VALVE BOX COVER -EAST JORDAN IRON WORKS SEE STANDARD VALVE BOX COVER AND VALVE STEM DETAIL - 24" MANHOLE FRAME AND LID MINIMUM ONE VALVE BOX GRADE RING W/COVER MARKED "SEWER" 6" PVC 3034 SEWER PIPE -#12 GAUGE DOUBLE COATED GREEN TRACER-TOP SLAB WIRE PLUG VALVES SHALL BE INSTALLED ON PIPING 4" OR LARGER AND SHALL BE ATTACHED TO THE TEE, POLYPROPLENE STEPS CEPEX TRUE UNION VALVES SHALL BE USED ON 3" OR SMALLER SCHEDULE 80 PIPING 72" MIN. DIA. MANHOLE-**UNDERGROUND** CONNECTION **BARRIER** TEE CORE DRILLED AND SEALED WITH LINK SEAL Δ. 2' MIN. THE DUMP PIPE SHALL BE RESTRAINED TO THE VALVE 6" OF CSTC OR PEA GRAVEL KOR-N-SEAL BOOT THRUST CONCRETE BENEATH STRUCTURE **BLOCK BLOCK**

GENERAL NOTES:

- MANHOLE SHALL BE COATED ON THE INSIDE WITH ISO 9000 CERTIFIED HI GRADE CALCIUM ALUMINATE, KERNEOS SEWPER COAT HS 2000.
- INSTALL A CONCRETE PAD WHEN LOW POINT DRAIN MANHOLE IS INSTALLED OUTSIDE OF PAVED AREA.
- 3. THE MANHOLE LID SHALL BE PER DETAIL SS-5.
- 4. THE SIZE OF THE LOW POINT DRAIN SHALL BE DESIGNED FOR THE VOLUME IT IS REQUIRED TO HOLD.
- 5. FOR VALVE BOX REQUIREMENTS SEE DETAIL SS-17.

CITY OF TUMWATER, WASHINGTON DEPT. OF PUBLIC WORKS

LOW POINT DRAIN

APPROVED				DWG. NO.
CITY ENGINEER				SS-31
DES.	DWG. BY	CK'D BY	DATE	NOT TO
PW	PW	MW	NOV. 2014	SCALE