

## **SUPPLEMENTS TO AGENDA ITEM 15 ATTACHMENTS B, C & D:**

### ATTACHMENTS:

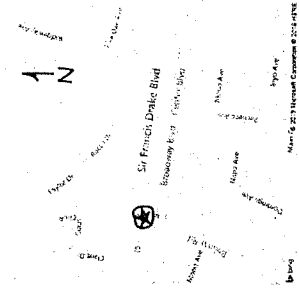
- A. Drawings (refer to the original staff report attachment)
- B. Original hand-drawn plans by John Romaidis
- C. Images of bus shelter John relied on
- D. Example of pre-cut wooden structure that could be used as a bus shelter

# FAIRFAX BUS SHELTER

## SCOPE OF WORK

CONSTRUCTION OF A NEW BUS SHELTER LOCATED AT THE TOWN OF FAIRFAX PARKADE. THE BUS SHELTER DESIGN IS TAKEN FROM THE ORIGINAL TRAIN STATION SHELTER THAT WAS LOCATED ALONG BROADWAY.

## LOCATION



## PROJECT SUMMARY

### REFERENCED CODES:

2016 CALIFORNIA BUILDING CODE  
2010 ADA'S

### CODE INFORMATION:

OCCUPANCY TYPE - U  
CONSTRUCTION TYPE - V/B  
AREA:  
WITH PROJECTED ROOF - 221.1K SQ/FT  
WITHOUT PROJECTED ROOF - 118.5 SQ/FT  
HEIGHT - 9'8"  
STORIES - 1  
SPRINKLERS REQUIRED - NO  
SPECIAL INSPECTIONS REQ - NO

DEFERRED SUBMITTALS:  
ELECTRICAL AND LIGHTING

## INDEX

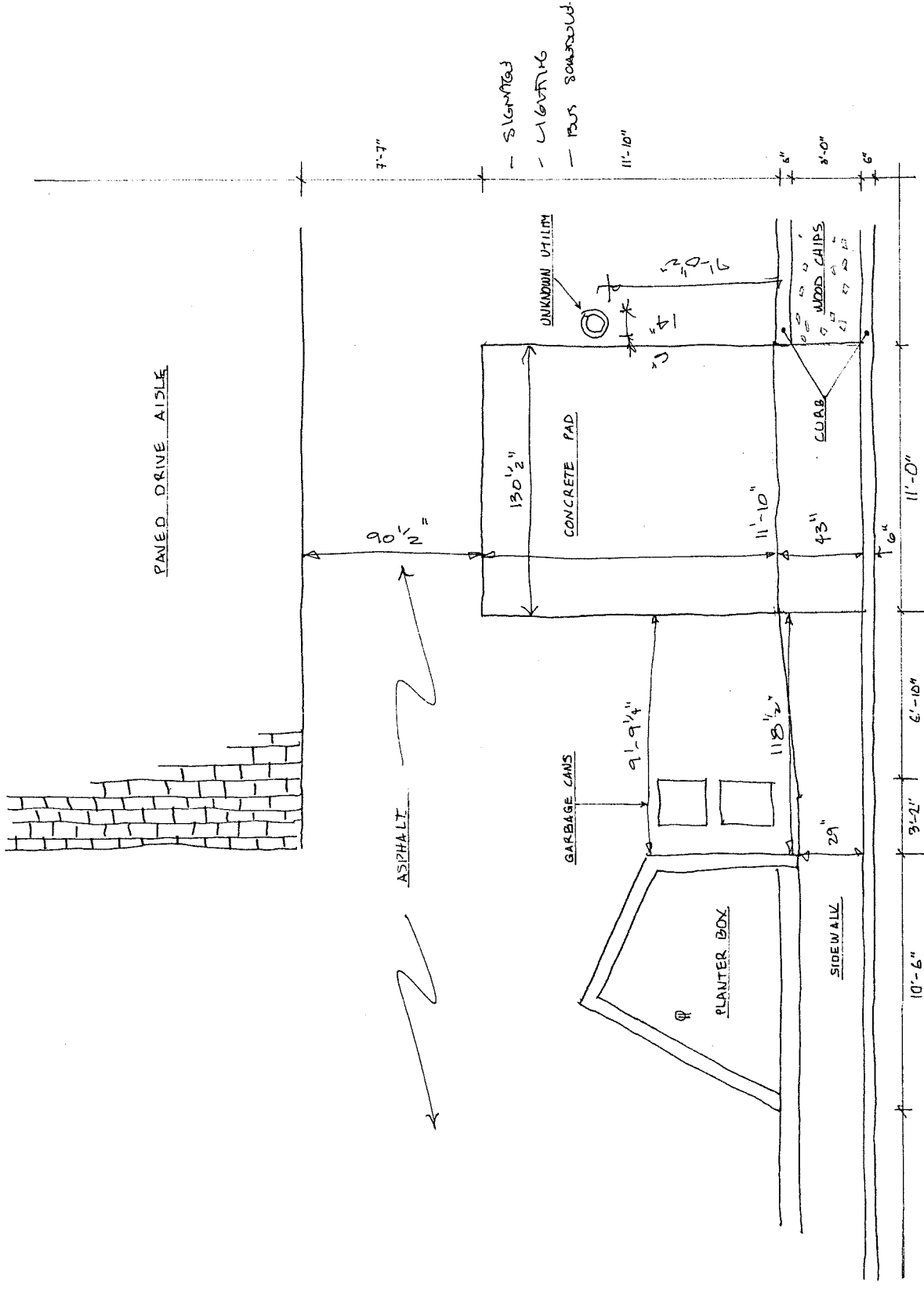
|    |   |
|----|---|
| CS | COVER SHEET                             |
| A1 | EXISTING CONDITIONS                     |
| A2 | PROPOSED SITE PLAN / ACCESSIBILITY PLAN |
| A3 | NORTH AND SOUTH ELEVATION               |
| A4 | EAST AND WEST ELEVATION                 |
| A5 | DEMOLITION PLAN                         |
| S1 | REBAR AND CONCRETE                      |
| S2 | FRAMING AND ROOF FRAMING PLAN           |
| S3 | ROOF FRAMING DETAILS                    |

