5TH STREET IMPROVEMENTS
BETWEEN DUNHAM AND BROADWAY
VENETA, OREGON

SHEET INDEX

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BENCHMARK

HUNTER IMPROVEMENT PROJECT BENCHMARK #60: FOUND 2 1/2" BRASS DISC @ SW CORNER HUNTER AVE & S 3RD STREET.
ELEVATION = 428.29 FEET (NAVD88)

NOTES

1. THIS DOES NOT CONSTITUTE A BOUNDARY SURVEY AND IS SUBJECT TO ANY INACCURACIES A SUBSEQUENT SURVEY MAY DISCLOSE.
2. LOCATIONS OF UNDERGROUND UTILITIES SHOWN ARE BASED ON A COMBINATION OF VISIBLE FACILITIES LOCATED ABOVE GROUND AND UTILITY LOCATE MARKS. NO CERTIFICATION IS MADE TO ACTUAL LOCATION OF UNDERGROUND UTILITIES.
3. TAX LOTS SHOWN ARE APPROXIMATE.

GENERAL CONSTRUCTION NOTES

A. ALL MATERIALS AND WORKMANSHIP OF ITEMS TO BE MAINTAINED BY THE CITY OF VENETA WITHIN PUBLIC EASEMENTS OR STREET RIGHT-OF-WAYS SHALL MEET CITY OF VENETA PUBLIC WORKS SPECIFICATIONS "2008 OREGON STANDARD SPECIFICATIONS AND DRAWINGS". ALL MATERIALS AND WORKMANSHIP OF IMPROVEMENTS THAT WILL BE PRIVATELY OWNED AND MAINTAINED WILL BE BOUND BY THE CURRENT REQUIREMENTS OF THE STATE OF OREGON AMENDMENTS TO THE UNIFORM PLUMBING CODE CURRENT EDITION, OR CITY OF VENETA BUILDING DIVISION REQUIREMENTS.

B. THE LOCATION OF WATER LINES AND UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL CALL THE "ONE-CALL" UTILITY LOCATION NUMBER, 1-800-332-2344, FOR FIELD LOCATION AND DEPTH BEFORE EXCAVATING.

C. OREGON LAW REQUIRES THE CONTRACTOR TO FOLLOW RULES ADOPTED BY OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. THE CONTRACTOR MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. (NOTE: THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS (503) 232-1987).

D. CONTRACTOR SHALL FIELD VERIFY UNDERGROUND FACILITIES DURING THE CONSTRUCTION PERIOD. CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE CORRECTION OF ANY UNDERGROUND UTILITY FACILITIES DAMAGED BY CONTRACTOR'S WORK.

E. THE CONTRACTOR SHALL PROVIDE ALL TRAFFIC CONTROL DEVICES NECESSARY TO PROTECT AND SAFEGUARD THE PUBLIC AND WORKERS AGAINST INJURY AND PROTECT THE WORK AGAINST DAMAGE. ALL TEMPORARY TRAFFIC CONTROL SIGNING AND DEVICES SHALL BE IN PLACE PRIOR TO BEGINNING WORK. ALL TRAFFIC CONTROL SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (MUTCD), CURRENT EDITION, AS SUPPLEMENTED AND AMENDED BY THE OREGON SUPPLEMENTS. FLAGGING SHALL BE PERFORMED AS SHOWN IN THE OREGON TEMPORARY TRAFFIC CONTROL- HANDBOOK, MAY, 2006 EDITION, BY THE OREGON DEPARTMENT OF TRANSPORTATION THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REQUIRED TRAFFIC CONTROL AS FIELD CONDITIONS WARRANT. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN AT THE PRE-CONSTRUCTION CONFERENCE FOR CITY REVIEW AND APPROVAL.

F. ALL ELEVATIONS SHOWN ARE ON NAVD88 VERTICAL DATUM, SURVEY PROVIDED BY BRANCH ENGINEERING, INC..

G. THE LIMITS OF CONSTRUCTION SHALL BE STRICTLY ADHERED TO; NO WORK MAY OCCUR IN OR AFFECT WETLANDS.

EROSION CONTROL NOTES

A. PROTECT DOWNSTREAM CATCH BASINS OR ANY OTHER STORM WATER INLET WITH BIO-BAGS PER. DURING CONSTRUCTIONS.

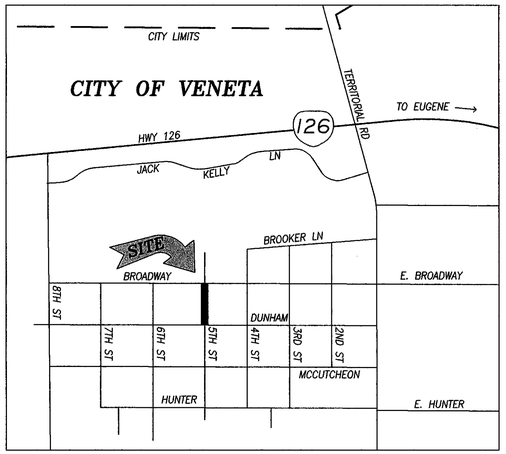
B. ALL WASTE MATERIAL ASSOCIATED WITH THIS PROJECT SHALL BE PICKED UP AND DISPOSED OF ACCORDING TO APPLICABLE STATE, FEDERAL AND LOCAL REGULATIONS.

C. SCHEDULE STREET CLEANING AND END OF PROJECT OR AS DIRECTED BY THE CITY OF VENETA.

RESTORATION NOTES

A. RESTORE OR REPLACE ANY DISTURBED LANDSCAPING OF ADJACENT PROPERTIES TO NEW OR BETTER CONDITIONS.

B. DAMAGE TO PROPERTY BOTH PUBLIC AND PRIVATE DUE TO CONSTRUCTION ACTIVITIES SHALL BE REPAIRED OR REPLACED AT CONTRACTORS EXPENSE.



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REGISTERED PROFESSIONAL ENGINEER #52996 OREGON FEBRUARY 9, 2005 MICHAEL LANE BRANCH

EXPIRES: DECEMBER 31, 2015

project title:

5TH STREET IMPROVEMENTS
CITY OF VENETA
88184 8TH STREET
VENETA, OREGON

revisions:

date:	4-17-15
drawn by:	ZSI
designer:	MLB
project no:	14-006g

COVER

sheet: C0

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LEGEND – EXISTING CONDITIONS

- PROPERTY/RIGHT OF WAY LINE
- ADJOINER LINE
- CENTERLINE STRIPE LINE
- LANE STRIPE LINE
- ASPHALT
- SD — STORM SEWER
- WW — WASTEWATER SEWER
- OHL — ELECTRICAL LINE
- T — TELEPHONE/CABLE LINE
- FENCE
- 410 — CONTOUR LINE
- AREA DRAIN
- CATCH BASIN
- POWER POLE
- MW — WASTEWATER MANHOLE
- SIGN
- WATER VALVE
- WM — WATER METER
- T — TELEPHONE RISER
- CONCRETE
- BRICK PAVER CROSS WALK
- GRAVEL/DIRT
- DECIDUOUS TREE
- + 535.00 — SPOT ELEVATION
- + 535.00 TFC — TOP FACE OF CURB ELEVATION
- BUILDING
- TL — TAX LOT

