

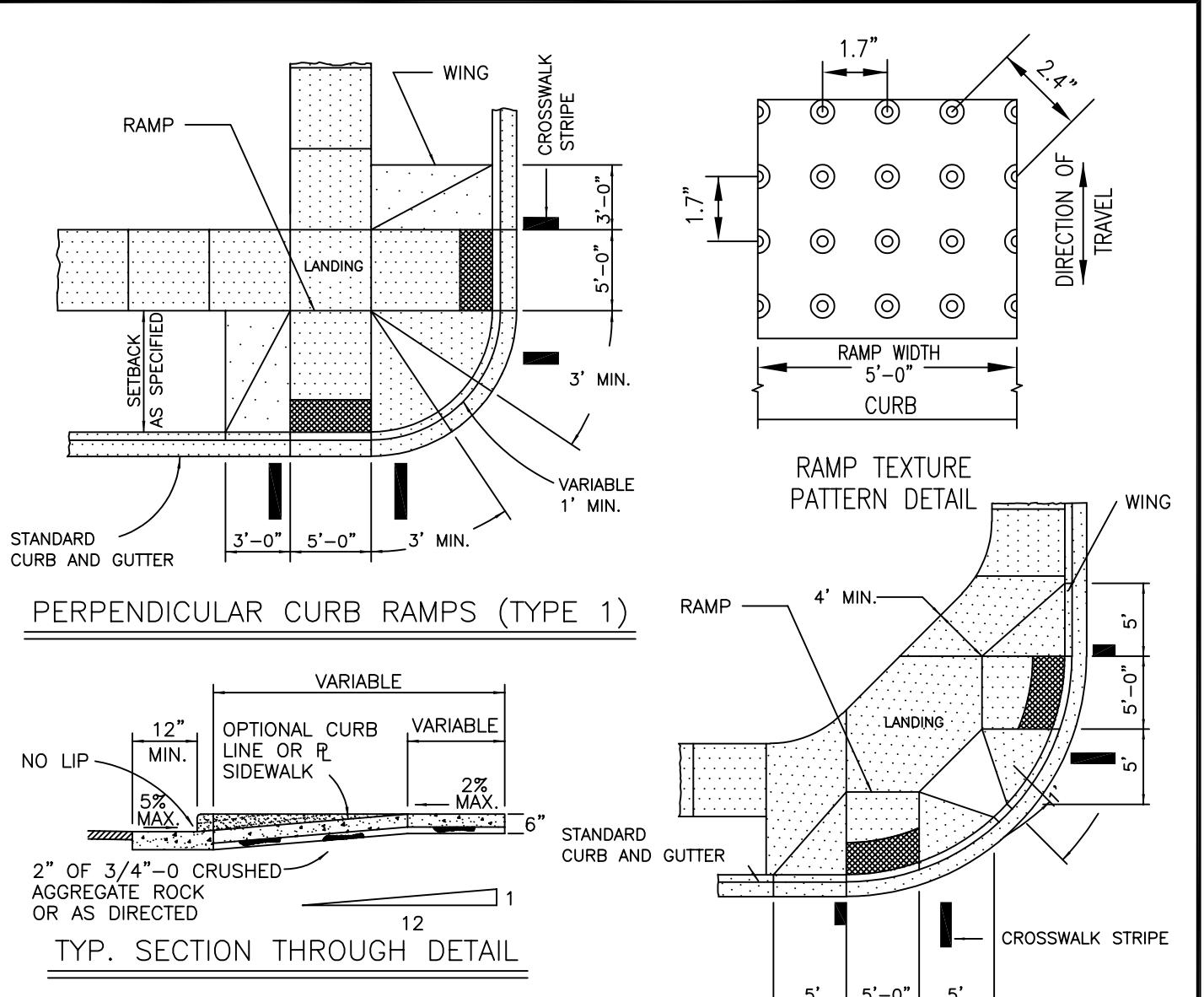


City of McMinnville Engineering Department
Standard Drawings

Bookmark Summary

1_Detail_for_sidewalk_access_ramps
1A_Corner_Access_ramp_curbside_sidewalk
2_Detail_for_parallel_sidewalk_ramp
2A_Detail_for_parallel_sidewalk_ramp
3_Detail_for_driveway
3A_Detail_for_Curbside_Driveway_Approach
4_Detail_for_sidewalk-Model
5_Detail_for_curb Knockout_for_driveways
6_Detail_for_P.C._concrete_curb_and_gutter_4-29-25 Model
7_Detail_for_P.C._and_A.C._extruded_curb-Model
8_Detail_for_street_cut-Model
9A_Detail_for_trench_backfill_bedding_&_pipe_zone-Model
9B_Detail_for_trench_backfill_bedding_&_pipe_zone_private property-Model
11_Detail_for_combination_gutter_and_curb_inlet_catch_basin
12_Detail_for_gutter_inlet-Model
13_Detail_for_standard_manhole-Model
14_Detail_for_standard_manhole_base_section-Model
15_Detail_for_standard_low_profile_and_shallow_manhole-Model
18_Detail_for_standard_sanitary_cleanout-Model
18B_Detail_for_standard_sanitary_cleanout
19_Detail_for_concrete_cradle_and_cap_details-Model
20_Detail_for_concrete_valley_gutter
21_Detail_for_bore_casing_detail-Model
22_Detail_for_building_lateral_cleanout-Model
22a_Detail_for_property_line_cleanout-Model
24_Detail_for_inserta-tee_connection_to_existing_sewer-Model
25_Detail_for_service_saddle_connection_to_existing_sewer-Model
26_Detail_for_manhole_rim_adjustment-Model
27_Detail_for_parking_lot_catch_basin-Model
28_Detail_for_ditch_inlet-Model
29_Detail_for_barricade-Model
30_Pipe_anchor_detail-Model
34A_Detail_tree_well_tree_planting-Model
34B_Detail_planter_strip_tree_planting-Model
35_Detail_for_Clustered_Mailbox_Units-Model
40_Detail_for_typical_street_section
City of Mac Mon Box Detail

Cleanout Boxes



NOTES:

1. ALL ACCESS RAMPS TO SIDEWALKS MUST CONFORM TO THIS STANDARD. EXCEPTIONS TO THE REQUIREMENTS IN THIS DRAWING MUST BE APPROVED BY THE ENGINEER AND MUST COMPLY WITH PROWAG.
2. RAMP LAYOUT AND LOCATION SHALL BE APPROVED BY THE CITY PRIOR TO CONSTRUCTION.
3. NO ABOVE-GROUND UTILITIES ARE PERMITTED WITHIN THE RAMP AREA.
4. INSTALL TRANSITION PANELS AS DIRECTED WHEN EXISTING ADJACENT SIDEWALK EXCEEDS 2% CROSS SLOPE.
5. DETECTABLE WARNING MATS WITH TRUNCATED DOMES SHALL BE CAST IN PLACE AND EXTEND THE FULL WIDTH OF THE LANDING; THE COLOR SHALL BE SAFETY YELLOW.
6. CONCRETE SHALL HAVE A 28 DAY ULTIMATE COMPRESSIVE STRENGTH OF 3300 PSI.
7. LANDING SLOPES SHALL BE DESIGNED AT 1.5% MAX., IN ANY DIRECTION. CONSTRUCTION NOT TO EXCEED 2% IN ANY DIRECTION. RAMPS SHALL BE DESIGNED AT 7.5% SLOPE MAX., WITH CONSTRUCTION NOT TO EXCEED 8.3%.
8. MINIMUM LANDING DIMENSIONS SHALL BE 5' x 5'.

**City of
McMinnville**

**DETAIL FOR
SIDEWALK ACCESS RAMPS**

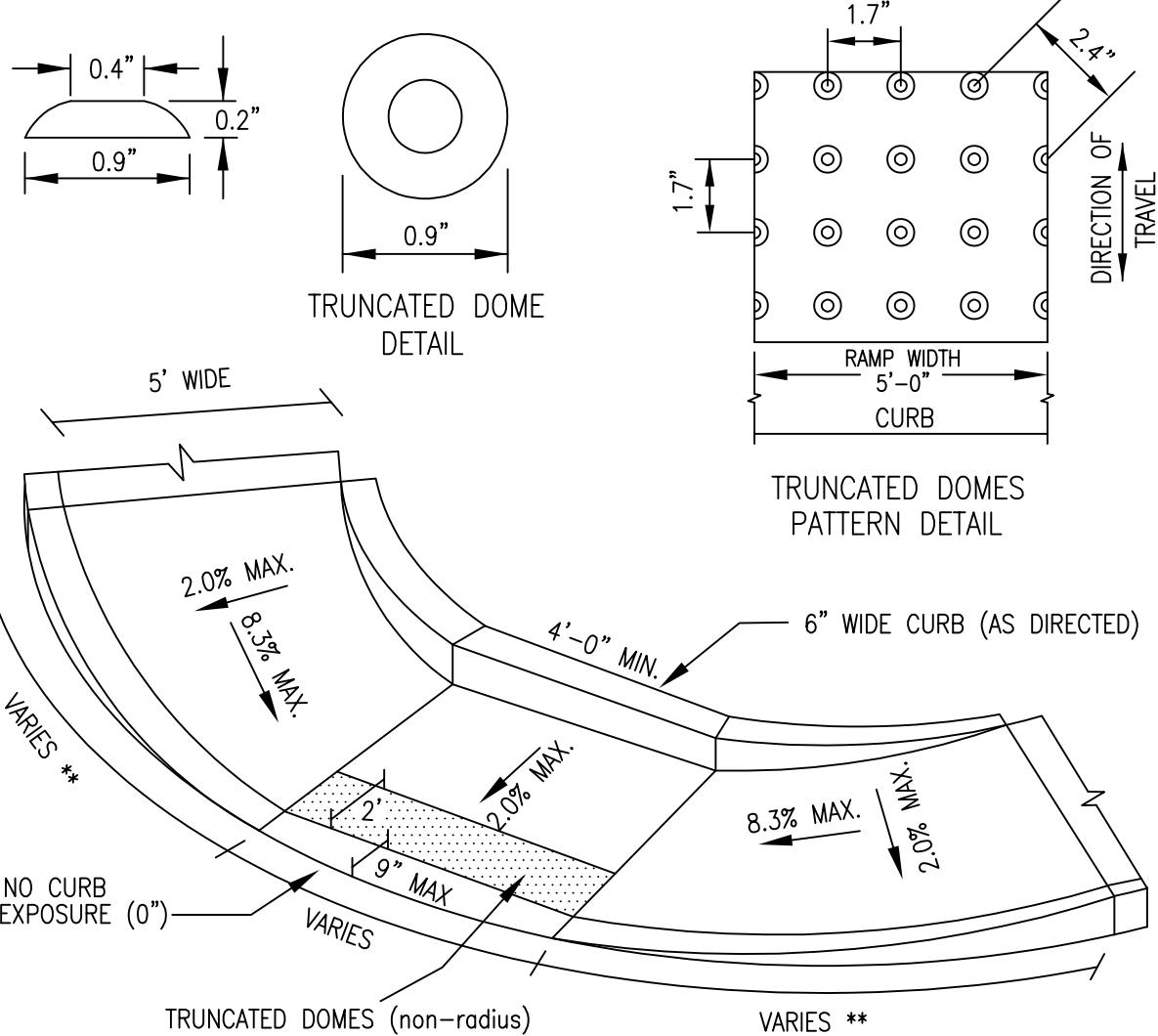
DRAWN BY
JG

DATE:
NOVEMBER 2025

DRAWING NO.

1

PLACE TRUNCATED DOME DETECTABLE WARNING TEXTURE IN THE LOWER 24" OF THE THROAT OF THE RAMP ONLY. ARRANGE DOMES USING IN-LINE PATTERN ONLY AS SHOWN IN DETAIL. COLOR OF TEXTURE TO BE SAFETY YELLOW. FOR CONSTRUCTION OF SIDEWALK RAMPS OUTSIDE OF PUBLIC RIGHT-OF-WAY, CHECK WITH BUILDING CODES.



** NOTE: LENGTH OF WING WILL VARY.
BASED ON ADJACENT STREET GRADE.
MAX. LENGTH OF WING = 15'

RAMP SLOPES: DESIGNED @ 7.5% MAX.
CONSTRUCTED 8.3% MAX.
LANDING SLOPES: DESIGNED @ 1.5% MAX.
CONSTRUCTED 2.0% MAX.

City of McMinnville

CORNER ACCESS RAMP CURBSIDE SIDEWALK

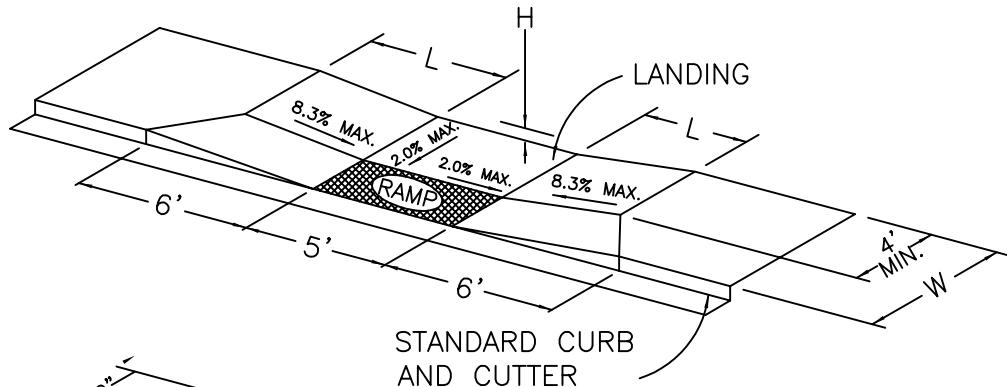
DRAWN BY:

J.G.

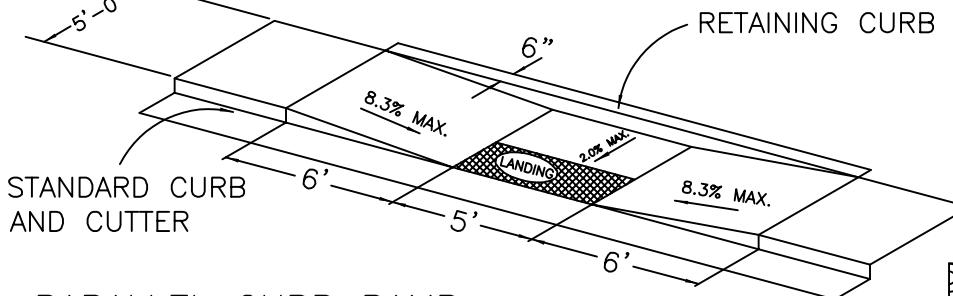
DATE: DECEMBER 2024

DRAWING NO.

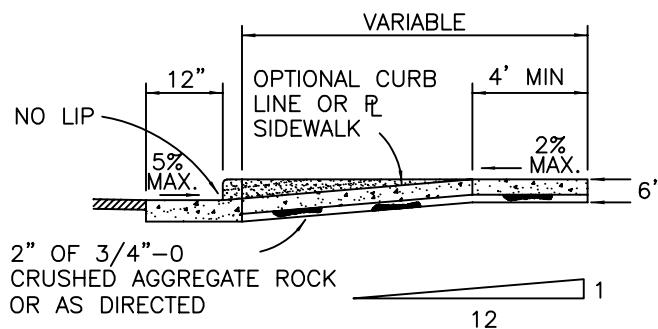
1A



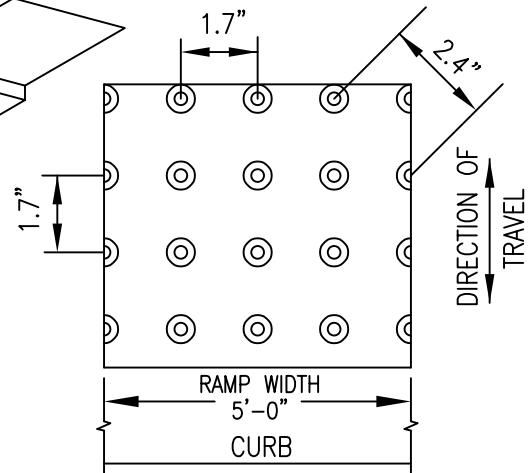
W	L	H
5'	4.25'	7/16"
5.5'	3.75'	13/32"
6'	3.73'	3/8"
6.5'	3.41'	11/32"
7.0'	3.10'	5/16"
7.5'	2.78'	9/32"
8.0'	2.46'	1/4"
8.5'	2.15'	7/32"
9.0'	1.83'	3/16"
9.5'	1.51'	5/32"
10'	1.20'	1/8"
10.5'	0.78'	3/32"



PARALLEL CURB RAMP



TYP. SECTION THROUGH DETAIL



RAMP TEXTURE DETAIL

NOTES:

1. ALL ACCESS RAMPS TO SIDEWALKS MUST CONFORM TO THIS STANDARD. EXCEPTIONS TO THE REQUIREMENTS IN THIS DRAWING MUST BE APPROVED BY THE ENGINEER AND MUST COMPLY WITH PROWAG.
2. RAMP LAYOUT AND LOCATION SHALL BE APPROVED BY THE CITY PRIOR TO CONSTRUCTION.
3. NO ABOVE-GROUND UTILITIES ARE PERMITTED WITHIN THE RAMP AREA.
4. INSTALL TRANSITION PANELS AS DIRECTED WHEN EXISTING ADJACENT SIDEWALK EXCEEDS 2% CROSS SLOPE.
5. DETECTABLE WARNING MATS WITH TRUNCATED DOMES SHALL BE CAST IN PLACE AND EXTEND THE FULL WIDTH OF THE LANDING; THE COLOR SHALL BE SAFETY YELLOW.
6. CONCRETE SHALL HAVE A 28 DAY ULTIMATE COMPRESSIVE STRENGTH OF 3300 PSI.
7. LANDING SLOPES SHALL BE DESIGNED AT 1.5% MAX., IN ANY DIRECTION. CONSTRUCTION NOT TO EXCEED 2% IN ANY DIRECTION. RAMPS SHALL BE DESIGNED AT 7.5% SLOPE MAX., WITH CONSTRUCTION NOT TO EXCEED 8.3%.
8. MINIMUM LANDING DIMENSIONS SHALL BE 5' x 5'.

**City of
McMinnville**

DETAIL FOR
PARALLEL
SIDEWALK RAMP

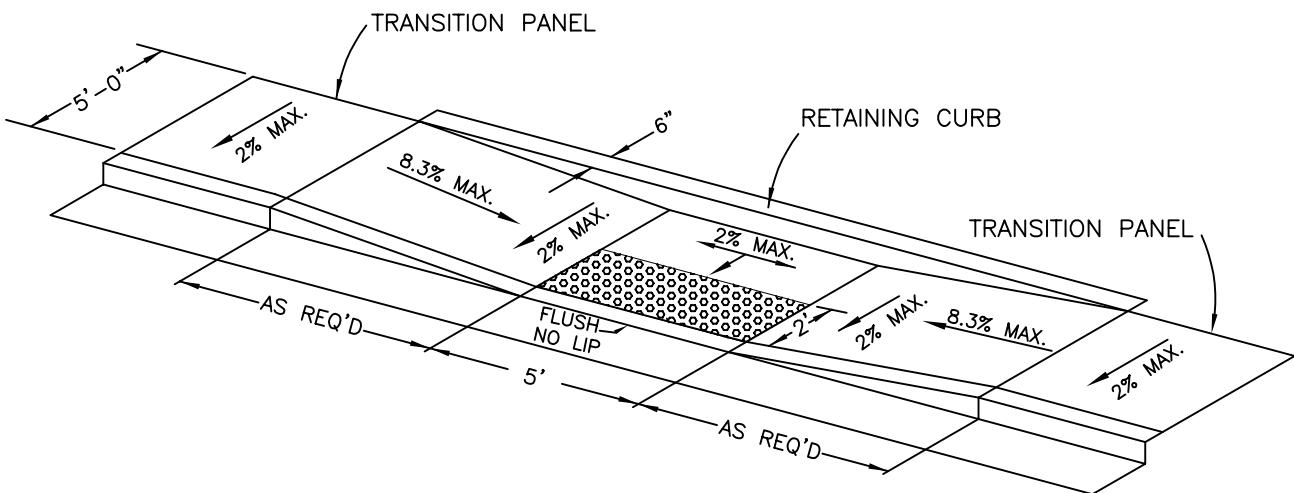
DRAWN BY
JG

DATE:
NOVEMBER 2025

DRAWING NO.

2

PARALLEL CURB RAMP



NOTES:

1. ALL ACCESS RAMPS TO SIDEWALKS MUST CONFORM TO THIS STANDARD. EXCEPTIONS TO THE REQUIREMENTS IN THIS DRAWING MUST BE APPROVED BY THE CITY ENGINEERING DEPARTMENT AND MUST COMPLY WITH PROWAG.
2. RAMP LAYOUT AND LOCATION SHALL BE APPROVED BY THE CITY PRIOR TO CONSTRUCTION.
3. NO ABOVE-GROUND UTILITIES ARE PERMITTED WITHIN THE RAMP OR LANDING AREA.
4. INSTALL TRANSITION PANELS AS DIRECTED WHEN EXISTING ADJACENT SIDEWALK EXCEEDS 2% CROSS SLOPE.
5. DETECTABLE WARNING MATS WITH TRUNCATED DOMES SHALL BE CAST IN PLACE AND EXTEND THE FULL WIDTH OF THE LANDING; THE COLOR SHALL BE SAFETY YELLOW.
6. CONCRETE STRENGTH SHALL HAVE A 28 DAY ULTIMATE COMPRESSIVE STRENGTH OF 3300 PSI.
7. LANDING SLOPES SHALL BE DESIGNED AT 1.5% MAX., IN ANY DIRECTION. CONSTRUCTION NOT TO EXCEED 2% IN ANY DIRECTION. RAMPS SHALL BE DESIGNED AT 7.5% SLOPE MAX., WITH CONSTRUCTION NOT TO EXCEED 8.3%.
8. MINIMUM LANDING DIMENSIONS SHALL BE 5' x 5'.

