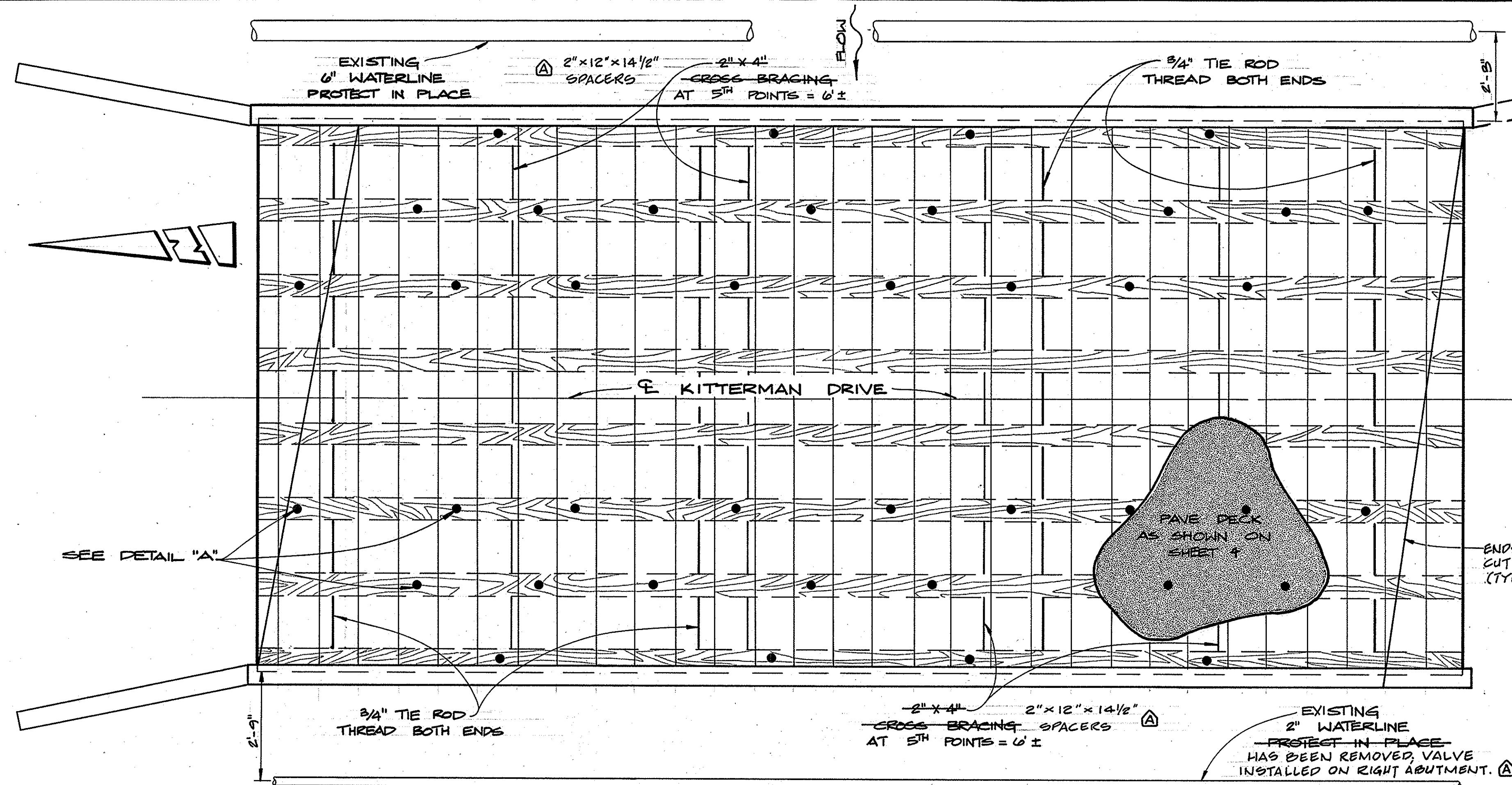
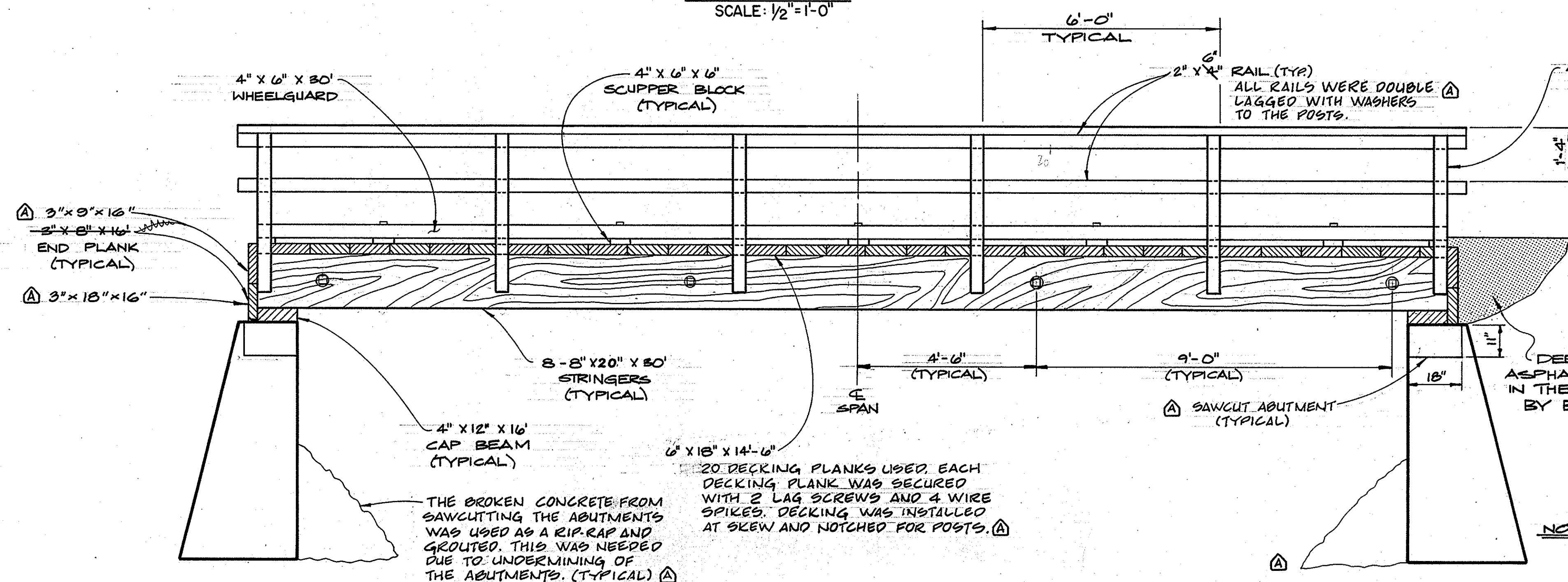




