

KETCHIKAN GATEWAY BOROUGH VALLEY PARK ELEMENTARY SCHOOL RENOVATION

KETCHIKAN, ALASKA

PHASE 1 April 15, 1999

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A001 COVER A102 UPPER LEVEL DEMO PLAN A201 LOWER LEVEL FLOOR PLAN A202 UPPER LEVEL FLOOR PLAN A203 ROOF PLAN A301 ELEVATIONS A302 ELEVATIONS A801 WINDOW TYPES/ DETAILS A802 WALL SECTION/ EXTERIOR DETAILS A803 EXTERIOR DETAILS A804 RAMP RAIL	C100 HANDICAP PARKING AREA C101 DRAINAGE IMPROVEMENT ALTERNATE 1 C102 DETAILS	S0.1 GENERAL NOTES AND ABBREVIATIONS S1.1 PARTIAL FLOOR FRAMING PLAN S1.2 PARTIAL FLOOR FRAMING PLAN S1.3 PARTIAL FLOOR FRAMING PLAN S2.1 PARTIAL ROOF FRAMING PLAN S2.2 PARTIAL ROOF FRAMING PLAN S2.3 PARTIAL ROOF FRAMING PLAN S3.1 DETAILS	M1 SCHEDULE, LEGEND AND MECHANICAL DEMOLITION M2 MECHANICAL REMODEL PLAN	E1 LEGEND, DEMO PLAN, FIXTURE SCHEDULE E2 ELECTRICAL REMODEL PLAN

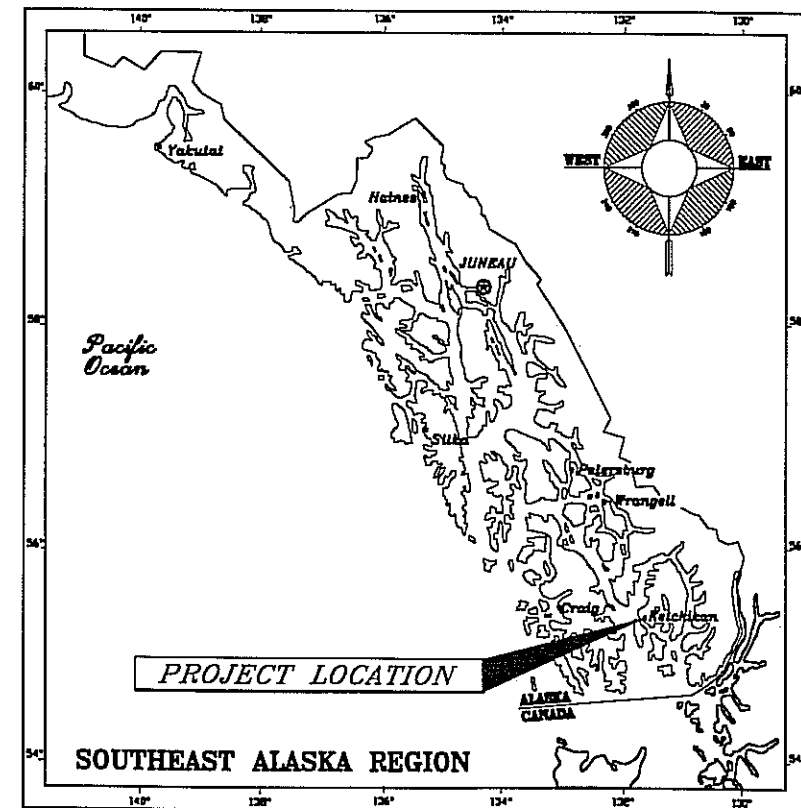
ABBREVIATIONS

A AND L ANGLE O AT C CENTERLINE D DIAMETER # NUMBER ACJUS ACJUSICAL ADJ ADJUSTABLE AFF ABOVE FINISH FLOOR AIR AIR INFILTRATION BARRIER AL ALUMINUM AP APPROXIMATE ARCH ARCHITECTURAL ASB ASBESTOS BD BOARD BITUM BITUMINOUS BLDG BUILDING BLK BLOCK BLKG BLOCKING BM BEAM BOT BOTTOM CAB CABINET CB CATCH BASIN CEM CEMENT CER CERAMIC CG CORNER GUARD CHAN CHANNEL CI CAST IRON CLG CEILING CLNG CLANKING CLO CLOSET CLR CLEAR CNTR CENTER CO CASED OPENING COL COLUMN CONC CONCRETE CONN CONNECTION CONSTR CONSTRUCTION CONT CONTINUOUS CORR CORRIDOR CPT CARPET CT CERAMIC TILE CTR CENTER CTSK COUNTERSINK	DBL DOUBLE DEPT DEPARTMENT DF DRINKING FOUNTAIN DET DETAIL DIA DIAMETER DIM DIMENSION DISP DISPENSER DN DOWN DOOR DOOR OPENING DR DRY STANDPIPE DWP DRAWING DWR DRAWER E EAST EACH EACH EIPS EXTERIOR INSULATION & FRESH SYSTEM EJ EXPANSION JOINT EL ELEVATION ELEC ELECTRICAL ELEV ELEVATOR EMER EMERGENCY EM ENTRY MAT ENCL ENCLOSURE EP ELECTRICAL PANELBOARD EPDM ETHYLENE PROPYLENE DIENE MONOMER EQ EQUAL EQP EQUIPMENT EWC ELECTRIC WATER COOLER EX EXISTING EXPO EXPOSED EXP EXPANSION EXT EXTERIOR FA FIRE ALARM FB FLAT BAR FDR FLOOR DRAIN FDN FOUNDATION FECE FIRE EXTINGUISHER CAB FF FINISH FLOOR FHC FIRE HOSE CABINET FH FINISH FLR FLOOR	FLASH FLASHING FLUOR FLUORESCENT FOC FACE OF CONCRETE FOF FACE OF FINISH FOS FACE OF STUDS FPRF FIREPROOF F/R FIRE RETARDANT FS FULL SIZE FSR FLEXIBLE SHEET ROOFING FT FOOT OR FEET FTG FOOTING FURR FURRING FUT FUTURE GA GAUGE GALV GALVANIZED GB GRAB BAR GBB GYPSUM BOARD GL GLASS GR GRADE GYP GYPSUM H HIGH HB HOSE BIBB HC HOLLOW CORE HDWD HARDWOOD HDWR HARDWARE HM HOLLOW METAL HDZ HORIZONTAL HR HOUR HT HEIGHT HW HOT WATER ID INSIDE DIAMETER INSUL INSULATION INT INTERIOR JAK JACKET JT JOINT LAB LABORATORY LAM LAMINATE LAV LAVATORY LKR LOCKER LT LIGHT	M MIRROR MAX MAXIMUM MC MEDICINE CABINET MDO MEDIUM DENSITY OVERLAD OVERLAD MECH MECHANICAL MEMB MEMBRANE MFR MANUFACTURER MH MANHOLE MIN MINIMUM MISC MISCELLANEOUS MO MASONRY OPENING MTD MOUNTED METAL METAL MTL MULLION N NORTH NC NOT IN CONTRACT NO OR NUMBER NOM NOMINAL NTS NOT TO SCALE O OVERALL OC ON CENTER OD OUTSIDE DIAMETER OFD OVERFLOW DRAIN OFF OFFICE OPNG OPPOSITE PL PLATE PLJM PLASTIC LAMINATE PLAS PLASTER PR PAR PRECAST PRE-CAST PT POINT PTD PAPER TOWEL DISPENSER PTN PARTITION PVL POLYVINYL CHLORIDE PWD PLYWOOD QT QUARRY TILE	R RISER RAD RADIUS RD ROOF DRAIN REF REFERENCE REFR REFRIGERATION REINF REINFORCED REQ REQUIRED RESL RESILIENT RGTR REGISTER RH ROBE HOOK RM ROOM RO ROUGH OPENING RWD REDWOOD RWL RAIN WATER LEADER S SOUTH SC SOLID CORE SCG SEAT COVER DISPENSER SCHED SCHEDULE SD SOAP DISPENSER SECT SECTION SF SQUARE FOOT SH SHELF SHR SHOWER SHS SHEATHING SM SIMILAR SMD SANITARY NAPKIN DISPENSER SHR SANITARY NAPKIN RECEPTACLE SPEC SPECIFICATIONS SQ SQUARE S SK STATION STA STATION STC SOUND TRANSMISSION CLASS STD STANDARD STL STEEL STOR STORAGE STRUCT STRUCTURAL ST ST STAINLESS STEEL SUSP SUSPENDED SY SQUARE YARD	TB TOWEL BAR TC TOP OF CURB TEL TELEPHONE TER TERRAZZO TAG TAG THK THICK TOC TOP OF CONCRETE TOD TOP OF DECK TPD TOP OF PAVEMENT TPO TOILET PAPER DISPENSER TRD TREAD TV TELEVISION TW TOP OF WALL TYP TYPICAL UL UNDERWRITER LABORATORY UNF UNFINISHED UNLESS OTHERWISE NOTED URN URN VERT VERTICAL VEST VESTIBULE W WIDE W/ WITH WC WATER CLOSET WD WOOD W/D WITHOUT WP WATERPROOF WSCT WANSICOT WT WEIGHT
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LEGEND

BUILDING SECTION EXTERIOR ELEVATION WALL SECTION DETAIL REFERENCE COLUMN GRID LINE INTERIOR ELEVATION PARTITION OR WALL TYPE ROOM TITLE EXISTING TO REMAIN NEW CONSTRUCTION EXISTING TO REMOVE		SECTION NUMBER SHEET NUMBER ELEVATION NUMBER SHEET NUMBER SECTION NUMBER SHEET NUMBER DETAIL NUMBER SHEET NUMBER GRID NUMBER ELEVATION NUMBER SHEET NUMBER PARTITION OR WALL TYPE ROOM NAME ROOM NUMBER EXISTING RELITE/WINDOW DOOR NUMBER RELITE/WINDOW NUMBER DOOR TO REMOVE RELITE/WINDOW TO REMOVE WALL TO REMOVE
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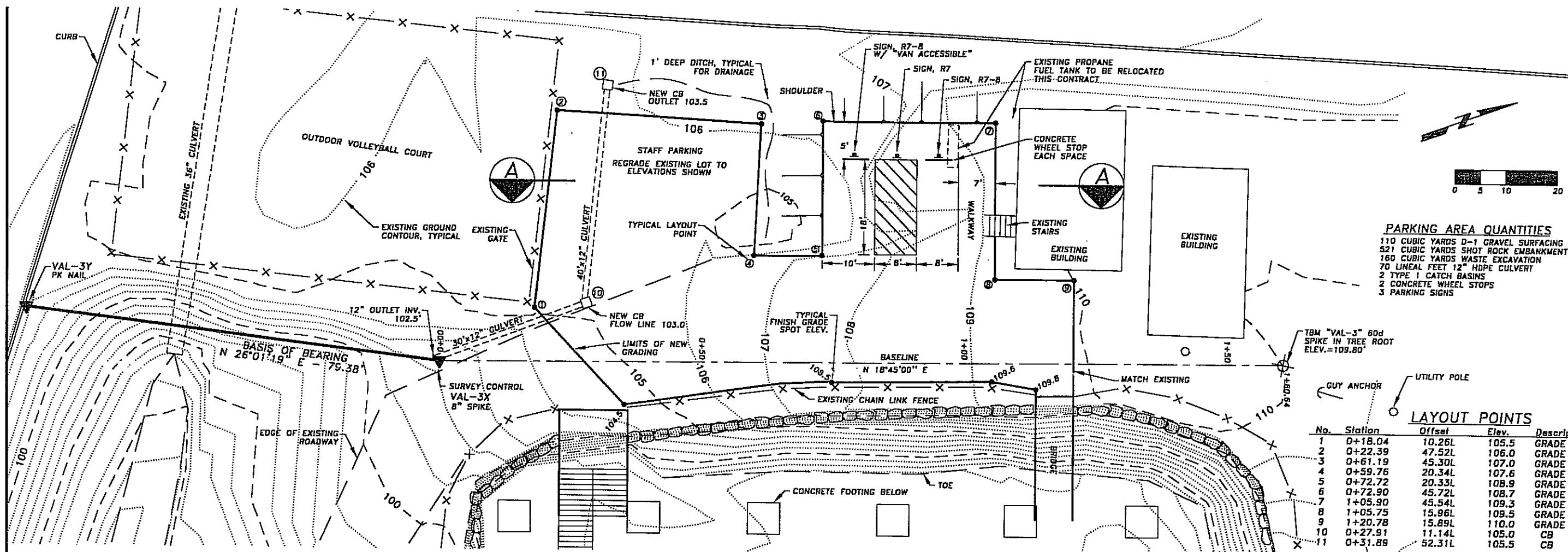
SITE MAP / BUILDING CODE SUMMARY



CODE ANALYSIS:
 CODE USED 1997 UBC
 OCCUPANCY TYPE: E DMSION 1
 BUILDING HEIGHT: 1 STORY
 BUILDING AREA: 37,500 SF



A001



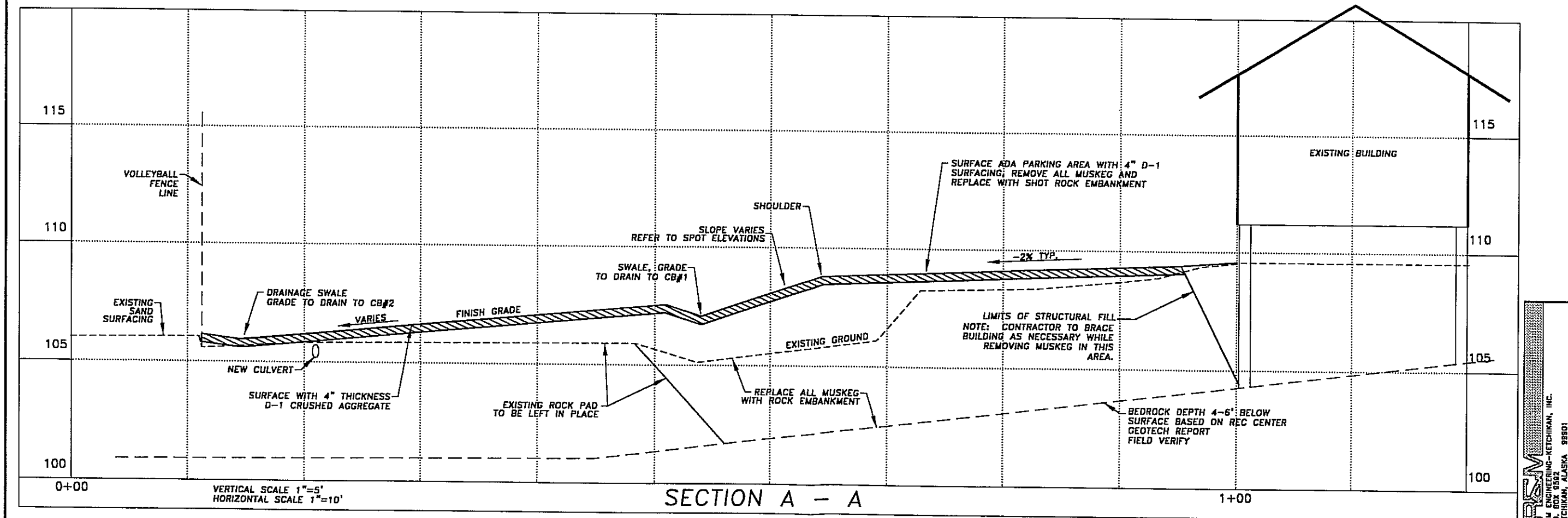
PARKING AREA QUANTITIES

- 110 CUBIC YARDS D-1 GRAVEL SURFACING
- 521 CUBIC YARDS SHOT ROCK EMBANKMENT
- 160 CUBIC YARDS WASTE EXCAVATION
- 70 LINEAL FEET 12" HDPE CULVERT
- 2 TYPE 1 CATCH BASINS
- 2 CONCRETE WHEEL STOPS
- 3 PARKING SIGNS

LAYOUT POINTS

No.	Station	Offset	Elev.	Descrip.
1	0+18.04	10.26L	105.5	GRADE
2	0+22.39	47.52L	106.0	GRADE
3	0+61.19	45.30L	107.0	GRADE
4	0+59.76	20.34L	107.6	GRADE
5	0+72.72	20.33L	108.9	GRADE
6	0+72.90	45.72L	108.7	GRADE
7	1+05.90	45.54L	109.3	GRADE
8	1+05.75	15.86L	109.5	GRADE
9	1+20.78	15.89L	110.0	GRADE
10	0+27.91	11.14L	105.0	CB
11	0+31.89	52.31L	105.5	CB

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**VALLEY PARK
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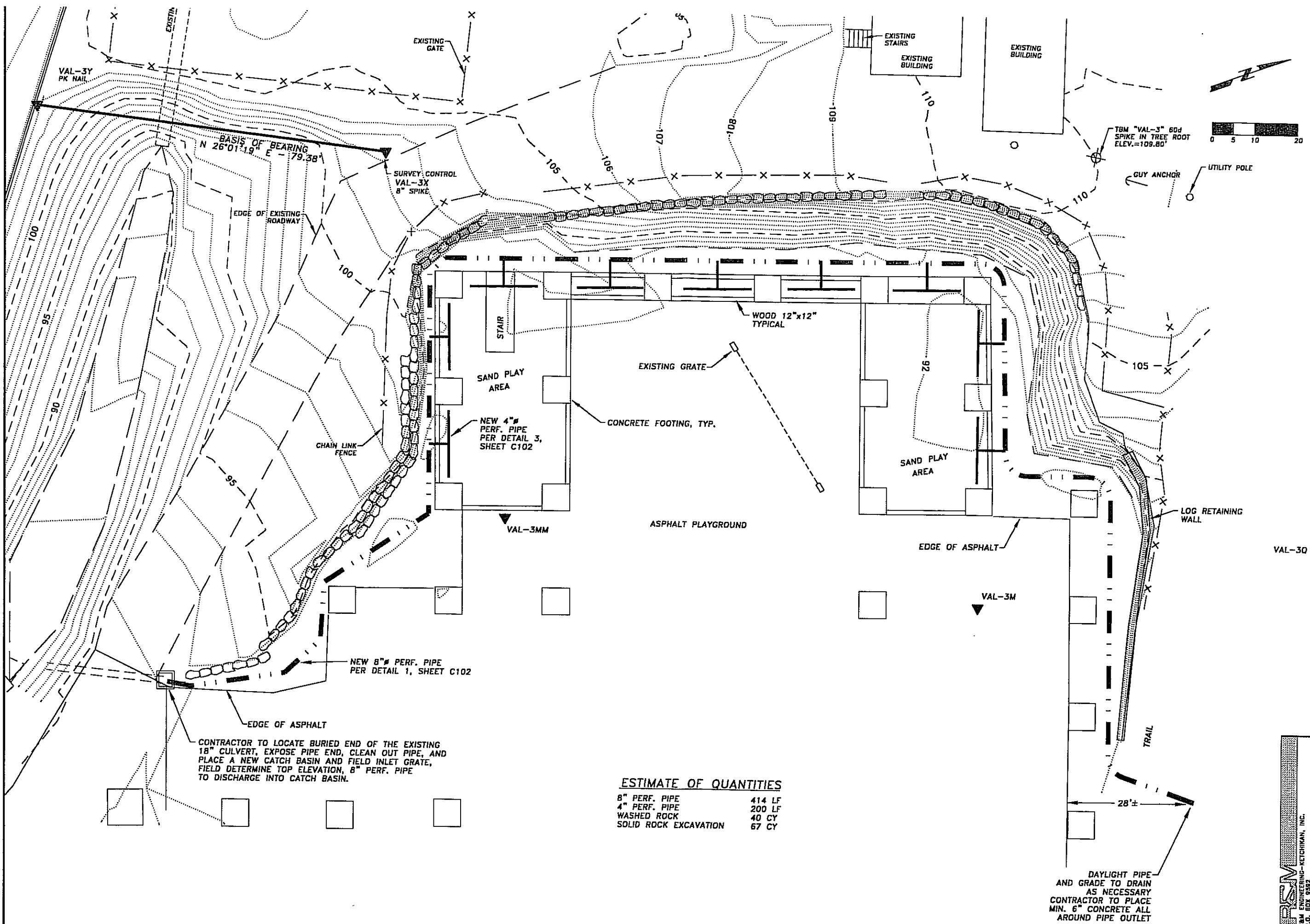
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SHEET TITLE
**HANDICAP
 PARKING AREA**

DATE: 4/15/99

C100

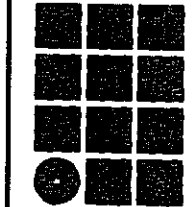


CONTRACTOR TO LOCATE BURIED END OF THE EXISTING 18" CULVERT, EXPOSE PIPE END, CLEAN OUT PIPE, AND PLACE A NEW CATCH BASIN AND FIELD INLET GRATE, FIELD DETERMINE TOP ELEVATION, 8" PERF. PIPE TO DISCHARGE INTO CATCH BASIN.

