

CONSTRUCTION DOCUMENTS
EDEN, WEBER COUNTY , UTAH

Know what's below.

Call 811 before you dig.

BLUE STAKES OF UTAH
UTILITY NOTIFICATION CENTER, INC.

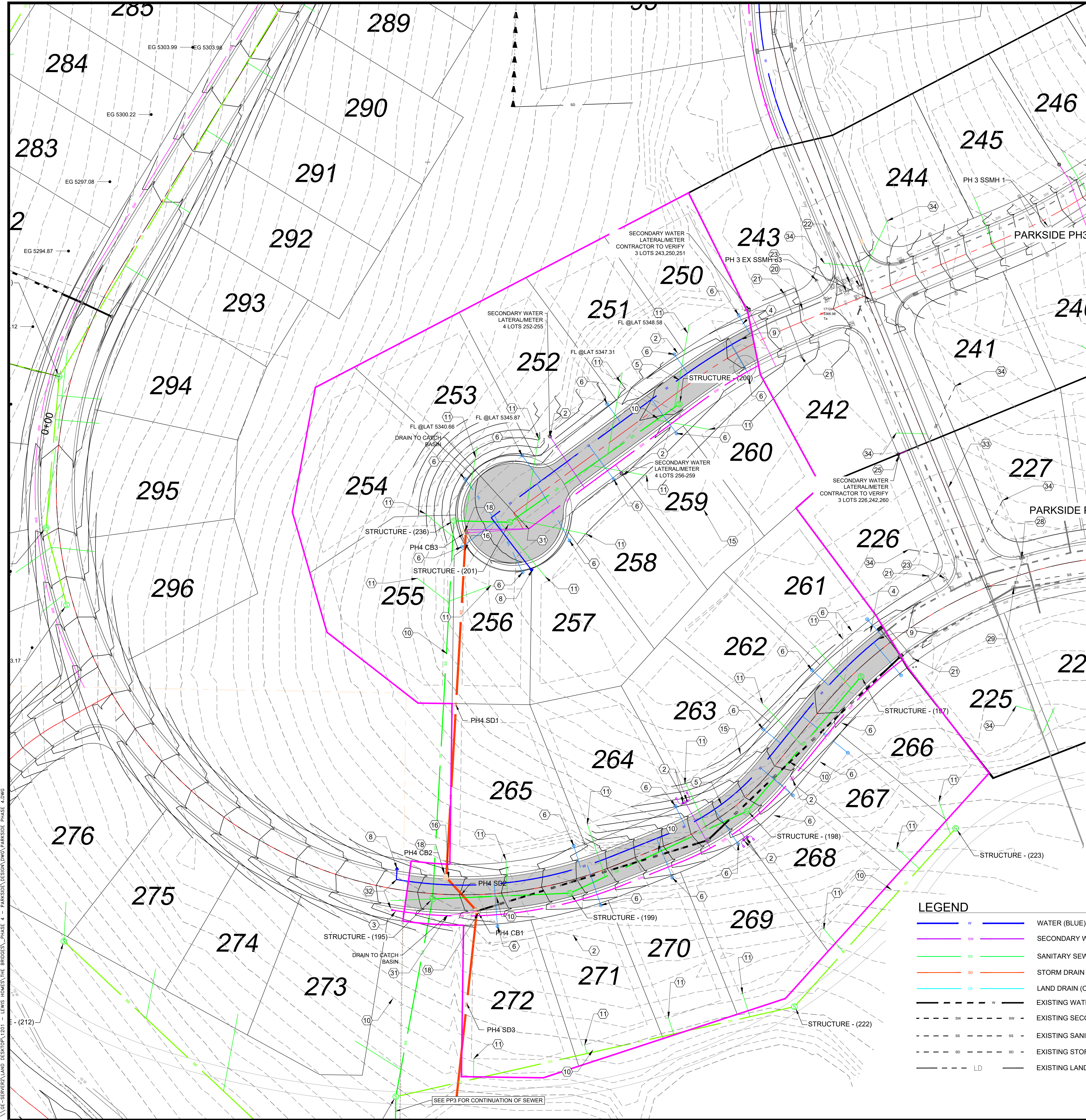
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1-800-662-4111

C1	-	COVER SHEET
SP1	-	SITE PLAN
UT1	-	UTILITY PLAN
DR1	-	DRAINAGE PLAN
PP1 - PP5	-	PLAN AND PROFILE
SW1	-	SWPPP PLAN

SECONDARY WATER IMPROVEMENTS TO CONFORM TO THE SECONDARY WATER UTILITY'S STANDARDS AND SPECIFICATIONS

THE BRIDGES - PARKSIDE PH 4

CONSTRUCTION DOCUMENTS



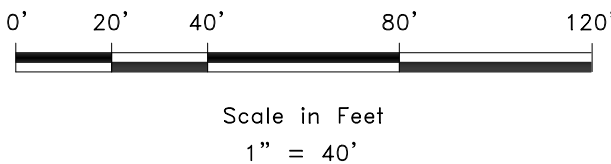
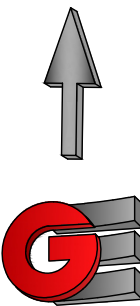
- KEY NOTES
- 1 8" (ROAD 4) & 10" (ROAD 5) PVC C900 DR18 SECONDARY WATER PER DISTRICT STANDARDS
 - 2 1" SECONDARY WATER LATERAL PER DISTRICT STANDARDS
 - 3 SECONDARY GATE VALVE PER DISTRICT STANDARDS
 - 4 CONNECT TO EXISTING SECONDARY WATER PER DISTRICT STANDARDS
 - 5 8" DUCTILE IRON CLASS 52 WATER PER DISTRICT STANDARDS
 - 6 WATER LATERAL PER DISTRICT STANDARDS
 - 7 CULINARY WATER GATE VALVE PER DISTRICT STANDARDS
 - 8 FIRE HYDRANT PER DISTRICT STANDARDS
 - 9 CONNECT TO EXISTING WATER (REMOVE BLOWOFF IF NEEDED)
 - 10 8" SEWER - SDR 35 PVC PER DISTRICT STANDARDS
 - 11 4" SEWER LATERAL (2% MIN) PER DISTRICT STANDARDS
 - 12 SEWER MANHOLE PER DISTRICT STANDARDS
 - 13 CONNECT TO EXISTING SEWER MANHOLE
 - 14 SEWER CLEANOUT PER DISTRICT STANDARDS
 - 15 6" PERFORATED PVC LAND DRAIN BEADED IN GRAVEL MIN 3" COVER
 - 16 CONNECT LAND DRAIN TO STORM DRAIN
 - 17 15" STORM DRAIN - RCP PER COUNTY STANDARDS
 - 18 CATCH BASIN PER COUNTY STANDARDS
 - 19 STORM DRAIN MANHOLE PER COUNTY STANDARDS
 - 20 EX 8" DUCTILE IRON WATER
 - 21 EX WATER LATERAL
 - 22 EX WATER VALVE
 - 23 EX FIRE HYDRANT
 - 24 EX SECONDARY WATER
 - 25 EX SECONDARY WATER LATERAL
 - 26 EX SECONDARY VALVE
 - 27 EX STORM DRAIN - RCP
 - 28 EX CATCH BASIN
 - 29 EX STORM DRAIN MANHOLE
 - 30 INSTALL BLOWOFF
 - 31 DRAIN VALVE
 - 32 STUB FOR FUTURE CONNECTION
 - 33 EX 8" SDR 35 PVC SANITARY SEWER
 - 34 EX SANITARY SEWER LATERAL
 - 35 EX SANITARY SEWER MANHOLE
 - 36 EXISTING LAND DRAIN