**City of
McMinnville**

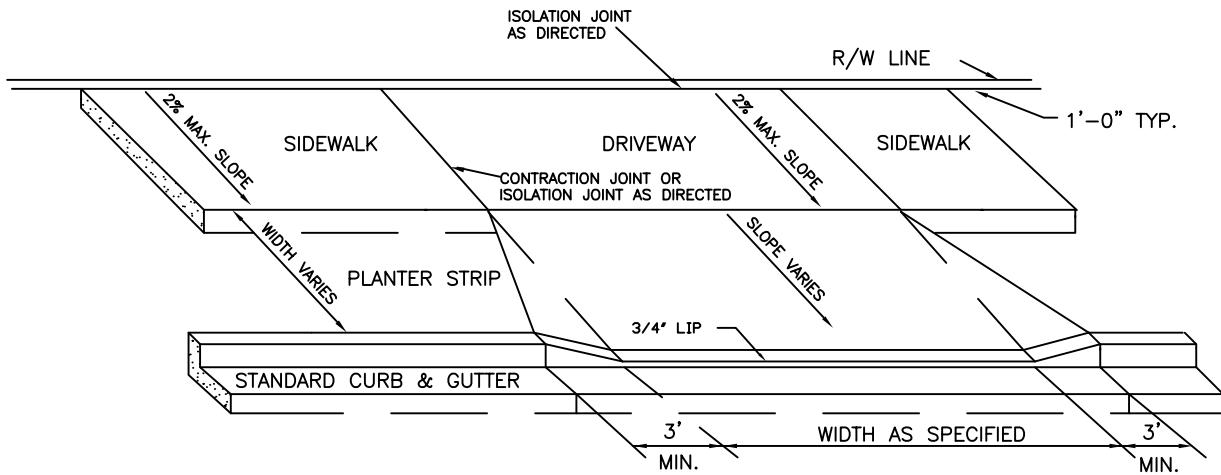
DETAIL FOR
PARALLEL CURBSIDE
SIDEWALK RAMP

DATE:

MAY 2025

DRAWING NO.

2A



DRIVEWAY / ALLEY APPROACH FOR SIDEWALK WITH PLANTER STRIP

NOTES:

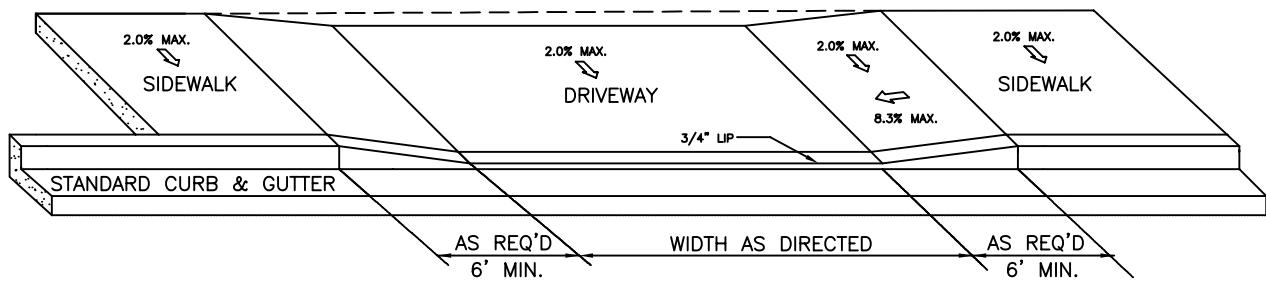
- 1) ALL RESIDENTIAL DRIVEWAYS AND SIDEWALK SECTIONS THROUGH DRIVEWAYS SHALL HAVE A NOMINAL THICKNESS OF 6" OF CONCRETE. ALL COMMERCIAL/INDUSTRIAL DRIVEWAYS SHALL INCLUDE REBAR OR HAVE NOMINAL THICKNESS INCREASED TO 8". CONCRETE SHALL HAVE A 28 ULTIMATE COMPRESSIVE STRENGTH OF 3300 PSI.
- 2) WING SECTIONS BETWEEN FULL CURB HEIGHT AND DRIVEWAY SHALL BE 3' MINIMUM.
- 3) DEPENDING ON THE WIDTH OF THE DRIVEWAY OR ALLEY APPROACH, CONSTRUCT ONE OR MORE CONTRACTION JOINTS.
- 4) SEE STANDARD DETAIL 5 (CURB KNOCK-OUT) FOR INSTALLATIONS IN EXISTING CURB AND GUTTER.
- 5) ALL WORK SHALL COMPLY WITH CURRENT P.R.O.W.A.G. GUIDELINES AND THE CURRENT EDITION OF OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION.
- 6) SIDEWALK DESIGN, INCLUDING THROUGH DRIVEWAY APPROACH, SHOULD BE DESIGNED AT 1.5% CROSS SLOPE MAX., WITH CONSTRUCTION AT 2.0% MAX.
- 7) CONCRETE FINISH SHALL BE BROOMED WITH 4" MAX. WIDTH AND 3/8" RADIUS SHINED EDGES.

**City of
McMinnville**

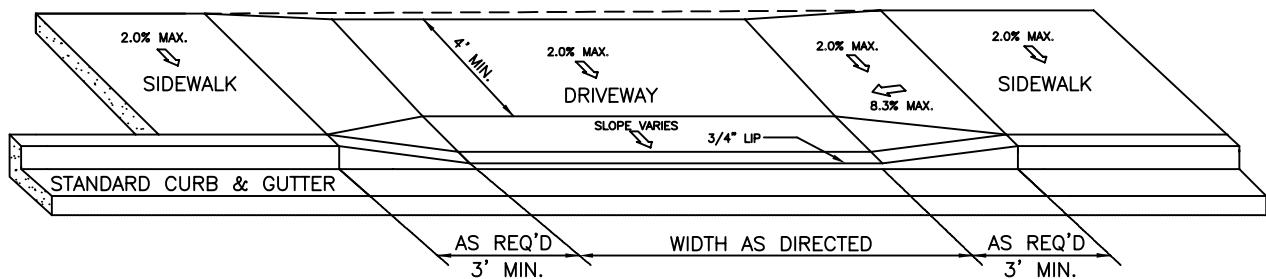
DETAIL FOR
DRIVEWAY WITH PLANTER STRIP

DRAWN BY	DATE:	DRAWING NO.
JG	NOVEMBER 2025	3

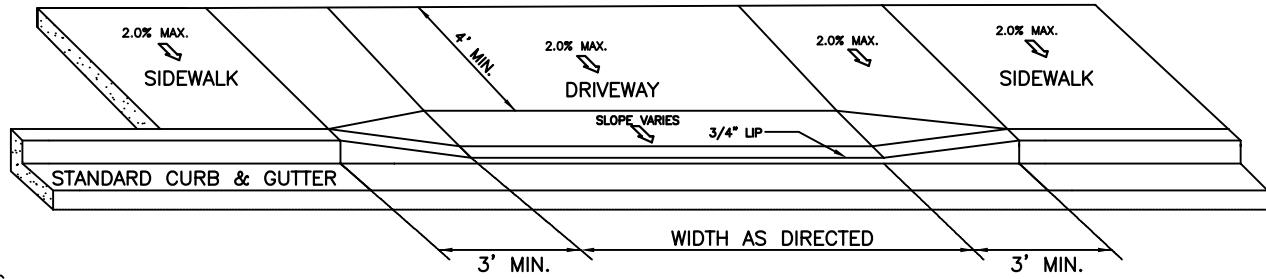
FULLY LOWERED DRIVEWAY APPROACH



PARTIALLY LOWERED DRIVEWAY APPROACH



NON LOWERED DRIVEWAY APPROACH



NOTES

- 1) ALL RESIDENTIAL DRIVEWAY AND SIDEWALK SECTIONS THROUGH DRIVEWAYS SHALL HAVE A NOMINAL THICKNESS OF 6" OF CONCRETE. ALL COMMERCIAL/INDUSTRIAL DRIVEWAYS SHALL INCLUDE REBAR OR HAVE NOMINAL THICKNESS INCREASED TO 8" OF CONCRETE. CONCRETE SHALL HAVE A 28 DAY ULTIMATE COMPRESSIVE STRENGTH OF 3300 PSI
- 2) WING SECTIONS BETWEEN FULL CURB HEIGHT AND DRIVEWAY SHALL BE 6' MIN. ON FULLY LOWERED APPROACH AND 3' MIN. ON PARTIALLY AND NON LOWERED APPROACHES.
- 3) DEPENDING ON THE WIDTH OF THE DRIVEWAY OR ALLEY APPROACH, CONSTRUCT ONE OR MORE CONTRACTION JOINTS
- 4) SEE STANDARD DETAIL 5 (CURB KNOCK-OUT) FOR INSTALLATION IN EXISTING CURB & GUTTER.
- 5) ALL WORK SHALL COMPLY WITH CURRENT PROWAG GUIDELINES AND THE CURRENT EDITION OF THE OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION.
- 6) SIDEWALK DESIGN, INCLUDING THROUGH DRIVEWAY APPROACH, SHOULD BE DESIGNED AT 1.5% CROSS SLOPE MAX., WITH CONSTRUCTION AT 2.0% MAX.
- 7) CONCRETE FINISH SHALL BE BROOMED WITH 4" MAX. WIDTH AND 3/8" RADIUS SHINED EDGES
- 8) FULLY LOWERED DRIVEWAY APPROACHES ARE REQUIRED FOR ARTERIAL AND COLLECTOR STREETS

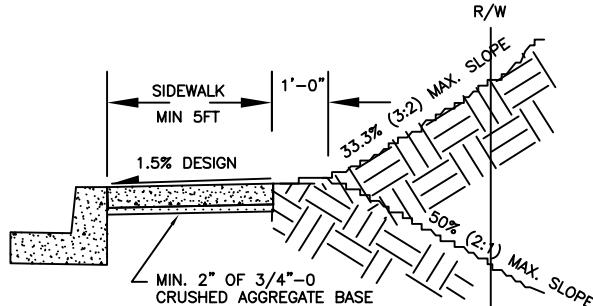
**City of
McMinnville**

**RESIDENTIAL & COMMERCIAL
CURBSIDE DRIVEWAY APPROACH**

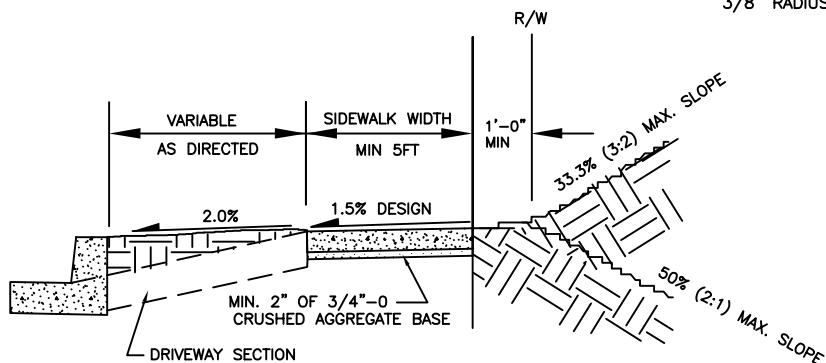
DATE:
MAY 2025

DRAWING NO.

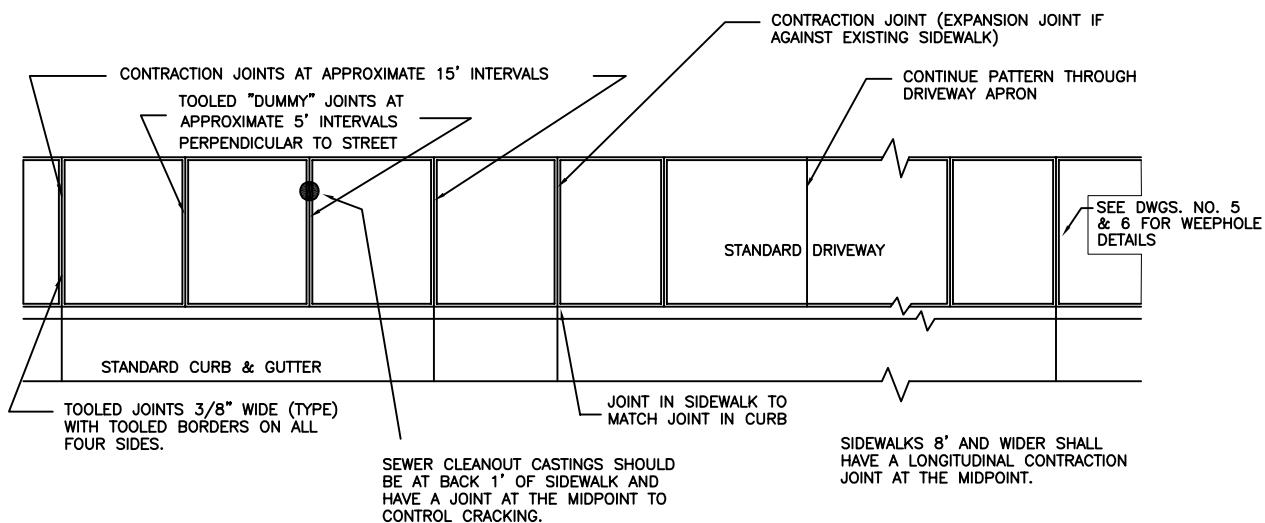
3A



TYPICAL CURB TYPE CROSS SECTION



TYPICAL SETBACK TYPE CROSS SECTION



TYPICAL PLAN VIEW

**City of
McMinnville**

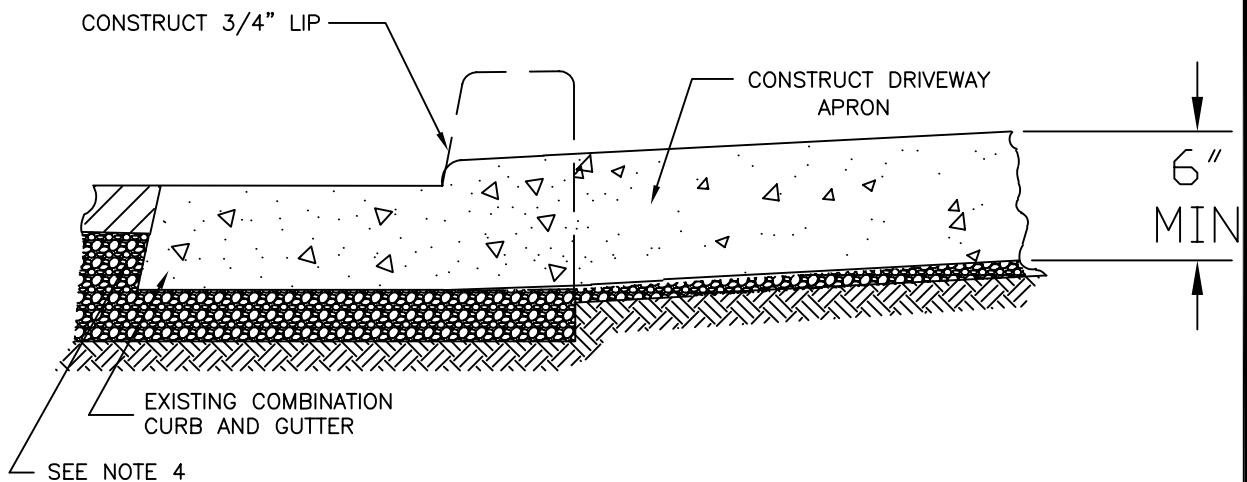
**DETAIL FOR
SIDEWALK**

DRAWN BY
JG

DATE:
NOVEMBER 2025

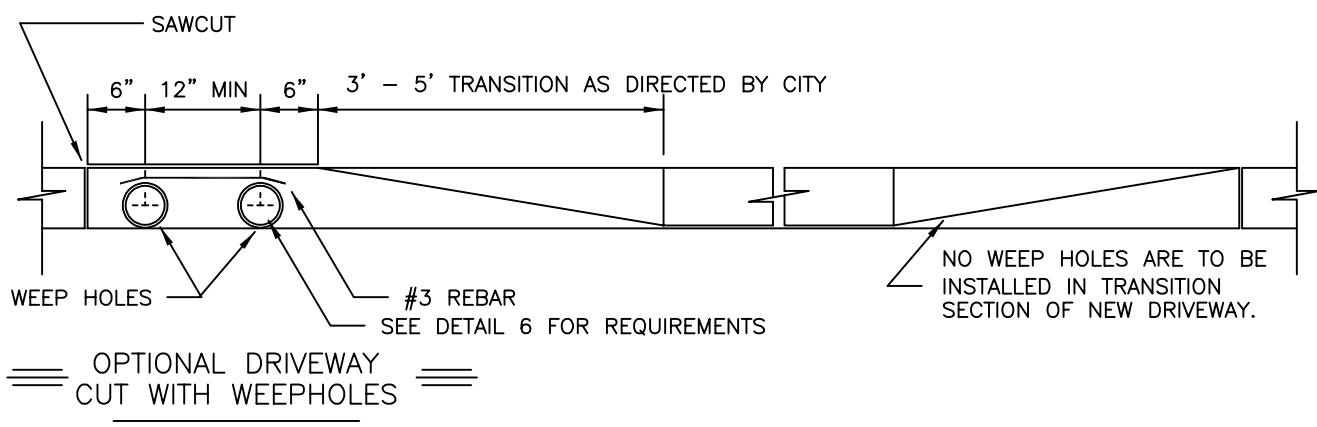
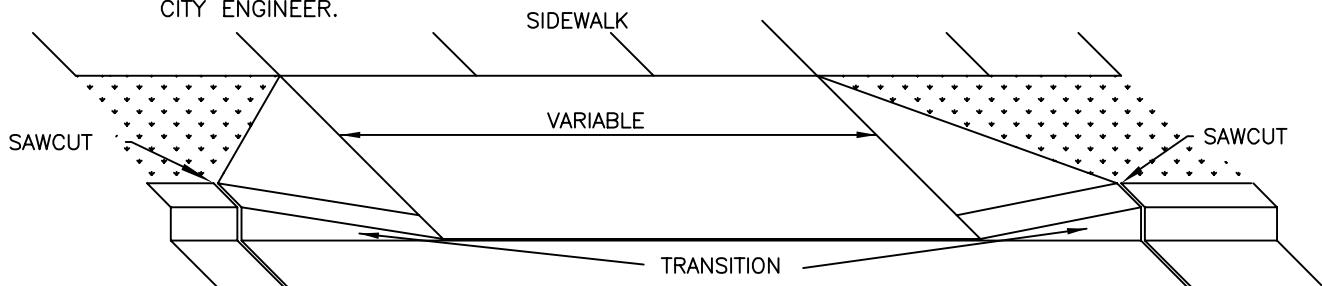
DRAWING NO.

4



NOTES:

- 1) REMOVE CURB AND GUTTER, DO NOT LEAVE GUTTER IN PLACE
- 2) IF NECESSARY REPLACE AT LEAST 2' OF ASPHALT IN FRONT OF GUTTER PAN THAT WAS REMOVED.
- 3) WHEN STRAIGHT CURBS ARE REMOVED, AC PAVEMENT SHALL BE REPLACED AS NEEDED OR DIRECTED BY CITY ENGINEER.
- 4) WHEN ENTIRE GUTTER PLATE IS REMOVED THE EXISTING PAVEMENT WILL BE UNDERCUT TO PROVIDE CONCRETE SUPPORT UNDER PAVEMENT. (SEE VALLEY GUTTER DETAILS DWG. NO. 20).



**City of
McMinnville**

DETAIL FOR
CURB KNOCKOUT FOR
DRIVEWAYS

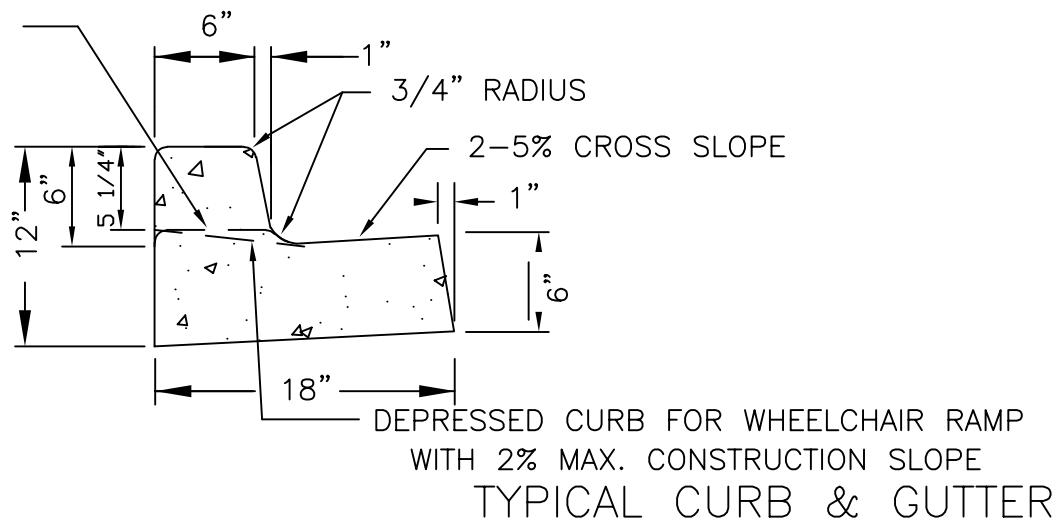
DRAWN BY:
JG

DATE:
NOVEMBER 2025

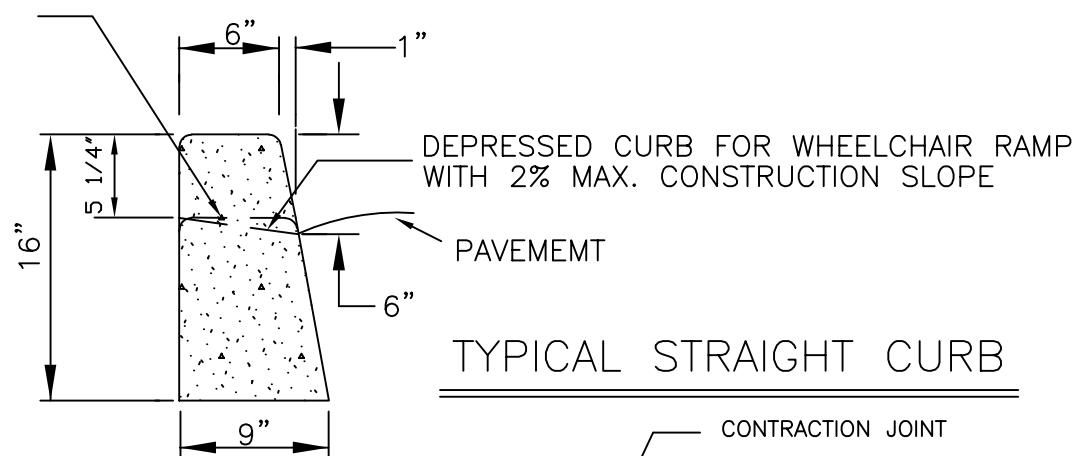
DRAWING NO.

