SW ROSE BIGGI EXTENSION
WESTGATE DRIVE
STREET IMPROVEMENT
PLANNING DOCUMENTS

CITY OF BEAVERTON
PUBLIC UTILITY IMPROVEMENT

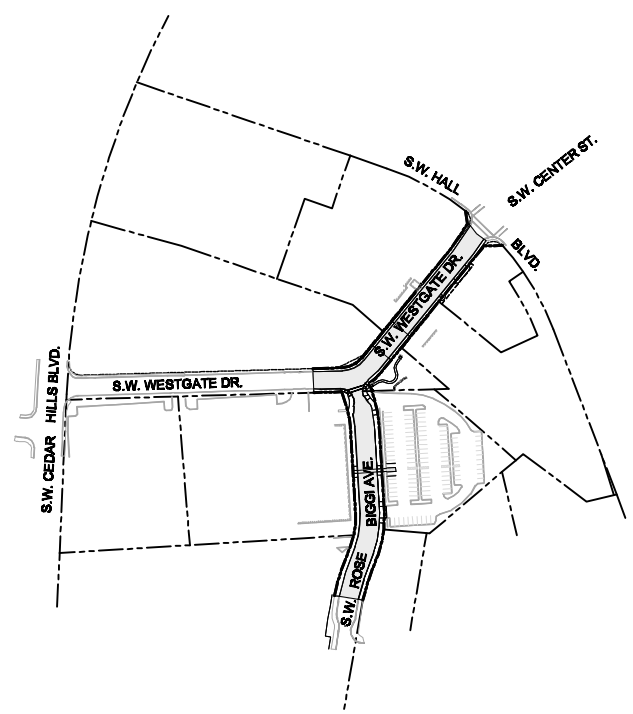
ABBREVIATIONS & SYMBOLOGY

	EXISTING	PROPOSED
WATER VALVE	WV	WV
WATER METER	WM	WM
HYDRANT		
FDC	FDC	FDC
BLOW OFF		
HOSE BIB		
AIR RELEASE		
WATER VAULT	WV	W
WELL	W	W
REDUCER		
THRUST BLOCK		
UTILITY POLE		
GUY WIRE		
ELECT. VAULT	E	E
TEL MANHOLE	T	T
TEL VAULT	TV	TV
TEL PEDESTAL	TP	TP
CABLE RISER	C	C
GAS METER	G	G
GAS RISER	G	G
GAS VALVE		
LIGHT		
SIGNAL	S	S
JUNCTION BOX	J	J
STREET LIGHT		
POWER METER	PM	PM
SAN CLEANOUT	CO	CO
SANITARY MANHOLE	S	S
STORM CLEANOUT	CO	CO
STORM MANHOLE	D	D
CATCH BASIN		
DECID TREE		
CONFIR TREE		
SIGN		
MAILBOX	M	M
BOLLARD		
BARRICADE		

	EXISTING	PROPOSED
CABLE TV	CATV	CATV
POWER	E	E
FIBER OPTICS	FO	FO
GAS	GAS	GAS
TELEPHONE	T	T
STORM	SD	SD
WATER	W	W
SANITARY	SAN	SAN
RIGHT OF WAY	R/W	R/W
CL ROW		
PROP LINE		

