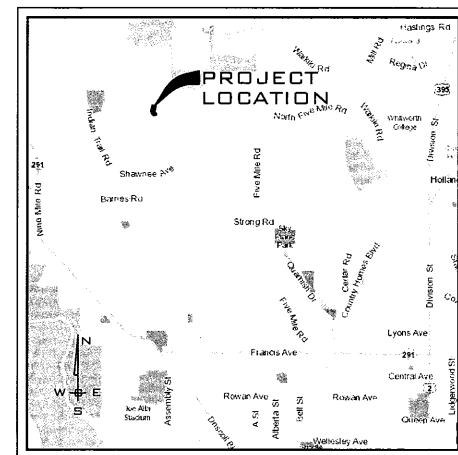


UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
811
 CALL TWO BUSINESS DAYS BEFORE YOU DIG



VICINITY MAP

SITE DATA TABLE	
GENERAL DESIGN DATA	
PARCEL NUMBERS	26155.0001
EXISTING ZONING	RSF
LANDUSE	RESIDENTIAL 4-10
PROJECT AREA (ac)	86,799.56 SF
NUMBER OF LOTS	5
PROPERTY DENSITY (lots/ac)(NET)	2
MAXIMUM LOT AREA (ac)	0.43
MINIMUM LOT AREA (ac)	0.35
AVERAGE LOT AREA (ac)	17,359.9100
DOMESTIC WATER	CITY OF SPOKANE
SANITARY SEWER DISPOSAL	CITY OF SPOKANE
FIRE DEPARTMENT	CITY OF SPOKANE
DATUM	NAVD-88
FIRE DEPARTMENT	CITY OF SPOKANE
ELECTRIC PROVIDER	AVSTA
GAS PROVIDER	AVSTA
OTHER PURVEYORS	TO BE DETERMINED

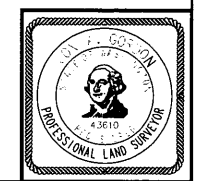
PARCEL LEGAL DESCRIPTION

That portion of the East Half of Section 15, Township 26 North, Range 42 East, W.M. being more particularly described as follows:
 Commencing at the East Quarter Corner of said Section 15; Thence N00°09'41"E along the East line of the Northeast Quarter of said Section 15 a distance of 1116.52 feet; Thence S89°50'19"E a distance of 880.00 feet to the point of beginning; Thence S84°44'48"W a distance of 181.89 feet to the future right of way of Weiber Drive; Thence the next 3 calls along said right of way:
 1) Thence N26°05'08"W a distance of 136.42 feet, to the beginning of a curve concave to the East with a radius of 245.00 feet;
 2) Thence along said curve through a central angle of 57°04'54", an arc distance of 244.08 feet;
 3) Thence N30°59'45"E a distance of 155.26 feet;
 Thence S74°05'26"E a distance of 176.00 feet; Thence S30°58'38"W a distance of 193.48 feet; Thence S02°27'12"W a distance of 85.00 feet; Thence S26°05'08"E a distance of 193.52 feet to the point of beginning.
 Having an area of 1.99 acres

ENGINEER/CONTACT
 WHIPPLE CONSULTING ENGINEERS
 21 S. PINES ROAD
 SPOKANE VALLEY, WA 99216
 PHONE: 509-893-2617
 CONTACT: TODD R. WHIPPLE, P.E.
 TODD@WHIPPLE.COM

