

APPROVED HYDRANTS:

MUELLER A423
M & H 1295 or 929
CLOW F230
WATERUS W67-20
KENNEDY KB1A or KB1D

IF THERE IS AN EXISTING HYDRANT IN THE VICINITY THAT WILL BE DEACTIVATED, REMOVE AND DELIVER HYDRANT TO DISTRICT SHOP. CONFIRM WITH DISTRICT.

HYDRANT PLAN

COMPRESSION TYPE FIRE HYDRANT w/ (1) 4" PCT PUMPER CONNECTION, (2) 2 1/2" HOSE CONNECTIONS, 5/8" MAIN VALVE OPENING, 6" MJ INLET, AND 1/2" PENTAGON OPERATING NUT. PAINT HYDRANT YELLOW. SET HYDRANT PLUMB.

MINIMUM 5' BURY UNLESS OTHERWISE APPROVED BY THE DISTRICT. VERIFY HYDRANT BURY PRIOR TO ORDERING. PROVIDE EXTENSION IF NECESSARY TO ACHIEVE CORRECT GRADE.

WRAP TRACER WIRE THROUGH CHAIN PICKING EYE ON HYDRANT

MINIMUM AREA OF LEVEL GROUND SURFACE

TOUCH UP ANY PAINT DAMAGE ON HYDRANT WITH SAME COLOR EPOXY PAINT

CONCRETE THRUST BLOCK. MIN BEARING AREA = 6 sqft. DO NOT OBSTRUCT DRAIN RINGS.

DUCTILE IRON TEE w/ 6" FLANGE SIDE OUTLET AND BLOCKING

6" RS GATE VALVE (FL&M)

7 cu ft. MINIMUM OF 1/2" WASHED GRAVEL RETAINED ON A 3/4" MESH FOR DRAIN. PLACE 6mi PLASTIC OR FILTER FABRIC OVER TOP AND SIDES OF SUMP.

16"x8"x4" MIN CONCRETE BLOCK

RESTRAIN HYDRANT RUN. SHACKLE RODS MAY ONLY BE USED FOR PIPE RUNS UNDER 15 FEET (OR APPROVED EQUAL) MAY BE USED FOR FITTING RESTRAINT. FOR LENGTHS REQUIRING 2 OR MORE PIPES, PIPE JOINT(S) SHALL BE RESTRAINED USING US-PIPE FIELD-LOCK GASKET OR APPROVED EQUAL.

6" CL 52 DI PIPE, LTF. HYDRANT AND GATE VALVE TO HAVE LUGS, OR USE EYE BOLTS

2" TO 4"

2" PE PIPE, STRAP TO 2x4 FOR ALIGNMENT.

1" THICK x 36" WIDE BLUEBOARD INSULATION 2" MUELLER CORP STOP, MP

6" MIN.

5/8" DRAIN ROCK COVER TOP AND SIDES WITH FILTER FABRIC

STREET ELL WITH CTS HOPE ADAPTER

DOUBLE STRAP SERVICE SADDLE w/ 2" IPS TAP TO RT

2" PE PIPE, STRAP TO 2x4 FOR ALIGNMENT.

2" PVC PIPE AND FITTINGS

PVC UNION

SOFT SEAT COMBINATION AIR RELEASE/VACUUM VALVE (THREADED). SIZE AS REQUIRED BY DISTRICT. CL-A VAL (AFPC) No. 1452-102333 OR 1452-102333, OR VAL-MATIC MODEL 201.C OR 202.C, NO SUBSTITUTIONS.

6" LENGTH NIPPLE

90° BEND

UNION

SIZE AS NEEDED 2" SIZE

2" BALL CURB STOP

HYDRANT ELEVATION

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UNION

SIZE AS NEEDED 2" SIZE

2" BALL CURB STOP

HYDRANT PLAN

SEE STANDARD DETAIL W-23 FOR ADDITIONAL DETAILS INCLUDING LOCATION REQUIREMENTS.

ALL HYDRANTS SHALL BE DOUBLE RESTRAINED. WHERE THRUST BLOCKING IS NOT PRACTICAL, SHACKLES AND MECA-LUG EQUIVALENTS ARE REQUIRED.

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IF THERE IS AN EXISTING HYDRANT IN THE VICINITY THAT WILL BE DEACTIVATED, REMOVE AND DELIVER HYDRANT TO DISTRICT SHOP. CONFIRM WITH DISTRICT.

