Addendum No. 1

2nd & 3rd Street Improvement Project
City of Veneta, Oregon

Bid Opening Date: 2:00 p.m. Tuesday, July 19, 2016
City of Veneta City Hall
88184 8th Street
Veneta, Oregon 97487

Digitally signed by Nathan Patterson
Date: 2016.07.12 16:01:01 -07'00'

EXPIRES: 12/31/16

This addendum modifies the Contract Documents for the subject project and shall become a part of the Contract Documents. Except as modified in this Addendum, the Project Manual containing the Contract Documents dated June 24th, 2016 to remain in effect and control all submissions. Bidders shall acknowledge receipt of this addendum in the space provided in Section 00200 and also on the outside of your bid envelope. Failure to do so may subject bidder to disqualification.

Please note the following corrections, revisions and clarifications to the Contract Documents:

Project Manual Specifications:

00205 Bid Schedule

Modification: See attached Bid Schedule for revised item titles #39, #40, & #41. Updated quantities for Bid Items #5, #36, & 37.

Revised Drawings:

- C1.1: 2nd Street Existing Conditions & Demo Plan
- C2.1: 2nd Street Construction Plan & Profile
- C3.1: Waterline Plan & Profile Broadway To McCutcheon
- C3.2: Waterline Plan & Profile McCutcheon to Hunter
- C8: Details
- E1: 2nd & 3rd Street Lighting, Signing, & Striping Plan

End of Addendum #1

BID Schedule

Project: **City of Veneta 2nd and 3rd Street Improvements Project**

Bid Closing: Tuesday, July 19th, 2016**,** 2:00 PM

From: _____
(Name of Contractor and Company)

To: CITY OF VENETA
Kyle Schauer
88184 Eighth Street
Veneta, Oregon 97487

The undersigned proposes to furnish all equipment, and labor required for the complete project, and to perform all work in strict accordance with the Contract Documents for the unit prices indicated below.

BID ITEM

ITEM NO.	ITEM DESCRIPTION	QTY	Unit	Unit Cost	Total Bid Price
1 *00210*	Mobilization, Bonds, And Insurance	1	Lump Sum	$	$
2 *00225*	Temporary Work Zone Traffic Control, Complete	1	Lump Sum	$	$
3 *00280*	Erosion Control	1	Lump Sum	$	$
4 *00310*	Removal of Curbs	45	Foot	$	$
5 *00310*	Removal of Walks and Driveways	120	Sq Yd	$	$
6 *00310*	Removal of Surfacing	2,270	Sq Yd	$	$
7 *00310*	Removal of Inlets	2	Each	$	$
8 *00310*	Removal of Water Meters and Valve Boxes	1	Lump Sum	$	$
9 *00310*	Saw Cutting	1,422	Foot	$	$
10 *00320*	Clearing and Grubbing	1	Lump Sum	$	$
11 *00330*	General Excavation	1	Lump Sum	$	$
12 *00331*	Subgrade Stabilization as Directed by Engineer	70	Cu Yd	$	$
13 *00350*	Subgrade Geotextile	2,355	Sq Yd	$	$
14 *00430*	4 Inch Perf Storm Sewer Pipe, 5 Ft Depth	20	Foot	$	$
15 *00445*	6 Inch Storm Sewer Pipe, 5 Ft Depth	22	Foot	$	$
16 *00445*	8 Inch Storm Sewer Pipe, 5 Ft Depth	200	Foot	$	$
17 *00445*	10 Inch Storm Sewer Pipe, 5 Ft Depth	105	Foot	$	$
18 *00445*	12 Inch Storm Sewer Pipe, 5 Ft Depth	25	Foot	$	$

19 *00470*	12" Concrete Storm Sewer Basin	2	Each	$	$
20 *00470*	Concrete Manholes, 24” Diameter	1	Each	$	$
21 *00470*	Concrete Manhole, Shallow	1	Each	$	$
22 *00470*	Concrete Storm Sewer Manholes	1	Each	$	$
23 *00470*	Concrete Inlets, Type ‘3’	4	Each	$	$
24 *00490*	Adjusting Boxes to Finish Grade	2	Each	$	$
25 *00490*	Connection to Existing Structures	3	Each	$	$
26 *00490*	Adjusting Inlets	1	Each	$	$
27 *00490*	Minor Adjustment of Existing Manholes	4	Each	$	$
28 *00495*	HMAC Trench Resurfacing	58	Ton	$	$
29 0B596	Prefabricated Modular Retaining Wall	1	Lump Sum	$	$
30 *00641*	Aggregate Base 12 inch	1,380	Ton	$	$
31 *00744*	Level 2, 1/2 Inch HMAC	440	Ton	$	$
32 *00759*	Concrete Curbs, Curb and Gutter	700	Foot	$	$
33 *00759*	Thickened Curb & Gutter	50	Foot	$	$
34 *00759*	Curb Wall Along Sidewalk	70	Foot	$	$
35 *00759*	Concrete Driveways	1,100	Sq Ft	$	$
36 *00759*	Concrete Walks	3,300	Sq Ft	$	$
37 *00759*	Truncated Dome Panel Texturing	75	Sf	$	$
38 *00850*	Pavement Markings	1	Lump Sum	$	$
39 *00905*	Remove and Install New Signs	1	Lump Sum	$	$
40 *00962*	Cast in Place Foundation (Lighting)	8	Each	$	$
41 *00970*	Trench, Conduit, Junction Boxes, & Splicing Conductor & Conduit	1	Lump Sum	$	$
42 *01012*	Water Quality Facility 1	1	Lump Sum	$	$
43 *01012*	Water Quality Facility 2	1	Lump Sum	$	$
44 *01090*	Gravel Beds/Rockery Landscaping	1	Lump Sum	$	$
45 *01140*	8 Inch Ductile Iron Potable Water Pipe, Fittings & Couplings with Restrained Joints And Class B Backfill	830	Lineal Feet	$	$

46 *01140*	8 Inch Connection to 8 Inch Existing Main	4	Each	$	$
47 *01160*	Hydrant Assemblies	1	Lump Sum	$	$
48 *01170*	1 Inch Water Service Connections Including Meter Installation	4	Each	$	$
			Bid Total	$	

From: _____
(Signature of Contractor)

Total Bid Price (written out in words) _____

LEGEND – EXISTING

- PROPERTY/RIGHT OF WAY LINE
- CENTER LINE
- CURB
- EDGE OF AC
- OHL — OVERHEAD LINE
- SIGN
- BOLLARD
- POWER POLE
- GUY WIRE
- JUNCTION BOX
- EV — ELECTRIC VAULT
- WM — WATER METER
- WATER VALVE
- STORMWATER MANHOLE
- OVERHEAD LINE
- AREA DRAIN
- CONCRETE
- BUILDING
- 535.00 — SPOT ELEVATION
- TL — TAX LOT

LEGEND – DEMOLITION

- SAWCUT
- ASPHALT REMOVAL
- CONCRETE REMOVAL

CONSTRUCTION NOTES

1. REMOVE AND RELOCATE STOP SIGN.
2. REMOVE CATCH BASIN. REPLACE WITH MANHOLE OR MANHOLE TOP PER UTILITY PLAN.
3. SAWCUT AND REMOVE AC PAVING.
4. SAWCUT AND REMOVE CONCRETE WALK AND STAIRS.
5. REMOVE WOOD PLANTER BOX.
6. NOT USED.
7. MANHOLE RIM TO BE ADJUSTED. SEE UTILITY PLAN FOR MORE INFORMATION.
8. PROTECT EXISTING CATCH BASIN.

