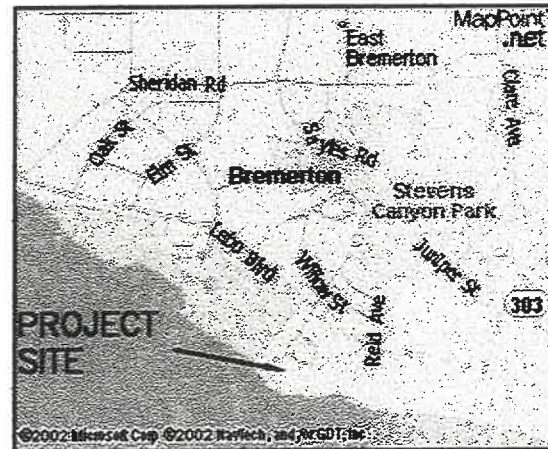
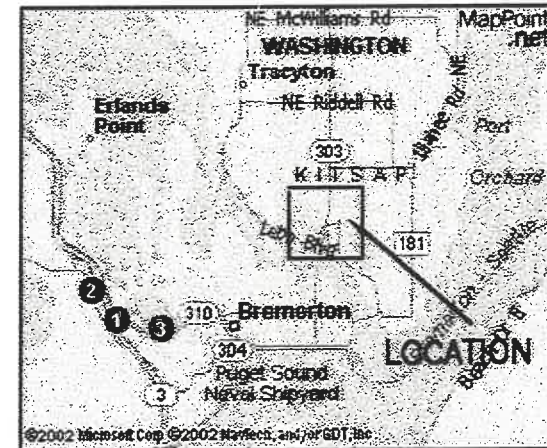


# NEW STEEL BUILDING EASTSIDE TREATMENT FACILITY

## PERMIT DRAWINGS



LOCATION



VICINITY

**ENGINEER:**  
H David Jeter  
7361 Old Redmond Road  
Redmond, WA 98052  
(425) 882- 3519

**SUBMITTED BY:**  
City of Bremerton Waste Water Utility  
1600 Oyster Bay Drive  
Bremerton, Wa 98312  
Pat Coxon

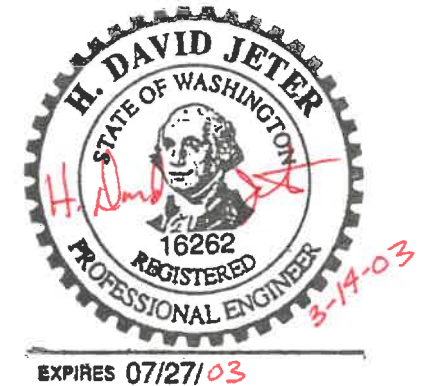
**DRAWN BY:**  
Pat Drebeck  
Design-Build Services  
4104 Chrey Lane  
Bremerton, WA 98312  
360 710 3340

## SHEET INDEX

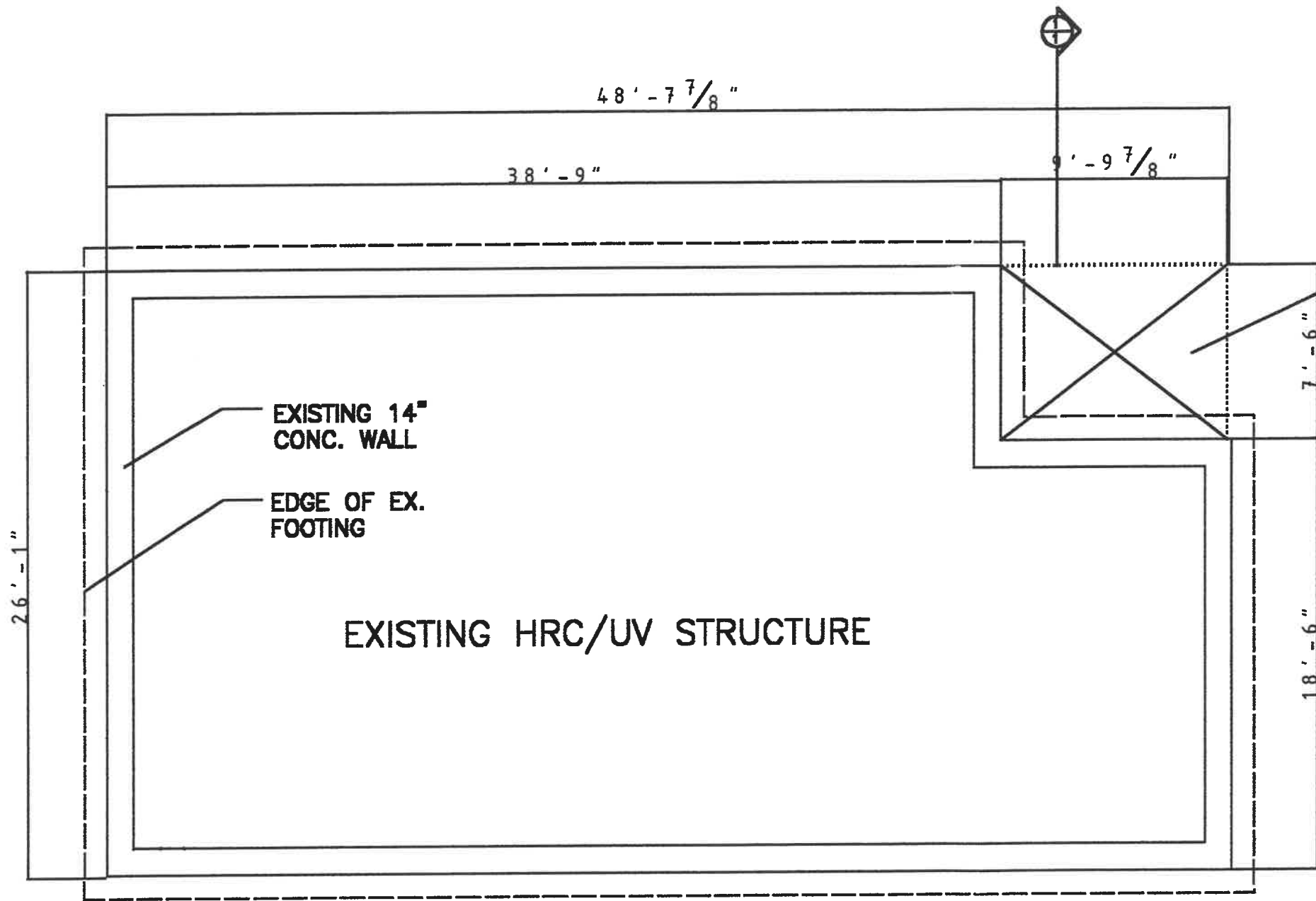
SHEET 1	FOUNDATION PLAN
SHEET 2	FLOOR PLAN
SHEET 3	ELEVATIONS
SHEET 4	BUILDING SECTION/ROOF PLAN
SHEET 5	BUILDING SECTIONS
SHEET 6	BUILDING SECTIONS 2