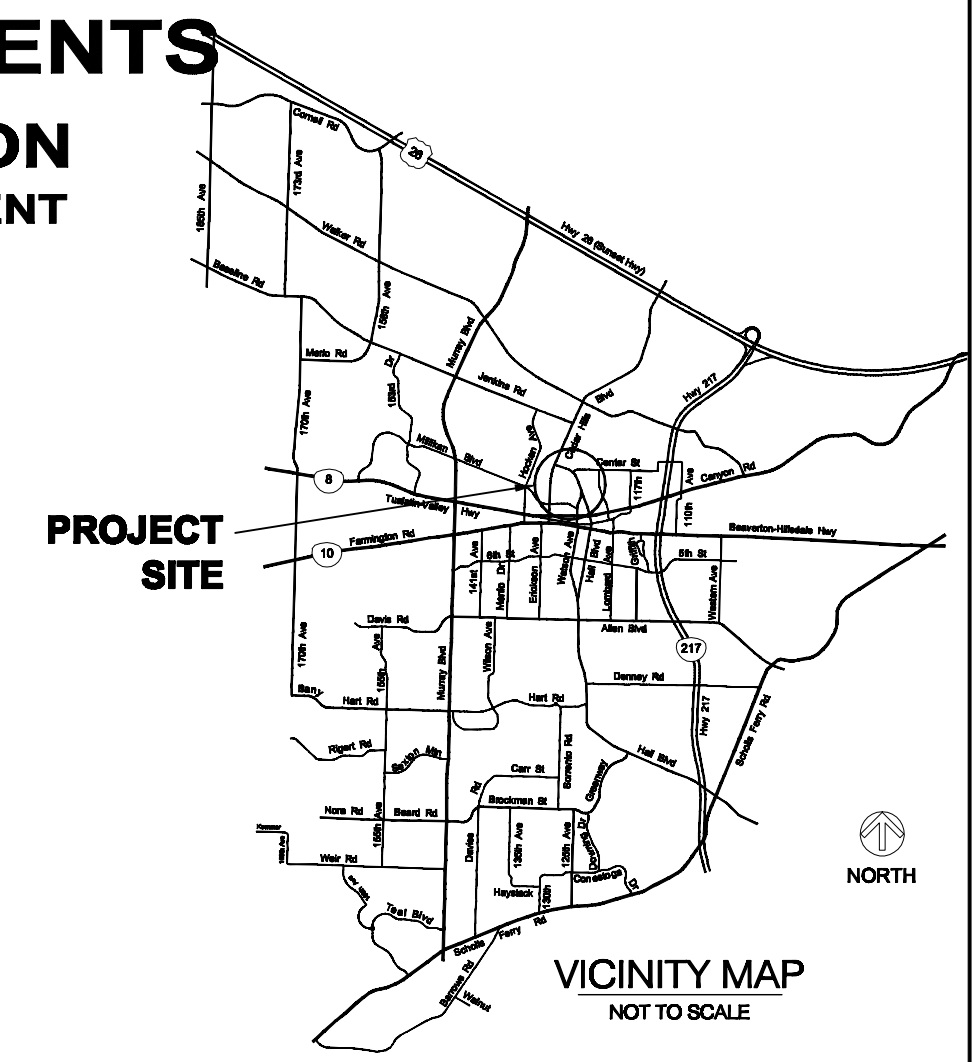
AC	ASPHALTIC CONCRETE
AD	ALGEBRAIC DIFFERENCE
ADA	AMERICANS WITH DISABILITIES ACT
APPROX	APPROXIMATELY
APPVD	APPROVED
APWA	AMERICAN PUBLIC WORKS ASSOCIATION
ASSY	ASSEMBLY
AWWA	AMERICAN WATER WORKS ASSOCIATION
BFV	BUTTERFLY VALVE
BO	BLOW OFF
BVCE	BEGIN VERTICAL CURVE ELEVATION
BVCS	BEGIN VERTICAL CURVE STATION
C.O.B.	CITY OF BEAVERTON
CB	CATCH BASIN
CI	CAST IRON
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
CONC	CONCRETE
CPLG	COUPLING
CU	COPPER
CWS	CLEAN WATER SERVICES
DEFL	DEFLECT
DTL	DETAIL
DI	DUCTILE IRON
DIA	DIAMETER
EG	EXISTING GRADE
EL, ELEV	ELEVATION
EP	EDGE OF PAVEMENT
EQ	EQUAL
ESMT	EASEMENT
EVCE	END VERTICAL CURVE ELEVATION
EVCS	END VERTICAL CURVE STATION
EX, EXTG	EXISTING
FG	FINISHED GROUND
FITG	FITTING
FH	FIRE HYDRANT
FLEX	FLEXIBLE
FLG	FLANGE
FLR	FLOOR
FL	FLOW LINE
G	GAS
GALV	GALVANIZED
GB	GRADE BREAK
GR	GRADE
GV	GATE VALVE
HDPE	HIGH DENSITY POLYETHYLENE
HYD	HYDRANT
IE	INVERT ELEVATION
IP	IRON PIPE
IR	IRON ROD
JT	JOINT
K	RATE OF CURVATURE
LAT	LATERAL
LF	LINEAL FEET
LS	LONG SLEEVE
LT	LEFT
LVC	LENGTH OF VERTICAL CURVE
MAX	MAXIMUM
MATL	MATERIAL
MECH	MECHANICAL
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MJ	MECHANICAL JOINT
NIC	NOT IN CONTRACT
OC	ON CENTER
OD	OUTSIDE DIAMETER
P	POWER
PRV	PRESSURE REDUCING VALVE
PT	POINT
PVI	POINT OF VERTICAL INTERSECTION
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
R/W	RIGHT-OF-WAY
RCP	REINFORCED CONCRETE PIPE
RDCR	REDUCER
REINF	REINFORCE(D) (ING) (MENT)
REQ'D	REQUIRED
RESTR	RESTRAINED
RIM	RIM ELEVATION
RT	RIGHT
S/W	SIDEWALK
SAN	SANITARY SEWER
SCHED, SCH	SCHEDULE
SD	STORM DRAIN
SLV	SLEEVE
SS	SANITARY SEWER
STA	STATION
STL	STEEL
TB	THRUST BLOCK
TBC	TOP BACK CURB
TFC	TOP FACE CURB
T, TEL	TELEPHONE
TEMP	TEMPORARY
THRD	THREAD(ED)
TYP	TYPICAL
UNK	UNKNOWN
VLV	VALVE
W	WATER

CITY OF BEAVERTON DATUM AND NAD 83



PROJECT VICINITY MAP

NORTH



VICINITY MAP
NOT TO SCALE

POTENTIAL UNDERGROUND FACILITY OWNERS

DIG SAFELY

CALL THE OREGON ONE-CALL CENTER
1-800-332-2344

EMERGENCY TELEPHONE NUMBERS

NW NATURAL GAS	
M-F 7am-5pm	503-226-4211 EXT.4313
AFTER HOURS	503-226-4211
PGE	503-464-7777
QWEST	1-800-573-1311
VERIZON	1-800-483-1000

NOTICE TO EXCAVATORS:

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).

SHEET INDEX

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2	EXISTING CONDITIONS PLAN
3	SITE PLAN, LOT INFO, & PRE-PLAT
4	ROSE BIGGI PLAN & PROFILE
5	WESTGATE PLAN & PROFILE SHEET 1
6	WESTGATE PLAN & PROFILE SHEET 2
7	GRADING PLAN
8	WALL PLAN AND PROFILES
9	OVERALL UTILITY PLAN
10	LANDSCAPE PLAN
11	STREET TREE AND LIGHTING PLAN

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4755 S.W. Griffith Drive
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REVISIONS / RELEASES
NO. DATE DESCRIPTION