TYPICAL HYDRANT LOCATIONS

PROPERTY LINE FOR SQUARE INTERSECTION

PROPERTY LINE OF LARGE PARCEL OF LAND

PROPERTY LINE OF SINGLE SMALL LOTS (LESS THAN 300' WIDE)

IF HYDRANT CANNOT BE LOCATED WITHIN ROW WITH 3' CLEAR, AN EASEMENT MUST BE PROVIDED.

4" THICK CONCRETE APRON, 24" RADIUS, WHEN REQUIRED BY DISTRICT

MIN 36"

MIN 24"

SIDWALK

LOT LINE

IN CUL-DE-SAC

HYDRANTS SHALL BE INSTALLED AT THE END OF ALL 8" DIAMETER AND LARGER DEAD END MAINS.

CONCRETE GUARD POST EQUAL TO THAT OF THE METER SEAL CO. PAINT WHITE.

MINIMUM AREA OF LEVEL GROUND SURFACE

TOUCH UP ANY PAINT DAMAGE ON HYDRANT WITH SAME COLOR EPOXY PAINT

CONCRETE, OR, IF CONCRETE IS NOT SPECIFIED, EARTH BACKFILL SHALL BE COMPACTED IN 6" LAYERS

GUARD POST PLAN

GUARD POST ELEVATION

HILL CUT

SLOPE FILL

ONE MAN ROCK, "KEYSTONE" BLOCK OR DISTRICT APPROVED EQUAL.

SLOPE AS REQUIRED FOR STABILITY

3'-0" MIN.

MIN. CLEARANCE 3'-0" RADIUS

ONE MAN ROCK, "KEYSTONE" BLOCK OR DISTRICT APPROVED EQUAL.

SLOPE AS REQUIRED FOR STABILITY

3'-0" MIN.

LEVEL FOR 3'-0" RADIUS MINIMUM.

CONCRETE GUARD POST SEE FIRE HYDRANT DETAIL

CONCRETE GUARD POST SEE FIRE HYDRANT DETAIL

BELOW GRADE INSTALLATION

VALVE MARKER POST SEE DRAWING W-12

ECLIPSE BLOW-OFF HYDRANT MAIN GUARD #78 W/42" BURY.

2.5" OUTLET

TRACER WIRE CONNECT TO WATER MAIN AND LOOP IN VAULT

MAX. 6" TOTAL OF RISERS ALLOWED.

LOCK BY DISTRICT

4" 3034 SEMER PVC RISER WITH CAP. SLOT PIPE AROUND VALVE. CROSS-CUT SLOT IN CAP FOR EASE OF REMOVAL.

H2 PRE-CAST TAPER TOP METER VAULT. FILL LIFTING HOLES WITH FOAM.

CAP OR PLUG WITH 2" IPS TAP.

2" CLOSE NIPPLE

2" PE PIPE 40' LENGTH MAX. USE TRACER WIRE (12 AWG SOLID UP)

2" 90° BEND

2" STREET "L"

2" STEEL SWING JOINT (3 BENDS)

BACKFILL BASE WITH 1 CU. YD. OF DRAIN ROCK. COVER SIDES WITH FILTER FABRIC.

BRASS PE PIPE

ECLIPSE MAIN GUARD #77 BLOW OFF HYDRANT

CAST IRON VALVE BOX

48" MIN.

CONCRETE GUARD POST SEE FIRE HYDRANT DETAIL

ABOVE GRADE INSTALLATION

SEE ABOVE FOR ADDITIONAL DETAIL

1. SEE DETAIL W29 FOR VAULT INSTALLATION REQUIREMENTS.

2. CAP OR PLUG ON WATER MAIN TO BE RESTRAINED PER W-16, BY STANDARD THRUST BLOCK OR DEADMAN THRUST BLOCK AS SPECIFIED ON THE PLANS.

3. CONTACT WATER DISTRICT TO DETERMINE WHETHER THE ABOVE GRADE OR BELOW GRADE HYDRANT IS TO BE USED FOR EACH INSTANCE.

4. PLACEMENT OF HYDRANT TO BE VERIFIED WITH DISTRICT PRIOR TO INSTALLATION. DISTRICT MAY REQUIRE A MINIMUM 3' RADIUS CLEAR ZONE AROUND HYDRANT AND THE INSTALLATION OF GUARD POSTS. DETERMINATION WILL BE MADE ON A PER INSTALLATION BASIS.

