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Courtney Burdett OpenRoads Imperial

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NO.	ADDENDUM 2 REVISION	BP BY	7-15-26 DATE
MARICOPA COUNTY NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372			
	DESIGNED	B. POE	07/2026
	DRAWN	C. BURDETT	07/2026
	CHECKED	J. BARR	07/2026
	TYLin		
INDEX OF SHEETS			SHEET GN03

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Courtney Burdett OpenRoads Imperial

SUMMARY OF ESTIMATED QUANTITIES

ITEM NUMBER	ITEM DESCRIPTION	UNIT	SHEET NUMBER															SHEET TOTAL	PROJ. TOTAL
			P01	P03	P05	P07	P09	P11	P12	P13	P14	P15	U08	U09	U10				
301.01000	Subgrade Preparation	SY	3657	6064	4590	5853	2670		593	933	275	625						25,260	25,260
310.03001	Aggregate Base Course	CY	1727	2498	1348	1613	679		198	311	92	69						8,535	8,535
321.01202	Asphalt Concrete Pavement (Superpave ½ in Mix, High Traffic)	Ton	398	660	502	638	300		107	168	49							2,822	2,822
321.01302	Asphalt Concrete Pavement (Superpave ¾ in Mix, High Traffic)	Ton	597	989	735	948	382		71	112	33							3,867	3,867
324.01080	Portland Cement Concrete Pavement (PCCP) 8 in Thick	SY										625						625	625
329.01000	Bituminous Tack Coat SS-1h or CSS-1h, Diluted	Ton	1.22	2.03	1.51	1.94	0.78		0.2	0.3	0.09							9	9
340.01110	Vertical Curb & Gutter, Type A, H=6 in, MAG Det 220	LF		719	937	886	348											2,890	2,890
340.01160	Single Curb, Type B, MAG Det 222	LF					43											43	43
340.01210	Concrete Sidewalk, MAG Det 230	SF		5578	6860	6695	3727											22,860	22,860
340.01314	30 ft R Directional Curb Ramp Attached SW Dual Ramp MAG Det 237-1	EA		1														1	1
340.01405	Driveway Entrance, MAG Det 250-1, Commercial/Industrial	SF			254		901											1,155	1,155
340.01459	Driveway 9 in Thick Class A Concrete	SF					154											154	154
340.01479	Driveway, City of Peoria Std Det PE-251-2	SF			769	2240												3,009	3,009
345.01100	Adjust Exist Manhole Frame & Cover, MAG Det 422, Type A	EA	1	5	1	1	4											12	12
345.01200	Adjust Valve Box & Cover, MAG Det 391-1-A	EA	1	9	2	2												14	14
350.01800	Remove Concrete Curb and Gutter	LF		802	621	408												1,831	1,831
350.01803	Remove Concrete Scupper	EA					1											1	1
350.01803	Remove Concrete Single Curb	LF					50											50	50
350.01900	Remove Concrete Sidewalk	SF		2130	2580	2459	683					6078						13,930	13,930
350.01901	Remove Concrete Sidewalk Ramp	EA		2														2	2
350.01905	Remove Post	EA			2	7												9	9
350.02000	Remove Gate	EA			2	1	1	1										5	5
350.02101	Remove Concrete Driveway	SF			223													223	223
350.02155	Remove Asbestos Cement Pipe	LF											29	29	34			92	92
350.02251	Remove Concrete Spillway	SF					172											172	172
350.05000	Remove Guardrail	LF					108											108	108
350.07501	Removal of Pavement	SY	3657	5172	3005	2676	1037		592	931	232							17,302	17,302
350.30005	Remove Barbed Wire Fence	LF		335	482	502	53	349										1,722	1,722
350.31000	Remove Chain Link Fence	LF			353	371	40	114										882	882
350.32000	Remove Block Wall	LF		327	106													433	433
351.01670	New Water Meter and Service Line Tap, COP Std Det PE-363	EA		1														1	1
405.01100	Survey Marker, Type A, MAG Det 120	EA		1														1	1
417.04000	Furnish and Install Barrier Attenuator	EA					1											1	1
421.14100	Barbed Wire Fence, Type 1, ADOT C-12.10	LF		306	504	519	44											1,373	1,373
515.20006	Bollard, Type 1, 6 in Diameter, MAG Det 140	EA										1						1	1
520.01035	Safety Rail, Height 3 ft - 6 in MAG Det 145	LF				151	247											398	398
610.27601	Remove Existing Hydrant and Replace, Peoria Std PE-350-2	EA		1														1	1
610.27602	Remove Existing Fire Hydrant and Replace, Glendale Std G-660	EA		1														1	1

NOTES:
1. See Sheet SB04 for Bridge Quantity Summary.
2. See Sheet SN03 for Signing and Pavement Marking Quantity Summary.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
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NO.	ADDENDUM 2 REVISION	BP BY	08/26 DATE
MARICOPA COUNTY NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372		DESIGNED B. POE DRAWN C. BURDETT CHECKED J. BARR BY DATE 07/2026 07/2026 07/2026	
TYLin			
QUANTITY SUMMARY			SHEET QS01

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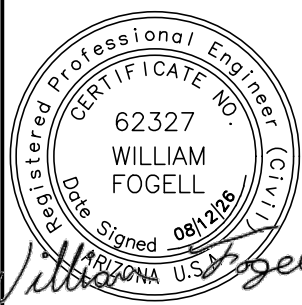
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SUMMARY OF ESTIMATED DRAINAGE QUANTITIES

ITEM NUMBER	ITEM DESCRIPTION	UNIT	SHEET NUMBER									TOTAL
			DR01	DR02	DR03	DR04	DR05	DR06	DR07	DR08	DR09	
301.01000	Subgrade Prep	SF				84						84
310.03001	Aggregate Base Course	CY				2						2
321.01202	Asphalt Concrete Pavement (Superpave 1/2 in Mix, High Traffic)	Ton				4						4
215.01100	Channel Excavation	CY	1680	1500								3180
215.01510	Earthwork for Retention Basins	CY	5239	14706	14665	1159		8400				44169
220.10150	Riprap, D50=6 in	CY	10	18	3	7	43	7				88
220.10225	Riprap, D50=9 in	CY	32	31	22							85
220.10300	Riprap, D50=12 in	CY				70						70
220.20300	Grouted Riprap, D50=12 in	CY				18						18
301.13012	Maintenance Road, FCD Det FCD201-2	SF	206					41				247
350.01100	Remove Pipe, Backfill & Compact, D<30 in	LF		66	82	200						348
350.01500	Remove Headwall	EA		2	2	1						5
350.01800	Remove Concrete Curb & Gutter	LF						310				310
350.01803	Remove Scupper	EA	1	2	1							4
350.01997	Remove Junction Structure	EA				1						1
350.02000	Remove Gate	EA						1				1
350.07501	Removal of Pavement	SY				84		2538				2622
350.31000	Remove Chain Link Fence	LF						512				512
420.00126	6 ft Chain Link Fence, Type 1, ADOT C-12.20	LF						1080				1080
420.02624	6 ft x 24 ft Chain Link Fence Gate, MAG Det 160	EA						1				1
505.06508	Concrete Scupper, MAG Det 206, S/W=6 ft, 2-4 ft Curb Opening	EA		2	1							3
505.06512	Concrete Scupper Spillway, MAG Det 206, 2-4 ft Curb Opening	LF		138	62							200
505.06513	Concrete Scupper Spillway, MAG Det 206, 3-4 ft Curb Opening	LF	36		30							66
505.06514	Concrete Scupper, MAG Det 206, S/W=8 ft, 2-4 ft Curb Opening	EA		2	1							3
505.06516	Concrete Scupper Spillway, MAG Det 206, 5-4 ft Curb Opening	LF	22									22
505.06517	Concrete Scupper, MAG Det 206, S/W=8 ft, 3-4 ft Curb Opening	EA	2		1							3
505.06518	Concrete Scupper, MAG Det 206, S/W=8 ft, 5-4 ft Curb Opening	EA	1									1
505.12311	Double Catch Basin, ADOT C-15.81, Modified	EA			1							1

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	6	224	

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NO.	ADDENDUM 2 REVISIONS REVISION	BF/JW BY	08/26 DATE
MARICOPA COUNTY 			
NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372			
		BY	DATE
	DESIGNED	BF	8/12/2026
	DRAWN	BF, JW, MM, AB, GT	8/12/2026
	CHECKED	JH	8/12/2026
			
QUANTITY SUMMARY			SHEET Q502

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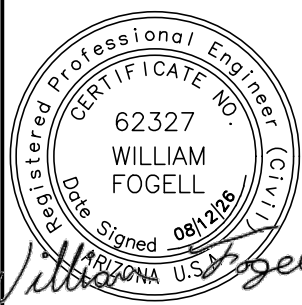
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SUMMARY OF ESTIMATED DRAINAGE QUANTITIES

ITEM NUMBER	ITEM DESCRIPTION	UNIT	SHEET NUMBER									TOTAL
			DR01	DR02	DR03	DR04	DR05	DR06	DR07	DR08	DR09	
505.12312	Triple Catch Basin, ADOT C-15.81, Modified	EA				1						1
505.15117	Catch Basin, MAG Det 542-1, Type M-1, L=17 ft	EA	3	1	1	1						6
505.33000	Sediment Trap, MAG Det OROW-511	EA	3	4	3							10
510.14836	Concrete Junction Box, 1-48 in (in) 2-36 in (out), Special Detail D2	EA			1							1
520.01035	Safety Rail, Height 3 ft - 6 in, MAG Det 145	LF	140	138	127	24		24				453
523.10119	Headwall, Det 5524, Straight Type, 18 in Pipe, Modified	EA	1									1
523.10231	Headwall, Det 5524, Straight Type, 2-30 in Pipe, Modified	EA		2								2
523.12119	Headwall, Det 5524, U Type, 18 in Pipe, Modified	EA	2	1	1	1						5
523.12125	Headwall, Det 5524, U Type, 24 in Pipe, Modified	EA			2							2
523.12137	Headwall, Det 5524, U Type, 36 in Pipe, Modified	EA						1				1
523.15119	Headwall, Drop Inlet, MAG Det 501-5, 18 in Pipe, Modified	EA	1									1
523.15125	Headwall, Drop Inlet, MAG Det 501-5, 24 in Pipe, Modified	EA						1				1
523.15149	Headwall, Drop Inlet, MAG Det 501-5, 48 in Pipe, Modified	EA			1							1
523.20120	Outlet Barrier Gate For 24" Pipe, ADOT Std. Det C-13.75	EA				1						1
523.20122	Outlet Barrier Gate For 36" Pipe, ADOT Std. Det C-13.75	EA				2						2
523.32000	Headwall, Outlet, Special Detail	EA				2						2
618.00818	Pipe Plug, MAG Det 427, 18 in Pipe	EA				1			1	2	2	6
618.00836	Pipe Plug, MAG Det 427, 36 in Pipe	EA									1	1
618.20418	18 in RGRCP, Class IV	LF	269	158	132	99			8	16	16	698
618.20424	24 in RGRCP, Class IV	LF			176	192		104				472
618.20430	30 in RGRCP, Class IV	LF		70								70
618.20436	36 in RGRCP, Class IV	LF			80	386		180	350	500	28	1524
618.20448	48 in RGRCP, Class IV	LF			24							24
625.01100	Storm Drain Manhole, MAG Det 520 & 522	EA	2		1	1		1	1	2	1	9
625.01107	Storm Drain Outlet, ADOT Det C-13.76	EA						1				1
625.10230	Drywell, MaxWell Plus or Equal, Basic Depth 30 ft	EA		1	1			1				3

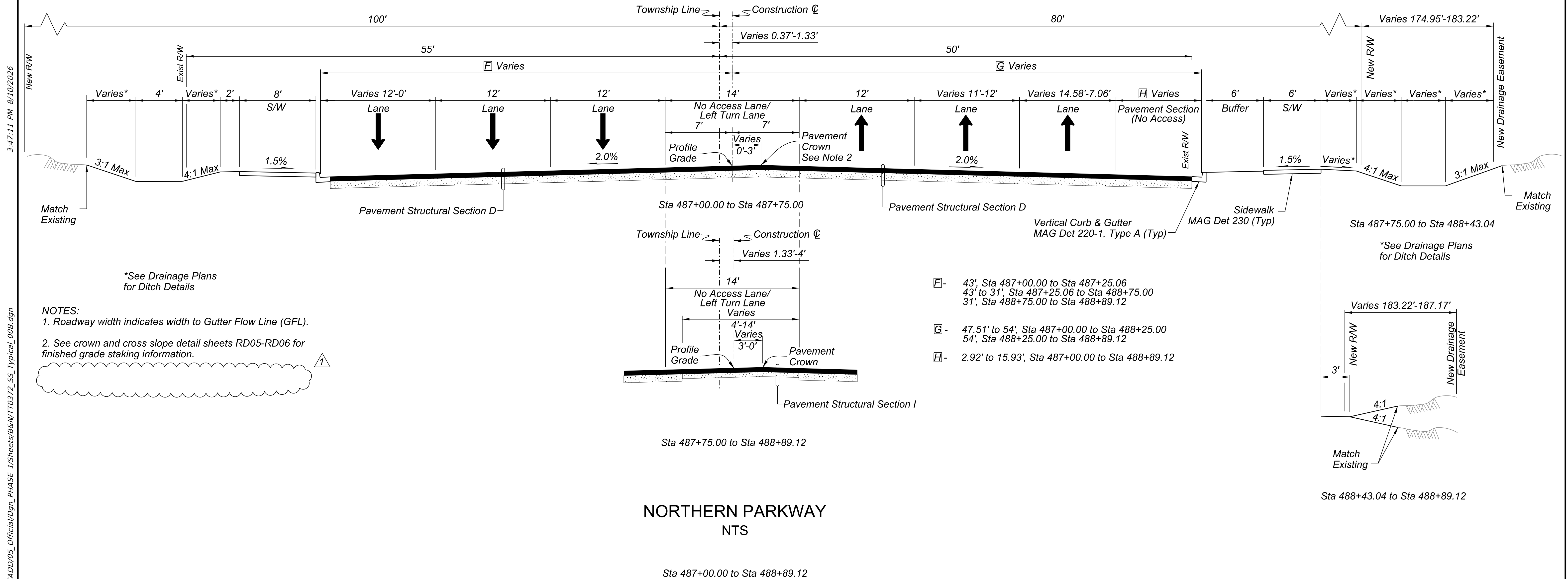
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NO.	ADDENDUM 2 REVISIONS REVISION	BF/JW BY	08/26 DATE
MARICOPA COUNTY 			
NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372			
		BY	DATE
	DESIGNED	BF	8/12/2026
	DRAWN	BF, JW, MM, AB, GT	8/12/2026
	CHECKED	JH	8/12/2026
			
QUANTITY SUMMARY			SHEET Q503

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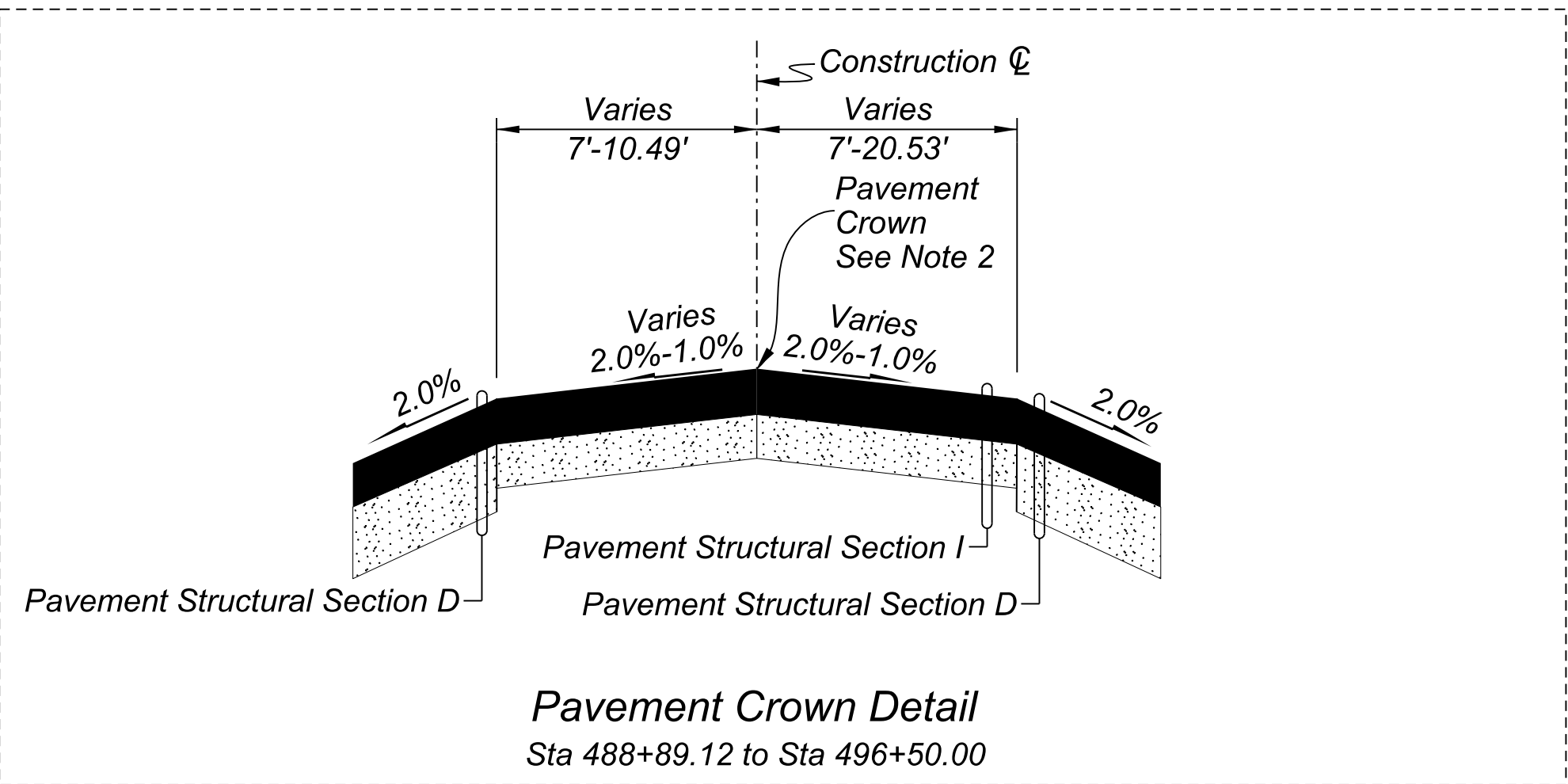
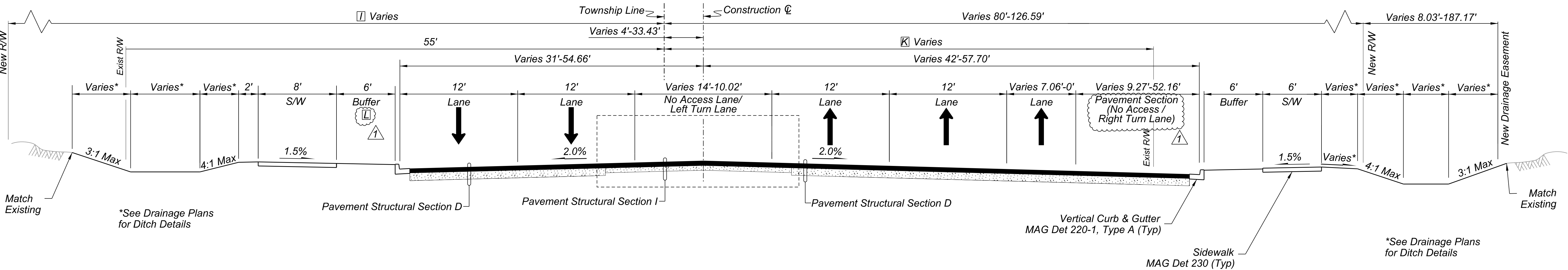
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		ADDENDUM 2 REVISION REVISION		JGM BY		07/15/26 DATE	
 MARICOPA COUNTY 							
NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372							
		DESIGNED		BY		DATE	
		DRAWN		C. STARK		07/2026	
		CHECKED		D. LENZER		07/2026	
BURGESS & NIPLE 1230 W. WASHINGTON ST. SUITE 511 TEMPE, AZ 85288							
TYPICAL SECTION						SHEET TY02	

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NORTHERN PARKWAY NTS

Sta 488+89.12 to Sta 496+50.00

- 1 - 100', Sta 488+89.12 to Sta 493+01.33
125', Sta 493+00.57 to Sta 496+50.00
- 2 - 50', Sta 488+89.12 to Sta 489+19.28
55', Sta 489+19.28 to Sta 496+50.00
- 3 - 0', Sta 488+89.12 to Sta 489+02.55
0' to 6', Sta 489+02.55 to Sta 489+12.84
- 4 - 0' (Ends) at Sta 490+44.47, 29.74' Rt

- NOTES:
- Roadway width indicates width to Gutter Flow Line (GFL).
 - See crown and cross slope detail sheets RD06-RD07 for finished grade staking information.



ADDENDUM 2 REVISION	JGM	08/10/26
REVISION	BY	DATE

79706
JAMES G.
MCCAIG

Professional Engineer No. 891108

BURGESS & NIPLE

1230 W. WASHINGTON ST. SUITE 511
TEMPE, AZ 85288

DESIGNED

G. MCCAIG

07/2026

DRAWN

C. STARK

07/2026

CHECKED

D. LENZER

07/2026

BY		DATE
DESIGNED		07/2026
DRAWN		07/2026
CHECKED		07/2026

BURGESS & NIPLE

1230 W. WASHINGTON ST. SUITE 511
TEMPE, AZ 85288

TYPICAL SECTION

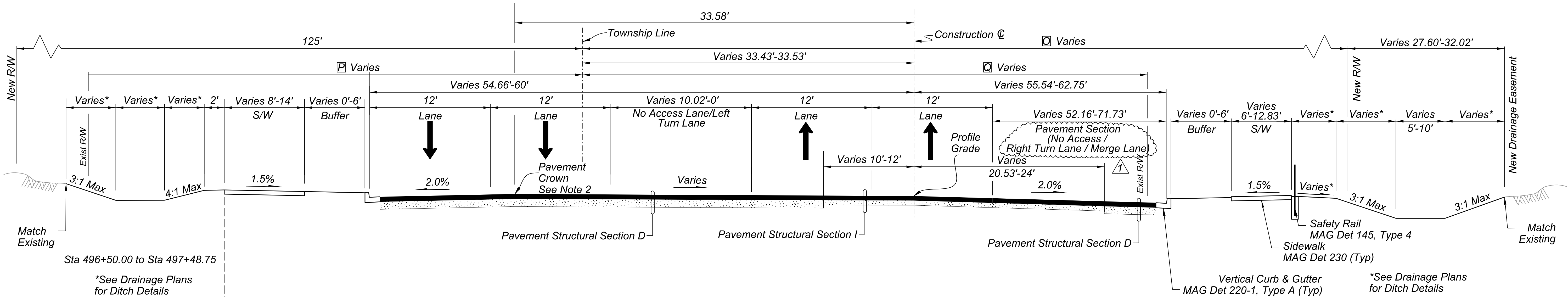
SHEET
TY03

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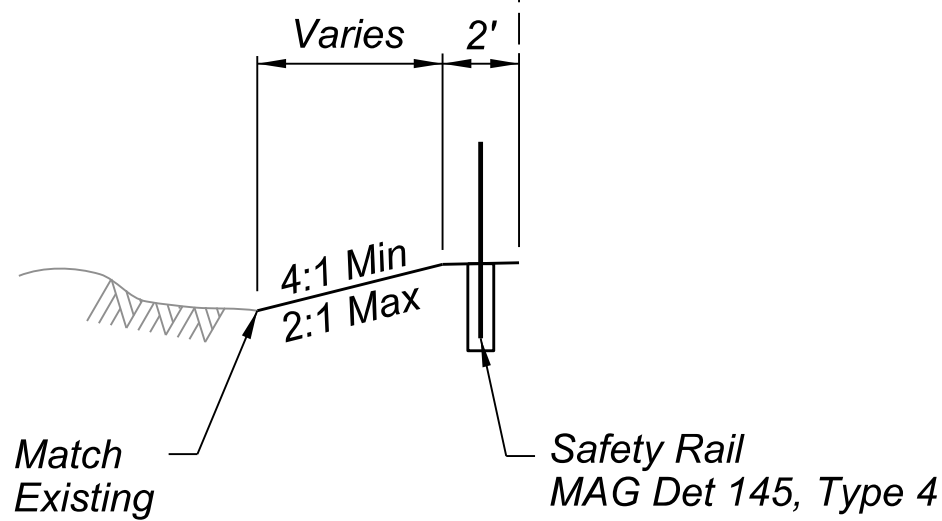
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
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NORTHERN PARKWAY NTS

Sta 496+50.00 to Sta 499+81.00

- 110.10', Sta 496+50.00 to Sta 497+73.56
110.10' to 111.36', Sta 497+73.56 to Sta 498+47.61
111.36', Sta 498+47.61 to Sta 499+48.28
- 55', Sta 496+50.00 to Sta 496+79.32
55' to 100', Sta 496+79.32 to Sta 498+81.38
40.11', Sta 498+81.38 to Sta 499+81.00
- 55', Sta 496+50.00 to Sta 497+28.81
55' to 100.14', Sta 497+28.81 to Sta 499+48.50



Sta 497+48.75 to Sta 499+81.00

Begin Safety Rail Sta 498+99.98
End Safety Rail Sta 499+60 and
Connect to Existing Fence

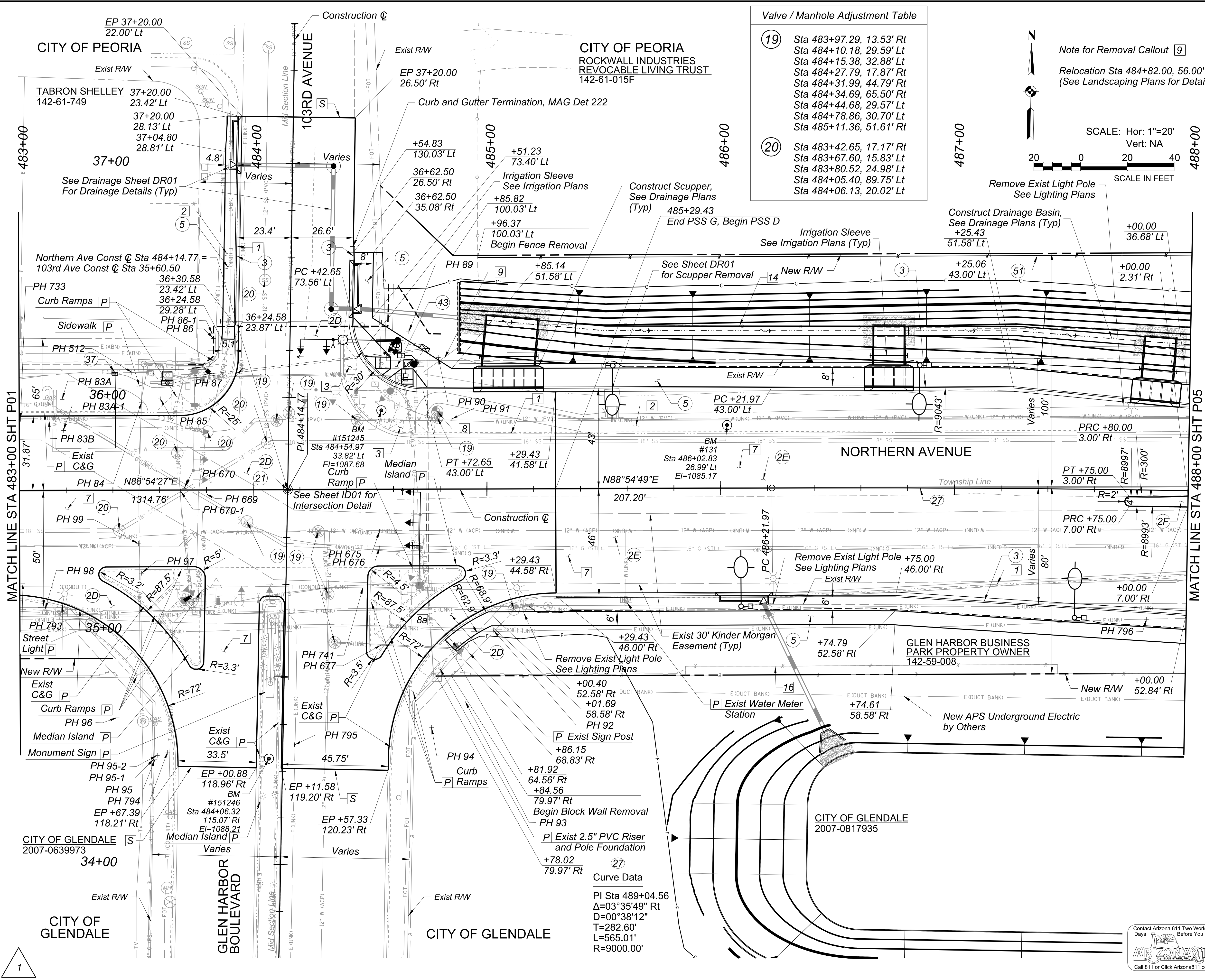
- NOTES:
- Roadway width indicates width to Gutter Flow Line (GFL).
 - See crown and cross slope detail sheets RD07-RD08 for finished grade staking information.

NO.	ADDENDUM 2 REVISION	JGM	08/10/26
NO.	REVISION	BY	DATE
MARICOPA COUNTY			
NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372			
DESIGNED		BY	DATE
DRAWN		G. MCCAIG	07/2026
CHECKED		C. STARK	07/2026
		D. LENZER	07/2026
BURGESS & NIPLE			
1230 W. WASHINGTON ST. SUITE 511 TEMPE, AZ 85288			
TYPICAL SECTION			SHEET TY04

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Valve / Manhole Adjustment Table

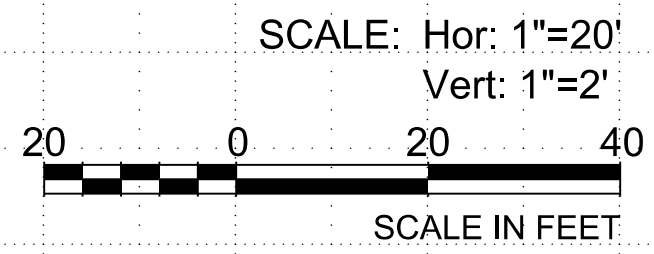
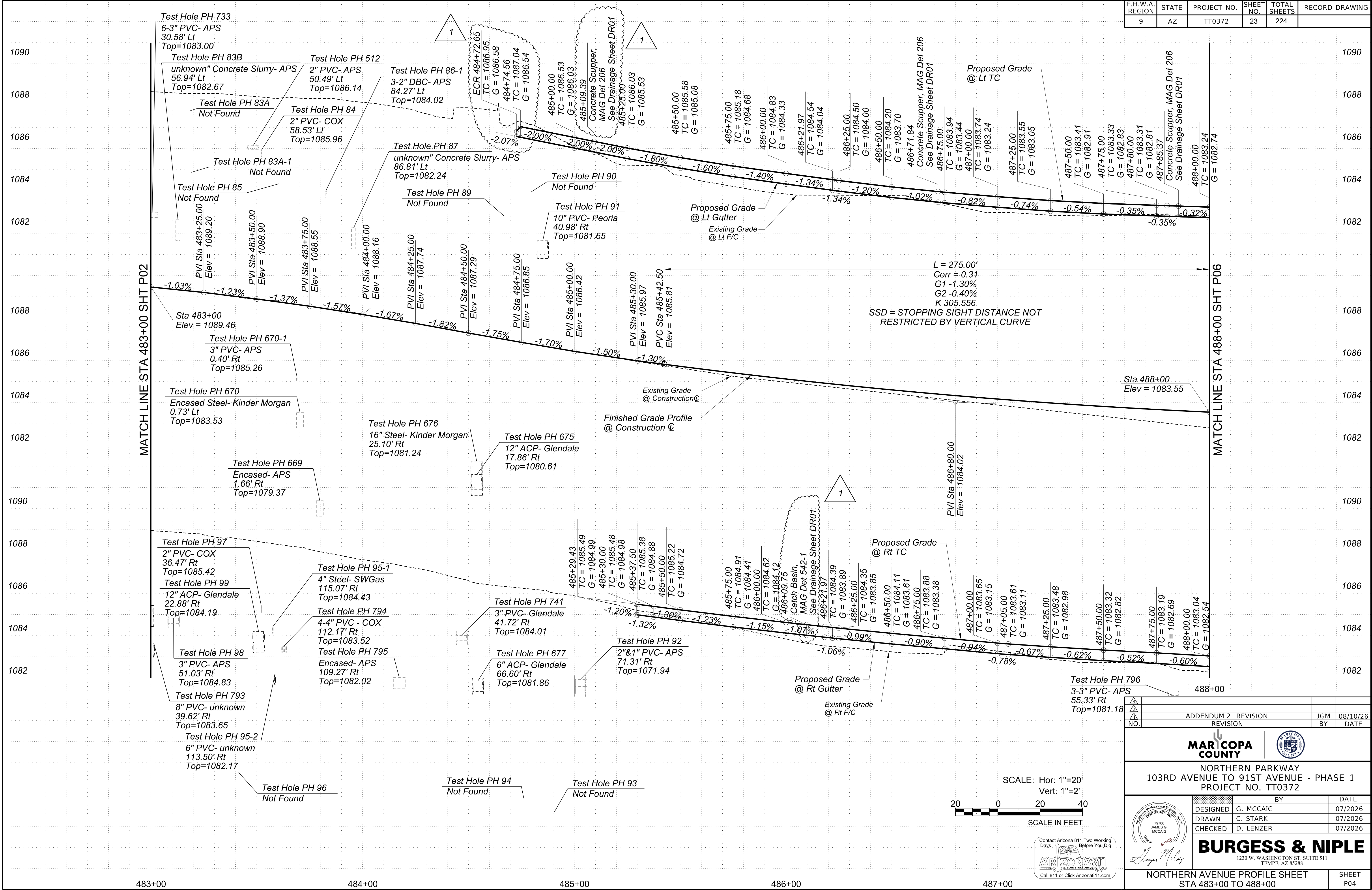
19	Sta 483+97.29, 13.53' Rt Sta 484+10.18, 29.59' Lt Sta 484+15.38, 32.88' Rt Sta 484+27.79, 17.87' Rt Sta 484+31.99, 44.79' Rt Sta 484+34.69, 65.50' Rt Sta 484+44.68, 29.57' Lt Sta 484+78.86, 30.70' Lt Sta 485+11.36, 51.61' Rt
20	Sta 483+42.65, 17.17' Rt Sta 483+67.60, 15.83' Lt Sta 483+80.52, 24.98' Lt Sta 484+05.40, 89.75' Lt Sta 484+06.13, 20.02' Lt

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	22	224	
□ REMOVAL / RELOCATE □					
1	Remove Existing Concrete Curb/Curb and Gutter				802 LF
2	Remove Existing Concrete Sidewalk				2130 SF
3	Remove Existing Sidewalk Ramp				2 EA
7	Remove Asphalt Concrete				5172 SY
8	Remove Existing Hydrant and Replace, COP Std Det PE-360				1 EA
8a	Remove and Relocate Existing Fire Hydrant, COG Std Det G-660				1 EA
9	Remove and Relocate Existing Water Meter, Water Service, COP Std Det PE-363 (See Note)				1 EA
14	Remove Existing Barbed Wire Fence				335 LF
16	Remove Existing Block Wall				327 LF
S	Sawcut and Match Existing Roadway				P Protect in Place
○ CONSTRUCTION ○					
2D	Construct Roadway Pavement Section G Subgrade Preparation				3450 SY
	17" Aggregate Base Course				1629 CY
	2" Asphalt Concrete Pavement (Superpave 1/2" Mix, High Traffic)				375 Ton
	3" Asphalt Concrete Pavement (Superpave 3/4" Mix, High Traffic)				563 Ton
	Tack Coat				1.15 Ton
2E	Construct Roadway Pavement Section D Subgrade Preparation				2601 SY
	12" Aggregate Base Course				867 CY
	2" Asphalt Concrete Pavement (Superpave 1/2" Mix, High Traffic)				283 Ton
	3" Asphalt Concrete Pavement (Superpave 3/4" Mix, High Traffic)				424 Ton
	Tack Coat				0.87 Ton
2F	Construct Roadway Pavement Section I Subgrade Preparation				13 SY
	4" Aggregate Base Course				1 CY
	2" Asphalt Concrete Pavement (Superpave 1/2" Mix, High Traffic)				1 Ton
	3" Asphalt Concrete Pavement (Superpave 3/4" Mix, High Traffic)				2 Ton
	Tack Coat				0.01 Ton
3	Construct Vertical Curb and Gutter, MAG Det 220-1, Type A				719 LF
5	Construct Sidewalk, MAG Det 230				5578 SF
19	Adjust Valve Box & Cover, MAG Det 391, Type A				9 EA
20	Adjust Manhole to Grade, MAG Det 422				5 EA
21	Install Survey Marker, MAG Det 120, Type A				1 EA
37	New Water Meter and Service Line Tap, COP Std Det PE-363 Sta 483+41.02, 49.85' Lt				1 EA
43	Construct 30' R Directional Dual Curb Ramps, MAG Det 237-1, Attached Sidewalk, See Sheet RD01 for Details				1 EA
51	Construct Barbed Wire Fence, Type 1, ADOT C-12.10				306 LF
◇ BY OTHERS ◇					
1	Remove and Relocate Electrical Facilities by Others				
A					
A					
A	ADDENDUM 2 REVISION				JGM 08/10/26
NO.	REVISION				BY DATE
MARICOPA COUNTY 79706 JAMES C. MCCAIG 8/1/2026 AMERICAN COUNCIL OF COUNTY ENGINEERS 79706 JAMES C. MCCAIG 8/1/2026					
NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372					
				BY	DATE
DESIGNED				G. MCCAIG	07/2026
DRAWN				C. STARK	07/2026
CHECKED				D. LENZER	07/2026
BURGESS & NIPLE 1230 W. WASHINGTON ST. SUITE 511 TEMPE, AZ 85288 NORTHERN AVENUE PLAN SHEET STA 483+00 TO 488+00					
					SHEET P03

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	23	224	



NO.	ADDENDUM 2 REVISION	JGM	08/10/26
BY	REVISION	DATE	
MARICOPA COUNTY			
NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372			
DESIGNED	G. MCCAIG	07/2026	
DRAWN	C. STARK	07/2026	
CHECKED	D. LENZER	07/2026	
BURGESS & NIPLE 1230 W. WASHINGTON ST. SUITE 511 TEMPE, AZ 85288			
NORTHERN AVENUE PROFILE SHEET STA 483+00 TO 488+00			SHEET P04

TRACS NO.

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488+00

MATCH LINE STA 488+00 SHT P03

1

Sidewalk Locations	
①	Sta 489+19.13, 60.58' Rt
②	Sta 489+19.13, 66.58' Rt
③	Sta 489+26.21, 63.47' Rt
④	Sta 489+21.96, 67.74' Rt
⑤	Sta 489+29.79, 66.97' Rt
⑥	Sta 489+25.54, 71.25' Rt
⑦	Sta 489+37.02, 69.85' Rt
⑧	Sta 489+37.12, 75.85' Rt
⑨	PT Sta 489+43.31, 69.75' Rt
⑩	Sta 489+43.41, 75.75' Rt

489+00

Sidewalk Locations	
⑪	PC Sta 489+67.50, 69.31' Rt
⑫	Sta 489+67.61, 75.31' Rt
⑬	Sta 489+73.11, 69.20' Rt
⑭	Sta 489+73.23, 75.20' Rt
⑮	Sta 489+81.57, 64.29' Rt
⑯	Sta 489+86.78, 67.34' Rt
⑰	Sta 489+86.22, 56.47' Rt
⑱	Sta 489+91.43, 59.51' Rt
⑲	Sta 490+00.11, 48.58' Rt
⑳	Sta 490+00.11, 54.58' Rt

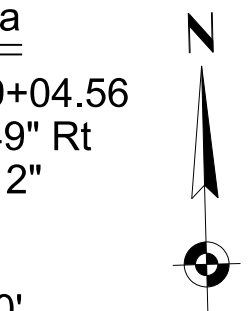
490+00

Sidewalk Locations	
⑳	Sta 491+09.71, 48.58' Rt
㉑	Sta 491+09.44, 54.58' Rt
㉒	Sta 491+58.52, 52.74' Rt
㉓	Sta 491+59.63, 58.85' Rt
㉔	Sta 491+69.43, 47.61' Rt
㉕	Sta 491+70.55, 53.73' Rt
㉖	Sta 492+01.05, 50.16' Rt
㉗	Sta 491+98.97, 56.02' Rt
㉘	Sta 492+10.85, 57.00' Rt
㉙	Sta 492+08.77, 62.84' Rt

491+00

Sidewalk Locations	
㉚	Sta 492+59.65, 61.22' Rt
㉛	Sta 492+59.34, 67.21' Rt
㉜	Sta 492+84.73, 61.73' Rt
㉝	Sta 492+86.18, 67.76' Rt
㉞	Sta 492+95.25, 55.99' Rt
㉟	Sta 492+96.69, 62.03' Rt
㊱	Sta 488+75.30, 39.58' Lt
㊲	Sta 488+75.02, 31.58' Lt
㊳	Sta 489+00.40, 39.58' Lt
㊴	Sta 489+02.55, 31.58' Lt

27
Curve Data
PI Sta 489+04.56
Δ=03°35'49" Rt
D=00°38'12"
T=282.60'
L=565.01'
R=9000.00'

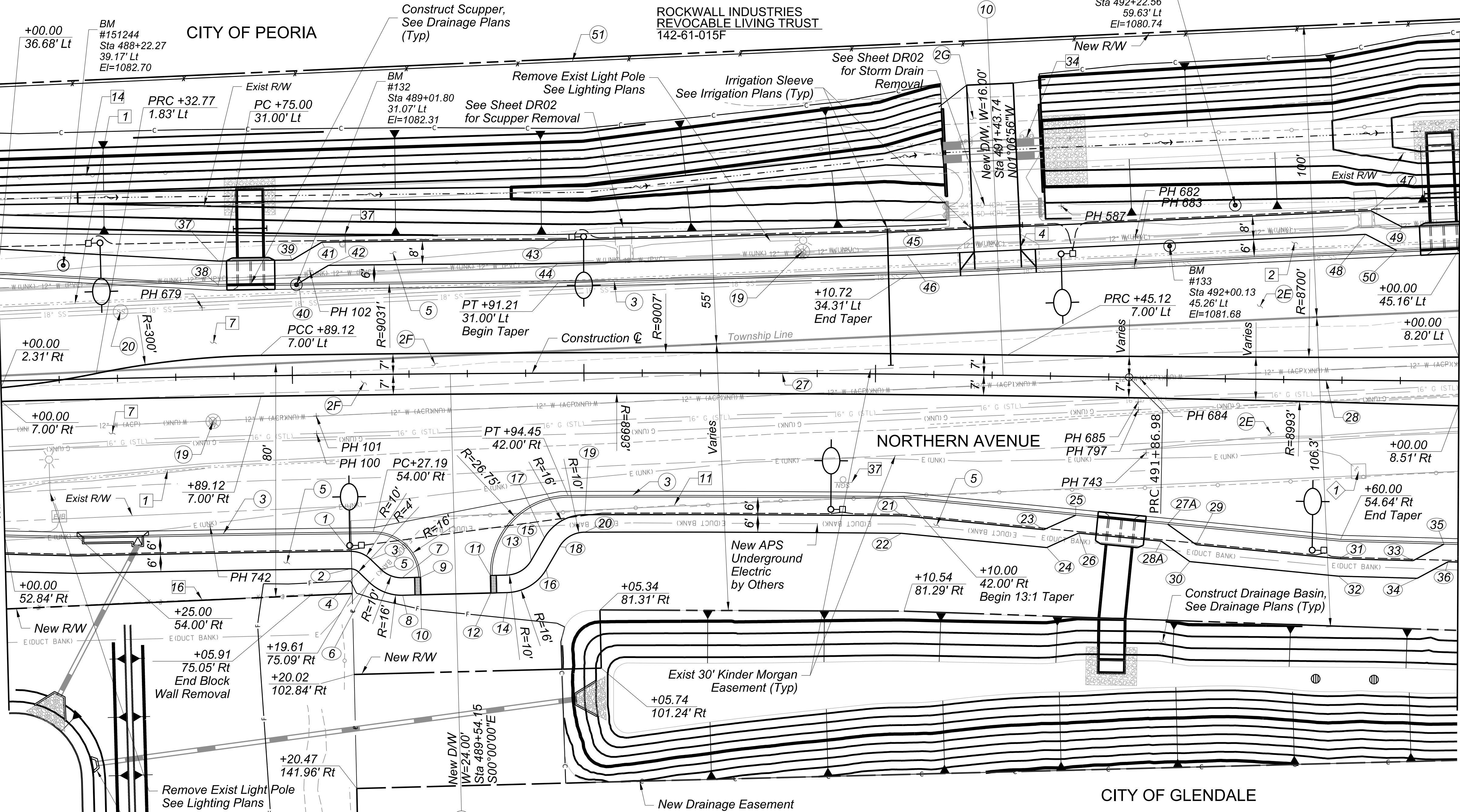


28
Curve Data
PI Sta 494+38.20
Δ=03°35'50" Lt
D=00°42'58"
T=251.22'
L=502.27'
R=8000.00'

SCALE: Hor: 1"=20'
Vert: NA
SCALE IN FEET

493+00

MATCH LINE STA 493+00 SHT P07



Remove Exist Light Pole
See Lighting Plans
CITY OF GLENDALE
2007-0817935

See Drainage Sheet DR02
For Drainage Details (Typ)

Sidewalk Locations	
㉙	Sta 489+10.70, 45.58' Lt
㉚	Sta 489+12.84, 37.58' Lt
㉛	Sta 489+91.06, 45.58' Lt
㉜	Sta 489+91.14, 37.58' Lt
㉝	Sta 491+10.08, 48.88' Lt

Sidewalk Locations	
㉞	Sta 491+10.43, 40.89' Lt
㉟	Sta 492+69.45, 58.22' Lt
㊱	Sta 492+67.72, 50.11' Lt
㊲	Sta 492+80.22, 52.77' Lt
㊳	Sta 492+78.48, 44.67' Lt

Valve / Manhole Adjustment Table	
㉙	Sta 488+72.59, 15.32' Rt Sta 490+74.70, 41.76' Lt
㉚	Sta 488+41.51, 22.83' Lt

CITY OF GLENDALE
MG SPORTS COMPLEX LLC
142-60-009A

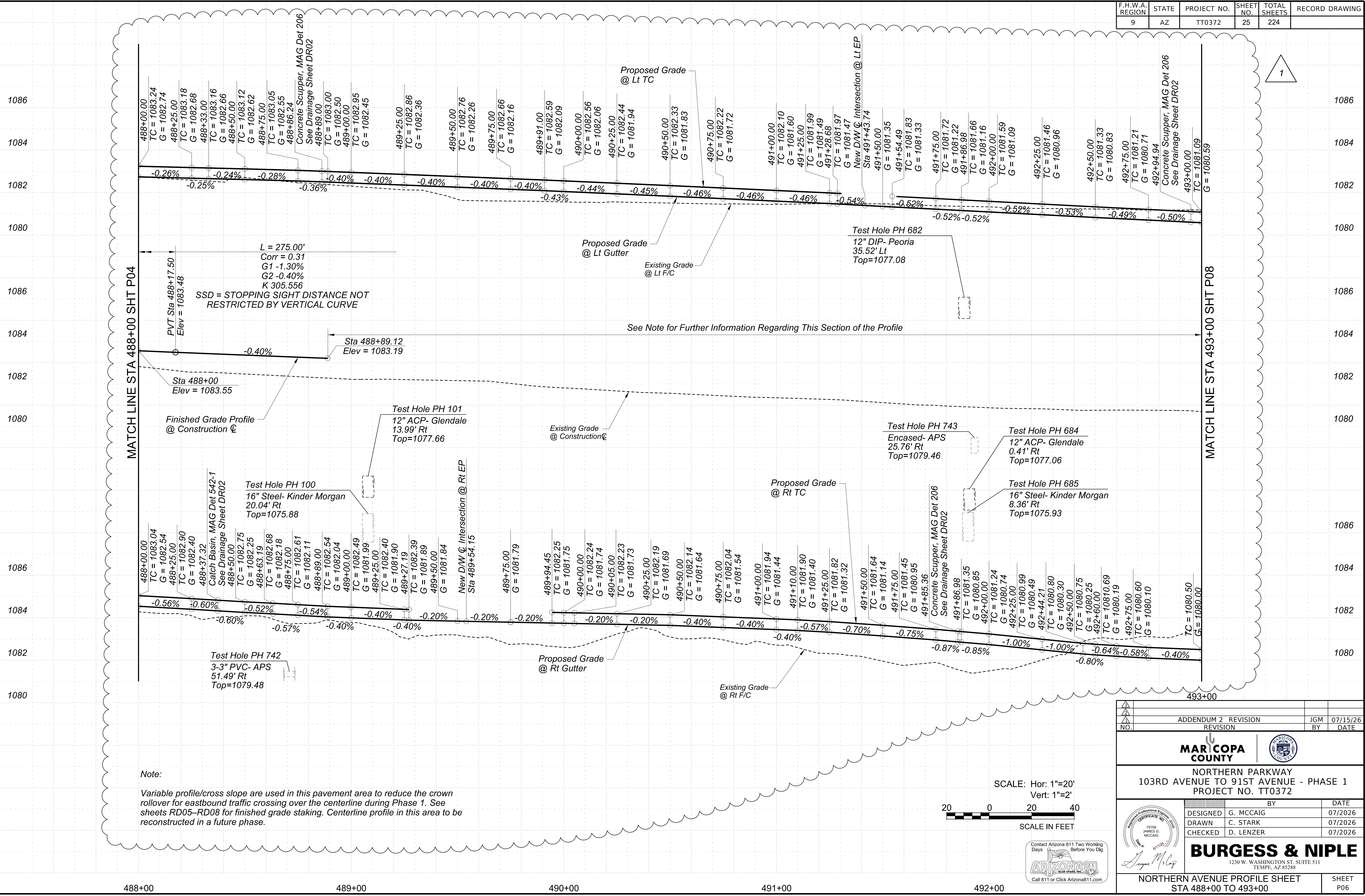


F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	24	224	
☐ REMOVAL / RELOCATE ☐					
1 Remove Existing Concrete Curb/Curb and Gutter					621 LF
2 Remove Existing Concrete Sidewalk					2580 SF
4 Remove Existing Concrete Driveway					223 SF
7 Remove Asphalt Concrete					3005 SY
11 Remove Existing Chain Link Fence					353 LF
14 Remove Existing Barbed Wire Fence					482 LF
16 Remove Existing Block Wall					106 LF
34 Remove Gate					2 EA
37 Remove Post					2 EA
☐ CONSTRUCTION ☐					
2E Construct Roadway Pavement Section D Subgrade Preparation					3746 SY
12" Aggregate Base Course					1249 CY
2" Asphalt Concrete Pavement (Superpave 1/2" Mix, High Traffic)					407 Ton
3" Asphalt Concrete Pavement (Superpave 3/4" Mix, High Traffic)					611 Ton
Tack Coat					1.25 Ton
2F Construct Roadway Pavement Section I Subgrade Preparation					756 SY
4" Aggregate Base Course					84 CY
2" Asphalt Concrete Pavement (Superpave 1/2" Mix, High Traffic)					82 Ton
3" Asphalt Concrete Pavement (Superpave 3/4" Mix, High Traffic)					123 Ton
Tack Coat					0.25 Ton
2G Construct Roadway Pavement Section F Subgrade Preparation					88 SY
6" Aggregate Base Course					15 CY
2.5" Asphalt Concrete Pavement (Superpave 1/2" Mix, High Traffic)					12 Ton
3 Construct Vertical Curb and Gutter, MAG Det 220-1, Type A					937 LF
5 Construct Sidewalk, MAG Det 230					6860 SF
10 Construct Driveway, MAG Det 250-1					254 SF
19 Adjust Valve Box & Cover, MAG Det 391, Type A					2 EA
20 Adjust Manhole to Grade, MAG Det 422					1 EA
47 Construct Driveway, COP Std Det PE-251-2					769 SF
51 Construct Barbed Wire Fence, Type 1, ADOT C-12.10					504 LF
☐ BY OTHERS ☐					
1 Remove and Relocate Electrical Facilities by Others					

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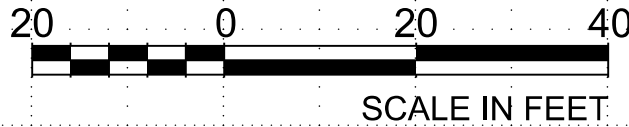
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	25	224	



Note:

Variable profile/cross slope are used in this pavement area to reduce the crown rollover for eastbound traffic crossing over the centerline during Phase 1. See sheets RD05-RD08 for finished grade staking. Centerline profile in this area to be reconstructed in a future phase.

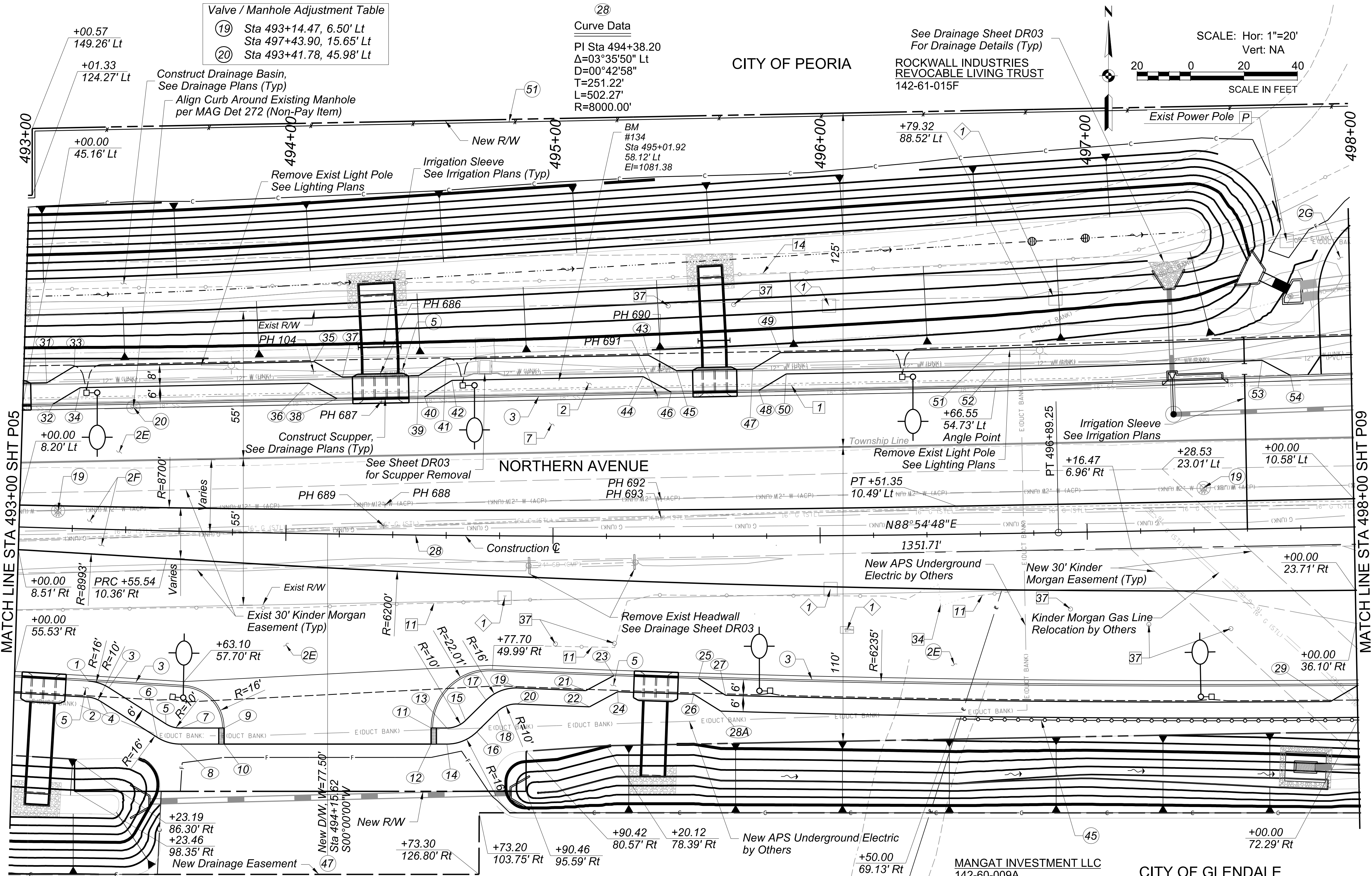
SCALE: Hor: 1"=20'
Vert: 1"=2'



ADDENDUM 2 REVISION		JGM	07/15/26
REVISION		BY	DATE
MARICOPA COUNTY			
NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372			
DESIGNED	G. MCCAIG	07/2026	
DRAWN	C. STARK	07/2026	
CHECKED	D. LENZER	07/2026	
BURGESS & NIPLE 1230 W. WASHINGTON ST. SUITE 511 TEMPE, AZ 85288			
NORTHERN AVENUE PROFILE SHEET STA 488+00 TO 493+00			SHEET P06

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Sidewalk Locations	Sidewalk Locations	Sidewalk Locations	Sidewalk Locations
① Sta 493+27.58, 56.95' Rt	①① PC Sta 494+55.12, 72.18' Rt	②① Sta 495+12.46, 57.78' Rt	③① Sta 493+08.87, 54.19' Lt
② Sta 493+27.39, 62.95' Rt	①② Sta 494+55.18, 78.18' Rt	②② Sta 495+13.87, 63.83' Rt	③② Sta 493+11.41, 46.30' Lt
③ Sta 493+35.21, 59.22' Rt	①③ Sta 494+60.97, 72.12' Rt	②③ Sta 495+22.90, 52.13' Rt	③③ Sta 493+19.04, 60.67' Lt
④ Sta 493+32.15, 64.36' Rt	①④ Sta 494+61.03, 78.12' Rt	②④ Sta 495+24.30, 58.18' Rt	③④ Sta 493+21.57, 52.78' Lt
⑤ Sta 493+56.70, 72.26' Rt	①⑤ Sta 494+67.90, 69.19' Rt	②⑤ Sta 495+54.37, 53.18' Rt	③⑤ Sta 494+09.60, 64.37' Lt
⑥ Sta 493+53.63, 77.39' Rt	①⑥ Sta 494+72.10, 73.43' Rt	②⑥ Sta 495+52.58, 59.12' Rt	③⑥ Sta 494+07.72, 56.30' Lt
⑦ Sta 493+62.05, 73.70' Rt	①⑦ Sta 494+75.45, 61.57' Rt	②⑦ Sta 495+64.42, 59.50' Rt	③⑦ Sta 494+20.27, 58.73' Lt
⑧ Sta 493+62.18, 79.70' Rt	①⑧ Sta 494+79.65, 65.82' Rt	②⑧ Sta 495+62.62, 65.45' Rt	③⑧ Sta 494+18.39, 50.67' Lt
⑨ PT Sta 493+78.33, 73.35' Rt	①⑨ Sta 494+87.21, 56.91' Rt	②⑨ Sta 497+89.86, 65.19' Rt	③⑨ Sta 494+48.97, 59.66' Lt
⑩ Sta 493+78.44, 79.35' Rt	②⑩ Sta 494+87.00, 62.91' Rt		④⑩ Sta 494+51.37, 51.72' Lt

Sidewalk Locations	Sidewalk Locations
④① Sta 494+59.26, 65.96' Lt	④⑧ Sta 495+77.32, 54.52' Lt
④② Sta 494+61.65, 58.03' Lt	④⑨ Sta 495+85.43, 68.64' Lt
④③ Sta 495+35.73, 67.82' Lt	④⑩ Sta 495+87.70, 60.67' Lt
④④ Sta 495+33.73, 59.78' Lt	④⑪ Sta 496+66.38, 69.31' Lt
④⑤ Sta 495+46.32, 62.02' Lt	④⑫ Sta 496+66.47, 61.31' Lt
④⑥ Sta 495+44.31, 53.98' Lt	④⑬ Sta 497+66.69, 63.01' Lt
④⑦ Sta 495+75.04, 62.49' Lt	④⑭ Sta 497+77.18, 57.19' Lt



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	26	224	

☐ REMOVAL / RELOCATE ☐

1	Remove Existing Concrete Curb/Curb and Gutter	408 LF
2	Remove Existing Concrete Sidewalk	2459 SF
7	Remove Asphalt Concrete	2676 SY
11	Remove Existing Chain Link Fence	371 LF
14	Remove Existing Barbed Wire Fence	502 LF
34	Remove Gate	1 EA
37	Remove Post	7 EA
Sta 495+01.09, 40.33' Rt		
Sta 495+23.08, 40.02' Rt		
Sta 495+43.21, 86.28' Lt		
Sta 495+67.97, 86.71' Lt		
Sta 496+93.19, 28.69' Rt		
Sta 497+22.43, 34.99' Rt		
Sta 497+53.11, 37.19' Rt		

☐ Protect in Place

☐ CONSTRUCTION ☐

2E	Construct Roadway Pavement Section D	4321 SY
Subgrade Preparation		1440 CY
12" Aggregate Base Course		470 Ton
2" Asphalt Concrete Pavement		
(Superpave 1/2" Mix, High Traffic)		
3" Asphalt Concrete Pavement		705 Ton
(Superpave 3/4" Mix, High Traffic)		
Tack Coat		1.44 Ton
2F	Construct Roadway Pavement Section I	1489 SY
Subgrade Preparation		165 CY
4" Aggregate Base Course		162 Ton
2" Asphalt Concrete Pavement		
(Superpave 1/2" Mix, High Traffic)		
3" Asphalt Concrete Pavement		243 Ton
(Superpave 3/4" Mix, High Traffic)		
Tack Coat		0.50 Ton
2G	Construct Roadway Pavement Section F	43 SY
Subgrade Preparation		7 CY
6" Aggregate Base Course		6 Ton
2.5" Asphalt Concrete Pavement		
(Superpave 1/2" Mix, High Traffic)		
3	Construct Vertical Curb and Gutter, MAG Det 220-1, Type A	886 LF
5	Construct Sidewalk, MAG Det 230	6695 SF
19	Adjust Valve Box & Cover, MAG Det 391, Type A	2 EA
20	Adjust Manhole to Grade, MAG Det 422	1 EA
45	Safety Rail, Height 3'-6" MAG Det 145	151 LF
47	Construct Driveway, COP Std Det PE-251-2	2240 SF
51	Construct Barbed Wire Fence, Type 1, ADOT C-12.10	519 LF

☐ BY OTHERS ☐

☐ Remove and Relocate Electrical Facilities by Others

ADDENDUM 2 REVISION	JGM	08/09/26
REVISION	BY	DATE

MARICOPA COUNTY

NORTHERN PARKWAY

103RD AVENUE TO 91ST AVENUE - PHASE 1

PROJECT NO. TT0372

DESIGNED	G. MCCAIG	07/2026
DRAWN	C. STARK	07/2026
CHECKED	D. LENZER	07/2026

BURGESS & NIPLE

1230 W. WASHINGTON ST. SUITE 511
TEMPE, AZ 85288

NORTHERN AVENUE PLAN SHEET

STA 493+00 TO 498+00

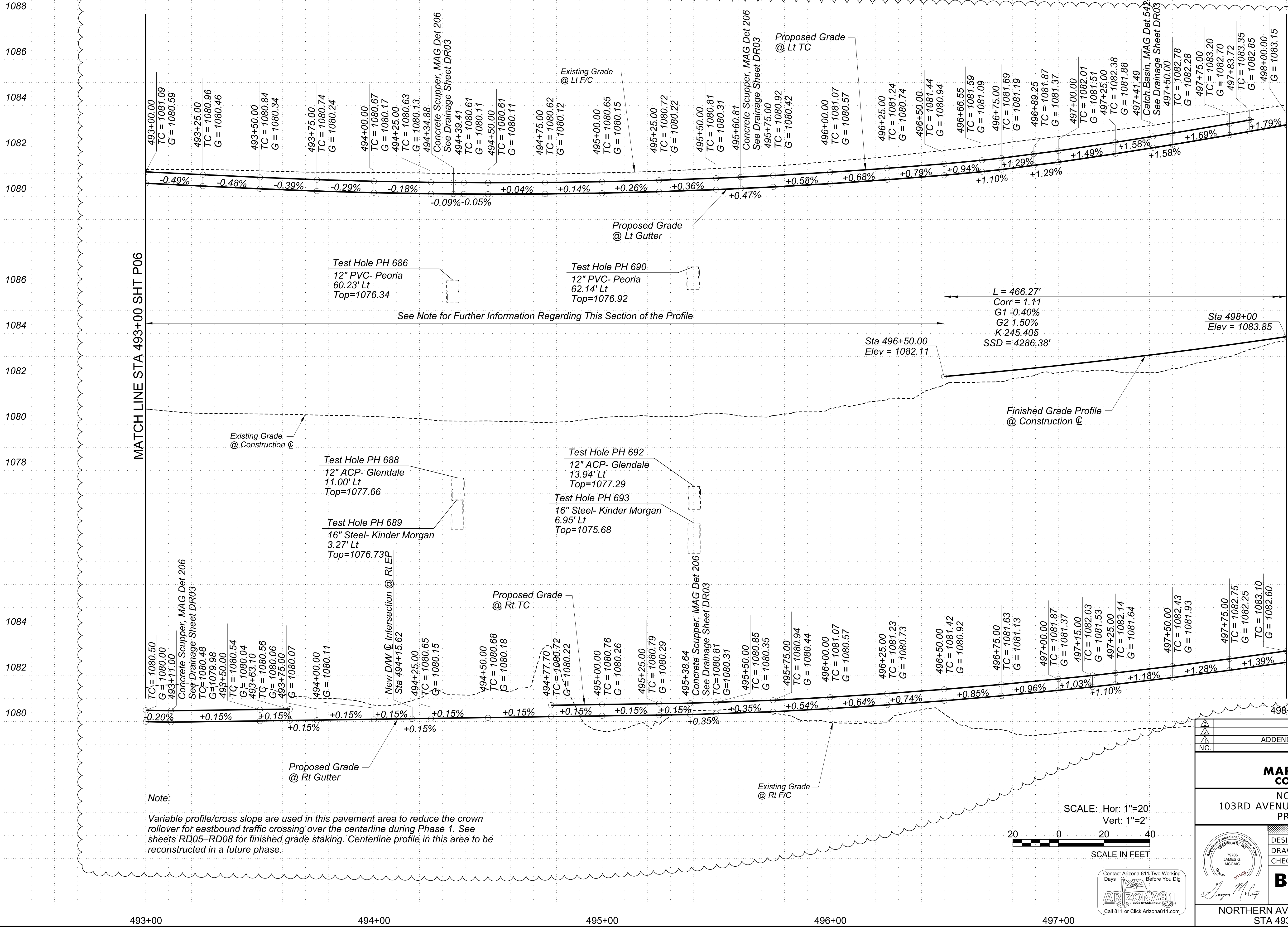
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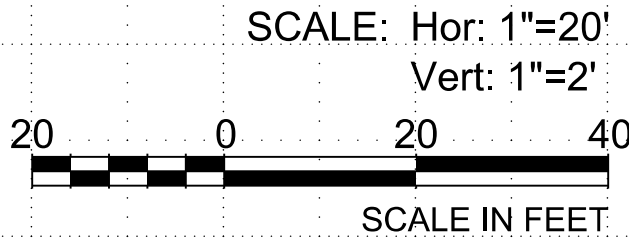
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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	27	224	



Note:

Variable profile/cross slope are used in this pavement area to reduce the crown rollover for eastbound traffic crossing over the centerline during Phase 1. See sheets RD05-RD08 for finished grade staking. Centerline profile in this area to be reconstructed in a future phase.