DEMOLITION LEGEND

- SAWCUT
- ASPHALT REMOVAL
- CONCRETE REMOVAL

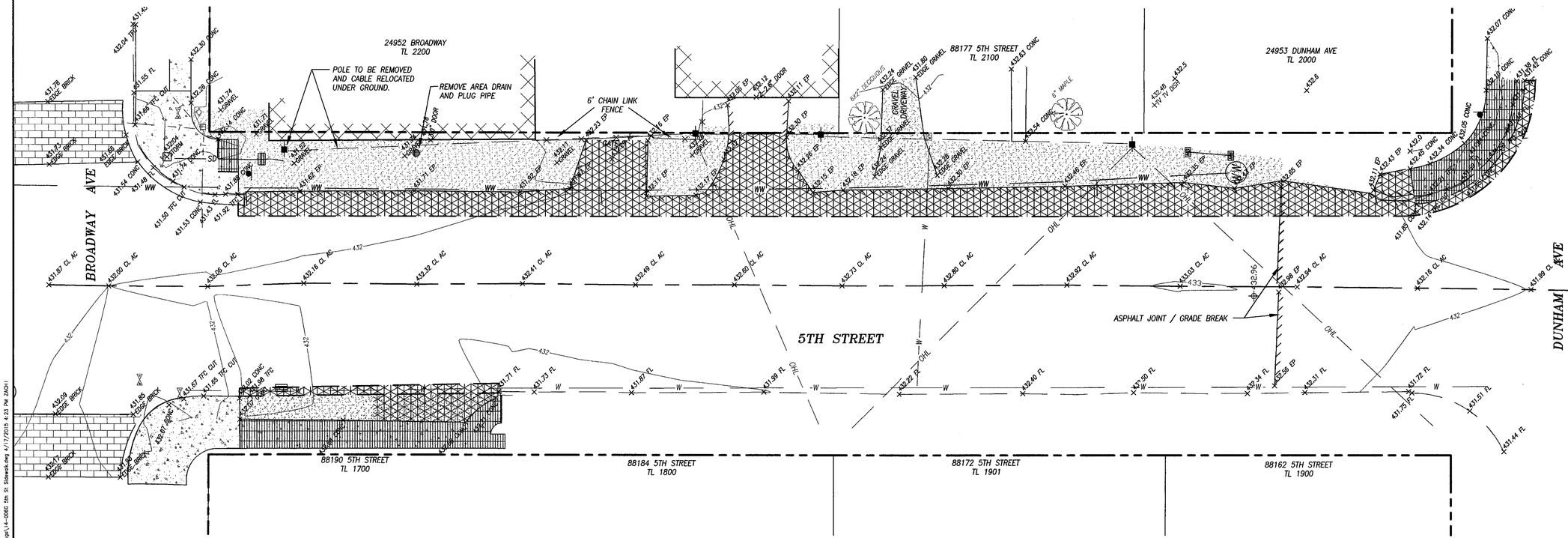
GRAPHIC SCALE
10 0 5 10 20
(IN FEET)

UTILITY NOTES

ATTENTION: *OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0001 THROUGH 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER AT (503) 232-1987.*

USE PROTECTIVE MEASURES TO KEEP DEBRIS FROM ENTERING EXISTING STORM SYSTEM.

RELOCATE OVERHEAD CABLE TO UNDERGROUND INSTALLATION (BY OTHERS).



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project no:	14-006g

EXISTING CONDITIONS AND DEMO PLAN

sheet:

C1

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LEGEND

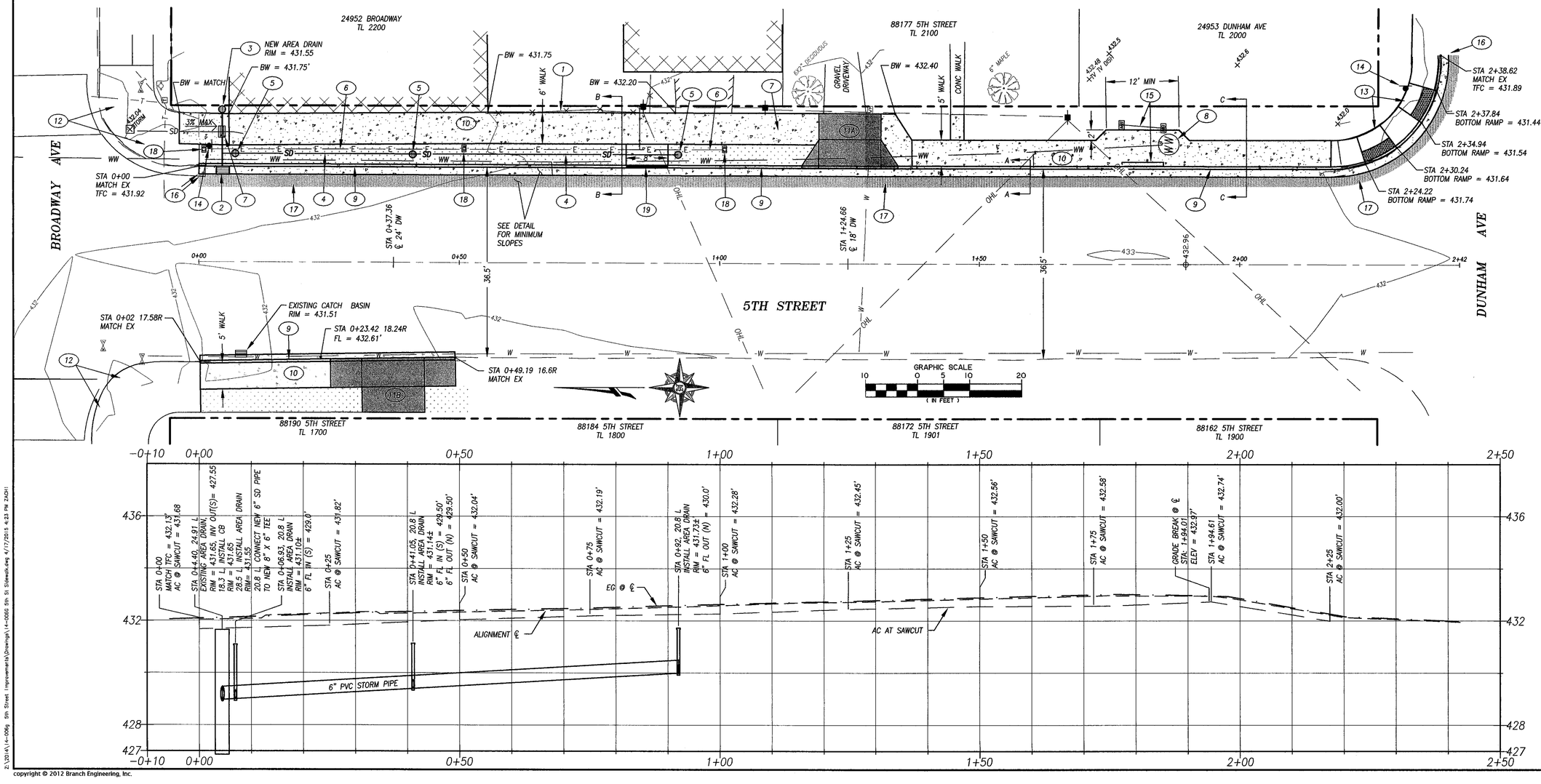
PROPERTY/RIGHT OF WAY LINE	NEW CONCRETE SIDEWALK
ADJOINER LINE	NEW AC
CENTERLINE STRIPE LINE	NEW DRIVEWAY APPROACH
ALIGNMENT CENTERLINE (EQUAL DISTANCE BETWEEN FL)	NEW PLANTER STRIP/LANDSCAPING
ASPHALT	DECIDUOUS TREE
CURB – PROPOSED	BUILDING
SD STORM SEWER – EXISTING	WATER METER
SD STORM SEWER – PROPOSED	TELEPHONE RISER
WW WASTEWATER SEWER	AC ASPHALT
OHL OVERHEAD WIRE	BW BACK SIDEWALK
E ELECTRICAL CONDUIT – PROPOSED	℄ CENTERLINE
T TELEPHONE/CABLE LINE	DW DRIVEWAY
FENCE	EG EXISITING GRADE
410 CONTOUR LINE	FL FLOW LINE
AREA DRAIN	TFC TOP FACE OF CURB ELEVATION
CATCH BASIN	TL TAX LOT
POWER POLE	UG UNDERGROUND
ELECTRIC BOXES FOR FUTURE STREET LIGHTS	
WW WASTEWATER MANHOLE	
SIGN	
WATER VALVE	