PERMANENT BLOW-OFF HYDRANT

WATER MAIN

TAP SHALL NOT BE SMALLER THAN BLOW OFF SIZE. CUSTOM TAP MAY BE REQUIRED.

CURB STOP, SEE BELOW

GALVANIZED IRON PIPE - LENGTH TO FIT

CLOSE NIPPLE

90° BEND

CUT DI PIPE SECTION FOR SPACER. SELECT PIPE DIAMETER AS NECESSARY TO FIT IN CAP OR PLUG SEAT AREA. NOTCH FOR BLOW OFF PIPE AND VALVE ACCESS

STEEL BEARING PLATE BETWEEN SPACER AND BLOCK

TEMPORARY BLOCKING OR DEADMAN BLOCK

OPTION 1 - PLAN (2" BLOW OFF SHOWN)

3D VIEW

OPTION 2 - PLAN

MJ PLUG w/ 3/4" TAP

3" STREET L

3"x2" REDUCER

2" VALVE AND BLOW OFF

90° BEND, SCREWED AND PLUG.

2" GALVANIZED IRON PIPE, THREADED, LENGTH TO FIT

STOP AND DRAIN CURB STOP. FIBER EQUAL TO MUELLER M-10284 FORD B11-777-5M

1 CY DRAIN ROCK

SWING JOINT (3 BENDS)

1" CY DRAIN ROCK

CONCRETE GUARD POST SEE FIRE HYDRANT DETAIL

ELEVATION (2" BLOW OFF SHOWN)

1. THIS DETAIL IS NOT TO BE USED IN SITUATIONS WHERE THE BLOW-OFF MAY STAY IN THE GROUND FOR A PERIOD OF MORE THAN ONE YEAR.

2. MINIMUM BLOW OFF SIZE SHALL BE 2" FOR 8" AND SMALLER MAINS. 3" OR DOUBLE 2" BLOW OFF FOR 10" AND 12" MAINS. 4" BLOW OFF ON 14" AND LARGER MAINS. LARGER BLOW OFFS MAY BE REQUIRED DEPENDING ON AVAILABLE SYSTEM PRESSURE.

3. PE PIPE AND FITTINGS MAY BE USED ON ONE SIDE OF CURB STOP. GALV MUST BE USED ON AT LEAST ONE SIDE.

East Wenatchee Water District

File: EMDTW15 Revised: MAY 2, 2018 Printed: MAY 2, 2018

WATER SYSTEM STANDARD DETAIL

FIRE HYDRANT

DRAWING NO. W-02 SHEET NO. 9

East Wenatchee Water District

File: EMDTW6 Revised: JUN 14, 2004 Printed: JUL 18, 2008

WATER SYSTEM STANDARD DETAIL

HYDRANT LOCATIONS

DRAWING NO. W-23 SHEET NO. 10

East Wenatchee Water District

File: EMDTW7 Revised: JUN 2, 2015 Printed: JUN 2, 2015

WATER SYSTEM STANDARD DETAIL

PERMANENT BLOW-OFF HYDRANT

DRAWING NO. W-08 SHEET NO. 11

East Wenatchee Water District

File: EMDTW11 Revised: MAR 19, 2012 Printed: MAR 19, 2012

WATER SYSTEM STANDARD DETAIL

CONSTRUCTION BLOW-OFF ASSEMBLY

DRAWING NO. W-09 SHEET NO. 12

COMBINATION AIR VALVE ASSEMBLY

2" REFLECTOR ON EACH FACE, 4" FROM TOP

6"x6" PRESSURE TREATED POST. ATTACH PIPE TO POST WITH STAINLESS STEEL STRAPS & HARDWARE.

H2 PRE-CAST TAPER TOP METER VAULT AND 18" BASE. FILL LIFTING HOLES WITH FOAM. MAX OF 6" TOTAL LID ADJUSTMENT RISERS ALLOWED.

TRACER WIRE. CONNECT TO WATER MAIN AND LOOP IN VAULT.

LAY FLAT OR FALLING AWAY FROM AIR VALVE

SEE ISOMETRIC BELOW

REAR OR FORM STAKE TO SUPPORT VALVE. 2 MAY BE NEEDED.

2" PIPE, 24" LONG

2" CAP w/ 1/8" HOLE FOR DRAIN

6" MIN.