SANITARY SEWER STRUCTURE TABLE			
STRUCTURE NAME:	DETAILS:	PIPES IN:	PIPES OUT
Structure - (195) - 5' SSMH	RIM = 5330.66 INV IN = 5320.15 INV IN = 5320.15 INV OUT = 5320.05 Depth: 10.61	8" PVC INV IN (N) =5320.15 8" PVC INV IN (E) =5320.15	8" PVC INV OUT (S) =5320.05
Structure - (197) - 4' SSMH	RIM = 5354.81 INV OUT = 5345.98 Depth: 8.83		8" PVC INV OUT (SW) =5345.98
Structure - (198) - 4' SSMH	RIM = 5349.40 INV IN = 5340.10 INV OUT = 5340.00 Depth: 9.40	8" PVC INV IN (NE) =5340.10	8" PVC INV OUT (SW) =5340.00
Structure - (199) - 4' SSMH	RIM = 5337.21 INV IN = 5327.89 INV OUT = 5327.79 Depth: 9.42	8" PVC INV IN (NE) =5327.89	8" PVC INV OUT (W) =5327.79
Structure - (200) - 4' SSMH	RIM = 5360.22 INV OUT = 5346.75 Depth: 13.47		8" PVC INV OUT (SW) =5346.75
Structure - (201) - 4' SSMH	RIM = 5358.60 INV IN = 5343.88 INV OUT = 5343.58 Depth: 15.02	8" PVC INV IN (NE) =5343.68	8" PVC INV OUT (W) =5343.58
Structure - (222) - 4' SSMH	RIM = 5320.56 INV IN = 5313.46 INV OUT = 5313.36 Depth: 7.20	8" PVC INV IN (NE) =5313.46	8" PVC INV OUT (W) =5313.36
Structure - (223) - 4' SSMH	RIM = 5338.00 INV OUT = 5330.00 Depth: 8.00		8" PVC INV OUT (SW) =5330.00
Structure - (236) - 5' SSMH	RIM = 5354.94 INV IN = 5343.40 INV OUT = 5343.30 Depth: 11.64	8" PVC INV IN (E) =5343.40	8" PVC INV OUT (S) =5343.30

NOTES

CULINARY WATER, SECONDARY WATER AND SEWER IMPROVEMENTS SHALL CONFORM TO WOLF CREEK WATER AND SEWER IMPROVEMENTS DISTRICTS STANDARDS AND SPECIFICATIONS.

OTHER IMPROVEMENTS TO CONFORM TO CURRENT COUNTY STANDARDS AND SPECIFICATIONS.



REVISIONS		DATE	DESCRIPTION
1	REV	8-14-25	SEWER
2	SW	8-26-25	LATERAL
3	RELOCATE	8-26-25	PH
4	ADJUST	9-12-25	SW LINE TO OFF SIDE OF RD



UTILITY PLAN

THE BRIDGES - PARKSIDE PH 4

PROJECT ADDRESS

EDEN, WEBER COUNTY, UTAH

GARDNER ENGINEERING

CIVIL • LAND PLANNING

MUNICIPAL • LAND SURVEYING

5150 SOUTH 375 EAST OGDEN, UT

OFFICE: 801.476.0202 FAX: 801.476.0066

UT1

\\05-SERVER\LAND DESIGN\PHASE 4 - PARKSIDE DESIGN.DWG (PARKSIDE PHASE 4.DWG)



Drainage Basin 1
The Bridges

Latitude: 41.3378° Longitude: -111.8347°

Areas	Sq. Ft.	Area	C
Basin 1 area	948,374	21.77	0.40
Total/Weighted	948,374	21.77	0.40

RELEASE RATE 0.1 cfs/ACRE (0.87 cfs)

100 YEAR STORM EVENT

MIN	Release Vol (cf)	Inch / Hr	Total Vol (cf)	Detain Vol (cf)
	Allowable	1100	100 YEAR	Difference
5	653	7.88	20,587	19,934
10	1,306	6.00	31,351	30,045
15	1,959	4.96	38,875	36,916
30	3,919	3.34	52,356	48,437
60	7,838	2.06	64,583	56,745
120	15,676	1.23	77,124	61,448
180	23,513	0.85	79,945	56,432
360	47,027	0.49	92,172	45,146
720	94,053	0.31	116,626	22,573
1440	142,961	0.19	142,961	0

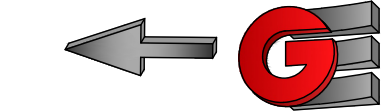
100 YEAR STORM - RECOMMENDED MIN. VOLUME RETAINED	CUBIC FEET	CUBIC YARDS
	61,448	2,276

Parkside PH4 SD STRUCTURE TABLE			
STRUCTURE NAME:	DETAILS:	PIPES IN:	PIPES OUT
PH4 CB1 - CATCH BASIN	GRATE = 5332.41 INV IN = 5327.13 INV IN = 5328.72 INV OUT = 5327.03	15" RCP INV IN (NW) = 5327.13 15" RCP INV IN (E) = 5328.72	15" RCP INV OUT (S) = 5327.03
PH4 CB2 - CATCH BASIN	GRATE = 5330.94 INV IN = 5327.40 INV OUT = 5327.50	15" RCP INV IN (N) = 5327.40	15" RCP INV OUT (SE) = 5327.50
PH4 CB3 - CATCH BASIN	GRATE = 5357.05 INV OUT = 5351.00		15" RCP INV OUT (S) = 5351.00

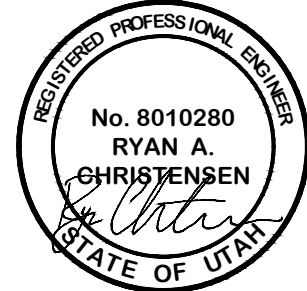
Parkside PH4 SD				
NAME	SIZE	LENGTH	SLOPE	MATERIAL
PH4 SD2	15"	37.48'	1.00%	15" RCP
PH4 SD3	15"	153.19'	12.03%	15" RCP
PH4 SD1	15"	284.42'	8.30%	15" RCP

LEGEND

SO	STORM DRAIN (ORANGE) RCP
LD	LAND DRAIN (CYAN)
SD	EXISTING STORM DRAIN RCP
LD	EXISTING LAND DRAIN



0' 50' 100' 200' 300'
Scale in Feet
1" = 100'



