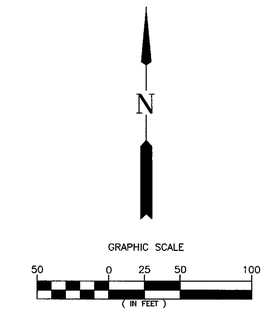
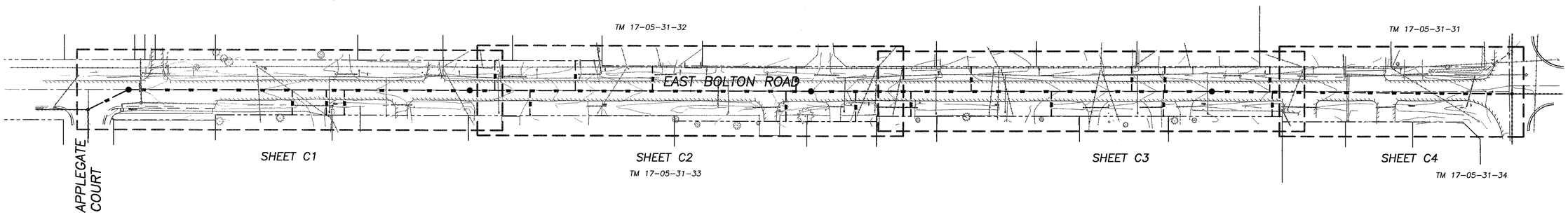


!!CALL BEFORE YOU DIG!!
1-800-332-2344
TWO WORK DAYS
IN ADVANCE OF EXCAVATION

ATTENTION:Oregon law requires you to follow rules adopted by the Oregon Utility Notification Center. Those rules are set forth in OAR 952-001-0010 through OAR 952-001-0090. You may obtain copies of the rules by calling the center.
(Note: the telephone number for the Oregon Utility Notification Center is (503)232-1987).



GENERAL NOTES

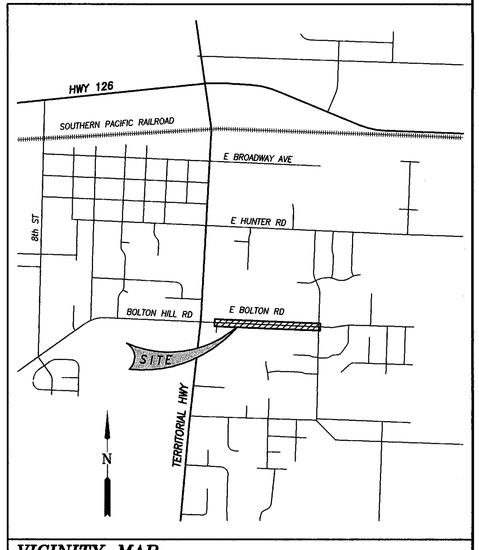
1. CONSTRUCTION SHALL CONFORM TO THE OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION 2008 AND THE OREGON STANDARD DRAWINGS 2008. WHERE VENETA STANDARD DRAWINGS ARE REFERENCED AND APPLICABLE TO THE CONSTRUCTION VENETA STANDARDS SHALL APPLY.
2. ALL MATERIAL AND EQUIPMENT SHOWN HEREON IS SUBJECT TO REVIEW 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. THE FOLLOWING ARE MINIMUM INSPECTION REQUIREMENTS:
   a. TV INSPECTIONS OF ALL SEWER AND DRAINAGE PIPING.
   b. HYDROSTATIC TESTING, DEFLECTION TESTING AND MANHOLE TESTING OF ALL SANITARY SEWER ELEMENTS.
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. CONTRACTOR SHALL PROVIDE AND MAINTAIN ACCESS TO EXISTING RESIDENTS DURING CONSTRUCTION.
7. ACCESS TO EXISTING FIRE HYDRANTS SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
8. 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.
9. ALL MANHOLES SHALL BE 48" INTERIOR DIAMETER. CONSTRUCT PER RD338. ALL MANHOLES SHALL RECEIVE A SEALANT COAT AS SPECIFIED.
10. SANITARY SEWER LATERALS WHERE SHOWN SHALL BE BROUGHT FROM THE SANITARY TEE FITTING AT A MAXIMUM GRADE OF 2% TO THE PROPERTY LINE.
11. FOR TREES MARKED FOR PROTECTION CONTRACTOR SHALL PROVIDE ORANGE PROTECTION FENCING AT DRIP LINE OF TREE.
12. FINAL LOCATION OF ALL LATERALS SHALL BE SET IN THE FIELD AT THE TIME OF CONSTRUCTION. CONTRACTOR MAY NEED TO ADJUST LOCATIONS BASED UPON FINAL FIELD STAKING.
13. 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.

SHEET INDEX

SHEET C0	COVER SHEET
SHEET C1	PLAN AND PROFILE STA 1+00 TO 5+00
SHEET C2	PLAN AND PROFILE STA 5+00 TO 9+00
SHEET C3	PLAN AND PROFILE STA 9+00 TO 13+00
SHEET C4	PLAN AND PROFILE STA 13+00 TO 15+66.66
SHEET C5	DETAILS
SHEET C6	DETAILS

LEGEND

—ST—ST—	STORM SEWER LINE/CULVERT
—SS—SS—	SANITARY SEWER LINE
—W—W—	WATER LINE
—V—V—	OVERHEAD UTILITY LINE
—E—E—	UNDERGROUND ELECTRIC LINE
—T—T—	UNDERGROUND TELEPHONE/CABLE LINE
—X—X—	FENCE
	MAILBOX STAND



VICINITY MAP NOT TO SCALE

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REGISTERED PROFESSIONAL ENGINEER #52996 OREGON FEBRUARY 8, 2011 MICHAEL LANE BRANCH

Expires: December 31, 2015

project title:

EAST BOLTON ROAD SANITARY SEWER IMPROVEMENTS

VENETA, LANE COUNTY, OREGON

revisions:

date:	APR. 29, 2015
drawn by:	ARS
designer:	NP
project no:	14-006b

COVER SHEET

sheet: C0

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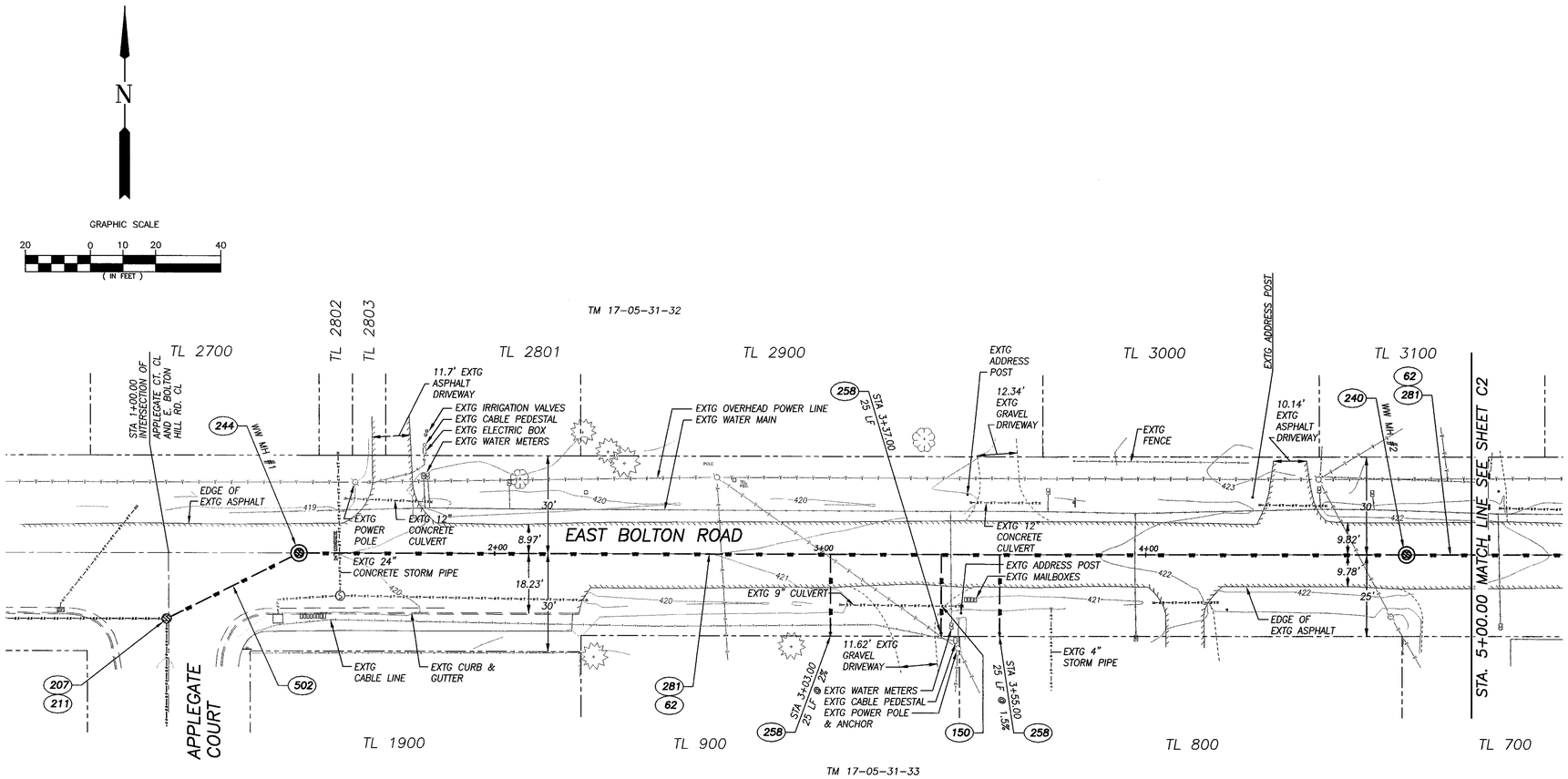
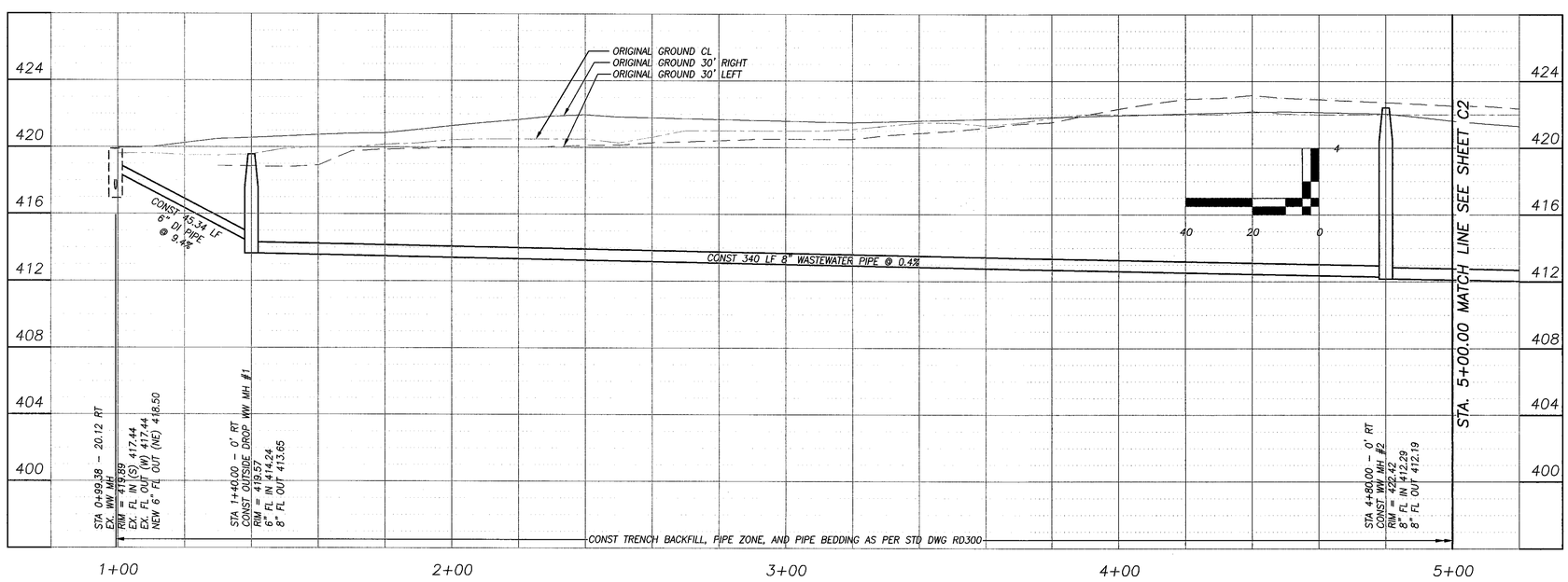