DESIGNED AND  
PREPARED BY:  
JOAN ROMAIDS

*John Romoide* 6.30.19

|       |           |
|-------|-----------|
| DATE  | 6.30.2019 |
| SCALE | SHEET     |
|       | CS        |

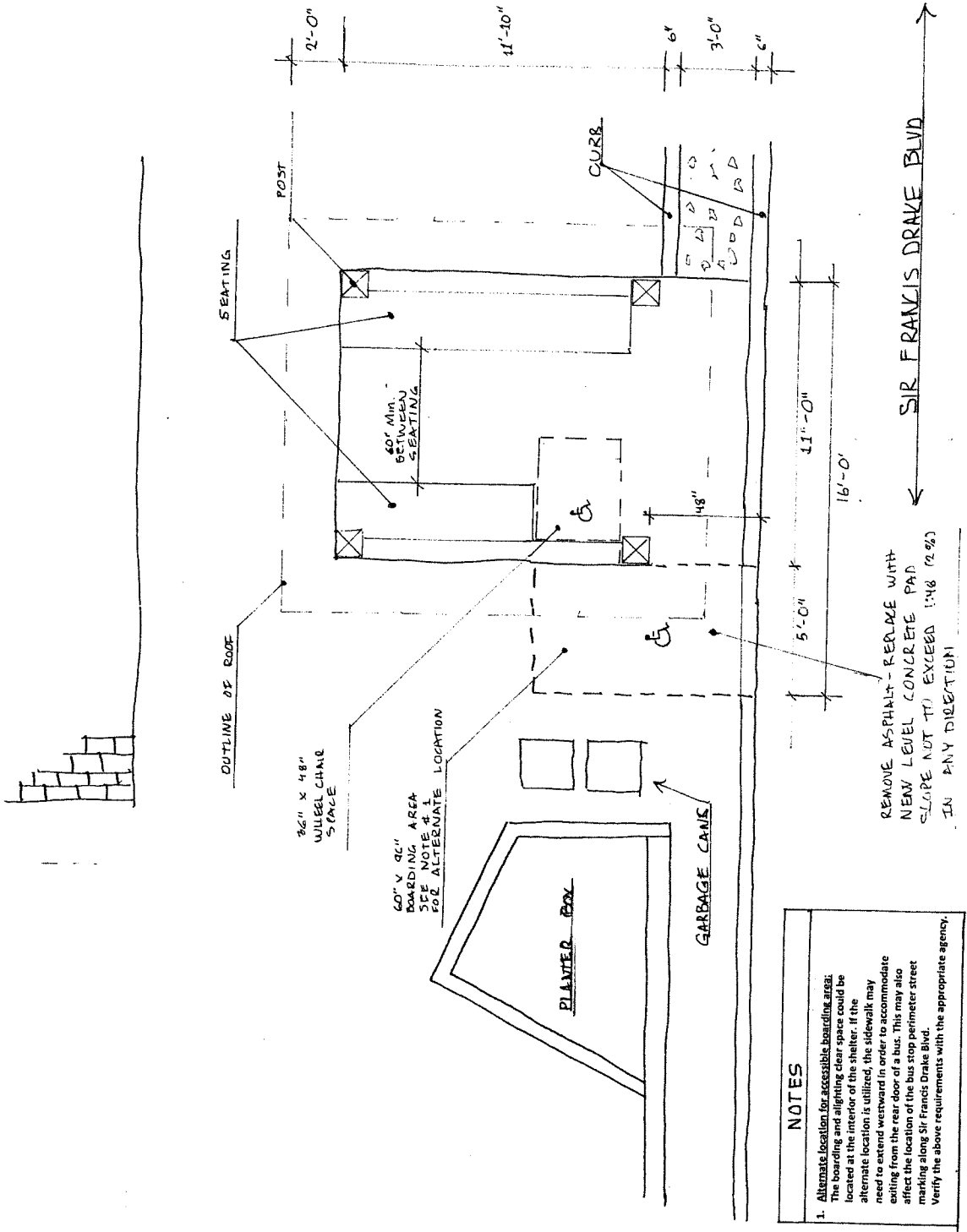
TOWN OF FAIRFAX PARKADE BUS STOP PROJECT



