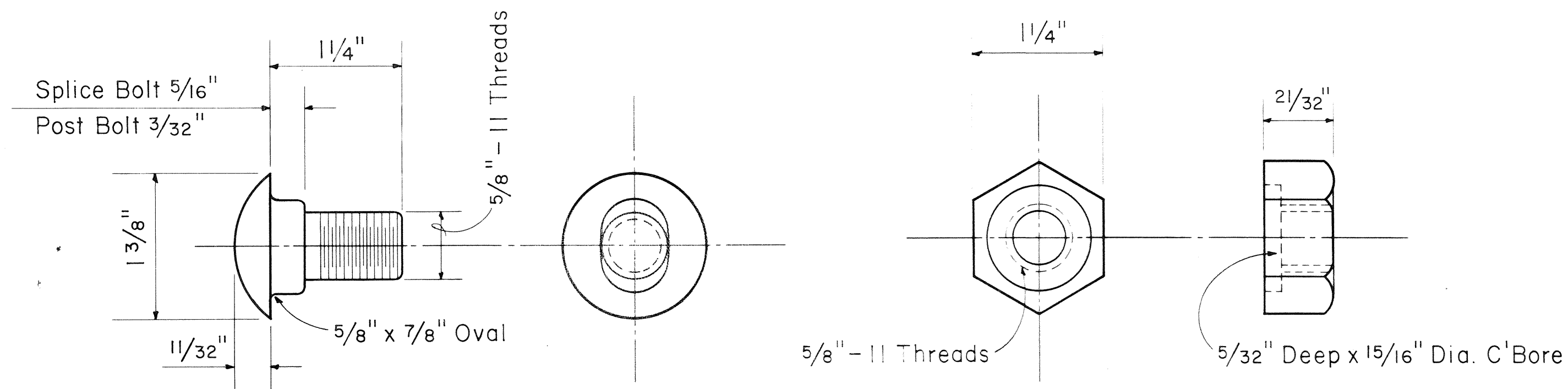


FED. AID DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAWAII	F-072-1(13)	1963	12	52