ESTIMATE OF QUANTITIES

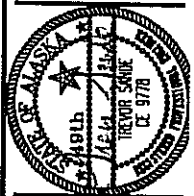
8" PERF. PIPE	414 LF
4" PERF. PIPE	200 LF
WASHED ROCK	40 CY
SOLID ROCK EXCAVATION	67 CY

DAYLIGHT PIPE AND GRADE TO DRAIN AS NECESSARY CONTRACTOR TO PLACE MIN. 6" CONCRETE ALL AROUND PIPE OUTLET



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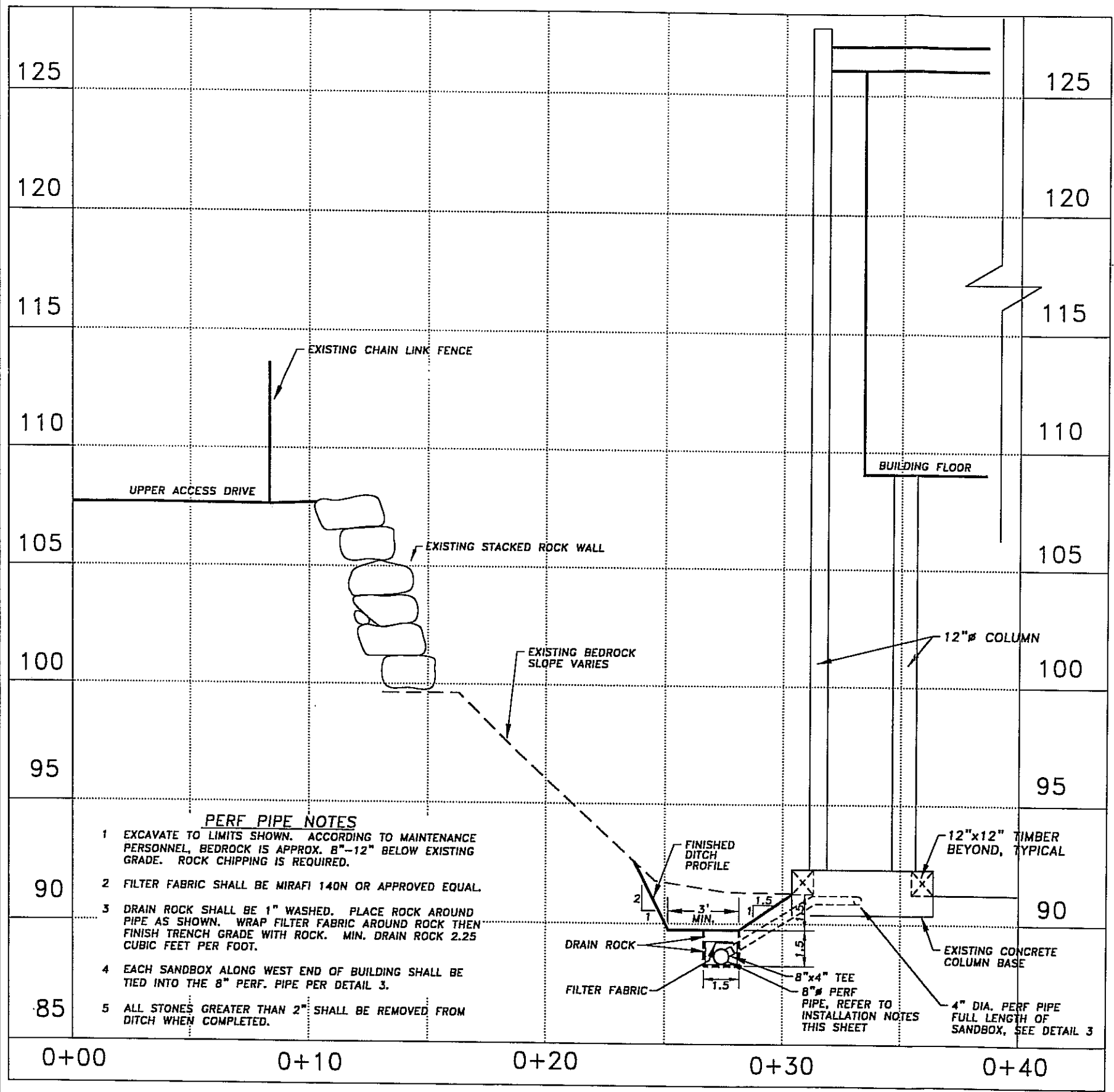
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VALLEY PARK ELEMENTARY SCHOOL RENOVATION
KETCHIKAN, ALASKA

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SHEET TITLE
DRAINAGE IMPROVEMENTS
DATE: 4/15/99

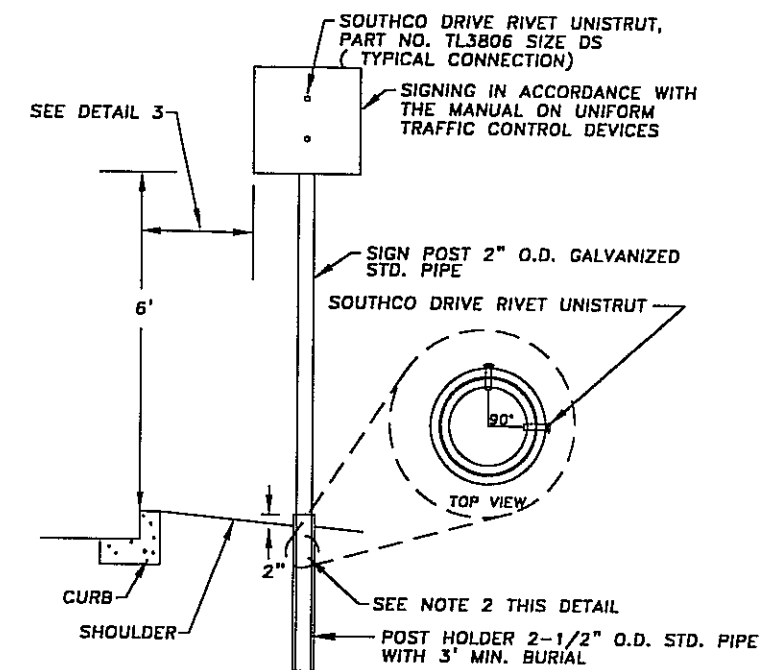
C101

R&M ENGINEERING-KETCHIKAN, INC.
 P.O. BOX 9592
 KETCHIKAN, ALASKA 99801



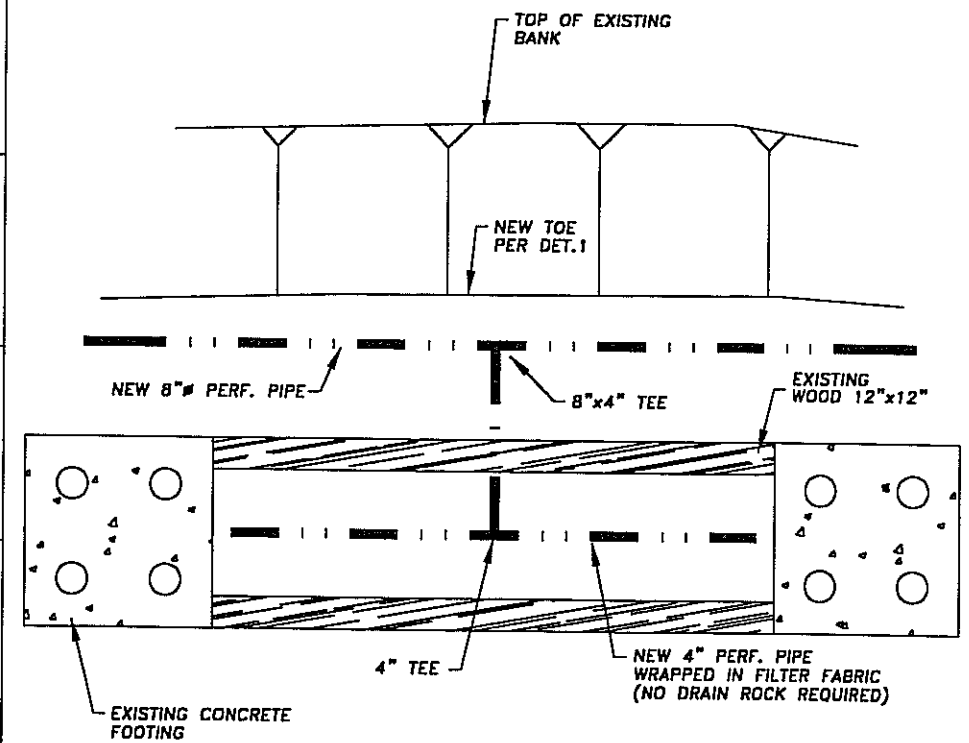
- PERF PIPE NOTES**
- 1 EXCAVATE TO LIMITS SHOWN. ACCORDING TO MAINTENANCE PERSONNEL, BEDROCK IS APPROX. 8"-12" BELOW EXISTING GRADE. ROCK CHIPPING IS REQUIRED.
 - 2 FILTER FABRIC SHALL BE MIRAFI 140N OR APPROVED EQUAL.
 - 3 DRAIN ROCK SHALL BE 1" WASHED. PLACE ROCK AROUND PIPE AS SHOWN. WRAP FILTER FABRIC AROUND ROCK THEN FINISH TRENCH GRADE WITH ROCK. MIN. DRAIN ROCK 2.25 CUBIC FEET PER FOOT.
 - 4 EACH SANDBOX ALONG WEST END OF BUILDING SHALL BE TIED INTO THE 8" PERF. PIPE PER DETAIL 3.
 - 5 ALL STONES GREATER THAN 2" SHALL BE REMOVED FROM DITCH WHEN COMPLETED.

1 PLAY AREA DRAINAGE DITCH
C102 NOT TO SCALE



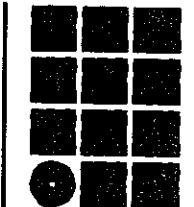
- NOTES:**
- 1) MAXIMUM & MINIMUM DIMENSIONS PER MANUAL ON UNIFORM TRAFFIC CONTROL DEVICE, PER PART II SIGNS.
 - 2) SIGN POST MUST BE INSERTED INTO HOLDER A MAXIMUM OF 12" AND A MINIMUM OF 6".
 - 3) MOUNT STREET SIGNS WITH 2-3/8" ROUND POST CAP.. BLADE HOLDER TO BE 12" LENGTH

2 SIGN DETAIL
C102 NOT TO SCALE



NOTE: PLACE PIPE IN ALL RAISED SANDBOX PLAY AREAS ADJACENT THE NEW 8" DRAIN LINE.

3 SANDBOX DRAIN
C102 NOT TO SCALE



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SHEET TITLE
DETAILS

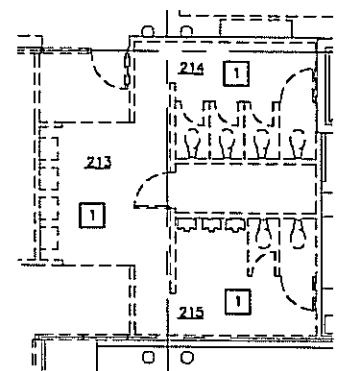
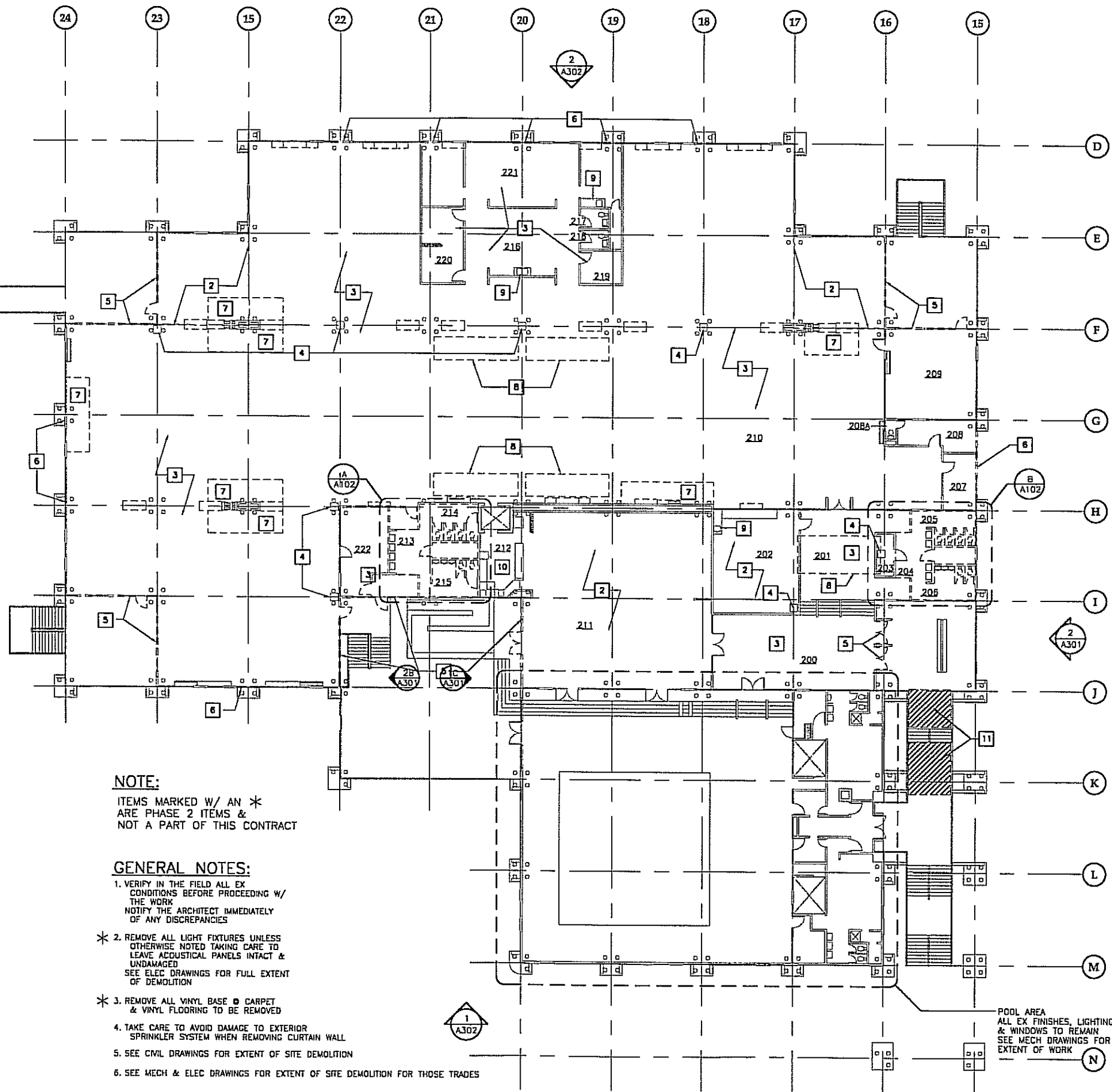
DATE: 4/15/99

C102

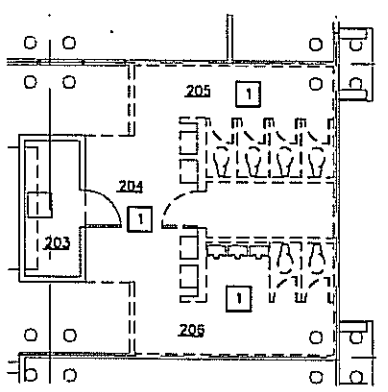
RYM
 RYM ENGINEERING-KETCHIKAN, INC.
 1000 W. 10TH STREET
 KETCHIKAN, ALASKA 99801

PLAN DEMO NOTES:

- * 1 REMOVE:
PLUMBING FIXTURES
TOILET PARTITIONS
CT FLOORING
PWD & CT WALLS AS SHOWN
- * 2 VINYL FLOORING TO BE REMOVED
- * 3 CARPET & PAD TO BE REMOVED
- * 4 REMOVE SUBFLOOR AS REQ FOR NEW MECH DUCTS
COORDINATE EXACT LOCATION W/ MECH WORK
TYP
- 5 REMOVE CURTAIN WALL WINDOW SYSTEM & DDORS
- 6 REMOVE WINDOWS
- * 7 REMOVE RAISED VINYL FLOORING &
PVD UNDERLAYMENT
- 8 REMOVE SKYLIGHTS
- 9 EX SINK & CAB TO REMAIN
- 10 EX KITCHEN EQUIPMENT TO REMAIN
- 11 REMOVE EX SPACED WD DECKING WHERE SHOWN



* A ENLARGED DEMO PLAN
SCALE 0 4' 8' 16'



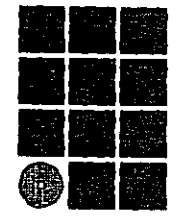
* B ENLARGED DEMO PLAN
SCALE 0 4' 8' 16'

NOTE:
ITEMS MARKED W/ AN *
ARE PHASE 2 ITEMS &
NOT A PART OF THIS CONTRACT

- GENERAL NOTES:**
1. VERIFY IN THE FIELD ALL EX CONDITIONS BEFORE PROCEEDING W/ THE WORK
NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES
 - * 2. REMOVE ALL LIGHT FIXTURES UNLESS OTHERWISE NOTED TAKING CARE TO LEAVE ACOUSTICAL PANELS INTACT & UNDAMAGED
SEE ELEC DRAWINGS FOR FULL EXTENT OF DEMOLITION
 - * 3. REMOVE ALL VINYL BASE & CARPET & VINYL FLOORING TO BE REMOVED
 4. TAKE CARE TO AVOID DAMAGE TO EXTERIOR SPRINKLER SYSTEM WHEN REMOVING CURTAIN WALL
 5. SEE CIVIL DRAWINGS FOR EXTENT OF SITE DEMOLITION
 6. SEE MECH & ELEC DRAWINGS FOR EXTENT OF SFE DEMOLITION FOR THOSE TRADES

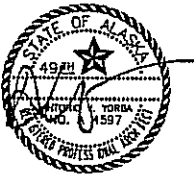
1 UPPER LEVEL DEMO PLAN

SCALE 0 4' 8' 16' 32'



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PHASE 1

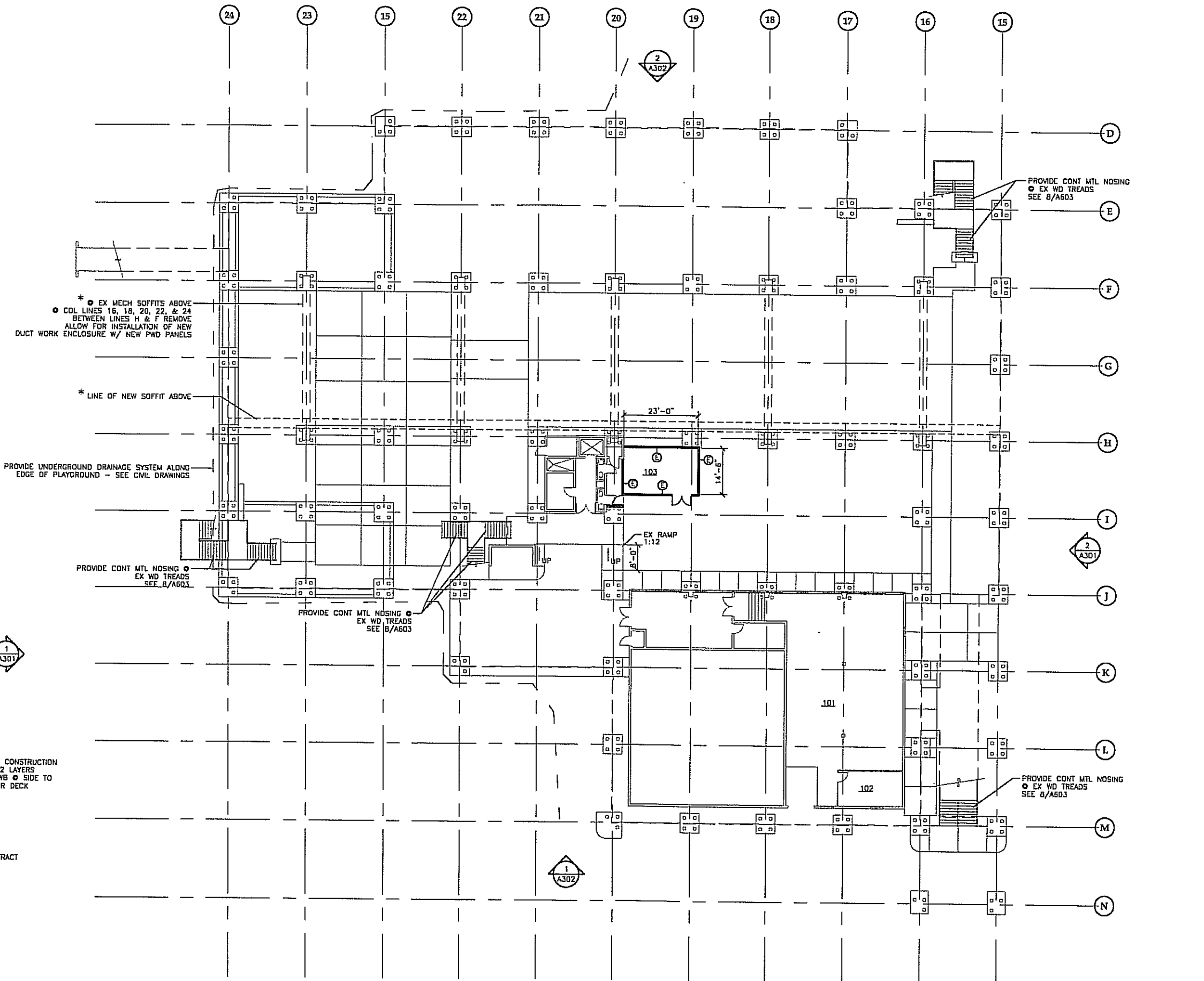
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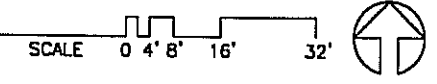
SHEET TITLE
**UPPER LEVEL
DEMO PLAN**

DATE: APRIL 15, 1999
FILE: 9901

A102

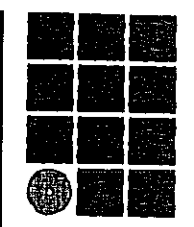


1 LOWER LEVEL FLOOR PLAN



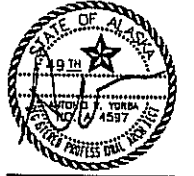
WALL TYPES
 * 2 HOUR FIRE RATED CONSTRUCTION
 2x4 @ 16" OC W/ 2 LAYERS
 5/8" FIRE RATED GWB @ SIDE TO
 UNDERSIDE OF FLOOR DECK

NOTE:
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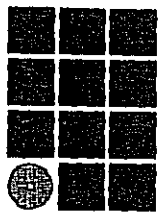
PHASE 1

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SHEET TITLE
 LOWER LEVEL
 FLOOR PLAN

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 FILE: 9901

A201



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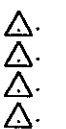
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PHASE 1

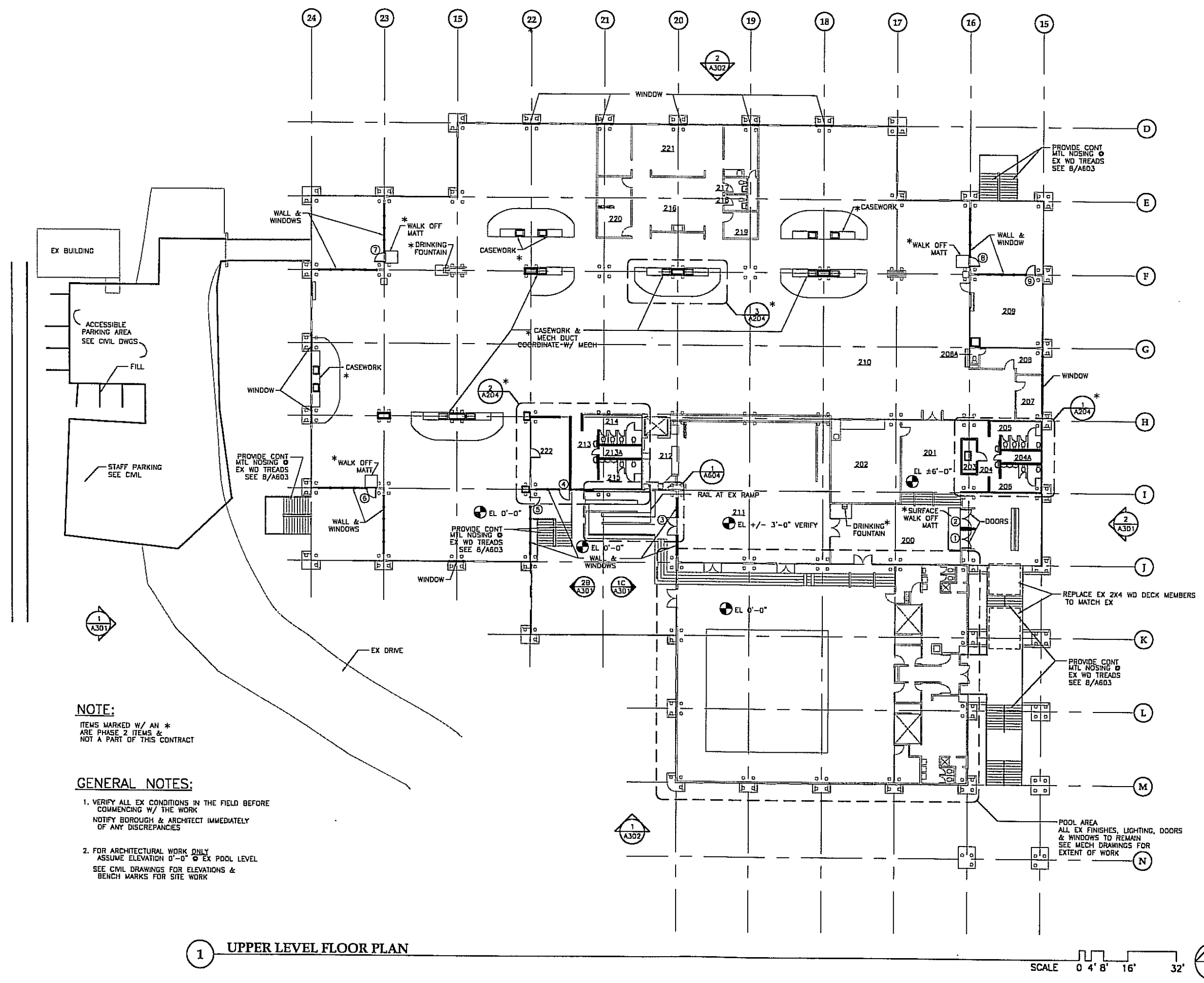
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SHEET TITLE
UPPER LEVEL
FLOOR PLAN