X — X

SEE SHEETS C4 & C5 FOR CROSS SECTIONS DETAILS

CONSTRUCTION NOTES

1. RELOCATE FENCE TO BACK OF NEW WALK.
2. CONSTRUCT NEW CATCH BASIN AND INSTALL 6 LF 8" PVC STORM DRAIN PIPE WITH 8" X 6" TEE AND CONNECT TO EXISTING AREA DRAIN PER ODOT STANDARD DRAWINGS RD378 AND RD339, SHEET C3,
3. CONSTRUCT NEW AREA DRAIN AND INSTALL 3.5 LF 8" PVC STORM DRAIN PIPE TO EXISTING AREA DRAIN PER ODOT STANDARD DRAWINGS RD374 AND RD339, SHEET C3.
4. CONSTRUCT 92 LF 6" 3034 PVC STORM DRAIN PIPE WITH THREE 6" TEES. SEE DETAIL C5. TRENCH PER ODOT STANDARD DRAWING RD300, SHEET, C4.
5. FURNISH AND INSTALL AREA DRAIN AND CONNECT TO NEW 6" STORM DRAIN PIPE. SEE DETAIL RD374 & RD339, SHEET C3.
6. INSTALL 1–1/2" DIAMETER UG ELECTRICAL CONDUIT FROM EXISTING POWER POLE TO ELECTRIC BOX LOCATIONS IN LANDSCAPE AREA FOR FUTURE STREET LIGHT APPLICATION. SEE DETAIL SHEET C6.
7. ADJUST EXISTING AREA DRAIN RIM TO MATCH SLOPED SIDEWALK AND INSTALL NON–SLIP GALVANIZED LID PER ODOT STANDARD DRAWING 373, SHEET C4.
8. ADJUST MANHOLE FRAME PER ODOT STANDARD DRAWING RD360, SHEET C4.
9. CONSTRUCT CURB AND GUTTER PER ODOT STANDARD DRAWING RD700, SHEET C5.
10. CONSTRUCT 4" THICK SIDEWALK OVER 4" AGGREGATE BASE PER ODOT STANDARD DRAWING RD720, SHEET C5.
11A. CONSTRUCT DRIVEWAY APPROACH PER ODOT STANDARD DRAWING RD740 (OPTION I), SHEET C5.
11B. CONSTRUCT DRIVEWAY APPROACH PER ODOT STANDARD DRAWING RD740 (OPTION N), SHEET C6.
12. FURNISH AND INSTALL 2' X 4' ADA APPROVED TRUNCATED DOME PANELS TO EXISTING RAMPS. ACCESS TILE PART #ACC–S–2448–XX AND TACTILE BOND & SEAL ADHESIVE #TBS–010 OR APPROVED EQUAL.
13. CONSTRUCT RAMP PER ODOT STANDARD DRAWING RD757 (OPTION H), SHEET C6.
14. FURNISH AND INSTALL NEW STOP SIGNS AND POSTS PER CITY OF VENETA STANDARD DRAWING NO. V202, SHEET C6.
15. RELOCATE EXISTING MAILBOXES TO NEW CURBSIDE MAILBOX POST PER ODOT STANDARD DRAWING NO. RD101, SHEET C6.
16. PROVIDE SMOOTH TRANSITION FROM OLD TO NEW – NO ABRUPT ANGLE POINTS.
17. SAWCUT AND CONSTRUCT AC PATCH AS NEEDED PER RD302, SHEET C4.
18. FURNISH AND INSTALL JB #1 POLY – COMPOSITE ELECTRICAL BOXES. STATIONING FOR ELECTRICAL BOXES: 0+00.9 21.4L, 0+50.9 21.9L & 1+00.9 22.0L
19. PAINT CURB YELLOW AT CURBSIDE CONCRETE WALK.



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EXPIRES: DECEMBER 31, 2015

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revisions:

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designer:	MLB
project no:	14-006g

PLAN AND PROFILE

sheet: C2

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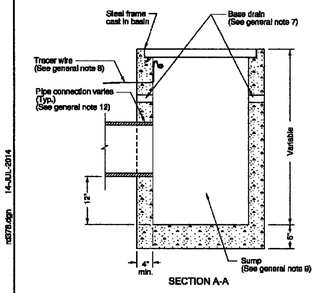
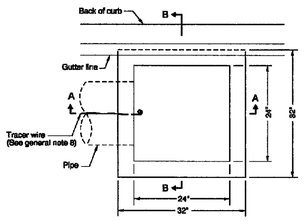
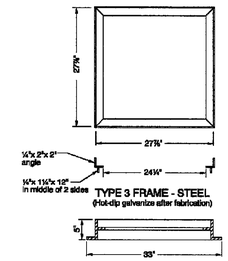


SECTION A-A

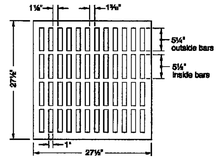


PLAN



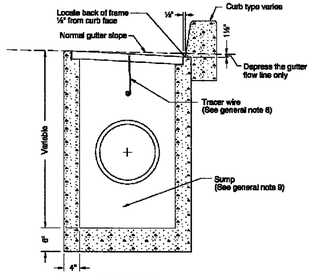
TYPE 3 FRAME - STEEL
(Hot-dip galvanize after fabrication)

OPTIONAL CAST IRON FRAME
FOR A MORTAR-ON TYPE 3 CATCH BASIN



TYPE 3 CATCH BASIN GRATE

PRECAST RISER



SECTION B-B

GENERAL NOTES FOR ALL DETAILS:
1. Catch basin & grate shall meet H20 loading.
2. All concrete shall be commercial grade concrete.
3. Precast walls shall be a minimum of 4" thick.
4. For use by local agencies on low volume residental facilities as directed.
5. Depress gutter flowline and transition gutter as shown in Std. Drg. RD366 perspective view.
6. Knockouts allowed for precast option.
7. If directed, install 3" dia. base drain with field installed mesh screen for subgrade drainage.
8. See Std. Drg. RD336 for tracer wire details, or approved alternate.
9. Provide sump only where shown on plans, and allowed by jurisdiction. For sump details, see Std. Drg. RD364.
10. Max. pipe diameter varies with pipe material.
11. All precast inlets shall conform to requirements of ASTM C913.
12. See Std. Drg. RD339 for pipe to structure connections.
13. Location, elevation, diameter, slope, and number of pipe(s) varies, see project plans.