5/8" DRAIN ROCK COVER TOP AND SIDES WITH FILTER FABRIC

2" PVC PIPE AND FITTINGS

PVC UNION

SOFT SEAT COMBINATION AIR RELEASE/VACUUM VALVE (THREADED). SIZE AS REQUIRED BY DISTRICT. CL-A VAL (AFPC) No. 1452-102333 OR 1452-102333, OR VAL-MATIC MODEL 201.C OR 202.C, NO SUBSTITUTIONS.

6" LENGTH NIPPLE

90° BEND

UNION

SIZE AS NEEDED 2" SIZE

2" BALL CURB STOP

PROFILE

ENLARGEMENT

1. AIR VALVE ASSEMBLIES SHALL BE INSTALLED AT EVERY HIGH POINT.

2. COMBINATION AIR RELEASE AND VACUUM VALVE SHALL BE A 1" SIZE FOR 6" OR 8" MAINS WHEN SPACED AT 100' MAX. ALL OTHER INSTALLATIONS SHALL BE 2" SIZE.

3. FOR 1" COMBINATION VALVE INSTALL 2"x1" REDUCER BETWEEN CURB STOP AND UNION.

4. SEE DETAIL W29 FOR VAULT INSTALLATION REQUIREMENTS.

5. ALL FITTINGS TO BE DOMESTIC MADE BRASS UNLESS SHOWN OTHERWISE. ALL PVC PIPE/FITTINGS TO BE SCHEDULE 40 MINIMUM.

TAP SWING JOINT

VENT SWING JOINT

ISOLATION VALVE DETAIL

RECESSED HANDLE TYPE LID MARKED "WATER", OLYMPIC OAS

LID SET BETWEEN 0" LEVEL TO 1/4" BELOW FINISHED PAVING.

OLYMPIC #3-550X OVERLAY RISERS MAY BE USED TO MATCH GRADE.

ADJUST BOX TO MATCH GRADE. ALIGN LID EARS WITH WATER MAIN.

PROVIDE 2" DIAMETER x 2" THICK ASPHALT RING IF VALVE BOX LOCATED OUTSIDE OF PAVED AREAS.

SEDIMENT BUCKET, OLYMPIC 940 DUST PAN

ADJUSTABLE TOP SECTION, OLYMPIC V8940 "SEATTLE" STYLE MODIFIED FOR DUST PAN, 12" LENGTH

INSTALL TRACER WIRE PER DMC W-51

INSTALL VALVE PLUMB AND VERTICAL. PRETEST CRUISTERS PRIOR TO INSTALLATION.

WATERED AND COMPACTED CRUSHED ROCK AROUND VALVE BOX AND BELOW VALVE

VALVE OPERATING NUT EXTENSION - SEE DETAIL

CAST IRON VALVE BOX BASE. INSTALL STRAIGHT TO PREVENT BINDING OF OPERATOR.

4.25" DIA.

1/8" MIN. THICKNESS

2" SQUARE

1/3 TOTAL LENGTH

1" DIA SOLID METAL STOCK, LENGTH AS REQUIRED

2.25" INSIDE MEASUREMENT 2.25" DEPTH

3/8" SET SCREW

OPERATING NUT EXTENSION

EXTENSIONS ARE REQUIRED WHEN THE VALVE NUT IS MORE THAN 3.5 FEET BELOW FINISHED GRADE. EXTENSIONS ARE TO BE A MINIMUM OF ONE (1) FOOT LONG. ONLY ONE EXTENSION PER VALVE. ALL EXTENSIONS ARE TO BE MADE OF STEEL SIZED AS NOTED, AND PAINTED WITH TWO COATS OF CARBON ELASTIC (ATCO NO. 2222) AS SPECIFIED BY PRESERVATIVE PAINT CO. OR APPROVED EQUAL.

FOR EXTENSIONS LONGER THAN 4 FEET AND/OR VALVES LARGER THAN 12" DIAMETER, BAR SHALL BE 1/2" DIAMETER.

UPPER SECTION SHALL MATCH ISOLATION VALVE DETAIL

BOX LID PLAN VIEW

WATERED AND COMPACTED CRUSHED ROCK AROUND RISER PIPE, VALVE BOX, AND BELOW CURB STOP

4" PVC PIPE, CUT SLOT TO FIT OVER CURB STOP

ISOLATION CURB STOP DETAIL

USE MARKER POST WHEN VALVE IS LOCATED OUT OF TRAVELED WAY, IN GRAVEL, OR AT THE DIRECTION OF THE DISTRICT.