PERMIT DRAWINGS:  
DATE: 3/13/ 2003

RECEIVED  
MAR 19 2003  
BREMERTON  
BUILDING DEPARTMENT



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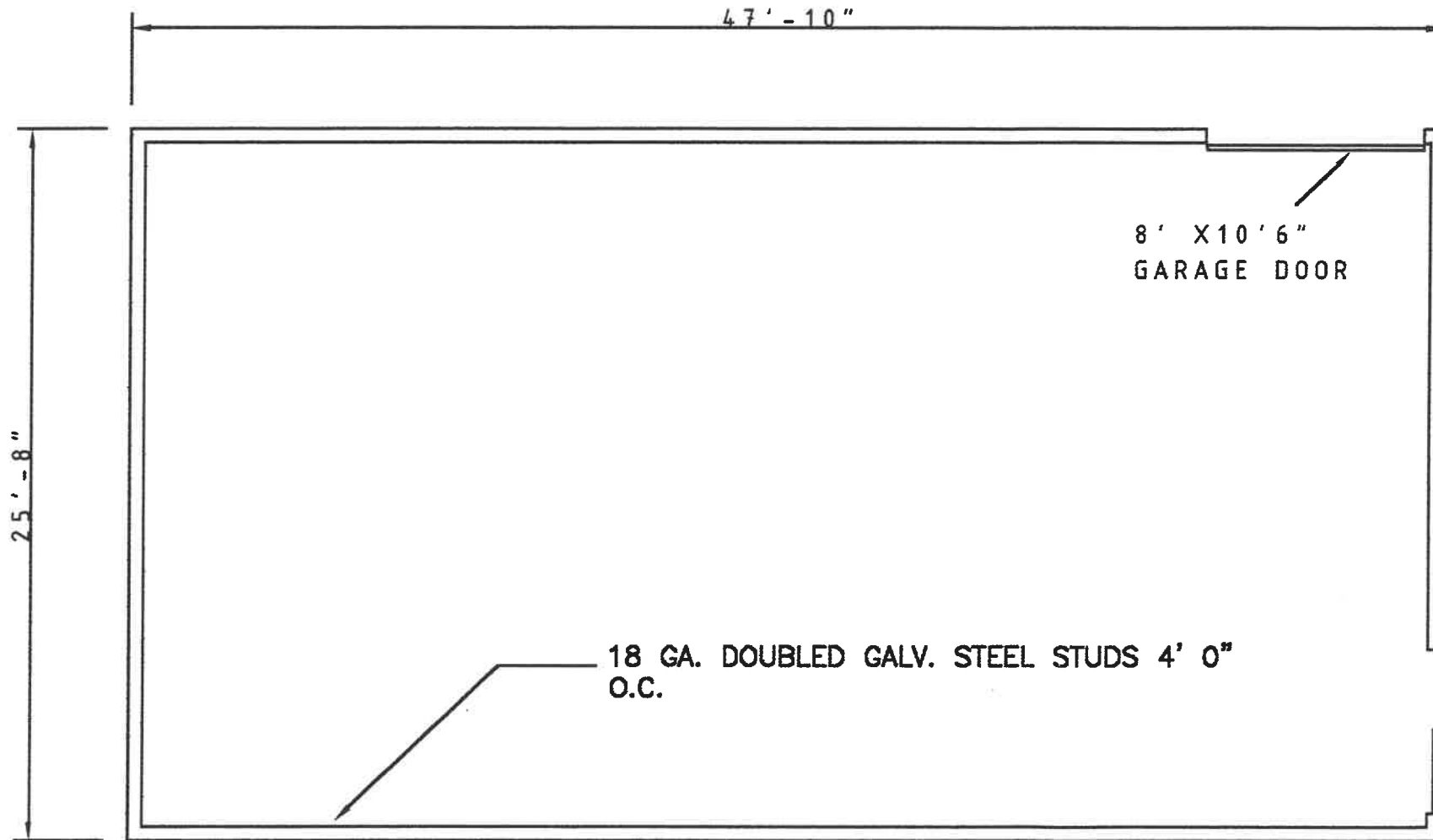


