



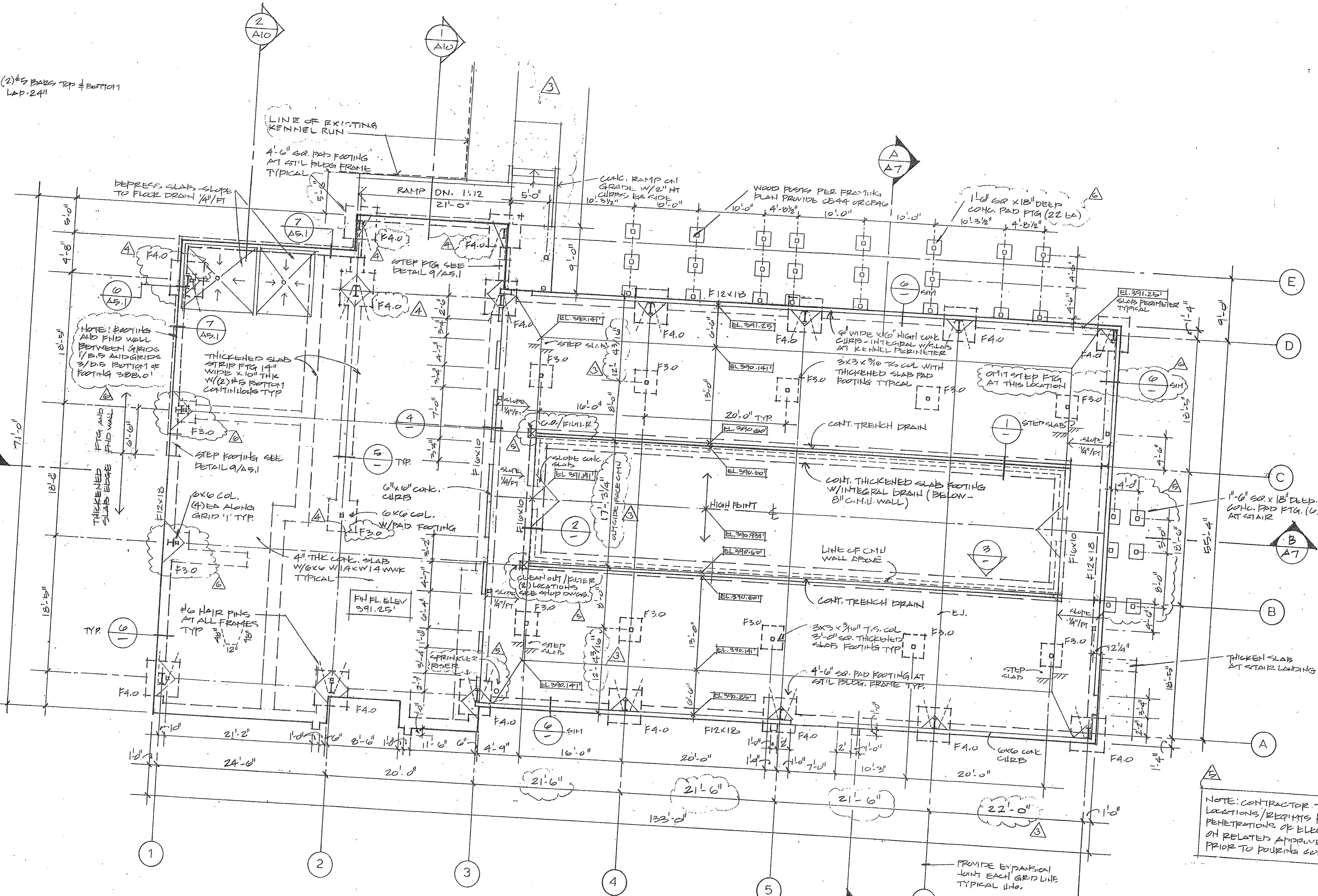
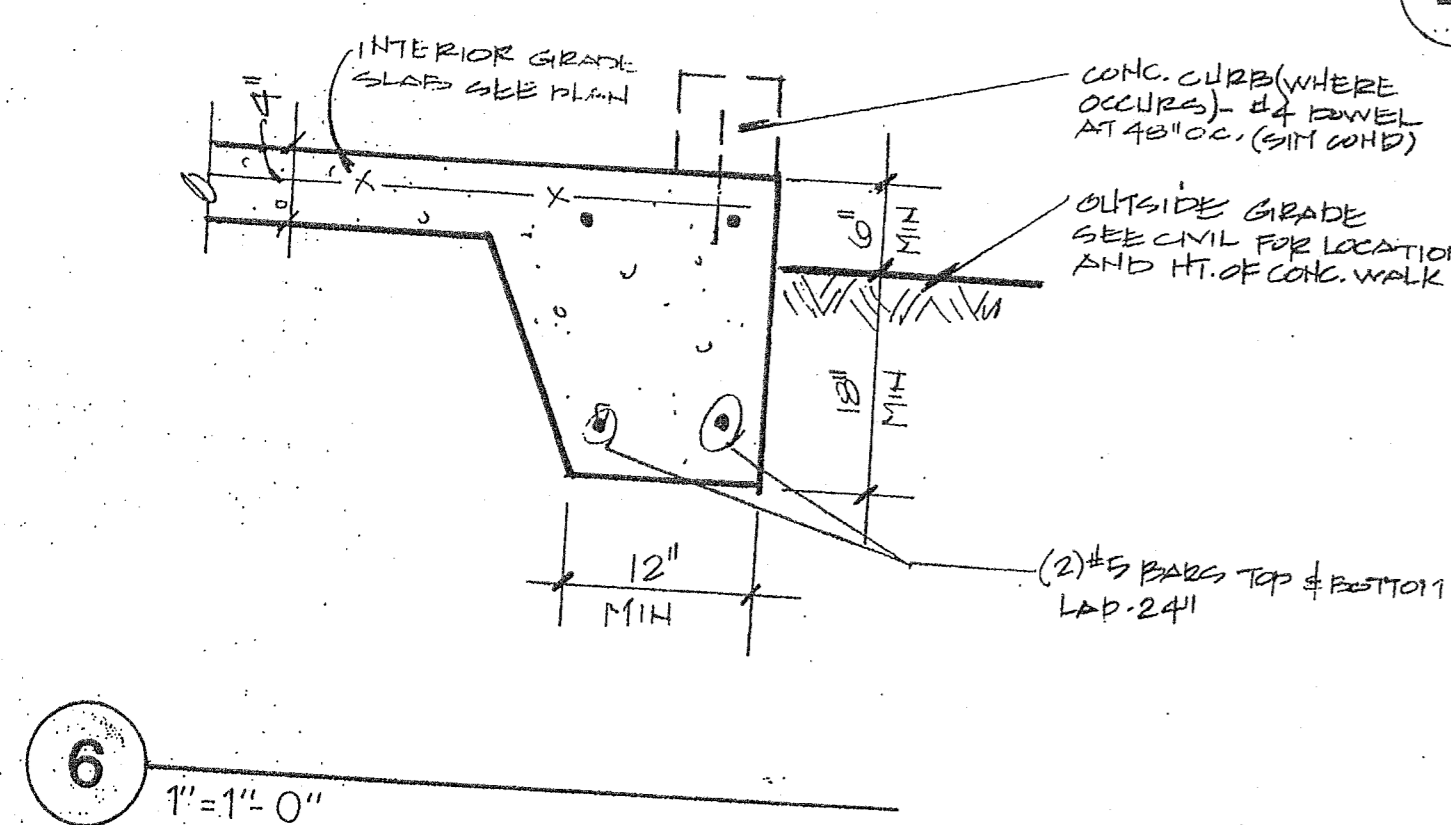
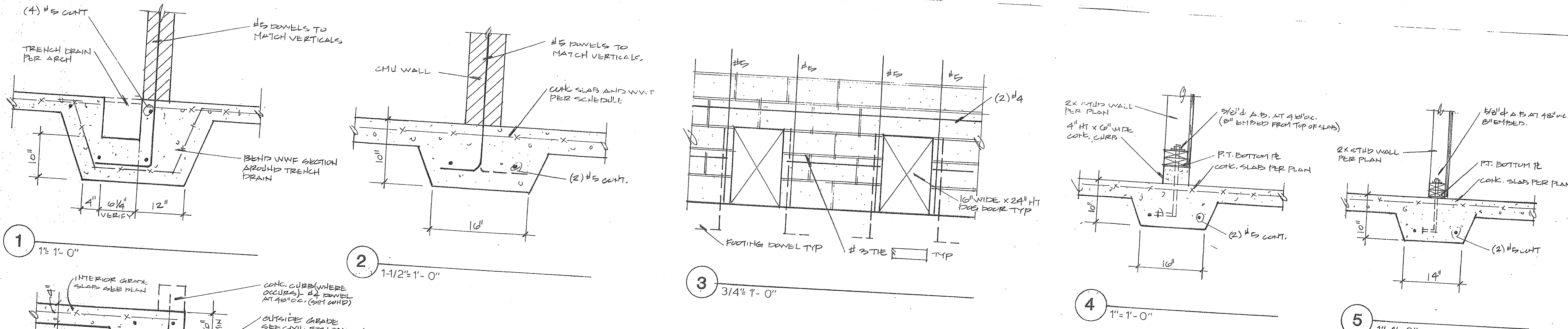


**Atwoods Pet Resort  
 Remodel & Expansion**  
 Seatac, Washington

- REV 11-1-99
- REV 10-15-99
- REV 9-27-99
- REV 7-14-99
- REV 5-25-99
- REV 4-20-99
- REV 2-17-98

DATE 12-10-97 JOB NO. 96-12

NOTE: CONTRACTOR TO VERIFY ALL LOCATIONS/REQUIREMENTS FOR CONCRETE PENETRATIONS OF ELEC./PLUMBING OR RELATED APPROVED SHOP DRAWINGS PRIOR TO POURING CONCRETE



**FOOTING SCHEDULE**

F3.0	3'-0" EX. X 10" THK W/(4) #4 EA WAY
F4.0	4'-0" EX. X 12" THK W/(4) #5 EA WAY
F12x13	12" WIDE X 13" DEEP THICKENED SLAB EDGE REINFORCE W/(2) #5 CONT T&B
F16x10	16" WIDE X 10" DEEP THICKENED SLAB FOOTING REINFORCE W/(2) #5 CONT T&B
SLAB ON GRADE	4" THK REINFORCE W/6" GW. 4" WVF (SEE TYP. SLAB DETAILS)

**CMU NOTES**

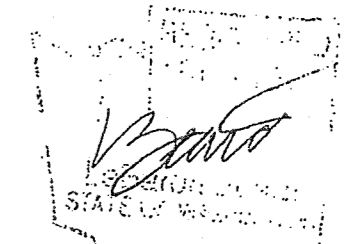
**ALL CMU AT FIRST FLOOR**

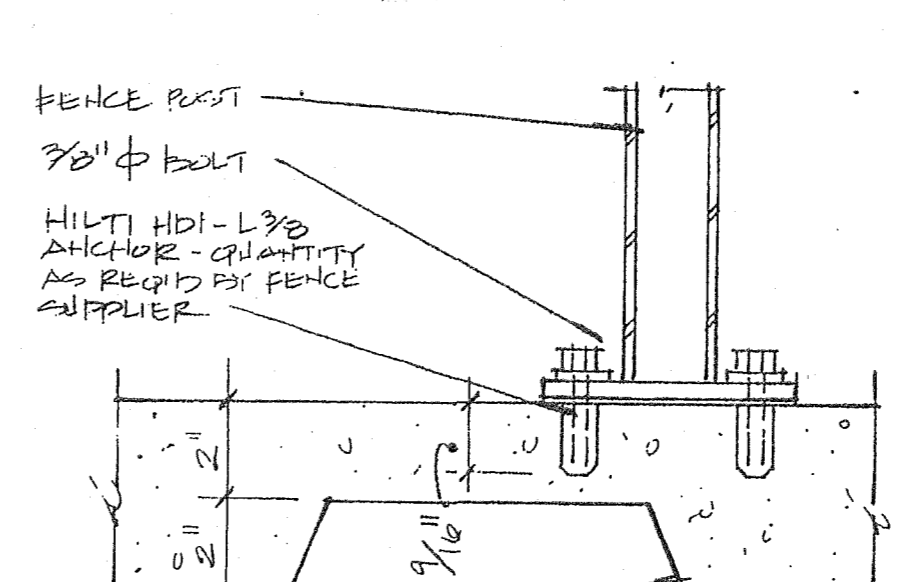
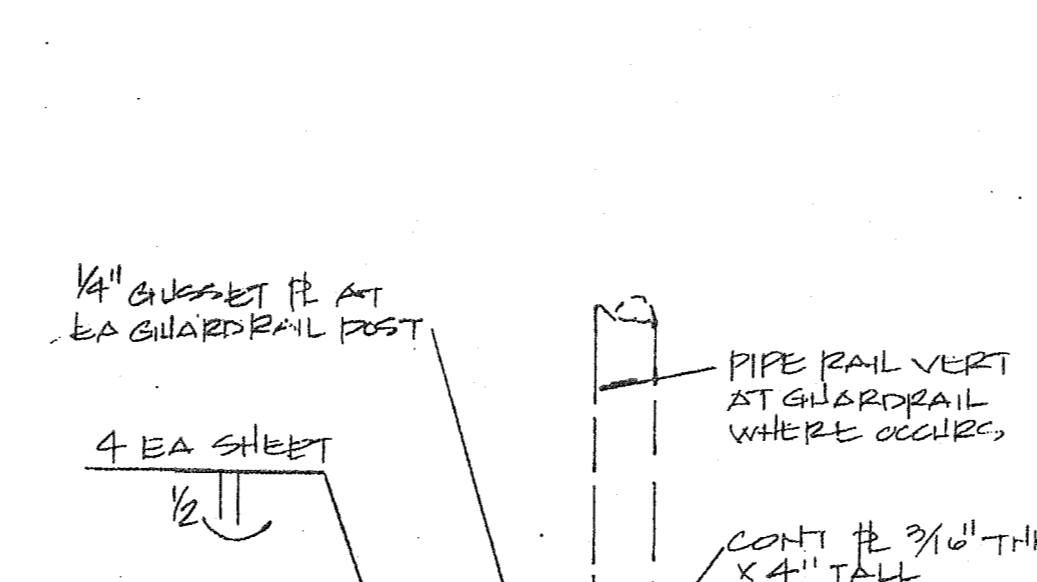
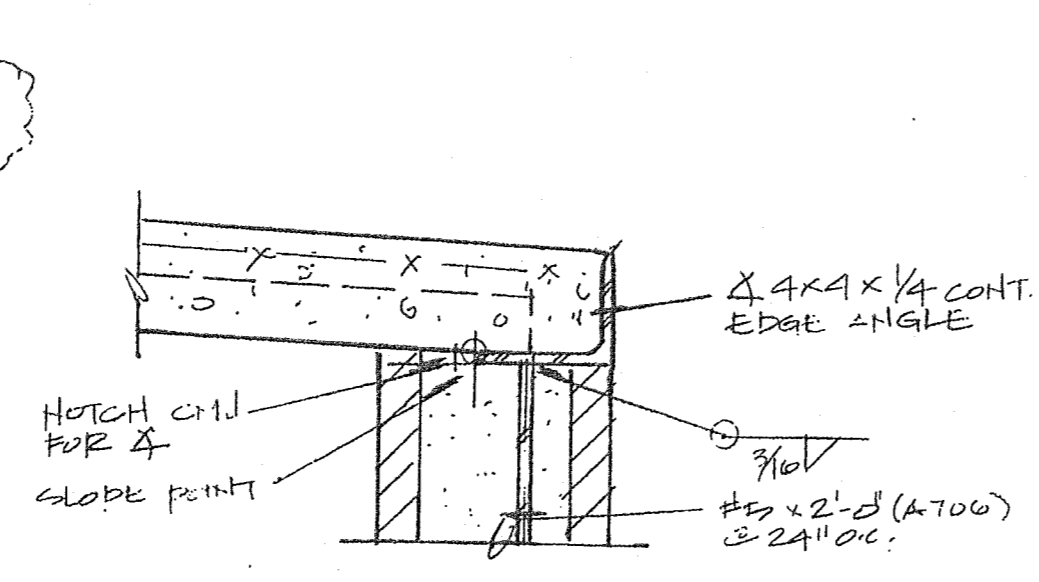
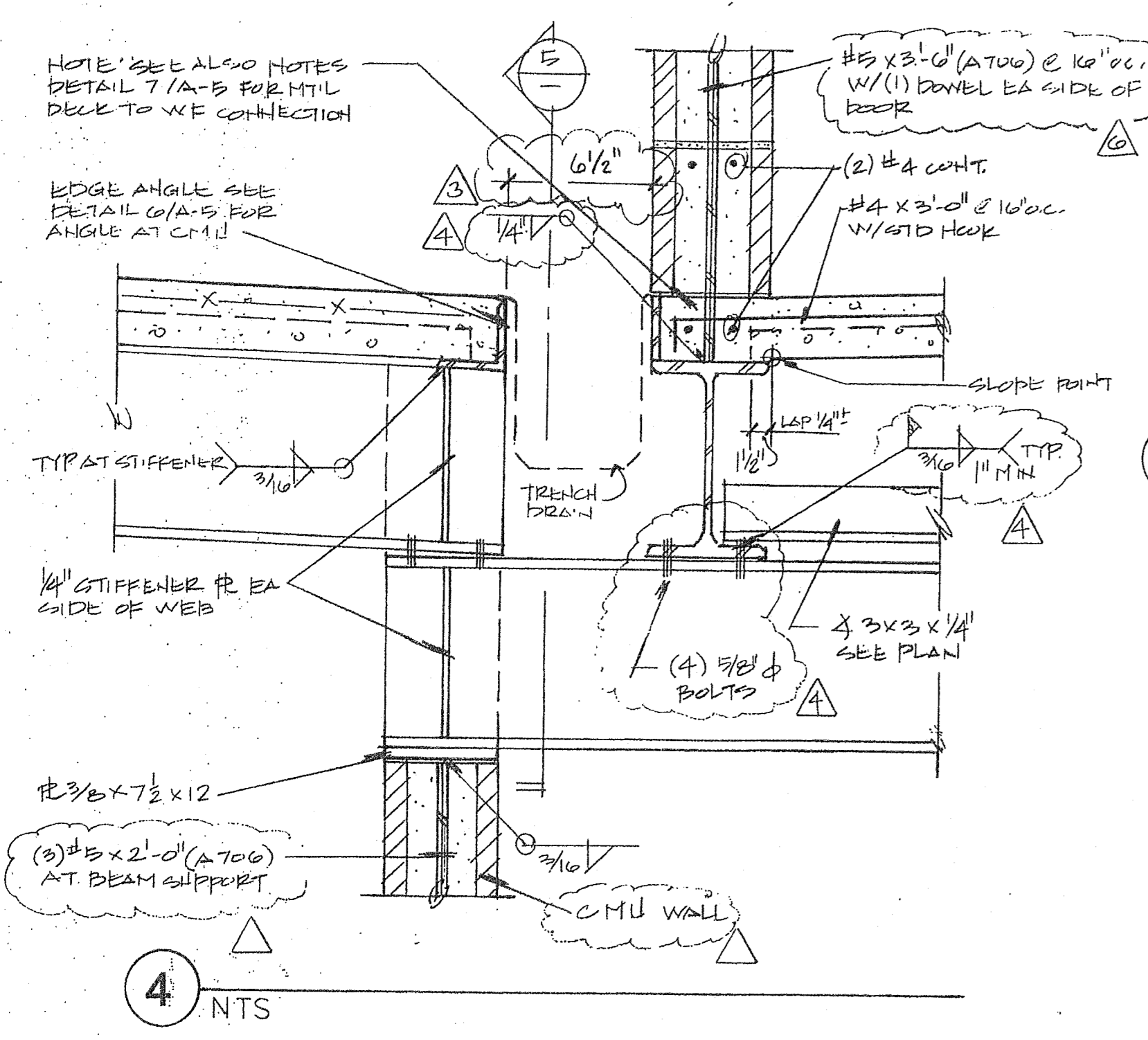
- GROUT ALL CELLS SOLID
- REINFORCE AS FOLLOWS:
  - (1) #5 AT 24" OC. BELOW ALL BMS-EMBED PL'S
  - (2) #5 AT 24" OC. VERT. AT E OF WALL
  - (3) #4 AT 16" OC. HORIZ. HOOK ALL HORIZ. BARS AT END OF WALLS PER DETAIL 3/A/5-1
  - PROVIDE REINF. AT OPENINGS PER DETAIL 4/A/5-1
  - PROVIDE REINF. AT DOG PROBS PER DETAIL 3/A/4