DRAINAGE PLAN
THE BRIDGES - PARKSIDE PH 4
PROJECT ADDRESS
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DR1

W

SW

SS

SD

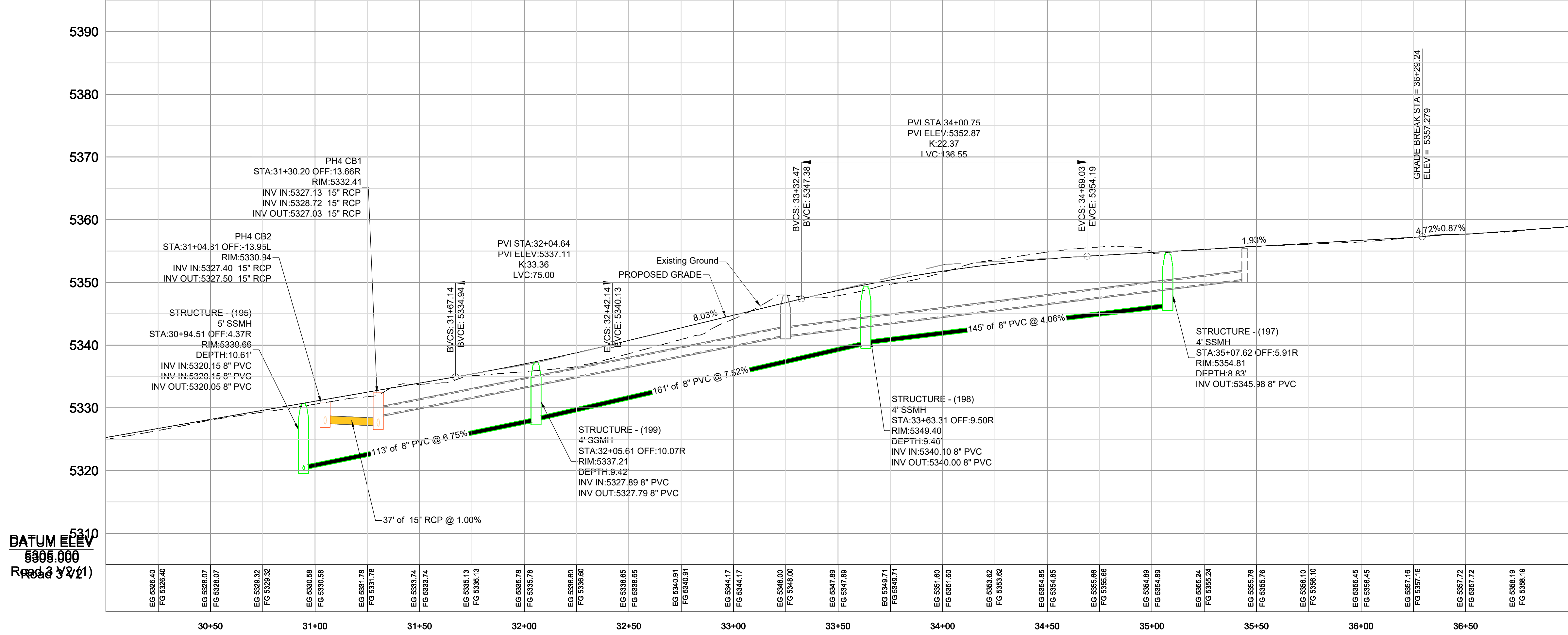
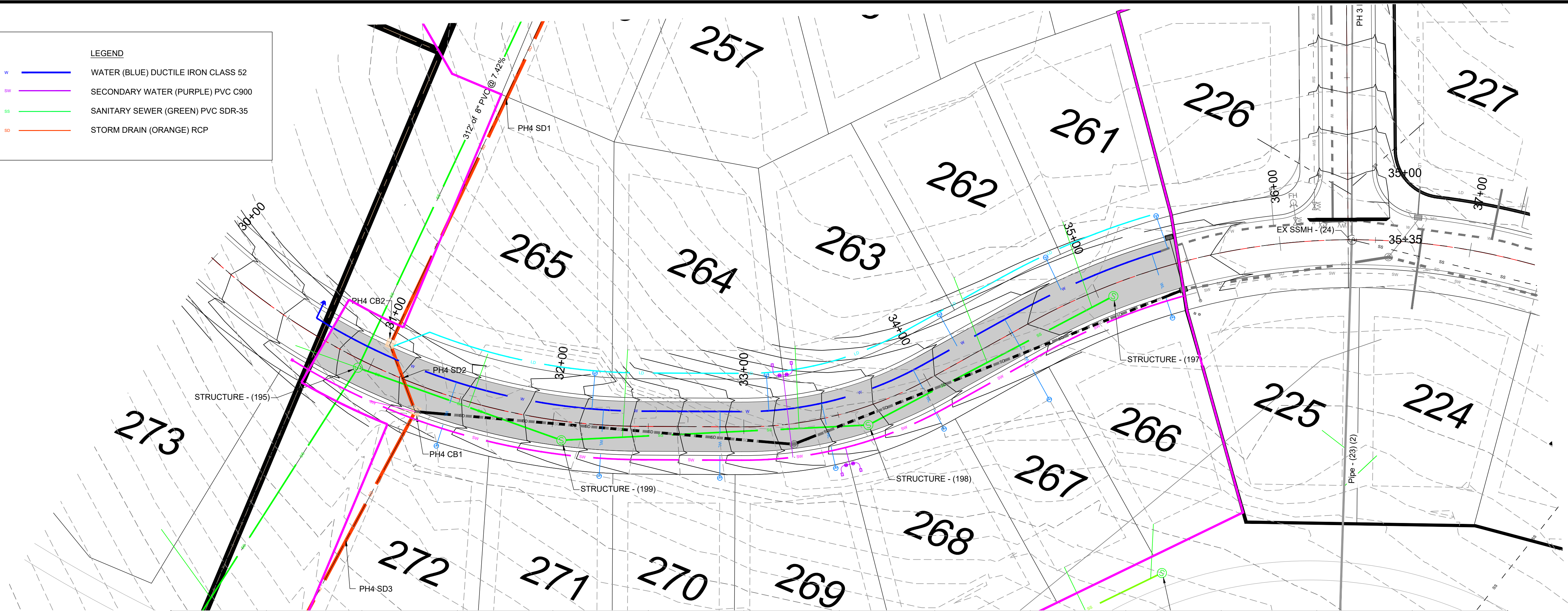
WATER (BLUE) DUCTILE IRON CLASS 52