CALC. BOOK NO. N/A | BASELINE REPORT DATE 14-JUL-2014

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

OREGON STANDARD DRAWINGS

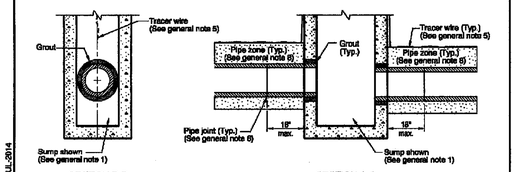
TYPE "3" CATCH BASIN, FRAME AND GRATE

2015

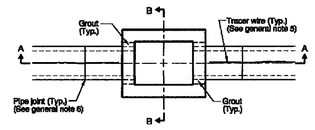
DATE	REVISION DESCRIPTION

rd378.dgn 14-JUL-2014

Effective Date: February 1, 2015 - May 31, 2015 RD378

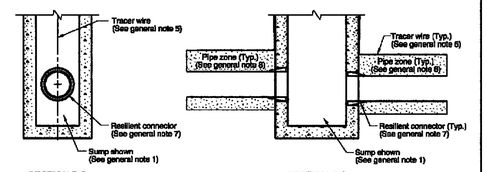


SECTION B-B SECTION A-A

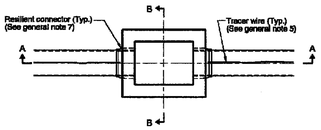


PLAN

CONNECTION OF RIGID PIPE TO STRUCTURE



SECTION B-B SECTION A-A



PLAN

CONNECTION OF FLEXIBLE PIPE TO STRUCTURE

GENERAL NOTES FOR ALL DETAILS:
1. See Std. Drgs. RD364, RD365, and RD366 for inlet details not shown.
2. See appropriate standard drawings or special project details for other similar structures.
3. Location, elevation, diameter, slope, and number of pipe(s) varies, see project plans.
4. Max. pipe diameter varies with pipe material.
5. All connecting pipes shall have a tracer wire, or approved alternate. See Std. Drg. RD336 for tracer wire details.
6. When rigid pipe is used, the connecting pipe shall have a flexible, gasketed and unrestrained joint within 18" of manhole wall. Joint type varies with manufacturer.
7. When flexible pipe is used, install resilient connectors conforming to requirements of ASTM C923.
8. Pipe zone varies, see Std. Drg. RD300.

CALC. BOOK NO. N/A | BASELINE REPORT DATE 14-JUL-2014

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

OREGON STANDARD DRAWINGS

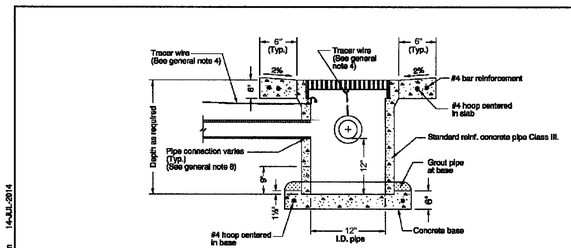
PIPE TO STRUCTURE CONNECTIONS

2015

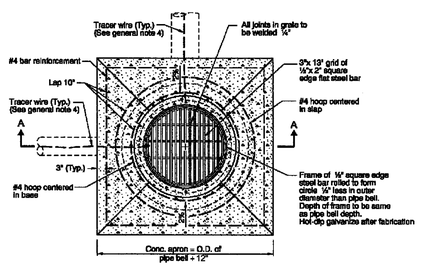
DATE	REVISION DESCRIPTION

rd339.dgn 14-JUL-2014

Effective Date: February 1, 2015 - May 31, 2015 RD339



SECTION A-A



PLAN

AREA DRAIN NOTES (SWALE ONLY) :

CONCRETE OR DRAIN ROCK COLLAR ACCEPTABLE FOR AREA DRAINS IN SWALE.

ANGLE COLLARS DOWN TO CREATE SMOOTH TRANSITION.

GENERAL NOTES FOR ALL DETAILS:
1. Grates shall be bicycle-safe.
2. Precast concrete inlets may be used when specified or approved. All precast inlets shall conform to requirements of ASTM C913.
3. Anchor vertical leg of inlet pipe if not a glued joint.
4. See Std. Drg. RD336 for tracer wire details.
5. All reinforcement shall be 2" clear of nearest face of conc., unless otherwise shown.
6. Max. connecting pipe diameter varies with pipe material.
7. All concrete shall be commercial grade concrete.
8. See Std. Drg. RD339 for pipe to structure connections.
9. Location, elevation, diameter, slope, and number of pipe(s) varies, see project plans.

CALC. BOOK NO. N/A | BASELINE REPORT DATE 14-JUL-2014

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

OREGON STANDARD DRAWINGS

AREA DRAINAGE BASIN OR FIELD INLET

2015

DATE	REVISION DESCRIPTION

rd374.dgn 14-JUL-2014

Effective Date: February 1, 2015 - May 31, 2015 RD374

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DETAILS

sheet:

C3

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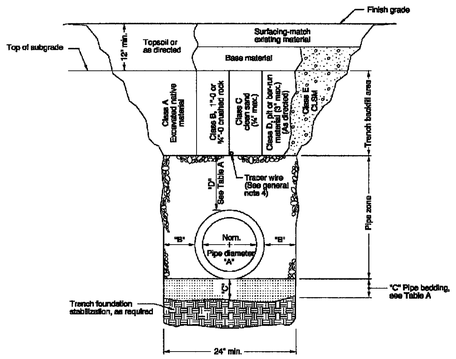
rd300.dgn 14-JUL-2014



MULTIPLE INSTALLATIONS	
DIAMETER	MIN. SPACE BETWEEN PIPES
Up to 48"	24"
48" to 72"	One half (½) dia. of pipe

TABLE A

"A" (In)	"B" (In)	"C" (In)	"D" (In)
4	10	4	8
6	10	4	8
8	10	6	10
10	10	6	10
12	12	6	10
15	12	6	10
18	16	6	12
21	16	6	12
24	18	6	12
30	18	6	12
36	24	6	14
42	24	6	14
48	24	6	14
54	24	6	14
60	24	6	14
66	24	6	14
72	24	6	14

For pipes over 72" diameter, see general note 3.

GENERAL NOTES FOR ALL DETAILS:

1. Surfacing of paved areas shall comply with street cut Std. Drg. RD302.
2. For pipe installation in embankment areas where the trench method will not be used and the pipe is ≥ 36" diameter, increase dimension "B" to nominal pipe diameter.
3. Pipes over 72" diameter are structures, and are not applicable to this drawing.
4. See Std. Drg. RD336 for tracer wire details (When required).

CALC. BOOK NO. N/A — BASELINE REPORT DATE 14-JUL-2014

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

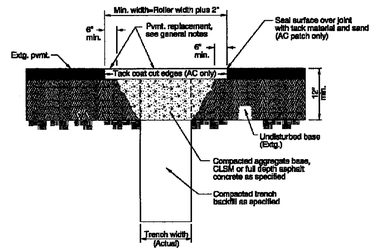
TRENCH BACKFILL, BEDDING, PIPE ZONE AND MULTIPLE INSTALLATIONS

2015

DATE	REVISION DESCRIPTION

Effective Date: February 1, 2015 - May 31, 2015 RD300

rd302.dgn 14-JUL-2014



GENERAL NOTES FOR ALL DETAILS:

1. All existing AC or PCC pavement shall be sawcut prior to repaving.
2. Concrete pavement shall be replaced with concrete to a minimum thickness of 6" or to the thickness of removed pavement, whichever is greater.
3. Place AC mix minimum thkn. of 4" or the thkn. of the removed pavement, whichever is greater. Compact as specified.