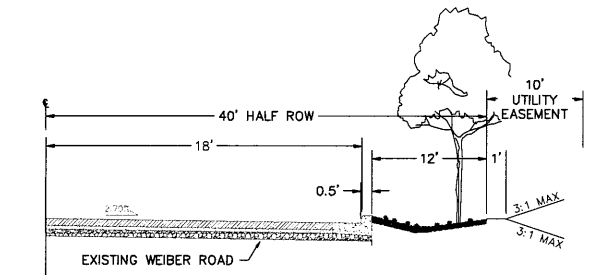
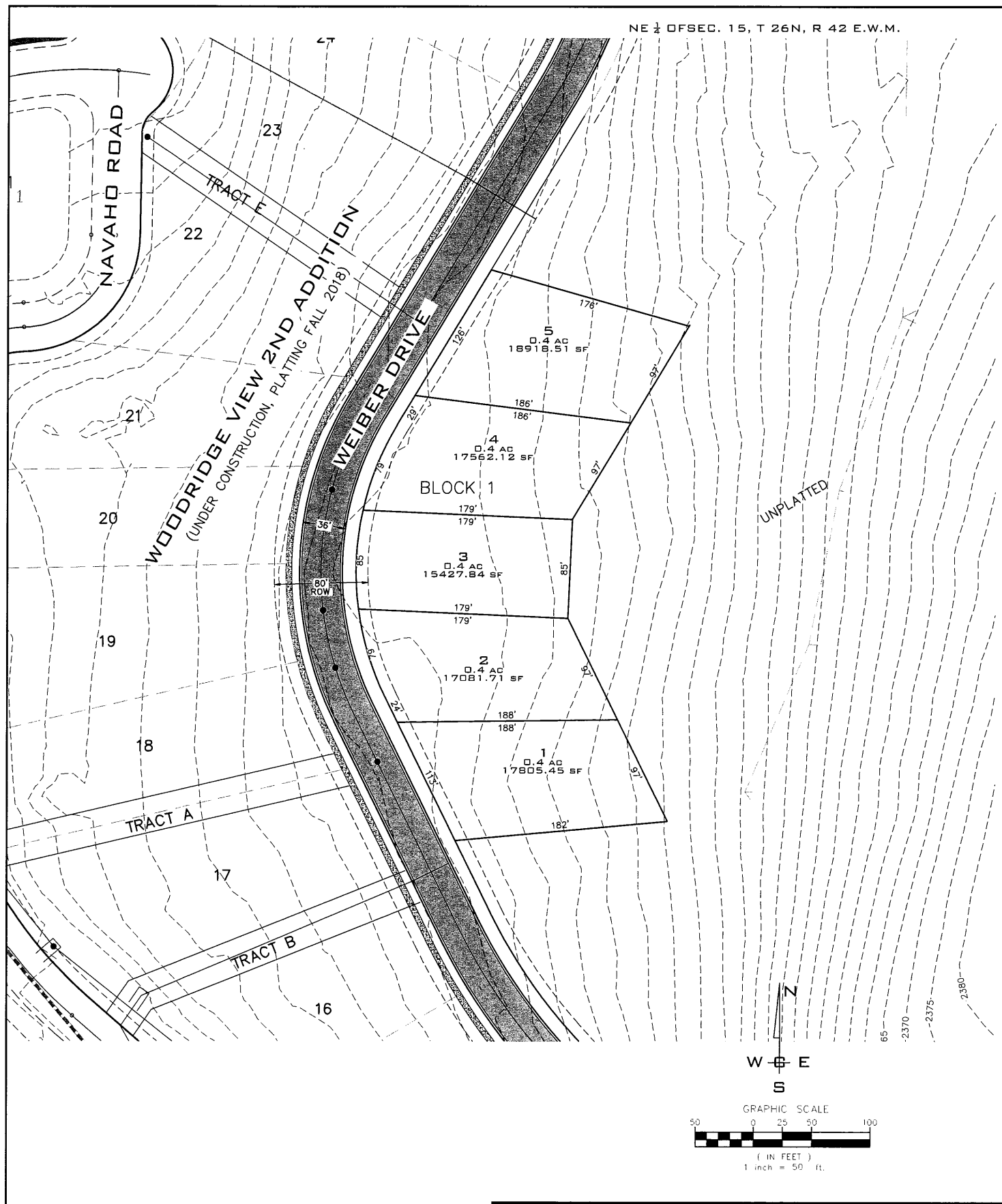
SURVEYOR
 WHIPPLE CONSULTING ENGINEERS
 21 S. PINES ROAD
 SPOKANE VALLEY, WA 99216
 PHONE: 509-893-2617
 CONTACT: JON GORDAN, PLS.
 JONG@WHIPPLE.COM