SECONDARY WATER (PURPLE) PVC C900

SANITARY SEWER (GREEN) PVC SDR-35

STORM DRAIN (ORANGE) RCP

LEGEND

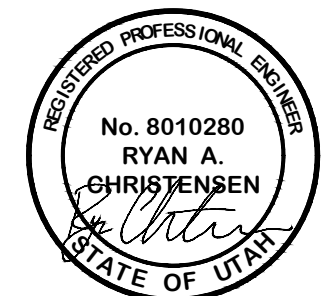


DATUM ELEV
5305.000
Road 3 1/2

DEVELOPER

DEVELOPER COMPANY
DEVELOPER
DEVELOPER ADDRESS
DEVELOPER CITY
DEVELOPER TELEPHONE

SCALE: 1" = 30'	DATE: 5-9-25	DESIGN: KAN	DRAWN: KAN	CHECKED: RC
REV	DATE	DESCRIPTION		
1	8-14-25	REV SEWER		



PLAN AND PROFILE	THE BRIDGES - PARKSIDE PH 4
	PROJECT ADDRESS
	EDEN, WEBER COUNTY, UTAH

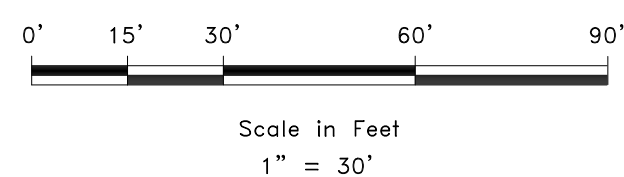
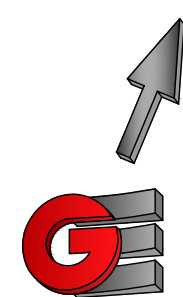
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PP1

\\GE-SERVER\LAND DESKTOP\1201 - LEWIS HOMES\THE BRIDGES_PHASE 4 - PARKSIDE DESIGN\DWG\1201 PARKSIDE PHASE 4.DWG

W

SW

SS

SD

W

SW

SS

SD

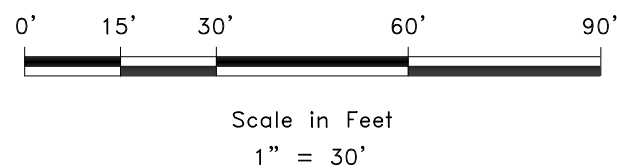
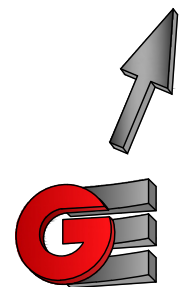
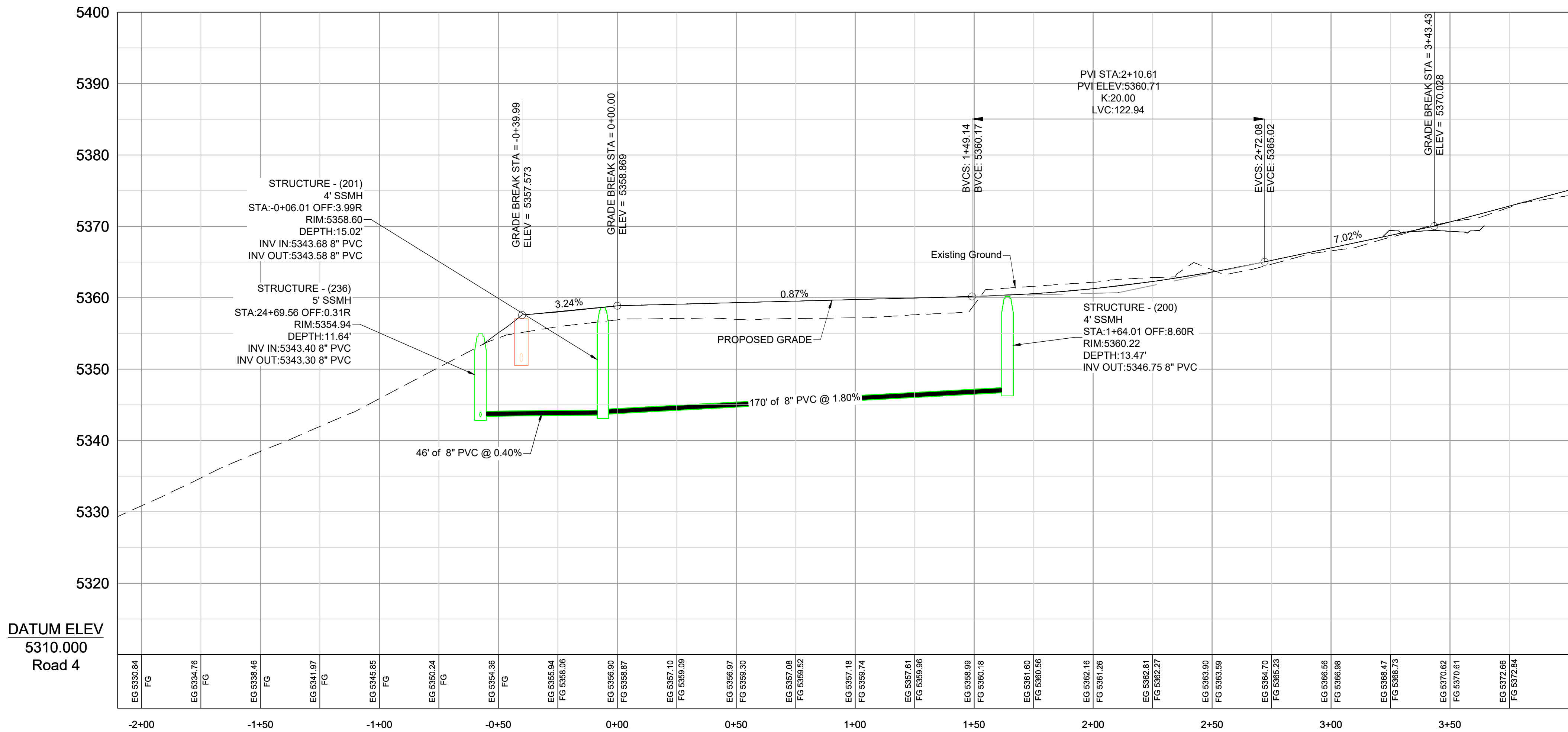
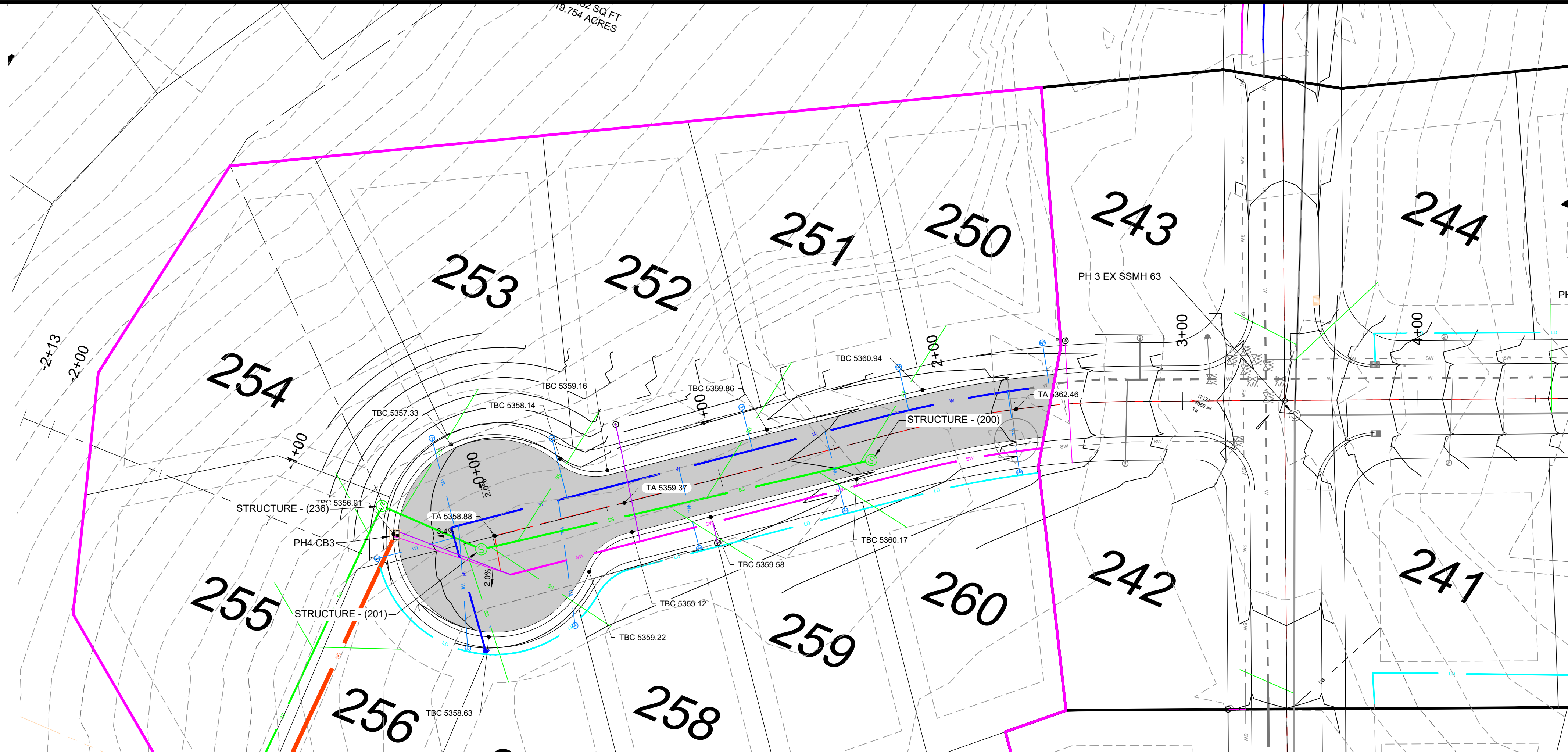
LEGEND