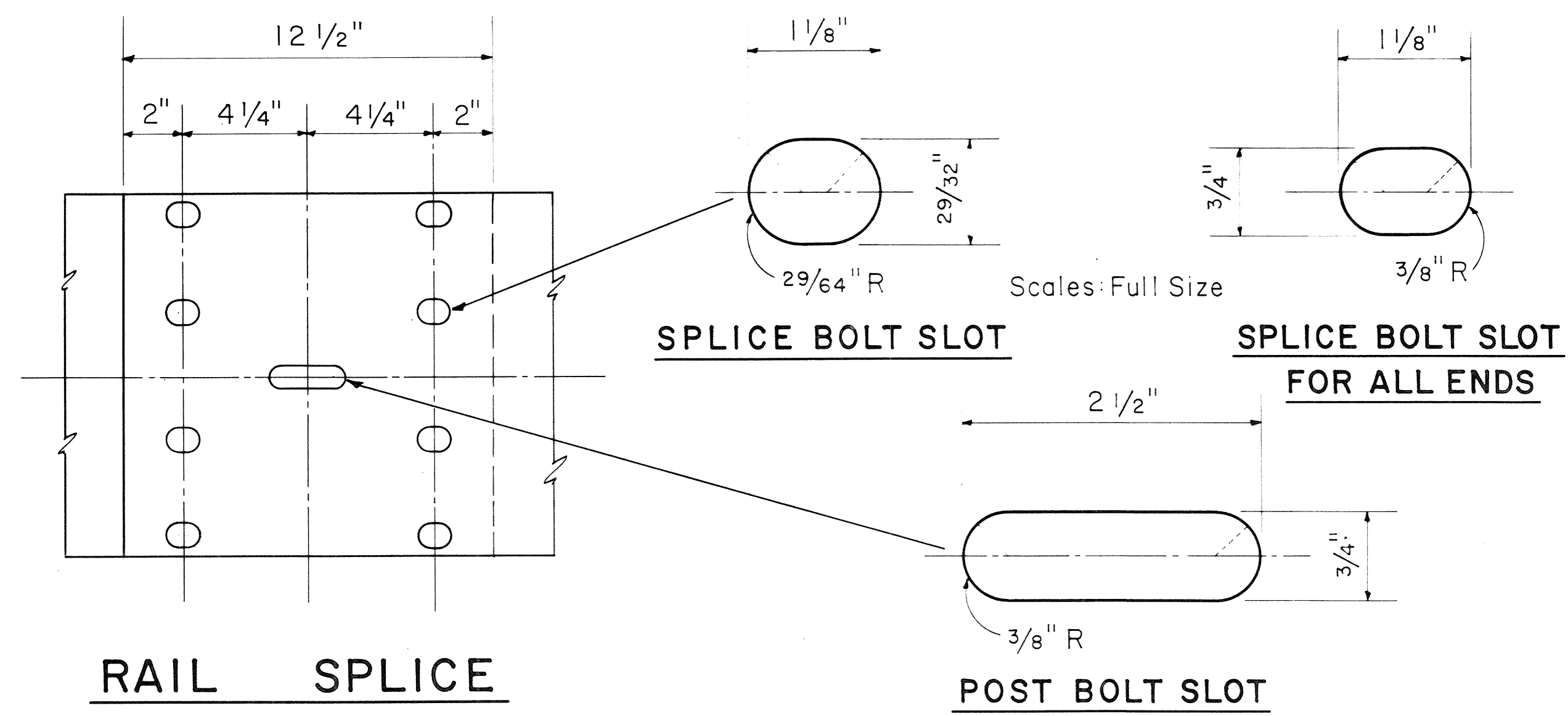
SPLICE BOLT

POST BOLT (Same except for length)

