		
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No.	DATE	DESCRIPTION



DESIGNED BY: JENSEN YORBA LOTT
 DRAWN BY:

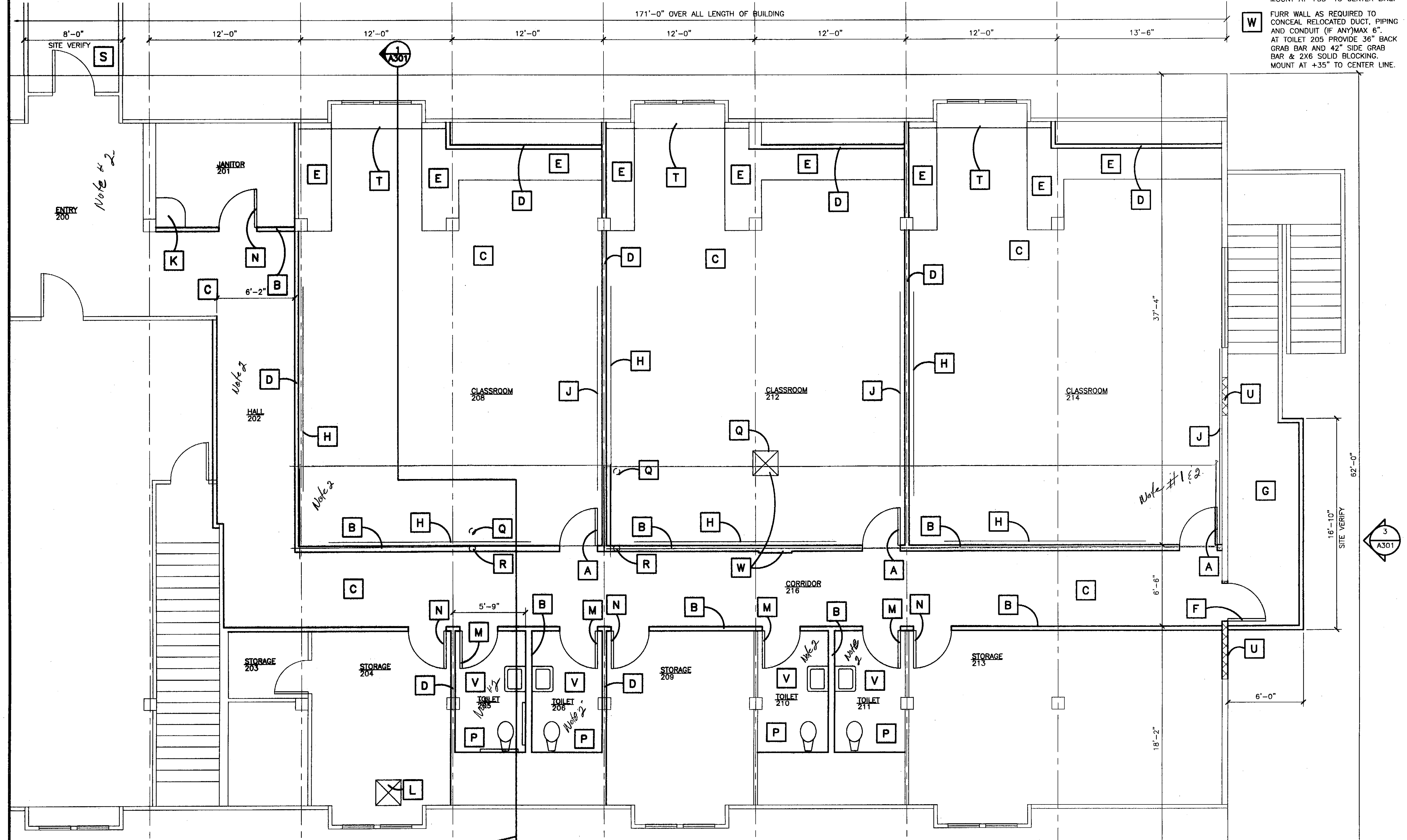
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 STATEWIDE DESIGN & ENGINEERING
 SERVICES DIVISION
 MT EDGE CUMBE
 HIGH SCHOOL
 CLASSROOM
 RENOVATION
 BUILDING 299

SHEET A101
 PROJECT DESIGNATION NUMBER
 67751

STATE	YEAR
ALASKA	2004
SHEET NUMBER	TOTAL SHEETS
16	23

KEY NOTES

- A** 3'-0"x7'-0" WD DOOR IN HOLLOW METAL FRAME HARDWARE GROUP 2
- B** 2X6 STUD @ 16" OC W/ 2 LAYERS 5/8" GWB EA SIDE & BATT INSUL FROM FLOOR TO UNDERSIDE OF ROOF STRUCTURE ABOVE. WALL HEIGHT VARIES WITH ROOF SLOPE. SEAL PERIMETER & ALL PENETRATIONS WITH ACOUSTICAL SEALANT
- C** CARPET & 4" BASE
- D** 2X4 STUD @ 16" OC W/ 2 LAYERS 5/8" GWB EA SIDE & BATT INSUL FROM FLOOR TO UNDERSIDE OF ROOF STRUCTURE SEAL PERIMETER AND ALL PENETRATIONS WITH ACOUSTICAL SEALANT
- E** 30" DEEP COUNTER TOP WITH CONT 2X LEDGER SUPPORT AT WALLS AND STEEL TABLE LEG AT CORNERS AND AT 4' OC
- F** 3'-0"x7'-0" INSULATED HOLLOW METAL DOOR & HOLLOW METAL FRAME OPENING WITH (2) 2X6 AT EA JAMB & (3)2X8 HEADER MATCH EX WALL CONSTRUCTION.
- G** PRESSURE TREATED WOOD LANDING 2/A301 PROVIDE DESIGN ENGINEERING & SHOP DRAWINGS FOR CONFIGURATION SHOWN SITE VERIFY DIMENSIONS
- H** 4'X16' WHITEBOARD MOUNT BOTTOM AT 36" AFF
- J** 4'X16' TACK BOARD MOUNT BOTTOM AT +36" AFF
- K** SERVICE SINK AS DESCRIBED IN MECHANICAL WORK
- L** REPAIR EX FLOOR. REMOVE ROTTED AND DAMAGED WOOD & REPLACE TO MATCH EXISTING SITE VERIFY MATERIALS 1X4 FLOORING OVER 1 5/8"X 1 5/8" FURRING BEARING ON SUBSTRATE OF LAMINATED 2X6
- M** 3'-0"x7'-0" WD DOOR IN HOLLOW METAL FRAME HARDWARE GROUP 3
- N** 3'-0"x7'-0" WD DOOR IN HOLLOW METAL FRAME HARDWARE GROUP 1
- P** SHEET VINYL & 6" INTEGRAL COVE BASE
- Q** PATCH FLOOR WHERE DUCT OR PIPE REMOVED SEE NOTE L
- R** RELOCATE SPRINKLER PIPE IN NEW WALL CONNECT TO EX BELOW FLOOR AND ABOVE CEILING
- S** PRESSURE TREATED WOOD WALKWAY/BIDGE 1/A301 PROVIDE DESIGN ENGINEERING & SHOP DRAWINGS FOR CONFIGURATION SHOWN SITE VERIFY DIMENSIONS
- T** FURR WALL AS REQUIRED TO CONCEAL SPRINKLER PIPE AT DORMERS SEE 1/A301
- U** PATCH EXTERIOR WALL WHERE DOOR/WINDOW WAS REMOVED. 2X6 FRAMING, W/VAPOR BARRIER 5/8" GWB, BATT INSUL, 1/2" PWD, AIB, & CEMENT BOARD SIDING TO MATCH EX SIDING PATTERN
- V** PROVIDE TOILET ACCESSORIES: 18X36 MIRROR MOUNT 40" AFF, ELECTRIC HAND DRYER, SD, TPD WAINSCOT MARLITE FRP 4' HIGH AT SIDE AND BACK WALL OF TOILET. AT TOILET 205 PROVIDE 36" BACK GRAB BAR AND 42" SIDE GRAB BAR & 2X6 SOLID BLOCKING. MOUNT AT +35" TO CENTER LINE.
- W** FURR WALL AS REQUIRED TO CONCEAL RELOCATED DUCT, PIPING AND CONDUIT (IF ANY) MAX 6". AT TOILET 205 PROVIDE 36" BACK GRAB BAR AND 42" SIDE GRAB BAR & 2X6 SOLID BLOCKING. MOUNT AT +35" TO CENTER LINE.