NO.	ADDENDUM 2 REVISION	REVISION	JGM	07/15/26
			BY	DATE
MARICOPA COUNTY				
NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372				
DESIGNED		G. MCCAIG	07/2026	
DRAWN		C. STARK	07/2026	
CHECKED		D. LENZER	07/2026	
BURGESS & NIPLE 1230 W. WASHINGTON ST. SUITE 511 TEMPE, AZ 85288				
NORTHERN AVENUE PROFILE SHEET STA 493+00 TO 498+00				SHEET P08

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	29	224	

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1082
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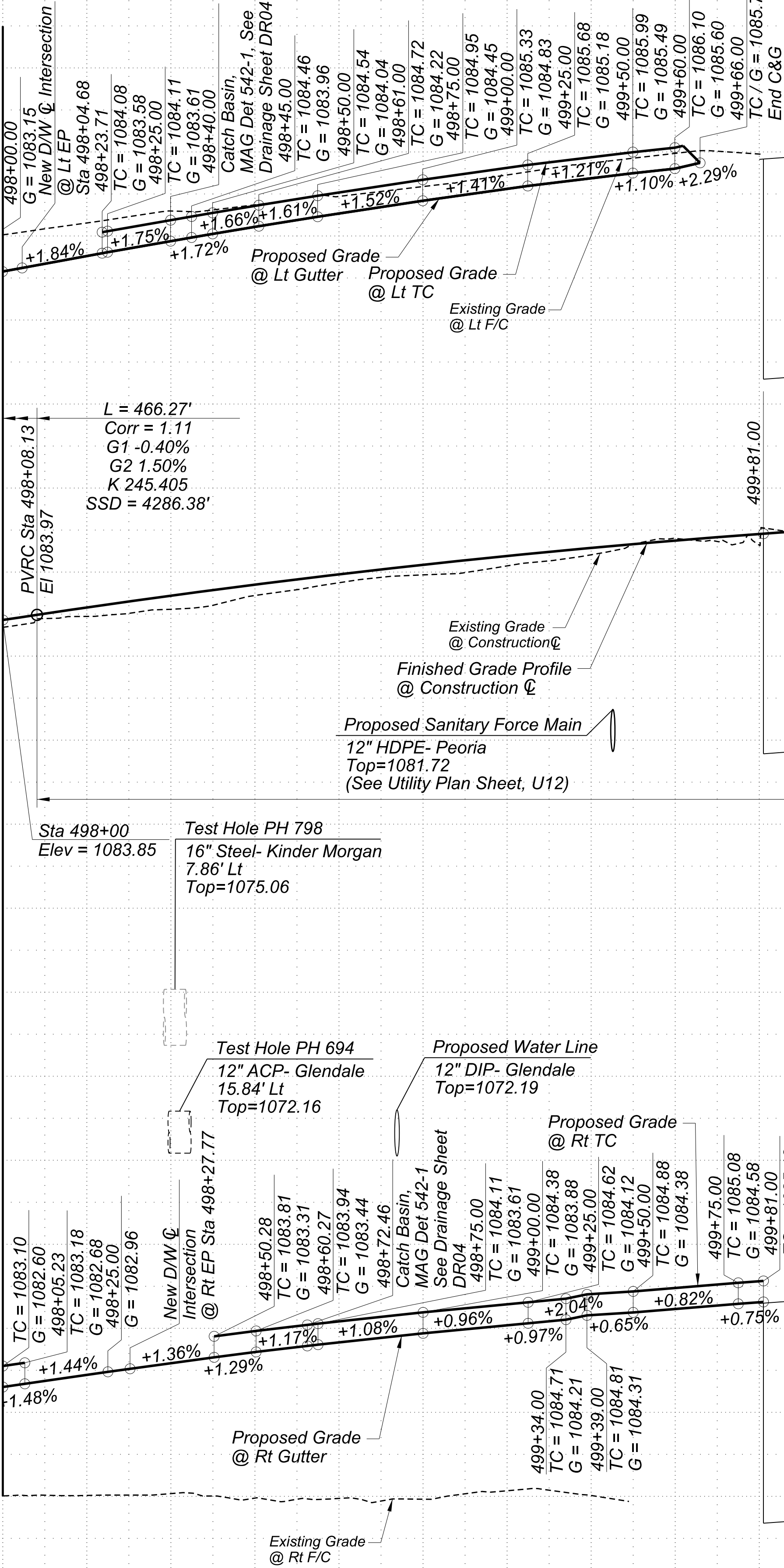
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1082
1080

1086
1084

MATCH LINE STA 498+00 SHT P08



1

See Sheets SB01-SB34 for Bridge Plans

HI PT Sta 501+47.11
EI 1086.51

PVI Sta 502+08.13
EI 1089.97

Sta 503+00
Elev = 1085.99

Proposed Sanitary Force Main
12" HDPE- Peoria
Top=1081.72
(See Utility Plan Sheet, U12)

Sta 498+00
Elev = 1083.85

Test Hole PH 798
16" Steel- Kinder Morgan
7.86' Lt
Top=1075.06

Test Hole PH 694
12" ACP- Glendale
15.84' Lt
Top=1072.16

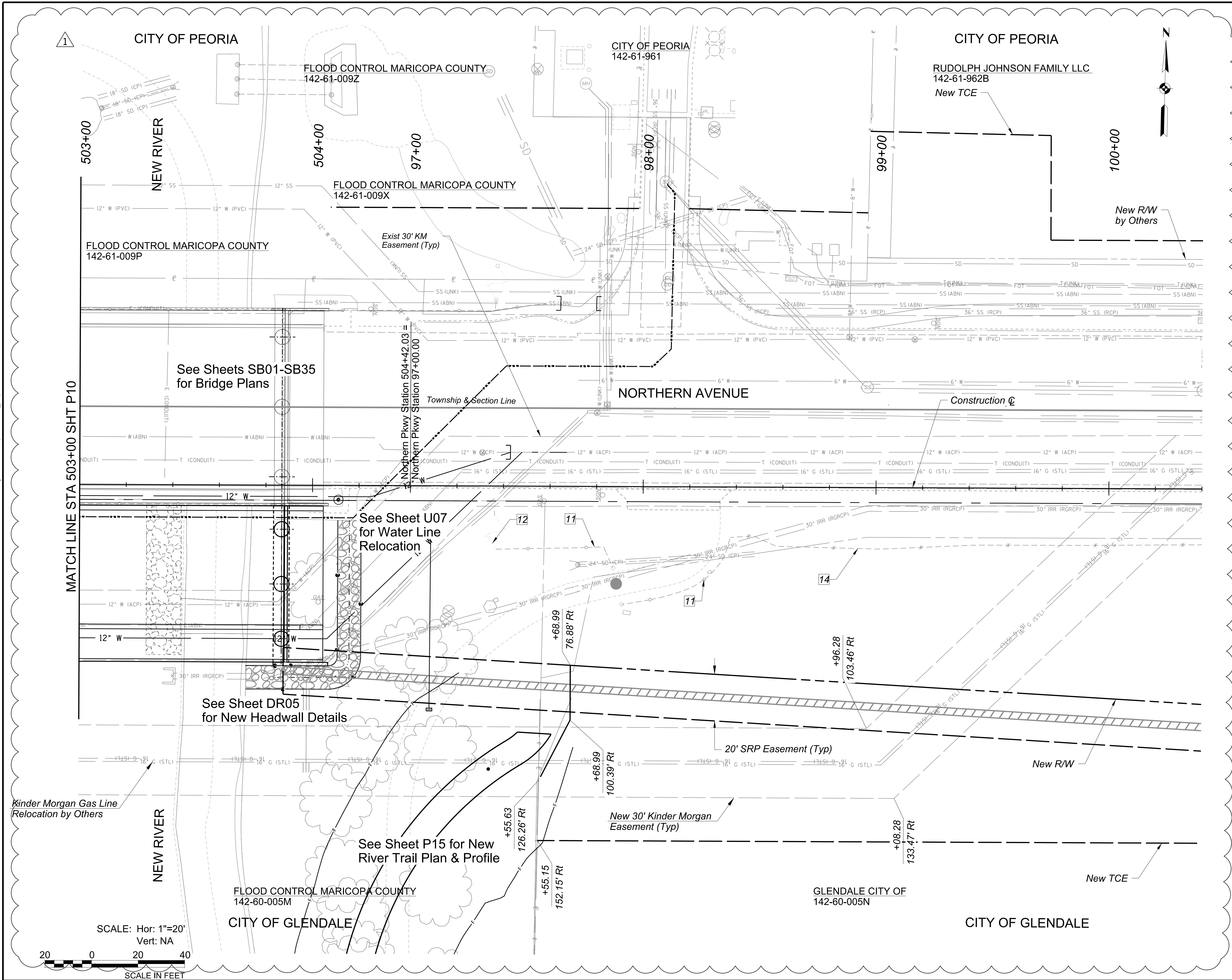
Proposed Water Line
12" DIP- Glendale
Top=1072.19

Vertical Curve Data:

Section	L (ft)	Corr (ft)	G1 (%)	G2 (%)	K	SSD (ft)
Main Profile	466.27	1.11	-0.40	1.50	245.405	4286.38
Secondary Section	800.00	-3.54	1.50	-2.04	225.989	698.30

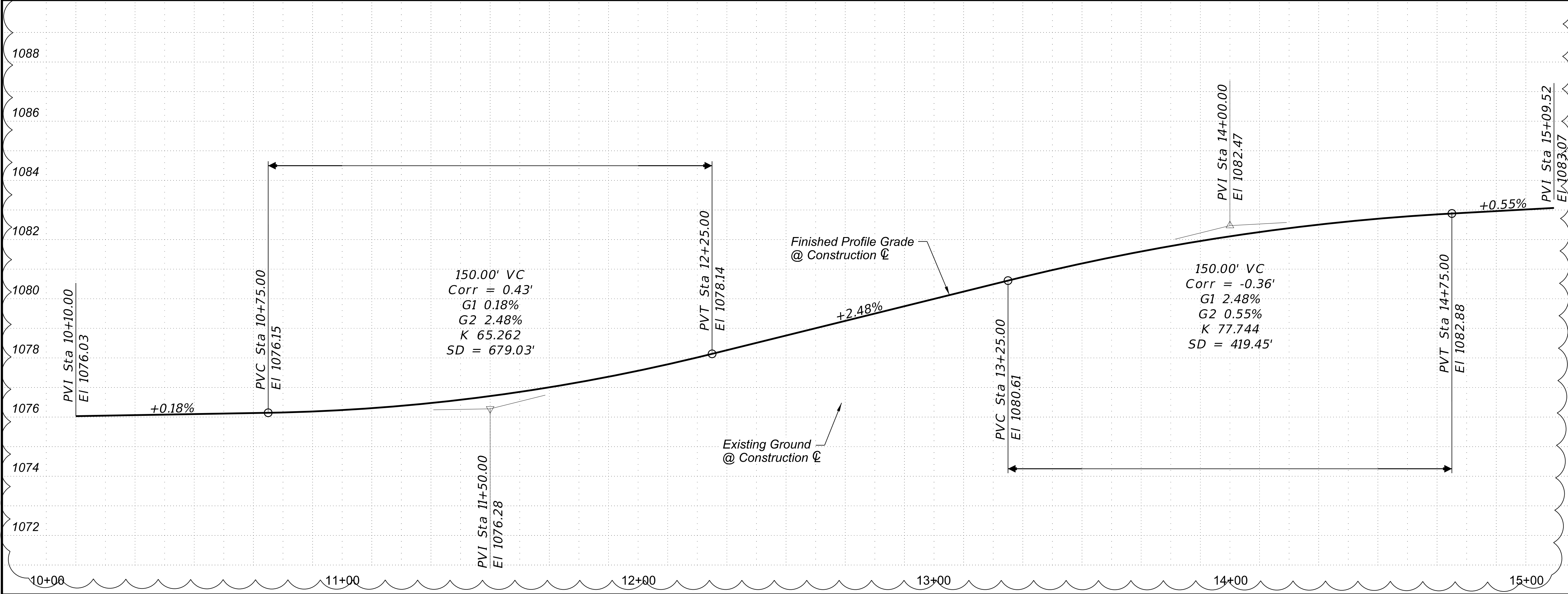
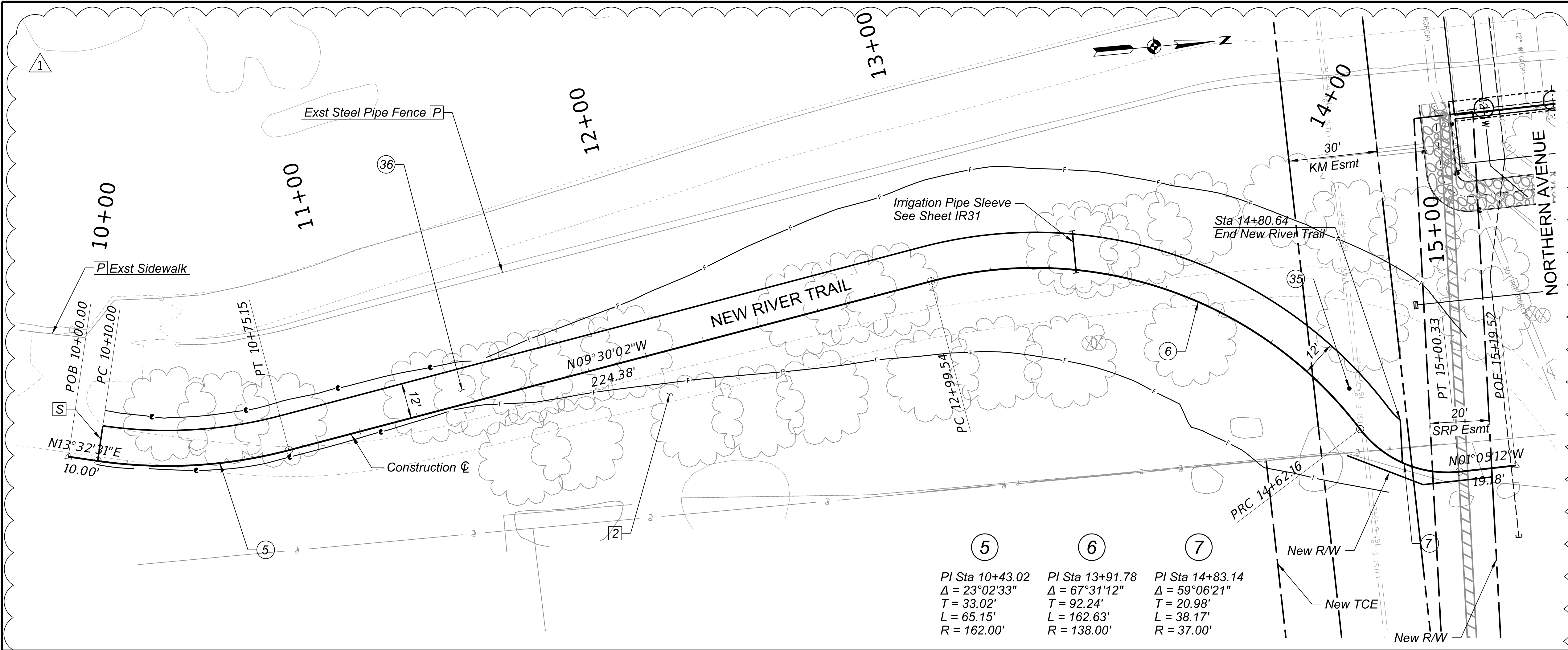
Stationing and Elevation Data:

Station	Proposed Grade @ Rt TC	Proposed Grade @ Rt Gutter	Existing Grade @ Rt F/C	Other Notes
498+34.00	1084.71	1084.71	1084.71	TC = 1084.71
498+34.00	1084.21	1084.21	1084.21	G = 1084.21
499+39.00	1084.81	1084.81	1084.81	TC = 1084.81
499+39.00	1084.31	1084.31	1084.31	G = 1084.31
499+34.00	1084.71	1084.71	1084.71	TC = 1084.71
499+34.00	1084.21	1084.21	1084.21	G = 1084.21
499+39.00	1084.81	1084.81	1084.81	TC = 1084.81
499+39.00	1084.31	1084.31	1084.31	G = 1084.31
499+34.00	1084.71	1084.71	1084.71	TC = 1084.71
499+34.00	1084.21	1084.21	1084.21	G = 1084.21
499+39.00	1084.81	1084.81	1084.81	TC = 1084.81
499+39.00	1084.31	1084.31	1084.31	G = 1084.31
499+34.00	1084.71	1084.71	1084.71	TC = 1084.71
499+34.00	1084.21	1084.21	1084.21	G = 1084.21
499+39.00	1084.81	1084.81	1084.81	TC = 1084.81
499+39.00	1084.31	1084.31	1084.31	G = 1084.31
499+34.00	1084.71	1084.71	1084.71	TC = 1084.71
499+34.00	1084.21	1084.21	1084.21	G = 1084.21
499+39.00	1084.81	1084.81	1084.81	TC = 1084.81
499+39.00	1084.31	1084.31	1084.31	G = 1084.31
499+34.00	1084.71	1084.71	1084.71	TC = 1084.71
499+34.00	1084.21	1084.21	1084.21	G = 1084.21
499+39.00	1084.81	1084.81	1084.81	TC = 1084.81
499+39.00	1084.31	1084.31	1084.31	G = 1084.31
499+34.00	1084.71	1084.71	1084.71	TC = 1084.71
499+34.00	1084.21	1084.21	1084.21	G = 1084.21
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499+34.00	1084.71	1084.71	1084.71	TC = 1084.71
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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	30	224	
☐ REMOVAL / RELOCATE ☐					
11 Remove Existing Chain Link Fence					114 LF
12 Remove Existing Gate					1 EA
14 Remove Existing Barbed Wire Fence					349 LF

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Courtney Burdett OpenRoads Imperial



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	34	224	

☐ REMOVAL / RELOCATE ☐

NO.	DESCRIPTION	QUANTITY
2	Remove Existing Concrete Sidewalk	6078 SF
P	Protect in Place	
S	Sawcut and Match Existing	

☐ CONSTRUCTION ☐

NO.	DESCRIPTION	QUANTITY
35	Construct Bollard, MAG Det 140	1 EA
36	Construct Trail Pavement Section H Subgrade Preparation 4" Aggregate Base Course Portland Cement Concrete Pavement (PCCP), 8in Thick	625 SY 69 CY 625 SY

SCALE: Hor: 1"=20'
Vert: 1"=2'

SCALE IN FEET

20 0 20 40

ADDENDUM 2
REVISION

BP 7/15/26
BY DATE

MARICOPA COUNTY

NORTHERN PARKWAY
103RD AVENUE TO 91ST AVENUE - PHASE 1
PROJECT NO. TT0372

DESIGNED BY B. POE
DRAWN C. BURDETT
CHECKED J. BARR

DATE 07/2026
07/2026
07/2026

TYLin

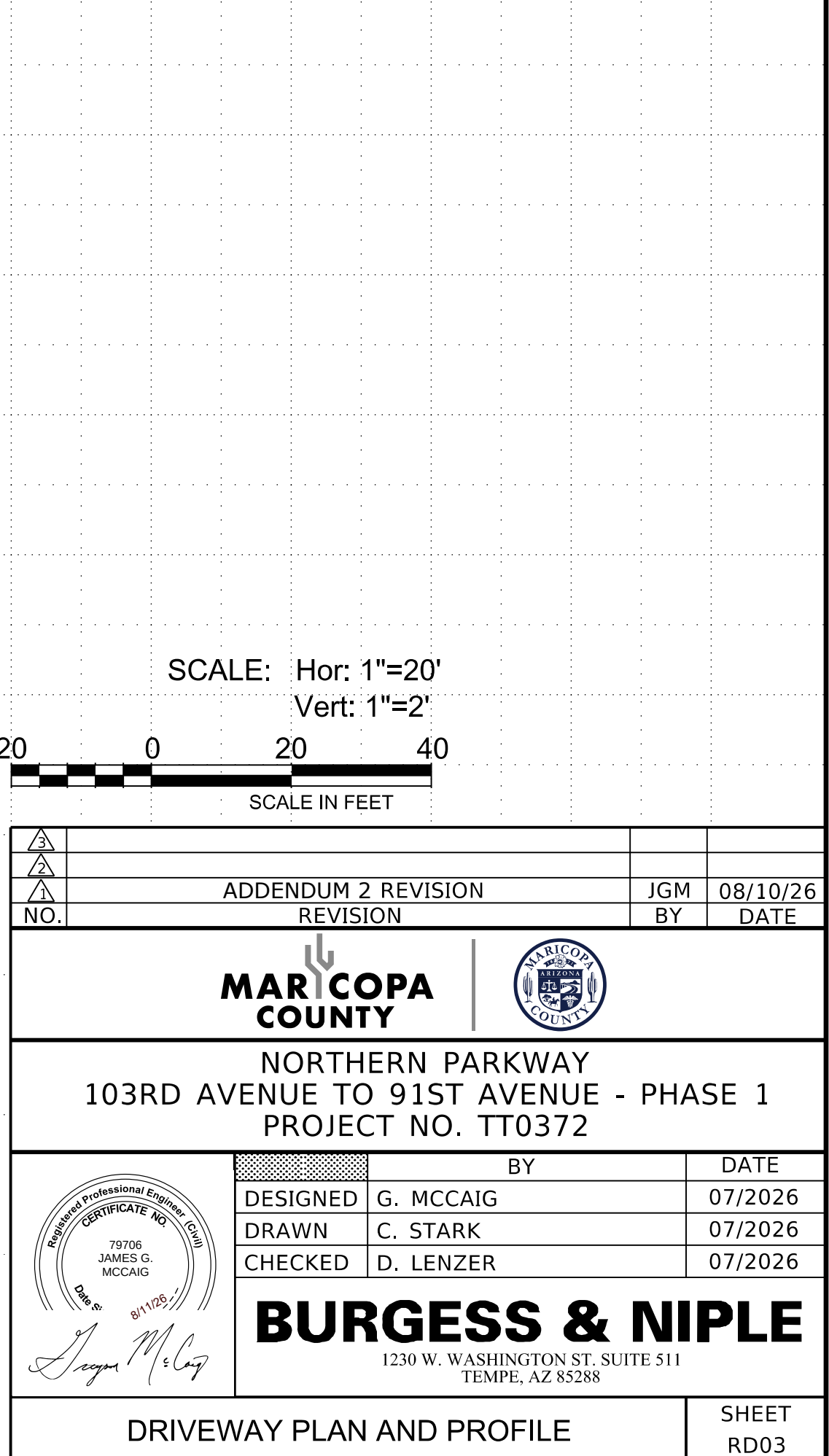
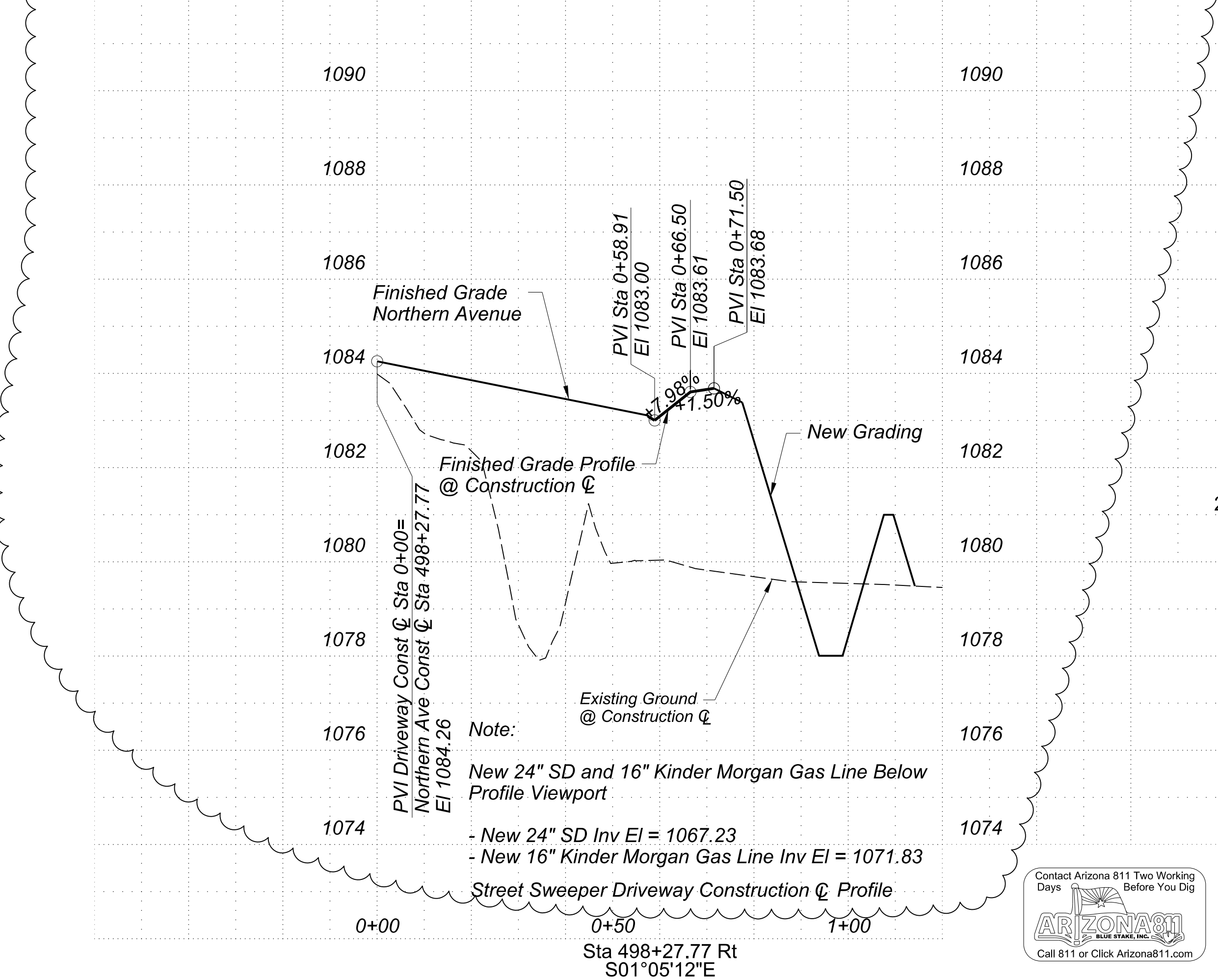
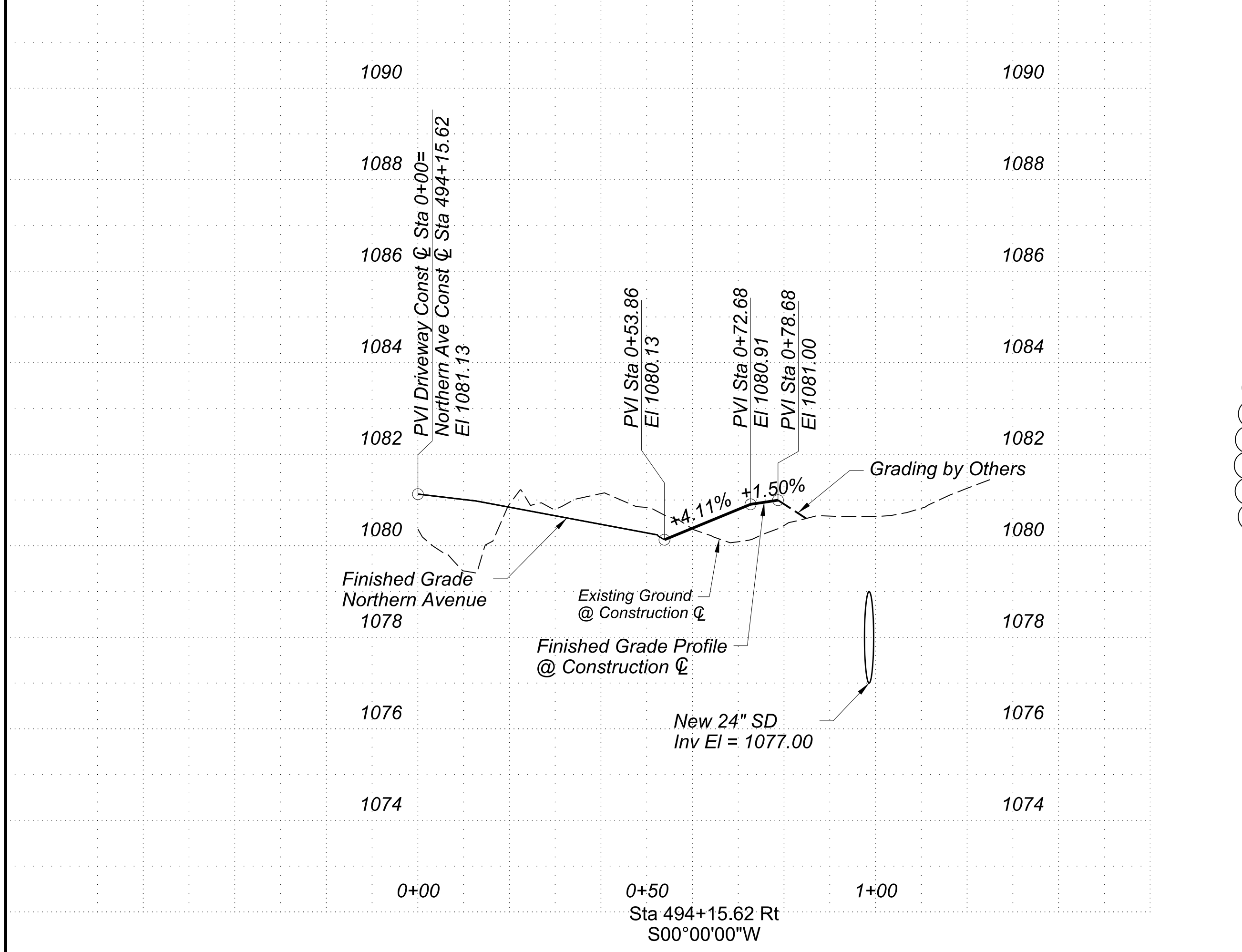
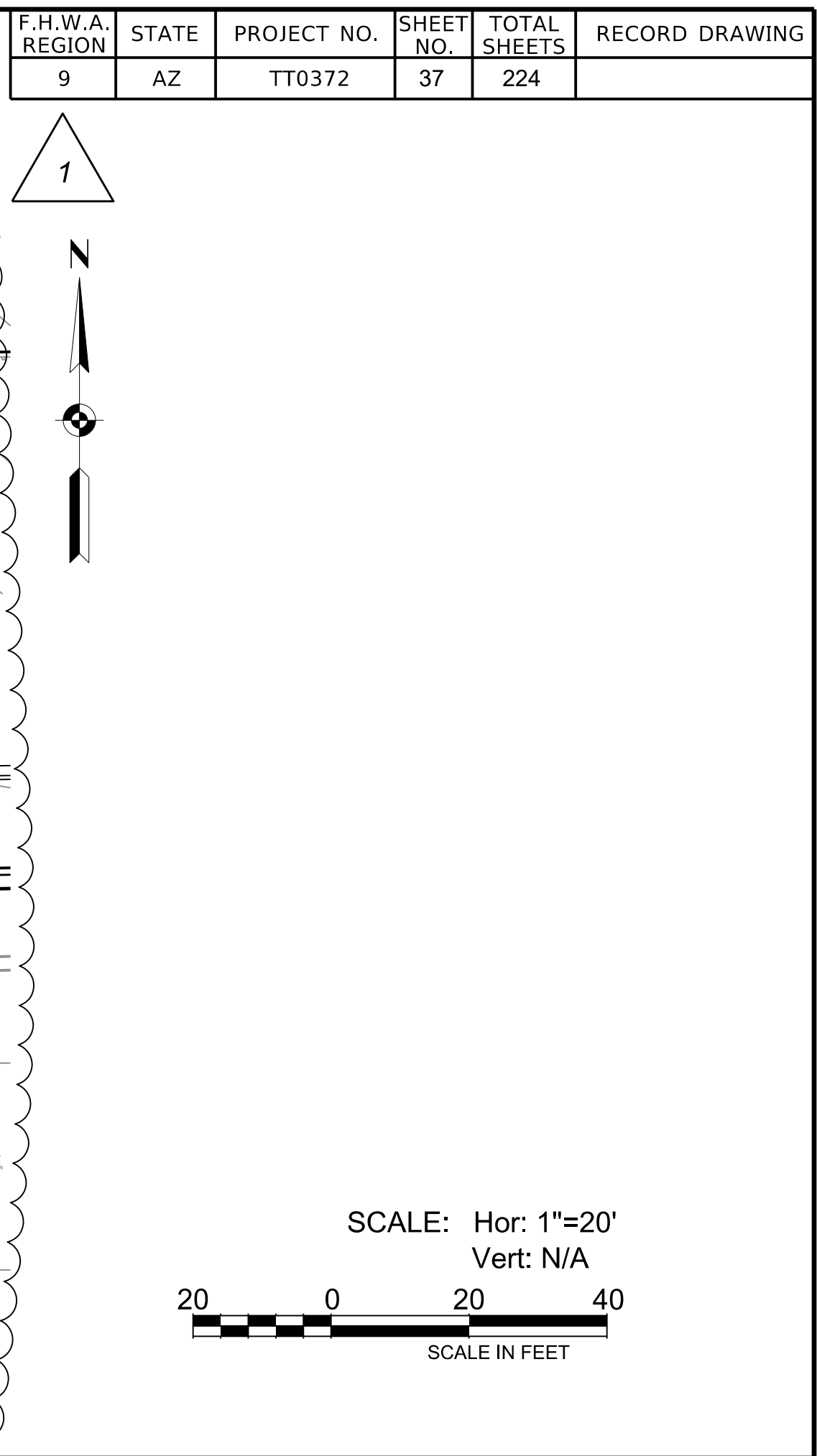
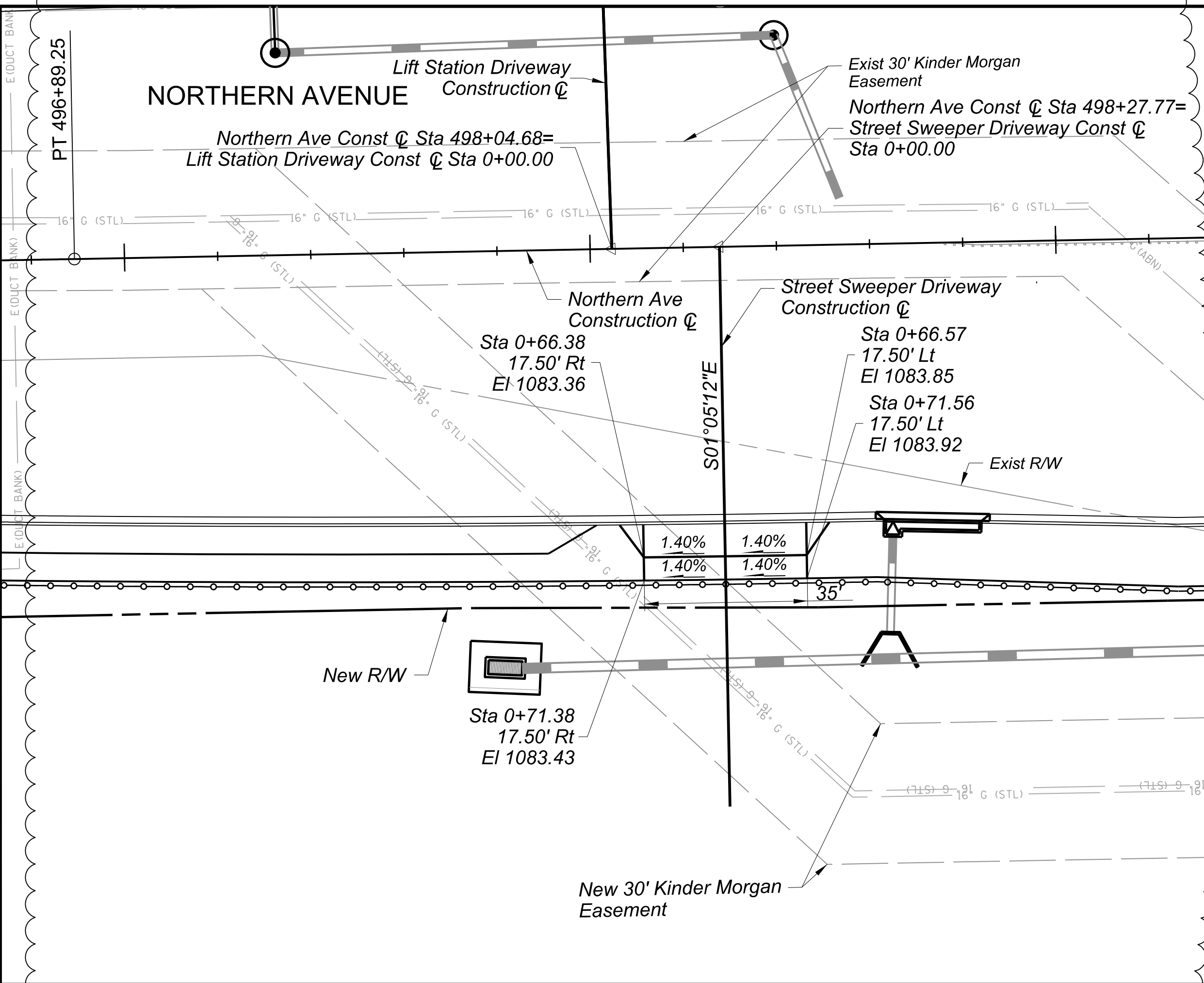
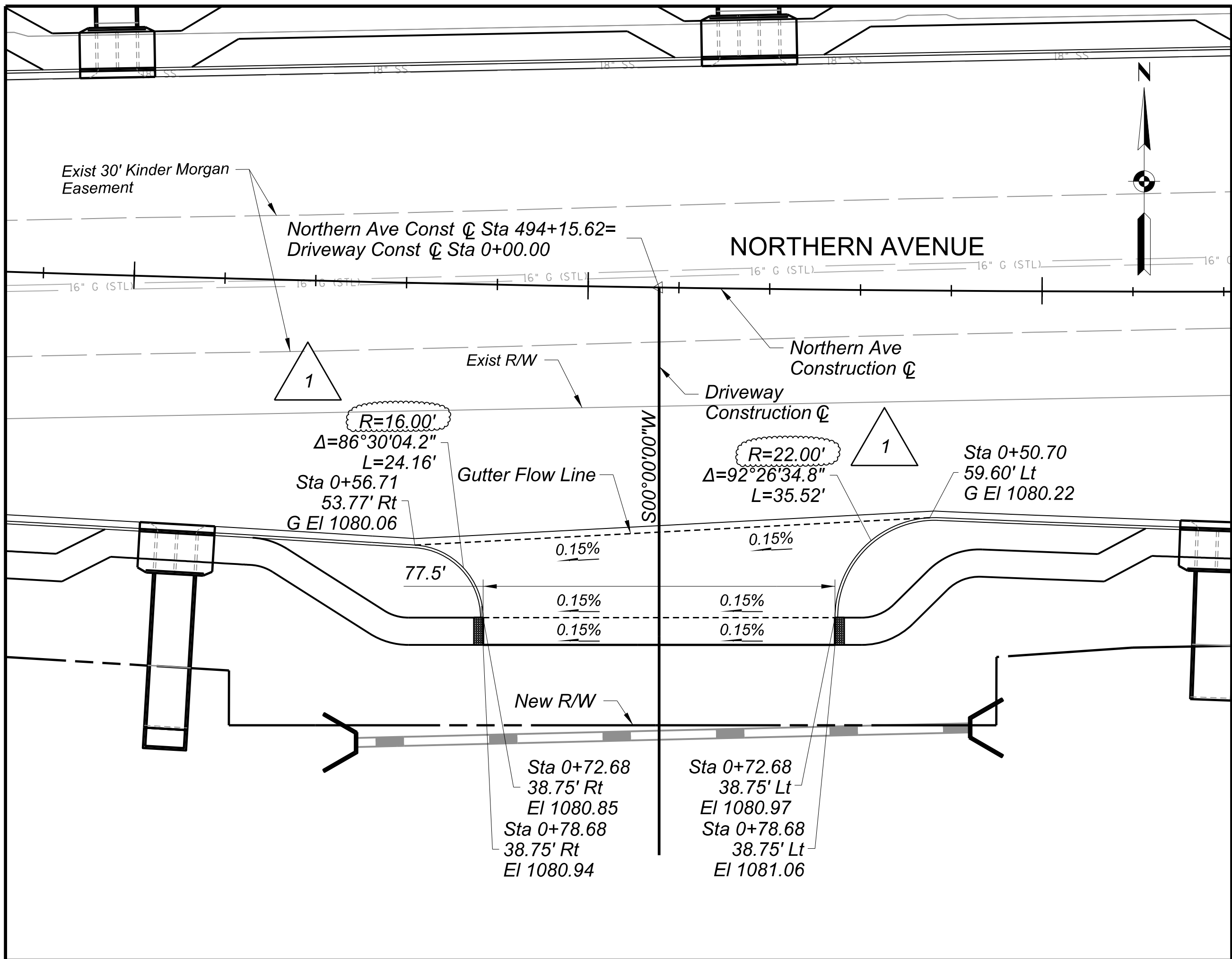
NEW RIVER TRAIL PLAN AND PROFILE SHEET
STA 10+00 TO 14+80.64

SHEET P15

TRACS NO.

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	37	224	

1	1
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20	0	20	40
SCALE IN FEET			

1090	1088	1086	1084	1082	1080	1078	1076	1074
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1090	1088	1086	1084	1082	1080	1078	1076	1074
------	------	------	------	------	------	------	------	------

0+00	0+50	1+00
------	------	------

Sta 494+15.62 Rt	S00°00'00"W
------------------	-------------

0+00	0+50	1+00
------	------	------

Sta 498+27.77 Rt	S01°05'12"E
------------------	-------------

20	0	20	40
SCALE IN FEET			

ADDENDUM 2 REVISION	JGM	08/10/26
REVISION	BY	DATE

DESIGNED	G. MCCAIG	07/2026
DRAWN	C. STARK	07/2026
CHECKED	D. LENZER	07/2026

BY	DATE
----	------

79706 JAMES G. MCCAIG	07/10/26
-----------------------	----------

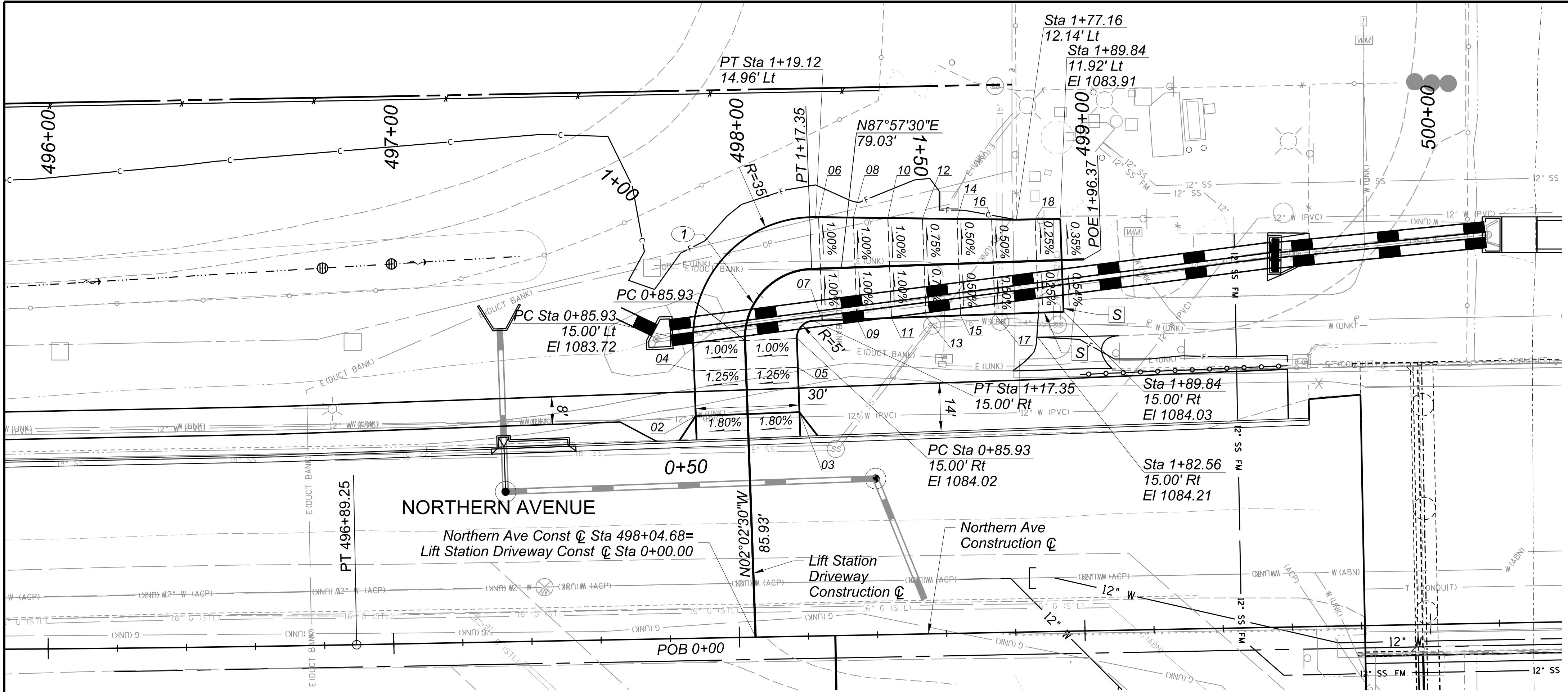
1230 W. WASHINGTON ST. SUITE 511	TEMPE, AZ 85288
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DRIVEWAY PLAN AND PROFILE	SHEET RD03
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TRACS NO.

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Driveway Pavement Elevations

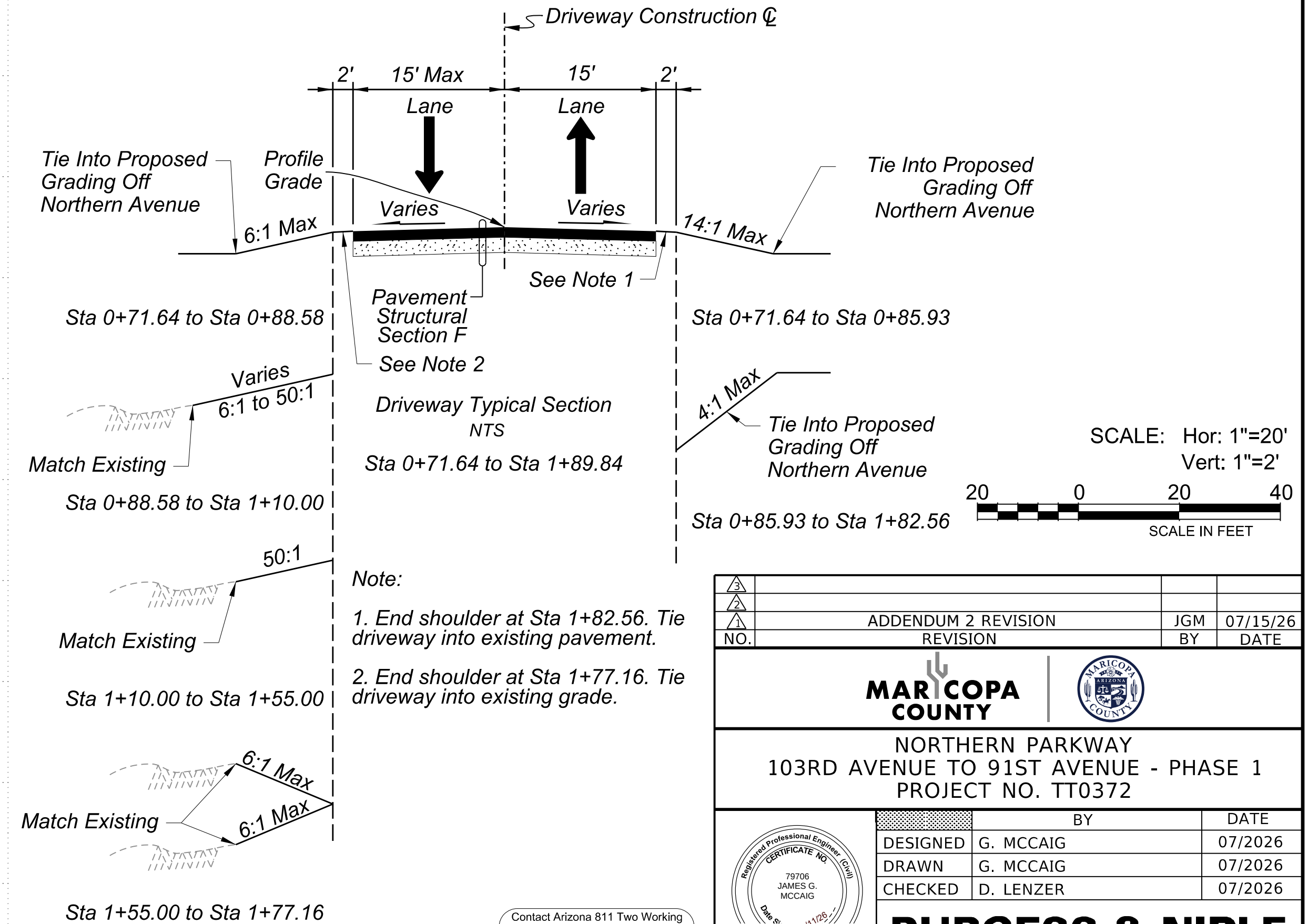
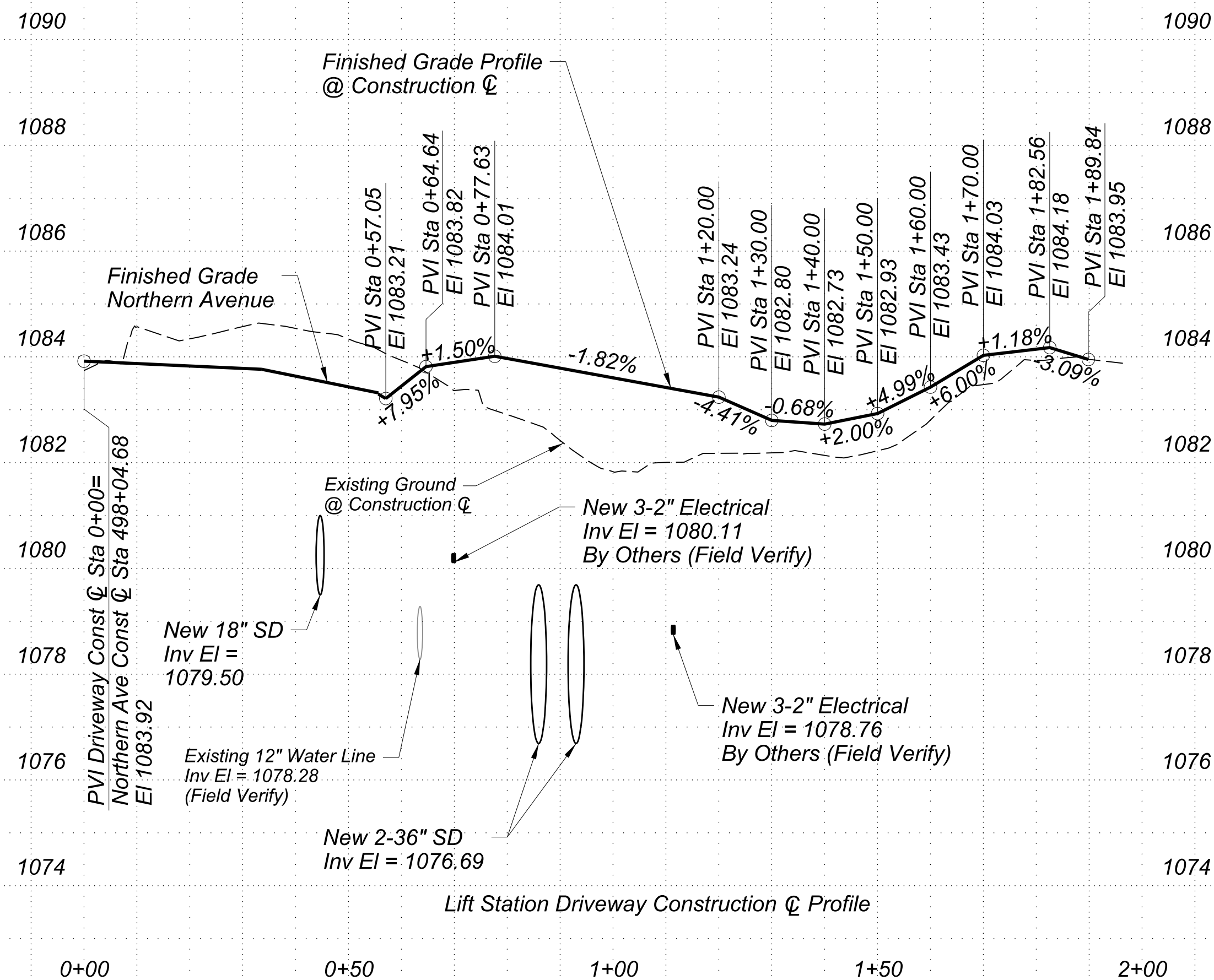
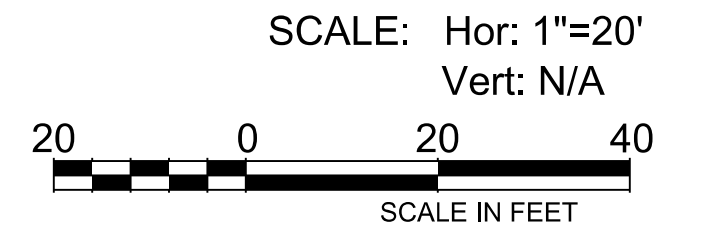
- 2: Sta 0+64.64, 15.00' Lt
P=1083.55'
- 3: Sta 0+64.64, 15.00' Rt
P=1084.09'
- 4: Sta 0+77.63, 15.00' Lt
P=1083.82'
- 5: Sta 0+77.63, 15.00' Rt
P=1084.20'
- 6: Sta 1+20.00, 14.92' Lt
P=1083.09'
- 7: Sta 1+20.00, 15.00' Rt
P=1083.39'
- 8: Sta 1+30.00, 14.43' Lt
P=1082.65'
- 9: Sta 1+30.00, 15.00' Rt
P=1082.95'
- 10: Sta 1+40.00, 13.95' Lt
P=1082.59'
- 11: Sta 1+40.00, 15.00' Rt
P=1082.88'
- 12: Sta 1+50.00, 13.46' Lt
P=1082.83'
- 13: Sta 1+50.00, 15.00' Rt
P=1083.04'
- 14: Sta 1+60.00, 12.97' Lt
P=1083.36'
- 15: Sta 1+60.00, 15.00' Rt
P=1083.50'
- 16: Sta 1+70.00, 12.49' Lt
P=1083.97'
- 17: Sta 1+70.00, 15.00' Rt
P=1084.10'
- 18: Sta 1+82.56, 12.05' Lt
P=1084.15'

Note: All stations and offsets are referenced from the Lift Station Driveway C

See Sheets DR03 & DR04 for Drainage Details

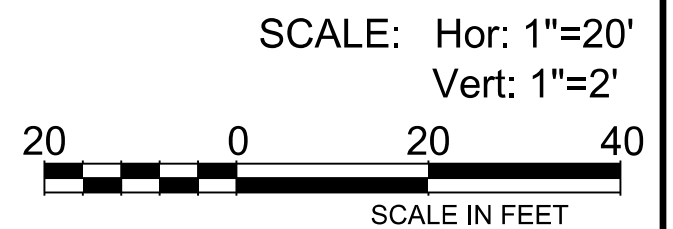
①
CURVE DATA
PI Sta 1+05.93
Δ 89°59'59.3" Rt
D 286°28'46.09"
T 20.00'
L 31.42'
R 20.00'

[S] Sawcut and Match Existing Driveway



Note:

1. End shoulder at Sta 1+82.56. Tie driveway into existing pavement.
2. End shoulder at Sta 1+77.16. Tie driveway into existing grade.



NO.	REVISION	BY	DATE
1	ADDENDUM 2 REVISION	JGM	07/15/26
MARICOPA COUNTY			
NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372			
DESIGNED		G. MCCAIG	07/2026
DRAWN		G. MCCAIG	07/2026
CHECKED		D. LENZER	07/2026
BURGESS & NIPLE			
1230 W. WASHINGTON ST. SUITE 511 TEMPE, AZ 85288			
DRIVEWAY PLAN AND PROFILE			SHEET RD04

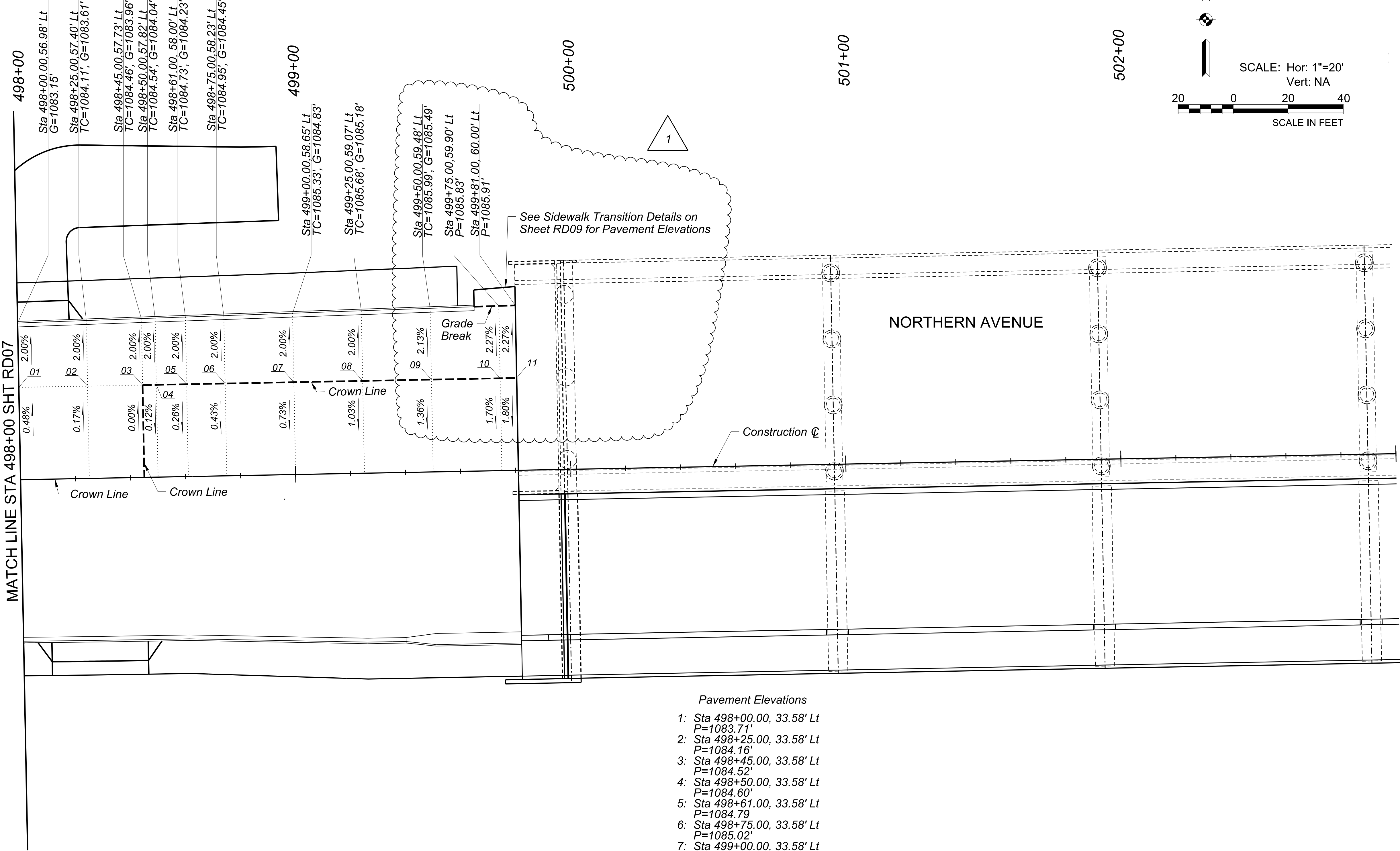
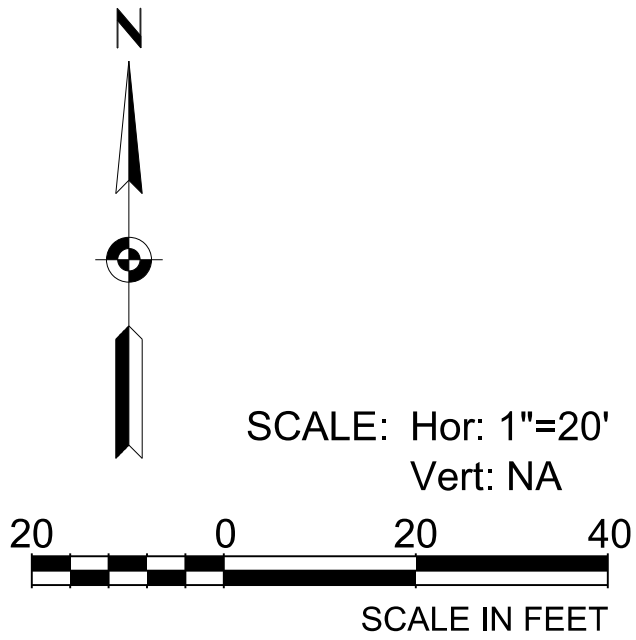
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CITY OF PEORIA

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	42	224	



Pavement Elevations

- 1: Sta 498+00.00, 33.58' Lt
P=1083.71'
- 2: Sta 498+25.00, 33.58' Lt
P=1084.16'
- 3: Sta 498+45.00, 33.58' Lt
P=1084.52'
- 4: Sta 498+50.00, 33.58' Lt
P=1084.60'
- 5: Sta 498+61.00, 33.58' Lt
P=1084.79
- 6: Sta 498+75.00, 33.58' Lt
P=1085.02'
- 7: Sta 499+00.00, 33.58' Lt
P=1085.41'
- 8: Sta 499+25.00, 33.58' Lt
P=1085.77'
- 9: Sta 499+50.00, 33.58' Lt
P=1086.11'
- 10: Sta 499+75.00, 33.58' Lt
P=1086.43'
- 11: Sta 499+81.00, 33.58' Lt
P=1086.51'

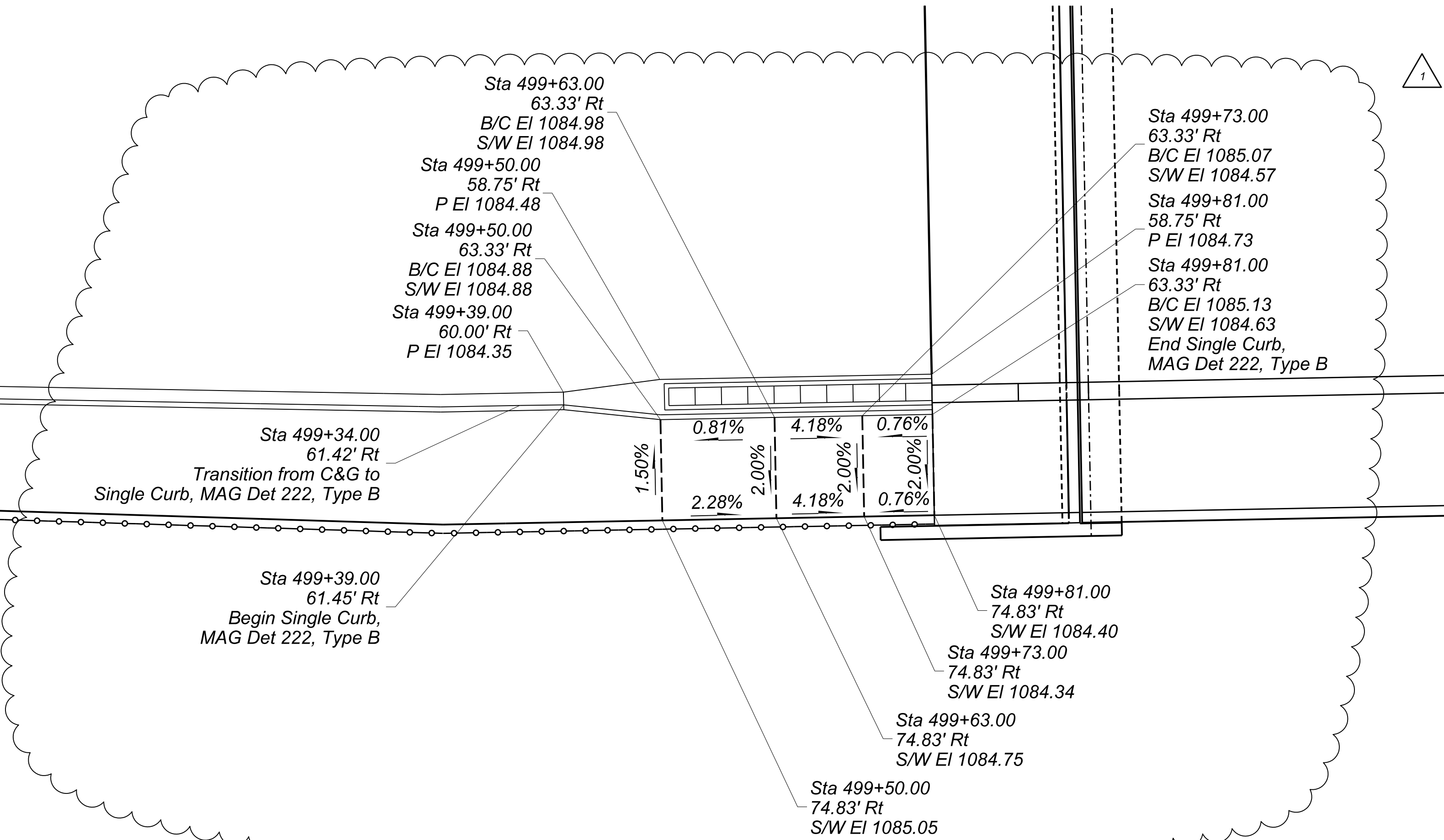
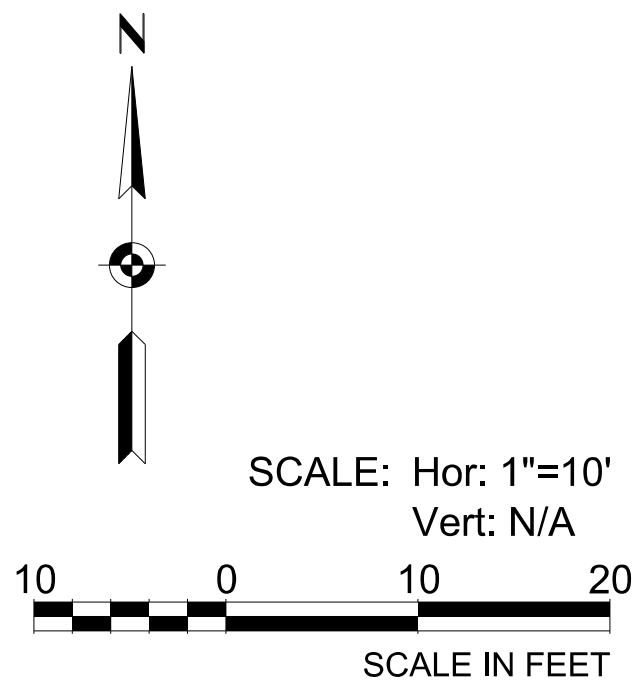
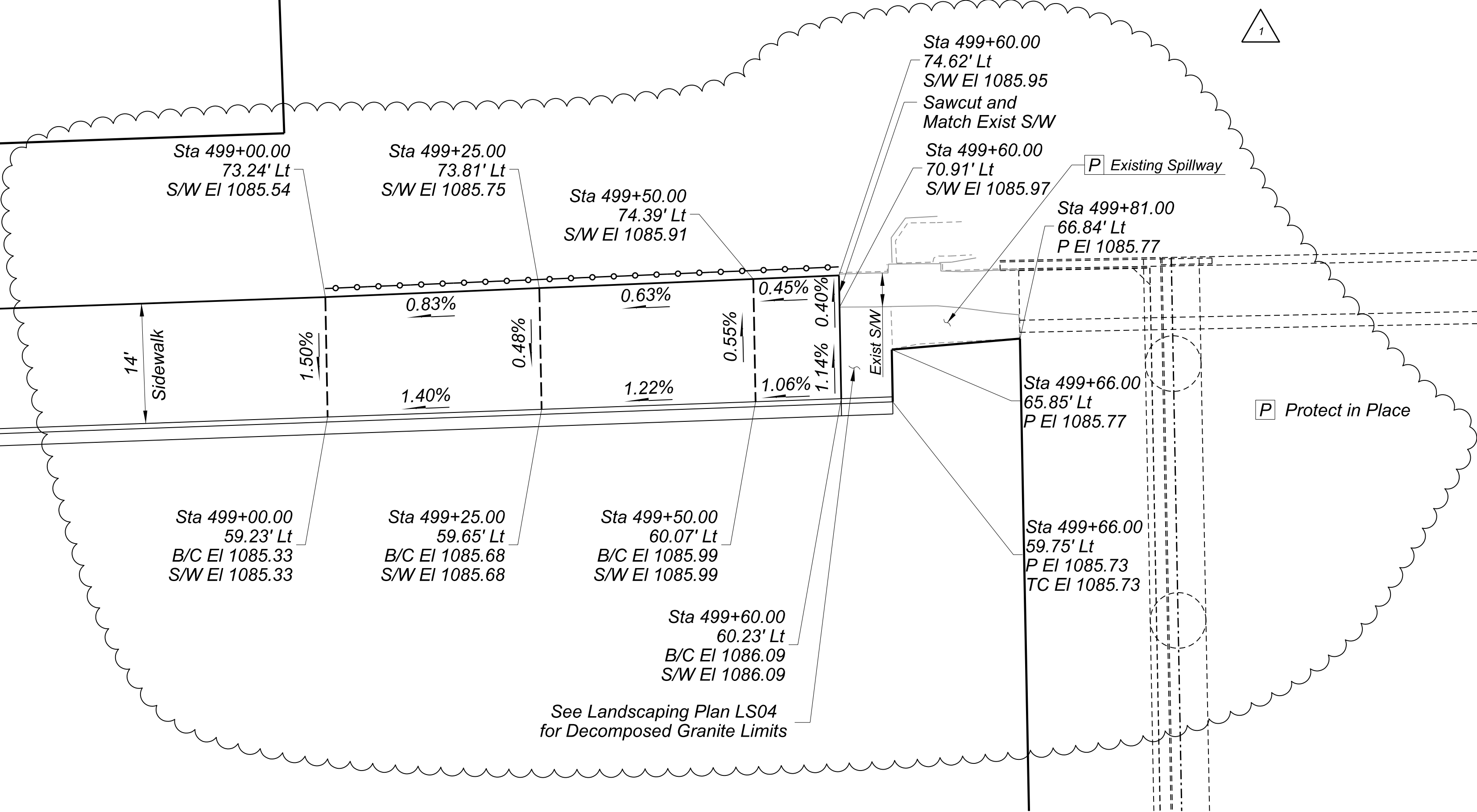
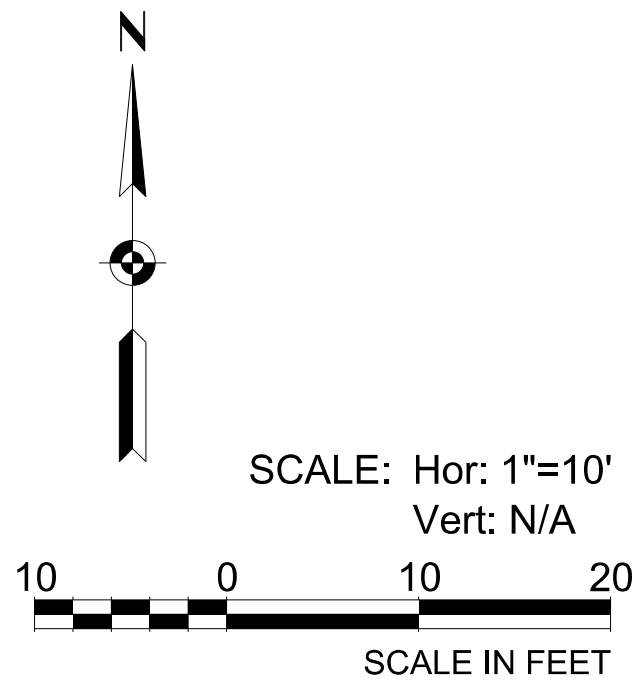
NOTE:
Curb and centerline profile information provided on sheet P10.

△			
△			
△			
NO.	ADDENDUM 2 REVISION REVISION	JGM BY	07/15/26 DATE
MARICOPA COUNTY NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372			
Professional Engineer Seal 79706 JAMES G. MCCAIG 8/1/2025 Signature James G. Mccaig	BY		DATE
	DESIGNED	G. MCCAIG	07/2026
	DRAWN	G. MCCAIG	07/2026
	CHECKED	D. LENZER	07/2026
BURGESS & NIPLE 1230 W. WASHINGTON ST. SUITE 511 TEMPE, AZ 85288			SHEET RD08
CROWN AND CROSS SLOPE DETAIL			

TRACS NO.

3:39:27 PM 8/10/2026

pw://tyli-pw.bentley.com/tyli-pw-01/Documents/Projects/221991.00_TT0372/600_CADD/05_Official/Dgn_PHASE_1/Sheets/B&N/TT0372_SD_SidewalkTransitions01



NOTE:
Stations and Offsets are from Northern Avenue
Construction Centerline unless noted otherwise.

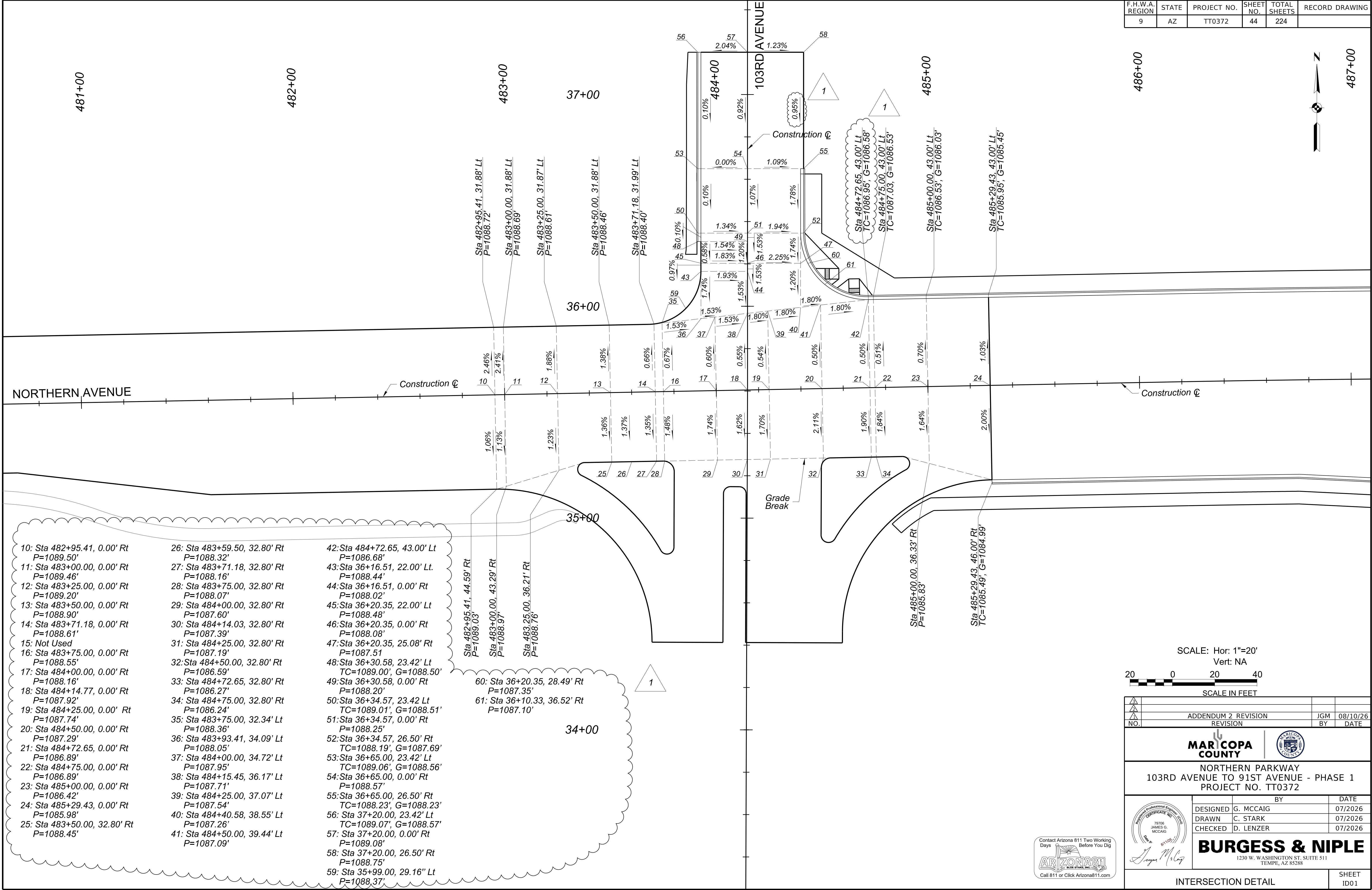


ADDENDUM 2 REVISION		JGM	08/10/26	
REVISION		BY	DATE	
MARICOPA COUNTY		MARICOPA COUNTY		
NORTHERN PARKWAY				
103RD AVENUE TO 91ST AVENUE - PHASE 1				
PROJECT NO. TT0372				
Professional Engineer No. 79706 JAMES G. MCCAIG 811026			BY	DATE
DESIGNED		G. MCCAIG	07/2026	
DRAWN		C. STARK	07/2026	
CHECKED		D. LENZER	07/2026	
BURGESS & NIPLE 1230 W. WASHINGTON ST. SUITE 511 TEMPE, AZ 85288				
SIDEWALK TRANSITION DETAIL			SHEET RD09	

11:29:13 AM8/10/2026

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	44	224	



SCALE: Hor: 1"=20' Vert: NA

20 0 20 40

SCALE IN FEET

ADDENDUM 2 REVISION	JGM	08/10/26
REVISION	BY	DATE

MARICOPA COUNTY

NORTHERN PARKWAY
103RD AVENUE TO 91ST AVENUE - PHASE 1
PROJECT NO. TT0372

DESIGNED	G. MCCAIG	07/2026
DRAWN	C. STARK	07/2026
CHECKED	D. LENZER	07/2026

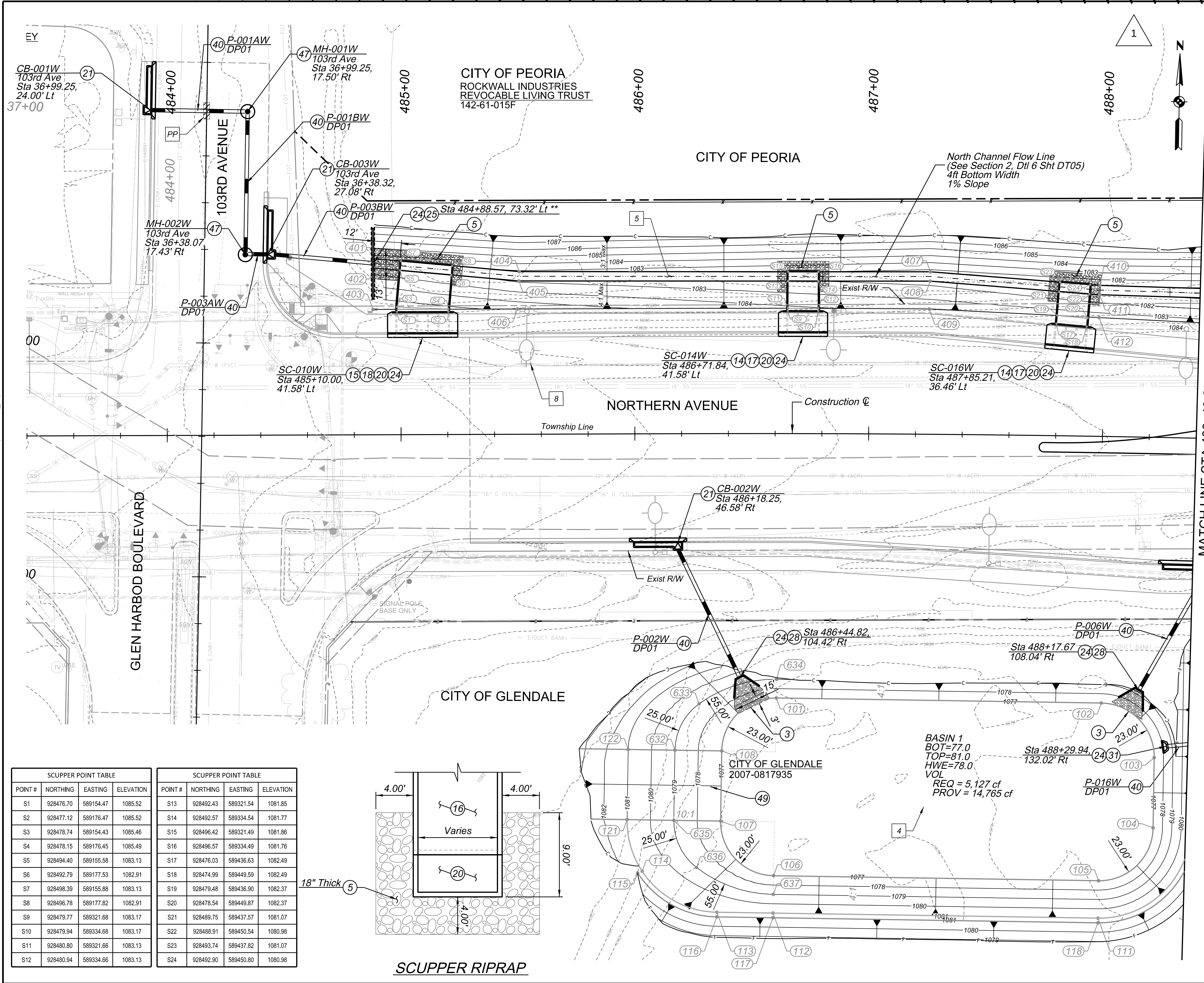
BURGESS & NIPLE
1230 W. WASHINGTON ST. SUITE 511
TEMPE, AZ 85288

INTERSECTION DETAIL

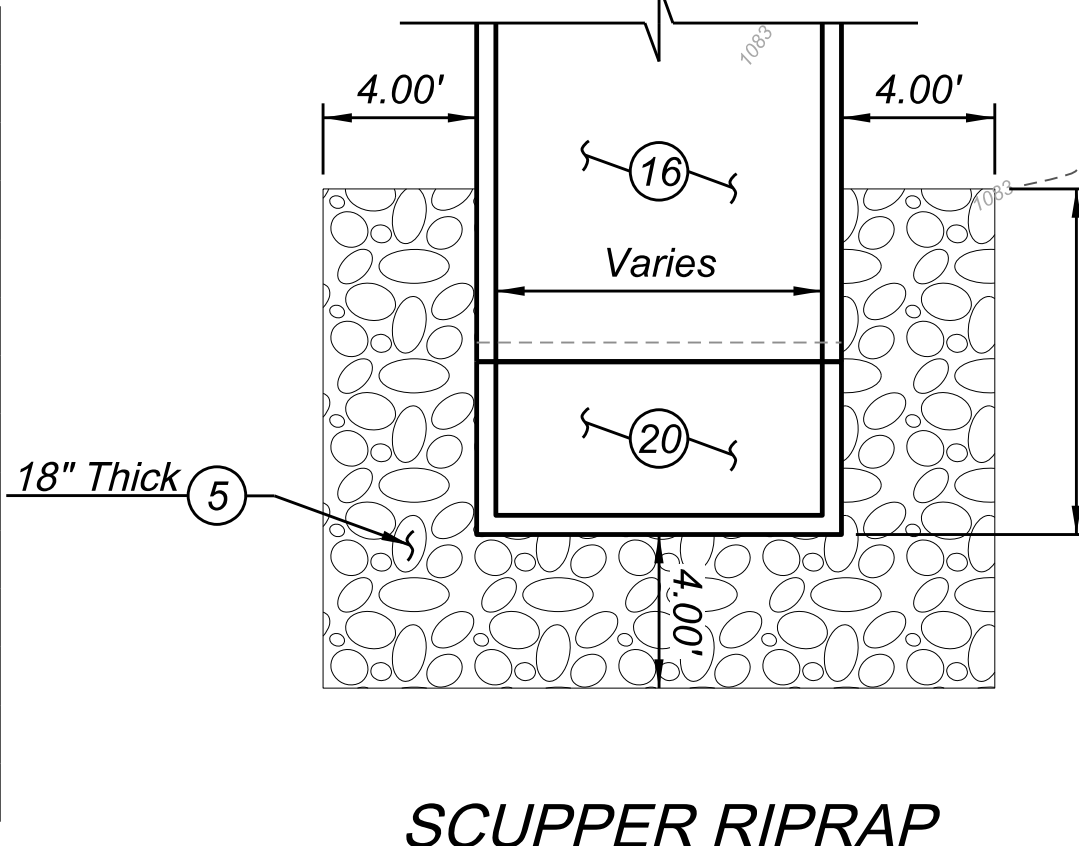
SHEET ID01

TRACS NO.