**ALL CMU AT SECOND FLOOR**

- GROUT ONLY CELLS WITH REINFORCING
- REINFORCE AS FOLLOWS:
  - #5 AT 24" OC. VERT. AT E OF WALL
  - (2) #4 AT 24" OC. HORIZ.
  - (1) #5 AT ALL CORNERS
  - PROVIDE REINF. AT OPENINGS PER DETAIL 4/A/5-1
  - PROVIDE REINF. AT DOG PROBS PER DET. 3/A/4

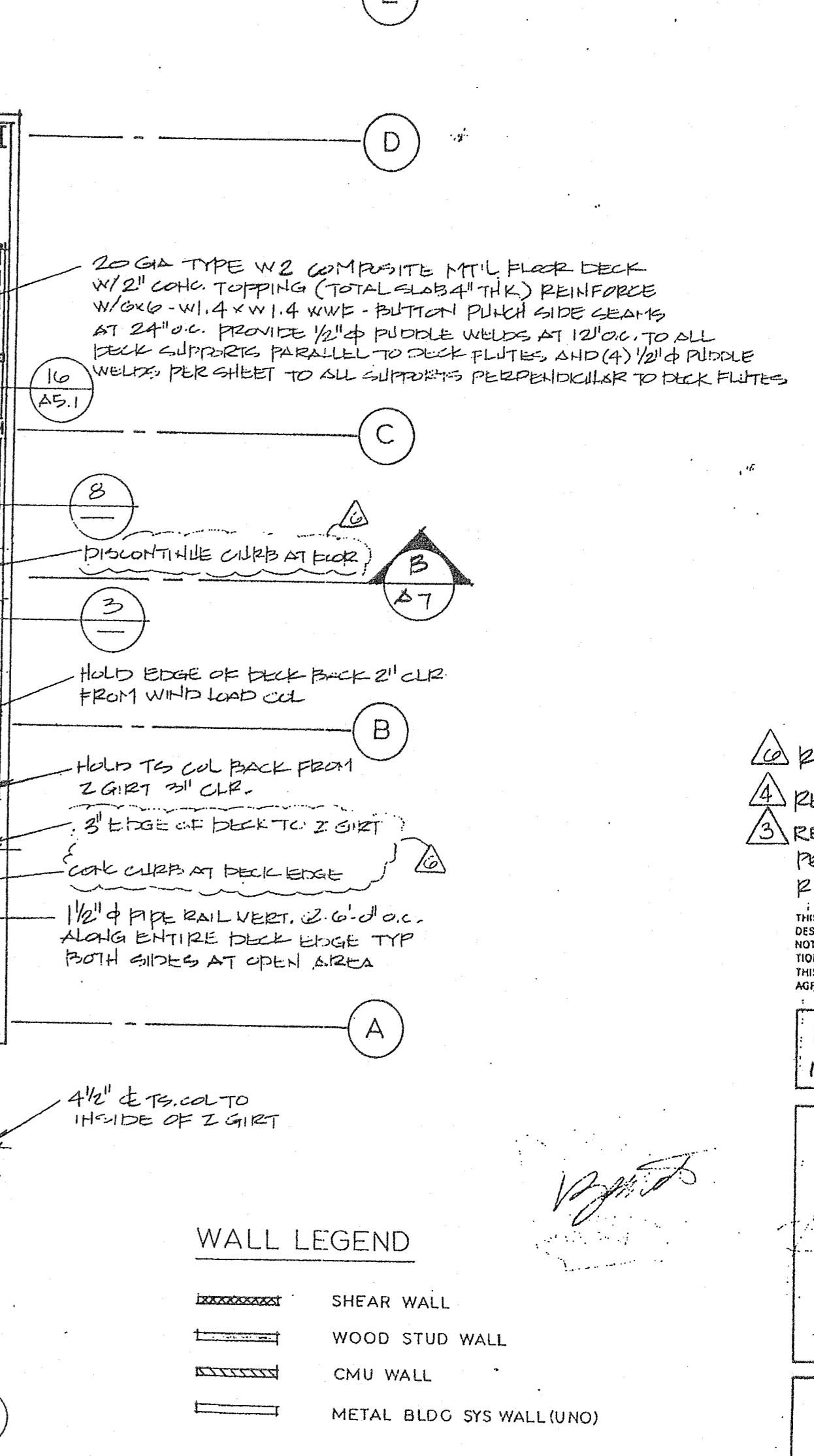
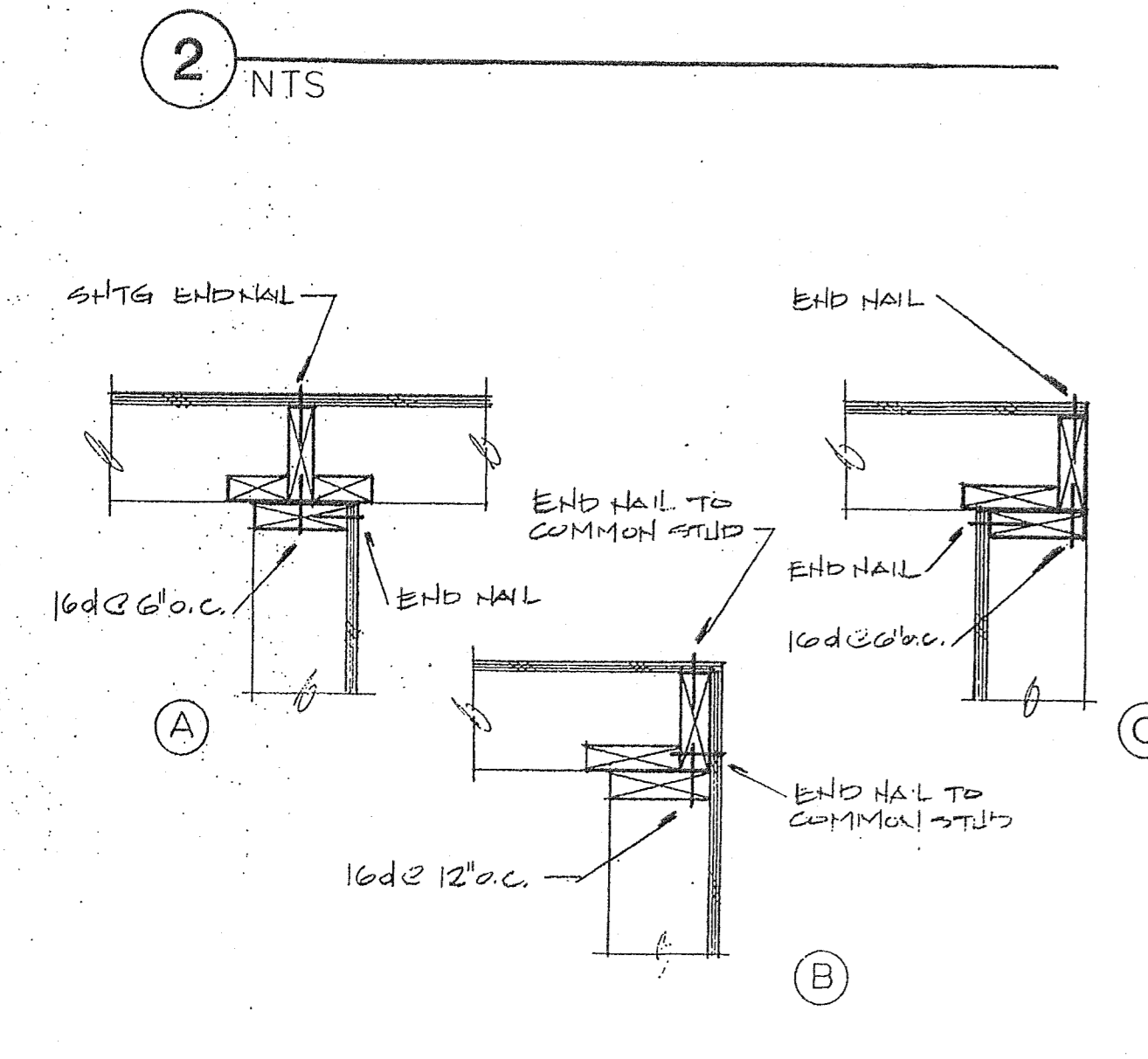
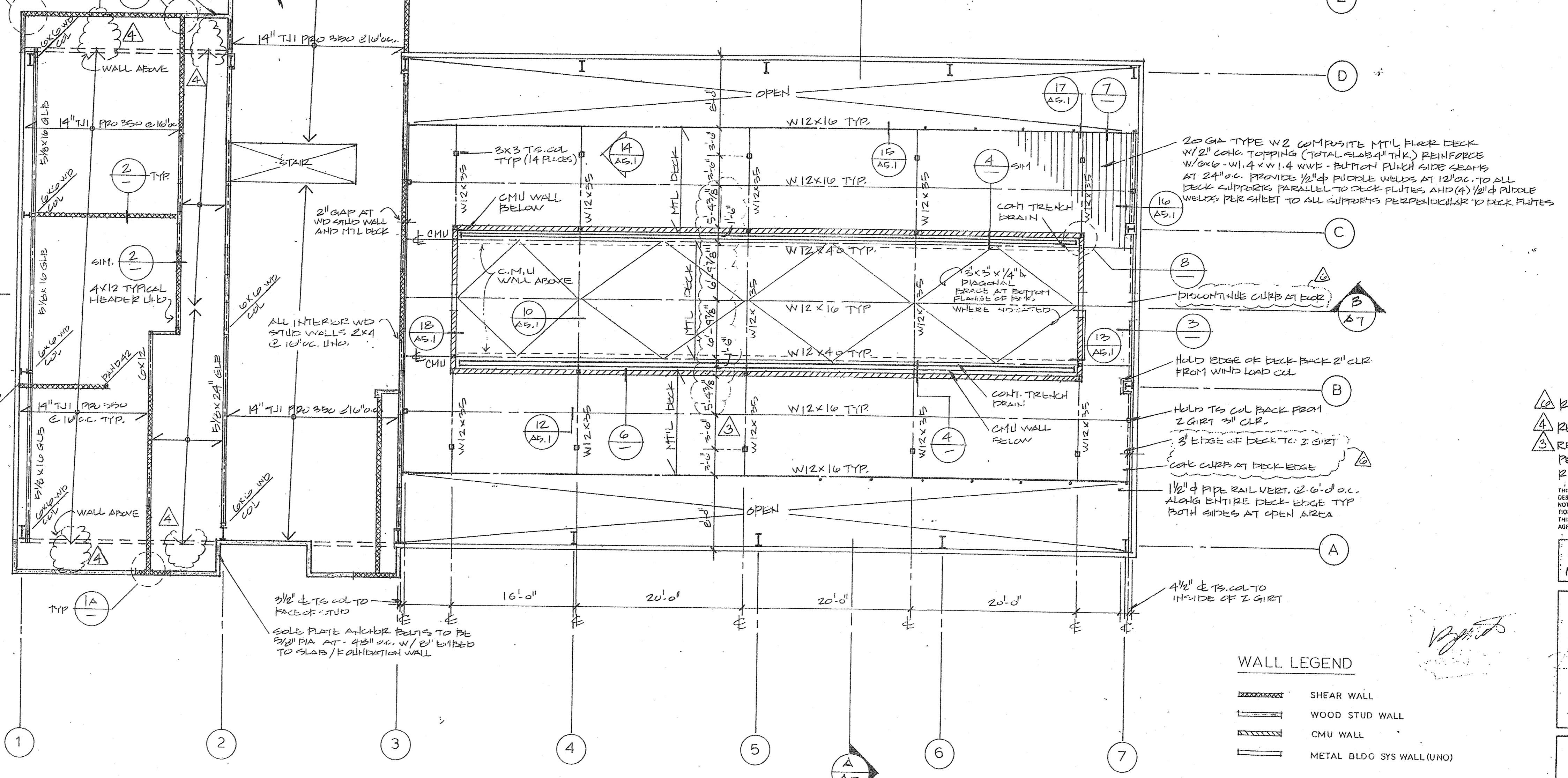
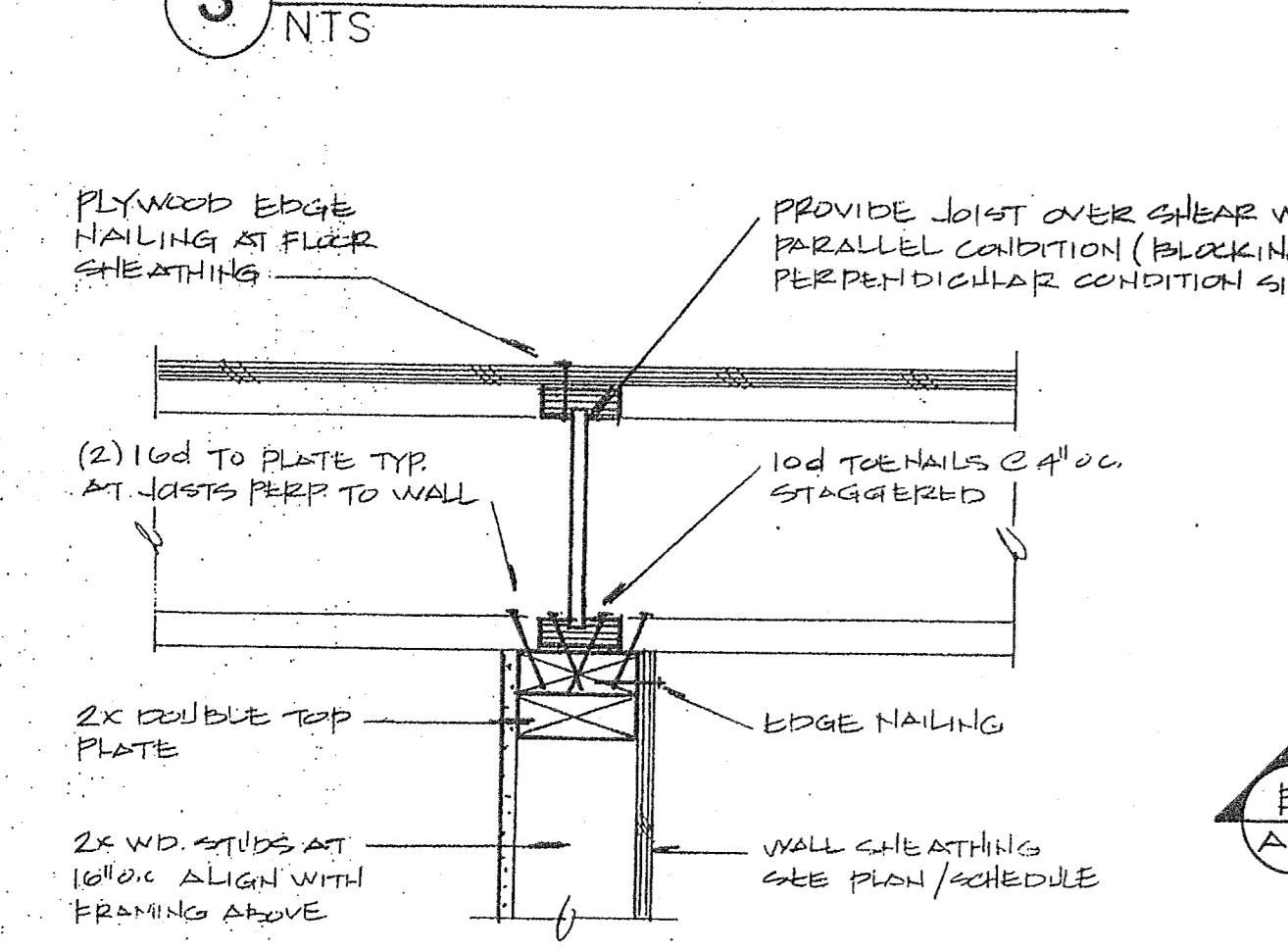
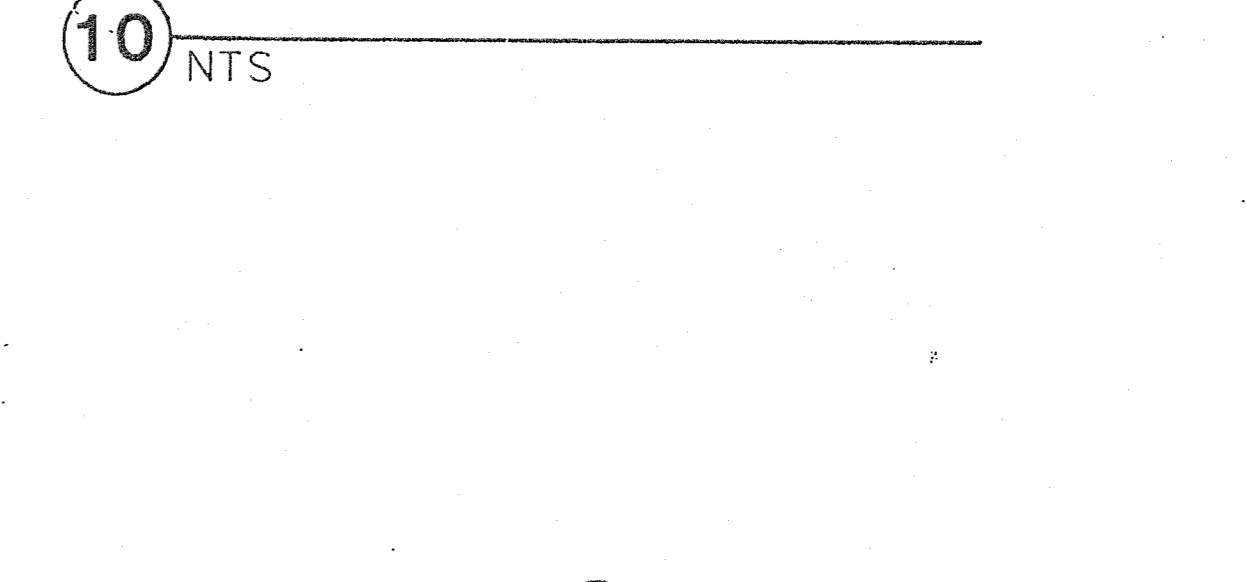
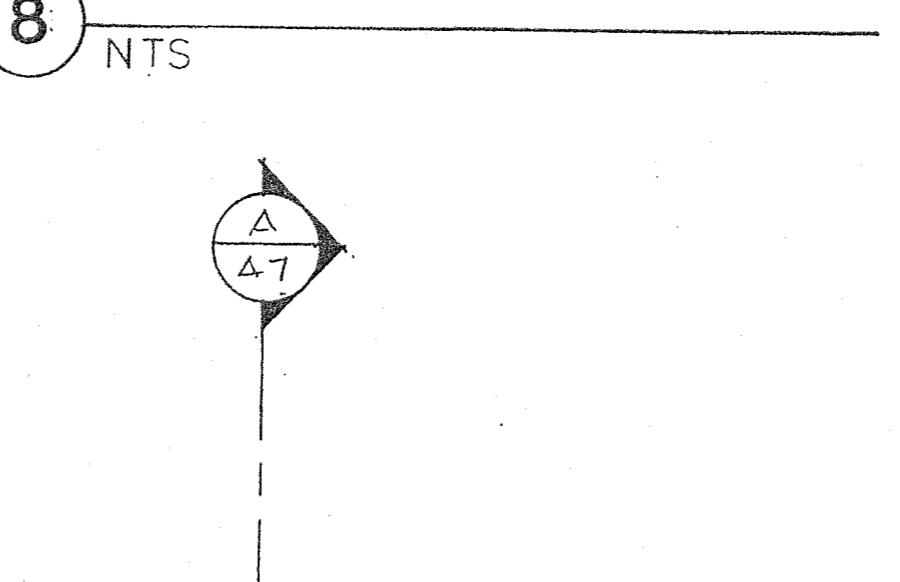
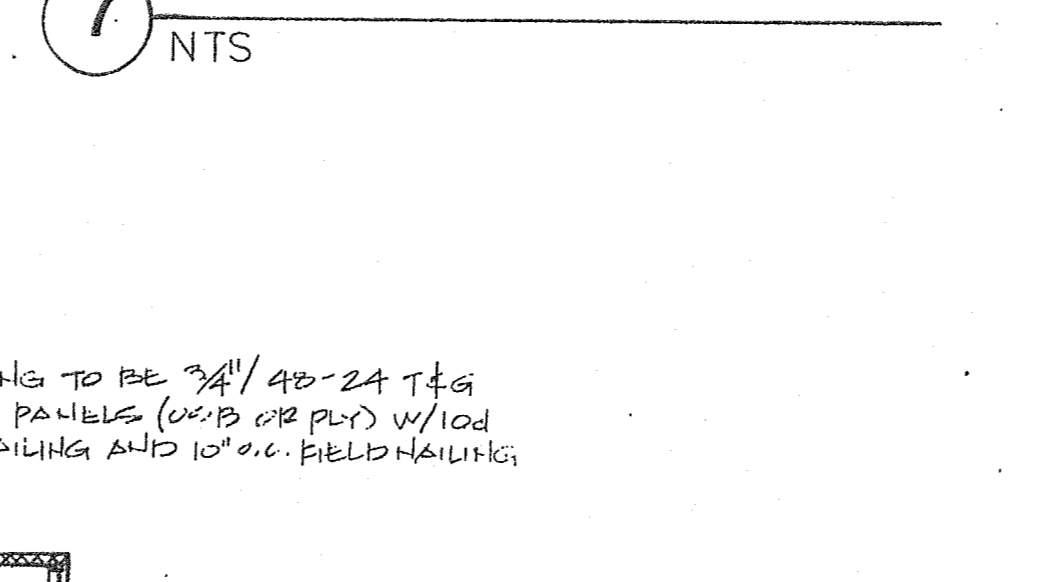
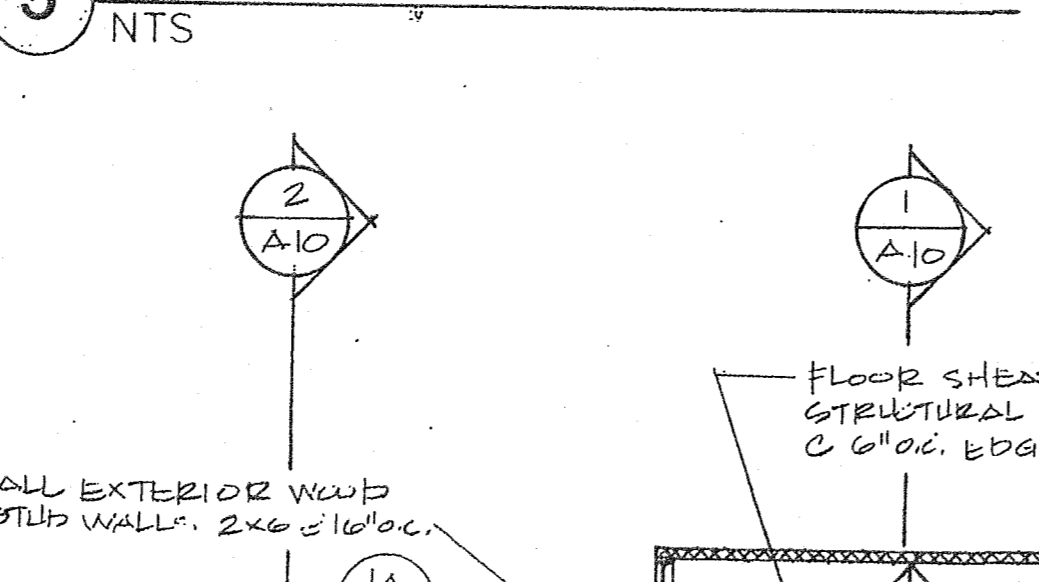
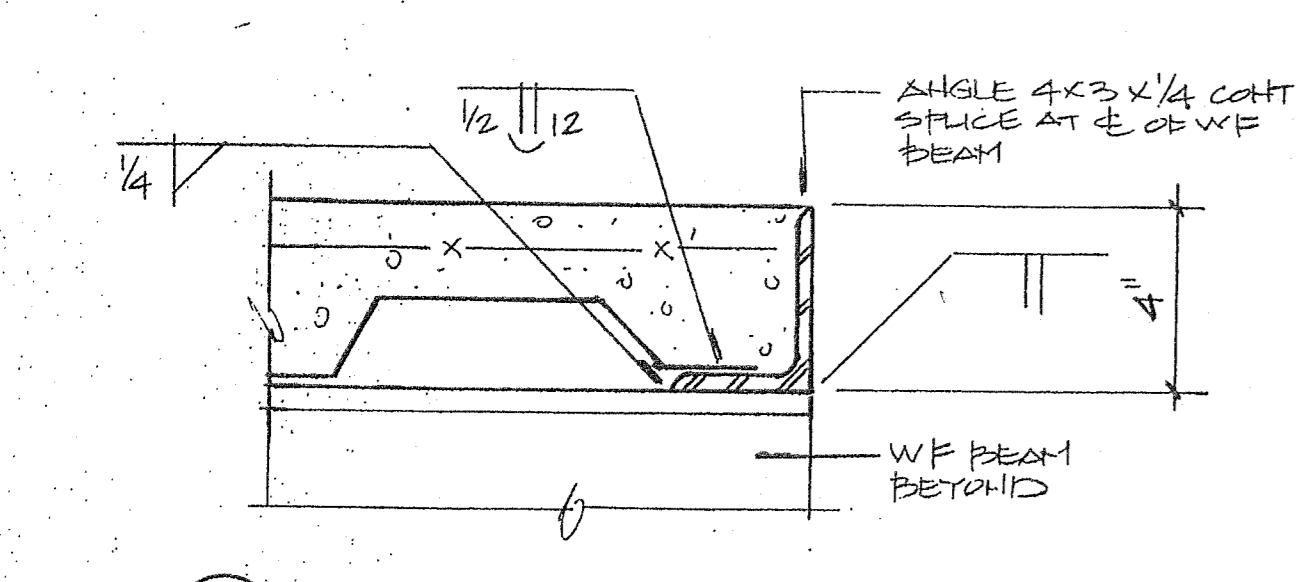
