

General Summary

GENERAL SUMMARY			
Project Name:	Rehabilitate Painted Desert Community Complex, Petrified Forest National Park, AZ 86028		
Building Name:	Visitor Center & Admin		
Scope:	Structural Metal Framing		
Date:	46056		
VISITOR CENTER/ADMINISTRATION BUILDING			
No. Of Floors:	2		
BUILDING GSF	7920		
DIVISION NO.	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	GENERAL REQUIREMENTS	1750	0.22095959595959597
5000	METAL	15185.190845000003	1.9173220763888892
TOTAL TRADE COST		16935.190845000005	2.138281672348485
OVERHEAD AND PROFIT	0.2	3387.0381690000013	0.42765633446969703
INSURANCE	0.03	508.0557253500001	0.06414845017045455
CONTINGENCY	0.05	846.7595422500003	0.10691408361742426
TAX	0.045	762.0835880250002	0.09622267525568182
SUGGESTED BID		22439.12786962501	2.8332232158617425
RESIDENTIAL WING			
No. Of Floors:	2		
BUILDING GSF	9592		
DIVISION NO.	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	GENERAL REQUIREMENTS	3100	0.323185988323603
5000	METAL	26923.795606666674	2.8069011266333064
TOTAL TRADE COST		30023.795606666674	3.1300871149569094
OVERHEAD AND PROFIT	0.2	6004.759121333335	0.626017422991382
INSURANCE	0.03	900.7138682000002	0.09390261344870728
CONTINGENCY	0.05	1501.1897803333338	0.1565043557478455
TAX	0.045	1351.0708023000002	0.14085392017306092
SUGGESTED BID		39781.52917883334	4.147365427317905
MAINTENANCE BUILDING			
No. Of Floors:	1		
BUILDING GSF	7757		
DIVISION NO.	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	GENERAL REQUIREMENTS	1750	0.2256026814490138
5000	METAL	15064.366039999999	1.9420350702591207
TOTAL TRADE COST		16814.36604	2.1676377517081344
OVERHEAD AND PROFIT	0.2	3362.8732080000004	0.43352755034162693
INSURANCE	0.03	504.4309812	0.06502913255124403
CONTINGENCY	0.05	840.7183020000001	0.10838188758540673
TAX	0.045	756.6464718	0.09754369882686605
SUGGESTED BID		22279.035003	2.872120021013278
VEHICLE STORAGE BUILDING			
No. Of Floors:	1		
BUILDING GSF	4972		
DIVISION NO.	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	GENERAL REQUIREMENTS	1100	0.22123893805309736
2000	EXISTING CONDITIONS	271.20000000000005	0.05454545454545456
5000	METAL	4511.124422101492	0.9073057968828424
TOTAL TRADE COST		5882.324422101492	1.1830901894813943
OVERHEAD AND PROFIT	0.2	1176.4648844202984	0.2366180378962789
INSURANCE	0.03	176.46973266304477	0.03549270568444183
CONTINGENCY	0.05	294.1162211050746	0.05915450947406972

TAX	0.045	264.7045989945671	0.05323905852666274
SUGGESTED BID		7794.079859284477	1.5675945010628474
HOUSING BLOCK A			
No. Of Floors:	1		
BUILDING GSF	8849		
DIVISION NO.	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	GENERAL REQUIREMENTS	1825	0.2062379929935586
2000	EXISTING CONDITIONS	2034	0.22985648095830039
5000	METAL	8401.059842400002	0.9493795731043058
TOTAL TRADE COST		12260.059842400002	1.3854740470561646
OVERHEAD AND PROFIT	0.2	2452.0119684800006	0.27709480941123293
INSURANCE	0.03	367.80179527200005	0.041564221411684935
CONTINGENCY	0.05	613.0029921200002	0.06927370235280823
TAX	0.045	551.702692908	0.06234633211752741
SUGGESTED BID		16244.579291180004	1.8357531123494182
HOUSING BLOCK C			
No. Of Floors:	1		
BUILDING GSF	17724		
DIVISION NO.	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	GENERAL REQUIREMENTS	2075	0.11707289550891446
2000	EXISTING CONDITIONS	2034	0.11475964793500339
5000	METAL	15871.124001600001	0.8954594900473934
TOTAL TRADE COST		19980.1240016	1.1272920334913112
OVERHEAD AND PROFIT	0.2	3996.0248003200004	0.22545840669826225
INSURANCE	0.03	599.403720048	0.03381876100473934
CONTINGENCY	0.05	999.0062000800001	0.05636460167456556
TAX	0.045	899.1055800720001	0.050728141507109005
SUGGESTED BID		26473.66430212	1.4936619443759875
COVERED WALKWAY CANOPY			
BUILDING GSF	487		
DIVISION NO.	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	GENERAL REQUIREMENTS	600	1.2320328542094456
2000	EXISTING CONDITIONS	1084.8	2.2275154004106774
5000	METAL	1293.7736	2.6566193018480493
TOTAL TRADE COST		2978.5735999999997	6.116167556468172
OVERHEAD AND PROFIT	0.2	595.7147199999999	1.2232335112936346
INSURANCE	0.03	89.35720799999999	0.18348502669404515
CONTINGENCY	0.05	148.92867999999999	0.30580837782340864
TAX	0.045	134.035812	0.2752275400410677
SUGGESTED BID		3946.6100199999996	8.103922012320329

Visitor Center & Admin

DETAILED BREAKDOWN OF ITEMS															
Project Name:	Rehabilitate Painted Desert Community Complex, Petrified Forest National Park, AZ 86028														
Building Name:	Visitor Center & Admin														
Scope:	Structural Metal Framing														
												Date:	2026-02-03 00:00:00+00:00		
SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST		
				GENERAL REQUIREMENTS										LABOR COST	MATERIAL COST
1			Permits	LS	1	0	1	0	0	0	0	0	0	0	0
2			Supervision and Coordination	LS	1	0	1	0	0	0	0	0	0	0	0
3			Submittals and Shop drawings	LS	1	0	1	0	0	0	0	0	0	0	0
4			Final Cleaning	LS	1	0	1	0	0	0	0	0	0	0	0
5			Mobilization Costs	LS	1	0	1	0	0	0	0	0	0	0	0
6			Temporary Control & Facilities	LS	1	0	1	35	50	1750	0	1750	1750	0	0
7			Scaffolding	LS	1	0	1	0	0	0	0	0	0	0	0
												SUBTOTAL	1750	0	0
														0	0
				METAL										0	0
			STRUCTURAL FRAMING											0	0
	S201, S202, S204	Plan Notes	POSTS											0	0
8			HSS4x4x1/4 Steel Post (11'-0" H, 2 EA)	LBS	268.62	0.1	295.482	0.02	76	1.52	1.75	3.27	966.226140000001	0	0
			BEAMS											0	0
9			HSS4x3x1/4 Steel Beam - 40 LF	LBS	420.4	0.1	462.44	0.02	76	1.52	1.75	3.27	1512.1788	0	0
10			HSS4x4x1/4 Steel Beam - 89 LF	LBS	1086.69	0.1	1195.3590000000002	0.02	76	1.52	1.75	3.27	3908.8239300000005	0	0
11			HSS8x4x1/4 Steel Beam - 20 LF	LBS	380.4	0.1	418.44	0.02	76	1.52	1.75	3.27	1368.2988	0	0
12			HSS3x3x1/4x6" L Stub - 15 EA	LBS	66.075	0.1	72.6825	0.02	76	1.52	1.75	3.27	237.67177500000003	0	0
13			W8x10 Steel Beam - 9 LF	LBS	90	0.1	99	0.02	76	1.52	1.75	3.27	323.73	0	0
14			W10x12 Steel Beam - 20 LF	LBS	240	0.1	264	0.02	76	1.52	1.75	3.27	863.28	0	0
			ANGLES											0	0
15			L6x4x5/16 Steel Angle - 40 LF	LBS	412	0.1	453.2	0.02	76	1.52	1.75	3.27	1481.964	0	0
16			L4x4x1/4 Steel Angle - 25 LF	LBS	165	0.1	181.5	0.02	76	1.52	1.75	3.27	593.505	0	0
			ROOF DECK											0	0
17			20 GA x 1.5 B Steel Roof Deck	SF	51	0.1	56.1	0.03	76	2.28	3.44	5.72	320.892	0	0
18			18 GA x 1.5VL-36 Grade 50 Metal Deck	SF	96	0.1	105.6	0.03	76	2.28	4.12	6.4	675.84	0	0
			STEEL PLATES											0	0
19			(4" x 4" x 1/2") Steel End Plate	EA	15	0	15	0.36960000000000004	76	28.08960000000000004	18.48	46.5696000000000001	698.54400000000001	0	0
20			(20" x 4" x 5/8") Steel Base Plate W/ (4) 5/8" Dia x 8" Epoxy Threaded Rods	EA	2	0	2	1.2653999999999999	76	96.17039999999999	70.3	166.47039999999998	332.94079999999997	0	0

21			(8" x 8" x 1/2") Steel Cap Plate W/ (4) 3/4" Dia Bolts	EA	2	0	2	1.0942	76	83.1592	54.71	137.8692	275.7384	0	0
22			(6" x 6" x 1/2") Steel End Plate W/ (4) 3/4" Dia Bolts	EA	1	0	1	0.6724	76	51.1024	33.62	84.7224	84.7224	0	0
23			5/16" Thk Shear Plate W/ (2) 3/4" Dia Bolts	EA	4	0	4	0.5404	76	41.0704	27.02	68.0904	272.3616	0	0
24			(7" x 11" x 1/2") Steel End Plate W/ (4) 1/2" Dia ACR-1 Anchors	EA	1	0	1	1.1026	76	83.7976	55.13	138.9276	138.9276	0	0
25			(8" x 9" x 1/2") Steel End Plate W/ (4) 1/2" Dia x 6 ACR-1 Anchors	EA	2	0	2	1.03900000000000 001	76	78.964000000000 01	51.95	130.9140000000 002	261.8280000000 003	0	0
26			(4" x 8" x 5/16") Shear Tab W/ (2) 3/4" A325-N Bolts	EA	1	0	1	0.49093333333333 3333	76	37.310933333333 33	24.546666666666 667	61.8576	61.8576	0	0
			BOLTS											0	0
27			1/2" Dia x 4" Epoxy Bolts	EA	21	0	21	0.11	76	8.36	9.86	18.22	382.62	0	0
28			3/4" Dia x 6 Epoxy Anchor Bolts	EA	4	0	4	0.145	76	11.02	12.59	23.61	94.44	0	0
29			1/2" Dia x 4" DP WHS	EA	20	0	20	0.11	76	8.36	8.08	16.439999999999 998	328.7999999999 995	0	0
														0	0
												SUBTOTAL	15185.190845000 003	0	0
PROJECTED COST													16935.190845000 005		
OVERHEAD AND PROFIT												0.2	3387.0381690000 013		
INSURANCE												0.03	508.05572535000 01		
CONTINGENCY												0.05	846.75954225000 03		
TAX												0.045	762.08358802500 02		
SUGGESTED BID													22439.127869625 01		

Residential Wing

DETAILED BREAKDOWN OF ITEMS															
Project Name:	Rehabilitate Painted Desert Community Complex, Petrified Forest National Park, AZ 86028														
Building Name:	Residential Wing														
Scope:	Structural Metal Framing														
												Date:	2026-02-03 00:00:00+00:00		
SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST		
				GENERAL REQUIREMENTS										LABOR COST	MATERIAL COST
1			Permits	LS	1	0	1	0	0	0	0	0	0	0	0
2			Supervision and Coordination	LS	1	0	1	0	0	0	0	0	0	0	0
3			Submittals and Shop drawings	LS	1	0	1	0	0	0	0	0	0	0	0
4			Final Cleaning	LS	1	0	1	0	0	0	0	0	0	0	0
5			Mobilization Costs	LS	1	0	1	0	0	0	0	0	0	0	0
6			Temporary Control & Facilities	LS	1	0	1	62	50	3100	0	3100	3100	0	0
7			Scaffolding	LS	1	0	1	0	0	0	0	0	0	0	0
												SUBTOTAL	3100	0	0
														0	0
				METAL										0	0
			STRUCTURAL FRAMING											0	0
	S203, S205	Plan Notes	POSTS											0	0
8			HSS6x4x3/8 Steel Post (11'-0" H, 1 EA)	LBS	246.0700000000002	0.1	270.677	0.02	76	1.52	1.75	3.27	885.1137900000001	0	0
			STEEL PLATES											0	0
9			(10" x 7" x 1/2") Steel Base Plate W/ (4) 5/8" Dia x 8" Epoxy Anchors	EA	1	0	1	1.1848	76	90.04480000000001	59.24	149.2848000000002	149.2848000000002	0	0
10			(8" x 8" x 1/2") Steel Cap Plate W/ (4) 3/4" Dia Bolts	EA	1	0	1	1.0942	76	83.1592	54.71	137.8692	137.8692	0	0
			MECHANICAL SCREEN FRAMING											0	0
11			L3x3x1/4 Steel Angle - 266 LF	LBS	1303.4	0.1	1433.74	0.02	76	1.52	1.75	3.27	4688.3298	0	0
12			HSS3x3x3/16 Steel Post (3'-0" H, 33 EA)	LBS	680.13	0.1	748.143	0.02	76	1.52	1.75	3.27	2446.42761	0	0
13			(11" x 11" x 3/8") Steel Base Plate W/ (4) 1/4" x 4" Dia Lag Screw	EA	33	0	33	1.20878	76	91.86728	63.62	155.48728	5131.08024	0	0
14			(3" x 1/4") Steel Cap Plate_x000D_	LF	133	0.1	146.3	0.135	76	10.260000000000002	7.793333333333333	18.053333333333335	2641.2026666666667	0	0
15			(2'-6" H) Aluminium Mechanical Screen	LF	133	0.1	146.3	0.375	76	28.5	45.625	74.125	10844.487500000001	0	0
														0	0
												SUBTOTAL	26923.795606666674	0	0
PROJECTED COST													30023.795606666674		
OVERHEAD AND PROFIT												0.2	6004.759121333335		

INSURANCE												0.03	900.7138682000002		
CONTINGENCY												0.05	1501.1897803333338		
TAX												0.045	1351.0708023000002		
SUGGESTED BID													39781.52917883334		

Maintenance Building

[illegible]

18			W8x21 Steel Beam - 28 LF	LBS	588	0.1	646.8	0.02	76	1.52	1.75	3.27	2115.036	0	0
19			HSS2-1/2x2x3/16 Steel Beam - 28 LF	LBS	138.88	0.1	152.768	0.02	76	1.52	1.75	3.27	499.55136	0	0
			DECK											0	0
20			Steel Deck	SF	250	0.1	275	0.03	76	2.28	3.44	5.72	1573	0	0
			STEEL PLATES											0	0
21			(9" x 18" x 1") Steel Base Plate W/ (4) 5/8" Dia x 12" Anchor Rods	EA	3	0	3	1.336949999999999	76	101.6081999999998	89.13	190.7381999999998	572.2145999999999	0	0
22			(12" x 12" x 1/2") Steel Base Plate W/ (4) 1/2" Dia Bolts	EA	3	0	3	1.34835	76	102.4746	89.89	192.3646	577.0938	0	0
23			(7" x 11" x 1/2") Steel End Plate W/ (4) 1/2" Dia ACR-1 Anchors	EA	6	0	6	1.1026	76	83.7976	55.13	138.9276	833.5656000000001	0	0
														0	0
												SUBTOTAL	15064.366039999999	0	0
PROJECTED COST													16814.36604		
OVERHEAD AND PROFIT												0.2	3362.8732080000004		
INSURANCE												0.03	504.4309812		
CONTINGENCY												0.05	840.7183020000001		
TAX												0.045	756.6464718		
SUGGESTED BID													22279.035003		

Vehicle Storage Bldg.