CONSTRUCTION NOTES

- **62** SAWCUT AND REMOVE EXISTING PAVEMENT AND REPLACE WITH LIKE MATERIAL PER ODOT STD DWG RD302 (SEE SHEET C5). EXISTING PAVEMENT DEPTH IS 3 INCHES, PROVIDE AN ADDITIONAL 1 INCH OF PAVEMENT FOR PAVEMENT REPLACEMENT.
- **150** PROTECT OR REPLACE EXISTING CULVERT AS NEEDED. COORDINATE INSTALLATION WITH CITY INSPECTOR.
- **207** CUT INTO EXISTING MANHOLE
- **211** SEAL EXISTING MANHOLE
- **240** CONST STD WASTEWATER MANHOLE SEE ODOT STD DWG RD338 (SEE SHEET C5)
- **244** CONST OUTSIDEDROP WASTEWATER MANHOLE SEE ODOT STD DWG RD352 (SEE SHEET C6)
- **258** CONST STD SINGLE SEWER LATERAL AND CLEANOUT WITH 6" PIPE PER CITY STD DWG V309 (SEE SHEET C5)
- **281** CONST STD 8" PVC WASTEWATER PIPE, BACKFILL CLASS "B" PER ODOT STD DWG RD300 (SEE SHEET C5)
- **502** CONST STD 6" DUCTILE IRON PIPE, TRENCH AND BACKFILL PER ODOT STD DWG RD300 (SEE SHEET C5)



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REGISTERED PROFESSIONAL ENGINEER #52996 OREGON FEBRUARY 9, 2010 MICHAEL LANE BRANCH

Expires: December 31, 2015

project title:

EAST BOLTON ROAD SANITARY SEWER IMPROVEMENTS

VENETA, LANE COUNTY, OREGON

revisions:

date:	APR. 29, 2015
drawn by:	ARS
designer:	NP
project no:	14-006b

PLAN AND PROFILE STA 1+00 TO STA. 5+00

sheet: **C1**

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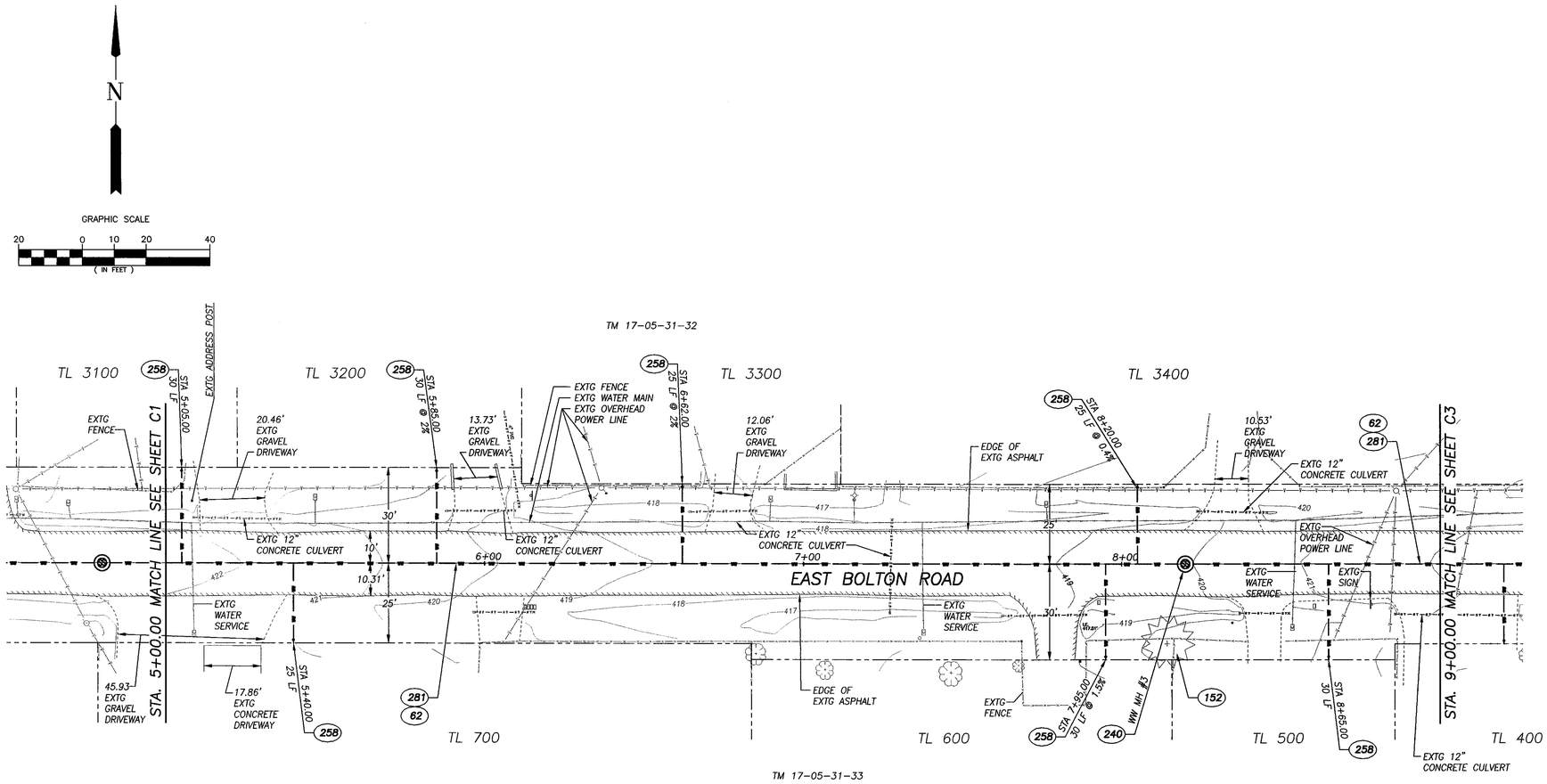