1 2ND FLOOR PLAN - BUILDING 299

SCALE: 0 2' 4' 8'



Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
 Proj. Eng. *[Signature]* Date 7-3-04

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ATTACHMENT NUMBER

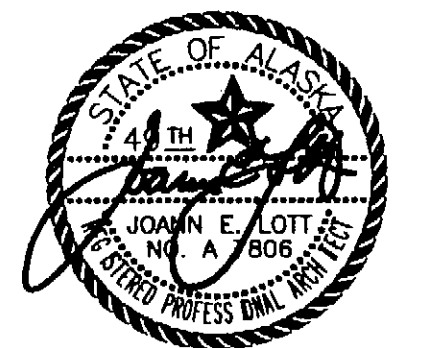
RECORD OF REVISIONS

No.	DATE	DESCRIPTION

Notes for As-Built

1 Extend existing Plaster Ceiling to New Corridor wall, Insulate with Batt

2 Install underlayment over existing Rubberize tile. (Contact is eliminate all floor height transitions)



DESIGNED BY: JENSEN YORBA LOTT

DRAWN BY:

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION

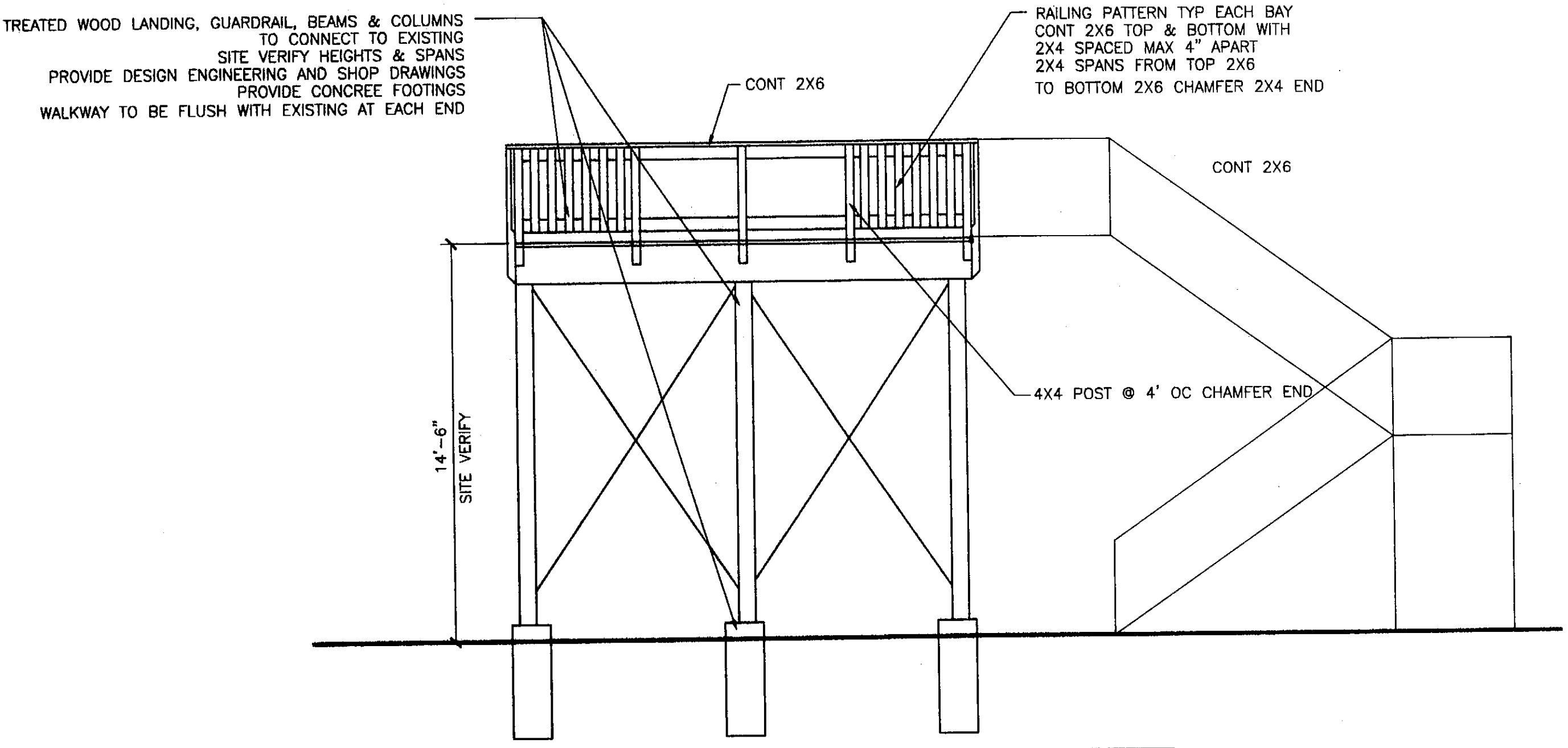
MT EDGECLUMBE
 HIGH SCHOOL
 CLASSROOM
 RENOVATION
 BUILDING 299

SHEET A201

PROJECT DESIGNATION NUMBER

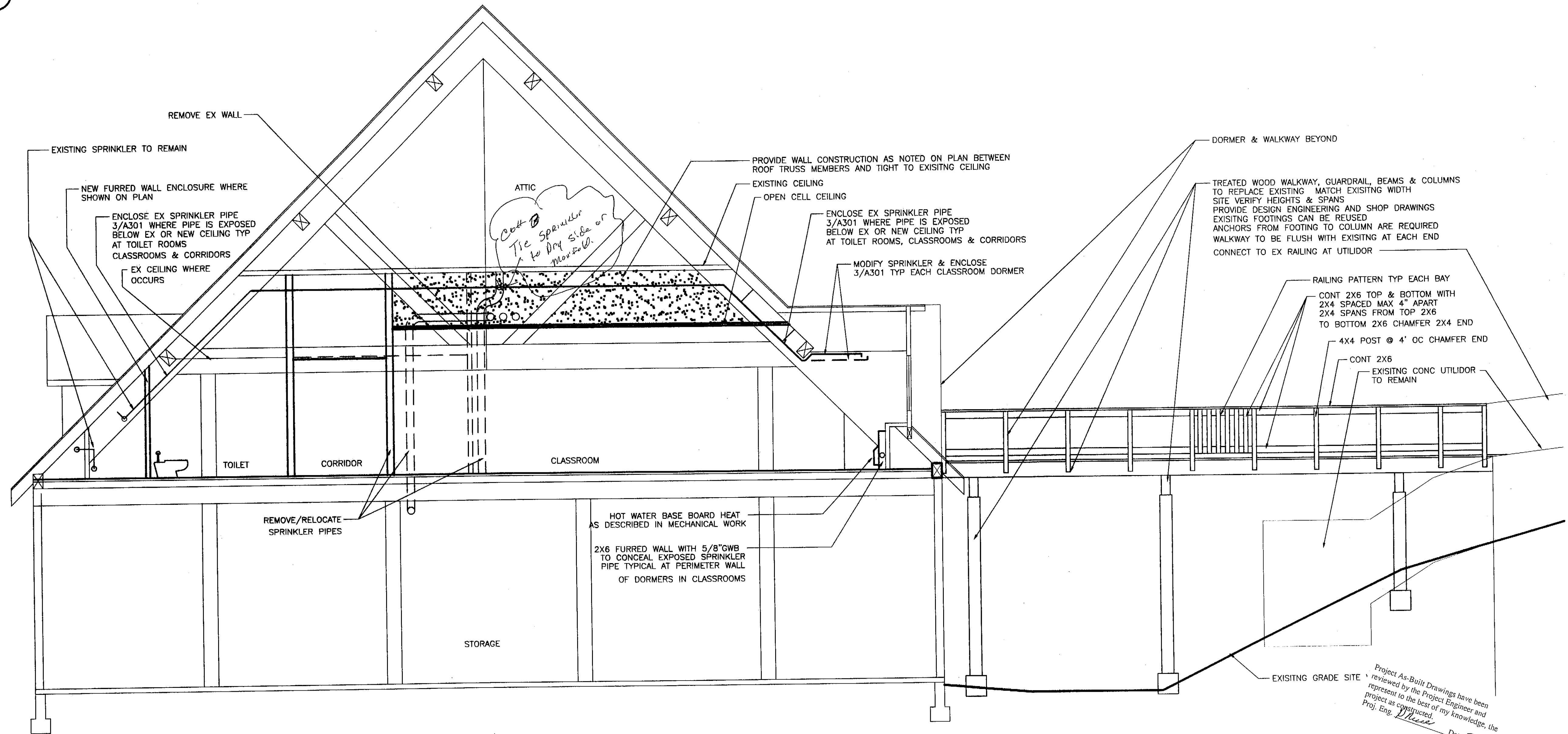
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STATE	YEAR
ALASKA	2004
SHEET NUMBER	TOTAL SHEETS
17	23



