

SHOTCRETE AS APPROVED BY VTRANS GEOLOGIST

OVERHANG

STEEL BEARING PLATE, 5'x5'x0.75\", GALVANIZED

3\" (MIN.) 6\" (MIN.)

EPOXY GRADE 75 GRADE 150

1.0'Ø GALVANIZED, GRADE 100, ALL THREAD STEEL BAR, SPACED 4' ON CENTERS BELOW OVERHANG (AT LOCATIONS DETERMINED BY VTRANS GEOLOGIST)

LOW SLUMP SAND-CEMENT OR EQUIVALENT

2' (MIN.)

PAY LIMIT

LOCKNUTS (2), GALVANIZED (ON BOTH SIDES OF PLATE)

ONE LAYER OF 4\"x4\", W4.0/4.0 WELDED WIRE MESH

#4 HORIZONTAL WALER REBAR (AS NEEDED)

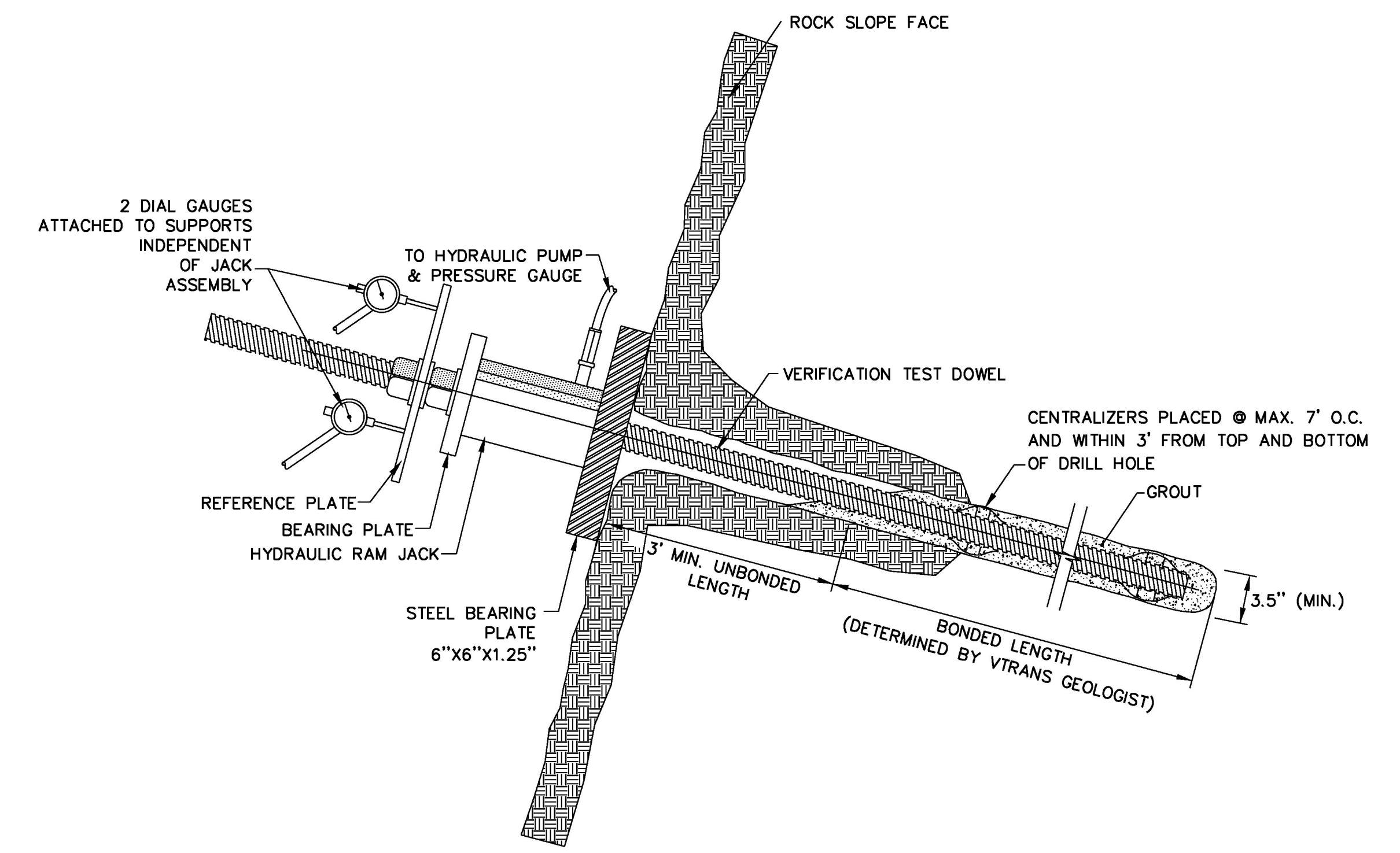
2\" DIA. (MIN.) DRILL HOLE DRAIN AS DIRECTED BY VTRANS GEOLOGIST
DRAIN HOLE TO BE ANGLED UP 10 DEG. (MIN.)
SHOTCRETE DRAIN HOLE INCIDENTAL TO PAY ITEM SPECIAL PROVISION (SHOTCRETE)

3.5\" (MIN.)

ANGLE TO BE DETERMINED BY VTRANS GEOLOGIST (MIN. ANGLE 10 DEGREES DOWN FROM HORIZONTAL)

TYPICAL SHOTCRETE BUTTRESS
DETAIL WITH ROCK NAILS FOR
SHOTCRETE

PAY ITEMS 900.608 SPECIAL PROVISION (SHOTCRETE) AND
900.640 SPECIAL PROVISION (ROCK NAIL FOR SHOTCRETE)



TYPICAL PULL-OUT TEST
ROCK DOWEL DETAIL

PAY ITEM 900.645 SPECIAL PROVISION (ROCK DOWEL TESTING)

NOT TO SCALE

REVISION	DATE	DESCRIPTION
1	04-07-2017	ADDED PAY LIMIT DIMENSION

PROJECT NAME: COVENTRY	PLOT DATE: 10-APR-2017
PROJECT NUMBER: STP 0113(66)	DRAWN BY: S. ZWICK
FILE NAME: d10c114de+.dgn	CHECKED BY: C. LEACH
PROJECT LEADER: K. UPMAL	SHEET 6 OF 29
DESIGNED BY: S. ZWICK	
DETAIL SHEET 2	