EXISTING CONDITIONS

NORTH

|                        |       |
|------------------------|-------|
| SIR FRANCIS DRAKE BLVD | SHEET |
| SCALE                  | A1    |
| 1/8" = 1'              |       |

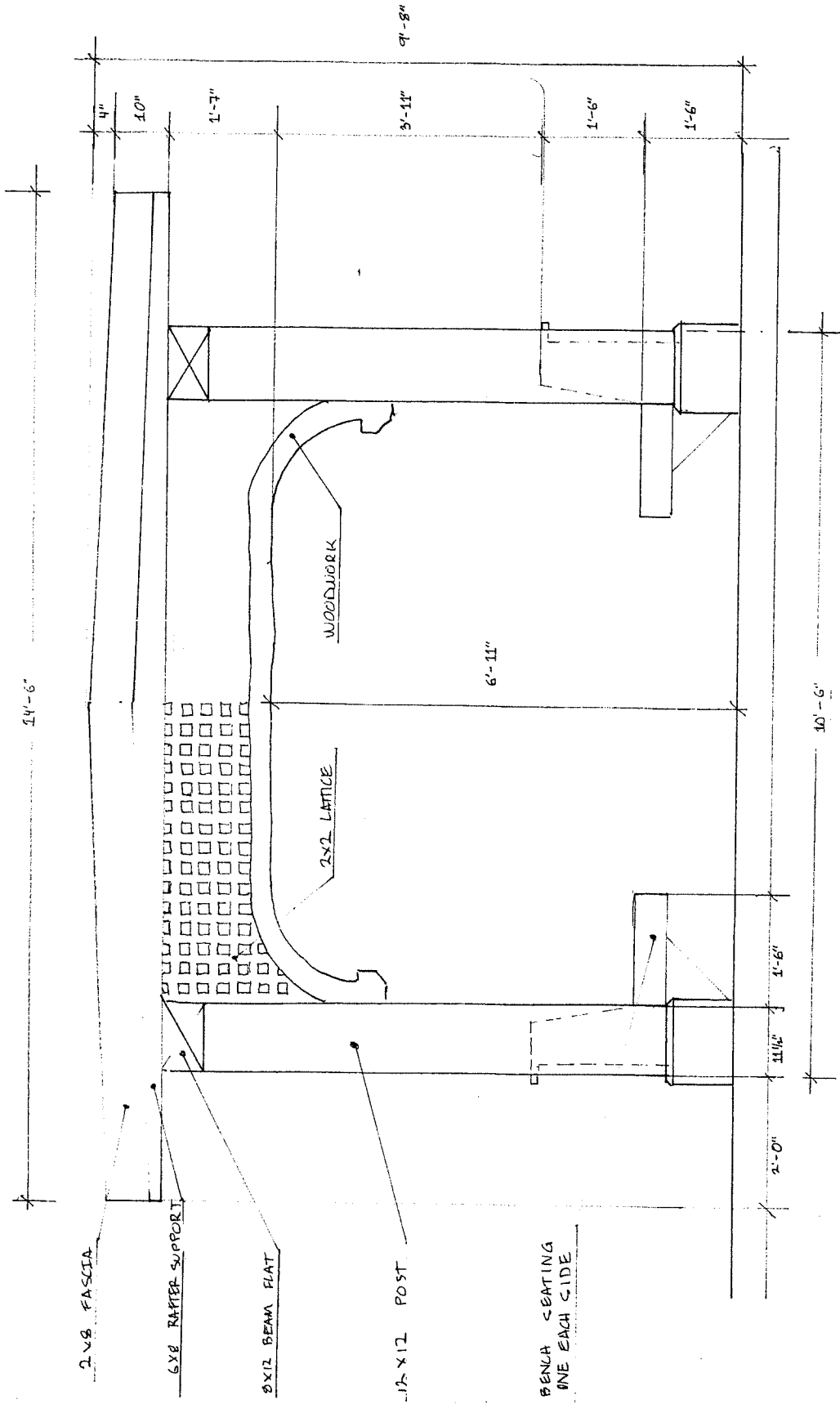


**NOTES**

1. **Alternate location for accessible boarding area:** The boarding and alighting clear space could be located at the interior of the shelter. If the alternate location is utilized, the sidewalk may need to extend westward in order to accommodate exiting from the rear door of a bus. This may also affect the location of the bus stop perimeter street marking along Sir Francis Drake Blvd. Verify the above requirements with the appropriate agency.