CONSTRUCT NEW 6" CONC. SL  
 MIN. COMP. STRENGTH 4000#,  
 4 GR. 60 REBAR 12" O.C.  
 CONSTRUCT INTEGRAL FOOTING  
 1' 6" X 1' 6" W/ 3 HOR. No  
 REBAR CONTINUOUS, EPOXY 1/  
 STEEL DOWELS INTO EXISTING  
 FOUNDATION



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FOUNDATION PLAN—EXISTING/ADDITION



6" WALL, 18G. GALV.  
STEEL STUD  
48" O.C.

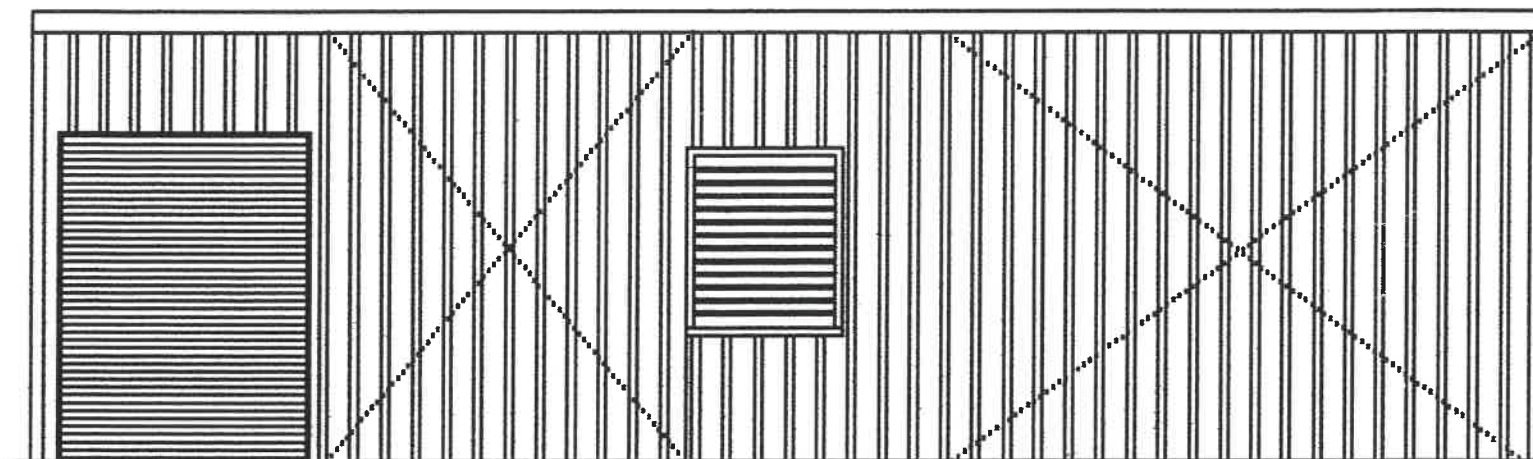
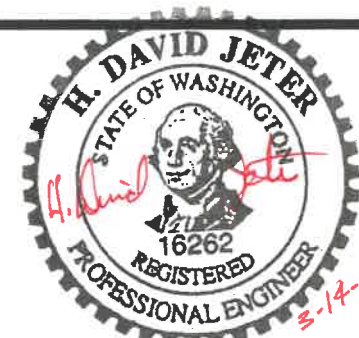


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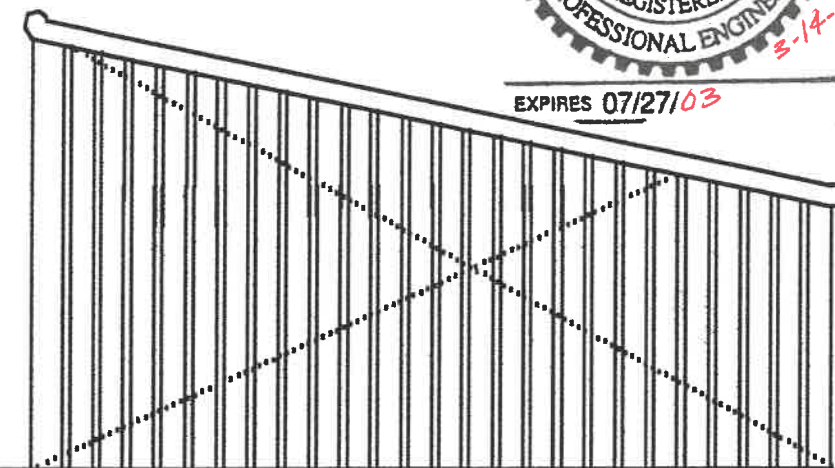
6' 0" x 7' 0" H.M. DOOR  
ONE DOOR ACTIVE, INSTALL  
AUTOMATIC FLUSH BOLTS &  
ASTRAGAL ON INACTIVE DOOR  
PROVIDE CLOSER