DATE: APRIL 15, 1999
FILE: 9901

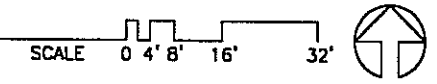
A202



NOTE:
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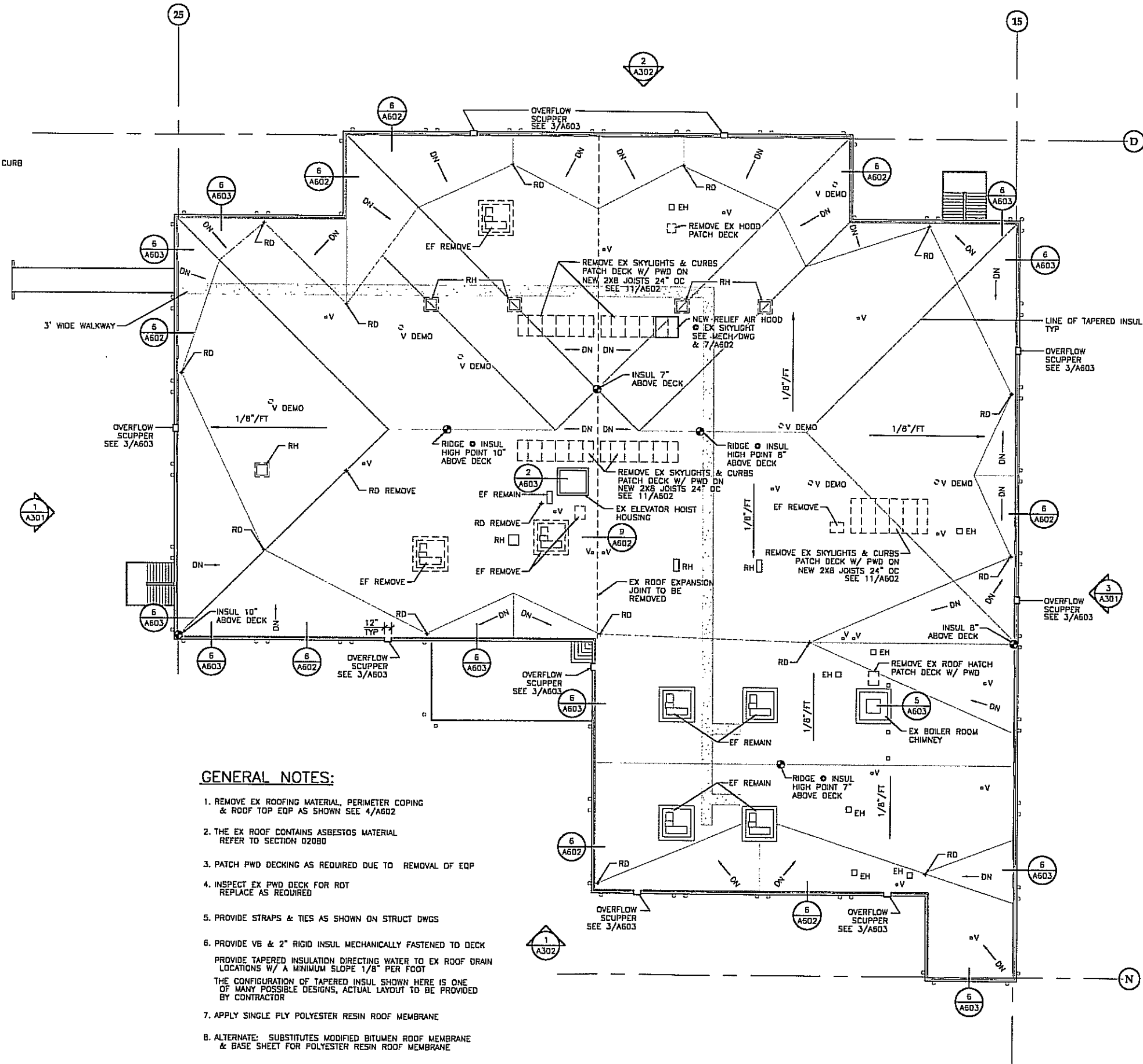
- GENERAL NOTES:**
1. VERIFY ALL EX CONDITIONS IN THE FIELD BEFORE COMMENCING W/ THE WORK
NOTIFY BOROUGH & ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES
 2. FOR ARCHITECTURAL WORK ONLY
ASSUME ELEVATION 0'-0" @ EX POOL LEVEL
SEE CIVIL DRAWINGS FOR ELEVATIONS & BENCH MARKS FOR SITE WORK

1 UPPER LEVEL FLOOR PLAN



ROOF KEY NOTES:

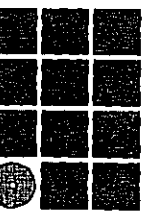
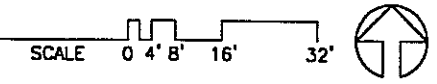
- RD ROOF DRAIN TO REMAIN SEE 10/A602
- EF REMOVE REMOVE EXHAUST FAN & CURB
PATCH DECK W/ PWD
- EF REMAIN EX EXHAUST FAN TO REMAIN
REMOVE TO EXTEND ROOF CURB
REINSTALL UNIT AND FLASH
SEE 1/A603
- RH REMOVE EX GOOSENECK RELIEF AIR HOOD & CURB
PROVIDE CURB EXTENSION
REINSTALL HOOD & FLASH
SEE 12/A602
- EH REMOVE EX EXHAUST AIR HOOD & CURB
PROVIDE CURB EXTENSION
REINSTALL HOOD & FLASH
SEE 12/A602
- V EX VENT STACK TO BE EXTENDED
SEE 4/A603
- V DEMO EX CANOPIED PIPE & INTERIOR
VENTILATOR TO BE REMOVED
PATCH DECK



GENERAL NOTES:

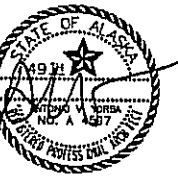
1. REMOVE EX ROOFING MATERIAL, PERIMETER COPING & ROOF TOP EQP AS SHOWN SEE 4/A602
2. THE EX ROOF CONTAINS ASBESTOS MATERIAL REFER TO SECTION 02080
3. PATCH PWD DECKING AS REQUIRED DUE TO REMOVAL OF EQP
4. INSPECT EX PWD DECK FOR ROT REPLACE AS REQUIRED
5. PROVIDE STRAPS & TIES AS SHOWN ON STRUCT DWGS
6. PROVIDE VB & 2" RIGID INSUL MECHANICALLY FASTENED TO DECK
PROVIDE TAPERED INSULATION DIRECTING WATER TO EX ROOF DRAIN LOCATIONS W/ A MINIMUM SLOPE 1/8" PER FOOT
THE CONFIGURATION OF TAPERED INSUL SHOWN HERE IS ONE OF MANY POSSIBLE DESIGNS, ACTUAL LAYOUT TO BE PROVIDED BY CONTRACTOR
7. APPLY SINGLE FLY POLYESTER RESIN ROOF MEMBRANE
8. ALTERNATE: SUBSTITUTES MODIFIED BITUMEN ROOF MEMBRANE & BASE SHEET FOR POLYESTER RESIN ROOF MEMBRANE

1 ROOF PLAN



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RENOVATION**
KETCHIKAN, ALASKA

PHASE 1

REVISIONS

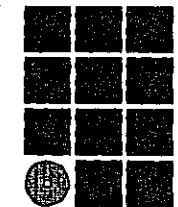
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SHEET TITLE

ROOF PLAN

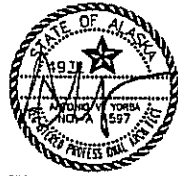
DATE: APRIL 15, 1999
FILE: 9901

A203



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**KETCHIKAN GATEWAY BOROUGH
VALLEY PARK
ELEMENTARY SCHOOL
RENOVATION
KETCHIKAN, ALASKA**

PHASE 1

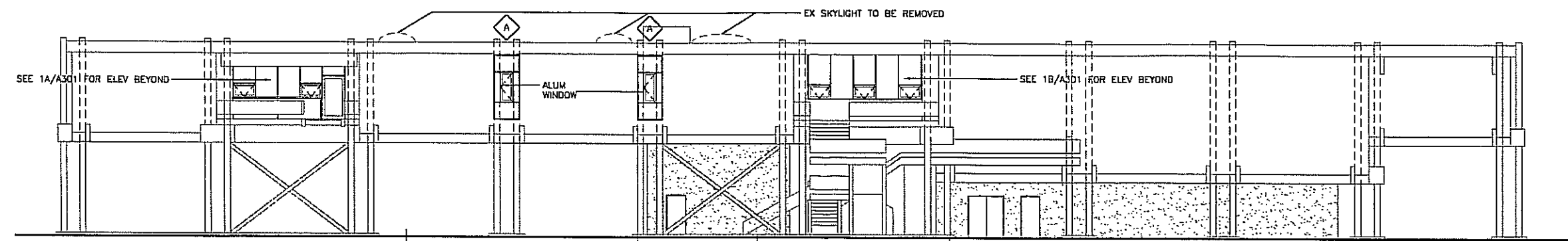
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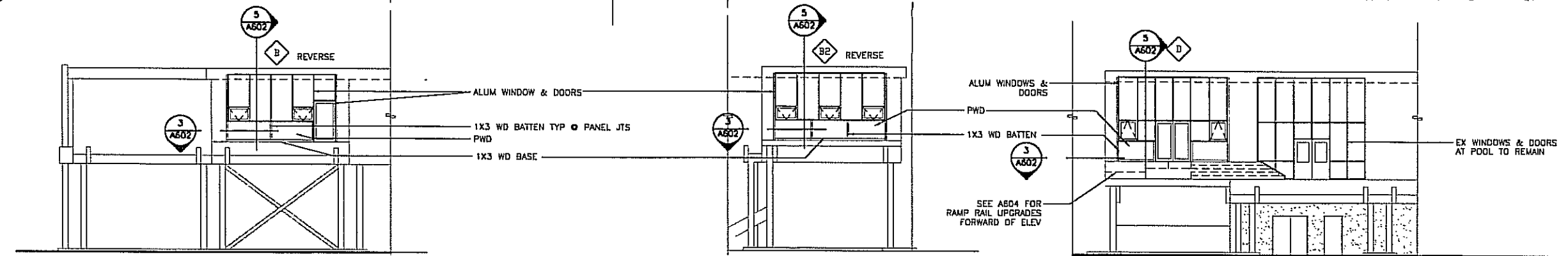
SHEET TITLE
ELEVATIONS

DATE: APRIL 15, 1999
FILE: 9901

A301

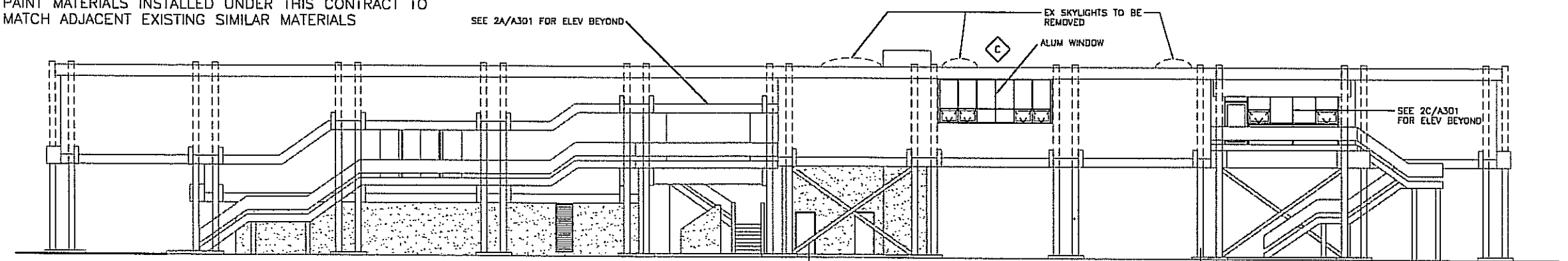


1 WEST ELEVATION SCALE 0 6' 12' 24'

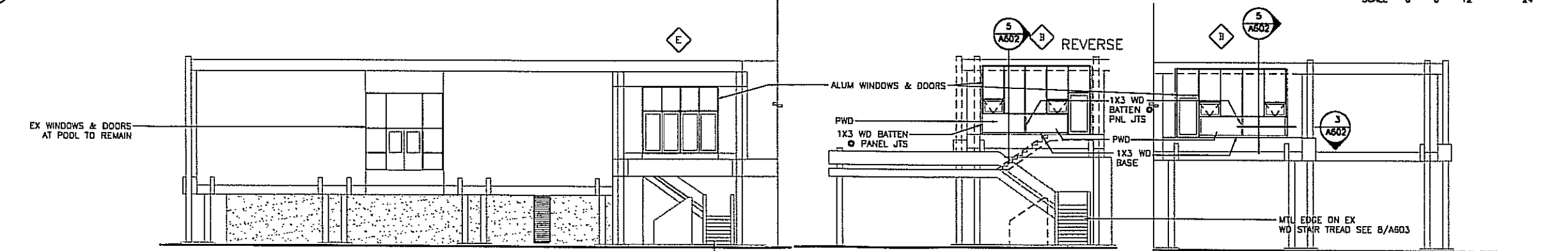


1A WEST ELEVATION BEYOND SCALE 0 6' 12' 24' **1B WEST ELEVATION BEYOND** SCALE 0 6' 12' 24' **1C WEST ELEVATION @ DECK** SCALE 0 6' 12' 24'

PAINT NOTES
PAINT MATERIALS INSTALLED UNDER THIS CONTRACT TO MATCH ADJACENT EXISTING SIMILAR MATERIALS

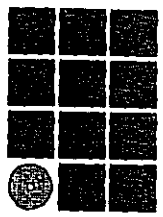


2 EAST ELEVATION SCALE 0 6' 12' 24'



2A EAST ELEVATION BEYOND SCALE 0 6' 12' 24' **2B EAST ELEVATION @ DECK** SCALE 0 6' 12' 24' **2C EAST ELEVATION BEYOND** SCALE 0 6' 12' 24'

PROVIDE MTL NOSING @ EX WD TREADS
SEE 8/A603



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KETCHIKAN, ALASKA

PHASE 1

REVISIONS

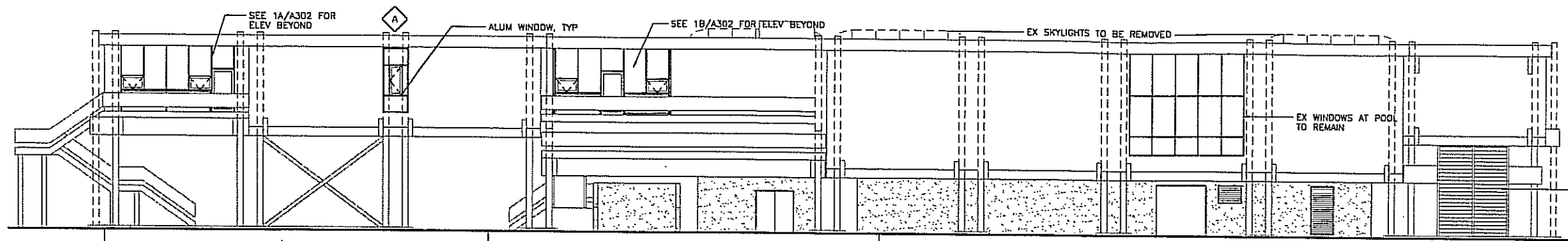
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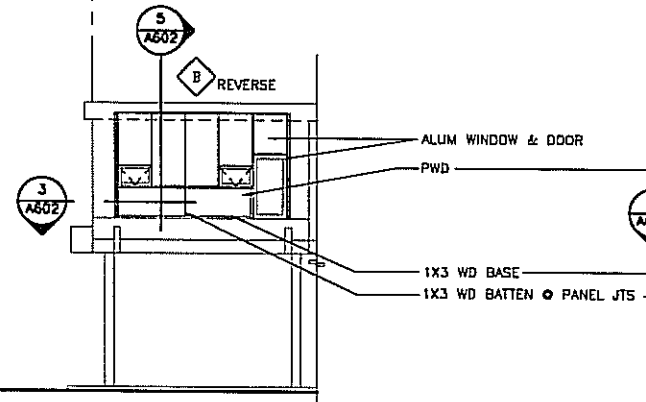
ELEVATIONS

DATE: APRIL 15, 1999
FILE: 9901

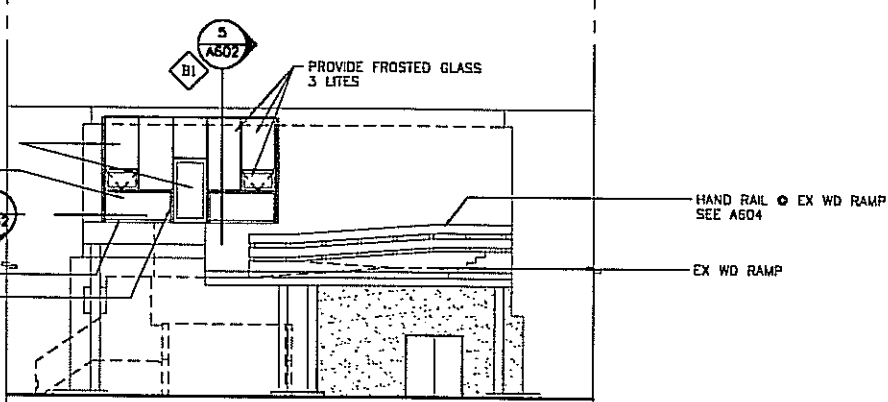
A302



1 SOUTH ELEVATION

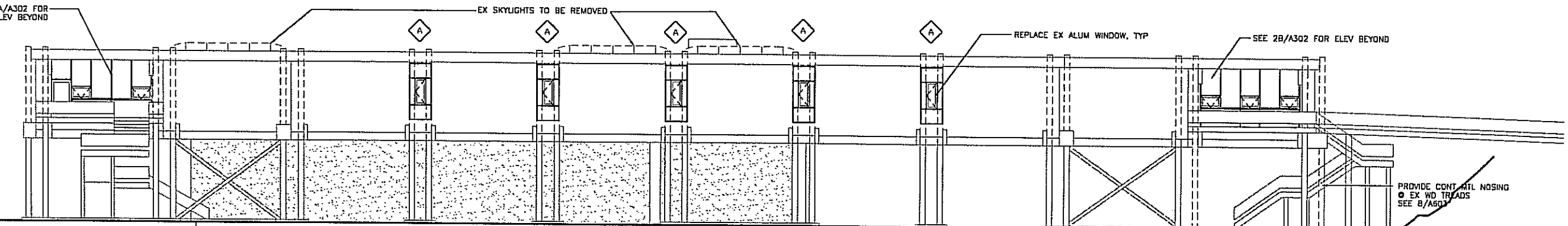


1A SOUTH ELEVATION BEYOND

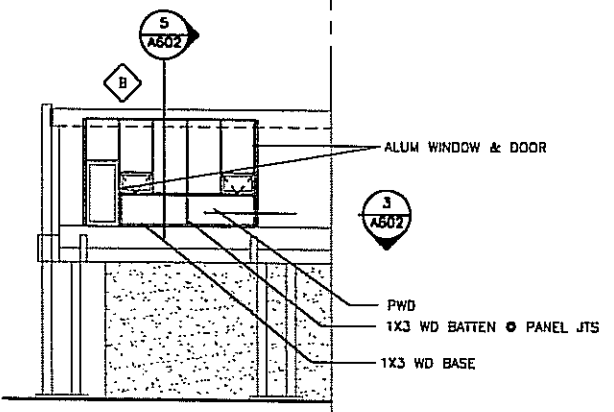


1B SOUTH ELEVATION BEYOND AT DECK

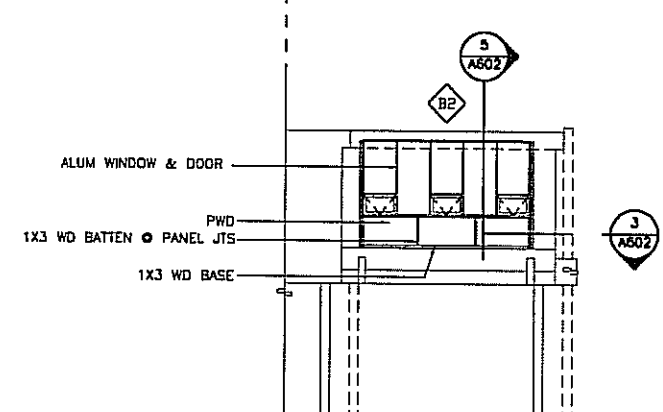
PAINT NOTES
PAINT MATERIALS INSTALLED UNDER THIS CONTRACT TO MATCH ADJACENT SIMILAR MATERIALS



2 NORTH ELEVATION



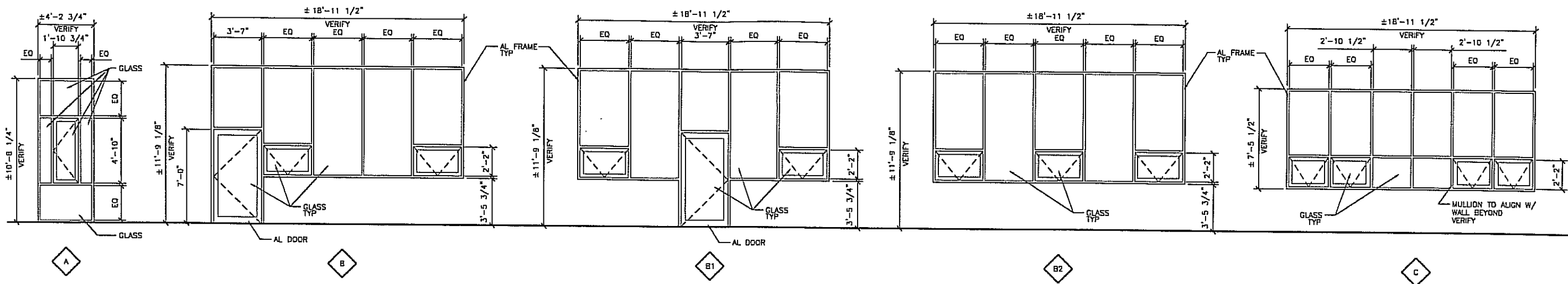
2A NORTH ELEVATION BEYOND



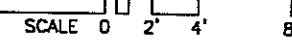
2B NORTH ELEVATION BEYOND

LOCATION OF NEW DRAINAGE PIPING - SEE CIVIL DRAWINGS

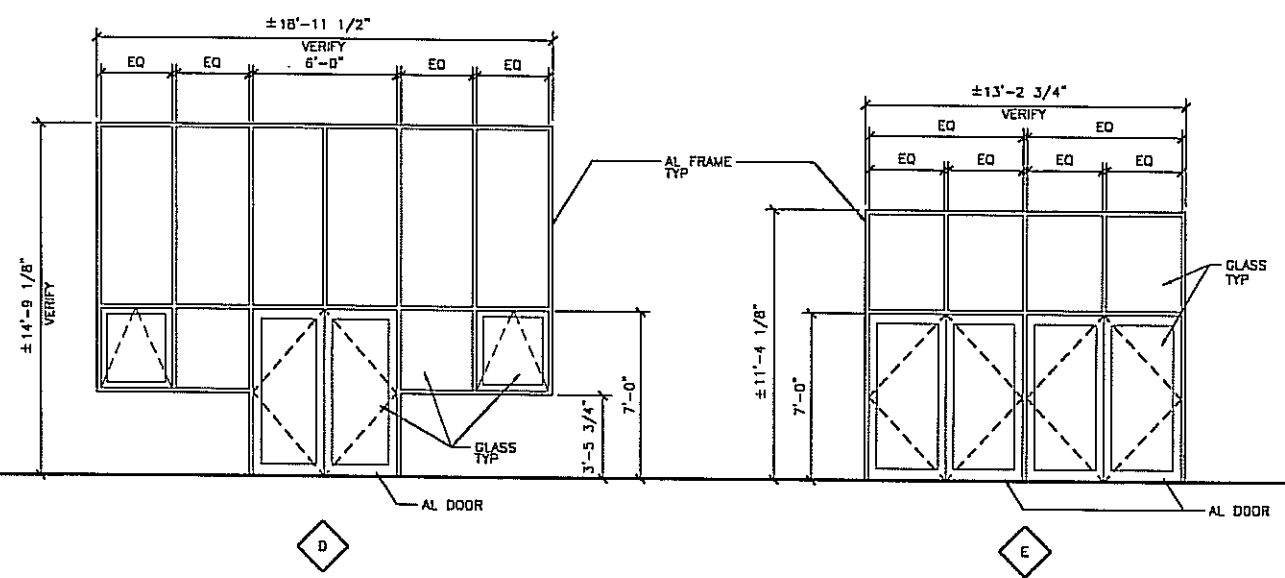
PROVIDE CONT MTL NOSING
• EX WD TREADS
SEE B/A603



