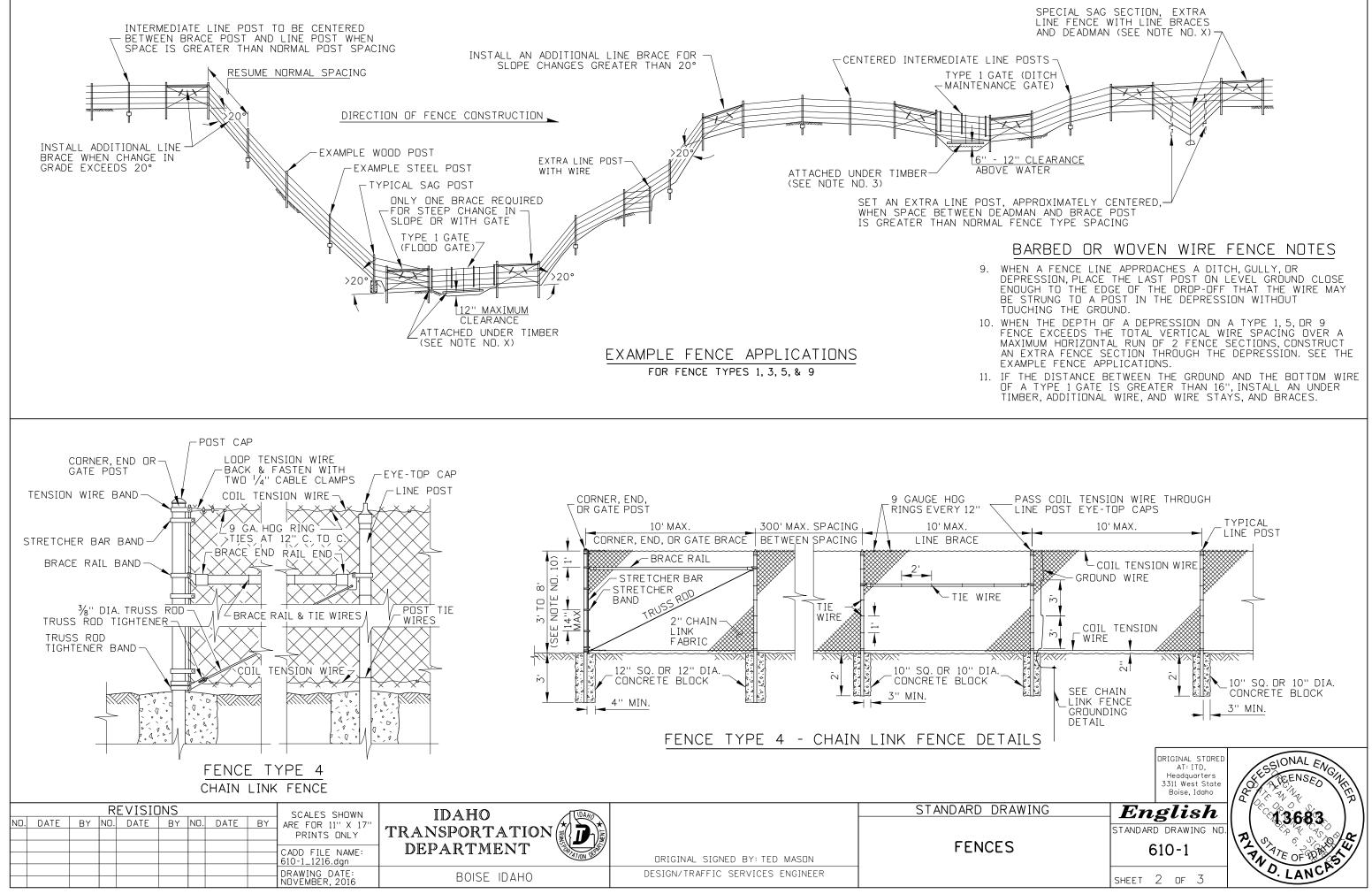
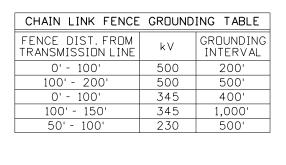


WIRE AND WIRE M	ESH FENC	E GROUND	ING TABLE
FENCE DIST. FROM TRANSMISSION LINE	kV	POST MATERIAL	GROUNDING INTERVAL
0' - 100'	500	ALL	200'
100' - 200'	500	ALL	500'
0' - 100'	345	ALL	400'
100' - 150'	345	ALL	1,000'
50' - 100'	230	ALL	500'