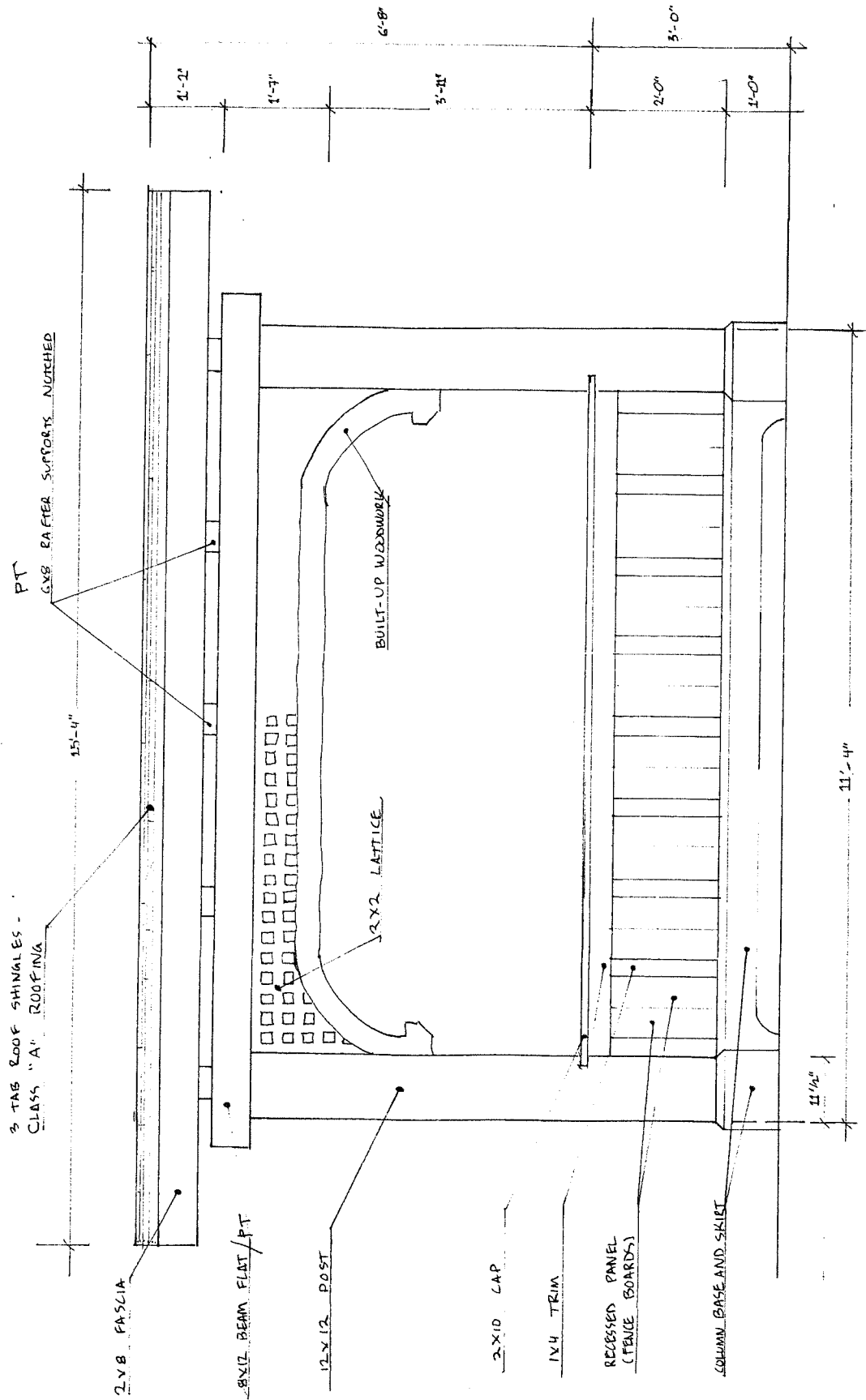
REMOVE ASPHALT - REPLACE WITH  
NEW LEVEL CONCRETE PAD  
SLOPE NOT TO EXCEED 1:48 (2%)  
IN ANY DIRECTION