DETAILED BREAKDOWN OF ITEMS															
Project Name:	Rehabilitate Painted Desert Community Complex, Petrified Forest National Park, AZ 86028														
Building Name:	Vehicle Storage Bldg.														
Scope:	Structural Metal Framing														
												Date:	2026-02-03 00:00:00+00:00		
SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST		
				GENERAL REQUIREMENTS										LABOR COST	MATERIAL COST
1			Permits	LS	1	0	1	0	0	0	0	0	0	0	0
2			Supervision and Coordination	LS	1	0	1	0	0	0	0	0	0	0	0
3			Submittals and Shop drawings	LS	1	0	1	0	0	0	0	0	0	0	0
4			Final Cleaning	LS	1	0	1	0	0	0	0	0	0	0	0
5			Mobilization Costs	LS	1	0	1	0	0	0	0	0	0	0	0
6			Temporary Control & Facilities	LS	1	0	1	22	50	1100	0	1100	1100	0	0
7			Scaffolding	LS	1	0	1	0	0	0	0	0	0	0	0
												SUBTOTAL	1100	0	0
														0	0
				EXISTING CONDITIONS										0	0
			DEMOLITION											0	0
8	S101	Plan Notes	Remove Existing Steel Column (12'-0" H)	EA	1	0	1	4.8000000000000001	56.5	271.200000000000005	0	271.200000000000005	271.200000000000005	0	0
														0	0
												SUBTOTAL	271.200000000000005	0	0
														0	0
				METAL										0	0
			STRUCTURAL FRAMING											0	0
	S101, S201, S202	Plan Notes	POSTS											0	0
9			3" Dia Steel Pipe Post (11'-0" H)	EA	2	0	2	3.8499999999999999	76	292.59999999999997	257.400000000000003	550	1100	0	0
			STEEL PLATES											0	0
10			(8" x 8" x 3/8") Steel Base Plate W/ (4) 3/4" Dia x 6" Epoxy Bolts	EA	2	0	2	0.8516	76	64.7216	42.58	107.3016	214.6032	0	0
11			(4" x 8-1/2" x 3/8") Steel Cap Plate W/ (4) 1/2" Dia Thru Bolts	EA	2	0	2	0.5132	76	39.0032	25.66	64.6632	129.3264	0	0
			ANGLES											0	0
12			L4x4x3/16 Steel Angle - 64 LF	LBS	480	0.1	528	0.02	76	1.52	1.75	3.27	1726.56	0	0
			CONNECTIONS											0	0
13			L8x8x1/2x0'-10" W/ (2) 5" ACR-3 Anchors - 9 EA	LBS	194.11919999999998	0.1	213.53112	0.02	76	1.52	1.75	3.27	698.2467624	0	0
14			6" ACR-1 Anchors	EA	47.76119402985074	0	47.76119402985074	0.085	76	6.4600000000000001	6.99	13.450000000000001	642.3880597014926	0	0
														0	0
												SUBTOTAL	4511.124422101492	0	0
PROJECTED COST													5882.324422101492		

OVERHEAD AND PROFIT												0.2	1176.4648844202984		
INSURANCE												0.03	176.46973266304477		
CONTINGENCY												0.05	294.1162211050746		
TAX												0.045	264.7045989945671		
SUGGESTED BID													7794.079859284477		

Housing Block A

DETAILED BREAKDOWN OF ITEMS															
Project Name:	Rehabilitate Painted Desert Community Complex, Petrified Forest National Park, AZ 86028														
Building Name:	Housing Block A														
Scope:	Structural Metal Framing														
												Date:	2026-02-03 00:00:00+00:00		
SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST		
				GENERAL REQUIREMENTS										LABOR COST	MATERIAL COST
1			Permits	LS	1	0	1	0	0	0	0	0	0	0	0
2			Supervision and Coordination	LS	1	0	1	0	0	0	0	0	0	0	0
3			Submittals and Shop drawings	LS	1	0	1	0	0	0	0	0	0	0	0
4			Final Cleaning	LS	1	0	1	0	0	0	0	0	0	0	0
5			Mobilization Costs	LS	1	0	1	0	0	0	0	0	0	0	0
6			Temporary Control & Facilities	LS	1	0	1	36.5	50	1825	0	1825	1825	0	0
7			Scaffolding	LS	1	0	1	0	0	0	0	0	0	0	0
												SUBTOTAL	1825	0	0
														0	0
				EXISTING CONDITIONS										0	0
			DEMOLITION											0	0
8	S102	Plan Notes	Remove Existing Steel Column (9'-0" H)	EA	10	0	10	3.6	56.5	203.4	0	203.4	2034	0	0
														0	0
												SUBTOTAL	2034	0	0
														0	0
				METAL										0	0
			STRUCTURAL FRAMING											0	0
	S301, S501, S502, S503	Plan Notes	POSTS											0	0
9			HSS5x2x1/4 Steel Post (9'-0" H, 6 EA)	LBS	567.54	0.1	624.294	0.02	76	1.52	1.75	3.27	2041.44138	0	0
10			HSS3x3x3/16 Steel Post (9'-0" H, 6 EA)	LBS	370.98	0.1	408.0780000000003	0.02	76	1.52	1.75	3.27	1334.41506	0	0
			STEEL PLATES											0	0
11			(5-1/2" x 6-1/2" x 3/8") Steel Base Plate W/ (2) 6" ACR1 Anchor Bolts	EA	6	0	6	0.532	76	40.432	26.6	67.03200000000001	402.19200000000006	0	0
12			(6" x 6" x 3/8") Steel Base Plate W/ (2) 6" ACR1 Anchor Bolts	EA	6	0	6	0.5347999999999999	76	40.6448	26.74	67.3848	404.3088	0	0
			CONNECTIONS											0	0
13			L8x8x1/2x0'-10" W/ (2) 5" ACR-3 Anchors - 48 EA	LBS	1035.3023999999998	0.1	1138.8326399999999	0.02	76	1.52	1.75	3.27	3723.9827327999997	0	0
14			L4x4x3/16x0'-4" Angle Connection W/1/2" Dia x 3" Lag Screw - 48 EA	LBS	122.4	0.1	134.64000000000001	0.02	76	1.52	1.75	3.27	440.27280000000001	0	0

15			L3x3x3/16x0'-4" Angle Connection W/(2) #10" x 1/3" Screws - 12 EA	LBS	15.136800000000 001	0.1	16.65048	0.02	76	1.52	1.75	3.27	54.447069600000 006	0	0
														0	0
												SUBTOTAL	8401.0598424000 02	0	0
PROJECTED COST													12260.059842400 002		
OVERHEAD AND PROFIT												0.2	2452.0119684800 006		
INSURANCE												0.03	367.80179527200 005		
CONTINGENCY												0.05	613.00299212000 02		
TAX												0.045	551.702692908		
SUGGESTED BID													16244.579291180 002		

Housing Block C

DETAILED BREAKDOWN OF ITEMS															
Project Name:	Rehabilitate Painted Desert Community Complex, Petrified Forest National Park, AZ 86028														
Building Name:	Housing Block C														
Scope:	Structural Metal Framing														
												Date:	2026-02-03 00:00:00+00:00		
SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST		
				GENERAL REQUIREMENTS										LABOR COST	MATERIAL COST
1			Permits	LS	1	0	1	0	0	0	0	0	0	0	0
2			Supervision and Coordination	LS	1	0	1	0	0	0	0	0	0	0	0
3			Submittals and Shop drawings	LS	1	0	1	0	0	0	0	0	0	0	0
4			Final Cleaning	LS	1	0	1	0	0	0	0	0	0	0	0
5			Mobilization Costs	LS	1	0	1	0	0	0	0	0	0	0	0
6			Temporary Control & Facilities	LS	1	0	1	41.5	50	2075	0	2075	2075	0	0
7			Scaffolding	LS	1	0	1	0	0	0	0	0	0	0	0
												SUBTOTAL	2075	0	0
														0	0
				EXISTING CONDITIONS										0	0
			DEMOLITION											0	0
8	S102	Plan Notes	Remove Existing Steel Column (9'-0" H)	EA	10	0	10	3.6	56.5	203.4	0	203.4	2034	0	0
														0	0
												SUBTOTAL	2034	0	0
														0	0
				METAL										0	0
			STRUCTURAL FRAMING											0	0
	S301, S501, S502, S503, S504, S505, S506	Plan Notes	POSTS											0	0
9			HSS5x2x1/4 Steel Post (9'-0" H, 12 EA)	LBS	1135.08	0.1	1248.588	0.02	76	1.52	1.75	3.27	4082.88276	0	0
10			HSS3x3x3/16 Steel Post (9'-0" H, 12 EA)	LBS	741.96	0.1	816.156000000001	0.02	76	1.52	1.75	3.27	2668.83012	0	0
			STEEL PLATES											0	0
11			(5-1/2" x 6-1/2" x 3/8") Steel Base Plate W/ (2) 6" ACR1 Anchor Bolts	EA	12	0	12	0.532	76	40.432	26.6	67.0320000000001	804.384000000001	0	0
12			(6" x 6" x 3/8") Steel Base Plate W/ (2) 6" ACR1 Anchor Bolts	EA	12	0	12	0.534799999999999	76	40.6448	26.74	67.3848	808.6176	0	0
			CONNECTIONS											0	0
13			L8x8x1/2x0'-10" W/ (2) 5" ACR-3 Anchors - 84 EA	LBS	1811.7792	0.1	1992.95712	0.02	76	1.52	1.75	3.27	6516.9697824	0	0
14			L4x4x3/16x0'-4" Angle Connection W/1/2" Dia x 3" Lag Screw - 96 EA	LBS	244.8	0.1	269.2800000000003	0.02	76	1.52	1.75	3.27	880.545600000001	0	0

15			L3x3x3/16x0'-4" Angle Connection W/(2) #10" x 1/3" Screws - 24 EA	LBS	30.273600000000 002	0.1	33.30096	0.02	76	1.52	1.75	3.27	108.89413920000 001	0	0
														0	0
												SUBTOTAL	15871.124001600 001	0	0
PROJECTED COST													19980.1240016		
OVERHEAD AND PROFIT												0.15	2997.01860024		
INSURANCE												0.015	299.701860024		
CONTINGENCY												0.05	999.00620008000 01		
TAX												0.045	899.10558007200 01		
SUGGESTED BID													25174.956242016		

Walkway Canopy

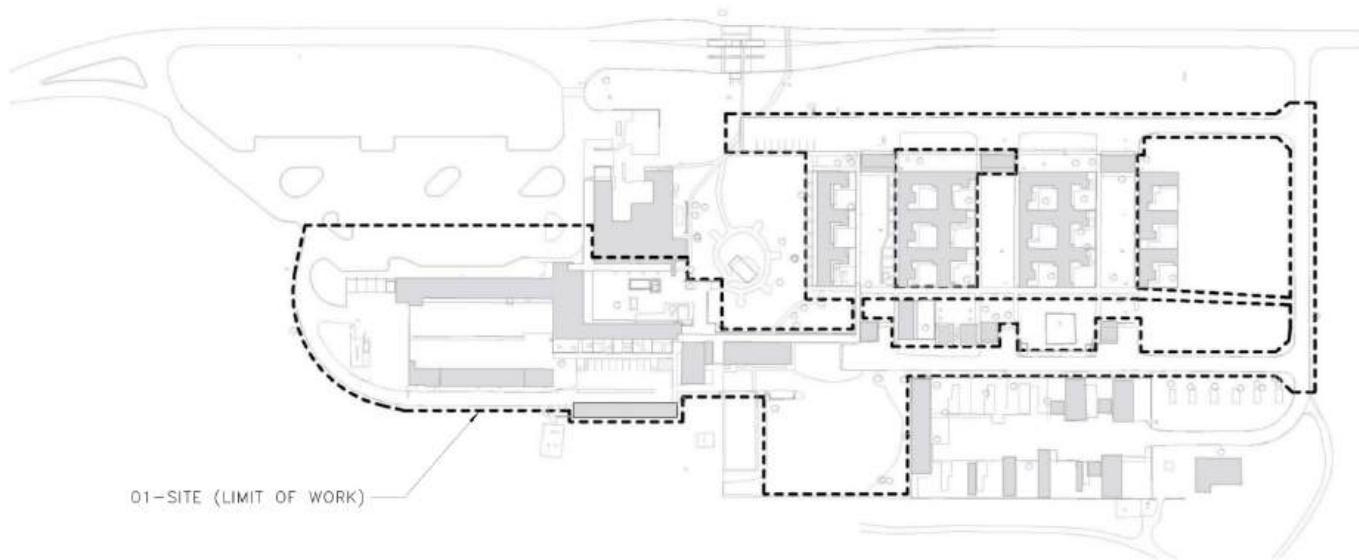
DETAILED BREAKDOWN OF ITEMS															
Project Name:	Rehabilitate Painted Desert Community Complex, Petrified Forest National Park, AZ 86028														
Building Name:	Walkway Canopy														
Scope:	Structural Metal Framing														
												Date:	2026-02-03 00:00:00+00:00		
SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST		
				GENERAL REQUIREMENTS										LABOR COST	MATERIAL COST
1			Permits	LS	1	0	1	0	0	0	0	0	0	0	0
2			Supervision and Coordination	LS	1	0	1	0	0	0	0	0	0	0	0
3			Submittals and Shop drawings	LS	1	0	1	0	0	0	0	0	0	0	0
4			Final Cleaning	LS	1	0	1	0	0	0	0	0	0	0	0
5			Mobilization Costs	LS	1	0	1	0	0	0	0	0	0	0	0
6			Temporary Control & Facilities	LS	1	0	1	12	50	600	0	600	600	0	0
7			Scaffolding	LS	1	0	1	0	0	0	0	0	0	0	0
												SUBTOTAL	600	0	0
														0	0
				EXISTING CONDITIONS										0	0
			DEMOLITION											0	0
8	S101	Plan Notes	Remove Existing Steel Column (9'-0" H)	EA	2	0	2	3.6	56.5	203.4	0	203.4	406.8	0	0
9			C6x8.2 Steel Beam To Be Removed	LF	16	0	16	0.75	56.5	42.375	0	42.375	678	0	0
														0	0
												SUBTOTAL	1084.8	0	0
														0	0
				METAL										0	0
			STRUCTURAL FRAMING											0	0
	S201	Plan Notes	BEAMS											0	0
10			C6x8.2 Steel Beam - 16 LF	LBS	131.2	0.1	144.32	0.02	76	1.52	1.75	3.27	471.9264	0	0
11			W8x10 Steel Beam - 15 LF	LBS	150	0.1	165	0.02	76	1.52	1.75	3.27	539.55	0	0
			CONNECTIONS											0	0
12			(4" x 12" x 5/8") Steel Bearing Plate W/ (2) 3/4" Dia x 6" Epoxy Anchors	EA	2	0	2	0.8346	76	63.4296	41.73	105.1596	210.3192	0	0
13			(4" x 6" x 1/4") End Plate	EA	2	0	2	0.31025	76	23.579	12.41	35.989000000000004	71.97800000000001	0	0
														0	0
												SUBTOTAL	1293.7736	0	0
PROJECTED COST													2978.5735999999997		
OVERHEAD AND PROFIT												0.2	595.7147199999999		
INSURANCE												0.03	89.35720799999999		
CONTINGENCY												0.05	148.92867999999999		