PROPERTY OWNER
 MSK, LLC.
 PO BOX 935
 OTIS ORCHARDS, WA

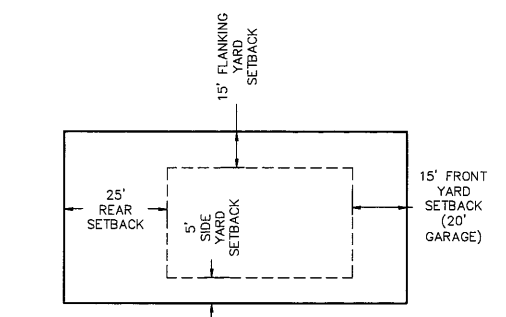


WOODRIDGE VIEW SHORT PLAT ADDITION
CITY OF SPOKANE

SHEET 1 OF 1
 JOB NUMBER
18-2085



EXISTING WEIBER ROAD SECTION



TYPICAL LOT SETBACK DETAIL
 NOT TO SCALE

NO.	DATE	BY	REVISIONS

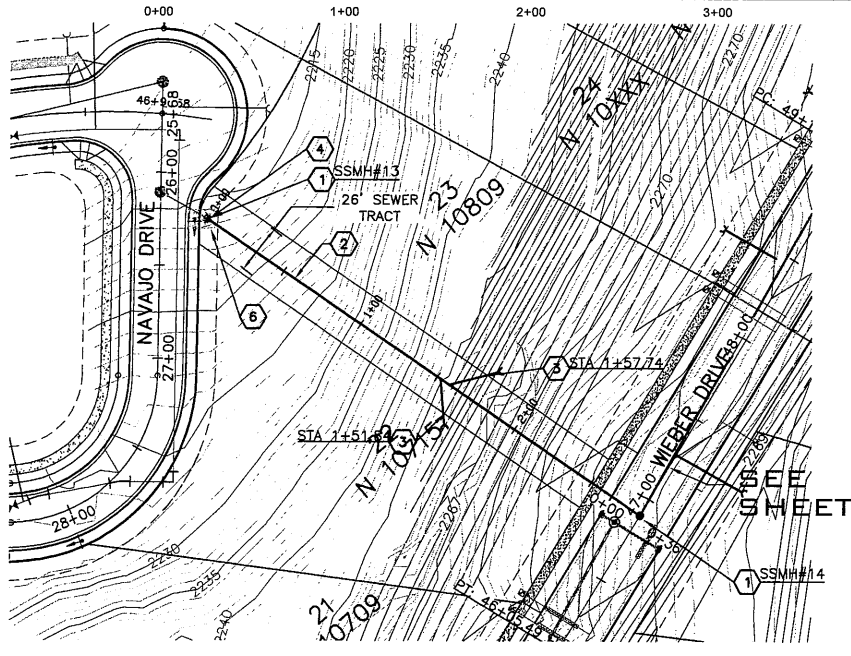
SCALE:	PROJ #: 18-2085	CIVIL: []
HORIZONTAL: 1"=50'	DATE: 06/18/18	STRUCTURAL: []
VERTICAL: NA	DRAWN: SMM	SURVEYING: []
	REVIEWED: TRW	TRAFFIC: []
		LANDSCAPE: []
		OTHER: []



DATUM 88



P:\WCE_WORK\2012 WCE PROJECTS\2012-931 Kinney - Woodridge\DWG\CITY-SEWER.dwg, 6/20/2018 9:56:31 AM, Color C60 PCL 6



PUBLIC SANITARY SEWER

CITY MH #S WHERE APPLICABLE	WASHINGTON STATE COORDINATES NORTH ZONE			
	MANHOLE #	NORTHING	EASTING	RIM EL.
N/A	SSMH #1	293089.26	2464463.52	2173.68
N/A	SSMH #2	293091.26	2464640.30	2174.16
N/A	SSMH #3	293189.18	2464711.23	2220.57
N/A	SSMH #4	293094.42	2464743.07	2220.68
N/A	SSMH #5	293141.94	2464861.28	2224.91
N/A	SSMH #6	292985.86	2465071.34	2228.86
N/A	SSMH #7	292861.95	2465228.87	2231.02
N/A	SSMH #8	292552.05	2465464.50	2238.02
N/A	SSMH #9	292467.63	2465572.12	2240.51
N/A	SSMH #10	292392.75	2465752.11	2242.76
N/A	SSMH #11	292189.51	2466089.79	2250.22
N/A	SSMH #12	293337.44	2465031.07	2263.17
3864108CD	SSMH #13	293388.27	2464914.11	2215.82
3864208CD	SSMH #14	293687.94	2465151.99	2271.99
3864308CD	SSMH #15	293892.62	2465265.02	2274.79
3864408CD	SSMH #16	293978.00	2465326.32	2297.22
3864508CD	SSMH #17	294045.21	2465415.45	2306.17
3864608CD	SSMH #18	294084.22	2465512.08	2314.63
N/A	SSMH #19	293426.29	2465079.87	2267.38
N/A	SSMH #19A	293475.48	2465079.77	2269.99
N/A	SSMH #20	293376.03	2465068.49	2265.38

CONSTRUCTION NOTES

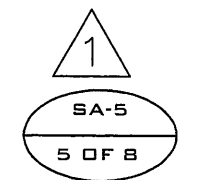
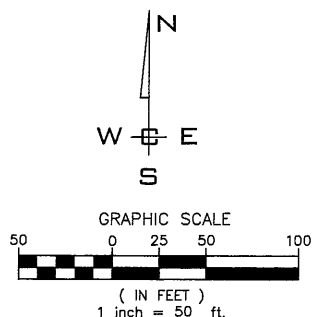
- INSTALL TYPE 1-48 SEWER MANHOLE PER CITY OF SPOKANE STANDARD PLAN Z-101.
- INSTALL 8" PVC SEWER PIPE, TYPICAL. SEE PROFILE FOR RIM AND INVERT INFORMATION.
- INSTALL 4" SANITARY SEWER SERVICE. CONTRACTOR TO MAINTAIN A MINIMUM 2% SLOPE IN ALL SERVICES. ALL SERVICES TO BE INSTALLED PER CITY OF SPOKANE STANDARDS AND SPECIFICATIONS.
- CONNECT TO EXISTING 8" SEWER STUB WITH MANHOLE PER CITY OF SPOKANE STANDARDS AND SPECIFICATIONS. CONTRACTOR TO VERIFY EXACT LOCATION AND INVERT PRIOR TO CONNECTION.
- RESERVED
- PROVIDE AND CONSTRUCT 12"x20" GRAVEL ACCESS TO MANHOLE. 5% MAX. SLOPE, PROVIDE 6" THICK x 20' CSTC, CUT SLOPES 2:1 MAX.
- PROVIDE AND INSTALL PIPE ANCHORS PER CITY STANDARD PLAN B-117. 30' INTERVALS.