SIR FRANCIS DRAKE BLVD



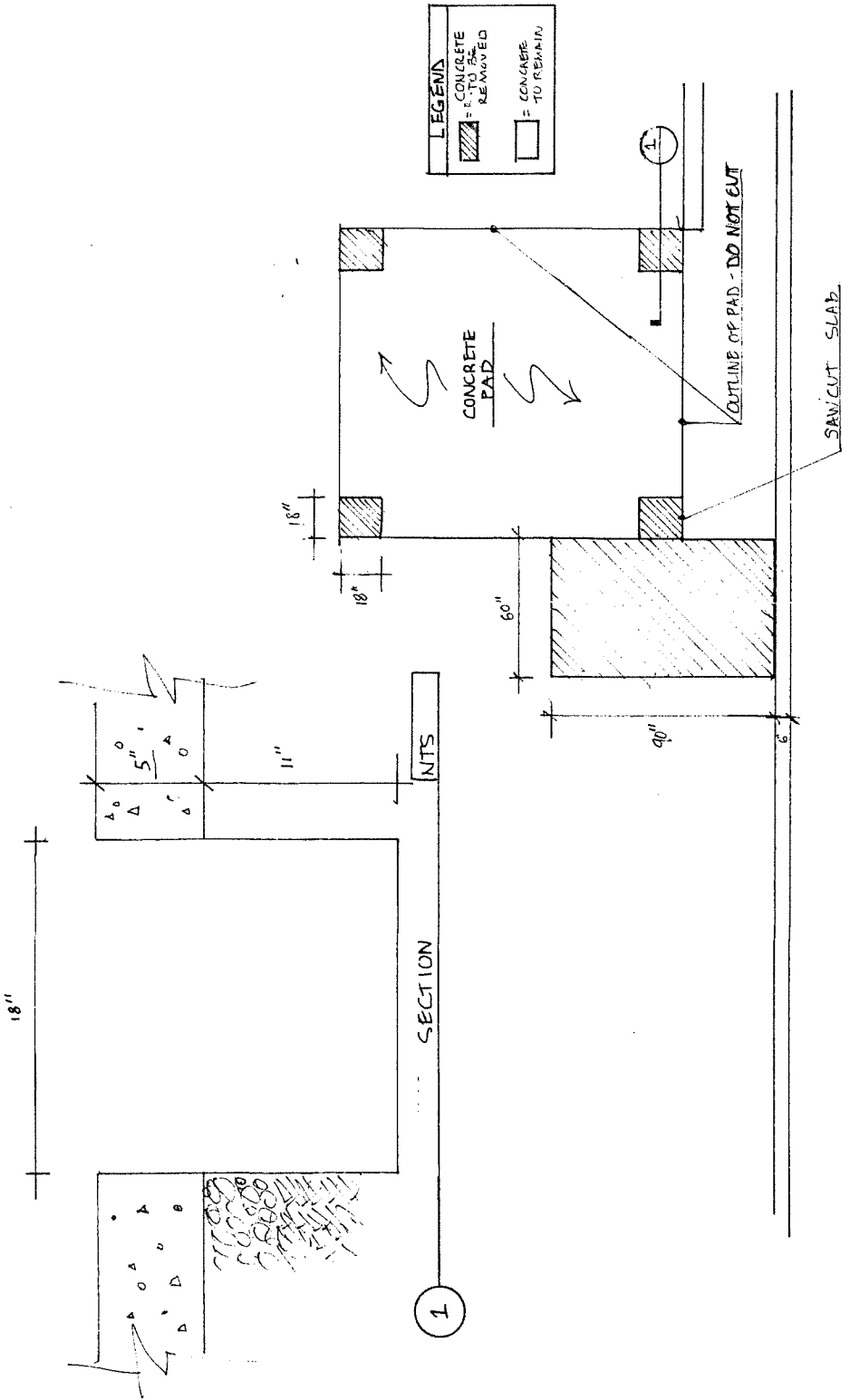
| SCALE | SHEET |
|-------|-------|
| NTS.  | A3    |