CONSTRUCTION NOTES

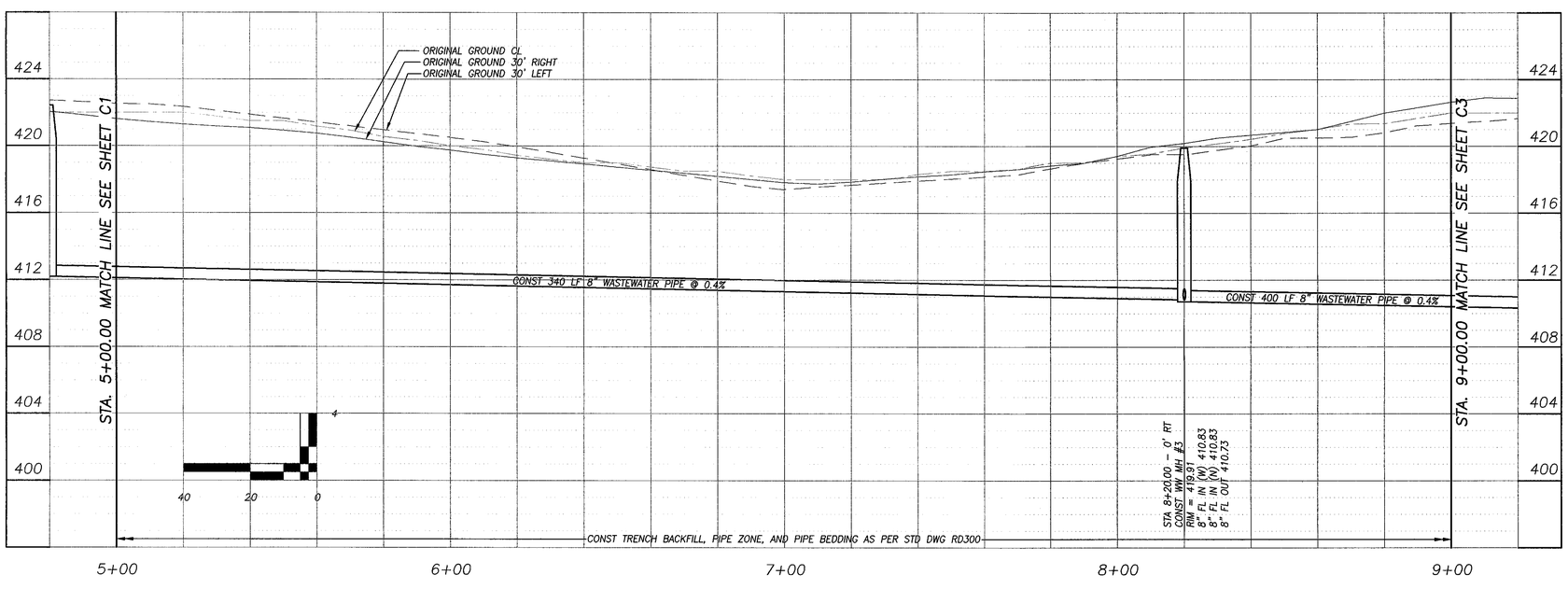
62 SAWCUT AND REMOVE EXISTING PAVEMENT AND REPLACE WITH LIKE MATERIAL PER ODOT STD DWG RD302 (SEE SHEET C5). EXISTING PAVEMENT DEPTH IS 3 INCHES, PROVIDE AN ADDITIONAL 1 INCH OF PAVEMENT FOR PAVEMENT REPLACEMENT.

152 PROTECT TREE

240 CONST STD WASTEWATER MANHOLE SEE ODOT STD DWG RD338 (SEE SHEET C5)

258 CONST STD SINGLE SEWER LATERAL WITH 6" PIPE PER CITY STD DWG V309 (SEE SHEET C5)

281 CONST STD 8" PVC WASTEWATER PIPE, BACKFILL CLASS "B" PER ODOT STD DWG RD300 (SEE SHEET 5)



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REGISTERED PROFESSIONAL ENGINEER #52996 OREGON FEBRUARY 8, 2000 MICHAEL LANE BRANCH

Expires: December 31, 2015

project title:

EAST BOLTON ROAD SANITARY SEWER IMPROVEMENTS

VENETA, LANE COUNTY, OREGON

revisions:

date: APR. 29, 2015
drawn by: ARS
designer: NP
project no: 14-006b

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STA 5+00 TO STA. 9+00

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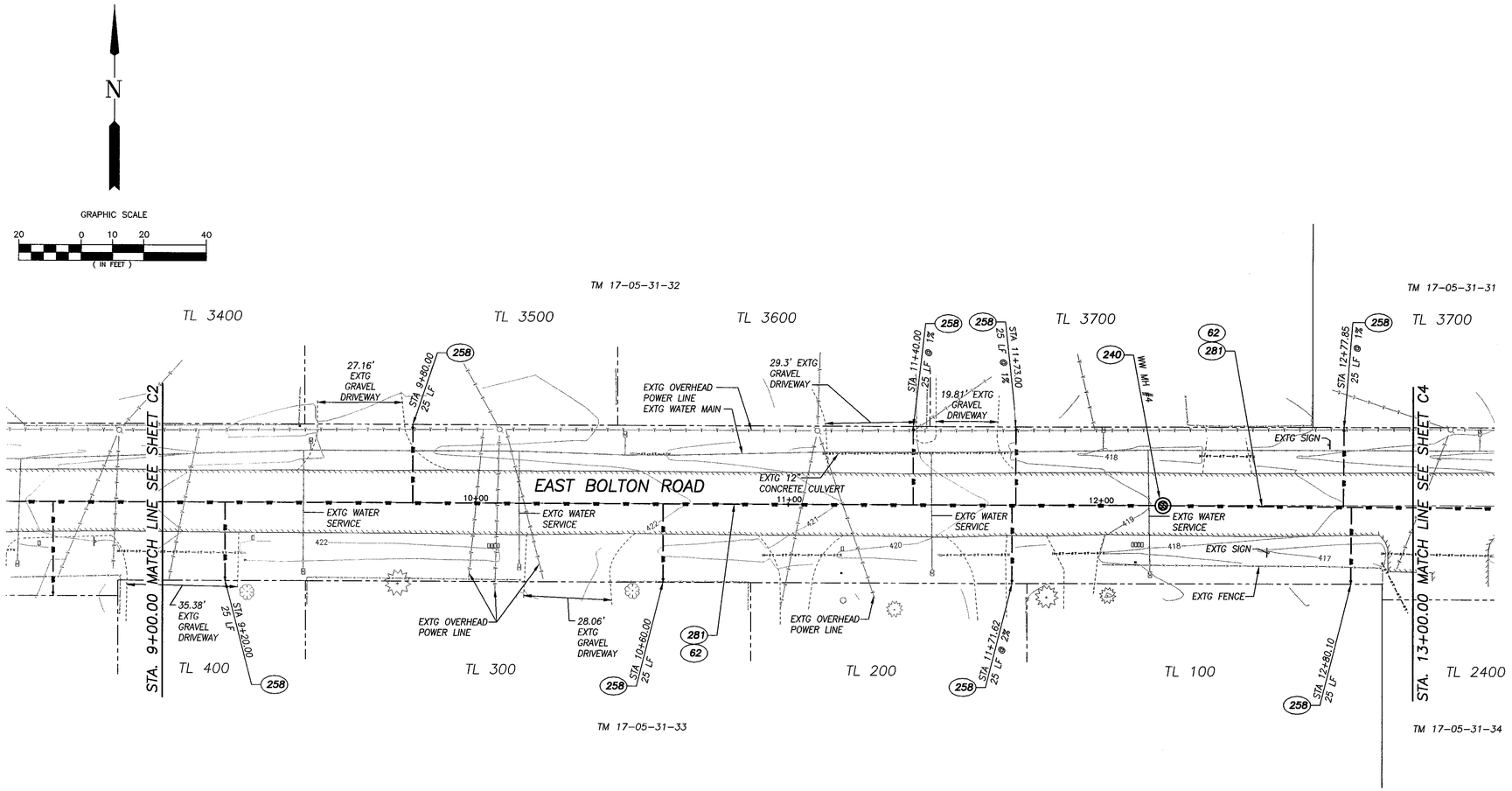

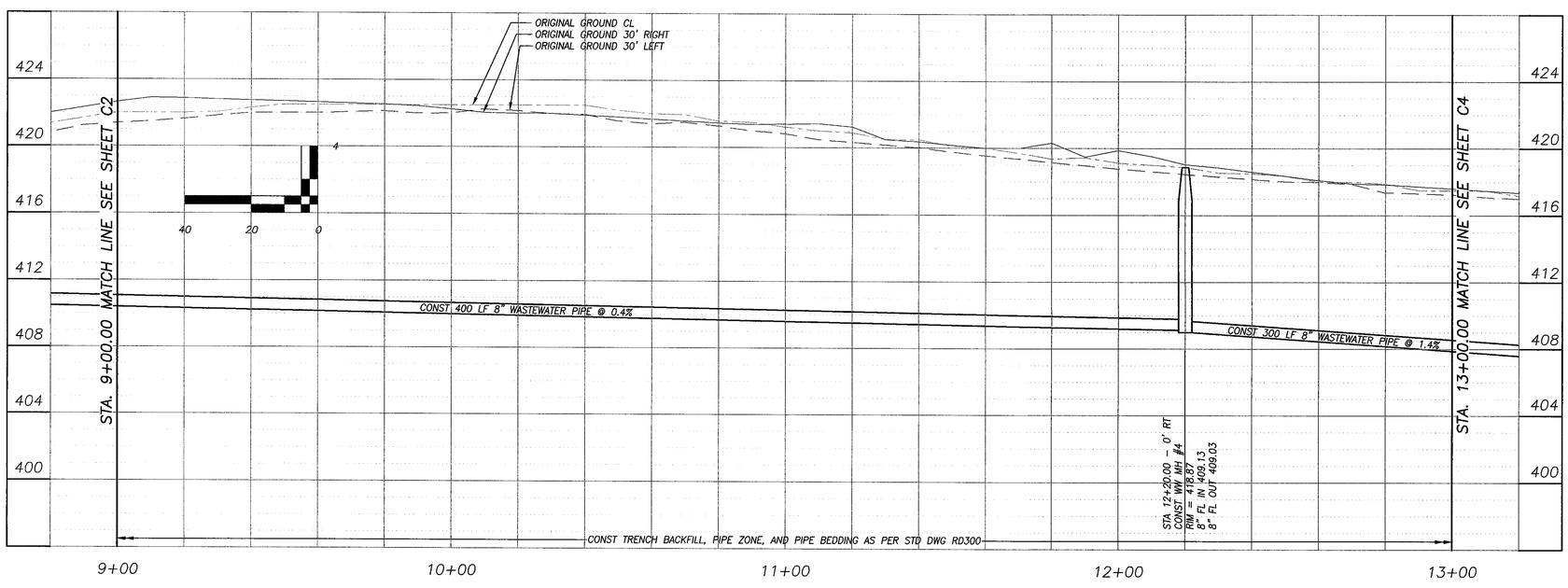

CONSTRUCTION NOTES

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REGISTERED PROFESSIONAL ENGINEER #52996 OREGON FEBRUARY 8, 2006 MICHAEL LANE BRANCH