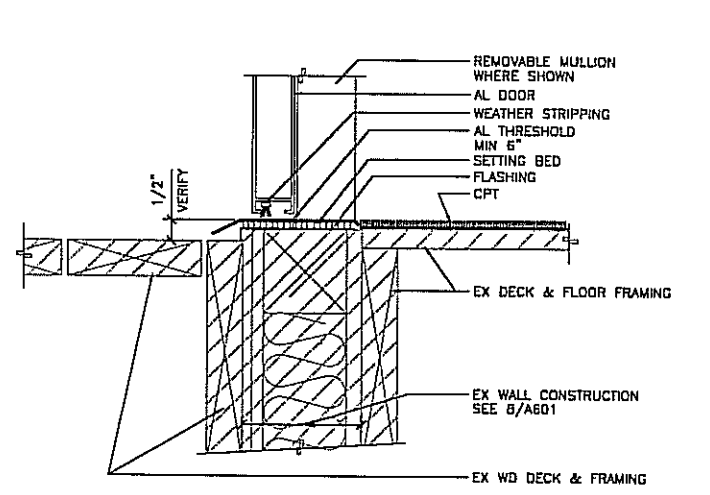
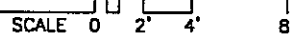
1 WINDOW TYPES



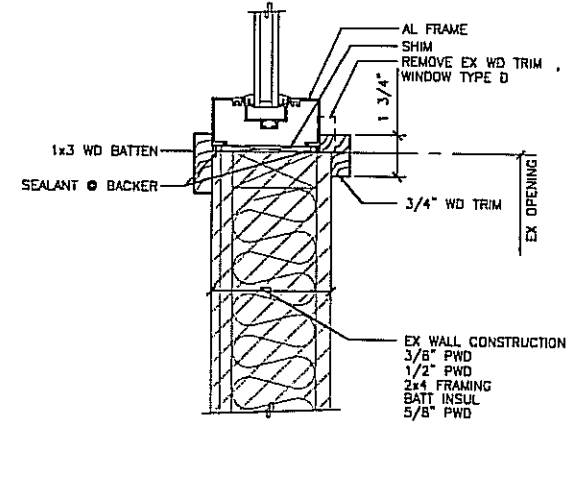
NOTE:
ALL GLASS TO BE 1\"/>



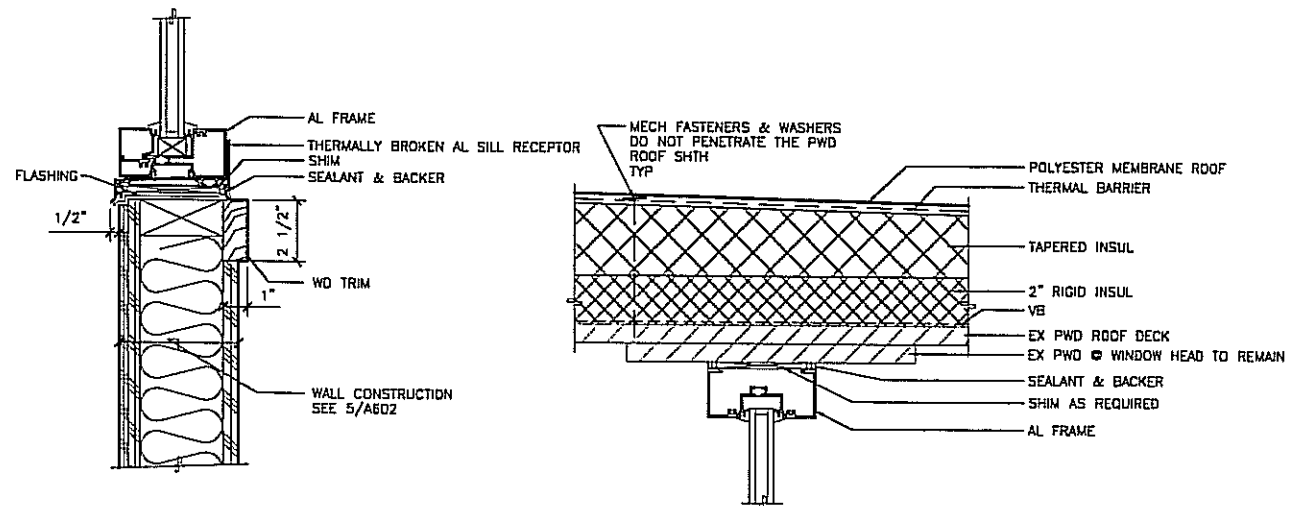
5 WINDOW TYPES



7 TYP DOOR SILL
9901/A601-7 SCALE: 0 3\"/>

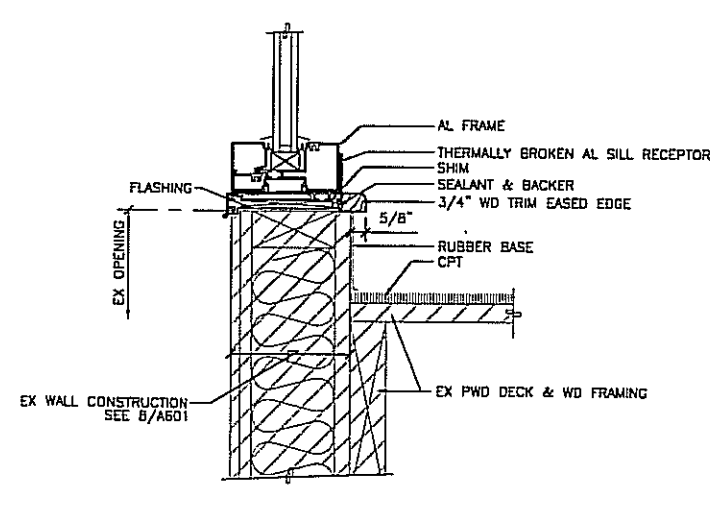


8 TYP JAMB
9901/A601-8 SCALE: 0 3\"/>

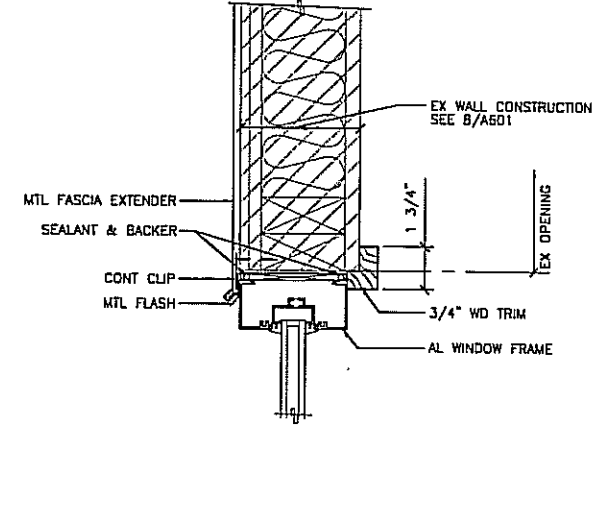


9 WINDOW SILL TYPE B & D
9901/A601-9 SCALE: 0 3\"/>

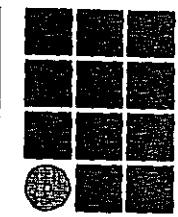
10 HEAD @ WINDOW TYPE B, D & E
9901/A601-10 SCALE: 0 3\"/>



11 WINDOW SILL TYPE A & C
9901/A601-11 SCALE: 0 3\"/>



12 WINDOW HEAD TYPE A & C
9901/A601-12 SCALE: 0 3\"/>



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 VALLEY PARK
 ELEMENTARY SCHOOL
 RENOVATION
 KETCHIKAN, ALASKA

PHASE 1

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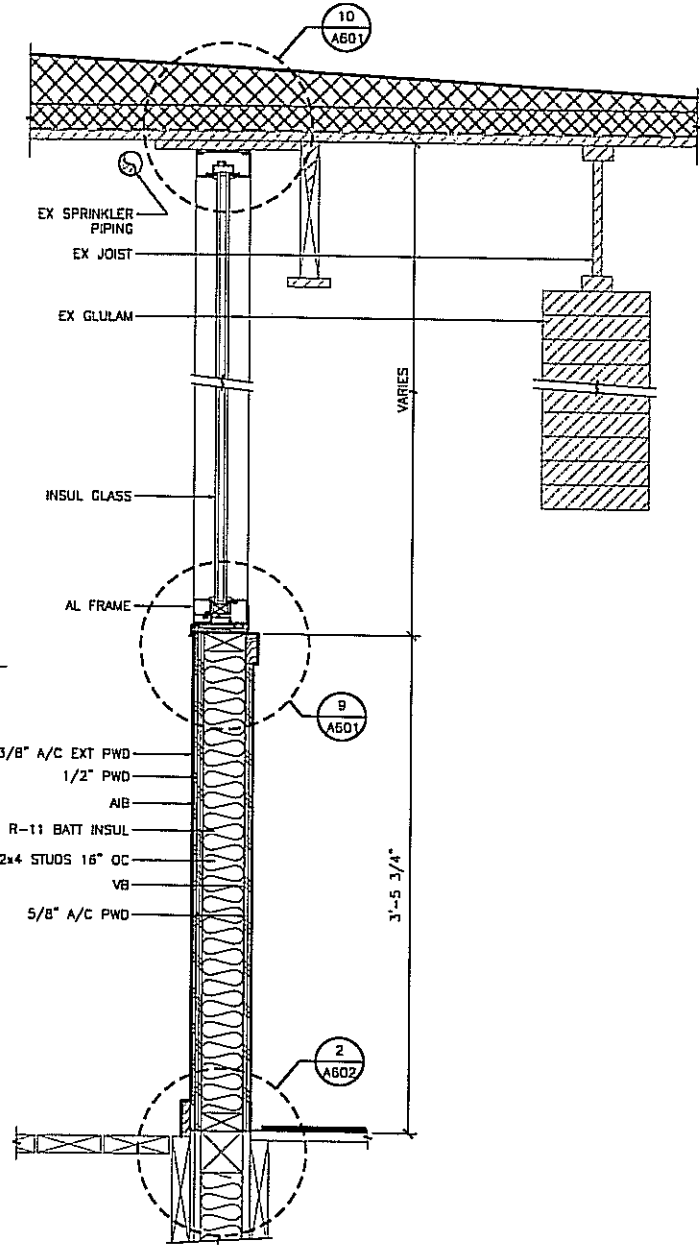
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SHEET TITLE
WINDOW TYPES/
DETAILS

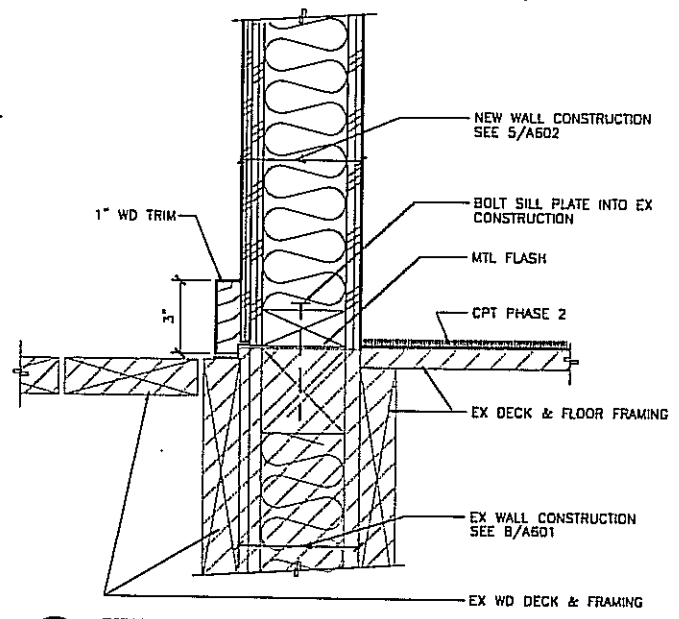
DATE: APRIL 15, 1999
FILE: 9901

A601

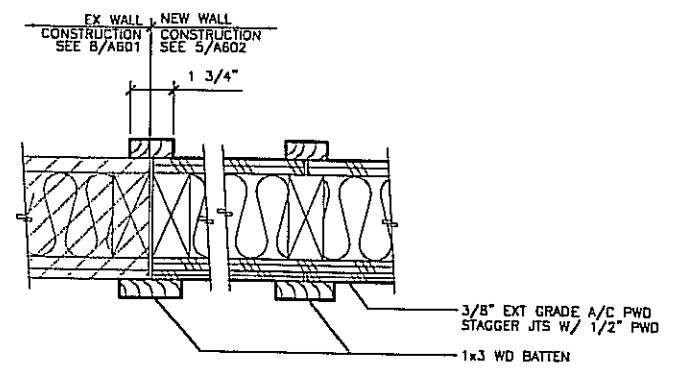
04/15/99H: \CAD\9901\A601.DWG 16: 48: 07



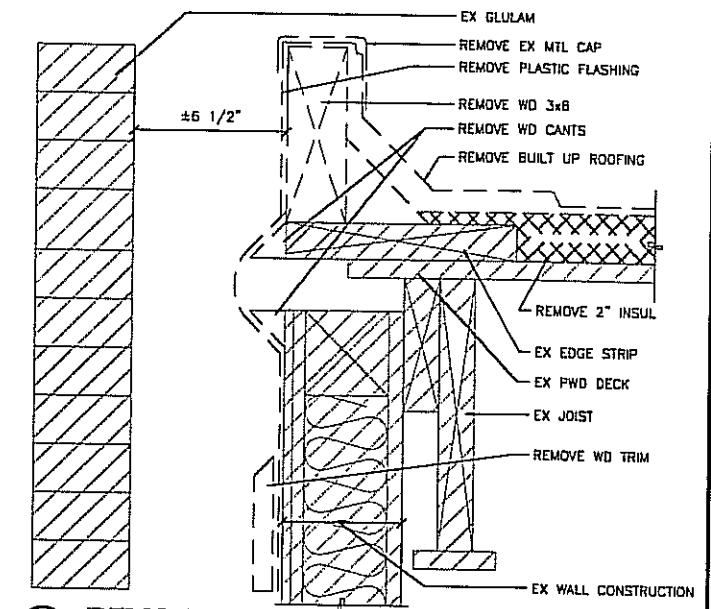
5 WALL SECTION @ WINDOWS IN DECKS
9901/A602-5 SCALE: 0 6" 1' 2'



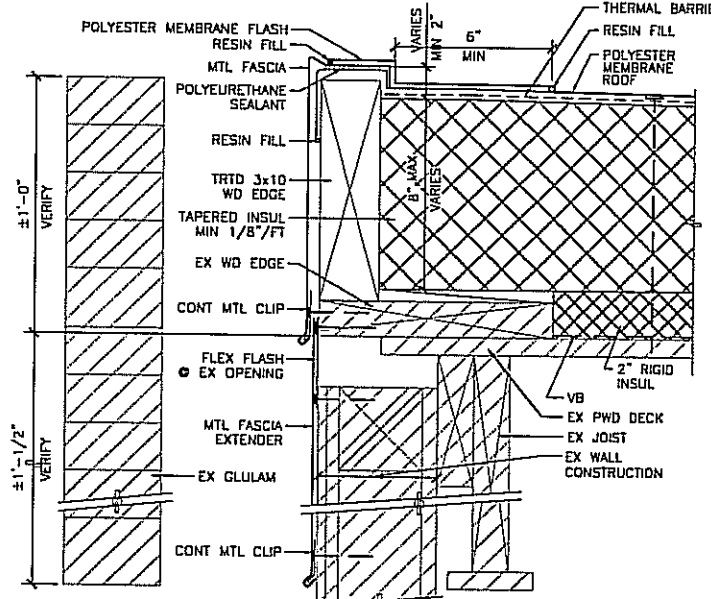
2 SILL @ WALL
9901/A602-2 SCALE: 0 3" 6" 1'



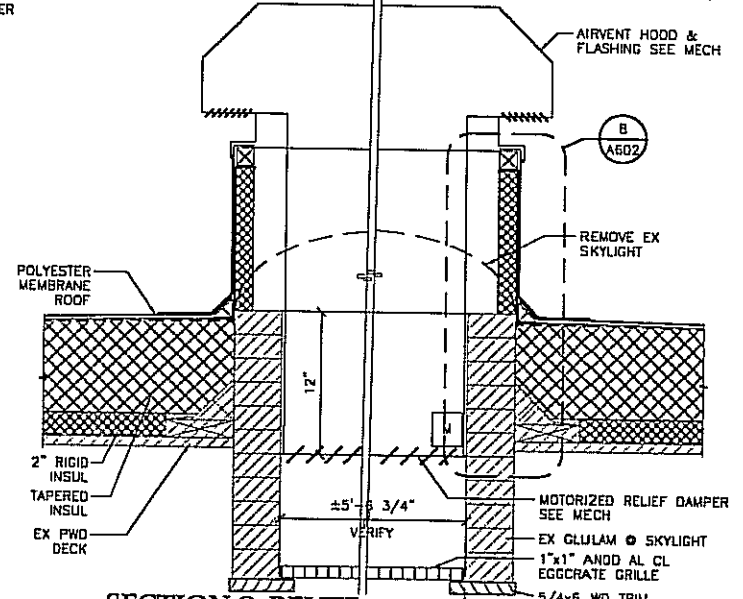
3 PLAN - WALL
9901/A602-3 SCALE: 0 3" 6" 1'



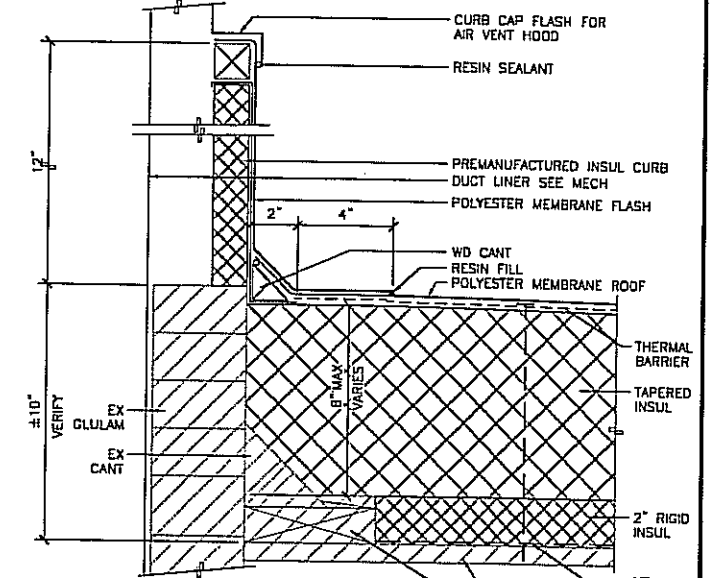
4 DEMO @ EX ROOF EDGE
9901/A602-4 SCALE: 0 3" 6" 1'



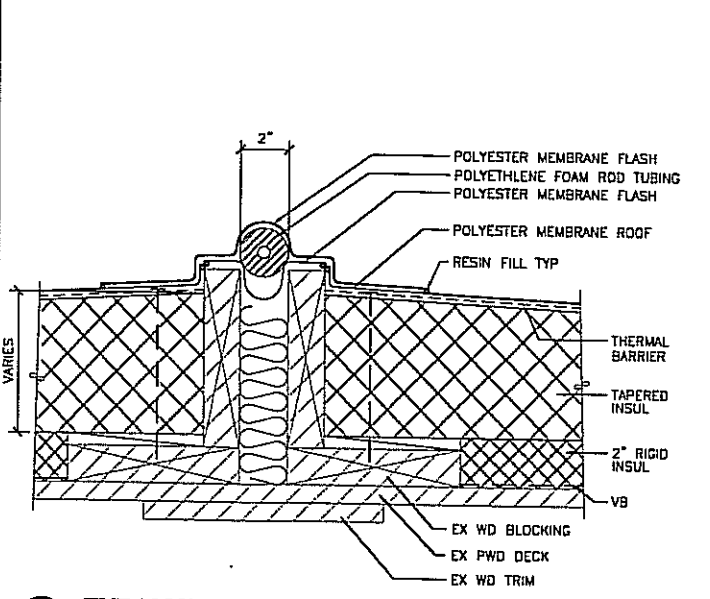
6 TYP ROOF EDGE
9901/A602-6 SCALE: 0 3" 6" 1'



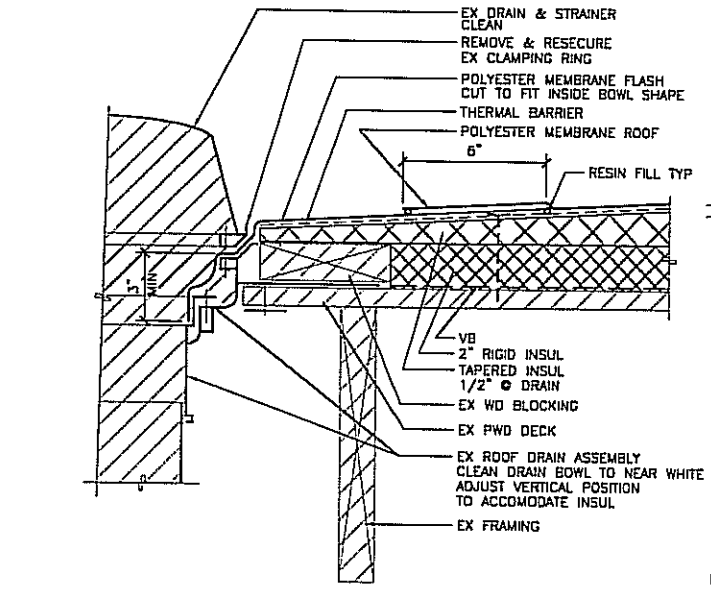
7 SECTION @ RELIEF AIR VENT HOOD
9901/A602-7 SCALE: 0 6" 1' 2'



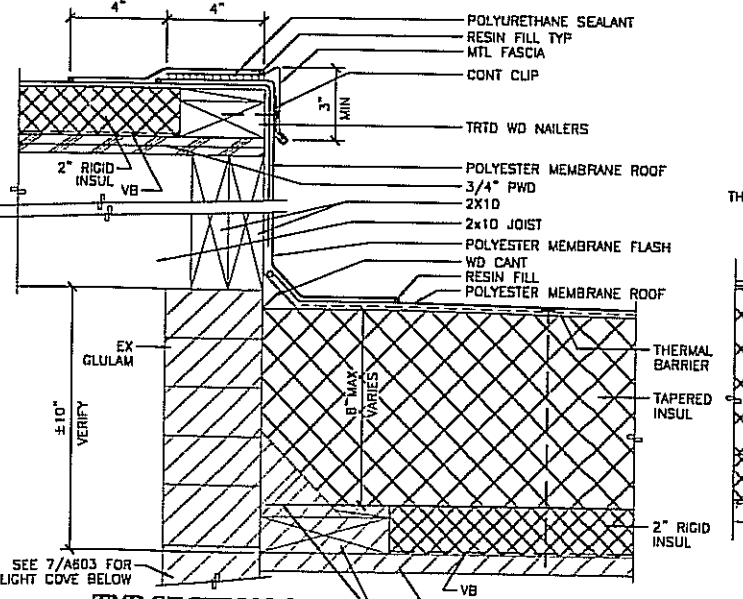
8 ROOF CURB @ RELIEF AIR VENT HOOD
9901/A602-8 SCALE: 0 3" 6" 1'