VALVE MARKER POST SHALL BE A RENTON CONCRETE PRODUCTS NO. VM-1 OR APPROVED EQUAL. VALVE MARKER SHALL BE PAINTED WITH TWO COATS OF NO. 43-114 (INTERNATIONAL YELLOW) PAINT AS SPECIFIED BY THE PRESERVATIVE PAINT CO. OR APPROVED EQUAL. THE POST SHALL BE SITUATED IN A SAFE AND REASONABLY CONSPICUOUS LOCATION AT A RIGHT ANGLE TO THE ROADWAY FROM THE VALVE. DISTANCE TO THE VALVE SHALL BE NEARLY STENOGLONED ON THE POST WITH TWO-INCH NUMBERS WITH NO. 43-102 (BLACK) PAINT AS SPECIFIED BY PRESERVATIVE PAINT CO.

1. VALVES SHALL BE INSTALLED AT NO MORE THAN 1,000 FT SPACING. PROVIDE (3) VALVES ON ALL TEES THAT LOOP OR ARE 6" OR LARGER.

2. ISOLATION VALVES 4" AND LARGER ARE TO BE NRS RESILIENT SEAT GATE VALVES MEETING ANWA C509 OR C515. OTHER TYPES OF VALVES (BUTTERFLY OR ECCENTRIC) ARE ONLY ALLOWED WHEN APPROVED FOR SPECIFIC LOCATIONS BY THE DISTRICT.

3. BACKFILL AROUND VALVE BOXES SHALL BE COMPACTED USING A JUMPING JACK.

4. OLYMPIC FOUNDRY MODEL NUMBERS SHOWN. OWNER APPROVED EQUALS WILL BE ALLOWED.

5. IN-LINE VALVES SHALL BE RESTRAINED WITH DEVICES SHOWN IN W-16. USE ONE FULL STRIP OF PIPE ON EACH SIDE OF VALVE.

6. ALL VALVES SHALL BE SUPPLIED WITH VALVE BOX, LID AND DUST PAN. LID SHALL HAVE RECESSED HANDLE. VALVE BOX RISER EARS TO BE INSTALLED WITH THE EARS PARALLEL TO THE DIRECTION OF WATER FLOW.

7. ALL VALVES THAT WILL BE PART OF A CUT-IN CONNECTION OR HOT TAP ON AN EXISTING MAIN SHALL BE PRE-PRESSURE TESTED ON BOTH SIDES OF THE CLOSED SECTOR PRIOR TO INSTALLATION.

8. FOR VALVES LEFT TEMPORARILY EXPOSED DURING CONSTRUCTION, BLOCK THE OPEN END WITH A PLUG OR COVER TIGHTLY WITH POLY BAG TO PROTECT THE VALVE FROM DEBRIS.

ELEVATION

SEE COMBINATION AIR VALVE DETAIL AND BLOW OFF DETAIL FOR MORE INFORMATION.

BLOW OFF HYDRANT, ABOVE OR BELOW GRADE AS DIRECTED BY DISTRICT. SEE W-08 FOR DETAIL.

PLAN VIEW

NOTES:

1. INSTALL STD. MARKER POST IDENTIFYING VALVE LOCATION

2. SET METER BOX FLUSH WITH SIDEWALK OR CURB IN LOCATED IN LAIN AREA. SET METER BOX APPROX. 2" ABOVE FINISHED GRADE IF IN LANDSCAPING AREA.

3. ALL FITTINGS TO BE COPPER OR BRASS UNLESS OTHERWISE NOTED.

ISOLATION VALVE INSTALLATION DETAILS

2" PVC PIPE AND FITTINGS

PVC UNION

SOFT SEAT COMBINATION AIR RELEASE/VACUUM VALVE (THREADED). SIZE AS REQUIRED BY DISTRICT. CL-A VAL (AFPC) No. 1452-102333 OR 1452-102333, OR VAL-MATIC MODEL 201.C OR 202.C, NO SUBSTITUTIONS.

6" LENGTH NIPPLE

90° BEND

UNION

SIZE AS NEEDED 2" SIZE

2" BALL CURB STOP

ISOLATION VALVE DETAIL

VALVE MARKER POST

ISOLATION CURB STOP DETAIL

WATER SERVICE TAP AND PIPE

WHEN TAPPING EXISTING MAIN, PROVIDE METAL TO METAL CONNECTION OF TRACER WIRE TO SADDLE WITH STAINLESS STEEL OR BRASS CLAMP.