TAX												0.045	134.035812		
SUGGESTED BID													3946.6100199999996		

Autodesk Docs://23_013-01P - NPS PEFO Rehab PD Complex/23013-01P_NPS PEFO_VC-ADMIN-RES-MAINT_ARCH.rvt

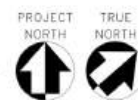


HISTORIC IMAGE OF SITE LOOKING WEST



OVERALL SITE PLAN KEY

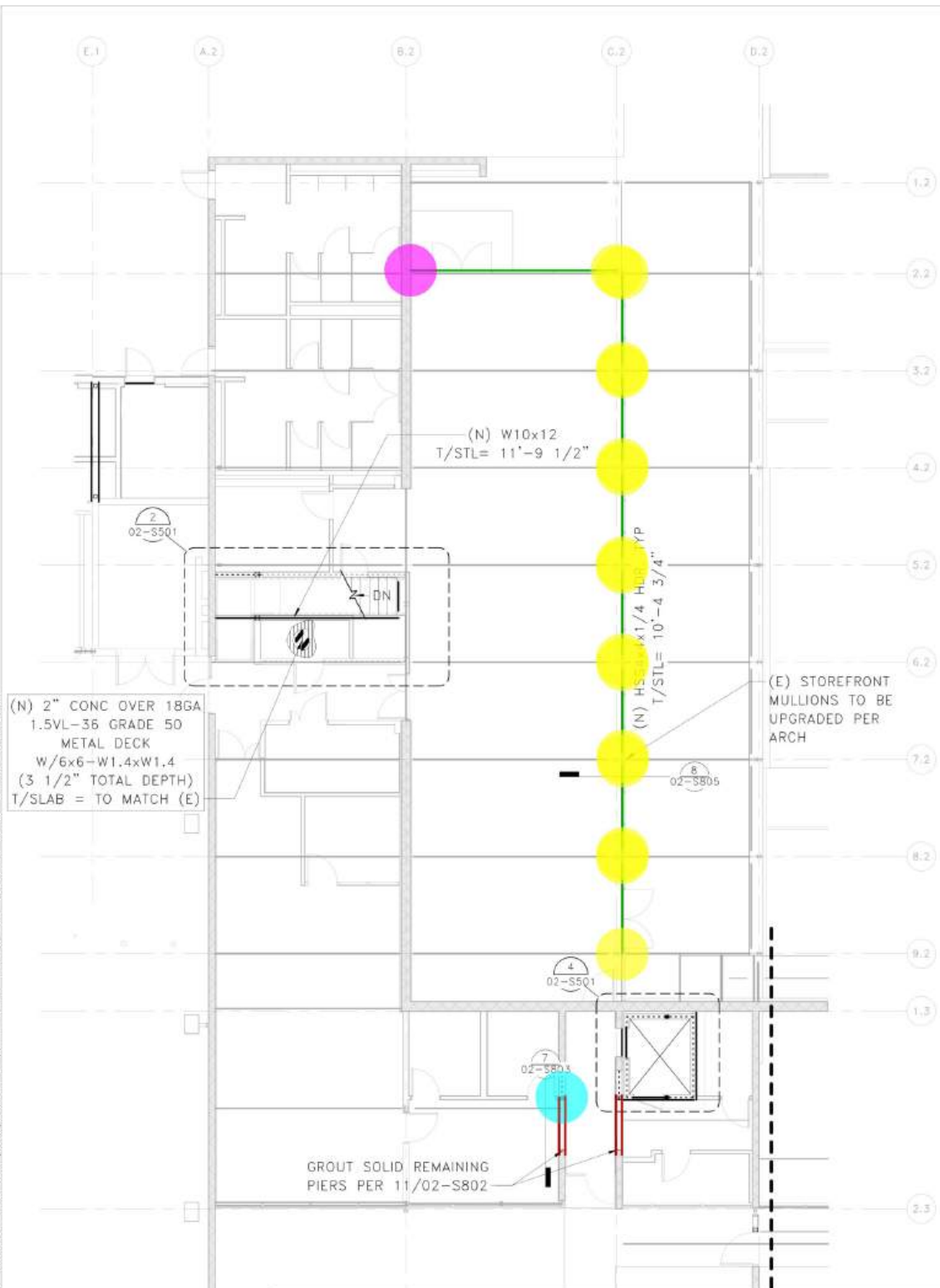
NOT TO SCALE



FOR DRAWING SHEET INDEX, REFERENCE 00-G001

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	DRAWN:	01 - A001	COVER - SITE	182718
	NW			PMIS NO.
	TECH REVIEW:			267538
	HC			SHEET
DATE:			19	
7/19/24			OF 748	
			REHABILITATE PAINTED DESERT	
			COMMUNITY COMPLEX	
			PETRIFIED FOREST NATIONAL PARK	

Autodesk Docs://23_013-01P - NPS PEFO Rehab PD Complex/23013-01P_NPS PEFO_VC-ADMIN-RES-MAINT_STRU.rvt



- (8" x 8" x 1/2") Steel Cap Plate W/ (4) 3/4" Dia Bolts
- L6x4x5/16 Steel Angle- (3) 1/2" Dia x 4" Epoxy Bolts
- HSS4x4x1/4 Steel Beam
- HSS3x3x1/4x6" L Stub + (4" x 4" x 1/2") Steel End Plate
- (6" x 6" x 1/2") Steel End Plate W/ (4) 3/4" Dia Bolts

FLOOR FRAMING PLAN NOTES

1. SEE SHEET 00-S001 - 00-S006 FOR GENERAL NOTES AND SYMBOLS.
2. VERIFY DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS.
3. ALL DUCTS, CHASES AND PIPES SHALL BE PER MECHANICAL, PLUMBING, ELECTRICAL AND SPRINKLER DRAWINGS.
4. CONCRETE OVER METAL DECK PER PLAN AND STRUCTURAL GENERAL NOTES.
5. CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY SHORING.
6. ELEVATOR STEEL AND CONNECTIONS ARE PROVIDED FOR BUDGET PURPOSES ONLY AND ARE PRELIMINARY. THE PROPOSED STRUCTURAL MEMBERS AND THEIR CONNECTIONS SHALL BE CONFIRMED ONCE FINAL ELEVATOR REACTIONS ARE PROVIDED TO THE STRUCTURAL ENGINEER OF RECORD.
7. TYPICAL DETAILS PER 02-S804 AND 02-S805.
8. XXX-1, XXX-2, ETC. INDICATES A CONNECTION, HARDWARE OR FASTENER. REFERENCE GENERAL NOTES FOR ADDITIONAL INFORMATION ON PRODUCT SELECTION.
9. PENETRATIONS IN EXISTING FENESTRA FLOOR DECK NOT TO EXCEED 6"Ø. DO NOT CUT THROUGH WEB MEMBER.
10. ALL WOOD EXPOSED TO CONCRETE SHALL BE PRESSURE-TREATED.
11. BEAMS ARE FLUSH FRAMED WITH JOISTS UNLESS NOTED OTHERWISE ON DETAILS, OR ON PLANS AS 'DB', INDICATING THAT DROPPED BEAM FRAMING IS REQUIRED. BEAM SUPPORTS TO BE (2) TRIMMER STUDS MINIMUM, UNO. PROVIDE A35 CLIP EACH SIDE OF FLUSH BEAMS THAT BEAR ON DOUBLE TOP PLATES.

1.0 EA
24.9 FT
88.8 FT
15.0 EA
1.0 EA



1 FRAMING PLAN LEVEL 2 - VC/ADMIN



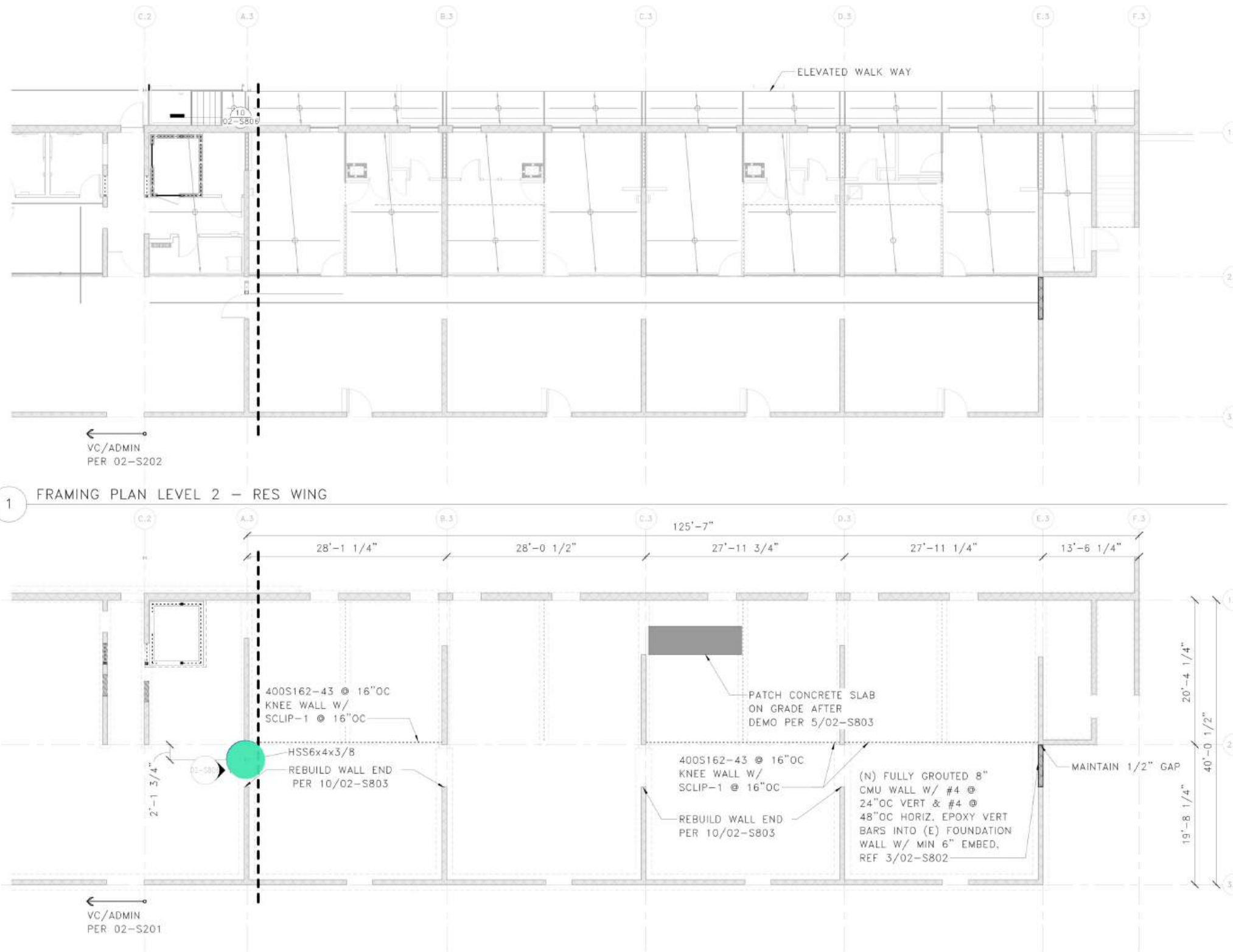
CONSTRUCTION DRAWINGS
DESIGNED: JEE
DRAWN: JEE
JNH
TECH REVIEW: LMB
DATE: 7/19/24
02-S202

TITLE OF SHEET
FRAMING PLAN LEVEL 2
- VC/ADMIN
REHABILITATE PAINTED DESERT
COMMUNITY COMPLEX
PETRIFIED FOREST NATIONAL PARK

DRAWING NO.
110
182718
PMIS NO.
267538
SHEET
112
OF 748

1P - NPS PEFO Rehab PD Complex/23013-01P_NPS PEFO_VC-ADMIN-RES-MAINT_STRU.rvt

Autodesk



FLOOR FRAMING PLAN NOTES

1. SEE SHEET 00-S001 - 00-S006 FOR GENERAL NOTES AND SYMBOLS.
2. VERIFY DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS.
3. ALL DUCTS, CHASES AND PIPES SHALL BE PER MECHANICAL, PLUMBING, ELECTRICAL AND SPRINKLER DRAWINGS.
4. CONCRETE OVER METAL DECK PER PLAN AND STRUCTURAL GENERAL NOTES.
5. CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY SHORING.
6. ELEVATOR STEEL AND CONNECTIONS ARE PROVIDED FOR BUDGET PURPOSES ONLY AND ARE PRELIMINARY. THE PROPOSED STRUCTURAL MEMBERS AND THEIR CONNECTIONS SHALL BE CONFIRMED ONCE FINAL ELEVATOR REACTIONS ARE PROVIDED TO THE STRUCTURAL ENGINEER OF RECORD.
7. TYPICAL DETAILS PER 02-S804 AND 02-S805.
8. XXX-1, XXX-2, ETC. INDICATES A CONNECTION, HARDWARE OR FASTENER. REFERENCE GENERAL NOTES FOR ADDITIONAL INFORMATION ON PRODUCT SELECTION.
9. PENETRATIONS IN EXISTING FENESTRA FLOOR DECK NOT TO EXCEED 6"Ø. DO NOT CUT THROUGH WEB MEMBER.
10. ALL WOOD EXPOSED TO CONCRETE SHALL BE PRESSURE-TREATED.
11. BEAMS ARE FLUSH FRAMED WITH JOISTS UNLESS NOTED OTHERWISE ON DETAILS, OR ON PLANS AS 'DB', INDICATING THAT DROPPED BEAM FRAMING IS REQUIRED. BEAM SUPPORTS TO BE (2) TRIMMER STUDS MINIMUM. UNO. PROVIDE A35 CLIP EACH SIDE OF FLUSH BEAMS THAT BEAR ON DOUBLE TOP PLATES.

