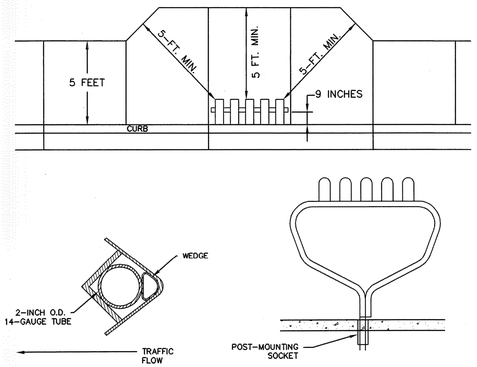
REVISIONS:

A PORTION OF SEC 15, TWP 21, RGE 26, W.M. GRANT COUNTY, WASHINGTON



POST MOUNTING SOCKET

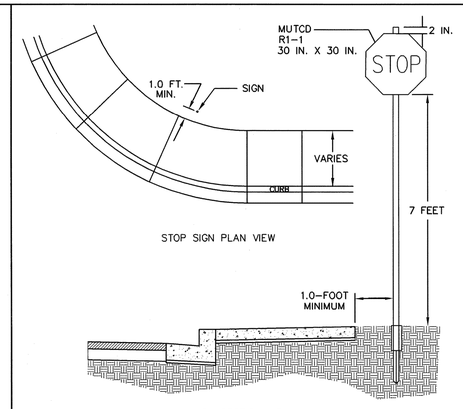
TYPE 2
(MULTIPLE BOX INSTALLATION)

NOTES:
1. POST MOUNTING SOCKET TO BE INSTALLED 9 INCHES BEHIND BACK OF CURB.
2. BOTTOM OF MAILBOXES SHALL BE 38 INCHES TO 42 INCHES ABOVE FLOW LINE OF THE GUTTER.
3. MAINTAIN A MINIMUM OF 5 FEET OF CLEARANCE BETWEEN THE MAILBOXES AND THE BACK EDGE OF THE SIDEWALK.
4. ALL CONSTRUCTION AND MATERIALS SHALL MEET THE SPECIFICATIONS AND BE APPROVED BY THE CITY OF EPHRATA.
5. ALL INSTALLATIONS SHALL BE COORDINATED WITH THE UNITED STATES POSTAL SERVICE.

MAILBOX SUPPORT SYSTEM

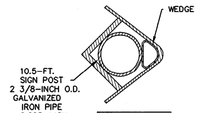
EPHRATA PUBLIC WORKS DEPARTMENT — CITY OF EPHRATA — A-7

DATE	REVISION	BY



STOP SIGN PLAN VIEW

STOP SIGN SECTION VIEW



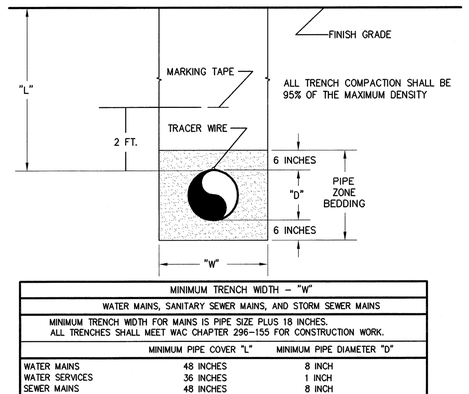
V-LOCK SIGN ANCHOR

NOTES:
1. MAINTAIN A MINIMUM OF 1 FOOT OF CLEARANCE BETWEEN THE SIGN POST AND THE BACK EDGE OF THE SIDEWALK.
2. WHEN V-LOCK SIGN ANCHORS ARE INSTALLED IN AREA OF PRE-EXISTING SIDEWALKS, THE SIDEWALK MUST BE REMOVED IN 5-FOOT PANELS AND WIDENED PER THIS DETAIL.
3. STOP SIGNS WILL TYPICALLY BE PLACED 14 FEET FROM THE FACE OF THE CURB ON THE STREET THEY APPROACH. EXACT LOCATION OF THE SIGN AND ANCHOR WILL BE ESTABLISHED BY THE CITY AT THE TIME OF INSTALLATION.
4. ALL CONSTRUCTION AND MATERIALS SHALL MEET THE SPECIFICATIONS AND BE APPROVED BY THE CITY OF EPHRATA.