CALC. BOOK NO. N/A — BASELINE REPORT DATE 12-JUN-2006

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

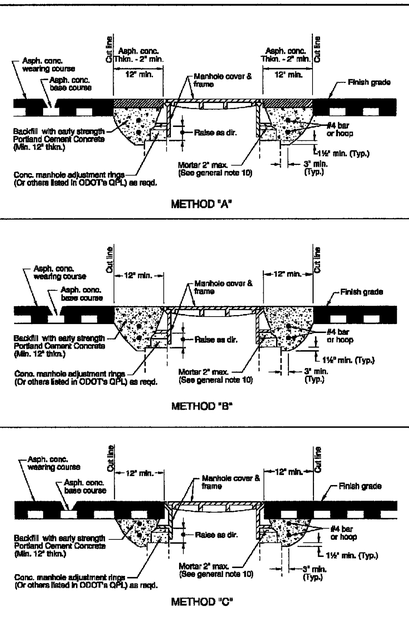
STREET CUT

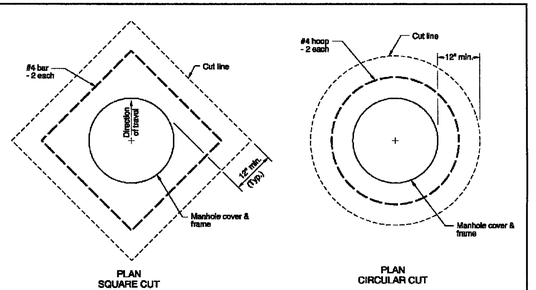
2015

DATE	REVISION DESCRIPTION

Effective Date: February 1, 2015 - May 31, 2015 RD302

rd360.dgn 14-JUL-2014





GENERAL NOTES FOR ALL DETAILS:

1. Cover manhole with building paper and const. asph. conc. base course and wearing courses.
2. Saw cut square or circular excavation around manhole 12" min. from manhole frame.
3. Raise manhole cover and frame to finish grade by installing conc. manhole adjustment rings and leveling mortar.
4. Backfill with early strength Portland Cement Concrete. All concrete shall be commercial grade concrete.
5. Protect from traffic loading until conc. has cured to 3000 psi.
6. Apply tack coat to edges of existing pavement before installing patch.
7. Finish joint with asphalt seal and sand.
8. See Std. Drg. RD336 for manhole steps details.
9. See appropriate manhole standard drawings for details not shown.
10. Use epoxy for synthetic grade rings.
11. See Std. Drg. RD336 for tracer wire details.
12. See Std. Drg. RD366 for manhole cover and frame.

CALC. BOOK NO. N/A — BASELINE REPORT DATE 24-JAN-2011

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

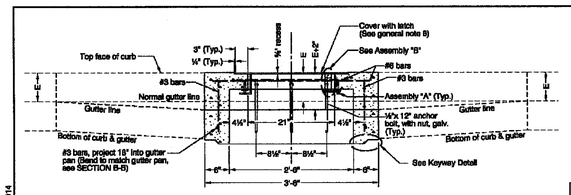
MANHOLE FRAME ADJUSTMENT

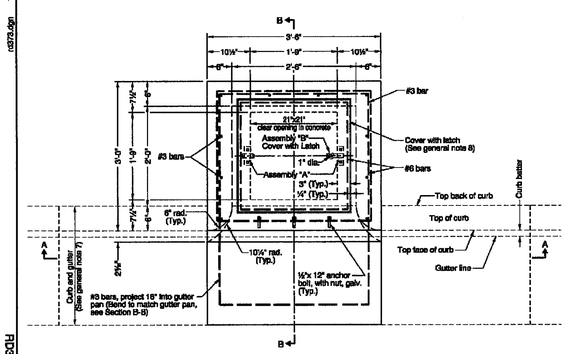
2015

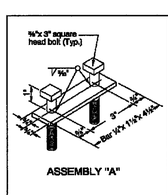
DATE	REVISION DESCRIPTION

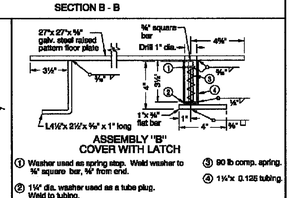
Effective Date: February 1, 2015 - May 31, 2015 RD360

rd373.dgn 14-JUL-2014



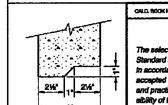






GENERAL NOTES FOR ALL DETAILS:

1. All concrete shall be commercial grade concrete.
2. Inlet top may be cast-in-place or precast.
3. All reinforcement shall be 2" clear of nearest face of conc., unless otherwise shown.
4. Vary anchor bolt length and reinforcing bar placement as required by curb exposure E (see note 7 below).
5. See Std. Drg. RD371 for inlet base details.
6. See Std. Drg. RD371 for inlet pay limit.
7. See Std. Drgs. RD700 & RD701 for curb and gutter details.
8. Provide cover with latch per Assembly A & Assembly B, hot dip galvanize after fabrication. Mount cover with latch flush with finish grade, in ¾" deep concrete recess, with ¾" horizontal clearance on all sides.



CALC. BOOK NO. N/A — BASELINE REPORT DATE 30-JUN-2009

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

CONCRETE INLET TOP, OPTION 2 TYPE C2-3

2015

DATE	REVISION DESCRIPTION

Effective Date: February 1, 2015 - May 31, 2015 RD373

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Springfield OR | Salem OR

REGISTERED PROFESSIONAL ENGINEER #52996 OREGON FEBRUARY 5, 2008 MICHAEL LANE BRANCH

EXPIRES: DECEMBER 31, 2015

project title:

5TH STREET IMPROVEMENTS

CITY OF VENETA
88184 8TH STREET
VENETA, OREGON

revisions:

date:	4-17-15
drawn by:	ZSI
designer:	MLB
project no:	14-006g

DETAILS

sheet:

C4

Z:\2014\14-006g 5th Street Improvements\Drawings\14-006G 5th St Sidewalk.dwg 4/17/2015 4:23 PM ZACH

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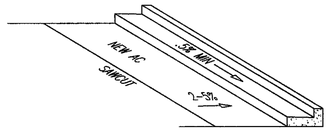
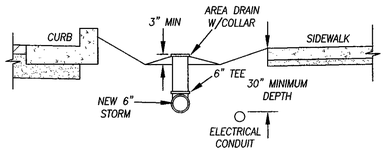


NOTES:

1. MAINTAIN .5% MIN SLOPE IN CURB FL.
2. ADJUST AC CUT LINE TO MAINTAIN ADEQUATE CURB SLOPE.
2. CONTRACTOR TO VERIFY GRADES PRIOR TO INSTALLATION OF CURB AND GUTTER.