SEWER NOTES:

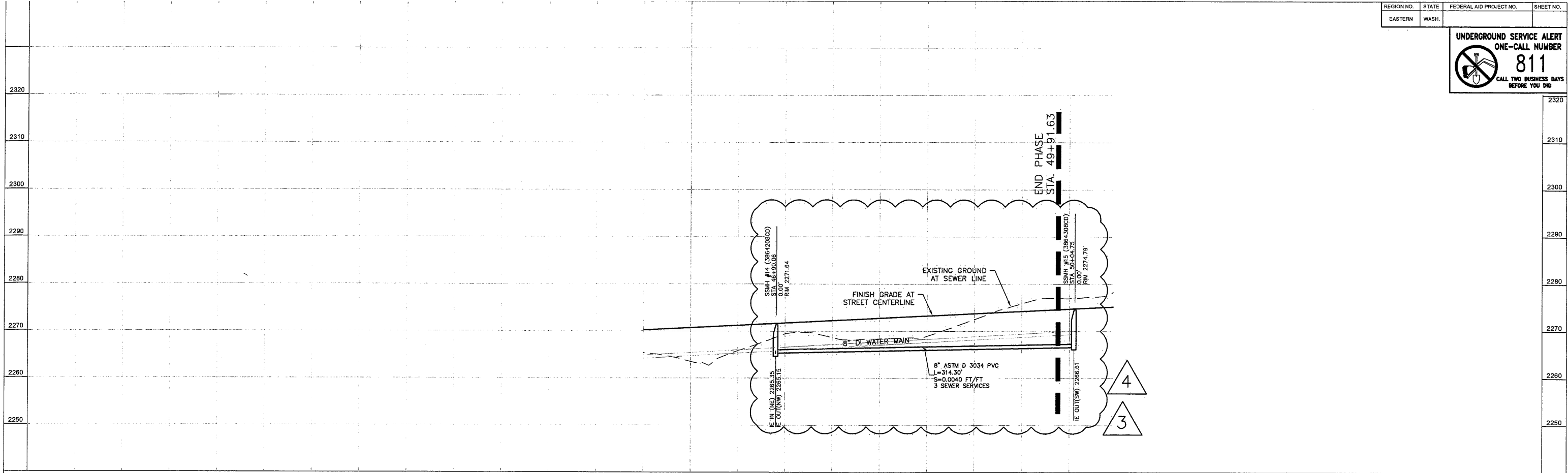
- ALL SANITARY SEWER SERVICES SHALL BE 4" DIAMETER PVC UNLESS SHOWN OTHERWISE.
- THIS PLAN MAY NOT SHOW ALL EXISTING UTILITIES. EXISTING LOCATIONS ARE APPROXIMATE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE EXISTENCE AND ACTUAL LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION BY USING THE ONE CALL NUMBER NOTED ON THIS SHEET OR BY OTHER ACCEPTABLE MEANS.
- LOCATING WIRE SHALL BE INSTALLED ALONG ALL PIPELINES, BEGINNING AND TERMINATING IN MANHOLES. PIPELINE MARKING TAPE SHALL BE INSTALLED AS SHOWN IN THE STANDARD PLANS AND AS NOTED IN THE CITY OF SPOKANE SUPPLEMENTAL SPECIFICATIONS 7-17.3(2)J.

LEGEND

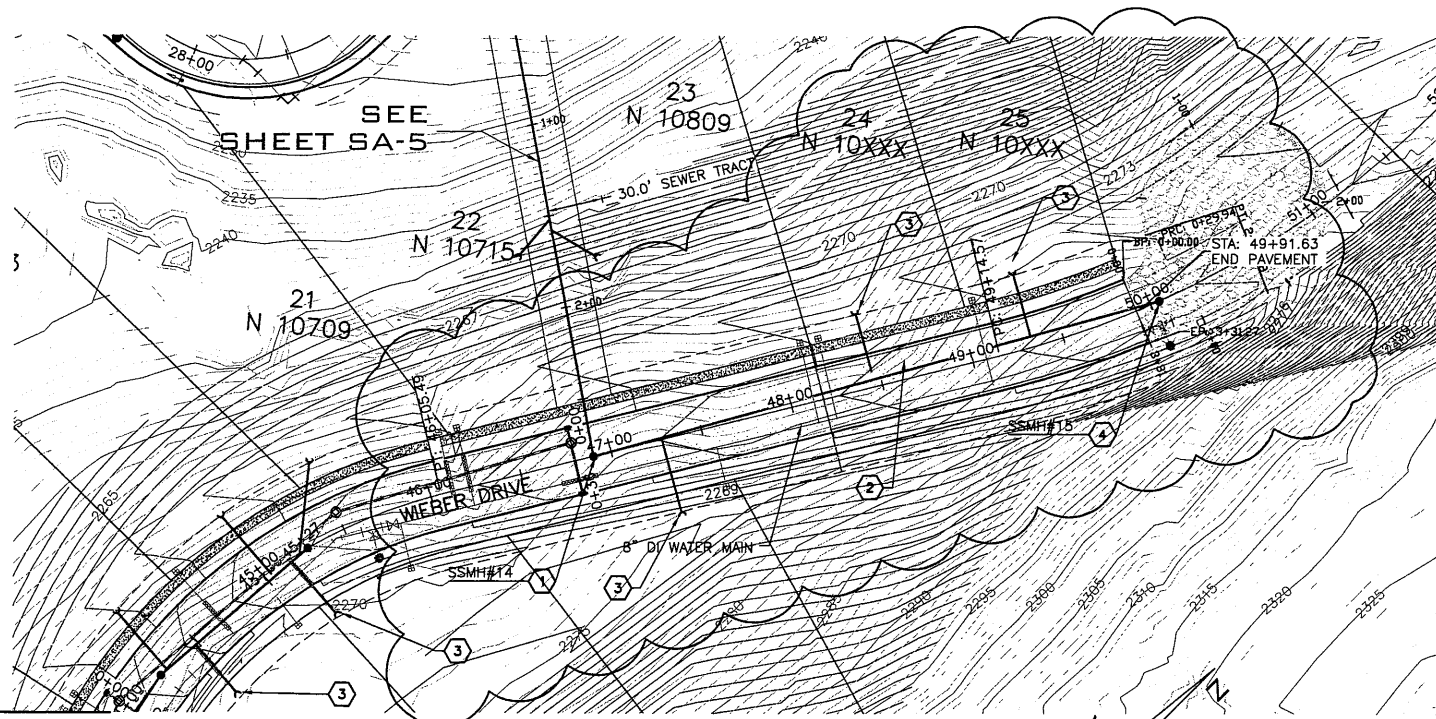
	PROPERTY LINE
	PROPOSED SEWER LINE
	PROPOSED SEWER STRUCTURE