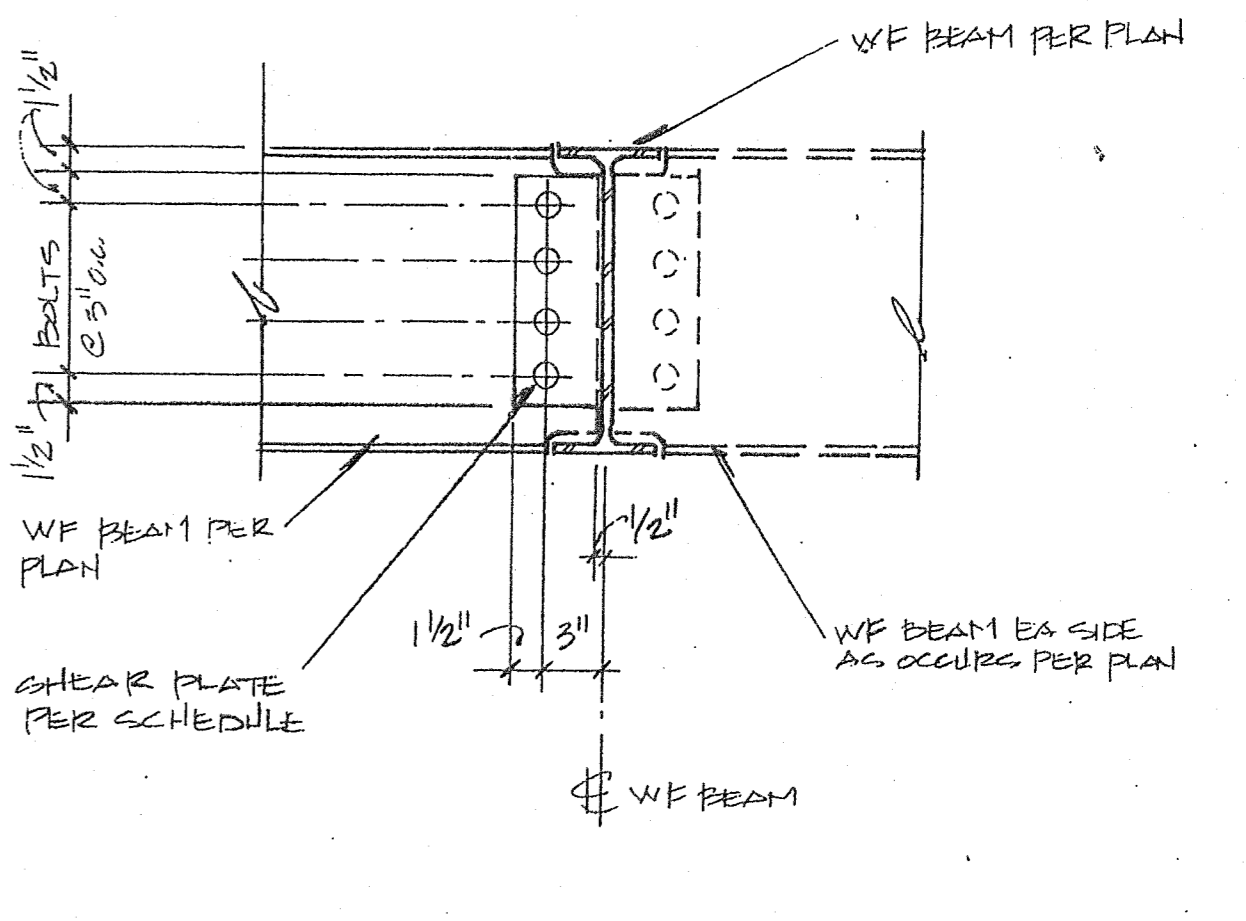
**FOUNDATION PLAN**  
 1/8"=1'-0"





WF TO WF BEAM CONNECTION SCHED.			
BEAM SIZE	PLATE THICKNESS	WELD SIZE	NO. OF BOLTS
W10	1/2"	3/16"	2
W12	3/8"	3/16"	3
W14	3/8"	3/16"	3
W16	3/8"	3/16"	4
W18	3/8"	3/16"	5

NOTE: BOLTS TO BE 3/4" (A307)



**SECOND FLOOR FRAMING**  
1/8"=1'-0"



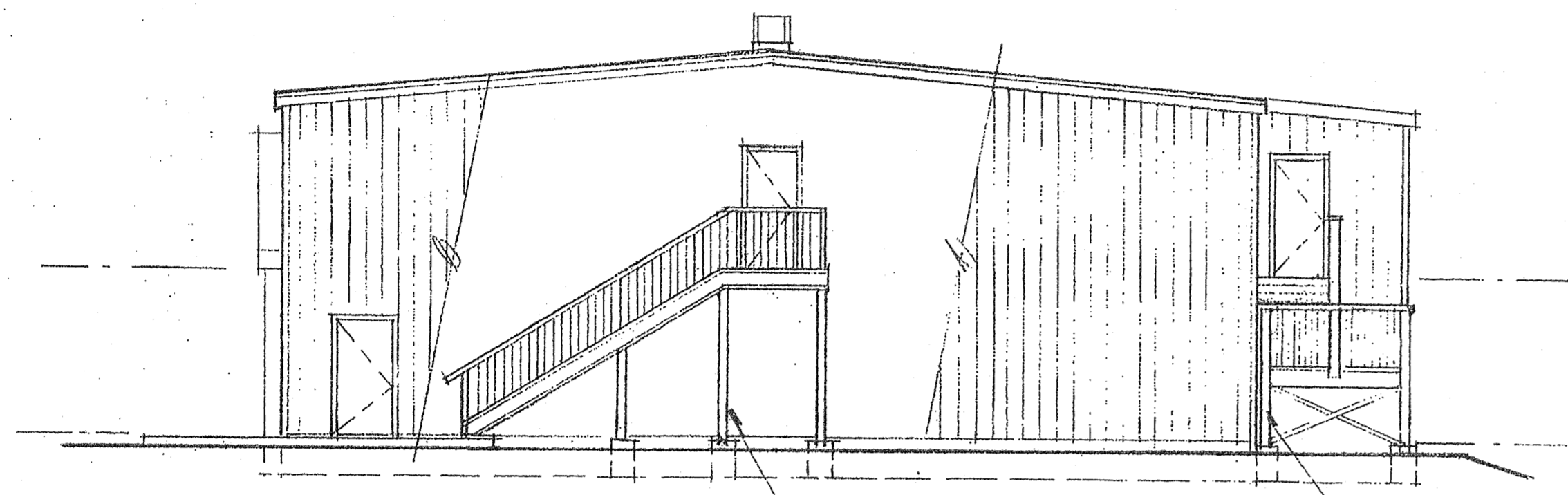
REV. 11.1.99  
REV. 9.27.99  
REV. 7.14.99  
PERMIT 525.99  
REV. 4.26.99

THIS DOCUMENT REPRESENTS A PROPRIETARY DESIGN OWNED BY THE ARCHITECT AND SHALL NOT BE USED ON OTHER PROJECTS FOR ADDITIONS TO THIS PROJECT OR FOR COMPLETION OF THIS PROJECT BY OTHERS EXCEPT BY PRIOR AGREEMENT IN WRITING.