STOP SIGN INSTALLATION

EPHRATA PUBLIC WORKS DEPARTMENT — CITY OF EPHRATA — A-8

DATE	REVISION	BY



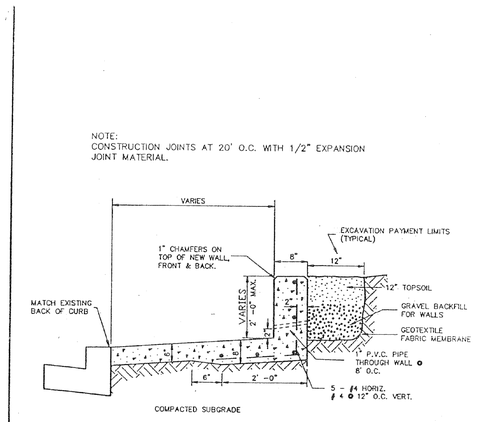
MINIMUM TRENCH WIDTH – "W"		
WATER MAINS, SANITARY SEWER MAINS, AND STORM SEWER MAINS		
MINIMUM TRENCH WIDTH FOR MAINS IS PIPE SIZE PLUS 18 INCHES. ALL TRENCHES SHALL MEET WAC CHAPTER 296-155 FOR CONSTRUCTION WORK.		
	MINIMUM PIPE COVER "L"	MINIMUM PIPE DIAMETER "D"
WATER MAINS	48 INCHES	8 INCH
WATER SERVICES	36 INCHES	1 INCH
SEWER MAINS	48 INCHES	8 INCH
SEWER SERVICES	36 INCHES	4 INCH
STORM SEWER UNDER ROADWAY	36 INCHES	10 INCH
STORM SEWER UNDER SIDEWALK	24 INCHES	10 INCH
SANITARY SEWER PRESSURE MAINS	72 INCHES	VARIES

NOTES:
1. TRACER WIRE SHALL BE TAPED AT 10-FOOT INTERVALS TO THE TOP OF ALL WATER AND SEWER PRESSURE MAINS, AND WATER SERVICE LINES.
2. BEDDING MATERIAL SHALL BE PLACED UNDER ALL PIPE PRIOR TO PLACING PIPE.
3. TRENCHES MAY BE BACKFILLED WITH CONTROLLED DENSITY FILL.
4. ALL UTILITIES (PHONE, GAS, CABLE TV, TELECOMMUNICATIONS, ELECTRIC, WATER, SEWER, STORM, ETC.) SHALL MEET THE REQUIREMENTS OF THIS DETAIL.
5. ALL CONSTRUCTION AND MATERIALS SHALL MEET THE SPECIFICATIONS AND BE APPROVED BY THE CITY OF EPHRATA.

TRENCHING AND BEDDING

EPHRATA PUBLIC WORKS DEPARTMENT — CITY OF EPHRATA — 16

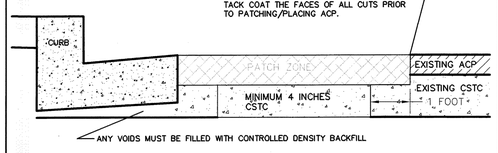
DATE	REVISION	BY



NOTE:
ONLY THE LATEST DETAIL, AS APPROVED BY THE CITY ENGINEER, SHALL BE USED.

ORIG.	3-7-90	
Revision	Date	Description

ST-27 – PROJECT DETAIL — RETAINING WALL – TYPE I



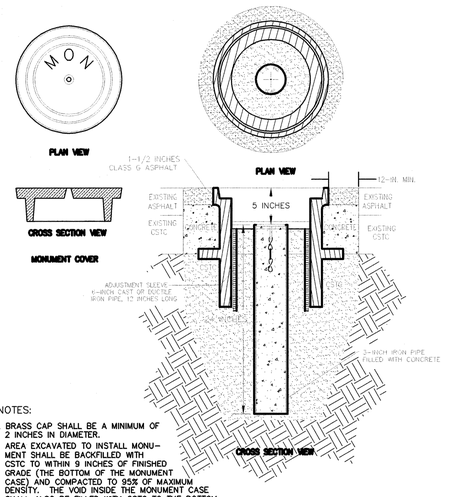
NOTES:
1. ASPHALT CONCRETE PAVEMENT (ACP) IN THE PATCH ZONE SHALL BE CLASS B. MINIMUM THICKNESS SHALL BE 3 INCHES, OR MATCH EXISTING, WHICHEVER IS GREATER. HOWEVER, THE MAXIMUM THICKNESS IS NOT REQUIRED TO BE GREATER THAN 6 INCHES. MAXIMUM DEPTH OF LIFTS OF LIFTS SHALL BE 3 INCHES (COMPACTED)
2. PATCH WIDTH MUST ACCOMODATE PROPER COMPACTION METHODS AS APPROVED BY THE ENGINEER.
3. ALL CONSTRUCTION AND MATERIALS SHALL MEET THE SPECIFICATIONS AND BE APPROVED BY THE CITY OF EPHRATA.