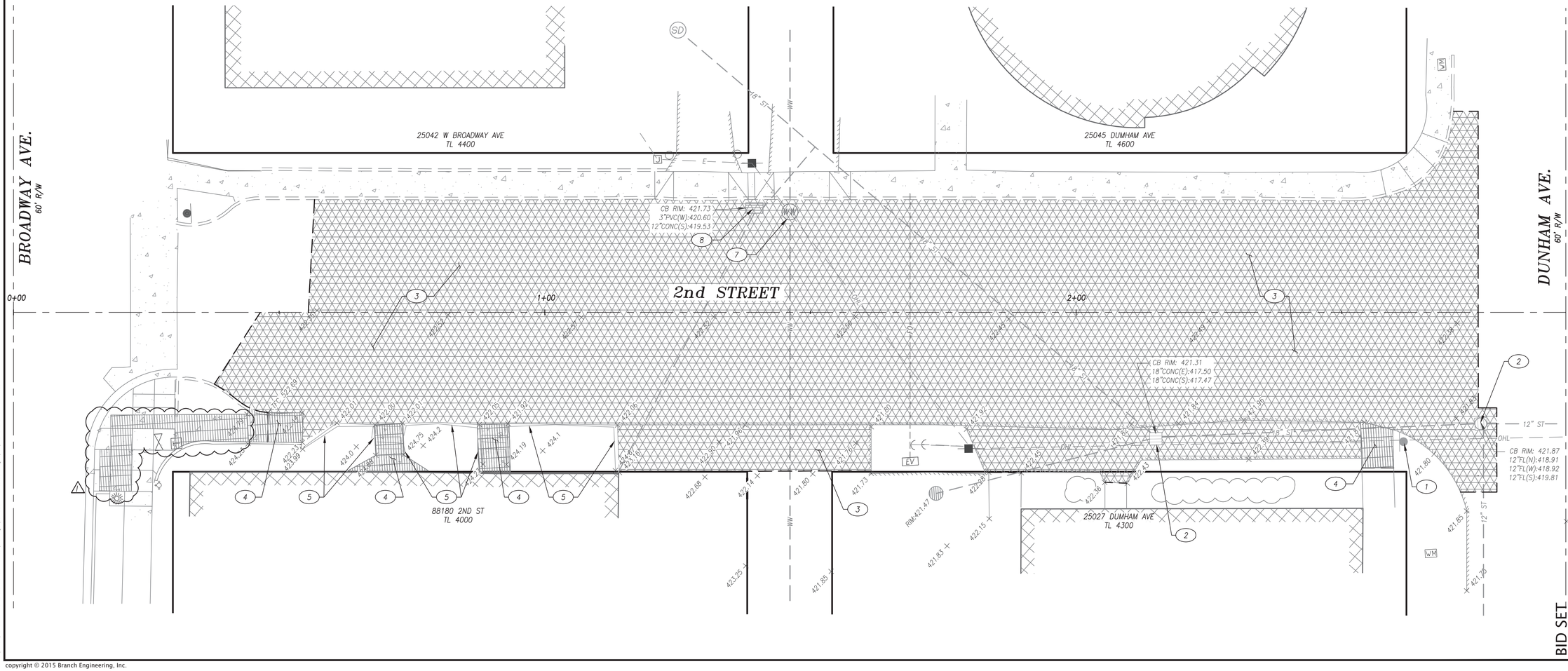
NOTES

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.

GRAPHIC SCALE

10 0 5 10 20

(IN FEET)



Branch ENGINEERING Inc.
Since 1977
civil • transportation
structural • geotechnical
SURVEYING
310 5th Street
Springfield, OR 97477
p: 541.746.0637
www.BranchEngineering.com
Springfield OR | Salem OR

REGISTERED PROFESSIONAL ENGINEER #52996 OREGON FEBRUARY 4, 1981 MICHAEL LANE BRANCH

EXPIRES: DECEMBER 31, 2017

Digitally signed by M. Lane Branch
M. Lane Branch
Date: 2016.07.12 15:40:24 -07'00'

project title:

2ND & 3RD STREET IMPROVEMENTS

CITY OF VENETA
88184 8TH STREET
VENETA, OREGON

revisions:
1 JULY 12, 2016 ADDENDUM #1

date: JUNE 24, 2016
drawn by: ARS
designer: NBP
project no: 15-006a

2ND STREET EXISTING CONDITIONS & DEMO PLAN

sheet: C1.1

BID SET

Z:\2015\15-006a 2nd & 3rd Street Veneta\Drawings\15-006a 2nd Street.dwg 7/12/2016 3:32 PM MARISSA

copyright © 2015 Branch Engineering, Inc.

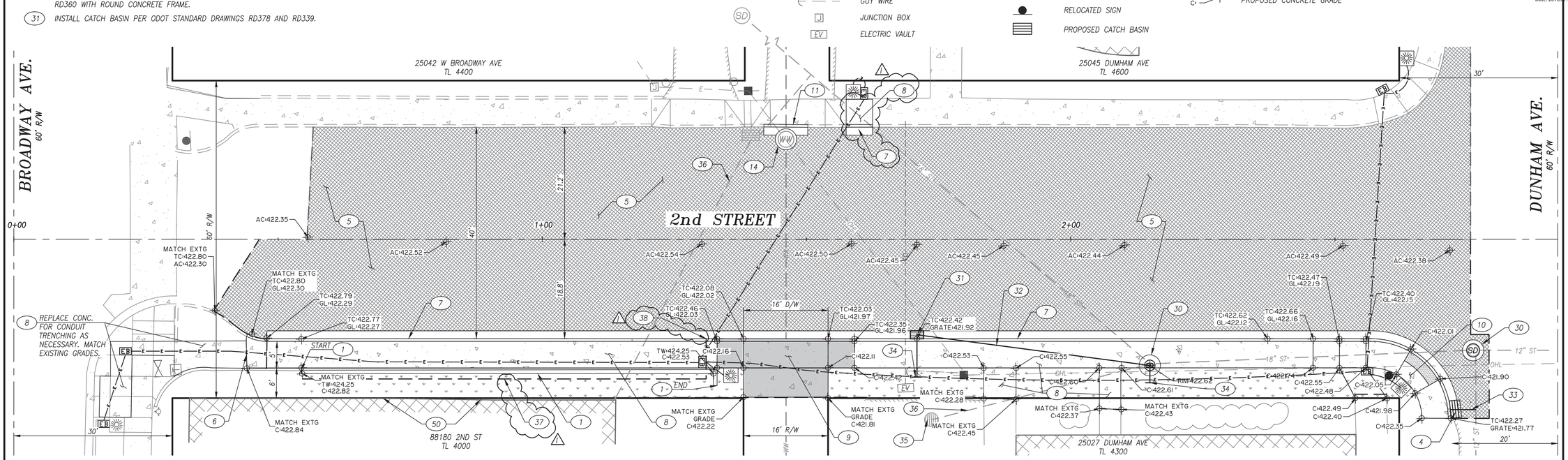
CONSTRUCTION NOTES

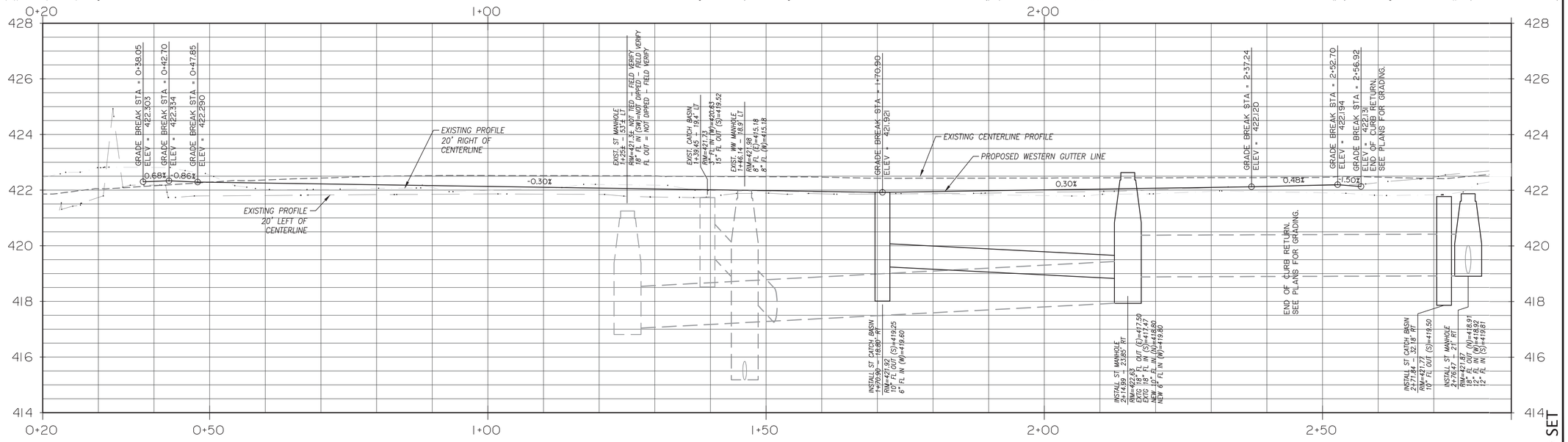
1. CONSTRUCT BLOCK LANDSCAPE WALL. MATCH EXISTING WALL MATERIAL. SEE DETAIL SHEET C8.
5. CONSTRUCT 4" AC OVER 12" AGGREGATE BASE.
6. PROVIDE SMOOTH TRANSITION FROM OLD TO NEW – NO ABRUPT ANGLE POINTS.
7. CONSTRUCT CURB AND GUTTER PER ODOT STANDARD DRAWING RD700, SHEET C9.
8. CONSTRUCT 4" THICK SIDEWALK OVER 4" AGGREGATE BASE PER ODOT STANDARD DRAWING RD720, SHEET C7.
9. CONSTRUCT DRIVEWAY APRON PER ODOT STANDARD DRAWING RD750 (OPTION N, SHEET C7), WITH ¾" LIP PER GRADING CALLOUTS.
10. CONSTRUCT ADA RAMP IN COMPLIANCE WITH ADA GUIDELINES.
11. REPLACE CURB AND GUTTER AROUND MANHOLE AS NECESSARY.
14. ADJUST MANHOLE FRAME TO MATCH FINISHED GRADE PER ODOT STANDARD DRAWING RD360, SHEET C5, WITH ROUND CUT CONCRETE FRAME.
30. CONSTRUCT STORM MANHOLE AND CONNECT TO EXISTING PIPES PER ODOT STANDARD DRAWING RD335. INSTALL CONCRETE COLLAR IN PAVEMENT AREAS PER ODOT DETAIL RD360 WITH ROUND CONCRETE FRAME.
31. INSTALL CATCH BASIN PER ODOT STANDARD DRAWINGS RD378 AND RD339.
32. CONSTRUCT 10" 3034 PVC STORM DRAIN PIPE PER ODOT STANDARD DRAWING RD300, SHEET C5. CONNECT TO NEW MANHOLE.
33. CONSTRUCT 10" 3034 PVC STORM DRAIN PIPE PER ODOT STANDARD DRAWING RD300, SHEET C5. CONNECT TO EXISTING STORM PIPE.
34. INSTALL 6" STORM PIPE FROM STRUCTURE TO BACK OF SIDEWALK AND CAP FOR FUTURE CONNECTION. COORDINATE WITH ELECTRICAL UTILITY PROVIDER AS NECESSARY.
35. CONFIRM CONNECTION LOCATION OF PRIVATE STORM STRUCTURE AND COORDINATE RECONNECTION TO PIPE OR STRUCTURE WITH ENGINEER AND CITY.
36. APPROXIMATE LOCATION OF EXISTING STORM LATERAL. PROTECT PIPE AND REPLACE AS NECESSARY. POTHOLE AND CONFIRM LOCATION PRIOR TO STORM LINE WORK.
37. 4" PERFORATED PIPE FOR WALL FOUNDATION DRAINAGE. SEE WALL DETAIL SHEET C8.
38. INSTALL WEEP HOLE THROUGH CURB PER ODOT STANDARD DETAIL RD700, SHEET C9.
50. COORDINATE RAILING REPLACEMENT ALONG EXISTING DECK W/CITY AND PROPERTY OWNER. MATCH EXISTING RAILING STYLE.