FLOOR PLAN

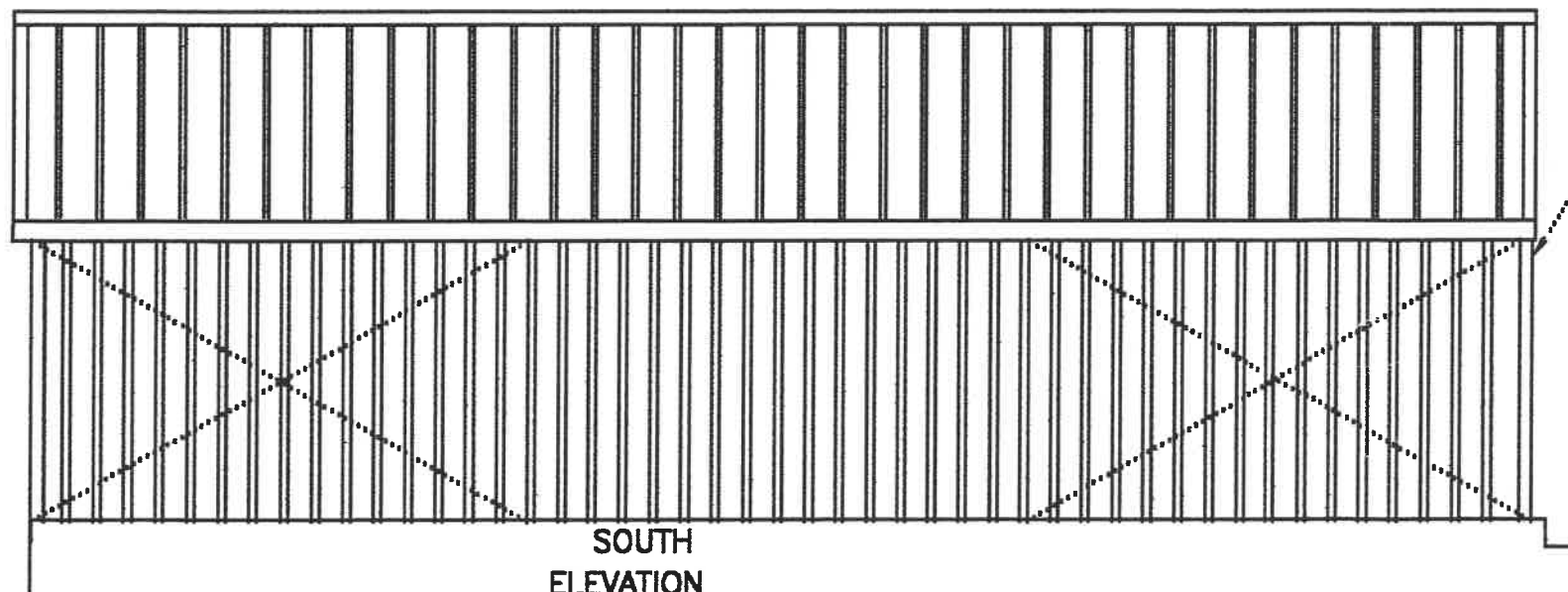
SHEET 2



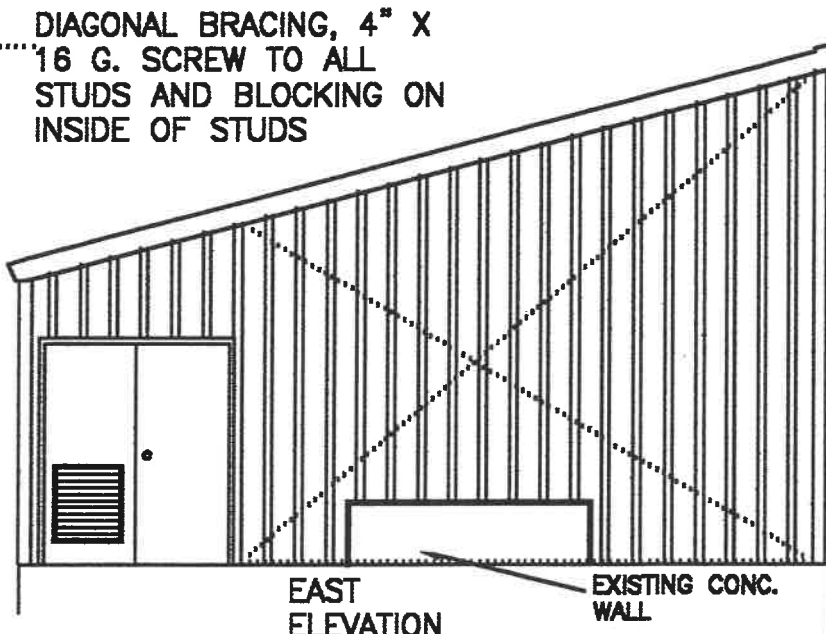
NORTH  
ELEVATION



WEST  
ELEVATION



SOUTH  
ELEVATION



EAST  
ELEVATION

EXISTING CONC.  
WALL

ELEVATION SHEET

SHEET

3



4" X 16 GA. GALV. STEEL DIAGONAL BRACING ON TOP OF RAFTERS, ATTACH TO EACH RAFTER W/ #12 X 3/4 TEK SCREWS CROSSING

12G. GALV STEEL RIM RAFTER

4" GALV. STEEL Z PURLINS W/ 2 1/2" FLANGES, 48" O.C.