FOUNDATION PLAN NOTES

1. SEE SHEETS 00-S001 - 00-S006 FOR GENERAL NOTES AND SYMBOLS.
2. * INDICATES LOCATION OF HELICAL PIER. NOTIFY CONTRACTING OFFICER IF INSTALLED LOCATION VARIES FROM WHAT IS SHOWN.
3. ALL HELICAL PIERS TO HAVE 30-KIPS ALLOWABLE COMPRESSION AND TENSION UNO.
4. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS. ALL EXISTING DIMENSIONS SHALL BE FIELD VERIFIED.
5. CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL AND MEP DRAWINGS PRIOR TO POURING CONCRETE.
6. ALL FOOTINGS AND SLABS TO BEAR ON COMPETENT NATIVE SOIL AND/OR STRUCTURAL FILL. SUBGRADE PREPARATION, STRUCTURAL FILL, FOOTING DRAINS, AND OTHER REQUIREMENTS PER GEOTECH REPORT AS NOTED IN THE STRUCTURAL GENERAL NOTES.
7. ELEVATOR STEEL AND CONNECTIONS ARE PROVIDED FOR BUDGET PURPOSES ONLY AND ARE PRELIMINARY. THE PROPOSED STRUCTURAL MEMBERS AND THEIR CONNECTIONS SHALL BE CONFIRMED ONCE FINAL ELEVATOR REACTIONS ARE PROVIDED TO THE STRUCTURAL ENGINEER OF RECORD.
8. XXX-1, XXX-2, ETC. INDICATES A CONNECTION, HARDWARE OR FASTENER. REFERENCE GENERAL NOTES FOR ADDITIONAL INFORMATION ON PRODUCT SELECTION.

- HSS6x4x3/8 Steel Post (11'-0" H)
- (10" x 7" x 1/2") Steel Base Plate W/ (4) 5/8" Dia x 8" Epoxy Anchors
- (8" x 8" x 1/2") Steel Cap Plate W/ (4) 3/4" Dia Bolts

1.0 EA
1.0 EA
1.0 EA

02-S203



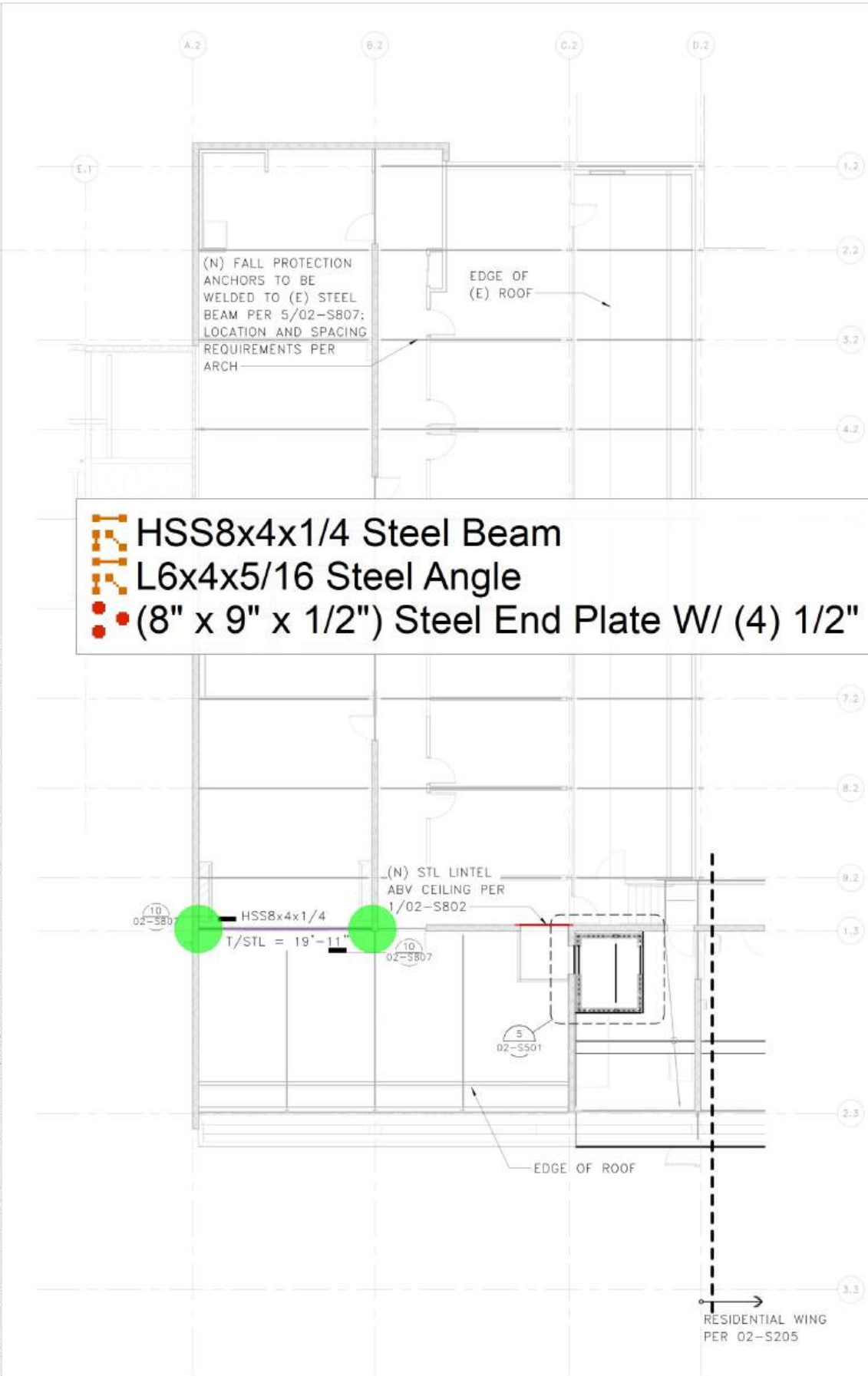
CONSTRUCTION GRANT
DESIGNED:
DRAWN:
CHECKED:
LMB
DATE:
7/19/24



TITLE OF SHEET
FDN & FRAMING PLAN
LEVEL 2 - RES WING
REHABILITATE PAINTED DESERT
COMMUNITY COMPLEX
PETRIFIED FOREST NATIONAL PARK

DRAWING NO.
110
182718
PMIS NO.
267538
SHEET
113
OF 748

Autodesk Docs://23_013-01P - NPS PEFO Rehab PD Complex/23013-01P_NPS PEFO_VC-ADMIN-RES-MAINT_STRU.rvt



ROOF FRAMING PLAN NOTES

1. SEE SHEETS 00-S001 - 00-S006 FOR GENERAL NOTES AND SYMBOLS.
2. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS.
3. ALL DUCTS, CHASES AND PIPES SHALL BE PER MECHANICAL, PLUMBING, ELECTRICAL AND SPRINKLER DRAWINGS.
4. METAL DECK PER PLAN AND STRUCTURAL GENERAL NOTES.
5. CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY SHORING.
6. ELEVATOR STEEL AND CONNECTIONS ARE PROVIDED FOR BUDGET PURPOSES ONLY AND ARE PRELIMINARY. THE PROPOSED STRUCTURAL MEMBERS AND THEIR CONNECTIONS SHALL BE CONFIRMED WONCE FINAL ELEVATOR REACTIONS ARE PROVIDED TO THE STRUCTURAL ENGINEER OF RECORD.
7. XXX-1, XXX-2, ETC. INDICATES A CONNECTION, HARDWARE OR FASTENER. REFERENCE GENERAL NOTES FOR ADDITIONAL INFORMATION ON PRODUCT SELECTION.
8. PENETRATIONS IN EXISTING FENESTRA ROOF DECK NOT TO EXCEED 6"D. DO NOT CUT THROUGH WEB MEMBER.

1 ROOF FRAMING PLAN - VC/ADMIN



CONSTRUCTION DRAWINGS

DESIGNED:
JEZ
DRAWN:
JNH
TECH REVIEW:
LMB
DATE:
7/19/24

SUB SHEET NO.

02-S204

TITLE OF SHEET
ROOF FRAMING PLAN -
VC/ADMIN
REHABILITATE PAINTED DESERT
COMMUNITY COMPLEX
PETRIFIED FOREST NATIONAL PARK

DRAWING NO.
110
182718
PMIS NO.
267538
SHEET
114
OF 748



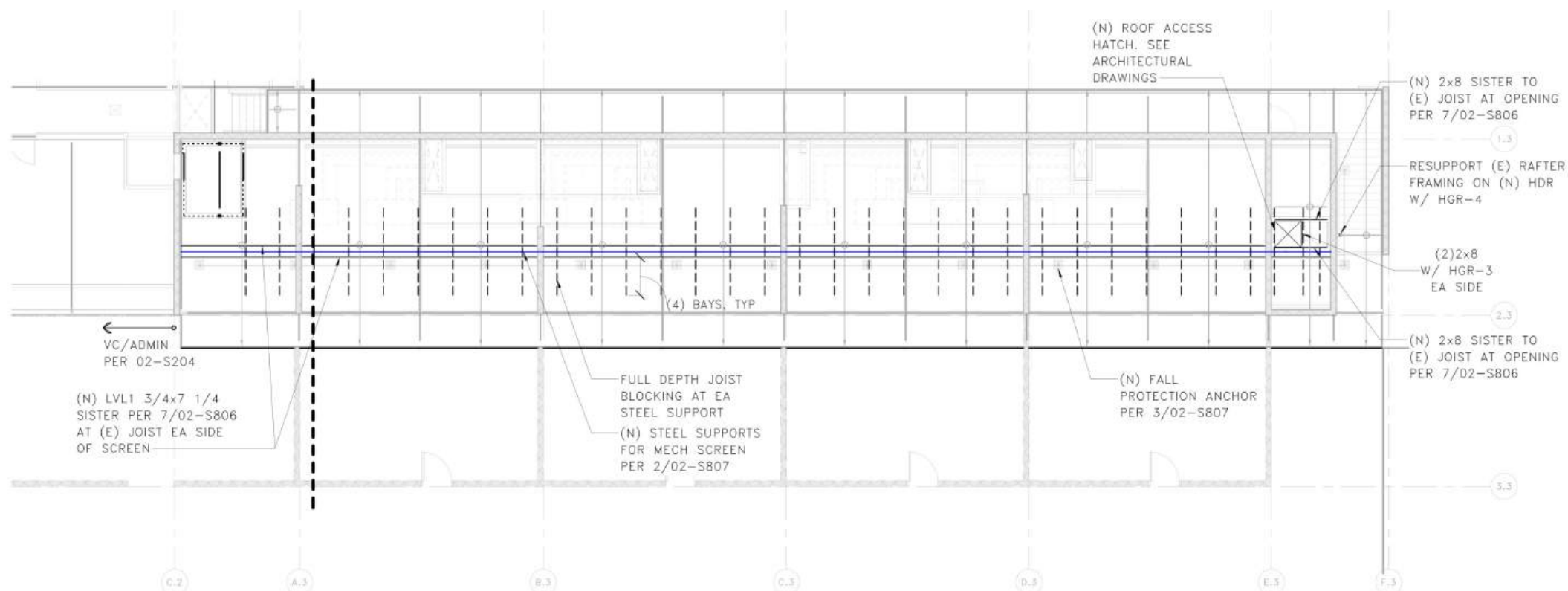
Autodesk Docs://23_013-01P - NPS PEFO Rehab PD Complex/23013-01P_NPS PEFO_VC-ADMIN-RES-MAINT_STRU.rvt

ROOF FRAMING PLAN NOTES

1. SEE SHEETS 00-S001 - 00-S006 FOR GENERAL NOTES AND SYMBOLS.
2. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS.
3. ALL DUCTS, CHASES AND PIPES SHALL BE PER MECHANICAL, PLUMBING, ELECTRICAL AND SPRINKLER DRAWINGS.
4. METAL DECK PER PLAN AND STRUCTURAL GENERAL NOTES.
5. CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY SHORING.
6. ELEVATOR STEEL AND CONNECTIONS ARE PROVIDED FOR BUDGET PURPOSES ONLY AND ARE PRELIMINARY. THE PROPOSED STRUCTURAL MEMBERS AND THEIR CONNECTIONS SHALL BE CONFIRMED WONCE FINAL ELEVATOR REACTIONS ARE PROVIDED TO THE STRUCTURAL ENGINEER OF RECORD.
7. XXX-1, XXX-2, ETC. INDICATES A CONNECTION, HARDWARE OR FASTENER. REFERENCE GENERAL NOTES FOR ADDITIONAL INFORMATION ON PRODUCT SELECTION.