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SCUPPER POINT TABLE				SCUPPER POINT TABLE			
POINT #	NORTHING	EASTING	ELEVATION	POINT #	NORTHING	EASTING	ELEVATION
S1	928476.70	589154.47	1085.52	S13	928492.43	589321.54	1081.85
S2	928477.12	589176.47	1085.52	S14	928492.57	589334.54	1081.77
S3	928478.74	589154.43	1085.46	S15	928496.42	589321.49	1081.86
S4	928478.15	589176.45	1085.49	S16	928496.57	589334.49	1081.76
S5	928494.40	589155.58	1083.13	S17	928476.03	589436.63	1082.49
S6	928492.79	589177.53	1082.91	S18	928474.99	589449.59	1082.49
S7	928498.39	589155.88	1083.13	S19	928479.48	589436.90	1082.37
S8	928496.78	589177.82	1082.91	S20	928478.54	589449.87	1082.37
S9	928479.77	589321.68	1083.17	S21	928489.75	589437.57	1081.07
S10	928479.94	589334.68	1083.17	S22	928488.91	589450.54	1080.98
S11	928480.80	589321.66	1083.13	S23	928493.74	589437.82	1081.07
S12	928480.94	589334.66	1083.13	S24	928492.90	589450.80	1080.98



SCUPPER RIPRAP

MATCH LINE STA 488+40 SHT DR02

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	45	224	

☐ REMOVAL / RELOCATE ☐

4	Earthwork for Retention Basins	5239 CY
5	Channel Excavation	1,680 CY
8	Remove Scupper	1 EA
PP	Pipe Protection per MAG Std Dtl 404, MAG Std Spec Section 610	

☐ CONSTRUCTION ☐

3	Riprap, D50=6in, See Det D4 on Sht DT04 For Riprap Dimension At Pipe Outlets	10 CY
5	Riprap, D50=9 in	32 CY
14	Concrete Scupper, MAG Det 206, S/W=8 ft, 3-4 ft Curb Opening	2 EA
15	Concrete Scupper, MAG Det 206, S/W=8 ft, 5-4 ft Curb Opening	1 EA
17	Concrete Scupper Spillway, MAG Det 206, 3-4 ft Curb Openings	36 LF
18	Concrete Scupper Spillway, MAG Det 206, 5-4 ft Curb Openings	22 LF
20	Sediment Trap, MAG Det OROW-511	3 EA
21	Catch Basin, MAG Det 542-1, Type M-1, L=17 ft	3 EA
24	Safety Rail, Height 3 ft - 6 in, MAG Det 145	140 LF
25	Headwall, Det 5524, Straight Type, 18 in Pipe, Modified per Det D4 on Sht DT04	1 EA
28	Headwall, Det 5524, U Type, 18 in Pipe, Modified per Det D4 on Sht DT04	2 EA
31	Headwall, Drop Inlet, MAG Det 501-5, 18 in Pipe, Modified per Det D4 on Sht DT04	1 EA
40	18 in RGRCP, Class IV	269 LF
47	Storm Drain Manhole, MAG Det 520 & 522	2 EA
49	Maintenance Road, FCD Det FCD201-2	206 SY

General Notes:
1) All Utilities In Conflict With Storm Drain Are To Be Verified And/or Relocated Prior To Construction.
2) All Stations and Offsets are Referenced from the Northern Parkway Construction Centerline, Unless Otherwise Noted on Plans
** Cut-Off Wall Required

SCALE: Hor: 1"=20' Vert: NA
20 0 20 40
SCALE IN FEET

Contact Arizona 811 Two Working Days Before You Dig
ARIZONA 811
Call 811 or Click Arizona811.com

ADDENDUM 2 REVISIONS	BF/JW	08/26
NO. REVISION	BY	DATE

MARICOPA COUNTY

NORTHERN PARKWAY
103RD AVENUE TO 91ST AVENUE - PHASE 1
PROJECT NO. TT0372

DESIGNED	BY	DATE
DRAWN	BF, JW, MM, AB, GT	8/12/2026
CHECKED	JH	8/12/2026

62327 WILLIAM FOGELL
Professional Engineer
No. 0000000000
State of Arizona

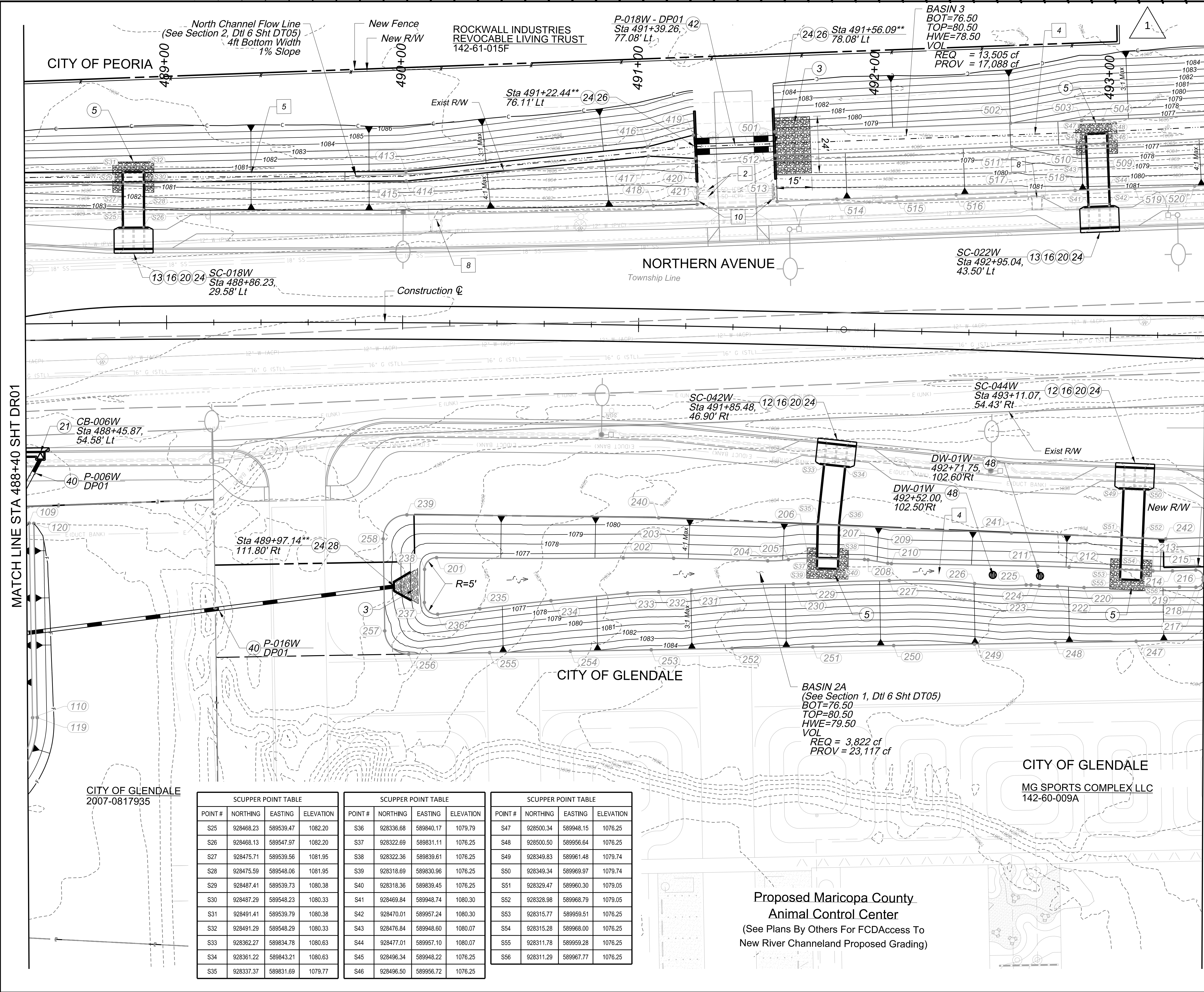
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NORTHERN AVENUE - STORM DRAIN PLAN
STA 483+40 TO 488+40

TRACS NO.

SHEET DR01

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MATCH LINE STA 493+40 SHT DR03

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	46	224	

☐ REMOVAL / RELOCATE ☐

2	Remove Pipe, Backfill & Compact, D < 30 in	66 LF
4	Earthwork for Retention Basins	14,706 CY
5	Channel Excavation	1,500 CY
8	Remove Scupper	2 EA
10	Remove Concrete Headwall	2 EA

☐ CONSTRUCTION ☐

3	Riprap, D50=6in, See Det D4 on Sht DT04 For Riprap Dimension At Pipe Outlets	18 CY
5	Riprap, D50=9 in	31 CY
12	Concrete Scupper, MAG Det 206, S/W=6 ft, 2-4 ft Curb Opening	2 EA
13	Concrete Scupper, MAG Det 206, S/W=8 ft, 2-4 ft Curb Opening	2 EA
16	Concrete Scupper Spillway, MAG Det 206, 2-4 ft Curb Openings	138 LF
20	Sediment Trap, MAG Det OROW-511	4 EA
21	Catch Basin, MAG Det 542-1, Type M-1, L=17 ft	1 EA
24	Safety Rail, Height 3 ft - 6 in, MAG Det 145	138 LF
26	Headwall, Det 5524, Straight Type, 2-30 in Pipe, Modified per Det D4 on Sht DT04	2 EA
28	Headwall, Det 5524, U Type, 18 in Pipe, Modified per Det D4 on Sht DT04	1 EA
40	18 in RGRCP, Class IV	158 LF
42	30 in RGRCP, Class IV	70 LF
48	Drywell, MaxWell Plus or Equal, Basic Depth 30 ft per D05 on Sht DT05	1 EA

General Notes:
1) All Utilities In Conflict With Storm Drain Are To Be Verified And/or Relocated Prior To Construction.
2) All Stations and Offsets are Referenced from the Northern Parkway Construction Centerline, Unless Otherwise Noted on Plans
** Cut-Off Wall Required

SCALE: Hor: 1"=20'
Vert: NA

20 0 20 40
SCALE IN FEET

Contact Arizona 811 Two Working Days Before You Dig
ARIZONA 811
Call 811 or Click Arizona811.com

ADDENDUM 2 REVISIONS	BF/JW	08/26
REVISION	BY	DATE

MARICOPA COUNTY

NORTHERN PARKWAY
103RD AVENUE TO 91ST AVENUE - PHASE 1
PROJECT NO. TT0372

DESIGNED	BY	DATE
DRAWN	BF, JW, MM, AB, GT	8/12/2026
CHECKED	JH	8/12/2026

Design

NORTHERN AVENUE - STORM DRAIN PLAN
STA 488+40 TO 493+40

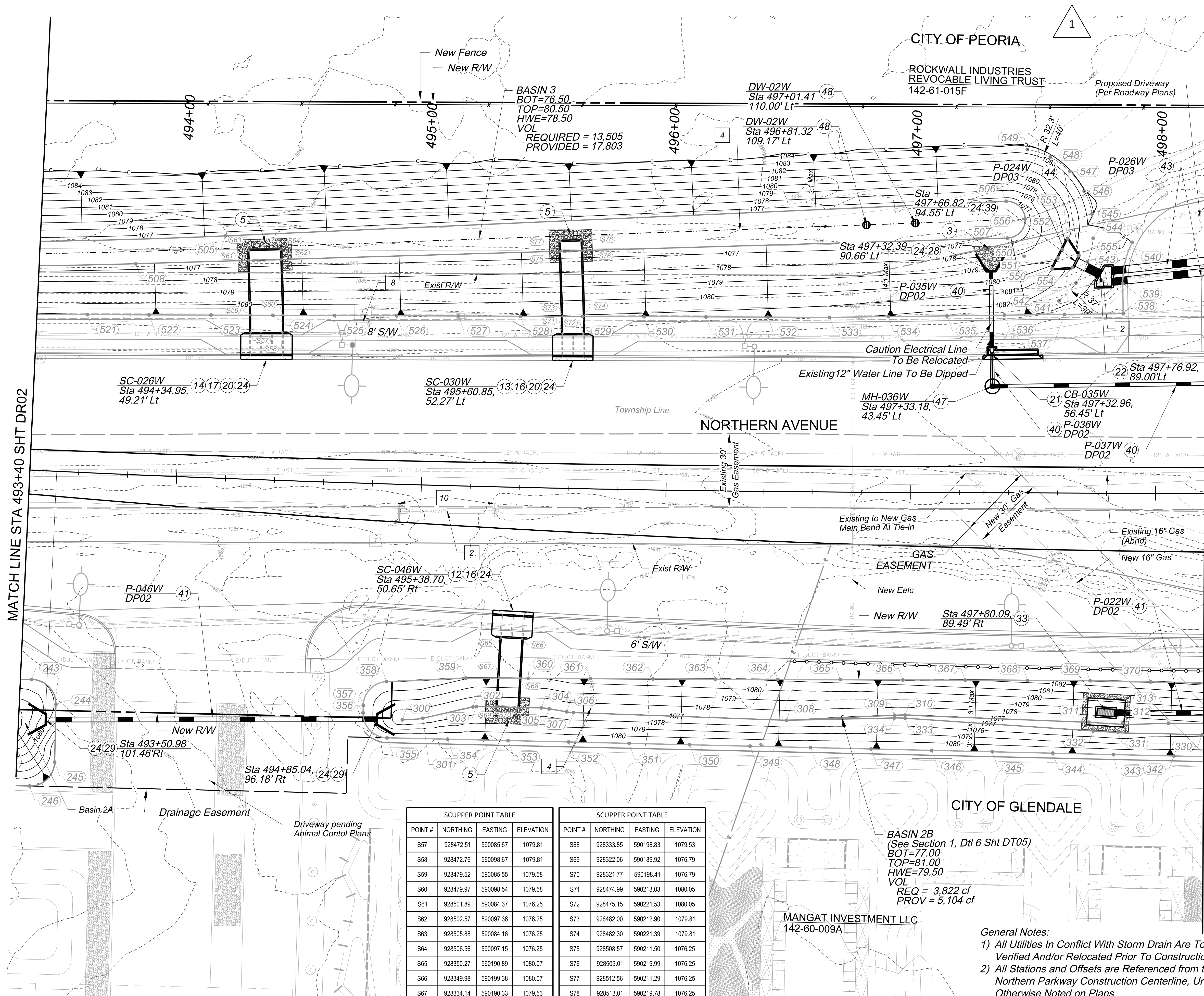
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TRACS NO.

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S26	928468.13	589547.97	1082.20	S37	928322.69	589831.11	1076.25	S48	928500.50	589956.64	1076.25
S27	928475.71	589539.56	1081.95	S38	928322.36	589839.61	1076.25	S49	928349.83	589961.48	1079.74
S28	928475.59	589548.06	1081.95	S39	928318.69	589830.96	1076.25	S50	928349.34	589969.97	1079.74
S29	928487.41	589539.73	1080.38	S40	928318.36	589839.45	1076.25	S51	928329.47	589960.30	1079.05
S30	928487.29	589548.23	1080.33	S41	928469.84	589948.74	1080.30	S52	928328.98	589968.79	1079.05
S31	928491.41	589539.79	1080.38	S42	928470.01	589957.24	1080.30	S53	928315.77	589959.51	1076.25
S32	928491.29	589548.29	1080.33	S43	928476.84	589948.60	1080.07	S54	928315.28	589968.00	1076.25
S33	928362.27	589834.78	1080.63	S44	928477.01	589957.10	1080.07	S55	928311.78	589959.28	1076.25
S34	928361.22	589843.21	1080.63	S45	928496.34	589948.22	1076.25	S56	928311.29	589967.77	1076.25
S35	928337.37	589831.69	1079.77	S46	928496.50	589956.72	1076.25				

Proposed Maricopa County
Animal Control Center
(See Plans By Others For FCDAccess To
New River Channeland Proposed Grading)

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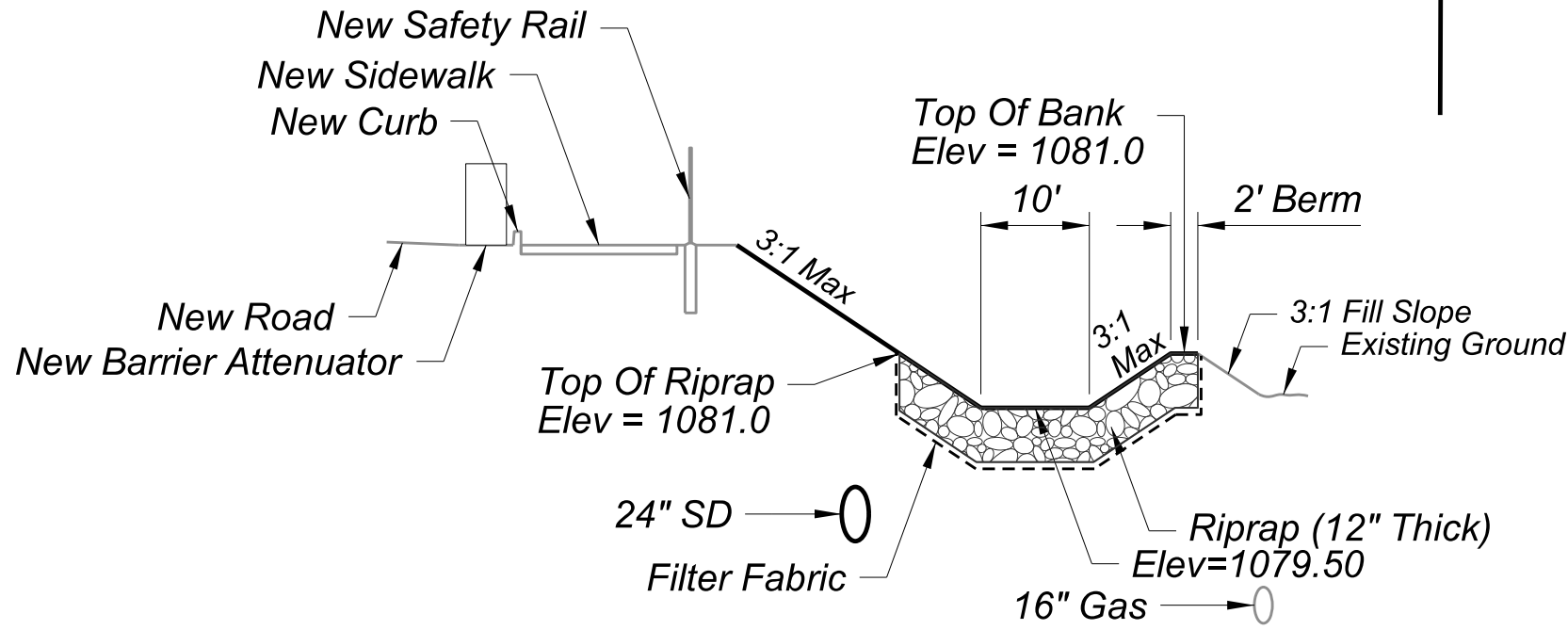
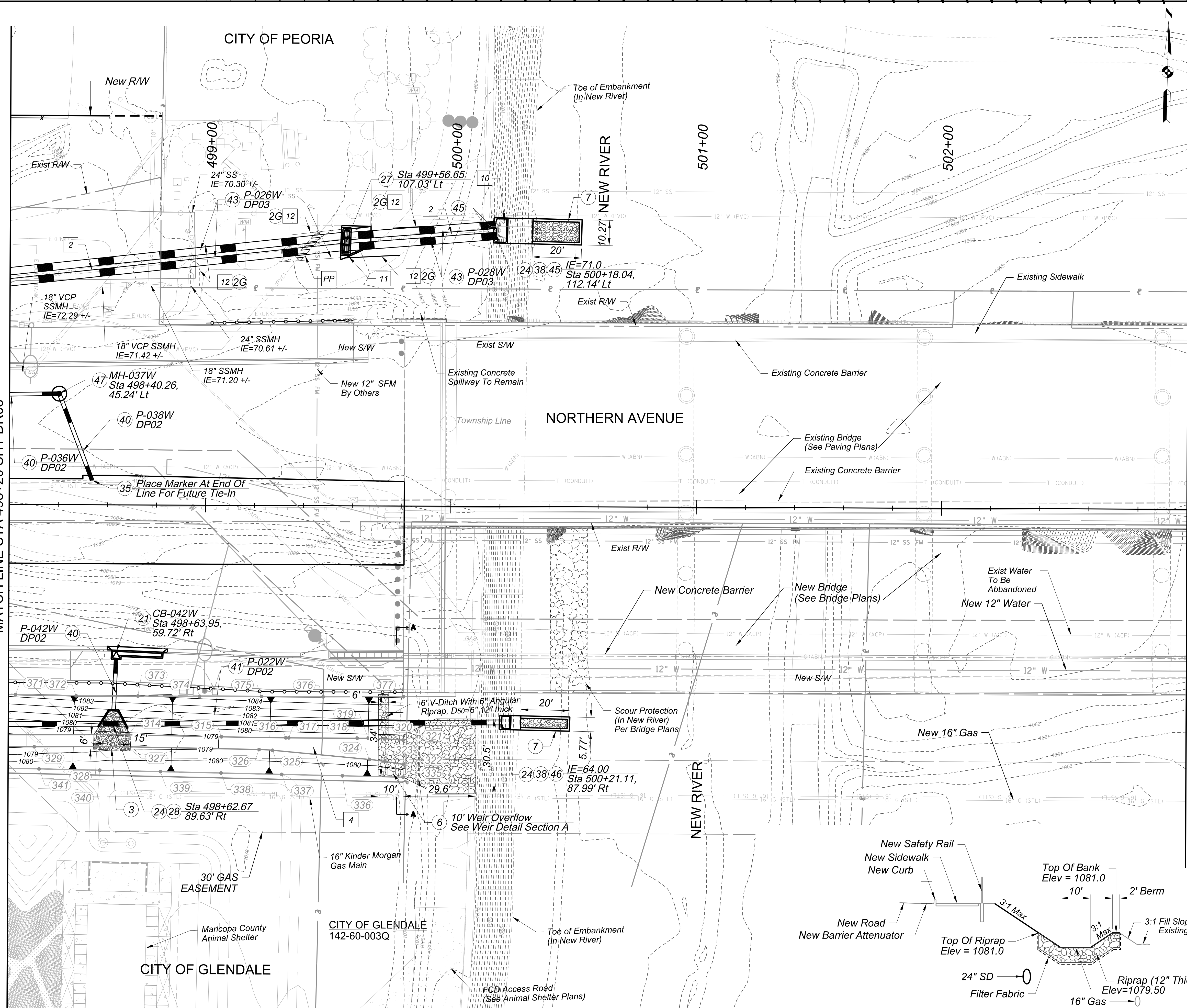


P.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	47	224	
☐ REMOVAL / RELOCATE ☐					
2	Remove Pipe, Backfill & Compact, D < 30 in				82 LF
4	Earthwork for Retention Basins				14,665 CY
8	Remove Scupper				1 EA
10	Remove Concrete Headwall				2 EA
☐ CONSTRUCTION ☐					
3	Riprap, D50=6in, See Det D4 on Sht DT04 For Riprap Dimension At Pipe Outlets				3 CY
5	Riprap, D50=9 in				22 CY
12	Concrete Scupper, MAG Det 206, S/W=6 ft, 2-4 ft Curb Opening				1 EA
13	Concrete Scupper, MAG Det 206, S/W=8 ft, 2-4 ft Curb Opening				1 EA
14	Concrete Scupper, MAG Det 206, S/W=8 ft, 3-4 ft Curb Opening				1 EA
16	Concrete Scupper Spillway, MAG Det 206, 2-4 ft Curb Openings				53 LF
17	Concrete Scupper Spillway, MAG Det 206, 3-4 ft Curb Openings				xx LF
20	Sediment Trap, MAG Det OROW-511				3 EA
21	Catch Basin, MAG Det 542-1, Type M-1, L=17 ft				1 EA
22	Concrete Junction Box, 1-48 in (in) 2-36 in (out), Special Det D2 on Sht DT02				1 EA
24	Safety Rail, Height 3 ft - 6 in, MAG Det 145				127 LF
28	Headwall, Det 5524, U Type, 18 in Pipe, Modified per Det D4 on Sht DT04				1 EA
29	Headwall, Det 5524, U Type, 24 in Pipe, Modified per Det D4 on Sht DT04				2 EA
33	Double Catch Basin, ADOT C-15.81, Modified per Special Det D3 on Sht DT03				1 EA
39	Headwall, Drop Inlet, MAG Det 501-5, 48 in Pipe, Modified per Det D7 on Sht DT06				1 EA
40	18 in RGRCP, Class IV				132 LF
41	24 in RGRCP, Class IV				176 LF
43	36 in RGRCP, Class IV				80 LF
44	48 in RGRCP, Class IV				24 LF
47	Storm Drain Manhole, MAG Det 520 & 522				1 EA
48	Drywell, MaxWell Plus or Equal, Basic Depth 30 ft per D05 on Sht DT05				1 EA
SCALE: Hor: 1"=20' Vert: NA 20002040 SCALE IN FEET Contact Arizona 811 Two Working Days Before You Dig ARIZONA811 BLUE STAKE, INC. Call 811 or Click Arizona811.com					
ADDENDUM 2 REVISIONS NO. REVISION BF/JW 08/26	BY DATE				
MARICOPA COUNTY 62327 WILLIAM FOGELL REGISTERED PROFESSIONAL ENGINEER STATE OF ARIZONA NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372 BY BF 8/12/2026 DRAWN BF, JW, MM, AB, GT 8/12/2026 CHECKED JH 8/12/2026 J2 Design NORTHERN AVENUE - STORM DRAIN PLAN STA 493+40 TO 498+40 SHEET DR03					

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MATCH LINE STA 498+20 SHT DR03

MATCH LINE STA 503+00 SHT DR05



WEIR DETAIL SECTION A-A

1

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	48	224	

☐ REMOVAL / RELOCATE ☐

PP	Pipe Protection per MAG Std Dtl 404, MAG Std Spec Section 610	
2	Remove Pipe, Backfill & Compact, D < 30 in	200 LF
4	Earthwork for Retention Basins	1,159 CY
10	Remove Concrete Headwall	1 EA
11	Remove Junction Structure	1 EA
12	Sawcut And Remove And Replace Permanent Asphalt Pavement, Per Pavement Section F	84 SY

☐ CONSTRUCTION ☐

2G	Construct Roadway Pavement Section F Subgrade Preparation	84 SY
	6" Aggregate Base Course	84 SY
	2.5" Asphalt Concrete Pavement (Superpave 1/2" Mix, High Traffic)	2 CY
		4 Ton
3	Riprap, D50=6in, See Det D4 on Sht DT04 For Riprap Dimension At Pipe Outlets	2 CY
6	Riprap, D50=12 in	20 CY
7	Grouted Riprap, D50=12 in	18 CY
21	Catch Basin, MAG Det 542-1, Type M-1, L=17 ft	1 EA
24	Safety Rail, Height 3 ft - 6 in, MAG Det 145	24 LF
27	Triple Catch Basin, ADOT C-15.81, Modified per Special Det D3 on Sht DT03	1 EA
28	Headwall, Det 5524, U Type, 18 in Pipe, Modified per Det D4 on Sht DT04	1 EA
35	Pipe Plug, MAG Det 427, 18 in Pipe	1 EA
38	Outlet Headwall, Outlet, Special D1 On Sht DT01	2 EA
40	18 in RGRCP, Class IV	99 LF
41	24 in RGRCP, Class IV	192 LF
43	36 in RGRCP, Class IV	386 LF
45	Outlet Barrier Gate For 36 in Pipe, ADOT Std Det C-13.75	2 EA
46	Outlet Barrier Gate For 24 in Pipe, ADOT Std Det C-13.75	1 EA

General Notes:

- All Utilities In Conflict With Storm Drain Are To Be Verified And/or Relocated Prior To Construction.
- All Stations and Offsets are Referenced from the Northern Parkway Construction Centerline, Unless Otherwise Noted on Plans

SCALE: Hor: 1"=20' Vert: NA

20 0 20 40

SCALE IN FEET

Contact Arizona 811 Two Working Days Before You Dig

ARIZONA 811

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NO.	ADDENDUM 2 REVISIONS	REVISION	BY	DATE
			BF/JW	08/26

MARICOPA COUNTY

NORTHERN PARKWAY
103RD AVENUE TO 91ST AVENUE - PHASE 1
PROJECT NO. TT0372

	BY	DATE
DESIGNED	BF	8/12/2026
DRAWN	BF, JW, MM, AB, GT	8/12/2026
CHECKED	JH	8/12/2026

Design

NORTHERN AVENUE - STORM DRAIN PLAN
STA 498+40 TO 503+80

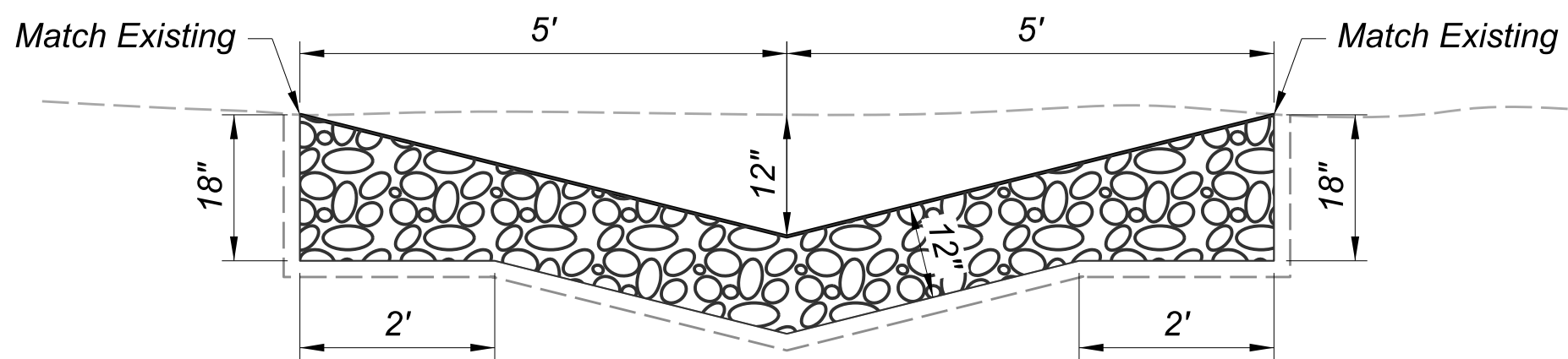
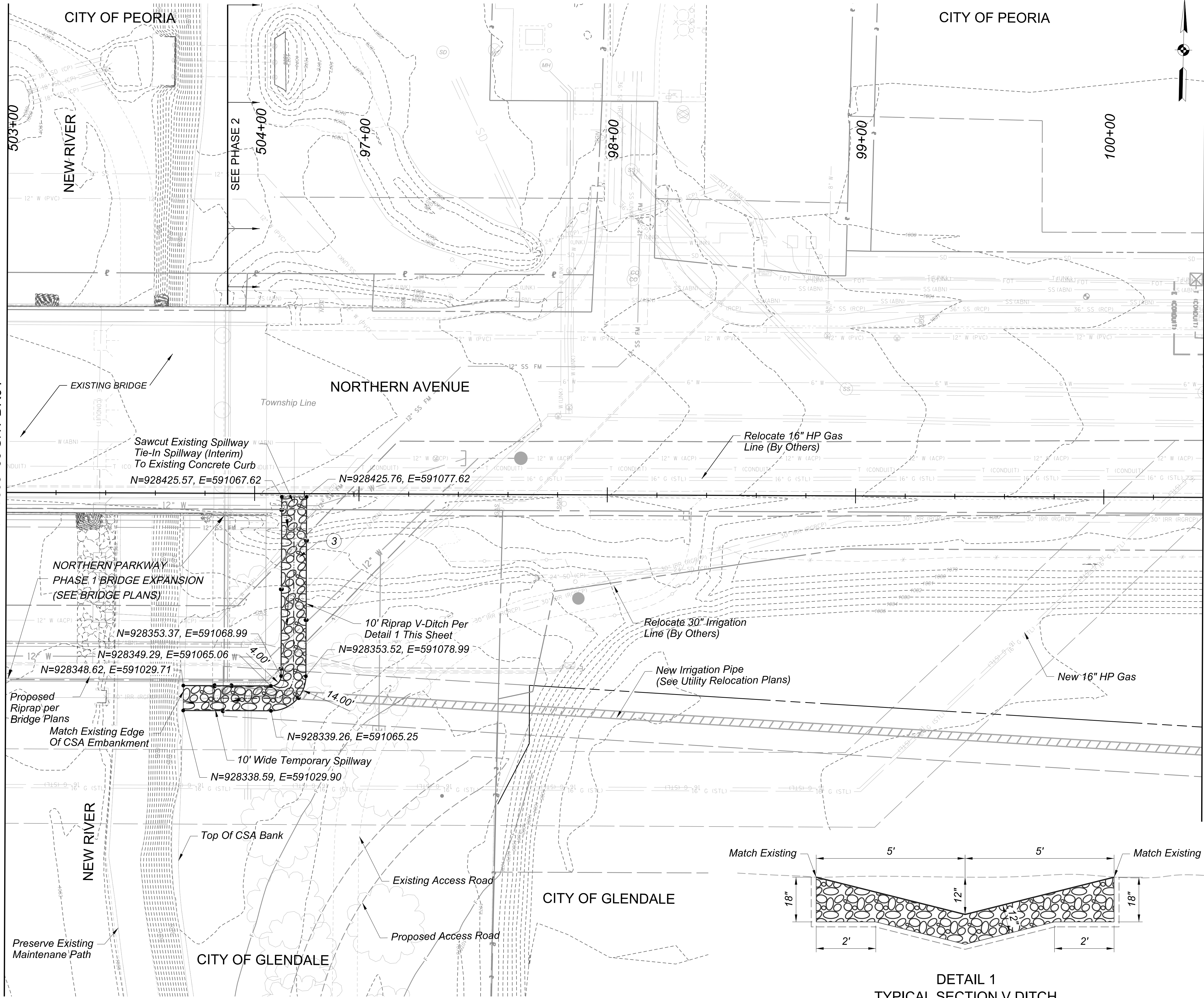
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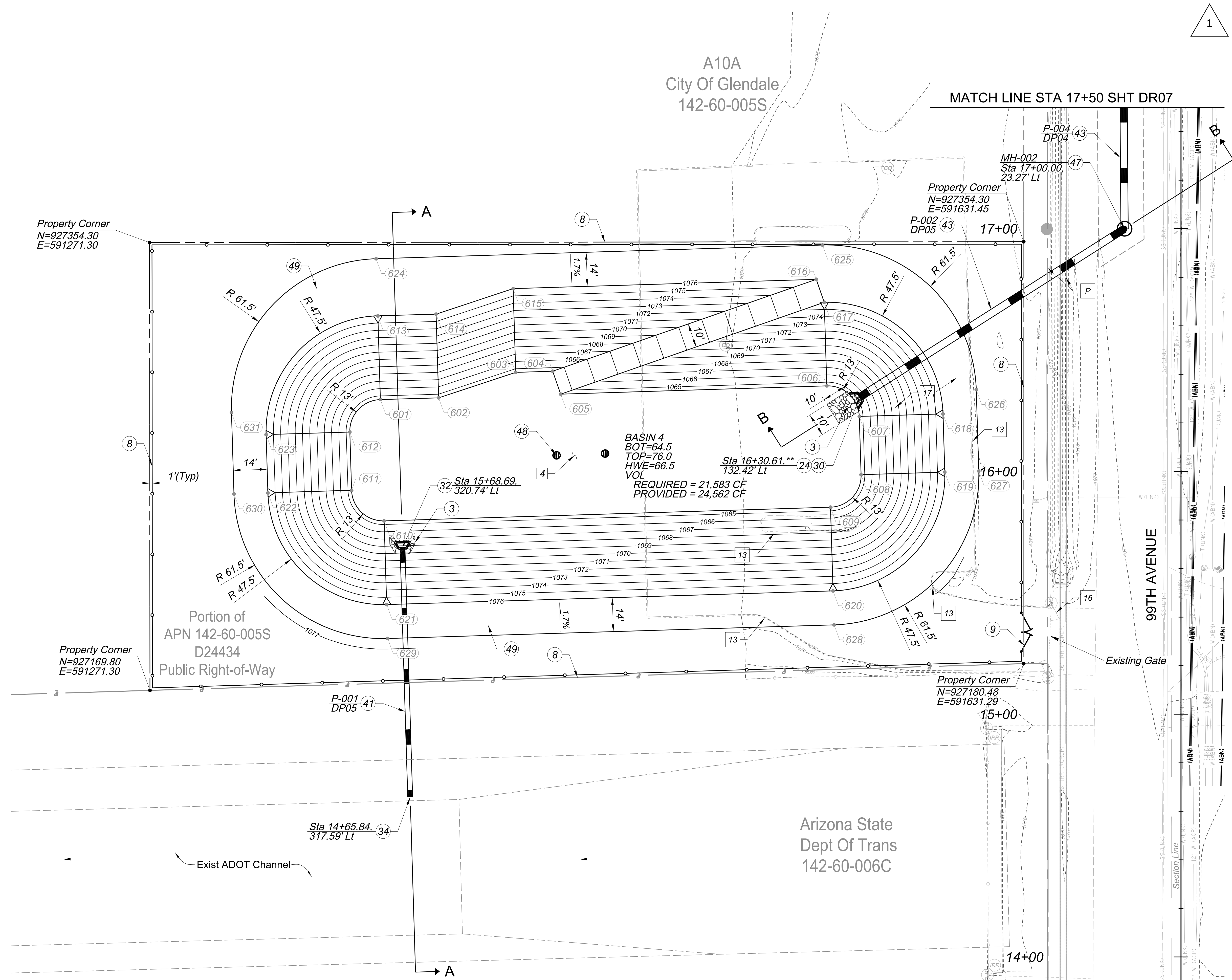
MATCH LINE STA 503+00 SHT DR04

MATCH LINE STA 100+40 SHT DR09



DETAIL 1
TYPICAL SECTION V DITCH

F.H.W.A. REGION 9	STATE AZ	PROJECT NO. TT0372	SHEET NO. 49	TOTAL SHEETS 224	RECORD DRAWING
☐ REMOVAL / RELOCATE ☐					
1					
☐ CONSTRUCTION ☐					
③ Riprap, D50=6in, See Det D4 on Sht DT04 For Riprap Dimension At Pipe Outlets					43 CY
General Notes: 1) All Utilities In Conflict With Storm Drain Are To Be Verified And/or Relocated Prior To Construction. 2) All Stations and Offsets are Referenced from the Northern Parkway Construction Centerline, Unless Otherwise Noted on Plans					
SCALE: Hor: 1"=20' Vert: NA 20 0 20 40 SCALE IN FEET Contact Arizona 811 Two Working Days Before You Dig ARIZONA Call 811 or Click Arizona811.com					
ADDENDUM 2 REVISIONS		BY		08/26	
REVISION		BY		DATE	
MARICOPA COUNTY					
NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372					
	DESIGNED	BY	DATE		
	DRAWN	BF, JW, MM, AB, GT	8/12/2026		
	CHECKED	JH	8/12/2026		
J&S Design					
NORTHERN AVENUE - STORM DRAIN PLAN STA 503+40 TO 100+40					SHEET DR05
TRACS NO.					



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING	
9	AZ	TT0372	50	224		
☐ REMOVAL / RELOCATE ☐						
☒ Preserve and Protect in Place						
4 Earthwork for Retention Basins			8400 CY			
13 Remove Concrete Single Curb			310 LF			
15 Remove Chain Link Fence			512 LF			
16 Remove Gate			1 EA			
17 Removal of Pavement			2538 SY			
☐ CONSTRUCTION ☐						
3 Riprap, D50=6in, See Det D4 on Sht DT04 For Riprap Dimension At Pipe Outlets			7 CY			
8 6 ft Chain Link Fence, Type 1, ADOT C-12.10			1080 LF			
9 6 ft x 24 ft Chain Link Fence Gate, MAG Det 160			1 EA			
24 Safety Rail, Height 3 ft - 6 in, MAG Det 145			24 LF			
30 Headwall, Det 5524, U Type, 36 in Pipe, Modified per Det D4 on Sht DT04			1 EA			
32 Headwall, Drop Inlet, MAG Det 501-5, 24 in Pipe, Modified per Det D4 on Sht DT04			1 EA			
34 Storm Drain Outlet, ADOT C-13.76			1 EA			
41 24 in RGRCP, Class IV			104 LF			
43 36 in RGRCP, Class IV			180 LF			
47 Storm Drain Manhole, MAG Det 520 & 522			1 EA			
48 Drywell, MaxWell Plus or Equal, Basic Depth 30 ft per D05 on Sht DT05			1 EA			
49 Maintenance Road, FCD Det FCD201-2			41 SY			
General Notes: 1) All Utilities In Conflict With Storm Drain Are To Be Verified And/or Relocated Prior To Construction. 2) All Stations and Offsets are Referenced from the Northern Parkway Construction Centerline, Unless Otherwise Noted on Plans ** Cut-Off Wall Required						
SCALE: Hor: 1"=20' Vert: NA 2002040 SCALE IN FEET Call Arizona 811 Two Working Days Before You Dig  Call 811 or Click Arizona811.com						
ADDENDUM 2 REVISIONS NO. REVISION			BF/JW BY		08/26 DATE	
MARICOPA COUNTY						
NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372						
CERTIFICATE NO. 62327 WILLIAM FOGELL State of Arizona U.S. Seal Professional Engineer		BY		DATE		
		DESIGNED		BF		8/12/2026
		DRAWN		BF, JW, MM, AB, GT		8/12/2026
		CHECKED		JH		8/12/2026
						
99TH AVENUE - STORM DRAIN PLAN BASIN DETAIL SHEET					SHEET DR06	

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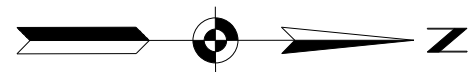
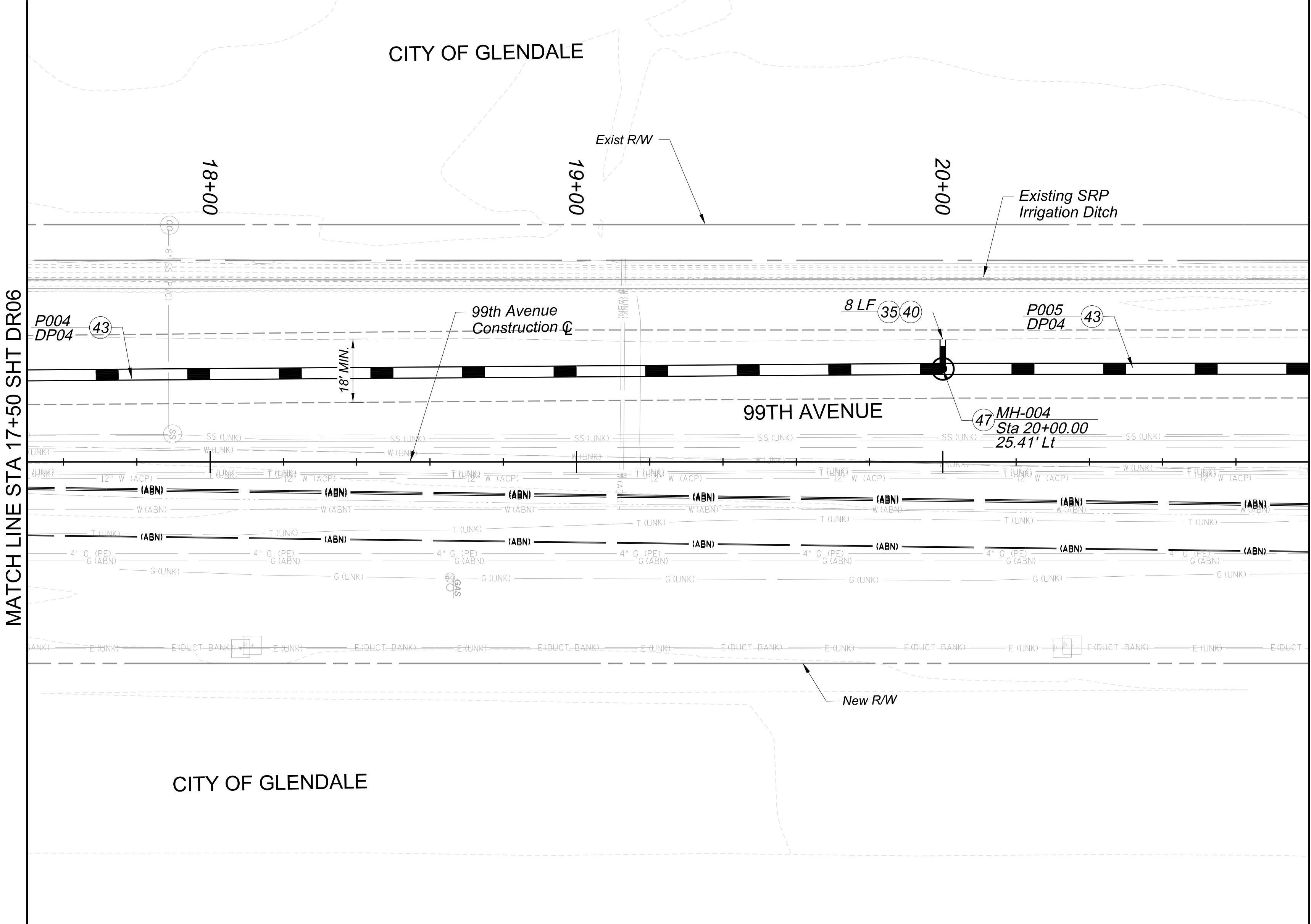
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Notes:
1. Plug Stub Out per MAG Std Dtl 427
(NPI Incidental to Cost of MH)

F.H.W.A. REGION 9	STATE AZ	PROJECT NO. TT0372	SHEET NO. 52	TOTAL SHEETS 224	RECORD DRAWING												
☐ REMOVAL / RELOCATE ☐																	
1																	
CONSTRUCTION																	
35 Pipe Plug, MAG Det 427, 18 in Pipe			1 EA														
40 18 in RGRCP, Class IV			8 LF														
43 36 in RGRCP, Class IV			350 LF														
47 Storm Drain Manhole, MAG Det 520 & 522			1 EA														
General Notes: 1) All Utilities In Conflict With Storm Drain Are To Be Verified And/or Relocated Prior To Construction. 2) All Stations and Offsets are Referenced from the 99th Ave Construction Centerline, Unless Otherwise Noted on Plans																	
SCALE: Hor: 1"=20' Vert: NA 20 0 20 40 SCALE IN FEET																	
ADDENDUM 2 REVISIONS <table border="1"><thead><tr><th>NO.</th><th>REVISION</th><th>BY</th><th>DATE</th></tr></thead><tbody><tr><td></td><td></td><td>BF/JW</td><td>08/26</td></tr></tbody></table>						NO.	REVISION	BY	DATE			BF/JW	08/26				
NO.	REVISION	BY	DATE														
		BF/JW	08/26														
MARICOPA COUNTY NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372																	
62327 WILLIAM FOGELL		<table border="1"><thead><tr><th></th><th>BY</th><th>DATE</th></tr></thead><tbody><tr><td>DESIGNED</td><td>BF</td><td>8/12/2026</td></tr><tr><td>DRAWN</td><td>BF, JW, MM, AB, GT</td><td>8/12/2026</td></tr><tr><td>CHECKED</td><td>JH</td><td>8/12/2026</td></tr></tbody></table>			BY	DATE	DESIGNED	BF	8/12/2026	DRAWN	BF, JW, MM, AB, GT	8/12/2026	CHECKED	JH	8/12/2026	Design	
	BY	DATE															
DESIGNED	BF	8/12/2026															
DRAWN	BF, JW, MM, AB, GT	8/12/2026															
CHECKED	JH	8/12/2026															
99TH AVENUE - STORM DRAIN PLAN STA 17+50 TO 21+00				SHEET DR07													
TRACS NO.																	

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8/12/2026

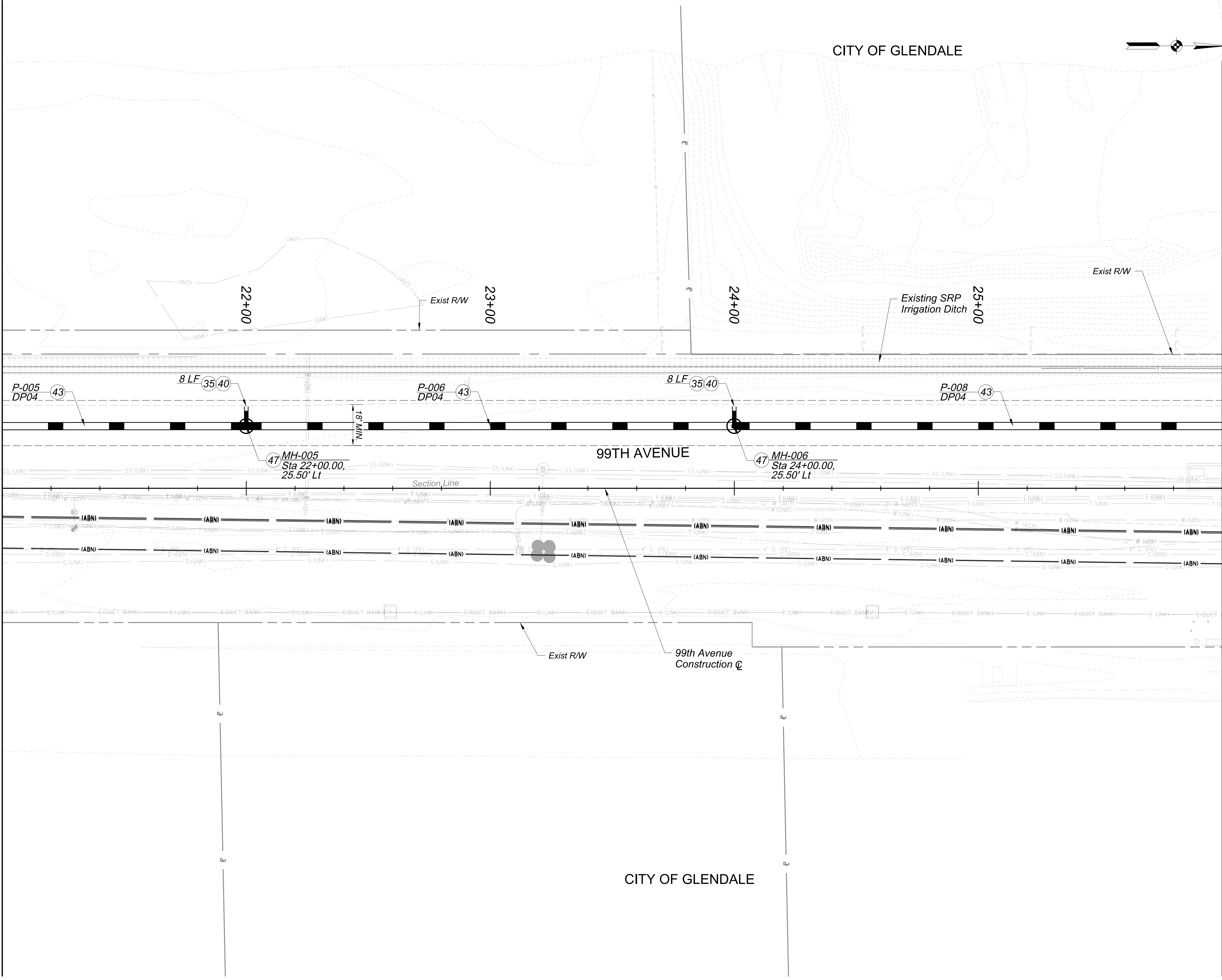
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MATCH LINE STA 21+00 SHT DR07

MATCH LINE STA 26+00 SHT DR09



F.H.W.A. REGION 9	STATE AZ	PROJECT NO. TT0372	SHEET NO. 52	TOTAL SHEETS 224	RECORD DRAWING
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☐ REMOVAL / RELOCATE ☐

1

☐ CONSTRUCTION ☐	
35 Pipe Plug, MAG Det 427, 18 in Pipe	2 EA
40 18 in RGRCP, Class IV	16 LF
43 36 in RGRCP, Class IV	500 LF
47 Storm Drain Manhole, MAG Det 520 & 522	2 EA

General Notes:

- 1) All Utilities In Conflict With Storm Drain Are To Be Verified And/or Relocated Prior To Construction.
- 2) All Stations and Offsets are Referenced from the 99th Ave Construction Centerline, Unless Otherwise Noted on Plans

SCALE: Hor: 1"=20'
Vert: NA

20 0 20 40

SCALE IN FEET

ADDENDUM 2 REVISIONS

NO.

REVISION

BY

DATE

08/26

MARICOPA COUNTY

NORTHERN PARKWAY

103RD AVENUE TO 91ST AVENUE - PHASE 1

PROJECT NO. TT0372

62327

WILLIAM

FOGELL

DESIGNED

BY

BF

DRAWN

BF, JW, MM, AB, GT

CHECKED

JH

DATE

8/12/2026

Design

99TH AVENUE - STORM DRAIN PLAN

STA 21+00 TO 26+00

SHEET

DR08

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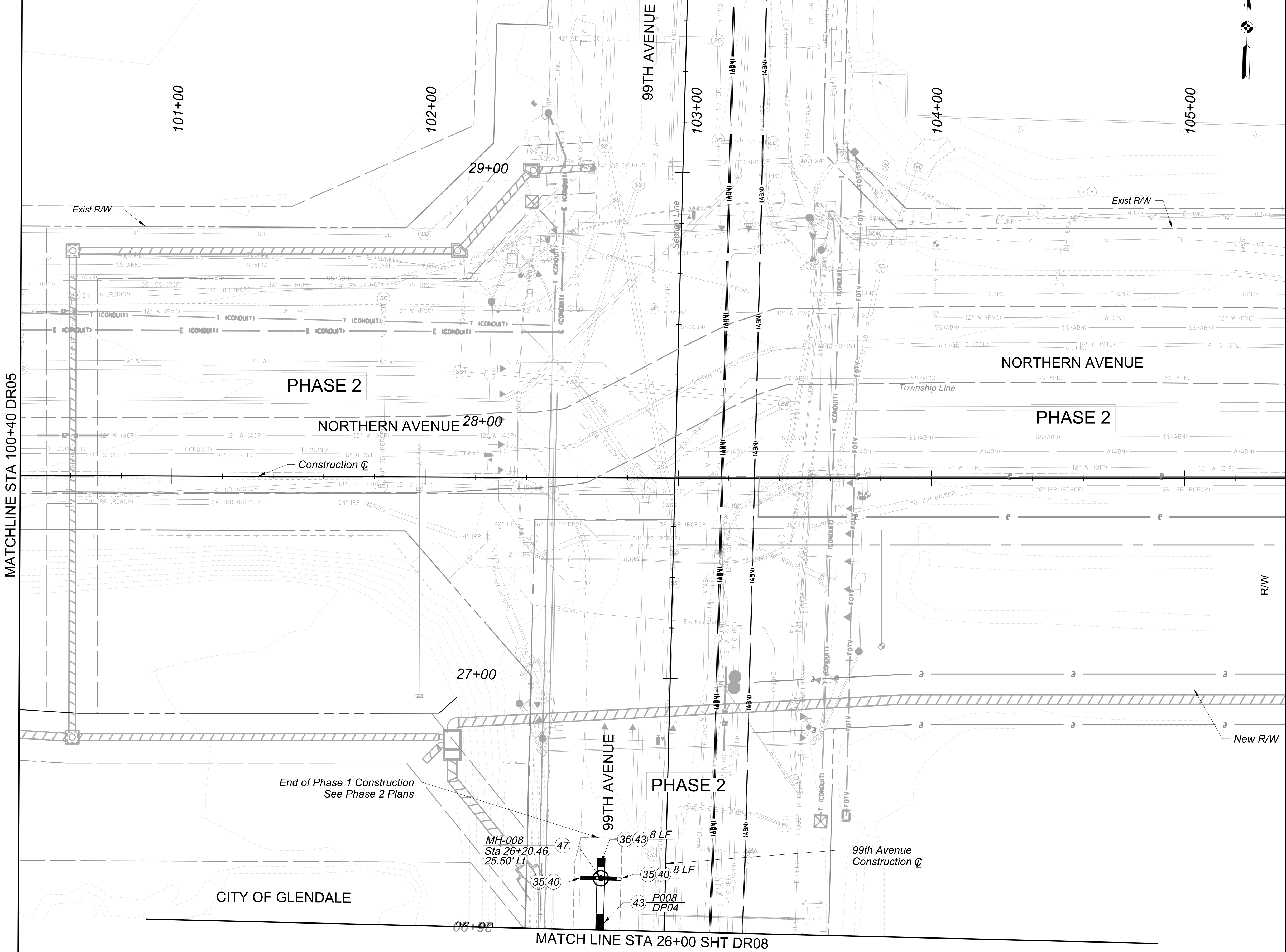
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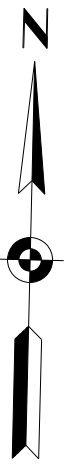
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MATCHLINE STA 100+40 DR05



CITY OF PEORIA



SEE PHASE 2 PLANS

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	53	224	

☐ REMOVAL / RELOCATE ☐

1

☐ CONSTRUCTION ☐

NO.	DESCRIPTION	QUANTITY
35	Pipe Plug, MAG Det 427, 18 in Pipe	2 EA
36	Pipe Plug, MAG Det 427, 36 in Pipe	1 EA
40	18 in RGRCP, Class IV	16 LF
43	36 in RGRCP, Class IV	28 LF
47	Storm Drain Manhole, MAG Det 520 & 522	1 EA

General Notes:

- 1) All Utilities In Conflict With Storm Drain Are To Be Verified And/or Relocated Prior To Construction.
- 2) All Stations and Offsets are Referenced from the Northern Parkway Construction Centerline, Unless Otherwise Noted on Plans

SCALE: Hor: 1"=20'
Vert: NA

20 0 20 40
SCALE IN FEET

Contact Arizona 811 Two Working Days Before You Dig
ARIZONA 811
Call 811 or Click Arizona811.com

NO.	ADDENDUM 2 REVISIONS	REVISION	BY	DATE
			BF/JW	08/26

MARICOPA COUNTY

NORTHERN PARKWAY
103RD AVENUE TO 91ST AVENUE - PHASE 1
PROJECT NO. TT0372

	BY	DATE
DESIGNED	BF	8/12/2026
DRAWN	BF, JW, MM, AB, GT	8/12/2026
CHECKED	JH	8/12/2026

62327
WILLIAM
FOGELL
Professional Engineer
No. 0000000000
State of Arizona
Exp. 08/12/2026

J Design

NORTHERN AVENUE - STORM DRAIN PLAN
STA 100+40 TO 105+40

SHEET DR09

TRACS NO.

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OpenRoads_Imperial

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	54	224	

POINT TABLE				
POINT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
101	BASIN BOTTOM	928314.06	589319.31	1077.00
102	BASIN BOTTOM	928314.07	589458.31	1077.00
103	BASIN BOTTOM	928291.07	589481.31	1077.00
104	BASIN BOTTOM	928261.07	589481.32	1077.00
105	BASIN BOTTOM	928238.07	589458.32	1077.00
106	BASIN BOTTOM	928238.06	589319.32	1077.00
107	BASIN BOTTOM	928261.06	589296.32	1077.00
108	BASIN BOTTOM	928291.06	589296.31	1077.00
109	BASIN TOP	928343.52	589497.31	1081.00
110	BASIN TOP	928261.07	589497.32	1081.00
111	BASIN TOP	928222.07	589458.32	1081.00
112	BASIN TOP	928222.06	589319.32	1081.00
113	BASIN TOP	928222.06	589295.32	1081.00
114	BASIN TOP	928239.09	589263.09	1081.00
115	BASIN BERM	928238.35	589261.18	1081.00
116	BASIN BERM	928220.06	589295.32	1081.00
117	BASIN BERM	928220.06	589319.32	1081.00
118	BASIN BERM	928220.07	589458.32	1081.00
119	BASIN BERM	928261.07	589499.32	1081.00
120	BASIN BERM	928343.38	589499.31	1081.00
121	BASIN TOP	928261.06	589256.32	1081.00
122	BASIN TOP	928291.06	589256.31	1081.00
201	BASIN BOTTOM	928325.88	589669.66	1076.50
202	BASIN BOTTOM	928324.38	589748.77	1076.50
203	BASIN BOTTOM	928323.84	589770.08	1076.50
204	BASIN BOTTOM	928322.05	589809.95	1076.50
205	BASIN BOTTOM	928322.44	589818.72	1076.50
206	BASIN BOTTOM	928322.84	589827.27	1076.50
207	BASIN BOTTOM	928321.91	589850.96	1076.50
208	BASIN BOTTOM	928321.74	589852.46	1076.50
209	BASIN BOTTOM	928320.14	589860.80	1076.50
210	BASIN BOTTOM	928319.96	589862.34	1076.50
211	BASIN BOTTOM	928317.78	589924.39	1076.50
212	BASIN BOTTOM	928317.14	589937.59	1076.50
213	BASIN BOTTOM	928314.95	589973.12	1076.50
214	BASIN BOTTOM	928314.78	589981.37	1076.50
215	BASIN BOTTOM	928314.99	589991.23	1076.50
216	BASIN BOTTOM	928311.91	589994.29	1076.50
217	BASIN BOTTOM	928310.62	589994.26	1076.50
218	BASIN BOTTOM	928307.70	589991.14	1076.50
219	BASIN BOTTOM	928307.87	589984.22	1076.50
220	BASIN BOTTOM	928308.41	589943.74	1076.50
221	BASIN BOTTOM	928308.80	589938.16	1076.50
222	BASIN BOTTOM	928309.19	589932.56	1076.50
223	BASIN BOTTOM	928309.58	589924.88	1076.50
224	BASIN BOTTOM	928309.90	589921.31	1076.50
225	BASIN BOTTOM	928309.94	589919.25	1076.50
226	BASIN BOTTOM	928310.89	589897.40	1076.50
227	BASIN BOTTOM	928312.80	589861.30	1076.50
228	BASIN BOTTOM	928312.76	589857.48	1076.50
229	BASIN BOTTOM	928312.21	589826.97	1076.50
230	BASIN BOTTOM	928312.13	589820.64	1076.50
231	BASIN BOTTOM	928310.25	589777.40	1076.50
232	BASIN BOTTOM	928309.76	589763.57	1076.50

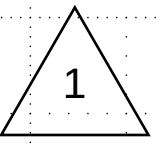
POINT TABLE				
POINT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
233	BASIN BOTTOM	928309.45	589750.34	1076.50
234	BASIN BOTTOM	928306.81	589717.81	1076.50
235	BASIN BOTTOM	928303.89	589687.64	1076.50
236	BASIN BOTTOM	928301.89	589669.71	1076.50
237	BASIN BOTTOM	928306.98	589664.16	1076.50
238	BASIN BOTTOM	928321.01	589664.49	1076.50
239	BASIN TOP	928344.23	589657.41	1080.97
240	BASIN TOP	928341.11	589764.08	1080.71
241	BASIN TOP	928332.04	589913.38	1079.96
242	BASIN TOP	928328.39	589978.78	1079.89
243	BASIN TOP	928328.75	589999.51	1079.96
244	BASIN TOP	928316.76	590009.68	1080.24
245	BASIN TOP	928295.24	590009.68	1083.78
246	BASIN TOP	928285.24	589999.68	1083.92
247	BASIN TOP	928285.24	589965.43	1084.06
248	BASIN TOP	928285.24	589931.18	1084.48
249	BASIN TOP	928285.24	589896.93	1085.07
250	BASIN TOP	928285.24	589862.68	1085.63
251	BASIN TOP	928285.24	589828.43	1085.52
252	BASIN TOP	928285.24	589794.18	1085.08
253	BASIN TOP	928285.24	589759.93	1084.60
254	BASIN TOP	928285.24	589725.68	1083.85
255	BASIN TOP	928285.24	589691.43	1082.75
256	BASIN TOP	928285.24	589657.18	1082.41
257	BASIN TOP	928295.24	589647.18	1081.70
258	BASIN TOP	928334.23	589647.18	1081.00
300	BASIN BOTTOM	928315.76	590151.29	1077.00
301	BASIN BOTTOM	928316.59	590159.63	1077.00
302	BASIN BOTTOM	928321.70	590179.93	1077.00
303	BASIN BOTTOM	928321.88	590181.38	1077.00
304	BASIN BOTTOM	928321.95	590207.95	1077.00
305	BASIN BOTTOM	928321.70	590211.13	1077.00
306	BASIN BOTTOM	928320.57	590218.29	1077.00
307	BASIN BOTTOM	928320.33	590221.15	1077.00
308	BASIN BOTTOM	928319.20	590308.11	1077.00
309	BASIN BOTTOM	928322.30	590352.26	1077.00
310	BASIN BOTTOM	928322.41	590356.54	1077.00
311	BASIN BOTTOM	928321.23	590431.73	1077.02
312	BASIN BOTTOM	928321.25	590445.39	1077.22
313	BASIN BOTTOM	928321.60	590464.20	1077.58
314	BASIN BOTTOM	928322.98	590527.49	1078.72
315	BASIN BOTTOM	928323.05	590565.45	1079.01
316	BASIN BOTTOM	928323.25	590591.64	1079.21
317	BASIN BOTTOM	928323.26	590592.88	1079.22
318	BASIN BOTTOM	928323.74	590620.76	1079.44
319	BASIN BOTTOM	928323.84	590625.22	1079.47
320	BASIN BOTTOM	928323.76	590631.85	1079.45
321	BASIN BOTTOM	928323.42	590639.55	1079.34
322	BASIN BOTTOM	928313.55	590639.75	1079.34
323	BASIN BOTTOM	928314.56	590632.27	1079.45
324	BASIN BOTTOM	928315.22	590625.92	1079.48
325	BASIN BOTTOM	928318.04	590586.39	1079.17
326	BASIN BOTTOM	928318.23	590580.89	1079.13
327	BASIN BOTTOM	928318.10	590527.25	1078.72
328	BASIN BOTTOM	928317.92	590514.80	1078.55

POINT TABLE				
POINT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
329	BASIN BOTTOM	928317.22	590489.28	1078.06
330	BASIN BOTTOM	928317.13	590478.00	1077.84
331	BASIN BOTTOM	928317.48	590443.70	1077.19
332	BASIN BOTTOM	928317.76	590433.56	1077.00
333	BASIN BOTTOM	928321.16	590356.63	1077.00
334	BASIN BOTTOM	928321.16	590352.20	1077.00
335	BASIN TOP	928308.30	590639.84	1081.00
336	BASIN TOP	928308.30	590615.10	1081.00
337	BASIN TOP	928308.30	590590.37	1081.00
338	BASIN TOP	928308.30	590565.64	1081.00
339	BASIN TOP	928308.30	590540.91	1081.00
340	BASIN TOP	928308.30	590516.17	1081.00
341	BASIN TOP	928308.30	590491.44	1081.00
342	BASIN TOP	928308.30	590466.71	1081.00
343	BASIN TOP	928308.30	590441.97	1081.00
344	BASIN TOP	928308.30	590417.24	1081.00
345	BASIN TOP	928308.30	590392.51	1081.00
346	BASIN TOP	928308.30	590367.78	1081.00
347	BASIN TOP	928308.30	590343.04	1081.00
348	BASIN TOP	928308.30	590318.31	1081.00
349	BASIN TOP	928308.30	590293.58	1081.00
350	BASIN TOP	928308.30	590268.84	1081.00
351	BASIN TOP	928308.30	590244.11	1081.00
352	BASIN TOP	928308.30	590219.38	1081.00
353	BASIN TOP	928308.30	590194.65	1081.00
354	BASIN TOP	928308.30	590169.91	1081.00
355	BASIN TOP	928308.30	590145.18	1081.00
356	BASIN TOP	928318.30	590135.18	1081.00
357	BASIN TOP	928321.24	590135.18	1081.00
358	BASIN TOP	928331.21	590144.50	1080.98
359	BASIN TOP	928333.40	590176.75	1080.09
360	BASIN TOP	928333.69	590202.26	1080.00
361	BASIN TOP	928334.37	590227.76	1080.51
362	BASIN TOP	928334.85	590253.27	1080.70
363	BASIN TOP	928335.34	590278.77	1080.91
364	BASIN TOP	928335.82	590304.27	1081.14
365	BASIN TOP	928336.30	590329.78	1081.39
366	BASIN TOP	928336.79	590355.28	1081.67
367	BASIN TOP	928337.27	590380.78	1081.96
368	BASIN TOP	928337.76	590406.29	1082.29
369	BASIN TOP	928338.24	590431.79	1082.63
370	BASIN TOP	928338.29	590456.48	1082.97
371	BASIN TOP	928338.34	590481.17	1083.32
372	BASIN TOP	928338.39	590505.86	1083.64
373	BASIN TOP	928338.87	590531.02	1083.99
374	BASIN TOP	928339.35	590556.18	1084.33
375	BASIN TOP	928339.83	590581.34	1084.64
376	BASIN TOP	928340.30	590606.50	1084.88
377	BASIN TOP	928341.10	590639.21	1085.15
401	BASIN BOTTOM	928499.24	589144.25	1083.50
402	BASIN BOTTOM	928495.24	589144.24	1083.50
403	BASIN TOP	928477.51	589144.24	1086.92
404	BASIN BOTTOM	928494.67	589206.48	1082.88
405	BASIN BOTTOM	928490.67	589206.37	1082.88
406	BASIN TOP	928478.68	589206.05	1085.73

POINT TABLE				
POINT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
407	BASIN BOTTOM	928497.31	589382.45	1081.69
408	BASIN BOTTOM	928493.31	589382.35	1081.69
409	BASIN TOP	928481.42	589382.07	1083.70
410	BASIN BOTTOM	928492.64	589454.97	1081.20
411	BASIN BOTTOM	928488.64	589454.93	1081.20
412	BASIN TOP	928478.87	589454.86	1083.48
413	BASIN BOTTOM	928489.68	589659.56	1079.83
414	BASIN BOTTOM	928485.68	589659.70	1079.83
415	BASIN TOP	928473.46	589660.48	1082.78
416	BASIN BOTTOM	928498.40	589762.08	1079.14
417	BASIN BOTTOM	928494.42	589762.42	1079.14
418	BASIN TOP	928473.34	589764.13	1082.32
419	BASIN BOTTOM	928503.11	589782.09	1079.00
420	BASIN BOTTOM	928493.11	589782.29	1079.00
421	BASIN TOP	928473.61	589782.67	1082.23
501	BASIN BOTTOM	928503.77	589816.09	1078.50
502	BASIN BOTTOM	928505.72	589916.18	1078.00
503	BASIN BOTTOM	928506.30	589946.18	1076.50
504	BASIN BOTTOM	928506.48	589955.27	1076.50
505	BASIN BOTTOM	928511.65	590074.51	1076.50
506	BASIN BOTTOM	928533.12	590392.95	1076.50
507	BASIN BOTTOM	928518.15	590393.85	1076.50
508	BASIN BOTTOM	928499.46	590038.16	1076.50
509	BASIN BOTTOM	928496.48	589955.47	1076.50
510	BASIN BOTTOM	928496.30	589946.37	1076.50
511	BASIN BOTTOM	928495.72	589916.38	1078.00
512	BASIN BOTTOM	928493.77	589816.28	1078.50
513	BASIN TOP	928474.27	589816.66	1082.05



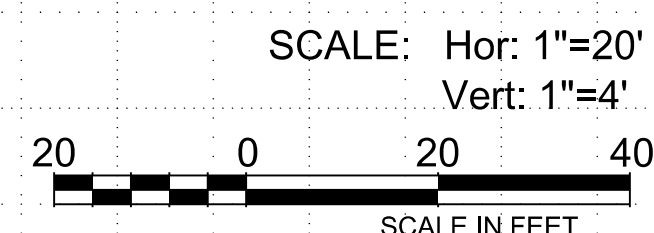


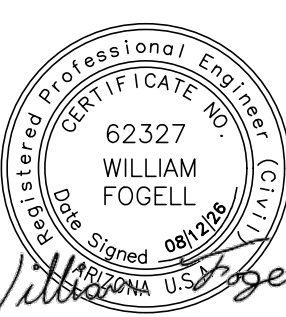


*Do Not Compact Basin Bottom
(See Landscape Plans
For Surface Treatment)*

SECTION A-A
(SEE SHEET DR06)

SECTION B-B
(SEE SHEET DR06)

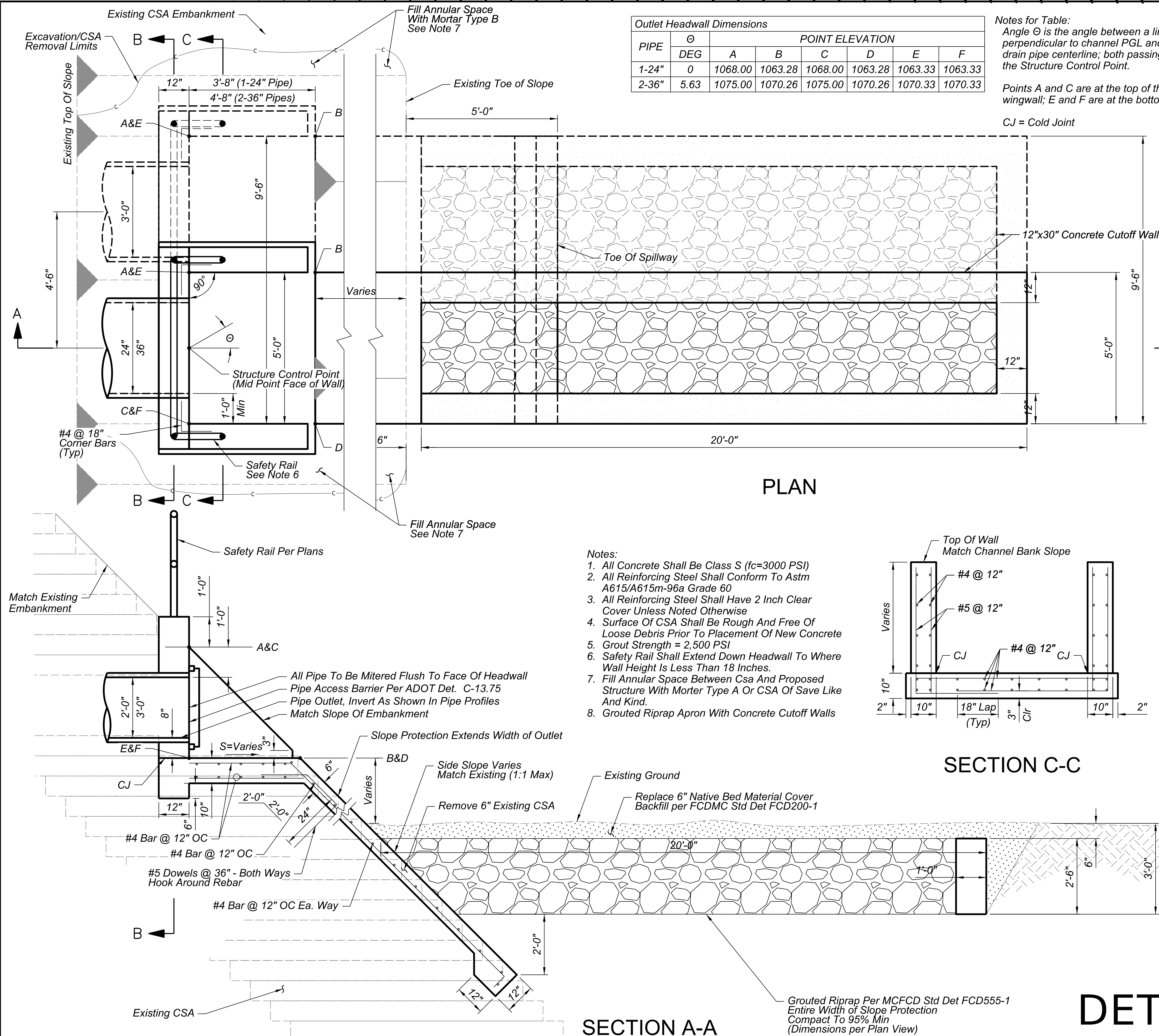


  					
ADDENDUM 2 REVISIONS		BF/JW		08/26	
NO.		REVISION		DATE	
					
MARICOPA COUNTY NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372					
		BY		DATE	
		DESIGNED		8/12/2026	
		DRAWN BF, JW, MM, AB, GT		8/12/2026	
		CHECKED JH		8/12/2026	
 J2 Design					
99th AVE STORM DRAIN PROFILES Sta. 20+20.71 to 16+31				SHEET DP05	