12" X 14 GA. GALV. STEEL RAFTER C SECTION W/ 3" FLANGE, COMBINE W/ 12 TRACK TO MAKE BOX SECTION, 48" O.C.

24G. CONCEALED CLIP STRUCTURAL STEEL PANEL, MECHANICAL SEAM, MATCH COLOR OF EX. BLDG.

GALV. STEEL Z PURLINS 18g. 48" O.C.

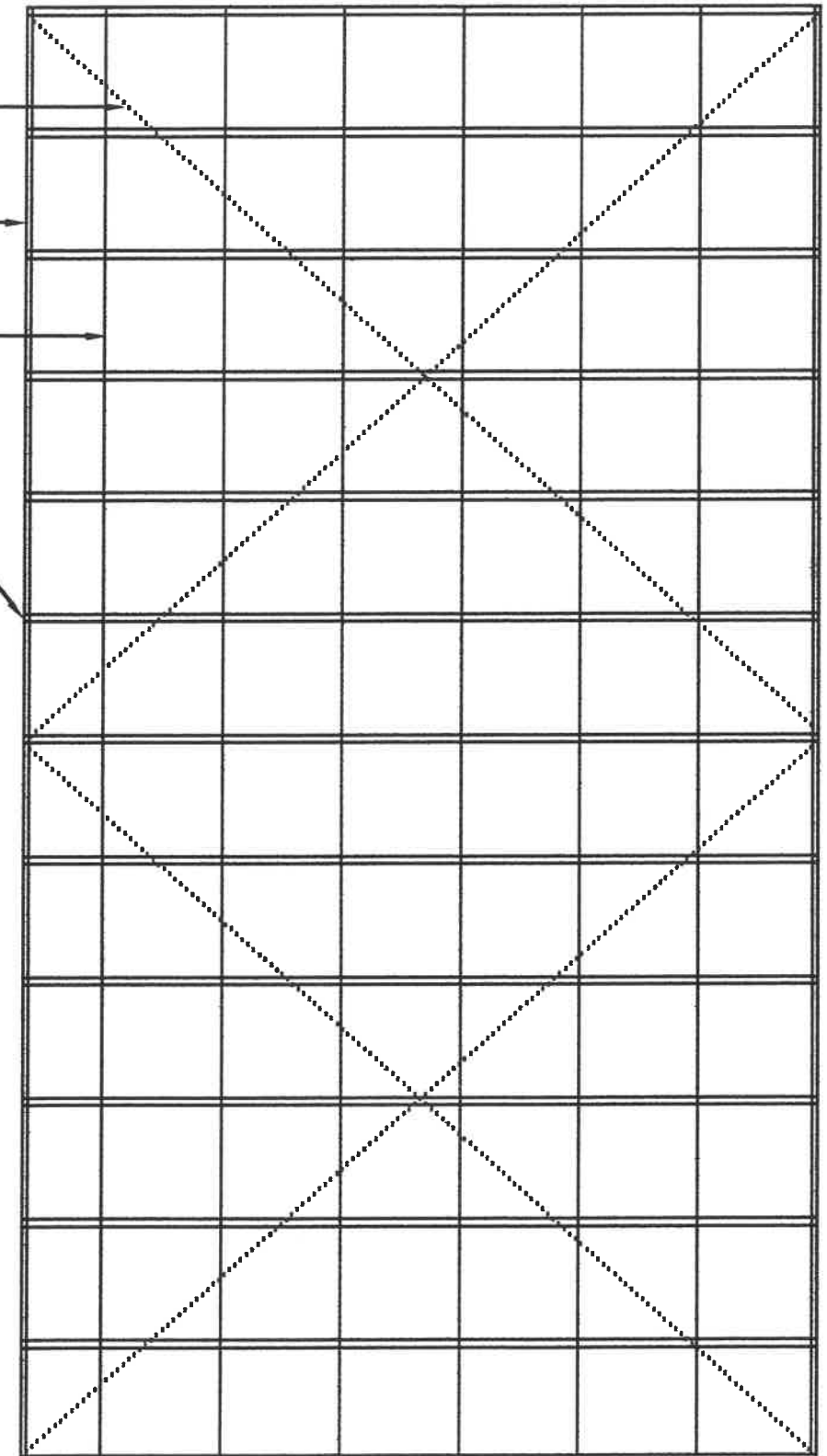
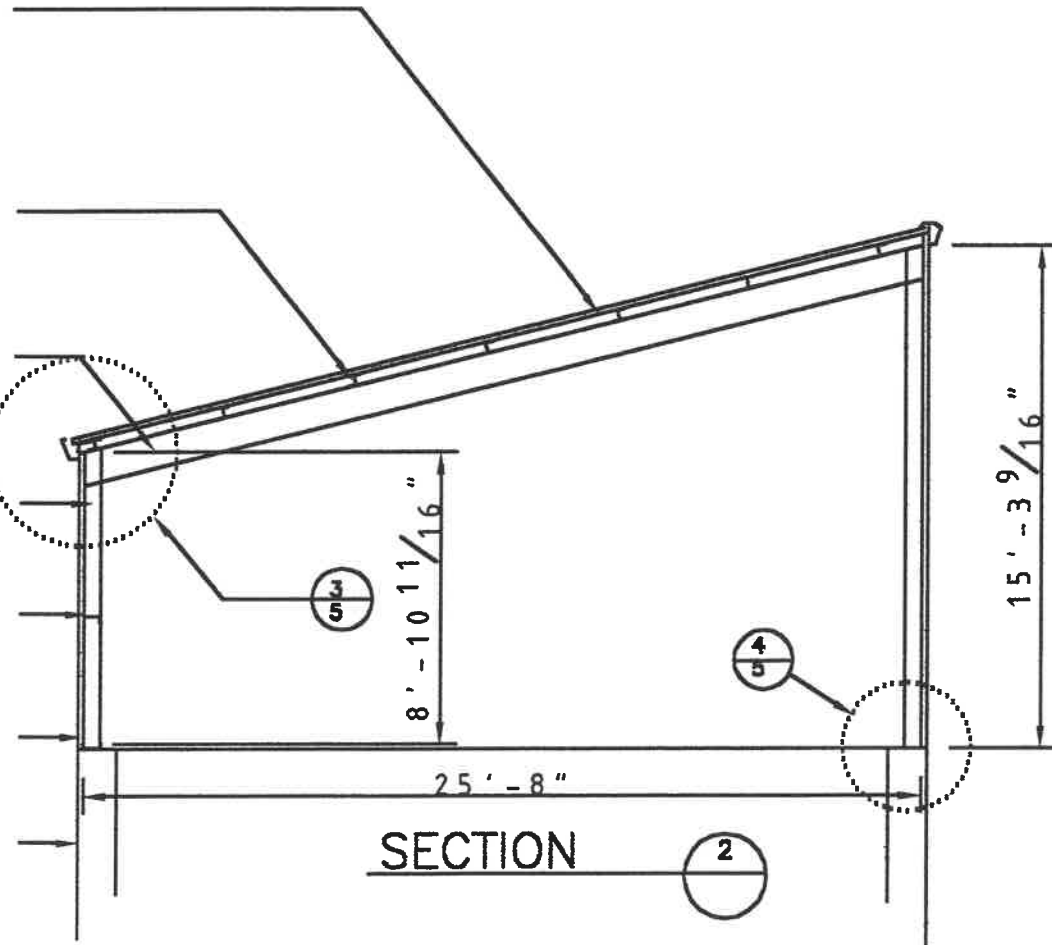
12G. GALV. STEEL RAFTERS BOX SECTIONS, 48" O.C., JOIN TO STUDS ACCD. TO DETAIL