CORP STOP. MIPxPOLY (CTS). EQUAL TO MUELLER B-25028.

MARKING TAPE ("BURIED WATERLINE") ABOVE FIRST BACKFILL LIFT, APPROX. 12"-18" ABOVE SERVICE LINE.

PE PIPE (CTS) WITH 12 AWG SOLID UP TRACER WIRE. PIPE TO BE 200psi, SDR35, ANNA 801.

48" COVER

MINIMUM SIZING GUIDELINES:

- SADDLE, CORP AND SERVICE PIPE TO BE THE SAME DIAMETER.
- SERVICE LINE FOR 3/4" METER SHALL BE 1" INCH DIAMETER FOR SERVICE LINES ON THE SAME SIDE OF THE ROAD AS THE MAIN.
- SERVICE LINE FOR 1" METER SHALL BE 1 1/2" WHEN CHAMBERS ARE ON THE OPPOSITE SIDE OF THE ROAD FROM THE MAIN.
- SERVICE LINE FOR DOUBLE 3/4" METER SHALL BE 1 1/2" MINIMUM.
- SERVICE LINE FOR 1" METER (SINGLE OR DOUBLE) SHALL BE 1 1/2" MINIMUM. ANY LENGTH.
- SERVICE LINE FOR 1 1/2" METER SHALL BE 1 1/2" DIAMETER MINIMUM.
- SERVICE LINE FOR 2" METER SHALL BE 2" DIAMETER MINIMUM.
- LARGER SIZES MAY BE REQUIRED DEPENDING ON FIRE SPRINKLER DEMANDS OR LONG PIPE RUNS.

RECONNECT CUSTOMER'S SERVICE LINE WITH FITTINGS AS NECESSARY FROM NEW POLY TO CUSTOMER'S PIPE TYPE.

- GALV IRON: LOCKING COMPRESSION OR THREADED.
- POLY: QUICK JOINT OR EQUAL.
- COPPER: SWEATED OR FLARED.

CONNECTION SHALL BE AT OR BEYOND R.O.W.

EXISTING METER CHAMBER. REMOVE OR RELOCATE PER DISTRICT DIRECTION. DISTRICT WILL RELOCATE METER AND RADIO.

NEW METER CHAMBER OR RELOCATED EXISTING CHAMBER PER DISTRICT DIRECTION. ADJUST TO GRADE.

IF DISTRICT ALLOWS THE EXISTING METER BOX TO BE REUSED, PROVIDE NEW 2" SETTER, FORD MODELS: FOW-VV72-21W-33-G (3/4") FOW-VV74-21W-44-G (1")

EXISTING SADDLE AND CORP. SHUT OFF CORP, REMOVE PIPE, INSTALL CAP.

NEW PE SERVICE PIPE

EXISTING MAIN

NEW MAIN

EXISTING SERVICE RECONNECTION

East Wenatchee Water District

File: EMDTW2 Revised: MAY 2, 2018 Printed: MAY 2, 2018

WATER SYSTEM STANDARD DETAIL

COMBINATION AIR VALVE ASSEMBLY

DRAWING NO. W-10 SHEET NO. 13

East Wenatchee Water District

File: EMDTW7 Revised: JUL 18, 2008 Printed: JUL 18, 2008

WATER SYSTEM STANDARD DETAIL

COMBINATION AIR VALVE & BLOW-OFF ASSEMBLIES

DRAWING NO. W-11 SHEET NO. 14

East Wenatchee Water District

File: EMDTW9 Revised: MAY 2, 2018 Printed: MAY 2, 2018

WATER SYSTEM STANDARD DETAIL

ISOLATION VALVE INSTALLATION DETAILS

DRAWING NO. W-12 SHEET NO. 15

East Wenatchee Water District

File: EMDTW14 Revised: JUN 14, 2018 Printed: JUN 14, 2018

WATER SYSTEM STANDARD DETAIL

CUSTOMER SERVICE CONNECTIONS

DRAWING NO. W-14 SHEET NO. 16

RANDY L. ASPENHOLD
PROFESSIONAL ENGINEER
32780
SIGNED: 06/14/18

RANDY C. PETERSON
PROFESSIONAL ENGINEER
32739
SIGNED: 06/14/18