DATE 12.10.97  
JOB NO. 96.15

9-12-99

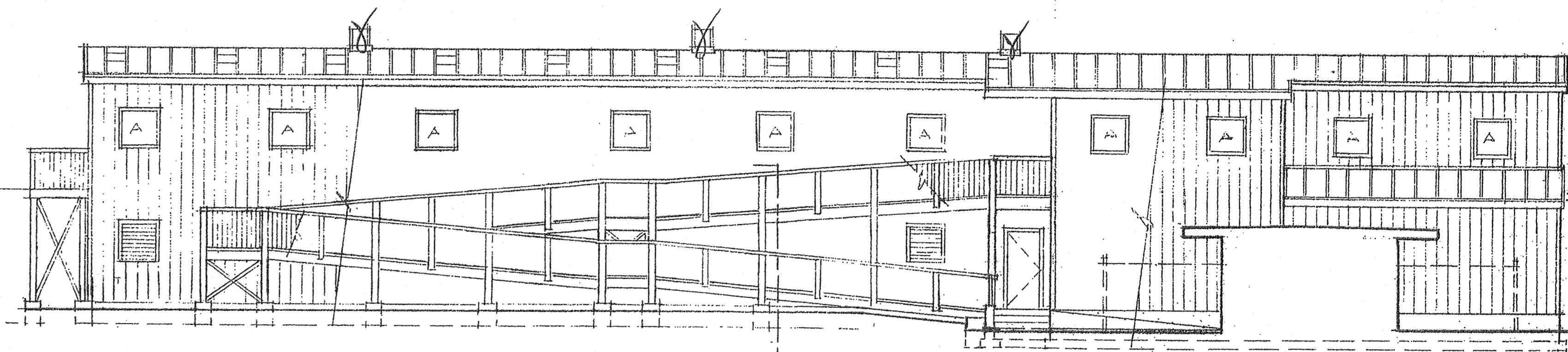
**A-5**  
SHEET



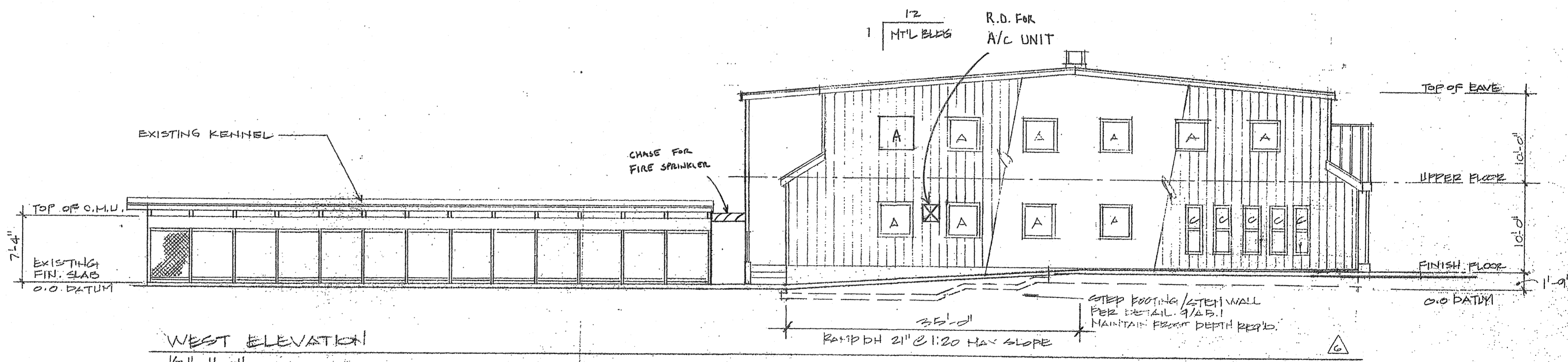
**EAST ELEVATION**  
1/8" = 1'-0"

WOOD FRAMED STAIRS  
SEE FND AND FRAMING  
PLANS.

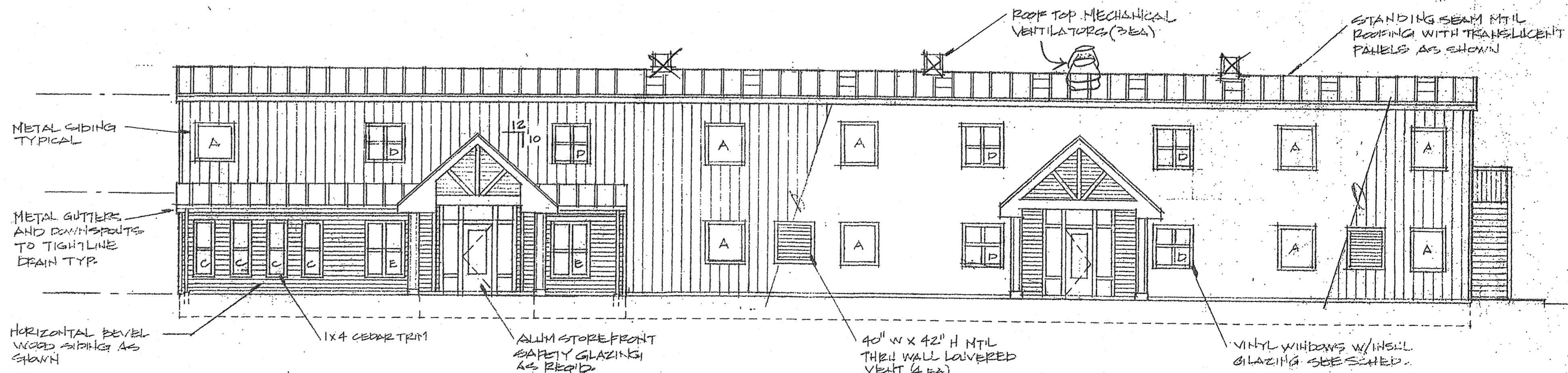
WOOD FRAMED ACCESS  
RAMP CROSS BRACING  
AT EA. FOOT GROUPING TYP.



**NORTH ELEVATION**  
1/8" = 1'-0"



**WEST ELEVATION**  
1/8" = 1'-0"



**SOUTH ELEVATION**  
1/8" = 1'-0"

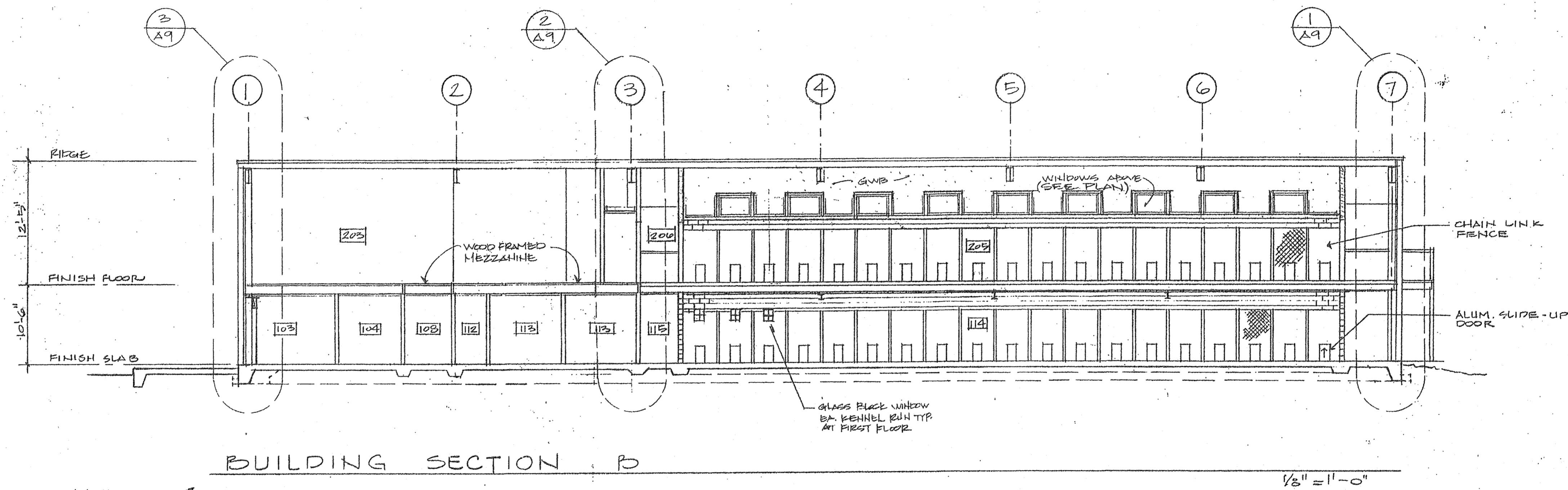
**Atwoods Pet Resort  
Remodel & Expansion**  
Seacac, Washington

REV. 11.1.99  
REV. 5.25.97  
REV. 4.20.99  
THIS DOCUMENT REPRESENTS A PRELIMINARY DESIGN OWNED BY THE ARCHITECT AND SHALL NOT BE USED ON OTHER PROJECTS FOR ADDITIONS TO THIS PROJECT OR FOR COMPLETION OF THIS PROJECT BY OTHERS EXCEPT BY PRIOR AGREEMENT IN WRITING.

DATE: 12-10-97  
JOB NO.: 96.15

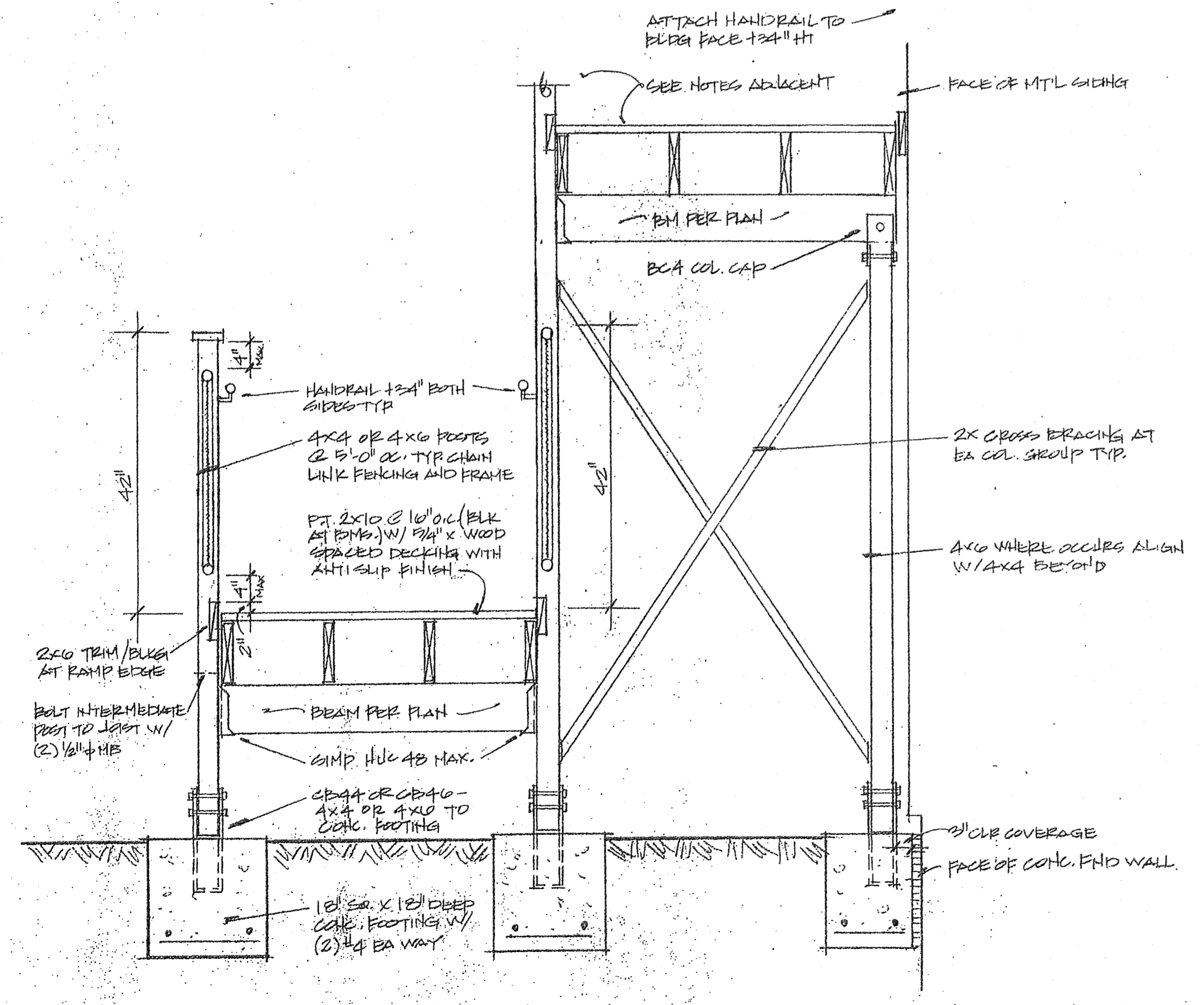
REGISTERED ARCHITECT  
5529  
Pageon Beard  
STATE OF WASHINGTON

**A-6**  
SHEET

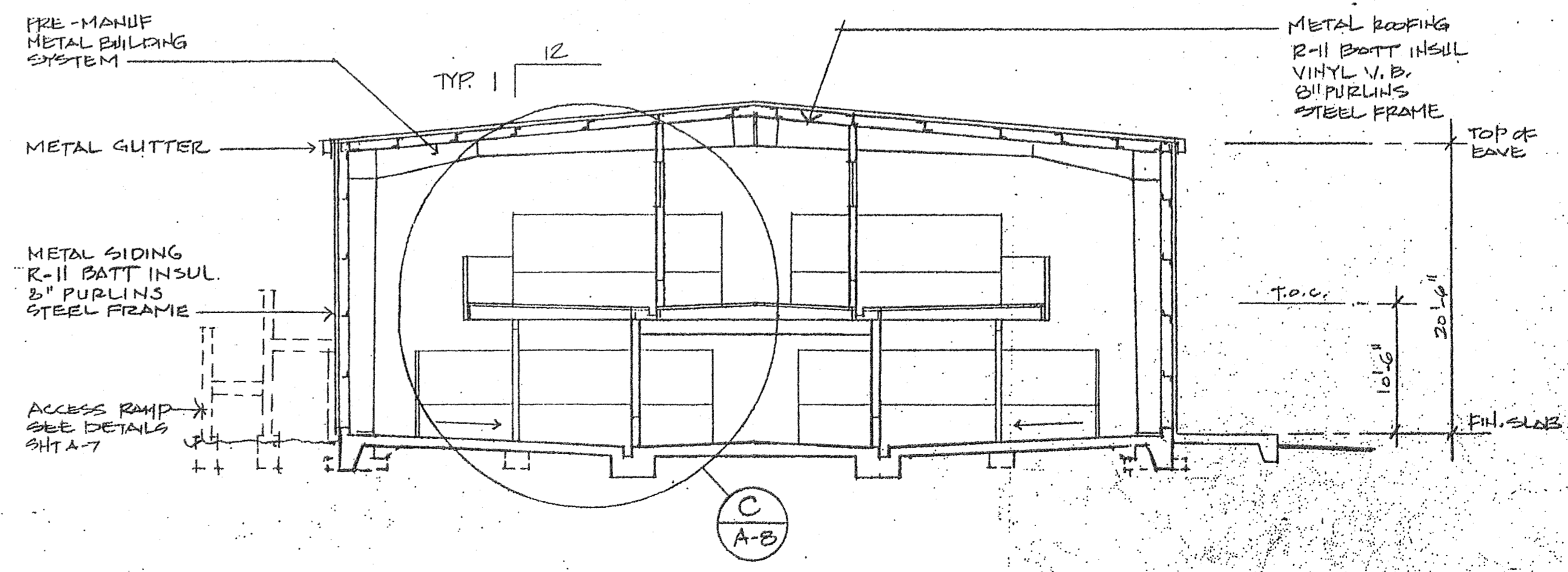


BUILDING SECTION B

1/8" = 1'-0"