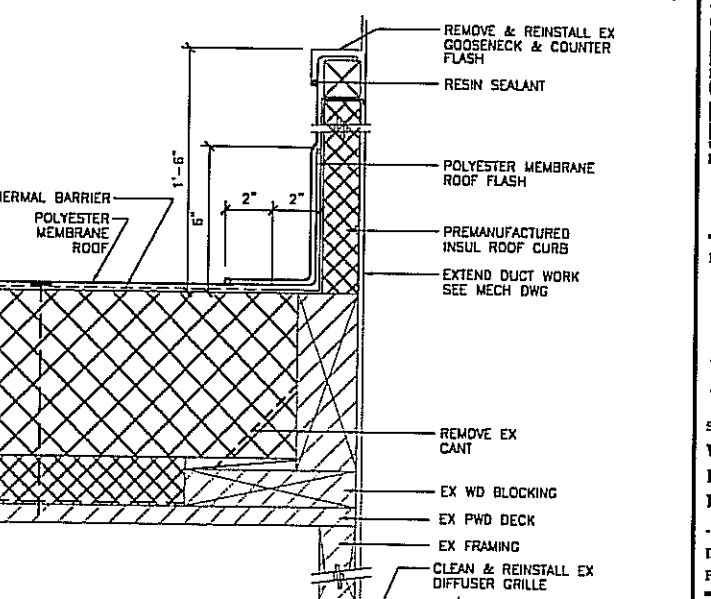
9 EXPANSION JOINT
9901/A602-9 SCALE: 0 3" 6" 1'



10 ROOF DRAIN
9901/A602-10 SCALE: 0 3" 6" 1'



11 TYP SECTION @ FORMER SKYLIGHT
9901/A602-11 SCALE: 0 3" 6" 1'



12 ROOF CURB @ EX RELIEF AIR VENT HOOD
9901/A602-12 SCALE: 0 3" 6" 1'

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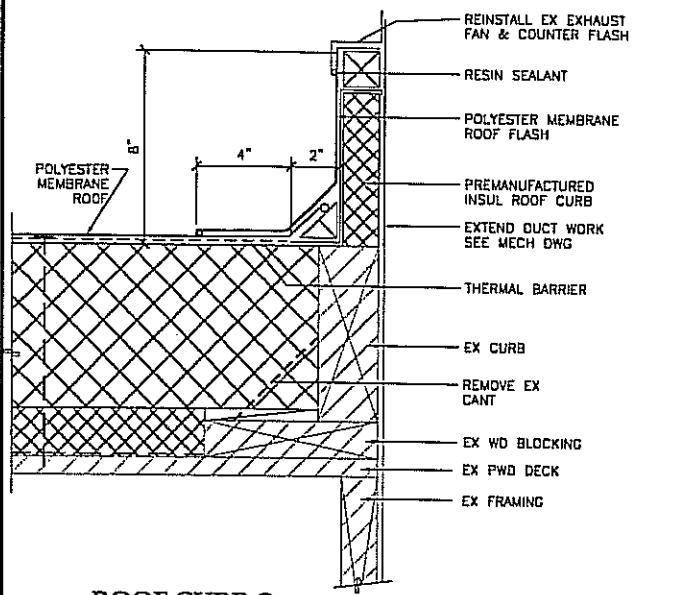
**KETCHIKAN GATEWAY BOROUGH
VALLEY PARK
ELEMENTARY SCHOOL
RENOVATION
KETCHIKAN, ALASKA**

PHASE 1

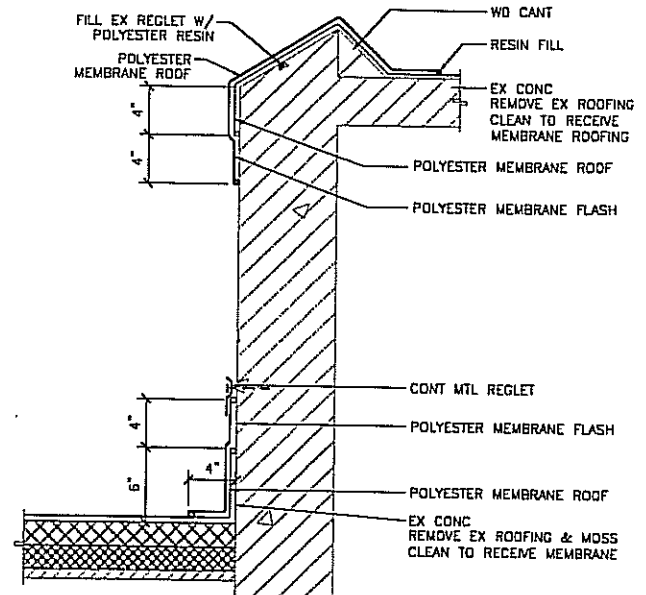
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SHEET TITLE
**WALL SECTION/
 EXTERIOR
 DETAILS**

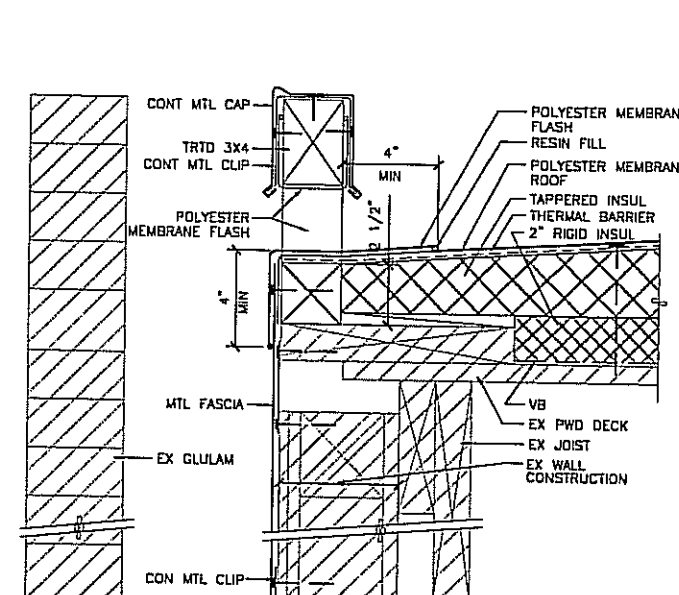
DATE: APRIL 15, 1999
 FILE: 9901



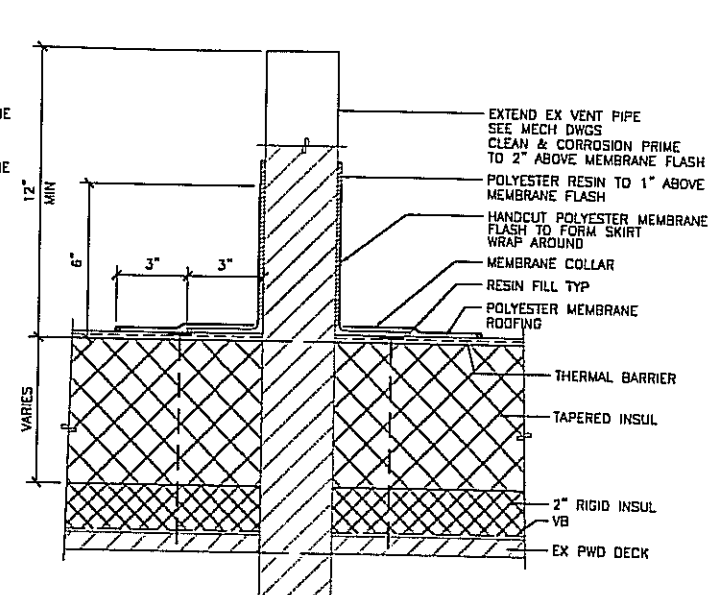
1 ROOF CURB @ EX EXHAUST FAN
9901/A603-1 SCALE: 0 3" 6" 1"



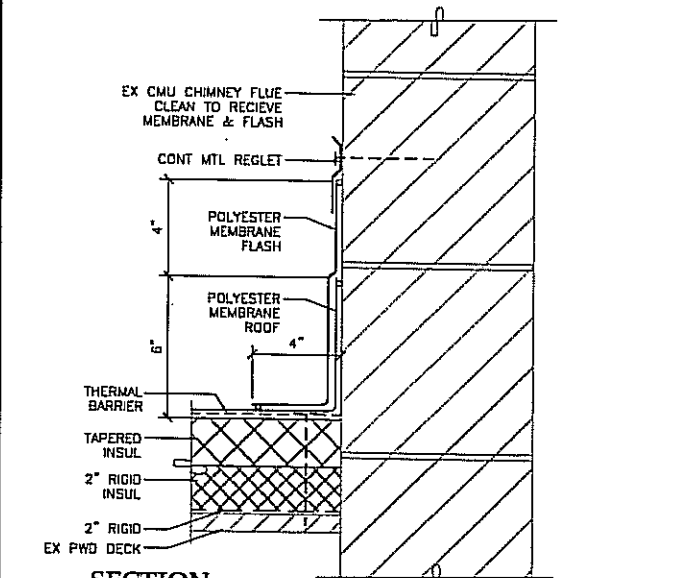
2 DETAIL @ EX ELEVATOR HOIST
9901/A603-2 SCALE: 0 6" 1" 2"



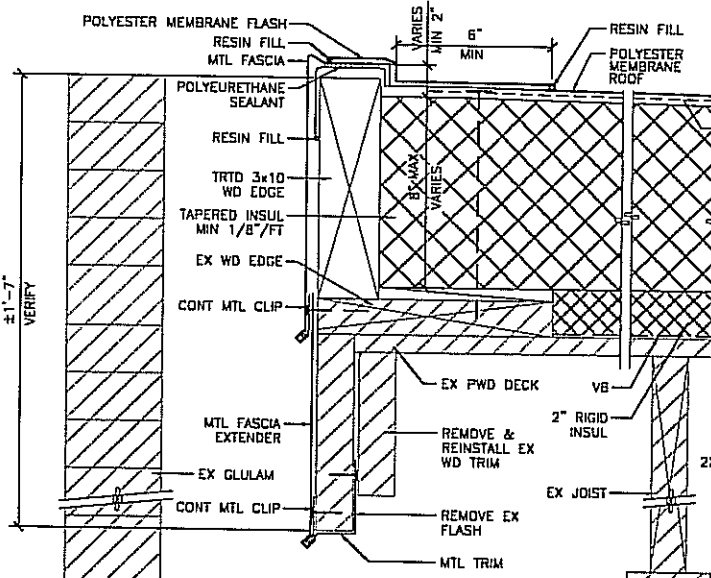
3 SECTION @ SCUPPER
9901/A603-3 SCALE: 0 3" 6" 1"



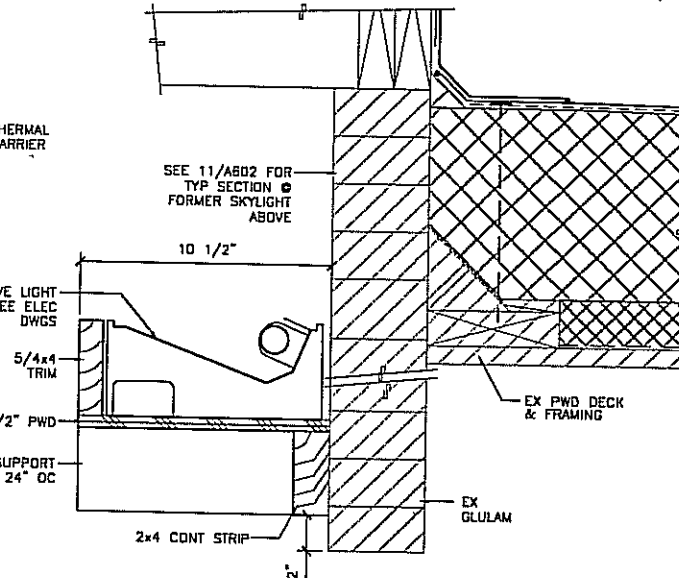
4 SECTION @ EX VENT STACK
9901/A603-4 SCALE: 0 3" 6" 1"



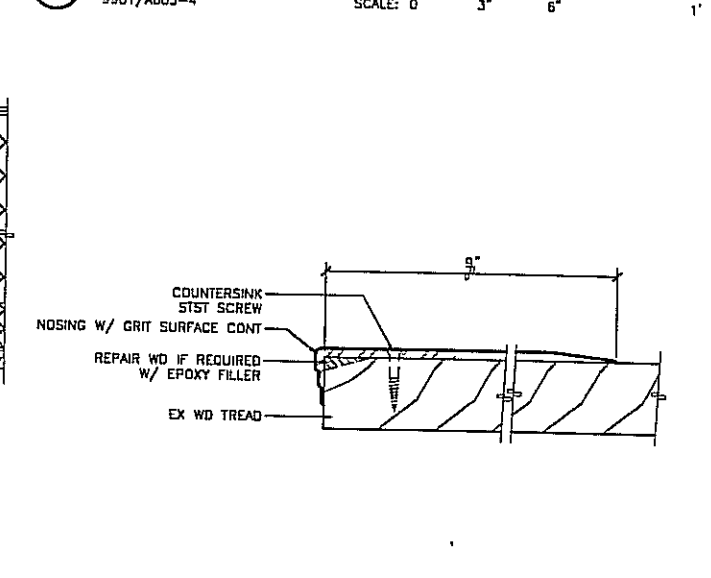
5 SECTION @ CHIMNEY
9901/A603-5 SCALE: 0 3" 6" 1"



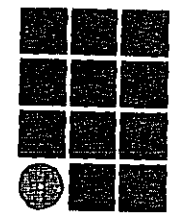
6 TYP ROOF EDGE
9901/A603-6 SCALE: 0 3" 6" 1"



7 LIGHT COVE @ EX SKYLIGHT
9901/A603-7 SCALE: 0 3" 6" 1"



8 TYP DETAIL @ EXT STAIR TREAD
9901/A603-8 SCALE: 0 1 1/2" 3" 6"



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PHASE 1

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SHEET TITLE
 EXTERIOR
 DETAILS

DATE: APRIL 15, 1999
 FILE: 9901

A603

ABBREVIATIONS

(A)	ABOVE	FD	FLOOR DRAIN	P/C	PRECAST
AB	ANCHOR BOLT	FDN	FOUNDATION	PERP	PERPENDICULAR
ACI	AMERICAN CONCRETE INSTITUTE	FIN	FINISH, FINISHED	PL	PLATE (STEEL)
ADDL	ADDITIONAL	FF	FAR FACE	PLCS	PLATE (WOOD)
AGGR	AGGREGATE	FLG	FLANGE	PLWD	PLYWOOD
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	FLR	FLOOR	PP	PARTIAL PENETRATION
ATC	AMERICAN INSTITUTE OF TIMBER CONSTRUCTION	FOS	FACE OF STUDS	P/S	PRESTRESSED
ALT	ALTERNATE	FP	FULL PENETRATION	PSF	PER SQUARE FOOT
ALUM	ALUMINUM	FS	FAR SIDE	PSI	PER SQUARE INCH
ARCH	ARCHITECT, ARCHITECTURAL	FT	FOOT, FEET	PT	PRESSURE TREATED
@	AT	FTG	FOOTING	P/T	POST TENSION
APPROX	APPROXIMATELY	FV	FIELD VERIFY	R	RADIUS
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	GA	GAUGE, GAGE	RD	ROUND
AWS	AMERICAN WELDING SOCIETY AND	GALV	GALVANIZED	REF	REFERENCE
&		GEN	GENERAL	REINF	REINFORCING, REINFORCEMENT, REINFORCED
(B)	BELOW	GL	GLUE LAMINATED	REQD	REQUIRED
B	BOTTOM (BEAM AND JOIST SCHEDULES ONLY)	GND	GROUNDED	RO	ROUGH OPENING
BD	BOARD	GR	GRADE	S	AMERICAN STANDARD STEEL SHAPE, SOUTH SCHEDULE
@	BUILDING LINE	GYP	GYPSON WALL BOARD	SCHED	SCHEDULE
BLDG	BUILDING	HORIZ	HORIZONTAL	SECT	SECTION
BLKG	BLOCKING	HP	HIGH POINT, HP STEEL SHAPE	SH PL	SHEAR PLATE
BH	BEAM	HSB	HIGH STRENGTH BOLT	SHT	SHEET
BDD	BOTTOM OF DECK	HT	HEIGHT	SHTHG	SHEATHING
BOT	BOTTOM	ID	INSIDE DIAMETER	SIM	SIMILAR
BRG	BEARING	IF	INSIDE FACE	SLBB	SHORT LEGS BACK TO BACK
BSMT	BASEMENT	IN OR "	INCH	SP	SPIRAL
BTWN	BETWEEN	INCL	INCLUDE	SPA	SPACE, SPACING, SPACES
C	AMERICAN CHANNELS	INSUL	INSULATION, INSULATED INTERIOR	SPCS	SPECIFICATION
CG	CENTER OF GRAVITY	INT	INTERIOR	SQ	SQUARE
CJ	CONSTRUCTION JOINT	IT	JOINT	SS	STAINLESS STEEL
CIP	CAST-IN-PLACE	JST	JOIST	SSL	SHORT SLOTTED HOLE
CL	CENTER LINE	K	KIP, KIPS	STL	STRUCTURAL TEE FROM S SERIES SECTION
CLG	CEILING	KSI	KIPS PER SQUARE INCH	STD	STANDARD
CLR	CLEAR	LB OR #	POUND	STIFF	STIFFENER
CMU	CONCRETE MASONRY UNIT	LLBB	LONG LEG BACK TO BACK	STIRR	STIRRUP
CO	CONCRETE OPENING	LLH	LONG LEG HORIZONTAL	STL	STEEL
COL	COLUMN	LLV	LONG LEG VERTICAL	STRUCT	STRUCTURAL
COMM	COMMON	LONGIT	LONGITUDINAL	SUPT	SUPPORT
CONC	CONCRETE	LP	LOW POINT	SUSP	SUSPENDED
CONN	CONNECTION	LSL	LONG SLOTTED HOLES	SYMM	SYMMETRICAL
CONSTR	CONSTRUCTION	LT	LIGHT	T	TOP
CONT	CONTINUOUS	LT WT	LIGHT WEIGHT	TC	TOP OF CURB
CONTR	CONTRACTOR	L	ANGLE	T&G	TONGUE AND GROOVE
CTJ	CONTRACT JOINT, CONTRACTION JOINT	M	MISCELLANEOUS SHAPE	TEMP	TEMPERATURE, TEMPORARY
CTR	CENTER	MAS	MASONRY	THK	THICK
CTS&K	COUNTERSUNK	MATL	MATERIAL	THRU	THROUGH
CUB	CUBIC	MAX	MAXIMUM	TOC	TOP OF CONCRETE
DBL	DOUBLE	MECH	MECHANICAL	TOS	TOP OF STEEL
DEPT	DEPARTMENT	MFR	MANUFACTURER	TOW	TOP OF WALL
DET	DETAIL	MIN	MINIMUM	TRANS	TRANSVERSE
DIA, Ø	DIAMETER	MISC	MISCELLANEOUS	TS	STRUCTURAL TUBE
DIAG	DIAGONAL	MT	STRUCTURAL TEE FROM M SERIES SECTION	TYP	TYPICAL
DIAPH	DIAPHRAGM	MTD	MOUNTED	UBC	UNIFORM BUILDING CODE
DIEB	DRILLED-IN EXPANSION BOLT	MTL	METAL	UL	UNDERWRITERS LABORATORY
DIM	DIMENSION	N	NORTH	UON	UNLESS OTHERWISE NOTED
DN	DOWN	NF	NEAR FACE	UT	ULTRASONIC TEST
do	DITTO	NIC	NOT IN CONTRACT	VEF	VERTICAL EACH FACE
DP	DEEP	NO OR #	NUMBER	VERT	VERTICAL
DWG	DRAWING	NOM	NOMINAL	VIF	VERTICAL INSIDE FACE
DWL	DOWEL	NS	NEAR SIDE	VOF	VERTICAL OUTSIDE FACE
E	EAST	NTS	NOT TO SCALE	W	WEST, W SERIES SECTION
(E)	EXISTING	OA	OVERALL	W/	WITH
EA	EACH	OC	ON CENTER	W/O	WITHOUT
EB	EXPANSION BOLT	OD	OUTSIDE DIAMETER	WD	WOOD
EF	EACH FACE	OF	OUTSIDE FACE	WH	WEEP HOLE
EXJ	EXPANSION JOINT	OPNG	OPENING	WP	WORK POINT
EL	ELEVATION (HEIGHT)	OPP	OPPOSITE	WT	WEIGHT, STRUCTURAL TEE FROM W SERIES SECTION
ELEC	ELECTRICAL	OSB	ORIENTED STRAND BOARD	WWF	WELDED WIRE FABRIC
ELEV	ELEVATOR	OVS	OVERSIZED HOLES	YD	YARD
ENCL	ENCLOSURE				
ENGR	ENGINEER				
EQ	EQUAL				
EQUIP	EQUIPMENT				
ES	EACH SIDE				
EW	EACH WAY				
EXIST	EXISTING				
EXP	EXPANSION				
EXT	EXTERIOR				

GENERAL STRUCTURAL NOTES

THE FOLLOWING NOTES APPLY UNLESS INDICATED OTHERWISE:

MISCELLANEOUS:

CODE:

UNIFORM BUILDING CODE, 1997 EDITION.

DESIGN LIVE LOADS:

ROOF	=	30 PSF
SNOW DRIFT	=	APPENDIX CHAPT 16, DIV 1
FLOORS	=	00 PSF
WIND	=	120 MPH, EXPOSURE C, qs = 36.9 PSF, I = 1.0
SEISMIC	=	ZONE II, Z = .25, I = 1.0 C = 2.75, R _w = 8 V = 0.089 W

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

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

SHOP DRAWINGS SHALL BE SUBMITTED AND REVIEWED PRIOR TO FABRICATION.

VERIFY ALL DIMENSIONS AND CONDITIONS AT THE PROJECT SITE PRIOR TO STARTING WORK AND NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.

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

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

STRUCTURAL STEEL:

ALL STEEL ASTM A36. SPECIAL INSPECTION REQUIRED. FABRICATION AND ERECTION PER AISC SPECIFICATIONS. SUBMIT SHOP DRAWINGS.

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

APPLY ONE COAT OF SHOP PAINT TO ALL STEEL.

GLUED-LAMINATED TIMBER:

BEAMS AND GIRDERS - DOUGLAS FIR SPECIES, COMBINATION 22F-V4. FABRICATE PER ANSI/AITC A190.1. PROVIDE WET-USE ADHESIVES. MOISTURE CONTENT - 14% MAXIMUM. APPEARANCE - INDUSTRIAL GRADE. SUBMIT SHOP DRAWINGS. USE MILD STEEL PLATE WASHERS AT ALL BOLT HEADS AND NUTS BEARING ON WOOD. TREAT WOOD BEARING ON OR WITHIN 1" OF MASONRY OR CONCRETE WITH PRESERVATIVE.

STRUCTURAL BAWN LUMBER:

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

STRUCTURAL FRAMING - HEM-FIR SPECIES, #2 GRADE OR BETTER.