TRACES NO:

DETAIL D1

OUTLET HEADWALL



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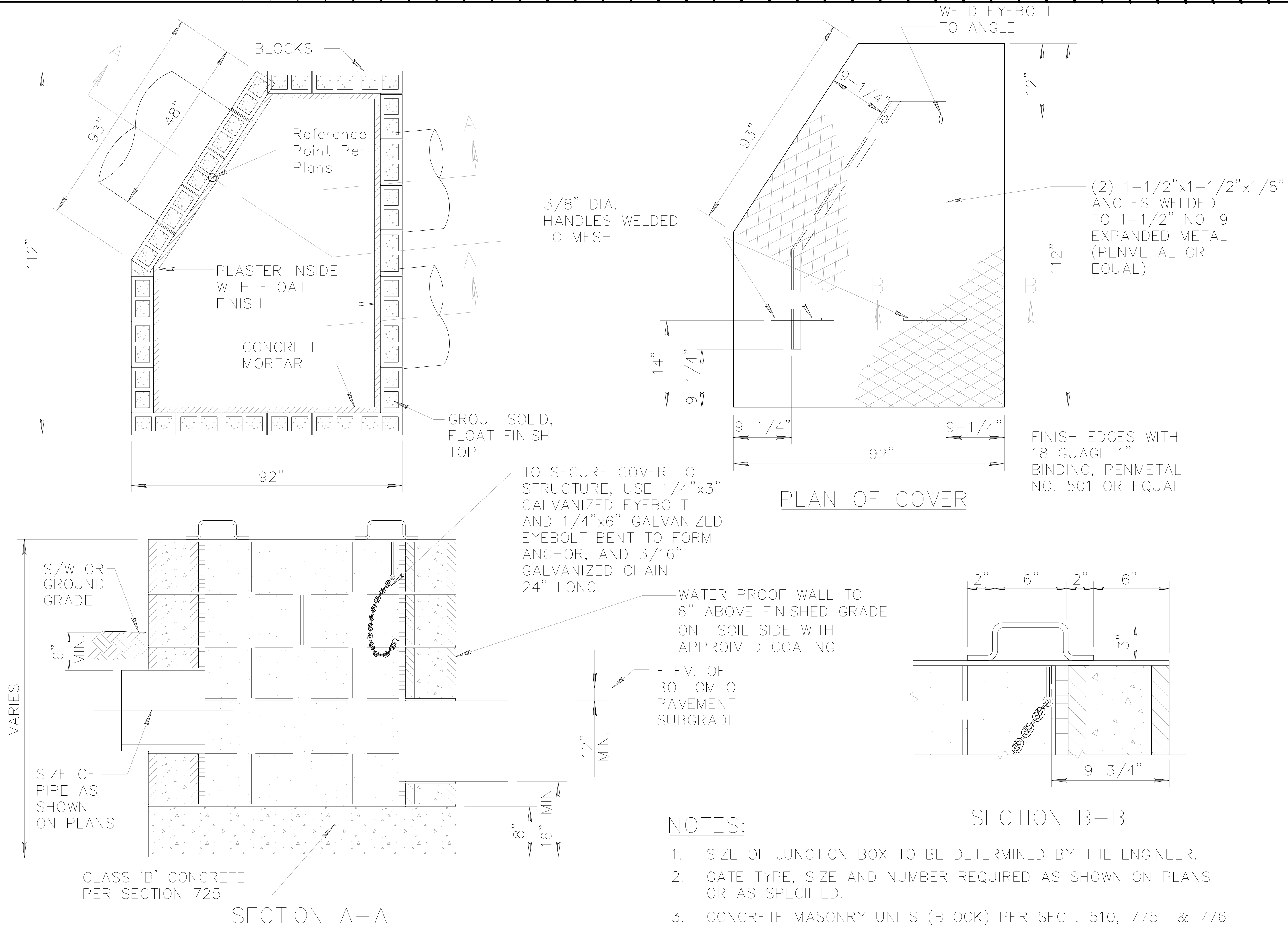
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OpenRoads Imperial

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	61	224	

1



DETAIL D2

JUNCTION STRUCTURE

Contact Arizona 811 Two Working Days Before You Dig

ARIZONA

Call 811 or Click Arizona811.com

ADDENDUM 2 REVISIONS	BF/JW	08/26
NO.	REVISION	BY DATE

MARICOPA COUNTY

NORTHERN PARKWAY

103RD AVENUE TO 91ST AVENUE - PHASE 1

PROJECT NO. TT0372

DESIGNED BY BF 8/12/2026

DRAWN BY BF, JW, MM, AB, GT 8/12/2026

CHECKED BY JH 8/12/2026

62327 WILLIAM FOGELL

Professional Engineer

Arizona

J2 Design

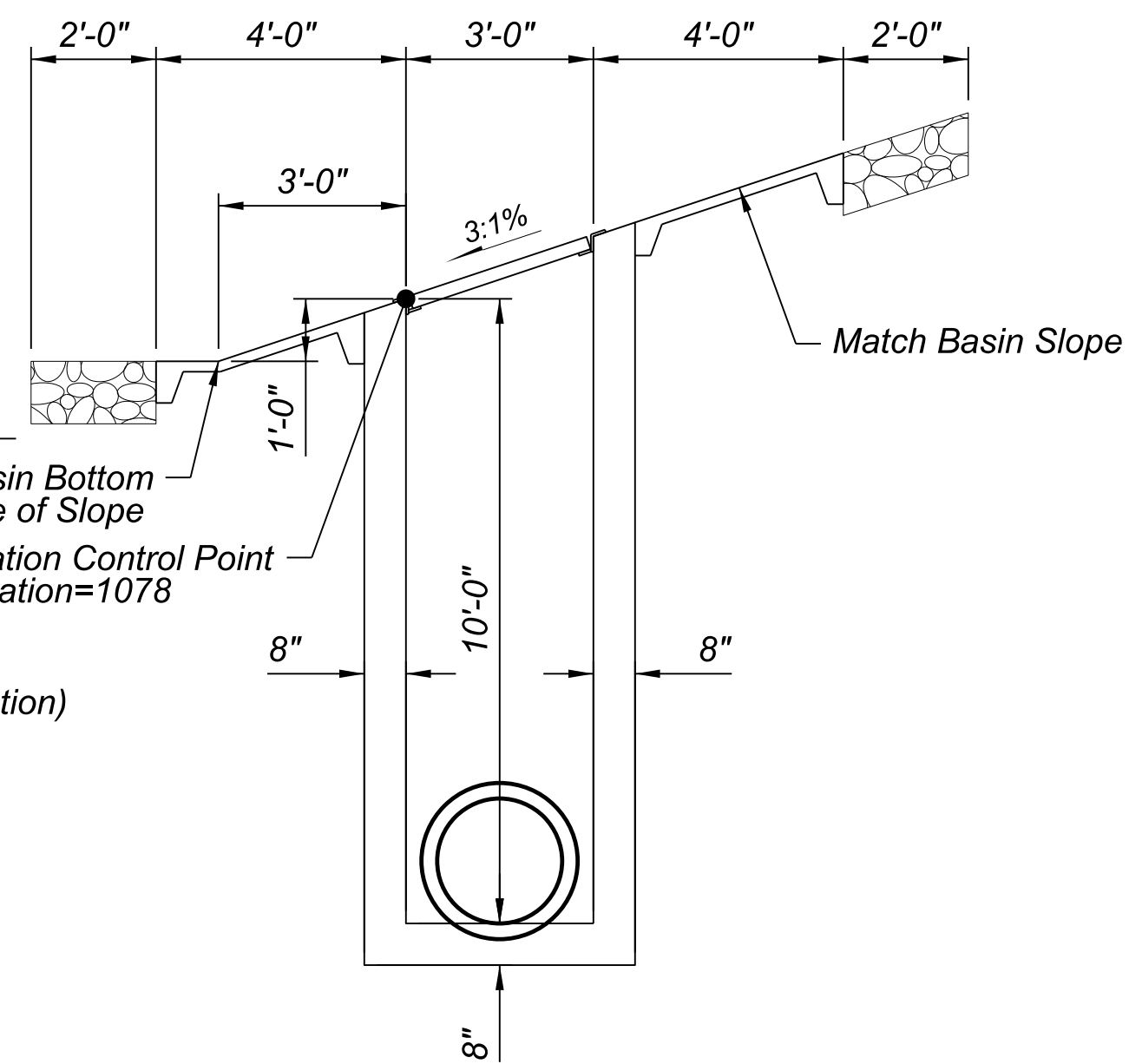
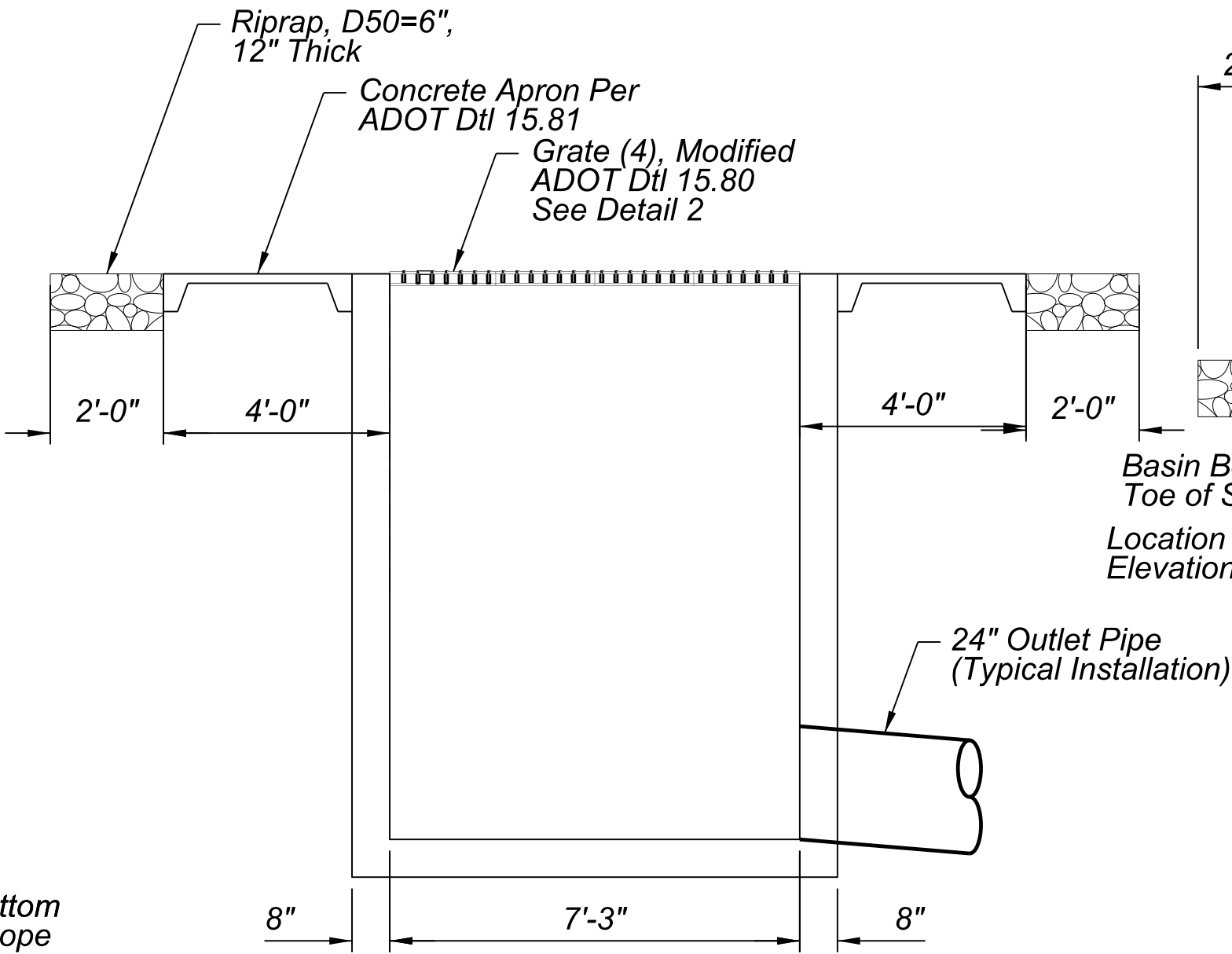
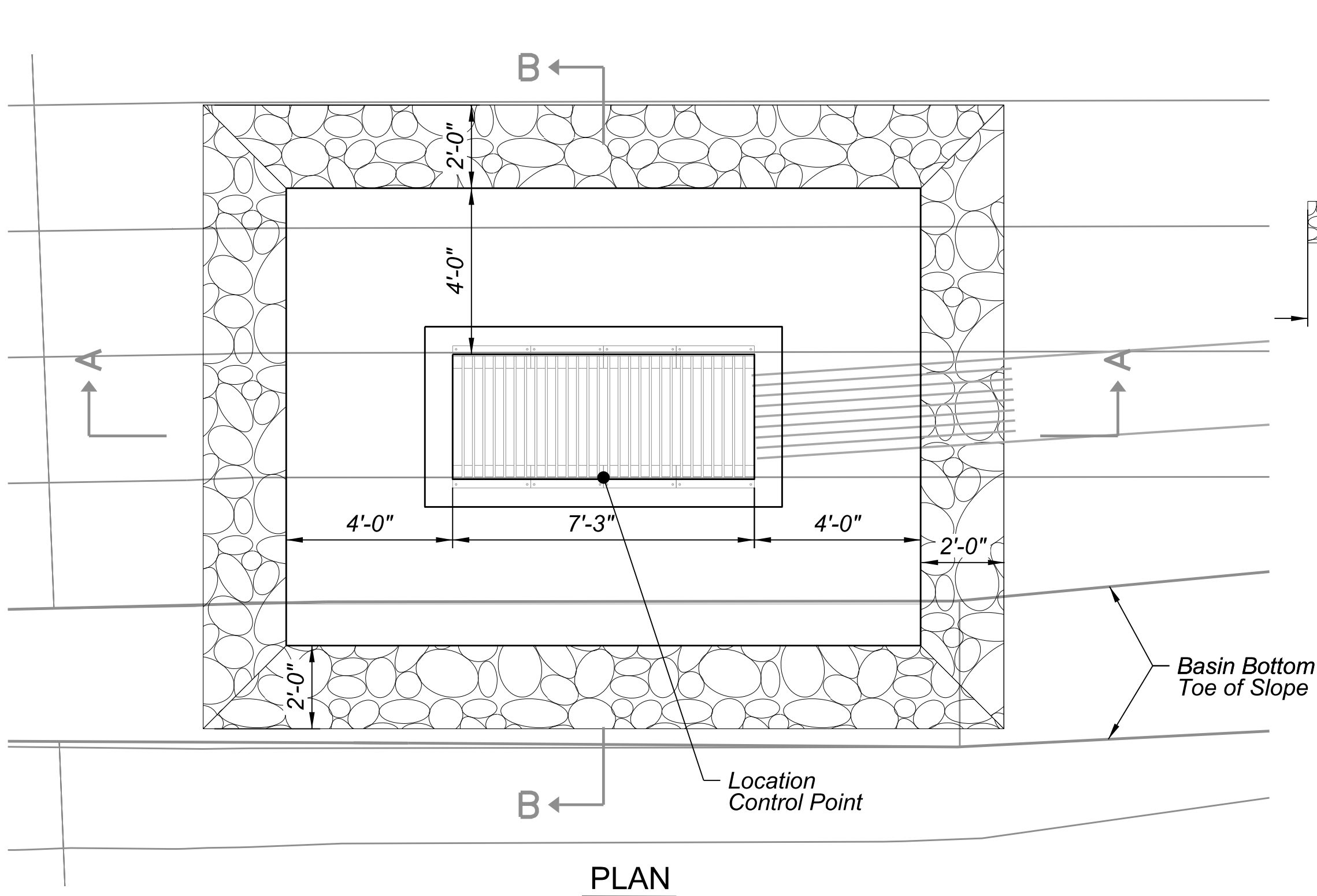
DRAINAGE DETAIL D2

JUNCTION STRUCTURE

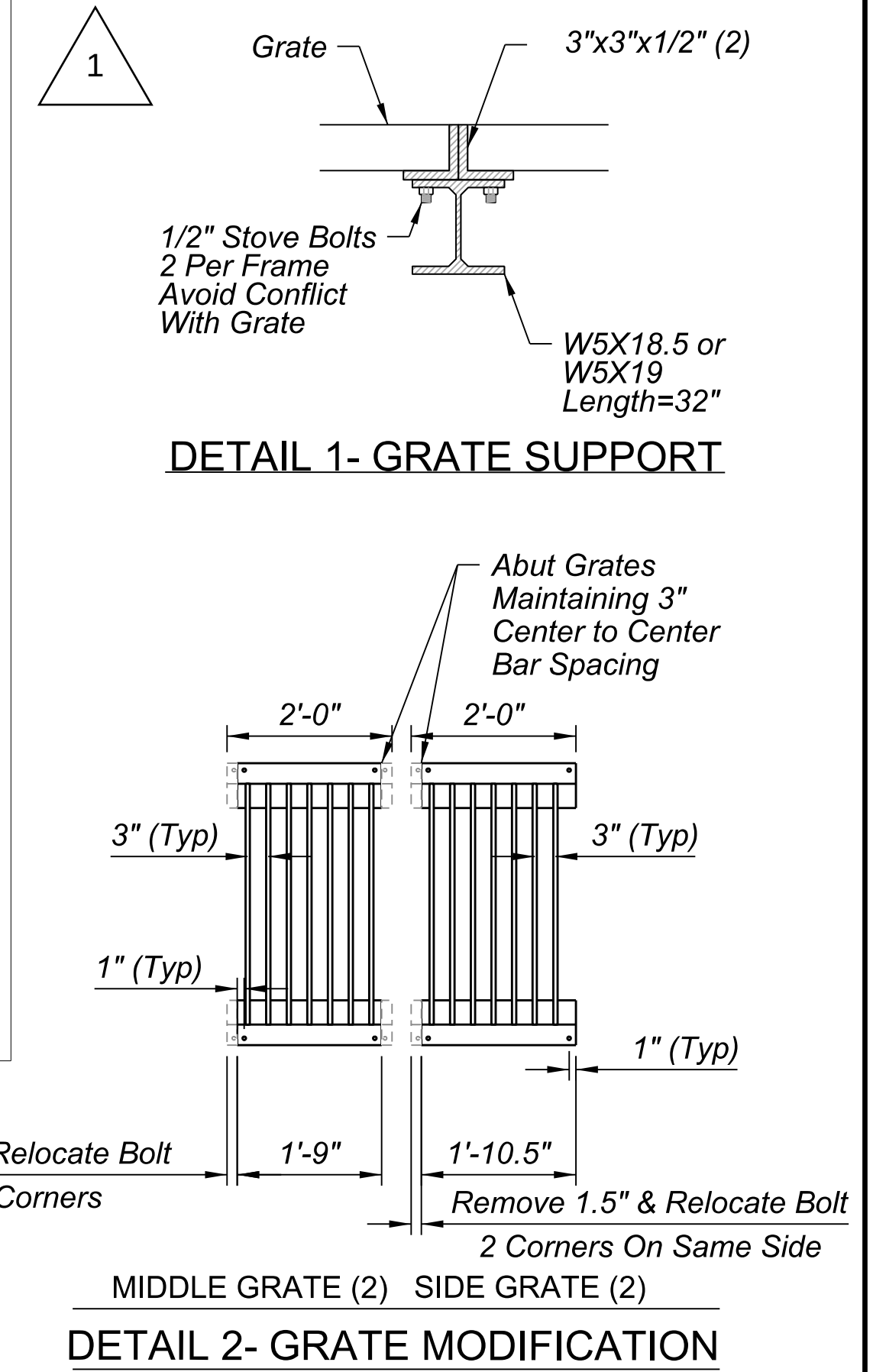
TRACS NO.

SHEET DT02

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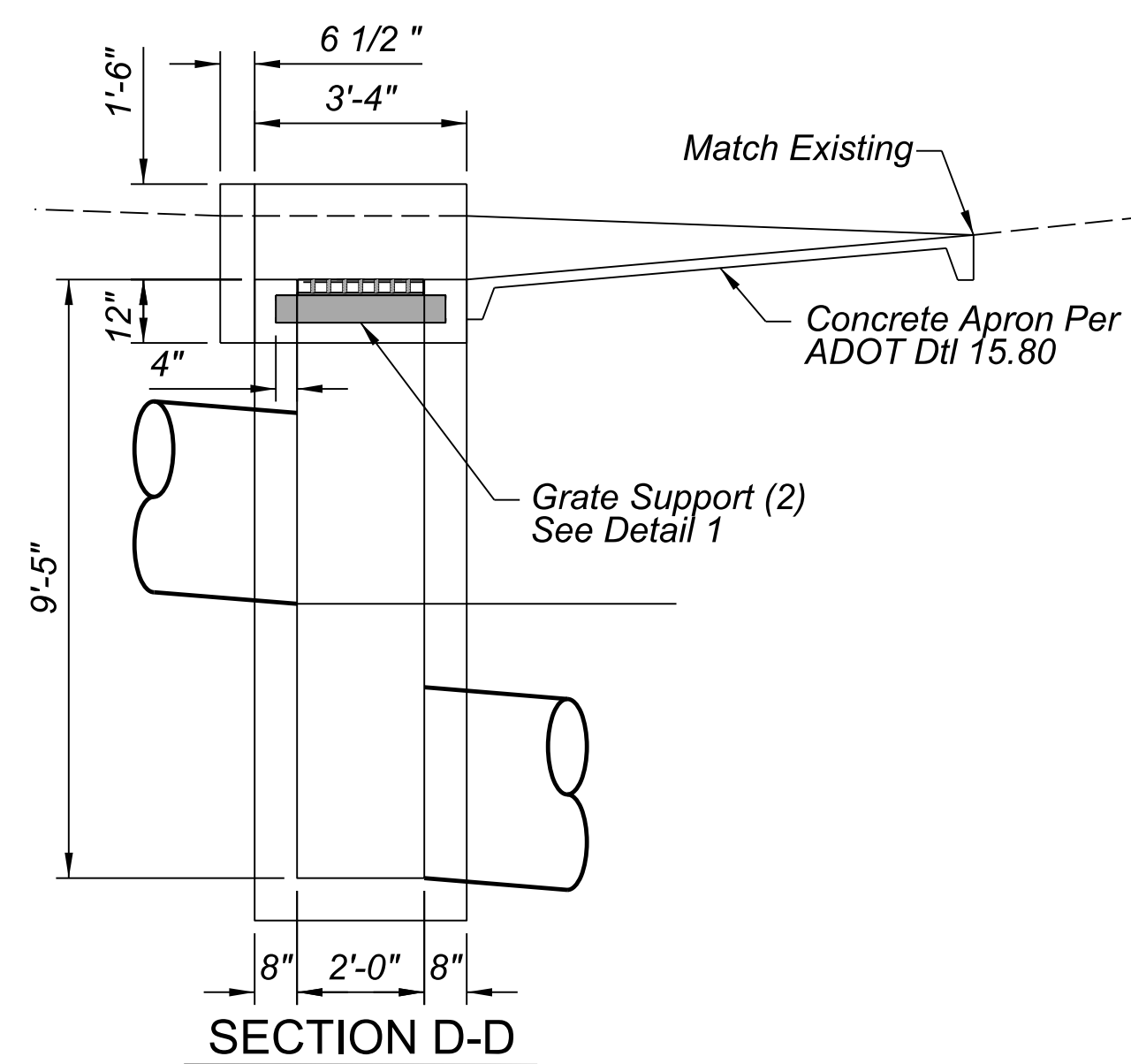
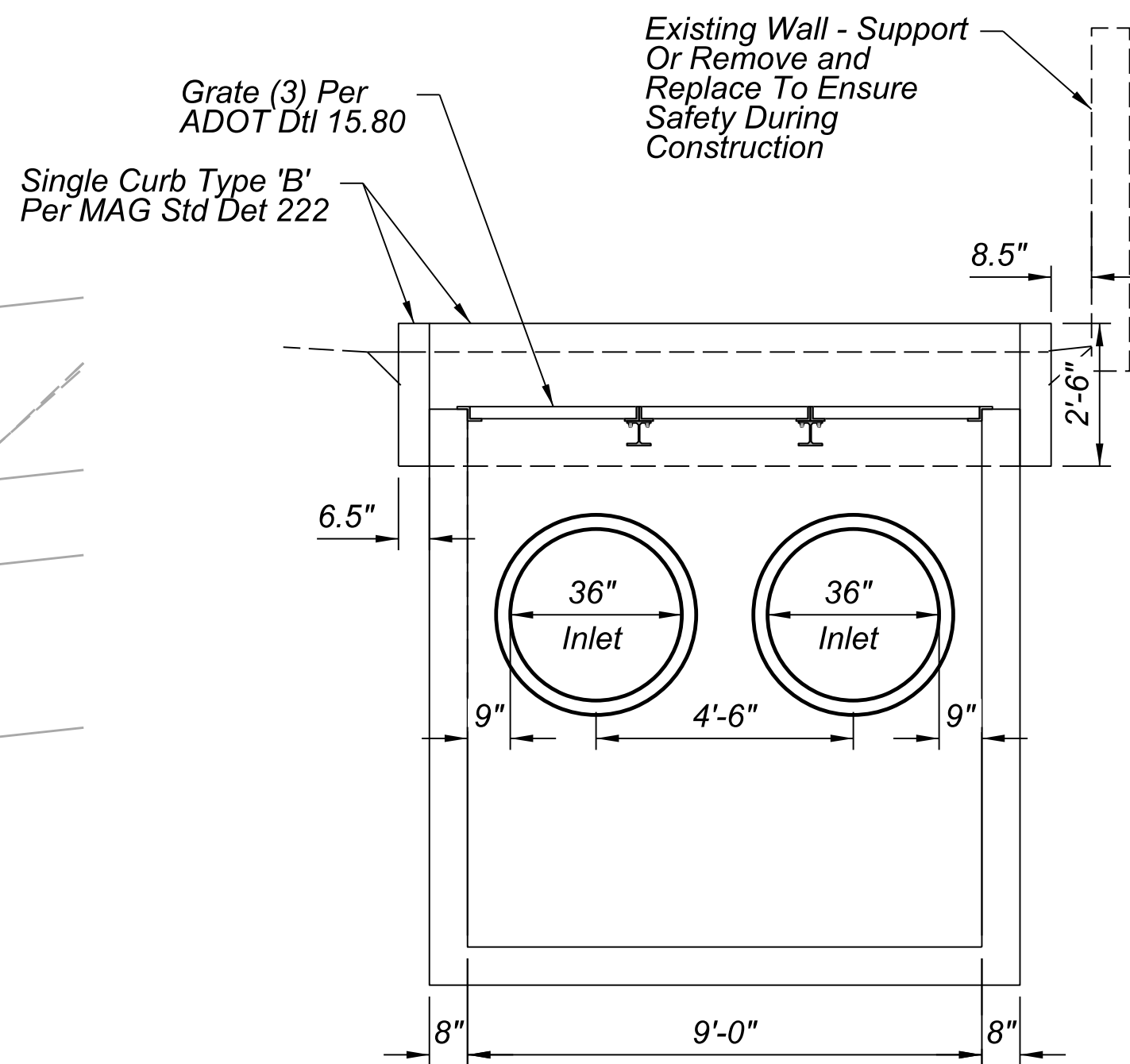
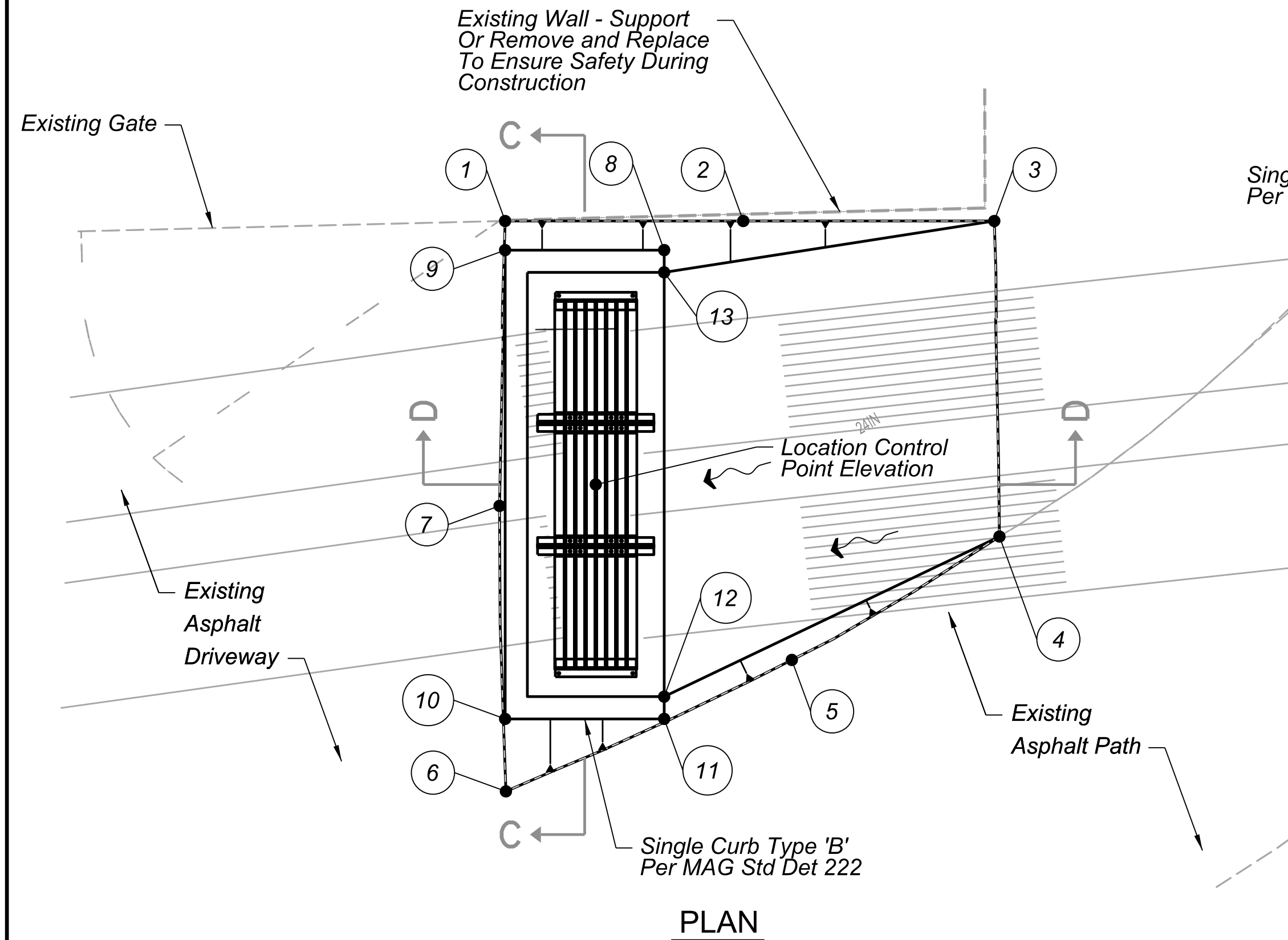


F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	62	224	



SIDE SLOPE CATCH BASIN MOD ADOT C-15.81

- Note:
- See ADOT Std Dwg C-15.80 & C-15.81 For All Dimensions, Details, And Notes Not Shown On This Detail
 - All Work Shown Here is Incidental To This Detail



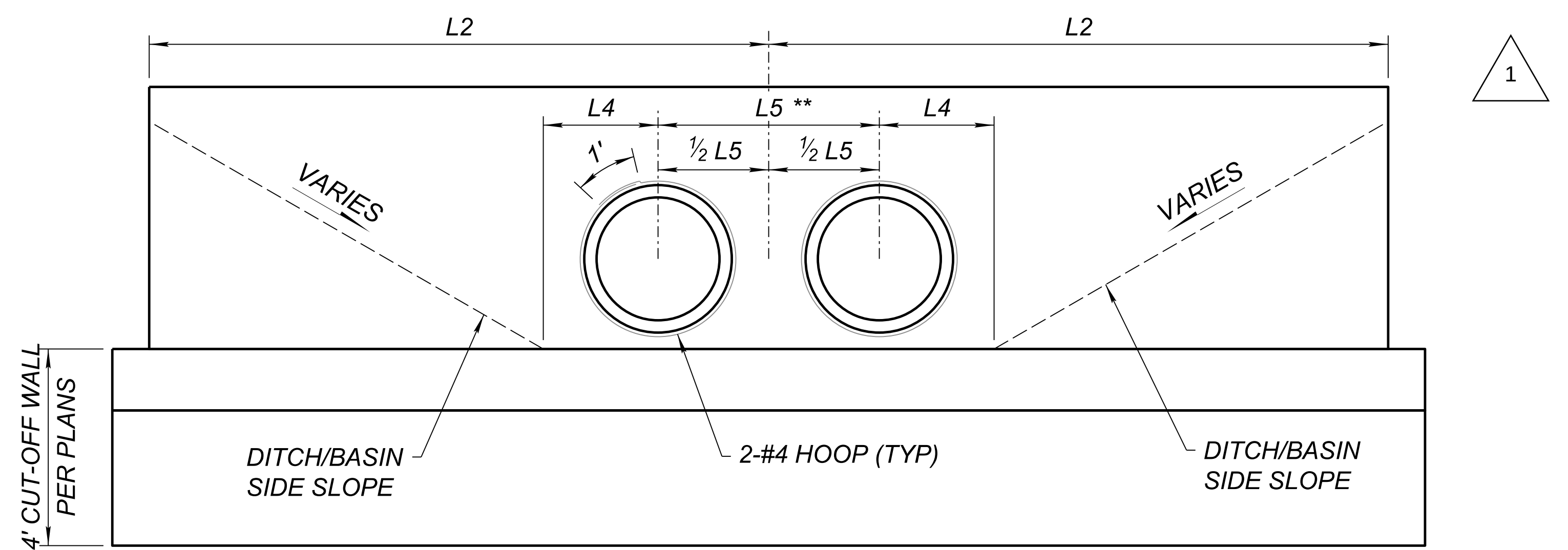
FLUSH INLET APRON POINTS				
PNT	NORTHING	EASTING	ELEV	DESCRIPTION
1	929044.01	589938.69	1082.81	Match Existing
2	929043.95	589944.49	1082.27	Match Existing
3	929043.89	589950.61	1081.69	Match Existing
4	929036.20	589950.66	1081.79	Match Existing
5	929032.75	589944.55	1082.05	Match Existing
6	929030.12	589938.57	1082.26	Match Existing
7	929037.07	589938.48	1082.47	Match Existing
8	929043.22	589942.51	1083.00	Top Of Curb
9	929043.26	589938.68	1083.00	Top Of Curb
10	929031.92	589938.57	1083.00	Top Of Curb
11	929031.89	589942.40	1083.00	Top Of Curb
12	929032.39	589942.41	1081.50	Top Of Catch Basin
13	929042.72	589942.51	1081.50	Top Of Catch Basin



ADDENDUM 2 REVISIONS		BY	DATE
NO.	REVISION	BY	DATE
		BF/JW	08/26
MARICOPA COUNTY			
NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372			
DESIGNED		BF	8/12/2026
DRAWN		BF, JW, MM, AB, GT	8/12/2026
CHECKED		JH	8/12/2026
Design			
DRAINAGE DETAIL D3 JUNCTION STRUCTURE			SHEET DT03

FLUSH CATCH BASIN MOD ADOT C-15.80

DETAIL D3 MULTIPLE GRATE AREA INLET

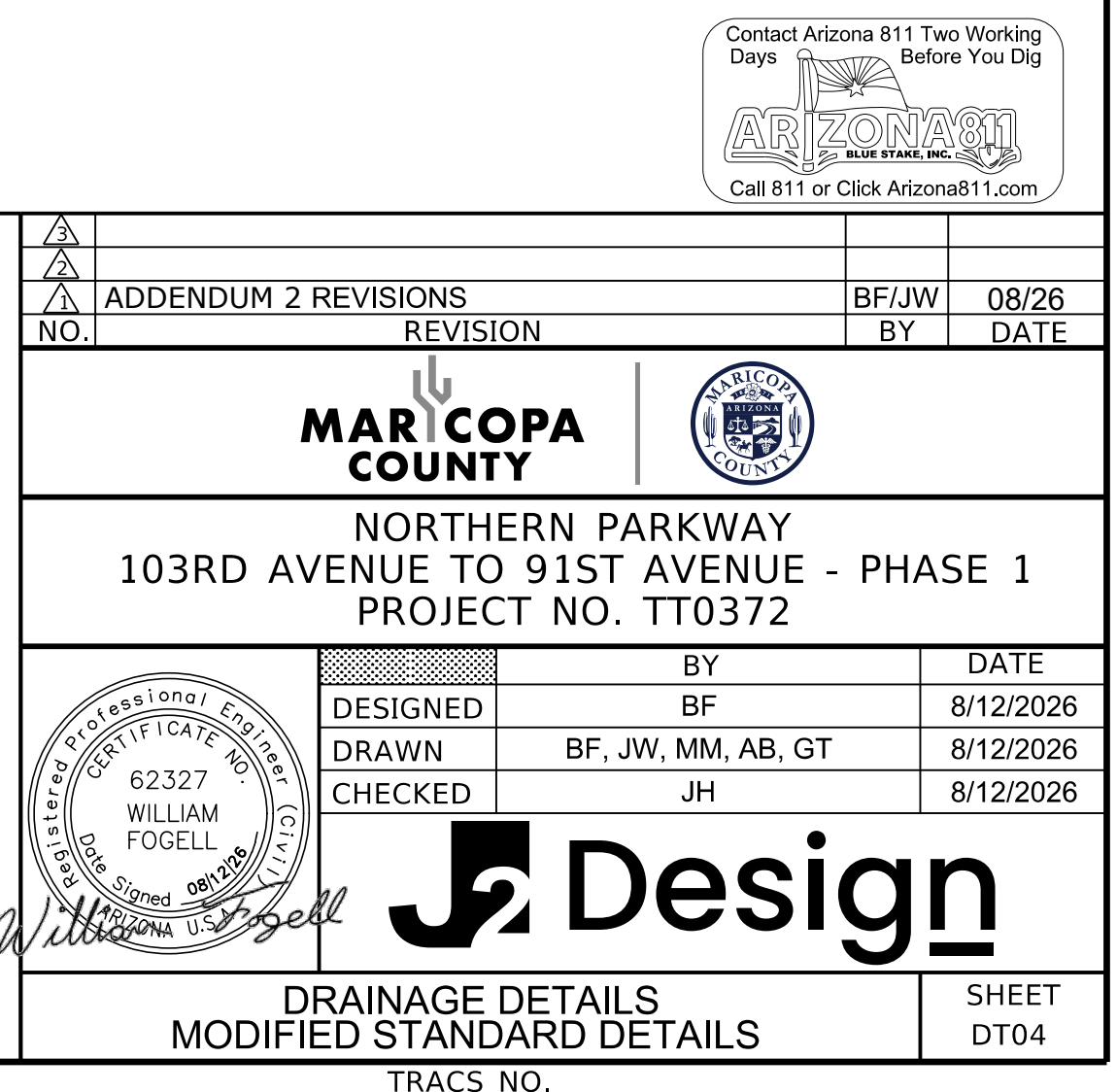


'U' TYPE - PLAN



MODIFIED DIMENSIONS FOR MAG STD DTL 501-5

(Refer To MAG Std Det 501-5 For Reference To Typical Dimensions And Construction Notes Not Shown Here) There May Be Some Slight Variation To The Standard Dimension And The Nearest Values Are To Be Used As Reference For Each Pipe Size Listed.



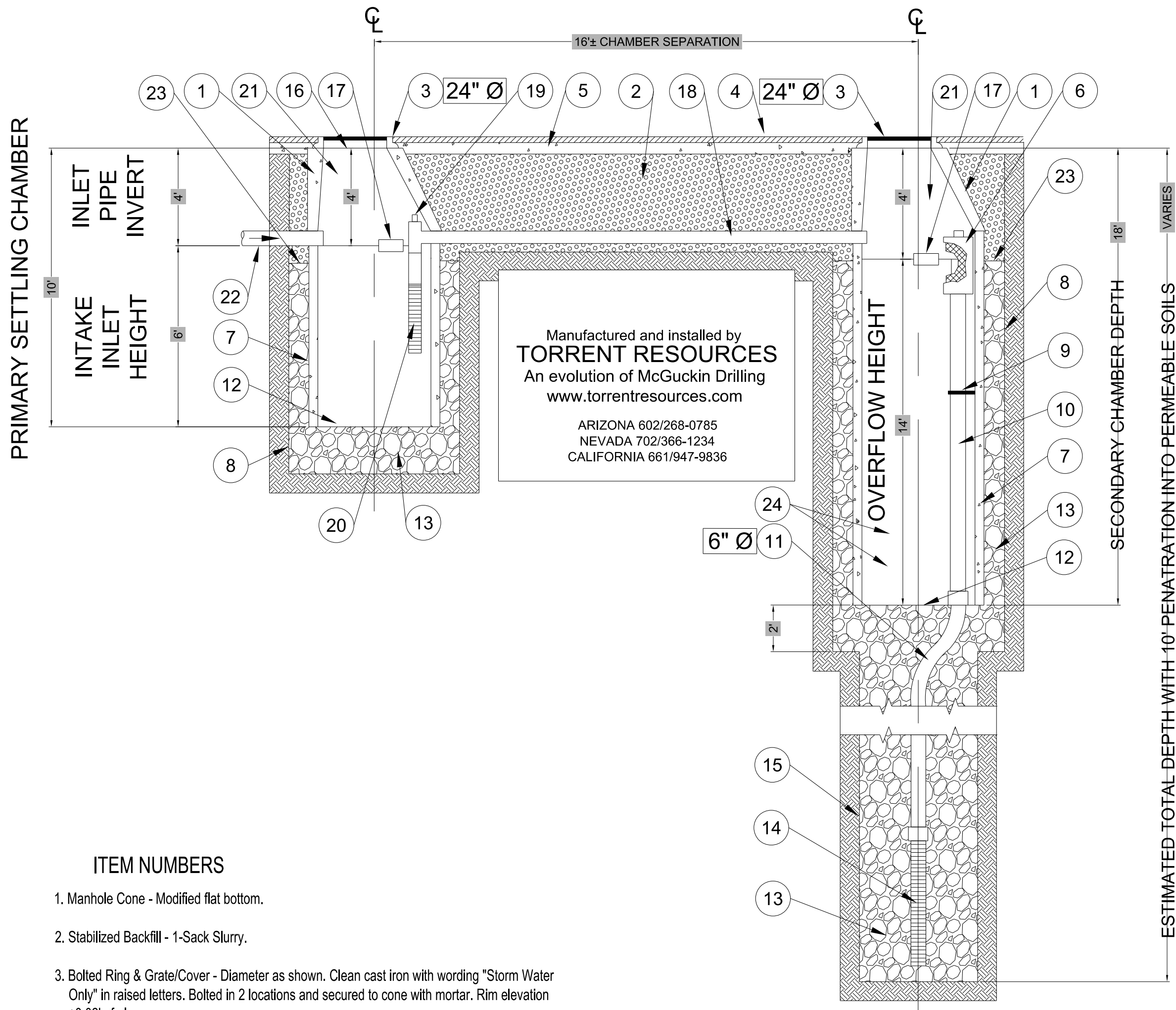
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CALIFORNIA 661/947-9836

AZ Lic. ROC070465 A, ROC047067 B-4, ADWR 363
CA Lic. 528080, C-42, HAZ,
NV Lic. 0035350 A - NM Lic. 90504 GF01

ITEM NUMBERS

- Manhole Cone - Modified flat bottom.
- Stabilized Backfill - 1-Sack Slurry.
- Bolted Ring & Grate/Cover - Diameter as shown. Clean cast iron with wording "Storm Water Only" in raised letters. Bolted in 2 locations and secured to cone with mortar. Rim elevation $\pm 0.02'$ of plans.
- Graded Basin or Paving (by Others).
- Compacted Base Material (by Others).
- PureFlo® Debris Shield - Rolled 16 Ga. steel X 24" length with vented anti-siphon and internal .263" Mas. SW0 flattened expanded steel screen X 12" length. Fusion bonded epoxy coated.
- Pre-cast Liner - 4000 PSI concrete 48" ID, X 54" OD. Center in hole and align sections to maximize bearing surface.
- Min. 6" $\varnothing$ Drilled Shaft.
- Support Bracket - Formed 12 Ga. steel . Fusion bonded epoxy coated.
- Overflow Pipe - Sch. 40 PVC mated to drainage pipe at base seal.
- Drainage Pipe-ADS highway grade with TRI-A coupler. Suspend pipe during backfill operations to prevent buckling or breakage. Diameter as noted.
- Base Seal - Geotextile or concrete slurry.
- Rock-Washed, sized between 3.8" and 1-1/2" to best complement soil conditions.
- FloFast® Drainage screen - Sch. 40 PVC 0.120" slotted well screen with 32 slots per row/ft. Diameter varies 120" overall length with TRI-B coupler.
- Min. 4' $\varnothing$ Shaft - Drilled to maintain permeability of drainage soils.
- Fabric Seal - U.V. Resistant Geotextile - To be removed by customer at project completion
- Absorbent - Hydrophobic Petrochemical Sponge, Min 128 oz. capacity.
- Connector Pipe - 4" $\varnothing$ Sch. 40 PVC.
- Anti-Siphon Vent with flow regulator.
- Intake Screen - Sch. 40 PVC 0.120" modified slotted well screen with 32 slots per row/ft. 48" overall length with TRI-C end cap.
- Freeboard Depth Varies with inlet pipe elevation. Increase primary/secondary settling chamber depths as needed to maintain all inlet pipe elevations above connector pipe overflow.
- Optional Inlet Pipe (by Others).
- Moisture Membrane - 6 mil. Plastic. Place securely against eccentric cone and hole sidewall. Used in lieu of slurry in landscaped areas.
- Eight - (8) perforations per foot, 2 row minimum.

NOTES:
DURING CONSTRUCTION, ONCE THE BASINS HAVE BEEN GRADED AND A DRYWELL INSTALLED, THE CONTRACTOR WILL PERFORM A PERCOLATION TEST AND PROVIDE A CERTIFIED SOILS REPORT WITH ACTUAL DRYWELL DISPOSAL RATES AND SURFACE PERMEABILITY RATES. THE CERTIFIED SOILS REPORT AND REVISED DRY-UP CALCULATIONS SHALL BE SUBMITTED DIRECTLY TO THE ASSIGNED FIELD INSPECTOR FOR REVIEW AND APPROVAL.

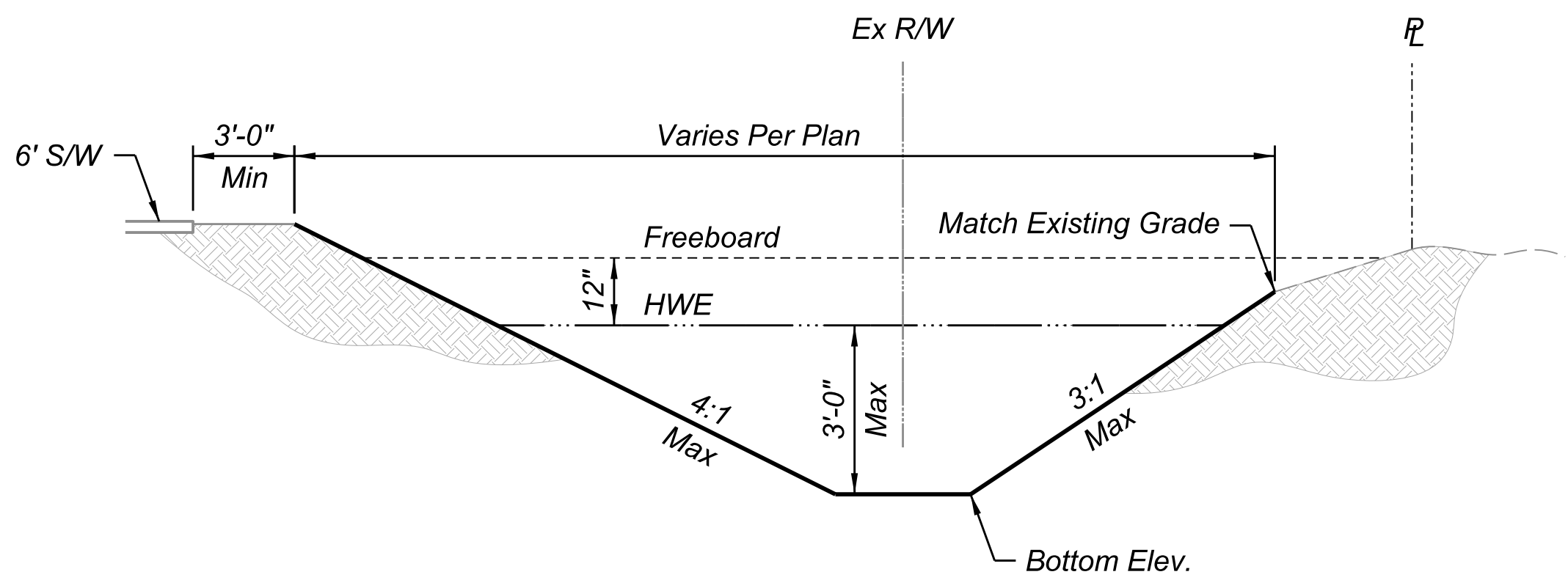
THE CONTRACTOR/DEVELOPER SHALL BE RESPONSIBLE FOR REGISTERING THE DRY WELLS SHOWN ON THE GRADING AND DRAINAGE PLAN.

DRY WELLS MUST BE DRILLED A MINIMUM OF 10 FEET INTO PERMEABLE POROUS STRATA OR PERCOLATION TESTS WILL BE REQUIRED. THE GRADING AND DRAINAGE INSPECTOR MUST BE PRESENT BEFORE BACKFILL OR WELL PIPES ARE PLACED WITHIN ANY DRY WELLS.

THE CONTRACTOR/DEVELOPER IS RESPONSIBLE FOR INSTALLING ADDITIONAL DRY WELLS SHOULD THE LOCALIZED RETENTION BASINS FAIL TO DRAIN WITHIN 36 HOURS.

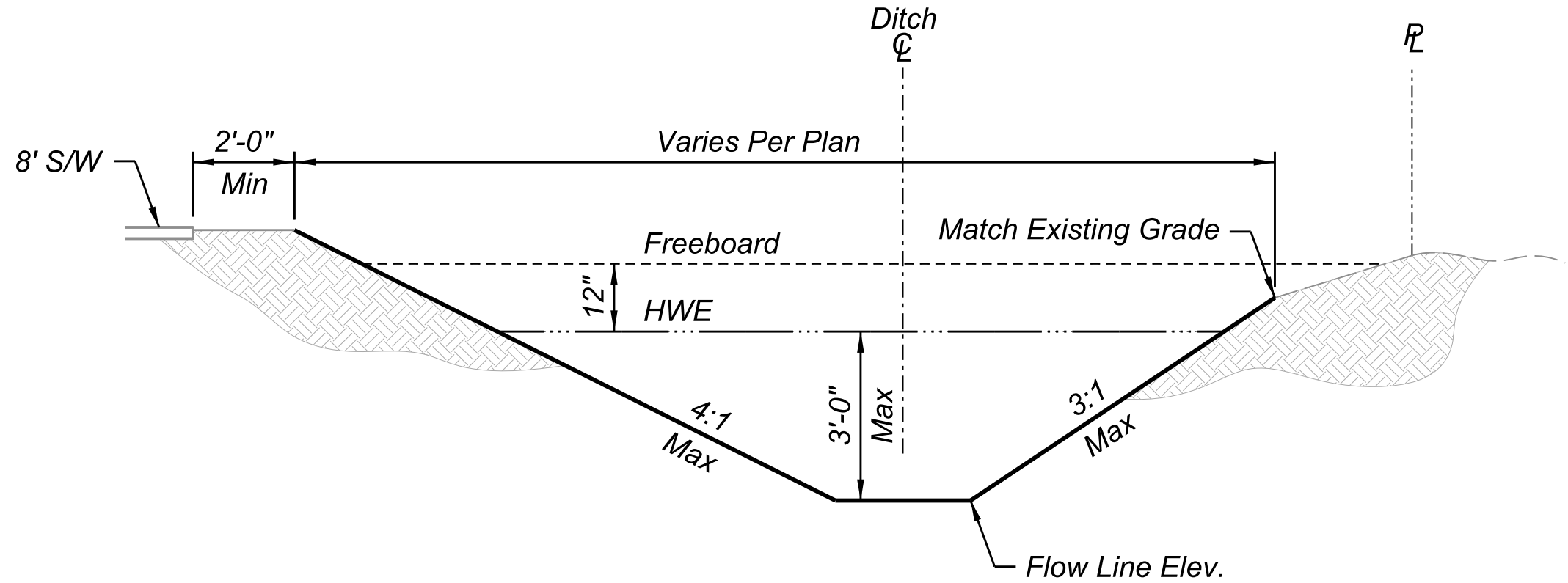
DEPTH VARIES PER SOIL TYPE CONDITIONS.

DETAIL D5



TYPICAL SECTION - BASIN 2

1 NTS



TYPICAL SECTION - NORTH CHANNEL

2 NTS



A					
A		ADDENDUM 2 REVISIONS		BF/JW	
NO.		REVISION		BY	
				DATE	

DETAIL D6

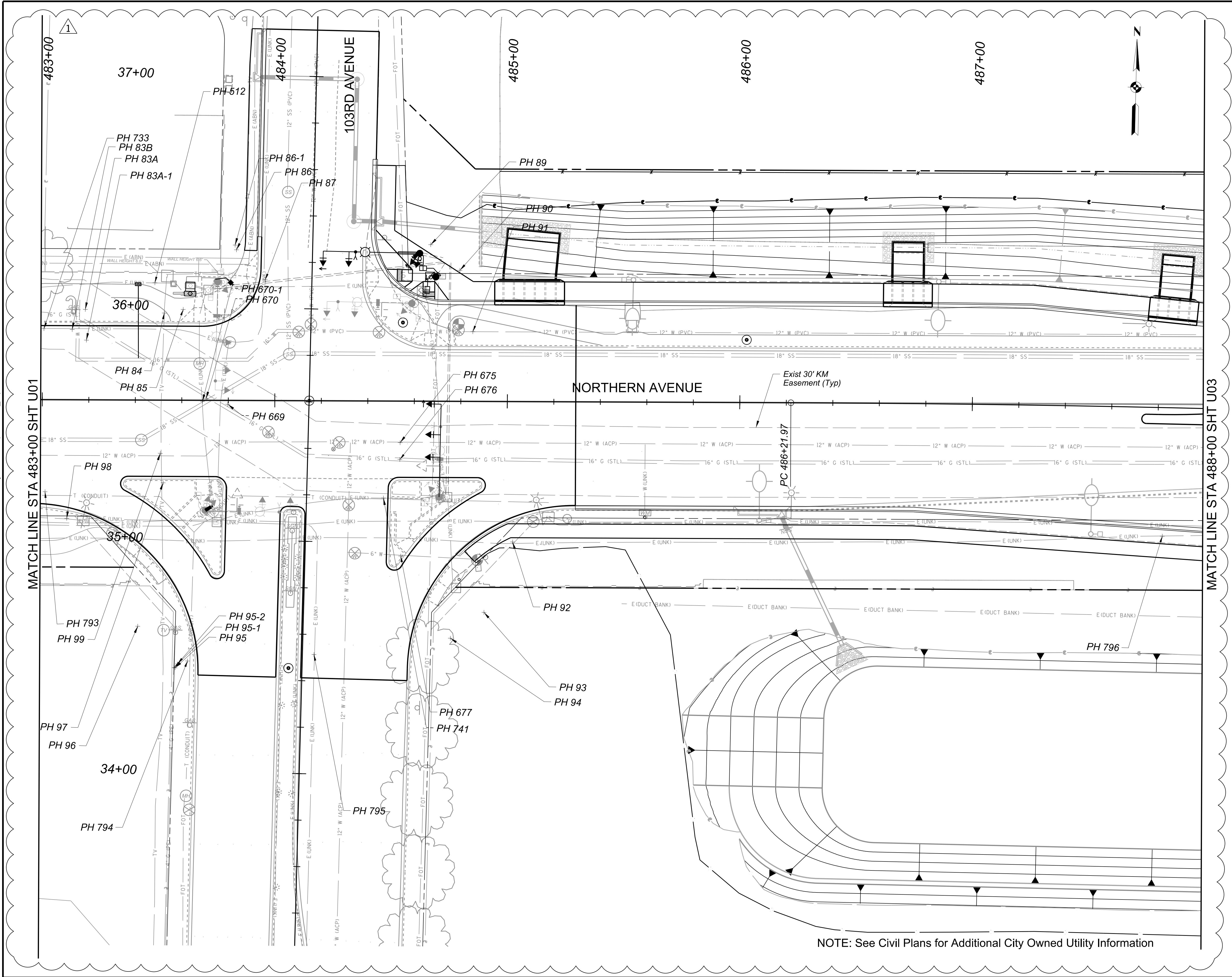
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Courtesy Burdett OpenRoads Imperial

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	68	224	

☐ REMOVAL / RELOCATE (BY OTHERS) ☐

☐ CONSTRUCTION ☐

SCALE: Hor: 1"=20'
Vert: NA

20 0 20 40
SCALE IN FEET

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NO.	ADDENDUM 2 REVISION	BP BY	DATE

MARICOPA COUNTY

NORTHERN PARKWAY
103RD AVENUE TO 91ST AVENUE - PHASE 1
PROJECT NO. TT0372

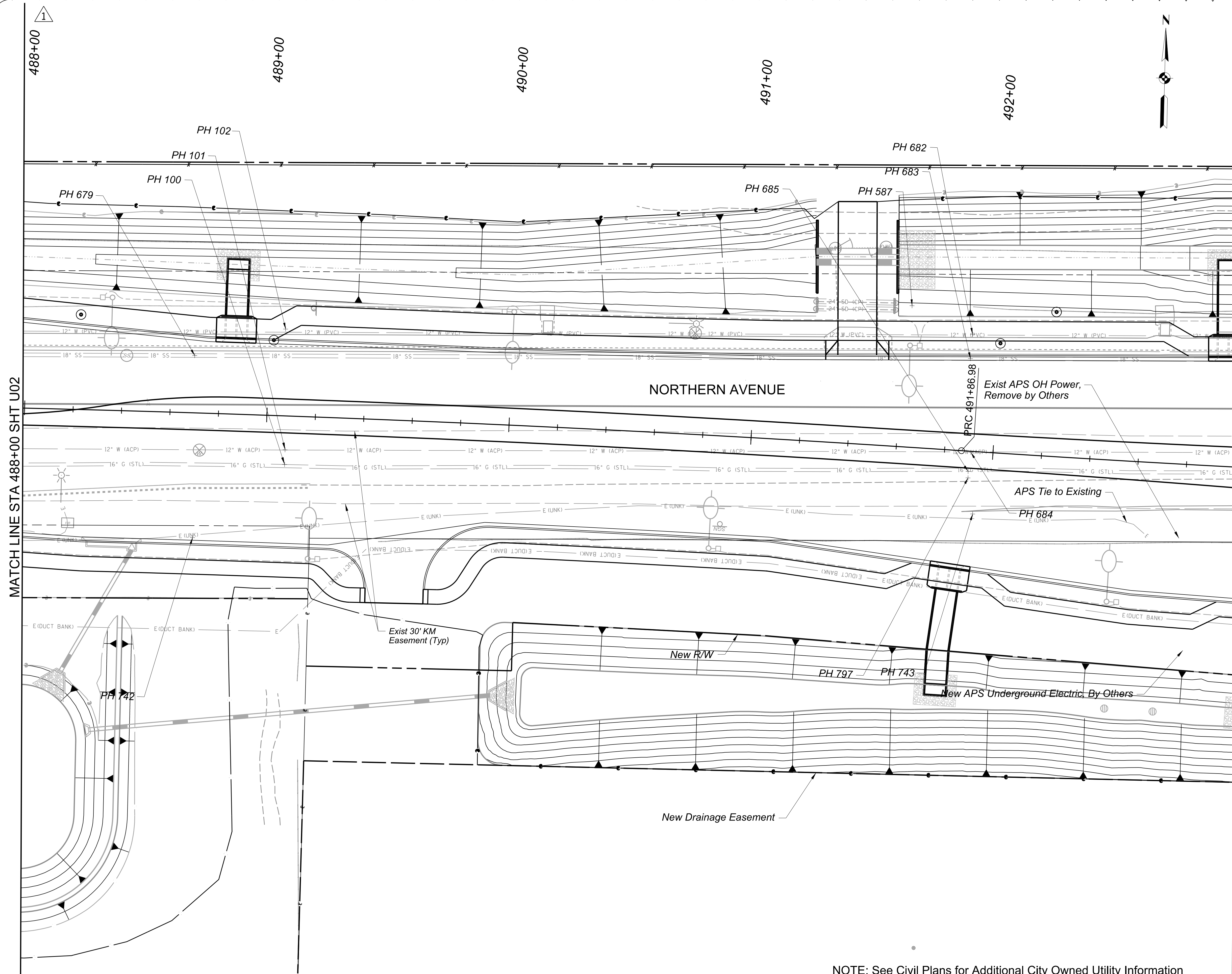
	BY	DATE
DESIGNED	B. POE	07/2026
DRAWN	C. BURDETT	07/2026
CHECKED	J. BARR	07/2026

TYLin

NORTHERN AVENUE - UTILITY PLAN
STA 483+00 TO STA 488+00

U02

TRACS NO.



NOTE: See Civil Plans for Additional City Owned Utility Information

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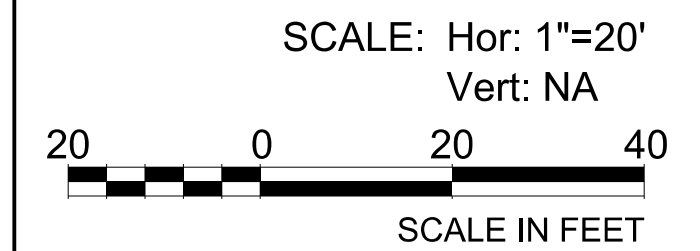
MATCH LINE STA 493+00 SHT U03

MATCH LINE STA 498+00 SHT U05

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	70	224	
☐ REMOVAL / RELOCATE (BY OTHERS) ☐					

☐ *REMOVAL / RELOCATE (BY OTHERS)* ☐

○ CONSTRUCTION



3			
2			
1	ADDENDUM 2	BP	7-15-26
NO.	REVISION	BY	DATE



**MARICOPA
COUNTY**



NORTHERN PARKWAY
103RD AVENUE TO 91ST AVENUE - PHASE 1
PROJECT NO. TT0372

 COMMONWEALTH OF MASSACHUSETTS DEPARTMENT OF REVENUE 11-1		BY	DATE
	DESIGNED	B. POE	07/2026
	DRAWN	C. BURDETT	07/2026
	CHECKED	J. BARR	07/2026

TYLin

NORTHERN AVENUE - UTILITY PLAN
STA 493+00 TO STA 498+00

HEET
U04

TRACS NO.

NOTE: See Civil Plans for Additional City Owned Utility Information

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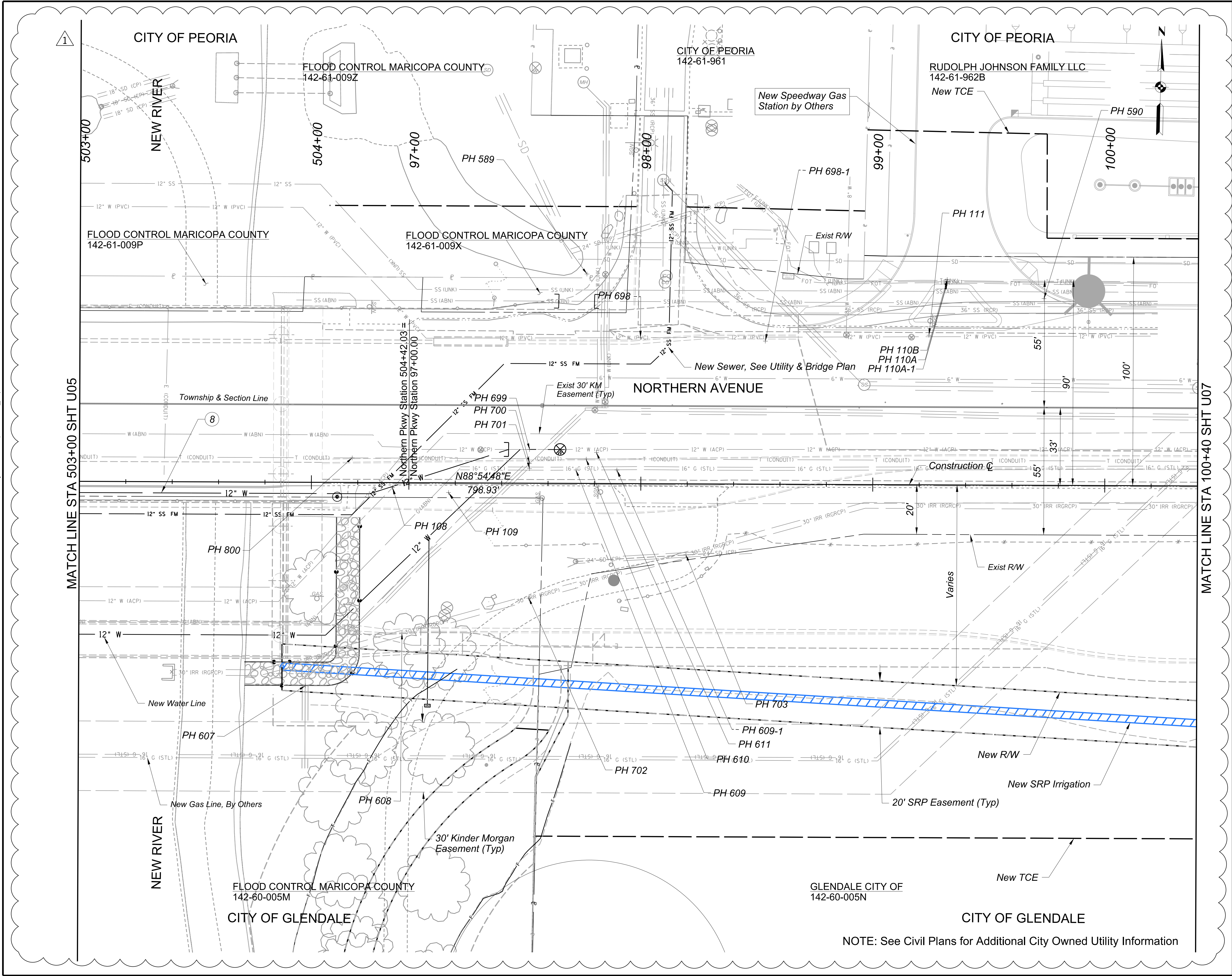
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Courtesy Burdett OpenRoads Imperial

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F.H.W.A. REGION 9	STATE AZ	PROJECT NO. TT0372	SHEET NO. 72	TOTAL SHEETS 224	RECORD DRAWING
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☐ REMOVAL / RELOCATE (BY OTHERS) ☐

CONSTRUCTION

⑧ Install Temporary Shoo-Fly 12" HDPE WL 188 LF

SCALE: Hor: 1"=20'
Vert: NA

SCALE IN FEET

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NO.	ADDENDUM 2 REVISION	BP BY	7-15-26 DATE
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MARICOPA COUNTY

NORTHERN PARKWAY
103RD AVENUE TO 91ST AVENUE - PHASE 1
PROJECT NO. TT0372

 BRENNAN POE P.E. ARIZONA, U.S.A.	DESIGNED	B. POE	07/2026
	DRAWN	C. BURDETT	07/2026
	CHECKED	J. BARR	07/2026

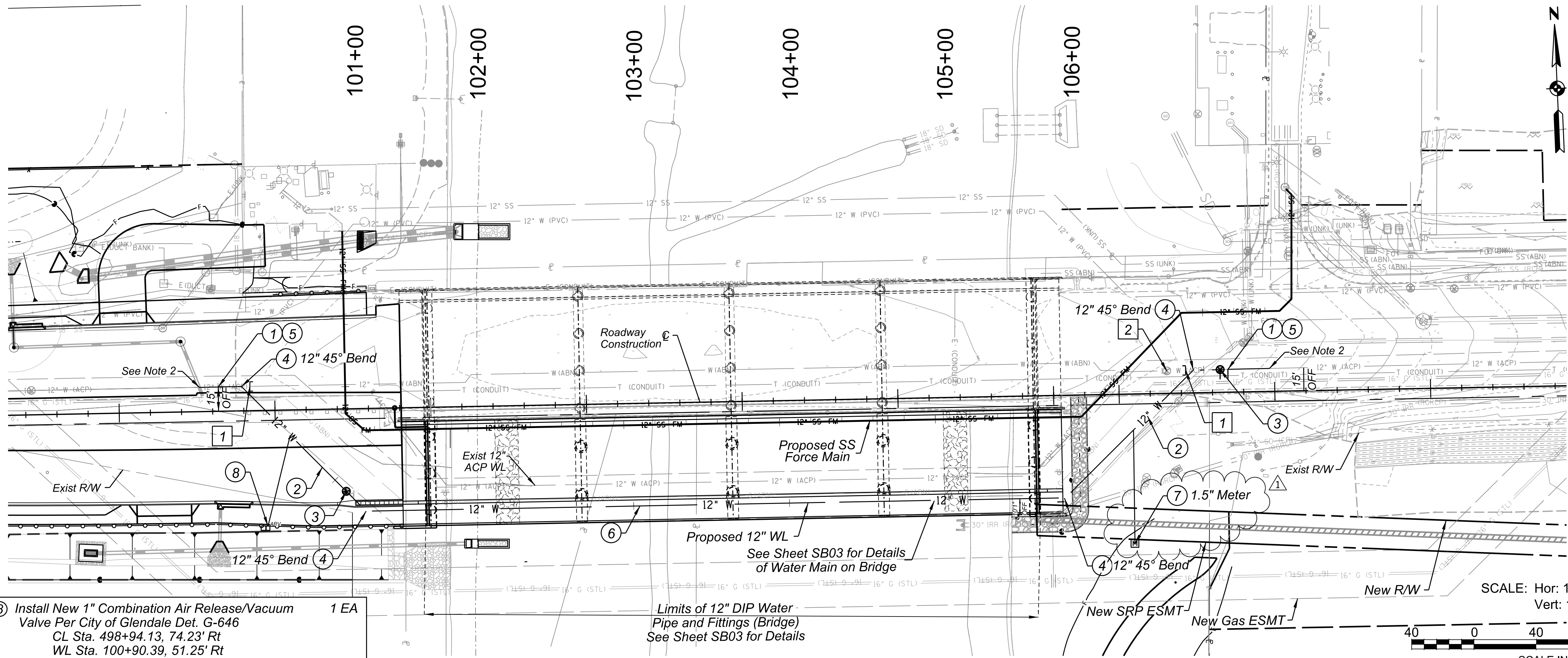
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NORTHERN AVENUE - UTILITY PLAN STA 503+00 TO 100+40 TRACS NO.	SHEET U06
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NOTE: See Civil Plans for Additional City Owned Utility Information

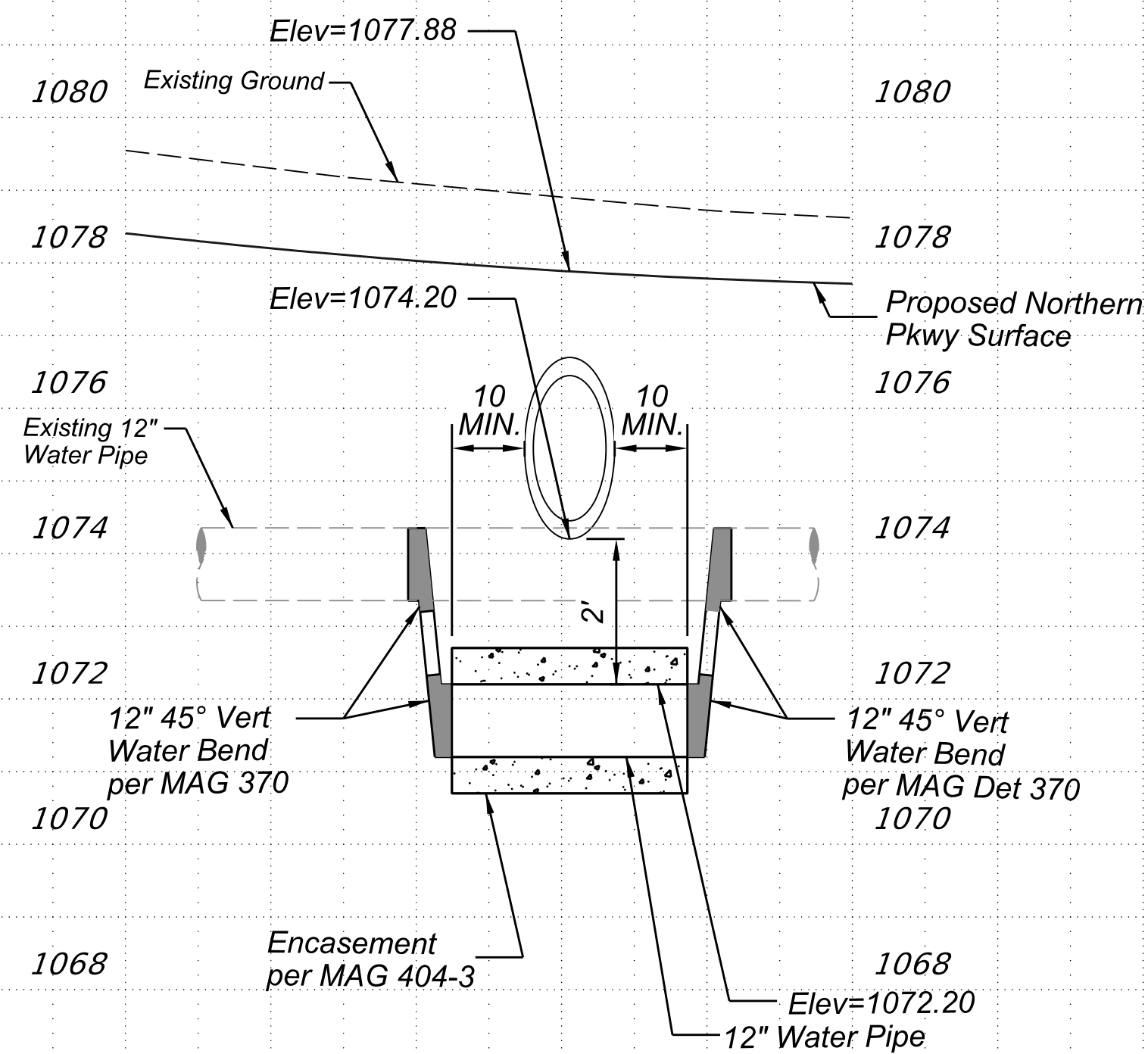
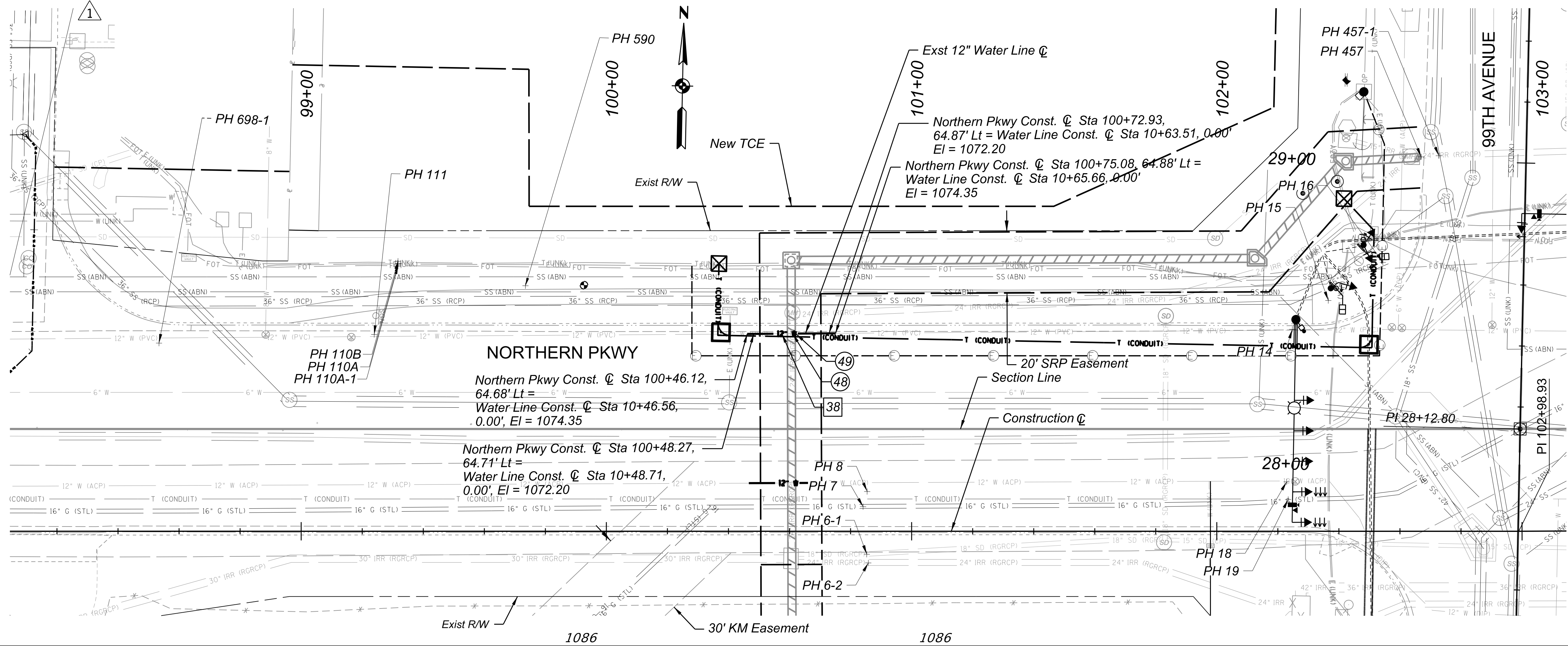
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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	73	224	
☐ REMOVAL / RELOCATE ☐					
1 Cut and Remove Exist ACP WL as Needed. Install Cap on Exist WL per MAG Section 350.2.1 CL Sta. 498+84.18, 15.62' Lt WL Sta. 100+18.76 CL Sta. 97+42.92, 14.53' Lt WL Sta. 106+91.00, 3.92' Lt 2 EA 2 Abandon Exist 12" Water Valve per MAG Det. 350 1 EA					
CONSTRUCTION					
1 Connect to Exist 12" ACP WL per MAG Section 610.11. Contractor to Confirm Proposed Connection Location and Furnish All Necessary Fittings. CL Sta. 498+63.76, 15.63' Lt WL Sta. 100+00.00 CL Sta. 97+70.14, 14.62' Lt WL Sta. 107+15.51 2 EA 2 Install New 12" DIP WL Per MAG Section 601 & 750 (Including City of Glendale Revisions). Restrain per MAG Det. 303-1 & 303-2. Pipe Shall be Polyethylene Wrapped per MAG Sec. 610 w/ Joints Double Wrapped. Bedding and Backfill per City of Glendale Det. G-690. 338 LF 3 Install New 12" Gate Valve, Box, and Cover per MAG Section 630.3, MAG Det. 391-1, Type "A" and City of Glendale Det. G-601. CL Sta. 499+44.78, 52.94' Lt WL Sta. 101+10.18 CL Sta. 97+65.13, 14.60' Lt WL Sta. 107+10.51 2 EA 4 Install New DIP Fitting (Deflection Per Plan) w/ Thrust Block per MAG Det. 380, and Electronic Ball Marker per City of Glendale Std. Sec. 6.2.B.5. CL Sta. 498+78.75, 15.62' Lt WL Sta. 100+15.00 CL Sta. 499+57.27, 65.92' Rt WL Sta. 101+28.19 CL Sta. 504+06.37 65.92' Rt WL Sta. 105+77.29 CL Sta. 97+47.93, 14.53' Lt WL Sta. 106+93.30 4 EA 5 Install New 12" ACP to DIP Coupling per City of Glendale Approved Products and Manufacturer Specifications. CL Sta. 498+63.76, 15.63' Lt WL Sta. 100+00.00 CL Sta. 97+70.14, 14.62' Lt WL Sta. 107+15.51 2 EA 6 Install New 12" DIP WL per MAG Section 601 & 750 (Including City of Glendale Rev.). Restrain per MAG Det. 303-1 & 303-2. See Note 1 395 LF 7 Relocate Existing Water Meter and Install New Meter Box per City of Glendale Det. G-643. Coordinate with City Forces for Installation of Relocated Meter (Size per Plan). Install Service Line to Main. Service Line Shall Not Have Any Splices per COG Det. G-642. CL Sta. 97+08.38, 96.10' Rt WL Sta. 105+88.10, 52.29' Rt 1 EA					
NO. ADDENDUM 2 REVISION CGG BY 08/2026 DATE					
MARICOPA COUNTY					
NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372					
DESIGNED C. GODFREY 07/2026 DRAWN C. GODFREY 07/2026 CHECKED R. CIRCELLO 07/2026 BURGESS & NIPLE 1230 W. WASHINGTON ST. SUITE 511 TEMPE, AZ 85288 EXPIRES: 9/30/2026					
WATERLINE AT NEW RIVER BRIDGE STA 100+00 TO 107+15					SHEET U 07
TRACS NO.					