FOR INFORMATION ONLY

SW ROSE BIGGI EXTENSION & WESTGATE DRIVE STREET IMPROVEMENTS

TITLE SHEET

PLANNING DOCUMENTS

DESIGNED BY: AB
DRAWN BY: AB
CHECKED BY:
APPROVED BY:
PROJECT NO: 3316
DATE: 9-11-09

CITY OF BEAVERTON
Public Works Department
Engineering/Traffic Division

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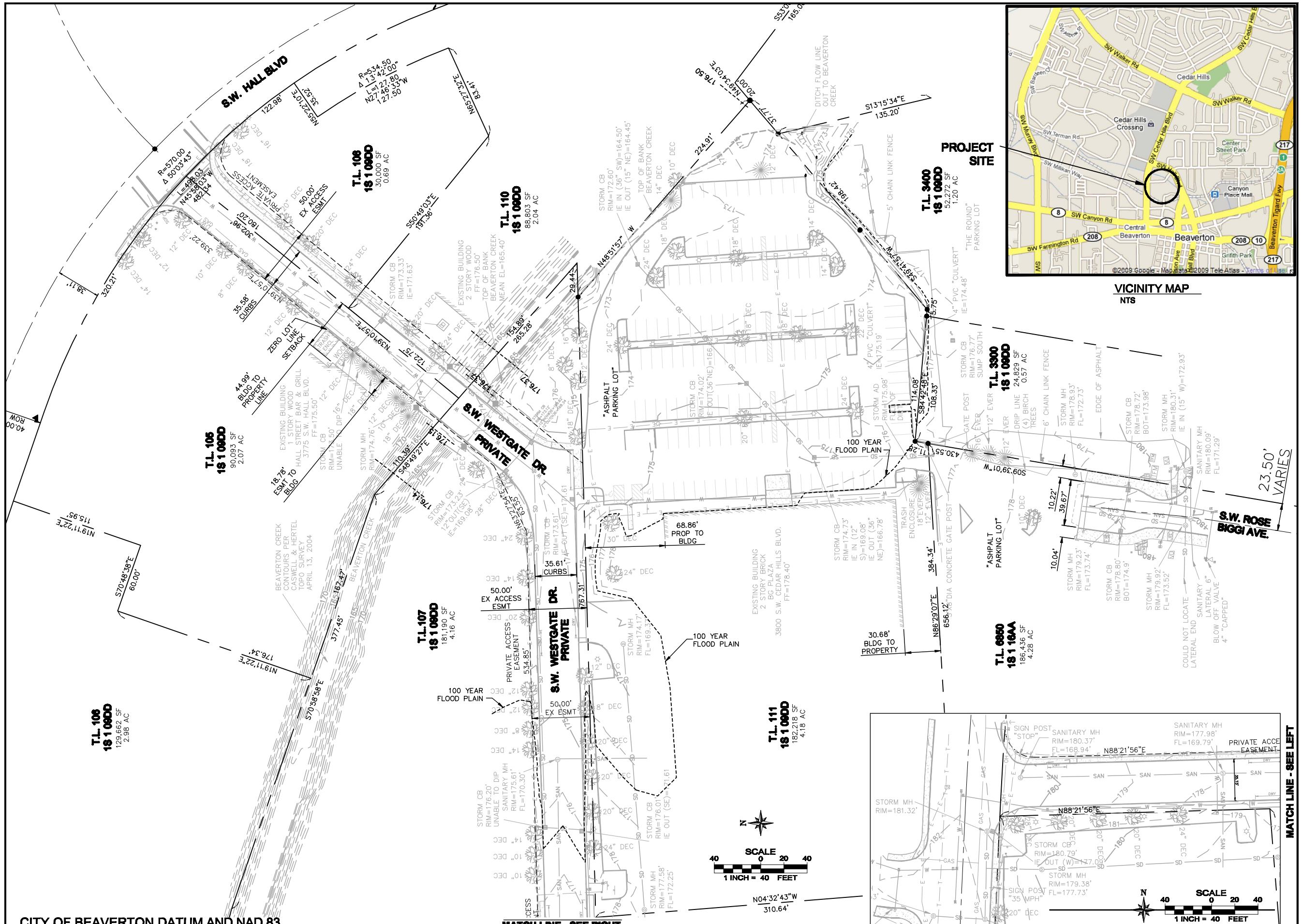

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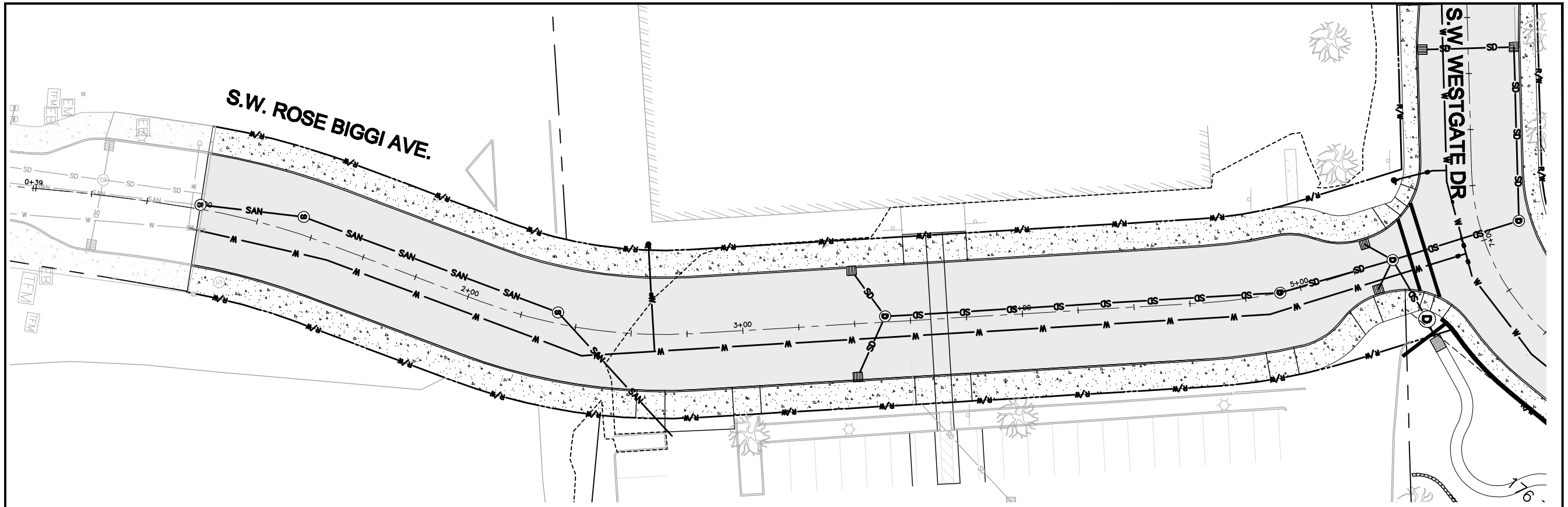