(2) L3x3x1/4 Steel Angle + HSS3x3x3/16 Steel Post (3'-0" H) @ 4'-0" O.C

132.6 FT EXTRA ROOF DECK NOT TO EXCEED THROUGH WEB MEMBER.



1 ROOF FRAMING PLAN - RES WING



CONSTRUCTION DRAWINGS

DESIGNED:
JEZ
DRAWN:
JNH
TECH REVIEW:
LMB
DATE:
7/19/24

SUB SHEET NO.

02-S205

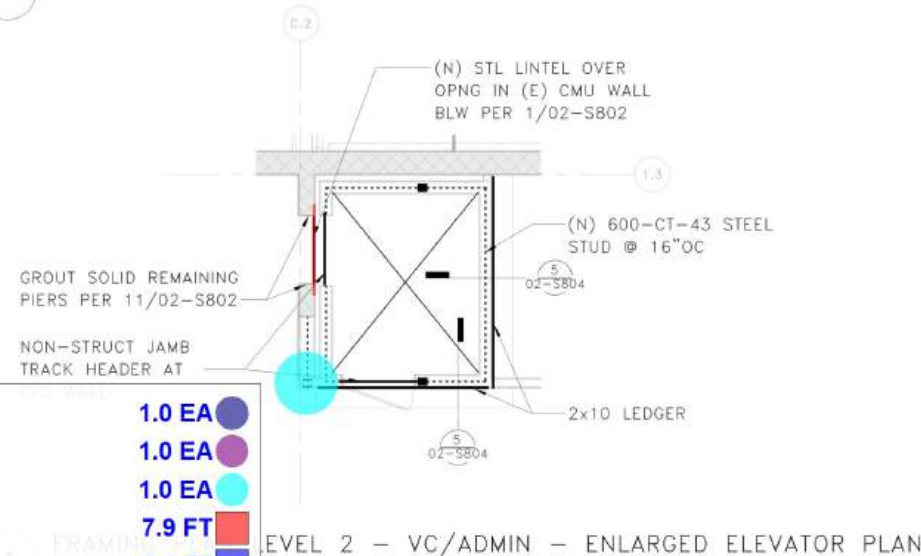
TITLE OF SHEET
ROOF FRAMING PLAN -
RES WING
REHABILITATE PAINTED DESERT
COMMUNITY COMPLEX
PETRIFIED FOREST NATIONAL PARK

DRAWING NO.
110
182718
PMIS NO.
267538
SHEET
115
OF 748

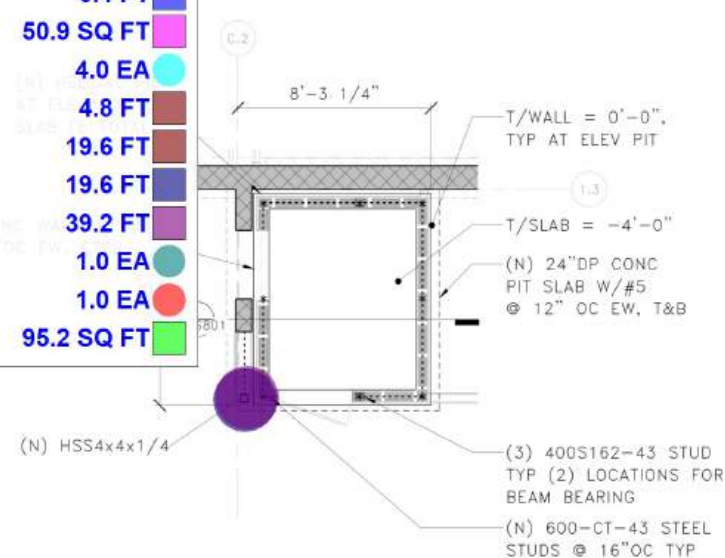


-

5 ROOF FRAMING PLAN - VC/ADMIN - ENLARGED ELEVATOR PLAN



7.9 FT LEVEL 2 - VC/ADMIN - ENLARGED ELEVATOR PLAN



FOUNDATION PLAN - VC/ADMIN - ENLARGED ELEVATOR PLAN

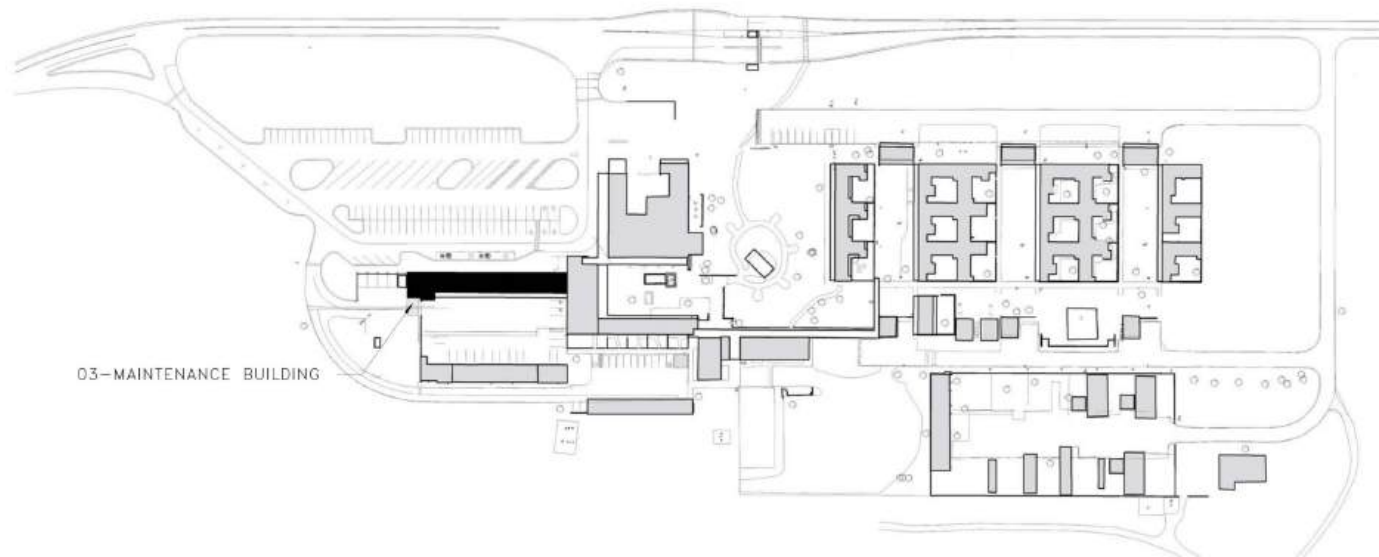
1. SEE SHEETS 00-S001 - 00-S006 FOR GENERAL NOTES AND SYMBOLS.
2. VERIFY DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS.
3. CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY SHORING.
4. ELEVATOR STEEL AND CONNECTIONS ARE PROVIDED FOR BUDGET PURPOSES ONLY AND ARE PRELIMINARY. THE PROPOSED STRUCTURAL MEMBERS AND THEIR CONNECTIONS SHALL BE CONFIRMED ONCE FINAL ELEVATOR REACTIONS ARE PROVIDED TO THE STRUCTURAL ENGINEER OF RECORD.
5. XXX-1, XXX-2, ETC. INDICATES A CONNECTION, HARDWARE OR FASTENER. REFERENCE GENERAL NOTES FOR ADDITIONAL INFORMATION ON PRODUCT SELECTION.



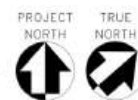
Autodesk Docs://23_013-01P - NPS PEFO Rehab PD Complex/23013-01P_NPS PEFO_VC-ADMIN-RES-MAINT_ARCH.rvt



SOUTH ELEVATION OF MAINTENANCE BUILDING



OVERALL SITE PLAN KEY
NOT TO SCALE



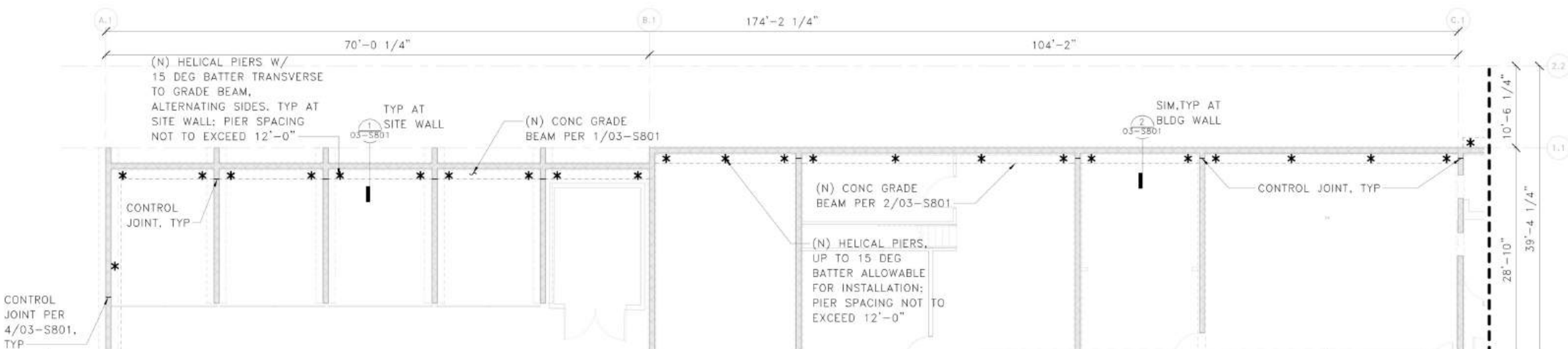
FOR DRAWING SHEET INDEX, REFERENCE 00-G001

CONSTRUCTION DRAWINGS				
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	DRAWN:			182718
	BC			PMIS NO.
	TECH REVIEW:			267538
HC	REHABILITATE PAINTED DESERT	SHEET		
DATE:	7/19/24	COMMUNITY COMPLEX	262	OF 748
		PETRIFIED FOREST NATIONAL PARK		

Autodesk Docs://23_013-01P - NPS PEFO Rehab PD Complex/23013-01P_NPS PEFO_VC-ADMIN-RES-MAINT_STRU.rvt

11

FOUNDATION PLAN - EAST END



FOUNDATION PLAN NOTES

1. SEE SHEETS 00-S001 - 00-S006 FOR GENERAL NOTES AND SYMBOLS.
2. * INDICATES LOCATION OF HELICAL PIER. CONTACT CONTRACTING OFFICER IF INSTALLED LOCATION VARIES FROM WHAT IS SHOWN.
3. ALL HELICAL PIERS TO HAVE 30-KIPS ALLOWABLE COMPRESSION AND TENSION UNO.
4. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS. ALL EXISTING DIMENSIONS SHALL BE FIELD VERIFIED.
5. CONTRACTOR SHALL COORDINATE WITH ARCHITECT AND MEP DRAWINGS PRIOR TO POURING CONCRETE.
6. XXX-1, XXX-2, ETC. INDICATES A CONNECTION, HARDWARE OR FASTENER. REFERENCE GENERAL NOTES FOR ADDITIONAL INFORMATION ON PRODUCT SELECTION.

2

- HSS4x4x1/4 Steel Post (11'-0" H)
- (6" x 9" x 5/8") Steel Base Plate W/ (4) 5/8" Dia x 8" Epoxy Threaded Rods
- W10x30 Steel Post (12'-0" H)
- (9" x 18" x 1") Steel Base Plate W/ (4) 5/8" Dia x 12" Anchor Rods
- Steel Deck

2.0 EA

2.0 EA

3.0 EA

3.0 EA

249.4 SQ FT



CONSTRUCTION DRAWINGS

DESIGNED:
JEZ
DRAWN:
JNH
TECH REVIEW:
LMB
DATE:
7/19/24

SUB SHEET NO.