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NOTE:

1. Construct thrust block per MAG Detail 380 & 381.
No additional measurement or payment will be made for thrust blocks.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	74	224	

☐ REMOVAL / RELOCATE ☐

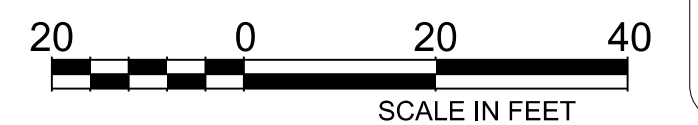
38 Remove ACP Water Line 29 LF

CONSTRUCTION

(48) 12" DIP Waterline with Fittings	36 LF
--------------------------------------	-------

49	Concrete Encasement with Reinforcement, 12 in Pipe, MAG Det 404	23 LF
----	--	-------

SCALE: Hor: 1"=20'
Vert: 1"=2'



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3			
2			
1	ADDENDUM 2	BP	7-15-26
NO.	REVISION	BY	DATE



**MARICOPA
COUNTY**



NORTHERN PARKWAY
103RD AVENUE TO 91ST AVENUE - PHASE 1
PROJECT NO. TT0372

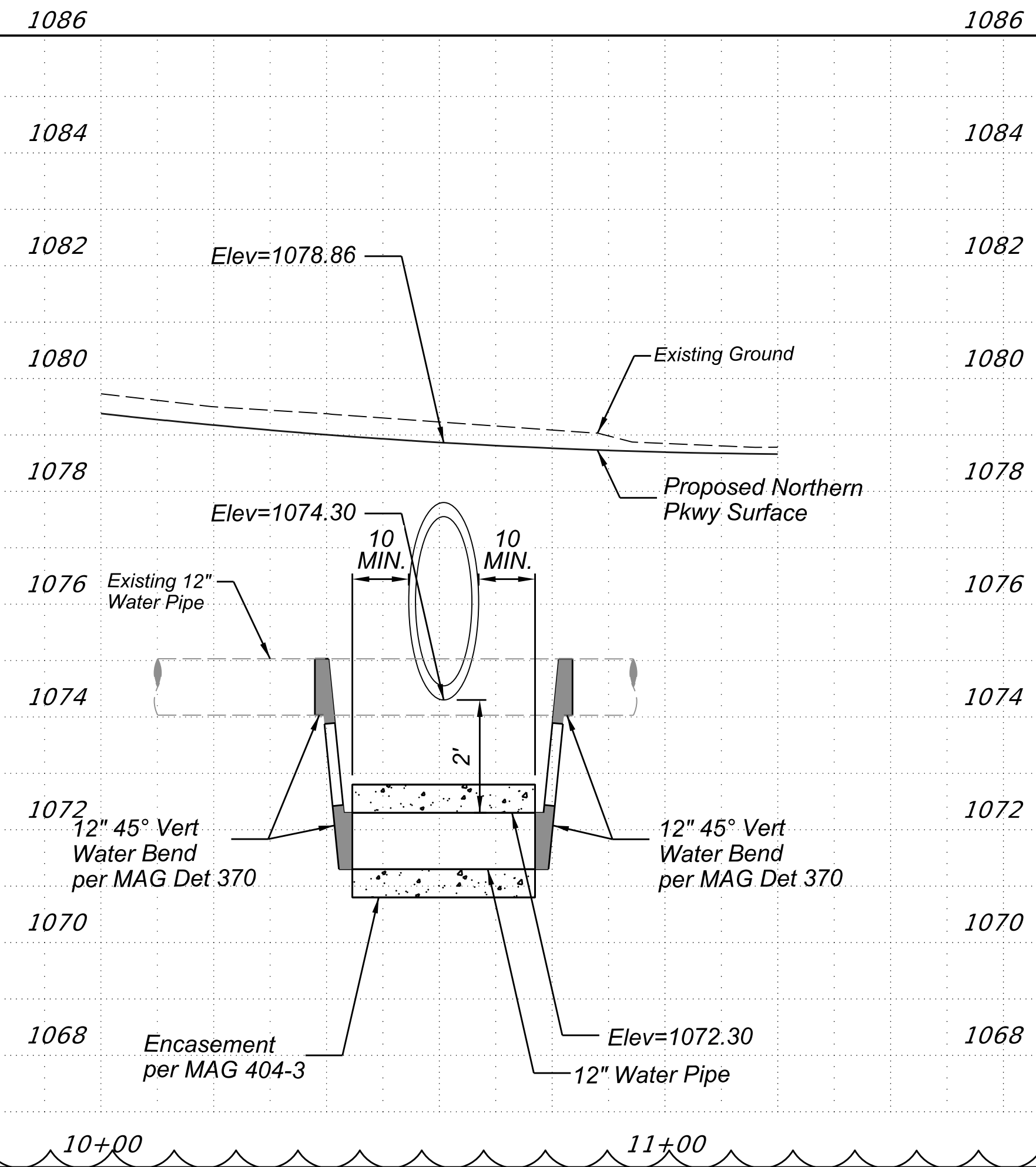
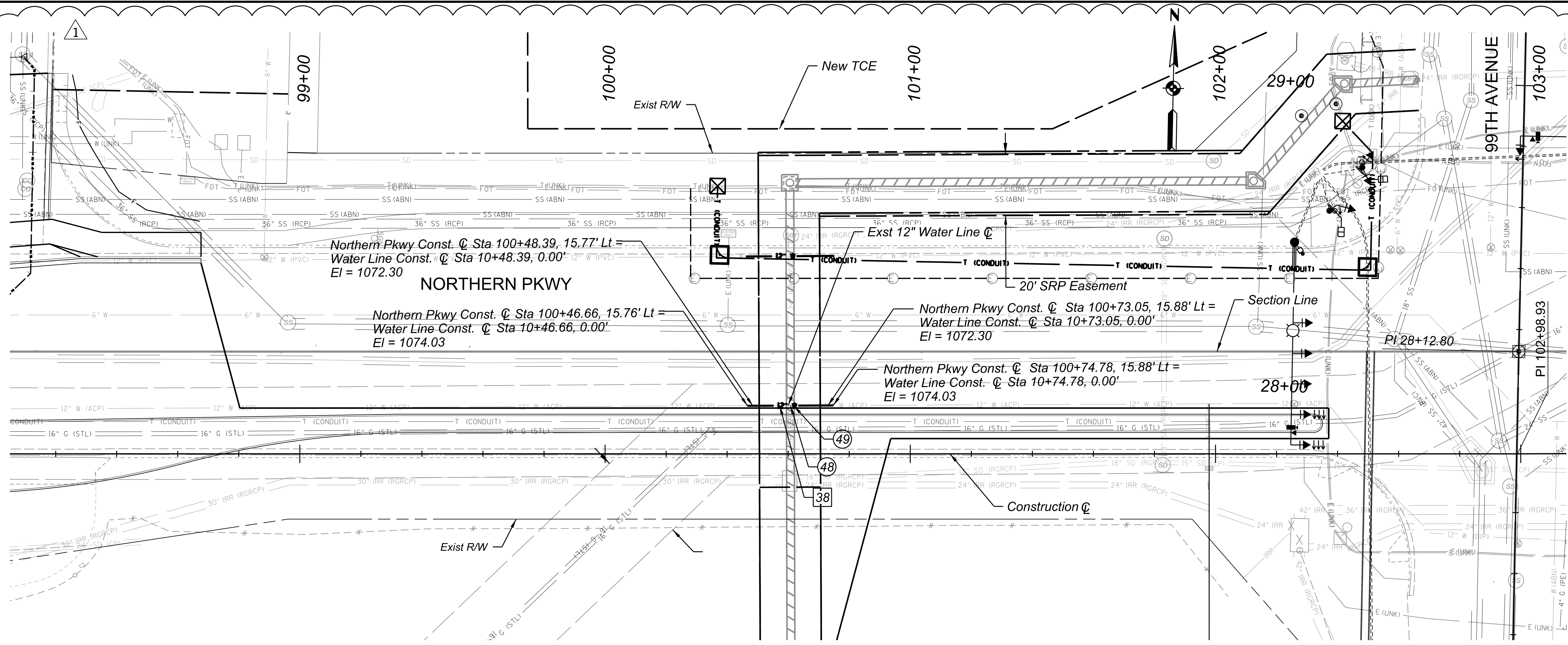
 Seal of the Commonwealth of Massachusetts		BY	DATE
	DESIGNED	B. POE	07/2026
	DRAWN	C. BURDETT	07/2026
	CHECKED	J. BARR	07/2026



TYLin

NORTHERN AVE - WATER LINE RELOCATION STA 100+60	SHEET U08
--	--------------

TRACS NO.



NOTE:

1. Construct thrust block per MAG Detail 380 & 381.
No additional measurement or payment will be made for thrust blocks.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	75	224	
☐ REMOVAL / RELOCATE ☐					
38 Remove ACP Water Line					29 LF
☐ CONSTRUCTION ☐					
48 12" DIP Waterline with Fittings					36 LF
49 Concrete Encasement with Reinforcement, 12 in Pipe, MAG Det 404					23 LF
SCALE: Hor: 1"=20' Ver: 1"=2'					
				SCALE IN FEET	
ADDENDUM 2 REVISION					BP BY DATE
MARICOPA COUNTY					
NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372					
		BY DESIGNED B. POE DRAWN C. BURDETT CHECKED J. BARR		DATE 07/2026 07/2026 07/2026	
TYLin					
NORTHERN AVE - WATER LINE RELOCATION STA 100+60					SHEET U09

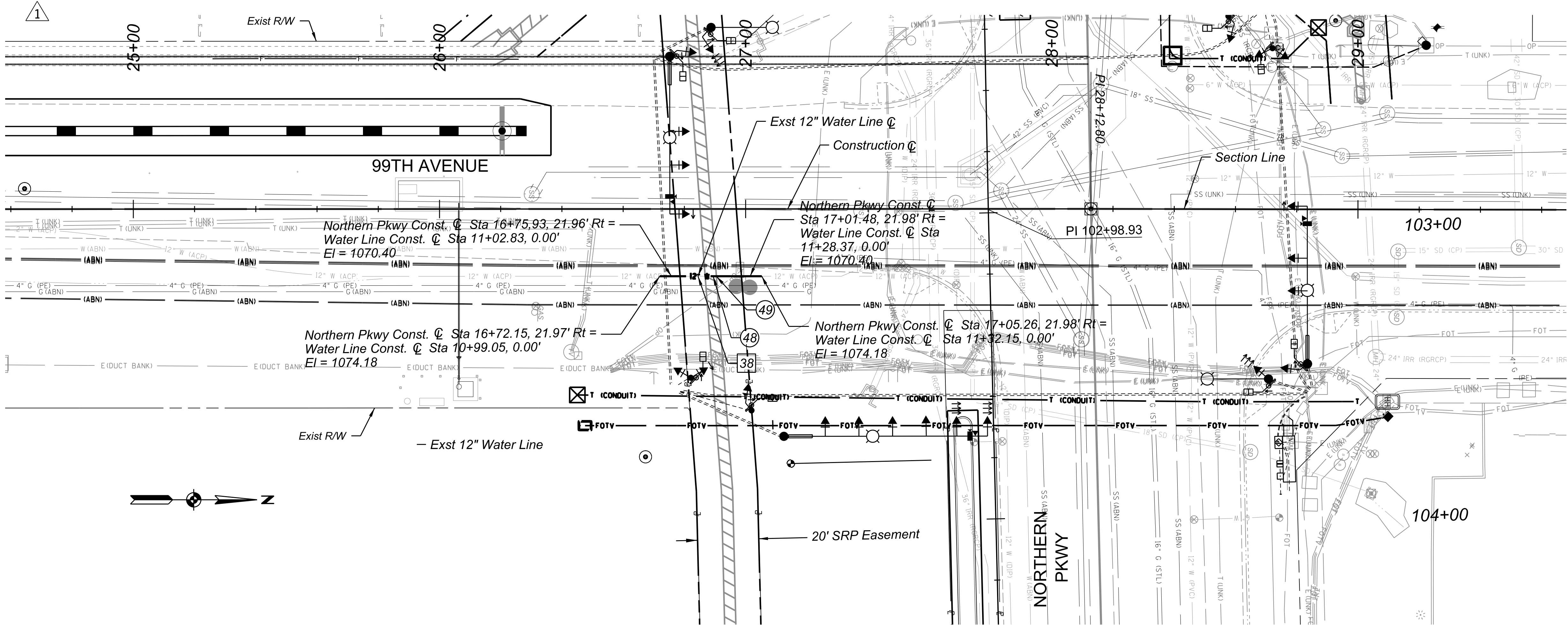
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Courtney Burdett - OpenRoads Imperial

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1068

10+00

11+00

12+00

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	76	224	

☐ REMOVAL / RELOCATE ☐

☒ Remove ACP Water Line 34 LF

☐ CONSTRUCTION ☐

☒ 12" DIP Waterline with Fittings 36 LF

☒ Concrete Encasement with Reinforcement, 12 in Pipe, MAG Det 404 23 LF

SCALE: Hor: 1"=20'
Vert: 1"=2'

20 0 20 40
SCALE IN FEET

ADDENDUM 2
REVISION

BP BY DATE

7-15-26

MARICOPA COUNTY

NORTHERN PARKWAY
103RD AVENUE TO 91ST AVENUE - PHASE 1
PROJECT NO. TT0372

DESIGNED BY DATE
DRAWN C. BURDETT 07/2026
CHECKED J. BARR 07/2026

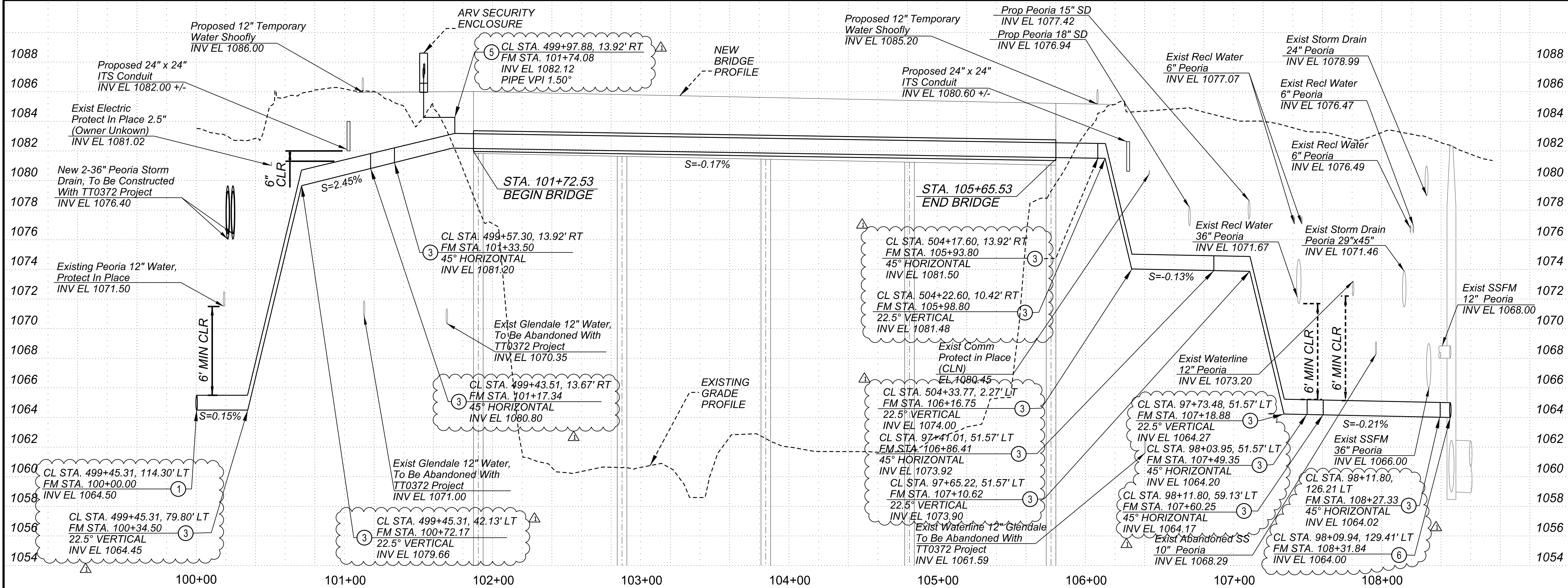
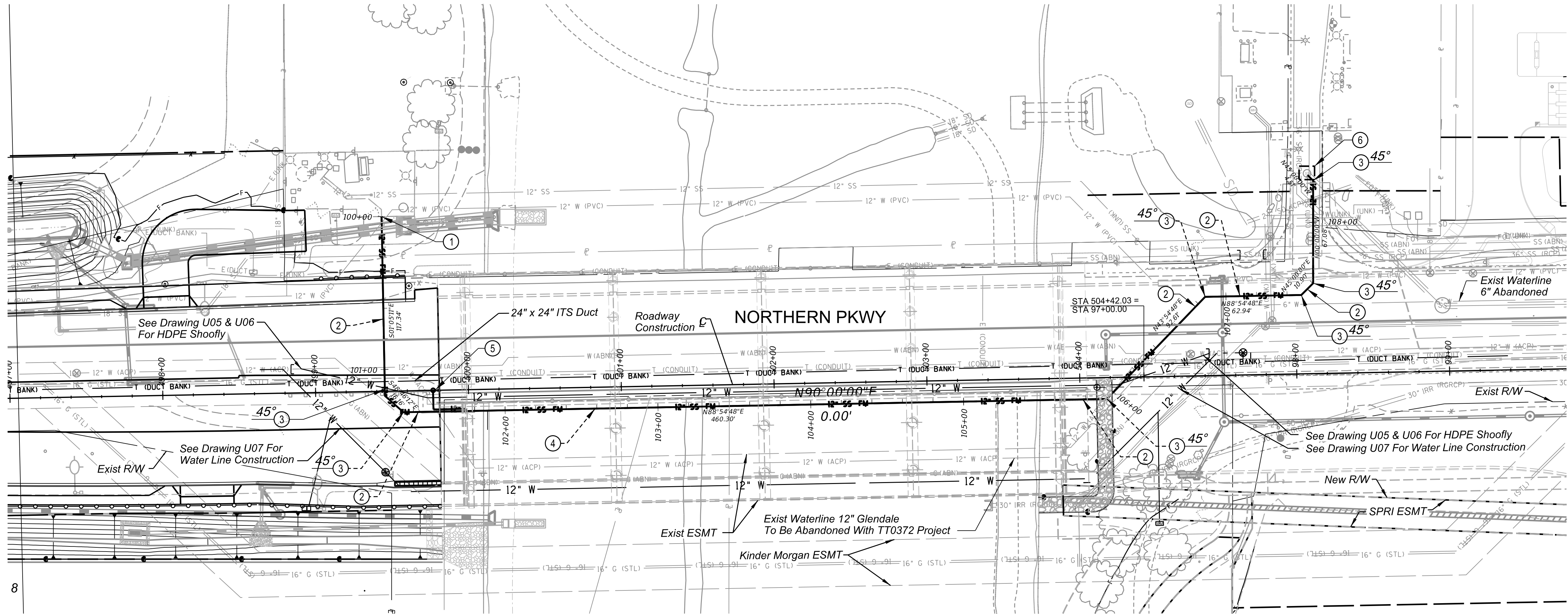
TYLin

99TH AVE - WATER LINE RELOCATION
STA 26+50

SHEET U10

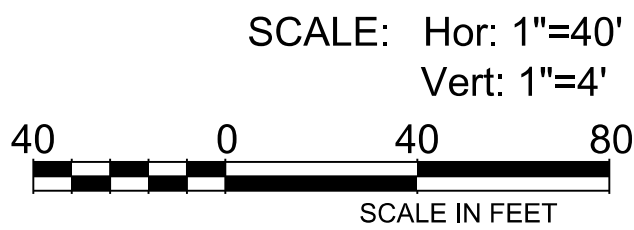
TRACS NO.

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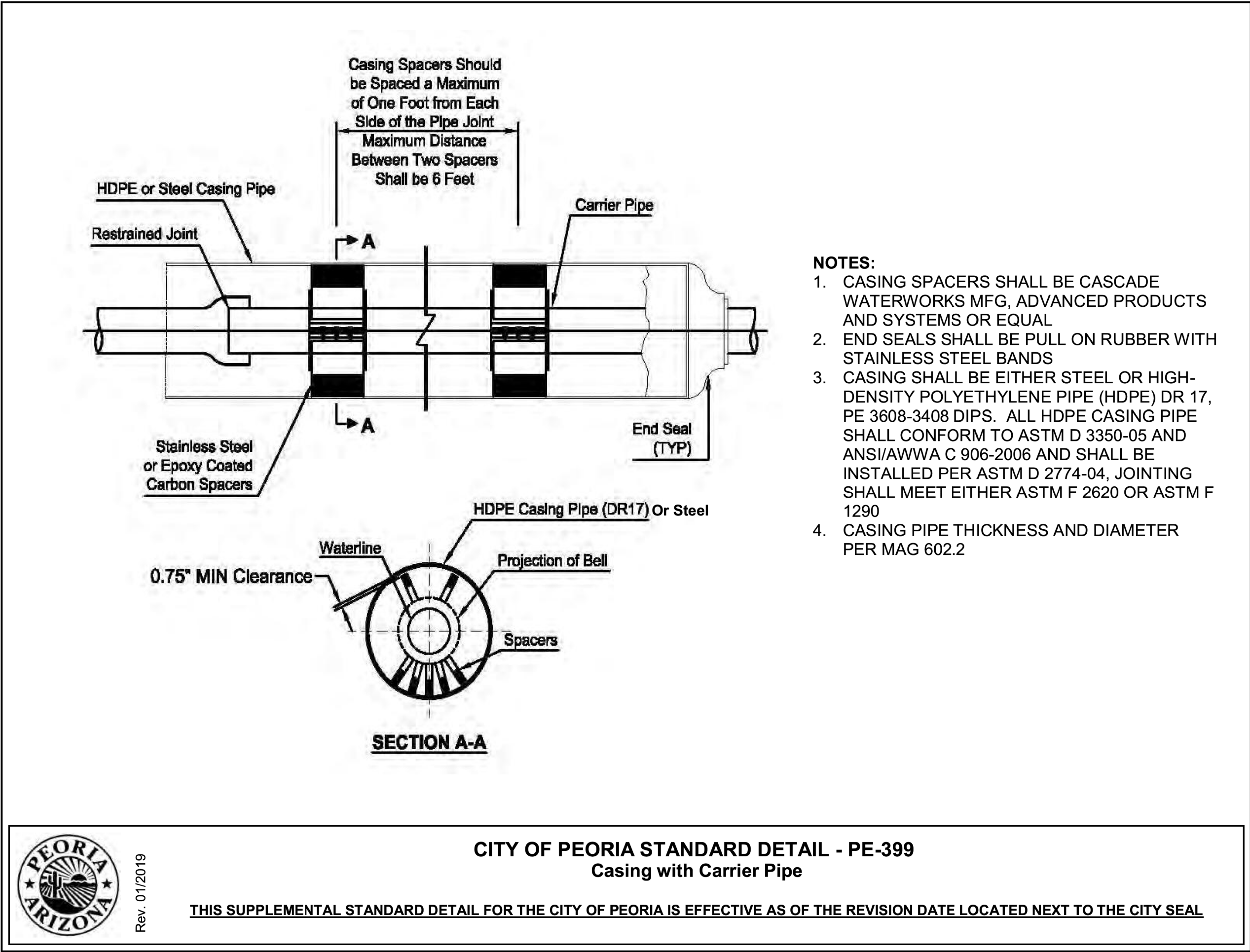
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	78	224	
☐ REMOVAL / RELOCATE ☐					
CONSTRUCTION CONSTRUCTION CONSTRUCTION					
① STUB AND CAP 12" FORCE MAIN AT FENCELINE OF LIFT STATION. ② INSTALL NEW 12" DR 11 HDPE SS FM PER MAG SECTIONS 601 & 738. THERMAL WELD JOINTS PER MAG SECTION 738.3.3. BEDDING AND BACKFILL PER MAG DET. 200-3. ③ INSTALL NEW DR 11 HDPE FITTING (DEFLECTION PER PLAN). THERMAL WELD JOINTS PER MAG SECTION 738.3.3. ④ INSTALL NEW 20" STEEL CASING PIPE PER MAG SECTION 602 AND CITY OF PEORIA STD DETAIL 399. INSTALL NEW 12" DR 11 HDPE SSFM PIPE PER MAG SECTIONS 440, 601 AND 738 AND CITY OF PEORIA STD DETAIL 399. THERMAL WELD JOINTS PER MAG SECTION 783.3.3. BEDDING AND BACKFILL PER MAG DET. 200-3 FOR PIPE LOCATED AWAY FROM THE BRIDGE, OTHERWISE, HANG PIPE PER SHEETS SB03 AND SB23 FROM BRIDGE PLANS. ⑤ INSTALL NEW 2" COMBINATION AIR RELEASE/VACUUM VALVE PER MAG SECTION 630.6. SEE DETAIL ON SHEET U13. ⑥ CONNECT TO EXISTING 72" I.D. MH @ INV EL = 1064.0 +/- SEE NEW FORCEMAIN CONNECTION DETAIL ON SHEET U13. 1 EA 435 LF 13 EA 440 LF 1 EA 1 EA					

HANGED PIPE NOTE:
STEEL CASING PIPE AND THE WATERLINE PIPE SHALL INCLUDE AT LEAST ONE EXPANSION JOINT WITH EBAA IRON 200 EXTEND OR APPROVED EQUAL. THE EXPANSION JOINT SHALL ACCOMMODATE MINIMUM 3" MOVEMENT. THE LOCATION OF THE EXPANSION JOINT SHALL BE NEAR BY THE ABUTMENT AND DETERMINED BY THE CONTRACTOR. THE SELECTED EXPANSION DETAIL AND LOCATION SHALL BE SUBMITTED TO REVIEW BEFORE COMMENCING.

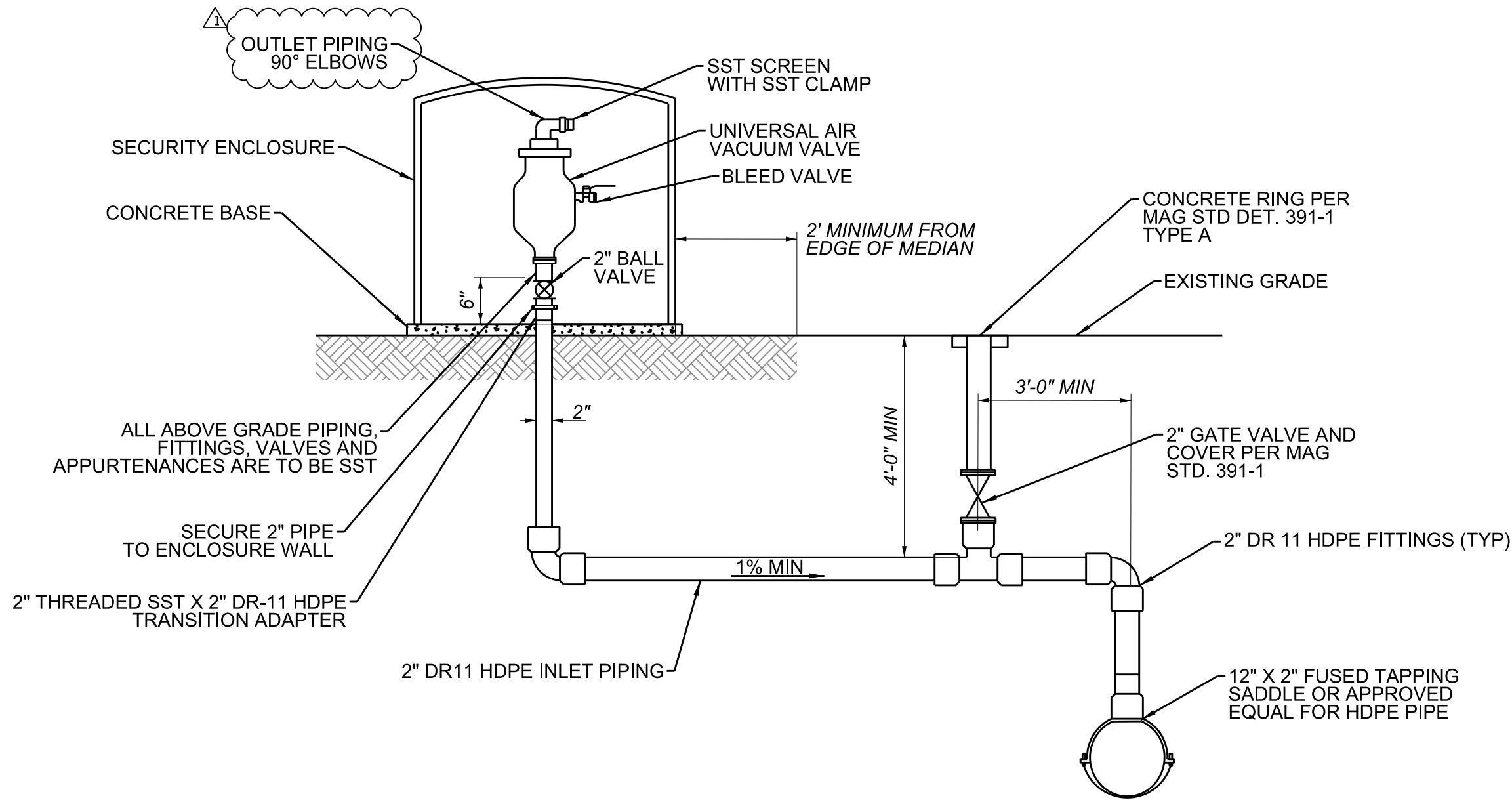


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△			
△	ADDENDUM 2	PB	08/26
NO.	REVISION	BY	DATE
 MARICOPA COUNTY			
NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372			
	DESIGNED	BY	DATE
	DRAWN	H. OWENS	03/2026
	CHECKED	R. MORENO	03/2026
		P. BORDENAVE	03/2026
			
FORCE MAIN AT NEW RIVER BRIDGE STA 100+00 TO 108+75			SHEET U 12
TRACS NO.			

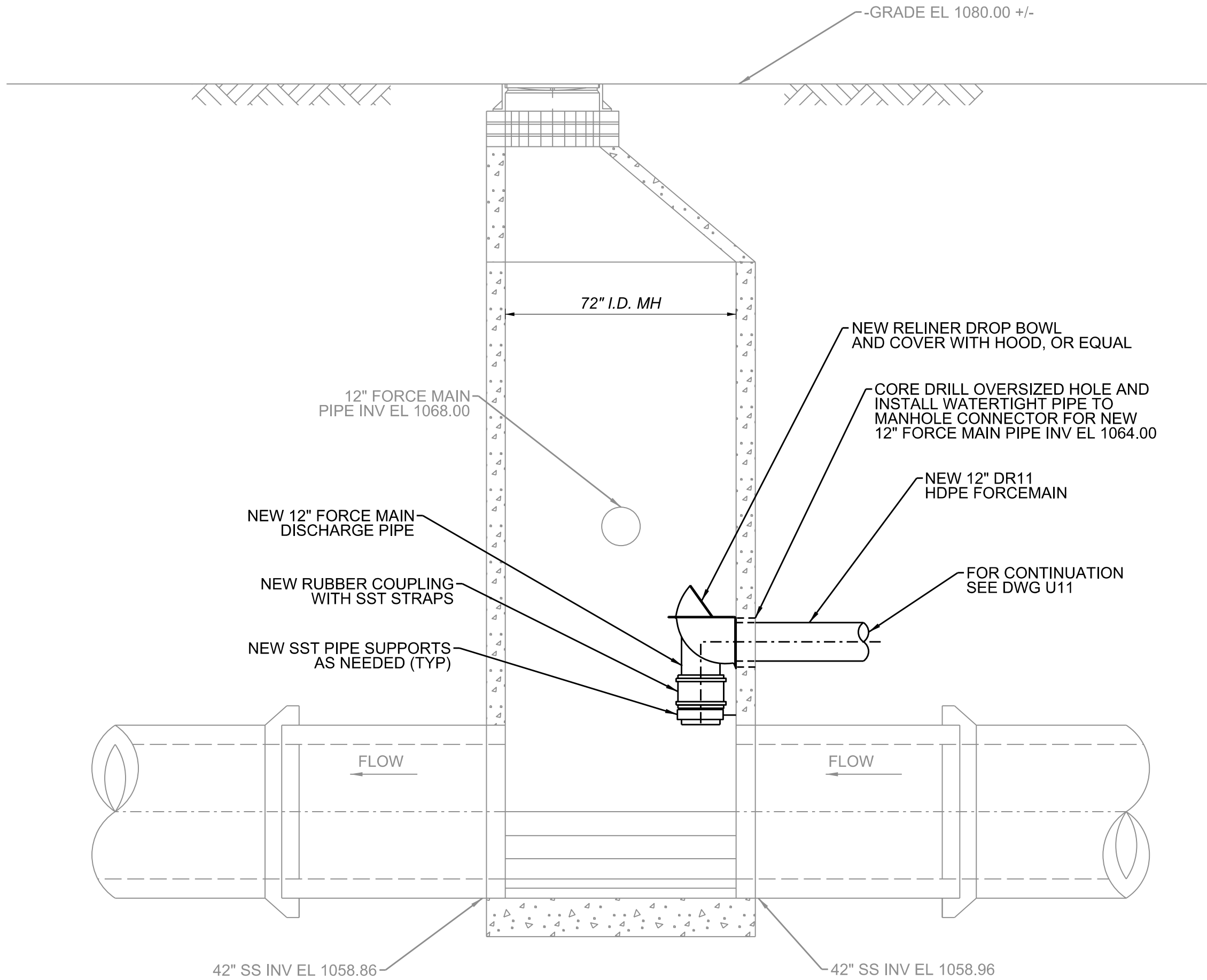
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	79	224	



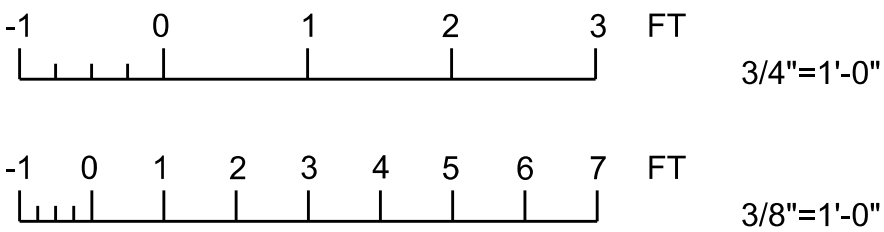
DETAIL 1/U13 - PE-399 CASING DETAIL
SCALE: NOT TO SCALE



DETAILS 3/U13 - ARV DETAIL
SCALE: 3/4" = 1'-0"



DETAIL 2/U13 - NEW FORCE MAIN DISCHARGE PIPE CONNECTION TO EXISTING MANHOLE
SCALE: 3/8" = 1'-0"



NO.	ADDENDUM 2 REVISION	PB BY	07/15/26 DATE
MARICOPA COUNTY			
NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372			
	DESIGNED	H. OWENS	03/2026
	DRAWN	S.TASAL	03/2026
	CHECKED	P. BORDENAVE	03/2026
TYLin			
FORCE MAIN DETAIL SHEET 1			SHEET U 13

MCDOT PW Rendition

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brooke.logan@burgessniple.com

MCDOT CE

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STRIPING QUANTITIES
STA 478+24 TO 499+81
B&N SECTION

CONTRACTOR'S BID QUANTITIES - ENGLISH UNITS ALL SHEETS HAVE BEEN COMBINED AND INCREASED BY 10% TO ALLOW FOR FIELD ADJUSTMENTS. REFER TO THE SPEC. FOR TYPE OF MATERIAL TO USE, i.e., PAINT, THERMOPLASTIC, RPM's, TAPE, BARRIER MARKERS, ETC.			
STRIPING IS BASED ON A 4 INCH LINE 0.09" THERMOPLASTIC STRIPE WHITE 2,532 ± LF. YELLOW - ± LF. TOTAL 2,532 ± LF.	MARKERS RAISED & BARRIER STIMSONITE MARKERS - 4 INCH WIDTH TYPE C = CLEAR / RED Reflective = - ± Ea. TYPE D = YELLOW, 2-WAY Reflective = 58 ± Ea. TYPE E - YELLOW/RED Reflective = - ± Ea. TYPE G = CLEAR, 1-WAY Reflective = 134 ± Ea. TYPE H = YELLOW, 1-WAY Reflective = - ± Ea. CERAMIC BUTTON - 4 INCH DIAMETER TYPE A = WHITE Non-Reflective = - ± Ea. TYPE AY = YELLOW Non-Reflective = - ± Ea. BARRIER MARKERS BRIDGE & CONCRETE TYPE BM-1 = WHITE 1-WAY REFFLECTIVE = - ± Ea. TYPE BM-2 = YELLOW 1-WAY REFFLECTIVE = - ± Ea. BARRIER MARKERS GUARDRAIL WHITE = REFER TO ADOT SIGNING & MARKING DRAWING No. M-32 = - ± Ea. SAND BARREL CRASH CUSHION ADOT SIGNING AND MARKING DRAWING No. M-35 = - ± Ea. TRAFFIC DRUM = - ± Ea. GRAND TOTAL = 192 ± Ea.	LEGEND & QUANTITY	
REFELECTORIZED PAINT WHITE 8,330 ± LF. YELLOW 6,649 ± LF. TOTAL 14,979 ± LF.			
TEMPORARY PAINT REFELECTORIZED PAINT WHITE 11,596 ± LF. YELLOW 6,649 ± LF. TOTAL 18,245 ± LF.			
GRAND TOTAL 35,756 ± LF.			
PREFORMED TAPE TYPE 1 - PERMANENT WHITE - ± LF YELLOW - ± LF TOTAL - ± LF	ARROWS LEFT 7 ± Ea. RIGHT 4 ± Ea. STRAIGHT - ± Ea. COMBO - ± Ea. MERGE 4 ± Ea. WRONG WAY - ± Ea. TOTAL 15 ± Ea.	LEGENDS A LEGEND IS A SINGLE WORD, i.e., SLOW & ONLY, STOP AHEAD IS CONSIDERED AS TWO SEPARATE LEGENDS. TOTAL - ± Ea.	SYMBOLS SYMBOLS ARE RxR MARKINGS & BIKE LANE MARKINGS, ETC. TOTAL - ± Ea.
RAISED YELLOW MEDIANS & WHITE ISLANDS YELLOW - ± Ea. WHITE - ± Ea. TOTAL - ± Ea.			

RPM NOTE: MARKERS SHALL BE PLACED SO THAT ITS REFLECTIVE FACE IS PERPENDICULAR TO TRAFFIC.

NO.	ADDENDUM 1 REVISION REVISION	BRL BY	07/2026 DATE									
MARICOPA COUNTY NORTHERN PARKWAY 103RD AVENUE TO 99TH AVENUE PROJECT NO. TT0372 <table><tr><td>DESIGNED</td><td>B. LOGAN</td><td>04/2026</td></tr><tr><td>DRAWN</td><td>B. LOGAN</td><td>04/2026</td></tr><tr><td>CHECKED</td><td>C. LEMKA</td><td>04/2026</td></tr></table> 37382 CHRISTOPHER B. LEMKA BURGESS & NIPLE 1230 W. WASHINGTON ST. SUITE 511 TEMPE, AZ 85288				DESIGNED	B. LOGAN	04/2026	DRAWN	B. LOGAN	04/2026	CHECKED	C. LEMKA	04/2026
DESIGNED	B. LOGAN	04/2026										
DRAWN	B. LOGAN	04/2026										
CHECKED	C. LEMKA	04/2026										
PAVEMENT MARKING QUANTITIES			SHEET SN03									

STRIPING QUANTITIES
STA 478+24 TO STA 100+40
TYLIN SECTION

CONTRACTOR'S BID QUANTITIES - ENGLISH UNITS ALL SHEETS HAVE BEEN COMBINED AND INCREASED BY 10% TO ALLOW FOR FIELD ADJUSTMENTS. REFER TO THE SPEC. FOR TYPE OF MATERIAL TO USE, i.e., PAINT, THERMOPLASTIC, RPM's, TAPE, BARRIER MARKERS, ETC.			
STRIPING IS BASED ON A 4 INCH LINE 0.09" THERMOPLASTIC STRIPE WHITE - ± LF. YELLOW - ± LF. TOTAL - ± LF.	MARKERS RAISED & BARRIER STIMSONITE MARKERS - 4 INCH WIDTH TYPE C = CLEAR / RED Reflective = - ± Ea. TYPE D = YELLOW, 2-WAY Reflective = - ± Ea. TYPE E - YELLOW/RED Reflective = - ± Ea. TYPE G = CLEAR, 1-WAY Reflective = - ± Ea. TYPE BB = BLUE, 2-WAY Reflective = - ± Ea. CERAMIC BUTTON - 4 INCH DIAMETER TYPE A = WHITE Non-Reflective = - ± Ea. TYPE AY = YELLOW Non-Reflective = - ± Ea. BARRIER MARKERS BRIDGE & CONCRETE TYPE BM-1 = WHITE 1-WAY REFFLECTIVE = - ± Ea. TYPE BM-2 = YELLOW 1-WAY REFFLECTIVE = - ± Ea. BARRIER MARKERS GUARDRAIL WHITE = REFER TO ADOT SIGNING & MARKING DRAWING No. M-32 = - ± Ea. SAND BARREL CRASH CUSHION ADOT SIGNING AND MARKING DRAWING No. M-35 = - ± Ea. TRAFFIC DRUM = - ± Ea. GRAND TOTAL = - ± Ea.	LEGEND & QUANTITY	
TEMPORARY PAINT REFELECTORIZED PAINT WHITE - ± LF. YELLOW - ± LF. TOTAL - ± LF.			
GRAND TOTAL - ± LF.			
PREFORMED TAPE TYPE 1 - PERMANENT WHITE - ± LF YELLOW - ± LF TOTAL - ± LF	ARROWS LEFT - ± Ea. RIGHT - ± Ea. STRAIGHT - ± Ea. COMBO - ± Ea. MERGE - ± Ea. TOTAL - ± Ea.	LEGENDS A LEGEND IS A SINGLE WORD, i.e., SLOW & ONLY, STOP AHEAD IS CONSIDERED AS TWO SEPARATE LEGENDS. TOTAL - ± Ea.	SYMBOLS SYMBOLS ARE RxR MARKINGS & BIKE LANE MARKINGS, ETC. TOTAL - ± Ea.
RAISED YELLOW MEDIANS & WHITE ISLANDS YELLOW - ± Ea. WHITE - ± Ea. TOTAL - ± Ea.			

RPM NOTE: MARKERS SHALL BE PLACED SO THAT ITS REFLECTIVE FACE IS PERPENDICULAR TO TRAFFIC.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	109	224	



NO.	ADDENDUM 2 REVISION REVISION	BP BY	7-15-26 DATE									
MARICOPA COUNTY NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372 <table><tr><td>DESIGNED</td><td>B. POE</td><td>07/2026</td></tr><tr><td>DRAWN</td><td>C. BURDETT</td><td>07/2026</td></tr><tr><td>CHECKED</td><td>J. BARR</td><td>07/2026</td></tr></table> BRENNAN POE TYLin				DESIGNED	B. POE	07/2026	DRAWN	C. BURDETT	07/2026	CHECKED	J. BARR	07/2026
DESIGNED	B. POE	07/2026										
DRAWN	C. BURDETT	07/2026										
CHECKED	J. BARR	07/2026										
SIGNING AND PAVEMENT MARKING QUANTITIES			SHEET SN03									

TRACS NO.

11:53:12 PM/1/15/2026

Projects\221991.00_TT0372\600_CADD\05_Official\Dgn_PHASE 1\Sheets\B&N\TT0372_ST_Sign_Summary_99.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	110	224	

SIGNING SUMMARY																		
STA.	SIGN CODE	WORK				OFFSET FROM EP		PANEL					GROUND MOUNT					REMARKS
		NEW	EXISTING		SEE REMARKS			LEGEND	SIGN SIZE		SHEETING TYPE AREA (sq. ft.)		POSTS					
			RELOCATE	REMOVE & SALVAGE		WIDTH (in)	HEIGHT (in)		H	D	NO. POSTS	TYPE (length)		FOUNDATIONS				
						Lt (ft)	Rt (ft)							P (ft)	U (ft)	P (ea)	U (ea)	
NORTHERN AVENUE																		
473+39	D3				X	-		104TH DR										To Remain
473+39	D3				X	-		NORTHERN AVE										To Remain
473+39	R1-1-30				X	-		STOP										To Remain
478+99	R2-1-40				X	-		SPEED LIMIT 40										To Remain
481+15	CUSTOM				X		-	GLENDALE AIRPORT										To Remain
482+15	R3-7-R				X		-	RIGHT LANE MUST TURN RIGHT										To Remain
485+04	R9-9	X					11	SIDEWALK CLOSED	24	12	2.0		1	11		1		
486+85	R3-7-R	X			X	-		RIGHT LANE MUST TURN RIGHT	36	36	9.0							Mount To Light Post
488+16	R2-1-40			X			-	SPEED LIMIT 40										
490+00	R3-2	X			X	-		No Left Turn Symbol	36	36	9.0							Mount To Light Post
490+85	R2-1-40	X			X		-	SPEED LIMIT 40	30	36	7.5							Mount To Light Post
492+50	R3-7-R	X			X		-	RIGHT LANE MUST TURN RIGHT	36	36	9.0							Mount To Light Post
494+70	R3-2	X			X			No Left Turn Symbol	36	36	9.0							Mount To Light Post
499+00	I-3	X			X		-	NEW RIVER	24	18	3.0							Mount To Light Post
499+64	I-3			X			-	NEW RIVER										
499+78	M-4	X			X		-	Type 4 Object Marker	18	18	2.25		1	11		1		Install at 5' Spacing
499+78	M-4	X			X		-	Type 4 Object Marker	18	18	2.25		1	11		1		Install at 5' Spacing
499+78	M-4	X			X		-	Type 4 Object Marker	18	18	2.25		1	11		1		Install at 5' Spacing
499+78	M-4	X			X		-	Type 4 Object Marker	18	18	2.25		1	11		1		Install at 5' Spacing
499+78	M-4	X			X		-	Type 4 Object Marker	18	18	2.25		1	11		1		Install at 5' Spacing
499+78	M-4	X			X		-	Type 4 Object Marker	18	18	2.25		1	11		1		Install at 5' Spacing
499+78	M-4	X			X		-	Type 4 Object Marker	18	18	2.25		1	11		1		Install at 5' Spacing
499+78	M-4	X			X		-	Type 4 Object Marker	18	18	2.25		1	11		1		Install at 5' Spacing
499+78	M-4	X			X		-	Type 4 Object Marker	18	18	2.25		1	11		1		Install at 5' Spacing
499+80	M-1	X			X	2		Type 1 Object Marker	18	18	2.25		1	11		1		Install at 5' Spacing
499+80	M-1	X			X	7		Type 1 Object Marker	18	18	2.25		1	11		1		Install at 5' Spacing
103RD AVENUE/GLEN HARBOR BOULEVARD																		
30+73	COG-2			X		-		WELCOME TO GLENDALE										
30+73	COG-2	X				3		WELCOME TO GLENDALE	36	48	12.0		2	26		2		
31+09	R3-5-R				X	-		Right Turn Arrow ONLY										To Remain
31+09	R3-5f				X	-		RIGHT LANE										To Remain
32+56	R4-7				X		-	Keep Right Symbol										To Remain
											67.25		14	158		14		SUB-TOTAL

Contact Arizona 811 Two Working Days Before You Dig


Call 811 or Click Arizona811.com

H= HIGH INTENSITY PRISMATIC SHEETING
D= ASTM D4956 TYPE XI OR EQUAL
DESIGN SPEED= 40 MPH / 55 MPH

P= PERFORATED POSTS
U= U-CHANNEL POST

NO.	ADDENDUM 2 REVISION REVISION		BRL BY	07/2026 DATE									
MARICOPA COUNTY  NORTHERN PARKWAY 103RD AVENUE TO 99TH AVENUE PROJECT NO.TT0372 <table><tr><td>DESIGNED</td><td>B. LOGAN</td><td>04/2026</td></tr><tr><td>DRAWN</td><td>B. LOGAN</td><td>04/2026</td></tr><tr><td>CHECKED</td><td>C. LEMKA</td><td>04/2026</td></tr></table> BURGESS & NIPLE 1230 W. WASHINGTON ST. SUITE 511 TEMPE, AZ 85288 SIGN SUMMARY SHEET SHEET SS01					DESIGNED	B. LOGAN	04/2026	DRAWN	B. LOGAN	04/2026	CHECKED	C. LEMKA	04/2026
DESIGNED	B. LOGAN	04/2026											
DRAWN	B. LOGAN	04/2026											
CHECKED	C. LEMKA	04/2026											

TRACS NO.

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DESIGN SPEED= 40 MPH / 55 MPH

U= U-CHANNEL POST

Contact Arizona 811 Two Working Days Before You Dig

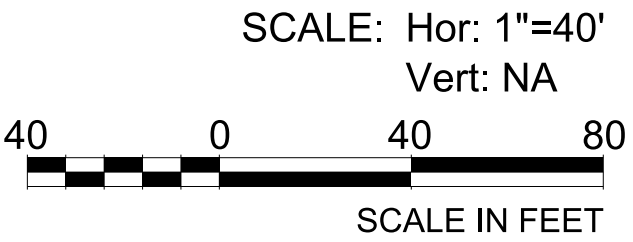
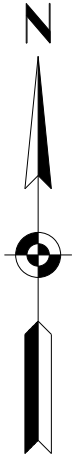
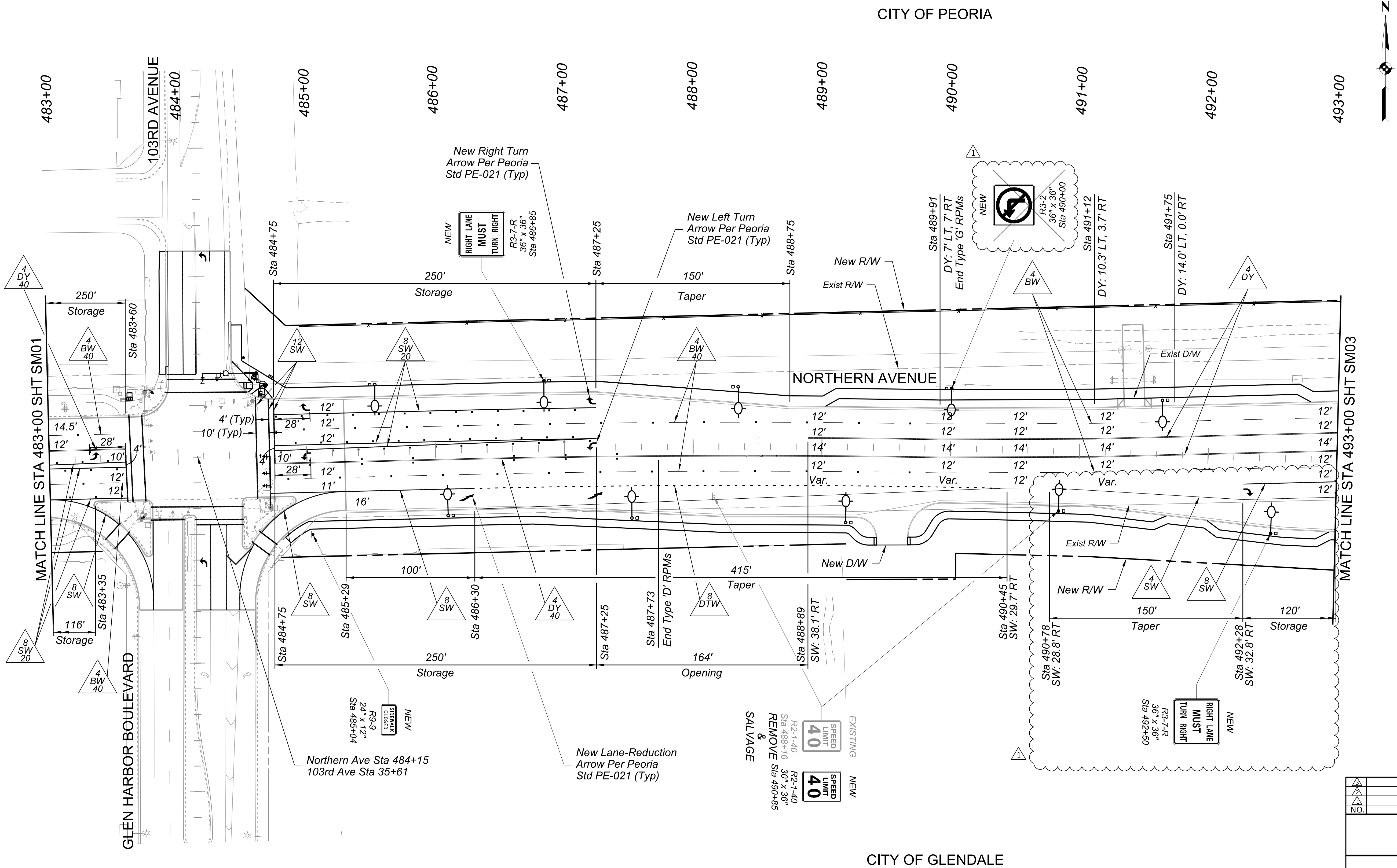


Call 811 or Click Arizona811.com

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	113	224	



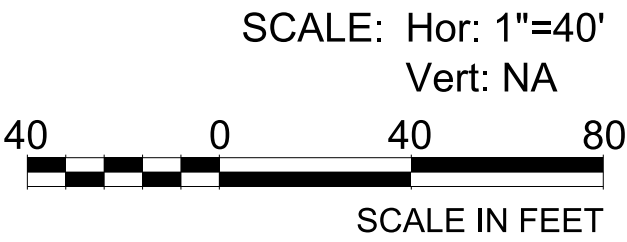
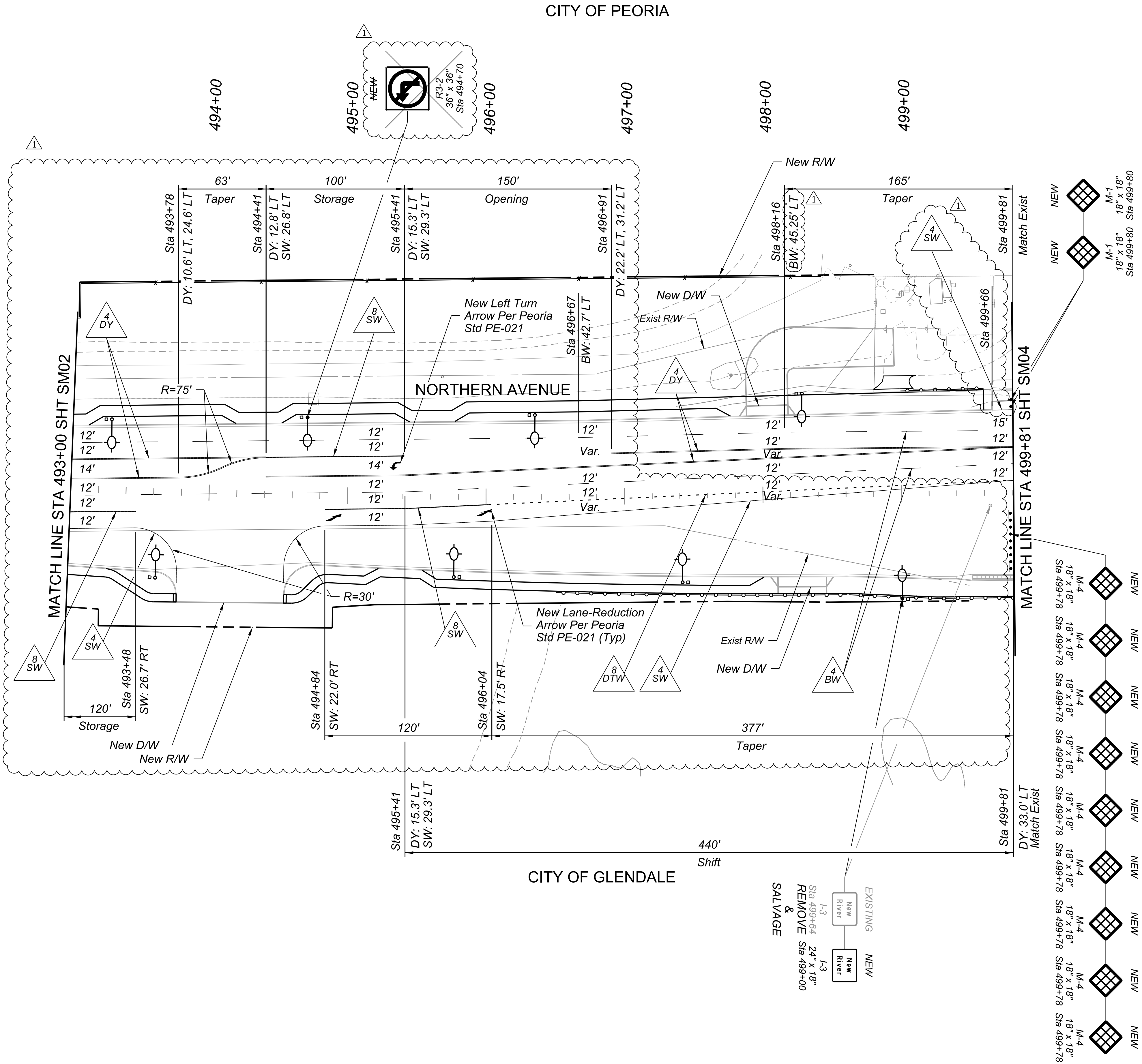
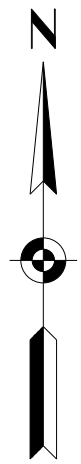
ADDENDUM 2 REVISION	BRL	07/2026
REVISION	BY	DATE
MARICOPA COUNTY		
NORTHERN PARKWAY 103RD AVENUE TO 99TH AVENUE PROJECT NO. TT0372		
DESIGNED	B. LOGAN	04/2026
DRAWN	B. LOGAN	04/2026
CHECKED	C. LEMKA	04/2026
BURGESS & NIPLE		
1230 W. WASHINGTON ST. SUITE 511 TEMPE, AZ 85288		
SIGNING AND PAVEMENT MARKING NORTHERN PARKWAY		SHEET SM02

TRACS NO.

5:37:06 AM 8/5/2026

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	114	224	



NO.	ADDENDUM 2 REVISION	REVISION	BRL	08/2026
			BY	DATE

MARICOPA COUNTY

NORTHERN PARKWAY
103RD AVENUE TO 99TH AVENUE
PROJECT NO.TT0372

	BY	DATE
DESIGNED	B. LOGAN	04/2026
DRAWN	B. LOGAN	04/2026
CHECKED	C. LEMKA	04/2026

BURGESS & NIPLE
1230 W. WASHINGTON ST. SUITE 511
TEMPE, AZ 85288

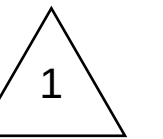
SIGNING AND PAVEMENT MARKING
NORTHERN PARKWAY

SHEET
SM03

TRACS NO.

SUMMARY OF ESTIMATED QUANTITIES

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	122A	224	

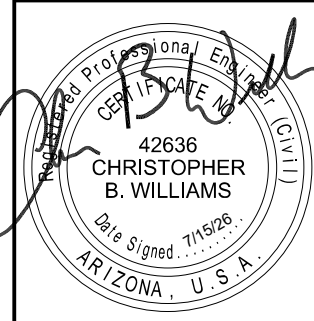
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△			
△			
△	ADDENDUM 2 REVISION - NEW SHEET ADDED	Y2K	7/2026
NO.	REVISION	BY	DATE




**MARICOPA
COUNTY**

NORTHERN PARKWAY			
103RD AVENUE TO 91ST AVENUE - PHASE 1			
PROJECT NO. TT0372			

		BY	DATE
	DESIGNED	R. NEIFFER	07/2026
	DRAWN	N. NEIFFER	07/2026
	CHECKED	C. WILLIAMS	07/2026

Y2K ENGINEERING
 1921 S. Alma School Rd, Suite 204
 Mesa, Arizona 85210
www.y2keng.com

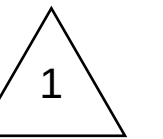


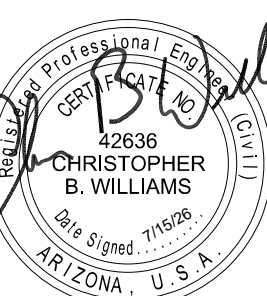
STREET LIGHTING QUANTITY SUMMARY	SHEET LN06
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TRACS NO.

SUMMARY OF ESTIMATED QUANTITIES

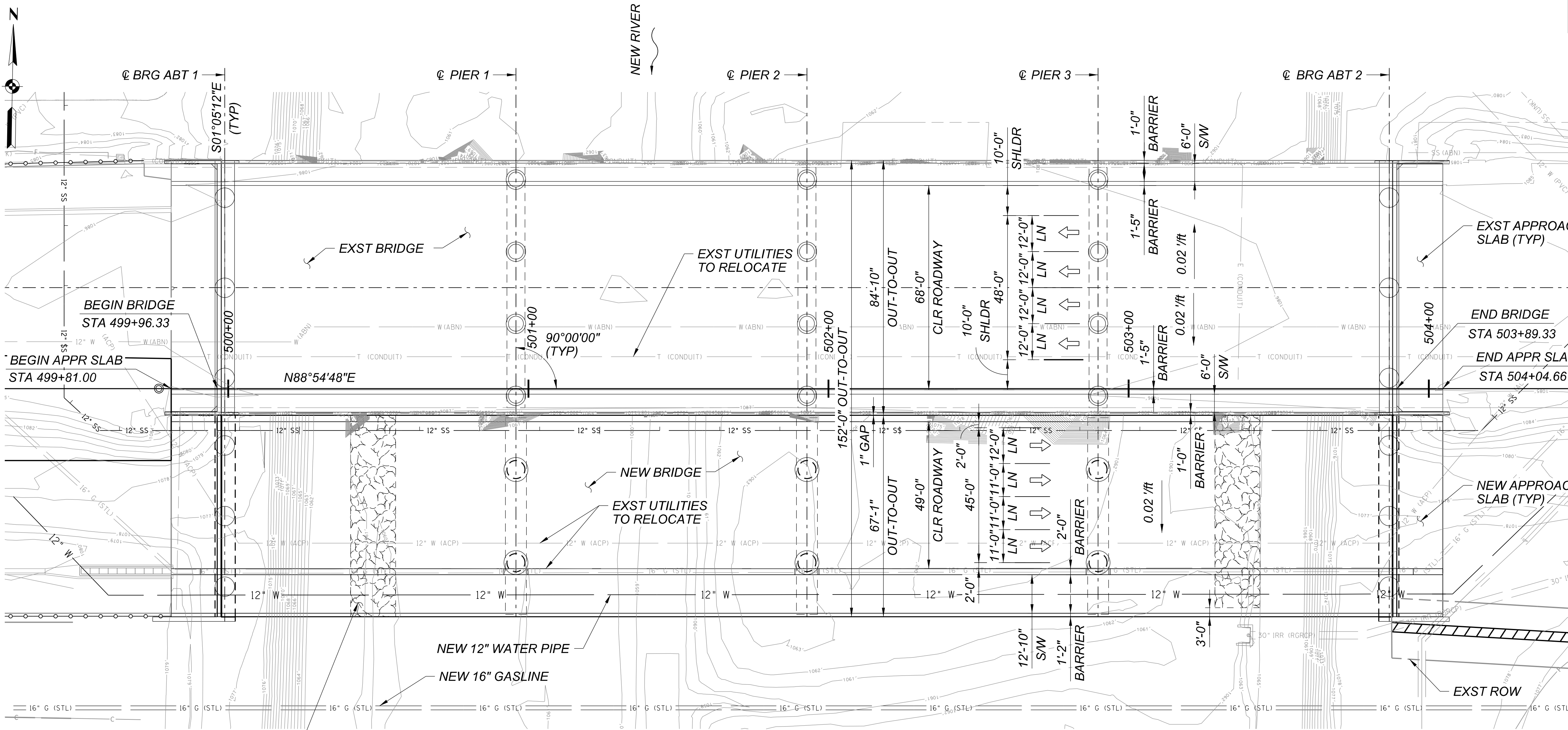
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	144A	224	

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  	ADDENDUM 2 REVISION - NEW SHEET ADDED	Y2K	7/2026
NO.	REVISION	BY	DATE
 MARICOPA COUNTY			
NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372			
		BY	DATE
DESIGNED		R. NEIFFER	07/2026
DRAWN		N. NEIFFER	07/2026
CHECKED		C. WILLIAMS	07/2026
Y2K ENGINEERING 1921 S. Alma School Rd, Suite 204 Mesa, Arizona 85210 www.y2keng.com			
ITS QUANTITY SUMMARY			SHEET IC07

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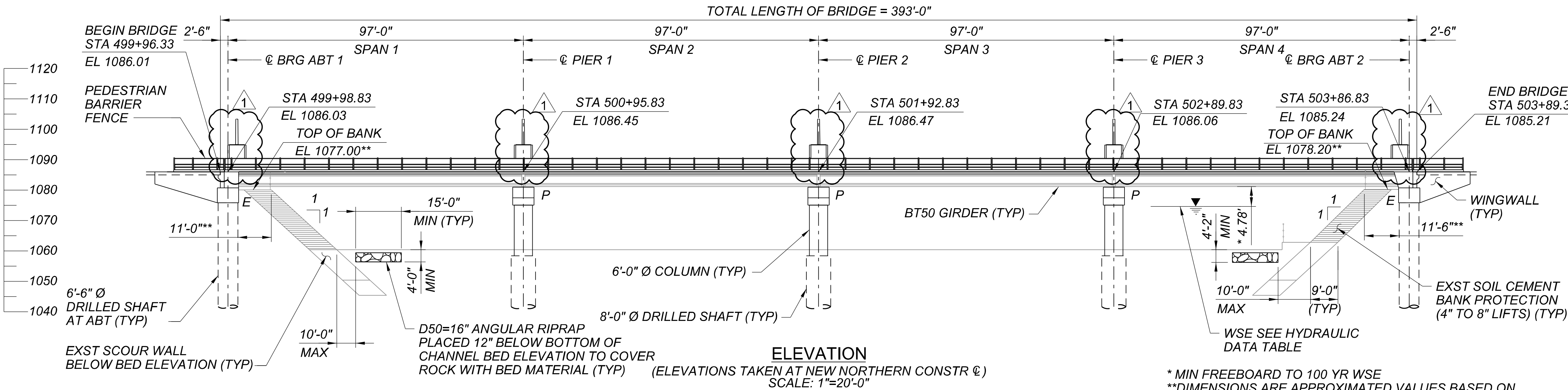
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	146	224	



GENERAL PLAN
4-SPAN PRECAST PRESTRESSED UBT50 CONCRETE GIRDER BRIDGE
NO SKEW
SCALE: 1"=20'-0"

HYDRAULIC DATA				
EVENT	50 YR	100 YR	500 YR	
WSE (ft)	1072.91	1074.61	1078.61	
V (fps)	8.02	9.76	12.43	
Q (cfs)	31,000	41,000	69,000	
PIER SCOUR EL	N/A	1028.97	1023.77	
ABT 1 SCOUR EL	N/A	N/A	1023.77	
ABT 2 SCOUR EL	N/A	N/A	1023.77	

WSE = WATER SURFACE ELEVATION
V = VELOCITY OF FLOW
Q = WATER FLOW
REFER TO HYRDAULIC REPORT



ELEVATION
(ELEVATIONS TAKEN AT NEW NORTHERN CONSTR C)
SCALE: 1"=20'-0"

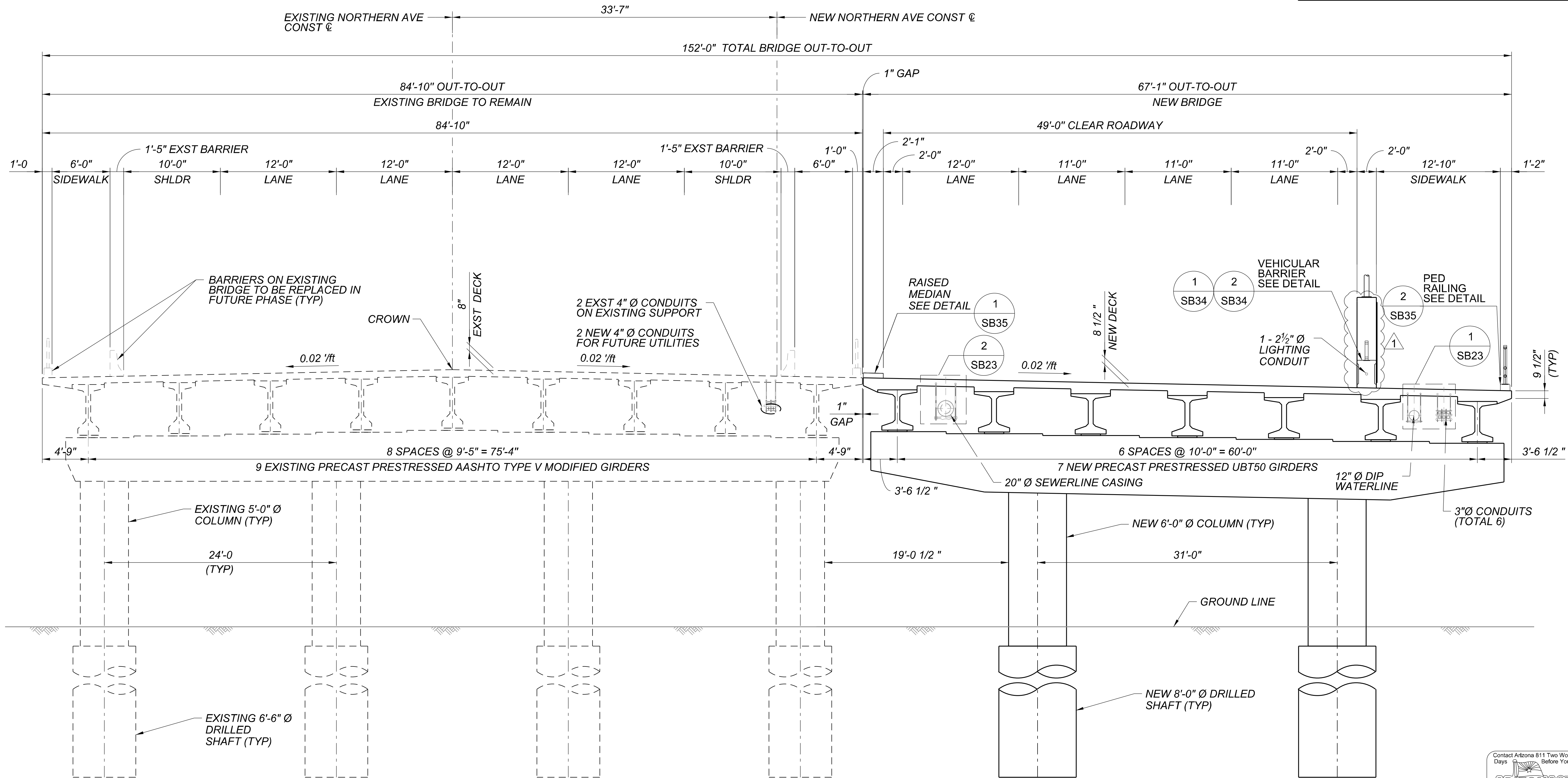


NO.	ADDENDUM 2 REVISION	BR	07/2026
	REVISION	BY	DATE
MARICOPA COUNTY			
NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372			
	DESIGNED	AO	04/2026
	DRAWN	BR	04/2026
	CHECKED	KLH	04/2026
TYLin			
GENERAL PLAN & ELEVATION			SHEET SB02

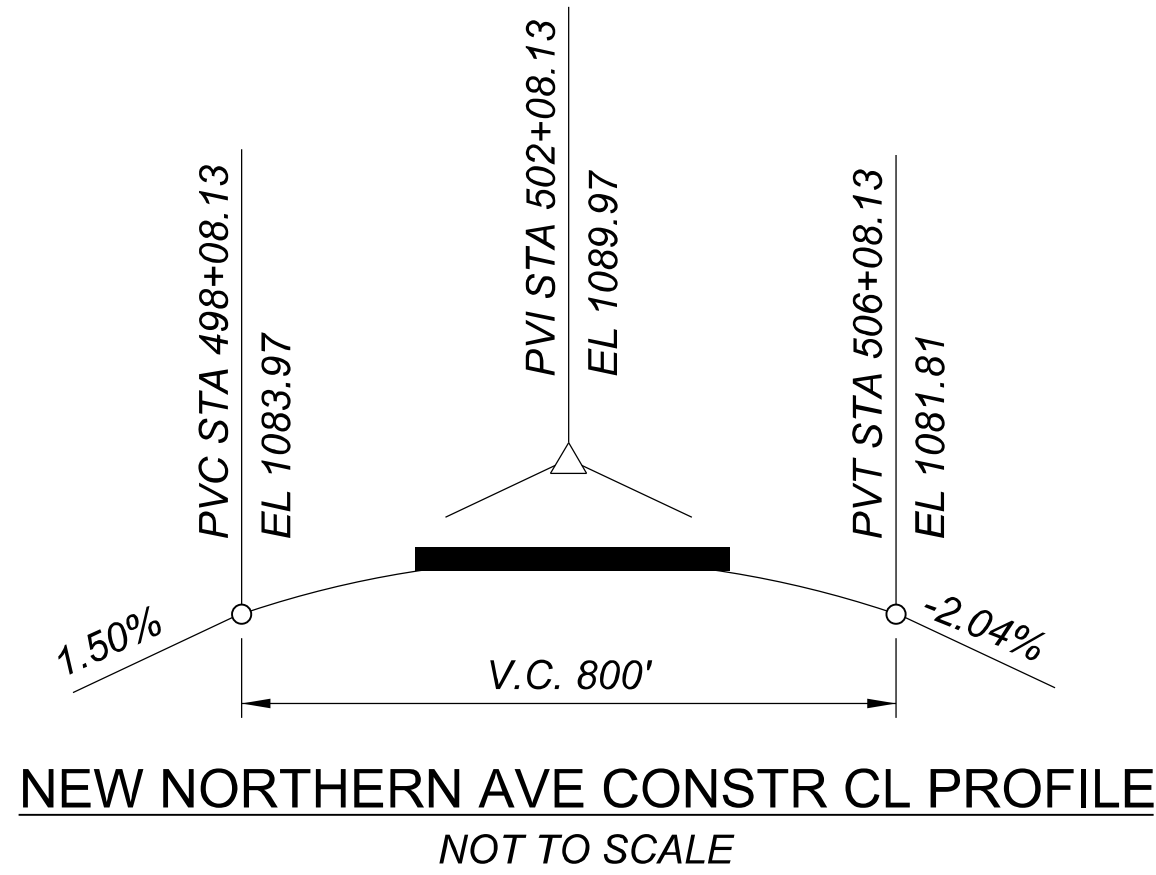
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Brandon Rudolph
OpenRoads Imperial
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7/13/2026
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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	147	224	



TYPICAL SECTION
SCALE: 3/16"=1'-0"



HANGED PIPE NOTE:

STEEL CASING PIPE AND THE WATERLINE PIPE SHALL INCLUDE AT LEAST ONE EXPANSION JOINT WITH EBAA IRON 200 EX-TEND OR APPROVED EQUAL. THE EXPANSION JOINT SHALL ACCOMMODATE MINIMUM 3" MOVEMENT. THE LOCATION OF THE EXPANSION JOINT SHALL BE NEAR BY THE ABUTMENT AND DETERMINED BY THE CONTRACTOR. THE SELECTED EXPANSION DETAIL AND LOCATION SHALL BE SUBMITTED TO REVIEW BEFORE COMMENCING.



