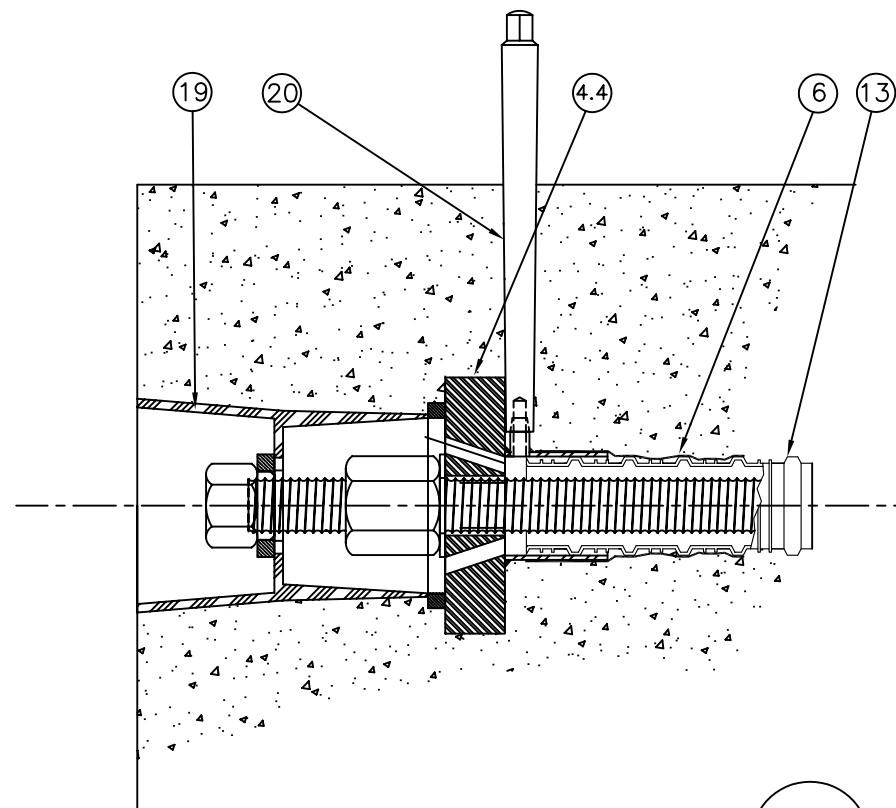
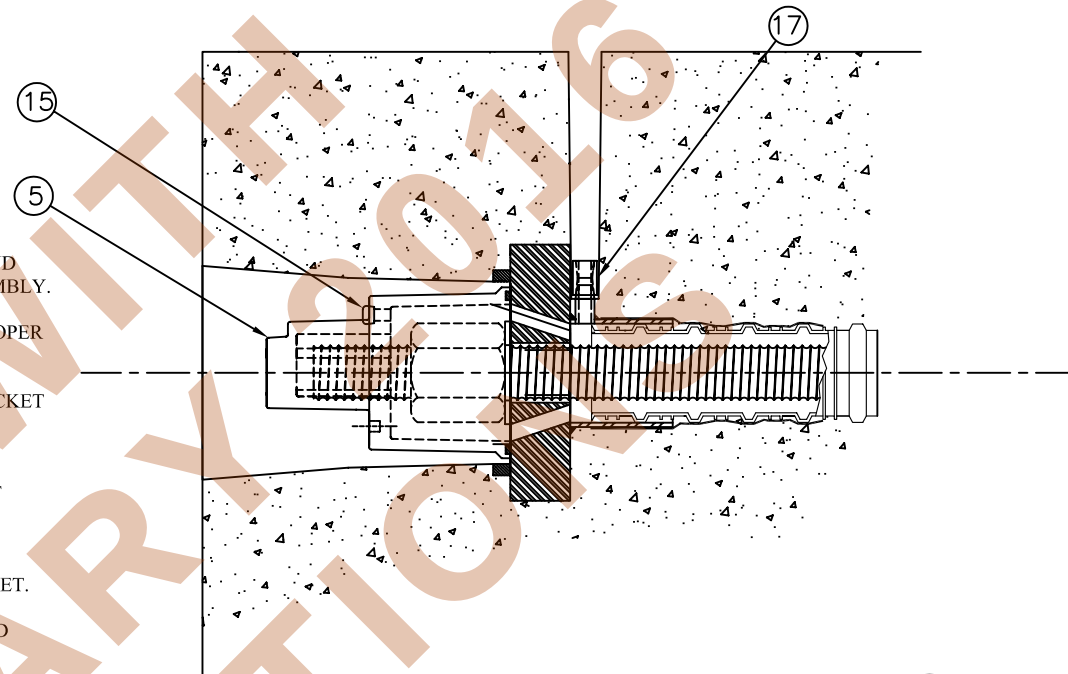