CONVENTIONAL CONSTRUCTION PROVISIONS PER SECTION 2326 OF THE UBC. MINIMUM NAILING FOR CONNECTION OF VARIOUS COMPONENTS PER TABLE 23-1-Q OF THE UBC. TREAT WOOD BEARING ON OR WITHIN 1" OF MASONRY OR CONCRETE WITH PRESERVATIVE. USE MILD STEEL PLATE WASHERS AT ALL BOLT HEADS AND NUTS BEARING ON WOOD. ATTACH FOUNDATION PLATES AND SILLS TO CONCRETE AND MASONRY WITH GALVANIZED A307 BOLTS. USE COMMON NAILS ONLY. USE GALVANIZED FRAMING HARDWARE MANUFACTURED BY SIMPSON COMPANY OR APPROVED EQUAL. ICBO CERTIFICATION REQUIRED.

PLYWOOD:

PLYWOOD GRADE - CD INT-APA WITH EXTERIOR GLUE LAID FACE GRAIN PERPENDICULAR TO SUPPORT.

ROOF SHEATHING	-	3/4" THICK, 40/20 SPAN RATING.
WALL SHEATHING	-	1/2" THICK, 32/16 SPAN RATING.
FLOOR SHEATHING	-	3/4" THICK, 40/20 SPAN RATING.

PROVIDE 2x4 BLOCKING AT ALL UNSUPPORTED PANEL EDGES. GLUE FLOOR SHEATHING TO ALL SUPPORTS WITH 3M SCOTCH-GRIP #5230 ADHESIVE, OR APPROVED EQUAL, AT A 50% SKIP PATTERN AND A 3/16" DIA. BEAD MINIMUM.

NAILING AT ALL PANEL EDGES AND AT ALL STUDS WITH HOLDDOWNS IS AS FOLLOWS:

ROOF SHEATHING	-	10d @ 6" OC,
WALL SHEATHING	-	8d @ 4" OC,
FLOOR SHEATHING	-	10d @ 3" OC MAX FOR NEW AND EXISTING NAILS.

NAILING AT ALL PANEL INTERMEDIATE SUPPORTS OTHER THAN STUDS WITH HOLDDOWNS IS AS FOLLOWS:

ROOF SHEATHING	-	10d @ 12" OC,
WALL SHEATHING	-	8d @ 12" OC,
FLOOR SHEATHING	-	10d @ 12" OC.



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KETCHIKAN GATEWAY BOROUGH
**VALLEY PARK
ELEMENTARY SCHOOL
RENOVATION**
 KETCHIKAN, ALASKA

PHASE I

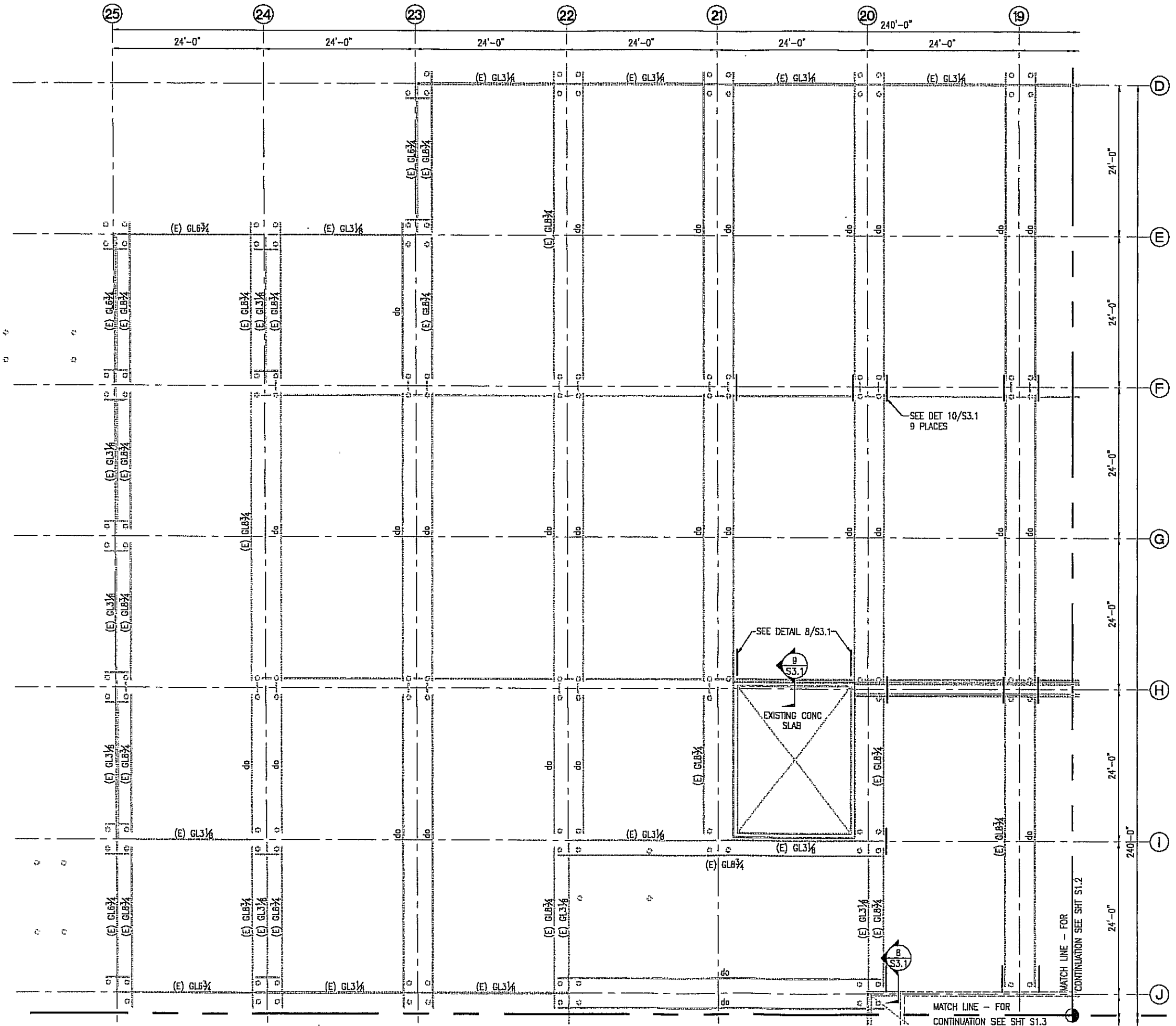
REVISIONS



SHEET TITLE
GENERAL NOTES
& ABBREVIATIONS

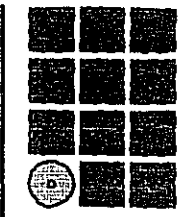
DATE: MARCH 25, 1999
FILE: 9901

S0.1



NOTE:
 1. NAIL ALL FLOOR PLYWOOD AT EACH PANEL EDGE WITH 10d @ 6" OC OF SET 3" FROM EXISTING NAILS.

PARTIAL FLOOR FRAMING PLAN
 SCALE: 1/8" = 1'-0"



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KETCHIKAN GATEWAY BOROUGH
VALLEY PARK ELEMENTARY SCHOOL RENOVATION
 KETCHIKAN, ALASKA

PHASE I

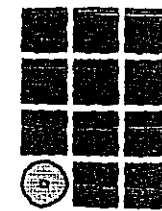
REVISIONS

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SHEET TITLE
PARTIAL FLOOR FRAMING PLAN

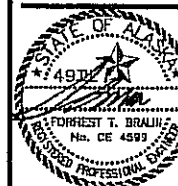
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S1.1



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KEITCHIKAN GATEWAY BOROUGH
**VALLEY PARK
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KEITCHIKAN, ALASKA

PHASE I

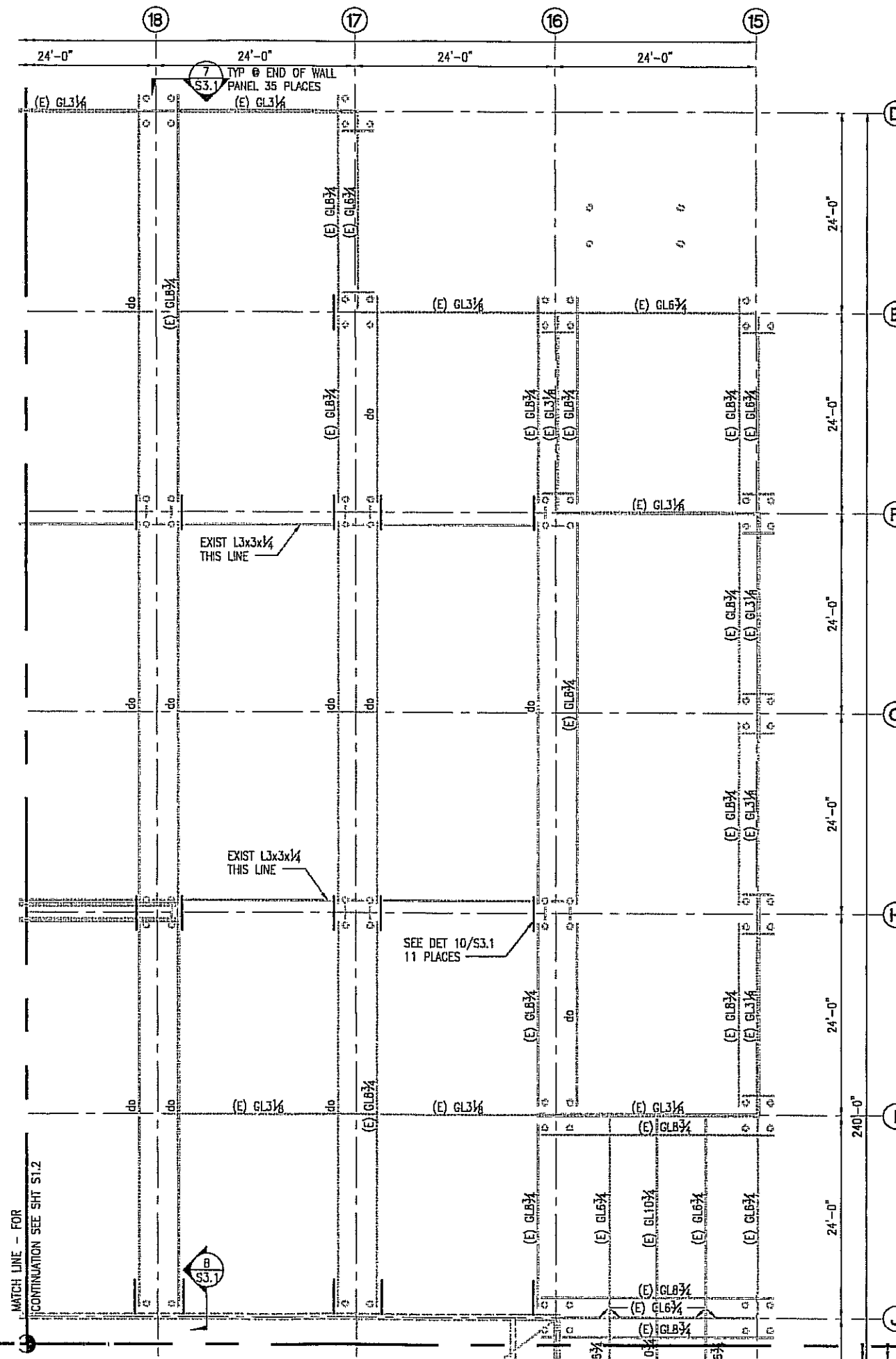
REVISIONS



SHEET TITLE
**PARTIAL FLOOR
FRAMING PLAN**

DATE: MARCH 25, 1999
FILE: 9901

S1.2



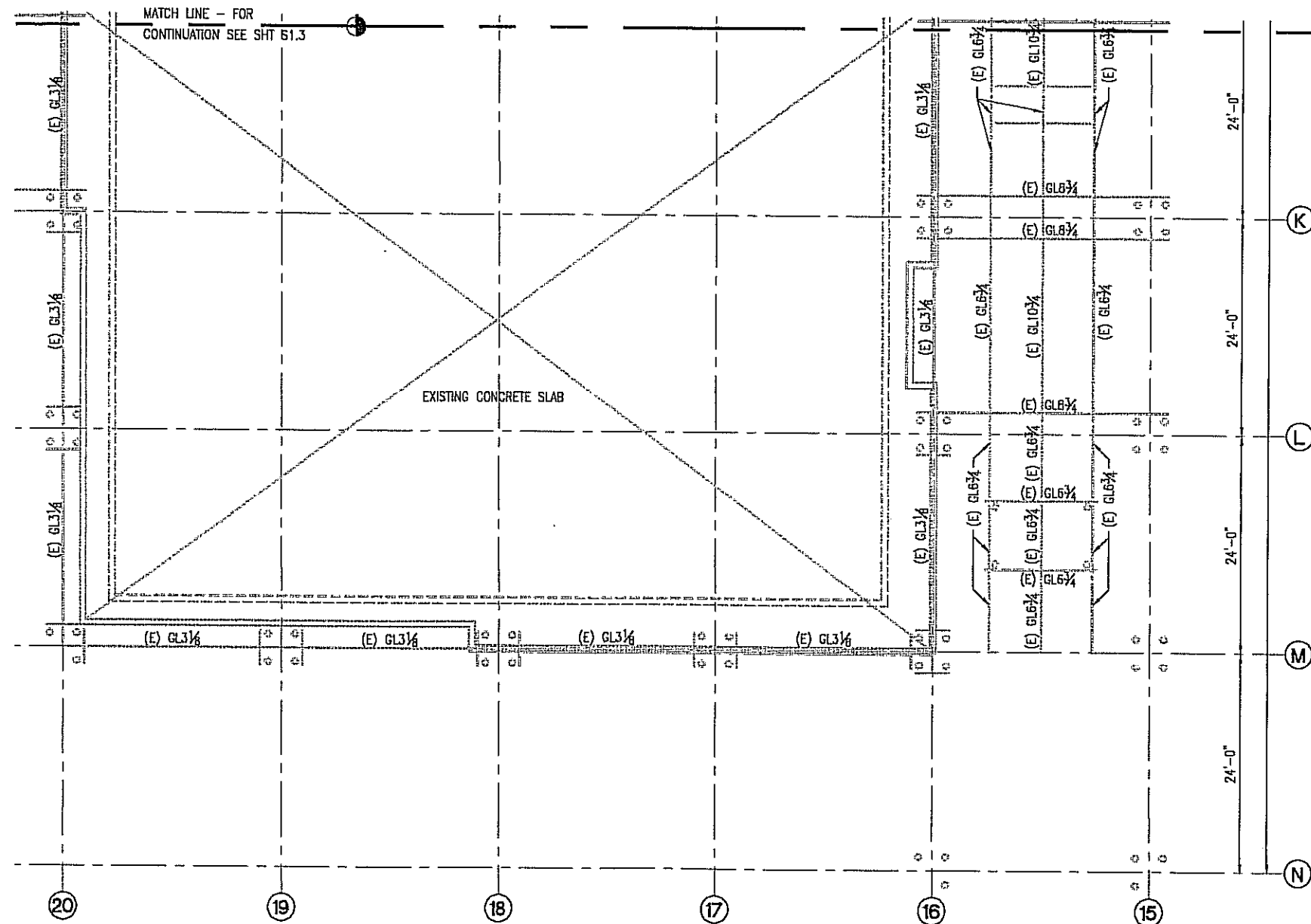
NOTE:

- NAIL ALL FLOOR PLYWOOD AT EACH PANEL EDGE WITH 10d @ 6" OC OF SET 3" FROM EXISTING NAILS.

PARTIAL FLOOR FRAMING PLAN
SCALE: 1/8" = 1'-0"

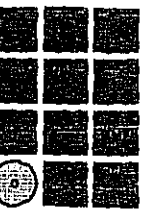
MATCH LINE - FOR
CONTINUATION SEE SH1 S1.3

MATCH LINE - FOR
CONTINUATION SEE SH1 S1.2



NOTE:
1. NAIL ALL FLOOR PLYWOOD AT EACH PANEL EDGE
WITH 10d @ 6" OC OF SET 3" FROM EXISTING NAILS.

PARTIAL FLOOR FRAMING PLAN
SCALE: 1/8" = 1'-0"



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KETCHIKAN GATEWAY BOROUGH
**VALLEY PARK
ELEMENTARY SCHOOL
RENOVATION**
KETCHIKAN, ALASKA

PHASE I

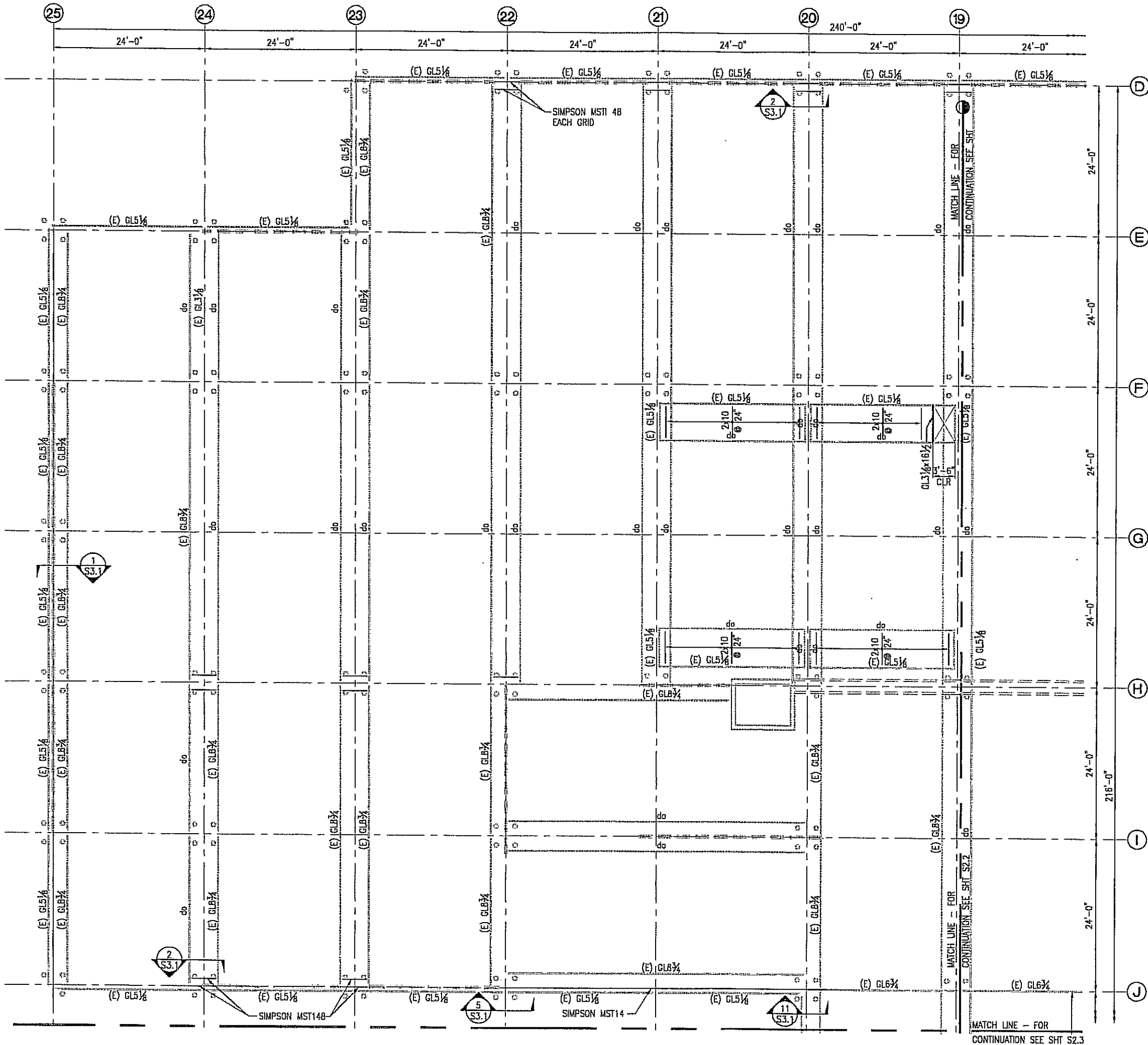
REVISIONS



SHEET TITLE
**PARTIAL FLOOR
FRAMING PLAN**

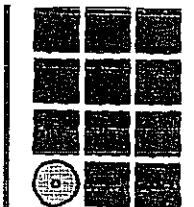
DATE: MARCH 25, 1999
FILE: 9901

S1.3



NOTE:
 1. 1" PLYWOOD OVER 2x10 INFILL 3/4" 40/20 10d @ 6" OC

PARTIAL ROOF FRAMING PLAN
 SCALE: 1/8" = 1'-0"



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**VALLEY PARK
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 KETCHIKAN, ALASKA

PHASE I

REVISIONS

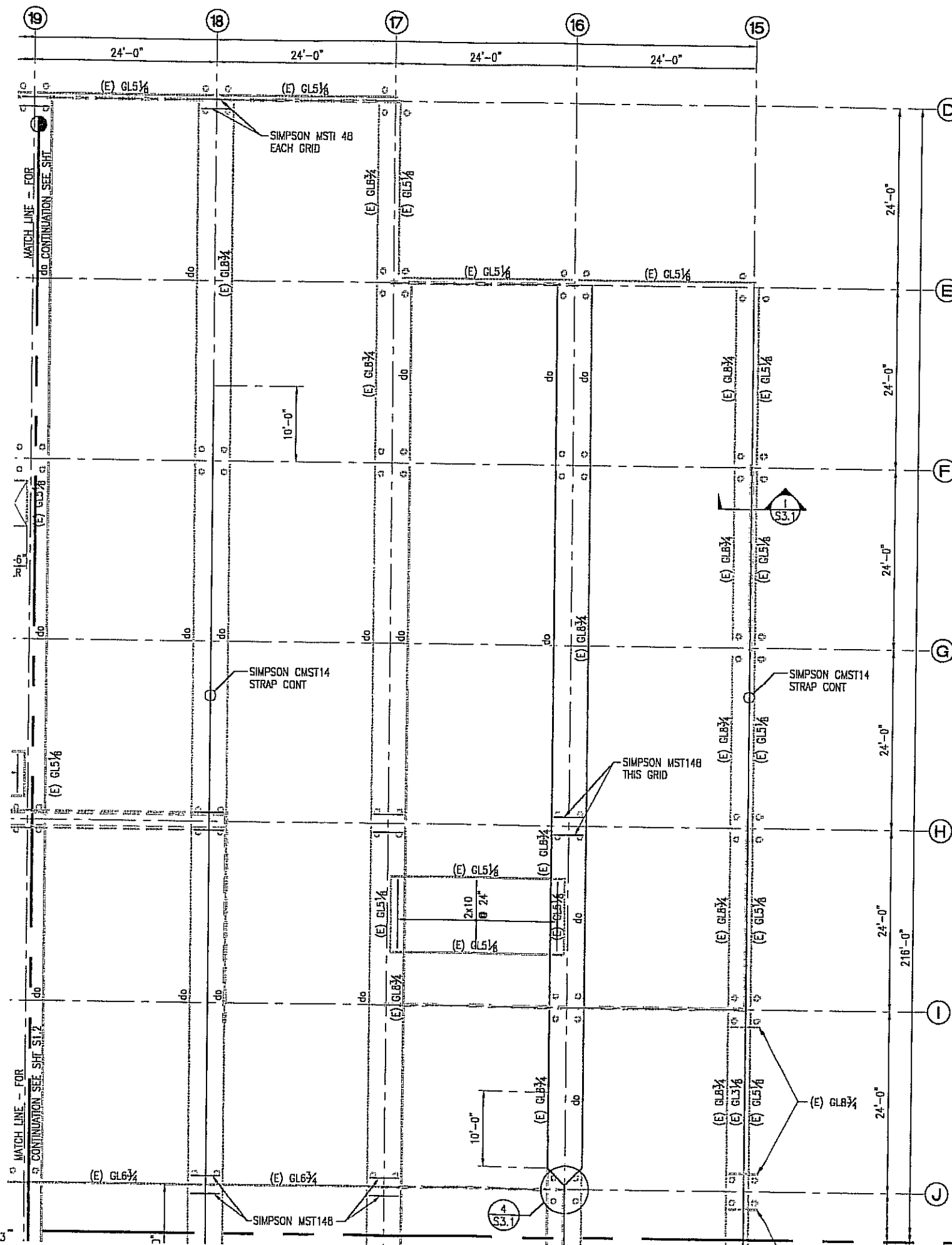
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SHEET TITLE
**PARTIAL ROOF
 FRAMING PLAN**