5

DEPRESSED CURB
FOR DRIVEWAY
(3/4" MAX. LIP)

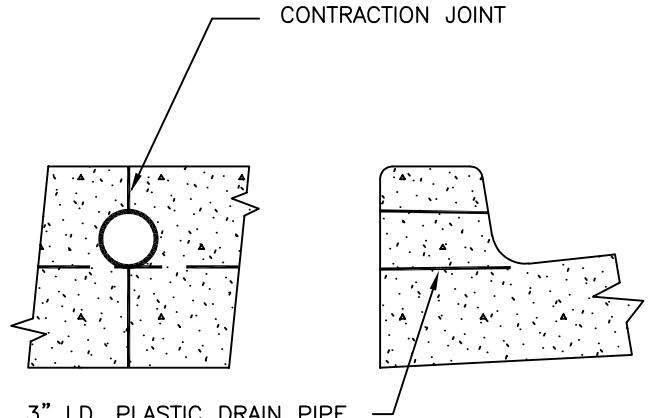


DEPRESSED CURB
FOR DRIVEWAY
(3/4" MAX. LIP)



NOTES:

1. ALL RADII SHALL BE 3/4" EXCEPT AS OTHERWISE SHOWN.
2. ISOLATION JOINTS SHALL BE PLACED ONLY AS SPECIFIED BY THE CITY ENGINEER.
3. CONTRACTION JOINTS SHALL BE PLACED AT 15' INTERVALS UNLESS OTHERWISE SPECIFIED, AND SHALL EXTEND AT LEAST 50% THROUGH THE CURB OR CURB & GUTTER.
4. A CONTRACTION JOINT SHALL BE PLACED ALONG AND OVER WEEP HOLE THROUGH THE CURB AND THROUGH THE SIDEWALK.
5. WHEN SIDEWALKS ARE CONSTRUCTED, EXTEND 3" PIPE TO BACK OF SIDEWALK AND INSTALL COUPLING.



WEEP HOLE THROUGH CURB

**City of
McMinnville**

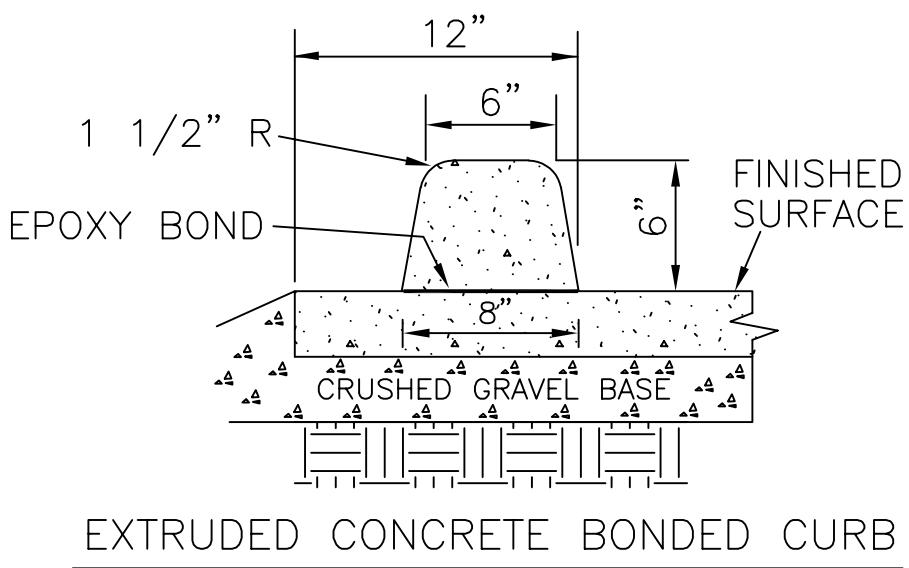
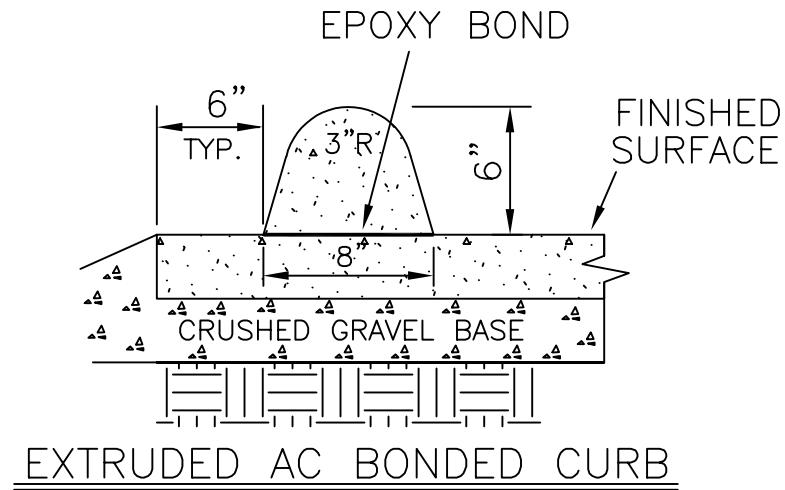
DETAIL FOR
P.C. CONCRETE
CURB AND GUTTER

DATE:

APRIL 2025

DRAWING NO.

6



NOTES:

1. ISOLATION JOINTS SHALL BE PLACED ONLY AS SPECIFIED BY THE CITY ENGINEER.
2. CONTRACTION JOINTS SHALL BE PLACED AT 15' INTERVALS UNLESS OTHERWISE SPECIFIED, AND SHALL EXTEND AT LEAST 50% THROUGH THE CURB OR CURB & GUTTER.

**City of
McMinnville**

DETAIL FOR
P.C. AND A.C.
EXTRUDED CURB

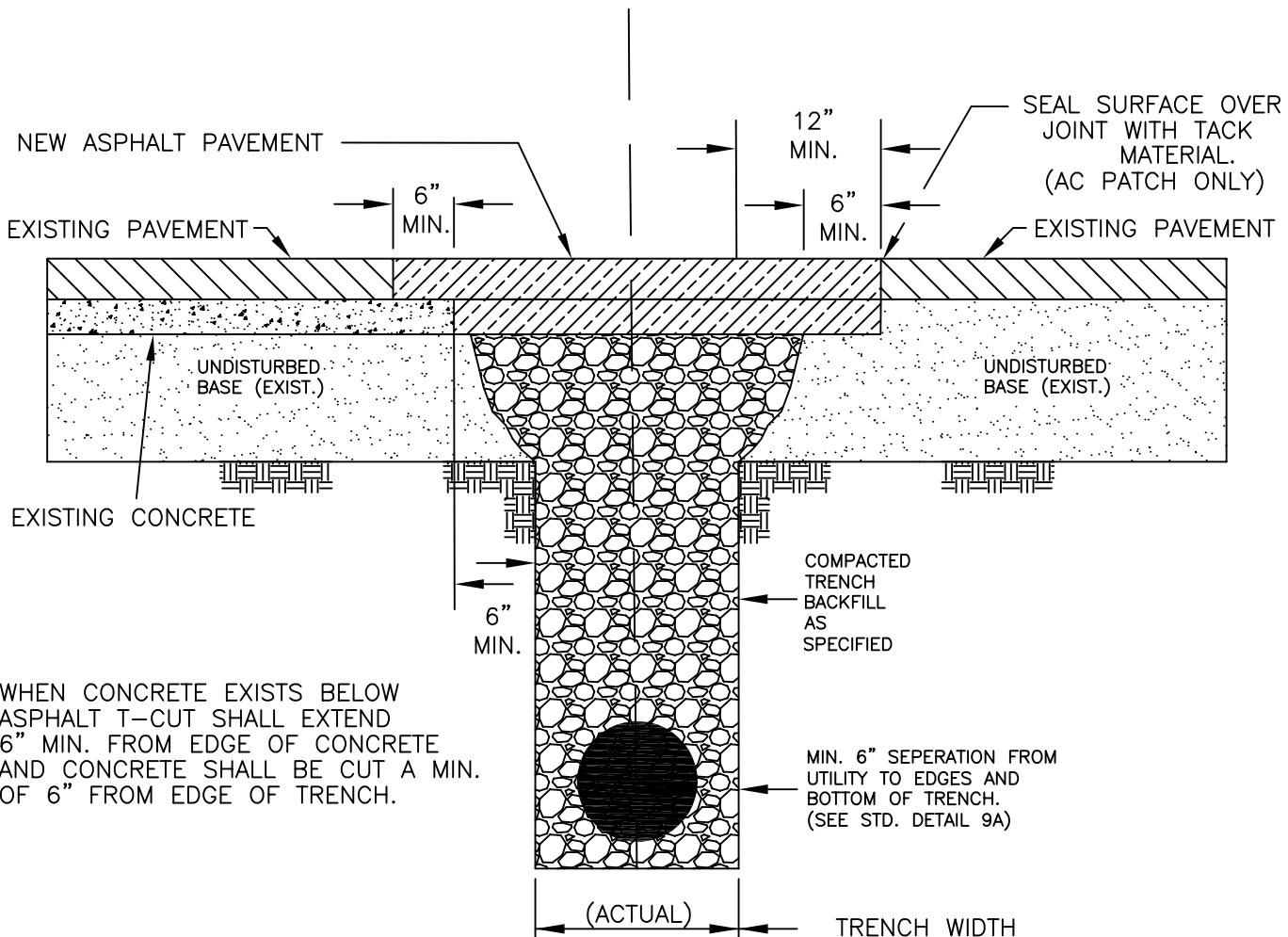
DATE:
MAY 2025

DRAWING NO.



STREET SECTION WITH
ASPHALT OVER CONCRETE

STREET SECTION WITH
ASPHALT OVER SUBGRADE



NOTES:

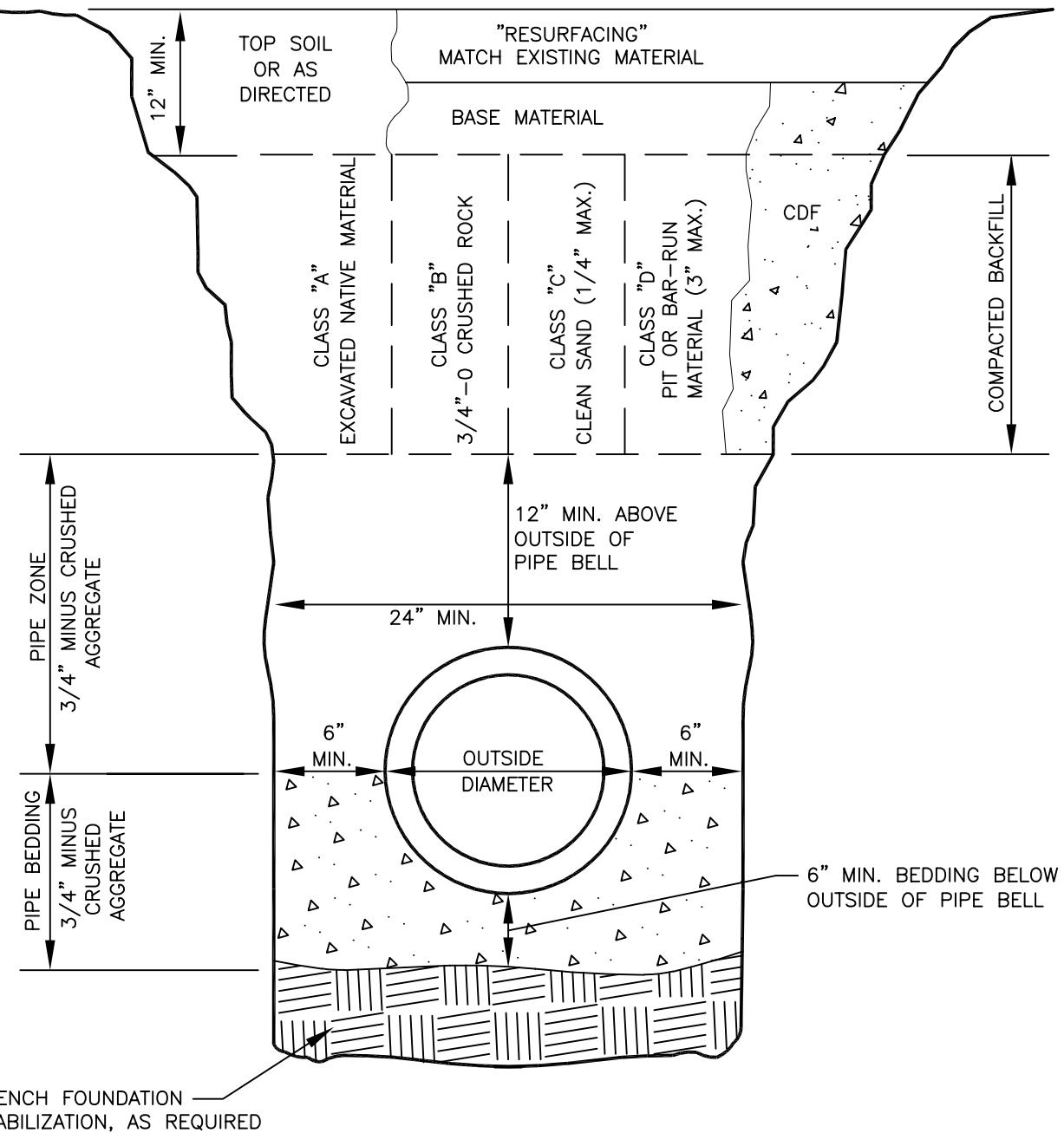
- 1) LIMITS OF TRENCH PATCH SHALL BE APPROVED BY CITY ENGINEER PRIOR TO PAVING. LIMITS WILL BE A MINIMUM OF 12" FROM EDGE OF TRENCH.
- 2) AC PAVEMENT SHALL BE REPLACED WITH AC TO A MINIMUM THICKNESS OF 6" OR TO THE THICKNESS OF REMOVED PAVEMENT, WHICHEVER IS GREATER. EACH LIFT SHALL BE A MAXIMUM OF 3". IF PAVING OVER EXISTING CONCRETE, THE ASPHALT PATCH SHALL BE 3" WITH A MINIMUM 6" OFFSET JOINT FROM THE EDGE OF CONCRETE.
- 3) USE 1/2" DENSE LEVEL II WMAC MIX OR AS APPROVED BY CITY ENGINEER. COLD MIX SHALL BE REPLACED WITH 1/2" DENSE LEVEL II WMAC.

**City of
McMinnville**

DETAIL FOR
STREET CUT

DATE: MAY 2025 DRAWING NO.

8



NOTE:

SURFACING OF PAVED AREAS SHALL COMPLY
WITH STREET CUT STANDARD DWG. NO. 8.

**City of
McMinnville**

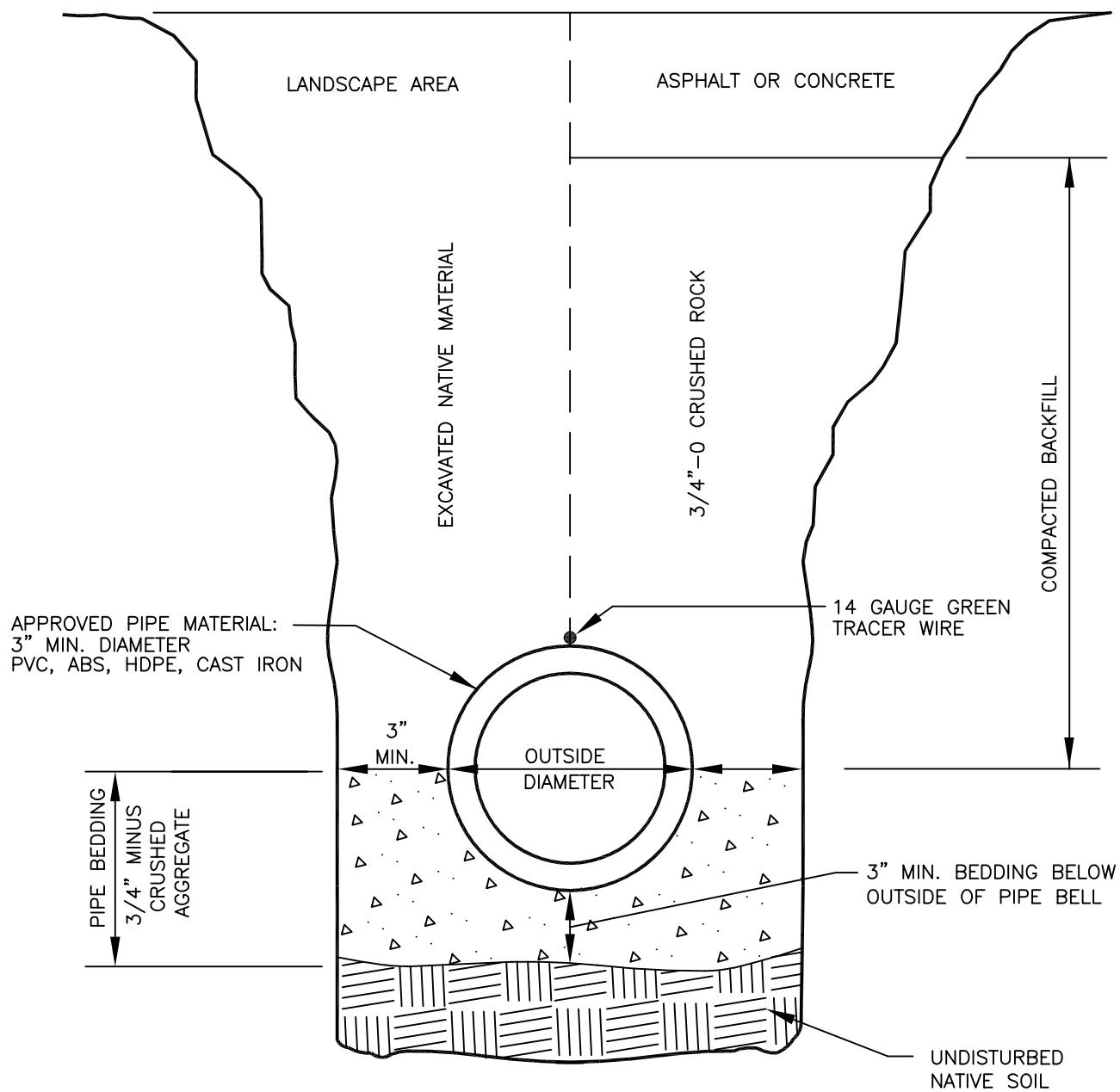
DETAIL FOR
TRENCH BACKFILL
BEDDING & PIPE ZONE

DATE:

MAY 2025

DRAWING NO.

9A



NOTES:

1. MIN. PIPE SLOPE 2% (1/4 INCH PER FOOT).
2. CLEANOUT MUST BE WITHIN 2 FEET OF HOUSE.
3. CLEANOUT EVERY 100 FEET AND/OR 135 DEGREES OF BEND.

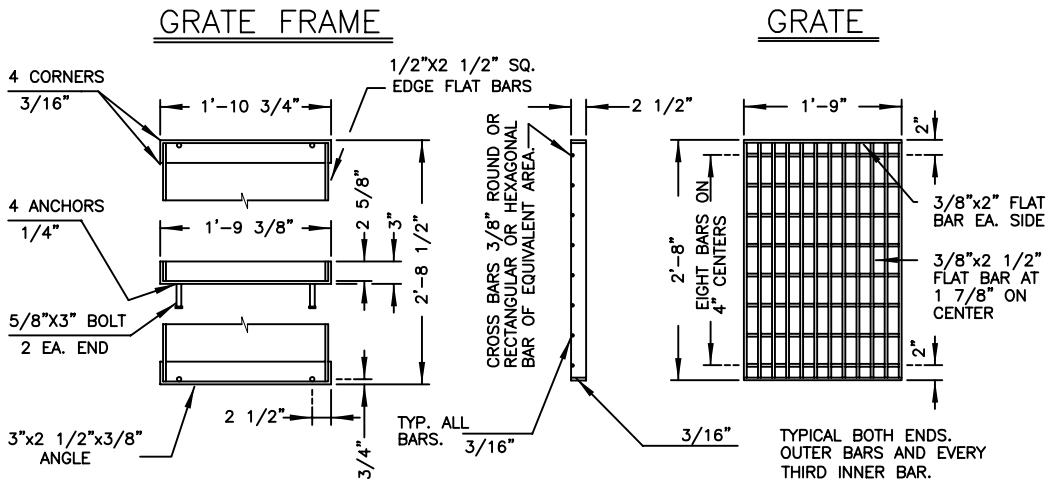
**City of
McMinnville**

DETAIL FOR
TRENCH BACKFILL
PRIVATE PROPERTY

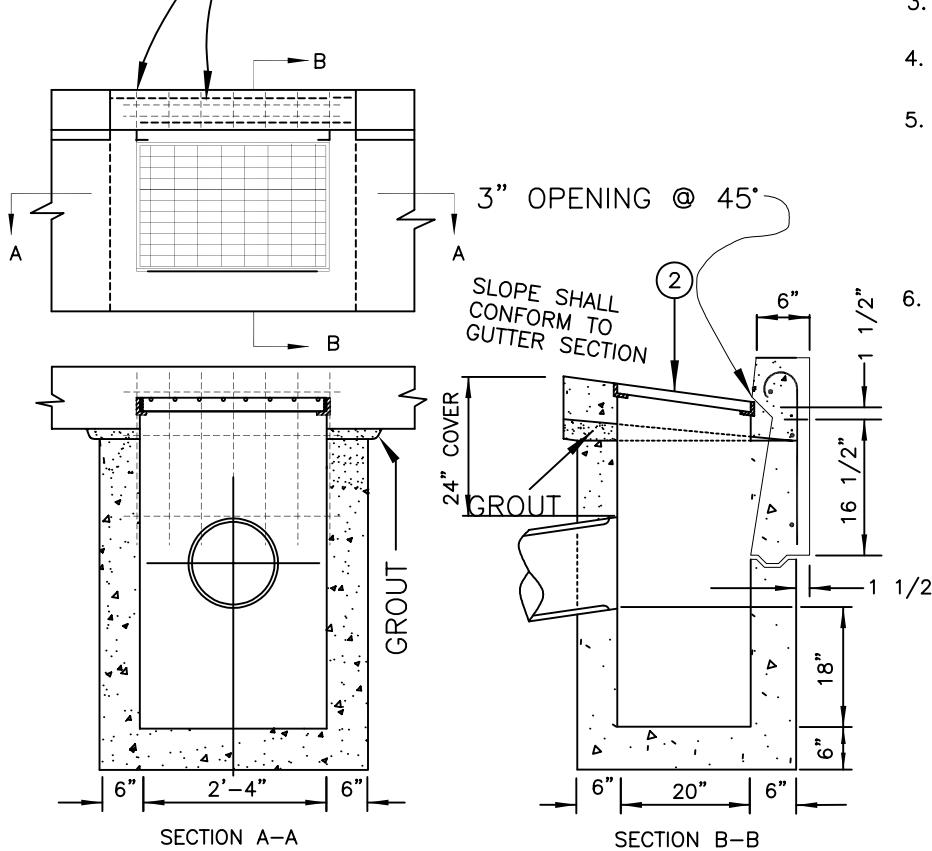
DATE:
MAY 2025

DRAWING NO.