Scale: Full Size

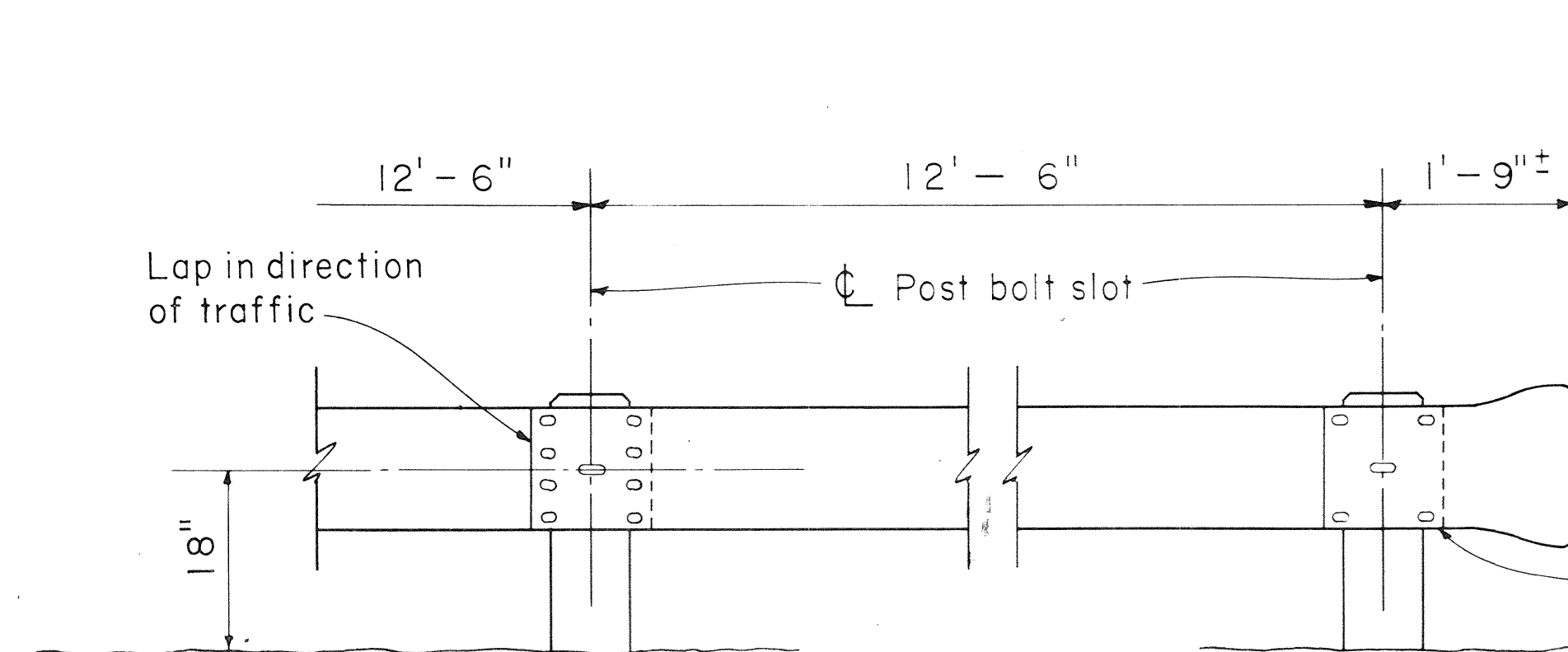
HEXAGON NUT

Scale: Full Size