AC AND CURB SLOPE SECTION A–A

NOT TO SCALE

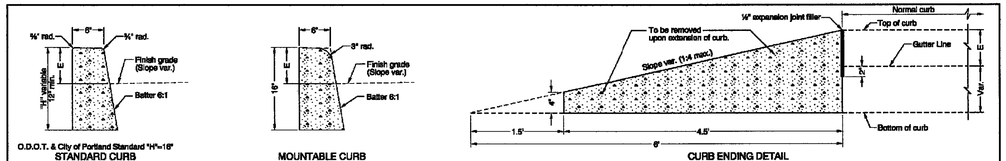


AREA DRAIN DETAIL (SWALE)

NOT TO SCALE

AREA DRAIN NOTES:

1. AREA DRAIN: 6" PVC STAND PIPE WITH PVC GRATE. SUBMIT PARTS FOR APPROVAL PRIOR TO INSTALLATION.
2. CONNECT STAND PIPE TO TEE. NO WYE'S ALLOWED.



14-JUL-2014 rd700.dgn

RD700

GENERAL NOTES FOR ALL DETAILS:

1. Curb exposure "E" = 6" to 9", as measured vertically from flowline to highest point on curb. Vary as shown on plans or as directed. O.D.O.T standard "E"=7".
2. Const. expansion joints at 200' maximum spacing, and at points of tangency, and at ends of each driveways.
3. Const. contraction joints at 15' maximum spacing, and at ends of each inlet and ramp.
4. Transitions shall be used to connect curbs of different exposures "E". ("E" is the total vertical dimension of those curb surfaces having a slope of 1:1 or steeper). Minimum desirable transition length shall be 20' for each 1" difference in "E".
5. Tops of all curbs shall slope toward the roadway at 2% normal, unless otherwise shown, or as directed.
6. Dimensions are nominal, vary to conform with curb machine approved by the engineer.
7. Dimensions adjacent to radii are measured to the point of intersection of curb surfaces.
8. For sidewalk details, and monolithic curb & sidewalk, see Std. Drg. RD720.
9. For drainage curbs, see Std. Drg. RD701.

CALC. BOOK NO. N/A

BASELINE REPORT DATE 07-JAN-2013

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

OREGON STANDARD DRAWINGS

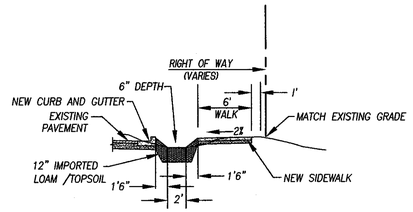
CURBS

2016

DATE	REVISION DESCRIPTION

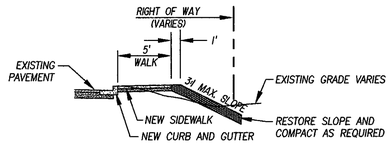
The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

Effective Date: February 1, 2015 - May 31, 2015 RD700



SETBACK SIDEWALK SECTION B–B

NOT TO SCALE

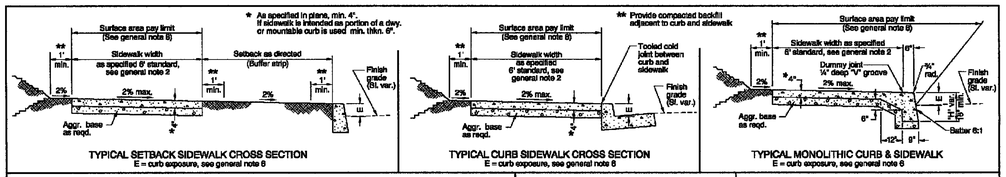


CURBSIDE SIDEWALK SECTION C–C

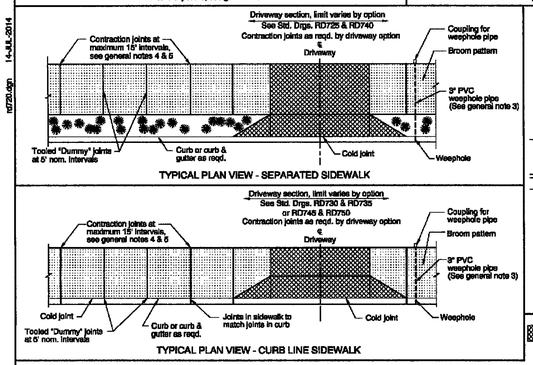
NOT TO SCALE

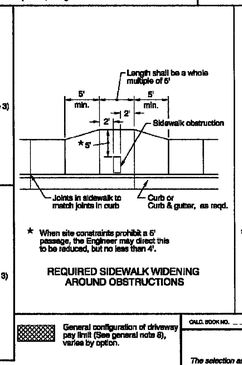
SIDEWALK NOTES:

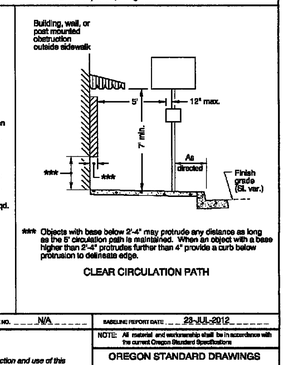
1. LONGITUDINAL SLOPES PER ADA REQUIREMENTS.
2. MINIMUM 4' TRAVEL CLEARANCE WHERE OBSTRUCTIONS EXIST.



14-JUL-2014 rd720.dgn







General configuration of driveway pay limit (See general note 8), varies by option.

GENERAL NOTES FOR ALL DETAILS:

1. Include additional paved or unpaved 2' clearance to vertical faces higher than 5' such as retaining walls, sound walls, fences and buildings.
2. Curb type and sidewalk width as shown on plans or as directed. On sidewalks 8' and wider, provide a longitudinal joint at the midpoint.
3. Install 5" pvc weephole pipes in sidewalks where shown on plans, and allowed by jurisdiction. Place contraction joint over top of pipe.
4. Const. expansion joints at 200' maximum spacing, and at points of tangency, and at ends of each driveway. For monolithic curb & sidewalk, const. expansion joints at 45' maximum spacing.
5. Const. contraction joints at 15' maximum spacing, and at ends of each driveway and ramp.
6. For curb details, see Std. Drgs. RD700 & RD701.
7. Sidewalk details are based on United States Access Board Standards.
8. For driveway details not shown, see Std. Drgs. RD725, RD730, RD735, RD740, RD745 & RD750.

CALC. BOOK NO. N/A

BASELINE REPORT DATE 28-JUL-2012

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

OREGON STANDARD DRAWINGS

SIDEWALKS

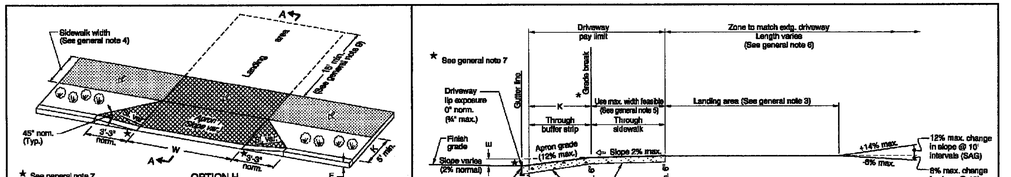
2015

DATE	REVISION DESCRIPTION

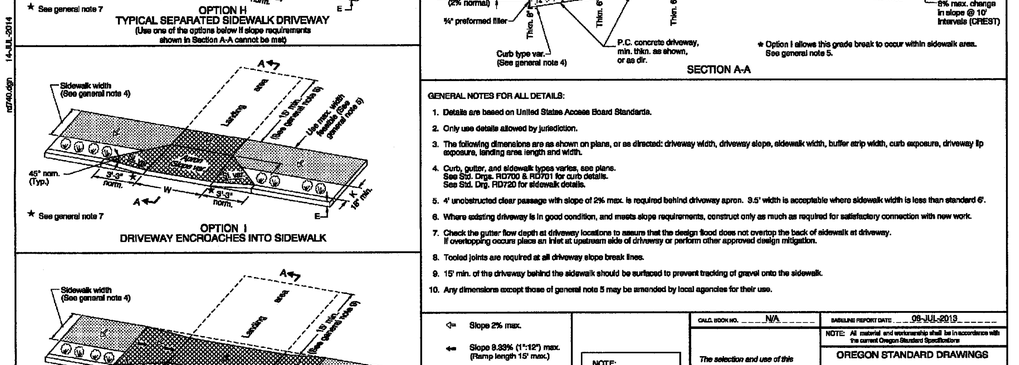
The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

