

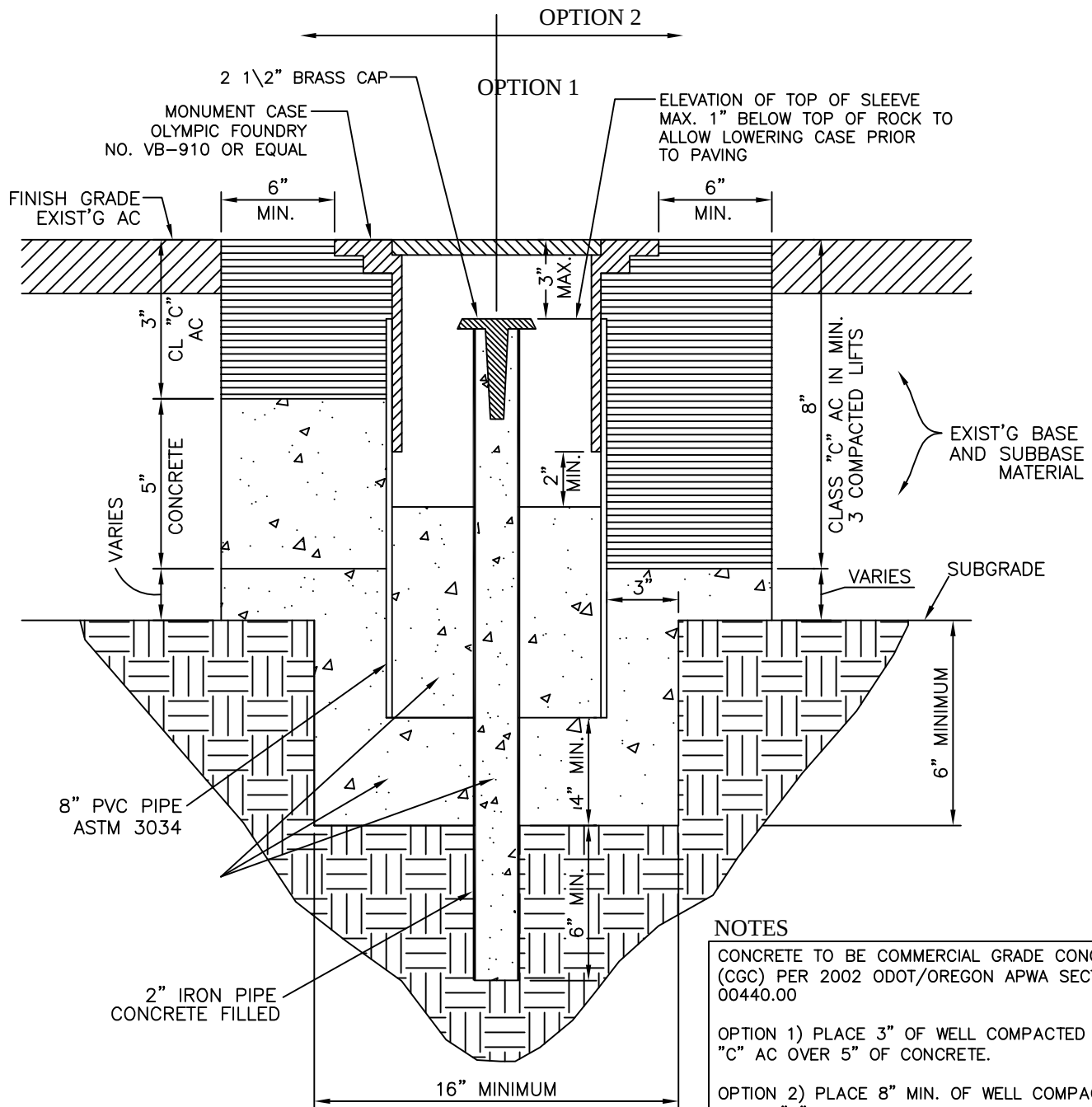
PUBLIC WORKS/ENGINEERING STANDARD DRAWINGS

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RIGHT-OF-WAY

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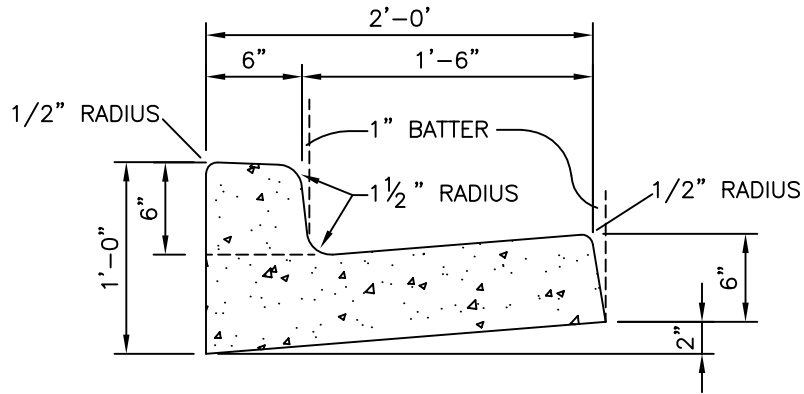
NOTE: The attached drawings may be changed according to the individual project. The City of Ashland Engineering Department must be contacted to determine if any adjustments or alternative standards will need to be used.