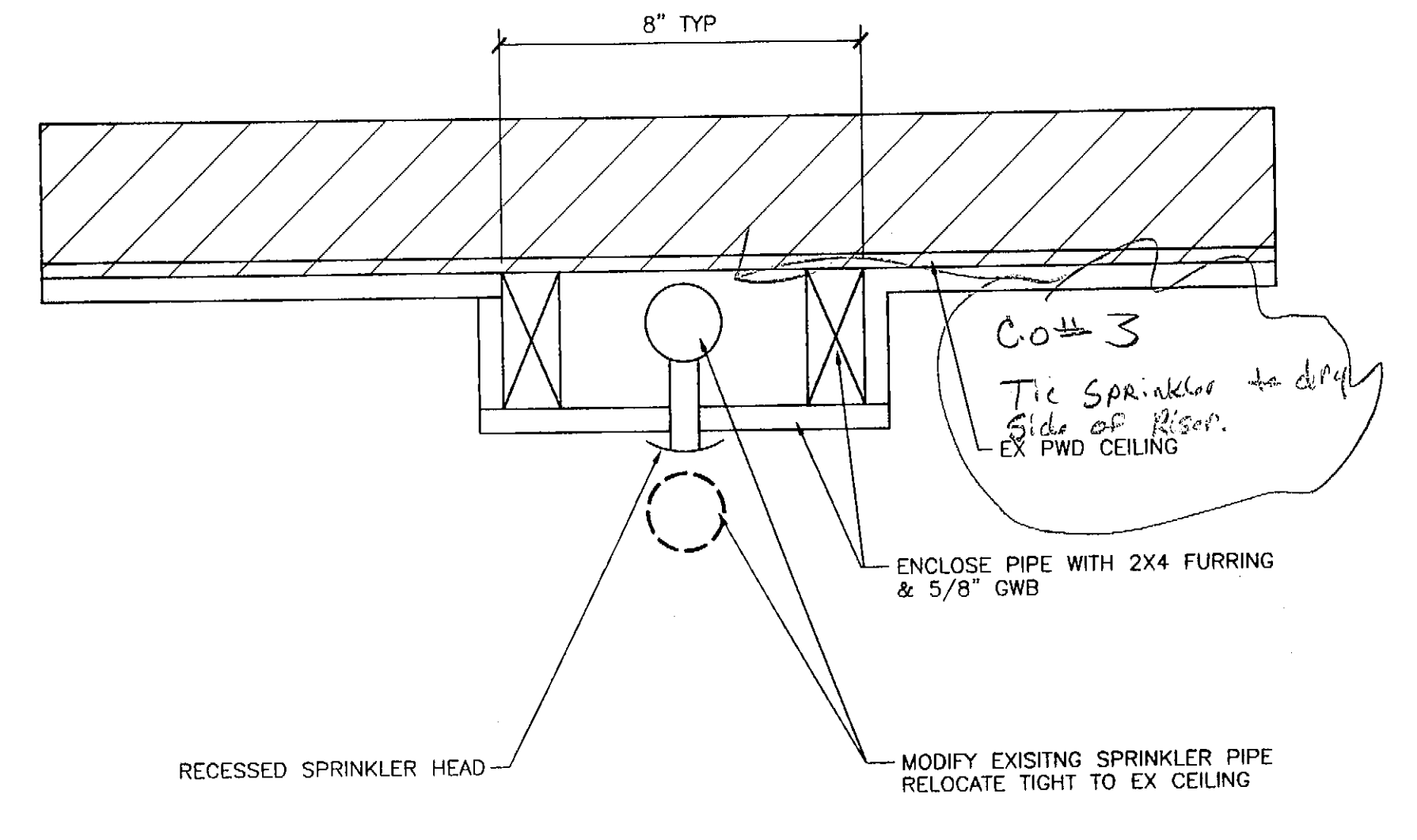
2 LANDING ELEVATION

SCALE: 0 2' 4' 8'



1 SECTION

SCALE: 0 2' 4' 8'



3 TYP SPRINKLER PIPE ENCLOSURE

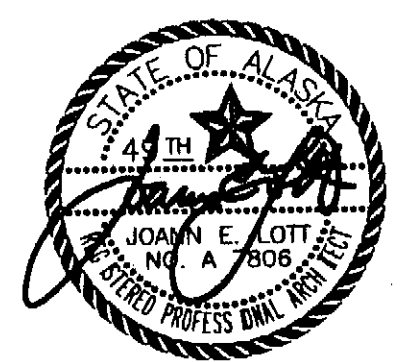
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SCALE: 0 3" 6" 1'

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Tue, 01/Jun/04 03:54PM

TAB: Layout1

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



DESIGNED BY: JENSEN YORBA LOTT
DRAWN BY:

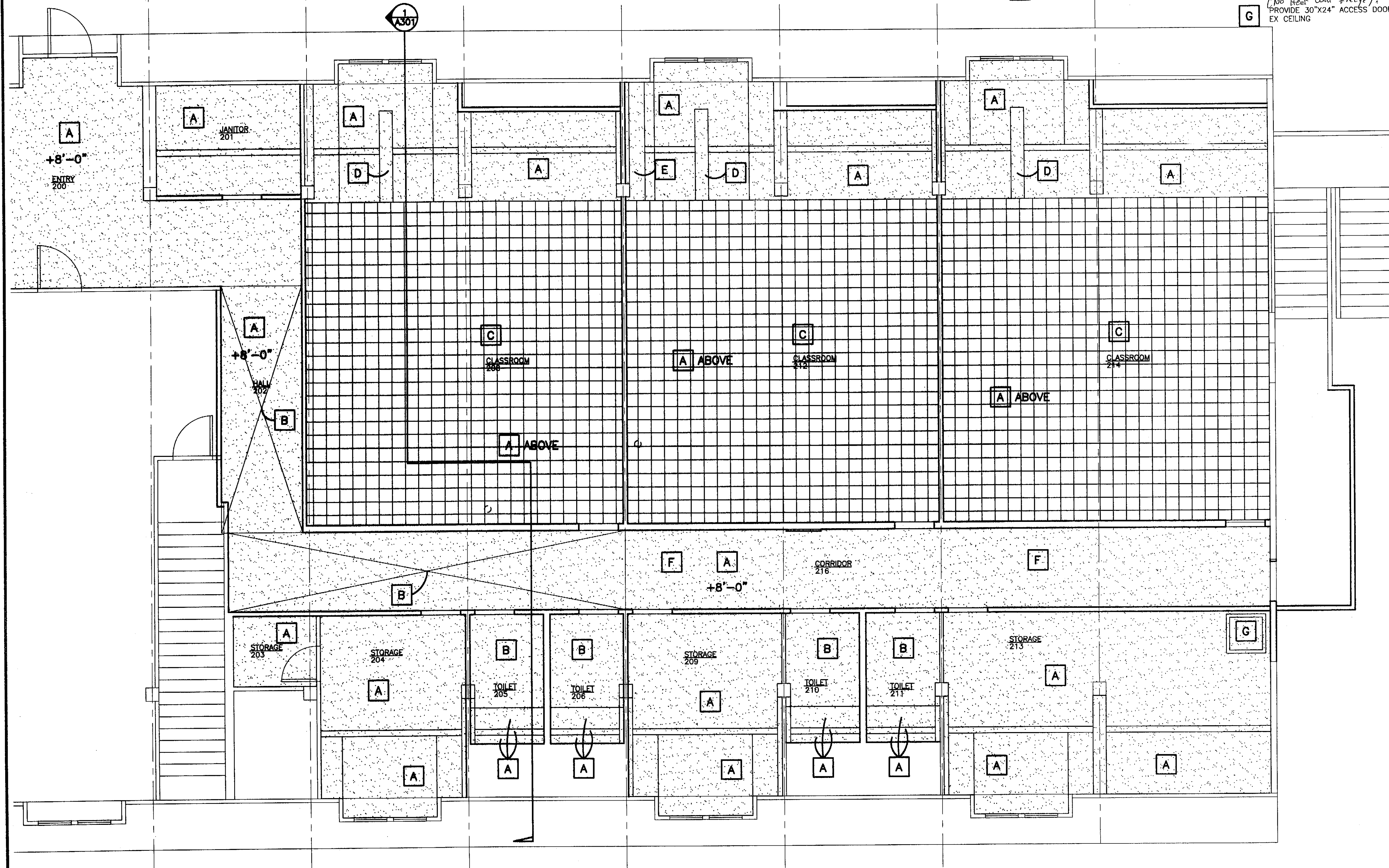
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION
MT EDGE CUMBE
HIGH SCHOOL
CLASSROOM
RENOVATION
BUILDING 299