LEGEND

- PROPERTY/RIGHT OF WAY LINE
- CENTER LINE
- CURB
- EDGE OF AC
- ST — STORMWATER SEWER
- WW — WASTEWATER SEWER
- OHL — OVERHEAD LINE
- FO — FIBER OPTIC LINE
- SIGN
- BOLLARD
- POWER POLE
- GUY WIRE
- JUNCTION BOX
- EV ELECTRIC VAULT
- WM WATER METER
- WATER VALVE
- SD STORMWATER MANHOLE
- WW WASTEWATER MANHOLE
- CATCH BASIN
- AREA DRAIN
- CONCRETE
- BUILDING
- PROPOSED CURB
- RELOCATED SIGN
- PROPOSED CATCH BASIN
- SD PROPOSED STORMWATER MANHOLE
- PROPOSED CONCRETE
- PROPOSED AC PAVING
- PROPOSED AC OVERLAY
- PROPOSED DRIVEWAY APPROACH
- PROPOSED PLANTER STRIP/LANDSCAPING
- AC: PROPOSED ASPHALT GRADE
- TC: PROPOSED TOP OF CURB GRADE
- GL: PROPOSED GUTTER LINE GRADE
- TW: PROPOSED TOP OF GROUND GRADE AT WALL
- C: PROPOSED CONCRETE GRADE

GRAPHIC SCALE
10 0 5 10 20
(IN FEET)





BID SET

Branch ENGINEERING Inc.
Since 1977
civil • transportation
structural • geotechnical
SURVEYING
310 5th Street
Springfield, OR 97477
p: 541.746.0637
www.BranchEngineering.com
Springfield OR | Salem OR

REGISTERED PROFESSIONAL ENGINEER #52996 M. LANE BRANCH OREGON FEBRUARY 4, 1983 MICHAEL LANE BRANCH

Digitally signed by M. Lane Branch
Date: 2016.07.12 15:41:04 -07'00'

EXPIRES: DECEMBER 31, 2017

project title:

2ND & 3RD STREET IMPROVEMENTS

CITY OF VENETA
88184 8TH STREET
VENETA, OREGON

revisions:
⚠ JULY 12, 2016 ADDENDUM #1

date: JUNE 24, 2016
drawn by: ARS
designer: NBP
project no: 15-006a

2ND STREET
CONSTRUCTION
PLAN & PROFILE

sheet:
C2.1

Z:\2015\15-006a 2nd & 3rd Street Veneta\Drawings\15-006a 2nd Street.dwg 7/12/2016 2:32 PM MARISSA

copyright © 2015 Branch Engineering, Inc.

LEGEND

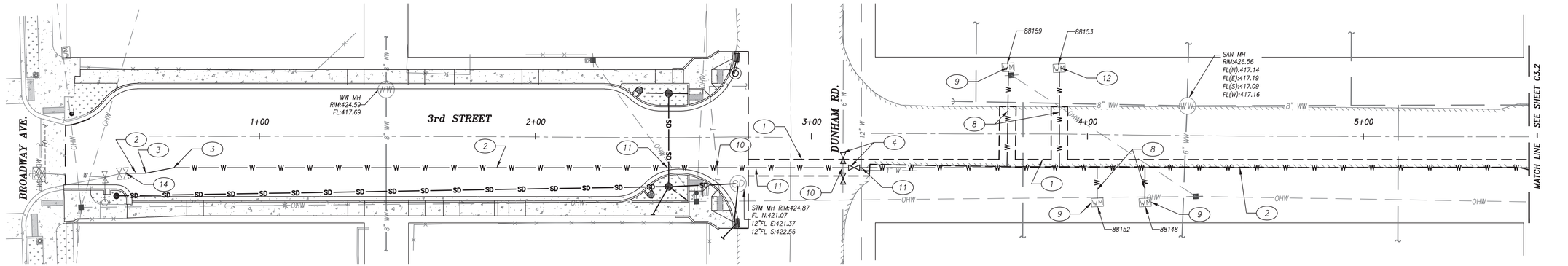
- PROPERTY BOUNDARY LINE
- EXISTING EDGE OF ASPHALT CONCRETE
- CENTERLINE
- ST — EXISTING STORM SEWER
- WW — EXISTING WASTEWATER SEWER
- W — EXISTING WATERLINE
- OHW — EXISTING OVERHEAD LINES
- EXISTING FENCE
- EXISTING POWER POLE
- EXISTING GUY WIRE
- WM — EXISTING WATER METER
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- EXISTING CATCH BASIN
- SD — EXISTING STORM WATER MANHOLE
- WW — EXISTING WASTEWATER MANHOLE
- PROPOSED CATCH BASIN
- SD — PROPOSED STORM WATER MANHOLE
- PROPOSED AREA DRAIN
- PROPOSED CONCRETE SIDEWALK
- SD — SD — PROPOSED STORM SEWER
- SAWCUT LINE
- W — W — PROPOSED WATER LINE
- PROPOSED WATER VALVE