9B



USE SEVEN #3 HOOK BARS
@ 6" C.C. VERT. & THREE #5
BARS HORIZ. IN CURB AS SHOWN.



NOTES:

1. PRECAST BASE WALLS MAY BE A MINIMUM OF 4" THICK.
2. CONCRETE SHALL BE CLASS 3000.
3. APP. CAST IRON FRAMES & GRATES MAY BE ACCEPTED.
4. POURED IN PLACE OR APPROVED PRECAST MAY BE USED.
5. 3/8" CROSS BARS SHALL BE FLUSH WITH THE GRATE SURFACE AND MAY BE FILLET WELDED, RESISTANCE WELDED OR ELECTROFORGED TO BEARING BARS.
6. FOR OVERSIZE CATCH BASIN (G-2), INSIDE DIMENSIONS MUST BE 2'-4" x 2'-4"; GRATE AND FRAME WILL ADJUST ACCORDINGLY.

City of McMinnville

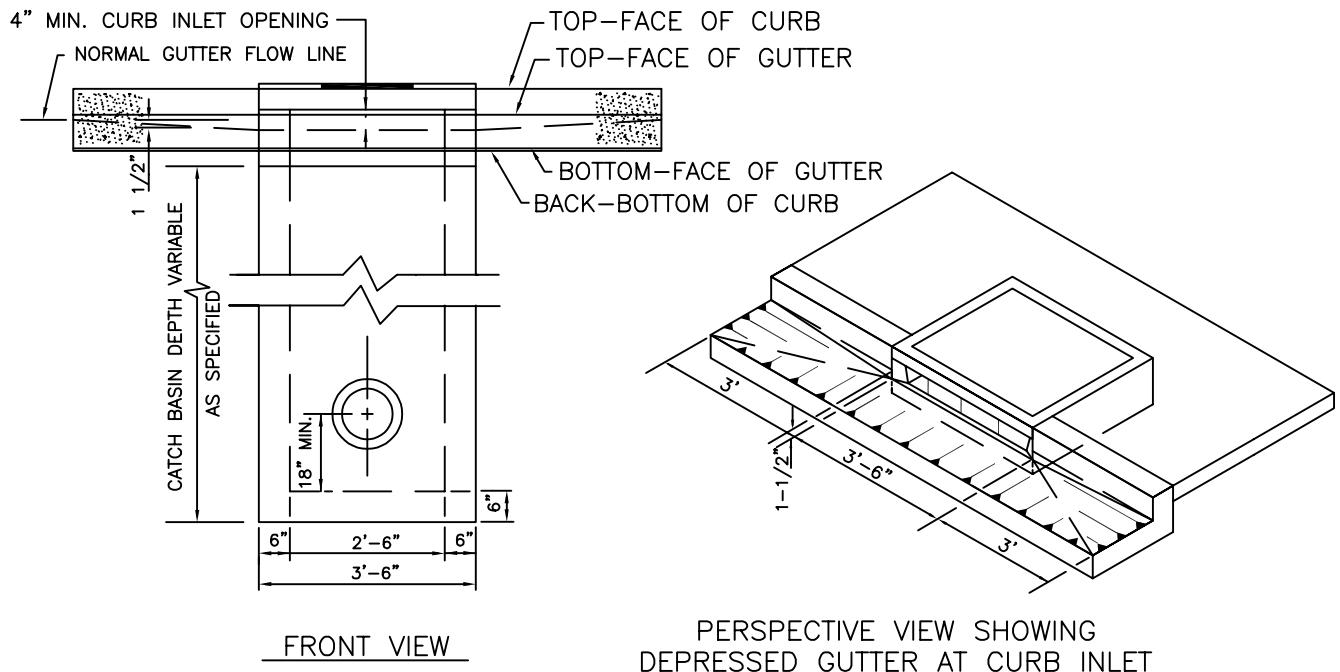
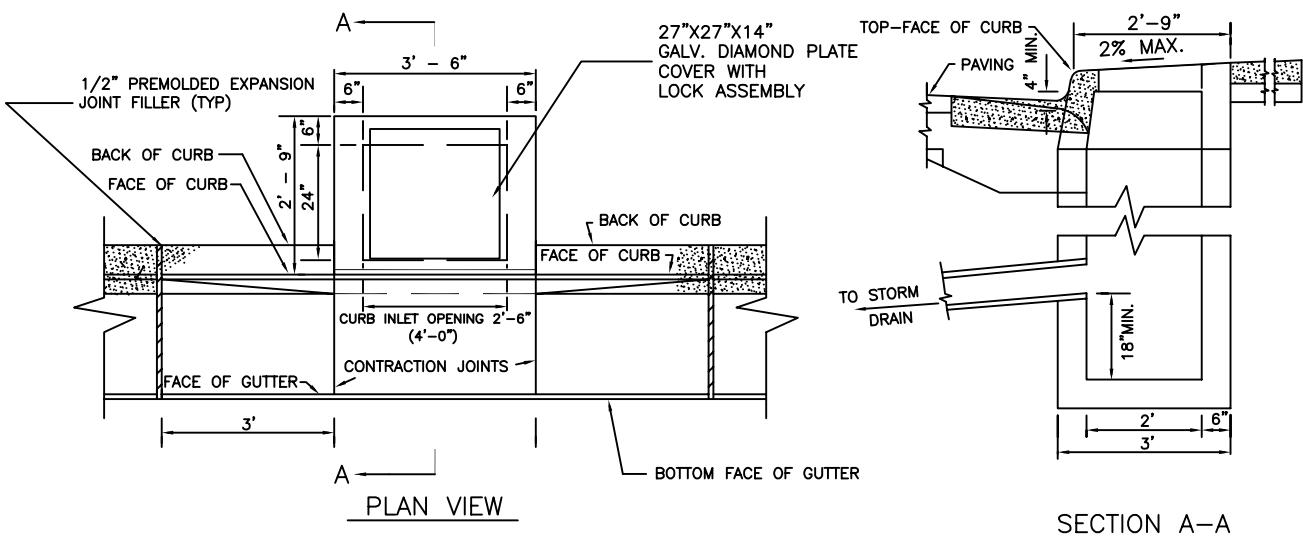
DETAIL FOR
COMBINATION GUTTER
AND CURB INLET
CATCH BASIN

DRAWN BY

DATE:

DRAWING NO.

11



NOTES:

- 1) ALL FABRICATED METAL PARTS SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION.
- 2) CONCRETE SHALL HAVE A 28 DAY ULTIMATE COMPRESSIVE STRENGTH OF 3300 PSI.
- 3) FOR STEEP GRADES USE STD. PRECAST INLET WITH 4' OPENING OR TWO 2'-6" OPENING INLETS.
- 4) PRECAST CURB INLET IS PATTERNED AFTER WALT'S CONCRETE, SPRINGFIELD, OR. CONCRETE CURB INLET PAT. NO. 4000953.

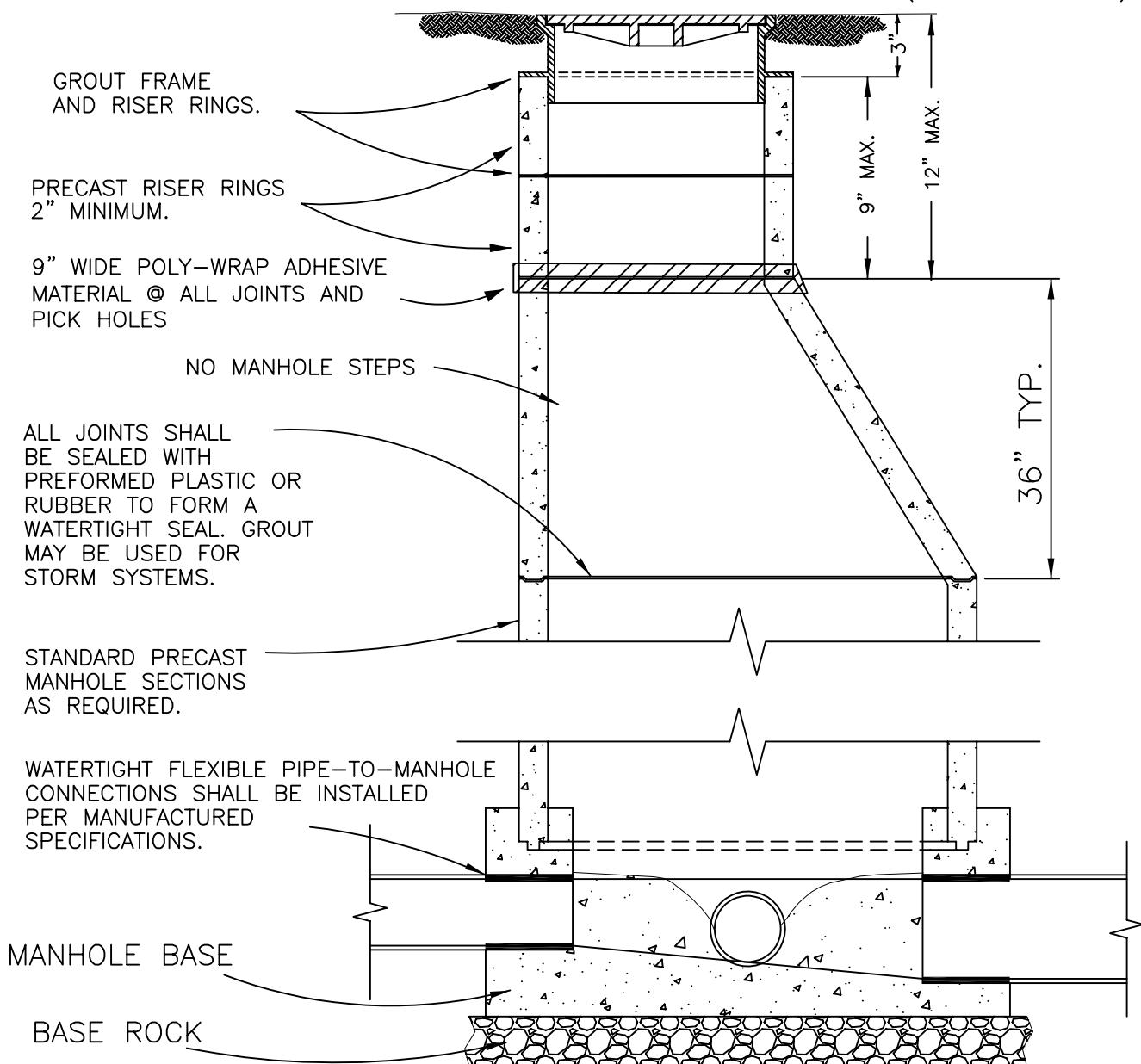
**City of
McMinnville**

DETAIL FOR
GUTTER INLET

DATE:	MAY 2025
DRAWING NO.	12

OLYMPIC FOUNDRY OR APPROVED EQUAL

24" X 6" FRAME (OLYMPIC MH26)
COVER PATTERN: SANITARY 2-HOLE
(OLYMPIC MH26S)
COVER PATTERN: STORM 16-HOLE
(OLYMPIC MH26P)



NOTES:

1. STANDARD PRECAST MANHOLE SECTION DIAMETER SHALL BE 48"
MINIMUM AND MEET OR EXCEED ASTM C 478.

**City of
McMinnville**

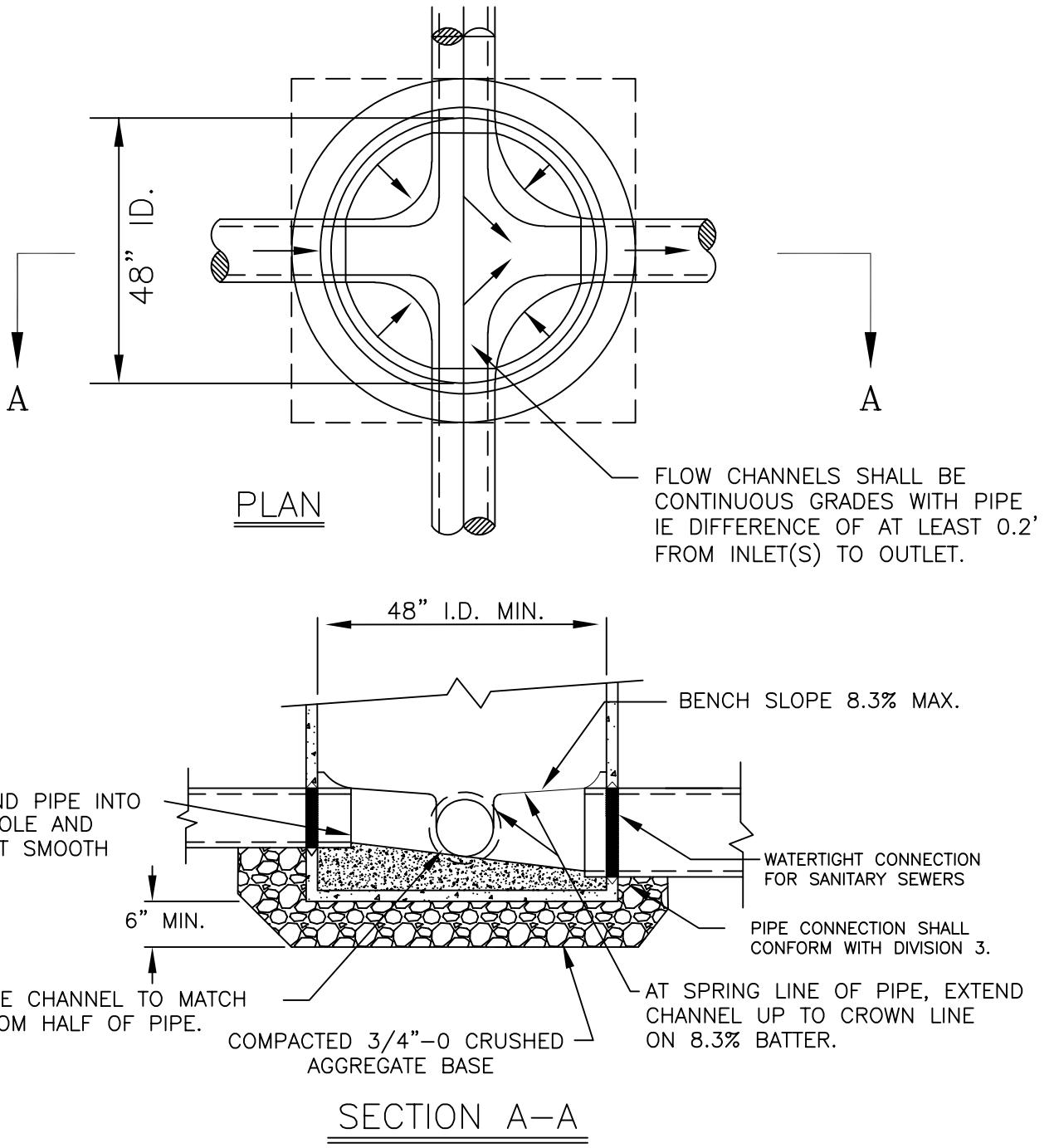
DETAIL FOR
STANDARD MANHOLE

DATE:

MAY2025

DRAWING NO.

13



NOTES:

- 1) CONCRETE SHALL BE 3000 PSI MIN.
- 2) CHANNELS SHALL BE CONSTRUCTED TO PROVIDE SMOOTH SLOPES AND RADII TO OUTLET PIPE.
- 3) ALL PIPE CONNECTIONS SHALL BE WITH FLEXIBLE BOOTS.
- 4) BASES ARE TO BE PRECAST.

**City of
McMinnville**

DETAIL FOR
STANDARD MANHOLE
BASE SECTION

DATE:

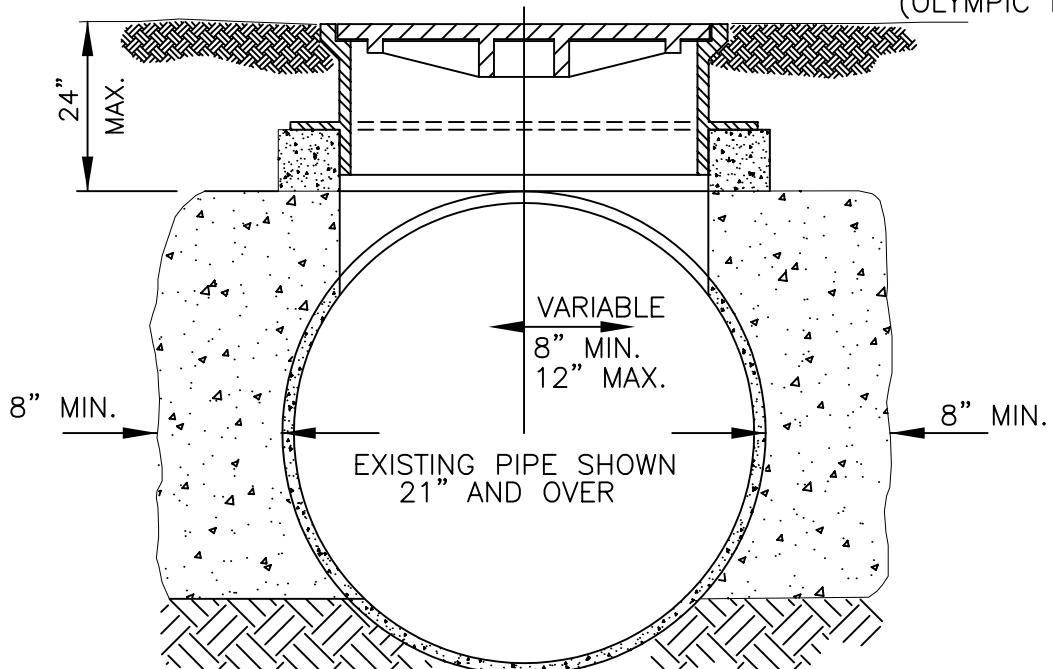
MAY 2025

DRAWING NO.

14

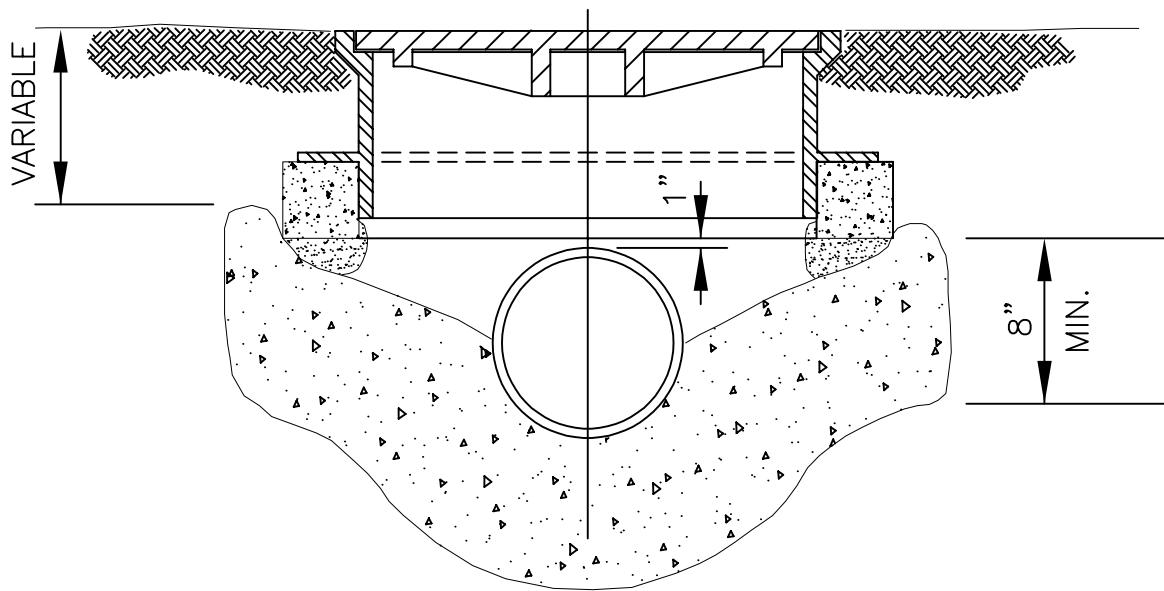
OLYMPIC FOUNDRY OR APPROVED EQUAL

24" X 6" FRAME (OLYMPIC MH26)
COVER PATTERN: SANITARY 2-HOLE
(OLYMPIC MH26S)
COVER PATTERN: STORM 16-HOLE
(OLYMPIC MH26P)



LOW PROFILE MANHOLE

BASE TO EXTEND UNDER PIPE
WITH 8" MIN. THICKNESS



SHALLOW MANHOLE

**City of
McMinnville**

DETAIL FOR
STANDARD LOW PROFILE
AND SHALLOW MANHOLE

DATE:

MAY 2025

DRAWING NO.

15

CLEANOUT
(PIPE SIZE)

SLEEVE SIZE

6"

8" MIN.