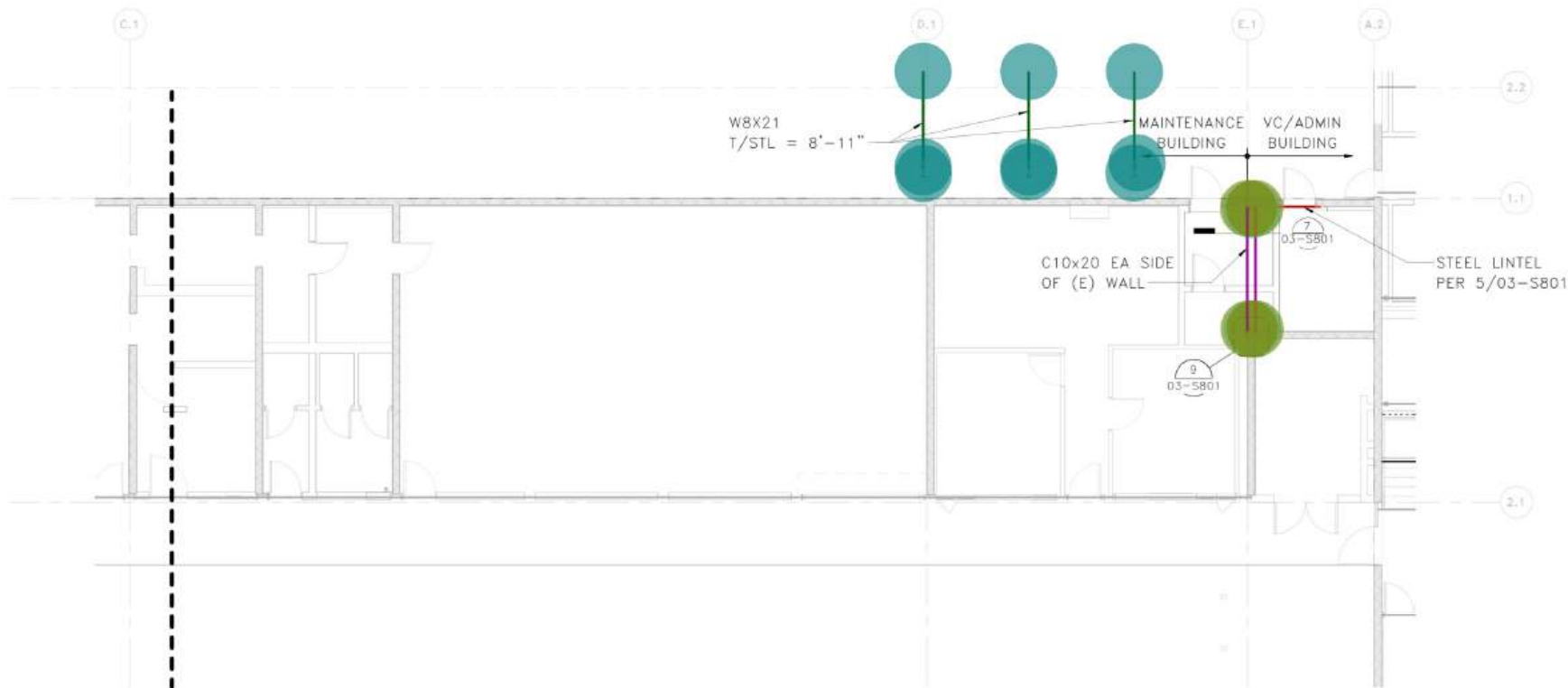
03-S201

TITLE OF SHEET
FOUNDATION PLAN

REHABILITATE PAINTED DESERT
COMMUNITY COMPLEX
PETRIFIED FOREST NATIONAL PARK

DRAWING NO.
110
182718
PMIS NO.
267538
SHEET
270
OF 748

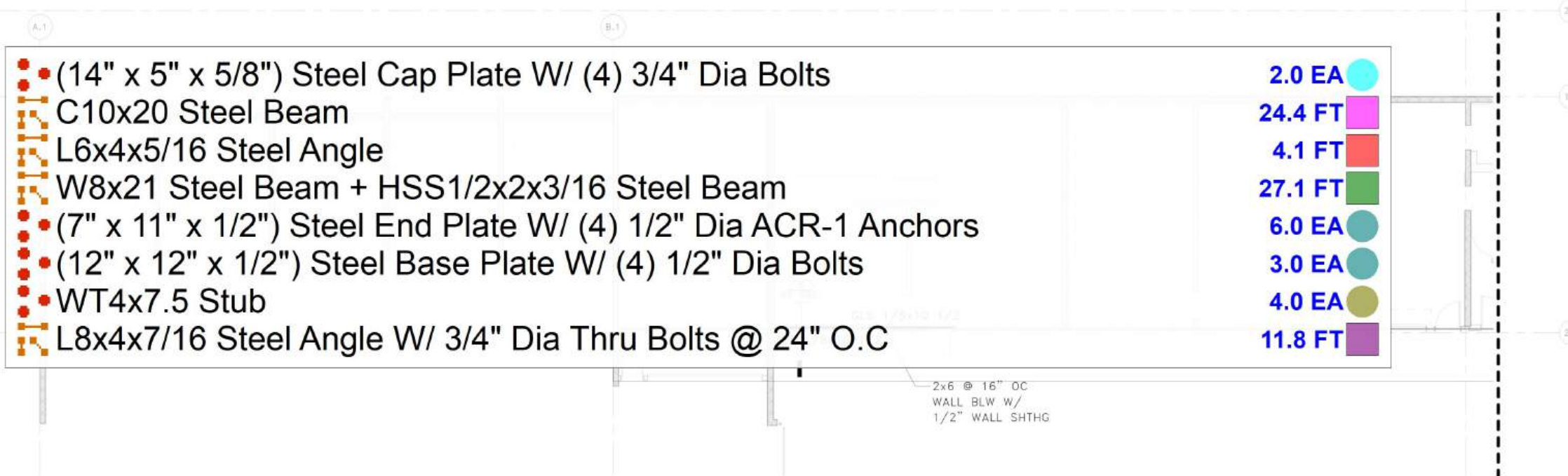
Autodesk Docs://23_013-01P - NPS PEFO Rehab PD Complex/23013-01P_NPS PEFO_VC-ADMIN-RES-MAINT_STRU.rvt



ROOF FRAMING PLAN NOTES

1. SEE SHEETS 00-S001 - 00-S006 FOR GENERAL NOTES AND SYMBOLS.
2. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS.
3. ALL DUCTS, CHASES AND PIPES SHALL BE PER MECHANICAL, PLUMBING, ELECTRICAL AND SPRINKLER DRAWINGS.
4. CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY SHORING.
5. XXX-1, XXX-2, ETC. INDICATES A CONNECTION, HARDWARE OR FASTENER. REFERENCE GENERAL NOTES FOR ADDITIONAL INFORMATION ON PRODUCT SELECTION.

1 ROOF FRAMING PLAN - EAST END



2 ROOF FRAMING PLAN - WEST END



CONSTRUCTION DRAWINGS

DESIGNED:
JEZ
DRAWN:
JNH
TECH REVIEW:
LMB
DATE:
7/19/24

SUB SHEET NO.

03-S202

TITLE OF SHEET
ROOF FRAMING PLAN

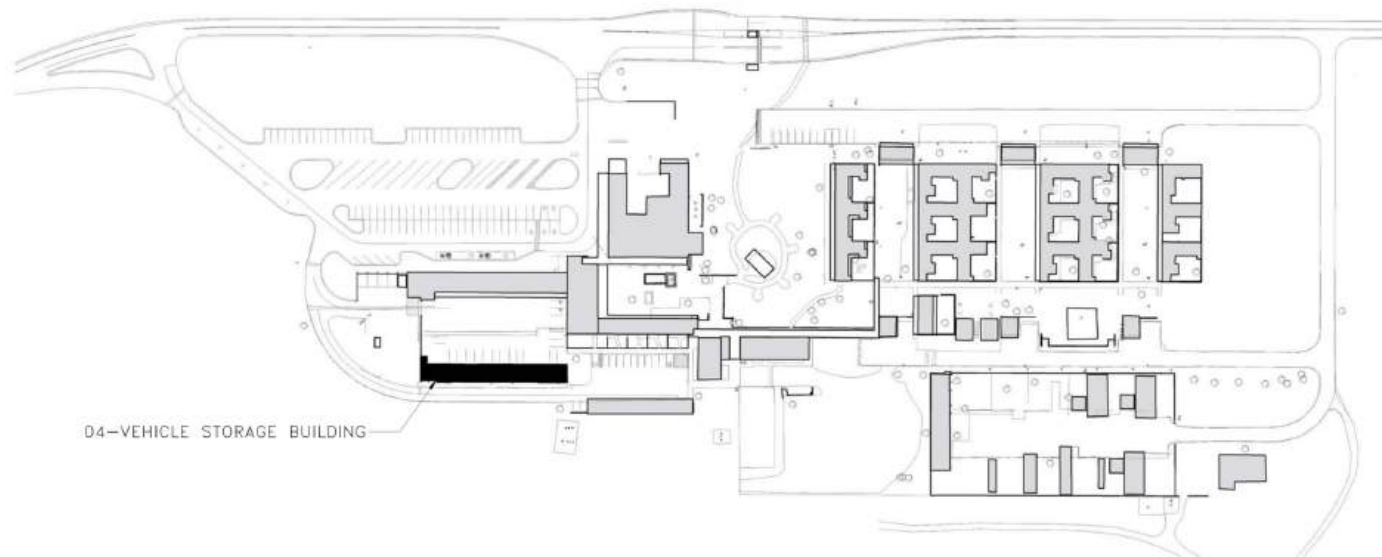
REHABILITATE PAINTED DESERT
COMMUNITY COMPLEX
PETRIFIED FOREST NATIONAL PARK

DRAWING NO.
110
182718
PMIS NO.
267538
SHEET
271
OF 748

Autodesk Docs://23_013-01P - NPS PEFO Rehab PD Complex/23013-01P_NPS PEFO_VEHICLE STO_ARCH.rvt



NORTH ELEVATION OF VEHICLE STORAGE BUILDING



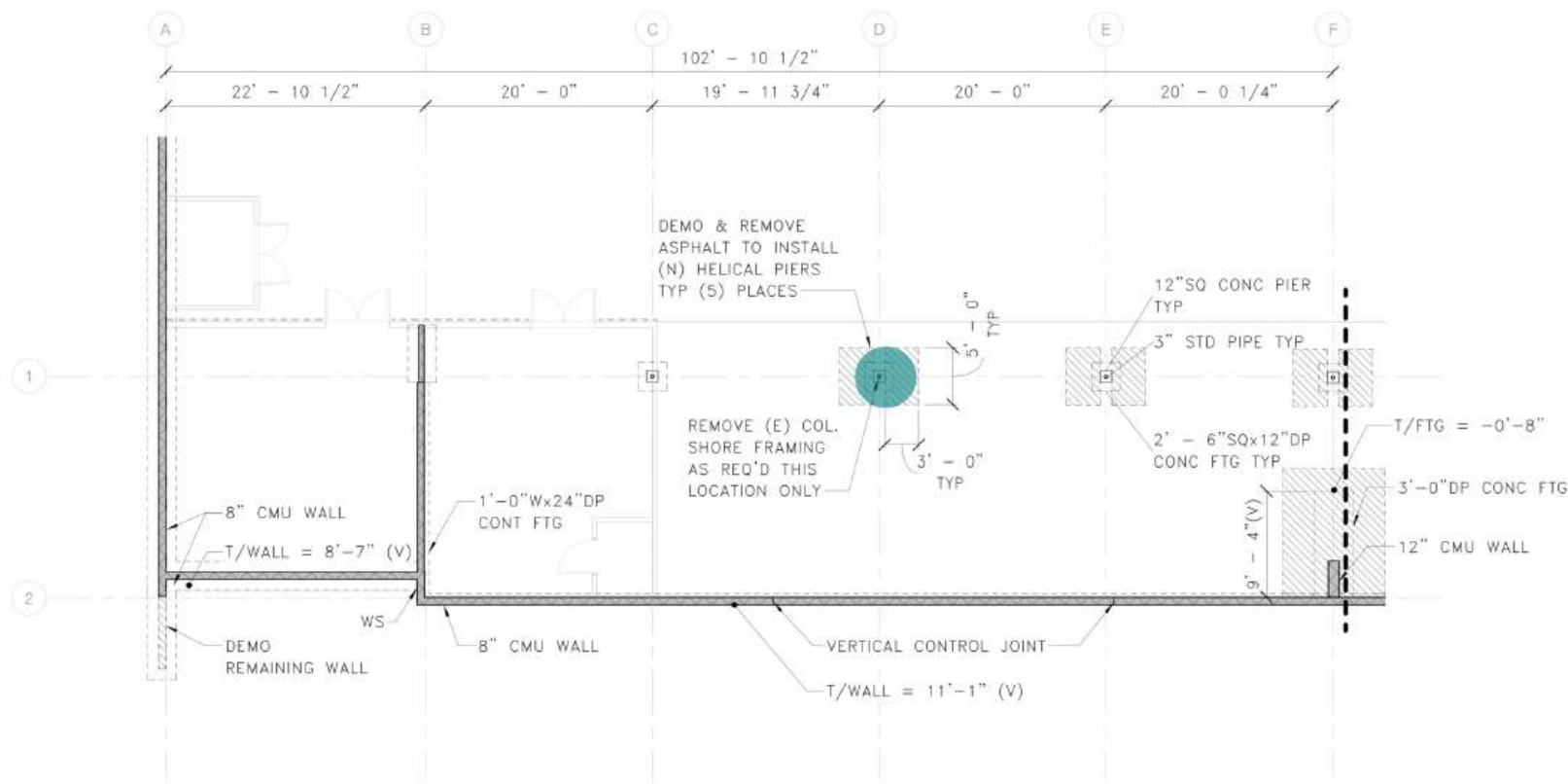
OVERALL SITE PLAN KEY
NOT TO SCALE



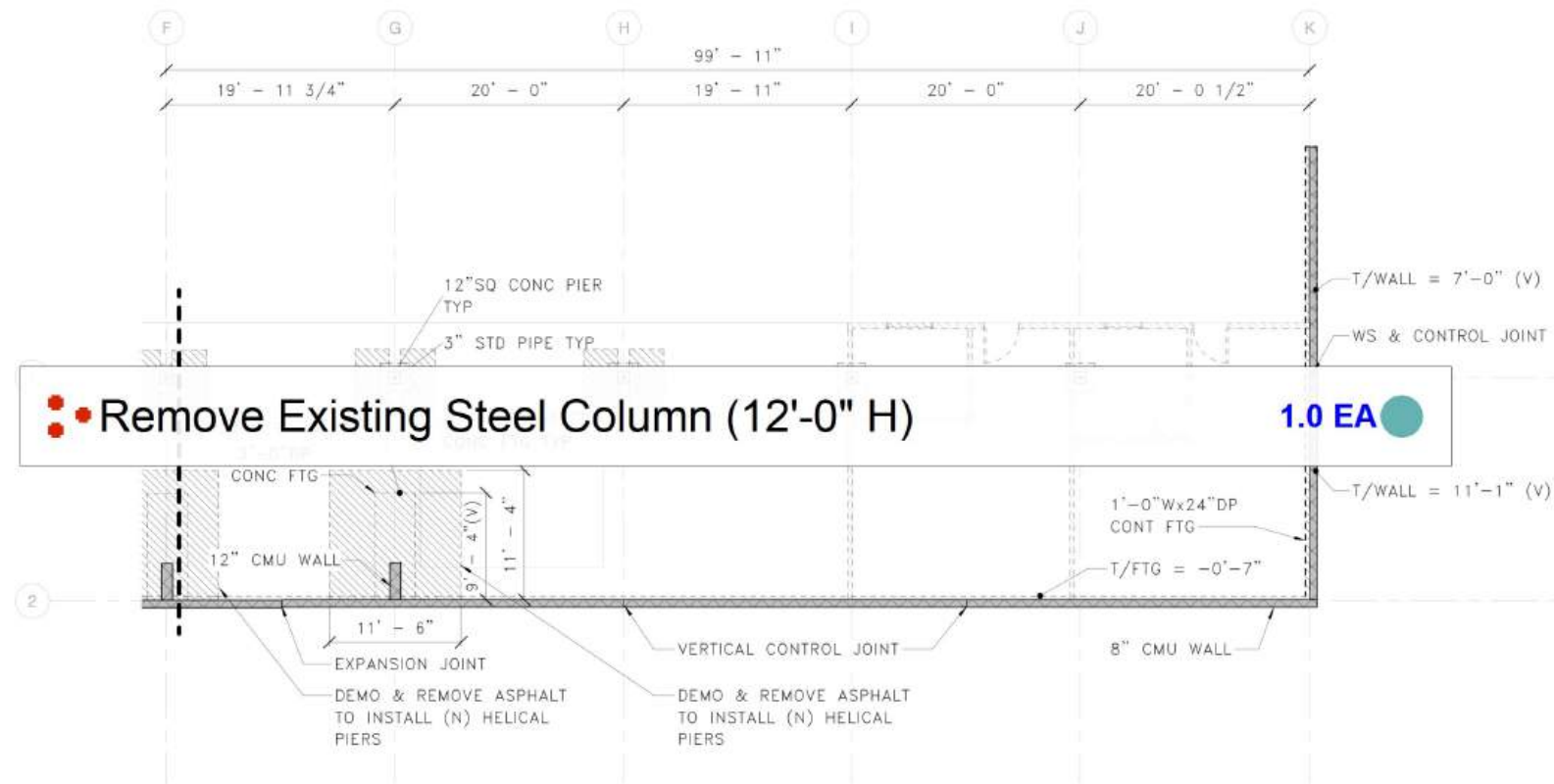
FOR DRAWING SHEET INDEX, REFERENCE 00-G001