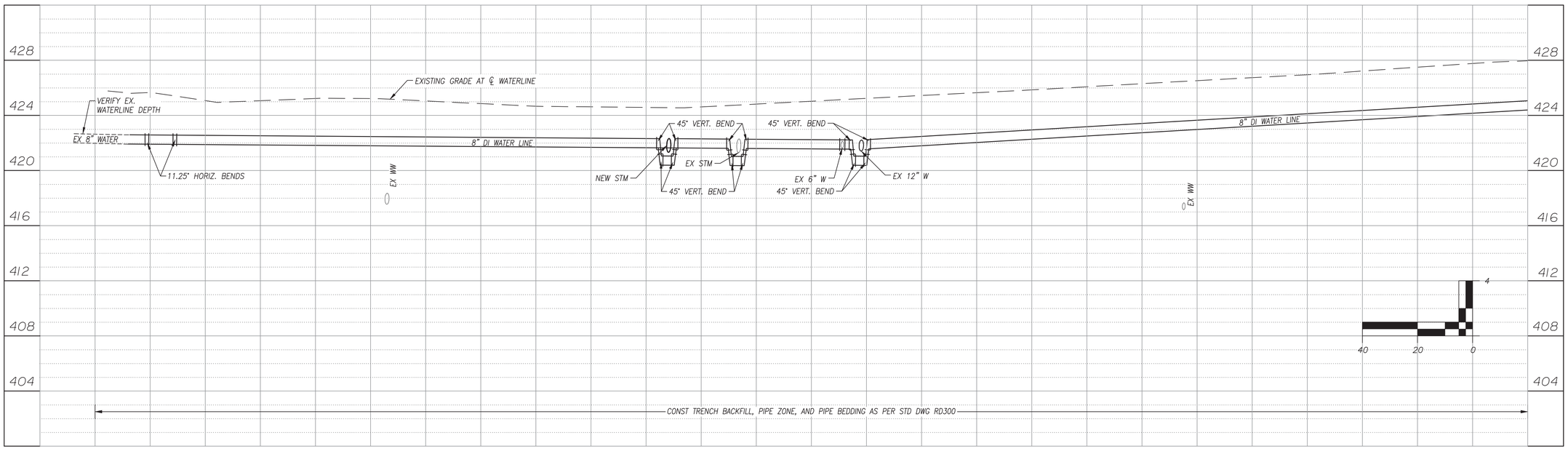
CONSTRUCTION NOTES

1. SAWCUT AND REMOVE EXISTING PAVEMENT AND REPLACE WITH LIKE MATERIAL PER ODOT STD DWG RD302 (SEE SHEET C5). PROVIDE 3" THICKNESS OF LEVEL 2 ASPHALT FOR PAVEMENT REPLACEMENT, OVER 12" CRUSHED ROCK.
2. CONSTRUCT 8" STANDARD CLASS 52 DUCTILE IRON WATER PIPE. WATERLINE TRENCH PER PER ODOT STANDARD DRAWING RD300. SEE SHEET C10. BACKFILL CLASS "B". DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT PIPE AND MECHANICAL JOINT FITTINGS FOR ALL RESTRAINTS PER AWWA STANDARDS. MINIMUM 30" COVER.
3. INSTALL 11.25° MV BEND.
4. CONNECT NEW 8" WATERLINE TO EXISTING 6" ASBESTOS CEMENT WATERLINE. INSTALL NEW 8"MJxFL GATE VALVES. RESTRAIN ALL JOINTS.
6. FURNISH AND INSTALL 8"X6" TEE. PROVIDE MECHANICAL THRUST RESTRAINT.
7. FURNISH AND INSTALL FIRE HYDRANT ASSEMBLY (MUELLER 5 ¼" A423 SUPER CENTURION "250" WITH TWO HOSE NOZZLES AND ONE PUMPER NOZZLE WITH 4" INTEGRAL STORZ CONNECTION) AND 6" GATE VALVE (MULLER A-2361 RESILIENT WEDGE GATE VALVE). HYDRANT TO BE PAINTED YELLOW WITH APPROVED PAINT. SEE CITY OF VENETA STANDARD DRAWING, SHEET C10.
8. INSTALL NEW 1" SERVICE CONNECTION FROM 8" MAIN TO EXISTING WATER METER. SEE CITY OF VENETA STANDARD DRAWING, SHEET C10. 8" SERVICE SADDLE (ROMAC INDUSTRIES 202N SERVICE SADDLE) FOR PVC WATER MAIN IS REQUIRED. USE 1" MUELLER BALL CORPORATION VALVE B-25029 AND 1" ADS POTABLE WATER SERVICE PIPE (IPS) SIDR 7 FOR SERVICE LINE.
9. FURNISH AND INSTALL NEW WATER METER BOX, WATER METER LID, NEW WATER METER, 1" ANGLE METER VALVE, AND BALL METER VALVE. CONNECT EXISTING WATER SERVICE LINE TO NEW SERVICE LINE WITH APPROPRIATE FITTINGS. SEE CITY OF VENETA STANDARD DRAWING SHEET C10.
10. POTHOLE EXISTING UTILITY LINE AND AND VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES.
11. PROPOSED WATERLINE TO GO UNDER EXISTING UTILITY LINE. PROVIDE 45° VERTICAL BENDS WITH MECHANICAL RESTRAINT TO ACHIEVE GOING UNDER PROPOSED UTILITY LINE.
12. INSTALL NEW WATER METER WITHIN RIGHT-OF-WAY. REMOVE EXISTING METER FROM PRIVATE PROPERTY AND COORDINATE WITH PROPERTY OWNER ON RECONNECTING SERVICE.
14. CONNECT TO EXISTING WATERLINE.

WATER CONSTRUCTION NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER HANDLING AND DISPOSAL OF ALL ASBESTOS CEMENT PIPE.
2. ALL WATER CONNECTIONS TO EXISTING WATER MAINS SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE PIPE MANUFACTURER AND APPROPRIATE AWWA STANDARDS FOR WATER INSTALLATION.





Branch ENGINEERING inc
Since 1977
civil • transportation
structural • geotechnical
SURVEYING
310 5th Street
Springfield, OR 97477
p: 541.746.0637
www.BranchEngineering.com
Springfield OR | Salem OR

REGISTERED PROFESSIONAL ENGINEER #52996 OREGON FEBRUARY 4, 2005 MICHAEL LANE BRANCH

Digitally signed by M. Lane Branch
Date: 2016.07.12 15:41:40 -07'00'
M. Lane Branch

EXPIRES: DECEMBER 31, 2017

project title:

2ND & 3RD STREET IMPROVEMENTS

CITY OF VENETA
VENETA, OREGON

revisions:
⚠ JULY 12, 2016
ADDENDUM #1

BID SET

date: JUNE 24, 2016
drawn by: MD
designer: MLB
project no: 16-006b

WATERLINE PLAN & PROFILE BROADWAY TO McCUTCHEON

sheet:
C3.1

Z:\2016\16-006b 3rd Street Water Line\Drawings\16-006 3rd Street Water.dwg 7/12/2016 1:49 PM MARISSA

copyright © 2016 Branch Engineering, Inc.

GENERAL NOTES

1. CONSTRUCTION SHALL CONFORM TO THE OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION AND THE OREGON STANDARD DRAWINGS. WHERE VENETA STANDARD DRAWINGS ARE REFERENCED AND APPLICABLE TO THE CONSTRUCTION, VENETA STANDARDS SHALL APPLY.
2. ALL MATERIAL AND EQUIPMENT SHOWN HEREON IS SUBJECT TO REVIEW AND APPROVAL BY THE CITY. THE CONTRACTOR SHALL APPROVE AND PROVIDE THREE COPIES OF CATALOGUE CUT SHEETS FOR ALL MATERIAL AND EQUIPMENT TO BE INSTALLED ON THE PROJECT TO THE CITY ENGINEER. ALLOW A MINIMUM OF 10 DAYS FOR CITY ENGINEER REVIEW OF SUBMITTALS.
3. WORK SHALL NOT BE PERFORMED WITHOUT CITY INSPECTIONS. A MINIMUM 48-HOUR ADVANCE NOTICE OF REQUIRED INSPECTIONS IS REQUIRED.
4. CONTRACTOR SHALL FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER REGARDING THE REQUIREMENTS FOR UTILITY LOCATES (OAR 952-001-0090). COPIES ARE AVAILABLE AT 1-800-332-2344.
5. THE CONTRACTOR SHALL PROTECT AND REPLACE ALL DISTURBED VEGETATION, FENCING AND OTHER IMPROVEMENTS ON PRIVATE PROPERTY.
6. ACCESS TO EXISTING FIRE HYDRANTS SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
7. CONTRACTOR IS EXPECTED TO ACTIVELY ENGAGE IN EROSION CONTROL MEASURES TO MINIMIZE THE TRANSPORT OF SEDIMENT AND SOILS FROM THE CONSTRUCTION SITE. ACTIVE ENGAGEMENT SHALL MEAN THAT ALL EROSION CONTROL METHODS ARE MAINTAINED AND THAT THE FACILITIES ARE ROUTINELY INSPECTED FOR COMPLIANCE WITH ACCEPTED EROSION CONTROL PRACTICES.
8. FOR TREES MARKED FOR PROTECTION CONTRACTOR SHALL PROVIDE ORANGE PROTECTION FENCING AT DRIP LINE OF TREE.
9. CONTRACTOR SHALL KEEP ALL WORK WITHIN ESTABLISHED R-O-W. PRIVATE PROPERTY MAY NOT BE USED FOR MATERIAL STORAGE, EQUIPMENT OR STAGING UNLESS WRITTEN APPROVAL BY THE PROPERTY OWNER IS PROVIDED TO THE CITY.
10. OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER SET FORTH IN OAR 925-001-0090. CALL 1-800-332-2349 TO NOTIFY THE CENTER AT LEAST 2 BUSINESS DAYS, BUT NOT MORE THAN 10 BUSINESS DAYS, BEFORE COMMENCING AN EXCAVATION. TO COMPLY.
11. THE LOCATIONS OF ALL EXISTING UNDERGROUND FACILITIES SHOWN ON THE PLANS ARE BASED ON A FIELD SURVEY AND INFORMATION SUPPLIED BY UTILITY COMPANIES. FIELD VERIFY LOCATIONS, ELEVATIONS, TYPE AND SIZES OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTING NEW PIPING. ADJUST NEW PIPING AS REQUIRED. POTHOLING AND TRENCH EXCAVATION SHALL PRECEDE LAYING OF PIPE TO ALLOW REQUIRED ELEVATION AND ALIGNMENT ADJUSTMENTS TO BE ACCOMPLISHED WITHOUT REWORK. DEFLECT PIPE TO ADJUST ELEVATIONS AND ALIGNMENT WHEN POSSIBLE. ADJUSTMENTS SHALL BE EXPECTED AND CONSIDERED INCIDENTAL. NOTIFY ENGINEER IMMEDIATELY OF ANY CONFLICTS NOT SHOWN ON THE PLANS,
12. KEEP EXISTING UTILITIES IN SERVICE AND PROTECT THEM DURING CONSTRUCTION. WHERE INTERRUPTION OF EXISTING FACILITIES IS REQUIRED, PROVIDE A MINIMUM OF 72 HOURS NOTICE TO OWNER AND THE AFFECTED UTILITY. CONTRACTOR SHALL ARRANGE FOR THE RELOCATION OF ANY UTILITIES IN CONFLICT WITH THE PROPOSED CONSTRUCTION. MAXIMUM ALLOWABLE SHUTDOWN FOR WATER LINES AND SERVICES IS 4 HOURS UNLESS OTHERWISE APPROVED.
13. NOTIFY EACH UNDERGROUND UTILITY AT LEAST 2 DAYS PRIOR TO EXCAVATING, BORING, OR POTHOLING.
14. MAINTAIN ACCESS TO ALL HOMES AND BUSINESSES AT ALL TIMES. PROVIDE WRITTEN NOTICE TO ALL PROPERTY OWNERS AT LEAST 2 BUSINESS DAYS IN ADVANCE OF WORK IN AND/OR CROSSING DRIVEWAYS THAT WILL AFFECT ACCESS.
15. CONTRACTOR SHALL PROTECT ALL PROPERTY CORNERS, SURVEY MONUMENTS AND CONTROL POINTS. REPLACE DAMAGED SURVEY MONUMENTS.
16. PROVIDE TRAFFIC CONTROL IN ACCORDANCE WITH SPECIFICATION SECTION 01570.
17. ALL BENDS 45° OR LESS AND TEE RUNS SHALL HAVE A MINIMUM OF 18 FT OF RESTRAINED PIPE LENGTH ON EACH SIDE OF FITTING UNLESS OTHERWISE NOTED.
18. COMPLY WITH OAR CHAPTER 333 RULES FOR REQUIRED WATERLINE-SEWER LINE SEPARATION AND CROSSING REQUIREMENTS. SEE SPECIFICATION SECTION 02600 FOR PIPE INSTALLATION REQUIREMENTS. CENTER WHOLE WATER PIPE SECTION WHERE THE WATERLINE CROSSES UNDER THE SEWER LINE. EXPOSE THE SEWER PIPE TO THE NEAREST JOINTS FOR INSPECTION. REPAIR ANY SEWER LINES AS DIRECTED.
19. AT THE END OF EACH WORK DAY ALL OPEN TRENCHES SHALL BE BACKFILLED, TEMPORARY PAVED OR AC COLD PATCHED WITHIN STREETS TO THE SATISFACTION OF THE CITY OF VENETA.
20. PROVIDE TEMPORARY CONNECTIONS, BLOWOFFS AND THRUST RESTRAINTS AS REQUIRED TO FACILITATE FLUSHING, TESTING AND DISINFECTION. AT COMPLETION OF DISINFECTION, REMOVE TEMPORARY TEST TAPS AND REPLACE WITH TEMPORARY PLUGS UNTIL CONNECTIONS TO EXISTING FACILITIES ARE COMPLETE.
21. THE CONTRACTOR SHALL COMPLY WITH ALL CITY OF VENETA REQUIREMENTS FOR WORK IN AND RESTORATION OF CITY STREETS AND PUBLIC RIGHT-OF-WAYS.
22. CONCRETE FOR PIPELINE ENCASEMENT, CONCRETE CAP, AND REPAIR OF ANY DAMAGED SIDEWALKS, CURB, OR GUTTERS:
    - 28 DAY COMPRESSIVE STRENGTH 3,000 PSI WHEN CURED AND TESTED IN ACCORDANCE WITH ASTM C31 AND C39
    - COARSE AGGREGATE SIZE: 3/4" MAXIMUM IN ACCORDANCE WITH ASTM C33
    - WATER/CEMENT RATIO: 0.55
    - SLUMP: 3" TO 5"
    - MINIMUM CEMENT CONTENT OR COMBINED CEMENT PLUS FLY ASH: 500 POUNDS PER CUBIC YARD
    - AIR ENTRAINMENT: 4 TO 6% IN ACCORDANCE WITH ASTM C260
    - FLY ASH: ASTM C618, CLASS C OR F
23. PROTECT SURROUNDING AREA OUTSIDE THE TRENCH FROM DAMAGE. CONTRACTOR IS RESPONSIBLE FOR REPAIR OF DAMAGED UTILITY TRENCHES AND ANY ASSOCIATED PAVEMENT REPAIR.
24. PROVIDE PIPE WITH PUSH ON JOINTS UNLESS OTHERWISE NOTED.
25. DEFLECT PIPE AS NEEDED TO MAINTAIN PLAN ALIGNMENT. (MAX 4° DEFLECTION PER STICK OF PIPE)