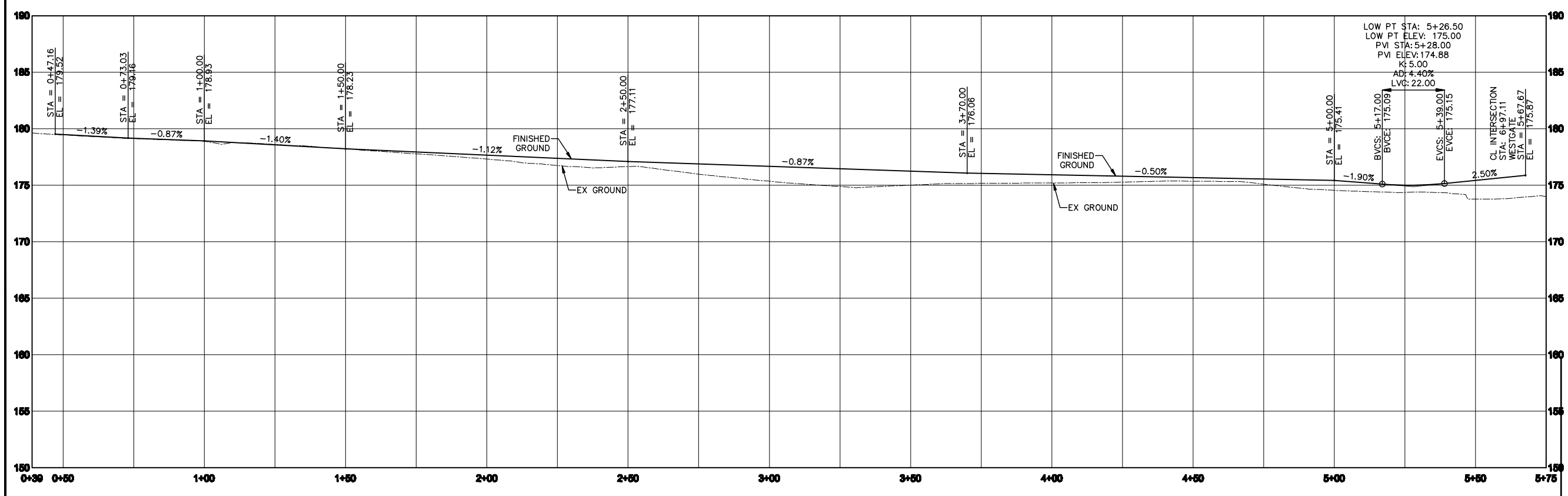

CL ROSE PROFILE
HORIZONTAL SCALE: 1"= 20
VERTICAL SCALE: 1"= 5

SCALE
40 0 20 40
1 INCH = 40 FEET

CITY OF BEAVERTON DATUM AND NAD 83

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ROSE BIGGI PLAN AND PROFILE

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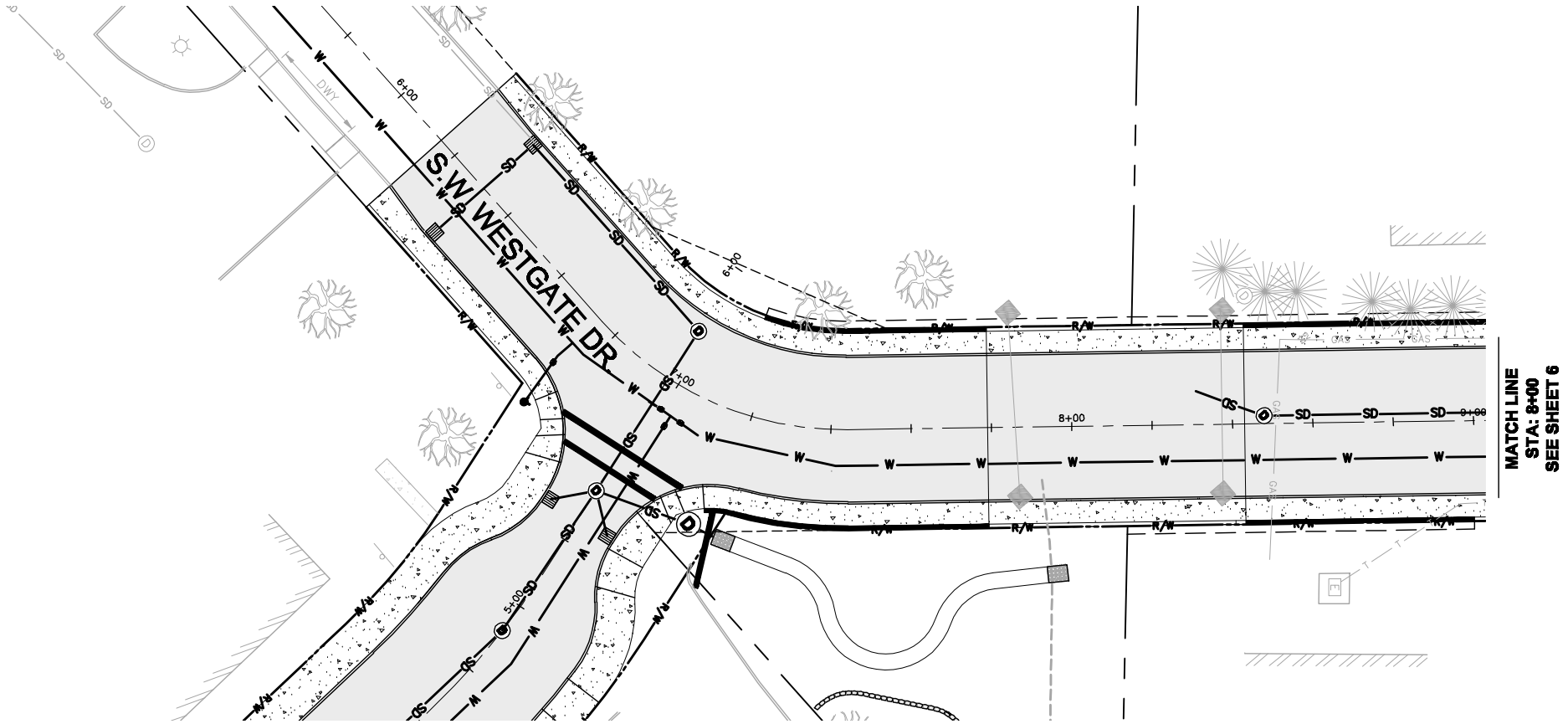