NO.	REVISION	BY	DATE
ADDENDUM 2	REVISION	BR	07/2026
MARICOPA COUNTY			
NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372			
	DESIGNED	AO	04/2026
	DRAWN	BR	04/2026
	CHECKED	KLH	04/2026
TYLin			
TYPICAL SECTION			SHEET SB03

TRACS NO.

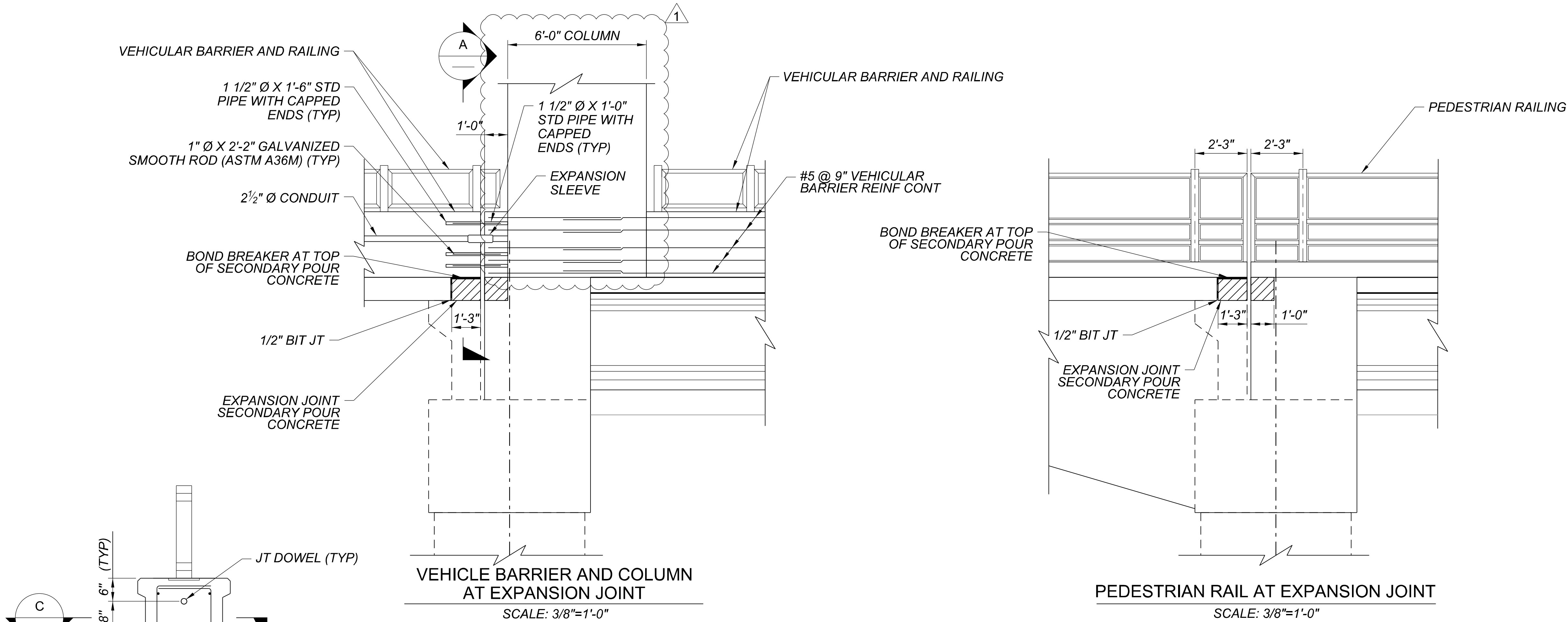
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Brandon Rudolph OpenRoads Imperial

c:\msstyles\brandon.rudolph@tyl.com\d0573062\TT0372_SF_NewRiver_33ard1.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	177	224	



NOTES:
FOR VEHICULAR BARRIER, COLUMN, AND PEDESTRIAN RAILING, SEE AESTHETIC PLANS (BR301-BR308).



ADDENDUM 2 REVISION	BR	07/2026
REVISION	BY	DATE
MARICOPA COUNTY		
NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372		
DESIGNED AO	DATE	04/2026
DRAWN BR	DATE	04/2026
CHECKED KLH	DATE	04/2026
TYLin		
AESTHETIC RAIL DETAILS 1		SHEET SB33

TRACS NO.

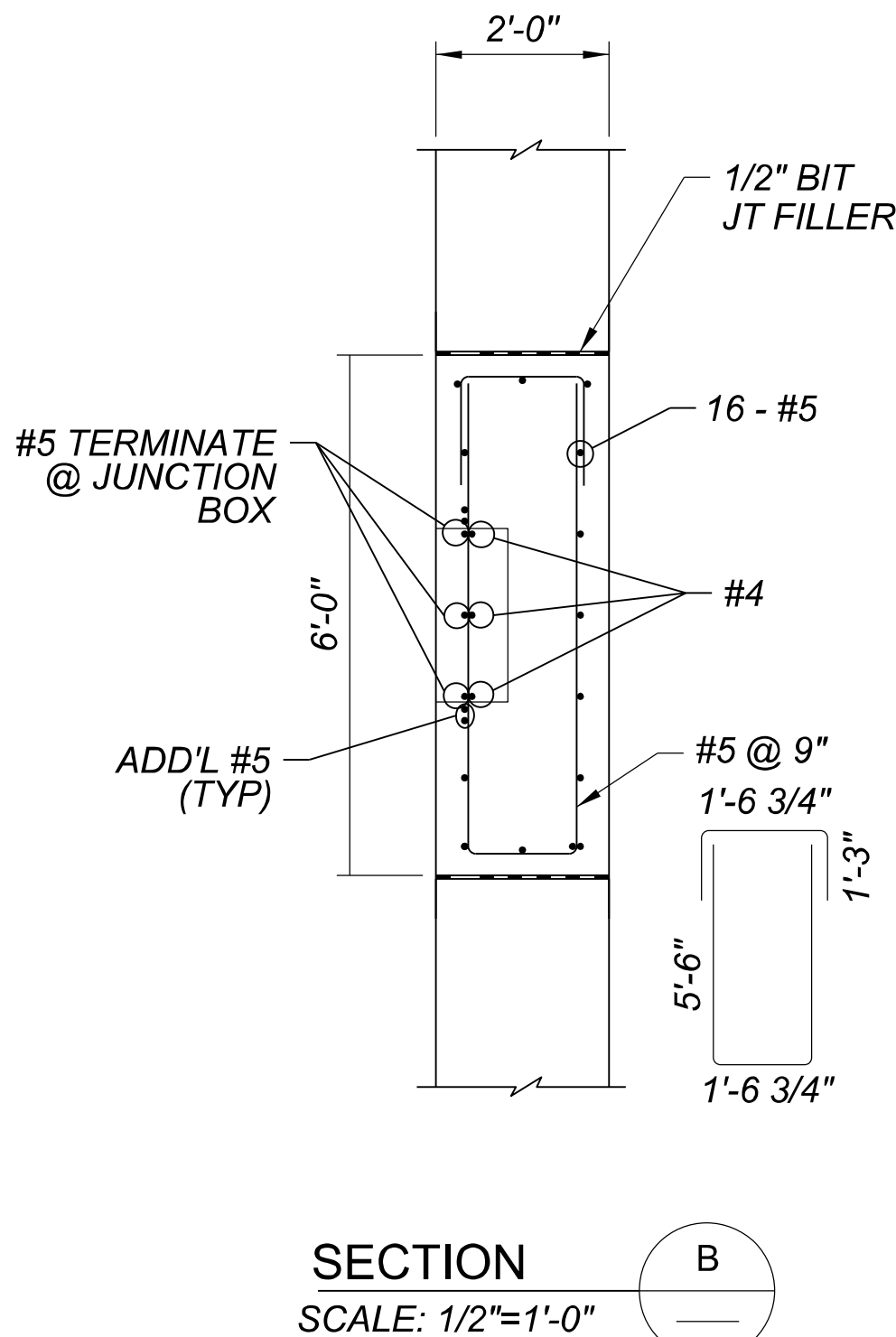
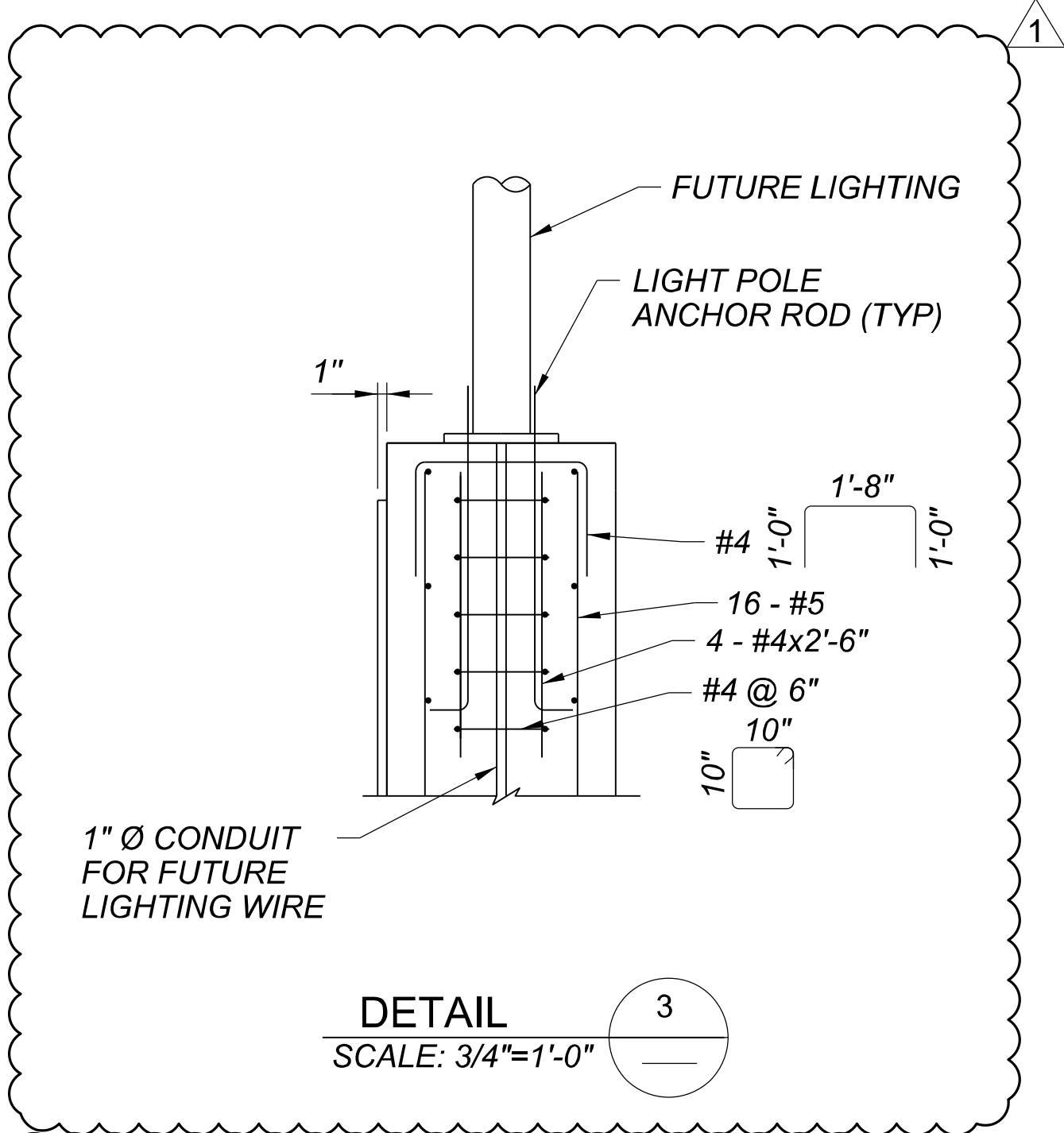
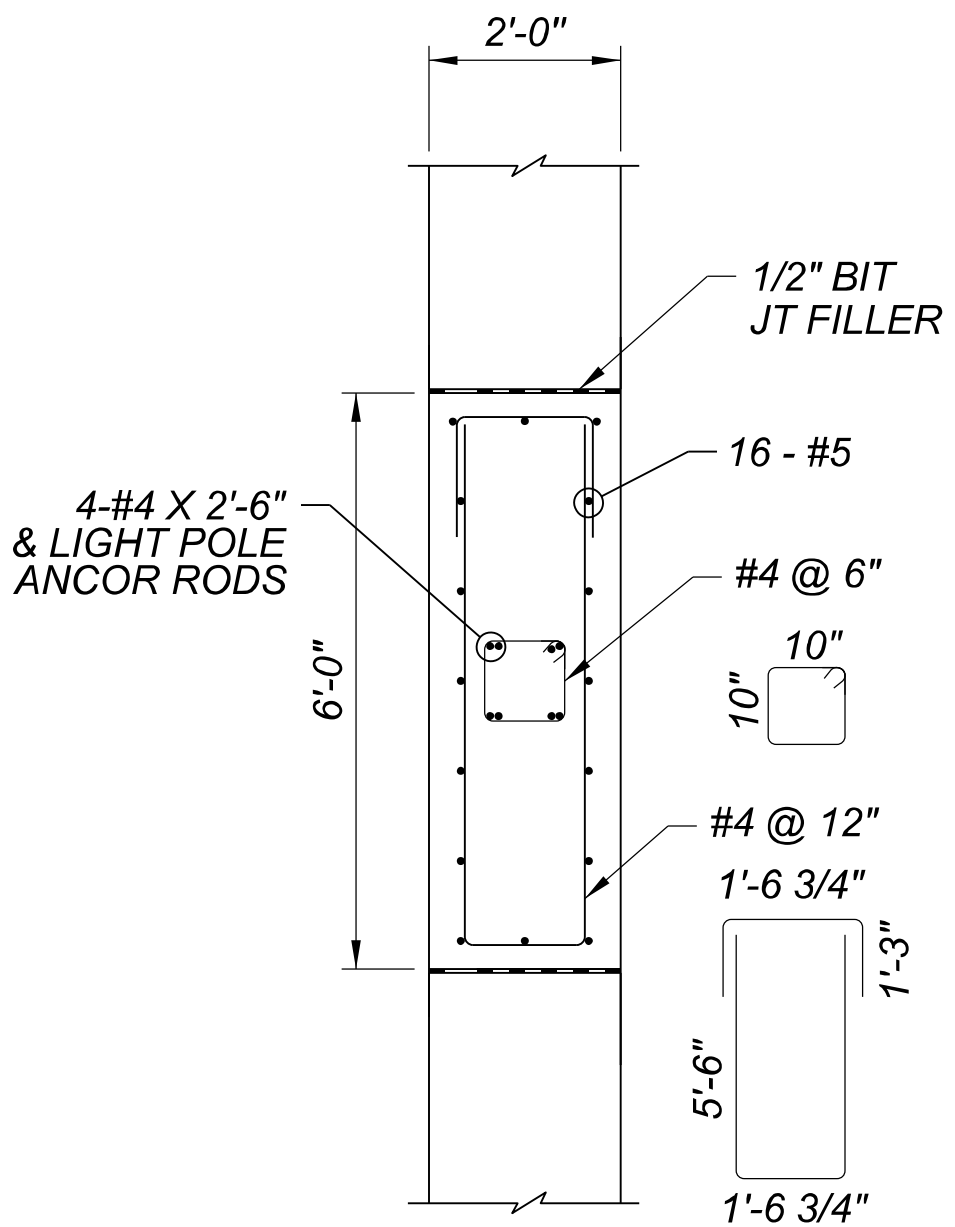
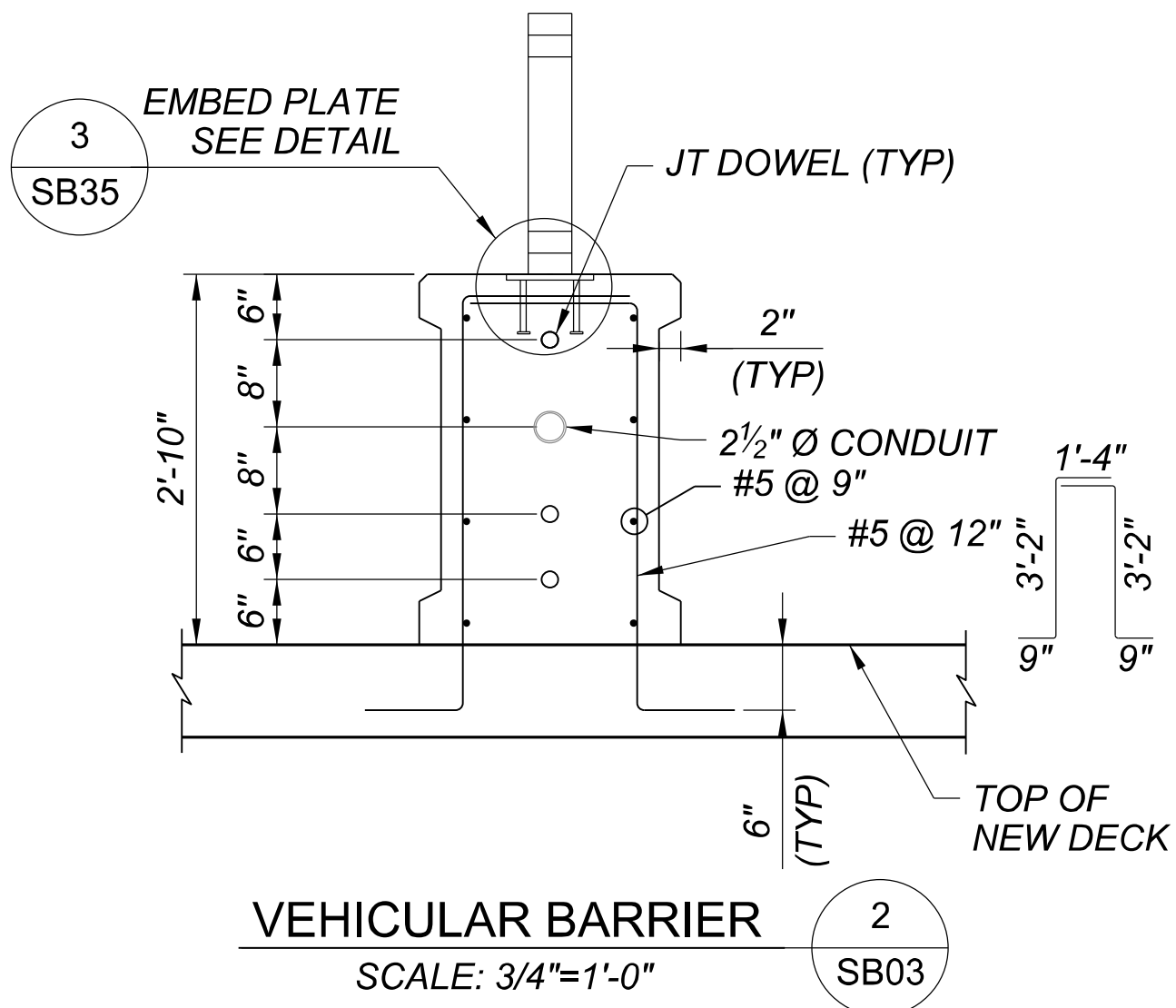
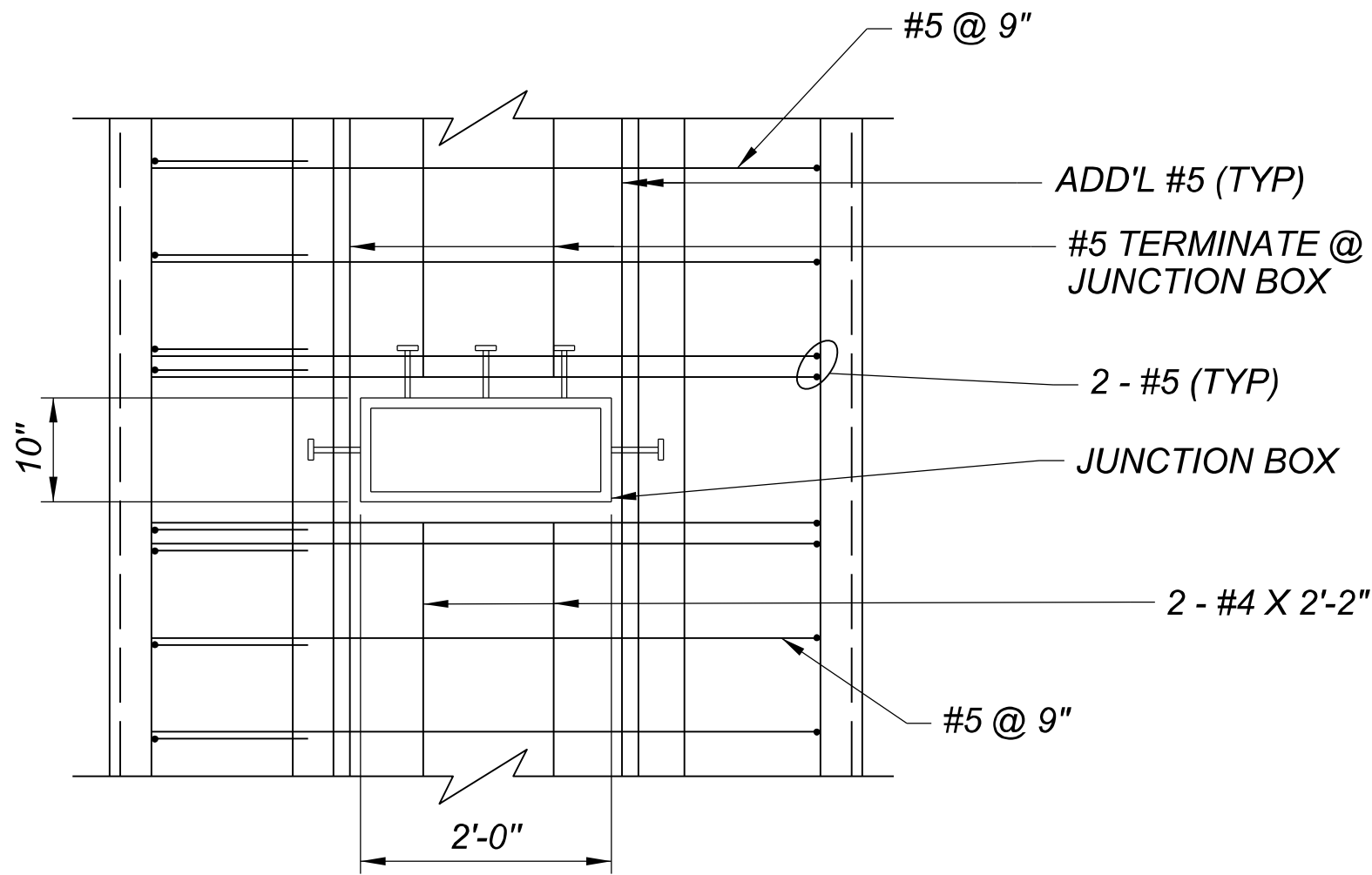
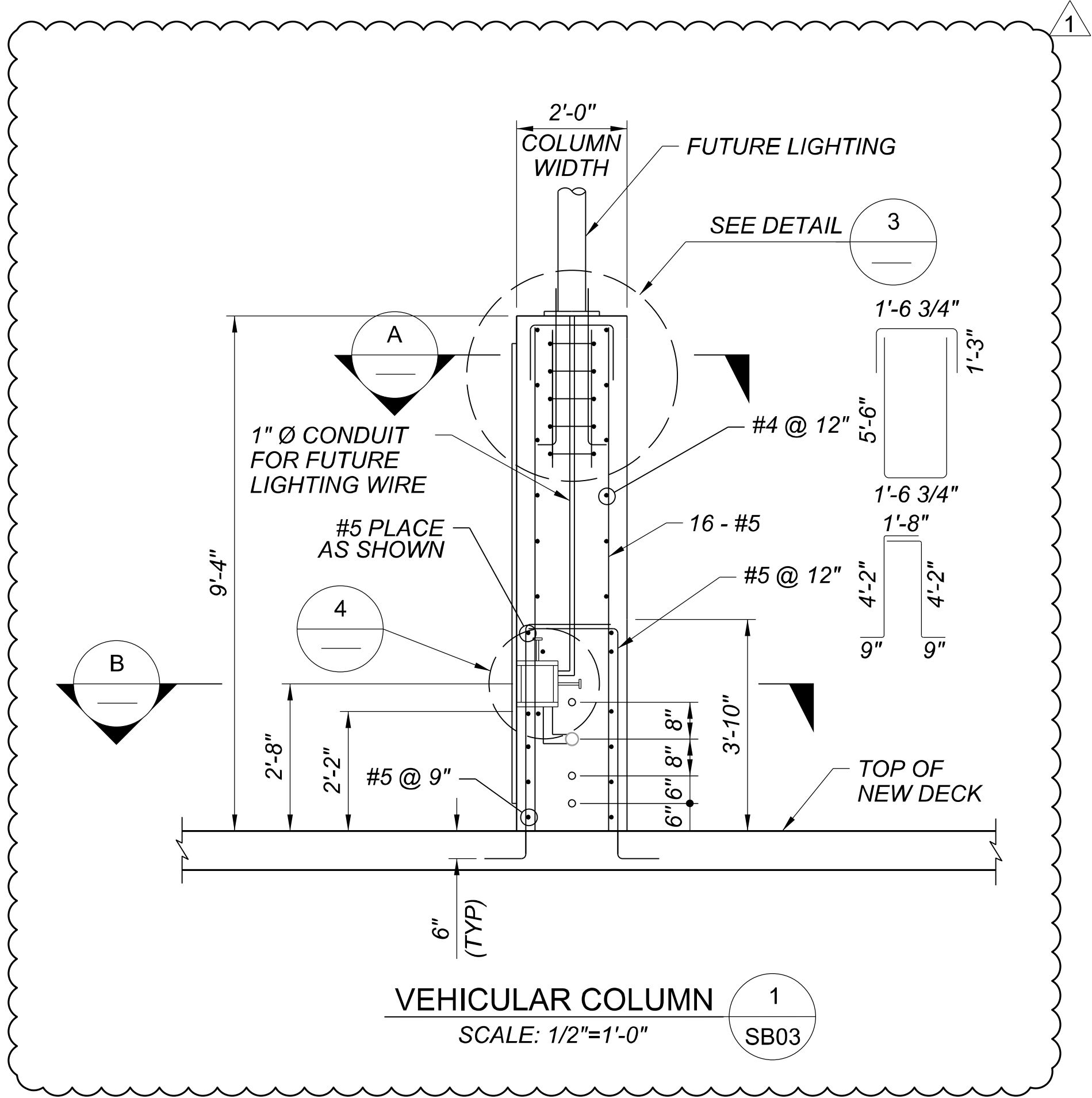
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Brandon Rudolph OpenRoads Imperial

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	178	224	



DOWEL NOTE:
DOWEL SHALL BE #5 REBAR WITH 6 INCH EFFECTIVE EMBEDMENT. DIAMETER AND DEPTH OF THE DRILL HOLE SHALL BE IN ACCORDANCE WITH EPOXY ADHESIVE MANUFACTURER RECOMMENDATIONS. ANCHOR DOWEL IN HOLE WITH AN APPROVED EPOXY ADHESIVE. THE CRACKED BONDING STRENGTH OF THE EPOXY SHALL BE MINIMUM 1,492 PSI. DETAILS OF THE ANCHORAGE SYSTEM SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.



NO.	ADDENDUM 2 REVISION	BR	07/2026
	REVISION	BY	DATE
MARICOPA COUNTY			
NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372			
	DESIGNED	AO	04/2026
	DRAWN	BR	04/2026
	CHECKED	KLH	04/2026
	TYLin		
AESTHETIC RAIL DETAILS 2			SHEET SB34

TRACS NO.

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EROSION CONTROL TYPE INSTALLATION & QUANTITY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	187	224	

[illegible]

- | | | |
|-------|---|--------------------------------------|
| SW-9 | - | 9" Sediment Wattle Slope Protection |
| SW-20 | - | 20" Sediment Wattle Slope Protection |
| SD | - | Sediment Wattle At Storm Drain |
| IP | - | Curb Inlet Protection |
| RP | - | Rock Protection At Storm Drain |
| WP | - | Retaining Wall Rock Protection |
| HP | - | Headwall Rock Protection |
| CE | - | Construction Entrance |

SD	Reference letters 'SD' correspond to the type of installation. 'E2' corresponds to the plan detail number.
E2	

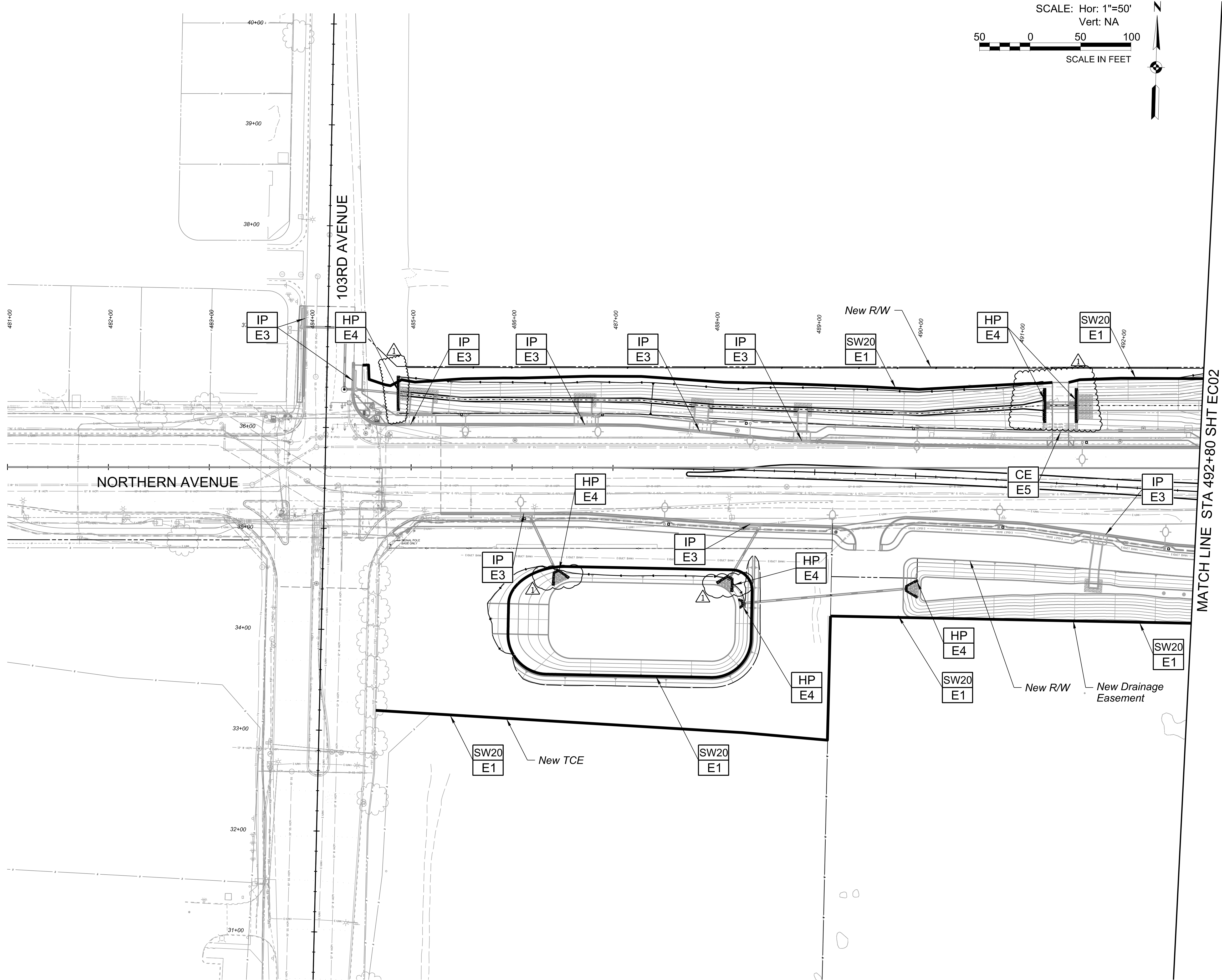
NOTES:

1. The placement of all Erosion Control Devices listed above may be subject to change and may be adjusted by the Engineer.
2. The contractor shall monitor/maintain all "Control Measures" during any shutdown period.
3. Quantities represent both permanent and temporary "Control Measure".



  			
ADDENDUM 2 REVISION		J2	7/15/26
NO. REVISION		BY	DATE
			
MARICOPA COUNTY NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372			
	DESIGNED	BY	DATE
	DRAWN	J2CAD	5/6/2026
	CHECKED	SP	5/6/2026
 J2 Design			
EROSION CONTROL SUMMARY			SHEET ED02

TRACS NO.



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	191	224	

○ EROSION CONTROL ○

Erosion Control Method

IP
E3

SW9 = 9" Sediment Wattle
SW20 = 20" Sediment Wattle
SD = Storm Drain Inlet
IP = Curb Inlet Protection
RP = Rock Protection
WP = Retaining Wall Rock Protection
HP = Headwall Rock Protection
CE = Construction Entrance

Detail Number Reference

NOTES:
1. Contractor shall monitor/maintain all Control Measures during shutdown periods.

Contact Arizona 811 Two Working Days Before You Dig

ARIZONA

Call 811 or Click Arizona811.com

NO.	REVISION	BY	DATE
	ADDENDUM 2 REVISION	J2	7/15/26

MARICOPA COUNTY

NORTHERN PARKWAY
103RD AVENUE TO 91ST AVENUE - PHASE 1
PROJECT NO. TT0372

	BY	DATE
DESIGNED	DM/EN/AL	5/6/2026
DRAWN	J2CAD	5/6/2026
CHECKED	SP	5/6/2026

Registered Landscape Architect

CERTIFICATE NO. 34191

J. SETH PLACKO

Professional Seal

J2 Design

NORTHERN AVENUE - EROSION CONTROL PLAN STA 481+00 TO 492+80		SHEET EC01
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TRACS NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	192	224	

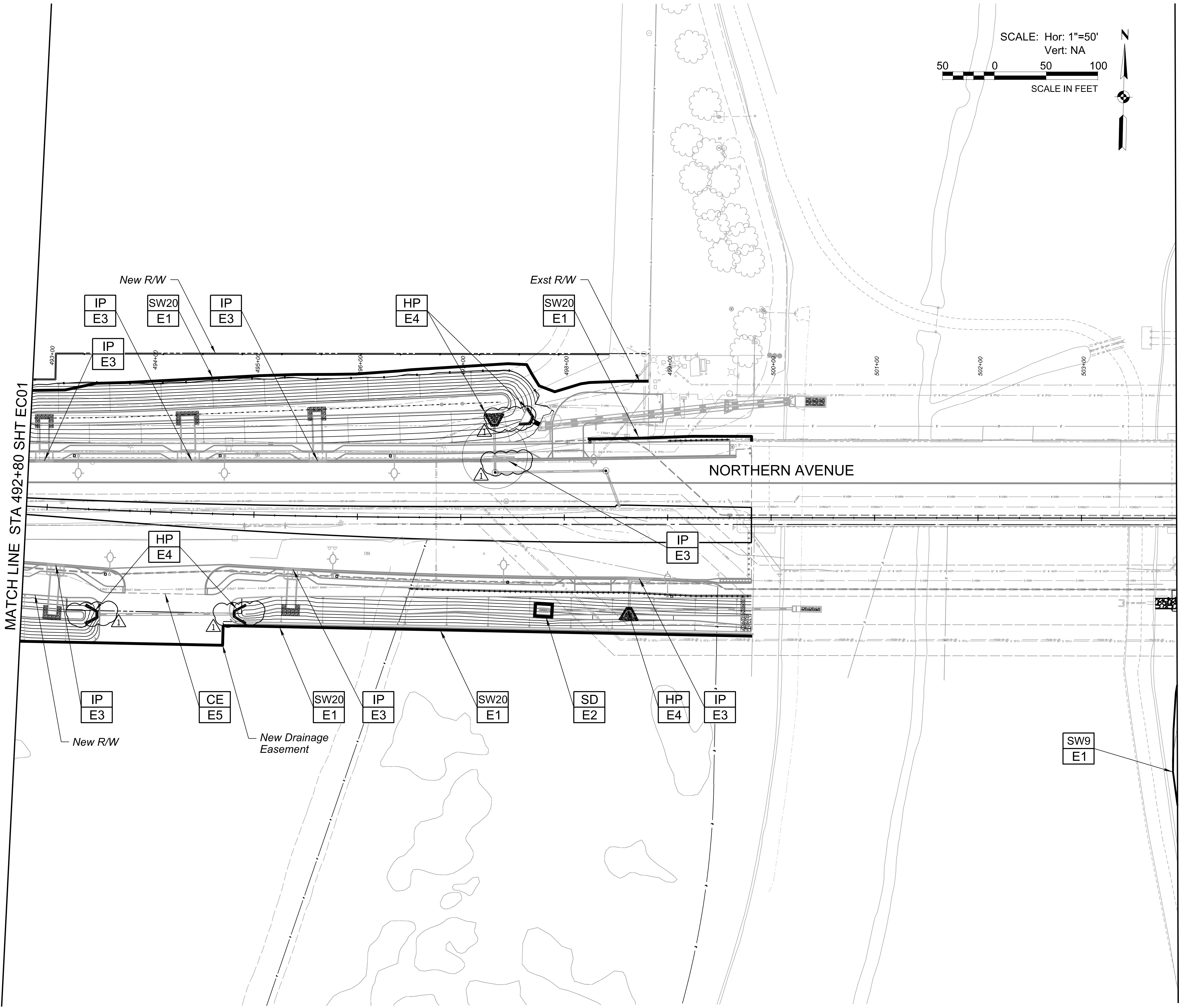
EROSION CONTROL

Erosion Control Method

- IP
E3
- SW9 = 9" Sediment Wattle
 - SW20 = 20" Sediment Wattle
 - SD = Storm Drain Inlet
 - IP = Curb Inlet Protection
 - RP = Rock Protection
 - WP = Retaining Wall Rock Protection
 - HP = Headwall Rock Protection
 - CE = Construction Entrance

Detail Number Reference

NOTES:
1. Contractor shall monitor/maintain all Control Measures during shutdown periods.



NO.	REVISION	BY	DATE
	ADDENDUM 2 REVISION	J2	7/15/26
MARICOPA COUNTY			
NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372			
	DESIGNED	DM/EN/AL	5/6/2026
	DRAWN	J2CAD	5/6/2026
	CHECKED	SP	5/6/2026
NORTHERN AVENUE - EROSION CONTROL PLAN STA 492+80 TO 503+92			SHEET EC02
TRACS NO.			

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	195	224	

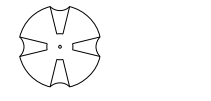
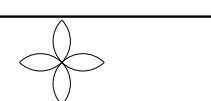
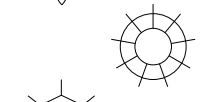
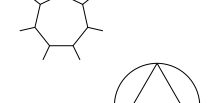
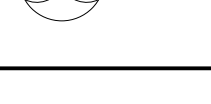
CITY OF PEORIA LANDSCAPE AND IRRIGATION GENERAL NOTES

- ALL LANDSCAPE AND IRRIGATION INSTALLED WITHIN THE PUBLIC RIGHT-OF-WAY OR OTHER CITY MAINTAINED AREAS SHALL BE INSTALLED PER THE APPROVED PLANS. ALL LANDSCAPING APPROVED AS A PART OF THE SITE PLAN PROCESS SHALL BE INSTALLED PER THE APPROVED PLANS. ANY DEVIATIONS TO THE APPROVED PLANS REQUIRE CITY APPROVAL.
- PERMITS ARE REQUIRED FOR ELECTRICAL CONNECTIONS, INCLUDING ELECTRIC METER INSTALLATION, BACKFLOW PREVENTERS,AND WORK WITHIN THE CITY RIGHT-OF-WAY OR CITY DEDICATED PROPERTY. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING THESE PERMITS PRIOR TO THE COMMENCEMENT OF ANY WORK.
- ALL LANDSCAPE PROJECTS REQUIRING CITY MAINTENANCE OR WITHIN THE CITY RIGHT-OF-WAY SHALL BE INSPECTED FOR THE FOLLOWING:
 - PLANT LOCATIONS: THESE LOCATIONS SHALL BE STAKED IN THE FIELD WITH IDENTIFICATION AS TO TREES OR SHRUBS;OR HOLES FOR THE PLANT MATERIALS MAY BE DUG WITH IDENTIFICATION OF PLANT TYPE. USE OF THIS METHOD DOES NOT RELIEVE THE CONTRACTOR OF ANY PLANT RELOCATIONS MADE BY THE CITY.
 - IRRIGATION INSTALLATION: INSPECTIONS SHALL BE MADE AT THE POINT THE IRRIGATION SYSTEM IS INSTALLED. INSPECTIONS OF THE PIPE DEPTH, AUTOMATIC VALVE INSTALLATION AND EMITTER/SPRAY INSTALLATIONS WILL BE MADE.
 - SUBSTANTIAL COMPLETION: AN INSPECTION AT COMPLETION OF THE LANDSCAPE AND IRRIGATION INSTALLATION WILL BE MADE. ANY DEFICIENCIES IN THE INSTALLATION WILL BE NOTED AND CORRECTED BY THE CONTRACTOR DURING THE MAINTENANCE PERIOD.
 - FINAL ACCEPTANCE: A FINAL INSPECTION IS REQUIRED PRIOR TO CITY ACCEPTANCE OF THE LANDSCAPE AND IRRIGATION IMPROVEMENTS.THE ABOVE INSPECTIONS REQUIRE A MINIMUM OF 48-HOURS PRIOR NOTIFICATION TO THE CITY. CALL THE CITY OF PEORIA COMMUNITY DEVELOPMENT DEPARTMENT AT (623) 773-7662 AND LEAVE A MESSAGE INCLUDING THE SUBDIVISION,LOCATION AND TYPE OF INSPECTION TO ARRANGE FOR THESE INSPECTIONS.
- SEPARATE INSPECTIONS ARE REQUIRED FOR THE BACKFLOW PREVENTER AND ELECTRICAL CONNECTIONS. PLEASE SCHEDULE INSPECTION VIA THE PLANNING INSPECTION REQUEST LINECALL (623) 773-7662 A MINIMUM OF 24-HOURS PRIOR.
- LANDSCAPE AND IRRIGATION, WHICH IS INSTALLED ON PRIVATE PROPERTY IN CONJUNCTION WITH A CITY APPROVED SITE PLAN, WILL BE INSPECTED BY THE COMMUNITY DEVELOPMENT DEPARTMENT FOR CONFORMANCE TO THE APPROVED SITE PLAN PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY (C OF O).
- THE LANDSCAPE AND IRRIGATION ALONG THE NORTHERN PARKWAY SIDE STREETS WILL BE MAINTAINED BY THE ADJACENT PROPERTY OWNER AFTER COMPLETION OF THE PLANT ESTABLISHMENT PERIOD PER THE APPROVED PLANS.
- SEE PROJECT SPECIAL PROVISIONS FOR PLANT ESTABLISHMENT SPECIFICATIONS.
- RIGHT-OF WAY AND CITY MAINTAINED AREAS REQUIRE SEPARATE WATER METER CONNECTIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION, COST AND REQUIRED PERMIT FEES FOR THE WATER METER(S) DESIGNATED TO SERVE THE IRRIGATION SYSTEM.
- ALL PLANTINGS AT MATURITY SHALL MAINTAIN A MINIMUM 6'-0" CLEARANCE AROUND ALL FIRE HYDRANTS AND FIRE SUPPRESSION DEVICES.
- PLANTINGS SHALL NOT INTERFERE WITH ANY TRAFFIC CONTROL SIGNS AND SHALL MAINTAIN A MAXIMUM HEIGHT OF 2'-6" WITHIN ANY SIGHT DISTANCE TRIANGLES.
- INSTALLATION OF THE LANDSCAPE AND IRRIGATION SYSTEM INCLUDING ADDITION OF GROUND PLANT MATERIALS SHALL NOT IMPEDE THE FLOW OF DESIGNED DRAINAGE FACILITIES NOR DECREASE THE DESIGN VOLUME OF ANY DETENTION/RETENTION BASINS.
- THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL UNDERGROUND UTILITIES DURING THE LANDSCAPE AND IRRIGATION INSTALLATION.
- ALL TREES SHALL MAINTAIN A MINIMUM OF 6'-0" CLEARANCE FROM ANY CITY WATER OR SEWER LINE. ALL PLANTINGS SHALL MAINTAIN A SUFFICIENT DISTANCE TO ANY SANITARY AND STORM SEWER MANHOLES TO ALLOW ACCESS BY MAINTENANCE VEHICLES.
- A SWALE A MINIMUM OF 6" IN DEPTH SHALL BE PROVIDED IN ALL LANDSCAPE AREAS WITHIN THE CITY RIGHT-OF-WAY PER CITY DETAIL TO PROMOTE WATER HARVESTING.
- ALL PLANTING AREAS (EXCEPT TURF AREAS) SHALL BE TREATED WITH THREE (3) PRE-EMERGENT HERBICIDE APPLICATIONS BY A LICENSED APPLICATOR PRIOR TO AND AFTER THE PLACEMENT OF THE DECOMPOSED GRANITE, RIVER ROCK ETC. AND A THIRD APPLICATION 30 DAYS PRIOR TO FINAL ACCEPTANCE BY CITY OF PEORIA. APPLICATION DOCUMENTATION WILL BE REQUIRED PRIOR TO ACCEPTANCE OF THE LANDSCAPING BY THE CITY.
- AS-BUILT DRAWINGS OF THE LANDSCAPE AND IRRIGATION SYSTEM ARE REQUIRED PRIOR TO ACCEPTANCE BY THE CITY AND FOR PROJECTS WITHIN THE CITY RIGHT-OF-WAY OR CITY OWNED PROPERTY. THE AS-BUILT DRAWINGS SHALL SHOW THE LOCATIONS OF ALL PLANTINGS AND THE DIMENSIONS TO FIXED POINTS OF ALL IRRIGATION EQUIPMENT, PIPING ETC.

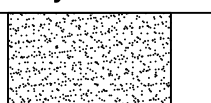
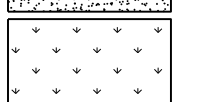
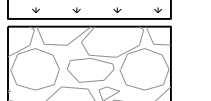
LANDSCAPE PLANTING GENERAL NOTES

- DISCREPANCIES BETWEEN THE DRAWINGS, SPECIFICATIONS AND THE SITE SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR CLARIFICATION BEFORE STARTING ANY WORK.
- NOTIFY "BLUE STAKE" PRIOR TO ANY EXCAVATION. ALL UNDERGROUND UTILITIES MUST BE LOCATED PRIOR TO ANY EXCAVATION AND MANUALLY HAND EXCAVATE IN VICINITY OF UTILITIES.
- DURING PLANT ESTABLISHMENT PERIOD, ALL WEEDS AND UNWANTED GRASSES SHALL BE TREATED WITH POST EMERGENT HERBICIDE AND APPLIED PER MANUFACTURER'S INSTRUCTIONS. REAPPLY AS NECESSARY TO KILL ALL UNWANTED VEGETATION. REMOVE ALL DEAD DEBRIS FROM THE SITE.
- SEE SPECIAL PROVISIONS FOR SCOPE OF LANDSCAPE ESTABLISHMENT WORK REQUIRED WITHIN ADOT RIGHT-OF-WAY.
- SEE SPECIAL PROVISIONS FOR SCOPE OF LANDSCAPE ESTABLISHMENT WORK REQUIRED WITHIN CITY OF PEORIA AND CITY OF GLENDALE RIGHT-OF-WAYS AND PROJECT TEMPORARY CONSTRUCTION EASEMENTS, .

LANDSCAPE LEGEND

Symbol	Botanical / Common Name	Quantity	Size	Remarks
TREES				
	<i>Acacia aneura</i> Mulga	9 EA	24" BOX	Std. Trunk
	<i>Caesalpinia mexicana</i> Mexican Bird of Paradise	5 EA	24" BOX	Std. Trunk
	<i>Chilopsis linearis</i> 'Art's Seedless' Seedless Desert Willow	4 EA	24" BOX	Std. Trunk
	Existing Tree Protect in Place	N/A	N/A	
SHRUBS				
	<i>Caesalpinia pulcherrima</i> Red Bird of Paradise	23 EA	5 Gallon	Full Past Can
ACCENTS				
	<i>Asclepias subulata</i> Desert Milkweed	18 EA	5 Gallon	Full Past Can
	<i>Dasyliirion wheeleri</i> Desert Spoon	7 EA	5 Gallon	Full Past Can
	<i>Euphorbia antispyhilitica</i> Candelilla	29 EA	5 Gallon	Full Past Can
	<i>Hesperaloe funifera</i> Giant Hesperaloe	6 EA	5 Gallon	Full Past Can
	<i>Hesperaloe x Perfu</i> Pink Parade Hesperaloe	29 EA	5 Gallon	Full Past Can

SURFACE MATERIALS LEGEND

Symbol	Description	Quantity
	Decomposed Granite, 2" Depth Size: 1" Screened Color: Gold	24,986 SY 
	Decomposed Granite, 2" Depth Match Existing Size & Color	3,039 SY
	Rip Rap D50 = 6 in (6" Depth)	560 CY

LANDSCAPE QUANTITES SUMMARY

Item	Unit	Quantities
		Glendale
Tree (24" Box)	Each	18
Shrub (5 Gallon)	Each	23
Accents/Cactus (5 Gallon)	Each	89

			
			
			
NO.	ADDENDUM 2 REVISION REVISION	J2 BY	08/26 DATE
  NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372			
		BY	DATE
	DESIGNED	DM/EN/AL	8/03/2026
	DRAWN	J2CAD	8/03/2026
	CHECKED	SP	8/03/2026
			
NORTHERN AVENUE LANDSCAPE LEGEND AND GENERAL NOTES			SHEET LD01

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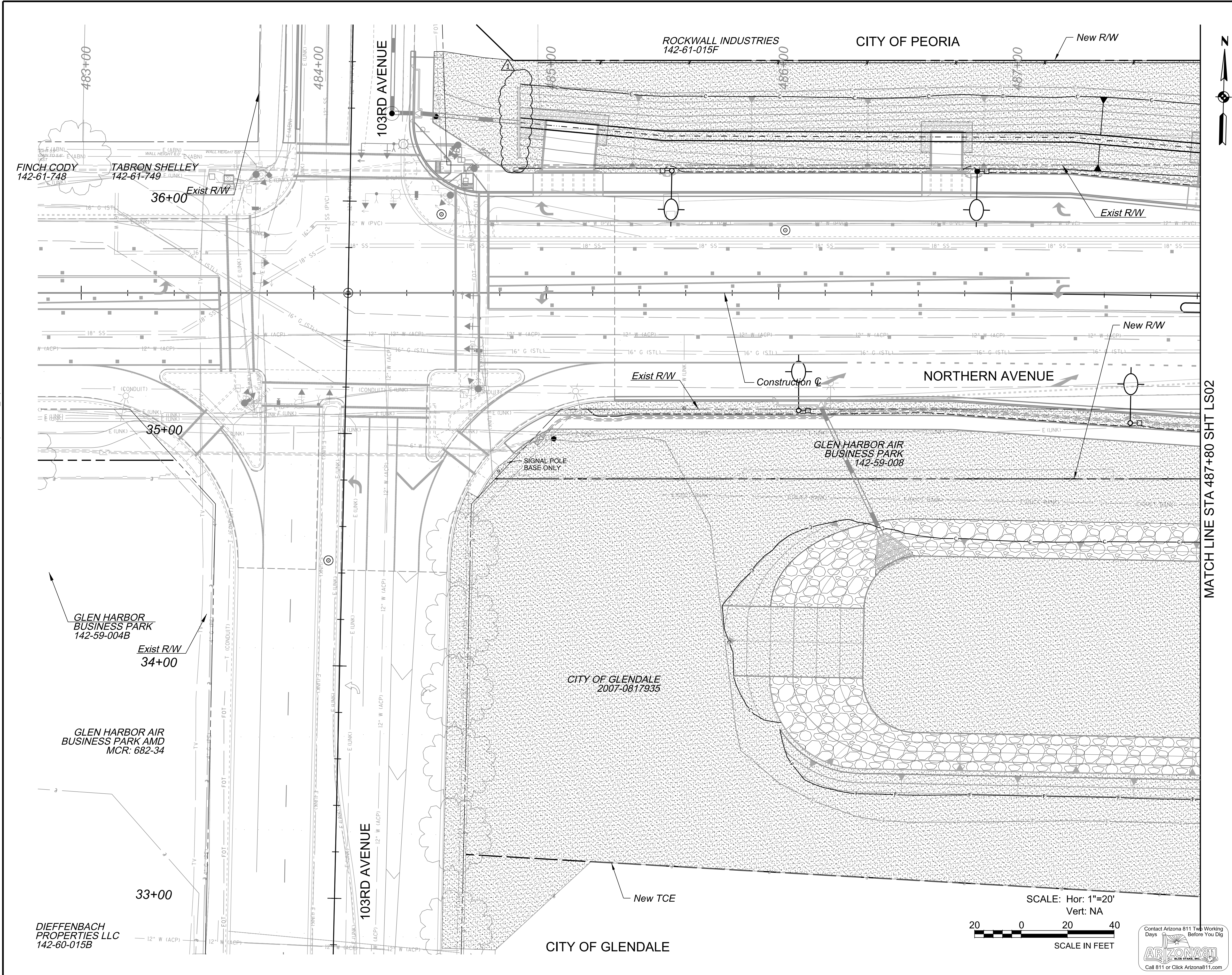
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OpenRoads Imperial

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	199	224	

LANDSCAPE LEGEND

Symbol	Botanical / Common Name	Quantity
TREES		
	Acacia aneura	0 EA
	Mulga	0 EA
	Caesalpinia mexicana	0 EA
	Mexican Bird of Paradise	0 EA
	Chilopsis linearis 'Art's Seedless'	0 EA
	Seedless Desert Willow	0 EA
	Existing Tree - Protect in Place	N/A
SHRUBS		
	Caesalpinia pulcherrima	0 EA
	Red Bird of Paradise	0 EA
ACCENTS		
	Asclepias subulata	0 EA
	Desert Milkweed	0 EA
	Dasylirion wheeleri	0 EA
	Desert Spoon	0 EA
	Euphorbia antispythitica	0 EA
	Candelilla	0 EA
	Hesperaloe funifera	0 EA
	Giant Hesperaloe	0 EA
	Hesperaloe x Perfu	0 EA
	Pink Parade Hesperaloe	0 EA

SURFACE MATERIALS LEGEND

Symbol	Description	Quantity
	Decomposed Granite, 2" Depth 1" Screened Color: Gold	7,965 SY
	Decomposed Granite, 2" Depth Match Existing Size & Color	0 SY
	Rip Rap D50 = 6 in (6" Depth)	130 CY

ADDENDUM 2 REVISION

NO.	REVISION	BY	DATE
J2	08/26		

MARICOPA COUNTY

NORTHERN PARKWAY
103RD AVENUE TO 91ST AVENUE - PHASE 1
PROJECT NO. TT0372

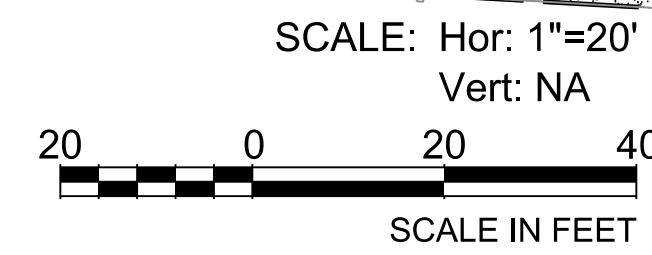
	BY	DATE
DESIGNED	DM/ENAL	8/03/2026
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CHECKED	SP	8/03/2026

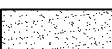
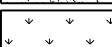
Design

NORTHERN AVENUE - LANDSCAPE PLAN
STA 482+80 TO 487+80

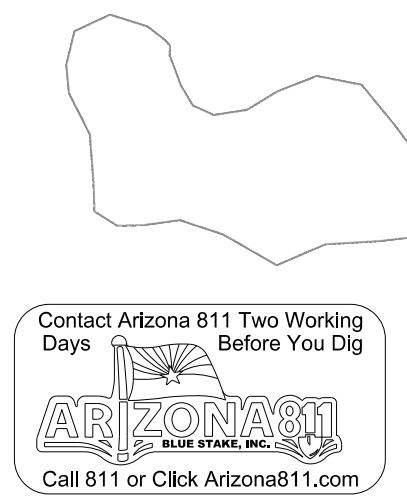
SHEET
LS01

TRACS NO.



SURFACE MATERIALS LEGEND		
Symbol	Description	Quantity
	Decomposed Granite, 2" Depth 1" Screened Color: Gold	6,415 SY 
	Decomposed Granite, 2" Depth Match Existing Size & Color	0 SY
	Rip Rap D50 = 6 in (6" Depth)	45 CY

A horizontal scale bar with alternating black and white segments. It is marked with the numbers 20, 0, 20, and 40 from left to right. Below the bar, the text "SCALE IN FEET" is written.



MATCH LINE STA 492+80 SHT LS03

MARICOPA COUNTY
142-60-009A

- *New TCE*

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	201	224	

LANDSCAPE LEGEND

Symbol	Botanical / Common Name	Quantity
TREES		
	Acacia aneura	0 EA
	Mulga	0 EA
	Caesalpinia mexicana	0 EA
	Mexican Bird of Paradise	0 EA
	Chilopsis linearis 'Art's Seedless'	0 EA
	Seedless Desert Willow	0 EA
	Existing Tree - Protect in Place	N/A

SHRUBS

	Caesalpinia pulcherrima	0 EA
	Red Bird of Paradise	

ACCENTS

	Asclepias subulata	0 EA
	Desert Milkweed	0 EA
	Dasylirion wheeleri	0 EA
	Desert Spoon	0 EA
	Euphorbia antisiphilitica	0 EA
	Candelilla	0 EA
	Hesperaloe funifera	0 EA
	Giant Hesperaloe	0 EA
	Hesperaloe x Pertu	0 EA
	Pink Parade Hesperaloe	0 EA

SURFACE MATERIALS LEGEND

Symbol	Description	Quantity
	Decomposed Granite, 2" Depth	5,258 SY
	1" Screened Color: Gold	0 SY
	Decomposed Granite, 2" Depth Match Existing Size & Color	0 SY
	Rip Rap D50 = 6 in (6" Depth)	0 CY

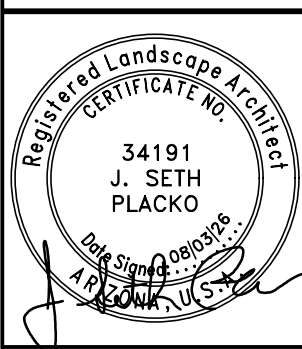


NO.	REVISION	BY	DATE
	ADDENDUM 2 REVISION	J2	08/26

MARICOPA COUNTY



NORTHERN PARKWAY
103RD AVENUE TO 91ST AVENUE - PHASE 1
PROJECT NO. TT0372



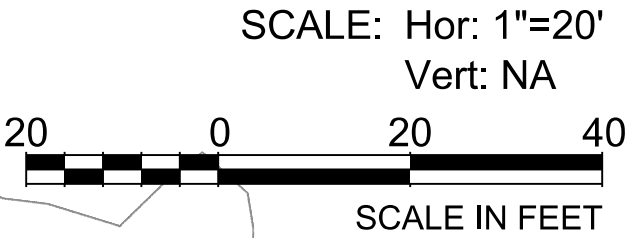
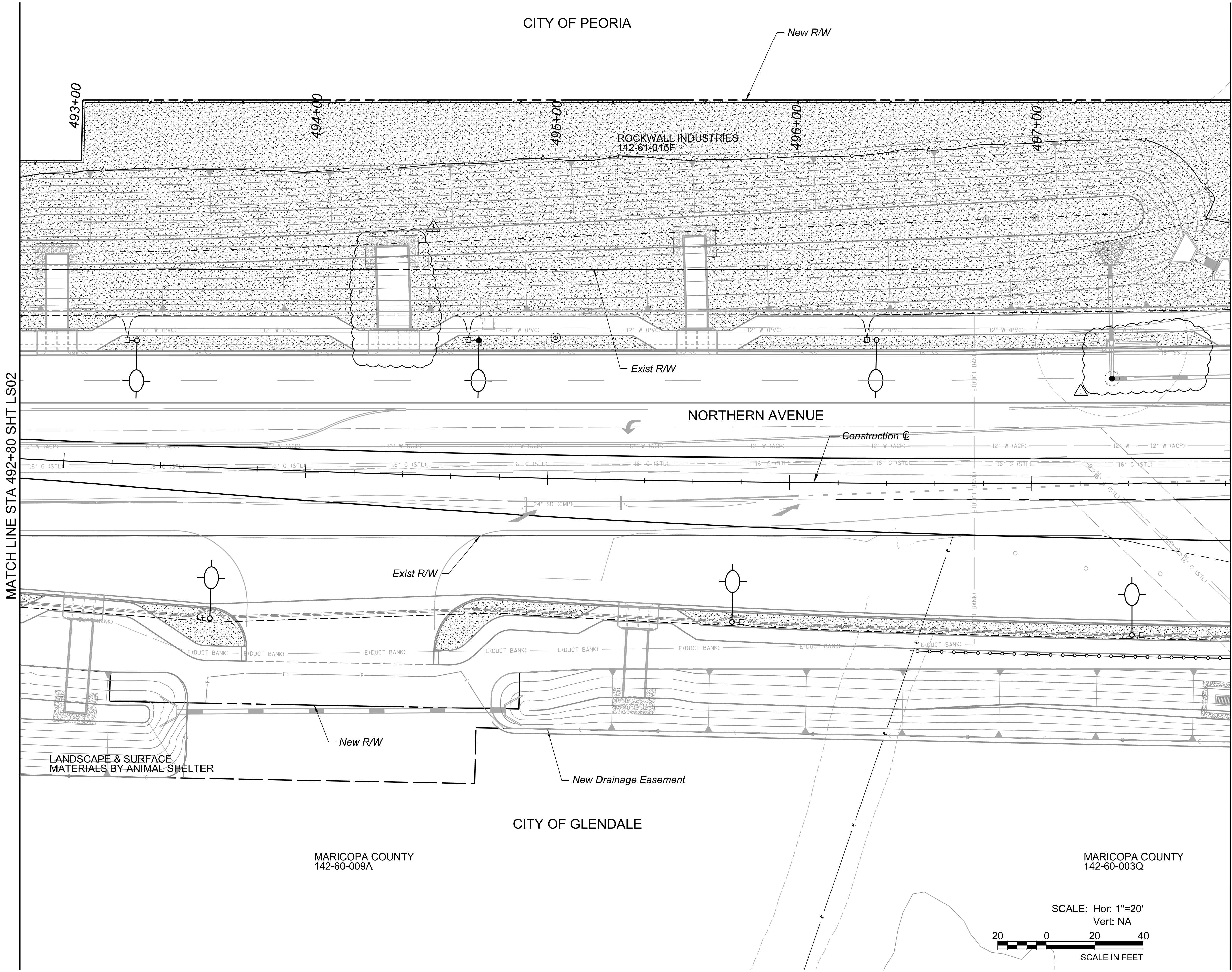
	BY	DATE
DESIGNED	DM/ENAL	8/03/2026
DRAWN	J2CAD	8/03/2026
CHECKED	SP	8/03/2026



NORTHERN AVENUE - LANDSCAPE PLAN
STA 492+80 TO 497+80

SHEET
LS03

TRACS NO.



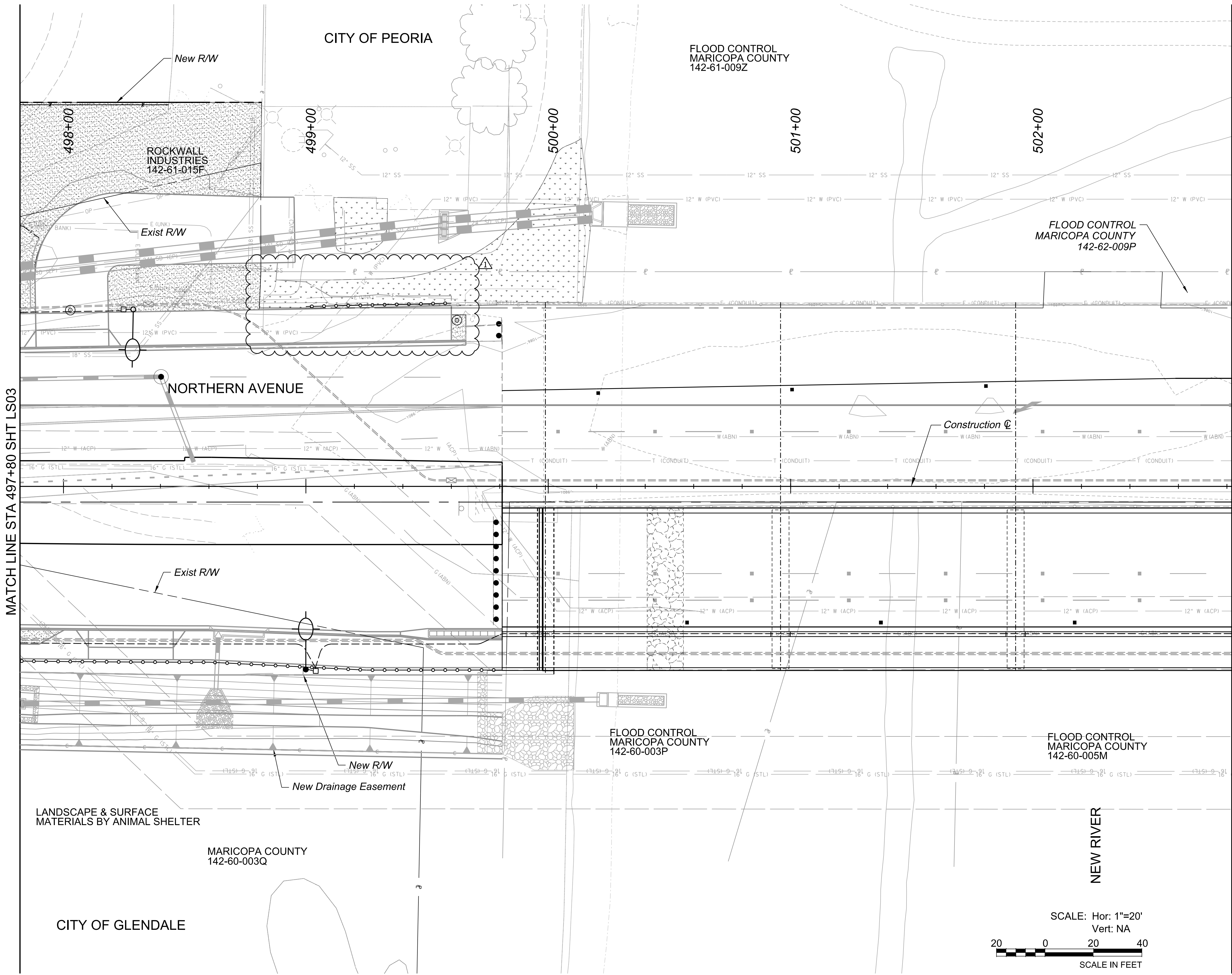
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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	202	224	

LANDSCAPE LEGEND

Symbol	Botanical / Common Name	Quantity
TREES		
	Acacia aneura	0 EA
	Mulga	0 EA
	Caesalpinia mexicana	0 EA
	Mexican Bird of Paradise	0 EA
	Chilopsis linearis 'Art's Seedless'	0 EA
	Seedless Desert Willow	0 EA
	Existing Tree - Protect in Place	N/A
SHRUBS		
	Caesalpinia pulcherrima	0 EA
	Red Bird of Paradise	0 EA

ACCENTS

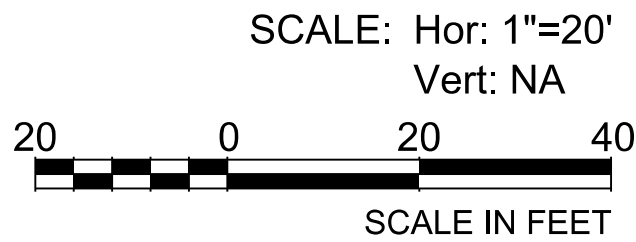
	Asclepias subulata	0 EA
	Desert Milkweed	0 EA
	Dasylirion wheeleri	0 EA
	Desert Spoon	0 EA
	Euphorbia antispyllitica	0 EA
	Candelilla	0 EA
	Hesperaloe funifera	0 EA
	Giant Hesperaloe	0 EA
	Hesperaloe x Perfu	0 EA
	Pink Parade Hesperaloe	0 EA

SURFACE MATERIALS LEGEND

Symbol	Description	Quantity
	Decomposed Granite, 2" Depth	621 SY
	1" Screened Color: Gold	448 SY
	Decomposed Granite, 2" Depth Match Existing Size & Color	0 CY
	Rip Rap D50 = 6 in (6" Depth)	0 CY



NO.	ADDENDUM 2 REVISION	J2	08/26
	REVISION	BY	DATE
MARICOPA COUNTY NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372			
Registered Landscape Architect 34191 J. SETH PLACKO Professional Seal	DESIGNED	DM/EN/AL	8/03/2026
	DRAWN	J2CAD	8/03/2026
	CHECKED	SP	8/03/2026
Design NORTHERN AVENUE - LANDSCAPE PLAN STA 497+80 TO 502+80			SHEET LS04
TRACS NO.			