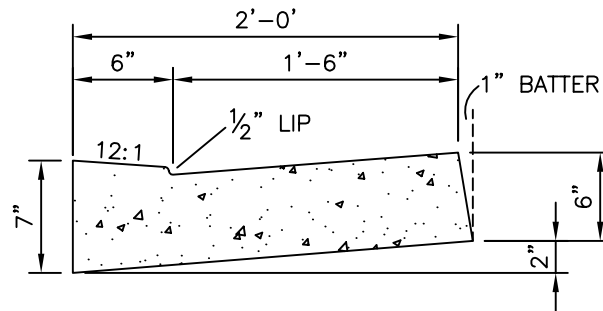
- ALL GOVERNMENT MONUMENTS WHICH FALL WITHIN STREET IMPROVEMENTS WILL BE SET IN A MONUMENT CASE IN ACCORDANCE WITH CITY STD. DWG CD115.
- STANDARD DRAWING CD115 MAY ALSO BE REQUIRED ON ARTERIAL AND COLLECTOR STREETS AT THE DISCRETION OF THE CITY SURVEYOR AT THE FOLLOWING LOCATIONS:
 - STREET CENTERLINE INTERSECTIONS.
 - BEGINNING AND ENDING OF CURVE OR THE POINT OF INTERSECTION IF IT FALLS IN THE PAVED AREA BETWEEN CURBS. AT RADIUS POINT OF CUL-DE-SAC.
 - ON OFFSET CUL-DE-SAC AT BOTH CENTERLINE TANGENT POINT AND AT RADIUS POINT.
 - AT ANY OTHER POINTS THAT THE CITY SURVEYOR MAY REQUIRE MONUMENTS TO BE PLACED.

MONUMENT CASE DETAIL

ISSUED: LB CRZ	DATE: 9/27/05 7/28/05	PUBLIC WORKS ENGINEERING ASHLAND-MEDFORD-ROGUE VALLEY SEWER SERVICES	DRAWING NO. CD115
REVISED:	DATE:		



STANDARD CURB AND GUTTER



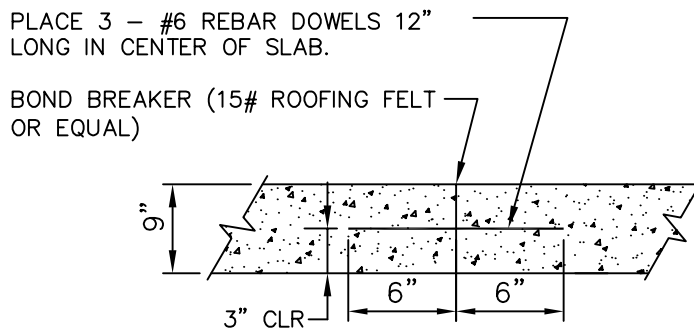
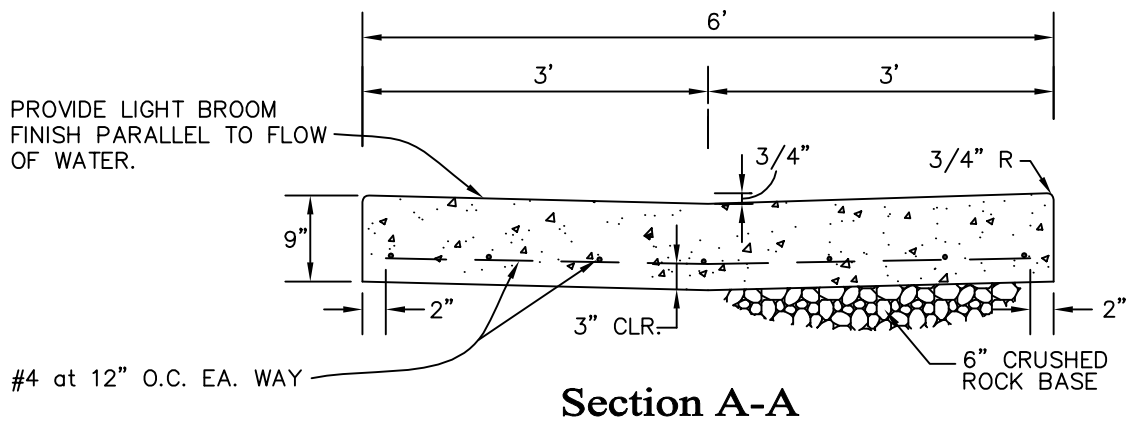
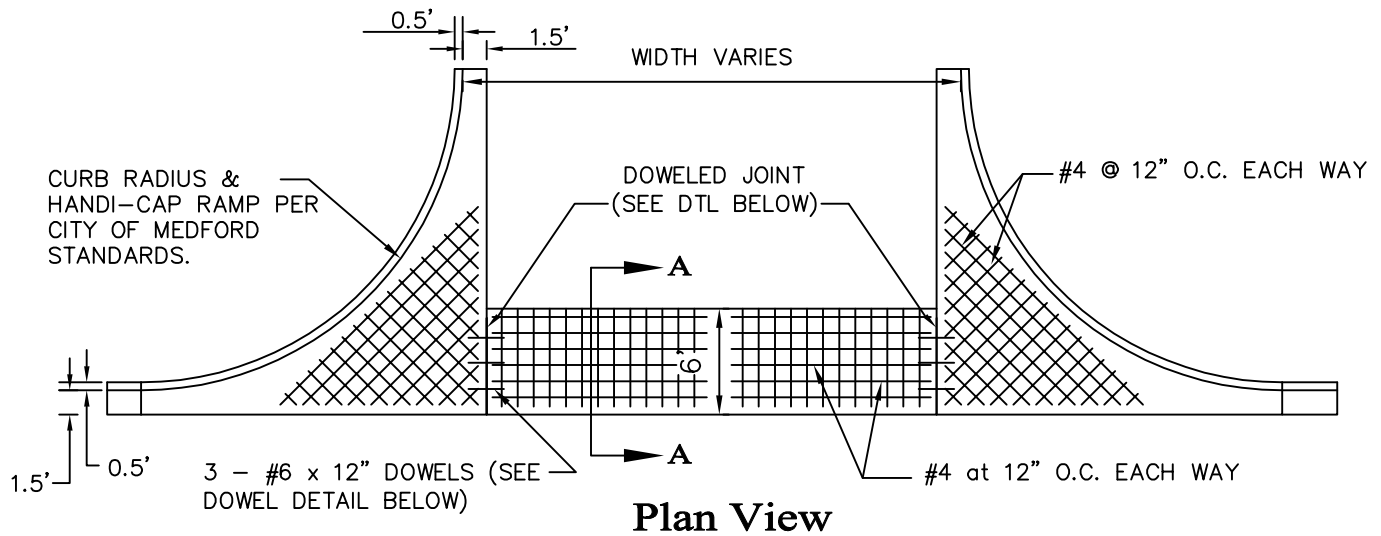
DROP CURB AND GUTTER
AT DRIVEWAY APRONS