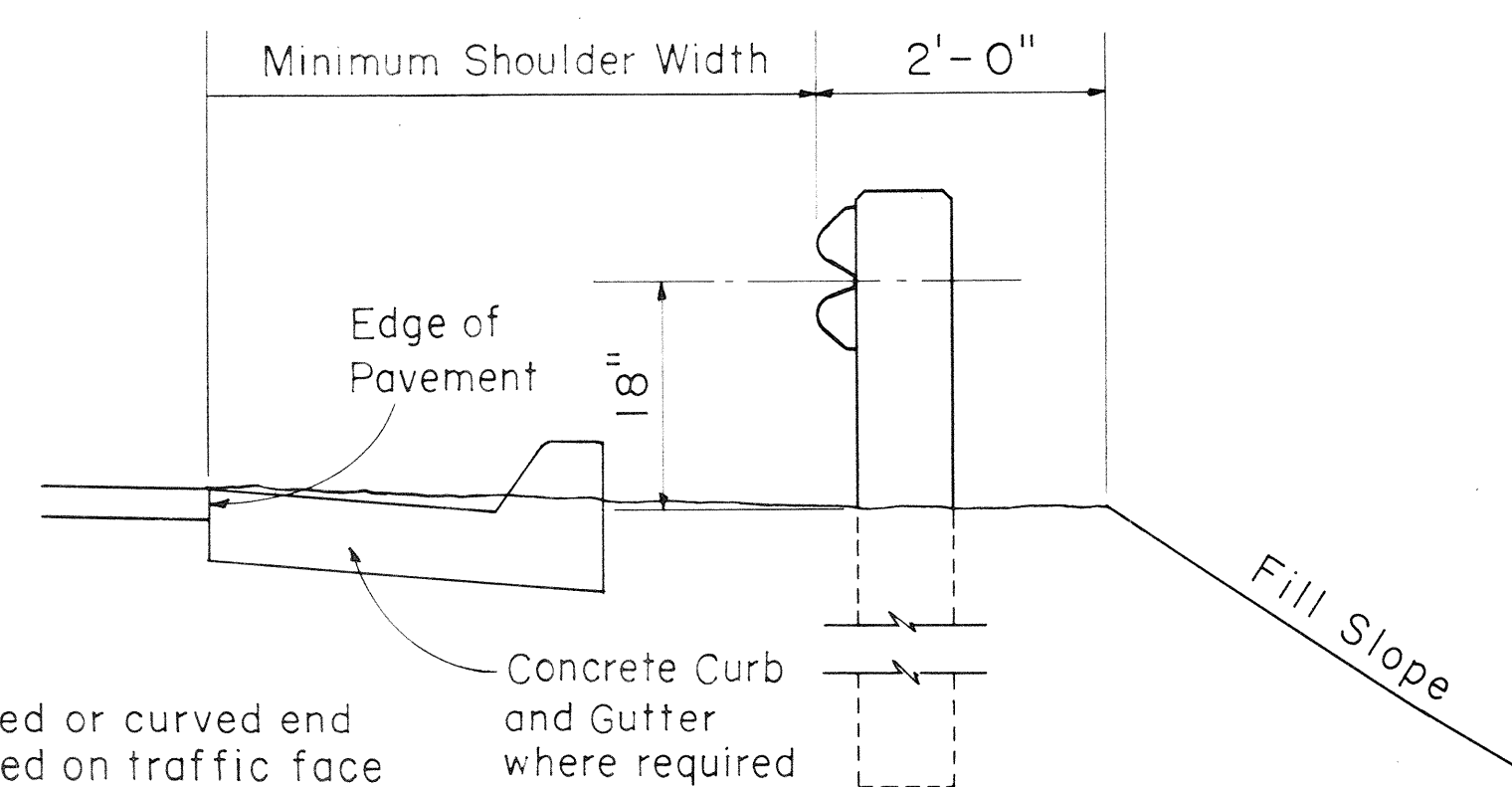
RAIL SPLICE

Scale: $3'' = 1' - 0''$



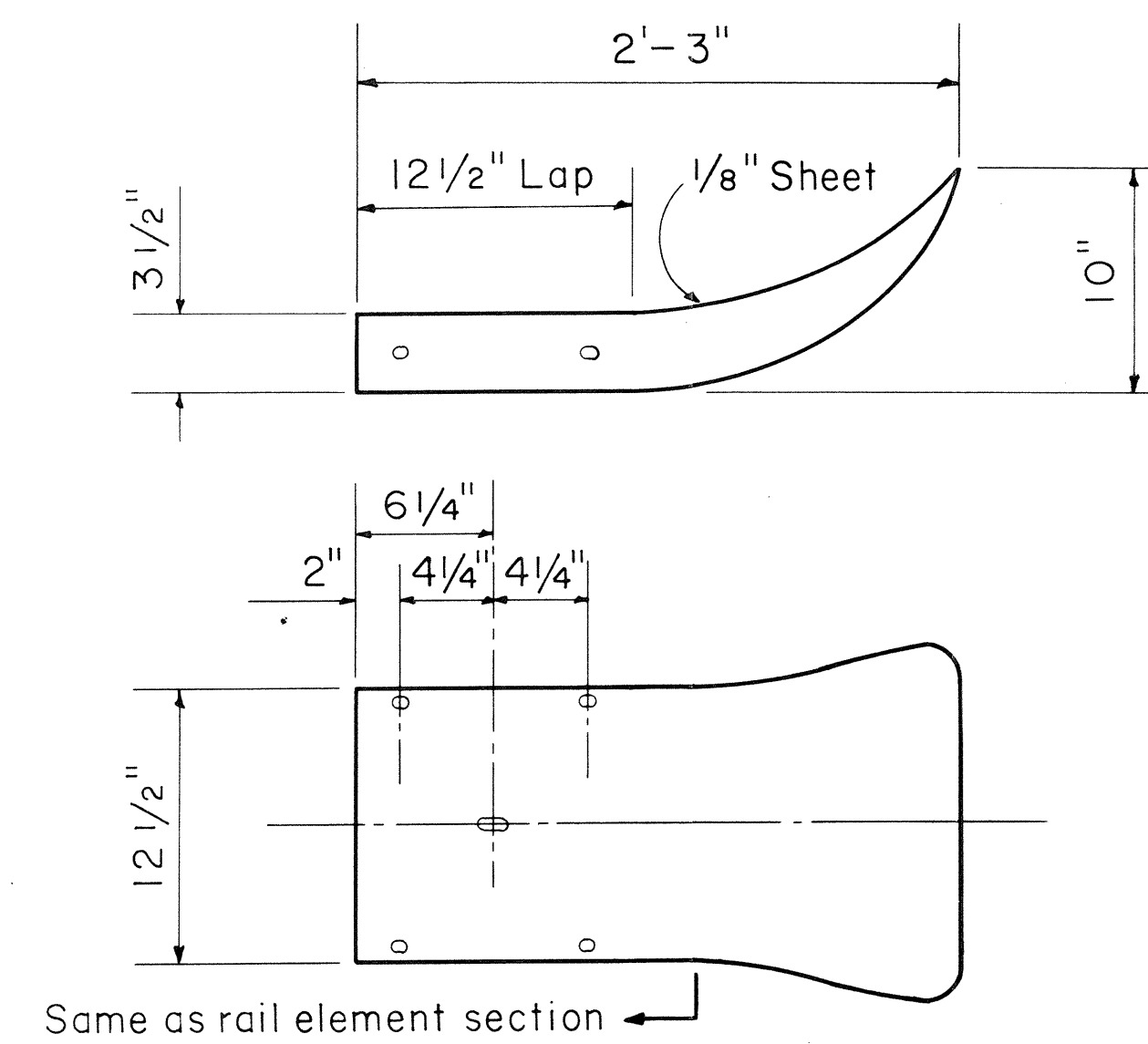
METAL GUARD RAIL