INSPECTION NOTES

1. CITY WILL CONTRACT WITH A SPECIAL INSPECTOR. CONTRACTOR IS RESPONSIBLE TO COORDINATE SPECIAL INSPECTIONS.
2. COORDINATE PERIODIC CITY INSPECTIONS AND COMPACTION TESTING FOR THE BEDDING, PIPE ZONE BACKFILL, AND TRENCH BACKFILL EVERY 200'.
3. SEE TABLE FOR REQUIRED INSPECTIONS.

WATER CONSTRUCTION NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER HANDLING AND DISPOSAL OF ALL ASBESTOS CEMENT PIPE.
2. ALL WATER CONNECTIONS TO EXISTING WATER MAINS SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE PIPE MANUFACTURER AND APPROPRIATE AWWA STANDARDS FOR WATER INSTALLATION.

REQUIRED INSPECTIONS

ITEM	CITY (PERIODIC)	SPECIAL INSPECTOR
PREPARED SUBGRADE PRIOR TO PLACING ANY BEDDING MATERIAL BELOW PIPE OR VAULTS	X	
COMPACTED BEDDING MATERIAL BELOW PIPE OR VAULTS	X	X
PIPE, VALVE, AND VAULT INSTALLATION PRIOR TO BACK FILLING	X	
COMPACTED PIPE ZONE BACKFILL	X	X
COMPACTED TRENCH ZONE BACKFILL	X	X
EXISTING SEWER PIPE WHERE THE WATER PIPE CROSSES BELOW	X	
COMPACTED TRENCH AND VAULT BACKFILL	X	X
PREPARED ROAD SUBGRADE	X	X
TEMPORARY PAVING	X	
FINAL PAVING	X	

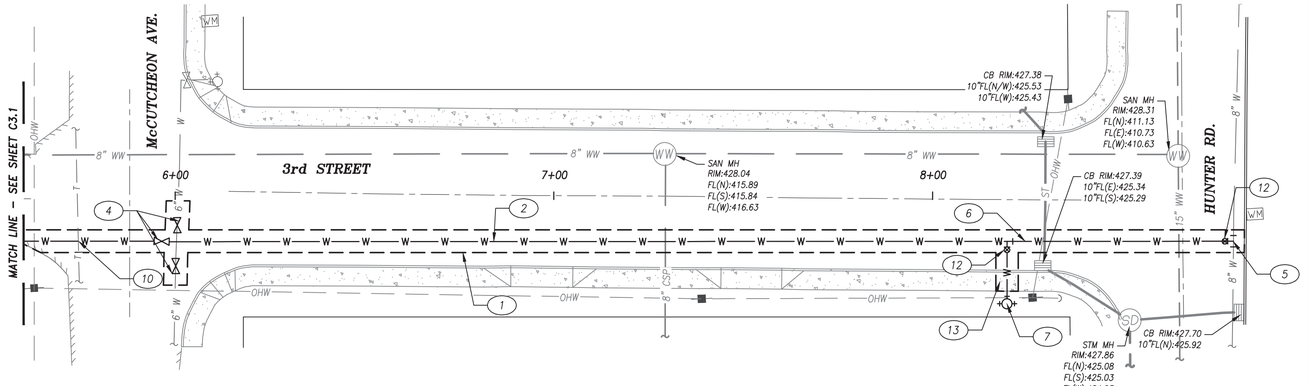
LEGEND

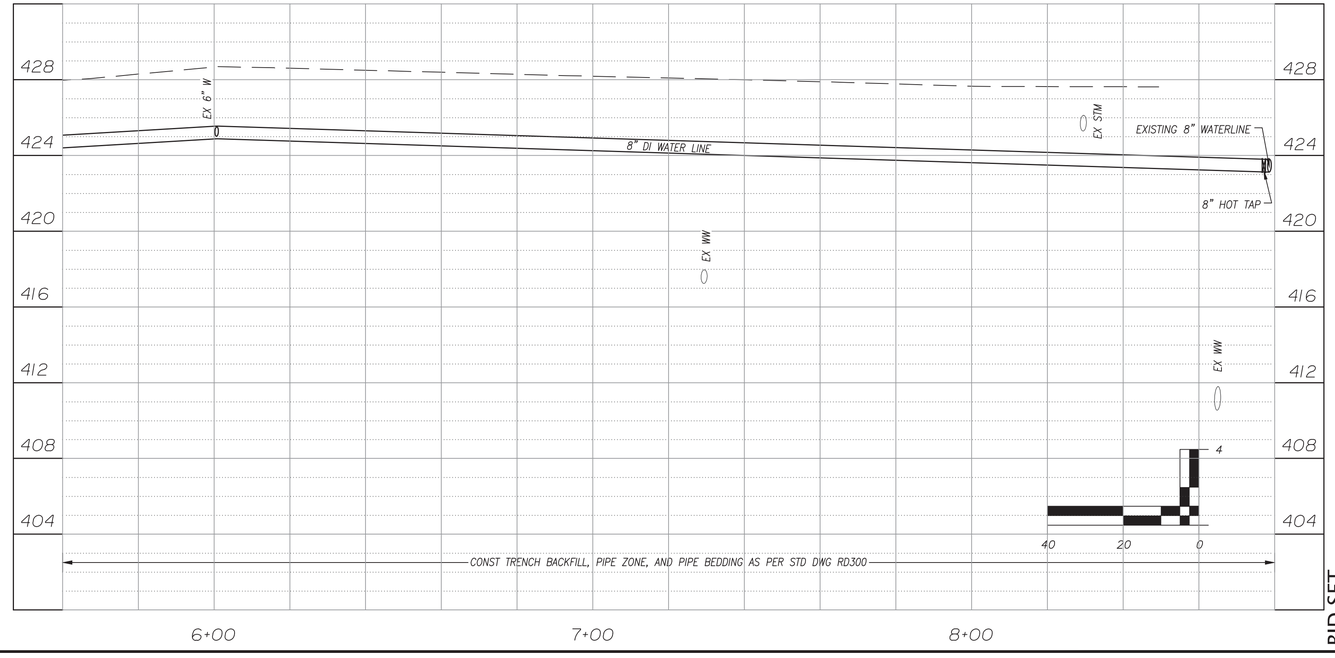
- PROPERTY BOUNDARY LINE
- EXISTING EDGE OF ASPHALT CONCRETE
- CENTERLINE
- ST — EXISTING STORM SEWER
- WW — EXISTING WASTEWATER SEWER
- W — EXISTING WATERLINE
- OHW — EXISTING OVERHEAD LINES
- EXISTING POWER POLE
- EXISTING GUY WIRE
- WM — EXISTING WATER METER
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- EXISTING CONCRETE
- EXISTING CATCH BASIN
- SD — EXISTING STORM WATER MANHOLE
- WW — EXISTING WASTEWATER MANHOLE
- SAWCUT LINE
- W — W — PROPOSED WATER LINE
- PROPOSED WATER VALVE
- PROPOSED FIRE HYDRANT