GENERAL NOTES:

1. CONCRETE TO BE COMMERCIAL GRADE CONCRETE (CGC) PER 2002 ODOT/OREGON APWA SECTION 00440.00
2. ALL WORK & MATERIALS SHALL CONFORM TO 2002 OREGON APWA STANDARD SPEC'S. AS AMENDED BY THE APPROVING AGENCY
3. INSTALL CONTRACTION JOINTS EVERY 10', AND $\frac{3}{8}$ " ISOLATION JOINTS EVERY 100', AND AT END OF CURB RETURNS.
(SEE CD720 FOR JOINT DETAIL)

CONCRETE CURB AND GUTTER

ISSUED: LB CRZ	DATE: 9/27/05 7/28/05	PUBLIC WORKS ENGINEERING ASHLAND-MEDFORD-ROGUE VALLEY SEWER SERVICES	DRAWING NO. CD700
REVISED:	DATE:		

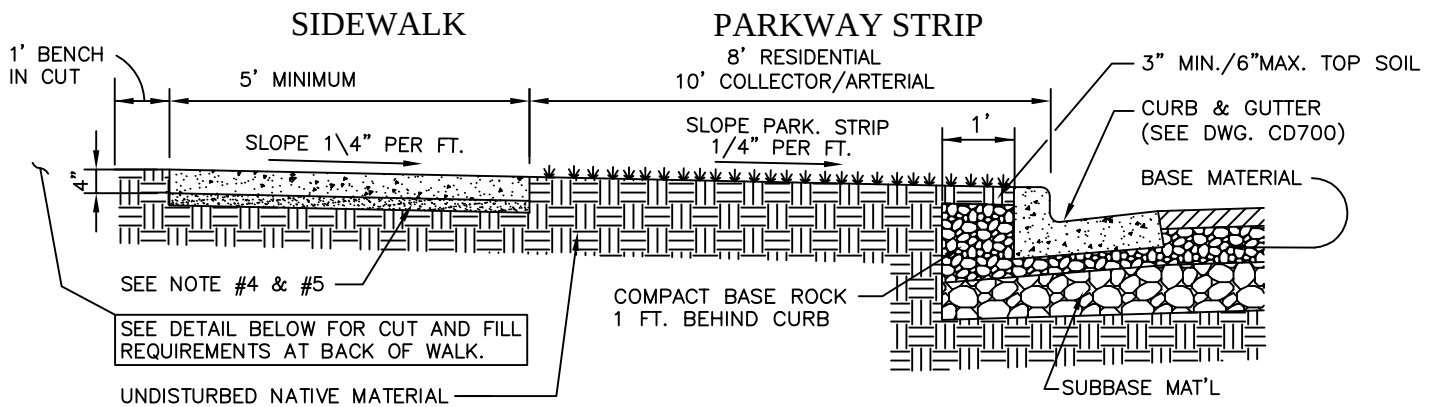


GENERAL NOTES:

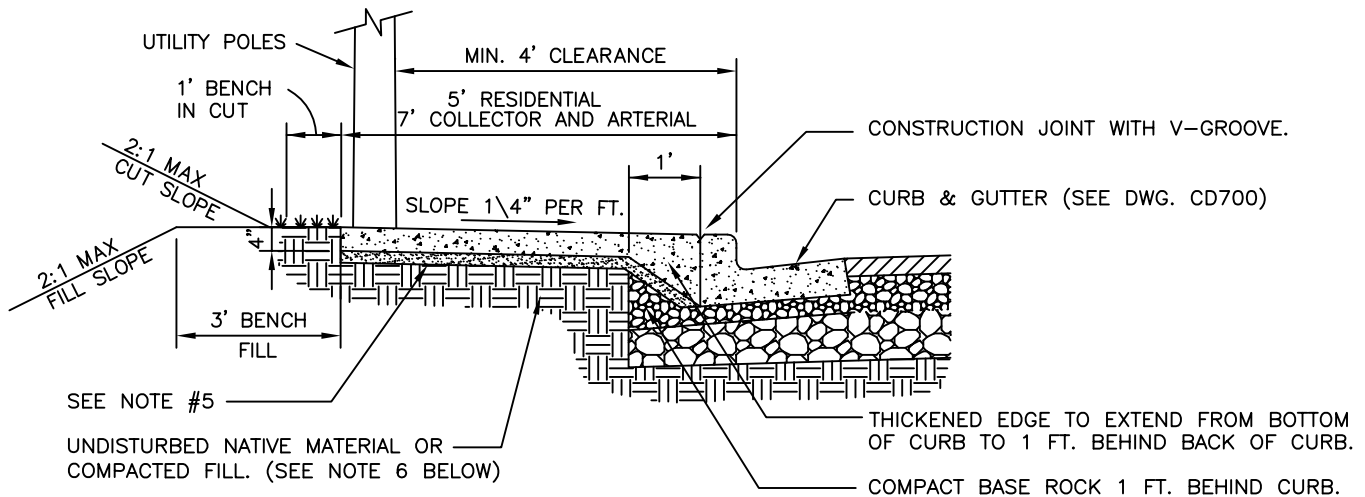
1. CONCRETE TO BE COMMERCIAL GRADE CONCRETE (CGC) PER 2002 ODOT/OREGON APWA SECTION 00440.00
2. SUBGRADE AND BASE SHALL BE UNYIELDING AND FIRMLY COMPACTED.
3. VALLEY GUTTER SHALL PASS A WATER TEST TO ASSURE FLOW.

STANDARD VALLEY GUTTER

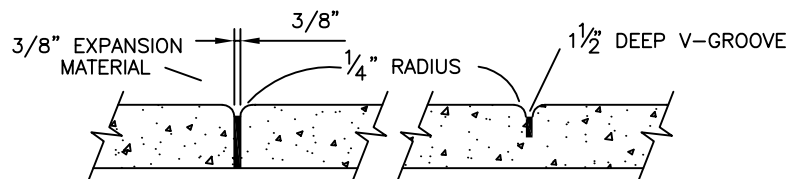
ISSUED: LB CRZ	DATE: 9/27/05 7/28/05	PUBLIC WORKS ENGINEERING ASHLAND-MEDFORD-ROGUE VALLEY SEWER SERVICES	DRAWING NO. CD702
REVISED:	DATE:		



Sidewalk With Parkway Strip



Sidewalk Adjacent To Curb



SIDEWALK ISOLATION JOINT PLACE EVERY 50' SIDEWALK CONTRACTION JOINT PLACE EVERY 5'

GENERAL NOTES:

1. SIDEWALKS SHALL HAVE A NOMINAL THICKNESS OF 4" WITH A MEDIUM BROOM FINISH.
2. SIDEWALK SECTIONS THROUGH DRIVEWAYS SHALL HAVE A NOMINAL THICKNESS OF 6".
3. WHERE SIDEWALK IS ADJACENT TO CURB, PLACE CONSTRUCTION JOINT IN LINE WITH CURB JOINT (10') AND IN BETWEEN (5').
4. GRANULAR MATERIAL UNDER SIDEWALKS & DRIVEWAY SHALL BE SAND, GRANITE, OR CRUSHED ROCK, FIRMLY TAMPED.
 - a. 2" MIN. THICKNESS UNDER SIDEWALKS.
 - b. 3" MIN. THICKNESS UNDER DRIVEWAYS.
5. CONCRETE TO BE COMMERCIAL GRADE CONCRETE (CGC) PER 2002 ODOT/OREGON APWA SECTION 00440.00
6. IN EMBANKMENT AREAS, PIT RUN OR 4" SHALE BACKFILL SHALL BE USED TO BUILD TO GRADE. NATIVE BACKFILL MAY BE CONSIDERED WITH APPROVAL FROM CITY ENGINEER. CONSTRUCT BENCH ON SLOPES 5% OR GREATER.
7. ALL WORK & MATERIALS SHALL CONFORM TO 2002 ODOT/APWA STANDARD SPECS. AS AMENDED BY THE CITY OF MEDFORD.

SIDEWALK DETAIL

ISSUED: LB CRZ DATE: 9/27/05 7/28/05 REVISED: DATE:	PUBLIC WORKS ENGINEERING Ashland – Medford – Rogue Valley Sewer Services	DRAWING NO. CD720
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CONST. 2" THICK 1/2" DENSE HMAC
TRANSITION FULL WIDTH OF DRIVEWAY
TO A DISTANCE OF 2' BEHIND BACK OF
WALK ON 6" BASE MATERIAL TO
EXISTING GRAVEL DRIVEWAY.