1 3/8" = 1'-0"



BUILDING SECTION A

1/8" = 1'-0"

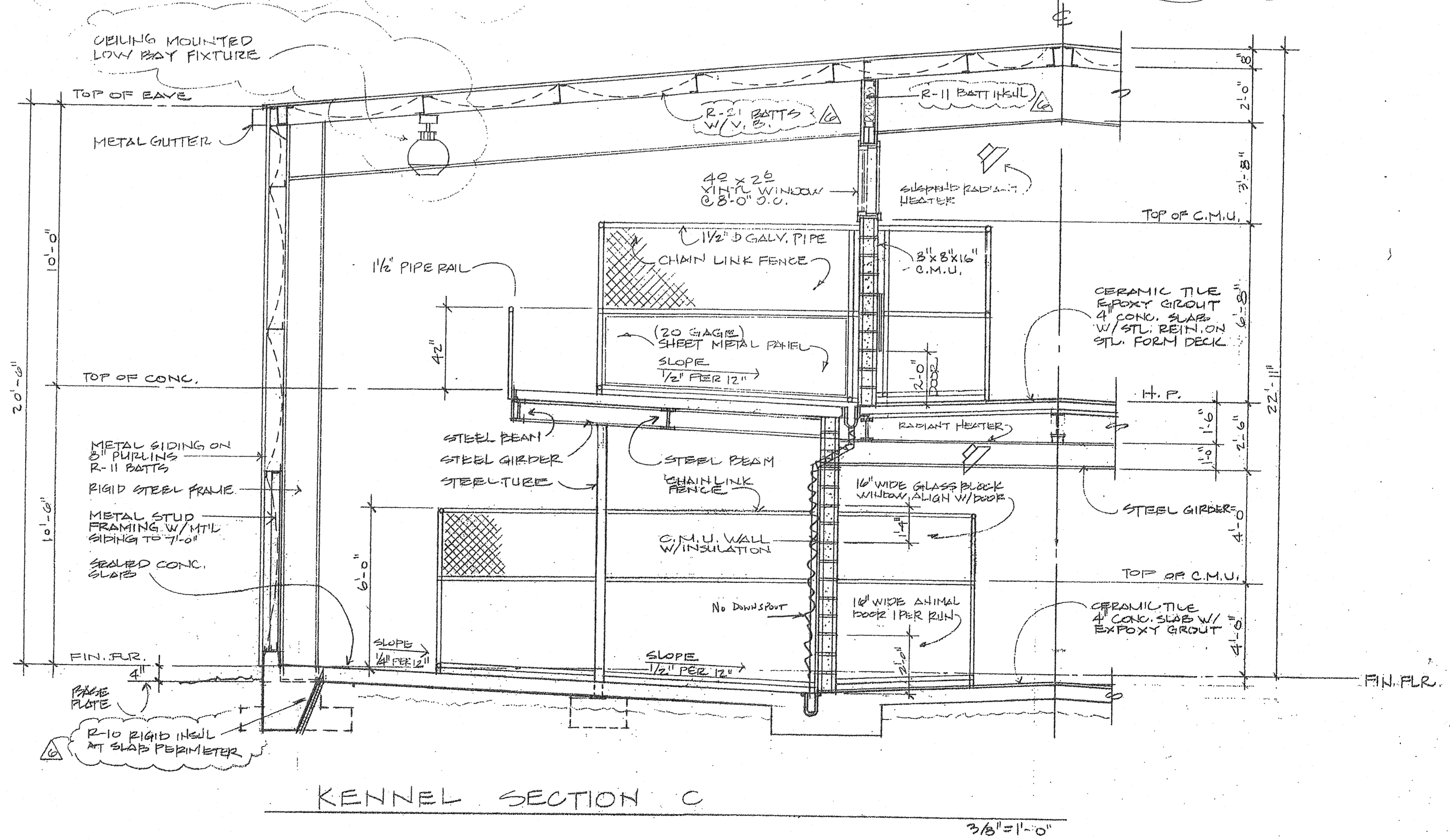
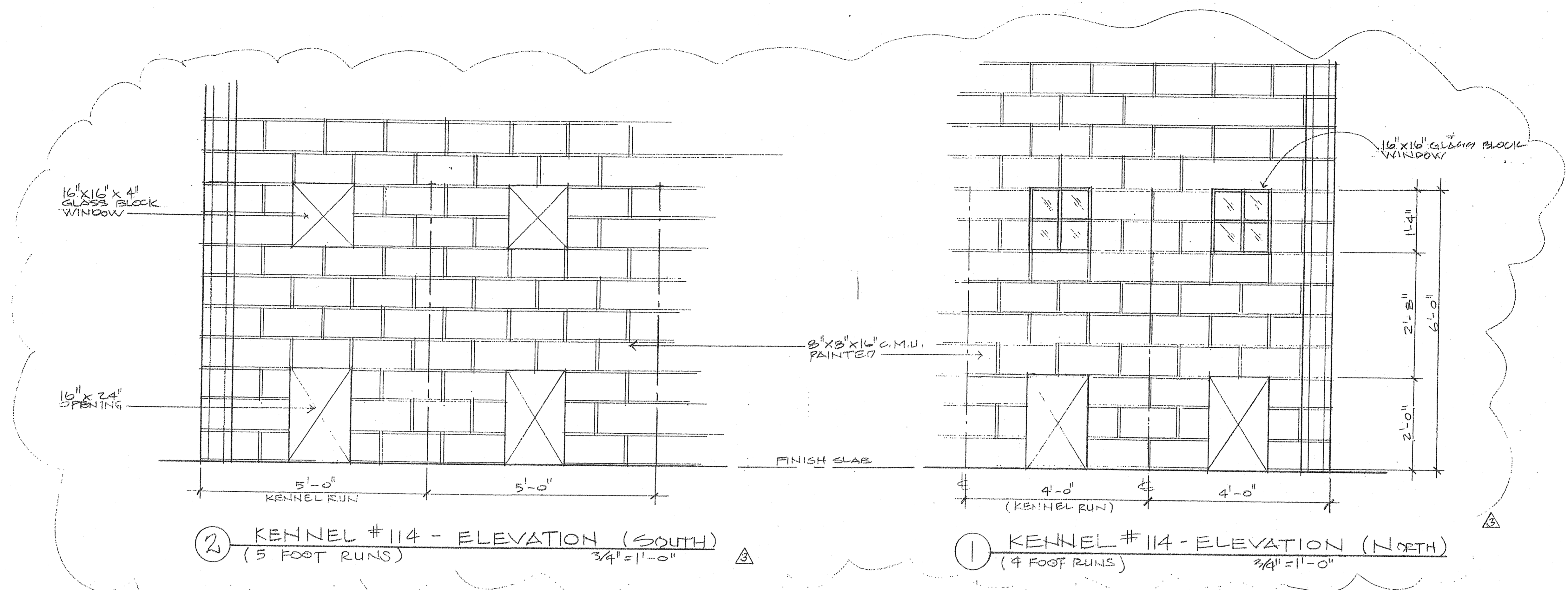
**Atwoods Pet Resort**  
**Remodel & Expansion**  
 Seatac, Washington

REV. 5-25-97  
 REV. 5-12-97  
 REV. 2-17-98  
 THIS DOCUMENT REPRESENTS A PROPRIETARY DESIGN DRAWING BY THE ARCHITECT AND SHALL NOT BE USED ON OTHER PROJECTS OR ADDITIONS TO THIS PROJECT OR FOR COMPLETION OF THIS PROJECT BY OTHERS WITHOUT WRITTEN AGREEMENT IN WRITING.

DATE 3.20.97 JOB NO. 9015

REGISTERED ARCHITECT  
 LeBaron Beard  
 STATE OF WASHINGTON

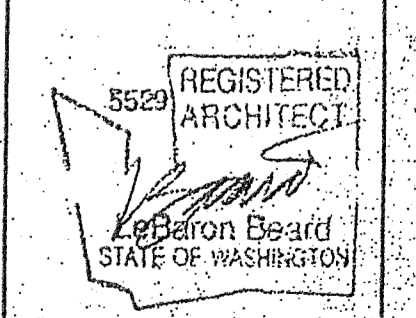
**A-7**  
 SHEET

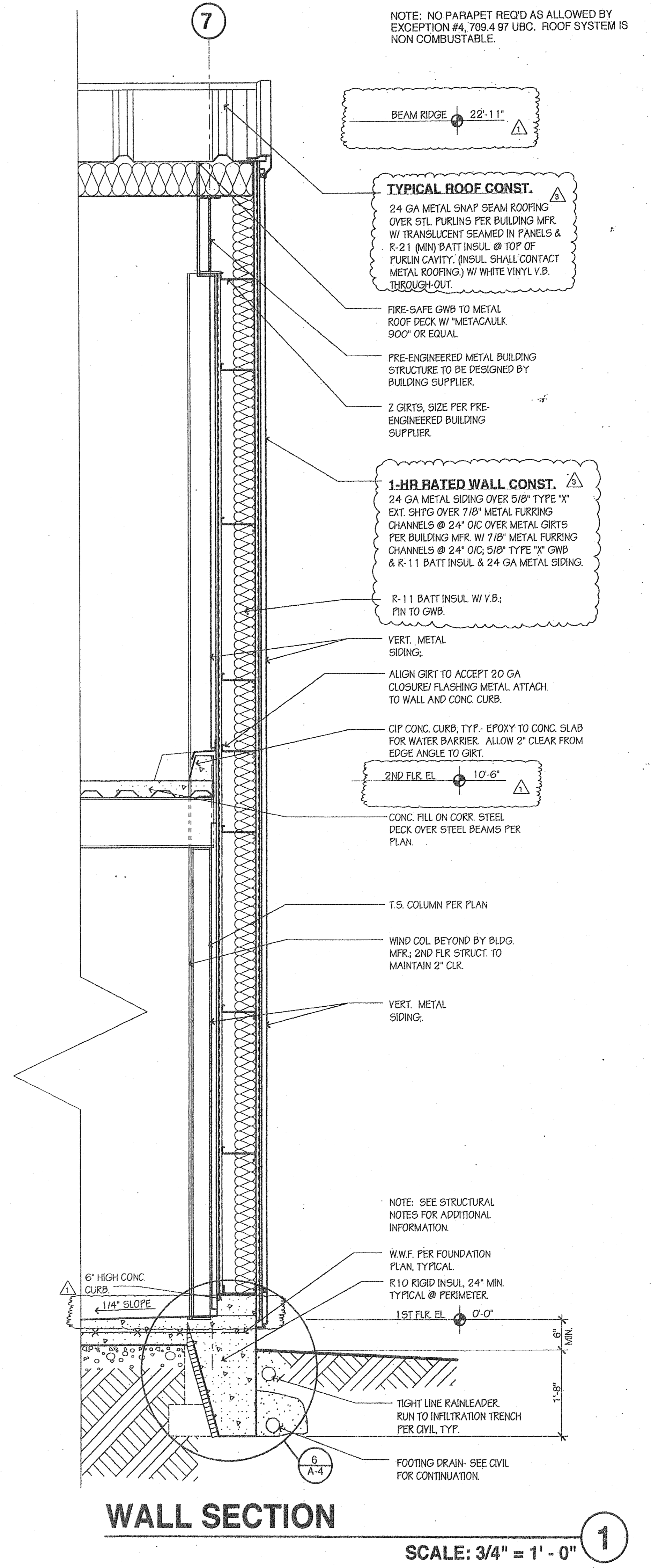
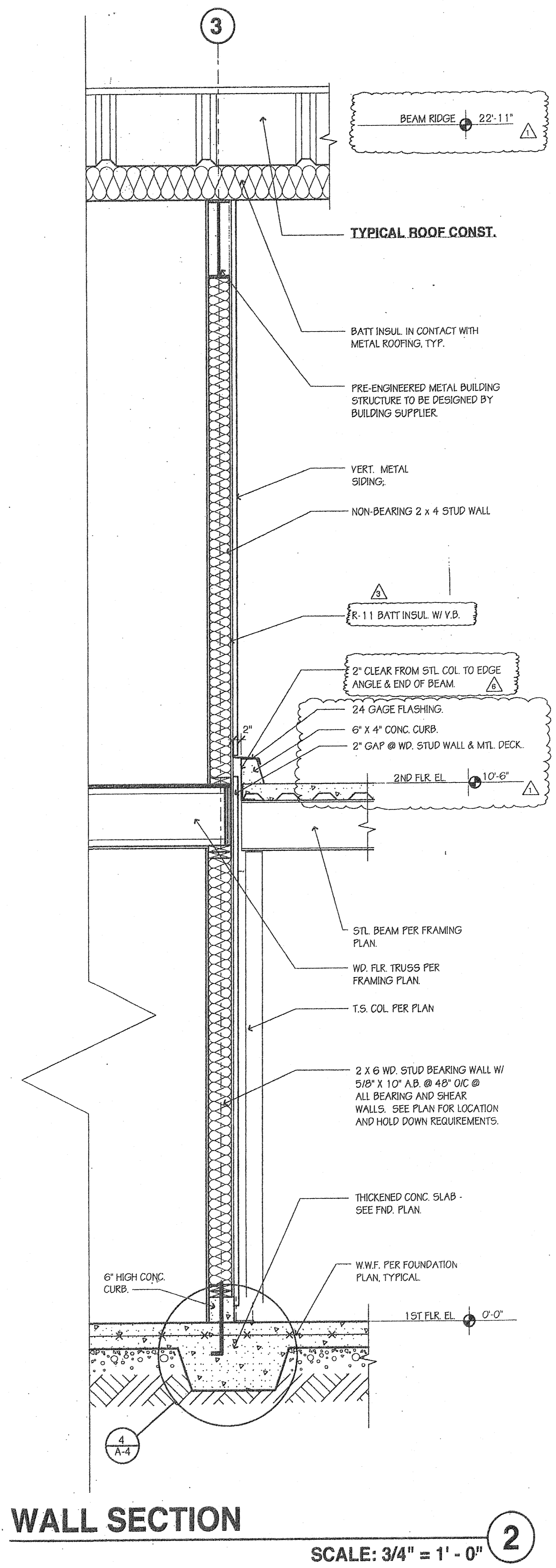
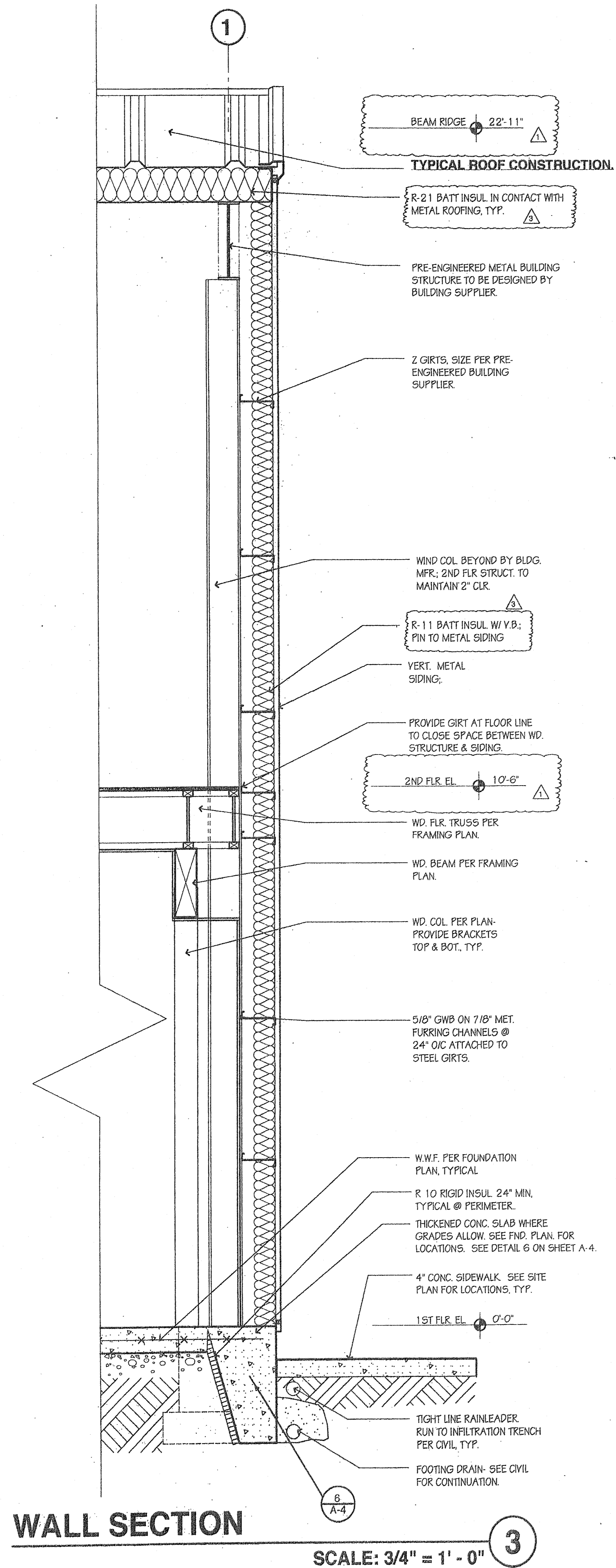


REV. 11-1-99  
REV. 7-14-99  
REV. 5-25-99  
REV. 2-17-98

THIS DOCUMENT REPRESENTS A PROPRIETARY DESIGN OWNED BY THE ARCHITECT AND SHALL NOT BE USED ON OTHER PROJECTS FOR ADDITIONS TO THIS PROJECT OR FOR COMPLETION OF THIS PROJECT BY OTHERS EXCEPT BY PRIOR AGREEMENT IN WRITING.