PATCHING DETAIL

EPHRATA PUBLIC WORKS DEPARTMENT — CITY OF EPHRATA — 15

DATE	REVISION	BY

MONUMENTS IN UNPAVED AREAS ARE NOT REQUIRED TO BE SET PER THIS DETAIL.

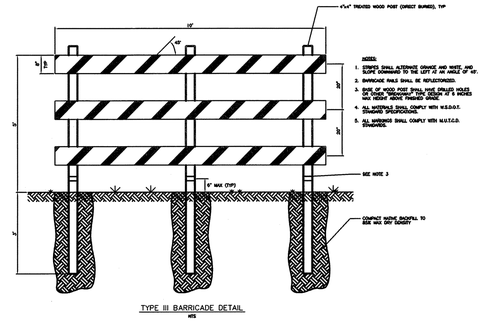


NOTES:
1. BRASS CAP SHALL BE A MINIMUM OF 2 INCHES IN DIAMETER.
2. AREA EXCAVATED TO INSTALL MONUMENT SHALL BE BACKFILLED WITH CSTC TO WITHIN 9 INCHES OF FINISHED GRADE (THE BOTTOM OF THE MONUMENT CASE) AND COMPACTED TO 95% OF MAXIMUM DENSITY. THE VOID INSIDE THE MONUMENT CASE SHALL ALSO BE FILLED WITH CSTC TO THE BOTTOM OF THE BRASS CAP.
3. ADJUST MONUMENT IN ASPHALT TO 1/4 INCH BELOW FINISH GRADE.
4. "MON" SHALL BE CAST INTO THE LID.
5. ALL CONSTRUCTION AND MATERIALS SHALL MEET THE SPECIFICATIONS AND BE APPROVED BY THE CITY OF EPHRATA.
6. ELEVATION TO BE STAMPED ON BRASS CAP

MONUMENT – TYPE I

EPHRATA PUBLIC WORKS DEPARTMENT — CITY OF EPHRATA — A-12

DATE	REVISION	BY



TYPE III BARRICADE DETAIL
NTS

NOTES:
1. END-OF-ROADWAY MARKER SHALL BE PER THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES SIGN OM4-2, RED ON BLACK.
2. ROADWAY MARKER POSTS TO BE 2-INCH O.D. GALVANIZED IRON PIPE WITH 0.095-INCH WALL THICKNESS MOUNTED IN V-LOCKS BEHIND BARRICADES.
3. 4-INCH BY 4-INCH BY 8-FOOT POSTS SHALL BE PRESSURE TREATED LUMBER, PRIMED AND PAINTED WHITE.
4. RAILS SHALL BE PLASTIC, 1-INCH THICK BY 8-INCHES WIDE, RED ON WHITE, WITH STRIPES FACTORY APPLIED, ENGINEER GRADE AS SUPPLIED BY TRAFFIC SAFETY SUPPLY.
5. LENGTH OF BARRICADE SHALL BE OF A LENGTH THAT WILL PHYSICALLY RESTRICT ACCESS BY MOTORIZED VEHICLES.
6. BARRICADES SHALL MEET THE REQUIREMENTS OF SECTIONS 3C-04 AND 3F-01 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
7. ALL CONSTRUCTION AND MATERIALS SHALL MEET THE SPECIFICATIONS AND BE APPROVED BY THE CITY OF EPHRATA.

TO BE USED ONLY AS REQUIRED OR APPROVED BY THE EPHRATA PUBLIC WORKS DIRECTOR.

BARRICADE FOR TEMPORARY NO-OUTLET STREET

EPHRATA PUBLIC WORKS DEPARTMENT — CITY OF EPHRATA — A-13

DATE	REVISION	BY

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RENTON, WA 98055
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FAX: (425) 251-8880
WEB SITE: PACENG.COM
Civil Engineering and Planning Consultants

GREG A. DAVIES — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER — 16612 — EXPIRES: MAY 6, 2007

PRAIRIE RIDGE
CITY OF EPHRATA, WA

FOR:
SMART HOMES
107 WASHINGTON
ALGONA, WA 98001
PHONE: (253) 833-7755, FAX: (253) 876-0530

PROJECT NO.: **05055**
DRAWN BY: **TLR**
ISSUE DATE: **08-24-05**
SHEET REV.:

ROAD DETAILS AND CROSS-SECTIONS

05055DTL05-ROAD.DWG

SHEET C10 OF

09/07/2005 09:32:20 05055DTL05-ROAD -XES8- by Xerox Corporation 11.0.3