SHEET A301
PROJECT DESIGNATION NUMBER
67751

STATE	YEAR
ALASKA	2004
SHEET NUMBER	TOTAL SHEETS
18	23

KEY NOTES

- | | |
|---|--|
| <p>A 5/8" GWB OVER ALL EX SURFACES PAINT</p> <p>B 2X6 STUD @ 16" OC & 5/8" GWB CLG @ +8'-0"</p> <p>C 12"x12" OPEN, CELL CEILING GRID @ +10'-0", 5/8" GWB ON ALL SURFACES ABOVE</p> | <p>D MODIFY SPRINKLER & CONCEAL PIPE TO ABOVE NEW CEILING 3/A301 TYP EACH CLASSROOM DORMER</p> <p>E MODIFY SPRINKLER & CONCEAL PIPE TO ABOVE NEW CEILING 3/A301 SIM FURR ALONG SLOPE OF ROOF FOR DEPTH OF TRUSS TOP CHORD</p> <p>F MODIFY SPRINKLER TO ROUTE PIPING ABOVE CEILING IN CORRIDOR, <i>CONG. Tie to Day Side (No Heat will freeze)</i>, PROVIDE 30"x24" ACCESS DOOR THROUGH EX CEILING</p> <p>G</p> |
|---|--|



1 2ND FLOOR REFLECTED CEILING PLAN - BUILDING 299

SCALE: 0 2' 4' 8'

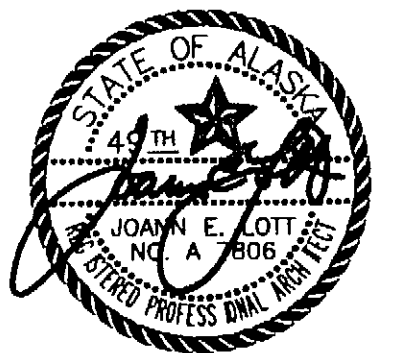
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
 Proj. Eng. *[Signature]* Date 3.3.07

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Tue, 01/Jun/04 03:55PM

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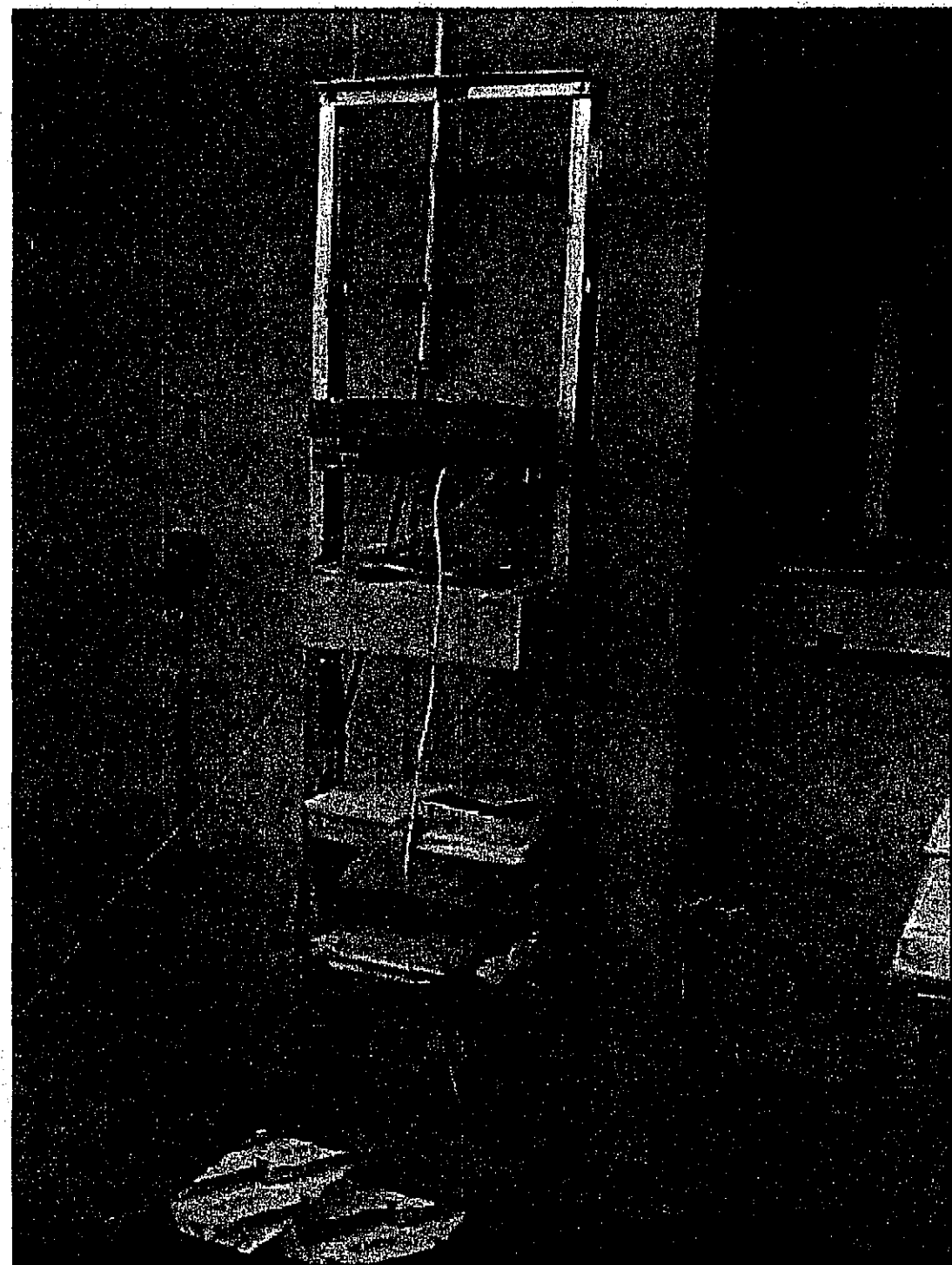
ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



DESIGNED BY: JENSEN YORBA LOTT
 DRAWN BY:

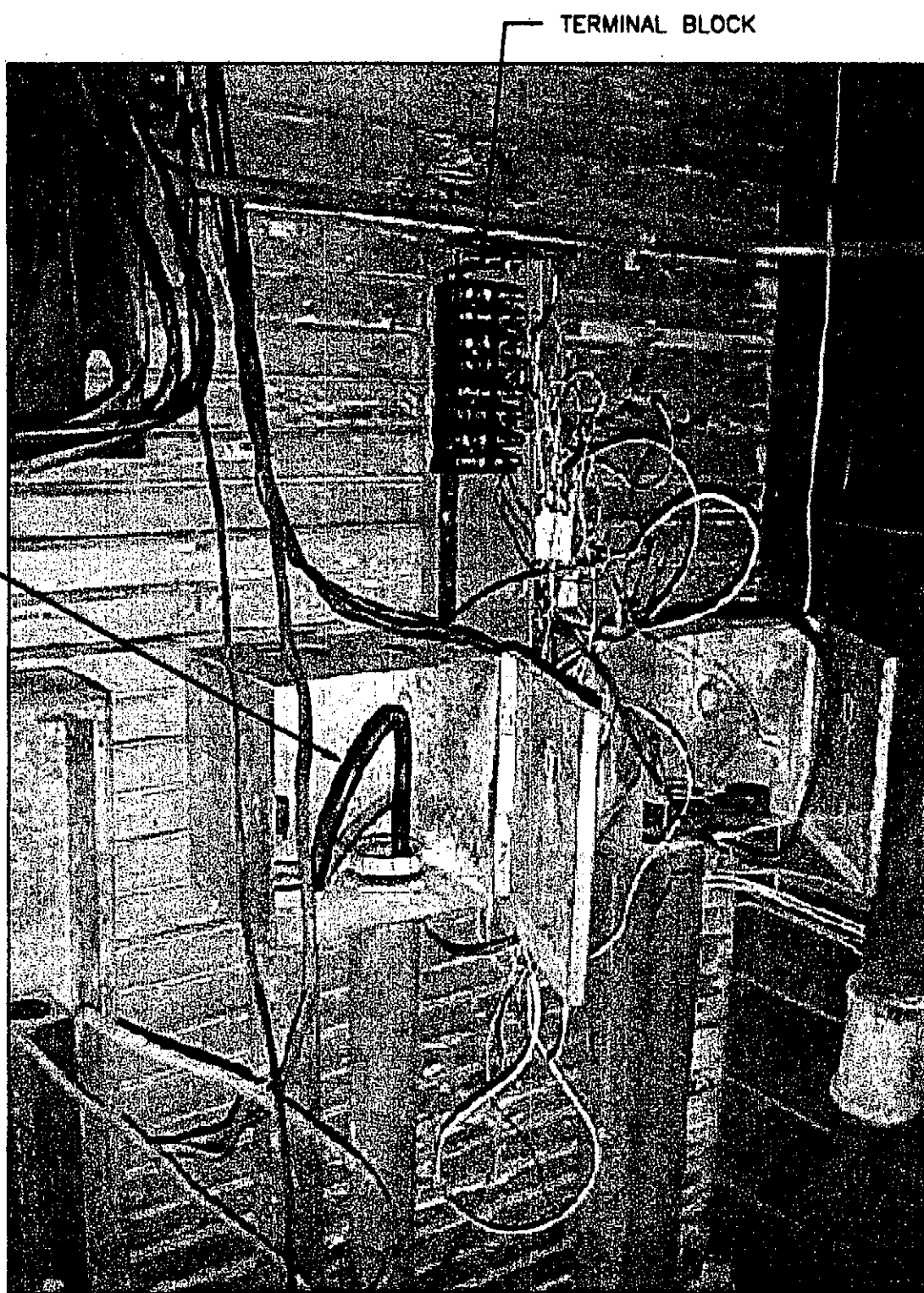
STATE OF ALASKA
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 STATEWIDE DESIGN & ENGINEERING
 SERVICES DIVISION
 MT EDGE CUMBE
 HIGH SCHOOL
 CLASSROOM
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 BUILDING 299

SHEET A601	
PROJECT DESIGNATION NUMBER	
67751	
STATE	YEAR
ALASKA	2004
SHEET NUMBER	TOTAL SHEETS
19	23



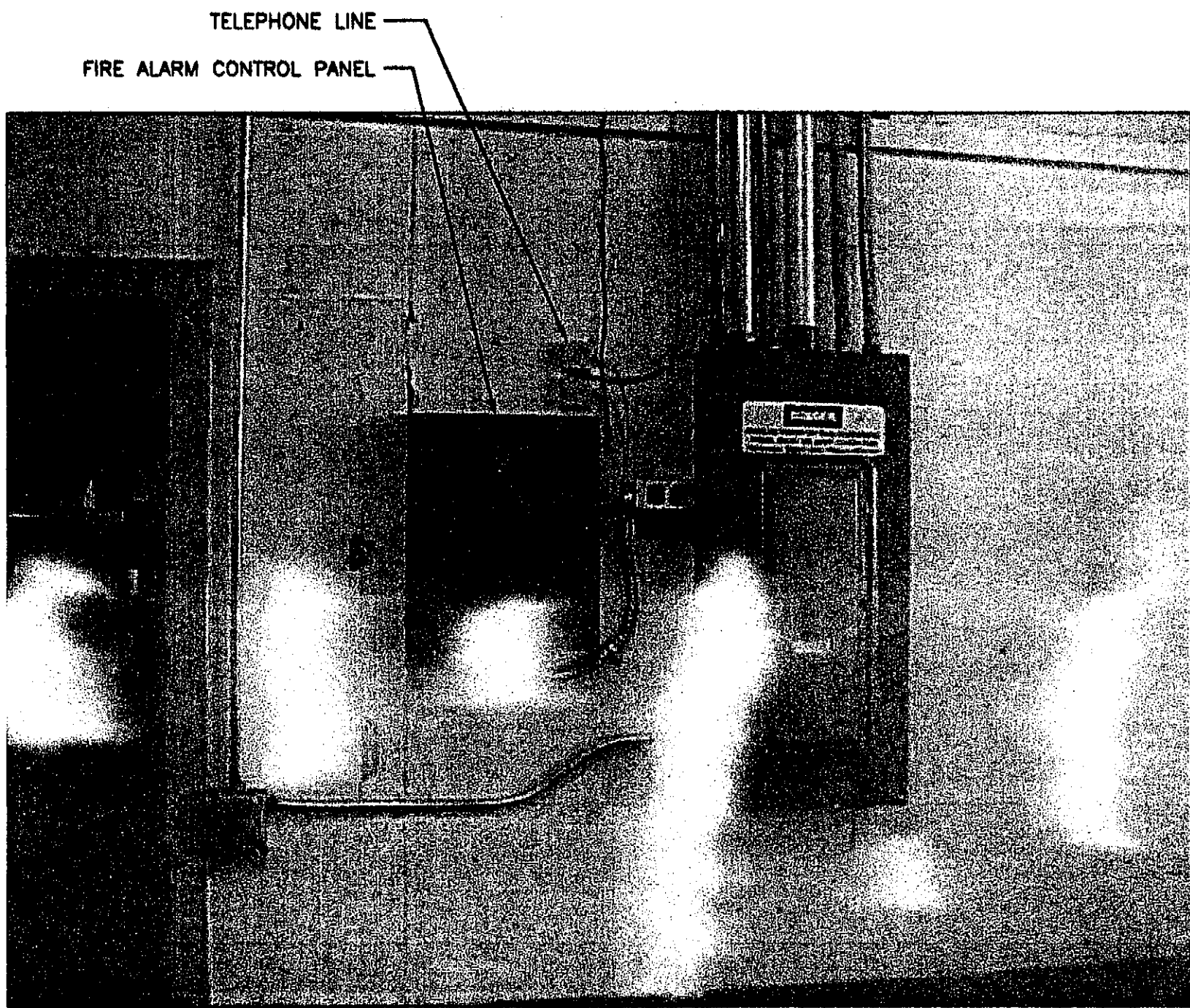
DATA RACK

PROVIDE COPPER BACKBONE CABLE TO SECOND FLOOR DATA RACK. INTERCONNECT FOR CONNECTIVITY TO CAMPUS NETWORK.