WATER (BLUE) DUCTILE IRON CLASS 52

SECONDARY WATER (PURPLE) PVC C900

SANITARY SEWER (GREEN) PVC SDR-35

STORM DRAIN (ORANGE) RCP



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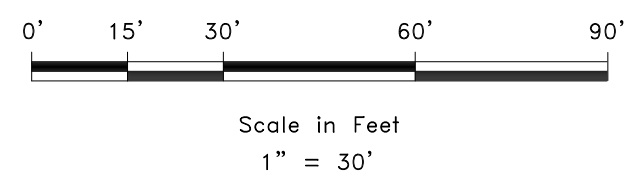
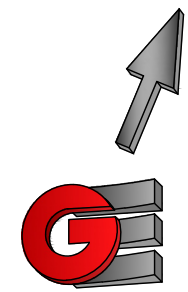
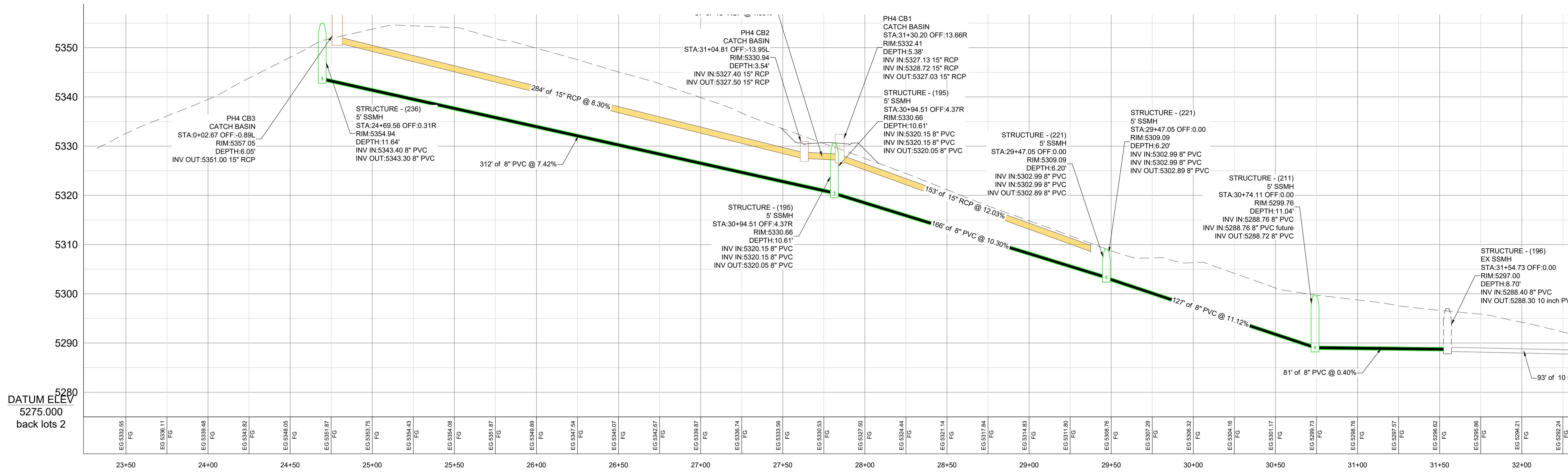
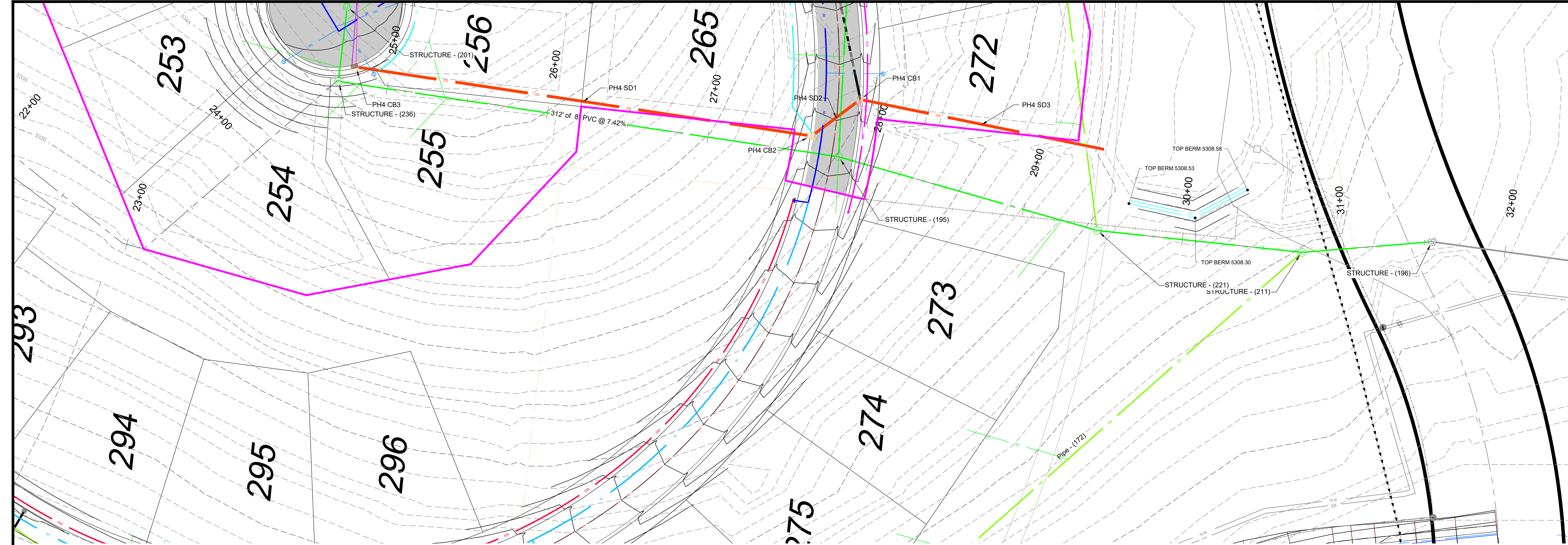
PLAN AND PROFILE
THE BRIDGES - PARKSIDE PH 4
PROJECT ADDRESS
EDEN, WEBER COUNTY, UTAH