CHAIN LINK	FENCE HARDWARE TABLE	=
CORNER, END AND GATE POSTS	SEE STANDARD SPECIFICATIONS FOR HIGHWAY CONST.	CHAIN LINK FEN
LINE POST	SEE STANDARD SPECIFICATIONS FOR HIGHWAY CONST.	FENCE DIST. FROM
BRACE RAIL/TOP RAIL	SEE STANDARD SPECIFICATIONS FOR HIGHWAY CONST.	TRANSMISSION LIN
POST CAP	CAST NON-FERROUS ALLOY OR GALVANIZED PRESSED STEEL CAP. MUST FIT SNUGGLY ON POST.	100' - 200' 0' - 100' 100' - 150'
ЕЧЕ-ТОР САР	GALVANIZED PRESSED STEEL MIN. 3^{\prime}_{32} " THICKNESS OR GALVANIZED MALLEABLE FERROUS ALLOY	50' - 100'
STRECHER BAR BAND	CLASS 1 - MIN. $\frac{1}{8}$ " x $\frac{3}{4}$ " MIN. GALVANIZED STEEL CLASS 2 - MIN. $\frac{3}{32}$ " x $\frac{5}{6}$ " MIN. GALVANIZED STEEL	-
TENSION WIRE/BRACE BAND	CLASS 1 - MIN. $\frac{1}{8}$ " x $\frac{3}{4}$ " MIN. GALVANIZED STEEL CLASS 2 - MIN. $\frac{3}{32}$ " x $\frac{5}{6}$ " MIN. GALVANIZED STEEL	COIL TENSION WIRE TWISTED SELVAGE (AFTER)-
BAND BOLT	CLASS 1 - $\frac{5}{6}$ " DIA. x 1 $\frac{3}{4}$ " GALV. CARRIAGE BOLT CLASS 2 - $\frac{3}{8}$ " DIA. x 1 $\frac{1}{4}$ " GALV. CARRIAGE BOLT, (LOCK WASHER & FLAT WASHER FOR EACH BAND)	HDG RING
RAIL END	GALVANIZED PRESSED STEEL OR GALVANIZED MALLEABLE FERROUS ALLOY MIN. 3/8" THICKNESS ON BACK BOLTING APPENDAGE	
BRACE END	GALVANIZED PRESSED STEEL OR GALVANIZED MALLEABLE FERROUS ALLOY MIN. %" THICKNESS ON BACK BOLTING APPENDAGE	WIRE SE
TRUSS ROD TIGHTENER	CLASS 1 - MIN. $\frac{3}{8}$ " FORMED GALVANIZED STEEL CLASS 2 - MIN. $\frac{1}{4}$ " FORMED GALVANIZED STEEL	
TRUSS ROD	3/8" GALVANIZED, NC TREADED ROD, LOCK WASHER, & FLAT WASHER WITH TWO 90° BENDS OPPOSITE OF TREADED END	
TOP RAIL SLEEVE	GALVANIZED STEEL, NOT TO BE USED ON R/W FENCES, MUST MEET REQUIRED PIPE THICKNESSES	SEE NOTE NO
TENSION BAR	CLASS 1 - MIN. $\frac{1}{8}$ " x $\frac{3}{4}$ " GALVANIZED STEEL CLASS 2 - MIN. $\frac{1}{8}$ " x $\frac{5}{16}$ " GALVANIZED STEEL	
FENCE FABRIC	2" GALVANIZED DIAMOND MESH STEEL FABRIC	
TIE WIRES	MIN. 9 GAUGE ALUMINUM WITH ONE HOOKED END	
COIL TENSION WIRE	MIN. 7 GAUGE	
BARBED WIRE & 3-WIRE BARBARM	BARBED WIRE: 14 GAUGE SPACED GALVANIZED MEDIUM CARBON STEEL WIRE WITH BARBS SPACED AT 5" C. to C. GALVANIZING SHALL CONFORM TO APPLICABLE A.S.T.M. DES. A-121-66 FOR ZINC-COATED & AASHTO M 280 SPECIFICATIONS. 3-WIRE BARBARM: BARBWIRE ARM (ONE PIECE "Z" CUT) FITS 1%" O.D. POST, 1%" TOP RAIL" FITS 2 '/2" O.D. POST, 15%" TOP RAIL" FITS 2 '/2" O.D. POST, 15%" TOP RAIL" FITS 3" O.D. POST, 15%" TOP RAIL"	MIN. 8' x 5%" GROUNDING ROD CHAIN LINK F GROUNDING D