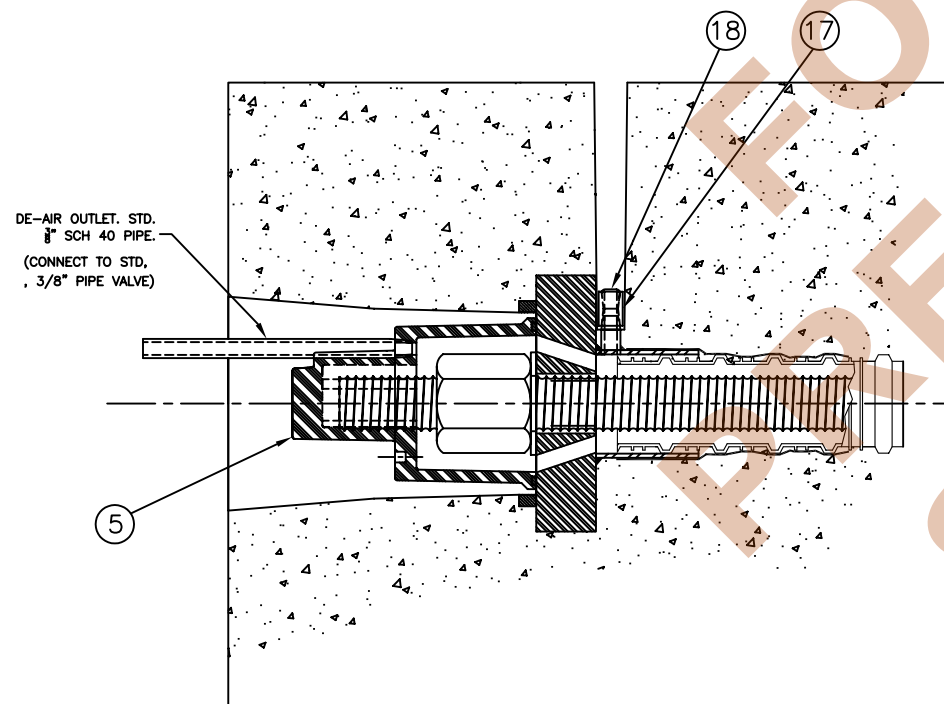
FORMING ASSEMBLY DETAIL
HORIZONTAL

1



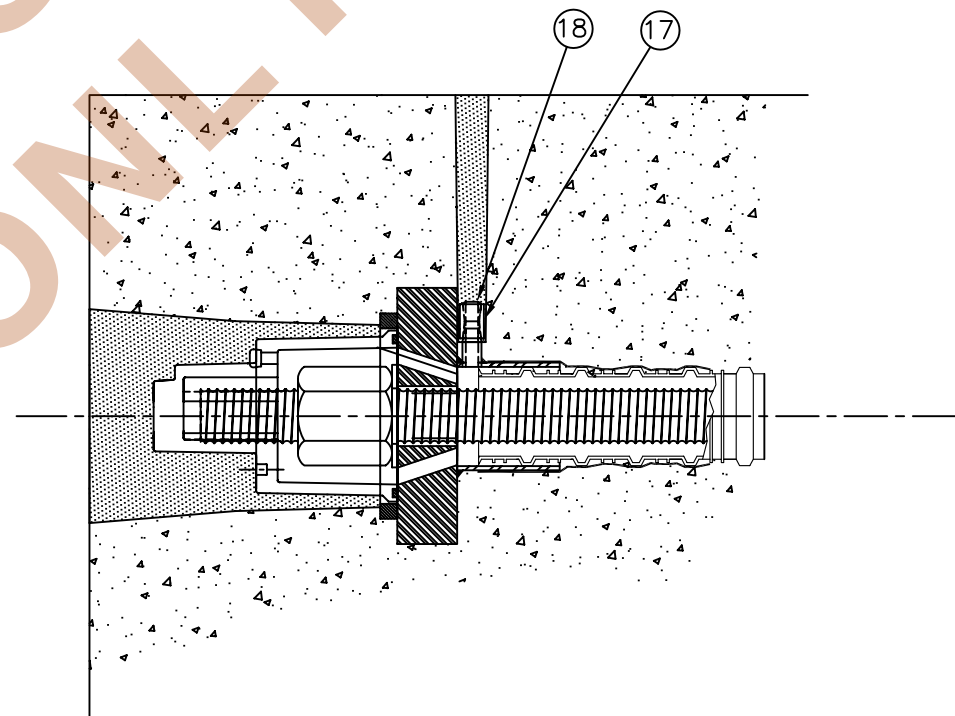
INSPECTION PORT DETAIL
HORIZONTAL

3



GROUT SETUP DETAIL
HORIZONTAL

2



FINISHED ASSEMBLY DETAIL
HORIZONTAL

4

STEP 1-

1.1 INSTALL WMS. TEMPLATE BOLT (20) AND POCKET FORMER (19) TO ANCHORAGE ASSEMBLY.

STEP 2- ALLOW CONCRETE TO ACHIEVE PROPER PSI STRENGTH.

2.1 REMOVE TEMPLATE BOLT (20)* AND POCKET FORMER. (19).
*see note 1.

2.2 CUT NEOPRENE POCKET FORMER GASKET BACK TO TAPER OF POCKET.

2.3 INSTALL NYLON END CAP ASSEMBLY. (5)
**see note 2. APPLY GREASE TO O-RING GASKET.

2.4 INSTALL INSPECTION PORT PLUG (18) AND COUPLING (17) INTO INSPECTION PORT,

2.5 INSTALL PLUG (15) INTO NYLON END CAP (5).

STEP 3- AFTER TENSIONING, GROUT TENDON & ALLOW GROUT TO ACHIEVE PROPER PSI STRENGTH:

3.1 REMOVE DE-AIR TUBE, AND VALVES.

3.2 INSTALL PLUG IN $\frac{3}{8}$ " SS316 PIPE PLUG.(15) IN NYLON END CAP AND $\frac{1}{4}$ " SS316 PIPE PLUG (18) IN COUPLING (17).

AT TIME OF GROUT INSPECTION:

3.3 REMOVE PLUGS TO DRILL INSPECTION HOLE BEHIND PLATE AND NYLON END CAP AS REQUIRED PER STANDARD DOT SPECIFICATIONS (see note 3).