DATE: 12-11-97  
JOB NO.: 96.15





NOTE: NO PARAPET REQ'D AS ALLOWED BY EXCEPTION #4, 709.4 97 UBC. ROOF SYSTEM IS NON COMBUSTABLE.

**TYPICAL ROOF CONST.**

24 GA METAL SNAP SEAM ROOFING OVER STL. PURLING PER BUILDING MFR. W/ TRANSLUCENT SEAMED IN PANELS & R-21 (MIN) BATT INSUL. @ TOP OF PURLIN CAVITY. (INSUL. SHALL CONTACT METAL ROOFING) W/ WHITE VINYL V.B. THROUGH-OUT.

FIRE-SAFE GWB TO METAL ROOF DECK W/ "METACAULK 900" OR EQUAL.

PRE-ENGINEERED METAL BUILDING STRUCTURE TO BE DESIGNED BY BUILDING SUPPLIER.

Z GIRTS, SIZE PER PRE-ENGINEERED BUILDING SUPPLIER.

**1-HR RATED WALL CONST.**

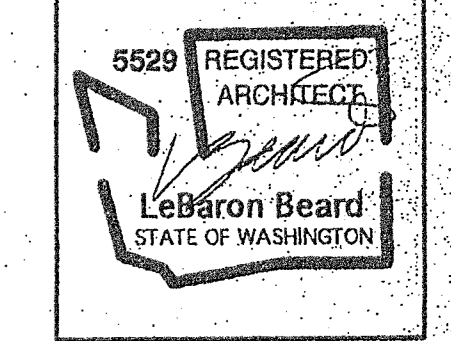
24 GA METAL SIDING OVER 5/8" TYPE "X" EXT. SHTG OVER 7/8" METAL FURRING CHANNELS @ 24" O/C OVER METAL GIRTS PER BUILDING MFR. W/ 7/8" METAL FURRING CHANNELS @ 24" O/C; 5/8" TYPE "X" GWB & R-11 BATT INSUL. & 24 GA METAL SIDING.

R-11 BATT INSUL. W/ V.B.; FIN TO GWB.

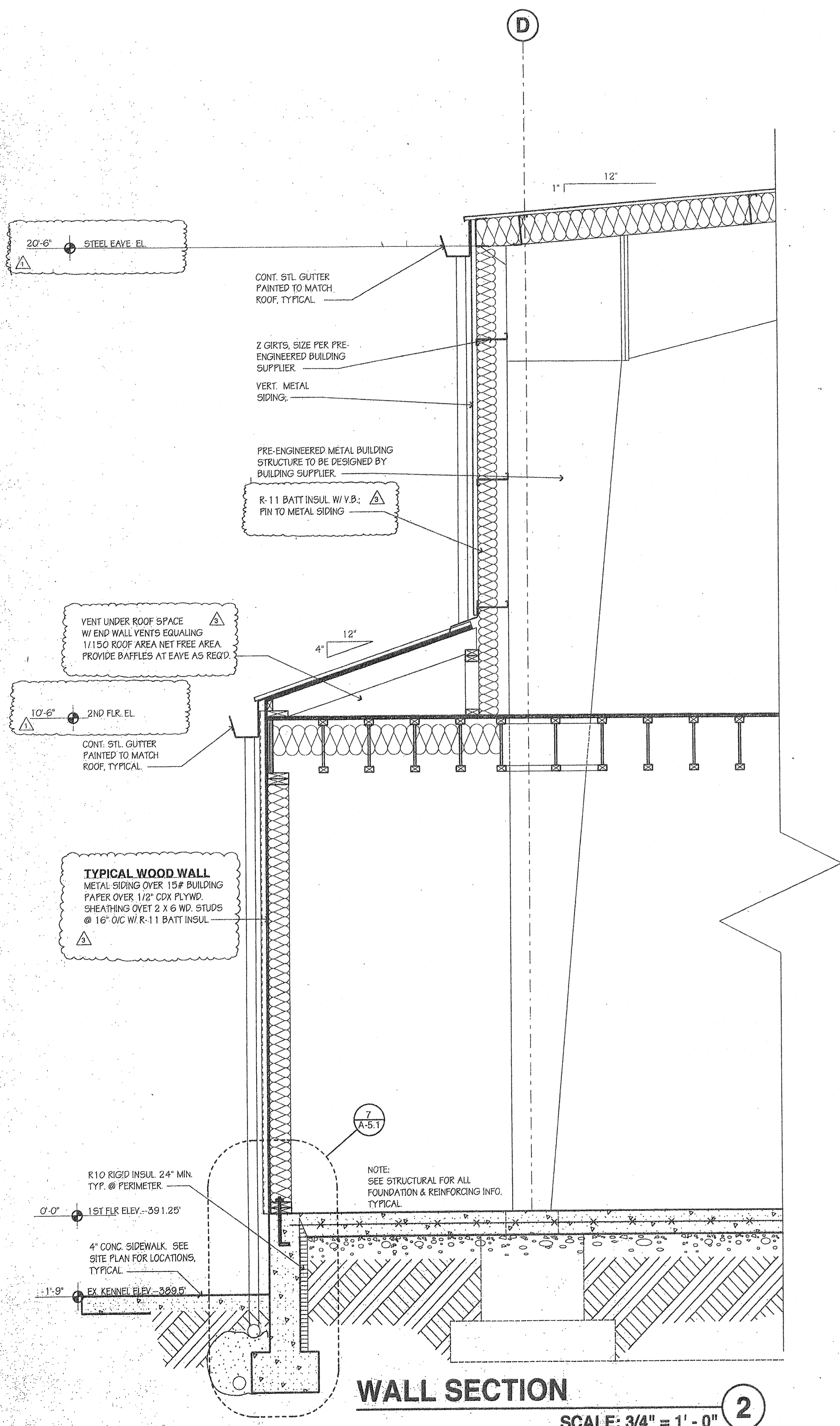
REVISED / DATE
PERMIT 5/25/99
REVIS 6/11/99
REVIS 9/27/99
REVIS 11/17/99
REVIS 11/1/99

THIS DOCUMENT REPRESENTS A PROPRIETARY DESIGN OWNED BY THE ARCHITECT AND SHALL NOT BE USED ON OTHER PROJECTS FOR ANY PROJECTS WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.

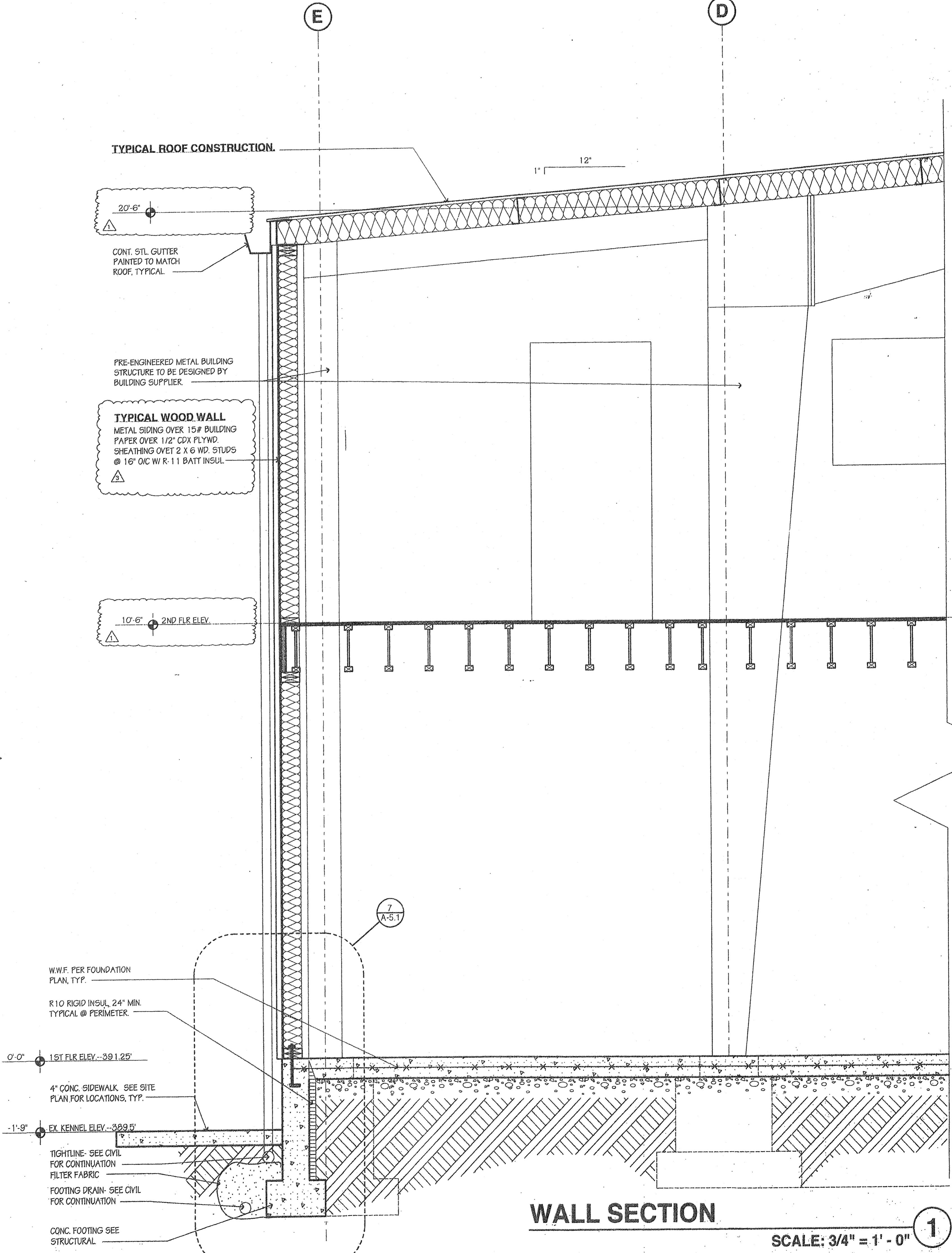
DATE	JOB NO.
5/25/99	96.15







**WALL SECTION 2**  
SCALE: 3/4" = 1' - 0"

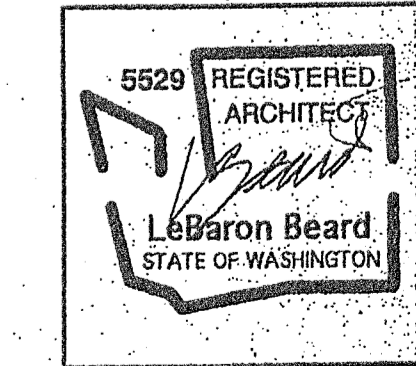


**WALL SECTION 1**  
SCALE: 3/4" = 1' - 0"

REVISED / DATE
PERMIT 5/25/99
△ REVISED 6/11/99
△ REVISED 11/17/99
△ REVISED 11/1/99

THIS DOCUMENT REPRESENTS A PROPRIETARY DESIGN OWNED BY THE ARCHITECT AND SHALL NOT BE USED ON OTHER PROJECTS FOR ANY PURPOSES WITHOUT THE WRITTEN AGREEMENT OF THE ARCHITECT.

DATE	JOB NO.
	96.15



**GENERAL CONSTRUCTION NOTES**

- CODE: BUILDING DESIGNS AND CONSTRUCTION SHALL CONFORM TO THE PROVISIONS OF THE UNIFORM BUILDING CODE, 1997 EDITION, AS ADOPTED BY THE CITY OF SEATAC.
- GENERAL DETAILS: AND NOTES ON THESE SHEETS SHALL APPLY TO ALL CONSTRUCTION UNLESS SPECIFICALLY SHOWN OR NOTED OTHERWISE. CONSTRUCTION DETAILS NOT FULLY SHOWN OR NOTED SHALL BE SIMILAR TO DETAILS SHOWN FOR SIMILAR CONDITIONS.
- DISCREPANCIES: THE CONTRACTOR SHALL INFORM THE ARCHITECT IN WRITING. UPON FINDING ANY DISCREPANCY OR OMISSION IN THE DRAWINGS OR SPECIFICATIONS, OR OF ANY VARIATION NEEDED IN ORDER TO CONFORM WITH ALL APPLICABLE CODES, RULES AND REGULATIONS.
- COORDINATION WITH OTHER TRADES: SEE ARCHITECTURAL, ELECTRICAL, AND MECHANICAL DRAWINGS FOR SIZE AND LOCATION OF PIPE, VENT, DUCT, AND OTHER OPENINGS AND DETAILS NOT SHOWN ON THESE STRUCTURAL DRAWINGS.
- SHORING: IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO DESIGN AND PROVIDE ADEQUATE SHORING, RESHORING, AND BRACING OF THE WORK AS REQUIRED FOR THE PROTECTION OF LIFE AND PROPERTY DURING THE CONSTRUCTION OF THIS BUILDING.
- EXCAVATION: THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL EXCAVATION PROCEDURE INCLUDING LAGGING, SHORING AND PROTECTION OF ADJACENT PROPERTY, STRUCTURES, STREETS, AND UTILITIES.
- SITE VISITS: JOB SITE VISITS BY THE STRUCTURAL ENGINEER OR HIS REPRESENTATIVE DO NOT CONSTITUTE AN OFFICIAL INSPECTION.
- SHOP DRAWING REVIEW: SUBMIT IN ACCORDANCE WITH THE SPECIFICATIONS ONE SET OF COPY AND ONE BLUELINE COPY OF ALL REQUIRED SHOP DRAWINGS. ALL SHOP DRAWINGS SUBMITTED TO THE STRUCTURAL ENGINEER SHALL BEAR THE REVIEW STAMP AND SIGNATURE OF THE GENERAL CONTRACTOR. THE REVIEW OF SHOP DRAWINGS BY THE ENGINEER IS ONLY FOR GENERAL COMPLIANCE WITH THE INTENT OF THE STRUCTURAL DRAWINGS.

**DESIGN CRITERIA**

- VERTICAL LOADS: THE FOLLOWING LOADS ARE IN ADDITION TO THE NORMAL DEAD LOADS OF THE BUILDING STRUCTURE AND ATTACHMENTS.
 

ADDED DEAD LOAD:	PARTITION ALLOWANCE (OFFICE)	20 PSF
DEAD LOAD:	KENNEL MEZANINE	10 PSF
	OFFICE MEZANINE	45 PSF
LIVE LOAD:	OFFICE MEZANINE	50 PSF
	KENNEL MEZANINE	40 PSF
- SEISMIC FORCES: ZONE = 3, Z = 0.30, I = 1.0, S<sub>0</sub> = 0.36, R<sub>s</sub> = 4.5, C<sub>m</sub> = 5.5, OFFICE MEZANINE FORCES: EXPOSURE CLASSIFICATION = B, BASIC WIND SPEED = 80 MPH
- FOUNDATIONS: ASSUMED ALLOWABLE BEARING PRESSURE ON FIRM UNDISTURBED NATURAL GRADE OR COMPACTED STRUCTURAL FILL IS 2000 PSF. ALL FOOTINGS AND GRADE SLABS TO BEAR ON UNDISTURBED NATURAL GRADE OR COMPACTED STRUCTURAL FILL.
- FOUNDATION INSPECTION: FOUNDATIONS SHALL BE REVIEWED BY THE BUILDING OFFICIAL PRIOR TO PLACING THE FOUNDATION CONCRETE.

**DEFERRED SUBMITTALS**

- THE FOLLOWING AREAS OF WORK SHALL BE CONSIDERED AS "DEFERRED SUBMITTALS" AS DEFINED IN SECTION 106.3.4.2 OF THE 1997 UBC.
  - PRE-ENGINEERED METAL BUILDING: DRAWINGS AND CALCULATIONS.
  - PRE-ENGINEERED METAL BUILDING: FIELD WORK AND INSTALLATION.
- ALL DEFERRED SUBMITTALS SHALL BEAR THE STAMP AND SIGNATURE OF A CIVIL ENGINEER LICENSED TO PRACTICE IN THE STATE OF WASHINGTON WHO HAS CURRENT DESIGN EXPERIENCE IN THE TYPE OF WORK REVIEWED.
- THE GENERAL CONTRACTOR SHALL SUBMIT 4 COPIES OF ALL SUBMITTAL DOCUMENTS FOR DEFERRED SUBMITTAL ITEMS TO THE ARCHITECT OR ENGINEER OF RECORD WHO SHALL REVIEW THEM AND FORWARD THEM TO THE BUILDING OFFICIAL WITH A NOTATION INDICATING THAT THEY HAVE BEEN FOUND TO BE IN GENERAL CONFORMANCE WITH THE DESIGN OF THE BUILDING.
- THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THEIR DESIGN AND SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.