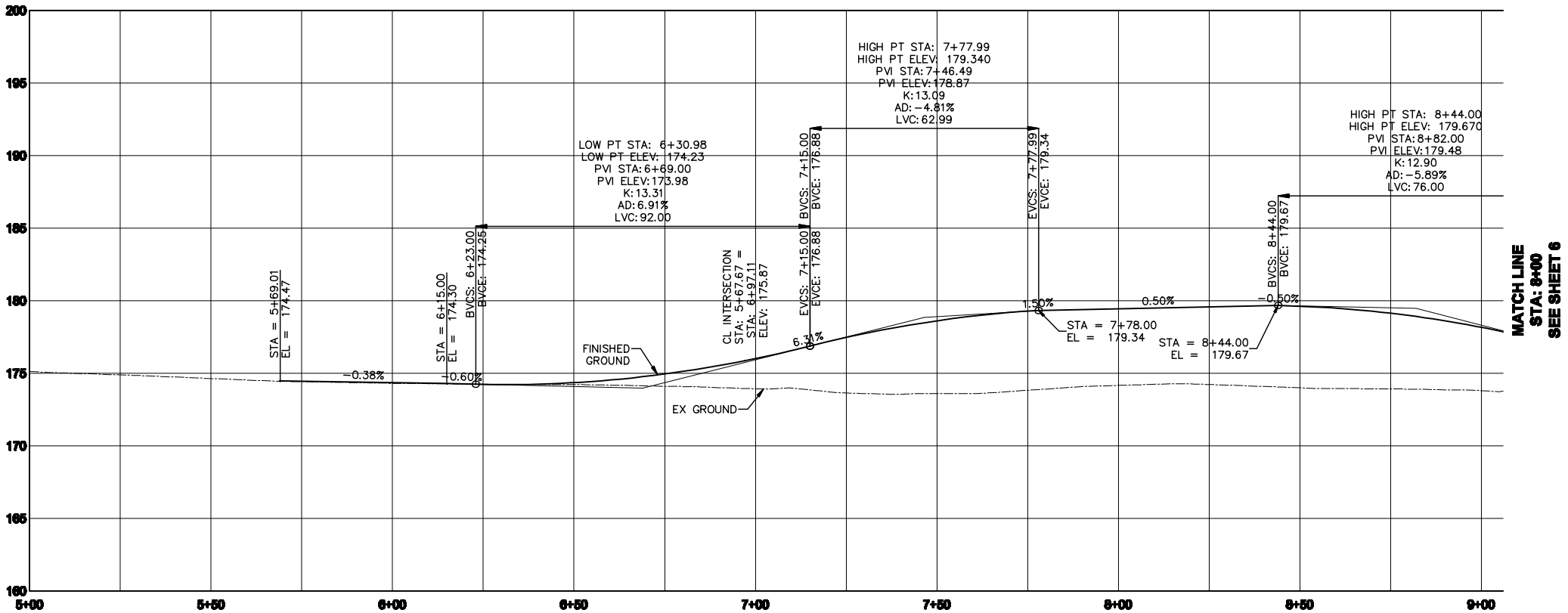

CL WESTGATE PROFILE
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SCALE
20 0 10 20
1 INCH = 20 FEET

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WESTGATE PLAN AND PROFILE SHEET 1