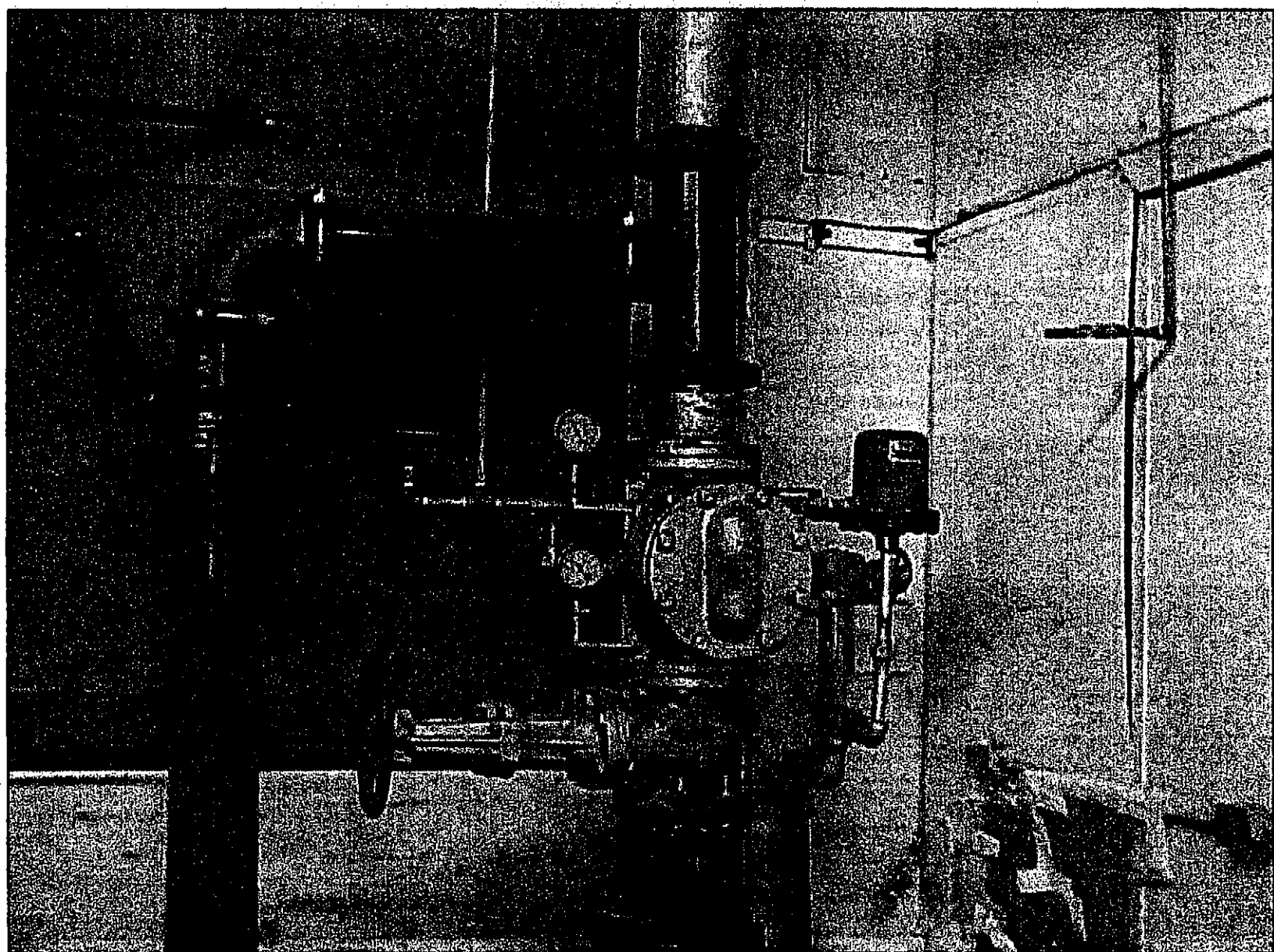
TELEPHONE SERVICE

REPLACE TERMINAL BLOCK WITH NEW PRIMARY PROTECTION AND 66 BLOCK. PROVIDE GROUND CONNECTION.



FIRE ALARM CONTROL PANEL (FACP)

REPLACE FIRE ALARM CONTROL PANEL. KEEP TELEPHONE LINES IN PLACE FOR TERMINATION TO NEW DIALER.



SPRINKLER RISER

RECONNECT SPRINKLER MONITOR DEVICE TO NEW FIRE ALARM CONTROL PANEL.

NOTES:

- ALL PHOTOGRAPHS WERE TAKEN ON THE FIRST LEVEL. FIELD VERIFY EQUIPMENT LOCATIONS OUTSIDE OF REMODEL AREA. THIS EQUIPMENT IS NOT SHOWN IN PLAN VIEW.

LEGEND

ABBREVIATIONS:

AFF	ABOVE FINISHED FLOOR
FACP	FIRE ALARM CONTROL PANEL
GFI	GROUND FAULT INTERRUPTED
TTB	TELEPHONE TERMINAL BOARD
UON	UNLESS OTHERWISE NOTED
ⓔ	EXISTING
Ⓝ	NEW

SWITCHING:

S	SINGLE POLE SWITCH, 48" AFF
---	-----------------------------

LIGHTING:

FLUORESCENT LUMINAIRE, EQUIP w/ SINGLE EMERGENCY BALLAST WHERE SHOWN. BODINE B50 F-48 OR APPROVED EQUAL.

○	FLUORESCENT LUMINAIRE
○	CEILING MOUNTED LUMINAIRE
⊗	CEILING MOUNTED EXIT LUMINAIRE
⊗	WALL MOUNTED EXIT LUMINAIRE
—	FLUORESCENT STRIP LUMINAIRE
⊕	EMERGENCY (BUG EYE) LUMINAIRE
⊗	EXTERIOR WALL MOUNTED LUMINAIRE

POWER:

⊕	DUPLEX RECEPTACLE, 18" AFF UON.
⊕	DOUBLE DUPLEX RECEPTACLE, 18" AFF
⊕	RECEPTACLE OUTLET
⊕	SPECIAL RECEPTACLE, 18" AFF UON.
⊕	220V SINGLE PHASE RECEPTACLE, 18" AFF
⊕	JUNCTION BOX
⊕	PUSH BUTTON
⊕	PANELBOARD
⊕	DISCONNECT

SIGNAL:

⊕	SMOKE DETECTOR
⊕	HEAT DETECTOR
⊕	MANUAL PULL STATION, 48" AFF
⊕	FIRE ALARM HORN/STROBE, 80" AFF TO BASE
⊕	FIRE ALARM STROBE ONLY, 80" AFF TO BASE
⊕	TELEPHONE, 18" AFF UON.
⊕	DATA, 18" AFF UON.
⊕	DATA/TELEPHONE, 18" AFF UON.

GENERAL:

—	HOME RUN
—	CONDUIT: 1/2" UON.
—	UNGROUND CONDUCTORS
—	NEUTRAL: #10 WITH DOT #12 OTHERWISE
—	GROUND CONDUCTOR
—	CONDUCTORS NOT SHOWN WHERE ONLY #12 NEUTRAL AND UNGROUNDED CONDUCTOR ARE REQUIRED

NOTE: ALL DEVICE HEIGHTS TO CENTER, UON.

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Tue, 01/Jun/04 02:07PM

TAB: Model

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



DESIGNED BY: BJB

DRAWN BY: PEL

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING
SERVICES DIVISION
MT EDGE CUMBE
HIGHSCHOOL
CLASSROOM
RENOVATION
BUILDING 299