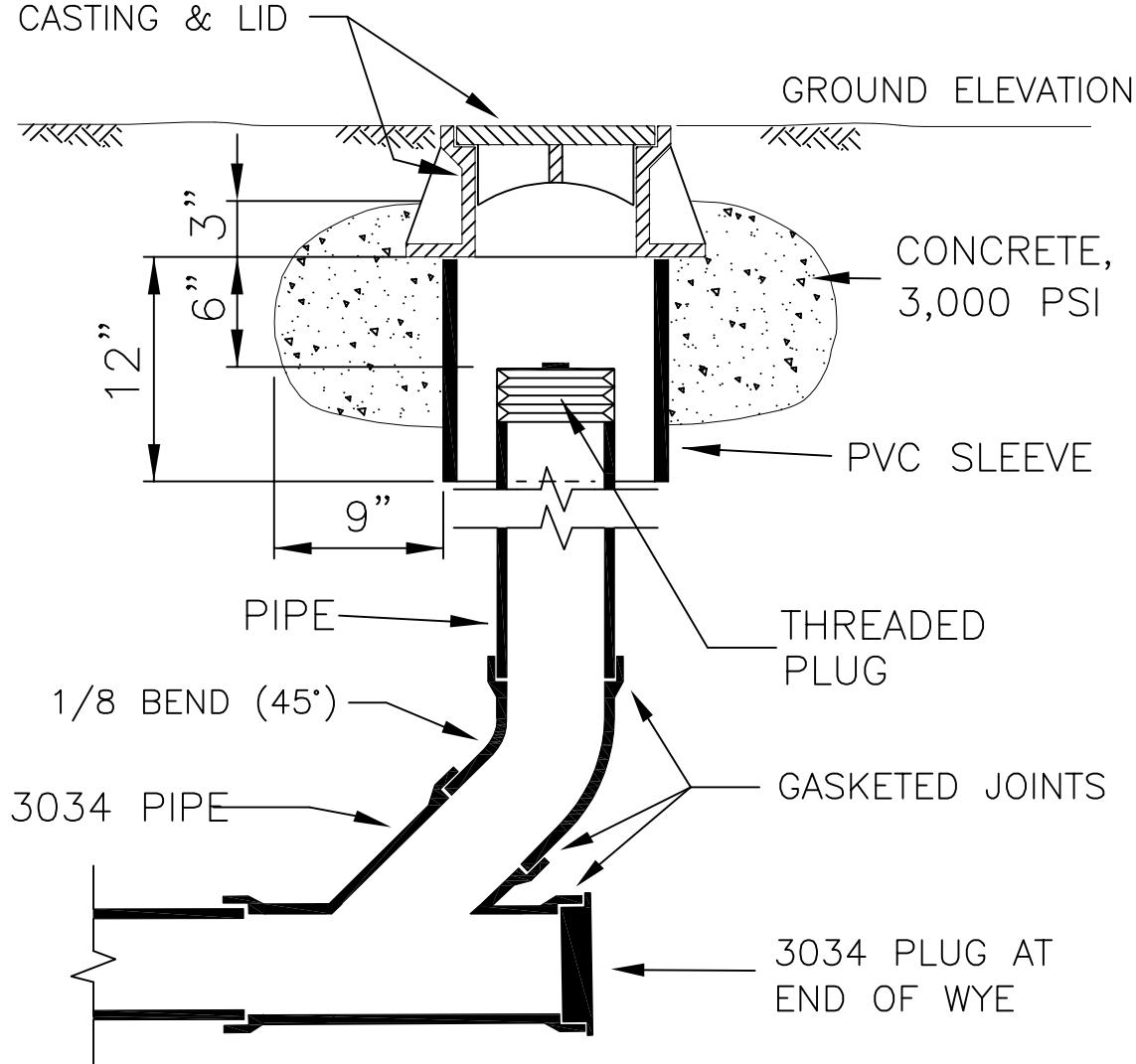
8"

12" MIN.

OLYMPIC FOUNDRY, INC.
(OR SIMILAR APPROVED)
LOCKING CLEANOUT
CASTING & COVER
M1007 D/T

CLEANOUT CASTING & LID

GROUND ELEVATION



**City of
McMinnville**

DETAIL FOR
STANDARD SANITARY
MAINLINE CLEANOUT

DATE:

MAY 2025

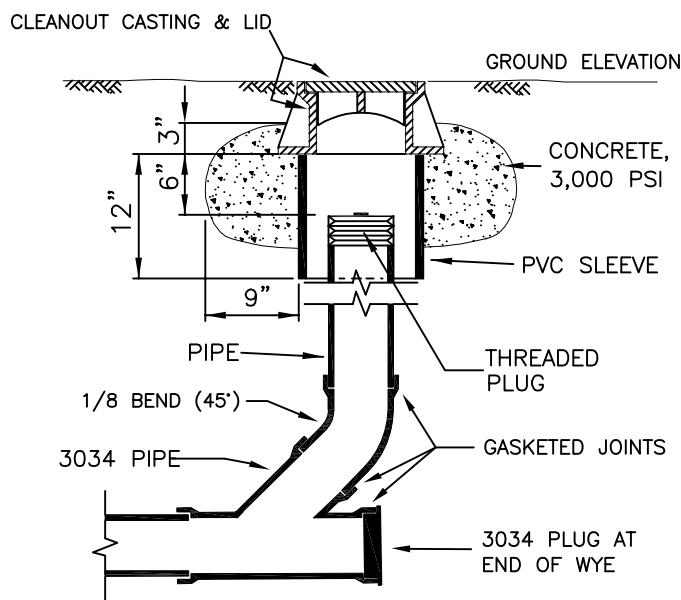
DRAWING NO.

18

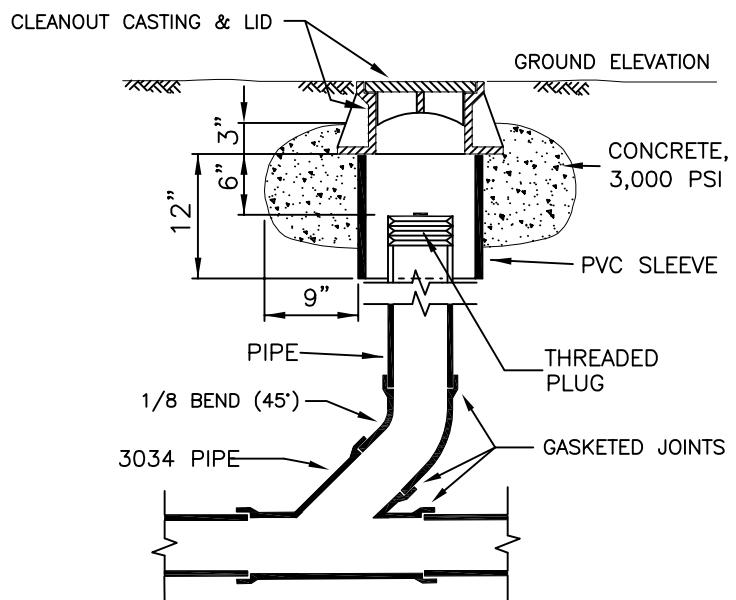
CLEANOUT (PIPE SIZE)	SLEEVE SIZE
4"	8" MIN.
6"	8" MIN.
8"	12" MIN.

OLYMPIC FOUNDRY, INC.
(OR SIMILAR APPROVED)
LOCKING CLEANOUT
CASTING & COVER
M1007 D/T

END OF LINE CLEANOUT



IN LINE CLEANOUT



**City of
McMinnville**

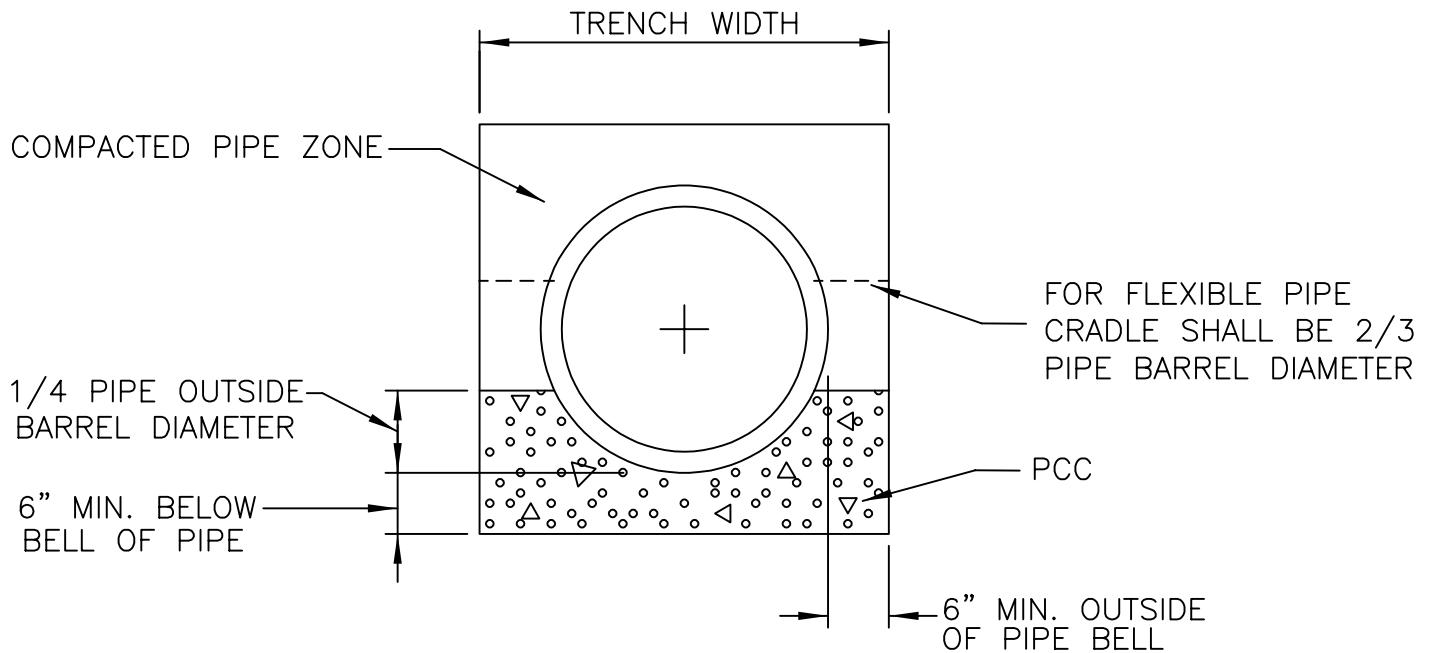
DETAIL FOR
STANDARD SANITARY
CLEANOUT

DATE:

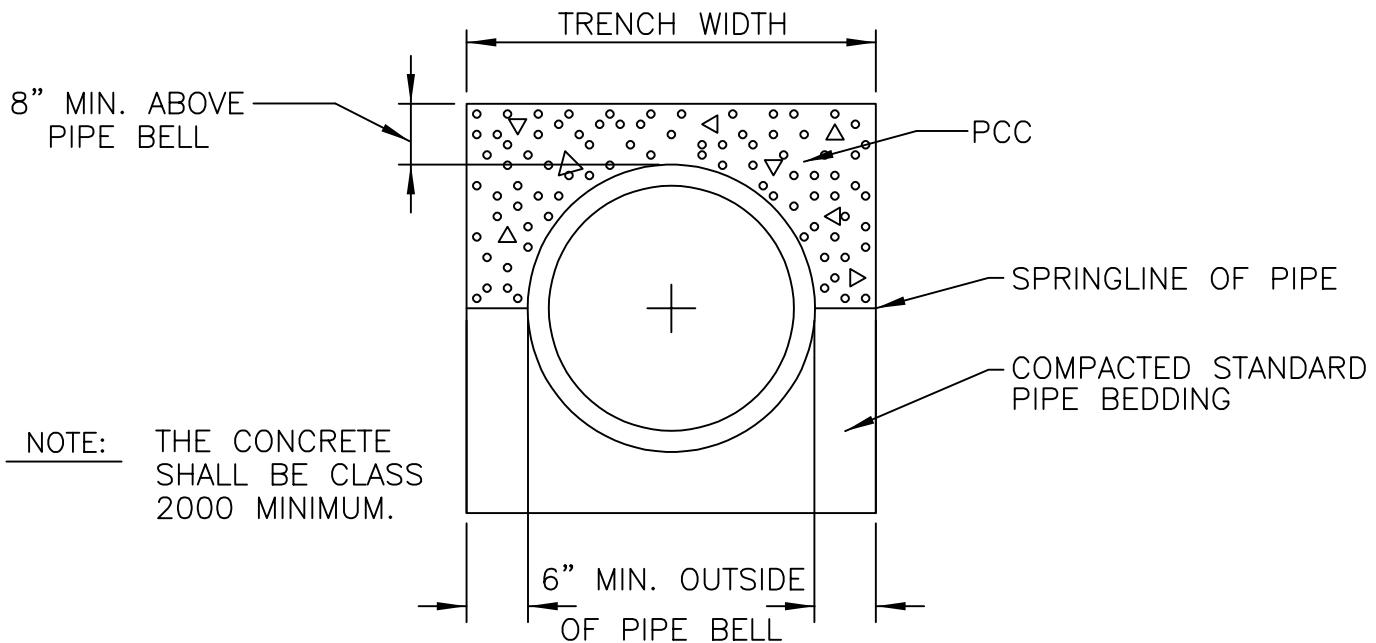
MAY 2025

DRAWING NO.

18B



ENCASEMENT DETAIL



CAP DETAIL

**City of
McMinnville**

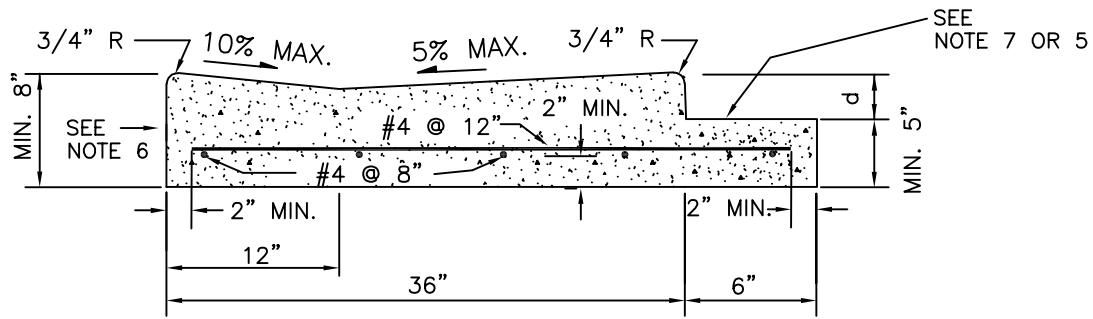
DETAIL FOR
CONCRETE CRADLE
AND CAP DETAILS

DATE:

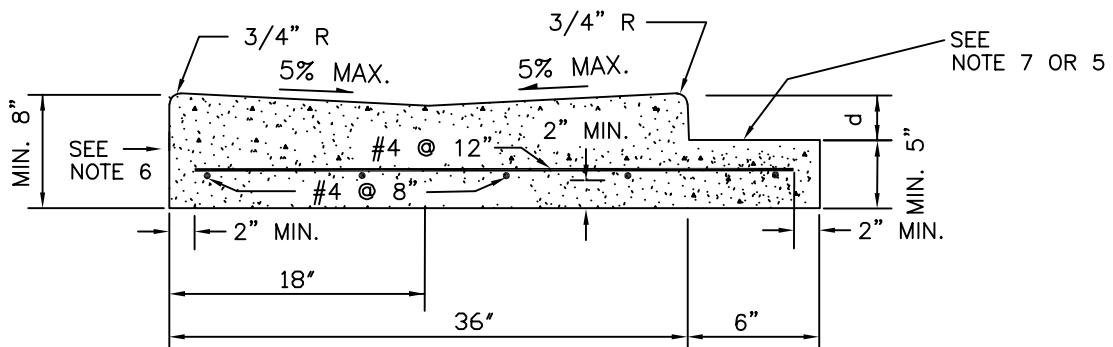
MAY 2025

DRAWING NO.

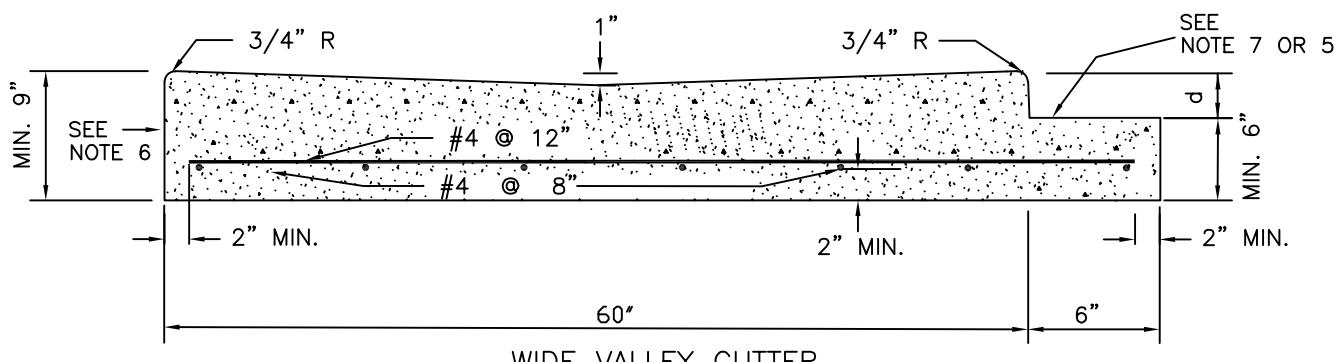
19



CONCRETE - NON-SYMMETRICAL "V" GUTTER



CONCRETE - SYMMETRICAL "V" TYPE GUTTER



WIDE VALLEY GUTTER

NOTES:

1. d = THICKNESS OF ASPHALT PAVING.
2. THE CONCRETE SHALL BE CLASS 3300.
3. THE TOTAL WIDTH OF THE NON-SYMMETRICAL "V" GUTTER MAY BE REDUCED TO 30" WHEN CONSTRUCTION WITH A CURB-EXTRUSION MACHINE.
4. CONSTRUCT 6" BENCH MONOLITHICALLY WITH VALLEY GUTTER TO EXTEND UNDER PAVING FOR PAVEMENT SUPPORT.
5. WHEN BENCH IS NOT REQUIRED, CONSTRUCT 1" BATTER ON VERTICAL FACE.
6. PLACE PREMOLDED FILLER AGAINST VERTICAL FACE WHERE VALLEY GUTTER ABUTS CONCRETE.
7. CONSTRUCT 6" x d DEPRESSED BENCH WHERE VALLEY GUTTER ABUTS ASPHALT PAVEMENT.

**City of
McMinnville**

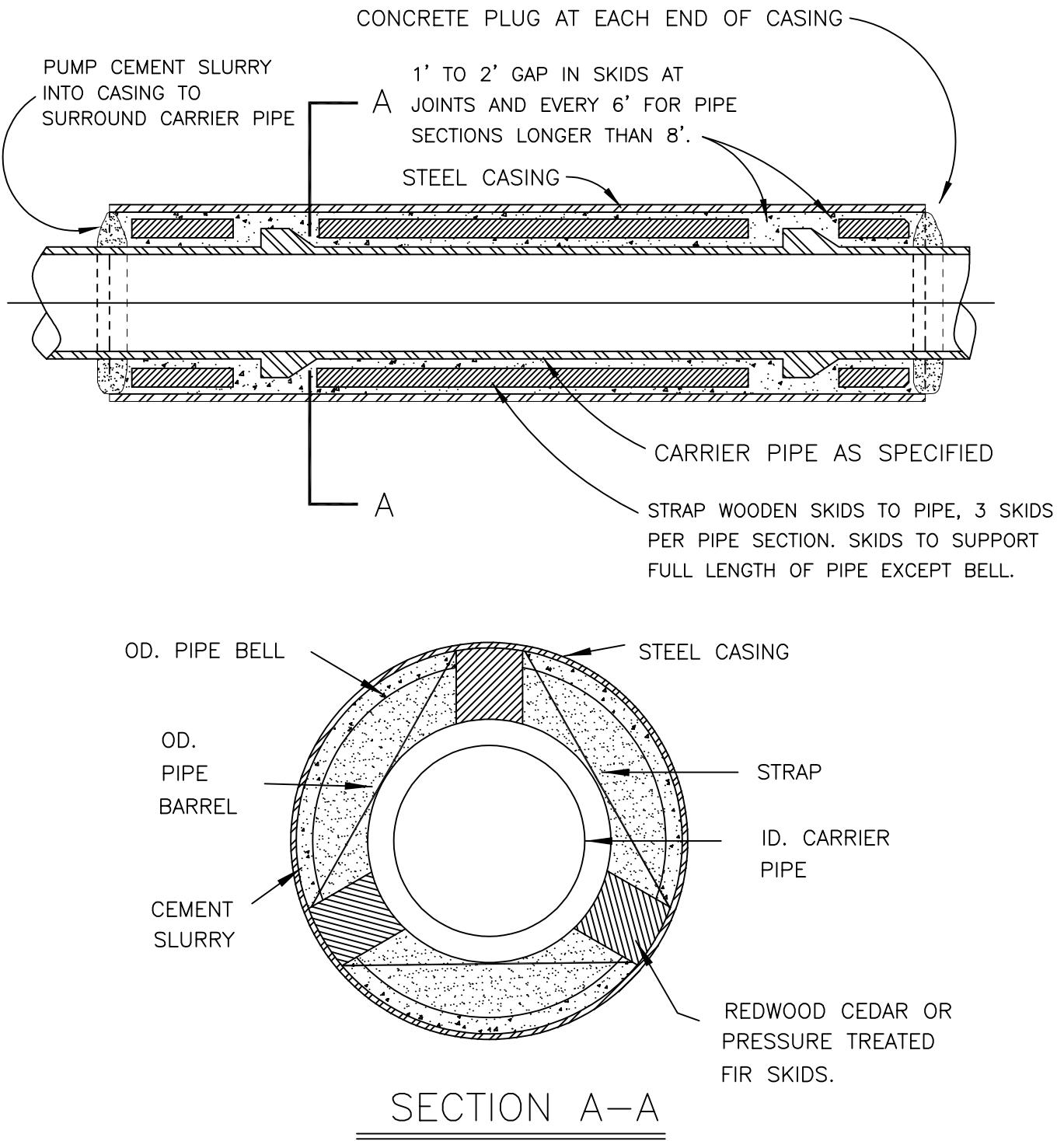
DETAIL FOR
CONCRETE
VALLEY GUTTER

DRAWN BY
JG

DATE:
JANUARY 2026

DRAWING NO.

20



NOTE:
PLUG ENDS OF CASING WITH CONCRETE.