RD720

Effective Date: February 1, 2015 - May 31, 2015 RD720



14-JUL-2014 rd740.dgn



RD740

GENERAL NOTES FOR ALL DETAILS:

1. Details are based on United States Access Board Standards.
2. Only use details allowed by jurisdiction.
3. The following dimensions are as shown on plans, or as directed: driveway width, driveway slope, sidewalk width, buffer strip width, curb exposure, driveway lip exposure, landing area length and width.
4. Curb, gutter, and sidewalk types varies, see plans. See Std. Drgs. RD700 & RD701 for curb details. See Std. Drg. RD720 for sidewalk details.
5. 4' unobstructed clear passage with slope of 2% max. is required behind driveway apron. 3.5' width is acceptable where sidewalk width is less than standard 6'.
6. Where existing driveway is in good condition, and meets slope requirements, construct only as much as required for satisfactory connection with new work.
7. Check the gutter flow depth at driveway locations to assure that the design flood does not overtop the back of sidewalk at driveway. If overtopping occurs place an inlet at upstream side of driveway or perform other approved design mitigation.
8. Tooled joints are required at all driveway slope break lines.
9. 15' min. of the driveway behind the sidewalk should be surfaced to prevent tracking of gravel onto the sidewalk.
10. Any dimensions except those of general note 5 may be amended by local agencies for their use.

<=	Slope 2% max.
<=	Slope 8.33% (1":12") max. (Ramp length 15' max.)
W	Width of driveway
K	Buffer strip width
E	Curb exposure
	Driveway pay limit

NOTE: This drawing is to be used by local agencies to assist them in the design of driveways on their facilities.

CALC. BOOK NO. N/A

BASELINE REPORT DATE 08-JUL-2013

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

OREGON STANDARD DRAWINGS

SEPARATED SIDEWALK DRIVEWAYS OR ALLEYS (OPTIONS H, I & J) LOCAL JURISDICTIONS

2016

DATE	REVISION DESCRIPTION

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

Effective Date: February 1, 2015 - May 31, 2015 RD740

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Springfield OR | Salem OR

REGISTERED PROFESSIONAL ENGINEER #52996 OREGON FEBRUARY 3, 1995 MICHAEL LANE BRANCH

EXPIRES: DECEMBER 31, 2015

project title:

5TH STREET IMPROVEMENTS

CITY OF VENETA
881 84 8TH STREET
VENETA, OREGON

revisions:

date:	4-17-15
drawn by:	ZSI
designer:	MLB
project no:	14-006g

DETAILS

sheet:

C5

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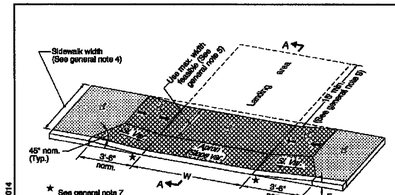
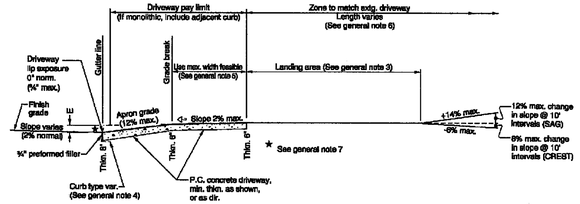
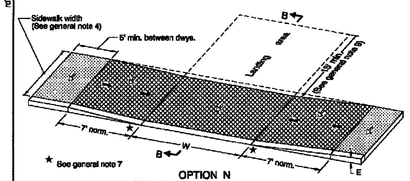


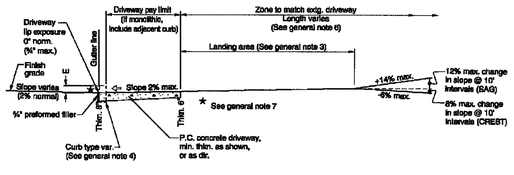
OPTION M
PARTIALLY LOWERED SIDEWALK



SECTION A-A



OPTION N
FULLY LOWERED SIDEWALK



SECTION B-B

GENERAL NOTES FOR ALL DETAILS:
1. Details are based on United States Access Board Standards.
2. Only use details allowed by jurisdiction.
3. The following dimensions are as shown on plans, or as directed: driveway width, driveway slope, sidewalk width, curb exposure, driveway lip exposure, landing area length and width.
4. Curb, gutter, and sidewalk types varies, see plans. See Std. Drgs. RD700 & RD701 for curb details. See Std. Drg. RD720 for sidewalk details.
5. 4' unobstructed clear passage with slope of 2% max. is required behind driveway apron. 3.5' width is acceptable where sidewalk width is less than standard 6'.
6. Where existing driveway is in good condition, and meets slope requirements, construct only as much as required for satisfactory connection with new work.
7. Check the gutter flow depth at driveway locations to assure that the design flood does not overtop the back of sidewalk at driveway. If overtopping occurs place an inlet at upstream side of driveway or perform other approved design mitigation.
8. Tooled joints are required at all driveway slope break lines.
9. 15' min. of the driveway behind the sidewalk should be surfaced to prevent tracking of gravel onto the sidewalk.
10. Monolithic curb & sidewalk shall retain thickened edge through lowered profile, to accomodate driveway use. See Std. Drg. RD720 for details.
11. Any dimensions except those of general note 5 may be amended by local agencies for their use.

Slope 2% max.
Slope 8.33% (1":12") max. (Ramp length 15' max.)
W Width of driveway
E Curb exposure
Driveway pay limit (If monolithic, include adjacent curb)

NOTE: This drawing is to be used by local agencies to assist them in the design of driveways on their facilities.