NORTH AND SOUTH ELEVATION



|        |  |       |  |
|--------|--|-------|--|
| SCALE  |  | SHEET |  |
| N.T.S. |  | A4    |  |

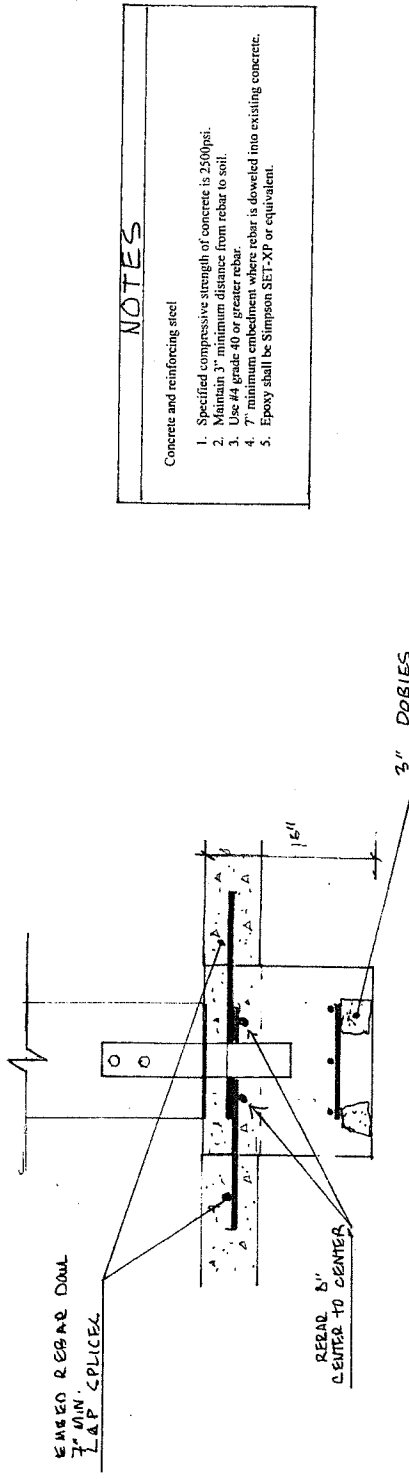
EAST AND WEST ELEVATION



SIR FRANCIS DRAKE BLVD



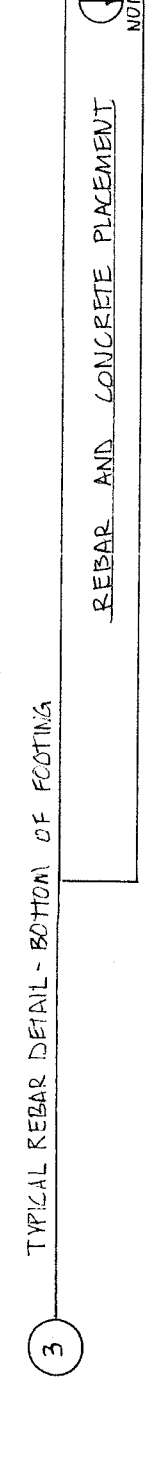
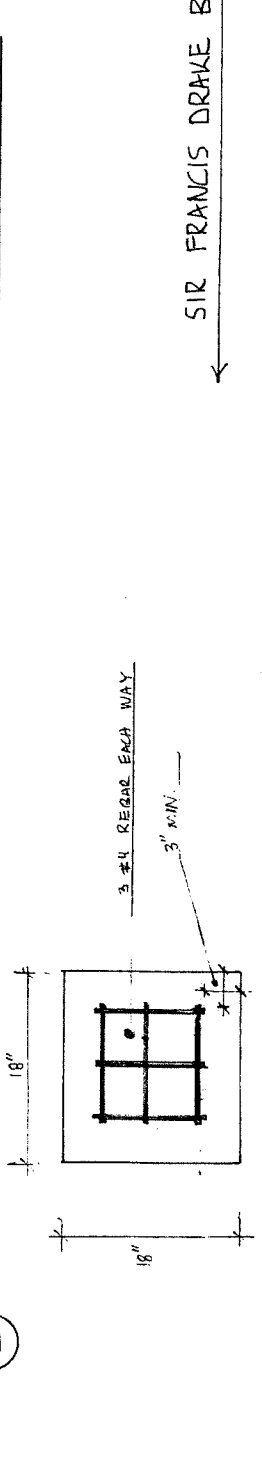
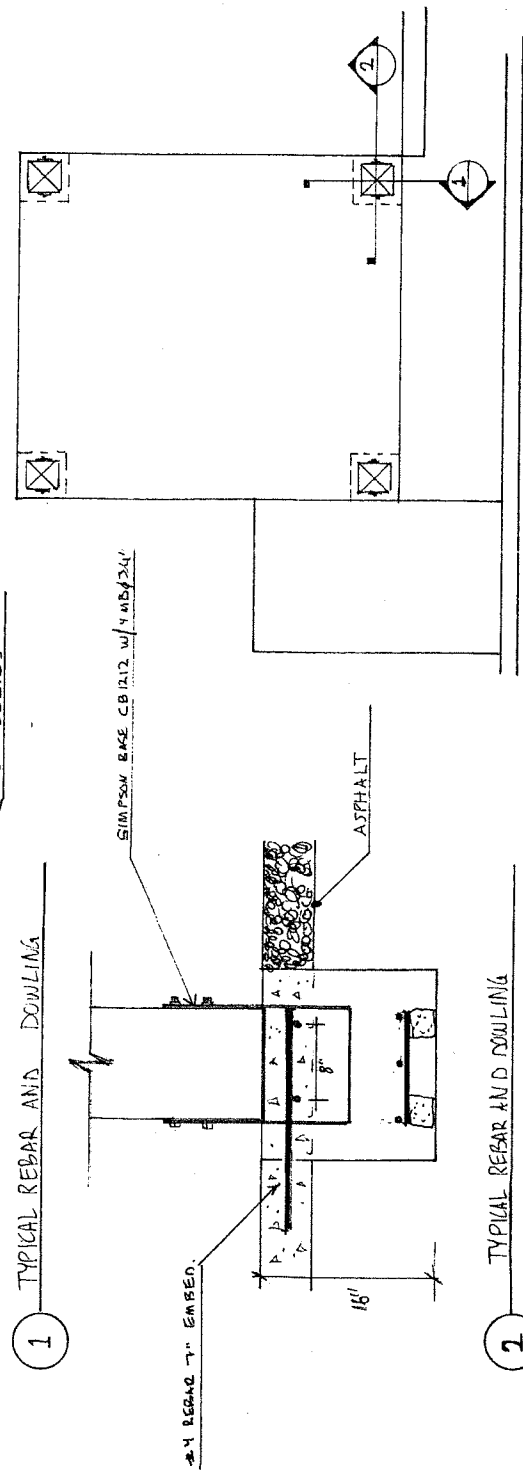
|                 |  |           |       |
|-----------------|--|-----------|-------|
| DEMOLITION PLAN |  | SCALE     | SHEET |
|                 |  | 1/8" = 1' | A 5   |
| NORTH           |  |           |       |




**NOTES**

Concrete and reinforcing steel

1. Specified compressive strength of concrete is 2500psi.
2. Maintain 3" minimum distance from rebar to soil.
3. Use #4 grade 40 or greater rebar.
4. 7" minimum embedment where rebar is doweled into existing concrete.
5. Epoxy shall be Simpson SET-XP or equivalent.