Expires: December 31, 2015

project title:

EAST BOLTON ROAD SANITARY SEWER IMPROVEMENTS

VENETA, LANE COUNTY, OREGON

revisions:

date:	APR. 29, 2015
drawn by:	ARS
designer:	NP
project no:	14-006b

PLAN AND PROFILE
STA 9+00 TO STA. 13+00

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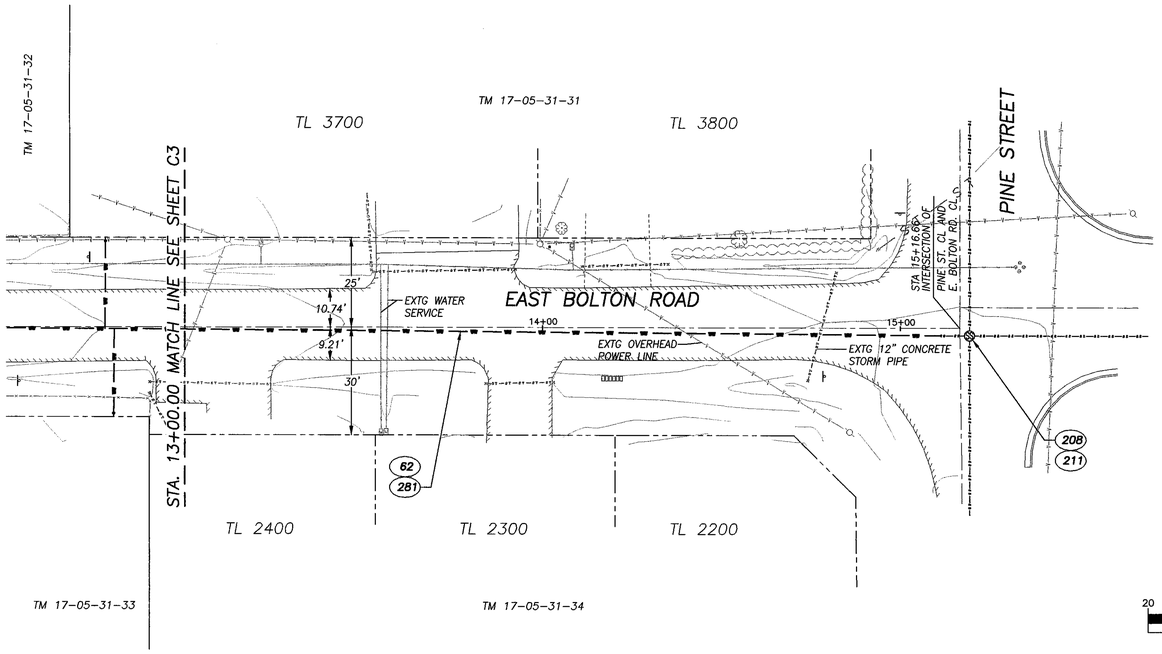
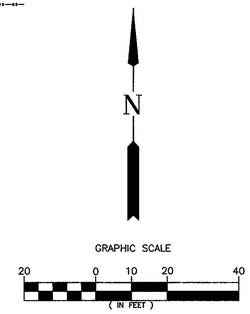