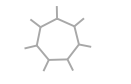
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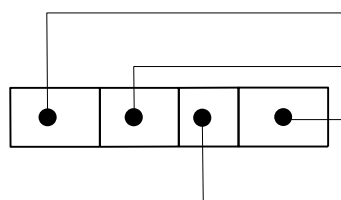
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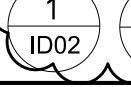
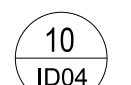
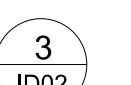
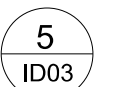
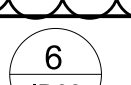
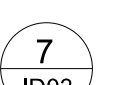
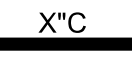
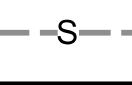
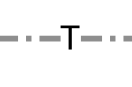
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EMITTER SCHEDULE			
SYM:	SPECIES:	QUANTITY / TYPE	OUTLETS / VOLUME
TREES			
	Acacia aneura Mulga	1 / MULTI	4 / 2 GPH
	Caesalpinia mexicana Mexican Bird of Paradise	1 / MULTI	4 / 2 GPH
	Chilopsis linearis 'Art's Seedless' Seedless Desert Willow	1 / MULTI	6 / 2 GPH
	Existing Tree Protect in Place	1 / MULTI	6 / 2 GPH
SHRUBS			
	Caesalpinia pulcherrima Red Bird of Paradise	1 / MULTI	2 / 1 GPH
ACCENTS			
	Asclepias subulata Desert Milkweed	1 / MULTI	1 / 1.0 GPH
	Dasylirion wheeleri Desert Spoon	1 / MULTI	1 / 1.0 GPH
	Euphorbia antispyhilitica Candelilla	1 / MULTI	1 / 0.5 GPH
	Hesperaloe funifera Giant Hesperaloe	1 / MULTI	1 / 1.0 GPH
	Hesperaloe x Perfu Pink Parade Hesperaloe	1 / MULTI	1 / 1.0 GPH

VALVE KEY LEGEND:	
	CONTROLLER LETTER - STATION NUMBER VALVE SIZE VALVE FLOW IN GPM ("UNK" = UNKNOWN DUE TO EXISTING FLOWS INCLUDED) ZONE TYPE: TREES = DRIP TO TREES SHRUBS = DRIP TO SHRUBS

- NOTES:
- INSTALL NEW CONTROL WIRES AT 18" MINIMUM COVER WITH 3" WIDE WHITE COLOR DETECTABLE MARKING TAPE AT 12"-15" DEPTH IF NOT INSTALLED WITH MAINLINE OR IN CONDUIT.
 - COP = CITY OF PEORIA
COG = CITY OF GLENDALE

IRRIGATION LEGEND			
DETAIL:	SYMBOL:	DESCRIPTION:	PROJECT QUANTITIES:
		EXISTING WATER METER PROTECT IN PLACE	N/A
		EXISTING BACKFLOW ASSEMBLY PROTECT IN PLACE	N/A
		RELOCATED WATER METER (COP)- RELOCATE AND INSTALL WATER METER PER CITY OF PEORIA STD DTL PE-363- SEE SHEET IR04 FOR NEW WATER METER LOCATION AND EXISTING WATER METER LOCATION.	RELOC 1" = 1
		NEW 1.0" BACKFLOW PREVENTER ASSEMBLY (COP)- INSTALL PER CITY OF PEORIA STD DTL PE-352-1	1 EA
		RELOCATED WATER METER (COG) -RELOCATE AND INSTALL WATER METERS PER CITY OF GLENDALE STD DTL 642- SEE SHEET IR05 FOR NEW WATER METER LOCATION.	RELOC 1.5" = 1
		NEW 1.5" BACKFLOW PREVENTER ASSEMBLY (COG)- INSTALL PER CITY OF GLENDALE STD DTL G-669 & G-673	1 EA
	NOT SHOWN	HUNTER NODE-200 2-STATION BATTERY OPERATED CONTROLLER (COG). WIRE TO EXISTING VALVE USING 3M DIRECT BURY SPLICE KIT DBR/Y-6 WIRE CONNECTORS.	1 EA
		IRRIGATION CONTROLLER ASSEMBLY 'F' (COP): CALSENSE CS3000 CS3-8-S1-GR-KIT-GR-STUBBY-COMM-5YR-CS3-2WIRE-OPT = 16 STATION CONVENTIONAL WIRE IRRIGATION CONTROLLER (CS3-8), HEAVY DUTY STAINLESS STEEL PEDESTAL ENCLOSURE WITH ONE STUBBY ANTENNA HOLE (S1), CELLULAR MODEM (GR-KIT) TO COMMUNICATE WITH C.O.P. CENTRAL CONTROL WITH CELLULAR STUBBY ANTENNA(GR-STUBBY) WITH 5 YEAR COMMUNICATION SERVICE (COMM-5YR), 2-WIRE TERMINAL WIT COVER (CS3-2WIRE-OPT). 3M SCOTCHCAST #3570G CONNECTOR PACKS OR SPEARS DRI-SPLICE #DS-100 WITH #DS-300 SEALANT WIRE CONNECTORS, ALL CONDUITS, 2500 PSI CONCRETE PAD, & GROUNDING WITH #6 SOLID WIRE & 5/8" x 8" COPPER GROUND ROD PER MANUFACTURER'S SPECIFICATIONS; INSTALL #14 AWG WIRES FROM CONTROLLER TO NEW MATER VALVE & FLOW SENSOR (WIRE COLORS TO MATCH THOSE OF MV & FS); CONTRACTOR TO FIELD STAKE NEW CONTROLLER LOCATIONS FOR APPROVAL BY CITY OR CITY REP PRIOR TO CONSTRUCTION. EXTEND POWER SUPPLY FROM NEW APS ELECTRIC METER TO NEW CONTROLLER AS REQUIRED AND PER ALL APPLICABLE ELECTRICAL CODES.	1 EA
		MASTER VALVE AND FLOW SENSOR ASSEMBLY (COP): 1" NORMALLY CLOSED RAINBIRD 100-PESB-R VALVE WITH GLASS FILLED NYLON GLOBE STYLE BODY RATED TO 200 PSI; CHRISTY'S MAXI YELLOW SINGLE SIDED ID TAG ONE SIDE BY MANUF. & 'MV' WRITTEN ON OTHER SIDE BY CONTRACTOR; WIRES & WIRE CONNECTORS PER CALSENSE CONTROLLER DESCRIPTION ABOVE; INSTALL IN CARSON #1220 JUMBO TAN COLOR VALVE BOX WITH BOLT DOWN T-COVER EMBOSSED WITH LETTERS 'MV'. FLOW SENSOR: 1" CALSENSE #FM-1U = SCH 80 PVC TEE MOUNTED ULTRASONIC FLOW SENSOR CAPABLE OF FLOWS BETWEEN .22 - 33 GPM; WIRES & WIRE CONNECTORS PER CONTROLLER DESCRIPTION ABOVE; INSTALL IN CARSON #910 TAN COLOR 10" ROUND VALVE BOX WITH BOLT DOWN T-COVER.	MV= 1 EA FS= 1 EA
		NEW ELECTRIC METER PER APS REQUIREMENTS	2 EA
		ISOLATION GATE VALVE ASSEMBLY (COP): 1.5" NIBCO T-113-K BRONZE SOLID WEDGE LINE SIZE GATE VALVE WITH 2" CROSS HANDLE AND NON-RISING STEM.	2 EA
		DRIP REMOTE CONTROL VALVE ASSEMBLY (COP): 1" RAINBIRD DRIP CONTROL ZONE KIT #XCZ-100-PRB-LC WITH FLOW RANGE OF 0.3 - 20 GPM = 1" PEB SERIES VALVE WITH GLASS FILLED NYLON GLOBE STYLE BODY; 1" PRESSURE REGULATING BASKET SET TO 40 PSI WITH 200 MESH STAINLESS STEEL SCREN; SPEARS #2000 INDUSTRIAL SERIES PVC TRUE UNION FULL PORT BALL VALVE WITH SxS CONNECTIONS RATED TO 235 PSI; CHRISTY'S MAXI YELLOW SINGLE SIDED ID TAG WITH CONTROLLER LETTER-STATION #-VALVE TYPE INFO WRITTEN ON SIDE BY CONTRACTOR; CONTROL WIRES TO MATCH EXISTING WIRES. WIRE CONNECTORS TO BE 3M DBR/Y; INSTALL GLENDALE VALVES IN CARSON #1324 SUPER JUMBO TAN COLOR VALVE BOX WITH BOLT DOWN T-COVER; INSTALL PEORIA VALVE IN RAINBIRD STANDARD SERIES GOLF VALVE BOX WITH BOLT DOWN LID. EMBOSSED WITH SAME CONTROLLER LETTER-STATION #-VALVE TYPES INFO AS ON ID TAG	1.0"= 2 EA
		EXISTING REMOTE CONTROL VALVE ASSEMBLY: PROTECT IN PLACE	N/A
	NOT SHOWN	MULTI-OUTLET EMITTER (COG): HUNTER SIX PORT PRESSURE COMPENSATING EMITTER #MPE-20 RED COLOR 2.0 GPH FLOW EACH OUTLET WITH 1/2" FPT INLET; INSTALL ON 1/2" PVC FLEX RISER; INSTALL IN NDS #107BC 6" ROUND SAND COLOR EMITTER BOX; EMITTER (DISTRIBUTION) TUBES SHALL BE VINYL	62
		DRIP LATERAL FLUSH END CAP ASSEMBLY (COP & COG): 3/4" FLEX RISER WITH PVC SCH 40 MALE ADAPTER (3/4 MHT x 3/4 SLIP) WITH 3/4" SCH 40 PVC FHT THREADED CAP; IN 10" ROUND CARSON #910 TAN COLOR VALVE BOX WITH BOLT DOWN T-COVER - TWO FLUSH CAPS MAY SHARE SAME VALVE BOX IF LOCATED IN SAME VICINITY	N/A
		IRRIGATION MAINLINE PIPE (COP & COG): WHITE COLOR SCHEDULE 40 PVC SOLVENT WELD WITH SCHEDULE 80 PVC FITTINGS , SIZE PER PLAN	1.5" = 1,575 LF
		SHRUB / ACCENT DRIP LATERAL PIPE (COG): 3/4" STANDARD WHITE COLOR SCHEDULE 40 PVC SOLVENT WELD WITH SCHEDULE 40 PVC FITTINGS	935 LF
		TREE DRIP LATERAL PIPE (COG): 3/4" STANDARD WHITE COLOR SCHEDULE 40 PVC SOLVENT WELD WITH SCHEDULE 40 PVC FITTINGS	543 LF
		PIPE SLEEVES (PS): 3", 6" & 8" SLEEVES SHALL BE STANDARD WHITE COLOR SCHEDULE 40 PVC, INSTALL AT DEEPEST PIPE DEPTH WITHIN TRENCH OR AT 36" MINIMUM COVER WHEN UNDER VEHICULAR DRIVING SURFACE- SEE SLEEVE SUMMARY SHEET ID31 FOR SLEEVE MATERIAL & SIZE	3" = 14 LF 6" = 311 LF

PEORIA GENERAL IRRIGATION NOTES:

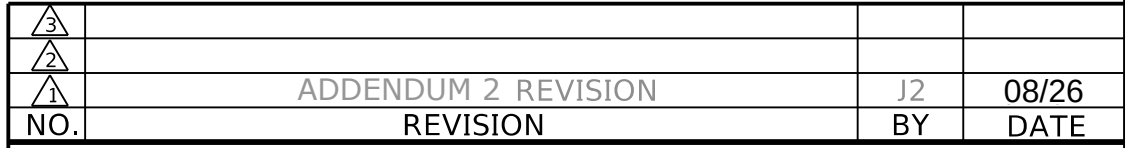
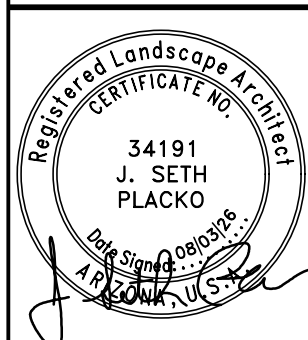
- ALL IRRIGATION EQUIPMENT TO BE INSTALLED PER IRRIGATION DETAILS AND PER MANUFACTURER'S SPECIFICATIONS.
- ALL ITEMS TO BE BID AS NOTED OR AS AN APPROVED EQUAL. NO SUBSTITUTIONS SHALL BE ALLOWED UNLESS PRIOR APPROVAL IS OBTAINED IN WRITING FROM THE OWNER'S REPRESENTATIVE.
- ALL VALVE BOXES SHALL INCLUDE STAINLESS STEEL BOLT-DOWN OR LOCKABLE T-STYLE COVERS WITH EMBOSSED LETTERS AS NOTED IN DETAILS (EXCEPT EMITTER BOXES). VALVE BOXES AND COVERS SHALL BE TAN COLOR.
- CONTRACTOR TO INSTALL TRACER WIRE ON ALL IRRIGATION MAINLINE.
- EXISTING ON-SITE IRRIGATION SYSTEM SHALL REMAIN PROTECTED IN PLACE UNLESS OTHERWISE NOTED OTHERWISE ON PLANS.

PEORIA EMITTER NOTES

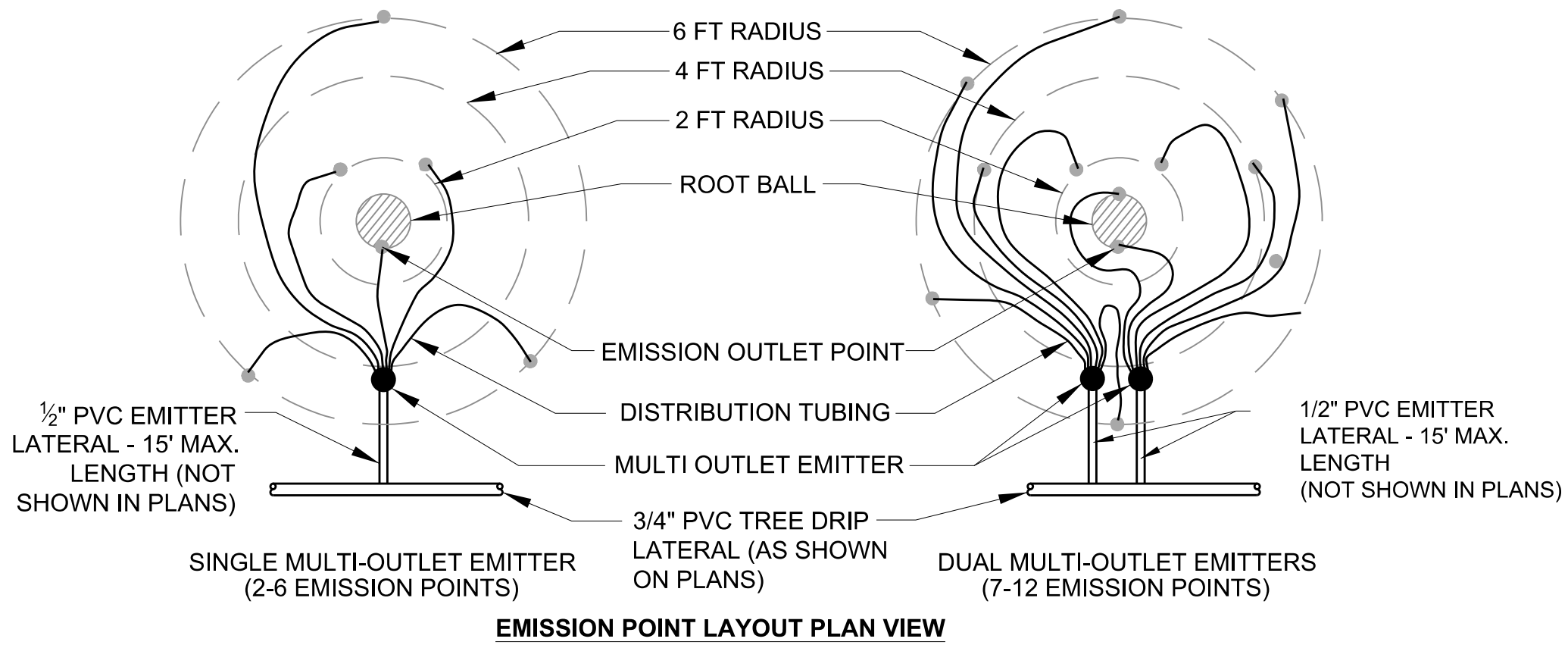
- SEE 'EMITTER SCHEDULE FOR EMITTER FLOWS & QUANTITIES PER PLANT. SEE EMITTER DETAILS FOR REQUIRED LAYOUT.
- DO NOT SUBSTITUTE SINGLE PORT EMITTERS FOR MULTI PORT EMITTERS ON CITY OF PEORIA SYSTEMS. INSTALL EMITTERS PER EMITTER SCHEDULE ONLY.
- LOCATE ALL EMITTERS UPHILL OF PLANT WHEN ON A SLOPE.
- ALL TREE EMITTER (DISTRIBUTION) TUBES SHALL BE VISIBLE AND CUT 1" MINIMUM TO 2" MAXIMUM ABOVE FINISH GRADE OF DECOMPOSED GRANITE AS SHOWN PER DETAIL.
- ALL SHRUB / ACCENT SINGLE EMITTERS SHALL BE VISIBLE WITH EMITTER INSTALLED ABOVE FINISH GRADE OF DECOMPOSED GRANITE AS SHOWN PER DETAIL.
- ALL MULTI-PORT EMITTERS ARE TO BE INSTALLED IN EMITTER BOXES TO ALLOW FUTURE SERVICE. DO NOT KINK EMITTER TUBES.

IRRIGATION RESTORATION AREA NOTE:

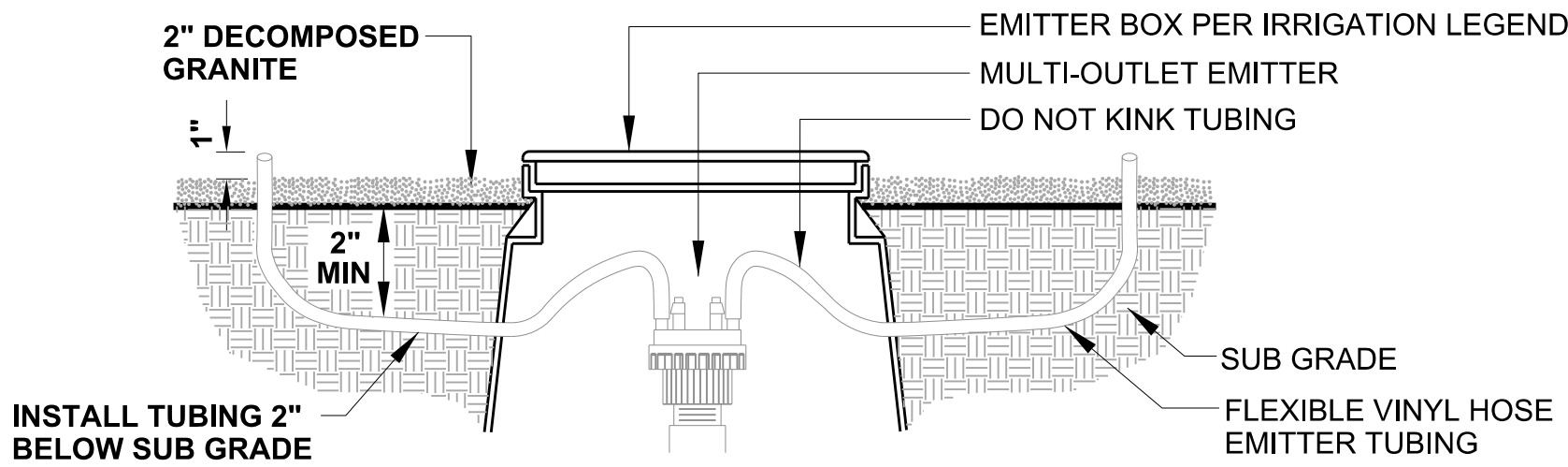
THE CONTRACTOR SHALL CUT & CAP, RECONNECT, REROUTE, OR REPLACE THE EXISTING IRRIGATION SYSTEM TO ALL DISTURBED AREA DUE TO NEW CONSTRUCTION. PRIOR TO ANY CONSTRUCTION ACTIVITIES, THE GENERAL CONTRACTOR SHALL STAKE AREAS THAT ARE DESIGNATED TO BE DISTURBED. CONTRACTOR SHALL ADD ANY EQUIPMENT NECESSARY TO GUARANTEE 100% COVERAGE TO ALL EXISTING PLANT MATERIAL. THE GENERAL CONTRACTOR AND CITY REPRESENTATIVE IS TO INSPECT THE EXISTING IRRIGATION SYSTEM IS FULLY FUNCTIONAL PRIOR TO ANY CONSTRUCTION. IF THE IRRIGATION SYSTEM IS DEEMED FAULTY OR INSUFFICIENT, A MEETING ON SITE WITH CITY OR ADOT STAFF, AND THE CONTRACTOR WILL BE HELD TO EVALUATE THE SPECIFIC CONDITION. THE GENERAL CONTRACTOR SHALL BE REQUIRED TO REPAIR AND OR REPLACE ALL DISTURBED OR DAMAGED IRRIGATION COMPONENTS RETURNING THEIR OPERATION TO 100%. GENERAL CONTRACTOR SHALL ENSURE THAT ALL RECONNECTIONS (WATER & POWER) HAVE BEEN TESTED AND APPROVED BY THE CITY PRIOR TO BACKFILLING. PRIOR TO FINAL ACCEPTANCE AND DURING THE MAINTENANCE PERIOD SPECIFIED THE GENERAL CONTRACTOR AND CITY FIELD ENGINEER SHALL MEET AGAIN AND ENSURE THAT EACH SYSTEM HAS BEEN RETURNED TO A FULLY OPERATIONAL AND FUNCTIONAL SYSTEM AND THAT ANY DEFICIENCIES HAVE BEEN CORRECTED. ALL WORK SHALL COMPLY WITH THESE PLANS AND SPECIAL PROVISIONS. THE COST OF THIS WORK IS CONSIDER INCLUDED IN THE COST OF LANDSCAPE AND IRRIGATION RESTORATION.

			
			
NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372			
	BY DESIGNED DRAWN CHECKED	DM/EN/AL J2CAD SP	DATE 8/03/2026 8/03/2026 8/03/2026
			SHEET ID01
NORTHERN AVENUE IRRIGATION NOTES & EMITTER SCHEDULE			
TRACS NO.			

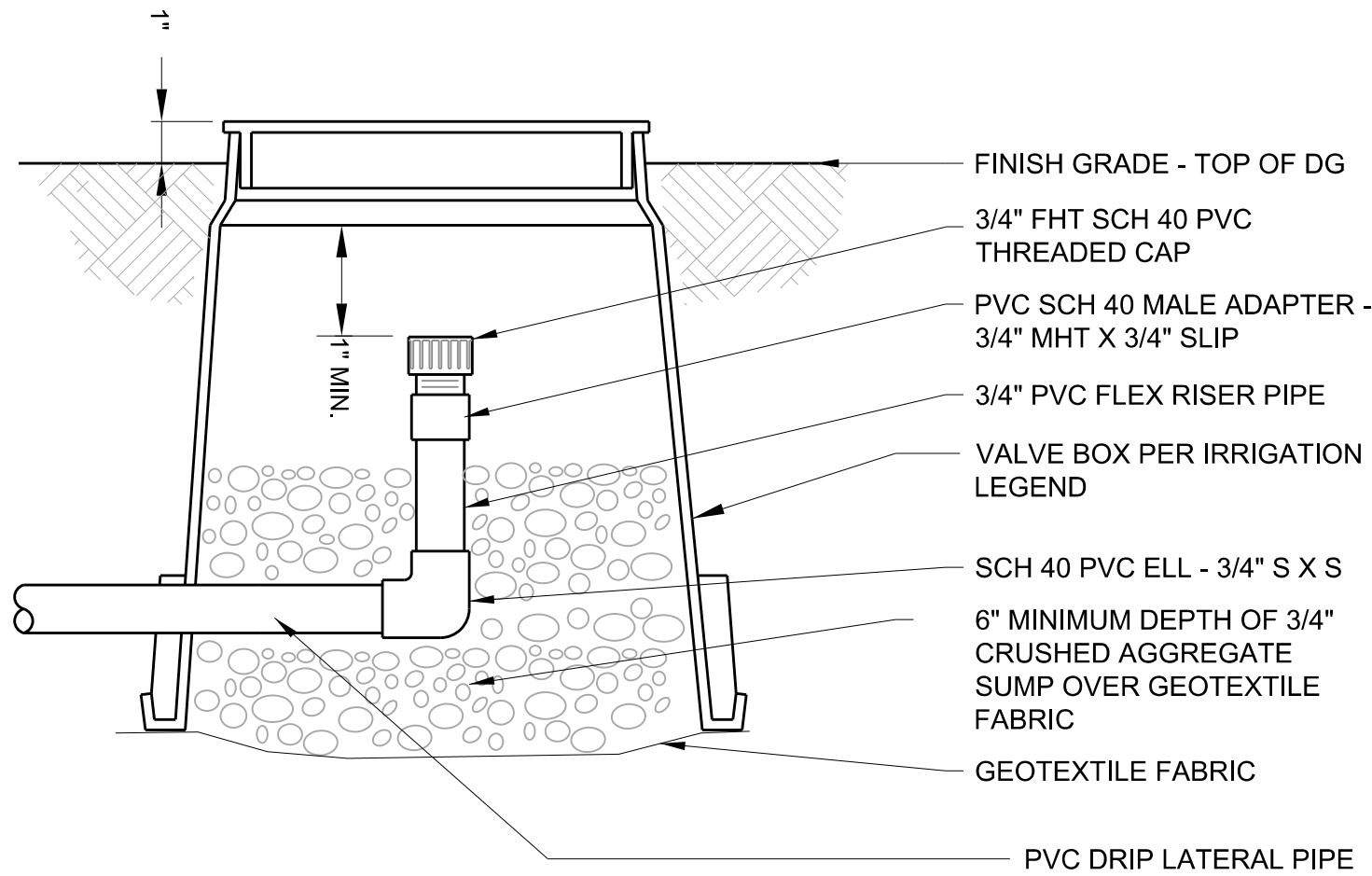
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	208	224	



EMISSION POINT LAYOUT PLAN VIEW



- NOTES:
1. EMITTER TUBING EMISSION POINTS SHALL BE EQUALLY SPACED AND LOCATED TO DIRECT WATER FLOW PER LAYOUT DETAIL ABOVE.
 2. NUMBER OF OPENINGS AND EMITTER TUBES REQUIRED IS BASED ON PLANT TYPE - SEE 'EMITTER SCHEDULE'.
 3. MAXIMUM EMITTER TUBING LENGTH = 10'.
 4. LOCATE EMISSION POINTS UPHILL OF PLANT ROOTBALL WHEN ON SLOPES.
 5. BURY ALL EMITTER TUBING 2" BELOW FINISH SUBGRADE.



- NOTES:
1. EMBOSS COVER WITH "FC" IN 2-INCH HIGH STENCIL LETTERS USING HEAT-BRAND
 2. ALL GEOTEXTILE FABRIC SHALL BE NON-WOVEN CLASS 'B' PER MAG SECTION 796.2.2.

DRIP LATERAL FLUSH END CAP ASSEMBLY (COP & COG)

5 MULTI-OUTLET EMITTER ASSEMBLY (COP, COG & MAG)

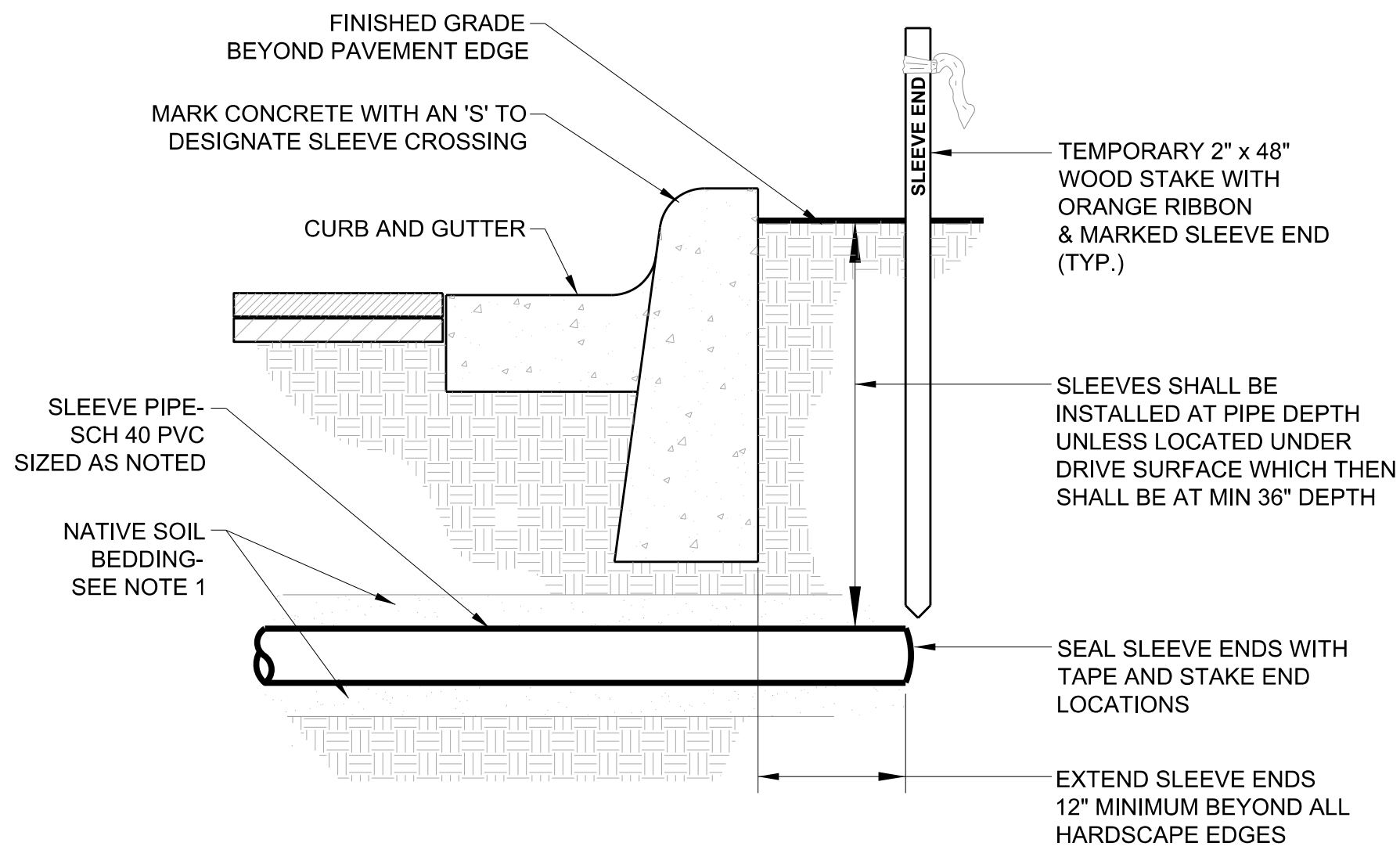
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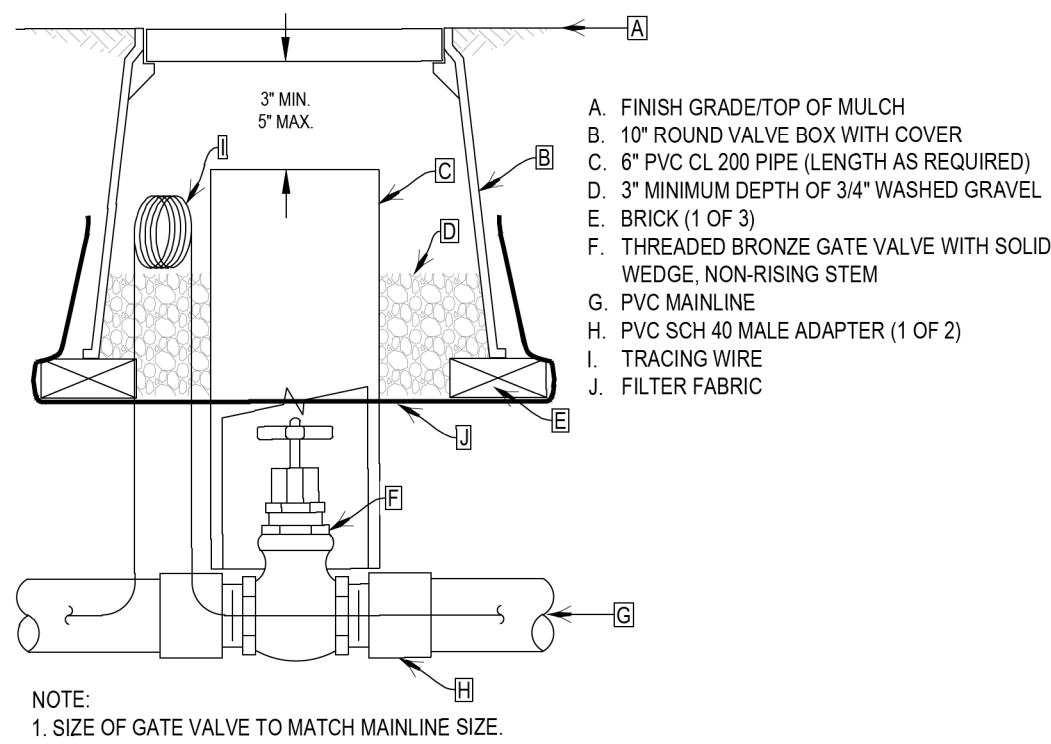
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- NOTES:
1. BACKFILL TRENCH WITH NATIVE SOIL BEDDING 3" UNDER SLEEVE AND 3" ABOVE SLEEVE. BEDDING MATERIAL SHALL NOT HAVE ANY ROCKS LARGER THAN 1/4" DIA.
 2. WHEN INSTALLING A NEW IRRIGATION SLEEVE UNDER PROPOSED CONCRETE CURB AND SIDEWALK, THE CONTRACTOR SHALL STAMP A 4" TALL X 1/4" DEEP "S" INTO THE FRESHLY POURED CONCRETE TO DESIGNATE AN IRRIGATION SLEEVE CROSSING.

8 SLEEVE INSTALLATION (COP, COG & MAG)

NTS



04.17.2023

CITY OF PEORIA STANDARD DETAIL - PE-729
ISOLATION GATE VALVE ASSEMBLY, 2" AND SMALLER

THIS SUPPLEMENTAL STANDARD DETAIL FOR THE CITY OF PEORIA IS EFFECTIVE AS OF THE
REVISION DATE LOCATED NEXT TO THE CITY SEAL

N.T.S.

9 ISOLATION GATE VALVE (COP)

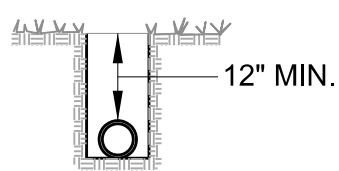
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MAIN SUPPLY, LATERAL AND WIRING

3" METALLIC DETECTOR TAPE @ 6" ABOVE MAINLINES AND/OR CONTROL WIRES
INSTALL WIRE BELOW MAINLINE

'XX' = MAINLINE DEPTHS:
3/4" - 2 1/2" = 18" DEEP
3" - 4" = 24" DEEP
6" - 8" = 36" DEEP

LATERAL



ALL 120 VOLT WIRING IN CONDUIT TO BE INSTALLED IN ACCORDANCE WITH LOCAL CODE.

APPROVED "ELECTRICAL POWER WIRES BELOW" WARNING TAPE SHALL BE INSTALLED 12" ABOVE ALL POWER WIRING IN TRENCHES.

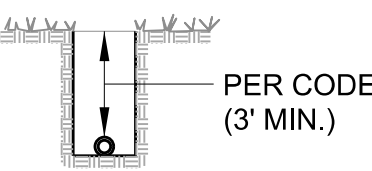
- NOTES:
1. NO TRENCH TO BE CLOSER THAN 18" TO CONCRETE SIDEWALK, CURBS, ELECTRIC POLES, J-BOXES, ELECTRIC CABINETS, STREET SIGNALS, SIGNS, ETC.
 2. WHEN MULTIPLE MAIN OR LATERAL LINES RUN IN THE SAME TRENCH MAINTAIN 3" HORIZONTAL CLEARANCE BETWEEN PIPES.

MAIN SUPPLY

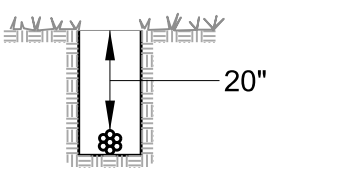
FINAL BACKFILL- 6" CLEAN TOPSOIL
BACKFILL PIPE BEDDING COVER 3/8" MINUS MATERIAL TYP. ALL TRENCHES. COMPACT TO 95% UNDER ALL CONCRETE & ASPHALT AND 85% IN PLANTER AREAS

NOTE:
TAPE AND BUNDLE WIRING AT 10' INTERVALS.
ALL WIRE SPLICES IN 10" ROUND SPLICE BOXES.

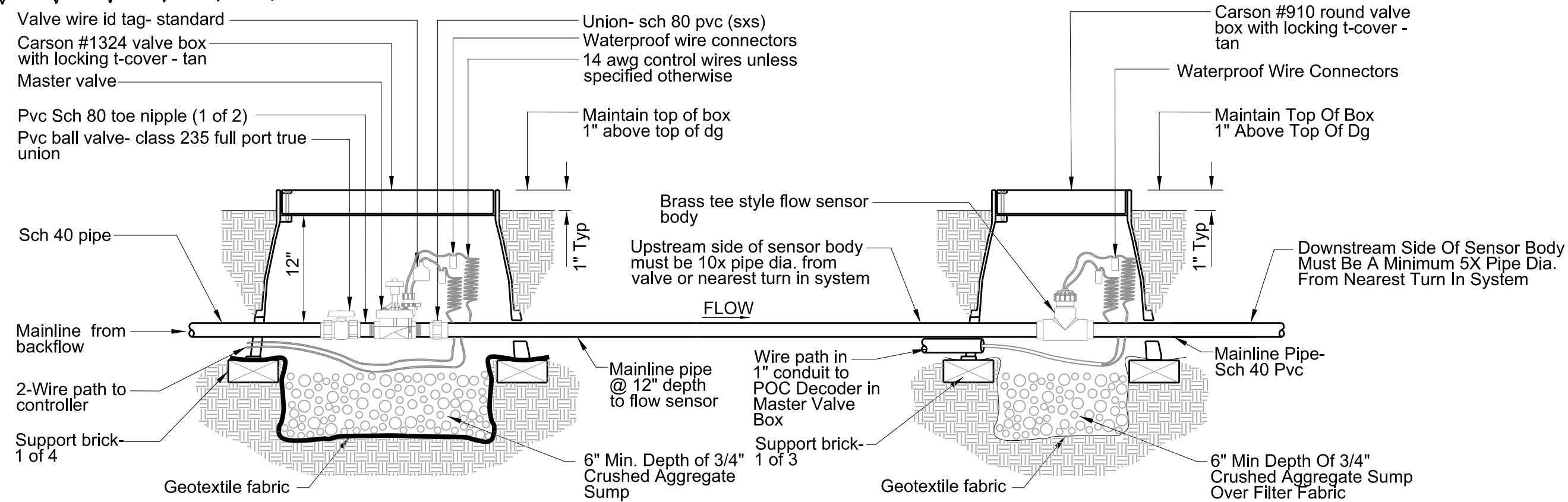
120 VOLT



CONTROL WIRING



NOTE:
TIE A LOOSE 20" LOOP IN ALL WIRING AT CHANGES OF DIRECTION GREATER THAN 30° AND AT EACH END OF WIRE SLEEVES. UNTIE ALL LOOPS AFTER ALL CONNECTIONS HAVE BEEN MADE.



Notes:

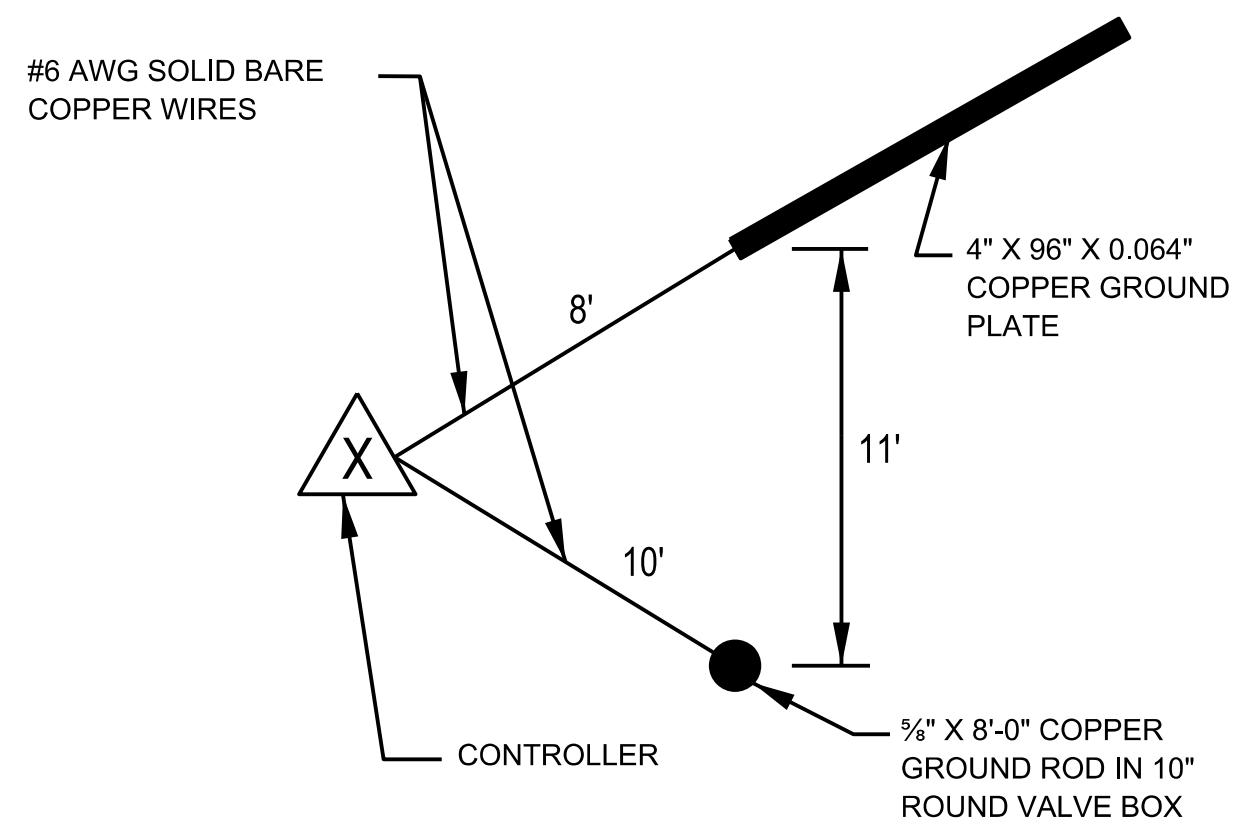
1. Valve Boxes To Be Tan.
2. Wire Id Tag To Be Yellow With Letters "MV".
3. Emboss Valve Box Covers Respectively With "MV" & "FS" In 2" High Stencil Letters Using Stylus Tip Torch.

SPECIAL NOTE:

CONTRACTOR TO OMIT CONVENTIONAL WIRES AND INSTALL 2-WIRE AND THE POC DECODER IN THE MASTER VALVE PER IRRIGATION LEGEND AND PER MANUFACTURER'S SPECIFICATIONS.

10 MASTER VALVE AND FLOW SENSOR DETAIL

NTS



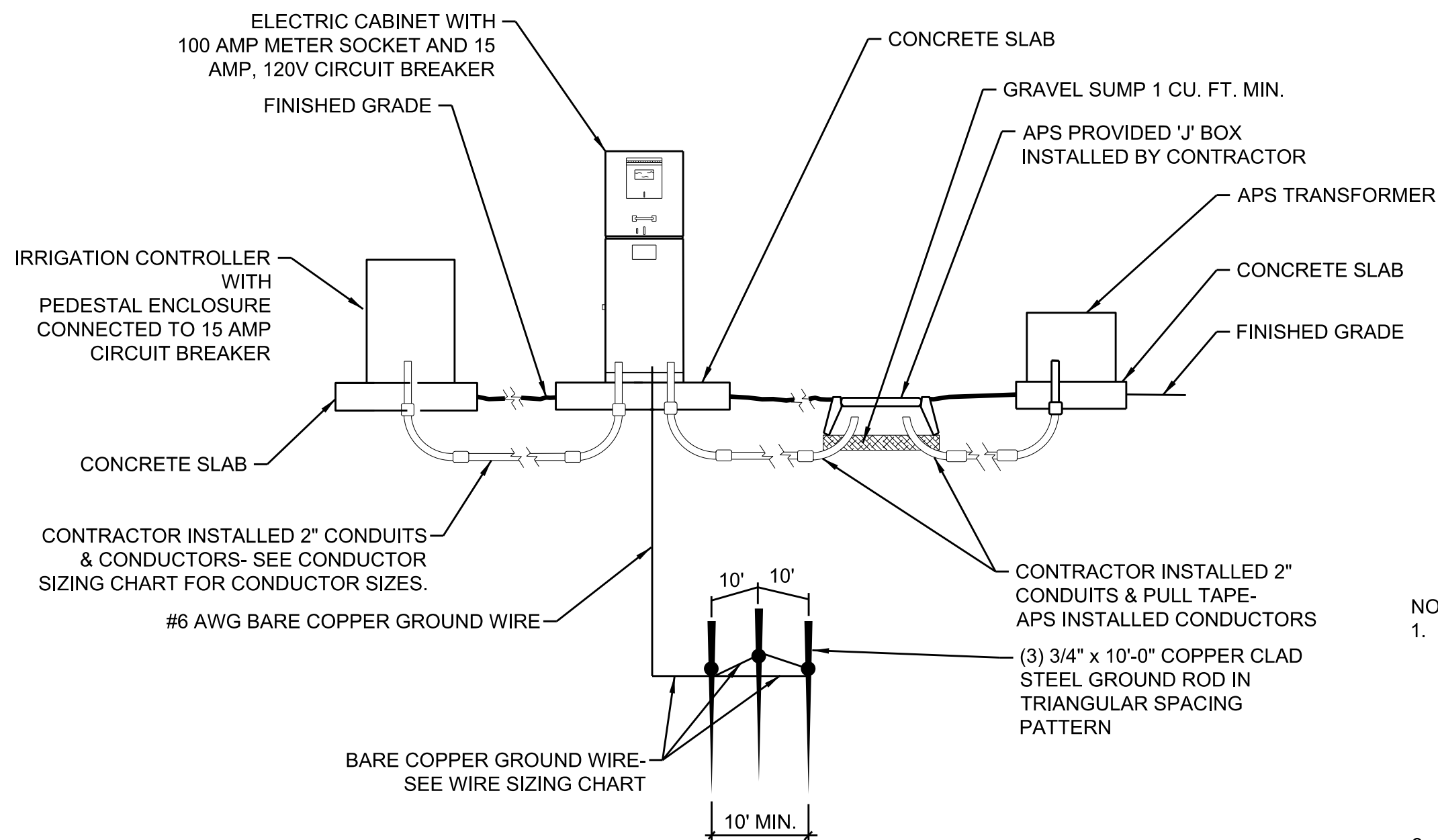
GROUND PLAN VIEW

NOTES:

1. CADWELD COPPER WIRE TO GROUND ROD. CLAMPS ARE NOT ACCEPTABLE METHOD OF ATTACHMENT.
2. PLACE GROUND ROD IN 10" ROUND VALVE BOX WITH BOLT DOWN LID T-COVER EMBOSSED WITH 1" STENCIL LETTERS "GRND" OR COMMON GROUND SYMBOL.
3. DIRECT BURY GROUND PLATE HORIZONTALLY AT 30" DEPTH.
4. EACH CONTROLLER TO RECEIVE A SEPARATE GROUND ROD AND PLATE.
5. DO NOT BACKFILL GROUNDING PLATE UNTIL INSTALLATION HAS BEEN APPROVED BY RESIDENT ENGINEER OR INSPECTOR.

12 IRRIGATION CONTROLLER GROUNDING DETAIL

NTS



14 120 VOLT ELECTRIC SERVICE

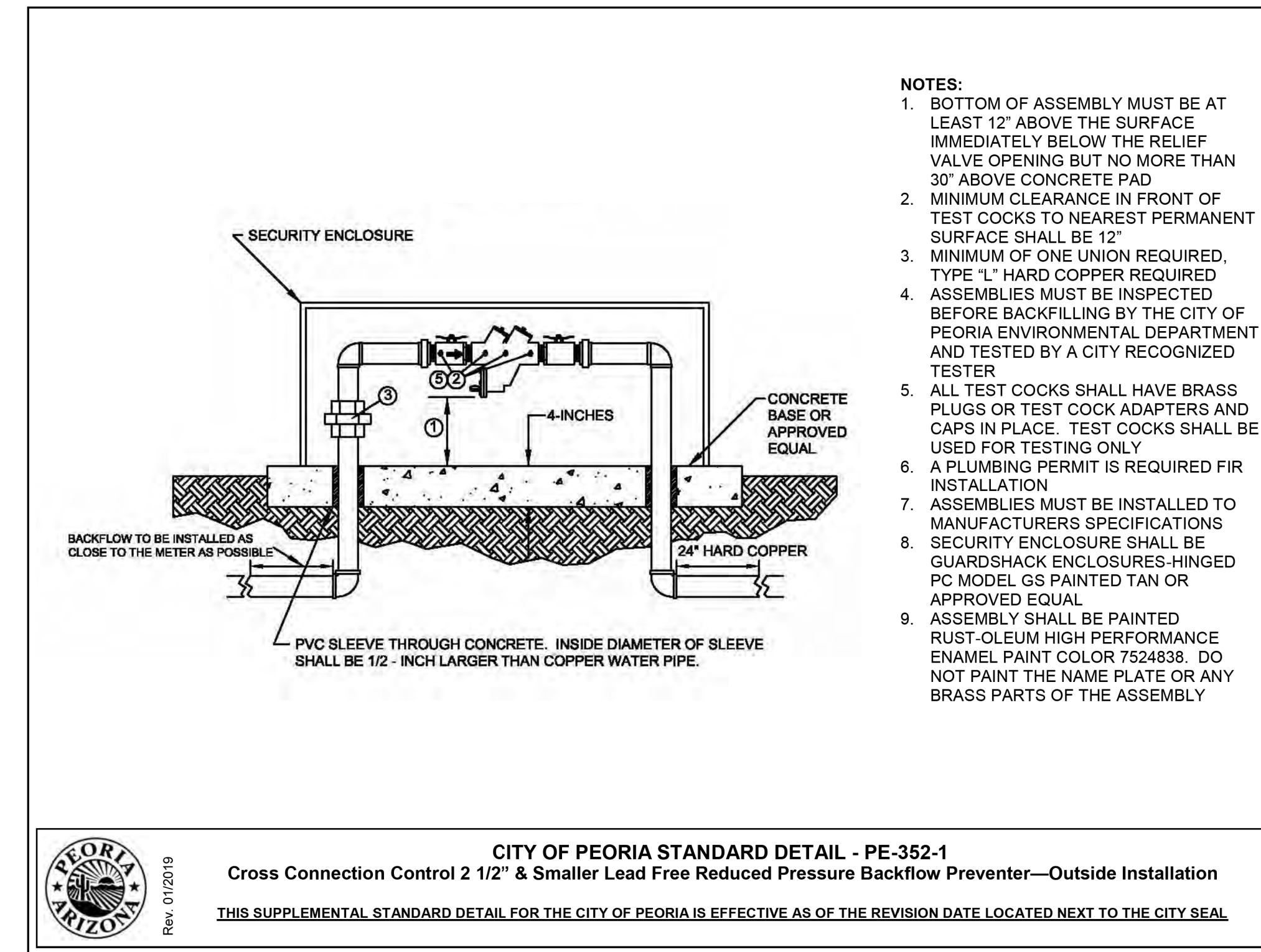
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NOTES:

1. THE ROADWAY CONTRACTOR SHALL INSTALL ALL ELECTRIC METER PEDESTALS, PULL BOXES, CONDUITS & CONDUIT SWEEPS, CONDUCTORS BETWEEN ELECTRIC METER PEDESTALS AND CONTROLLER ENCLOSURES, AND PULL TAPE BETWEEN APS TRANSFORMER & PULL BOX AND BETWEEN PULL BOX & ELECTRIC METER PEDESTALS. APS SHALL INSPECT THE CONDUIT AND TRENCH INSTALLATION PRIOR TO BACKFILL. APS WILL PULL THE CONDUCTORS FROM THE TRANSFORMER TO THE PULL BOX AND FROM THE PULL BOX TO THE ELECTRICAL METER ENCLOSURES AFTER RECEIVING A CLEARANCE FROM CITY OF PEORIA AND THE APS METER DEPARTMENT.
2. ALL ELECTRICAL CONDUIT AND SWEEPS SHALL BE 2" DB120 AND INSTALLED AT A MINIMUM DEPTH OF 48".
3. POWER REQUIREMENTS FOR ALL IRRIGATION CONTROLLERS IS 120V & 2 AMPS.

11 IRRIGATION CONTROLLER DETAIL

NTS



NOTES:

1. BOTTOM OF ASSEMBLY MUST BE AT LEAST 12" ABOVE THE SURFACE IMMEDIATELY BELOW THE RELIEF VALVE OPENING BUT NO MORE THAN 30" ABOVE CONCRETE PAD
2. MINIMUM CLEARANCE IN FRONT OF TEST COCKS TO NEAREST PERMANENT SURFACE SHALL BE 12"
3. MINIMUM OF ONE UNION REQUIRED, TYPE "L" HARD COPPER REQUIRED
4. ASSEMBLIES MUST BE INSPECTED BEFORE BACKFILLING BY THE CITY OF PEORIA ENVIRONMENTAL DEPARTMENT AND TESTED BY A CITY RECOGNIZED TESTER
5. ALL TEST COCKS SHALL HAVE BRASS PLUGS OR TEST COCK ADAPTERS AND CAPS IN PLACE. TEST COCKS SHALL BE USED FOR TESTING ONLY
6. A PLUMBING PERMIT IS REQUIRED FOR INSTALLATION
7. ASSEMBLIES MUST BE INSTALLED TO MANUFACTURER'S SPECIFICATIONS
8. SECURITY ENCLOSURE SHALL BE GUARDSHACK ENCLOSURES-HINGED PC MODEL GS PAINTED TAN OR APPROVED EQUAL
9. ASSEMBLY SHALL BE PAINTED RUST-OLEUM HIGH PERFORMANCE ENAMEL PAINT COLOR 7524838. DO NOT PAINT THE NAME PLATE OR ANY BRASS PARTS OF THE ASSEMBLY

13 BACKFLOW PREVENTER & CAGE

NTS

CONDUCTOR SIZING CHART

ELECTRIC METER ADDRESS	POWER CONDUCTORS	GROUNDING CONDUCTORS
PENDING- 103rd	(1) #12 AWG	(1) #12 AWG

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	208A	224	

Calsense Notes:

1. 110 vac power shall be routed from power supply to circuit breaker box, and then connected to outlet with disconnect and controllers.
2. Where possible, all wire shall be route within conduit. All wiring not in conduit shall be bundled.
3. All electric components and installations shall be in accordance with, "all" applicable codes.
4. Contractor shall assemble enclosure with mounted components in a shop. Provide detailed shop drawings of installation for review and comment prior to construction.
5. Install 1-inch sch. 40 pvc sleeve for ground. (see grounding detail)
6. Security cabinet shall have steel door with document tray suitable for storing manuals and reduced drawings.
7. Stake proposed controller location for approval by city prior to installation.

NOTES:

1. CONTRACTOR SHALL STAKE PROPOSED LOCATION OF IRRIGATION CONTROLLER AND OBTAIN APPROVAL BY CITY OF PEORIA REPRESENTATIVE PRIOR TO INSTALLATION.
2. LOCATE CONTROLLER WHERE EASILY ACCESSIBLE BY MAINTENANCE STAFF AND WITH OPENING PREFERABLY ORIENTED WITH SCREEN FACING NORTH TO MINIMIZE DIRECT SUNLIGHT. OPENING MAY BE FIELD ADJUSTED DUE TO SITE CONDITIONS.
3. SUBMIT SHOP DRAWINGS OF MOUNTING ASSEMBLY.



NO.	REVISION	BY	DATE
	ADDENDUM 2 REVISION	J2	08/26
	REVISION		
MARICOPA COUNTY			
NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372			
	DESIGNED	DM/ENAL	8/03/2026
	DRAWN	J2CAD	8/03/2026
	CHECKED	SP	8/03/2026
J Design			SHEET ID04
NORTHERN AVENUE LANDSCAPE IRRIGATION DETAILS			TRACS NO.

										F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
										9	AZ	TT0372	209	224	

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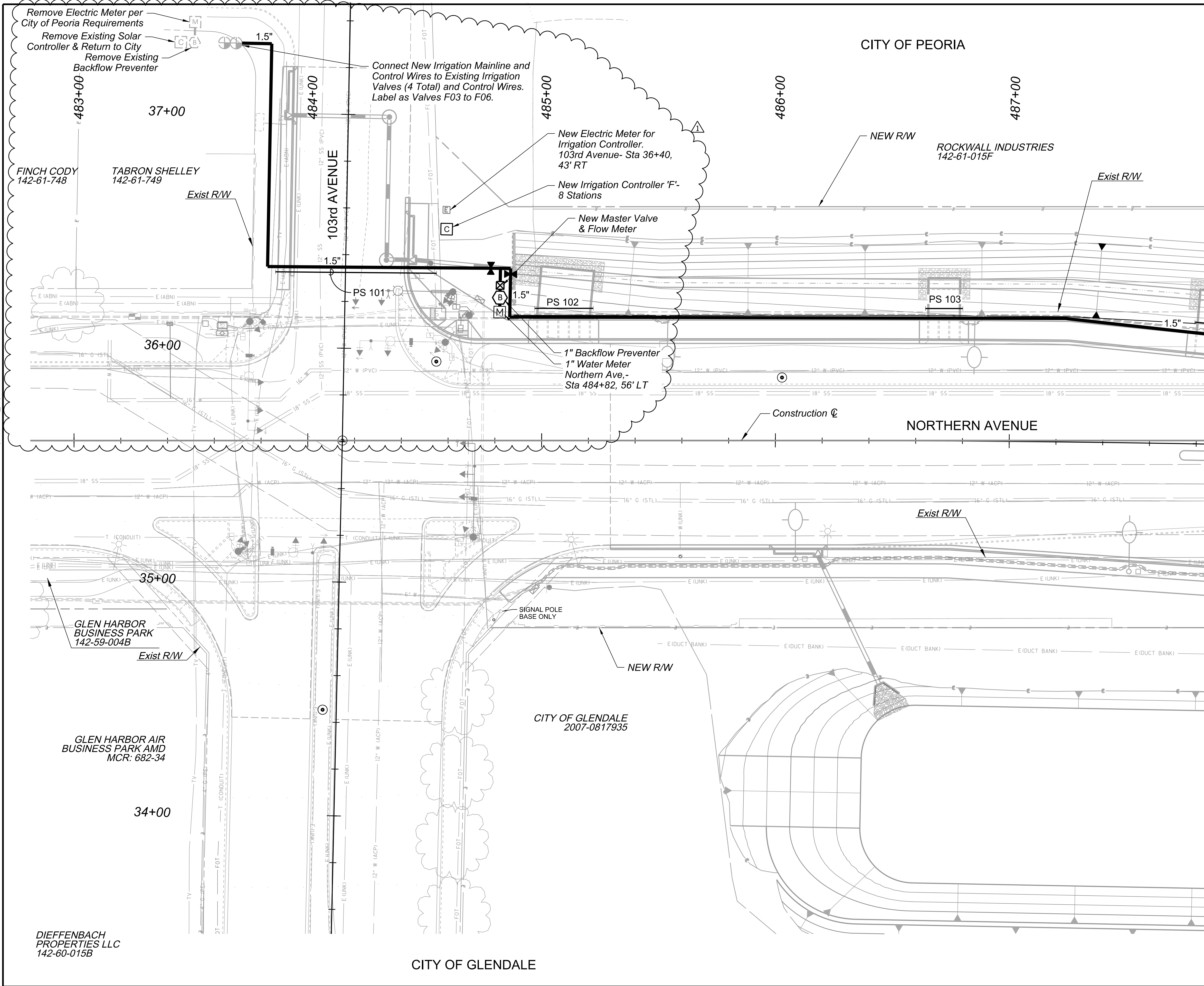
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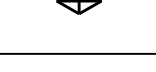
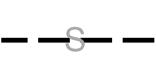
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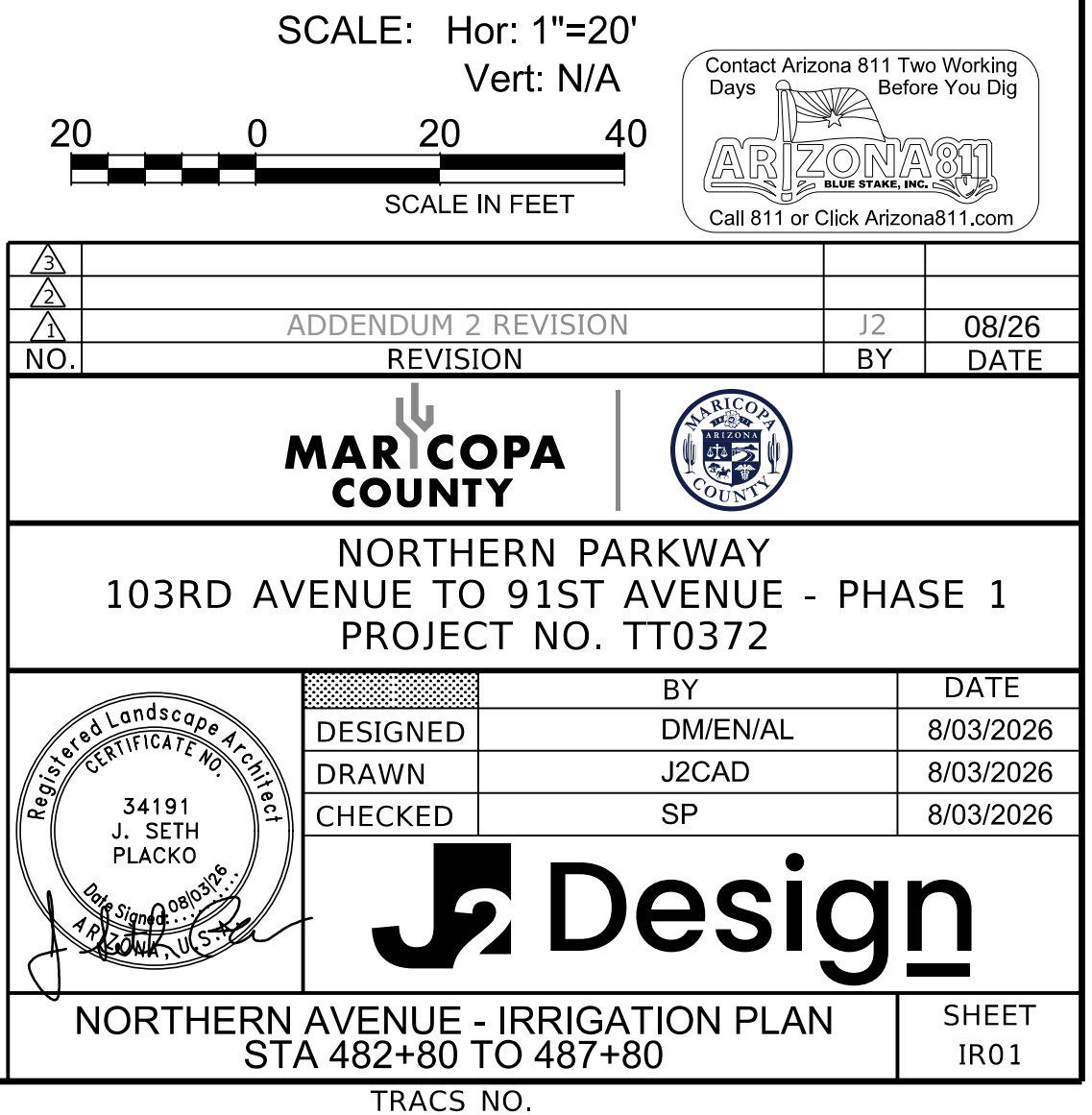
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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	210	224	

IRRIGATION LEGEND	
SYMBOL	DESCRIPTION
	RELOCATED WATER METER- COP/ COG
	REDUCE PRESSURE BACKFLOW PREVENTER ASSEMBLY- COP/ COG
	IRRIGATION CONTROLLER
	MASTER VALVE/ FLOW METER ASSEMBLY
	ELECTRIC METER
	GATE VALVE
	BATTERY OPERATED CONTROLLER
	EXISTING DRIP REMOTE CONTROL VALVE ASSEMBLY- PROTECT IN PLACE
	CITY DRIP REMOTE CONTROL VALVE ASSEMBLY
	MULTI-OUTLET EMITTER ASSEMBLY
	CITY DRIP LATERAL FLUSH END CAP ASSEMBLY
	CITY MAINLINE PIPE: (AS NOTED)
	SHRUB/ACCENT DRIP LATERAL PIPE: 3/4" SCH 40 PVC
	TREE DRIP LATERAL PIPE: 3/4" SCH 40 PVC
	PIPE SLEEVES (PS)

MATCH LINE STA 487+80 SHT IR02



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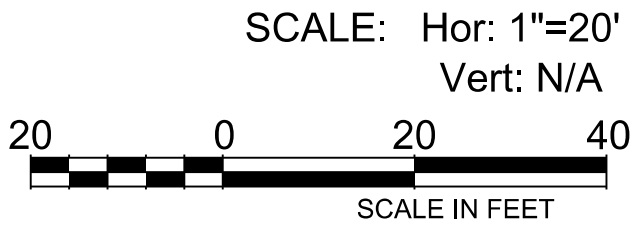
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OpenRoads Imperial

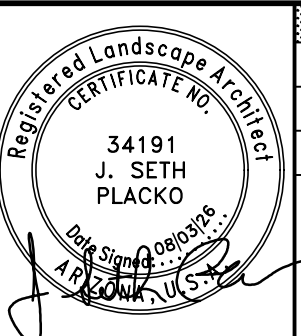
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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	212	224	

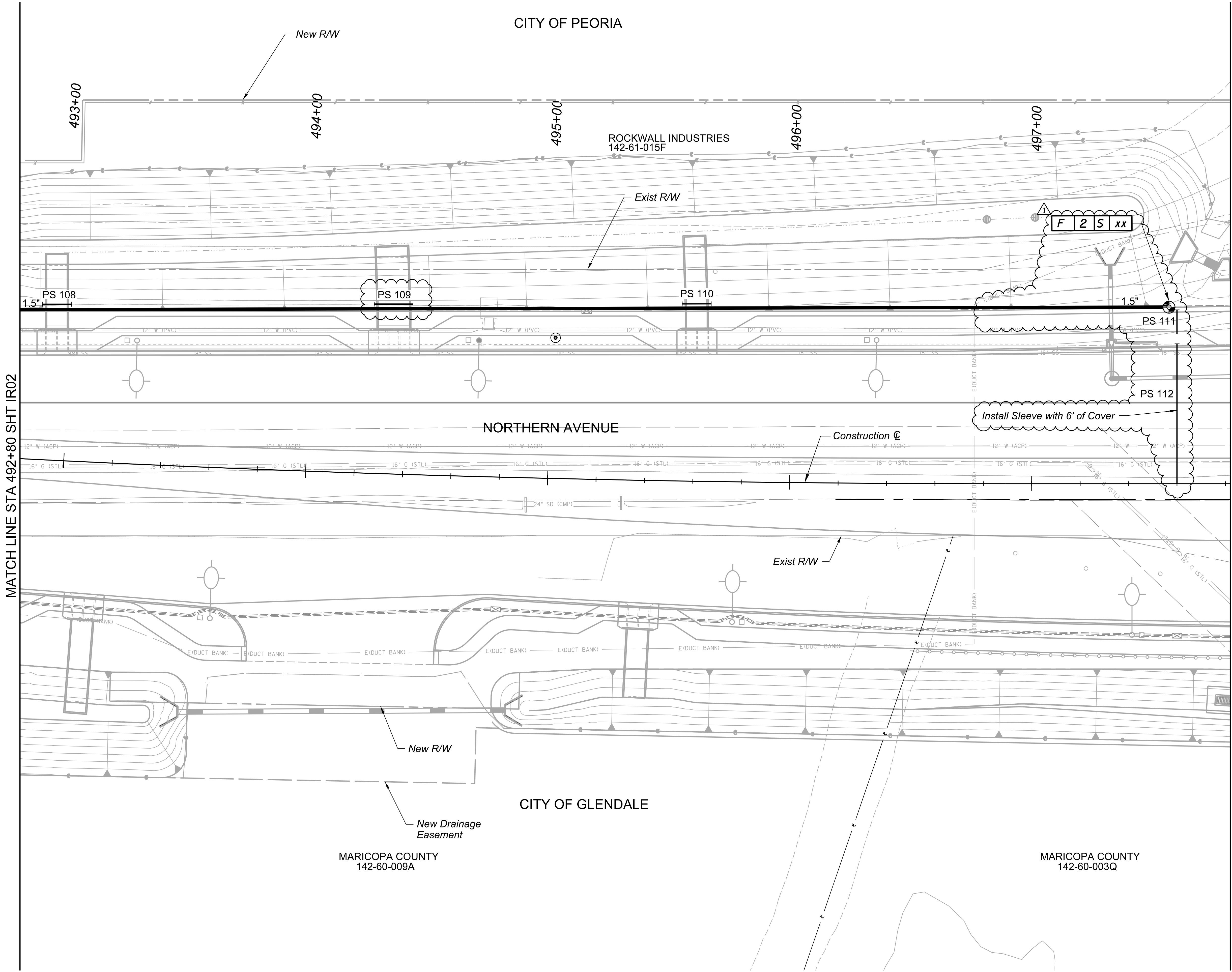
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	TREE DRIP LATERAL PIPE: 3/4" SCH 40 PVC
	PIPE SLEEVES (PS)



ADDENDUM 2 REVISION		J2	08/26
REVISION		BY	DATE

 MARICOPA COUNTY			
NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372			
 34191 J. SETH PLACKO	DESIGNED	DM/EN/AL	8/03/2026
	DRAWN	J2CAD	8/03/2026
	CHECKED	SP	8/03/2026
			
NORTHERN AVENUE - IRRIGATION PLAN STA 492+80 TO 497+80			SHEET IR03

TRACS NO.			
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OpenRoads_Imperial

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MATCH LINE SHT IR05

NEW RIVER

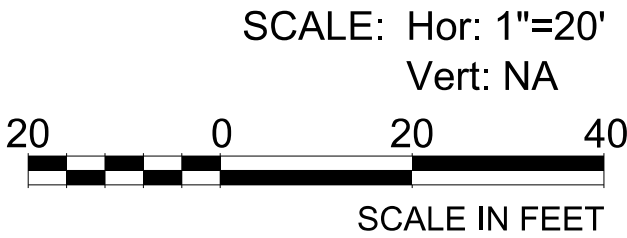
Levee Vegetation
Free Zone
50' Tree Setback
from Levee

Exist Glendale Pathway Irrigation
Valves- Protect in Place
Install (1) One 2-Station Battery
Operated Controller in Existing Valve
Box and Wire to Both Existing Valves
#1 & #3.

Exist Glendale Pathway Irrigation Mainline,
Exact Location Unknown- Protect in Place

Contractor to Ensure that all
Existing Plants are Connected
to Irrigation

Contractor to Locate Existing Valves
#2 & #4 about 1,200-feet to the South.
Install (1) One 2-Station Battery
Operated Controller in Existing Valve
Box and Wire to Both Existing Valves
#2 & #4.



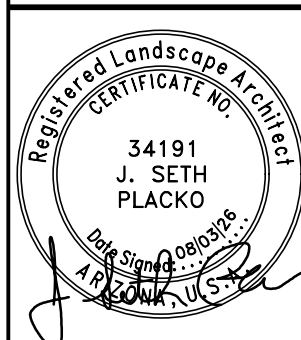
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	215	224	

IRRIGATION LEGEND	
SYMBOL	DESCRIPTION
 	RELOCATED WATER METER- COP/ COG
 	REDUCE PRESSURE BACKFLOW PREVENTER ASSEMBLY- COP/ COG
	IRRIGATION CONTROLLER
	MASTER VALVE/ FLOW METER ASSEMBLY
	ELECTRIC METER
	GATE VALVE
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	CITY DRIP REMOTE CONTROL VALVE ASSEMBLY
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	SHRUB/ACCENT DRIP LATERAL PIPE: 3/4" SCH 40 PVC
	TREE DRIP LATERAL PIPE: 3/4" SCH 40 PVC
	PIPE SLEEVES (PS)



				
				
				
NO.	ADDENDUM 2 REVISION REVISION	J2 BY	08/26 DATE	

		
NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372		

		BY	DATE
	DESIGNED	DM/EN/AL	8/03/2026
	DRAWN	J2CAD	8/03/2026
	CHECKED	SP	8/03/2026

	
NORTHERN AVENUE - IRRIGATION PLAN STA 95+40 TO 100+40	
SHEET IR06	

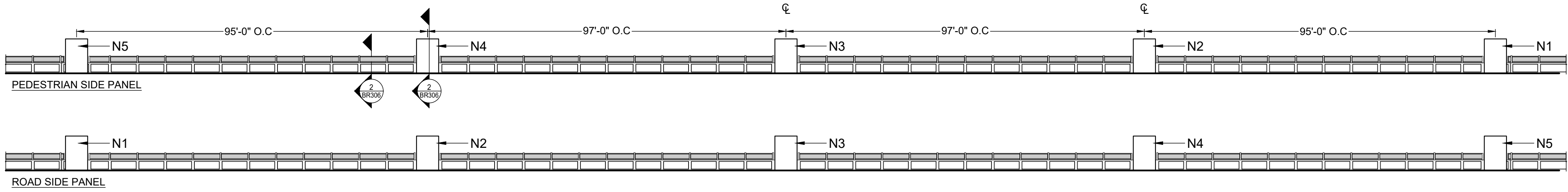
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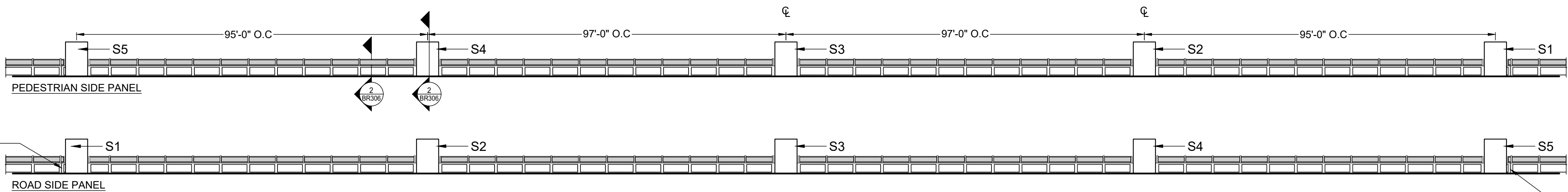
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9	AZ	TT0372	217	224	

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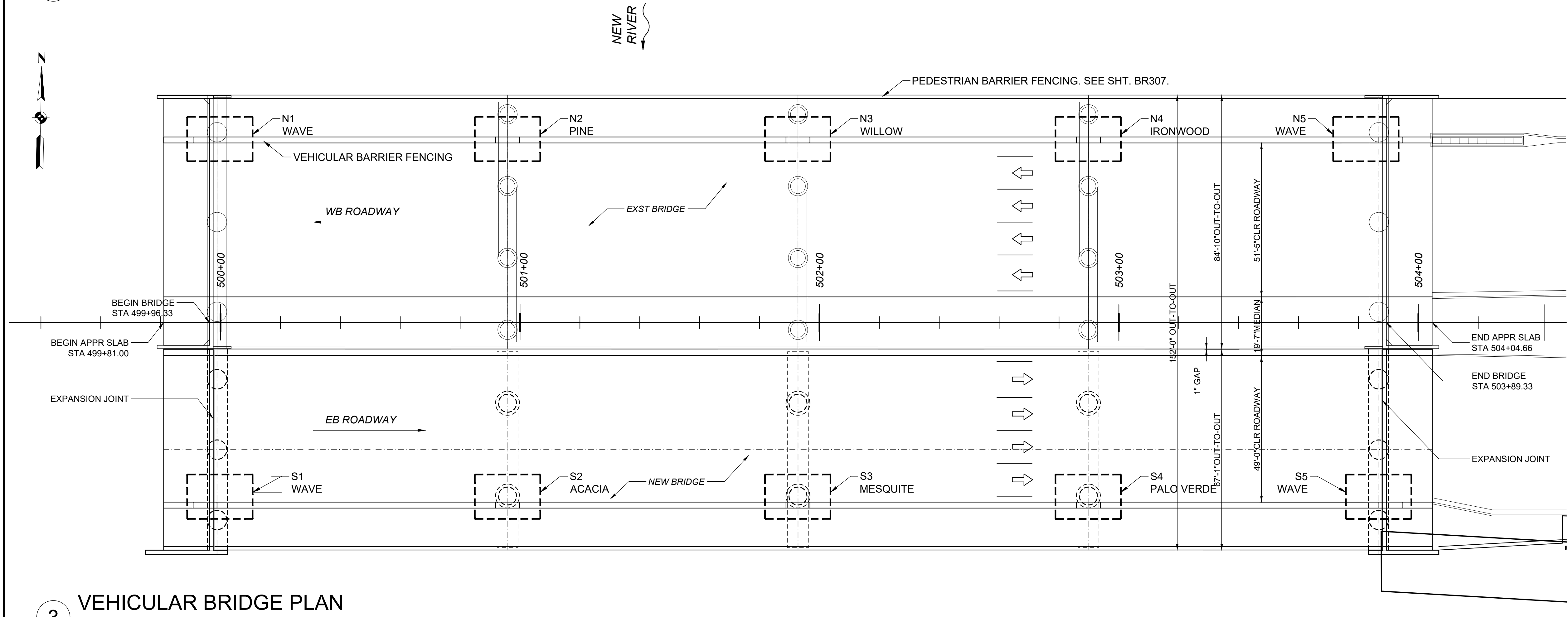
1 NORTH VEHICULAR BARRIER ELEVATIONS

SCALE: 1" = 20'-0"



2 SOUTH VEHICULAR BARRIER ELEVATIONS

SCALE: 1" = 20'-0"



3 VEHICULAR BRIDGE PLAN

SCALE: 1" = 20'-0"

- WELDING NOTES:**
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND SUBMITTALS OF ALL HARDWARE, STEEL MEMBERS, AND INFILL PANELS TO CITY OF PEORIA REPRESENTATIVE FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
 - ALL METAL MEMBERS AND WELDS SHALL BE GROUND SMOOTH/ROUNDED TO BE FREE OF ANY SHARP EDGES, CORNERS, AND BURRS.
 - ALL WELDS SHALL CONFORM TO AWS D1.1 LATEST EDITION. ALL FIELD WELDS SHALL BE TESTED BY NON-DESTRUCTIVE METHOD.