**METAL DECKING**

- STANDARDS: DECK DESIGN AND CONSTRUCTION SHALL CONFORM TO THE FOLLOWING STEEL DECK INSTITUTE DOCUMENTS:
  - "SDI" SPECIFICATIONS AND COMMENTARY FOR COMPOSITE STEEL FLOOR DECK.
  - "SDI" SPECIFICATIONS FOR COMMENTARY FOR STEEL ROOF DECK.
  - "SDI" CODE OF RECOMMENDED STANDARD PRACTICE.
- COATING: DECK SHALL BE GALVANIZED BEFORE FORMING IN ACCORDANCE WITH ASTM A952 COATINGS SHALL BE 660 LIGHT COMMERCIAL WITH NOT LESS THAN 0.6002 PER SQ. FT.
- INSPECTION: INSTALL DECK IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND SHOP DRAWINGS. WELDING SHALL CONFORM TO AWS D1.3 "STRUCTURAL WELDING CODE - SHEET STEEL".
- OPENINGS: OPENINGS LESS THAN 6" DO NOT REQUIRE REINFORCING. OPENINGS GREATER THAN 6" SHALL BE REINF. AS SHOWN ON THE DRAWINGS.
- TOUCH-UP: IMMEDIATELY AFTER PLACING DECK, TOUCH-UP WELDS, BURNED AREA AND DAMAGED COATING WITH ZINC CHROMATE PRIMER.

**STRUCTURAL STEEL NOTES**

- REFERENCE STANDARDS: STEEL CONSTRUCTION SHALL CONFORM TO THE AISC "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS", AND THE AISC "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES".
- MATERIALS:
  - STRUCTURAL STEEL: SHAPES AND PLATES SHALL CONFORM TO ASTM A36 UNLESS NOTED OTHERWISE.
  - PIPE COLUMNS: CONFORM TO ASTM A53, GRADE B, TYPE E OR S.
  - STRUCTURAL TUBING: CONFORM TO ASTM A500, GRADE B.
  - BOLTS: CONFORM TO ASTM A307.
  - ANCHOR BOLTS: CONFORM TO ASTM A307 OR A36.
- WELDING: CONFORM TO AWS D1.1 "STRUCTURAL WELDING CODE - STEEL". WELDERS SHALL BE CERTIFIED IN ACCORDANCE WITH AWS REQUIREMENTS. USE E70 ELECTRODES OF TYPE REQUIRED FOR MATERIALS TO BE WELDED.
- FABRICATION: FABRICATION STEEL IN THE SHOP OF A FABRICATOR LICENSED BY THE APPROPRIATE GOVERNMENT AGENCY.
- SHOP PAINTING: STEEL CONCEALED BY BUILDING FINISH OR IN CONTACT WITH CONCRETE NEED NOT BE PAINTED. ALL OTHER STEEL SHALL BE GIVEN ONE COAT OF SHOP PAINT, IN ACCORDANCE WITH SECTION 1.24 OF THE AISC "SPECIFICATIONS" AND SECTION 6.5 OF THE AISC "CODE", UNLESS NOTED OTHERWISE.
- TOLERANCES: THE STEEL FRAME SHALL BE CARRIED UP TRUE AND PLUMB WITHIN THE LIMITS DEFINED IN SECTION 1.11 OF THE AISC "CODE".
- SHOP DRAWINGS: SHOP DRAWINGS SHALL SHOW DIMENSIONS, SIZES, THICKNESSES, GAUGES, FINISHES, JOINTS, ATTACHMENTS, AND RELATIONSHIP OF WORK TO ADJACENT CONSTRUCTIONS. WELDED CONNECTORS AND INSERTS ARE REQUIRED TO RECEIVE WORK. SHOP DRAWINGS SHALL SHOW EXACT LOCATIONS REQUIRED. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION.

**PRE-ENGINEERED METAL BUILDING**

- REFERENCE STANDARDS: METAL BUILDING DESIGN & CONSTRUCTION SHALL CONFORM TO THE FOLLOWING:
  - A.I.S.C. "SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS".
  - A.I.S.C. "SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF COLD-FORMED STRUCTURAL MEMBERS FOR BUILDINGS".
  - M.B.M.A. "RECOMMENDED DESIGN PRACTICES MANUAL (LATEST EDITION)".
  - A.I.S.C. "D1.1" "STRUCTURAL WELDING CODE".
  - UNIFORM BUILDING CODE (1997 EDITION).
- DESIGN CRITERIA: THE METAL BUILDING & ALL ITS COMPONENTS SHALL BE DESIGNED TO SUSTAIN THE FOLLOWING LOADS:
  - ROOF LIVE LOAD: 20 PSF
  - ROOF SNOW LOAD: 25 PSF
  - ROOF COLLATERAL DEAD LOAD: 10 PSF
  - WIND PRESSURES: AS DETERMINED USING PROCEDURES DEFINED IN THE 1997 U.B.C. ASSUMING BASIC WIND SPEED OF 80 MPH AND SITE EXPOSURE CLASSIFICATION "B".
  - SEISMIC LATERAL FORCES AS DETERMINED USING PROCEDURES DEFINED IN THE 1997 U.B.C. FOR SEISMIC ZONE 3.
  - LOAD COMBINATIONS USED TO DESIGN PRIMARY & SECONDARY STRUCTURAL MEMBERS SHALL BE IN ACCORDANCE WITH THE MOST RESTRICTIVE OF THE REFERENCED SPECIFICATIONS.
  - DRIFT SHALL FOLLOW A I.S.C.'S "SERVICEABILITY DESIGN CONSIDERATIONS FOR LOW-RISE BUILDINGS". THE USE OF COMPOSITE STIFFNESS FOR DEFLECTION CALCULATIONS IS PERMITTED ONLY WHEN ACTUAL CALCULATIONS FOR THE STIFFNESS ARE INCLUDED WITH THE DESIGN FOR THE SPECIFIC PROJECT.
- SUBMITTALS: PROVIDE THE FOLLOWING ITEMS TO THE ARCHITECT & ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION.
  - PRODUCT DATA: SUBMIT MANUFACTURER'S PRODUCT INFORMATION, SPECIFICATIONS AND INSTALLATION INSTRUCTIONS FOR BUILDING COMPONENTS AND ACCESSORIES.
  - ERECTION DRAWINGS: SUBMIT COMPLETE ERECTION DRAWINGS SHOWING ROOF FRAMING, TRANSVERSE CROSS SECTIONS, COVERING AND TRIM DETAILS, AND ACCESSORY INSTALLATION DETAILS TO CLEARLY INDICATE PROPER ASSEMBLY OF BUILDING COMPONENTS.
  - CERTIFICATION: SUBMIT WRITTEN LETTER OF CERTIFICATION PREPARED AND SIGNED BY A PROFESSIONAL ENGINEER, REGISTERED TO PRACTICE IN THE STATE OF WASHINGTON, VERIFYING THAT THE BUILDING SYSTEM DESIGN AND METAL ROOF SYSTEM DESIGN (INCLUDING PANEL CLIPS, AND SUPPORT SYSTEM COMPONENTS) MEET INDICATED LOADING REQUIREMENTS AND CODES OF AUTHORITIES HAVING JURISDICTION. THE CERTIFICATION MUST REFERENCE SPECIFIC DEAD LOADS, LIVE LOADS, SNOW LOADS, WIND LOADS / SPEEDS (INCLUDING EDGE ZONE WIND PRESSURES), TRIBUTARY AREA LOAD REDUCTIONS (IF APPLICABLE), CONCENTRATED LOADS, COLLATERAL LOADS, END USE CATEGORIES & GOVERNING CODE BODIES INCLUDING YEAR.

**CONCRETE MASONRY**

- REFERENCE STANDARDS: MASONRY CONSTRUCTION SHALL CONFORM TO CHAPTER 21, "UNIFORM BUILDING CODE" AND ACI 531.1 "SPECIFICATION FOR CONCRETE MASONRY CONSTRUCTION".
- MATERIALS:
  - MASONRY UNITS: CONFORM TO ASTM C90, GRADE N-1 MEDIUM WEIGHT CONCRETE UNITS. MINIMUM COMPRESSIVE STRENGTH SHALL BE 1000 PSI ON THE GROSS AREA AND 1400 PSI ON THE NET AREA.
  - MORTAR: CONFORM TO ASTM C270 TYPE S AND UBC SECTION 2105. PROPORTIONS MAY BE BASED ON LABORATORY OR FIELD EXPERIENCE OR UBC TABLE 21-A. MINIMUM COMPRESSIVE STRENGTH SHALL BE 1800 PSI AT 28 DAYS.
  - GROUT: CONFORM TO ASTM C476 AND UBC SECTION 2105. PROPORTIONS MAY BE BASED ON LABORATORY OR FIELD EXPERIENCE OR UBC TABLE 21-B. MINIMUM COMPRESSIVE STRENGTH SHALL BE 2000 PSI AT 28 DAYS. USE FINE SROUT EXCEPT COARSE SROUT MAY BE USED IN SPACES 4" OR MORE IN BOTH HORIZONTAL DIMENSIONS.
  - REINFORCING: CONFORM TO NOTES FOR "REINFORCING BARS". LAP BARS AT SPICES 40 BAR DIAM. UNO.
- BLOCK PATTERN: USE RUNNING BOND & ALL LOCATIONS UNO. WHERE STACK BOND IS SPECIFIED UNITS SHALL BE OPEN ENDED.
- INSPECTION: CONTINUOUS SPECIAL INSPECTION IS REQ'D FOR ALL MASONRY CONSTRUCTION. INSPECTIONS SHALL CONFORM TO UBC SECTION 2105 AND SECTION 2105.3.4 "UNIT STRENGTH METHOD" TO VERIFY COMPRESSIVE STRENGTH OF THE AS BUILT WALL ASSEMBLIES.
- STRENGTH: ASSUMED ULTIMATE COMPRESSIVE STRENGTH F<sub>m</sub> OF THE CMU ASSEMBLY IS 1500 PSI AT 28 DAYS.

**CONCRETE**

- REFERENCE STANDARDS: CONCRETE CONSTRUCTION SHALL CONFORM TO ACI 308 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS".
- MATERIAL SPECIFICATIONS:
 

CEMENT:	CONFORM TO ASTM C150	AD MIXTURES:	CONFORM TO ACI 301
AGGREGATES:	CONFORM TO ASTM C23	WATER:	CONFORM TO ASTM C674
- CONCRETE REQUIREMENTS:
 

LOCATION	STRENGTH (PSI)	TEST AGE (DAYS)	MAX. SIZE (IN)	MAX. A/C RATIO	AIR %	SLUMP
FTGS & GRADE SLABS	2500	28	1/8"	0.50	#	4"
METAL DECK CONG. FILL	3000	28	7/8"	0.50	#	4"
- MIXING AND PLACING REQUIREMENTS:
  - AIR CONTENT: CONCRETE EXPOSED TO WEATHER SHALL CONTAIN 5% ± 1% ENTRAINED AIR.
  - MIN. DESIGN: SHALL BE BASED ON FIELD EXPERIENCE OR TRIAL MIXTURES IN CONFORMANCE WITH SECTION 1905 OF THE UBC.
- CURING REQUIREMENTS:
  - CURING: CONCRETE SHALL BE MAINTAINED IN A MOIST CONDITION FOR A SUITABLE PERIOD AFTER PLACEMENT, IN ACCORDANCE WITH ACI 301, CHAPTER 12.
  - WEATHER CONDITIONS: ADEQUATE PRECAUTIONS SHALL BE TAKEN DURING HOT AND COLD WEATHER IN ACCORDANCE WITH SECTION 12.3, ACI 301.

**REINFORCING BAR**

- MATERIAL REQUIREMENTS:
  - REINFORCING BARS: USE DEFORMED BARS, CONFORM TO ASTM A615, GRADE 60.
  - WELDED WIRE FABRIC: SMOOTH FABRIC SHALL CONFORM TO ASTM A185.
  - BAR SUPPORTS: CONFORM TO CHAPTER 3, "CRS" MANUAL OF STANDARD PRACTICE". WSP-1.
  - TIE WIRE: WIRE SHALL BE 16" 12 GAUGE OR HEAVIER, BLACK ANNEALED.
- FABRICATION AND PLACING REQUIREMENTS:
  - BENDING: BARS SHALL BE BENT COLD. BARS PARTIALLY EMBEDDED IN CONCRETE SHALL NOT BE FIELD BENT UNLESS NOTED OR SHOWN OTHER WISE.
  - PLACING: PLACE BARS IN ACCORDANCE WITH CRS-1 "PLACING REINFORCING BARS". SUPPORT AND TIE REINFORCING TO PREVENT DISPLACEMENT BY CONSTRUCTION LOADS OR PLACING OF CONCRETE. MAXIMUM SPACING OF SUPPORTS SHALL BE 3'-6".
  - CONCRETE COVER: MINIMUM CONCRETE COVER FOR REINFORCEMENT SHALL BE AS FOLLOWS:
 

CONCRETE CAST AGAINST EARTH	3"
CONCRETE CAST AGAINST FORMS AND EXPOSED TO EARTH OR WEATHER	2"
TIES IN COLUMNS AND BEAMS	1 1/2"
  - NET SETTING: REINFORCEMENT, ANCHOR BOLTS, OR ANY OTHER ITEM EMBEDDED WITHIN CONCRETE, MAY NOT BE SET INTO THE CONCRETE AFTER IT HAS BEEN CAST.
  - LAP WELDED WIRE FABRIC 2 SQUARES MINIMUM. LAP ALL REINFORCING BARS 24" UNO.
  - REINFORCEMENT SHALL BE FREE OF MUD, OIL OR OTHER MATERIALS THAT MAY REDUCE BONDING WITH THE CONCRETE.

**WOOD FRAMING**

- REFERENCE STANDARDS: WOOD CONSTRUCTION SHALL CONFORM TO CHAPTER 23 OF THE UBC AND THE AMERICAN FOREST AND PAPER ASSOCIATION'S "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION".
- MATERIALS SPECIFICATIONS:
  - SAWN LUMBER: CONFORM TO THE WEST COAST LUMBER INSPECTION BUREAU'S "STANDARD GRADING RULES FOR WEST COAST LUMBER NO. 16".
  - GLUE-LAMINATED TIMBER: CONFORM TO THE AMERICAN INSTITUTE OF "TIMBER CONSTRUCTION'S SPECIFICATIONS AITC 111 AND AITC 1190.1".
  - SHEATHING: CONFORM TO THE AMERICAN PLYWOOD ASSOCIATION'S STANDARD PREP-108 "PERFORMANCE STANDARDS AND POLICIES FOR STRUCTURAL-USE PANELS".
  - METAL FRAMING CONNECTORS: METAL FRAMING CONNECTORS SHALL BE AS MANUFACTURED BY THE SIMPSON STRONG TIE COMPANY, AS DESCRIBED WITHIN THEIR CATALOG C-99.
  - PRESERVATIVE TREATMENT: CONFORM TO THE AMERICAN WOOD PRESERVERS BUREAU STANDARD AS FOLLOWS: LP-2 FOR ALL WOOD IN CONTACT WITH CONCRETE OR EXPOSED TO WEATHER. LP-22 FOR ALL WOOD IN CONTACT WITH EARTH OR EMBEDDED IN CONCRETE BELONG GRADE. PREFABRICATED ROOF TRUSSES: SHALL BE DESIGNED BY THE MANUFACTURER IN ACCORDANCE WITH THE TRUSS PLATE INSTITUTE'S TPI-10 "DESIGN SPECIFICATION FOR METAL PLATE CONNECTED WOOD TRUSSES" FOR THE SPANS AND LOADS SHOWN ON THE PLANS.
- MATERIALS REQUIREMENTS:
 

SAWN LUMBER	THICKNESS	SPECIES	GRADE
PLATE	2X	HEM FIR	STUD
STUDS	2X	HEM FIR	NO. 1
JOIST & RAFTERS	2X	HEM FIR	NO. 2
HEADERS & BEAMS	4X & 6X	DOUG FIR	NO. 1
POST & TIMBERS	4X & 6X	DOUG FIR	NO. 1
- SHEATHING:
 

USE	THICKNESS	SPAN RATING	EXPOSURE RATING
WALLS	7/16"	24:0	1
FLOOR	3/4"	40:24	1
- GLUE LAMINATED WOOD MEMBERS:
 

USE	COMBINATION	F <sub>m</sub>	E	E <sub>min</sub>	E <sub>max</sub>
CONTINUOUS MEMBERS	24F-V8	2400 psi	140 psi	1.8x10 <sup>6</sup> psi	650 psi
SINGLE SPAN MEMBERS	24F-V4	2400 psi	120 psi	1.8x10 <sup>6</sup> psi	750 psi
- STAMPS: EACH PIECE SHALL BEAR A STAMP SHOWING THE FOLLOWING: SAWN LUMBER: GRADING ASSOCIATION, MILL NUMBER, GRADE, SPECIES, GLUE LAMINATED TIMBERS: CONFORMANCE TO AITC 1190.1, PERFORMANCE RATED PANELS: PANEL GRADE, SPAN RATINGS, THICKNESS, EXPOSURE CLASSIFICATION, CONFORMANCE TO PREP-108.
- NAILING: PROVIDE MINIMUM NAILING IN CONFORMANCE WITH TABLE 23-1-G OF THE UBC. ALL NAILS SHALL BE COMMON WIRE NAILS UNLESS SPECIFICALLY NOTED OTHERWISE ON THE DRAWINGS.