2'

SIDEWALK
(SEE DWG. CD720)

5' SIDEWALK

8' RESIDENTIAL, 10'
COLLECTOR/ARTERIAL
PARKWAY STRIP

CONTRACTION JOINT

CONTRACTION JOINT AT
CENTER IF 15'
OR WIDER

4' TRANSITION
FLARE

WIDTH AS SPECIFIED
12' MIN./18' MAX.
32' MAX. COMMERCIAL

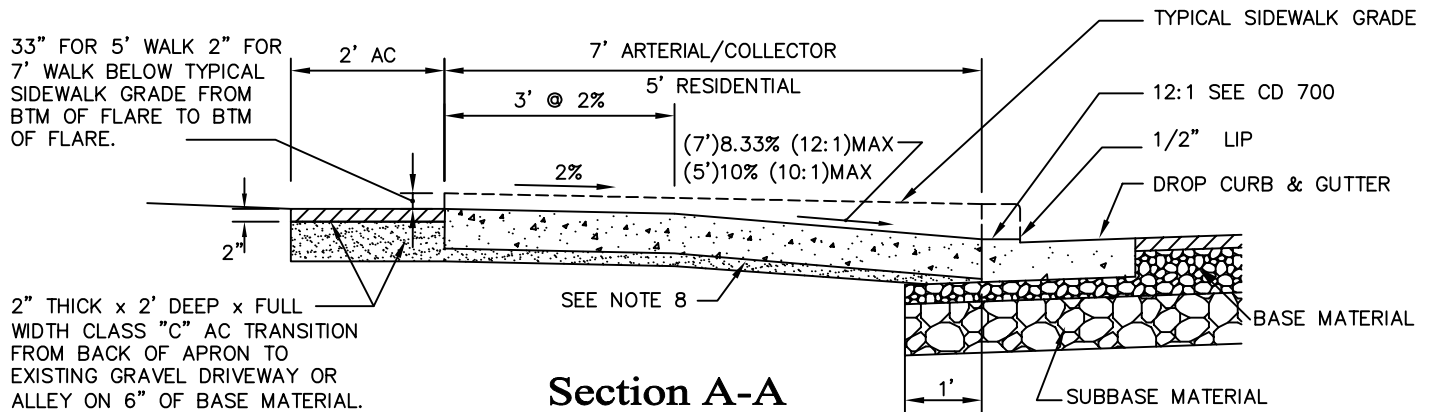
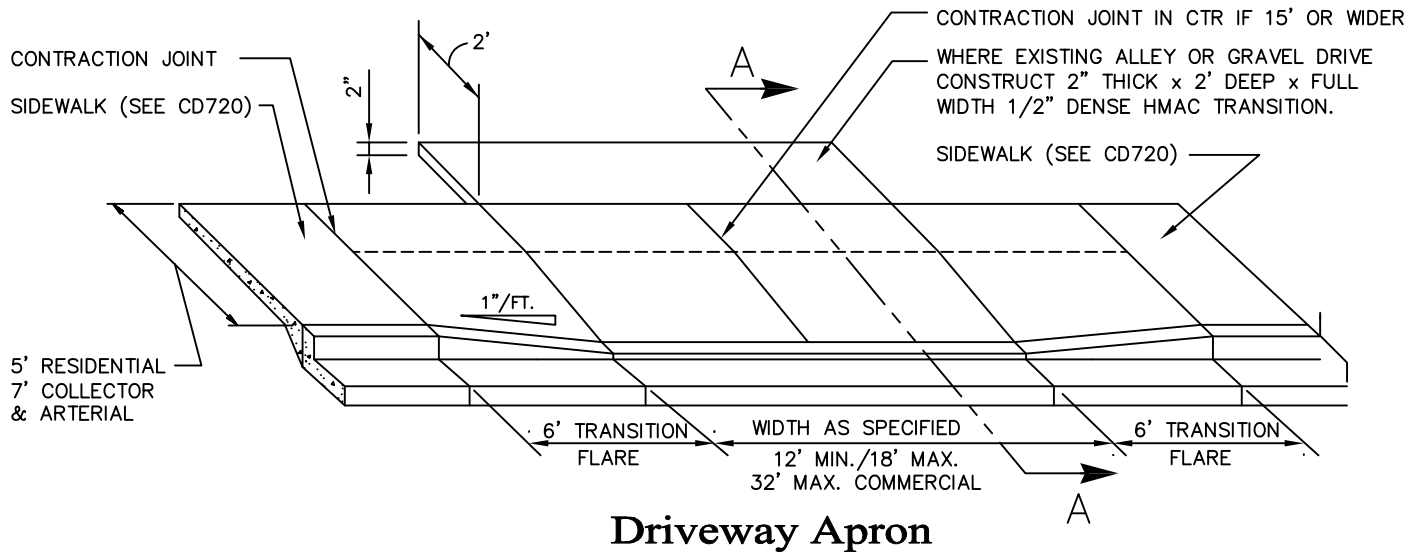
4' TRANSITION
FLARE

A



1. RESIDENTIAL DRIVEWAYS AND SIDEWALK SECTIONS THROUGH DRIVEWAYS SHALL HAVE A NOMINAL THICKNESS OF 6".
2. CONCRETE FOR COMMERCIAL USE, ALLEY, OR MINIMUM ACCESS APPROACHES SHALL HAVE A NOMINAL THICKNESS OF 6" WITH #4 REBAR 12" O.C. BOTH WAYS. (2" CLEAR)
3. MINIMUM DRIVEWAY WIDTH 12 FEET BUT MAY NEED TO BE WIDER TO ALLOW FOR FIRE/TRUCK TURN RADIUS.
4. IF APRON AND DRIVEWAY ARE POURED AT THE SAME TIME, PLACE ISOLATION JOINT WHERE THEY MEET.
5. WHERE SIDEWALK IS ADJACENT TO CURB, CONSTRUCT A CONTRACTION JOINT WITH CURB JOINT (10') AND IN BETWEEN (5').
6. ALL MIX SHALL BE VIBRATED OR TAMPED, AS DIRECTED, FOR COMPACTION.
7. GRANULAR MATERIAL UNDER DRIVEWAYS AND SIDEWALK SECTIONS THROUGH DRIVEWAYS SHALL BE SAND, GRANITE, OR CRUSHED ROCK, MINIMUM 3", FIRMLY TAMPED.
8. CONCRETE TO BE COMMERCIAL GRADE CONCRETE (CGC) PER 2002 ODOT/OREGON APWA SECTION 00440.00
9. ALL WORK, MATERIALS & CURING SHALL CONFORM TO 2002 ODOT/OREGON APWA STANDARD SPEC'S, AS AMENDED BY THE CITY OF MEDFORD.