DATE	DESCRIPTION
8-14-25	REV SEWER



SCALE: 1" = 30'	DATE: 5-9-25	DESIGN: KAN	DRAWN: KAN	CHECKED: RC

\\GE-SERVER\LAND DESKTOP\1201 - LEWIS HOMES\THE BRIDGES_PHASE 4 - PARKSIDE DESIGN\DWG\ PARKSIDE PHASE 4.DWG



REVISIONS		DATE		DESCRIPTION	

SCALE: 1" = 30'
DATE: 5-9-25
DESIGN: KAN
DRAWN: KAN
CHECKED: RC

DWG:

PLAN AND PROFILE SEWER
THE BRIDGES - PARKSIDE PH 4
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PP3

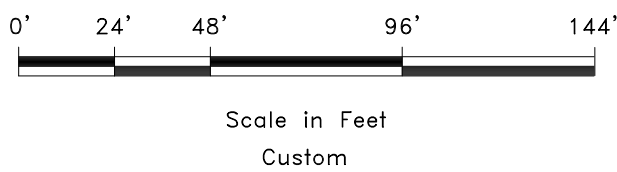
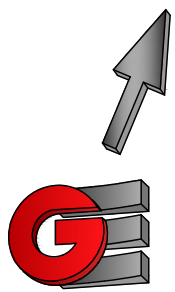
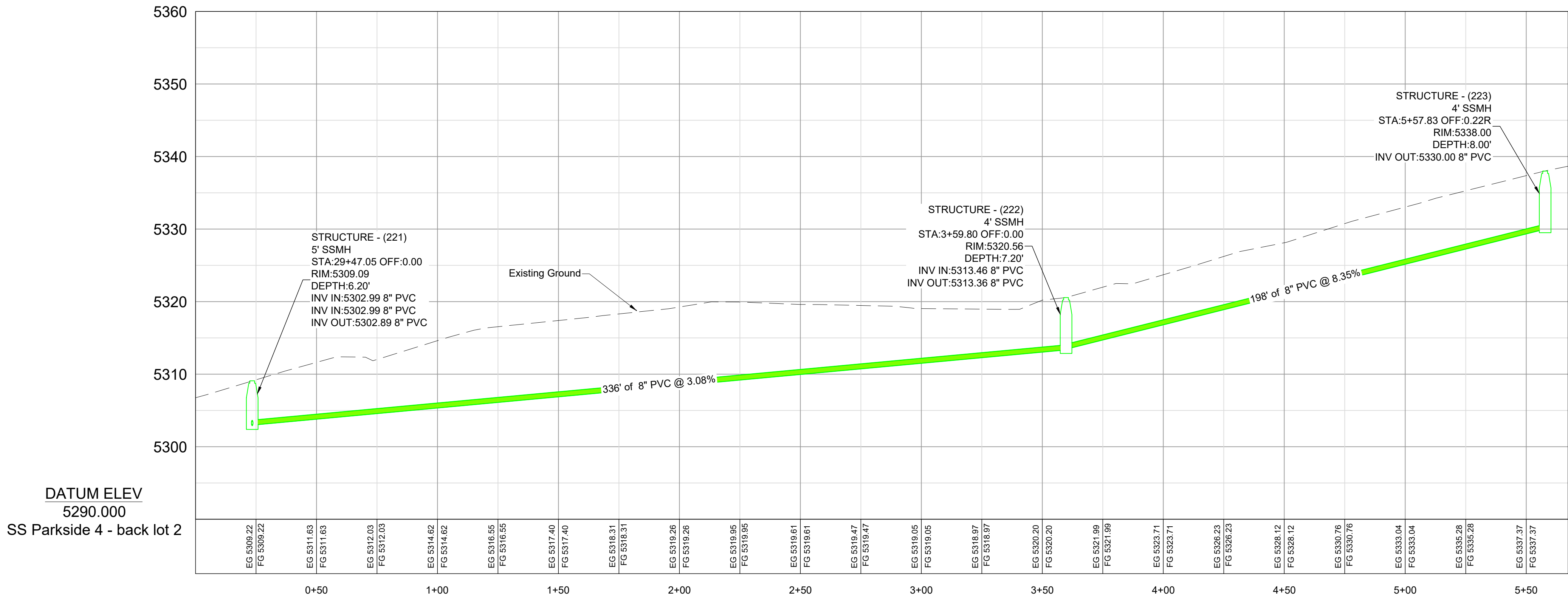
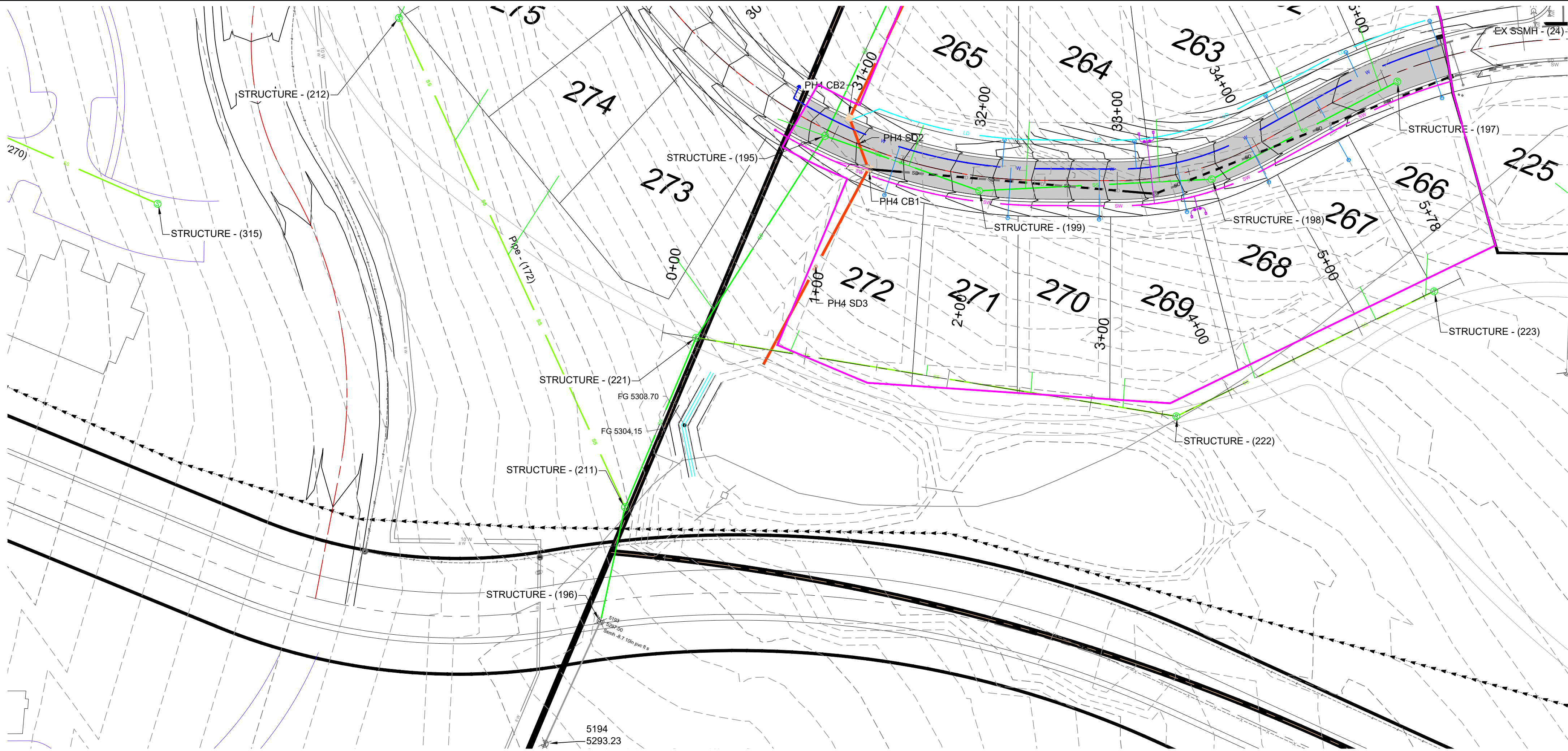
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DEVELOPER