18G. X 6" GALV. STEEL STUDS INSTALL 2 C SECTION STUDS BACK TO BACK, 48" O.C.

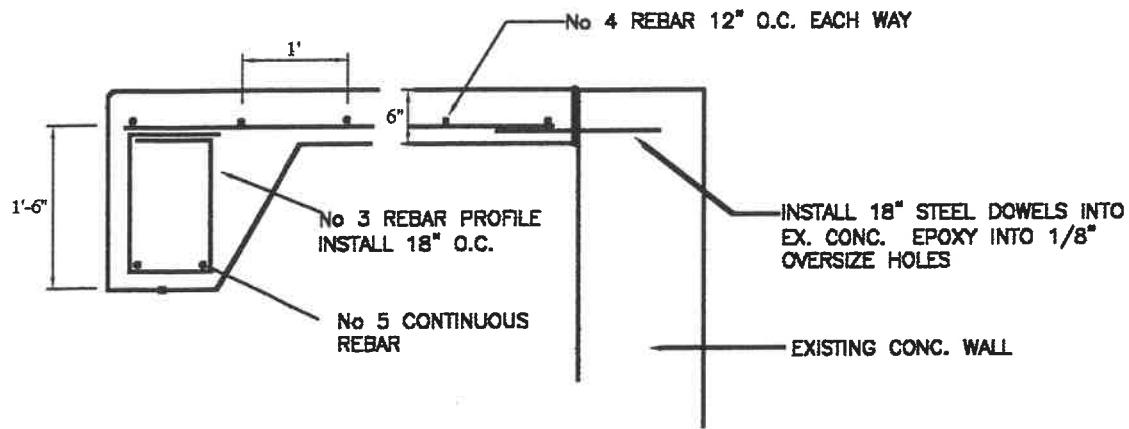
INSTALL BLOCKING BETWEEN STUDS, 48" O.C.

26G. STEEL SIDING MATCH SIDING ON EX. BLDG.