CONSTRUCTION NOTES

1. SAWCUT AND REMOVE EXISTING PAVEMENT AND REPLACE WITH LIKE MATERIAL PER ODOT STD DWG RD302 (SEE SHEET C5). PROVIDE 3" THICKNESS OF LEVEL 2 ASPHALT FOR PAVEMENT REPLACEMENT, OVER 12" CRUSHED ROCK.
2. CONSTRUCT 8" STANDARD CLASS 52 DUCTILE IRON WATER PIPE. WATERLINE TRENCH PER PER ODOT STANDARD DRAWING RD300. SEE SHEET C10. BACKFILL CLASS "B". DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT PIPE AND MECHANICAL JOINT FITTINGS FOR ALL RESTRAINTS PER AWWA STANDARDS. MINIMUM 30" COVER
3. INSTALL 11.25° MV BEND.
4. CONNECT NEW 8" WATERLINE TO EXISTING AC 6" WATERLINE. INSTALL NEW 8"MJxFL GATE VALVES. RESTRAIN ALL JOINTS.
5. HOT TAP EXISTING 8" ASBESTOS CEMENT WATERLINE WITH TAPING SLEEVE (8"X8" MUELLER WITH MECHANICAL JOINT TAPPING SLEEVE OR APPROVED EQUAL) AND 8" TAPPING VALVE (MUELLER RESILIENT WEDGE TAPPING VALVE OR APPROVED EQUAL). PROVIDE MECHANICAL JOINT THRUST RESTRAINT.
6. FURNISH AND INSTALL 8"X6" TEE. PROVIDE MECHANICAL THRUST RESTRAINT.
7. FURNISH AND INSTALL FIRE HYDRANT ASSEMBLY (MUELLER 5 ¼" A423 SUPER CENTURION "250" WITH TWO HOSE NOZZLES AND ONE PUMPER NOZZLE WITH 4" INTEGRAL STORZ CONNECTION) AND 6" GATE VALVE (MULLER A-2361 RESILIENT WEDGE GATE VALVE). HYDRANT TO BE PAINTED YELLOW WITH APPROVED PAINT. SEE CITY OF VENETA STANDARD DRAWING, SHEET C3.
8. INSTALL NEW 1" SERVICE CONNECTION FROM 8" MAIN TO EXISTING WATER METER. SEE CITY OF VENETA STANDARD DRAWING, SHEET C4. 8" SERVICE SADDLE (ROMAC INDUSTRIES 202N SERVICE SADDLE) FOR PVC WATER MAIN IS REQUIRED. USE 1" MUELLER BALL CORPORATION VALVE B-25029 AND 1" ADS POTABLE WATER SERVICE PIPE (IPS) SIDR 7 FOR SERVICE LINE.
9. FURNISH AND INSTALL NEW WATER METER BOX, WATER METER LID, NEW WATER METER, 1" ANGLE METER VALVE, AND BALL METER VALVE. CONNECT EXISTING WATER SERVICE LINE TO NEW SERVICE LINE WITH APPROPRIATE FITTINGS. SEE CITY OF VENETA STANDARD DRAWING SHEET C4.
10. POTHOLE EXISTING UTILITY LINE AND AND VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES.
11. PROPOSED WATERLINE TO GO UNDER EXISTING STORM LINE. PROVIDE 45° VERTICAL BENDS WITH MECHANICAL RESTRAINT TO ACHIEVE GOING UNDER PROPOSED STORM LINE.
12. FURNISH AND INSTALL WATER VALVE BOX PER VENETA STANDARD DRAWING.
13. REPLACE CONCRETE SIDEWALK SECTION, 4" CONCRETE OVER 4" CRUSHED ROCK PER DETAIL RD720, SHEET C7.

GRAPHIC SCALE
20 0 10 20 40
(IN FEET)





BID SET

Branch ENGINEERING Inc. Since 1977
civil • transportation
structural • geotechnical
SURVEYING
310 5th Street
Springfield, OR 97477
p: 541.746.0637
www.BranchEngineering.com
Springfield OR | Salem OR

REGISTERED PROFESSIONAL ENGINEER #52996 M. Lane Branch OREGON FEBRUARY 8, 2005 MICHAEL LANE BRANCH

Digitally signed by M. Lane Branch
Date: 2016.07.12 15:42:12 -07'00'

EXPIRES: DECEMBER 31, 2017

project title:

2ND & 3RD STREET IMPROVEMENTS

CITY OF VENETA
VENETA, OREGON

revisions:
⚠ JULY 12, 2016 ADDENDUM #1

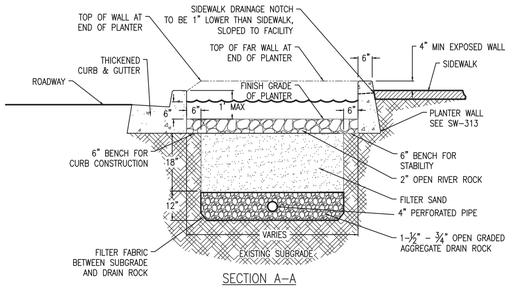
date: JUNE 24, 2016
drawn by: MD
designer: MLB
project no: 16-006b

WATERLINE PLAN & PROFILE McCUTCHEON TO HUNTER

sheet: C3.2

Z:\2016\16-006b 2nd Street Water Line\Drawings\16-006 2nd Street Water.dwg 7/12/2016 2:50 PM MARISSA

copyright © 2016 Branch Engineering, Inc.



SECTION A-A
SAND FILTER

FILTER MEDIUM

Public filter bed medium shall consist of clean medium to fine sand with no organic material, or other deleterious materials and meeting the following gradation:

Sieve Size	Percent Passing
⅜ inch	100
#4	95–100
#8	80–100
#16	45–85
#30	15–60
#50	3–15
#100	<4

VEGETATION

Plantings are optional in Sand Filters. For aesthetic purposes, potted plants may be submerged in the Sand Filter.

DRAINAGE FILTRATION

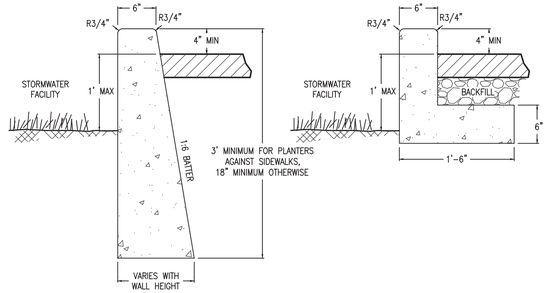
Woven fabric conforming to the following physical properties:

- Minimum grab tensile strength — ASTM Method D-4632 — 110lb
- Minimum puncture strength — ASTM Method D-6241 — 220lb (ODOT)
- Elongation — ASTM Method D-4632 — 50% (ODOT)
- Maximum apparent opening size — ASTM Method D-4751 — No. 40 (ODOT)
- Maximum permittivity — ASTM Methid D-4491 — 0.5^{sec-1} (ODOT)

CONSTRUCTION NOTE

Scarify the native soil following the initial excavation and before installing topsoil of rock.

SAND FILTER
SCALE: N.T.S.



DESIGNER INFORMATION

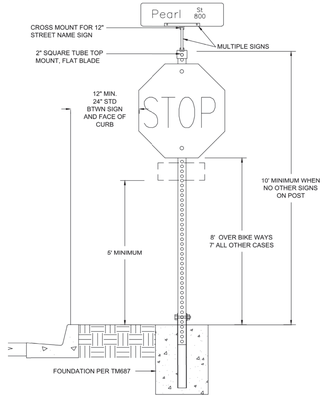
1. Special design considerations or structural review may be required for longer planter wall spans. Steel reinforcement or additional concrete check dams may be needed for stability.
2. Specify one of the above planter wall options based on site conditions.
3. Maintain 1:6 batter for walls and 4" minimum to top of curb
4. If a liner is used with and L-shaped wall, the wall height must be increased. Three inches of concrete is required on all side of the liner attachment (see SW-360)

CONSTRUCTION NOTE

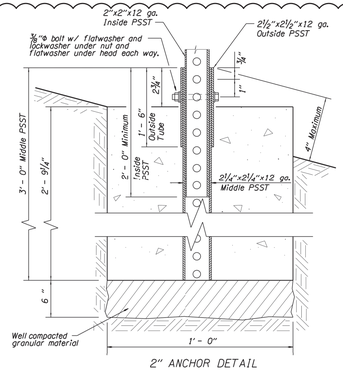
Finish all exposed concrete surfaces.