DEVELOPER COMPANY
DEVELOPER
DEVELOPER ADDRESS
DEVELOPER CITY
DEVELOPER TELEPHONE

LEGEND	
	W WATER (BLUE) DUCTILE IRON CLASS 52
	SW SECONDARY WATER (PURPLE) PVC C900
	SS SANITARY SEWER (GREEN) PVC SDR-35
	SD STORM DRAIN (ORANGE) RCP



PLAN AND PROFILE BACK LOT SEWER

THE BRIDGES - PARKSIDE PH 4

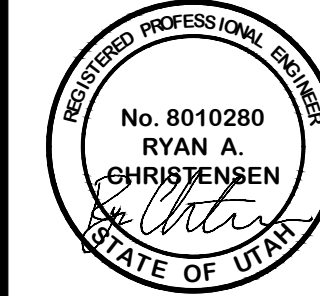
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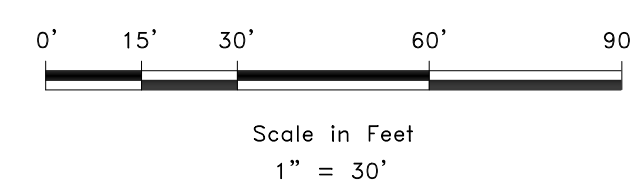
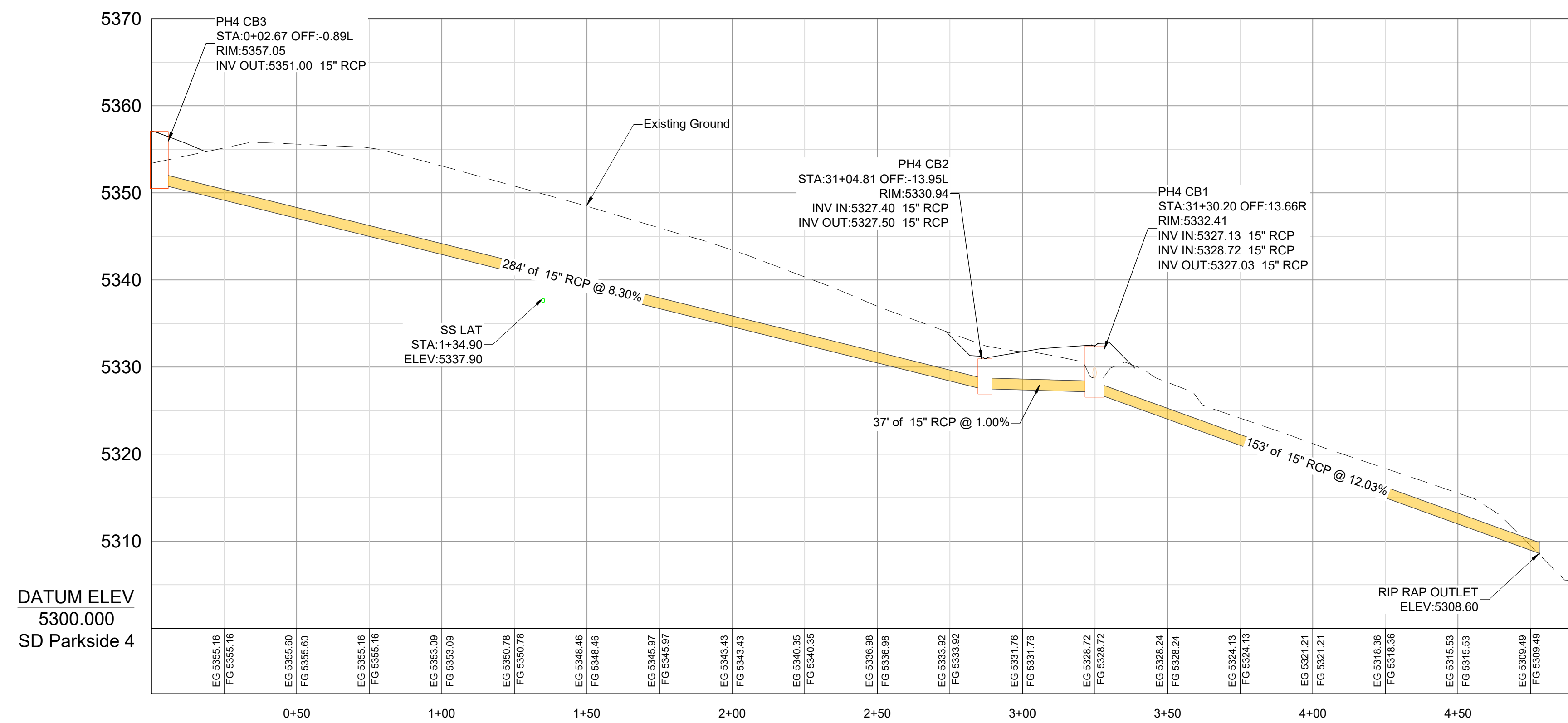
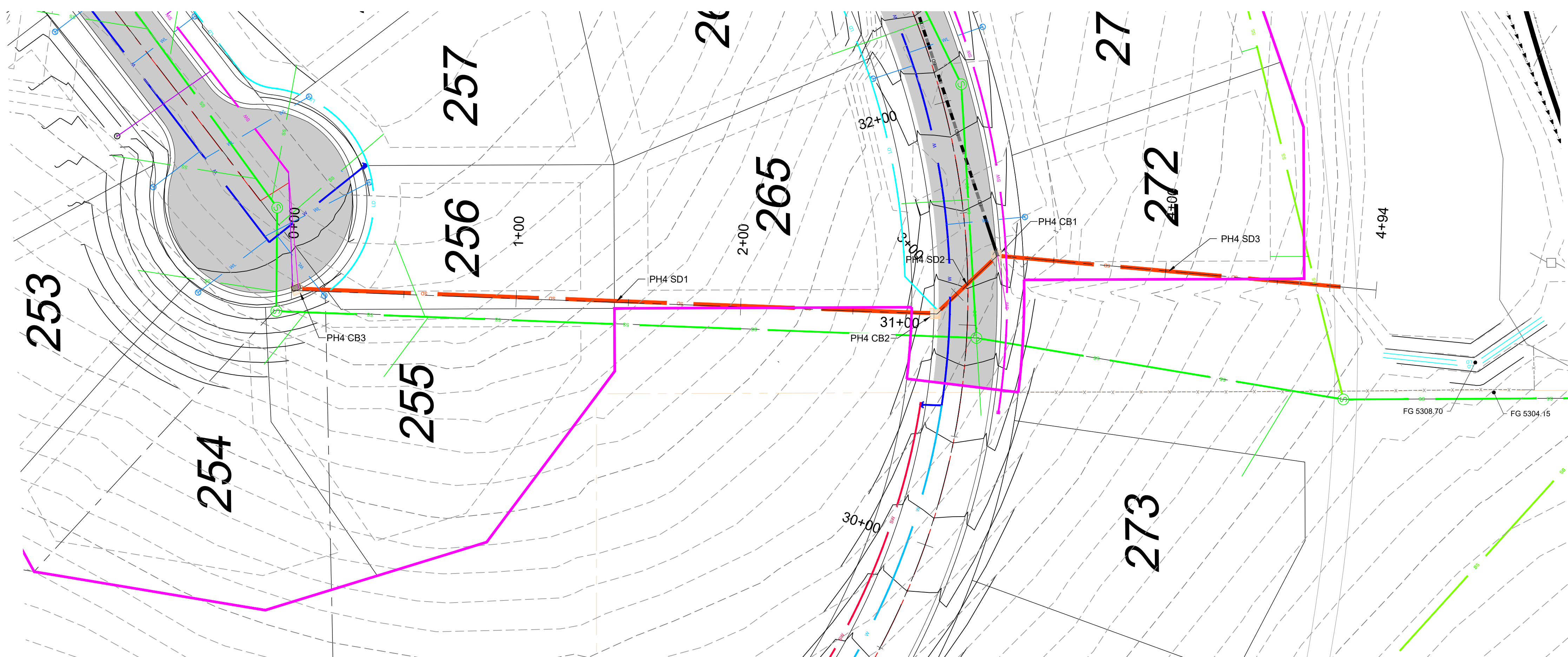
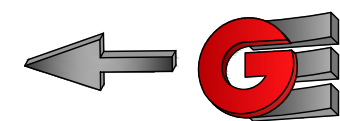
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REVISIONS	
DATE	DESCRIPTION
8-14-25	REV SEWER

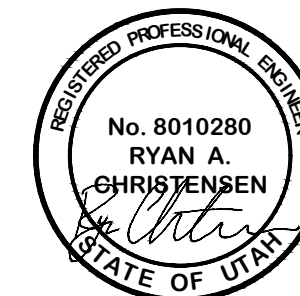


SCALE	Custom
DATE	5-9-25
DESIGN	KAN
DRAWN	KAN
CHECKED	RC

DWG:



REVISIONS	
DATE	DESCRIPTION



PLAN AND PROFILE STORM DRAIN