**City of
McMinnville**

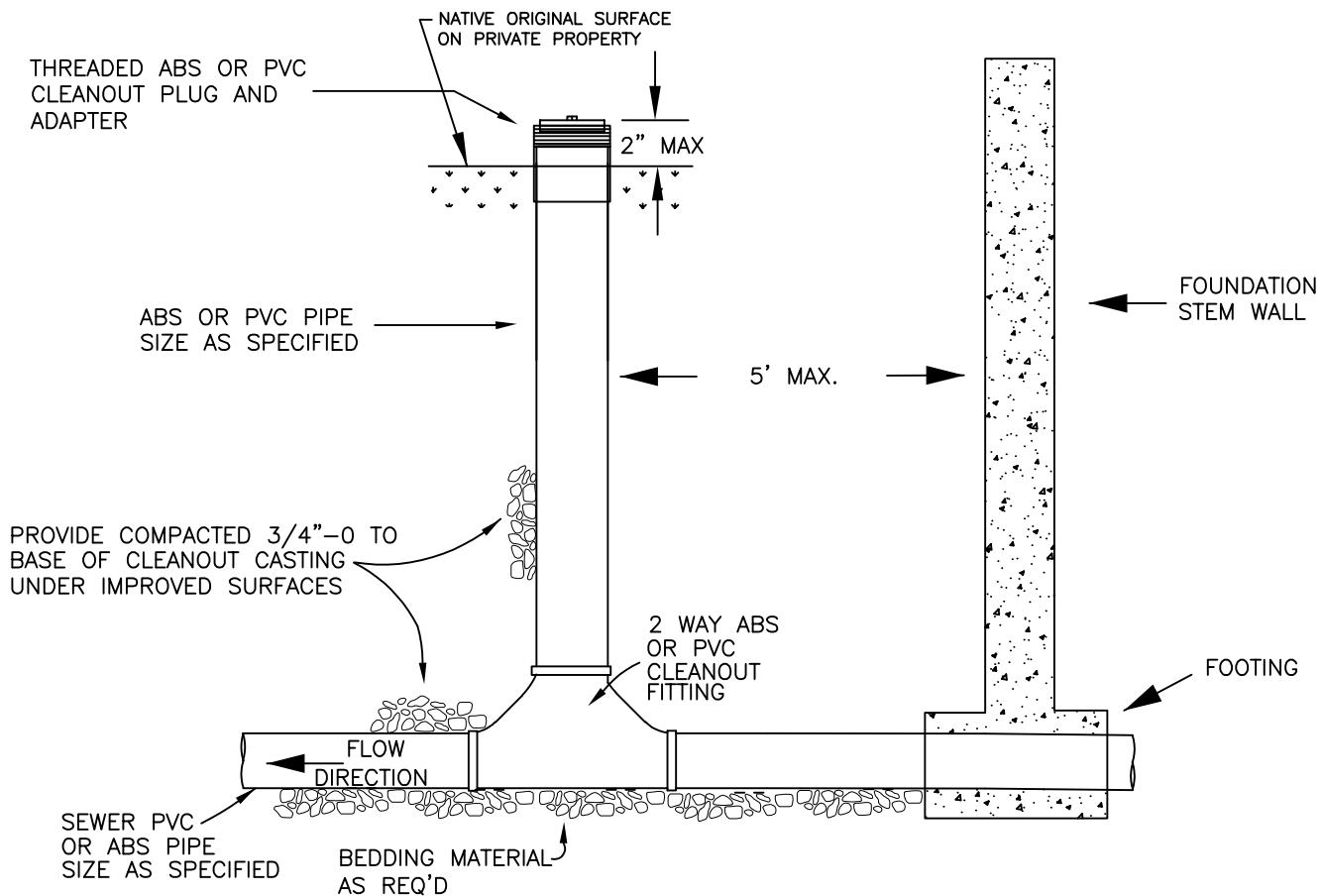
DETAIL FOR
BORE CASING DETAIL

DATE:
MAY 2025

DRAWING NO.

21

INSTALL 14 GAUGE GREEN INSULATED TRACER WIRE FROM CITY CONNECTION ALONG PIPE AND UP TO CLEANOUT CAP.



**City of
McMinnville**

DETAIL FOR
BUILDING CLEANOUT

DATE:
MAY 2025

DRAWING NO.

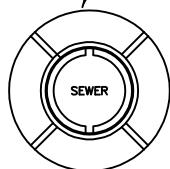
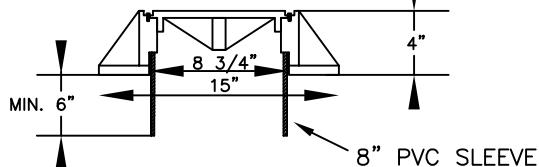
22

OLYMPIC FOUNDRY, INC.
OR EQUAL CASTING
LOCKING CLEANOUT
FRAME & COVER

CLEANOUT
(PIPE SIZE)

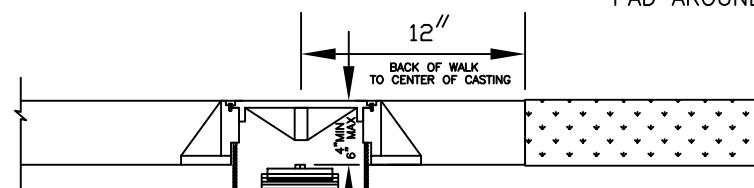
4"
6"

M1007 D/T
M1007 D/T



APPROVED CAST IRON FRAME
AND COVER SHALL BE LABELED
"SEWER" OR "CLEANOUT"

IF NO SIDEWALK IS PRESENT
INSTALL CLEANOUT AT CITY DIRECTION
AND POUR 18" X 18" CONCRETE
PAD AROUND CASTING



THREADED ABS OR PVC
CLEANOUT PLUG AND ADAPTER

ABS OR PVC PIPE
SIZE AS SPECIFIED

PROVIDE COMPACTED 3/4"-0 TO
BASE OF CLEANOUT CASTING
UNDER IMPROVED SURFACES

RIGHT-OF-WAY

PRIVATE PROPERTY

2' MIN.

BUILDING SERVICE
CONNECTION PIPE

2 WAY ABS
OR PVC
CLEANOUT
FITTING

SEWER PVC
OR ABS PIPE
SIZE AS SPECIFIED

BEDDING MATERIAL
AS REQ'D

EXTEND PIPE TO MINIMUM
2' BEHIND SIDEWALK
OR TO PROPERTY LINE
AS DIRECTED

ABS OR PVC CAP TO BE
WATERTIGHT. WILL BE CUT
OFF FOR FUTURE BUILDING
CONNECTIONS. INSTALL
2" X 4" EXTENDING 2'
ABOVE SURFACE AT END OF
STUB, PAINTED GREEN.

**City of
McMinnville**

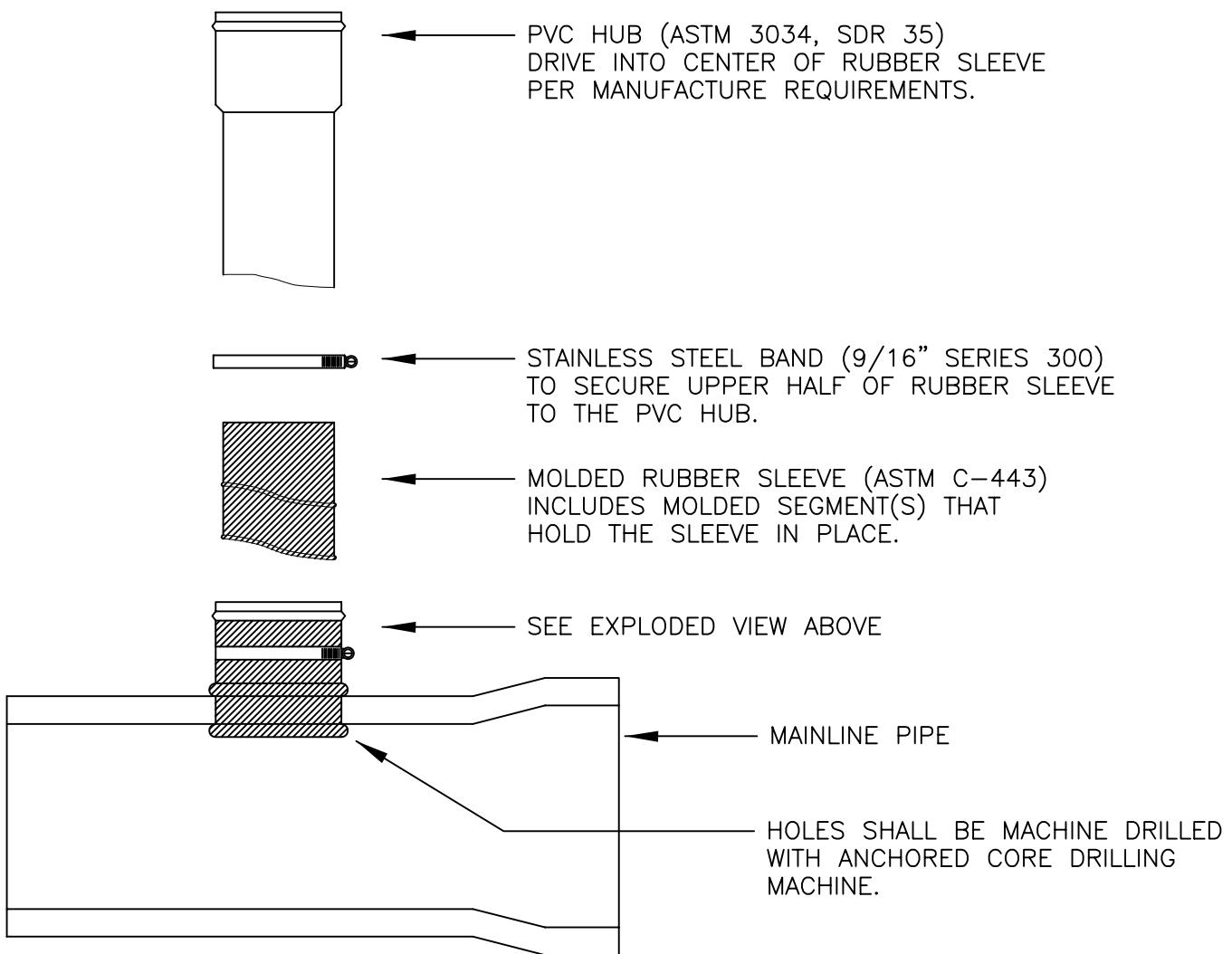
DETAIL FOR
PROPERTY LINE CLEANOUT

DATE:

MAY 2025

DRAWING NO.

22a



NOTES:

1. INSERTA-TEES ALLOWED ON EXISTING APPROVED SEWER MAINS 12" IN DIA. OR LARGER. SERVICE SADDLES SHALL BE USED ON EXISTING 10" OR SMALLER PIPES (DETAIL 25). MANUFACTURED TEE FITTINGS SHALL BE USED ON ALL NEWLY CONSTRUCTED MAINLINES.
2. THE TAP SHALL NOT BE MADE EXCEPT IN THE PRESENCE OF A CITY INSPECTOR; NOR SHALL ANY CONNECTION BE MADE WITHOUT CITY APPROVAL.
3. CENTERLINE OF TAP SHALL BE ABOVE SPRINGLINE.

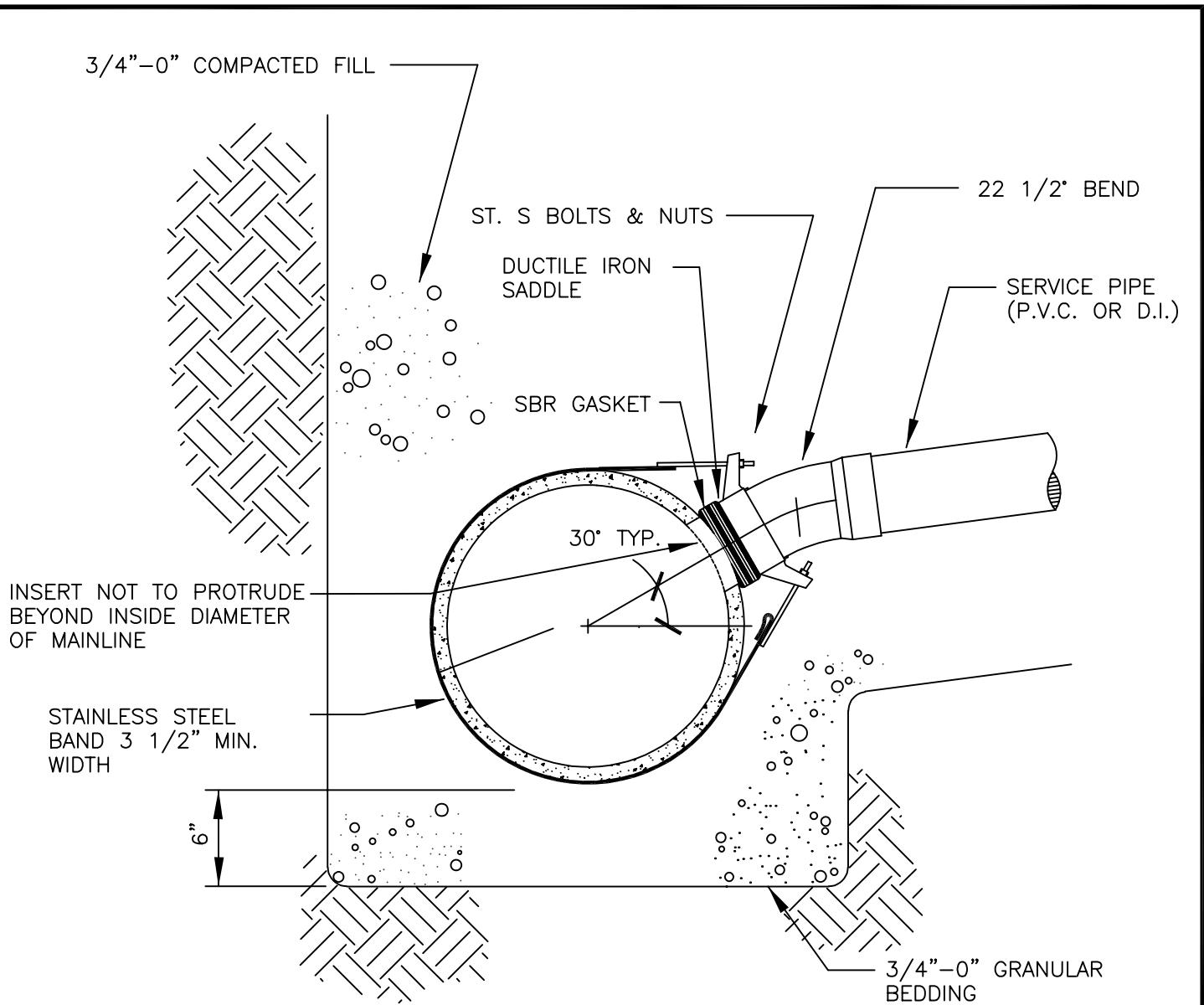
**City of
McMinnville**

DETAIL FOR
INSERTA-TEE CONNECTION
TO EXISTING SEWER

DATE:
MAY 2025

DRAWING NO.

24



1. SERVICE SADDLES ALLOWED ON EXISTING SEWER MAINS ONLY. MANUFACTURED TEE FITTINGS SHALL BE USED ON ALL NEW MAINLINES.
2. THE TAP SHALL NOT BE MADE EXCEPT IN THE PRESENCE OF A CITY INSPECTOR; NOR SHALL ANY CONNECTION BE MADE WITHOUT CITY APPROVAL.
3. CENTERLINE OF TAP SHALL BE ABOVE SPRINGLINE.
4. HOLE IN MAIN SHALL BE CORE DRILLED
5. USE ROMAC CB SEWER SADDLE.

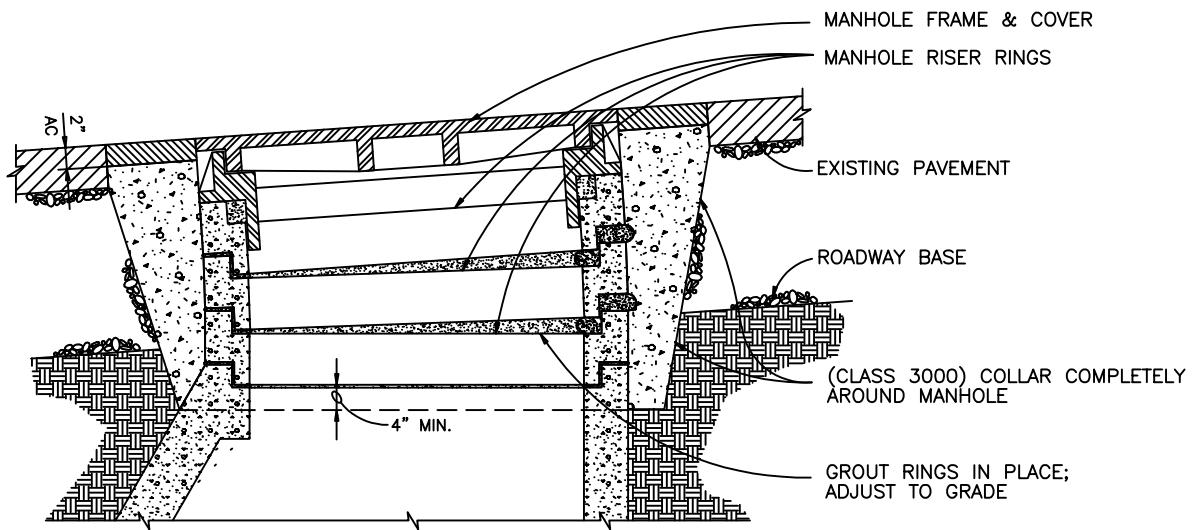
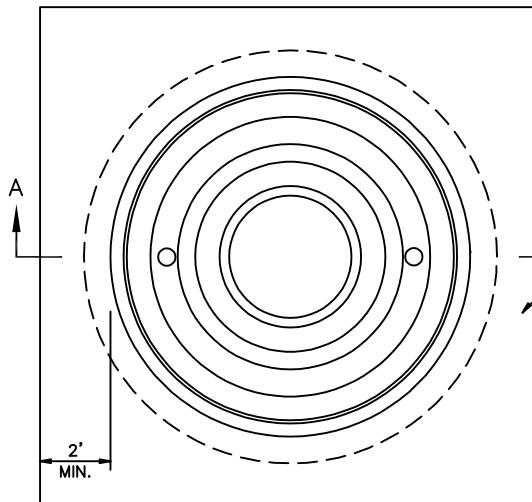
**City of
McMinnville**

DETAIL FOR
SERVICE SADDLE CONNECTION
TO EXISTING SEWER

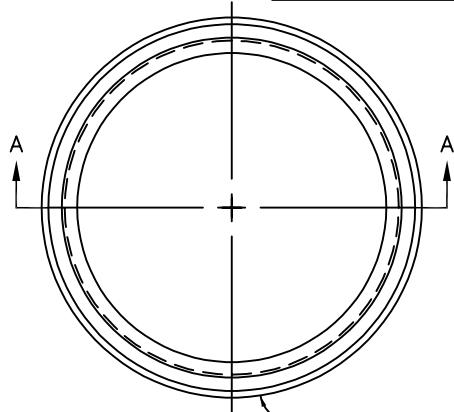
DATE:
MAY 2025

DRAWING NO.

25

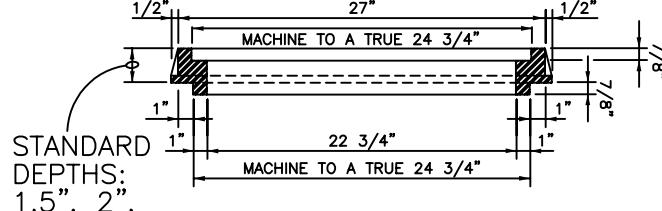


TYPICAL MANHOLE GRADE ADJUSTMENT IN STREET



NOTES:

1. CAST IRON ADJUSTMENT RINGS ALLOWED ONLY WITH OVERLAYS AND NOT ON NEW MANHOLES. MAX. 1 ADJUSTMENT RING PER MANHOLE.



MANHOLE ADJUSTMENT RINGS FOR RESURFACING

**City of
McMinnville**

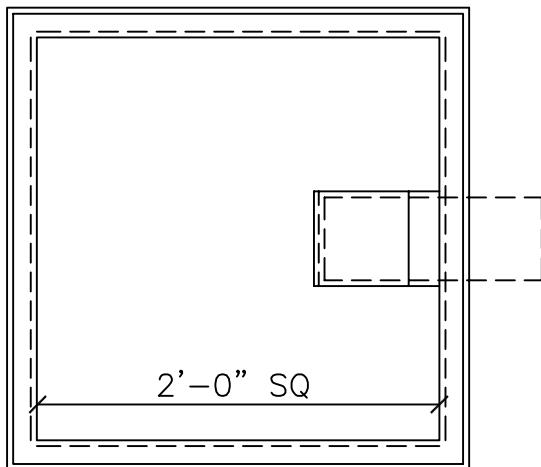
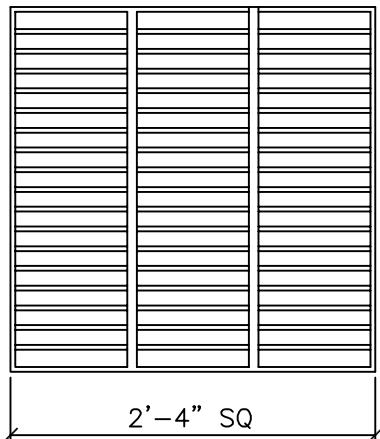
DETAIL FOR
MANHOLE RIM
ADJUSTMENT

DATE:

MAY 2025

DRAWING NO.