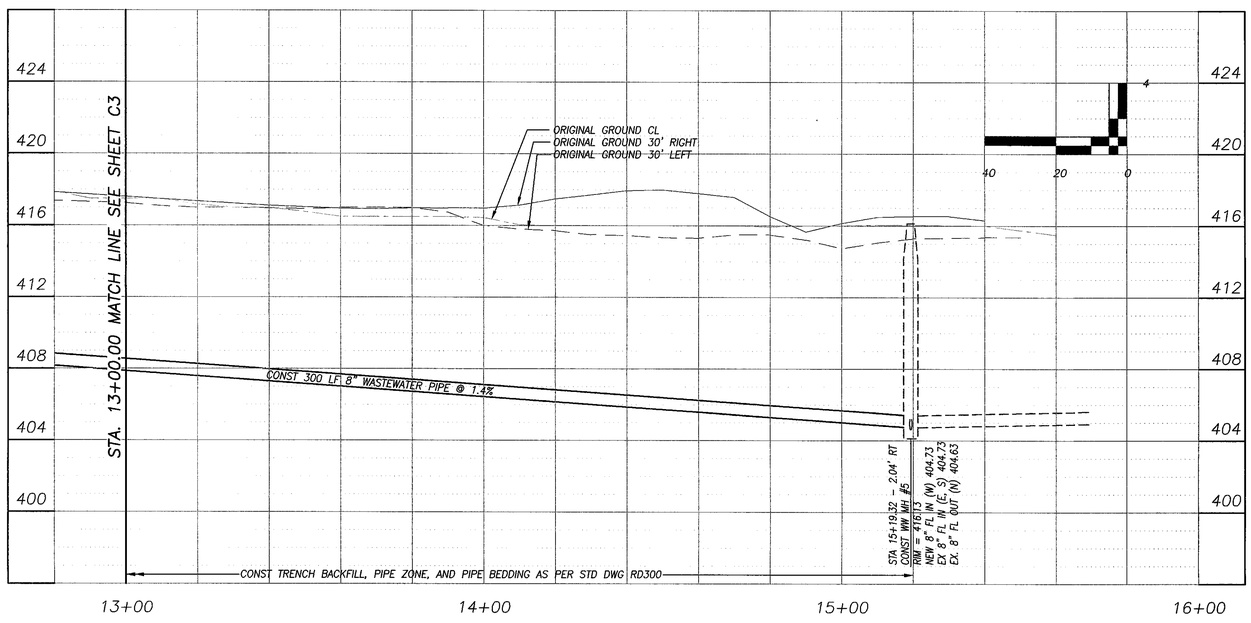
CONSTRUCTION NOTES

62 SAWCUT AND REMOVE EXISTING PAVEMENT AND REPLACE WITH LIKE MATERIAL PER ODOT STD DWG RD302 (SEE SHEET C5). EXISTING PAVEMENT DEPTH IS 3 INCHES, PROVIDE AN ADDITIONAL 1 INCH OF PAVEMENT FOR PAVEMENT REPLACEMENT.

208 CONNECT TO EXISTING PIPE AT GRADE WITH FERCO STYLE COUPLING

211 SEAL EXISTING MANHOLE

281 CONST STD 8" PVC WASTEWATER PIPE, BACKFILL CLASS "B" PER ODOT STD DWG RD300 (SEE SHEET C5)



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REGISTERED PROFESSIONAL ENGINEER #52996 OREGON FEBRUARY 9, 2010 MICHAEL LANE BRANCH

Expires: December 31, 2015

project title:

EAST BOLTON ROAD SANITARY SEWER IMPROVEMENTS

VENETA, LANE COUNTY, OREGON

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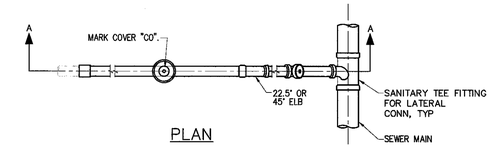
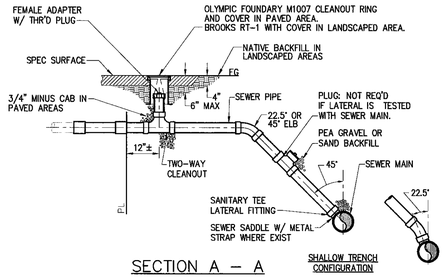


PLAN



SECTION A – A

NOTES:

1. ALL CLEANOUT MATERIAL SAME AS CARRIER PIPE.
2. PIPE & FITTING SHALL BE COMPATIBLE. ONLY MANUFACTURER'S FITTING SHALL BE USED.
3. CLEANOUT REQUIRED FOR ALL NEW CONECTIONS & LATERAL REPLACEMENTS.
4. WHERE DEEP CONNECTION IS AT AN ANGLE LESS THAN 45° FROM VERTICAL DUCTILE IRON PIPE & FITTINGS SHOULD BE USED.
5. PRESSURE TEST TO PROPERTY LINE REQUIRED.
6. CLEANOUTS ARE NOT ALLOWED IN SIDEWALK. LOCATE CLEANOUTS 1' MIN. BEHIND SIDEWALK.

WEBER ELLIOTT ENGINEERS, P.C. Eugene, OR	CITY OF VENETA STANDARD DRAWING	
City of Veneta	SINGLE SEWER LATERAL	V309
	NTS / NOVEMBER 2007	

rd300.dgn 14-JUL-2014

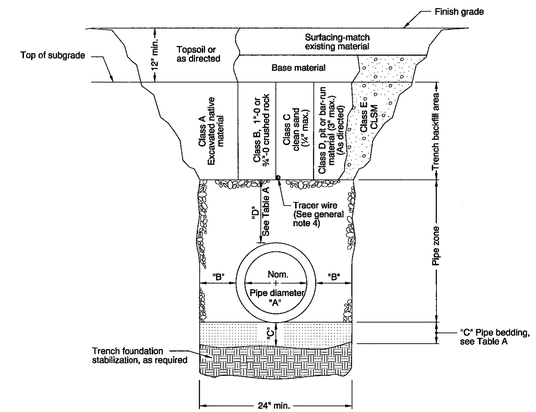


TABLE A

"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.

MULTIPLE INSTALLATIONS

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

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

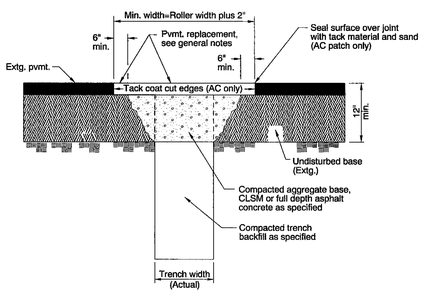
2015

DATE	REVISION DESCRIPTION

RD300

Effective Date: June 1, 2015 - November 30, 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-2008