ISSUED: <i>LB</i> <i>CRZ</i>	DATE: <i>9/27/05</i> <i>7/28/05</i>	PUBLIC WORKS ENGINEERING <i>Ashland – Medford – Rogue Valley Sewer Services</i>	DRAWING NO. CD740
REVISED:	DATE:		



GENERAL NOTES:

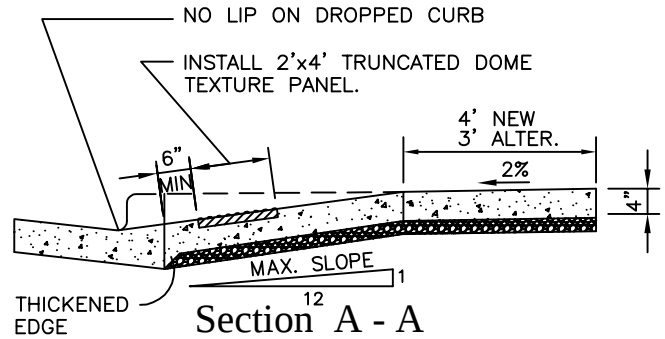
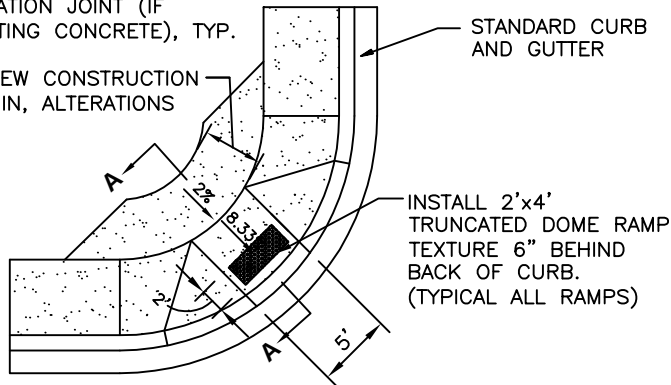
1. RESIDENTIAL DRIVEWAYS AND SIDEWALK SECTIONS THROUGH DRIVEWAYS SHALL HAVE A NOMINAL THICKNESS OF 6".
2. CONCRETE APRONS FOR COMMERCIAL AND INDUSTRIAL USE AND ALLEY APPROACHES SHALL HAVE A NOMINAL THICKNESS OF 6" WITH #4 REBAR 12" O.C. BOTH WAYS. (2" CLEAR)
3. MINIMUM DRIVEWAY WIDTH 12 FEET BUT MAY NEED TO BE WIDER TO ALLOW FOR FIRE/TRUCK TURN RADII.
4. IF DRIVEWAY IS LESS THAN 15' WIDE DO NOT PLACE CONTRACTION JOINT AT CENTER, SEE CD720 FOR CONTRACTION JOINT DETAIL.
5. IF APRON AND DRIVEWAY ARE POURED AT THE SAME TIME, PLACE ISOLATION JOINT WHERE THEY MEET.
6. CONSTRUCT A CONTRACTION JOINT WITH CURB JOINT (10') AND IN BETWEEN (5').
7. ALL MIX SHALL BE VIBRATED OR TAMPED, AS DIRECTED, FOR COMPACTION.
8. GRANULAR MATERIAL UNDER DRIVEWAYS AND SIDEWALK SECTIONS THROUGH DRIVEWAYS SHALL BE SAND, GRANITE, OR CRUSHED ROCK MINIMUM 3", FIRMLY TAMPED.
9. CONCRETE TO BE COMMERCIAL GRADE CONCRETE (CGC) PER 2002 ODOT/OREGON APWA SECTION 00440.00
10. ALL WORK, MATERIALS & CURING SHALL CONFORM TO 2002 ODOT/OREGON APWA STANDARD SPEC'S, AS AMENDED BY THE CITY OF MEDFORD.

DRIVEWAY APRON ON STREET WITH SIDEWALK ADJACENT TO CURB

ISSUED: LB CRZ	DATE: 9/27/05 7/28/05	PUBLIC WORKS ENGINEERING Ashland - Medford - Rogue Valley Sewer Services	DRAWING NO. CD745
REVISED:	DATE:		

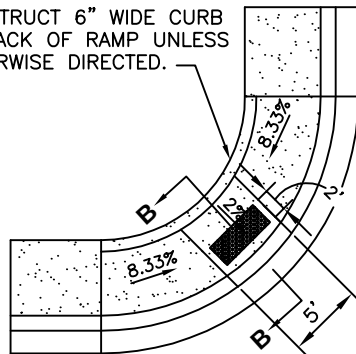
ISOLATION JOINT (IF
EXISTING CONCRETE), TYP.