- STEEL NOTES:**
- STRUCTURAL TUBING SHALL BE ASTM A500 GRADE B
 - STEEL BARS SHALL BE ASTM A 36
 - SEE METAL PANEL DETAILS ON SHT BR302 - BR305.

- PAINTING NOTES:**
- ALL STEEL COMPONENTS SHALL HAVE SURFACE PREPARATION OF SSPC SP10. PRIME COAT SHALL BE ONE COAT OF REINFORCED INORGANIC ZINC PRIMER AS SPECIFIED AT 3-5 MILS DFT. TOP COAT WITH ONE COAT OF ALIPHATIC ACRYLIC URETHANE AS SPECIFIED AT 3-5 MILS DFT.
 - ALL STEEL MEMBERS INCLUDING POSTS, RAILS, ANGLE IRON FRAMING, WELDED WIRE MESH, AND DECORATIVE PANELS TO RECEIVE A PRIME COAT AND FINISH COAT, REFER TO SHT. BR308 FOR PAINT COLORS.
 - CONTRACTOR SHALL PROVIDE PAINT DRAWDOWN SAMPLES FOR REVIEW AND APPROVAL BY THE CITY OF PEORIA REPRESENTATIVE PRIOR TO COMMENCING ANY PAINTING WORK.
 - CONTRACTOR SHALL PROVIDE A MOCK-UP OF ALL APPROVED PAINT COLORS FOR FINAL CITY OF PEORIA REVIEW AND APPROVAL. THE MOCK-UP SHALL INCLUDE ALL SELECTED COLORS AND MAY BE COMPLETED ON THE FINAL STRUCTURE; A SEPARATE MOCK UP STRUCTURE IS NOT REQUIRED.

- REINFORCING NOTES:**
- FOR STRUCTURE REINFORCING REQUIREMENTS REFER TO BRIDGE PLANS & DETAILS.

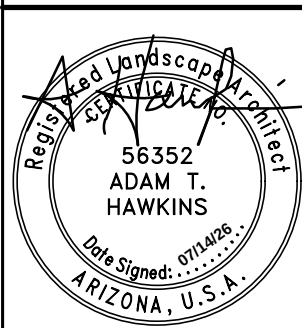
- SANDBLASTING NOTES:**
- ALL SANDBLASTED LETTERING AND GRAPHIC TREE IMAGERY AS SHOWN IN THE PLANS SHALL RECEIVE A HEAVY SANDBLAST FINISH. CONTRACTOR SHALL PROVIDE A MOCK-UP OF THE LETTERING FOR REVIEW AND APPROVAL BY THE CITY OF PEORIA REPRESENTATIVE.
 - SANDBLASTING SHALL BE PERFORMED ONLY AFTER ALL CONCRETE COMPONENTS OF THE BRIDGE BARRIER AND COLUMNS HAVE BEEN PAINTED.

- TREE IMAGERY NOTES**
- ALL COUNCIL DISTRICT TREE IMAGERY SILHOUETTES AND GRAPHICS SHOWN IN THESE PLANS ARE ILLUSTRATIVE ONLY AND SHALL NOT BE USED FOR FABRICATION. FINAL TREE IMAGE SILHOUETTES AND ASSOCIATED DETAIL ELEMENTS (INCLUDING LEAVES, SEEDS, FLOWERS, AND SIMILAR FEATURES) INTENDED FOR SANDBLASTED TEMPLATES OR METAL CUT-OUT PANELS SHALL BE FINALIZED DURING CONSTRUCTION. UPON RECEIVING FINAL APPROVAL FROM THE CITY OF PEORIA, THE LANDSCAPE ARCHITECT WILL PROVIDE THE CONTRACTOR WITH THE FINAL VECTOR ART AND ALL REQUIRED DIGITAL FILES FOR FABRICATION.



NO.	ADDENDUM 2 REVISION	AH BY	7/2026 DATE
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MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
NORTHERN PARKWAY
103RD AVENUE TO 91ST AVENUE - PHASE 1
PROJECT NO. TT0372



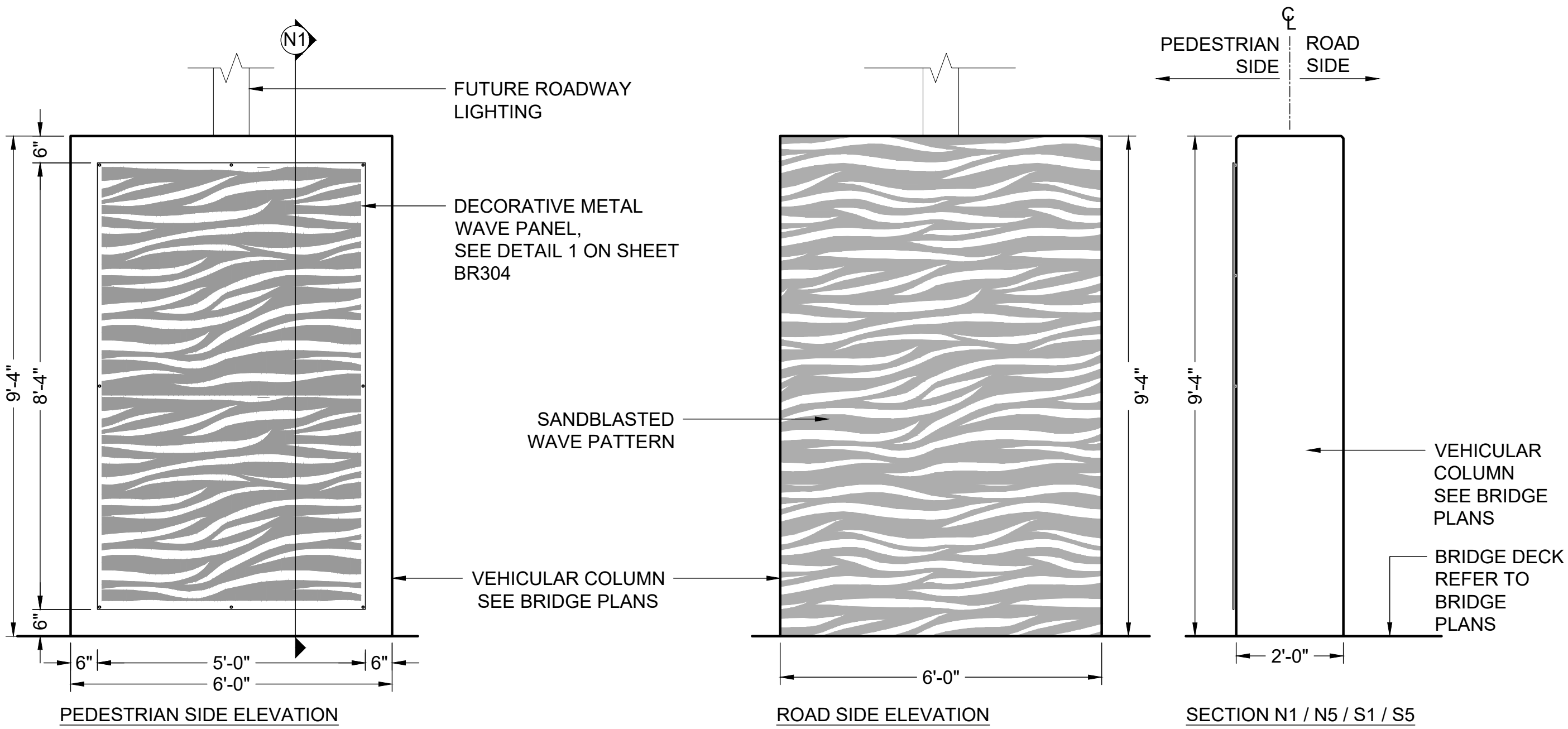
	BY	DATE
DESIGNED	AH	05/06/26
DRAWN	KZ	05/06/26
CHECKED	AH	05/06/26

Design

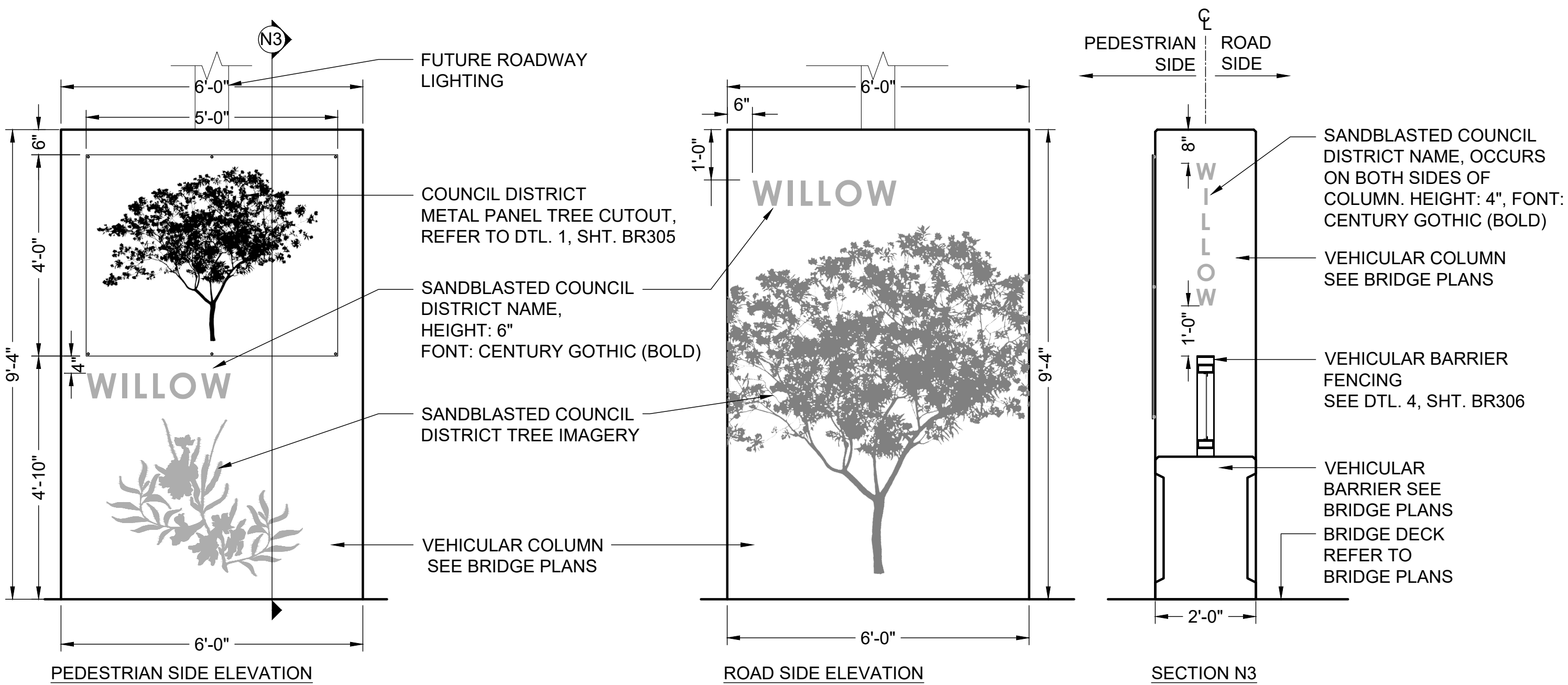
AESTHETIC BRIDGE DETAILS

SHEET
BR301

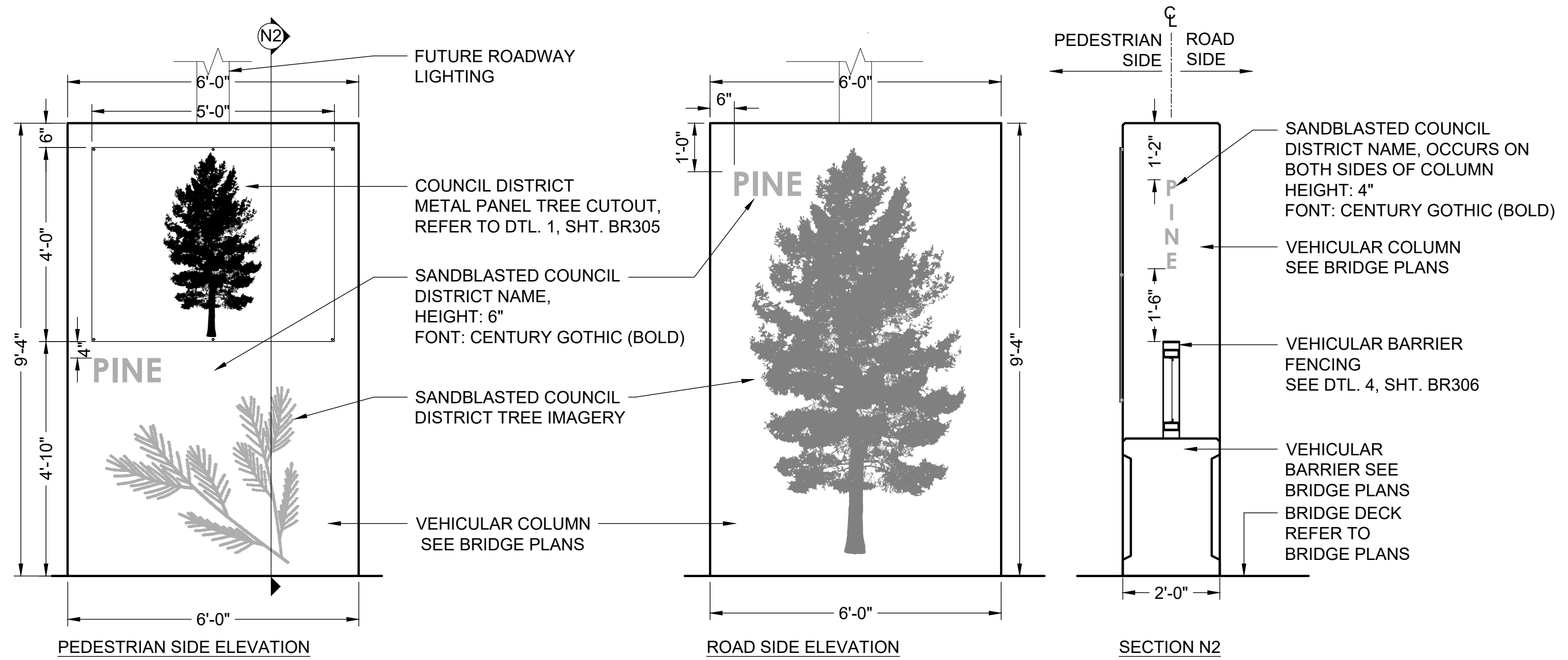
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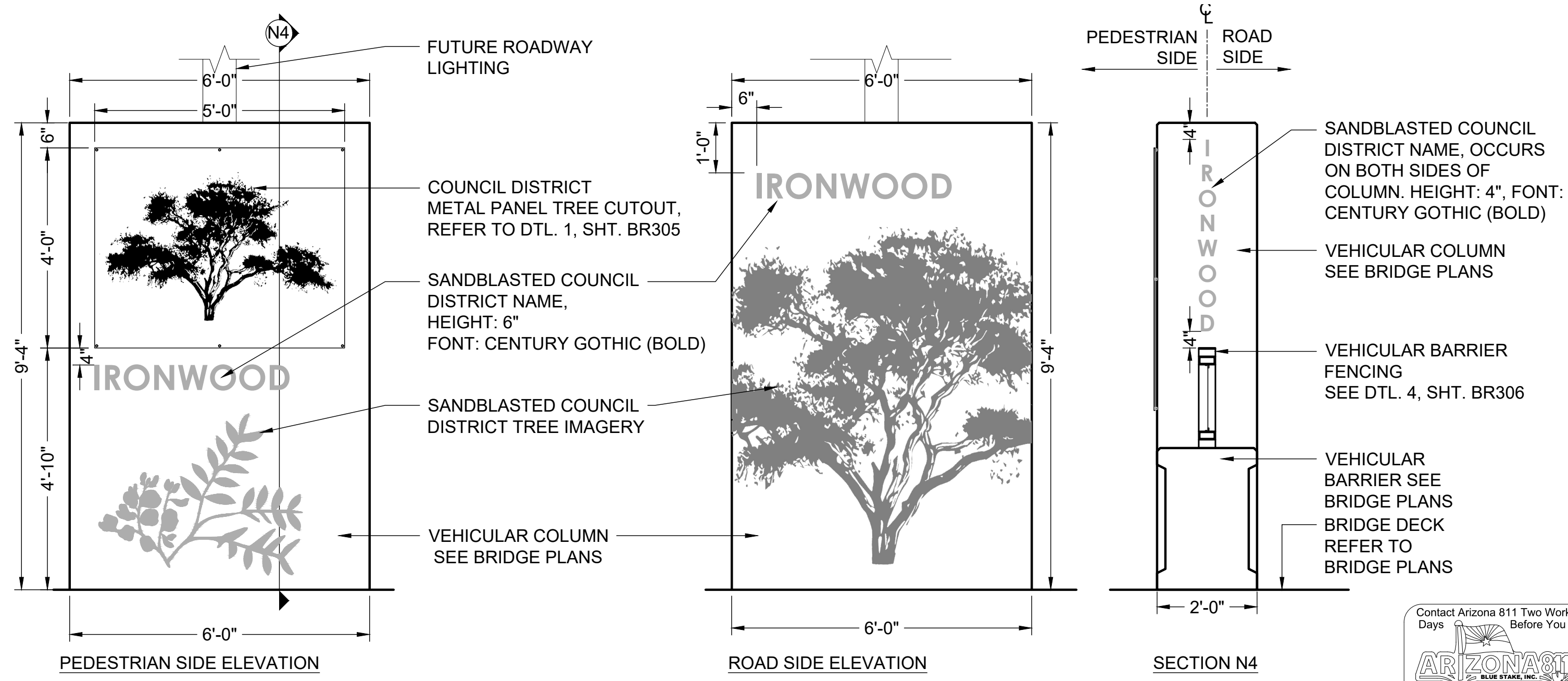
1 WAVE PATTERN COLUMN PANELS (N1, N5, S1 & S5)
SCALE: NTS



3 DISTRICT COLUMN PANEL - WILLOW (N3)
SCALE: NTS



2 DISTRICT COLUMN PANEL - PINE (N2)
SCALE: NTS

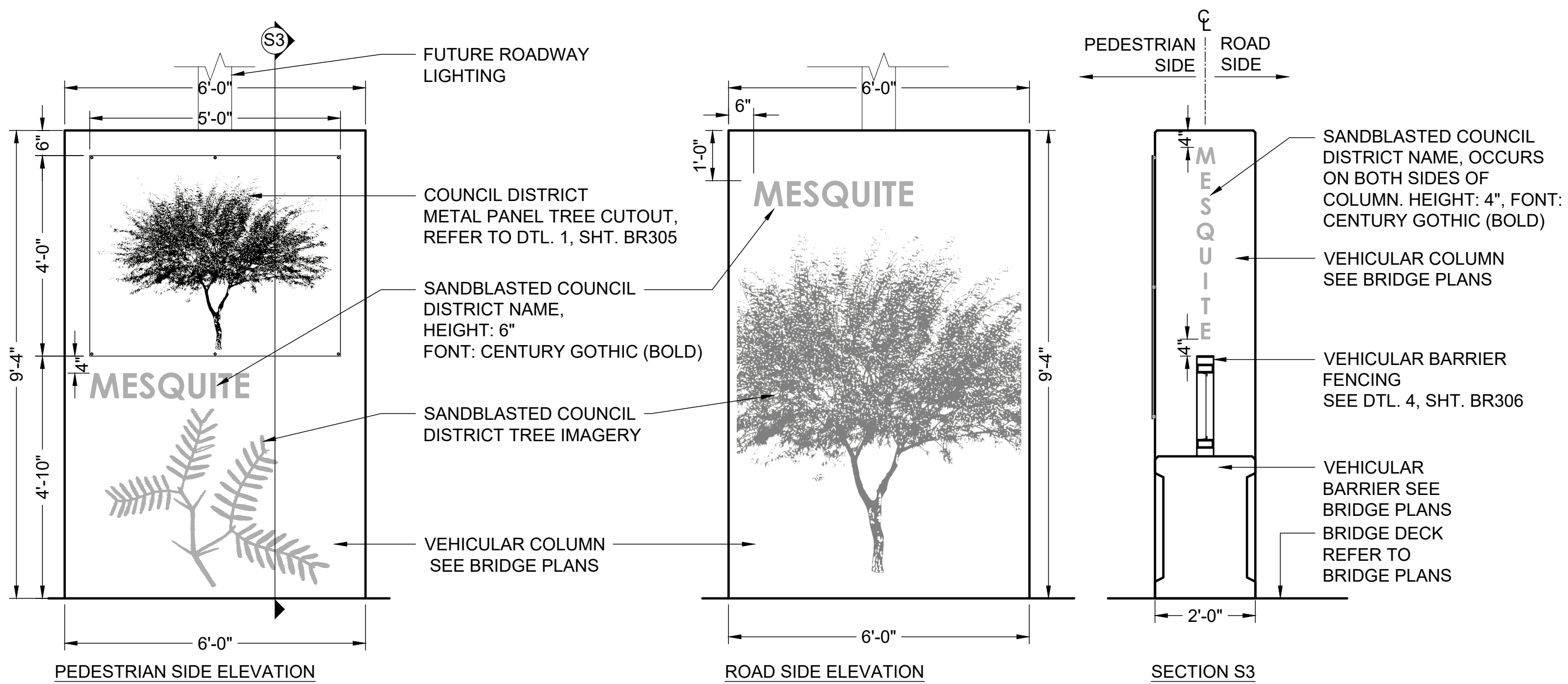
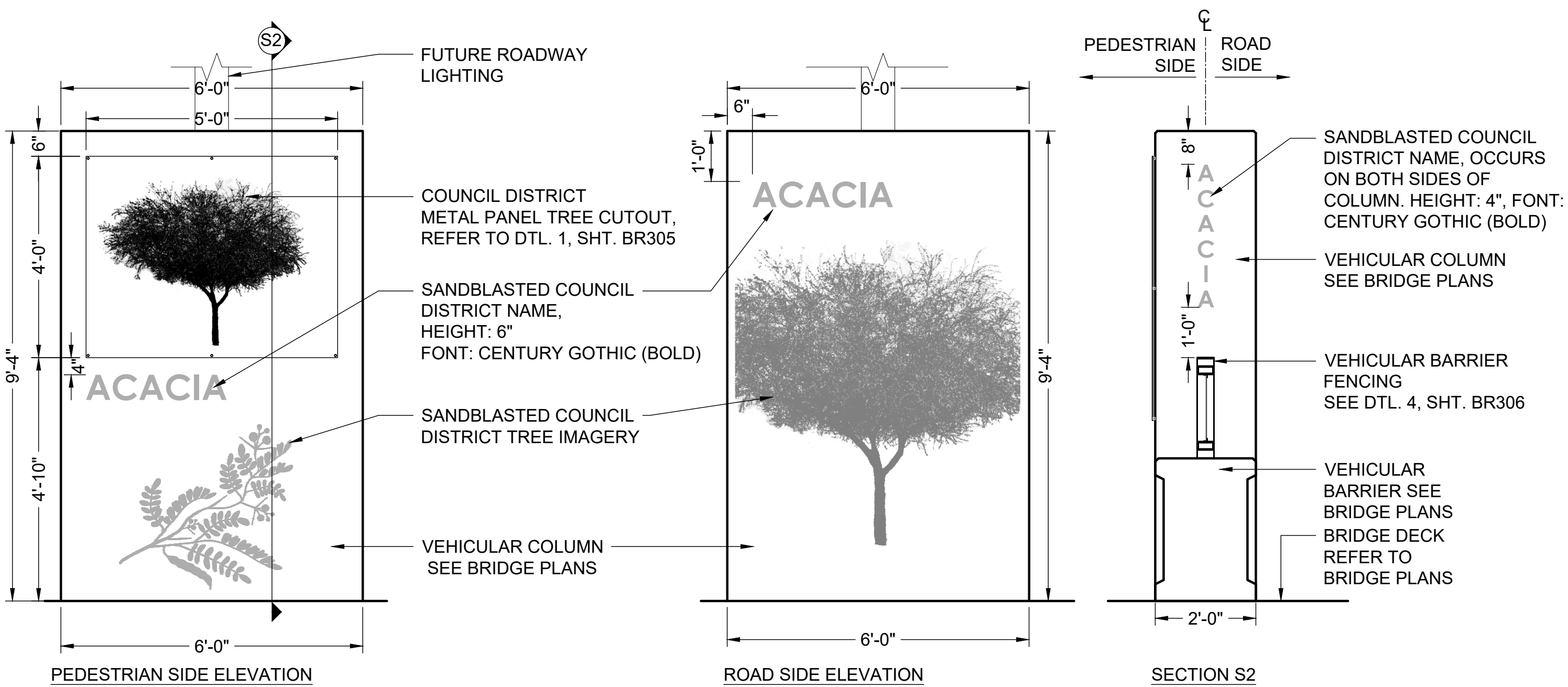
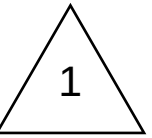


4 DISTRICT COLUMN PANEL - IRONWOOD (N4)
SCALE: NTS

- NOTES:**
- REFER TO SHT. BR301 FOR NOTES ON TREE IMAGERY AND GRAPHICS
 - REFER TO SHT. BR308 FOR PAINT COLOR AND SANDBLASTING FINISHES.

△					
△					
△					
NO.	ADDENDUM 2 REVISION			AH BY	7/2026 DATE
MARICOPA COUNTY DEPARTMENT OF TRANSPORTATION					
NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372					
	BY			DATE	
	DESIGNED	AH		05/06/26	
	DRAWN	KZ		05/06/26	
	CHECKED	AH		05/06/26	
				SHEET BR302	
AESTHETIC BRIDGE DETAILS					

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	219	224	

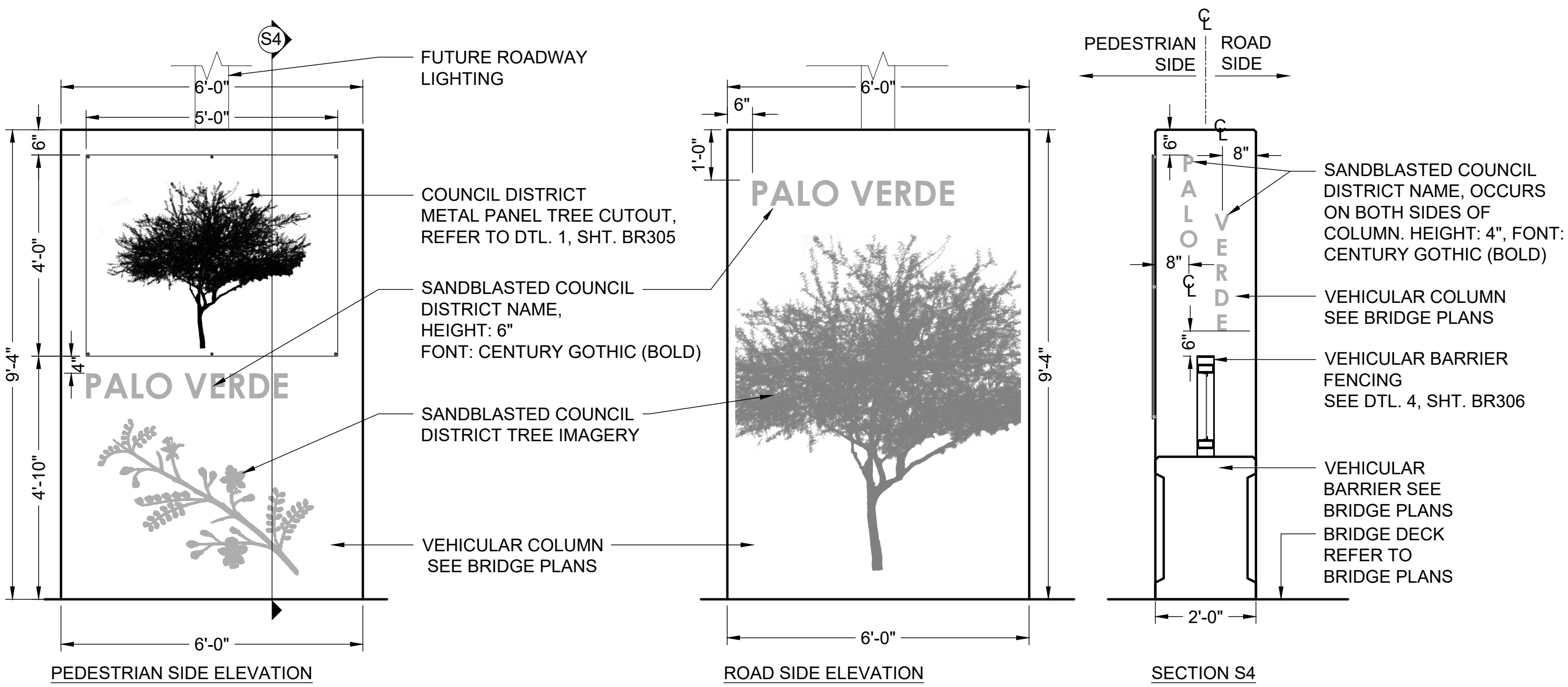


1 DISTRICT COLUMN PANEL - ACACIA (S2)

SCALE: 1/2" = 1'-0"

2 DISTRICT COLUMN PANEL - MESQUITE (S3)

SCALE: 1/2" = 1'-0"



3 DISTRICT COLUMN PANEL - PALO VERDE (S4)

SCALE: 1/2" = 1'-0"

- NOTES:**
- REFER TO SHT. BR301 FOR NOTES ON TREE IMAGERY AND GRAPHICS
 - REFER TO SHT. BR308 FOR PAINT COLOR AND SANDBLASTING FINISHES.



NO.	REVISION	BY	DATE
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NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372			
	DESIGNED	AH	05/06/26
	DRAWN	KZ	05/06/26
	CHECKED	AH	05/06/26
AESTHETIC BRIDGE DETAILS			SHEET BR303

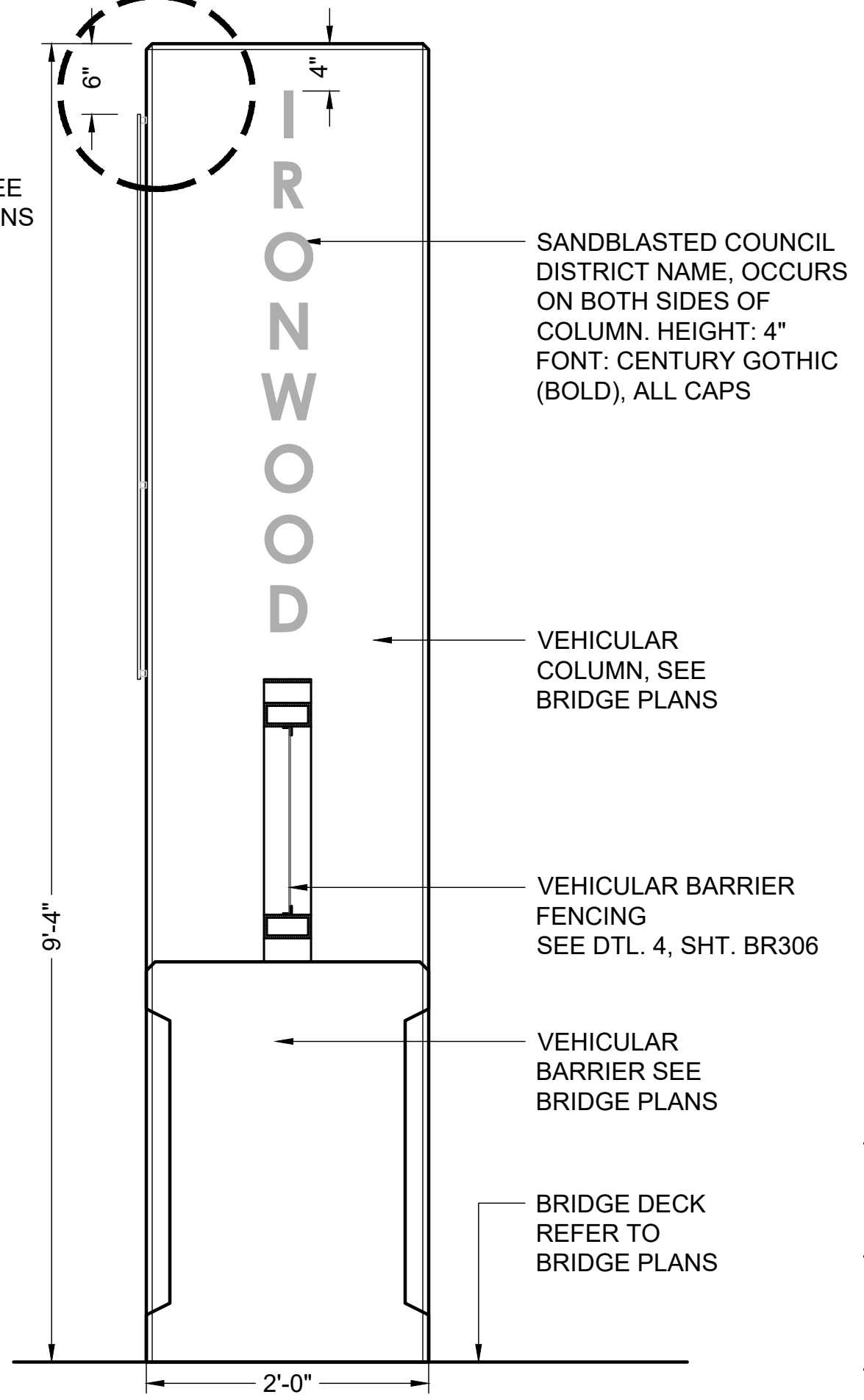
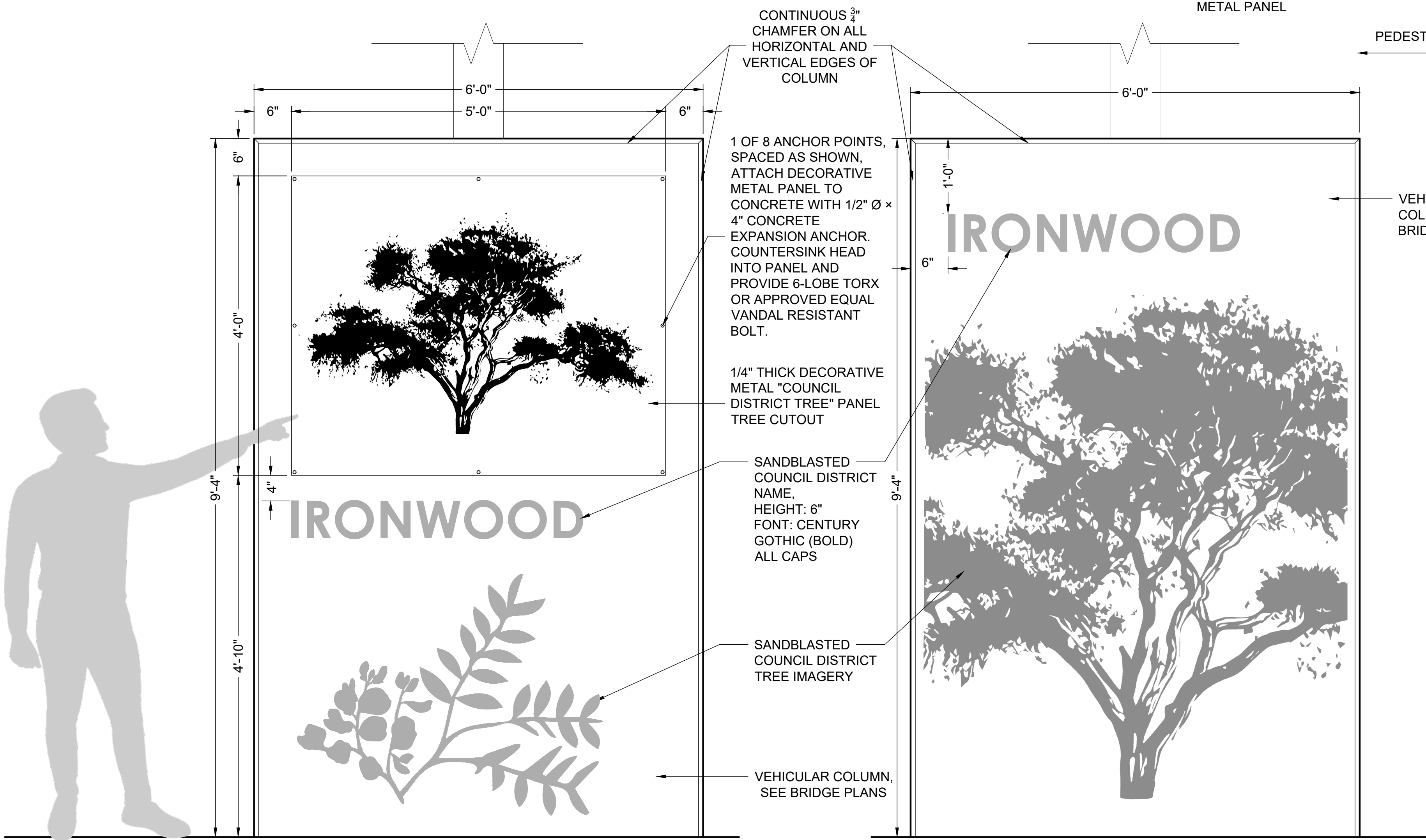
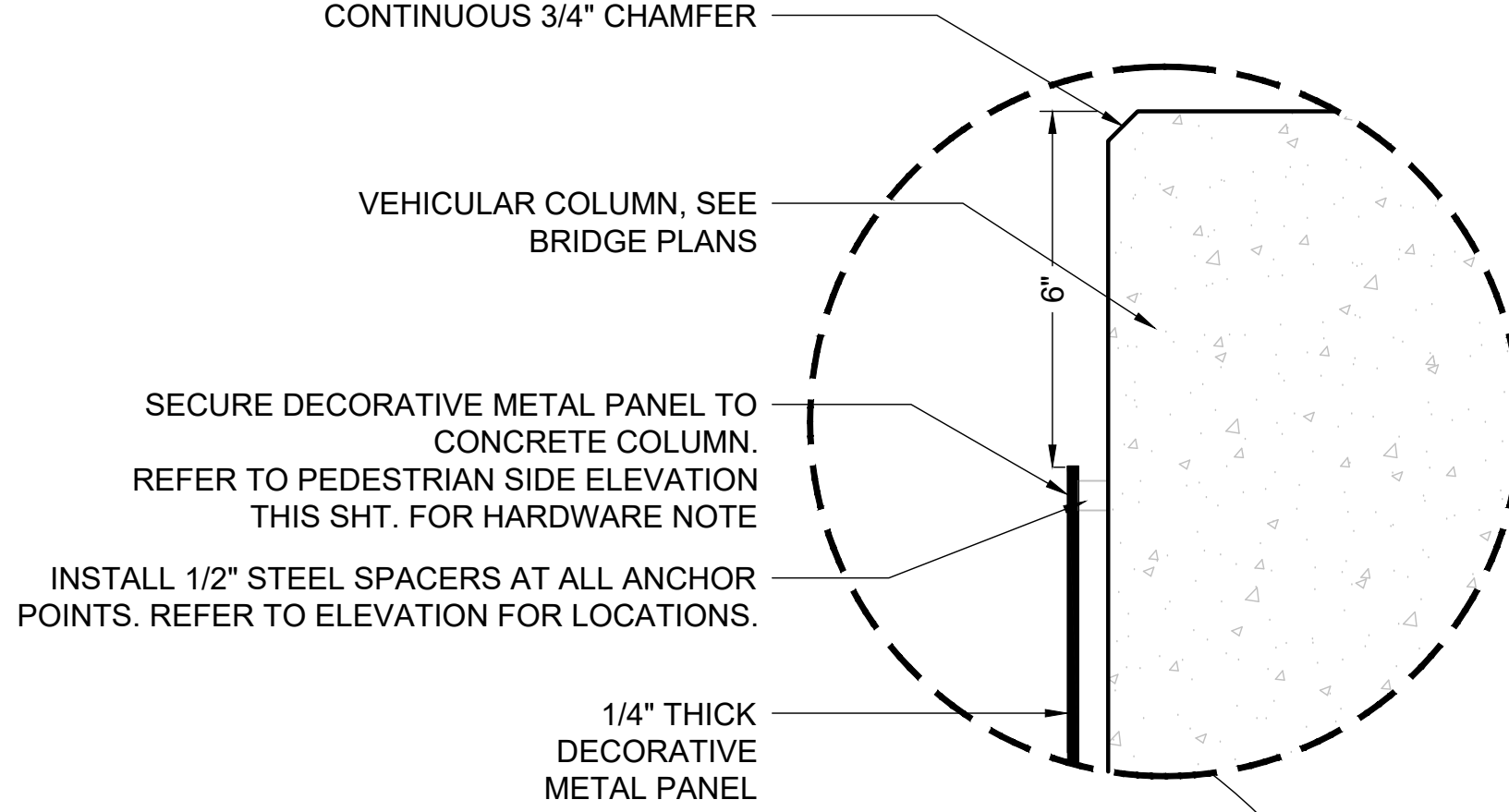
TRACS NO. _____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	221	224	

1

NOTES:

- EACH COUNCIL DISTRICT COLUMN IS UNIQUE REFER TO SHT. BR301 FOR PLACEMENT AND SHTS. BR302 AND BR303 FOR DETAILS.
- REFER TO SHT. BR308 FOR PAINT COLOR AND SANDBLASTING FINISHES.
- REFER TO PAINTING AND SANDBLASTING NOTES ON SHT. BR301



1 DISTRICT COLUMN DETAILS (N2, N3, N4, S2, S3, S4)
SCALE: 1" = 1'-0"

Contact Arizona 811 Two Working Days Before You Dig
ARIZONA811
Call 811 or Click Arizona811.com

NO.	ADDENDUM 2 REVISION	AH BY	7/2026 DATE
MARICOPA COUNTY DEPARTMENT OF TRANSPORTATION			
NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372			
	DESIGNED	AH	05/06/26
	DRAWN	KZ	05/06/26
	CHECKED	AH	05/06/26
			SHEET BR305

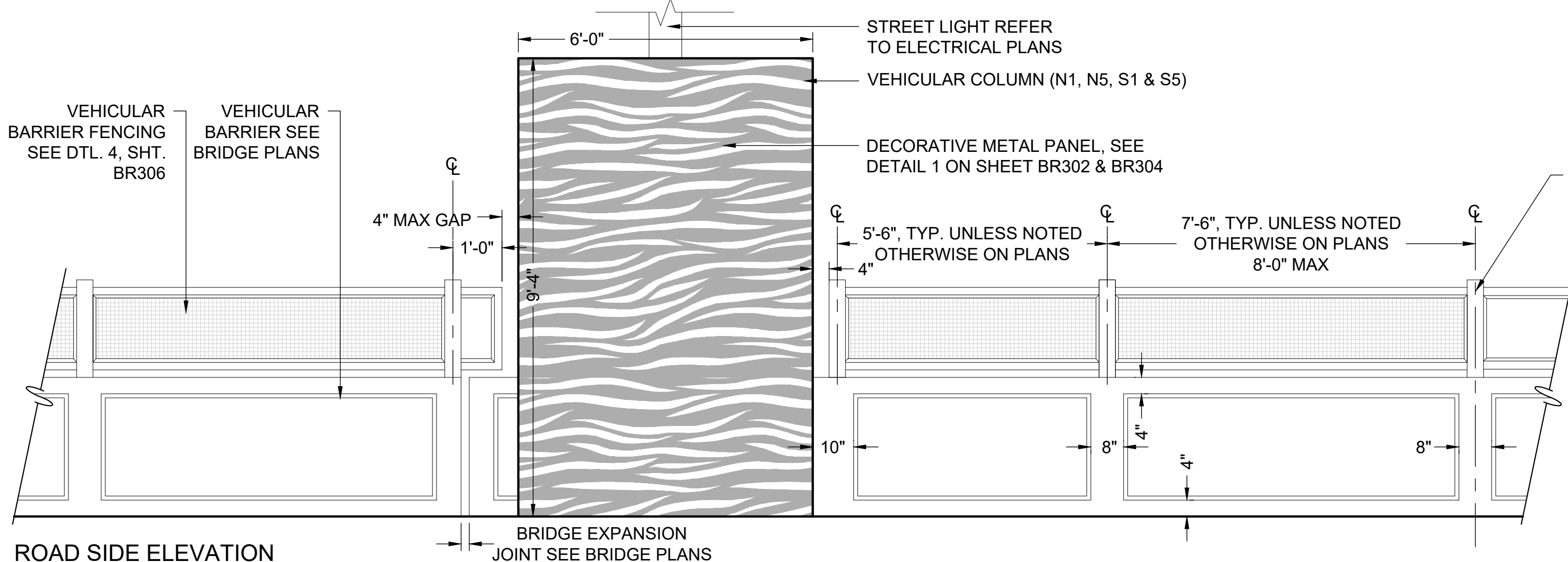
TRACS NO. _____

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\$SPENTBL\$
\$PLTDIV\$

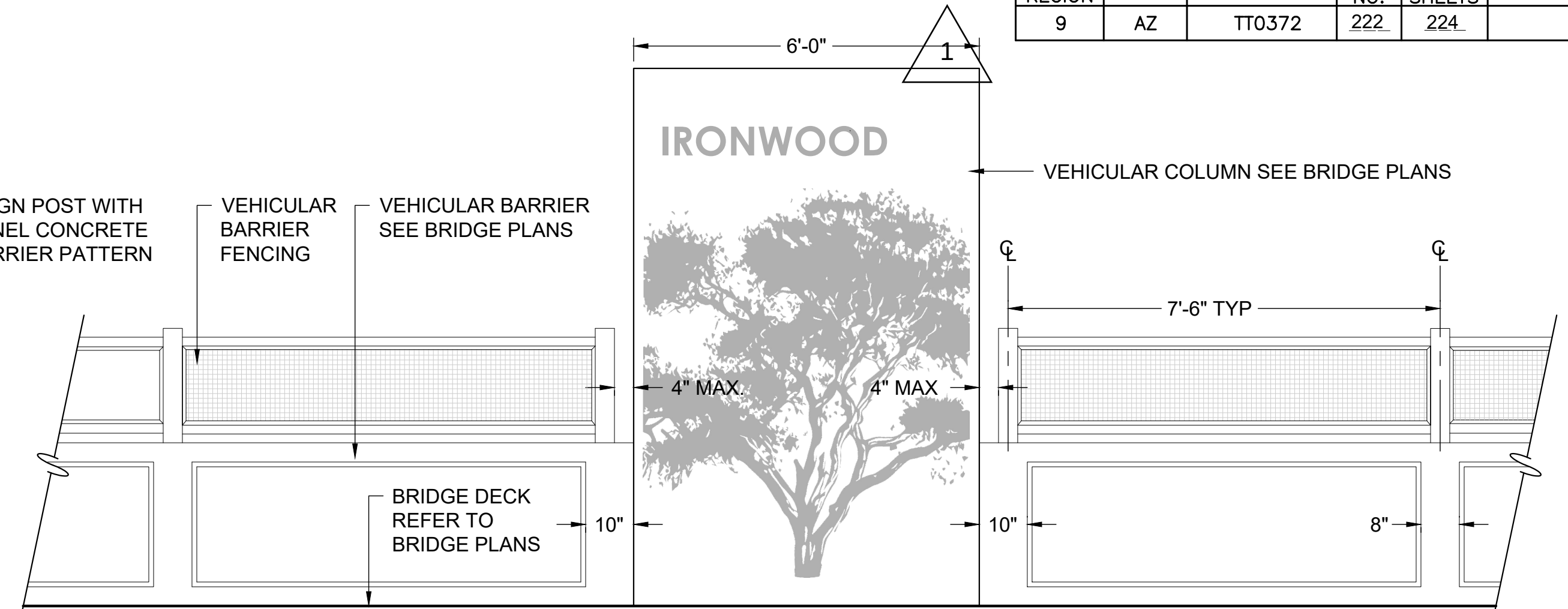
BR305.dwg
P:\141000\N.Parkway Bridge - New River - BR305.dwg

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\$DATES
\$TIMES
\$USERS
\$NAMES
\$FILES

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD	DRAWING
9	AZ	TT0372	222	224		



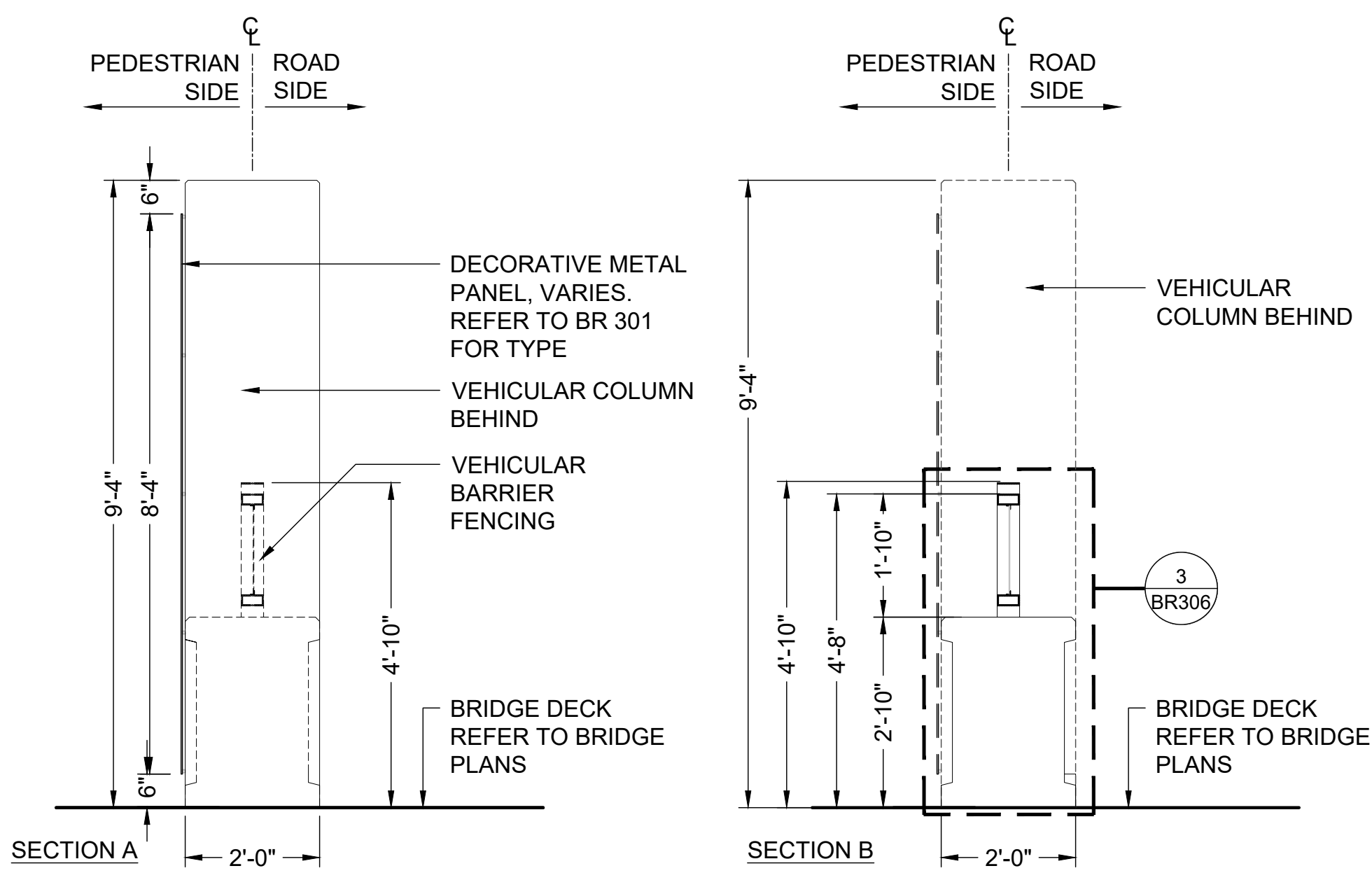
ROAD SIDE ELEVATION



PEDESTRIAN SIDE ELEVATION

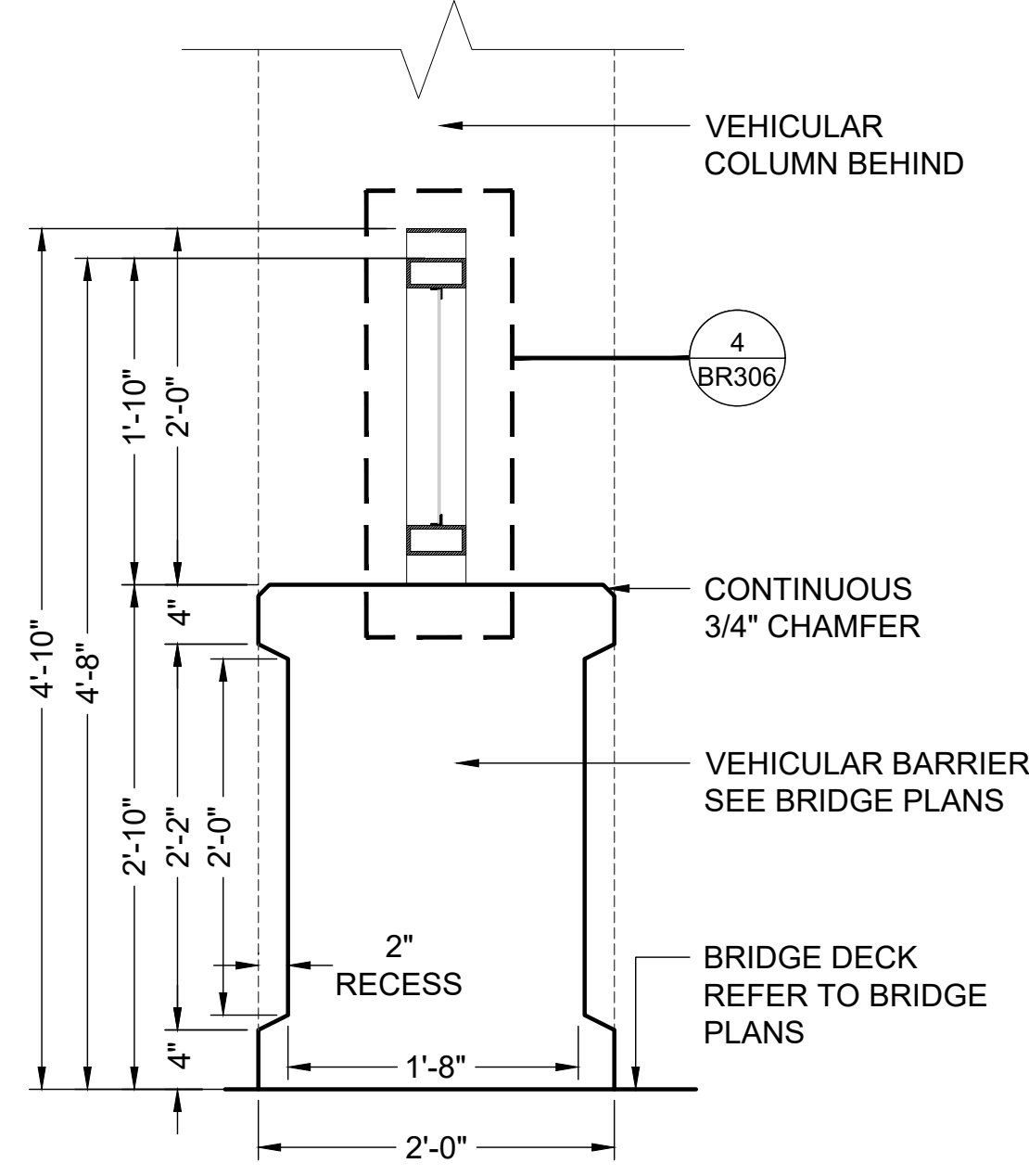
VEHICULAR BARRIER ELEVATION ENLARGEMENT

1
SCALE: 1/2" = 1'-0"



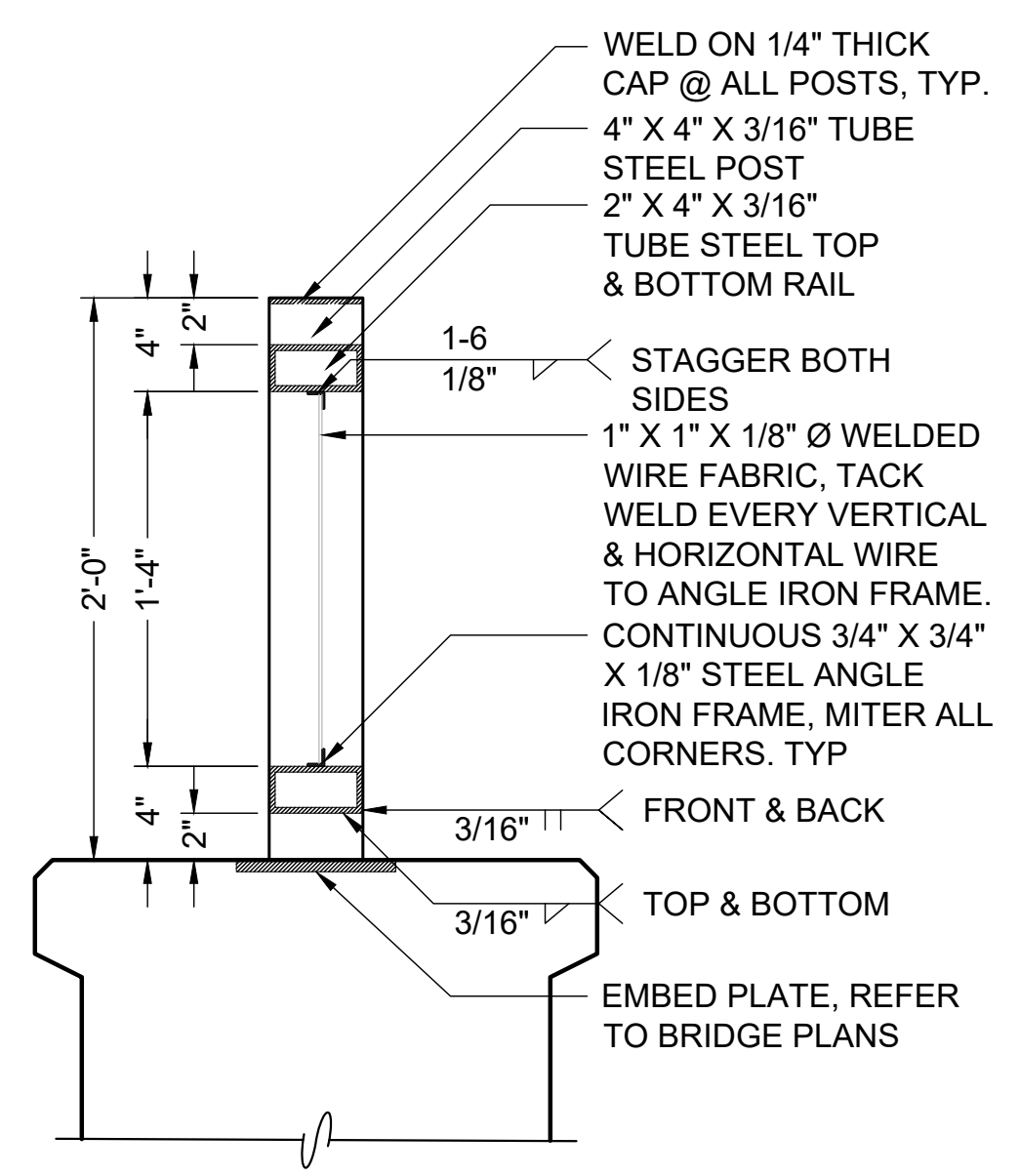
VEHICULAR BARRIER END ELEVATION ENLARGEMENT

2
SCALE: 1/2" = 1'-0"



VEHICULAR BARRIER FENCING FENCE SIDE ELEVATION

3
SCALE: 1" = 1'-0"



VEHICULAR BARRIER FENCING CROSS-SECTION

4
SCALE: 1 1/2" = 1'-0"

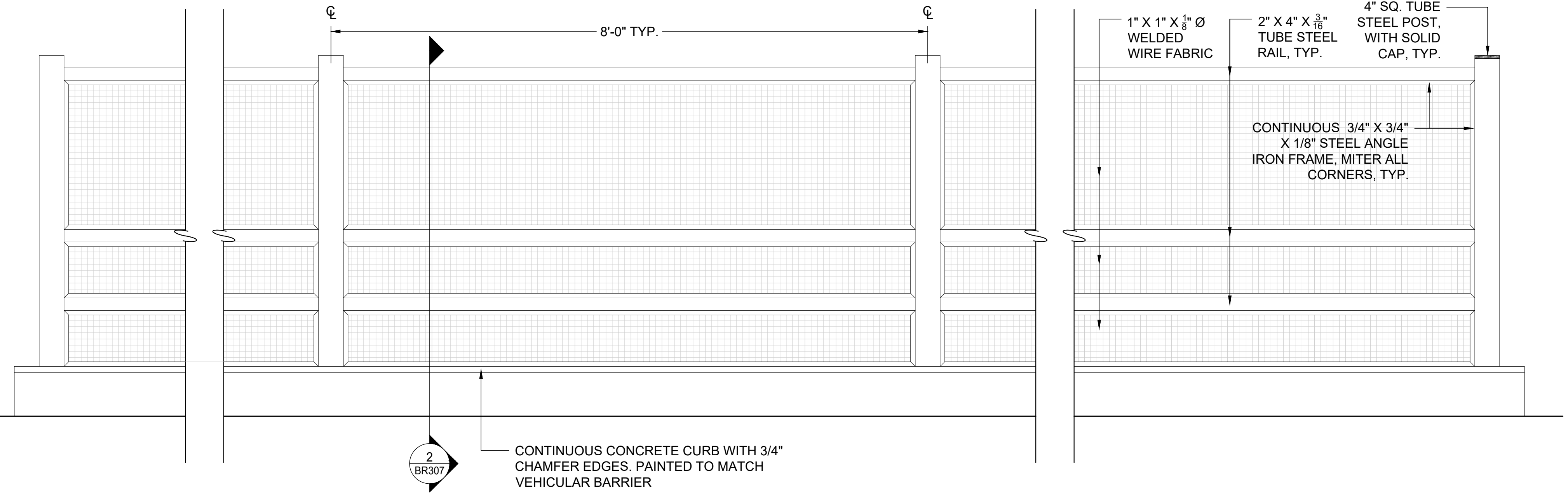


NO.	REVISION	DATE	BY	DATE
ADDENDUM 2	REVISION	7/2026	AH	DATE
MARICOPA COUNTY DEPARTMENT OF TRANSPORTATION				
NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372				
DESIGNED		AH	05/06/26	DATE
DRAWN		KZ	05/06/26	DATE
CHECKED		AH	05/06/26	DATE
BY				DATE
56352 ADAM T. HAWKINS DATE SIGNED: 07/06/26 ARIZONA, U.S.A.				DATE
Design				DATE
AESTHETIC BRIDGE DETAILS				DATE
SHEET BR306				DATE

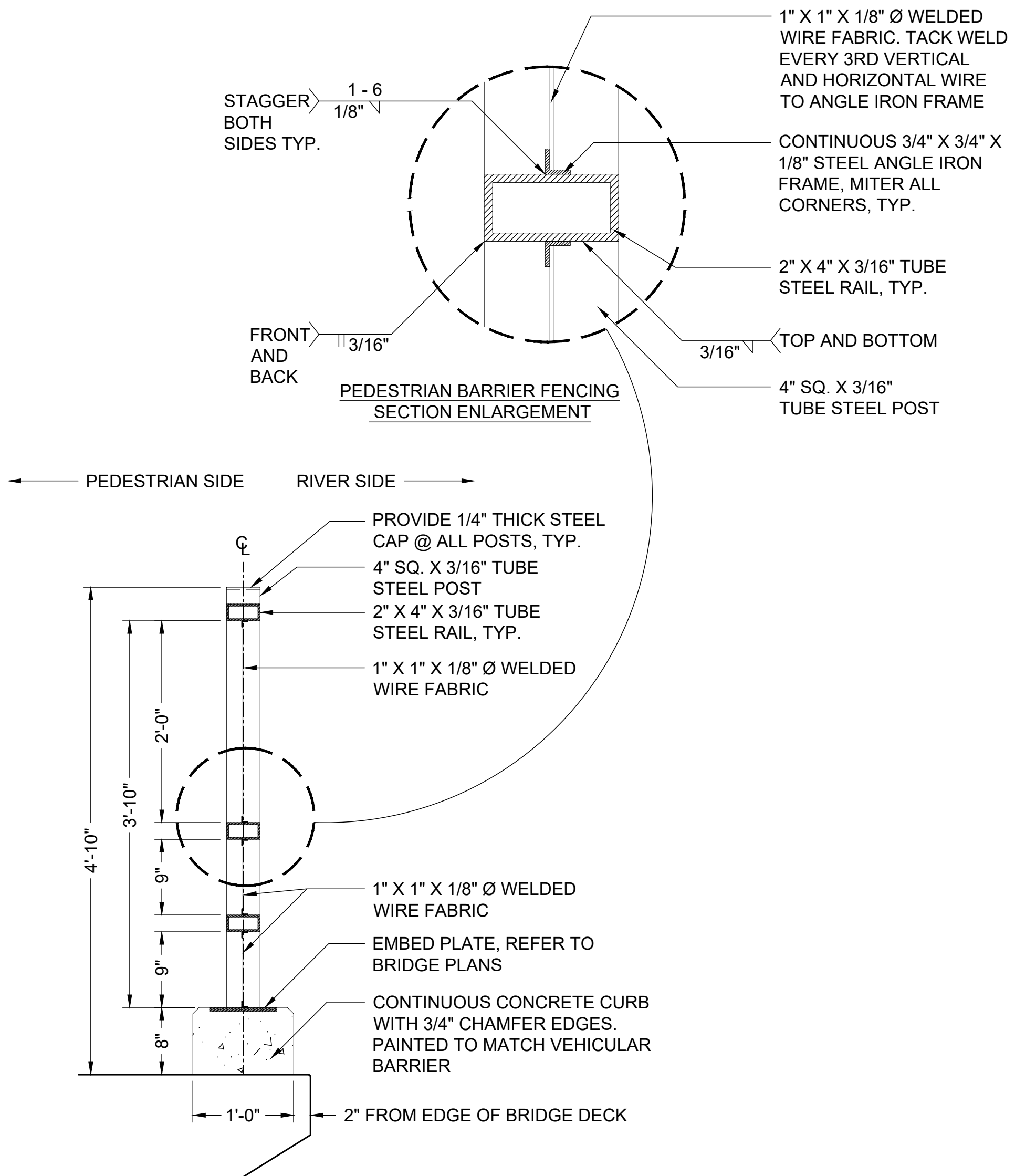
TRACS NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	223	224	

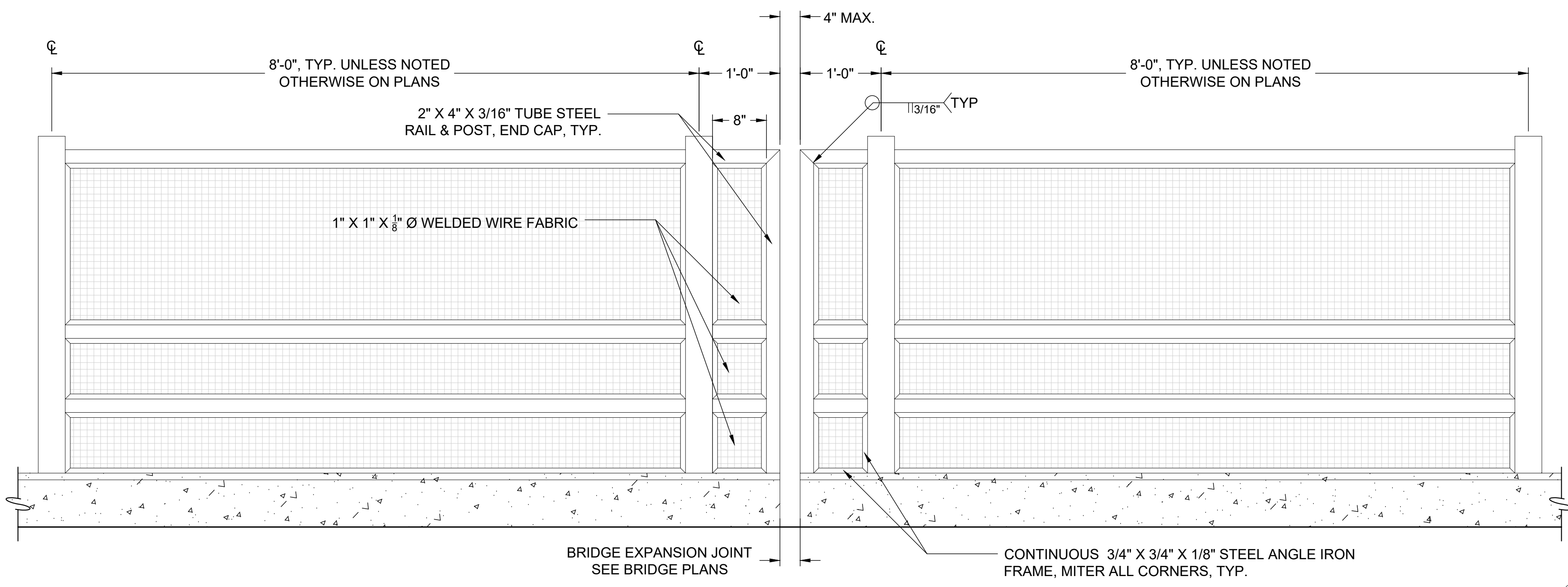
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1 PEDESTRIAN BARRIER FENCING ELEVATION SCALE: 1" = 1'-0"



2 PEDESTRIAN BARRIER FENCING SECTION SCALE: 1" = 1'-0"



3 PEDESTRIAN BARRIER FENCING @ BRIDGE EXPANSION JOINT SCALE: 1" = 1'-0"

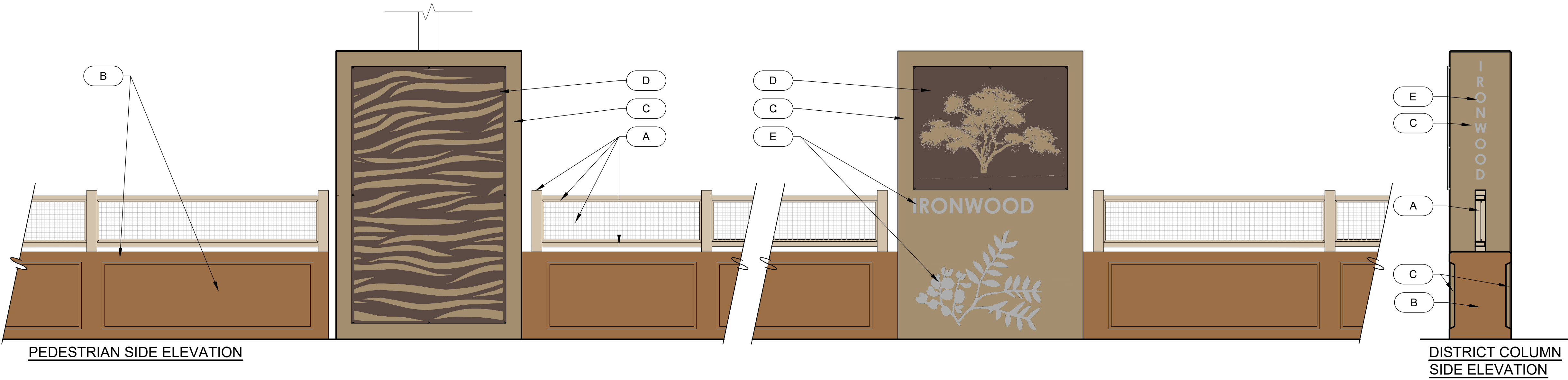


NO.	REVISION	BY	DATE
ADDENDUM 2		AH	7/2026
MARICOPA COUNTY DEPARTMENT OF TRANSPORTATION			
NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372			
	DESIGNED	AH	05/06/26
	DRAWN	KZ	05/06/26
	CHECKED	AH	05/06/26
	BY	DATE	
56352 ADAM T. HAWKINS Date Signed: 07/06/26 ARIZONA, U.S.A.			
AESTHETIC BRIDGE DETAILS			SHEET BR307

TRACS NO. _____

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT0372	224	224	

1

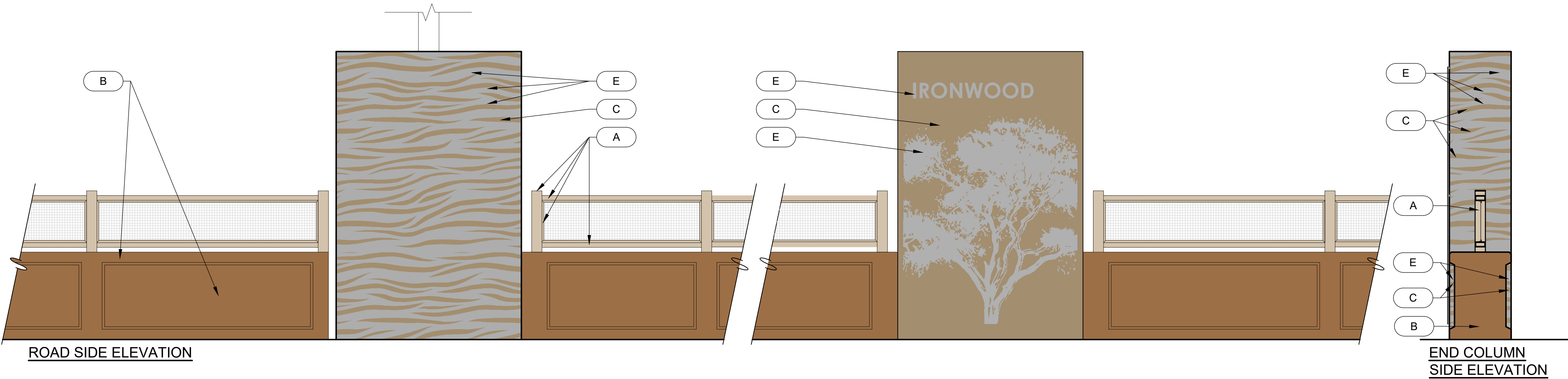


- A DEC761 COCHISE
- B DEA164 AUTUMN BARK
- C DET639 MAPLE BROWN SUGAR
- D DE6042 BEAR IN MIND
- E HEAVY SANDBLAST FINISH

- NOTES:**
- REFER TO SHT. BR301 FOR NOTES ON TREE IMAGERY AND GRAPHICS
 - REFER TO SHT. BR308 FOR PAINT COLOR AND SANDBLASTING FINISHES.

1 BRIDGE AESTHETICS PAINT COLORS & FINISHES

SCALE: 1/2" = 1'-0"



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NORTHERN PARKWAY 103RD AVENUE TO 91ST AVENUE - PHASE 1 PROJECT NO. TT0372			
DESIGNED DRAWN CHECKED	AH KZ AH	BY DATE	05/06/26 05/06/26 05/06/26
Design			SHEET BR308
AESTHETIC BRIDGE DETAILS			
TRACS NO.			