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

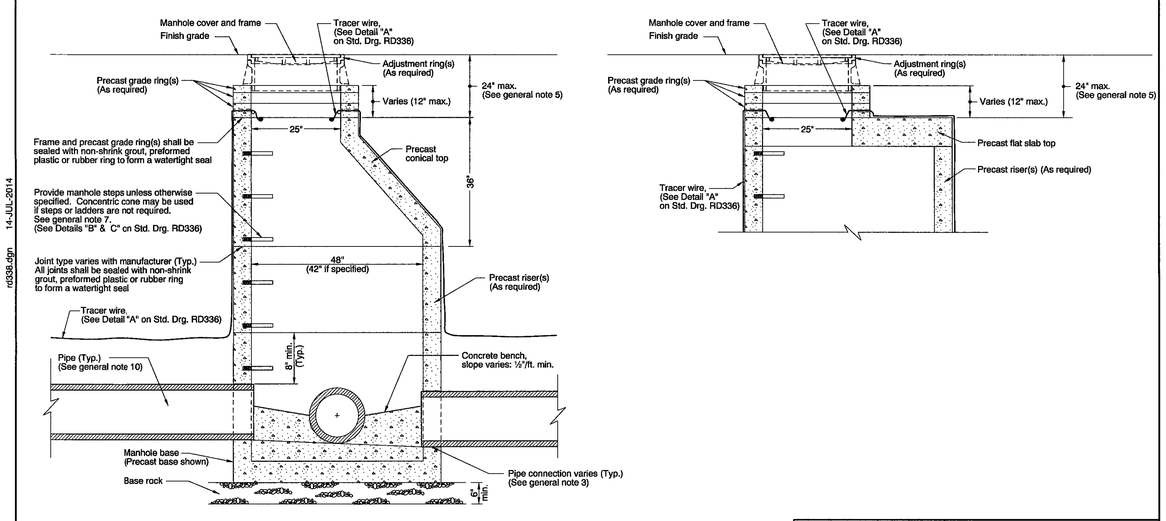
2015

DATE	REVISION DESCRIPTION

RD302

Effective Date: June 1, 2015 - November 30, 2015 RD302

rd338.dgn 14-JUL-2014



GENERAL NOTES FOR ALL DETAILS:

1. All precast products shall conform to requirements of ASTM C478.
2. Standard precast manhole section diameter shall be 48". Use 42" if specified by the Engineer.
3. See Std. Drg. RD345 for pipe to manhole connections.
4. See Std. Drg. RD344 for manhole base section.
5. Adjust 24" maximum.
6. All connecting pipes shall have a tracer wire, or approved alternate.
7. See Std. Drg. RD337 for manhole safety ladder.
8. See Std. Drg. RD336 for details not shown.
9. See Std. Drg. RD356 for manhole covers and frames, manhole adjustment rings, etc.
10. Max. pipe diameter varies with pipe material.
11. See Std. Drg. RD342 for shallow manholes.
12. Location, elevation, diameter, slope, and number of pipe(s) varies, see project plans.
13. This detail limited to interior drop of 24".
    See Std. Drgs. RD350 or RD352 for drop manhole details for drops in excess of 24".

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

STANDARD SANITARY SEWER MANHOLE

2015

DATE	REVISION DESCRIPTION

RD338

Effective Date: June 1, 2015 - November 30, 2015 RD338

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REGISTERED PROFESSIONAL ENGINEER #52996 OREGON FEBRUARY 8, 2011 MICHAEL LANE BRANCH

Expires: December 31, 2015

project title:

EAST BOLTON ROAD SANITARY SEWER IMPROVEMENTS

VENETA, LANE COUNTY, OREGON

revisions:

date:	APR. 29, 2015
drawn by:	ARS
designer:	NP
project no:	14-006b

DETAILS

sheet: C5

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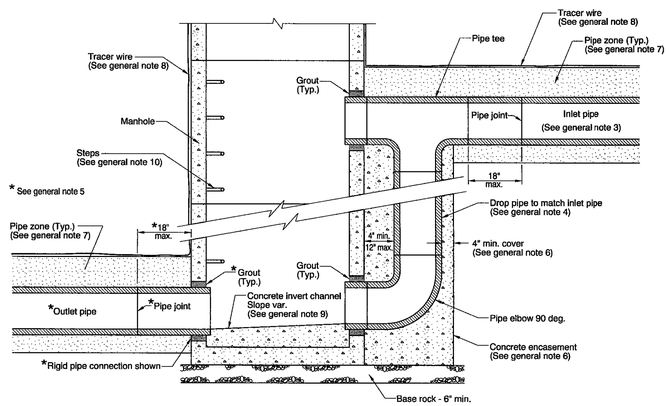
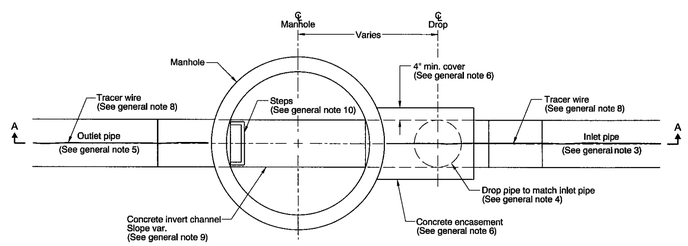
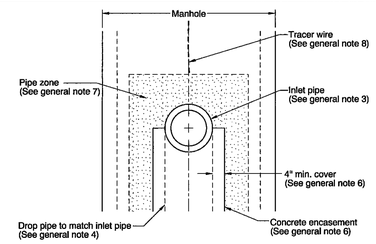


SECTION A-A



PLAN



END VIEW

GENERAL NOTES FOR ALL DETAILS:

1. See appropriate manhole standard drawings for details not shown.
2. Location, elevation, diameter, slope, and number of pipe(s) varies, see project plans. Only 1 outside drop pipe allowed per manhole. See project plans for pipe material.
3. Inlet pipe may be rigid or flexible, maximum diameter 18". The connecting pipe shall have a flexible, gasketted and unrestrained joint within 18" of pipe tee, as shown. Joint type varies with manufacturer.
4. Drop pipe, tee, and elbow to match inlet pipe.
5. Rigid pipe connection shown. Outlet pipe(s) may be rigid or flexible, see project plans. Max. outlet pipe diameter varies with pipe material. See Std. Drg. RD345 for pipe to manhole connections.
6. Concrete encasement shall be commercial grade concrete. Provide 4" minimum cover over outer most parts of pipe and fittings.
7. Pipe zone varies, see Std. Drg. RD300.
8. All connecting pipes shall have a tracer wire, or approved alternate. See Std. Drg. RD336 for tracer wire details.
9. Invert channels shall be constructed to provide smooth slopes and radii to outlet pipe.
10. See Std. Drg. RD336 for manhole steps details.

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

OUTSIDE DROP MANHOLES

2015

DATE	REVISION DESCRIPTION

Effective Date: June 1, 2015 - November 30, 2015 RD352

RD352

rd352.dgn 14-JUL-2014

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VENETA, LANE COUNTY, OREGON

revisions:

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