Scale: $\frac{3}{4}'' = 1' - 0''$



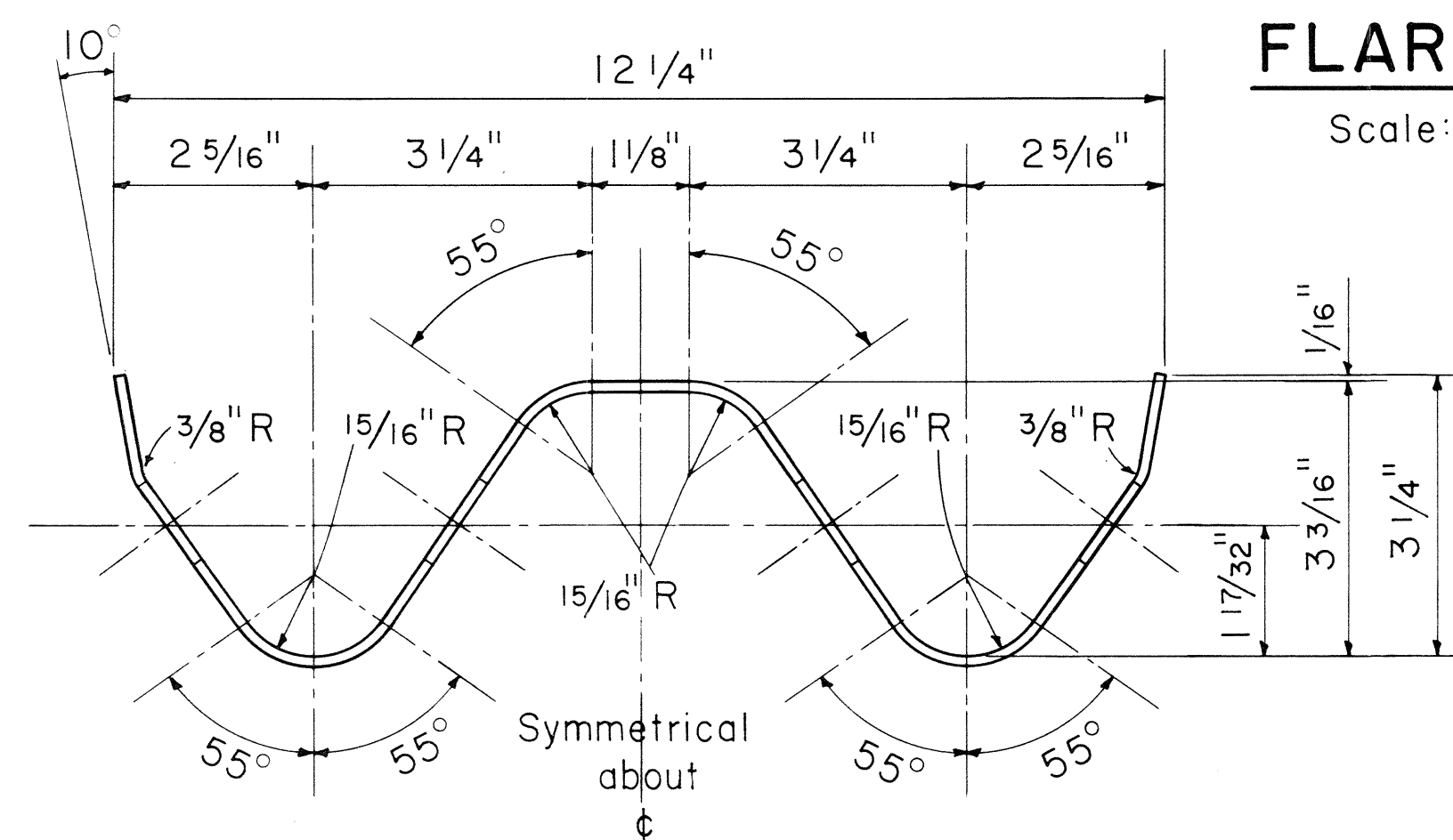
ELEVATION