CONSTRUCTION DRAWINGS				
	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
	TM/BC			110
	DRAWN:			182718
	BC			PMIS NO.
	TECH REVIEW:			267538
HC	04-A001	COVER - VEHICLE STORAGE BUILDING	SHEET	
DATE:			339	
07/19/24			OF 748	
			REHABILITATE PAINTED DESERT	
			COMMUNITY COMPLEX	
			PETRIFIED FOREST NATIONAL PARK	

Autodesk Docs://23_013-01P - NPS PEFO Rehab PD Complex/23013-01P_NPS PEFO_VEHICLE STO_STRU.rvt



1 DEMO FOUNDATION PLAN - WEST



2 DEMO FOUNDATION PLAN - EAST

DEMOLITION PLAN NOTES

1. FIELD VERIFY ALL EXISTING DIMENSIONS, DO NOT SCALE DRAWINGS. REQUEST CLARIFICATION IF THERE ARE ANY DISCREPANCIES PRIOR TO COMMENCING WORK.
2. CAREFULLY COORDINATE DEMOLITION EXTENTS W/ ARCHITECTURAL DEMO SHEETS.
3.  HATCH INDICATES (E) CONSTRUCTION TO BE REMOVED
- (V) VERIFY
- (E) EXISTING
- (N) NEW



CONSTRUCTION DRAWINGS

DESIGNED:
JEZ
DRAWN:
JNH
TECH REVIEW:
LMB
DATE:
7/19/24

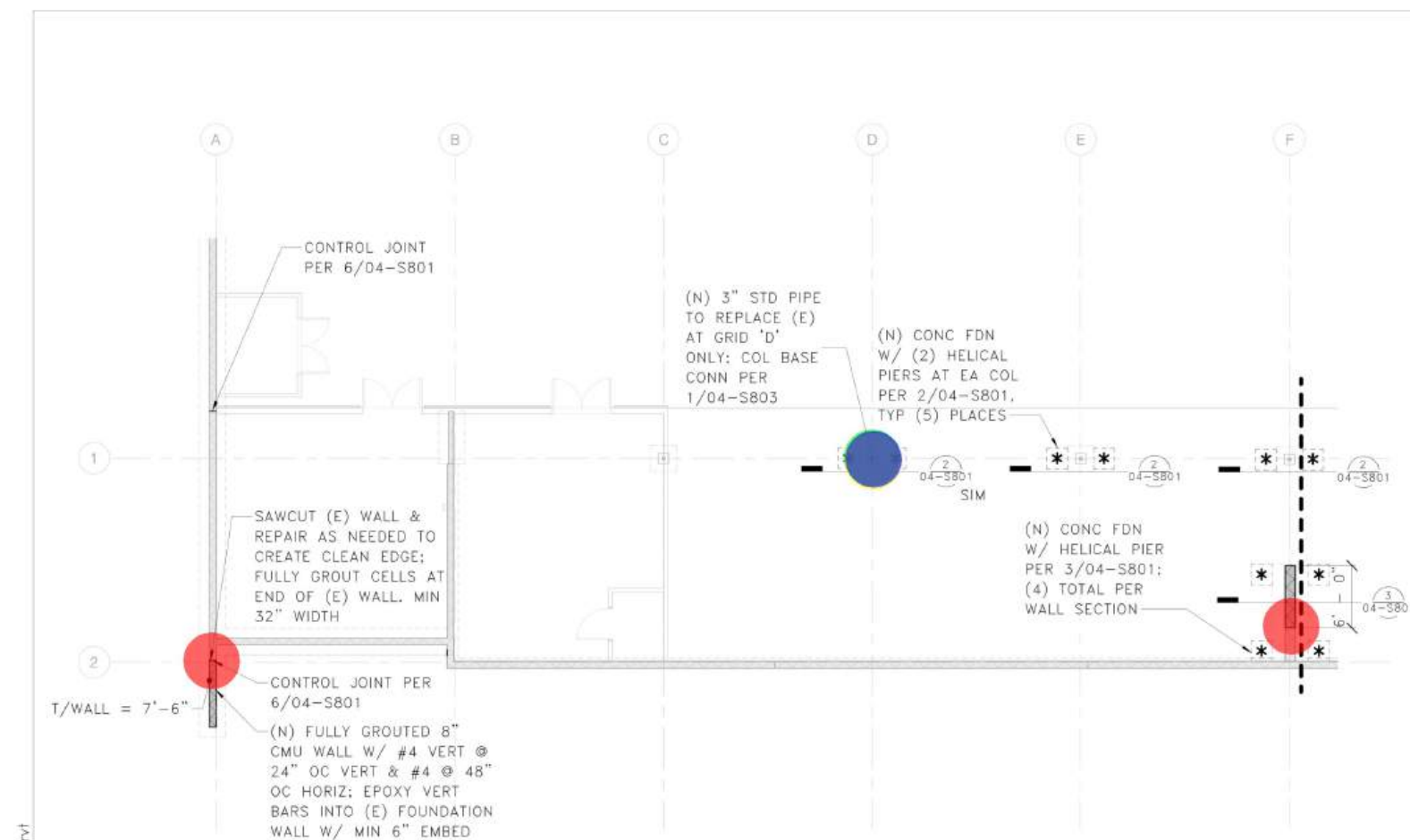
SUB SHEET NO.

04-S101

TITLE OF SHEET
DEMO FOUNDATION PLAN

REHABILITATE PAINTED DESERT
COMMUNITY COMPLEX
PETRIFIED FOREST NATIONAL PARK

DRAWING NO.
110
182718
PMIS NO.
267538
SHEET
344
OF 748



FOUNDATION PLAN NOTES

- SEE SHEETS 00-S001 - 00-S006 FOR GENERAL NOTES AND SYMBOLS.
- * INDICATES LOCATION OF HELICAL PIER. CONTACT CONTRACTING OFFICER IF INSTALLED LOCATION VARIES FROM WHAT IS SHOWN.
- ALL HELICAL PIERS TO HAVE 30-KIPS ALLOWABLE COMPRESSION AND TENSION UNO.
- VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS. ALL EXISTING DIMENSIONS SHALL BE FIELD VERIFIED.
- CONTRACTOR SHALL COORDINATE WITH ARCHITECT AND MEP DRAWINGS PRIOR TO POURING CONCRETE.
- ALL CONCRETE SLABS TO BEAR ON OVEREXCAVATED SOIL AND REPLACED STRUCTURAL FILL PER GEO TECH REPORT.
- XXX-1, XXX-2, ETC. INDICATES A CONNECTION, HARDWARE OR FASTENER. REFERENCE GENERAL NOTES FOR ADDITIONAL INFORMATION ON PRODUCT SELECTION.
- TYPICAL DETAILS PER 04-S801 & 04-S802.

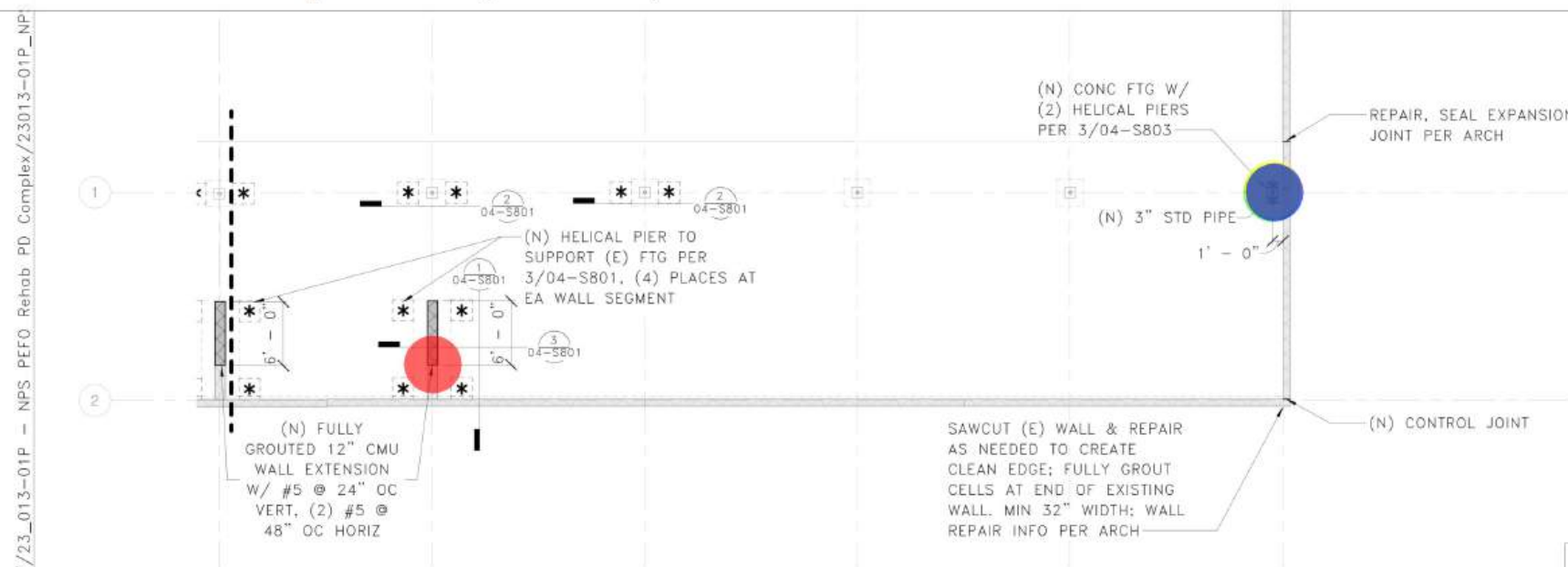
- (3) L8x8x1/2x0'-10" W/ (6) 5" ACR-3 Achors
- (8" x 8" x 3/8") Steel Base Plate W/ (4) 3/4" Dia x 6" Epoxy Bolts
- (4" x 8-1/2" x 3/8") Steel Cap Plate W/ (4) 1/2" Dia Thru Bolts
- 3" Dia Steel Pipe Post (11'-0" H)

3.0 EA

2.0 EA

2.0 EA

2.0 EA



CONSTRUCTION DRAWINGS

DESIGNED:
JEZ

DRAWN:
JNH

TECH REVIEW:
LMB

DATE:
7/19/24

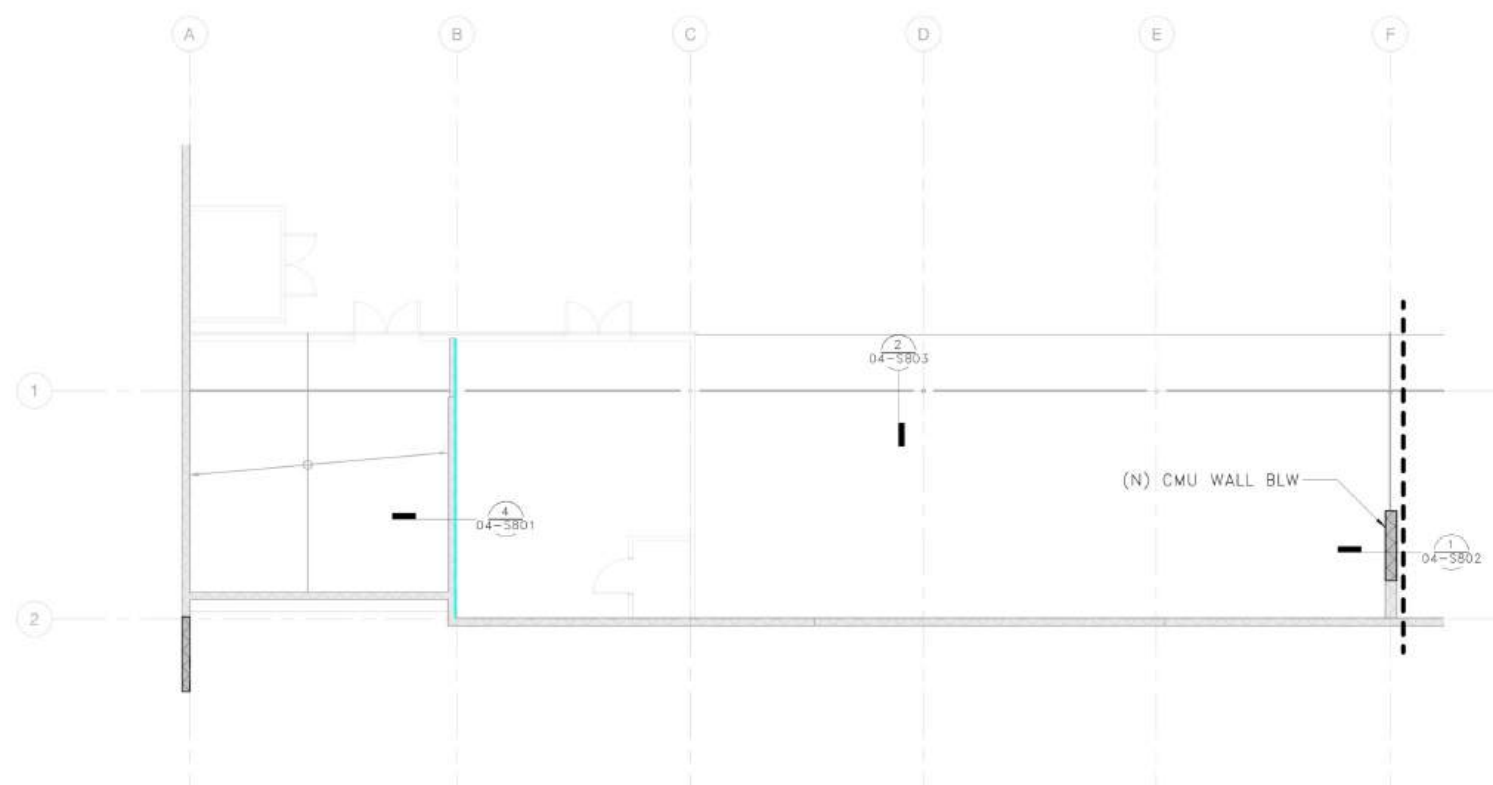
SUB SHEET NO.