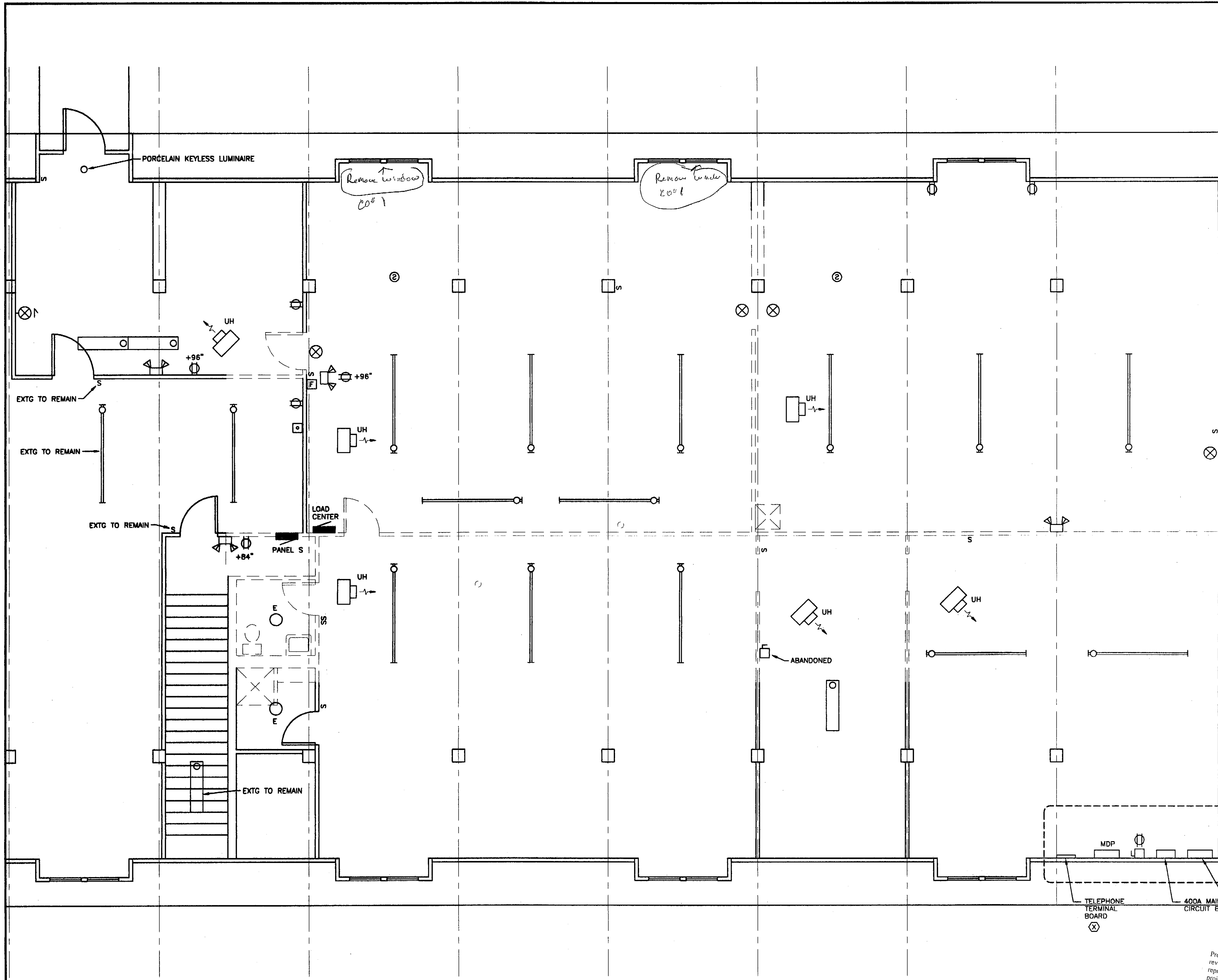
SHEET E100

PROJECT DESIGNATION NUMBER

67751

STATE	YEAR
ALASKA	2004
SHEET NUMBER	TOTAL SHEETS
20	23

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. *[Signature]* Date 7/7/07



- NOTES:
1. DEMOLISH ALL ELECTRICAL COMPONENTS SHOWN, UON.
 2. MDP: 120/208V, 3 PH, 4W, 400A SIEMENS ITE PANELBOARD, TYPE CDP-7, (3) 225A3P FEEDER CIRCUIT BREAKERS, (1) 225A3P SPACE.
 3. PANEL S FEEDS BRANCH CIRCUITS THROUGHOUT THE SECOND FLOOR. EXISTING CIRCUITS OUTSIDE OF THE REMODEL AREA SHALL REMAIN OPERATIONAL. EXTEND ACTIVE CIRCUITS TO NEW PANEL IN STORAGE 213.
 4. DEMOLISH ALL FIRE ALARM DEVICES THROUGHOUT BUILDING, VERIFY SCOPE OF WORK.
 5. COORDINATE SCOPE OF MECHANICAL DEMOLITION WITH THE MECHANICAL SYSTEM NARRATIVE.

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Tue, 01/Jun/04 02:07PM
TAB: Model

RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

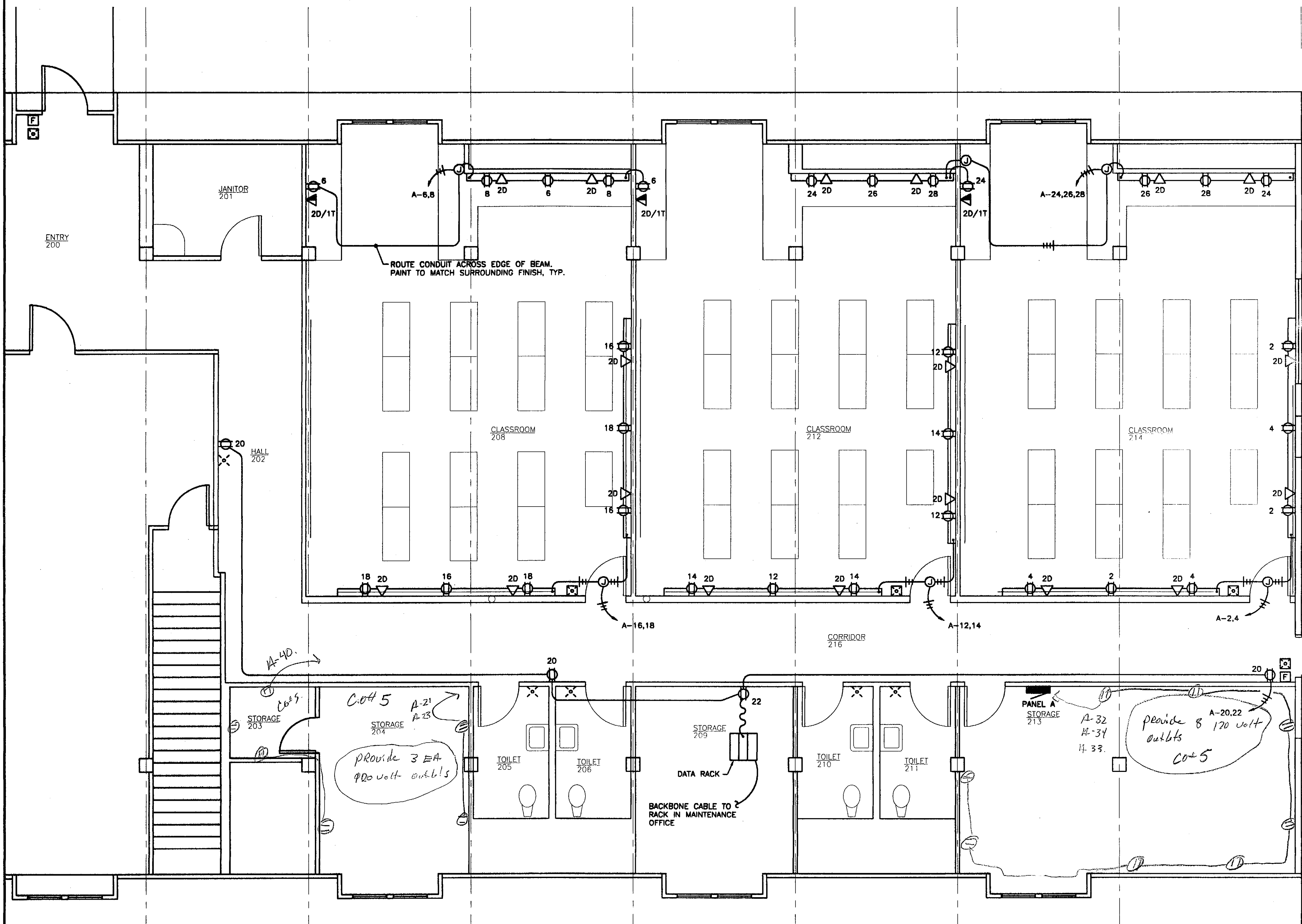
DESIGNED BY: BJB
DRAWN BY: PEL

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION

MT EDGECUMBE
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RENOVATION
BUILDING 299

SHEET E101
PROJECT DESIGNATION NUMBER
67751

STATE	YEAR
ALASKA	2004
SHEET NUMBER	TOTAL SHEETS
21	23



- NOTES:
1. PROVIDE (1) 2 PAIR CATEGORY 3 CABLE FOR EACH TELEPHONE OUTLET. TERMINATE AT TTB IN MAIN ELECTRICAL ROOM. PROVIDE (2) 4 PAIR CATEGORY 5 CABLES FOR EACH DATA OUTLET. TERMINATE AT DATA RACK PATCH PANEL.
 2. PROVIDE NEW SIEMENS 225A3P CIRCUIT BREAKER IN THE MDP FOR PANEL A FEEDER. PROVIDE 2-1/2", 4 NO. 4/0, 1 NO. 4 GND FOR FEEDER. SEE E101 FOR MDP LOCATION.
 3. PROVIDE 19"Wx7"H ALUMINUM DATA RACK WITH VERTICAL AND HORIZONTAL CABLE SUPPORT AND VERTICAL POWER STRIP. MOUNT 48 PORT PATCH PANEL AND SWITCH IN RACK. PROVIDE UPLINK FROM SWITCH TO CORE SWITCH IN MAINTENANCE AREA DATA RACK. COORDINATE WITH OWNER.
 4. COORDINATE SCOPE OF MECHANICAL WORK WITH THE MECHANICAL SYSTEM NARRATIVE.
 5. PROVIDE MANUAL PULL STATIONS AT ALL EXIT DOORS OUTSIDE OF THE REMODEL AREA. PROVIDE AUDIBLE AND VISUAL NOTIFICATION APPLIANCES OUTSIDE OF THE REMODEL AREA AS REQUIRED BY CODE. ASSUME (6) ADDITIONAL MANUAL PULL STATIONS, AND (10) ADDITIONAL HORN-STROBE UNITS.
 6. PROVIDE 30A, 120V CONNECTION FOR HAND DRYER IN TOILETS 205, 206, 210 AND 211. VERIFY LOAD WITH OWNER.

