WEEP HOLES.

MINIMUM HEIGHT OF 2'-6" ABOVE IGNEOUS ROCK, NO LIMESTONE, FILTER AGGREGATE SHALL BE

VALVE & BOX

6" GATE

BLOCKING AND ANCHORING

FILTER CLOTH OR PLASTIC

COVER FILTER AGGREGATE WITH

NUT TYPE CAP

FINISH GROUND ELEVATION

(GRADE)-SEE PLANS

WATEROUS "PACER" HYDRANT

2" MIN. GROUND CLEARANCE

FILTER AGGREGATE SHALL BE IGNEOUS ROCK, NO LIMESTONE, MINIMUM HEIGHT OF 2'-6" ABOVE WEEP HATURES.

HYDRANT INSTALLATION

CLEARANCE

2" MIN. GROUND CLEARANCE

24"

WATEROUS "PACER" HYDRANT

7' MIN. COVER

6" D.I.P.

SOLID CONCRETE BLOCK

MEGALUG RESTRAINT @ EVERY JOINT

GATE VALVE, BONNET, BOLTS AND ALL OTHER BOLTS ON VALVE MUST BE 304 S.S. EPOXY COATED INSIDE AND OUT W/6-8 MIL THICKNESS

NOTE: GATE VALVE, BONNET, BOLTS AND ALL OTHER BOLTS ON VALVE MUST BE 304 S.S. EPOXY COATED INSIDE AND OUT W/6-8 MIL THICKNESS

GATE VALVES PLACED WHERE THE WATERMAIN COVER IS MORE THAN 7' WILL REQUIRE AN OPERATING NUT EXTENSION ROD TO MAINTAIN 6' BETWEEN THE OPERATING NUT AND THE FINISHED SURFACE. EXTENSION ROD TO BE MADE OF STEEL AND CENTERED IN VALVE BOX. (INCIDENTAL)

NOTE: SEE GATE VALVE ADAPTOR DETAIL

NO WATERMAIN BENDS OR SLEEVES ALLOWED

SACRIFICIAL ZINC ANODE CAPS MEETING THE REQUIREMENTS OF ASTM B418-88, TYPE II. CONTRACTORS SHALL INSTALL A MINIMUM OF 2 CAPS PER MECHANICAL JOINT GLAND INSTALLED.

HYDRANT INSTALLATION

NOT TO SCALE

SAINT PETER STANDARD

PLATE 6001

HYDRANT INSTALLATION

STANDARD DETAIL

PLATE NO:

6001

APPROVED: ADOPTED BY CITY COUNCIL ON JANUARY 12, 2004

REVISED: REVISION ADOPTED BY CITY COUNCIL ON APRIL 09, 2018

REMARKS:

SAINT PETER UTILITY STANDARD DETAIL