

1. MAXIMUM BARREL EXTENSIONS ARE 18 INCHES AND SHALL BE WATEROUS EXTENSION FOR WATEROUS HYDRANTS.

FIRE HYDRANT SETTING

ALL HYDRANTS ARE TO BE SUPPLIED WITH A 6" FLANGED AND MECHANICAL JOINT AUXILIARY VALVE THAT CONFORMS TO AWWA 500-BO. ALL TRIM BOLTS ARE TO BE STAINLESS STEEL.

3. ALL BELOW GRADE FASTENERS TO BE STAINLESS STEEL: A. BOLTS AND THREADED RODS - GRADE #304 B. NUTS AND WASHERS - GRADE #300

4. MEGA-LUG RETAINERS MUST BE INSTALLED ON ALL MECHANICAL FITTINGS.

NOT TO SCALE VILLAGE OF VILLA PARK REV: DATE: REV: RMS DATE: JUL 2004 DRAWN BY: VV DATE: JAN 2003

NOT TO SCALE

VILLAGE OF VILLA PARK

WATER - 14

WATER - 04

S, WINIWAM 1' MINIMUM GRADE WATER" ON LID BUFFALO BOX SIDEWALK MUELLER H-10302 MINNEAPOLIS PATTERN BUFFALO BOX ADAPTER H 10343 550500 NOTE: CLOSE EXISTING CURB STOP AND CONNECT EXISTING SERVICE PIPE TO NEW CURB STOP, REMOVE EXISTING SERVICE BOX. DIRECT CONNECTION EXISTING WATER SERVICE PIPE (VARYING MATERIAL AND DIAMETER) CURB STOP COUPLING BRASS COUPLING (AND REDUCER IF NEEDED) CORPORATION STOP COUPLING MUELLER H-1500 WATER MAIN

2. CURB STOP MUST BE INSTALLED PERPENDICULAR TO BUILDING.

SEWER BERVICE LATERAL REPAIR, G EXCAVATED MATERIAL OR GRANULAR TRENCH BACKFILL AS REQUIRED POLYVINYL EX. SAN SEWER - BAND SEAL COUPLINGS TRANSITION FITTING GRANULAR BEDDING WHERE APPLICABLE, STABILIZE TRENCH BOTTOM BY REPLACING UNSUITABLE MATERIAL WITH CA-1 LIMESTONE

INSTALLATION

GENERAL NOTES:

REV: DATE: REV: RMS DATE: JUL 2004 DRAWN BY: VV DATE: JAN 2003

VILLAGE OF VILLA PARK

WATER - 12 (MODIFIED)

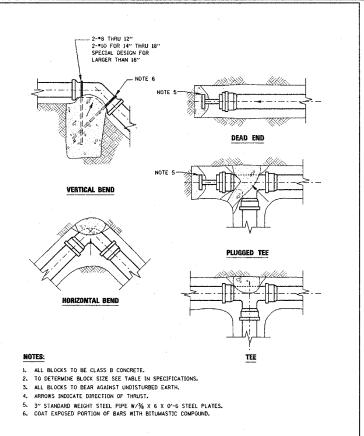
NOT TO SCALE

- GRANULAR TRENCH BACKFILL SHALL BE MECHANICALLY COMPACTED IN LAYERS OF 12" MAXIMUM, LOOSE MEASURE, TO 95% OF STANDARD MAXIMUM DENSITY (ASTM D 698)
- 2. EXCAVATED MATERIAL USED FOR BACKFILL SHALL BE MECHANICALLY COMPACTED IN LAYERS OF 18" MAXIMUM, LOOSE MEASURE, TO 90% OF STANDARD MAXIMUM DENSITY (ASTM D 698)

3. SANITARY SEWER LATERALS SHALL BE REPLICED IN AREAS OF WATERMAIN TRENCHES, WORK SHALL INCLUDE ALL CONNECTIONS, MATERIALS, LABOR AND EXCAVATION AS SHOWN & DIRECTED BY THE ENGINEER. NOT TO SCALE VILLAGE OF VILLA PARK

SANITARY - 08

2 PRECAST ADJUSTING RINGS MAX ~ -- PLUMB LINE TO OPERATING NUT MUST BE IN THE CENTER OR THE FRAME 2" MIN 12" MAX ADJUSTMENT PRECAST CONCRETE EXTRUDIBLE PREFORMED PLASTIC GASKET MATERIAL AT ALL 48" (8" DIA, PIPE OR LESS) 60" (10" DIA, PIPE OR MORE GATE VALVE WATEROUS AND ALL PRESSURE CONNECTIONS MODEL 2500 TAPPING VALVE WATEROUS FILL ANNULAR
SPACE WITH
EXTRUDIBLE
PREFORMED
PLASTIC
GASKET
MATERIAL.
SEAL
CONNECTION
WITH NON-SHRINK GROUT. -SOLID CONCRETE BLOCK 1. ALL BELOW GRADE FASTENERS TO BE STAINLESS STEEL: A. BOLTS AND THREADED RODS - GRADE *304 B. NUTS AND WASHERS - GRADE *300



STANDARD THRUST BLOCK DETAILS

TYPICAL WATER TAP

Stanley Consultants INC.

REVISIONS NAME VILLAGE OF VILLA PARK, ILLINOIS

SOUTH VILLA AVENUE UTILITY DETAILS

SECTION

STA, 10+70,70

CONTRACT NO. 83781

2652 00-00069-00-PV DUPAGE

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

COUNTY

TO STA. 66+16.00

146 60

SCALE: NONE DATE: 11-NOV-2004

DRAWN BY: E.D. CHECKED BY: J.T.G.

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2. FRAME AND LID: NEENAH R-1015-2000 FRAME NEENAH R-1015-2001 SELF SEALING LID "WATER" TO BE CAST INTO COVER

PROFILE SURVEYED

RADES CHECKED

NOTE BOOK BAM NOTED

NO. STRUCTURE NOTATION

PLAN SURVEYED
NOTE BOOK ALCHMENT CHECKED
NO. CADO FILE NAME

REV: JOATE: REV: FRES DATE: JUL 2004 DRAWN BY: VV DATE: JAN 2003 WATER VALVE IN VAULT