4' NEW CONSTRUCTION
3' MIN. ALTERATIONS



Design A Ramp w/Sidewalk Adjacent To Curb

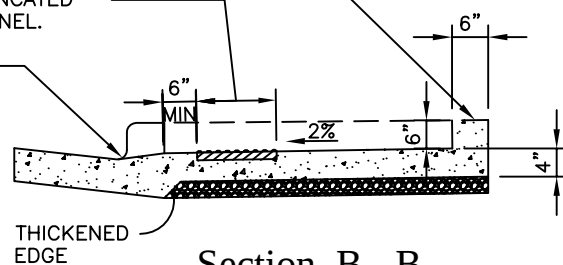
CONSTRUCT 6" WIDE CURB
AT BACK OF RAMP UNLESS
OTHERWISE DIRECTED.



CONSTRUCT 6" WIDE x 6" HIGH CURB AT BACK
OF RAMP UNLESS OTHERWISE DIRECTED.

INSTALL 2'x4' TRUNCATED
DOME TEXTURE PANEL.

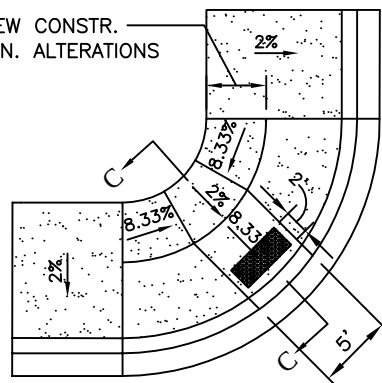
NO LIP ON
DROPPED CURB



Section B - B

Design B Ramp w/Sidewalk Adjacent To Curb

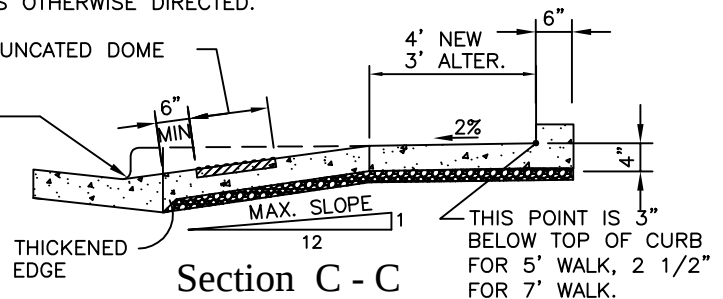
4' NEW CONSTR.
3' MIN. ALTERATIONS



CONSTRUCT 6" WIDE x 3" HIGH CURB AT BACK
OF RAMP UNLESS OTHERWISE DIRECTED.

INSTALL 2'x4' TRUNCATED DOME
TEXTURE PANEL.

NO LIP ON
DROPPED CURB



Section C - C

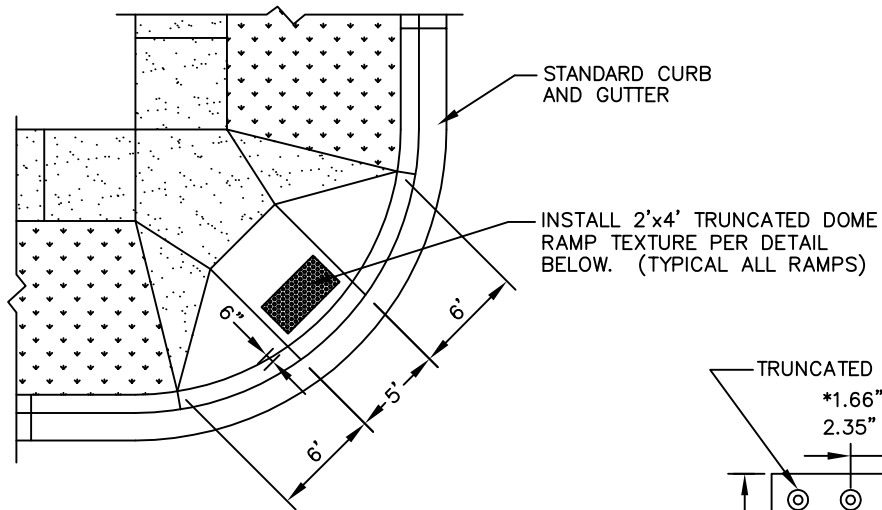
Design C Ramp w/Sidewalk Adjacent To Curb

GENERAL NOTES:

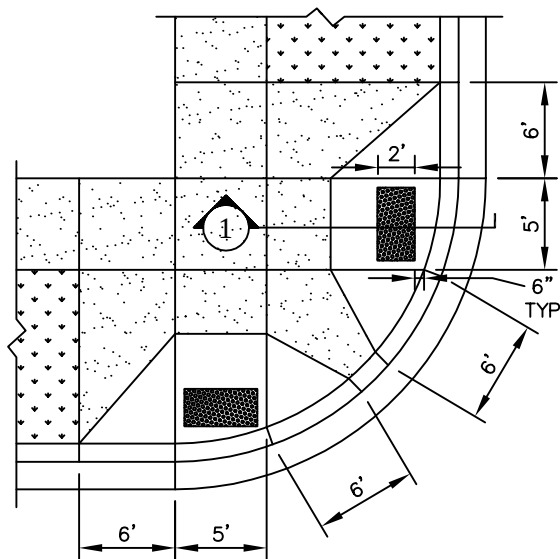
1. THE "AMERICANS WITH DISABILITIES ACT" REQUIRES THAT ACCESS RAMPS TO SIDEWALKS HAVE NO SLOPES GREATER THAN 12 HORIZONTAL TO 1 VERTICAL.
2. PLACE TRUNCATED DOME DETECTABLE WARNING TEXTURE 6" BEHIND BACK OF CURB. ARRANGE DOMES USING SQUARE IN-LINE PATTERN AS SHOWN IN DETAIL. COLOR OF TEXTURE TO BE SAFETY YELLOW IN MEDFORD, BRICK RED (PREFABRICATED PLASTIC ONLY) IN ASHLAND.
3. TOOLED JOINTS ARE REQUIRED AT ALL SIDEWALK RAMP BREAK LINES.
4. MIN. OF 2" GRANULAR CUSHION.
5. CONCRETE TO BE COMMERCIAL GRADE CONCRETE (CGC) PER 2002 ODOT/OREGON APWA SECTION 00440.00
6. IN CERTAIN AREAS THE RAMP MAY BE LOCATED TO MATCH CROSSWALKS OR TWO RAMPS MAY BE REQUIRED.
7. IN AREAS OF EXISTING CURB AND GUTTER, REMOVE AND REPLACE BOTH CURB AND GUTTER.

HANDICAP RAMP - SIDEWALK ADJACENT TO CURB

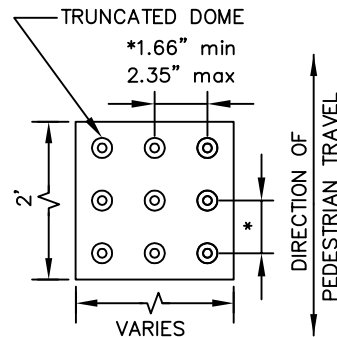
ISSUED: LB	DATE: 9/27/05	PUBLIC WORKS ENGINEERING	DRAWING NO.
CRZ	7/28/05		
REVISED:	DATE:	Ashland - Medford - Rogue Valley Sewer Services	CD750



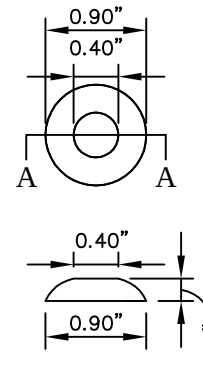
Handicap Ramp With Park Strip
In Residential Areas



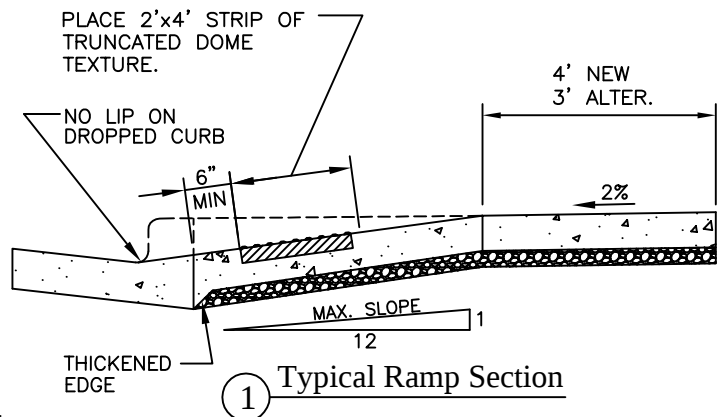
Handicap Ramp With Park Strip In Commercial
Areas or on Arterial or Collector Streets



Ramp Texture
Pattern Detail



Truncated Dome Deta



1 Typical Ramp Section

GENERAL NOTES:

1. THE "AMERICANS WITH DISABILITIES ACT" REQUIRES THAT ACCESS RAMPS TO SIDEWALKS HAVE NO SLOPES GREATER THAN 12 HORIZONTAL TO 1 VERTICAL.
2. PLACE TRUNCATED DOME DETECTABLE WARNING TEXTURE 6" BEHIND BACK OF CURB. ARRANGE DOMES USING SQUARE IN-LINE PATTERN AS SHOWN IN DETAIL. COLOR OF TEXTURE TO BE SAFETY YELLOW IN MEDFORD, BRICK RED (PREFABRICATED PLASTIC ONLY) IN ASHLAND.
3. TOOLED JOINTS ARE REQUIRED AT ALL SIDEWALK RAMP BREAK LINES.
4. MIN. OF 2" GRANULAR CUSHION.
5. CONCRETE TO BE COMMERCIAL GRADE CONCRETE (CGC) PER 2002 ODOT/OREGON APWA SECTION 00440.00
6. IN CERTAIN AREAS THE RAMP MAY BE LOCATED TO MATCH CROSSWALKS OR TWO RAMPS MAY BE REQUIRED.
7. IN AREAS OF EXISTING CURB AND GUTTER, REMOVE AND REPLACE BOTH CURB AND GUTTER.

HANDICAP RAMP - WITH PARKING STRIP

ISSUED: LB	DATE: 9/27/05	PUBLIC WORKS ENGINEERING	DRAWING NO.
CRZ	7/28/05		
REVISED:	DATE:	Ashland - Medford - Rogue Valley Sewer Services	CD755