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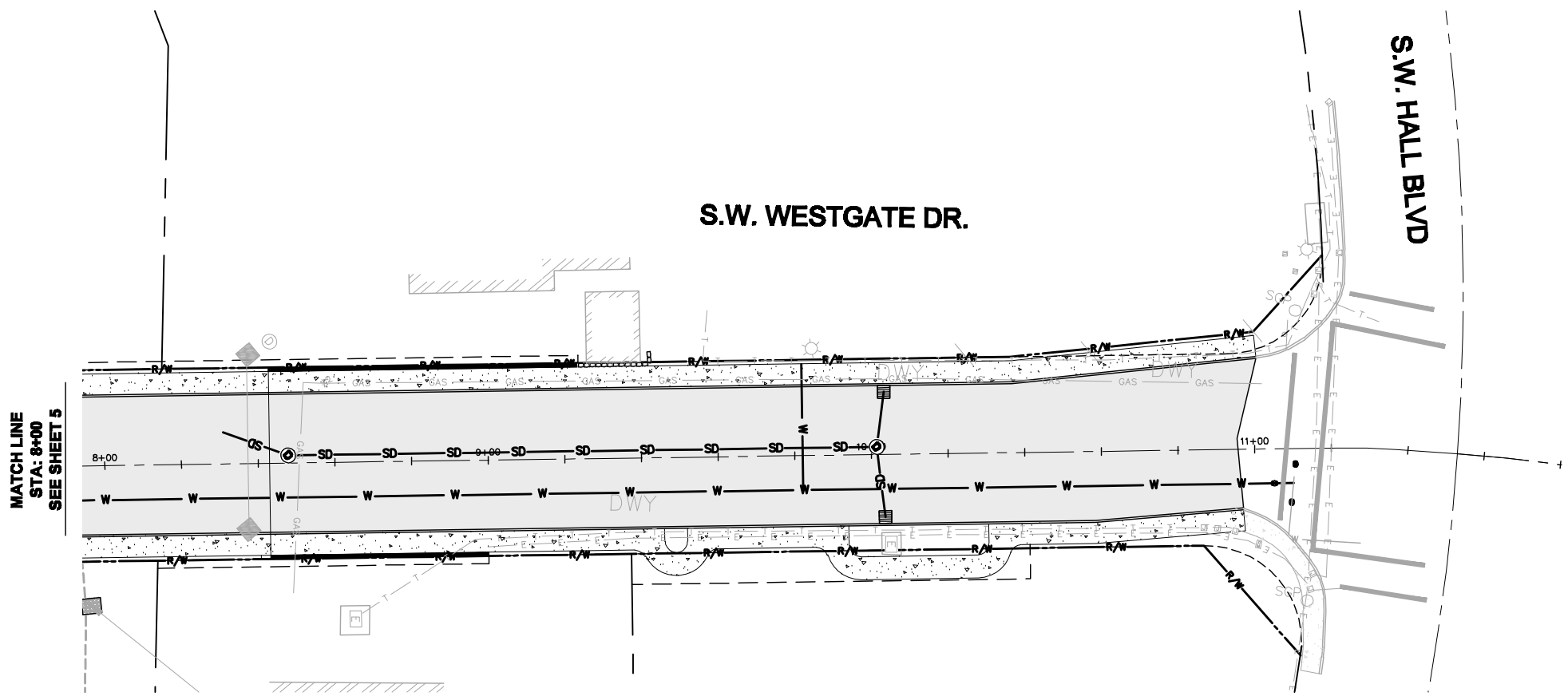

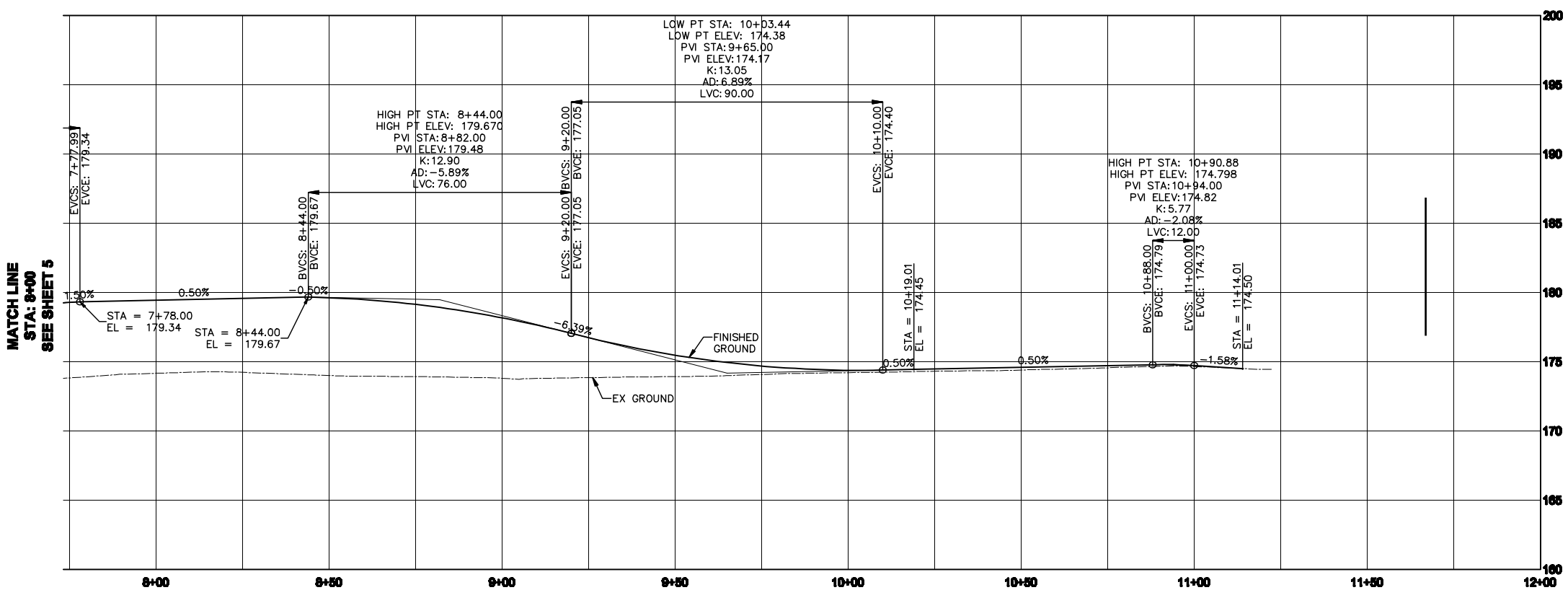

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SCALE
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SW ROSE BIGGI EXTENSION & WESTGATE STREET IMPROVEMENTS