COIL TENSION WIRE

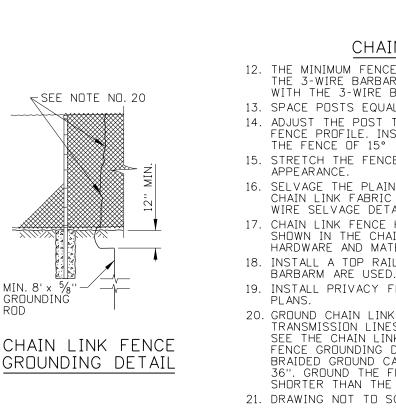
KNUCKLED SELVAGE

(BEFORE)

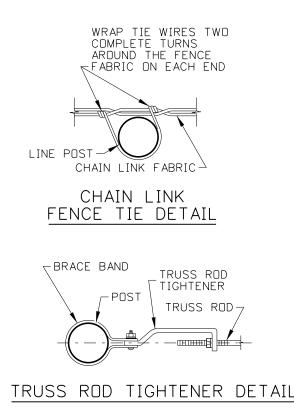
PLAIN WIRE END

(AFTER)

WIRE SELVAGE DETAIL (SEE NOTE NO. 16)



	REVISIONS								SCALES SHOWN	IDAHO IVA		STANDARD DRAW
Ŀ	IO. DATE	BY	NO.	DATE	ΒY	NO.	DATE	BY	ARE FOR 11" X 17"			
									PRINTS ONLY	TRANSPORTATION		E E NO E O
┢									CADD FILE NAME:	DEPARTMENT	ORIGINAL SIGNED BY: TED MASON	FENCES
									610-1_1216.dgn DRAWING_DATE:		DESIGN/TRAFFIC SERVICES ENGINEER	-
									NOVEMBER, 2016	BOISE IDAHO	DESIGNATION SERVICES ENGINEER	



CHAIN LINK FENCE NOTES

12. THE MINIMUM FENCE HEIGHT IS 8' WHEN BARBED WIRE AND THE 3-WIRE BARBARM ARE USED. DO NOT USE RAZOR WIRE WITH THE 3-WIRE BARBARM.

13. SPACE POSTS EQUAL DISTANCES APART, 10' MAXIMUM SPACING.

14. ADJUST THE POST TOP ELEVATIONS TO PROVIDE A SMOOTH VISUAL FENCE PROFILE. INSTALL CORNER POSTS AT HORIZONTAL BREAKS IN THE FENCE OF 15° OR MORE.

15. STRETCH THE FENCE FABRIC SMOOTH SO THAT IT HAS A UNIFORM APPEARANCE.

16. SELVAGE THE PLAIN WIRE ENDS ON THE TOP AND BOTTOM OF THE CHAIN LINK FABRIC BY THE TWISTED OR KNUCKLED METHOD. SEE WIRE SELVAGE DETAIL.

17. CHAIN LINK FENCE HARDWARE MAY VARY SOMEWHAT FROM THAT SHOWN IN THE CHAIN LINK FENCE HARDWARE TABLE. ENSURE THAT HARDWARE AND MATERIALS USED ARE UNIFORM AND COMPATIBLE. 18. INSTALL A TOP RAIL WHEN BARBED WIRE AND THE 3-WIRE

19. INSTALL PRIVACY FENCE SLATS IF SHOWN ON PROJECT

20. GROUND CHAIN LINK FENCES THAT ARE NEAR POWER TRANSMISSION LINES OR THAT INTERSECT TRANSMISSION LINES. SEE THE CHAIN LINK FENCE GROUNDING TABLE AND CHAIN LINK FENCE GROUNDING DETAILS. TO GROUND, CONNECT 6 GAUGE BRAIDED GROUND CABLE TO THE CHAIN LINK FABRIC EVERY 36". GROUND THE FENCE ONCE IF THE FENCE SECTION IS SHORTER THAN THE GROUNDING INTERVAL. 21. DRAWING NOT TO SCALE.