5/03/18 JPP CHANGE GRADE AT CDS 03/30/18 JPP STORM DRAINAGE MH/CB RIM CHANGE 02/15/18 JPP LOT DIMENSIONS CHANGED TO 85'		NAVD88 = (OLD CSM ELEV) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BENCH MARK LOCATION: ARROWHEAD & SHAWNEE, NE CORNER 19.7' NNC, 1.2' EEC CURRENT CITY/COUNTY DESIGN STANDARDS ADOPTED FEB, 2007		NAVD88 ELEV: 1983.842 BAR IS ONE INCH ON ORIGINAL DRAWING. HORIZONTAL SCALE 1" = 50' VERTICAL SCALE 1" = 10' IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.		SPOKANE CITY OF SPOKANE, WASHINGTON DEPARTMENT OF ENGINEERING SERVICES 808 WEST SPOKANE FALLS BLVD. SPOKANE, WASHINGTON 99201-3343 (509) 625-6300		PROJECT NAME: WOODRIDGE VIEW ESTATES 2ND ADDITION SEGMENT LIMITS: SEWER EASEMENT 0+00 - 2+44 TYPE OF IMPROVEMENT: PUBLIC SAN. SEWER CITY PROJECT NUMBER: 2013094 CITY PLAN NUMBER: X-COUNTRY 15-26-42 PROJECT LIMITS: 31+37 TO 52+50 EFR: 12-931-CITY-SEWER	
REVISIONS DATE BY PROJ. DESCRIPTION DATE BY PROJ. AS BUILT		GRADE ORDINANCE LIST NAVD88 DATUM		SCALE		APPROVED: RDK 03/19/14		PROJECT LIMITS: 31+37 TO 52+50	



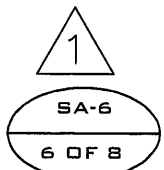
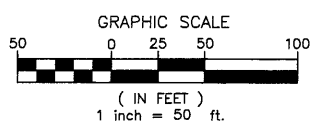
CITY MH #'S WHERE APPLICABLE	WASHINGTON STATE COORDINATES NORTH ZONE			
	MANHOLE #	NORTHING	EASTING	RIM EL.
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N/A	SSMH #8	292552.05	2465464.50	2238.02
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N/A	SSMH #11	292189.51	2466089.79	2250.22
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386410BCD	SSMH #13	293838.27	2464914.11	2215.82
386420BCD	SSMH #14	293687.94	2465151.99	2271.99
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N/A	SSMH #19	293426.29	2465079.87	2267.38
N/A	SSMH #19A	293475.48	2465079.77	2269.99
	SSMH #20	293376.03	2465068.49	2265.38



- 3 A. LOWERED PROFILE WITH 6"± CHANGE AT SSMH #14.
- B. FUTURE WIEBER DR ALIGNMENT CHANGE FOR FUTURE WOODRIDGE 3RD ADDITION.
- C. ADD SEWER SERVICES FOR FUTURE SHORT PLAT TO EAST SIDE OF WIEBER DR.
- 4 A. MOVED MANHOLE #14 TO APPROVED/CONSTRUCTED LOCATION ON CONSTRUCTION PLANS DATED 5/19/2017