Scale: $\frac{3}{4}" = 1' - 0"$



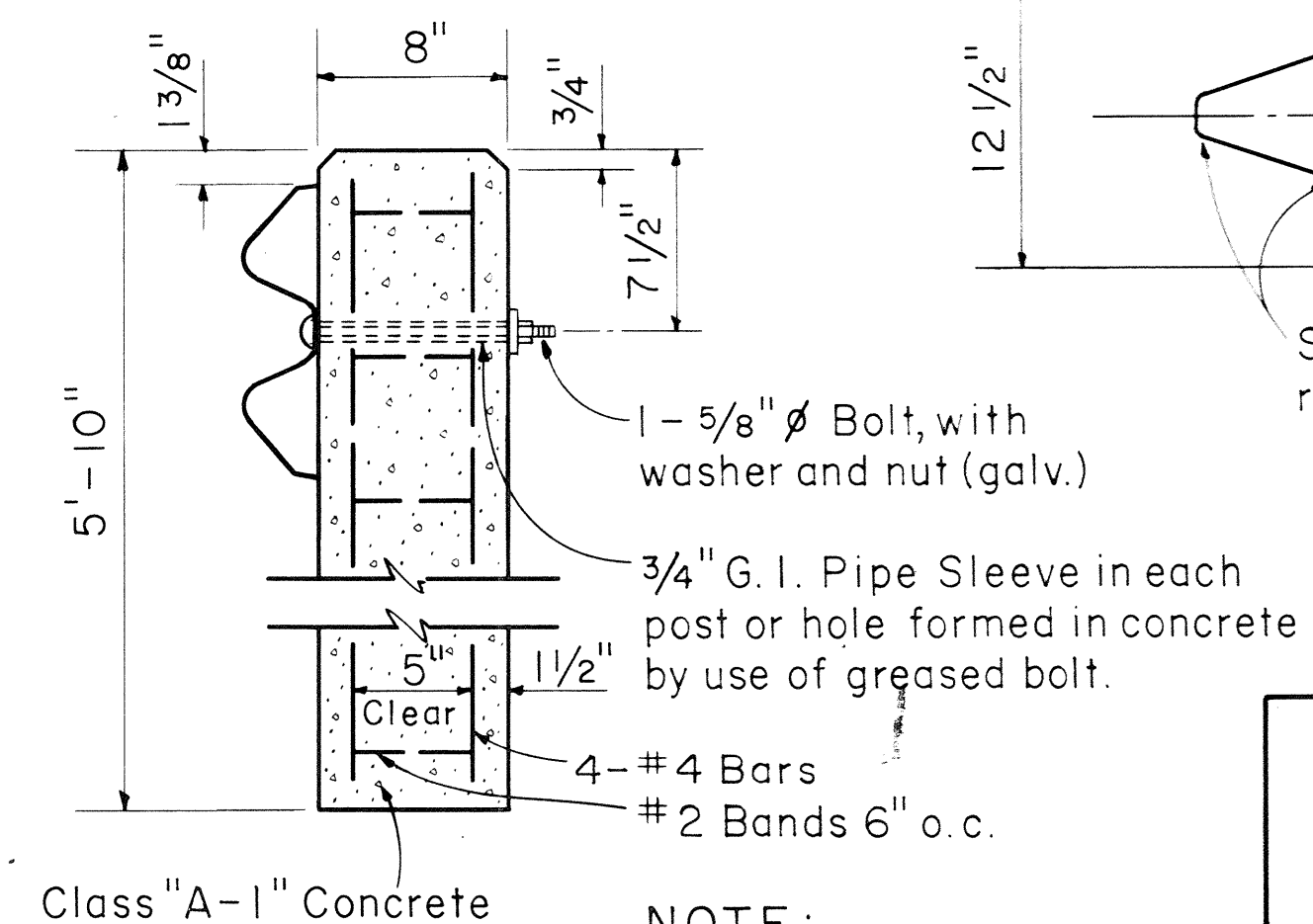
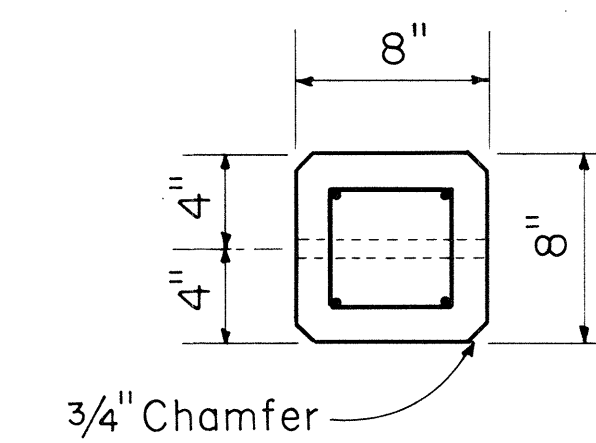
FLARED END