WESTGATE PLAN AND PROFILE SHEET 2

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CHECKED BY:	
APPROVED BY:	
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DATE:	9-11-09

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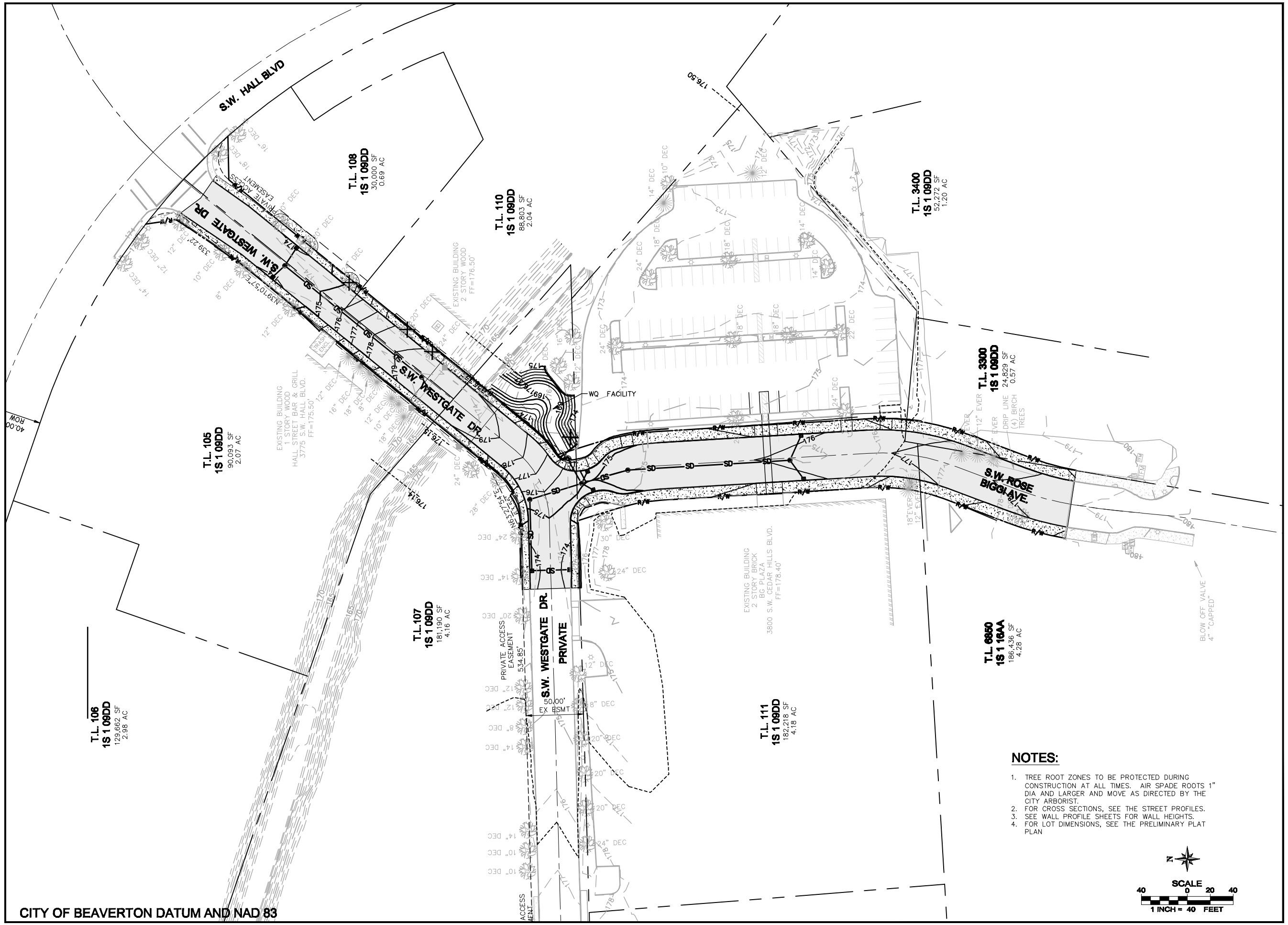

NOTES:

1. TREE ROOT ZONES TO BE PROTECTED DURING CONSTRUCTION AT ALL TIMES. AIR SPADE ROOTS 1" DIA AND LARGER AND MOVE AS DIRECTED BY THE CITY ARBORIST.
2. FOR CROSS SECTIONS, SEE THE STREET PROFILES.
3. SEE WALL PROFILE SHEETS FOR WALL HEIGHTS.
4. FOR LOT DIMENSIONS, SEE THE PRELIMINARY PLAT PLAN

N

SCALE
40 0 20 40
1 INCH = 40 FEET

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SW ROSE BIGGI EXTENSION & WESTGATE DRIVE STREET IMPROVEMENTS

GRADING PLAN

DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	JB
APPROVED BY:	
PROJECT NO:	3316
DATE:	9-11-09