PLAN

SCALE: 1/2" = 1'-0"



ELEVATION

SCALE: 1/2" = 1'-0"

AS BUILT

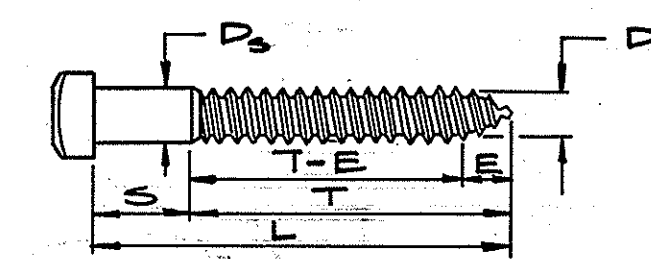
WHILE THE INFORMATION IS BELIEVED TO BE ACCURATE, THE ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY WILL NOT BE RESPONSIBLE FOR OMISSIONS, ERRORS, OR INACCURACIES.

NOTE: SEE TITLE SHEET FOR LOCATION OF OPTIONAL CONSTRUCTION SITE

GENERAL NOTES

- ALL STRUCTURAL LUMBER SHALL BE DOUGLAS FIR GRADED AS FOLLOWS:

MEMBER	GRADE
STRINGERS	SELECT STRUCTURAL
DECKING	SELECT STRUCTURAL
CAP BEAM	SELECT STRUCTURAL
END PLANK	SELECT STRUCTURAL
CROSS BRACING	No. 1
SCUPPER BLOCKS	No. 1
WHEELGUARDS	No. 1
RAILS AND POSTS	No. 1
- ALL STRUCTURAL LUMBER SHALL BE CREOSOTE TREATED WITH A MINIMUM RETENTION OF 5/8" AND A MINIMUM PENETRATION DEPTH OF 5/8".
- ALL BOLTS SHALL BE A-307 GALVANIZED STEEL.
- ALL DECKING SHALL BE LAGGED AND WIRE SPIKED TO THE STRINGERS AS FOLLOWS:
LAG SCREWS SHALL BE STAGGERED IN A PATTERN WHICH APPROXIMATES THAT SHOWN IN THE PLAN VIEW AND WHICH AVOIDS CONFLICTS WITH "TIE RODS" OR "WHEELGUARD TO STRINGER" BOLTS. LAG SCREWS SHALL BE SET IN A 5/8" Ø HOLE DRILLED THRU THE DECKING AND IN A PILOT HOLE 5/16" Ø X 4" DEEP IN THE STRINGER. WHERE DECKING IS NOT LAGGED, 2" Ø 5/16" Ø X 10" WIRE SPIKES SHALL BE DRIVEN THROUGH THE DECKING INTO THE STRINGER USING AIR HAMMERS. ALL LAG SCREWS SHALL BE COUNTERSUNK AND FITTED WITH WASHERS.
- PEEN ALL EXPOSED THREAD ENDS OF BOLTS AND TIE RODS.
- ATTACH RAILS TO POST WITH 5/16" Ø LAG SCREWS.