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DESIGNED BY: BJB	
DRAWN BY: PEL	
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION	
MT EDGECUMBE HIGH SCHOOL CLASSROOM RENOVATION BUILDING 299	
SHEET E201	
PROJECT DESIGNATION NUMBER	
67751	
STATE	YEAR
ALASKA	2004
SHEET NUMBER	TOTAL SHEETS
22	23

Project As-Built Drawings have been
reviewed by the Project Engineer and
present to the best of my knowledge, the
project as constructed.
Proj. Eng. *[Signature]* Date 3-3-07

NOTES:

1. TYPE A: 2'x4' RECESSED FLUORESCENT TROFFER WITH HOLOPHANE LENS, (2) 32W T8, 3500K, CRI 85 LAMPS, AND INSTANT START T8 ELECTRONIC BALLAST. LITHONIA #2SP8 G 232 84Y 120 GEB10IS. FOR TYPE AE LUMINAIRES ADD EMERGENCY BALLAST OPTION #EL6 TO THE ABOVE.
2. TYPE B: 4' SURFACE MOUNTED FLUORESCENT WRAPAROUND WITH ACRYLIC DIFFUSER, (2) 32W T8, 3500K, CRI 85 LAMPS, AND INSTANT START T8 ELECTRONIC BALLAST. LITHONIA #LB 232 120 GEB10IS. FOR TYPE BE LUMINAIRES ADD EMERGENCY BALLAST OPTION #EL6 TO THE ABOVE.
3. TYPE C: CORNER MOUNTED FLUORESCENT WRAPAROUND WITH CLEAR POLYCARBONATE DIFFUSER, (1) 32W T8, 3500K, CRI 85 LAMP, AND INSTANT START T8 ELECTRONIC BALLAST. LITHONIA #VDC 132 120 GEB10IS. MOUNT TO BACK SIDE OF BEAM AS SHOWN, TYP.
4. TYPE D: 36" WALL MOUNTED FLUORESCENT WRAPAROUND WITH HIGH-IMPACT ACRYLIC DIFFUSER, (2) 25W T8, 3500K, CRI 85 LAMPS, AND INSTANT START T8 ELECTRONIC BALLAST. LITHONIA #CA 232 AR 120 GEB10IS. WALL MOUNT ABOVE MIRROR.
5. EXIT SIGNS: UNIVERSAL MOUNTED, DIE-CAST ALUMINUM HOUSING, LED LAMP, SINGLE FACE WITH GREEN LETTERS, NICKEL-CADMIUM BATTERY WITH SELF-DIAGNOSTICS. LITHONIA #LES 1 G 120/277 ELNSD.
6. CONNECT LUMINAIRES TO PANEL A WITH TYPE THHN-THWN COPPER CONDUCTORS IN EMT CONDUIT. SWITCH AS SHOWN.
7. PROVIDE 20 AMPERE, QUIET TYPE, HEAVY DUTY SNAP SWITCHES.

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Tue, 01/Jun/04 02:07PM

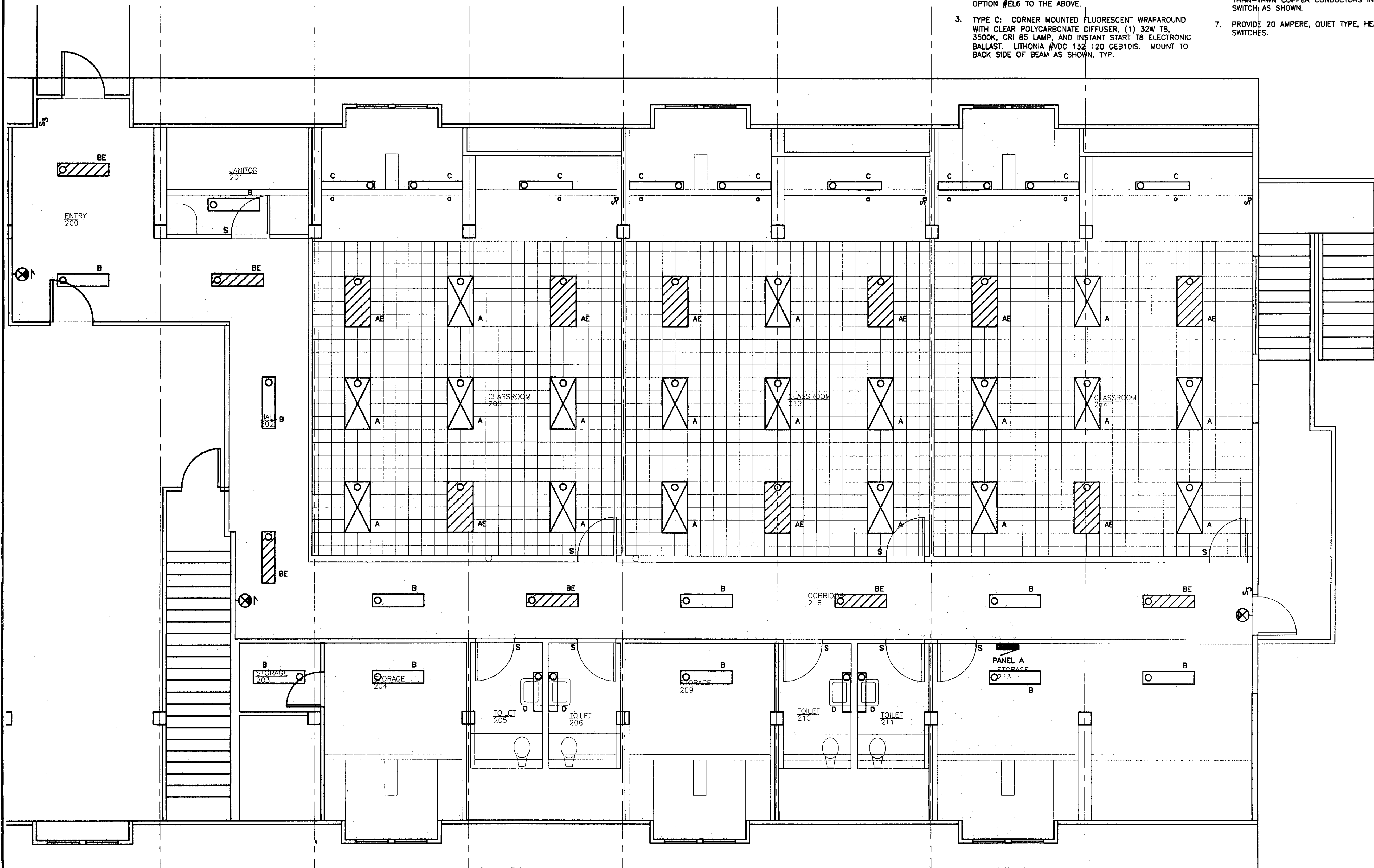
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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



1 2ND FLOOR PLAN - BUILDING 299 - LIGHTING

SCALE: 0 2' 4' 8'

Project As-Built Drawings have been
reviewed by the Project Engineer and
represented to the best of my knowledge, the
project as constructed.
Proj. Eng. *[Signature]* Date 7-2-07



DESIGNED BY: BJB
DRAWN BY: PEL
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING
SERVICES DIVISION
MT EDGE CUMBE
HIGH SCHOOL
CLASSROOM
RENOVATION
BUILDING 299

SHEET E301	
PROJECT DESIGNATION NUMBER	
67751	
STATE	YEAR
ALASKA	2004
SHEET NUMBER	TOTAL SHEETS
23	23