EXISTING 14" CONC. WALL



BUILDING SECTION/ ROOF PLAN



**SECTION 1**  
CONCRETE SLAB

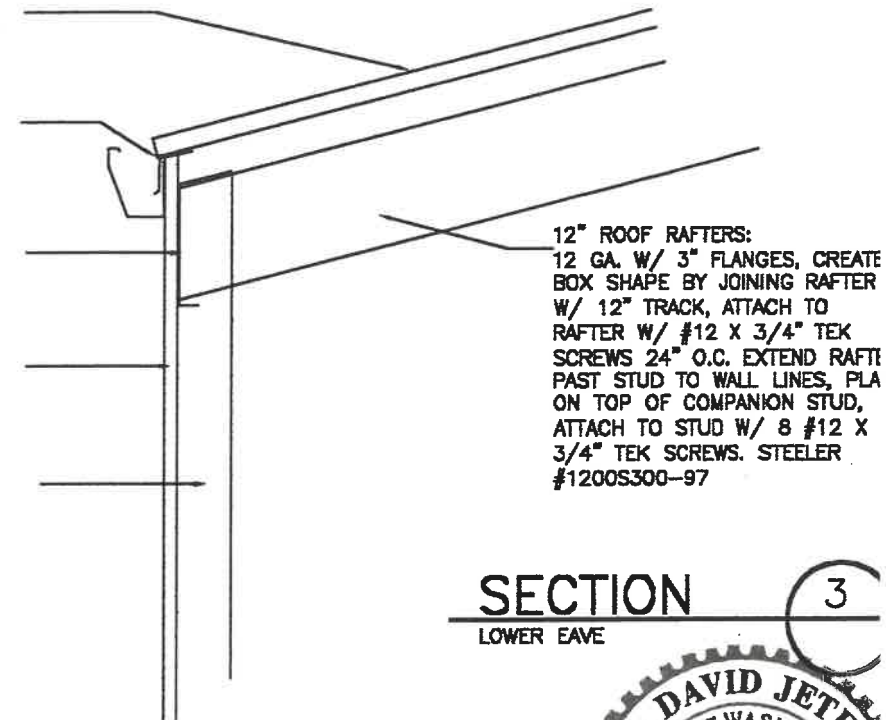
24 GA. CONCEALED CLIP STEEL ROOFING, MATCH EX. COLOR

26G. EAVE FLASHING, BREAK BOTTOM EDGE OF ROOFING BACK UNDER

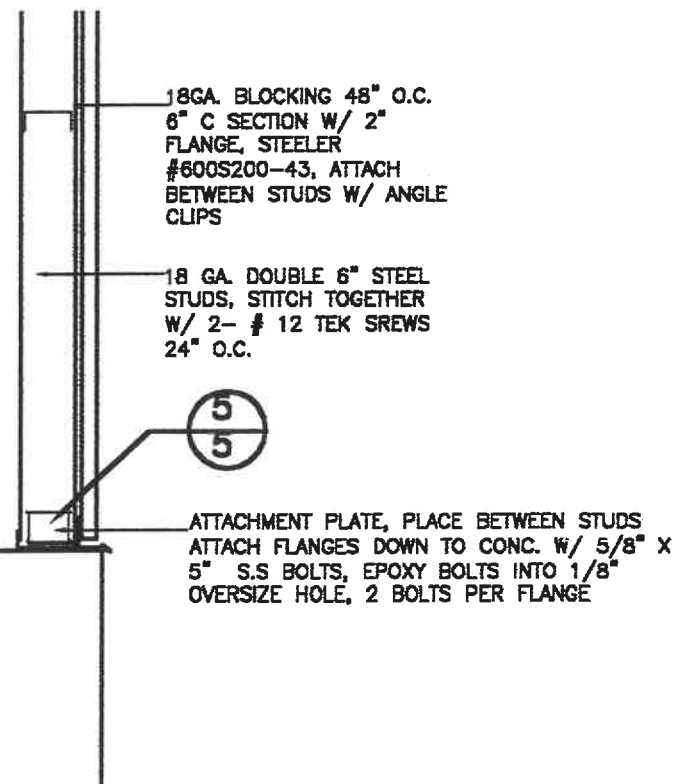
RIM RAFTER 12G. GALV. STEEL BREAK SPECIAL SHAPE TO MATCH 14 DEGREE ROOF ANGLE

26G STEEL SIDING 36"W PANEL RIB TO MATCH EXISTING BUILDINGS

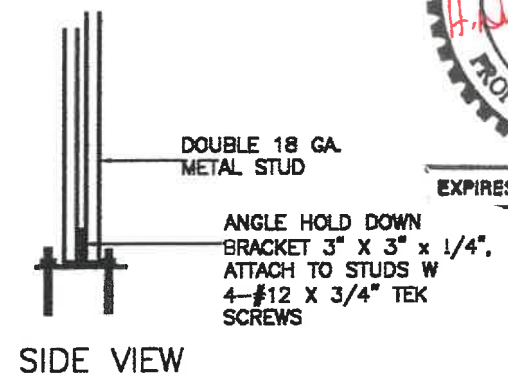
18G. GALV. STEEL STUDS, DOUBLE STUDS 48" O.C.