DATE: MARCH 25, 1999
 FILE: 9901

S2.1

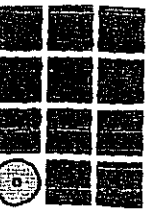
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CONTINUATION SEE SHT S1.3



NOTE:

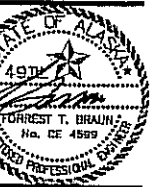
1. 1" PLYWOOD OVER 2x10 INFILL $\frac{3}{4}$ " 40/20 10d @ 6" OC

PARTIAL ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"



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KECHIKAN GATEWAY BOROUGH
**VALLEY PARK
ELEMENTARY SCHOOL
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KECHIKAN, ALASKA

PHASE I

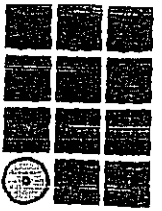
REVISIONS



SHEET TITLE
**PARTIAL ROOF
FRAMING PLAN**

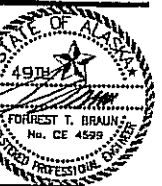
DATE: MARCH 25, 1999
FILE: 9901

S2.2



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KETCHIKAN GATEWAY BOROUGH
**VALLEY PARK
ELEMENTARY SCHOOL
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KETCHIKAN, ALASKA

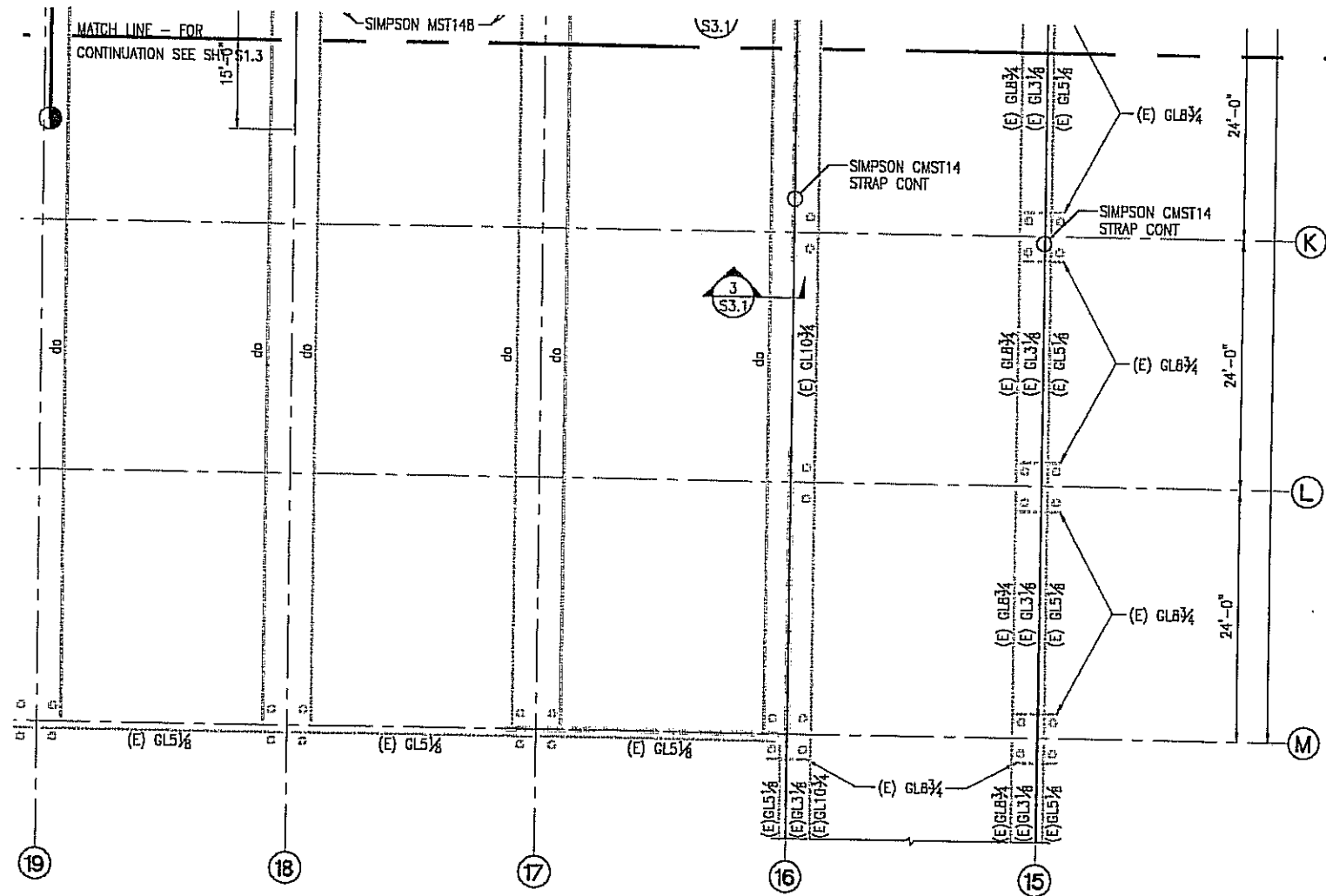
PHASE I

DIVISIONS



SHEET TITLE
**PARTIAL ROOF
FRAMING PLAN**

DATE: MARCH 25, 1999
FILE: 9901

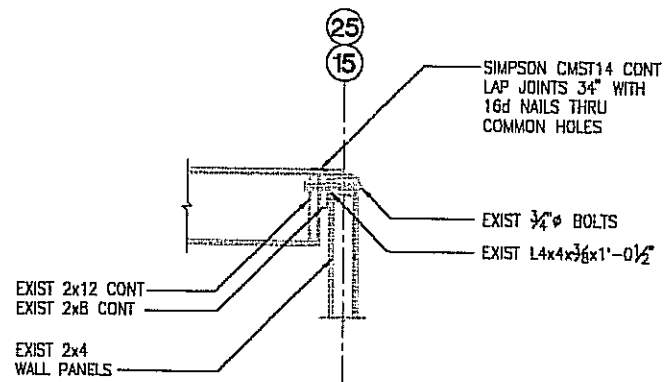


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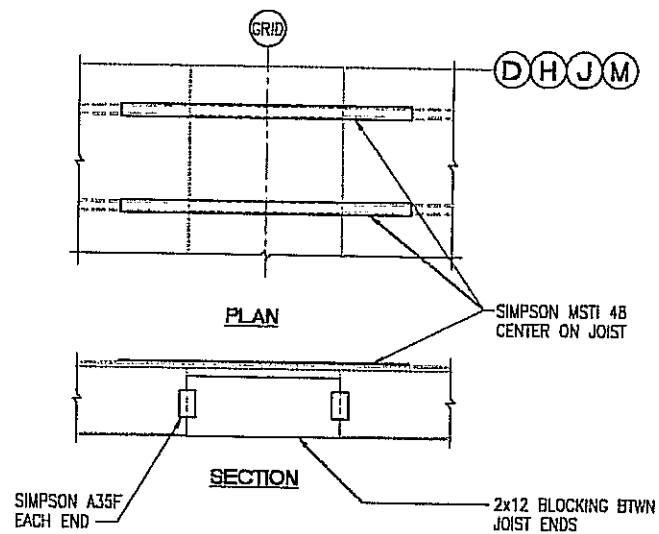
- 1" PLYWOOD OVER 2x10 INFILL 3/4" 40/20 10d @ 6" OC.

PARTIAL FLOOR FRAMING PLAN

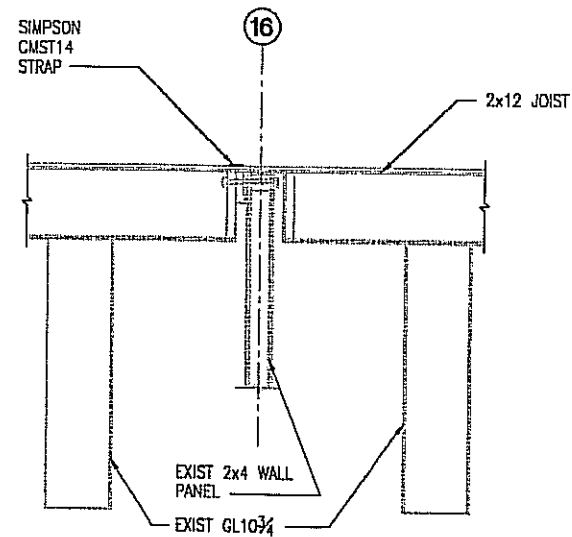
SCALE: 1/8" = 1'-0"



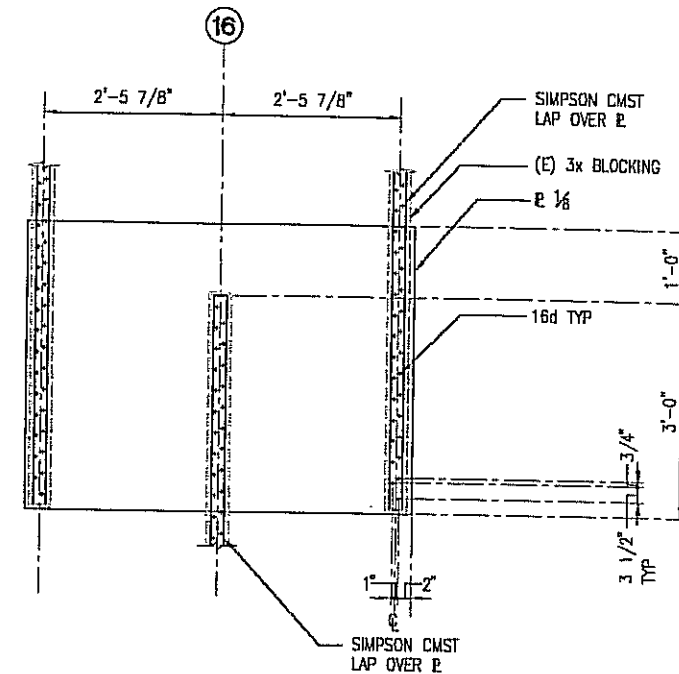
1 CMST 14 STRAP
SCALE: 3/4" = 1'-0"



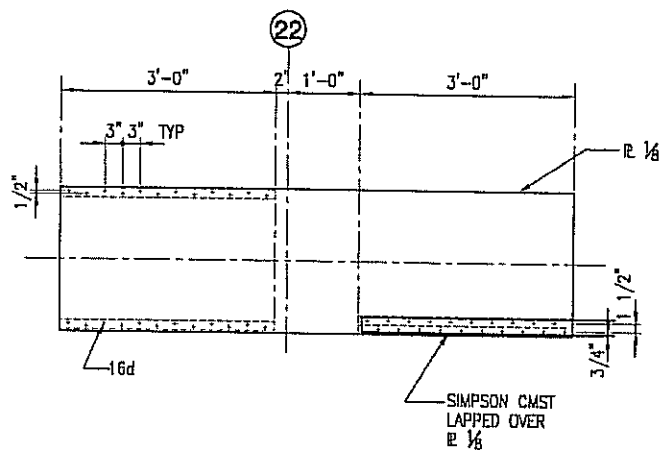
2 MSTI 14 STRAP
SCALE: 3/4" = 1'-0"



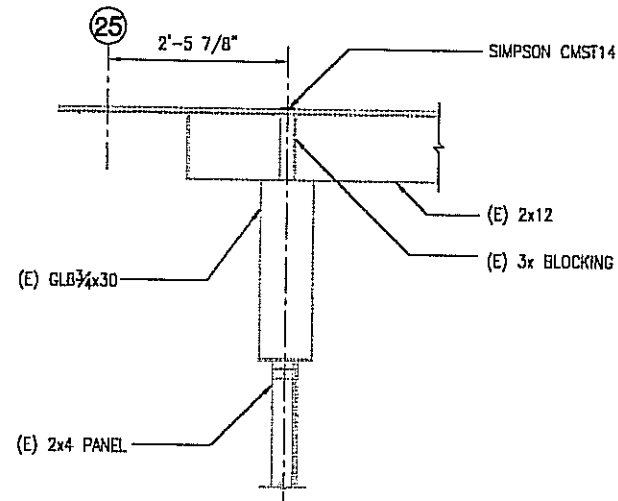
3 CMST 14 STRAP GRID 16
SCALE: 3/4" = 1'-0"



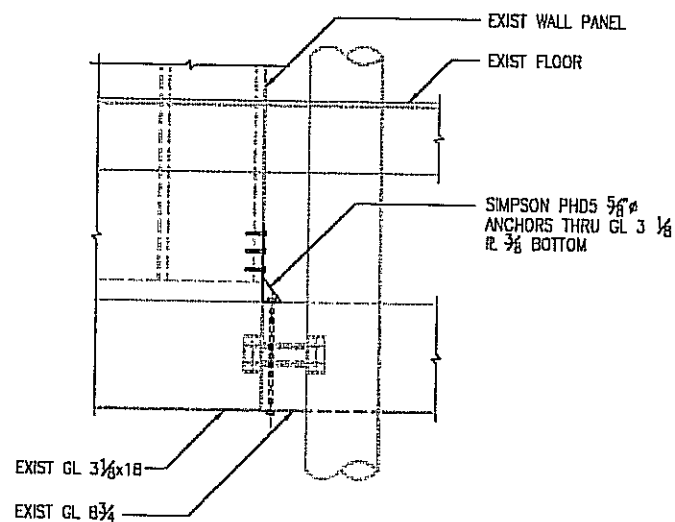
4 CMST TO 3x BLOCKING
SCALE: 1/2" = 1'-0"



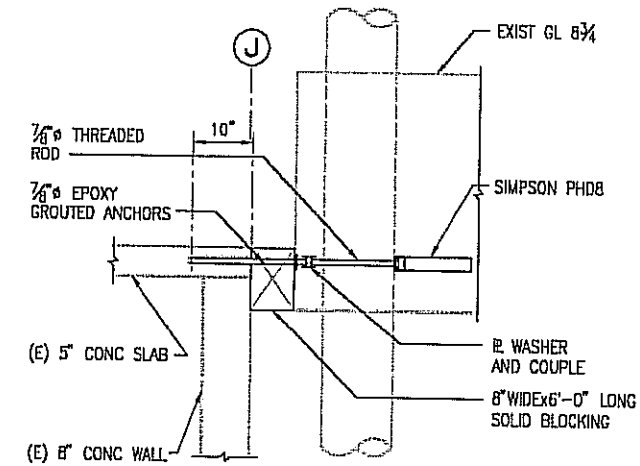
5 TIE STRAP AT GRID 22
SCALE: 3/4" = 1'-0"



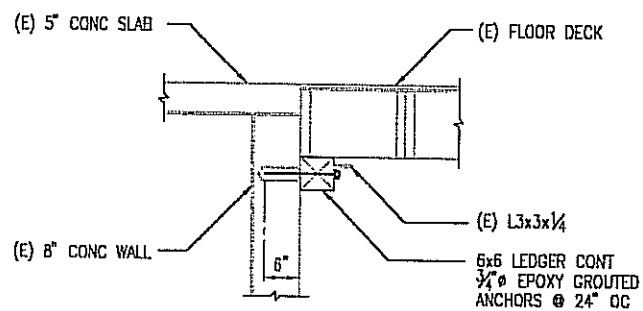
6 CMST 14 TO 3x BLOCKING
SCALE: 3/4" = 1'-0"



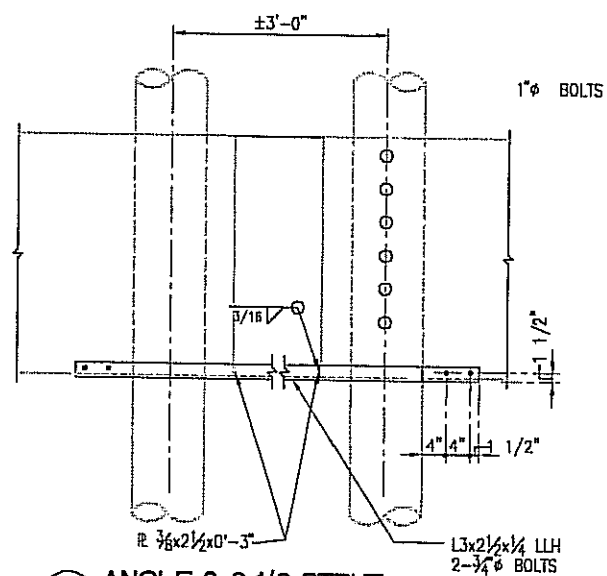
7 HOLDOWN AT END WALL
SCALE: 3/4" = 1'-0"



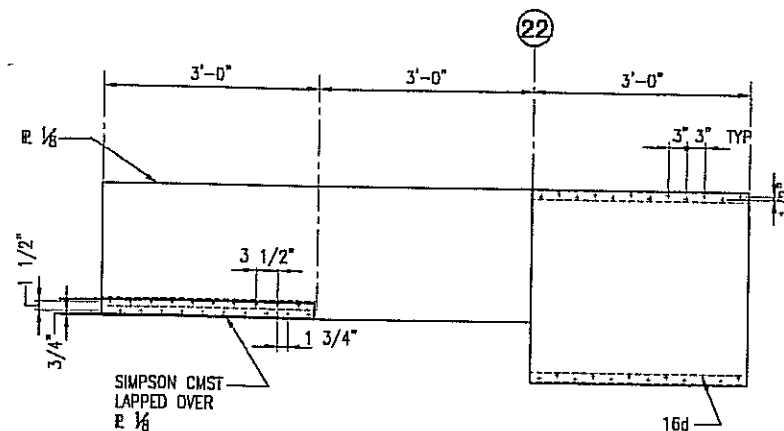
8 GL FLOOR BEAM TO CONC
SCALE: 3/4" = 1'-0"



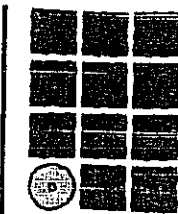
9 L3x3 TO CONC
SCALE: 3/4" = 1'-0"



10 ANGLE 3x2 1/2 STRUT
SCALE: 3/4" = 1'-0"

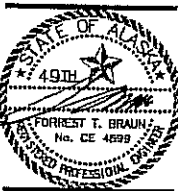


11 TIE AT GRID 20
SCALE: 3/4" = 1'-0"



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KETCHIKAN GATEWAY BOROUGH
**VALLEY PARK
ELEMENTARY SCHOOL
RENOVATION**
KETCHIKAN, ALASKA

PHASE I

REVISIONS

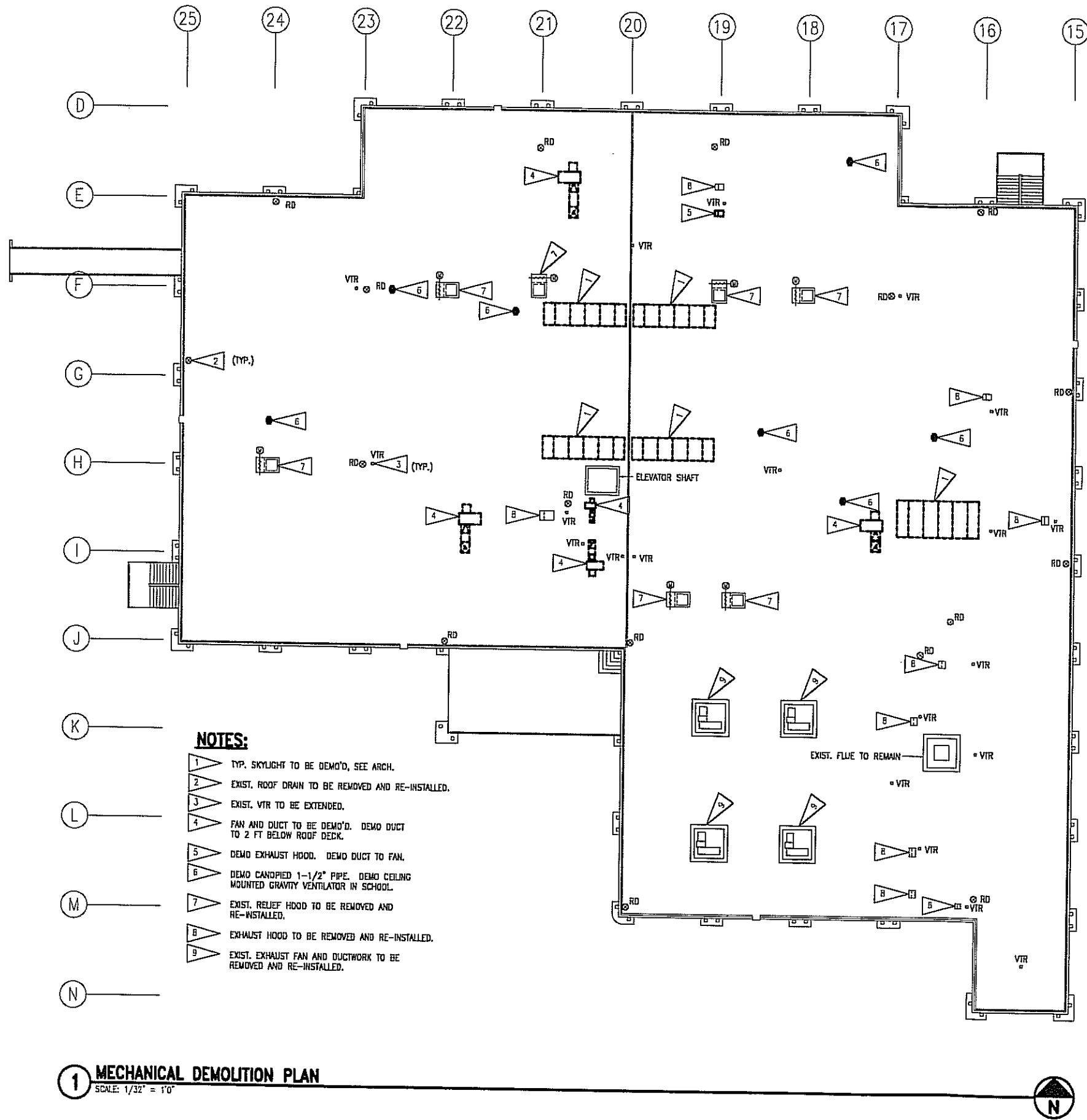


SHEET TITLE

DETAILS

DATE: MARCH 25, 1999
FILE: 9901

S31



- NOTES:**
- 1 TYP. SKYLIGHT TO BE DEMO'D, SEE ARCH.
 - 2 EXIST. ROOF DRAIN TO BE REMOVED AND RE-INSTALLED.
 - 3 EXIST. VTR TO BE EXTENDED.
 - 4 FAN AND DUCT TO BE DEMO'D. DEMO DUCT TO 2 FT BELOW ROOF DECK.
 - 5 DEMO EXHAUST HOOD. DEMO DUCT TO FAN.
 - 6 DEMO CANOPIED 1-1/2" PIPE. DEMO CEILING MOUNTED GRAVITY VENTILATOR IN SCHOOL.
 - 7 EXIST. RELIEF HOOD TO BE REMOVED AND RE-INSTALLED.
 - 8 EXHAUST HOOD TO BE REMOVED AND RE-INSTALLED.
 - 9 EXIST. EXHAUST FAN AND DUCTWORK TO BE REMOVED AND RE-INSTALLED.