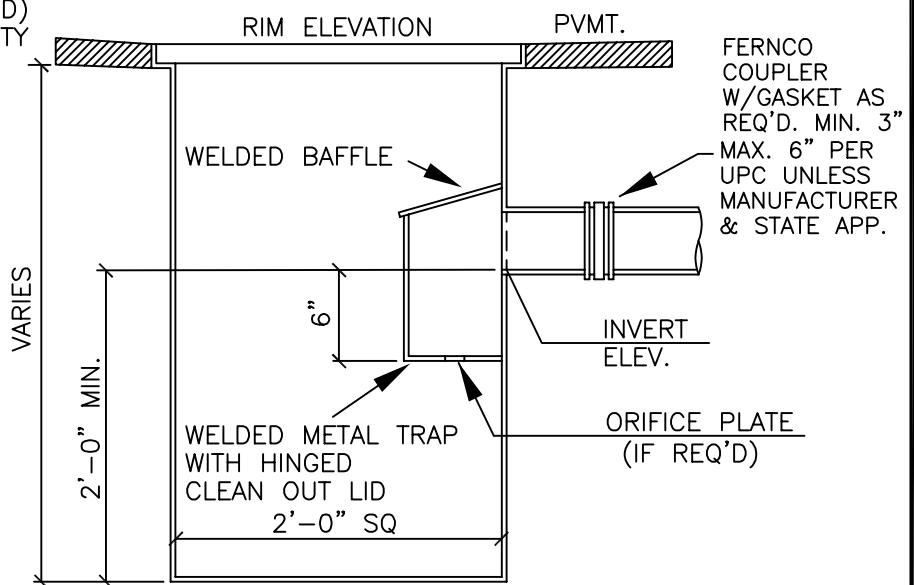
26



GRATE: WELDED STEEL DROP-IN
BAR GRATE (ASTM A36)
END BARS: 1/2" x 2"
CROSS BARS: 1/2" x 2" @ 2" O.C.
BIKE STRAPS: 1/8" x 1" (2 REQ'D)
16,000 LB UNIFORM LOAD CAPACITY

GRATE DETAIL

PLAN VIEW



NOTES:

- 1) SEE CONSTRUCTION DWGS FOR PIPE SIZE, LOCATION AND INVERT ELEVATION.
- 2) FOR JUNCTION BOX, REPLACE GRATE WITH 3/4" STEEL PLATE. DRILL ONE, 1" LIFTING HOLE, CENTERED IN ONE END OF THE PLATE. WELD SHIMS TO RIM AS REQUIRED TO RAISE PLATE TO RIM ELEVATION.
- 3) OUTLET: SIZE AS REQ'D FOR INDICATED PIPE SIZE.

CONSTRUCT BASIN OF WELDED
1/4" STEEL. COAT ALL SURFACES
WITH ASPHALTIC PAINT

**City of
McMinnville**

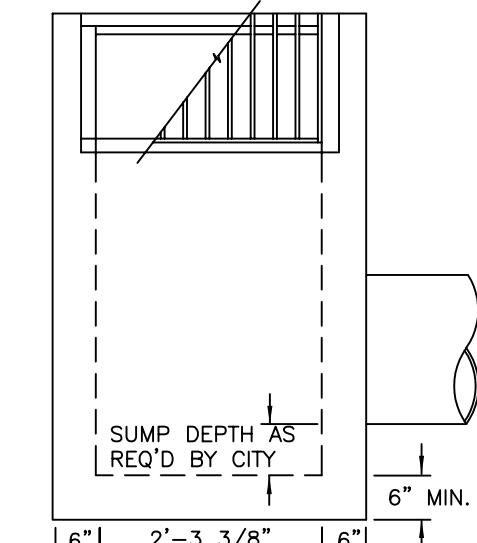
DETAIL FOR
PARKING LOT CATCH BASIN
(LYNCH STYLE)

DATE:

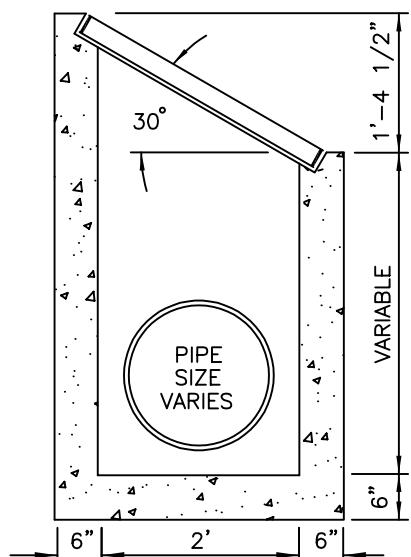
MAY 2025

DRAWING NO.

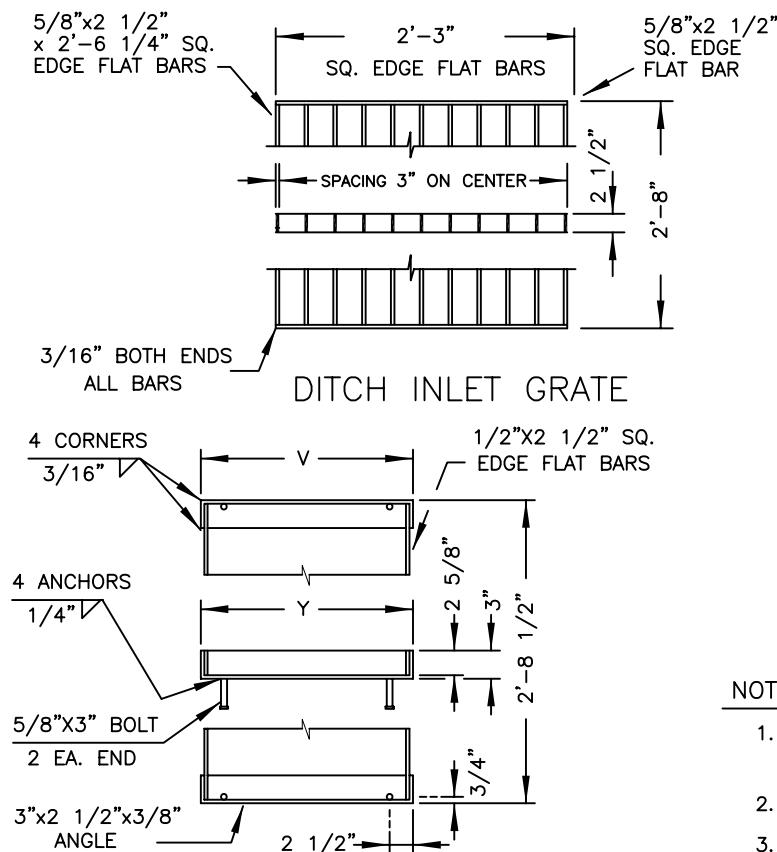
27



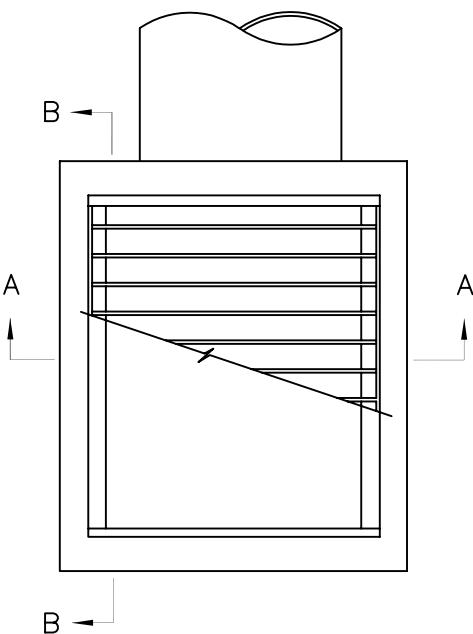
SECTION B-B



SECTION A-A



DITCH INLET FRAME



PLAN

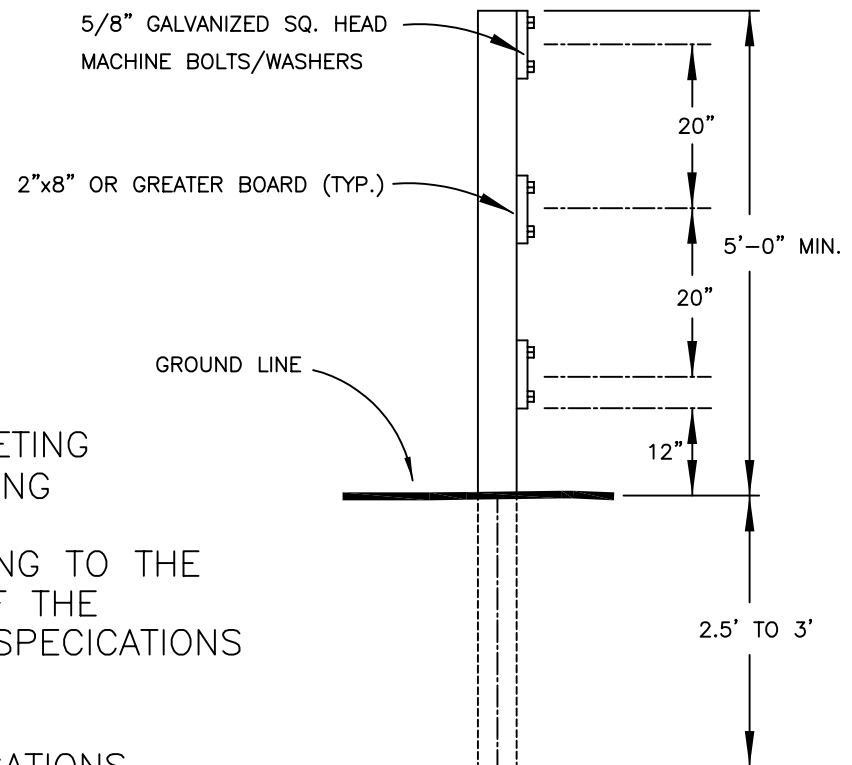
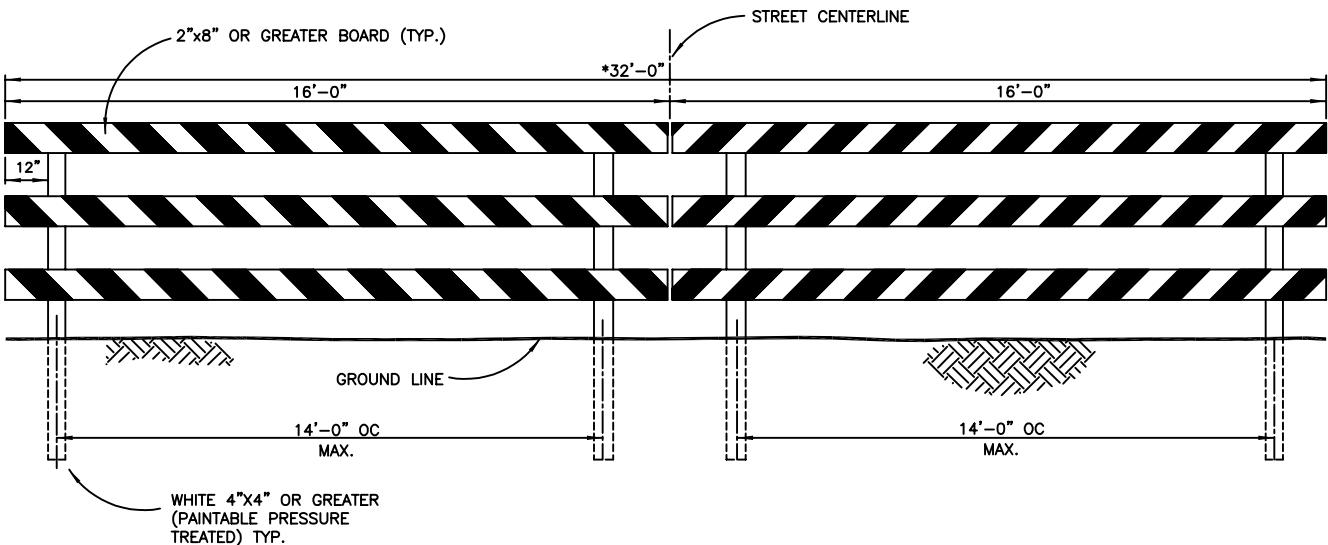
NOTES:

1. CONCRETE SHALL HAVE A 28 DAY ULTIMATE COMPRESSIVE STRENGTH OF 3300 PSI.
2. CATCH BASIN, FRAME, & GRATE SHALL MEET H2O LOADING
3. INSIDE FRAME DIMENSIONS: 2'-3 3/8", 2'-8 1/2".
4. 3/8" CROSS BARS SHALL BE FLUSH WITH THE GRATE SURFACE AND MAY BE FILLET WELDED, RESISTANCE WELDED OR ELECTROFORGED TO BEARING BARS.

DETAIL FOR
DITCH INLET

DATE: MAY 2025	DRAWING NO. 28
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**City of
McMinnville**



NOTES:

1. REFLECTORIZED SHEETING SHALL BE ENGINEERING GRADE REFLECTIVE SHEETING CONFORMING TO THE CURRENT EDITION OF THE OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION.
2. * FOR WIDER APPLICATIONS, MULTIPLE SECTIONS AS SHOWN SHALL BE USED.

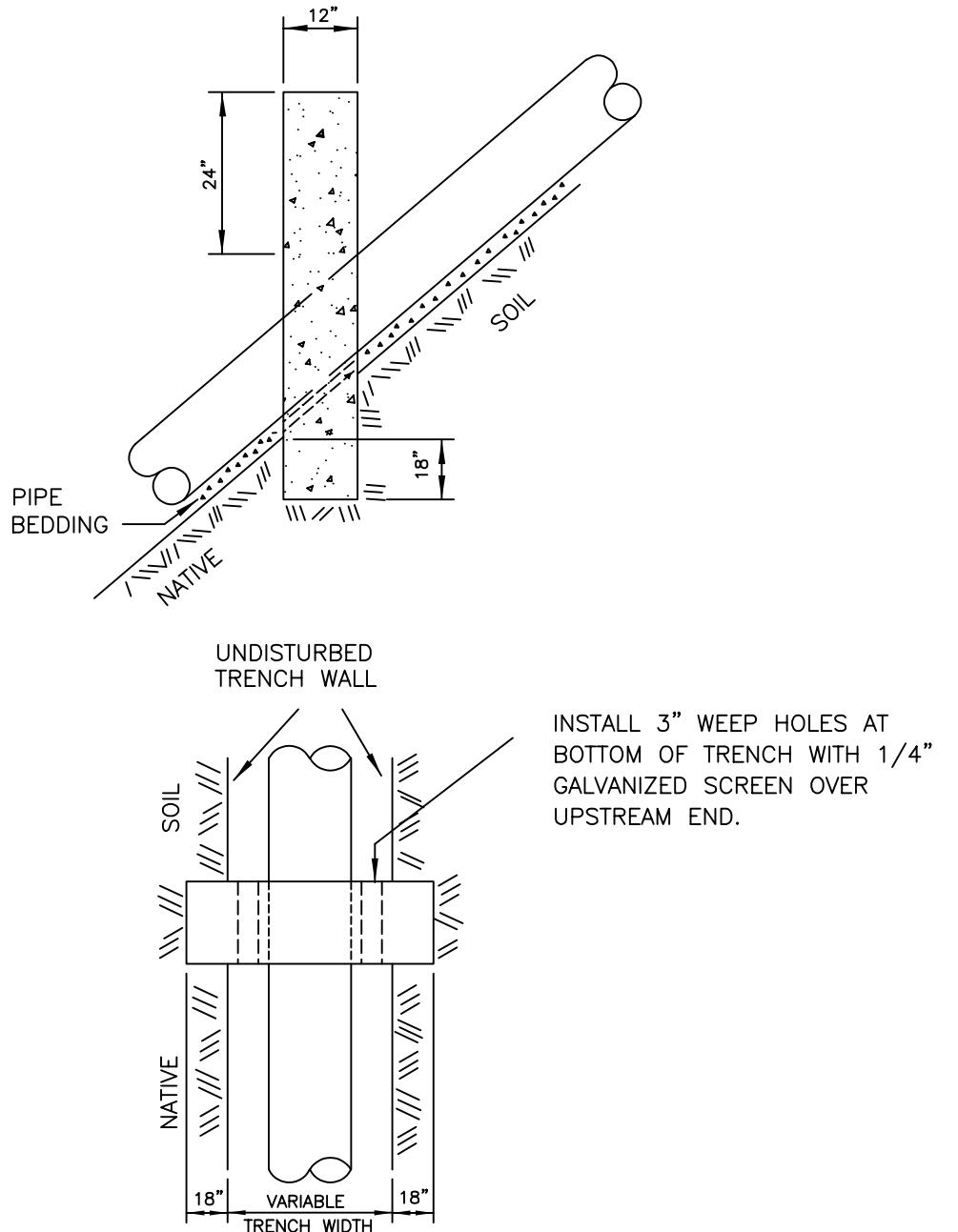
**City of
McMinnville**

DETAIL FOR
BARRICADE

DATE:
MAY 2025

DRAWING NO.

29



NOTES:

1. CONCRETE ANCHOR WALLS (CLASS 3000) SHALL BE CONSTRUCTED USING FORMS WHEN SEWERS, STORM DRAINS, AND OTHER PIPELINES ARE CONSTRUCTED WITH SLOPES 20% OR GREATER. REMOVE FORMS PRIOR TO BACKFILLING TRENCH.

2. SPACING OF ANCHOR WALLS SHALL BE:	SLOPE	SPACING
	20-34%	35 FEET
	35-50%	25 FEET
	50+ %	15 FEET OR CONCRETE ENCASEMENT

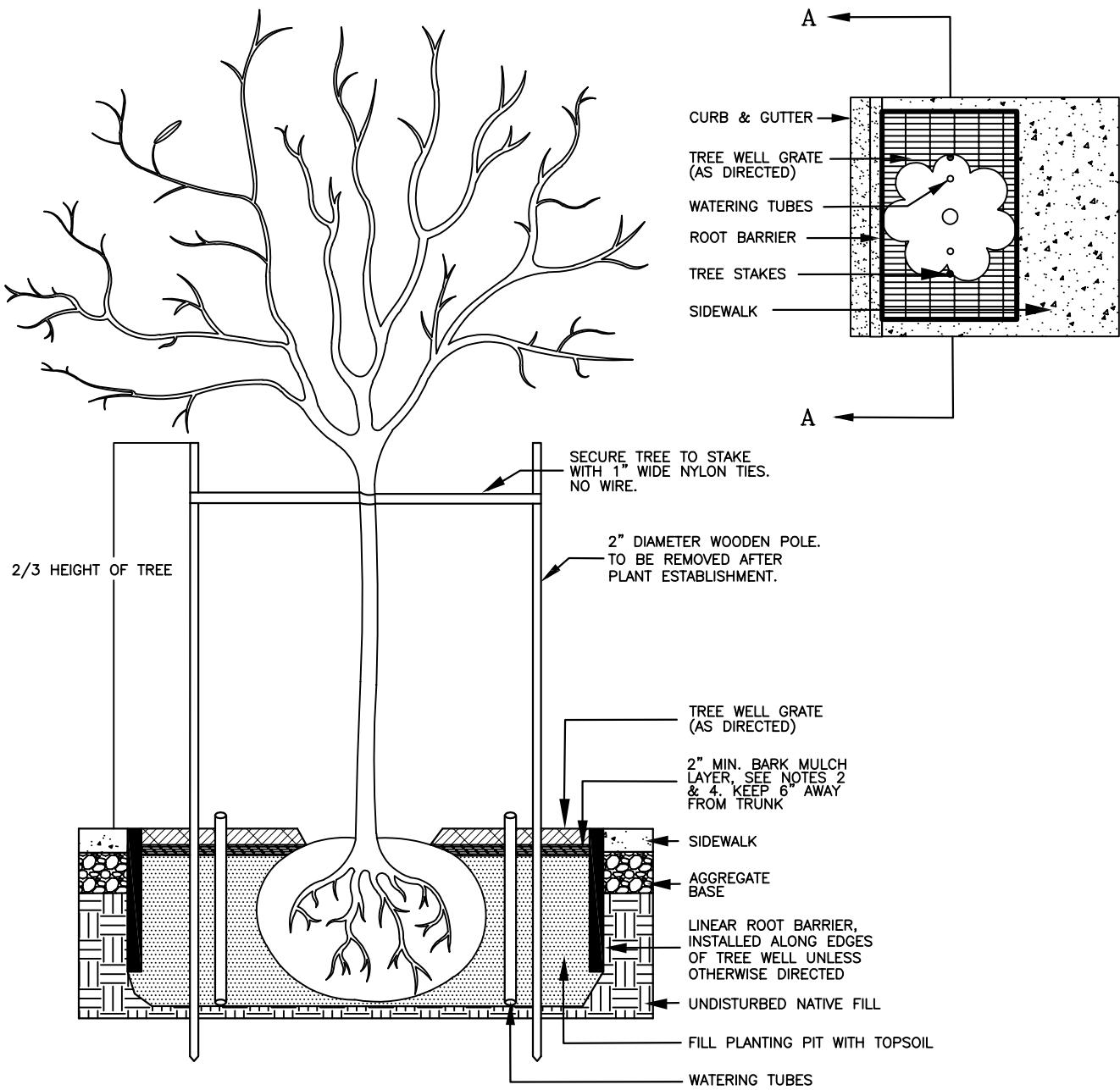
**City of
McMinnville**

PIPE ANCHOR DETAIL

DATE:
MAY 2025

DRAWING NO.

30



NOTES:

1. TYPICAL TREE WELL SIZE IS 8' LONG BY 4' WIDE, OR AS DIRECTED BY CITY.
2. DIG PLANTING PIT TO FIT PLANTER. DIG NO DEEPER THAN THE DEPTH OF THE ROOTBALL.
3. SET ROOTBALL ON FIRM SURFACE. PLACE ROOT FLARE SLIGHTLY BELOW SIDEWALK GRADE TO ALLOW FOR TOP OF MULCH AT SIDEWALK
4. BACKFILL WITH TOPSOIL.
5. MULCH WITH BARK TO A MIN. DEPTH OF 2". KEEP MULCH 6" AWAY FROM TRUNK. IF GRATE IS REQUIRED, TOP OF MULCH IS TO BE 3" LOWER THAN SURFACE OF SIDEWALK.
6. ON BALLED AND BURLAP TREES, CUT & PEEL AWAY WIRE FRAME FROM ROOTBALL, LEAVE BURLAP AND FRAME IN PLANTING HOLE.
7. A ROOT CONTROL SYSTEM, BIOBARRIER, DEEPROOT, OR APPROVED EQUAL, SHALL BE INSTALLED ON ALL SIDES ADJACENT TO HARDCAPE. IT SHALL BE INSTALLED VERTICALLY A MINIMUM OF 18" IN DEPTH FROM FINISH GRADE AND PER MANUFACTURER'S RECOMMENDATIONS.
8. INSTALL TWO (2) 4" X 36" PERFORATED PLASTIC DEEP WATERING TUBES ON EITHER SIDE OF TREE.