**PAGE & BEARD**  
ARCHITECTURE & DESIGN, P.S.  
950 FIRST STREET SE.  
KIRKLAND  
WASHINGTON  
98033  
206-827-7860

**Atwoods Pet Resort  
Remodel & Expansion  
Seatac, Washington**

11-1-99 REV.  
5-25-99 REV.

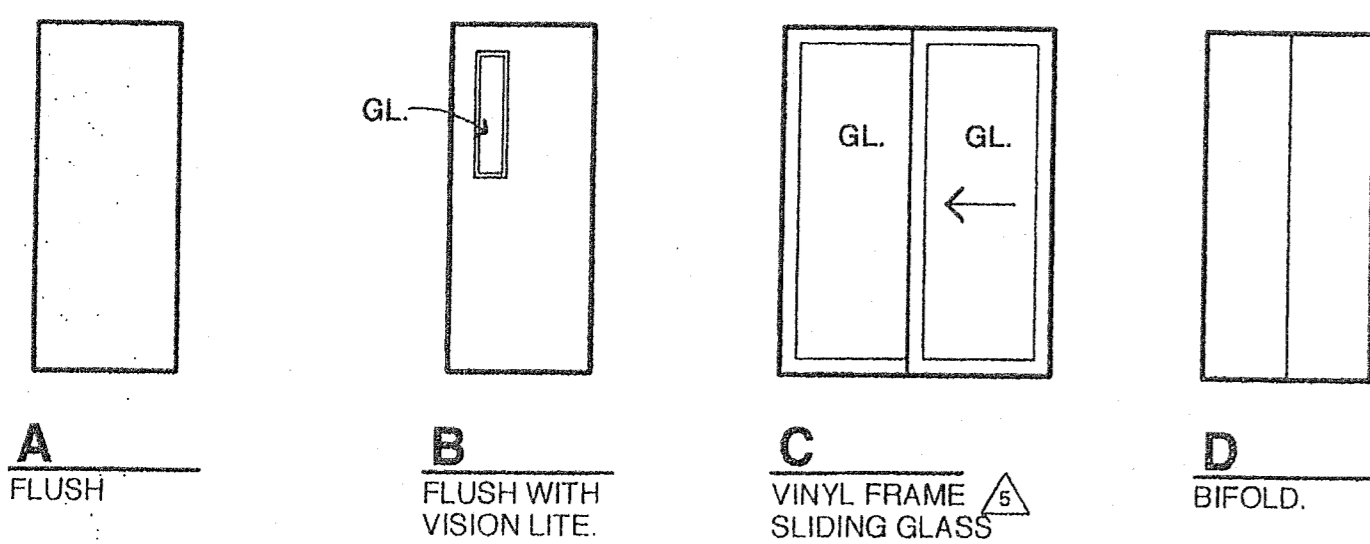
DATE JOB NO.  
5-21-99 96.15

9-18-20

# DOOR SCHEDULE

DOOR NO.	ROOM NAME	TYPE	WIDTH	HEIGHT	THK.	DOOR MATL.	DOOR FINISH	FRAME MATL.	FRAME FINISH	FIRE	HDW. GRP.	REMARKS
1	RECEPTION 101											
2	CATERY 102		3'-0"	6'-8"	1 3/4"	WD.	STAIN	WD.	STAIN			\$2,000 ALLOWANCE (WHOLE SYSTEM)
3	SPECIAL CARE 103		3'-0"	6'-8"	1 3/4"	WD.	STAIN	WD.	STAIN			\$400 ALLOWANCE- DOOR & HARDWARE
4	JANITOR 112	A	3'-0"	6'-8"	1 3/4"	WD.	STAIN	WD.	STAIN			\$400 ALLOWANCE- DOOR & HARDWARE
5	KENNEL 113		3'-0"	6'-8"	1 3/4"	WD.	STAIN	WD.	STAIN			
6	OFFICE 104		3'-0"	6'-8"	1 3/4"	WD.	STAIN	WD.	STAIN			\$400 ALLOWANCE- DOOR & HARDWARE
7	GROOMING 105	B	3'-0"	6'-8"	1 3/4"	HM	PAINT	HM	PAINT			\$400 ALLOWANCE- DOOR & HARDWARE
8	DRYING 106	B	3'-0"	6'-8"	1 3/4"	HM	PAINT	HM	PAINT			
9	BATHING 107	A	3'-0"	6'-8"	1 3/4"	WD.	PAINT	WD.	PAINT			POCKET DOOR
10	CORRIDOR 108	B	3'-0"	7'-0"	1 3/4"	HM	PAINT	HM	PAINT			
11	WORK ROOM 109	B	3'-0"	6'-8"	1 3/4"	WD.	PAINT	WD.	PAINT			180° SWING
12	TOILET 110	A	3'-0"	6'-8"	1 3/4"	WD.	PAINT	WD.	PAINT			
13	ROOM 115	A	3'-0"	7'-0"	1 3/4"	HM	PAINT	WD.	PAINT			INSULATED
14	FOOD PREP 109	B	3'-0"	7'-0"	1 3/4"	WD.	PAINT	WD.	PAINT			180° SWING
15	UTILITY 111	A	3'-0"	6'-8"	1 3/4"	HM	PAINT	WD.	PAINT			
16	KENNEL 113	C	6'-0"	6'-8"		VINYL	F.F.	VINYL	ANOD			PR. SLIDING GLASS
17	KENNEL 113	C	6'-0"	6'-8"		VINYL	F.F.	VINYL	ANOD			PR. SLIDING GLASS
18	KENNEL 113	C	6'-0"	6'-8"		VINYL	F.F.	VINYL	ANOD			PR. SLIDING GLASS
19	KENNEL 113	C	6'-0"	6'-8"		VINYL	F.F.	VINYL	ANOD			PR. SLIDING GLASS
20	KENNEL 113	C	6'-0"	6'-8"		VINYL	F.F.	VINYL	ANOD			PR. SLIDING GLASS
21	KENNEL 114	B	3'-0"	6'-8"	1 3/4"	WD.	PAINT	WD.	PAINT			
22	RECEPTION 101	B	3'-0"	6'-8"	1 3/4"	WD.	STAIN	WD.	STAIN			
23	ROOM 115	B	3'-0"	6'-8"	1 3/4"	WD.	PAINT	WD.	PAINT			
24	ROOM 115	A	3'-0"	6'-8"	1 3/4"	WD.	PAINT	WD.	PAINT			
25	ROOM 115											
26	KENNEL 114	B	3'-0"	6'-8"	1 3/4"	HM	PAINT	HM	PAINT			\$2,000 ALLOWANCE (WHOLE SYSTEM)
27	ROOM 115	A	3'-0"	7'-0"	1 3/4"	HM	PAINT	HM	PAINT			
28												
29	ROOM 206	B	3'-0"	6'-8"	1 3/4"	HM	PAINT	HM	PAINT			
30	ROOM 209	A	3'-0"	7'-0"	1 3/4"	HM	PAINT	HM	PAINT			INSULATED
31	KENNEL 205	B	3'-0"	6'-8"	1 3/4"	HM	PAINT	HM	PAINT			
32	ROOM 206	B	3'-0"	6'-8"	1 3/4"	WD.	PAINT	WD.	PAINT			PAIR OF DOORS
33	ROOM 206	B	3'-0"	6'-8"	1 3/4"	WD.	PAINT	WD.	PAINT			PAIR OF DOORS
34	KENNEL 205	B	3'-0"	6'-8"	1 3/4"	HM	PAINT	HM	PAINT			
35	ROOM 206	A	3'-0"	7'-0"	1 3/4"	HM	PAINT	HM	PAINT			
36	MECH 210	A	3'-0"	6'-8"	1 3/4"	HM	PAINT	HM	PAINT			EXTEND DOOR THRESHOLD 3 1/2" BEYOND INSIDE OF GIRT
37	STAIR 201	A	3'-0"	6'-8"	1 3/4"	HM	PAINT	HM	PAINT			
38	STAIR 201	A	3'-0"	6'-8"	1 3/4"	HM	PAINT	HM	PAINT			

## DOOR TYPES



### NOTE:

- ALL GLAZING IN EXT. DOORS SHALL BE DOUBLE INSUL. SAFETY GLASS.
- ALL DOOR GLAZING SHALL MEET REQUIREMENTS OF 1997 U.B.C. SECTION 2406.

# ROOM FINISH SCHEDULE

ROOM NUMBER AND NAME	FLOOR	Base	TRIM	WALL								CEILING			REMARKS			
				NORTH	EAST	SOUTH	WEST	MAT	FIN.	HGT.	VARIABLES							
RECEPTION 101				CONC. CTU-1	VB	WD	GWB	LP	GWB	LP	GWB	LP	GWB	LP	ACT	FF	8'-0"	WOOD TRIM BEAMS TO 7'-6" ABOVE FINISH FLOOR.
CATERY 102				CONC. CTU-1	VB		GWB	LP	GWB	LP	GWB	LP	GWB	LP	ACT	FF	8'-0"	
SPECIAL CARE 103				CONC. CTU-1	VB		GWB	LP	GWB	LP	GWB	LP	GWB	LP	ACT	FF	8'-0"	
OFFICE 104				CONC. CPT	VB		GWB	LP	GWB	LP	GWB	LP	GWB	LP	ACT	FF	8'-0"	
GROOMING 105				CONC. HSV	VB		GWB	LP	GWB	LP	GWB	LP	GWB	LP	ACT	FF	8'-0"	
DRYING 106				CONC. CS	VB		GWB	LE	GWB	LE	GWB	LE	GWB	LE	GWB	LE	8'-4"	6" VINYL BASE
BATHING 107				CONC. CS	VB		GWB	LE	GWB	LE	GWB	LE	GWB	LE	GWB	LE	8'-4"	6" VINYL BASE
CORRIDOR 108				CONC. HSV	VB		GWB	LP	GWB	LP	GWB	LP	GWB	LP	GWB	LP	8'-4"	
FOOD PREP 109				CONC. HSV	VB		GWB	LP	GWB	LP	GWB	LP	GWB	LP	GWB	LP	8'-4"	
UTILITY 111				CONC. CS	VB		GWB	LP	GWB	LP	GWB	LP	GWB	LP	GWB	LP	8'-4"	
JANITOR 112				CONC. CTU-1	VB		GWB	LE	GWB	LE	GWB	LE	GWB	LE	GWB	LE	8'-4"	6" VINYL BASE / EPOXY PAINT TO 4'-0" HT.
KENNEL 113				CONC. CTU-1	VB		GWB	LE	GWB	LE	GWB	LE	GWB	LE	GWB	LE	8'-4"	PLYWOOD WAINSCOT TO 4'-0" PLAM FINISH-SUITES ONLY, EPOXY GROUT W/MEMBRANE
KENNEL 114				CONC. CTU-2			CMU-1	CS	CMU-1	CS	CMU-1	CS	CMU-1	CS	CMU-1	CS	8'-4"	EPOXY GROUT W/MEMBRANE
ROOM 115				CONC. CS	VB		PLY	PL	PLY	PL	PLY	PL	PLY	PL	PLY	PL	8'-4"	PLYWOOD WAINSCOT TO 6'-0" CORRUGATED METAL FINISH (OMIT @ CMU WALL)
EXIST. KENNEL 116				CONC.														CLEAN / PATCH & RESEAL EXISTING CONCRETE
STAIR 201				PLY. RP	RUBB		GWB	LP	GWB	LP	GWB	LP	GWB	LP	GWB	LP	9'-0"	SAFETY TREAD TYPICAL
ROOM 203				PLY.			GWB		GWB		GWB		GWB		GWB			PREP WALLS FOR PAINT
CLOSET 204				PLY. HSV	VB		GWB	LP	GWB	LP	GWB	LP	GWB	LP	GWB	LP	8'-0"	
KENNEL 205				SD/ CONC. CTU-2			CMU-1	CS	CMU-1	CS	CMU-1	CS	CMU-1	CS	CMU-1	CS		CMU WAINSCOT TO 6'-0" CORRUGATED METAL FINISH @ WD STUD WALL, GWB ABOVE, EPOXY GROUT W/MEMBRANE
ROOM 206				CONC. CS			CMU-1	CS	CMU-1	CS	CMU-1	CS	CMU-1	CS	CMU-1	CS		
ROOM 209				PLY. HSV	VB		GWB	LP	GWB	LP	GWB	LP	GWB	LP	GWB	LP		SLOPE
ROOM 210				PLY.			GWB		GWB		GWB		GWB		GWB		8'-0"	

### LEGEND

ACOUSTICAL CEILING TILE	ACT	FABRIC ACOUSTIC PANELS	FAP
CARPET	CPT	FACTORY FINISH	FF
CERAMIC TILE GLAZED	CTG	GLASS	GL
CONC MASONRY UNIT	CMU	GIPSUM WALL BOARD	GWB
CONCRETE SEMI SMOOTH	CONC-2	LATEX ENAMEL	LE
TROWEL FINISH		LATEX PAINT	LP
CONCRETE SMOOTH TROWEL	CONC-1	METAL	MTL
FINISH		PAINTED FLAT	PF
CONC SEALER	CS	PAINTED SATIN	PS
THIN SET UNGLAZED CERAMIC	CTU-1	PAINTED SEMI-GLOSS	PSG
TILE F.B.O.I.C.		PLASTIC LAMINATE	PL
THIN SET UNGLAZED CERAMIC	CTU-2	PLYWOOD	PLYW
TILE F.B.O.I.C.		RUBBER BASE	RB
GROUND FACE DRY BLOCK	CMU-1	RUBBER FLOORING	RF
CMU STANDARD GRAY	CMU-2	HEAT SEALED VINYL	HSV
CMU SEALER	CMU-S	WAINSCOT	WCT
CMU PAINT	CMU-P	WOOD	WD
		STEEL DECKING	SD
		TORINOL	TOR
		VINYL BASE	VB

### NOTE:

ALL CERAMIC TILE TO BE SUPPLIED BY OWNER  
 INSTALLED BY CONTRACTOR  
 EPOXY GROUT OVER MEMBRANE IN KENNEL AREAS,  
 STANDARD GROUT NO MEMBRANE OTHER AREAS U.N.O.

# WINDOW SCHEDULE

WINDOW TYPE	WIDTH	HEIGHT	FRAME	FINISH	REMARKS
A	3'-4"	3'-6"	VINYL	F.F.	
---	---	---	---	---	
C	1'-6"	5'-0"	VINYL	F.F.	DIVIDED LITES
D	3'-4"	3'-6"	VINYL	F.F.	SIMULATED DIVIDED LITES
E	3'-4"	5'-0"	VINYL	F.F.	SIMULATED DIVIDED LITES
F	4'-0"	2'-6"	VINYL	F.F.	INTERIOR RE-LITE NOT INSULATED
G	2'-0"	3'-6"	VINYL	F.F.	INTERIOR RE-LITE NOT INSULATED
H	4'-0"	3'-6"	VINYL	F.F.	INTERIOR RE-LITE NOT INSULATED

### NOTE:

- ALL WINDOWS TO BE DOUBLE GLAZED INSULATED, U.N.O.
- ALL WINDOWS WILL COMPLY WITH 1997 U.B.C. SECTION 2406
- WINDOWS H & G @ CATTERY #102 & KENNEL #113 SHALL HAVE DECORATIVE GLASS BY OWNER.

**PAGE & BEARD**

PAGE & BEARD  
 ARCHITECTURE & DESIGN, P.S.

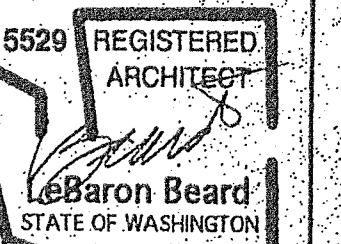
910 MARKET STREET  
 KIRKLAND  
 WASHINGTON, 98033  
 425-827-7850  
 FAX# 425-827-7014  
 E-MAIL: info@pageandbeard.com

**Atwoods Pet Resort**  
**Remodel & Expansion**  
 2040 South 142nd Street  
 Seatac, Washington 98168

REVISED / DATE
PERMIT 5/25/99
△ REVISED 6/11/99
△ REVISED 7/14/99
△ REVISED 9/27/99
△ REVISED 11/8/99
△ REVISED 11/1/99

THIS DOCUMENT REPRESENTS A PROPRIETARY DESIGN OWNED BY THE ARCHITECT AND SHALL NOT BE USED ON OTHER PROJECTS FOR ANY PART OF THIS PROJECT OR FOR COMPLETION OF THIS PROJECT BY OTHERS EXCEPT BY PRIOR AGREEMENT IN WRITING.

DATE	JOB NO.
5/12/99	96.15



FINISH SCHEDULE, DOOR & WINDOW SCHEDULE

A - 12

SHEET