- LEGEND**
- PROPERTY LINE
 - PROPOSED SEWER LINE
 - PROPOSED SEWER STRUCTURE

- CONSTRUCTION NOTES**
- 1 INSTALL TYPE 1-48 SEWER MANHOLE PER CITY OF SPOKANE STANDARD PLAN Z-101.
 - 2 INSTALL 8" PVC SEWER PIPE, TYPICAL. SEE PROFILE FOR RIM AND INVERT INFORMATION.
 - 3 INSTALL 4" SANITARY SEWER SERVICE. CONTRACTOR TO MAINTAIN A MINIMUM 2% SLOPE IN ALL SERVICES. ALL SERVICES TO BE INSTALLED PER CITY OF SPOKANE STANDARDS AND SPECIFICATIONS. INSTALL CLEANOUT AT END OF EACH SERVICE.
 - 4 INSTALL TYPE 1-48 SEWER MANHOLE PER CITY OF SPOKANE STANDARD PLAN Z-101 WITH ±2" 8" PVC STUB WITH 8" END CAP FOR FUTURE CONNECTION TO THE NORTHEAST.



DATE	BY	PRG	DESCRIPTION	DATE	BY	PRG	E.F.N. / U.S.N.	FROM	TO	COUNCIL ACCEPT DATE	FROM	TO	ORD. NO.	DATE	FILE NO.
5/03/18	JPP		CHANGE GRADE AT CDS												
03/30/18	JPP		STORM DRAINAGE MH/CB RIM CHANGE												
02/15/18	JPP		LOT DIMENSIONS CHANGED TO 85'												

NAV88 = (OLD CSW ELEV) - (13.13)	AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAV88)
BENCH MARK LOCATION	ARROWHEAD & SHAWNEE, NE CORNER 19.7' NNC, 1.2' EEC
NAV88 ELEV.	1983.842
CSW NO.	32
SCALE	HORIZONTAL PLAN AND PROFILE 1" = 50' VERTICAL PROFILE ONLY 1" = 10'

SPOKANE CITY OF SPOKANE, WASHINGTON DEPARTMENT OF ENGINEERING SERVICES
808 WEST SPOKANE FALLS BLVD. SPOKANE, WASHINGTON 99201-3343 (509) 625-6300

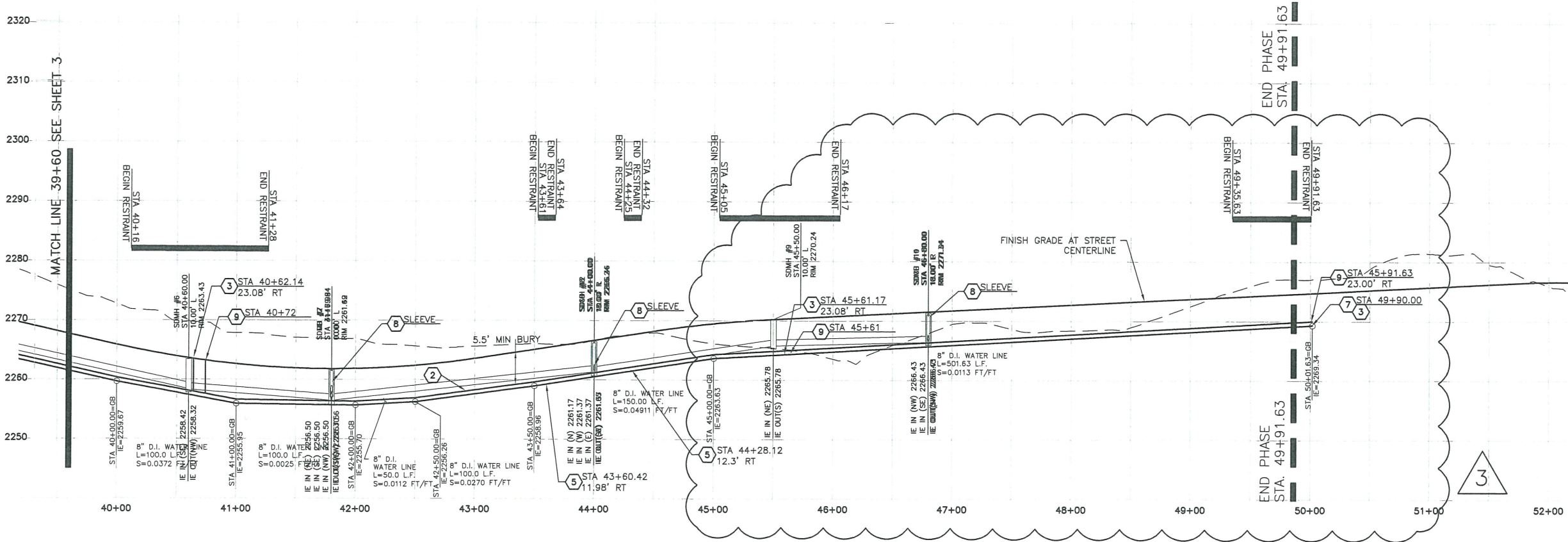
PROJECT NAME:	WOODRIDGE VIEW ESTATES 2ND ADDITION		
SEGMENT LIMITS:	WIEBER DRIVE STATIONS 46+50 TO 52+50		
TYPE OF IMPROVEMENT:	PUBLIC SAN. SEWER		
CITY PROJECT NUMBER:	2013094	CITY PLAN NUMBER:	WIEBE D(4)1 15-26-42
PROJECT LIMITS:	31+37 TO 52+50		