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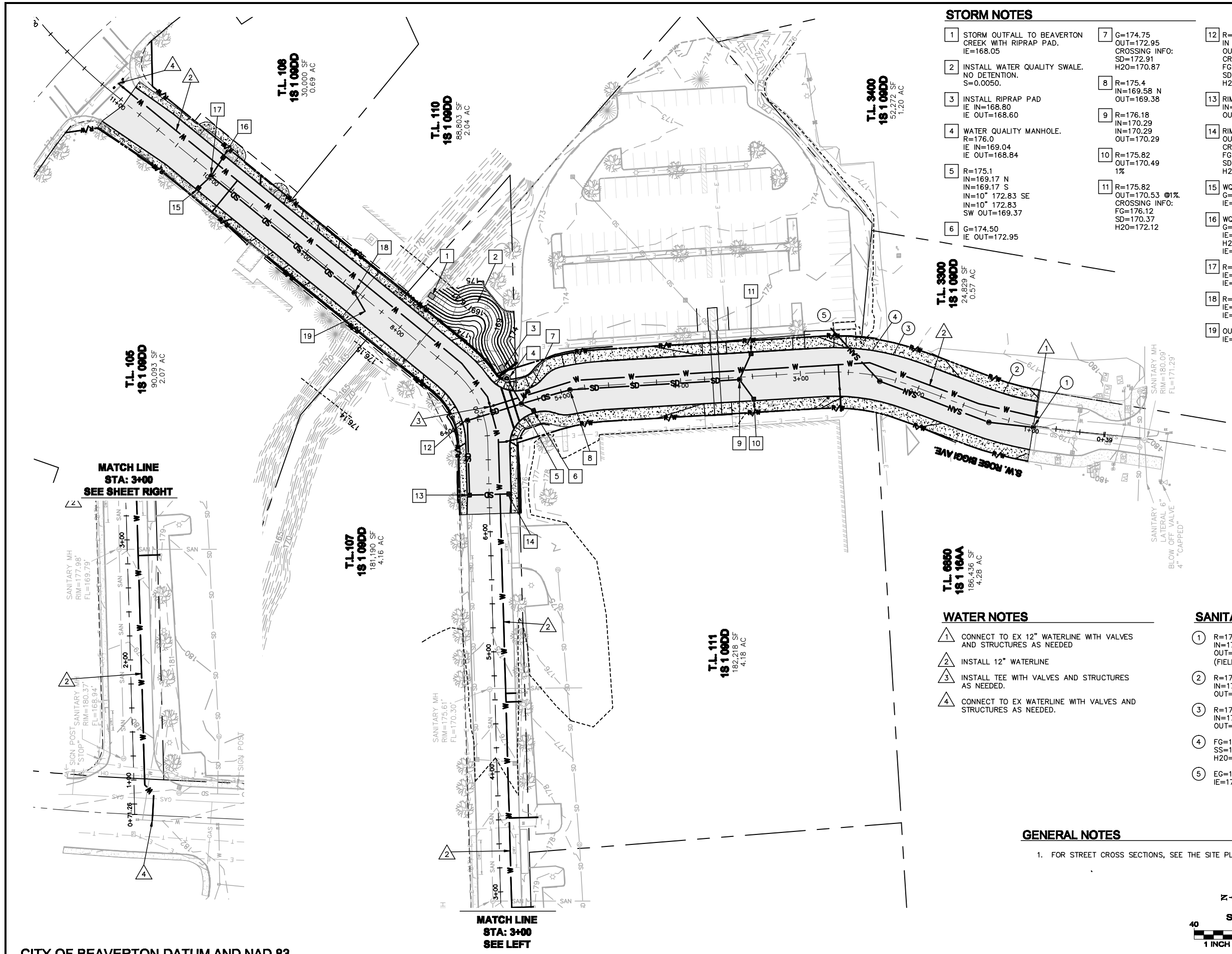

STORM NOTES

1. STORM OUTFALL TO BEAVERTON CREEK WITH RIPRAP PAD. IE=168.05
2. INSTALL WATER QUALITY SWALE. NO DETENTION. S=0.0050.
3. INSTALL RIPRAP PAD IE IN=168.80 IE OUT=168.60
4. WATER QUALITY MANHOLE. R=176.0 IE IN=169.04 IE OUT=168.84
5. R=175.1 IN=169.17 N IN=169.17 S IN=10" 172.83 SE IN=10" 172.83 SW OUT=169.37
6. G=174.50 IE OUT=172.95
7. G=174.75 OUT=172.95 CROSSING INFO: SD=172.91 H20=170.87
8. R=175.4 IN=169.58 N OUT=169.38
9. R=176.18 IN=170.29 IN=170.29 OUT=170.29
10. R=175.82 OUT=170.49 1%
11. R=175.82 OUT=170.53 @1%. CROSSING INFO: FG=176.12 SD=170.37 H20=172.12
12. R=175.5 IN 170.31 OUT 170.11 CROSSING INFO: FG=175.7 SD=169.69 H20=171.7
13. RIM=173.8 IN=170.82 OUT=170.62
14. RIM=173.8 OUT=172.01 CROSSING INFO: FG=174.0 SD=171.77 H20=170.0
15. WQ TREATMENT CB G=173.93 IE=171.63
16. WQ TREATMENT BD G=174.1 IE=171.46 H20 UNDER SD IE=169.93
17. R=174.38 IE=171.20 IN IE=171.00 OUT
18. R=179.64 IE=170.23 IN IE=170.03 OUT
19. OUTFALL WITH RIPRAP PAD IE=169.5

WATER NOTES

1. CONNECT TO EX 12" WATERLINE WITH VALVES AND STRUCTURES AS NEEDED
2. INSTALL 12" WATERLINE
3. INSTALL TEE WITH VALVES AND STRUCTURES AS NEEDED.
4. CONNECT TO EX WATERLINE WITH VALVES AND STRUCTURES AS NEEDED.

SANITARY NOTES

1. R=178.90 IN=172.26 OUT=172.06 (FIELD VERIFY)
2. R=178.28 IN=172.64 OUT=172.44
3. R=177.20 IN=173.33 OUT=173.13
4. FG=176.90 SS=173.43 H20=171.73
5. EG=176.0 IE=173.63

GENERAL NOTES

1. FOR STREET CROSS SECTIONS, SEE THE SITE PLAN.

CITY OF BEAVERTON DATUM AND NAD 83

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OVERALL UTILITY PLAN

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