THE BRIDGES - PARKSIDE PH 4

PROJECT ADDRESS

EDEN, WEBER COUNTY, UTAH



PP5

1 DETAIL 1 Scale: NTS

2 DETAIL 2 Scale: NTS

3 DETAIL 3 Scale: NTS

4 DETAIL 4 Scale: NTS

5 DETAIL 5 Scale: NTS

6 DETAIL 6 Scale: NTS

7 DETAIL 7 Scale: NTS

8 DETAIL 8 Scale: NTS

9 DETAIL 9 Scale: NTS

10 DETAIL 10 Scale: NTS

11 DETAIL 11 Scale: NTS

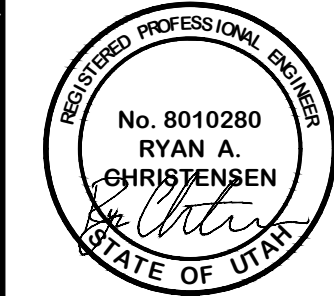
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13 DETAIL 13 Scale: NTS

14 DETAIL 14 Scale: NTS

15 DETAIL 15 Scale: NTS

16 DETAIL 16 Scale: NTS



STANDARD DETAILS
THE BRIDGES - PARKSIDE PH 4
PROJECT ADDRESS

EDEN, WEBER COUNTY , UTAH



CE5-01

REVISIONS		SCALE	NTS
DATE	DESCRIPTION	DATE	
		5-9-25	
		DESIGN	KAN
		DRAWN	KAN
		CHECKED	RC

DWG: \\SE-SERVERS\LAND_DESKTOP\1201 - LEWIS HOMES\THE BRIDGES_PHASE 4 - PARKSIDE\DESIGN\DWG\PARKSIDE_PHASE 4