**City of
McMinnville**

MCMINNVILLE PUBLIC WORKS
STREET TREE PLANTING DETAIL—
TREE WELLS

NOT TO SCALE

DRAWN BY:

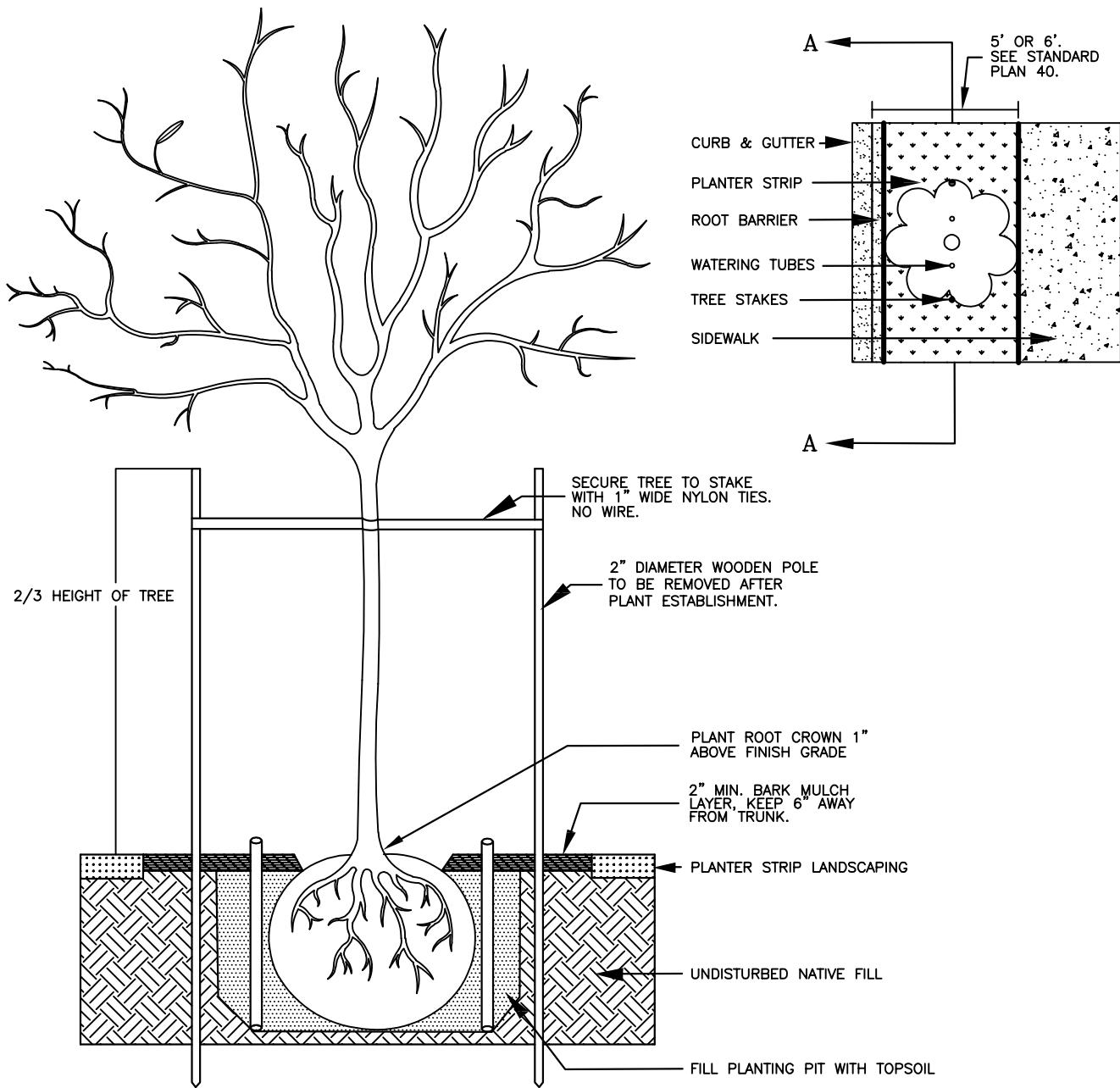
DATE:

DRAWING NO.

MB

AUGUST 2025

34A



NOTES:

1. PLANTING PIT 2X ROOTBALL WIDTH AND NO DEEPER THAN ROOTBALL.
2. BACKFILL WITH TOP SOIL.
3. A ROOT CONTROL SYSTEM, BIOBARRIER, DEEPROOT, OR APPROVED EQUAL, SHALL BE INSTALLED ALONG THE BACK EDGE OF THE CURB AND FRONT EDGE OF THE SIDEWALK. THE BARRIER SHALL BE 10' LONG, CENTERED ON THE TREE, BY 18" IN DEPTH FROM FINISH GRADE AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
4. ON BALLED AND BURLAP TREES, CUT & PEEL AWAY WIRE FRAME FROM ROOTBALL, LEAVE BURLAP AND FRAME IN PLANTING HOLE.
5. INSTALL TWO (2) 4" X 36" PERFORATED PLASTIC DEEP WATERING TUBES ON EITHER SIDE OF TREE.

**City of
McMinnville**

MCMINNVILLE PUBLIC WORKS
STREET TREE PLANTING DETAIL –
PLANTER STRIP

NOT TO SCALE

DRAWN BY:

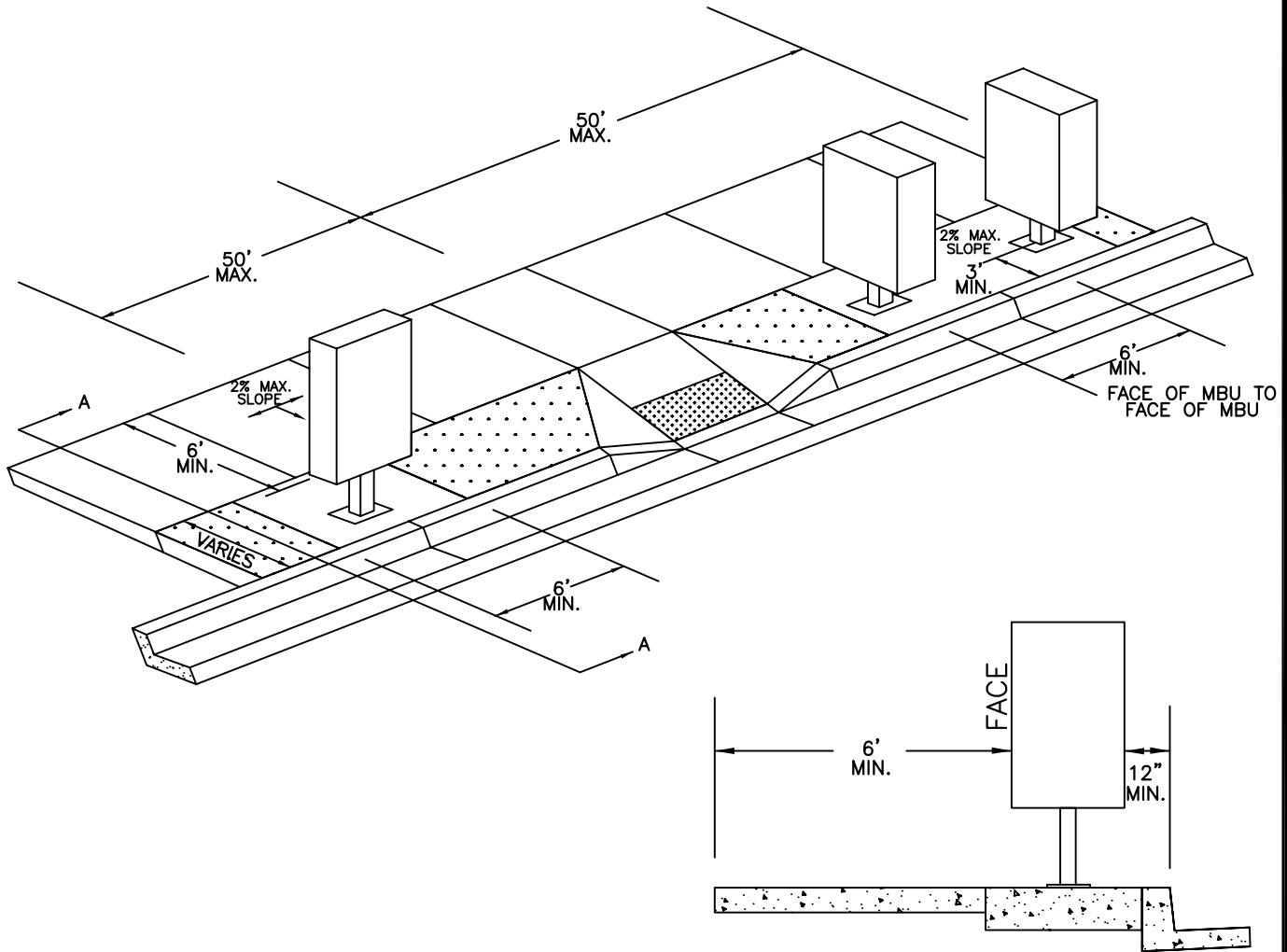
MB

DATE:

AUGUST 2025

DRAWING NO.

34B



SECTION A-A

NOTES:

- 1) CONTACT THE US POSTAL SERVICE FOR LOCATION OF MAILBOX UNITS. LOCATION SUBJECT TO APPROVAL BY THE CITY.
- 2) PROVIDE AN UNOBSTRUCTED ACCESS PAD MEASURING NOT LESS THAN 6' WIDE BY 6' LONG CENTERED ON THE MAILBOX UNIT. ADJACENT SIDEWALKS MAY BE USED IN MEASURING THE AREA OF THE ACCESS PAD.
- 3) WHEN LOCATED WITHIN A PLANTER STRIP, CONCRETE PAD SHALL EXTEND FROM THE BACK OF CURB TO EDGE OF SIDEWALK.
- 4) ALL ACCESS PAD SLOPES SHALL BE DESIGNED AT 1.5% MAX., IN ANY DIRECTION CONSTRUCTION NOT TO EXCEED 2% IN ANY DIRECTION.
- 5) MAILBOX UNITS SHALL BE CONNECTED BY A CONTINUOUS ACCESSIBLE WAY TO A CURB RAMP LOCATED NO GREATER THAN 50' AWAY AS MEASURED FROM THE CENTER OF THE CURB RAMP TO THE CENTER FACE OF THE FURTHEST UNIT.
- 6) CONCRETE SHALL HAVE A 28 DAY ULTIMATE COMPRESSIVE STRENGTH OF 3300 PSI.
- 7) ALL WORK SHALL COMPLY WITH CURRENT PROWAG GUIDELINES AND THE CURRENT EDITION OF OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION.

**City of
McMinnville**

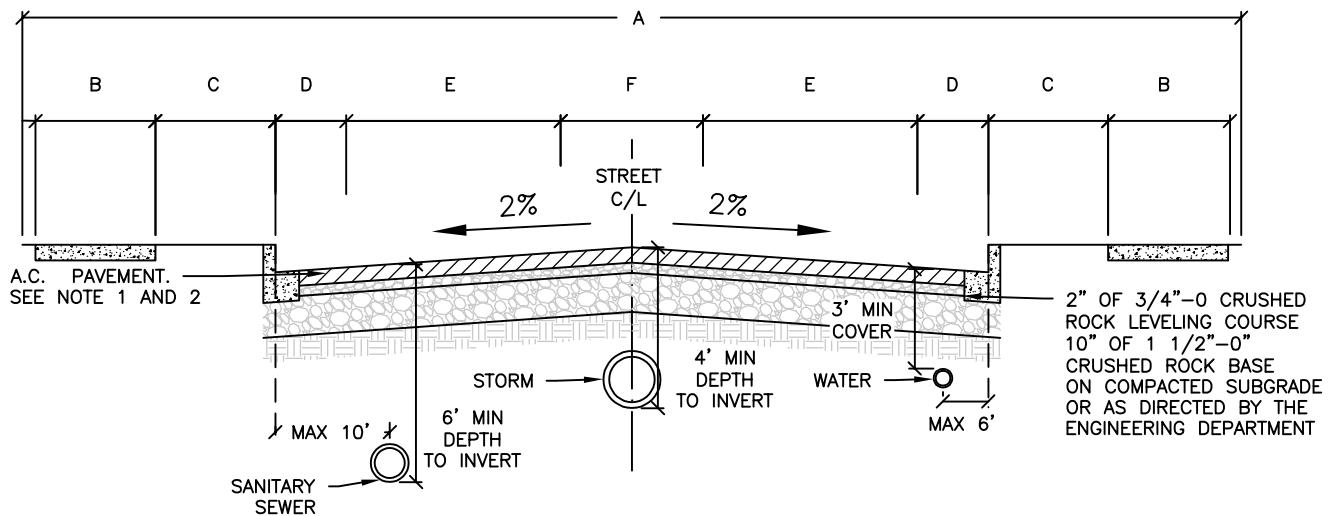
DETAIL FOR
CLUSTERED MAILBOX UNITS

DATE:

MAY 2025

DRAWING NO.

35



	A	B	C	D	E	F
	ROW	SIDEWALK	LANDSCAPE STRIP	BIKE LANE	TRAVEL LANE	MEDIAN LANE
MAJOR ARTERIAL	104'	8'	N/A	6'	12' (UP TO 4)	14'
MINOR ARTERIAL	76'	5' RES 10-12' COM	6' RES TREE WELLS COM	6'	11' (UP TO 2)	12'
MAJOR COLLECTOR	74'	5' RES 10-12' COM	6' RES TREE WELLS COM	5'	11' (UP TO 2)	12'
MINOR COLLECTOR	56-6 6'	5' RES 10-12' COM	6' RES TREE WELLS COM	5' OR SHARED LANE	10' (UP TO 2)	10'
LOCAL	50'	5'	5'	SHARED LANE	SINGLE LANE	N/A

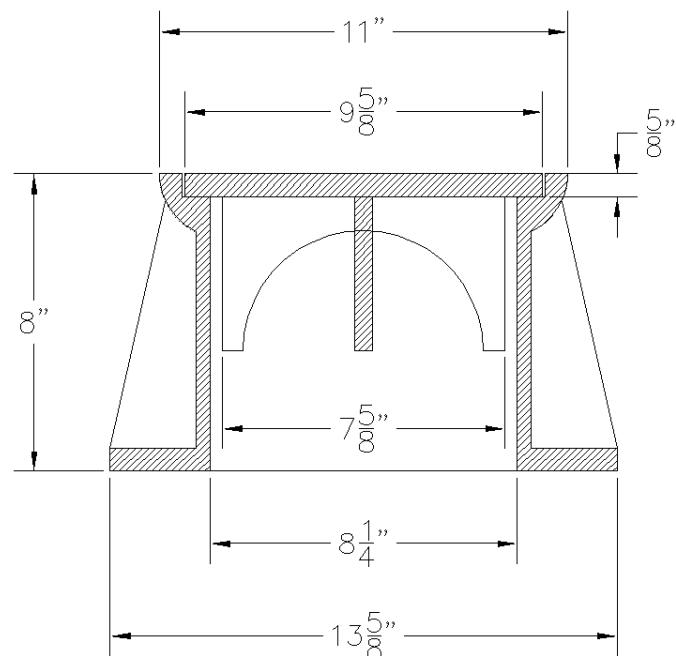
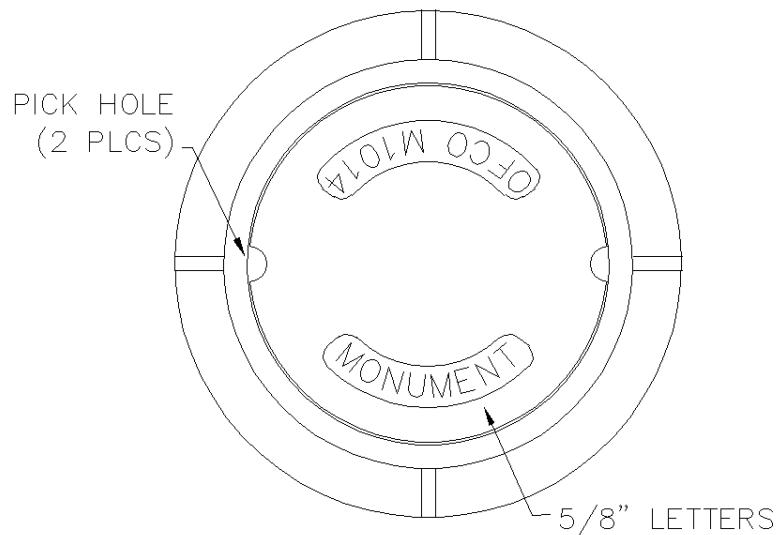
NOTES:

1. MINIMUM ASPHALT LIFT OF 1.5", MAXIMUM ASPHALT LIFT OF 3"
2. 5" MINIMUM ASPHALT THICKNESS FOR COLLECTOR AND ARTERIAL STREETS, 3" MINIMUM FOR LOCAL STREETS
3. MAXIMUM STREET GRADE DEPENDANT ON STREET TYPE, SEE McMINTNVILLE MUNICIPAL CODE 17.53.101(L)(1)
4. CURB AND GUTTER BUILT TO McMINTNVILLE STANDARD DETAIL NO. 6
5. MAJOR ARTERIAL STREETS MAY HAVE 2 OR 4 TRAVEL LANES
6. REFERENCE ADOPTED TRANSPORTATION SYSTEMS PLAN FOR OTHER REQUIREMENTS AND DETAILS
7. ALTERNATE UTILITY LOCATIONS CAN BE CONSIDERED AND APPROVED BY ENGINEERING. LOCATION OF MANHOLES SHOULD BE OUT OF THE TIRE PATH AND AVOID CONFLICTS WITH SURVEY MONUMENTS OR OTHER IMPROVEMENTS

**City of
McMinnville**

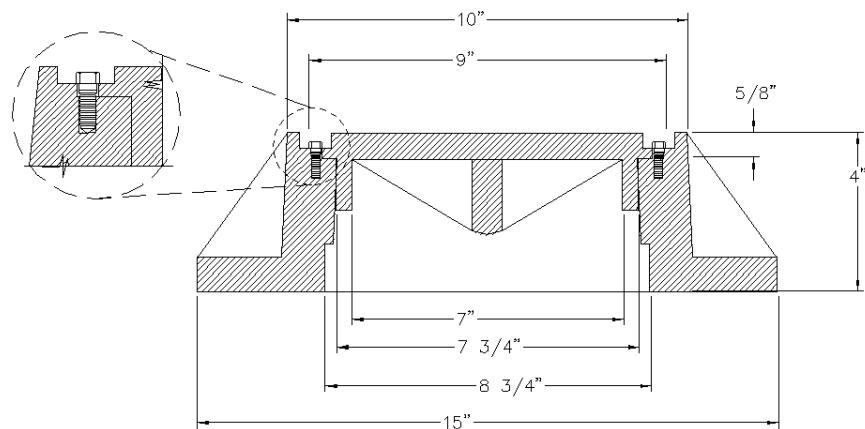
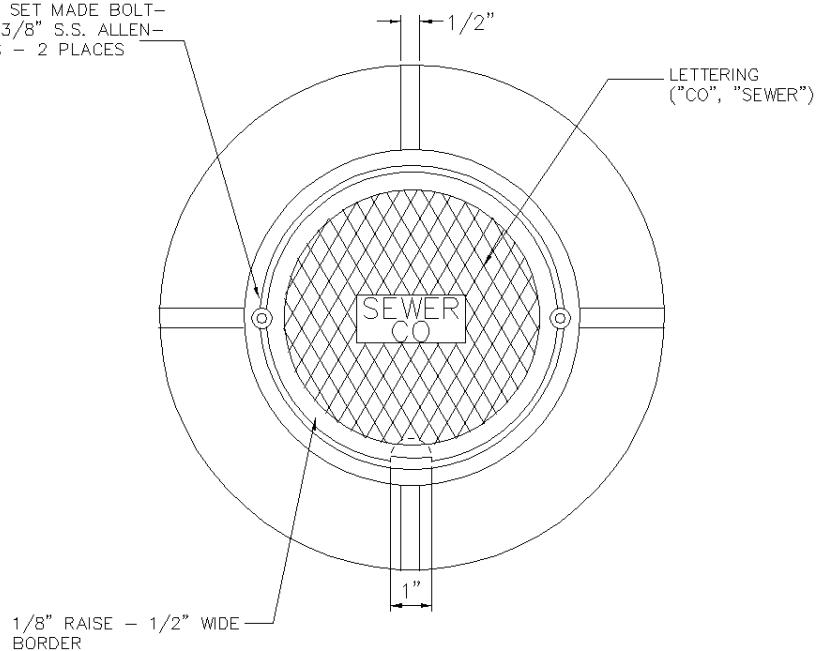
**DETAIL FOR
TYPICAL STREET
SECTION**

DRAWN BY: L.A.	DATE: FEBRUARY 2025	DRAWING NO. 40
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NOTES:		OLYMPIC FOUNDRY INC.		
		8" X 8" WASHINGTON COUNTY RING & COVER		
MATL: Cast Iron ASTM A48, CL30		RATING: H-20		PART NO. M1014
APPROX WT: Ring 52 Lbs, Cover 14 Lbs		REV: A DATE: 10/7/2003 Created drawing		REV A
DOCUMENT APPROVED BY: DATE:	DWN: CL DATE: 10/7/2003 CHKD: CL DATE: 10/7/2003	TOLERANCE XX \pm .1 XXX \pm .06 XXXX \pm .030 < \pm 2 DEG	REV: DATE: DWG #: M1014	SCALE: N/A SHEET: 1 OF 1

DRILL & TAP (SPLITTING THE SEAM) SET MADE BOLT-DOWN WITH 3/8" S.S. ALLEN-HEAD BOLTS - 2 PLACES



NOTES:

OLYMPIC FOUNDRY INC.

8" X 4" LOCKING CLEAN-OUT RING & COVER

MATL: Cast Iron ASTM A48, CL30

RATING: H-20

PART NO. M1007 D/T

APPROX WT: Ring - 42 Lbs, Cover 14 - Lbs

REV: A DATE: 7/9/2003 New border

REV
A

DOCUMENT APPROVED
BY: DATE:

DWN: CL DATE: 7/9/2003
CHKD: CL DATE: 7/9/2003

TOLERANCE
XX +.1
XXX +.06
XXXX +.030
< +2 DEG

REV: DATE:

DWG #: M1007 DT

SCALE: N/A

SHEET: 1 OF 1