← SIR FRANCIS DRAKE BLVD →

|  |  |       |       |
|--|--|-------|-------|
| REBAR AND CONCRETE PLACEMENT   |  | SCALE | SHEET |
|  |  | NTS   | S1    |
| <br>NORTH |  |       |       |



Framing Narrative

1. The 12 x 12 Posts are secured to the footing with a Simpson Post Base CBI212.
2. The 8 x 12 Beams lay flat on top of the 12 x 12 posts and are secured with two Simpson HL46 heavy angle brackets per post.
3. The 6 x 8 rafter supports sit on their edge atop of the flat 8 x 12 and are secured with Simpson MI210Z angle brackets- four per support, two on each end. Each angle bracket is secured with twelve 1/4" x 1 1/2" Strong-Drive SDS Heavy-Duty Connector screws.
4. The 2 x 4 rafters sit atop the 6 x 8 rafter supports, the ridge rafter sits on its edge full depth, each successive rafter is "let in" or notched to the rafter support to obtain the roof slope. The ridge rafter is secured to the supports with Simpson ML24Z angle brackets- one per support. Each angle bracket is secured with six 1/4" x 1 1/2" Strong-Drive SDS Heavy-Duty Connector screws. The other notched rafters are toe-nailed with two 4" x #10 wood screws (1 each side).

General Notes

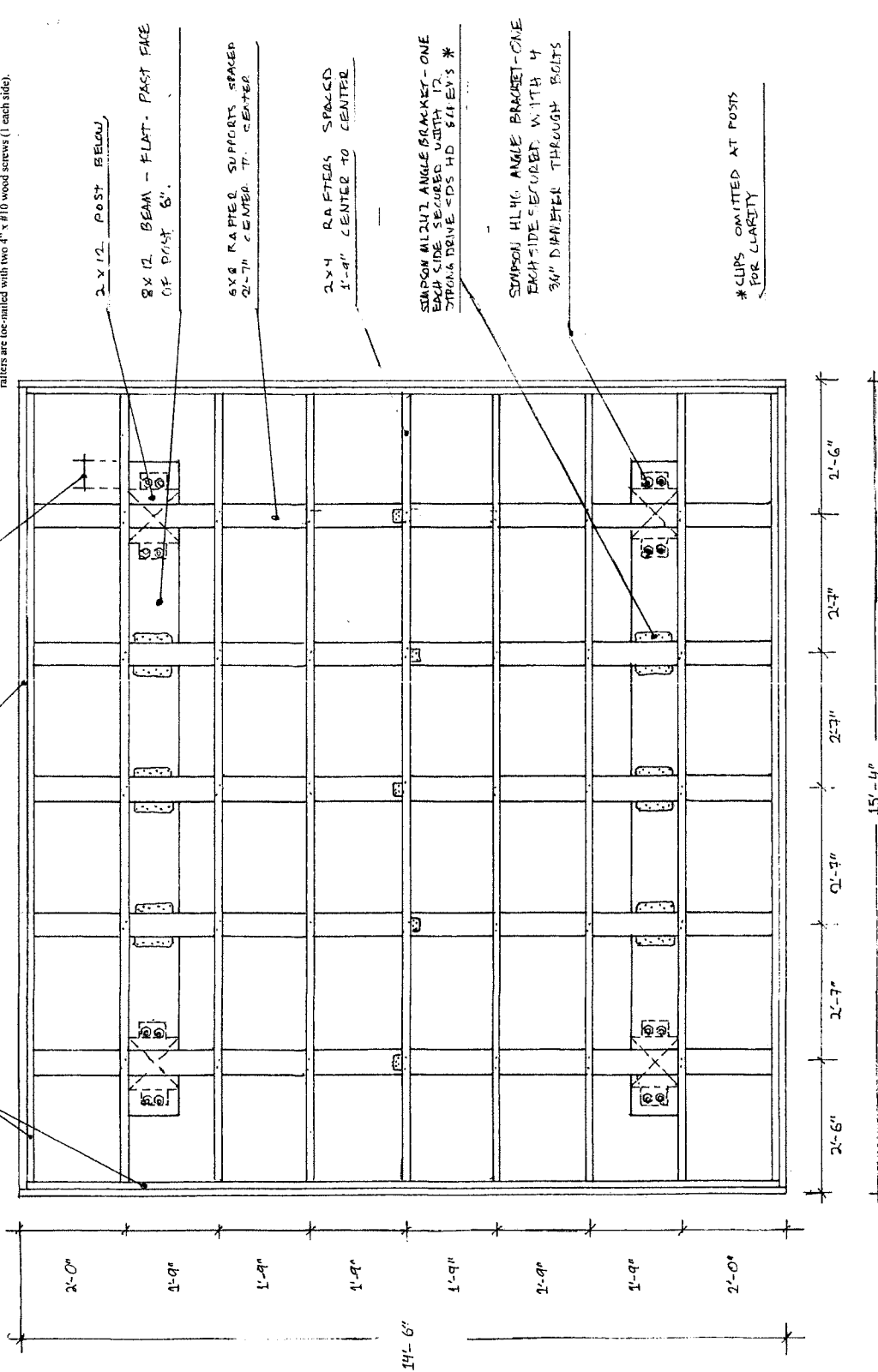
Framing


1. All framing members shall be naturally durable or preservative treated wood.
2. All framing connectors shall be hot dipped galvanized.
3. All framing fasteners shall be common size and hot dipped galvanized.
4. Treat all cut ends of preservative treated wood with "Copper Green" or similar product.