P:\WCE_WORK\2012 WCE PROJECTS\2012-931 Kinney - Woodridge\DWG\CITY-SEWER.dwg, 6/20/2018 9:57:02 AM, Color C60 PCL 6

P:\WCE_WORK\2012 WCE PROJECTS\2012-931 Kinney - Woodridge\DWG\CITY-WATER.dwg, 6/20/2018 9:59:19 AM, Color C60 PCL 6

REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.
EASTERN	WA		

UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
811
 CALL TWO BUSINESS DAYS BEFORE YOU DIG



BASED ON 75% OF MAXIMUM DEFLECTION BY SPECIFICATION

SIZE OF PIPE IN.	MAX. PERMISSIBLE DEFLECTION PER LENGTH - IN.		APPROX. RADIUS OF CURVE PROVIDED BY SUCCESSION OF JOINTS - FT.	
	18-FT. LENGTH	20-FT. LENGTH	18-FT. LENGTH	20-FT. LENGTH
4	14.25"	15.75"	273	307
6	14.25"	15.75"	273	307
8	14.25"	15.75"	273	307
10	14.25"	15.75"	273	307
12	14.25"	15.75"	273	307

DEFLECTION TABLE

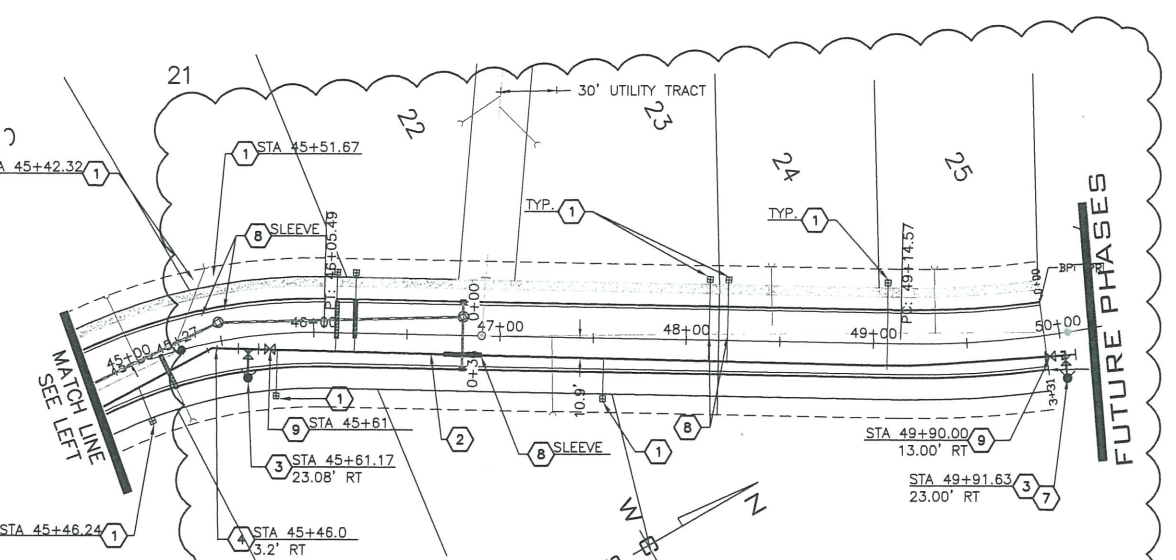
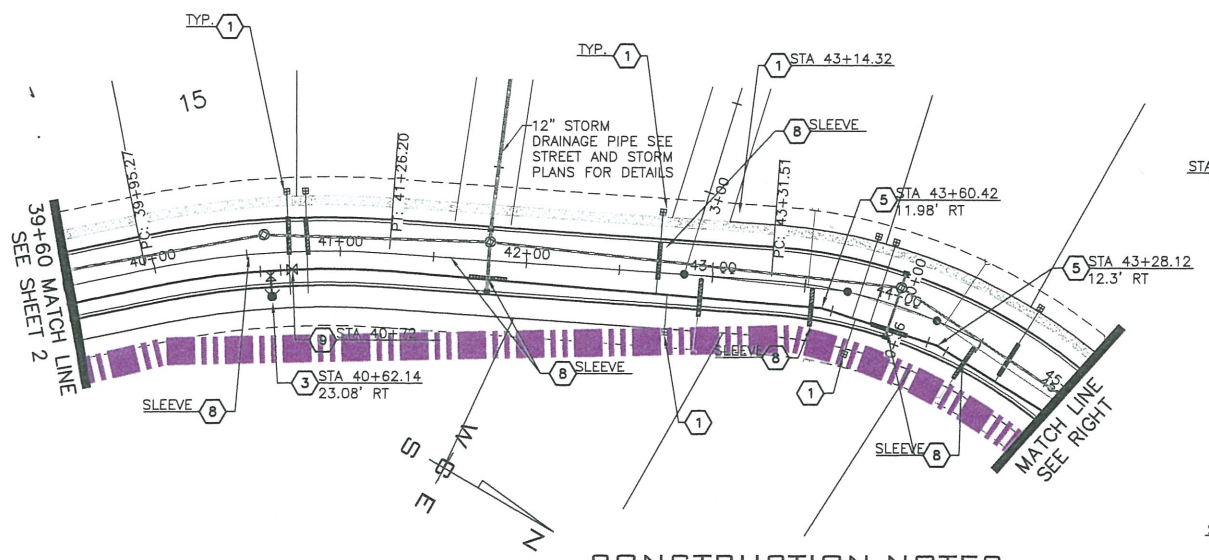
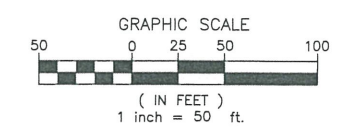
FITTING DESCRIPTION	LENGTH (FEET) OF RESTRAINED PIPE REQUIRED IN EACH DIRECTION	
	PIPE SIZE	8"
90° BENDS		27'
DEAD ENDS		56'
11-1/4° BENDS		3'
22-1/2° BENDS		6'
45° BENDS		11'