– DRAWING NOT TO SCALE –

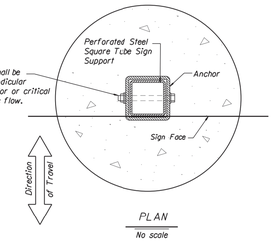
STORMWATER MANAGEMENT MANUAL TYPICAL DETAILS
– Green Streets –
Planter Wall Details
Planters
Bureau of Environmental Services
NUMBER SW–313



GENERAL NOTES:
1. INSTALL TEMPORARY SIGNS ACCORDING TO TM821 ON A 4X4 WOOD POST. DO NOT PLACE POST IN CONCRETE AREAS.
2. LOCATE POST BETWEEN CURB AND SIDEWALK, OR BETWEEN SIDEWALK AND RIGHT OF WAY (FOR CURBSIDE SIDEWALK).
3. NO SIGN SHALL OVERHANG PRIVATE PROPERTY.
4. SPACING FROM TOP MOST SIGN TO TOP OF POST IS 1" MIN., 2" MAX.
5. PERFORATED STEEL SQUARE TUBE 2"x2"x12GA. POSTS SHALL BE USED.
6. SIGNS ≥ 48" REQUIRE 2 SINGLE SIDED BACK TO BACK SIGNS MOUNTED DIRECTLY TO PERFORATED STEEL SQUARE TUBE.
7. ATTACH SIGN(S) TO PSST POST WITH 3/8" DRIVE RIVET AND A 5/16 x 0.875 x 0.062 NYLON STANDARD FLAT WASHER DIRECTLY AGAINST SIGN SHEETING.

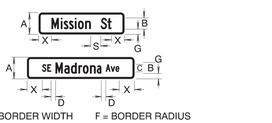


2" ANCHOR DETAIL
No scale



PLAN
No scale

GENERAL NOTES:
1. MATERIAL GRADE FOR BASE HARDWARE CONNECTION SHALL BE ACCORDING TO THE MANUFACTURER'S RECOMMENDATION AND BASED ON CRASH TESTING.
2. ANCHOR STEEL SHALL BE HOT DIPPED GALVANIZED OR APPROVED EQUAL.
3. FOOTING CONCRETE SHALL BE COMMERCIAL GRADE CONCRETE (f'c=3000 psi).
4. THE ESTIMATED CONCRETE VOLUME IS 0.09 CUBIC YARDS.



E = BORDER WIDTH F = BORDER RADIUS
* = USE FOR TEXT INCLUDING LOWER-CASE g, j, p, q and y

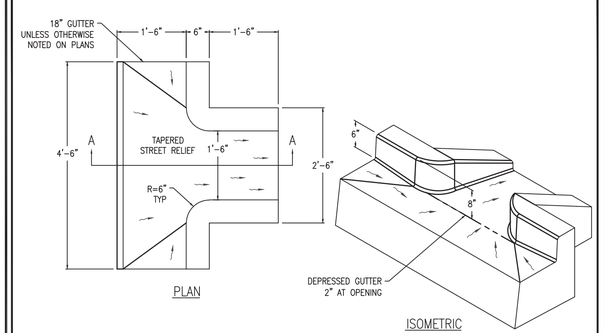
	A	A*	B	C	D	E	F	G	G*
GROUND-MOUNTED SIGN (2-3 LANE HWYS)	12"	15"	6"	4"	2½"	1"	1½"	3"	5"
GROUND-MOUNTED SIGN (4+ LANES AND > 40 MPH)	15"	18"	9"	5"	3½"	1"	1½"	3½"	6"
GROUND-MOUNTED SIGN (LOCAL ROAD, 25 MPH OR LESS)	9"	12"	5"	3"	1⅞"	½"	1½"	2"	4"
MAST ARM MOUNTED SIGN (12" STANDARD)	21"	24"	12"	8"	5"	1"	3"	4½"	7½"
MAST ARM MOUNTED SIGN (10" ALTERNATE)	21"	21"	10"	6"	3¾"	1"	3"	5½"	7"
STACKED LEGEND SIGN (GROUND-MOUNTED)	21"	24"	6"	N/A	N/A	1"	3"	3"	4"
STACKED LEGEND SIGN (MAST ARM MOUNTED)	30"	33"	8"	5"	3½"	1"	3"	3½"	5"

x-Dimension should be approximately the same dimension as the letter Height (H). At a minimum the X-Dimension shall be no less than one-half the letter height (1/2 H)

Sign examples shown here are not drawn to scale, but to illustrate the layout of the legend items.

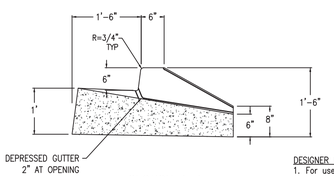
STREET NAME SIGN NOTES:
1. PUBLIC STREETS TO BE TYPE G (GREEN ON WHITE)
2. STREET NAME SIGNS SHALL BE 9" x 24" WITH LETTERING DIMENSIONS PER ODOT STANDARD DETAIL TM223. LONG STREET NAMES MAY REQUIRE LONGER SIGNS.
3. ALL LETTERING SHALL BE CAPITALIZED PER CITY OF VENETA STANDARDS.

STOP SIGN
SCALE: N.T.S.



PLAN

ISOMETRIC

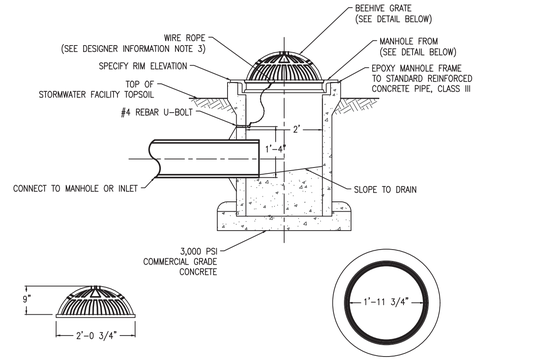


SECTION A–A

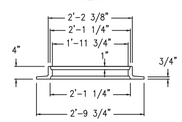
DESIGNER INFORMATION
1. For use with stormwater facilities with side slopes.
2. Refer to Standard Drawing P-540. Match gutter pan of adjacent curb and gutter.
3. Metal Inlet assembly, SW–332, required on high traffic streets.

– DRAWING NOT TO SCALE –

STORMWATER MANAGEMENT MANUAL TYPICAL DETAILS
– Green Streets –
Concrete Inlet with Wingwalls
Curb Inlets
Bureau of Environmental Services
NUMBER SW–330



BEEHIVE GRATE



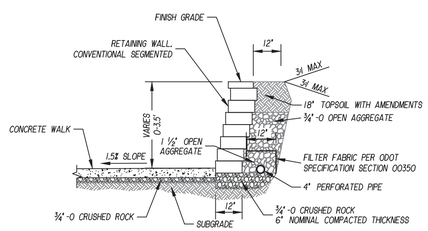
24"x4" REVERSIBLE MANHOLE FRAME

DESIGNER INFORMATION
1. If connecting to a combination sewer main install a flapper valve or approved equal to prevent odor emissions.
2. Size inlet based on calculated flows & manufacturers recommendations.
3. Wire rope between 1/8"-3/16" diameter, stainless steel, 7 strands of 19 wires.

CONSTRUCTION NOTES
1. Secure grate in place with 54" of wire rope. Loop ends of wire rope around U-bolt and grate. Crimp each end of wire rope with 3" overlap.
2. Drill 2" deep holes into pipe and epoxy #4 rebar U-bolt (2"x 4") in holes.
3. Grate to be cast iron, ASTM A48 CL30.

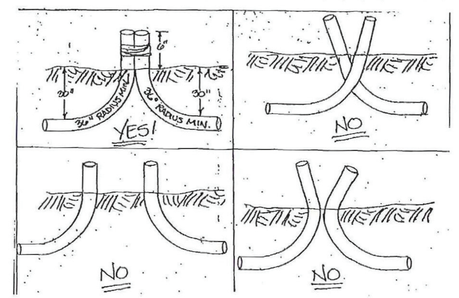
– DRAWING NOT TO SCALE –

STORMWATER MANAGEMENT MANUAL TYPICAL DETAILS
– Green Streets –
Beehive Inlet Grate
Overflow Inlets
Bureau of Environmental Services
NUMBER SW–350

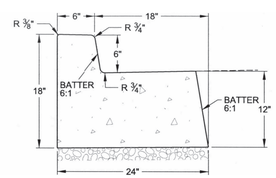


NOTES:
ANCHOR DIAMOND (STRAIGHT FACE STYLE)
DIMENSIONS - 6" x 15 7/8" x 12"
COLOR - GRAY
ANCHOR DIAMOND CAP
DIMENSIONS - 3" x 17 1/4" x 10"
COLOR - GRAY

RETAINING WALL, CONVENTIONAL SEGMENTAL
SCALE: N.T.S.



CONDUIT SWEEP DETAIL
SCALE: N.T.S.