Scale: $1\frac{1}{2}'' = 1' - 0''$



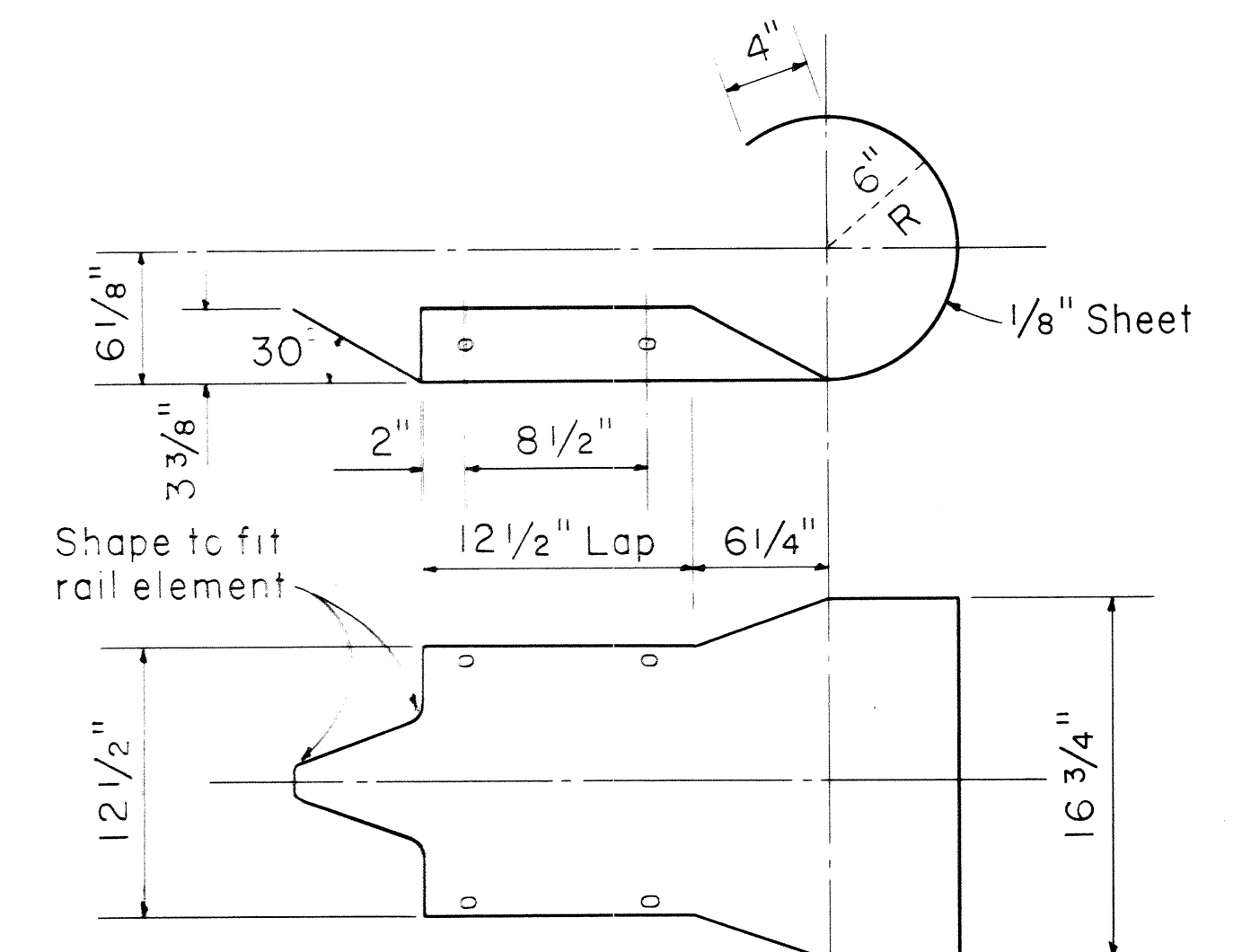
RAIL ELEMENT SECTION

Scale: Half Full Size



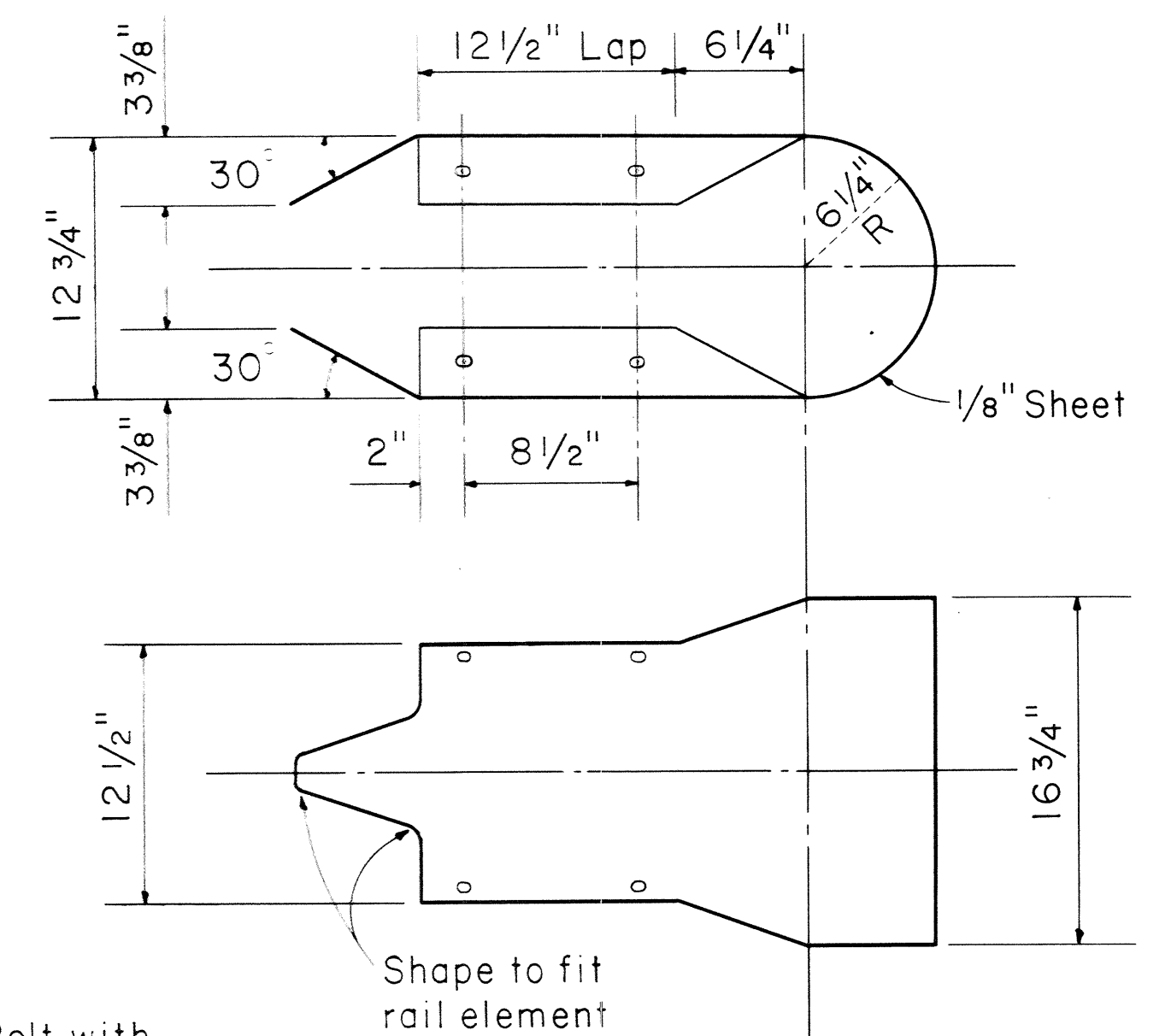
DETAIL OF CONCRETE POST

Scale : $1\frac{1}{2}'' = 1' - 0''$



CURVED END

Scale: $1\frac{1}{2}'' = 1' - 0''$



MEDIAN END

Scale: $1\frac{1}{2}'' = 1' - 0''$

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

METAL GUARD RAIL

KALANIANA'OLE HIGHWAY
PROJECT NO. F-072-1(13)

Scales: As Noted.

Date _____

SHEET NO. OF SHEETS