**SECTION 3**  
LOWER EAVE



**SECTION 4**  
STUD COLUMN ATTACHMENT



**SECTION 5**  
STUD COLUMN ATTACHMENT



CONSTRUCTION NOTES:

CODES:

1997 UNIFORM BUILDING CODE

DESIGN LOADS:

ROOF: 25 PSF  
WIND 80 MPH EXPOSURE C  
SEISMIC ZONE 3, Z=0.3, I=1.0, R=2.8

GENERAL

ALL MATERIAL AND WORKMANSHIP SHALL CONFORM TO THE UNIFORM BUILDING CODES AND STANDARDS, DRAWINGS AND SPECIFICATIONS. THE DRAWINGS AND DESIGN ARE BASED ON A COMPLETED CONDITION. ANY TEMPORARY BRACING AND SHORING REQUIRED IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION.  
DO NOT SCALE THE DRAWINGS.

CONTRACTOR NOTES:

CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED SAFETY PRECAUTIONS AND METHODS, TECHNIQUES, AND SEQUENCES OF PROCEDURES REQUIRED TO PERFORM THE WORK.

FOUNDATION ALLOWABLE SOIL LOADS (ASSUMED):

SOIL BEARING PRESSURE: 1500 PSF  
SOIL FRICTION COEFFICIENT: 0.30  
EQUIVALENT ACTIVE YIELDING PRESSURE: 35 PCF  
EQUIVALENT RESTRAINED PRESSURE: 55PCF  
SOIL DENSITY: 120 PCF  
PASSIVE EARTH PRESSURE: 450 PCF

FOOTINGS:

ALL FOOTINGS MUST BEAR ON 95% COMPACTED SOIL. FOOTING ELEVATIONS SHOWN ON DETAILS ARE MINIMUM DIMENSIONS.

REINFORCING STEEL:

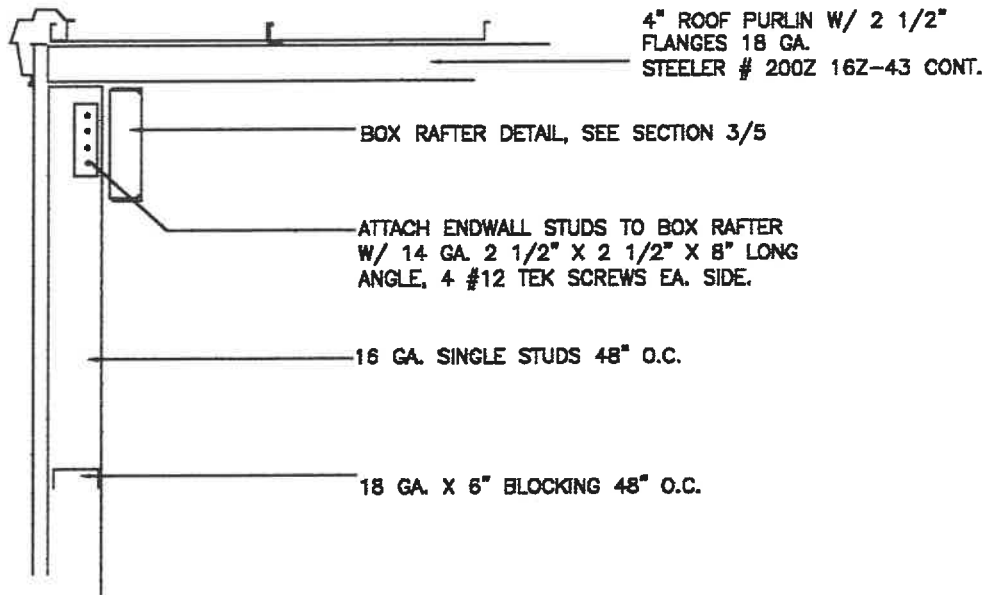
REINFORCINGS STEEL SHALL CONFORM TO ASTM A615 GRADE 60 AND SHALL BE DETAILED (INCLUDING HOORS AND BENDS) IN ACCORDANCE WITH ACI 315 AND 318. LAP ALL CONTINUOUS REINFORCEMENT 40 BAR DIAMETERS.  
REINFORCING STEEL SHALL BE FREE OF MUD, OIL, OR OTHER NON-METALIC COATING THAT MAY DECREASE BOND.

ANCHOR BOLTS:

EXPANSION ANCHOR BOLTS SHALL BE MANUFACTURED BY HILTI inc. OR APPROVED EQUAL.

LIGHTWEIGHT STEEL FRAMING:

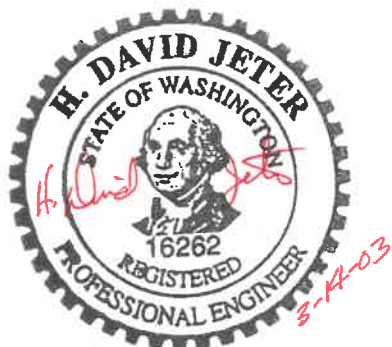
STEEL STUDS, COLUMNS, RAFTERS, PURLINS, BLOCKING ETC. SHALL BE MANUFACTURED BY STEELER INC., SEATTLE, WASHINGTON  
STEEL SHALL CONFORM TO ASTM A 853 GRADE 33 FY=33KSI OR GRADE 50 FY= 50 KSI



SECTION



ENDWALL SECTION



EXPIRES 07/27/03