2x8 FASCIA BOARD

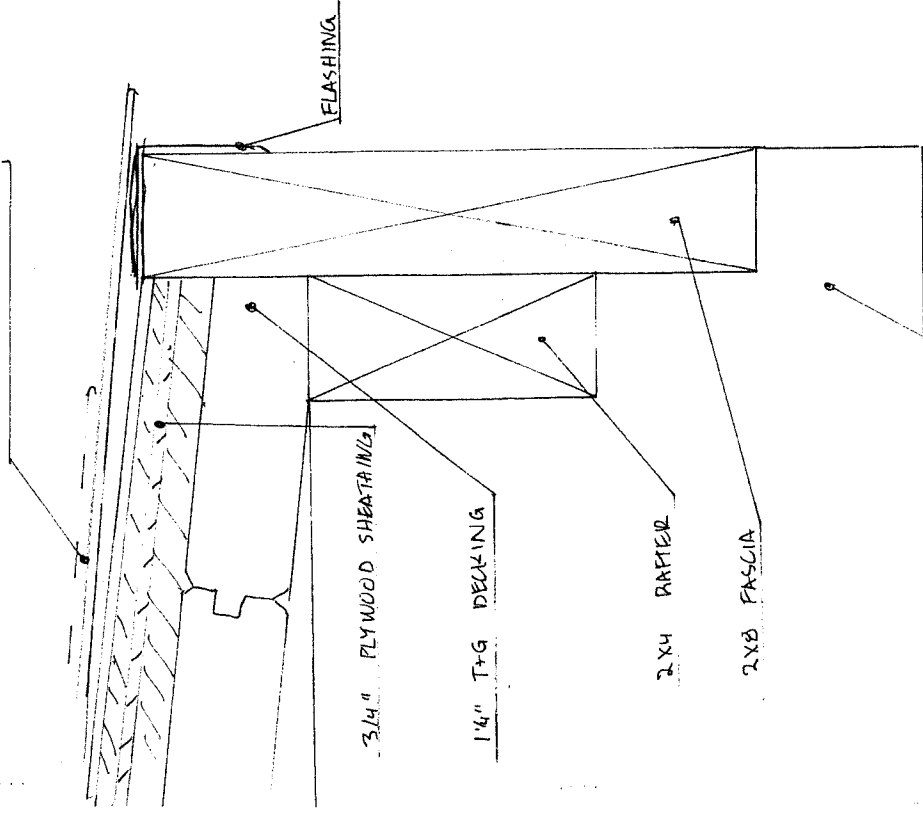
2x4 RIM / LEDGE

6"



|  |       |
|--|-------|
| SCALE  | SHEET |
| 3/4"=1'  | S2    |
| <br>NORTH |       |
| FRAMING AND ROOF FRAMING PLAN  |       |

3 TABS CLASS A ROOF COVERING



FLASHING

3/4" PLYWOOD SHEATHING

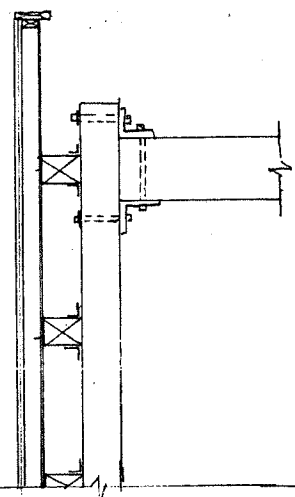
1 1/4" T+G DECKING

2x4 RAFTER

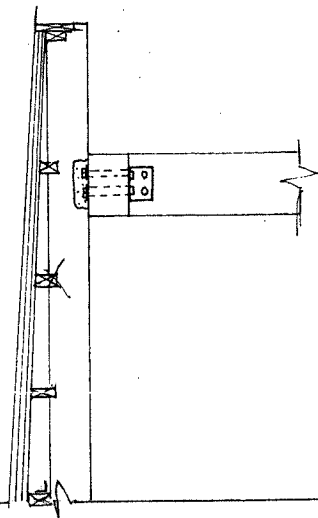
2x8 FASCIA

6x8 RAFTER SUPPORT

ROOF DETAIL



CONNECTION DETAIL - POST TO BEAM



CONNECTION DETAIL - RAFTERS TO SUPPORTS

ROOF FRAMING DETAILS

|       |       |
|-------|-------|
| SCALE | SHEET |
| NTS   | S3    |



ATTACHMENT C



Pre-cut wooden structure- the smallest version is 12' x 12' which would only consist of 4 posts.  
Approximate cost is \$20,000-\$25,000 for the structure delivered. The cost to assemble and install the structure is not included in the estimate.



o Wood Pavilions (Options: 26' L x 20' W, Douglas-fir, 6-Post Anchor Kit for Gale-Wind, Electrical Wiring Trim for 3 Posts, 10 x 10 S  
sparent Premium Sealant). Photo Also Shows a Patio Table Set with Side Benches and End Chairs. Photo Courtesy of M. Turner of