18" THICKENED CURB & GUTTER
SCALE: N.T.S.

Branch ENGINEERING INC
Since 1977
civil • transportation
structural • geotechnical
SURVEYING
310 5th Street
Springfield, OR 97477
p: 541.746.0637
www.BranchEngineering.com
Springfield OR | Salem OR

REGISTERED PROFESSIONAL ENGINEER #52996 OREGON FEBRUARY 6, 2001 MICHAEL LANE BRANCH
Digitally signed by M. Lane Branch
Date: 2016.07.12 15:43:42 -07'00'
EXPIRES: DECEMBER 31, 2017

project title:

2ND & 3RD STREET IMPROVEMENTS

CITY OF VENETA
88184 8TH STREET
VENETA, OREGON

revisions:
⚠ JULY 12, 2016
ADDENDUM #1

date: JUNE 24, 2016
drawn by: MJD/ARS
designer: MLB
project no: 15-006a

DETAILS

BID SET

sheet: C8

Z:\2015\15-006a 2nd & 3rd Street Veneta\Drawings\15-006A 2nd&3rd Street DETAILS.dwg 7/12/2016 1:35 PM MARISSA
copyright © 2015 Branch Engineering, Inc.

LIGHTING CONSTRUCTION NOTES

1. LOCATIONS OF JUNCTION BOXES, CONDUIT, AND POLES ARE APPROXIMATE. ACTUAL LOCATIONS SHALL BE AS DETERMINED IN THE FIELD BY THE ENGINEER.
2. ALL WORK SHALL BE PERFORMED BY AN APPROVED QUALIFIED ELECTRICAL CONTRACTOR.
3. CONTRACTOR SHALL NOT PERFORM ANY WORK WITHOUT INSPECTIONS. CONTACT ENGINEER 48 HOURS PRIOR TO STARTING WORK TO SCHEDULE INSPECTIONS.

(20) INSTALL PARALLEL PARKING STRIPING PER ODOT DETAIL TM503, SHEET C9.

(21) FURNISH AND INSTALL NEW 36"x36" R1-1 STOP SIGN ON PERFORATED STEEL SQUARE TUBE 2"x2"x 12 GA WITH ANCHOR PER DETAILS SHEET C8.

(22) INSTALL 4" YELLOW BROKEN LINE (YB) PER ODOT STANDARD DETAIL TM500, SHEET C9.

(23) INSTALL 1' WHITE STOP BAR (S) PER ODOT STANDARD DETAIL TM503, SHEET C9.

(JB 1) FURNISH AND INSTALL TYPE 1 JUNCTION BOX (MARKED "LIGHTING") WITH CONCRETE APRON. CONFORM TO ODOT STANDARD DRAWING TM472.

(S) FURNISH AND INSTALL (S") SIZE RIGID ELECTRICAL CONDUIT. CONDUIT SHALL BE BURIED 30" MINIMUM FROM FINISHED GRADE. PROVIDE PULL STRING FOR FUTURE USE AND EXTEND/TERMINATE AT FOUNDATIONS.

(FND) CONSTRUCT LIGHT POLE FOUNDATION FOR FUTURE USE. SEE DETAILS SHEET C7. STUB CONDUIT TO NEAREST JUNCTION BOX. PROVIDE SUITABLE BASE/PEDESTAL TO CONCEAL ANCHOR BOLTS AND CONDUIT SWEEPS.

(IX S") INTERCEPT EXISTING SIZE (S") INCH CONDUIT AND EXTEND INTO NEW JUNCTION BOX. INSTALL NEW SWEEPS AND SPLICE CONDUCTOR AS NECESSARY INSIDE JUNCTION BOX AND EXTEND TO EXISTING LIGHTS AS NEEDED.

LEGEND – EXISTING

- PROPERTY/RIGHT OF WAY LINE
- SIGN
- BOLLARD
- POWER POLE
- GUY WIRE
- JUNCTION BOX
- ELECTRIC VAULT
- WATER METER
- WATER VALVE
- CONCRETE
- BUILDING

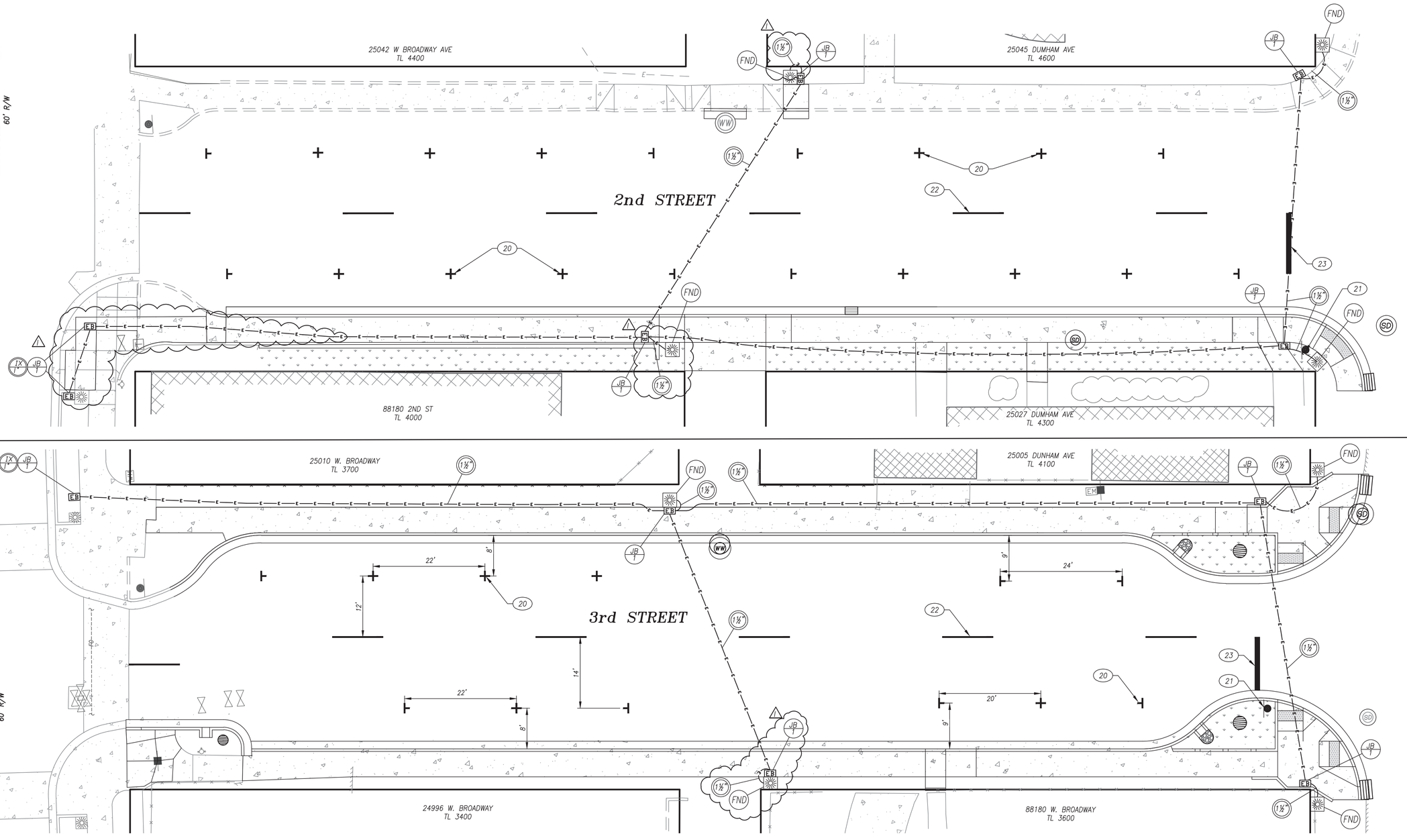
LEGEND – PROPOSED

- CURB
- ELECTRICAL LINE
- LIGHT POLE FOUNDATION
- LIGHTING JUNCTION BOX
- RELOCATED SIGN
- CONCRETE
- PLANTER STRIP/LANDSCAPING

GRAPHIC SCALE

10 0 5 10 20

(IN FEET)



Branch ENGINEERING Inc
Since 1977
civil • transportation
structural • geotechnical
SURVEYING
1462 GOVERNMENT ST. NE
Salem, OR 97301
p: 503.749.0627
www.BranchEngineering.com
Springfield OR | Salem OR

REGISTERED PROFESSIONAL ENGINEER #52996 M. LANE BRANCH OREGON FEBRUARY 4, 1977 MICHAEL LANE BRANCH

Digitally signed by M. Lane Branch
Date: 2016.07.12 15:44:36-07:00

EXPIRES: DECEMBER 31, 2017

project title:

2ND & 3RD STREET IMPROVEMENTS

CITY OF VENETA
88184 8TH STREET
VENETA, OREGON

revisions:
1 JULY 12, 2016 ADDENDUM #1

date: JUNE 24, 2016
drawn by: MD
designer: DH
project no: 15-006a

2ND & 3RD ST LIGHTING, SIGNING & STRIPING PLAN

sheet: E1

BID SET

Z:\2015\15-006a 2nd & 3rd Street Veneta\Drawings\15-006a 3rd Street.dwg 7/12/2016 2:56 PM MARISSA

copyright © 2015 Branch Engineering, Inc.