DETAIL "A"

(TYPICAL LAG SCREW)

NOMINAL DIA.	5/8"
NOM. LENGTH	11"
DS	5/8"
DR	15/32"
THREADS/INCH	5
S	5 1/2"
T	5 1/2"
E	5/8"
T-E	5 1/8"

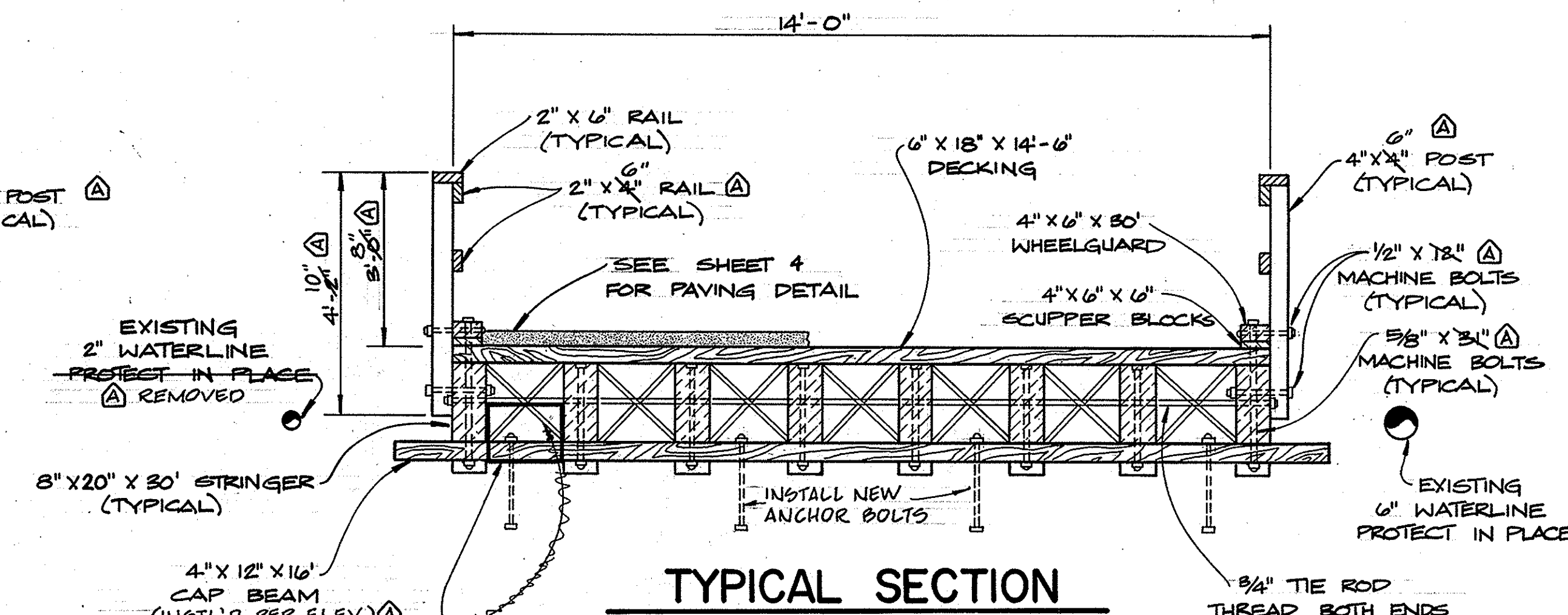
LAG SCREWS FOR DECKING

(REQ'D. WASHER ID 11/16", OD 1 3/4", THICKNESS 1/8")

NOMINAL DIA.	5/16"
NOM. LENGTH	4"
DS	5/16"
DR	7/32"
THREADS/INCH	9
S	1 1/2"
T	2 1/2"
E	1/4"
T-E	2 1/4"

ALL OTHER LAG SCREWS

(REQ'D. WASHER ID 3/8", OD 7/8", THICKNESS 1/16")



TYPICAL SECTION

SCALE: 1/2" = 1'-0"

1 1/2 0 1 2
3 inches on original drawing

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY		KITTERMAN DR. BRIDGE (SV-15) ACROSS SILVERADO CREEK	
PLANS FOR BRIDGE DECK RECONSTRUCTION		SHEET 3/4	
DATE 9/83	DESCRIPTION K	PREPARED UNDER SUPERVISION OF Gene W. Foster 9/82	DATE 9/82
DESIGNED GENE W. FOSTER		SCALE AS SHOWN	DWG. NO.
DRAWN P.L.B. CHECKED G.W.F.			