DUCTWORK LEGEND		ABBREVIATIONS	
(M)	MODULATING DAMPER ACTUATOR	ABV	ABOVE
⊗	SUPPLY AIR UP & DOWN, SUPPLY AIR DIFFUSER	AD	ACCESS DOOR
⊗	RETURN AIR UP & DOWN, RETURN AIR GRILLE	AFF	ABOVE FINISHED FLOOR
⊗	EXHAUST AIR UP & DOWN, EXHAUST AIR GRILLE	AFR	ABOVE FINISHED ROOF
[]	VOLUME DAMPER	AHAP	AS HIGH AS POSSIBLE
[]	SOUND LINED DUCTWORK	APD	AIR PRESSURE DROP
[]	DUCT SIZE (FIRST FIGURE - SIDE SHOWN)	ARCH	ARCHITECTURAL
[]	INSULATED DUCTWORK	BDD	BACKDRAFT DAMPER
[]	FIRE DAMPER	BLOG	BUILDING
[]	FIRE SMOKE DAMPER	CAP	CAPACITY
[]	DENOTES DEMOLITION	CFM	CUBIC FEET PER MINUTE
⊗	ROOF DRAIN	CLG	CEILING
○	PLUMBING VENT THRU ROOF (VTR)	CONN	CONTINUED CONNECTION
⊙	POINT OF CONNECTION	Ø, DIA	DIAMETER
5/12	DETAIL NUMBER SHEET LOCATED ON	°	DEGREE
		DIM	DIMENSION
		DN	DOWN
		DWG	DRAWING
		E/A	EXHAUST AIR
		ENT	ENTERING
		EXIST	EXISTING
		FT	FEET
		FPM	FEET PER MINUTE
		FD	FIRE DAMPER
		FIN	FINISHED
		FLR	FLOOR
		GA	GAUGE
		GALV	GALVANIZED
		GAL	GALLONS
		ID	INSIDE DAMPER
		IN	INCHES
		LF	LINEAL FEET
		MAX	MAXIMUM
		MFR	MANUFACTURER
		MIN	MINIMUM
		MOD	MOTOR OPERATED DAMPER
		MTD	MOUNTED
		NO.	NUMBER
		PD	PRESSURE DROP
		RD	ROOF DRAIN
		R/A	RETURN AIR
		S/A	SUPPLY AIR
		SP	STATIC PRESSURE
		SQ	SQUARE
		TEMP	TEMPERATURE
		TTL	TOTAL
		TYP	TYPICAL
		VEL	VELOCITY
		VTR	PLUMBING VENT THROUGH ROOF
		WC	WATER COLUMN
		WG	WATER GAUGE
		W/	WITH
		W/O	WITHOUT

ROOF HOOD SCHEDULE							
SYMBOL	MFR/MODEL	SERVICE	MATERIAL	FINISH	THROAT SIZE	CAP SIZE	REMARKS
RH-1	PENN/ALBERTIE	INTAKE	STEEL	BY ARCH.	48" X 72"	109" X 71"	W/ 3/4" BIRDSCREEN AND CONTROL DAMPER, 24V ACTUATOR TO BE SUPPLIED UNDER PHASE II

1 MECHANICAL DEMOLITION PLAN
SCALE: 1/32" = 1'-0"

PLOT DATE: 04/15/99 / 3:06 PM



RSA Engineering, Inc.
MECHANICAL AND ELECTRICAL CONSULTING ENGINEERS
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KETCHIKAN GATEWAY BOROUGH
VALLEY PARK ELEMENTARY SCHOOL RENOVATION
 KETCHIKAN, ALASKA

PHASE I

REVISIONS

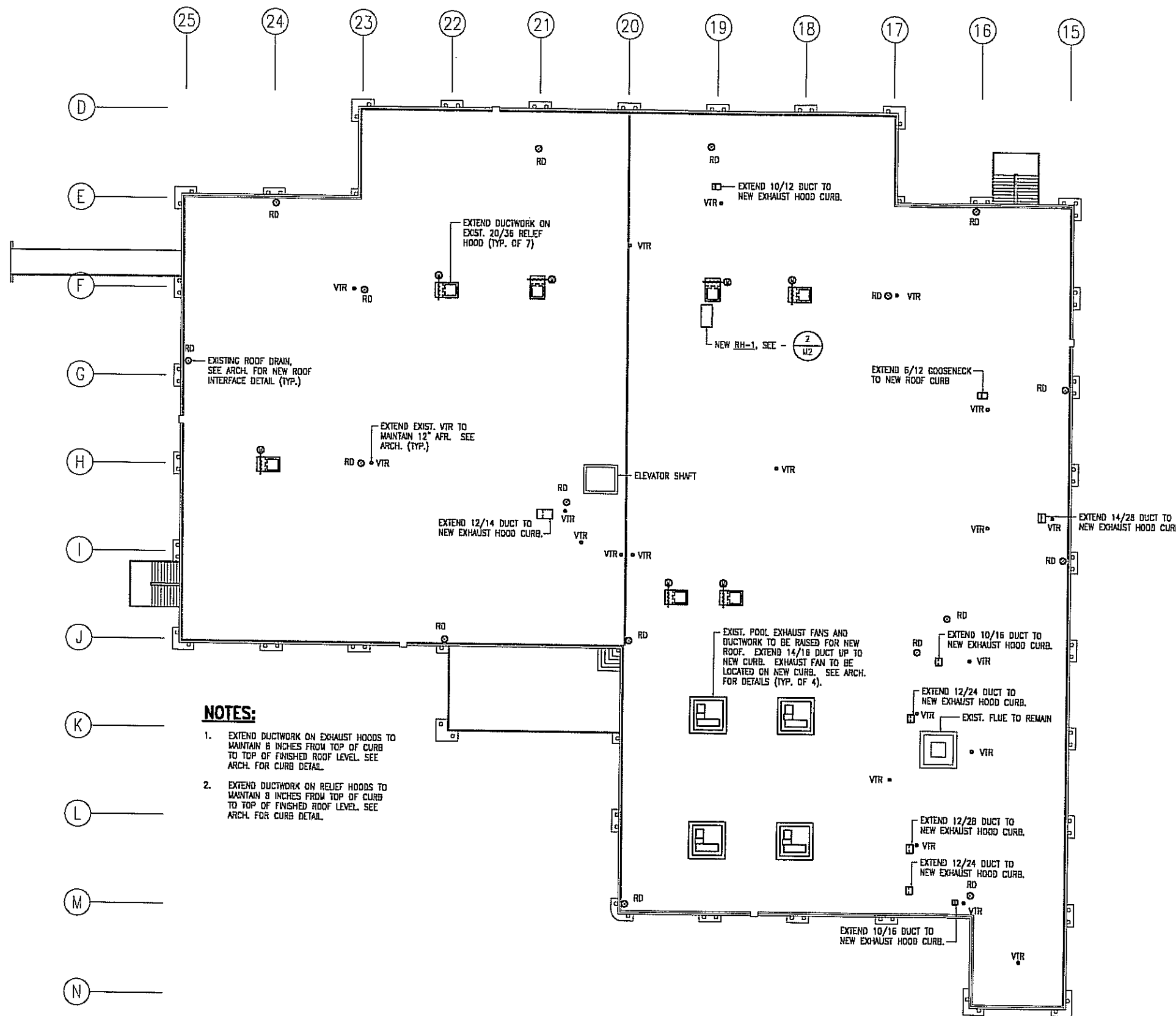
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SHEET TITLE
SCHEDULE, LEGEND, AND MECHANICAL DEMOLITION

DATE: 4/15/99
PROJECT: 9181-M1.DWG

M1

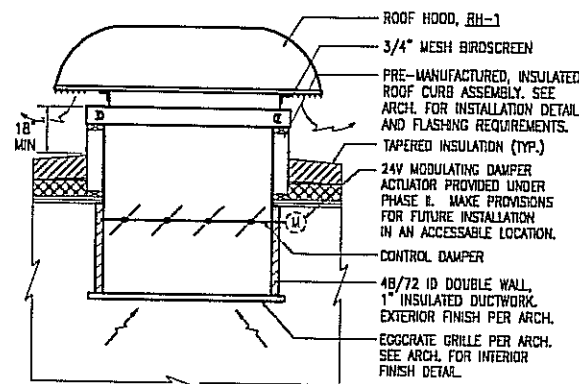
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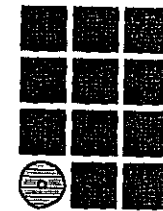
NOTES:

1. EXTEND DUCTWORK ON EXHAUST HOODS TO MAINTAIN 8 INCHES FROM TOP OF CURB TO TOP OF FINISHED ROOF LEVEL. SEE ARCH. FOR CURB DETAIL.
2. EXTEND DUCTWORK ON RELIEF HOODS TO MAINTAIN 8 INCHES FROM TOP OF CURB TO TOP OF FINISHED ROOF LEVEL. SEE ARCH. FOR CURB DETAIL.

1 MECHANICAL REMODEL PLAN
 SCALE 1/32" = 1'-0"



2 NEW RELIEF HOOD DETAIL
 NOT TO SCALE



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KETCHIKAN GATEWAY BOROUGH
**VALLEY PARK
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 KETCHIKAN, ALASKA

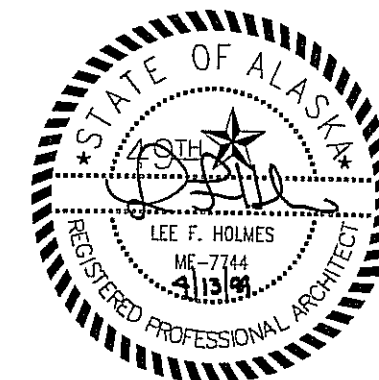
PHASE I

REVISIONS

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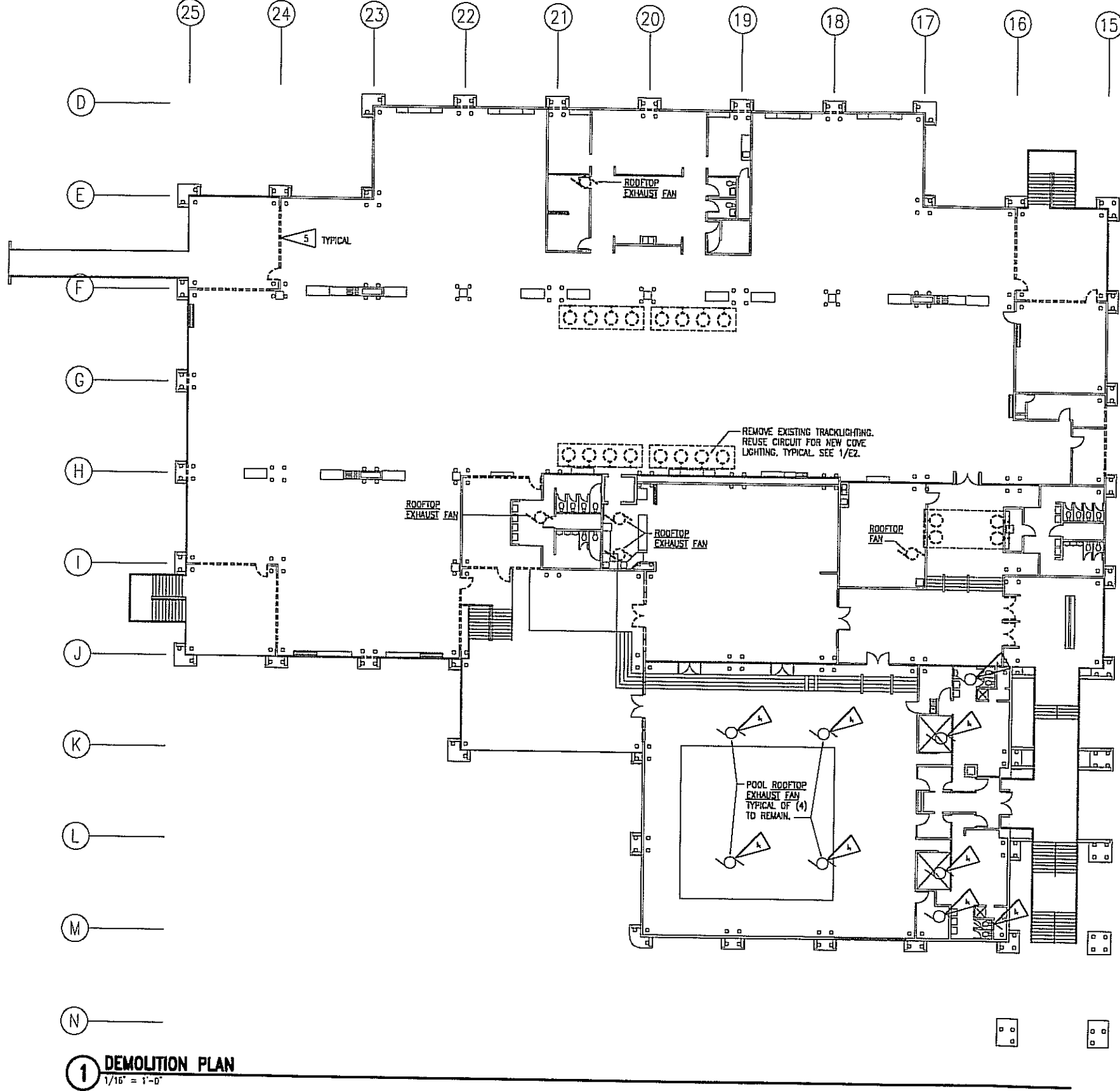
SHEET TITLE
**MECHANICAL
REMODEL PLAN,
DETAIL**

DATE: 4/15/99
 99016.D0 / 0161-M2.DWG



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 MECHANICAL AND ELECTRICAL CONSULTING ENGINEERS
 2822 ARCTIC BLVD., SUITE 200 • ANCHORAGE, AK 99503-2816 • (907) 778-0231

M2



LEGEND	
	TRACK LIGHT FIXTURE - SURFACE MTD ON WALL
	FLUORESCENT FIXTURE COVE - SURFACE MTD WALL
	FIXTURE TAG (LETTER INDICATES TYPE)
	DUPLEX RECEPTACLE
	MOTOR (SIZED AS NOTED)
	CONDUIT, CONCEALED
	NUMBER AND SIZE OF WIRES (NO MARKS = 3 #12)
	HOME-RUN TO PANEL (PANEL AND CIRCUIT No.)
	JUNCTION BOX
	CONDUIT
	WEATHERPROOF
	GROUND FAULT CIRCUIT INTERRUPTER
	DUPLEX RECEPTACLE TO BE REMOVED (DASHED OR DOTTED LINES INDICATE ITEMS TO BE REMOVED TYPICAL)
	NOTE TAG (No. INDICATES NOTE)

FIXTURE SCHEDULE						
TYPE	LOCATION	MANUFACTURER AND CATALOG NUMBER (OR APPROVED EQUAL)	DESCRIPTION	MOUNTING		LAMPS
				TYPE	HEIGHT	
A	SKYLIGHT	LINEAR #D492-1-1-ETB-120-AR-CMT-BW-ND-8"	9" x 4 1/2" FLUORESCENT COVE LIGHT FIXTURE WITH ONE PIECE DE FORMED 20GA. COLD ROLLED STEEL HOUSING, ASYMETRIC SPECULAR REFLECTOR, ELECTRONIC BALLAST, AND T8 LAMPS.	COVE	SEE ARCH.	2 32
A1	SKYLIGHT	LINEAR #D492-1-1-1-ETB-120-AR-CMT-BW-ND-6"	SAME AS TYPE 'A' ONLY 6".	COVE	SEE ARCH.	1 32 1 17 1 18

NOTES:

1. THE INFORMATION SHOWN ON THIS DRAWING IS TAKEN FROM ASBUILT DRAWINGS AND A CASUAL WALK THROUGH OF THE FACILITY. THERE IS NO WARRANTY OR GUARANTEE AS TO THE ACCURACY OF THE INFORMATION SHOWN HERE-IN. THE CONTRACTOR SHALL FIELD VERIFY ALL ITEMS SCHEDULED FOR DEMOLITION PRIOR TO START OF WORK.
2. THE OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL SALVAGEABLE MATERIALS. THE CONTRACTOR SHALL DELIVER SALVAGED MATERIALS TO A WAREHOUSE AS DIRECTED BY THE OWNER. THE CONTRACTOR SHALL DISPOSE OF, OFF SITE, ALL UNWANTED MATERIALS.
3. DASHED OR DOTTED LINES INDICATE EXISTING ITEMS TO BE REMOVED. SOLID LINES INDICATE EXISTING ITEMS TO REMAIN.
4. REMOVE AND EXTEND ELECTRICAL CONNECTIONS AS REQUIRED TO RAISE EXHAUST FAN UP TO NEW CURB. SEE 1/EZ.
5. REMOVE AND REPLACE EXISTING ELECTRICAL EQUIPMENT, CIRCUITS, ETC. TO ACCOMMODATE ARCHITECTURAL CHANGES.

1 DEMOLITION PLAN
1/16" = 1'-0"

PLOT DATE: 04/13/99 / 3:08 PM

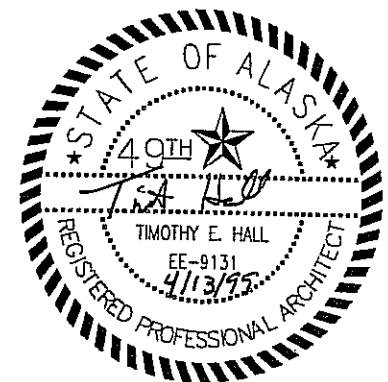
Jensen Yorba Lott Inc.
522 West 10th Street
Juneau, Alaska 99801
phone 907-586-1070
fax 907-586-9959
jyl@alaska.net

KETCHIKAN GATEWAY BOROUGH
**VALLEY PARK
ELEMENTARY SCHOOL
RENOVATION**
 KETCHIKAN, ALASKA

PHASE I

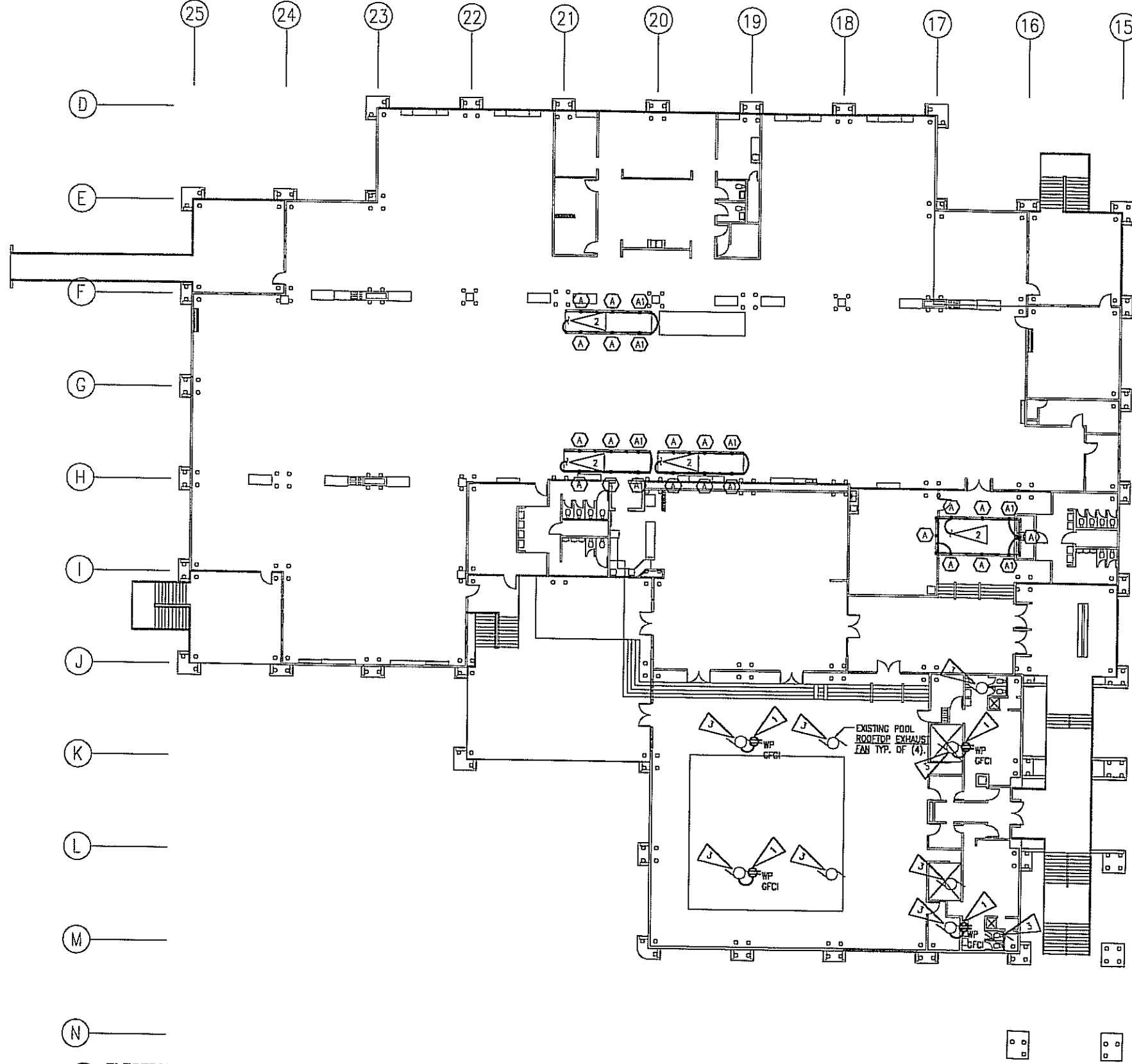
- REVISIONS
- -
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SHEET TITLE
**LEGEND
DEMO PLAN
FIXTURE
SCHEDULE**
DATE: 4/16/99
9166-EL-DWG



RSA Engineering, Inc.
MECHANICAL AND ELECTRICAL CONSULTING ENGINEERS
2821 ARCTIC BLVD., SUITE 200 - ANCHORAGE, AK 99503-2816 - (907) 278-0221

E1



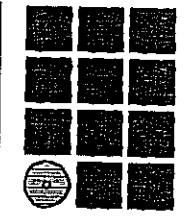
NOTES:

1. PROVIDE AND INSTALL NEW ROOFTOP RECEPTACLE AND MOUNT TO ROOF CURB. CIRCUIT FROM EXISTING EXHAUST FAN.
2. REUSE EXISTING CIRCUIT FOR TRACK LIGHTING WHICH HAS BEEN REMOVED FOR NEW COVE LIGHTING AS SHOWN.
3. RECONNECT EXISTING EXHAUST FANS WHICH ARE TO BE RAISED UP TO NEW ROOF CURB.

LOAD CALCULATION	
LIGHTING LOADS REMOVED.....	-8.5 A
MOTOR LOADS REMOVED.....	-8.7 A
TOTAL LOADS REMOVED.....	-17.6 A
NEW LOAD ADDED.....	+6.9 A
NEW NET LOAD.....	-10.7 A

1 ELECTRICAL REMODEL PLAN
1/16" = 1'-0"

PLOT DATE: 04/13/99 / 3:08 pm



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Inc.**

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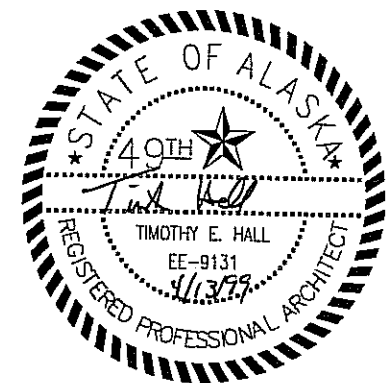
PHASE I

REVISIONS

- △.
- △.
- △.
- △.

SHEET TITLE
**ELECTRICAL
REMODEL
PLAN**

DATE: 4/16/99
9160-E2DWG



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E2