STEP 4- AFTER INSPECTION IS COMPLETE.

4.1 INSTALL SS316 PLUGS BACK INTO INSPECTION HOLE AND NYLON END CAP.

4.2 EPOXY GROUT INSPECTION PORT AS REQUIRED PER STANDARD DOT SPECIFICATION.

4.3 FILL ANCHORAGE POCKET AS REQUIRED PER STANDARD DOT SPECIFICATION.

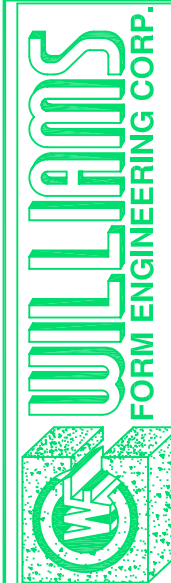
NOTE 1*: STEP 2.1, TEMPLATE BOLT MAY BE LEFT IN PLACE UNTIL STEP 3.2, SKIPPING STEP 2.4.

NOTE 2**: POSITION ONE OF THE THREE RECESSED START HOLES IN HIGHEST POINT OF CAP. DRILL $\frac{7}{16}$ " DIAMETER HOLE THRU CAP IN START HOLE AND TAP FOR $\frac{3}{8}$ "NPT THREAD. APPLY 30-50 FT.LBS. TO END CAP.

NOTE 3: DRILL INSPECTION PORT HOLE THROUGH GROUT WITH $\frac{5}{16}$ " DRILL, FOR 6MM SCOPE.

CUSTOMER
PROJECT

R7P POST-TENSIONING SYSTEM LAYOUT
HORIZONTAL ASSEMBLY DETAILS



SHEET TITLE

R7P
POST-TENSIONING
SYSTEM LAYOUT

HORIZONTAL
ASSEMBLY
DETAILS

DRAWN BY: RHT
SCALE: NONE
DATE: 10-7-04
E.C.O. NO.: 440-101
APPR. NO.:
DSGN. BY: RHT
TECH REP.: 00

SHEET NO.

6 OF 6

PRINT NO.

1-R7P-001

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