CALC. BOOK NO. N/A
BABELING REPORT DATE 06-JUL-2013
NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

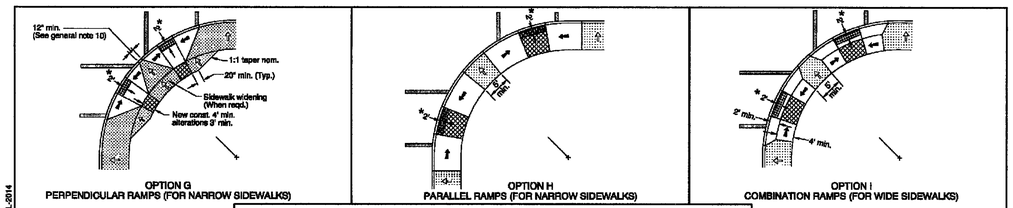
OREGON STANDARD DRAWINGS
CURB LINE SIDEWALK DRIVEWAYS OR ALLEYS (OPTIONS M & N) LOCAL JURISDICTIONS
2015

DATE	REVISION DESCRIPTION

RD750.dgn 14-JUL-2014

RD750

Effective Date: February 1, 2015 - May 31, 2015 RD750



GENERAL NOTES FOR ALL DETAILS:
1. Sidewalk ramp details are based on United States Access Board Standards.
2. See Std. Drgs. RD700 & RD701 for curbs. See Std. Drg. RD720 for sidewalks. See Std. Drgs. TM503 & TM530 for crosswalk markings, widths, etc. See Std. Drg. RD755 for sidewalk ramp details.
3. Tooled joints are required at all sidewalk ramp slope break lines.
4. Sidewalk curb ramp slopes shown are relative to the true level horizon (Zero bubble).
5. Place truncated dome detectable warning surface in the lower 2' adjacent to traffic of throat of ramp only. For details not shown, see Std. Drg. RD759.
6. Side flares that are not part of the path of travel may be any slope. Check the gutter flow depth to assure that the design flood does not overtop the back of sidewalk. If overtopping occurs place an inlet at upstream side or perform other approved design mitigation.
7. Sidewalk flare is not necessary where the ramp is protected from pedestrian cross-travel.
8. For the purpose of this drawing, a curb ramp is considered "perpendicular" if the angle between the longitudinal axis of the ramp and a line tangent to the curb at the ramp center is 75° or greater.
9. Ramps for paths intersecting a roadway should be full width of path, excluding flares. When a ramp is used to provide bicycle access from a roadway to a sidewalk, the ramp should be 6' wide.
10. When 2 curb ramps are immediately adjacent as in Option G, the curb exposure (e) between the adjacent side flares may range between 3' and full design exposure.
11. Only use options allowed by jurisdiction.

CALC. BOOK NO. N/A
BABELING REPORT DATE 06-JUL-2013
NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

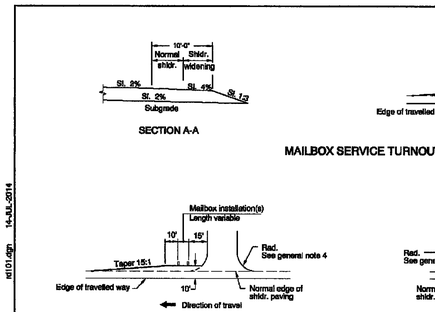
OREGON STANDARD DRAWINGS
SIDEWALK RAMP PLACEMENT OPTIONS CURB RADII > 15'
2015

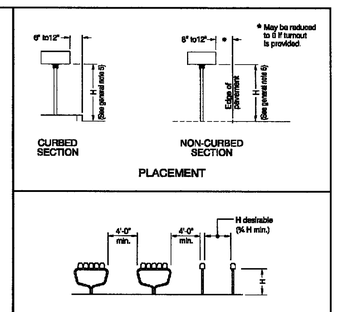
DATE	REVISION DESCRIPTION

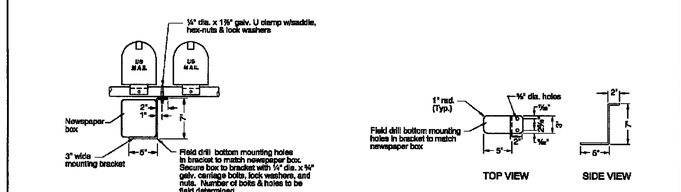
RD757.dgn 14-JUL-2014

RD757

Effective Date: February 1, 2015 - May 31, 2015 RD757







GENERAL NOTES FOR ALL DETAILS:
1. All holes in the tube support frame are to be predrilled by the manufacturer.
2. Other proprietary products available as listed in ODOT's QPL.
3. For mailbox support details, see Std. Drg. RD100.
4. For approach details, see Std. Drg. RD715.
5. Mounting height (H) shall be 42" nominal, measured from vehicle driving surface.

CALC. BOOK NO. N/A
BABELING REPORT DATE 27-JUN-2011
NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

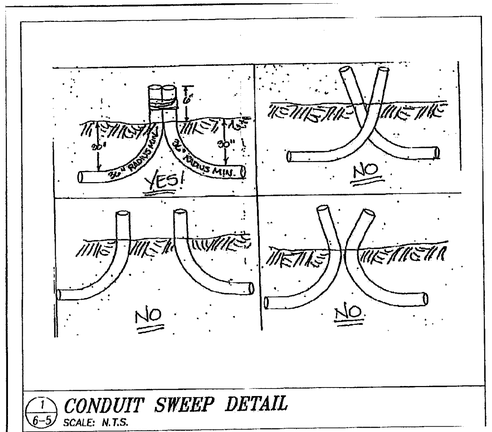
OREGON STANDARD DRAWINGS
MAILBOX INSTALLATION
2015

DATE	REVISION DESCRIPTION

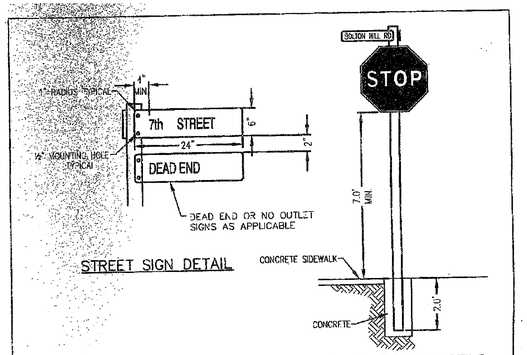
RD101.dgn 14-JUL-2014

RD101

Effective Date: February 1, 2015 - May 31, 2015 RD101



CONDUIT SWEEP DETAIL
SCALE: N.T.S.



SIGN NOTES
1) EXTRUDED ALUMINUM SIGN MATERIAL PER OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION
2) FACE MOUNT SIGNS WITH ½"x2" GALVANIZED LAG BOLTS AND WASHERS
3) R1-1 30"x30" STOP SIGNS PER MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
4) 6"x24" STREET NAME SIGNS WITH GREEN BACKGROUND AND 4" WHITE LETTERS ON BOTH SIDES. LONG STREET NAMES MAY REQUIRE LONGER SIGNS.
5) STREET NAME SIGNS REQUIRED AT ALL INTERSECTIONS FOR ALL STREETS.
6) STRAIGHT 4"x4" PRESSURE TREATED WOODEN POST WITH NO CRACKS
7) POSTS SHALL BE EMBEDDED IN CONCRETE 2' DEEP 18" DIAMETER
8) NO PARKING AND OTHER SIGNS USE SAME POST AND MOUNTING DETAIL

WEBER ELLIOTT ENGINEERS, P.C. Eugene, OR
City of Veneta

CITY OF VENETA STANDARD DRAWING
TYPICAL STOP/STREET SIGN
NTS | NOVEMBER 2007 | V202

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REGISTERED PROFESSIONAL ENGINEER #52996 OREGON FEBRUARY 11, 1999 MICHAEL LANE BRANCH

EXPIRES: DECEMBER 31, 2015

project title:

5TH STREET IMPROVEMENTS

CITY OF VENETA
88184 8TH STREET
VENETA, OREGON

revisions:

date:	4-17-15
drawn by:	ZSI
designer:	MLB
project no:	14-006g

DETAILS

sheet:

C6

Z:\2014\14-006g 5th Street Improvements\Drawings\14-0060 5th St Sidewalk.dwg 4/17/2015 4:23 PM ZACH

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