NOTE: DESIGN PARAMETERS PER CITY OF SPOKANE DESIGN STANDARDS SECTION 8.6-3 AND TABLE B-A. CALCULATIONS PER EBAA RESTRAINT CALCULATOR 6.3. SOIL: SM; SF: 2.5; TT: 4; DB: 5.0; TP: 175 PSI. MINIMUM BURY DEPTH IS 5.5' TO INVERT ELEVATION. DESIGN PRESSURE = 175 PSI.

RESTRAINED JOINT TABLE

LEGEND

- PROPERTY LINE
- PROPOSED WATER LINE
- PROPOSED FIRE HYDRANT
- PROPOSED WATER METER



CONSTRUCTION NOTES

- 1 INSTALL 1" DOMESTIC WATER SERVICE (TYPICAL). TAP AND WATER LINE INSTALLATION BY CITY FORCES, PAID FOR BY CONTRACTOR VIA A TAP PERMIT FROM CITY PERMIT CENTER. EXCAVATION AND RESTORATION BY CONTRACTOR. SEE DETAIL ON SHEET W-4.
- 2 PROVIDE AND INSTALL 8" DUCTILE IRON WATER MAIN PER CITY OF SPOKANE STANDARD SPECIFICATIONS.
- 3 PROVIDE AND INSTALL CITY APPROVED FIRE HYDRANT ASSEMBLY PER CITY OF SPOKANE STANDARD PLAN Y-101.
- 4 RESERVED.
- 5 PROVIDE AND INSTALL 8" DUCTILE IRON 11.25° BEND, MxMxJ. RESTRAIN PER TABLE.
- 6 REMOVE EXISTING CAP/PLUG AND CONNECT TO EXISTING 8" DUCTILE IRON WATER MAIN.
- 7 PROVIDE AND INSTALL 8" DUCTILE IRON MJ PLUG. FULLY RESTRAINED PER TABLE.
- 8 ALL POTABLE/NON POTABLE CROSSINGS SHALL BE IN ACCORDANCE WITH CITY OF SPOKANE STANDARD PLAN W-111.
- 9 PROVIDE AND INSTALL 8" GATE VALVE PER CITY OF SPOKANE STANDARDS.

- A. LOWERED PROFILE WITH 6"± CHANGE AT SSMH #14.
- B. FUTURE WIEBER DR ALIGNMENT CHANGE FOR FUTURE WOODRIDGE 3RD ADDITION.
- C. ADD WATER SERVICES FOR FUTURE SHORT PLAT TO EAST SIDE OF WIEBER DR.

WCE
 WHIPPLE CONSULTING ENGINEERS
 21 S. PINES RD
 SPOKANE VALLEY, WA 99206
 PH: 509-893-2617 FAX: 509-926-0227



1
 W-3
 3 OF 5

DATE	BY	PROJ	DESCRIPTION	DATE	BY	PROJ	E.F.N.	U.S.N.	FROM	TO	COUNCIL ACCEPT DATE	FROM	TO	ORD. NO.	DATE	FILE NO.
5/03/18	JPP		CHANGE GRADE AT CDS													
03/30/18	JPP		STORM DRAINAGE MH/CB RIM CHANGE													
02/15/18	JPP		LOT DIMENSIONS CHANGED TO 85'													

NAV88 ELEV	AS BUILT	GRADE ORDINANCE LIST
1983.842		
32		

PROJECT NAME:	WOODRIDGE VIEW ESTATES 2ND ADDITION		
SEGMENT LIMITS:	WIEBER DRIVE		
PROJECT LIMITS:	STA: 39+60 TO 51+99.30		
TYPE OF IMPROVEMENT:	PUBLIC WATER		
CITY PROJECT NUMBER:	2013095	CITY PLAN NUMBER:	WIEBE D(04)1 15-26-42
PROJECT LIMITS:	25+63.00 TO 51+99.00		