04-S201

TITLE OF SHEET
FOUNDATION PLAN

REHABILITATE PAINTED DESERT
COMMUNITY COMPLEX
PETRIFIED FOREST NATIONAL PARK

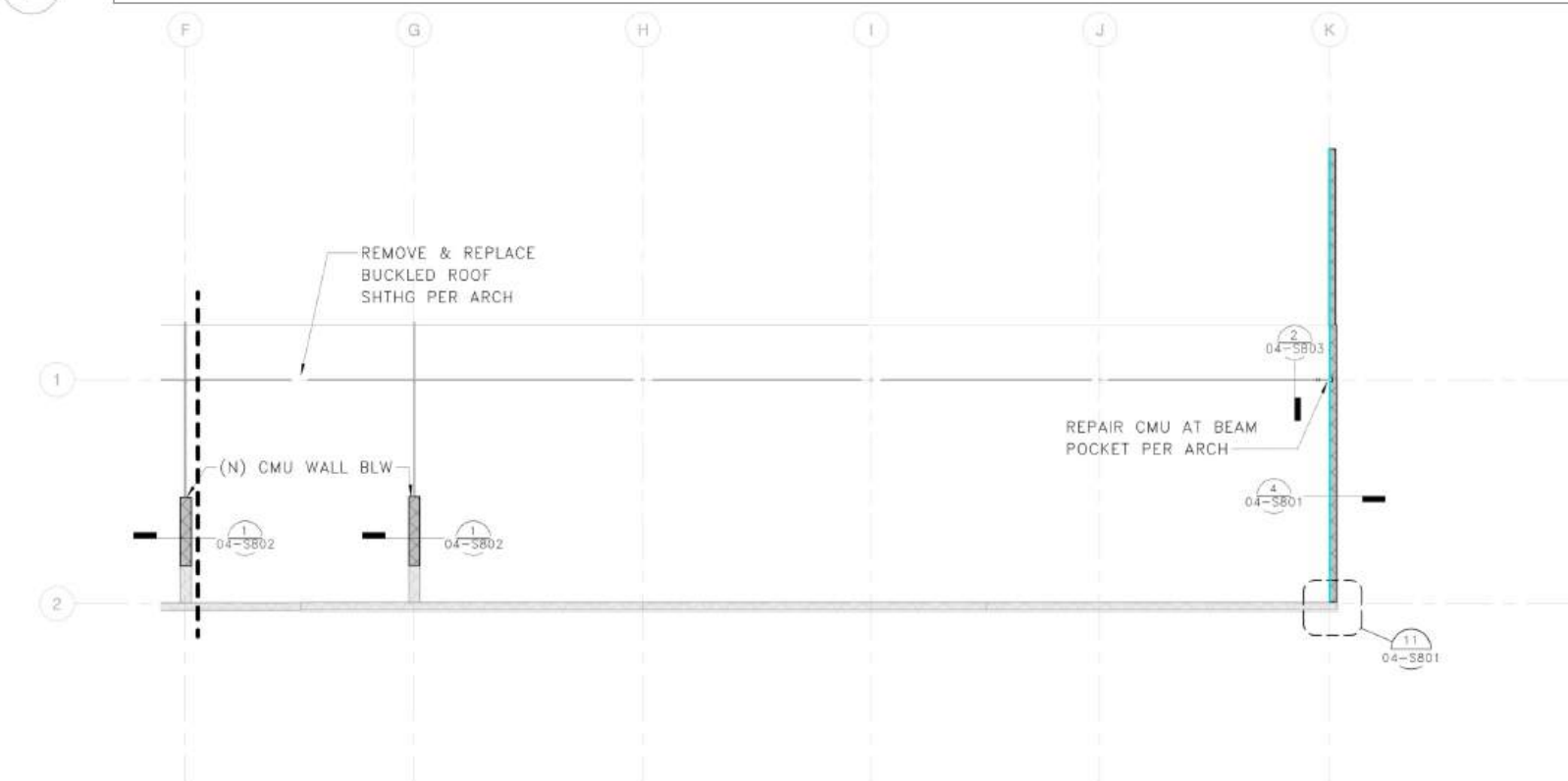
DRAWING NO.
110
182718
PMIS NO.
267538
SHEET
346
OF 748



ROOF FRAMING PLAN NOTES

1. SEE SHEETS 00-S001 - 00-S006 FOR GENERAL NOTES AND SYMBOLS.
2. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS.
3. CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY SHORING.
4. XXX-1, XXX-2, ETC. INDICATES A CONNECTION, HARDWARE OR FASTENER. REFERENCE GENERAL NOTES FOR ADDITIONAL INFORMATION ON PRODUCT SELECTION.

 L4x4x3/16 Steel Angle W/ 6" ACR-1 Anchors @ 16" O.C

63.6 FT 

2 ROOF FRAMING PLAN - EAST



CONSTRUCTION DRAWINGS

DESIGNED:	JEZ
DRAWN:	JNH
TECH REVIEW:	LMB
DATE:	7/19/24

SUB SHEET NO.

04-S202

TITLE OF SHEET
ROOF FRAMING PLAN

REHABILITATE PAINTED DESERT
COMMUNITY COMPLEX
PETRIFIED FOREST NATIONAL PARK

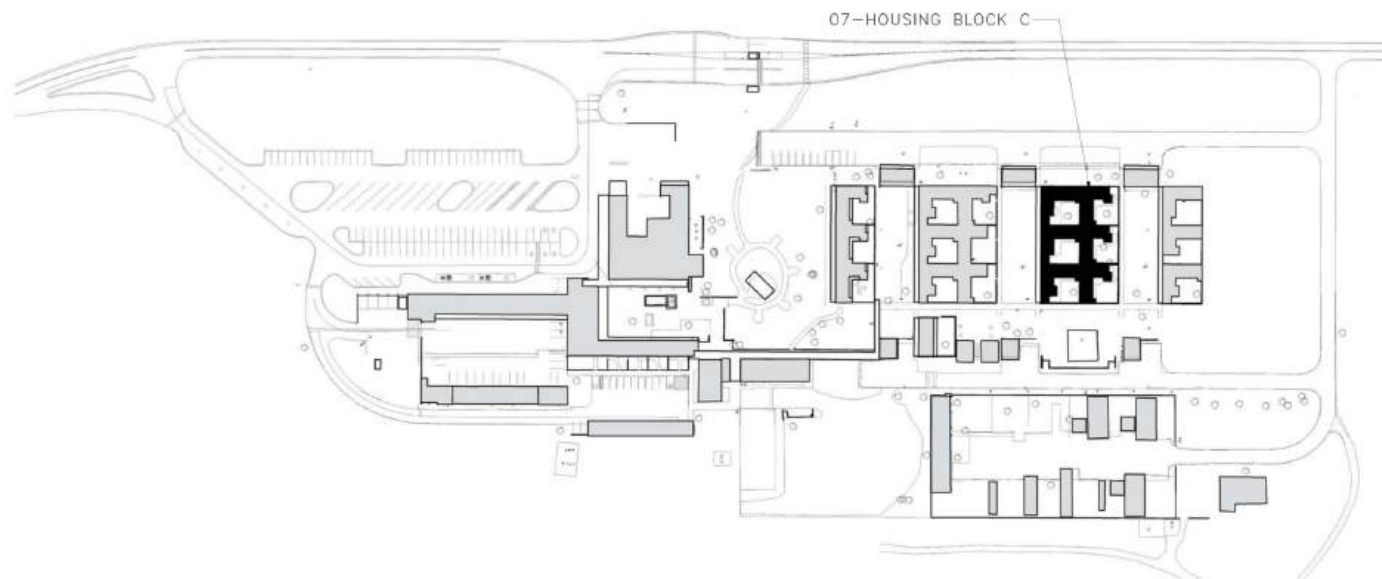
DRAWING NO.	110
	182718
PMIS NO.	267538
SHEET	347
	OF 748

Autodesk Docs://23_013-01P - NPS PEFO Rehab PD Complex/23013-01P_NPS PEFO_RES BLOCK C_ARCH.rvt



LOOKING TOWARD SOUTHWEST CORNER OF HOUSING BLOCK C

FOR DRAWING SHEET INDEX, REFERENCE 00-G001



OVERALL SITE PLAN KEY

NOT TO SCALE



CONSTRUCTION DRAWINGS

DESIGNED:
TM / LJ
DRAWN:
LJ
TECH REVIEW:
KZ
DATE:
7/19/24

SUB SHEET NO.

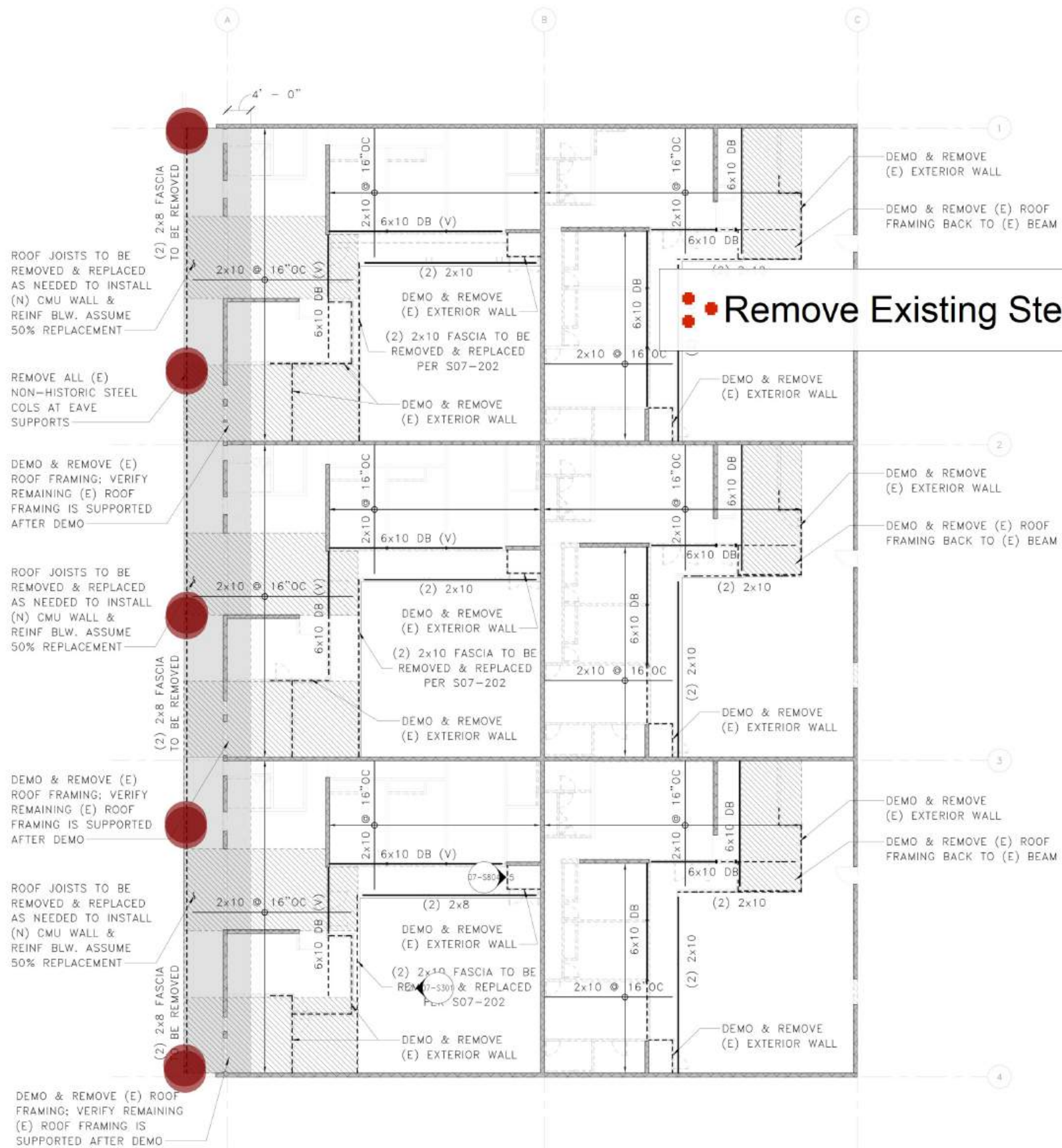
07-A001

TITLE OF SHEET

COVER - HOUSING BLOCK C

REHABILITATE PAINTED DESERT
COMMUNITY COMPLEX
PETRIFIED FOREST NATIONAL PARK

DRAWING NO.
110
182718
PMIS NO.
267538
SHEET
432
OF 748



1. FIELD VERIFY ALL EXISTING DIMENSIONS. DO NOT SCALE DRAWINGS. REQUEST CLARIFICATION IF THERE ARE ANY DISCREPANCIES PRIOR TO COMMENCING WORK.
2. CAREFULLY COORDINATE DEMOLITION EXTENTS W/ ARCHITECTURAL DEMO SHEETS.

3.  HATCH INDICATES (E)
CONSTRUCTION TO BE REMOVED
- (V) VERIFY
- (E) EXISTING
- (N) NEW
4.  LIGHT DASHED LINE INDICATES (E) BEARING
WALL TO REMAIN

ARK DASHED LINE INDICATES (E) BEARING
ALL TO BE REMOVED

ADDING INDICATES EXTENTS OF ROOF
EATHING TO BE REMOVED FOR STRUCTURAL
GRADES

- Remove Existing Steel Column (9'-0" H)

10.0 EA

1 DEMO ROOF FRAMING PLAN

CONSTRUCTION DRAWINGS

DESIGNED:
JEZ

DRAWN:
JNH
TECH REVIEW:
LMB

DATE:
7/19/24

SUB SHEET NO.

07-S102

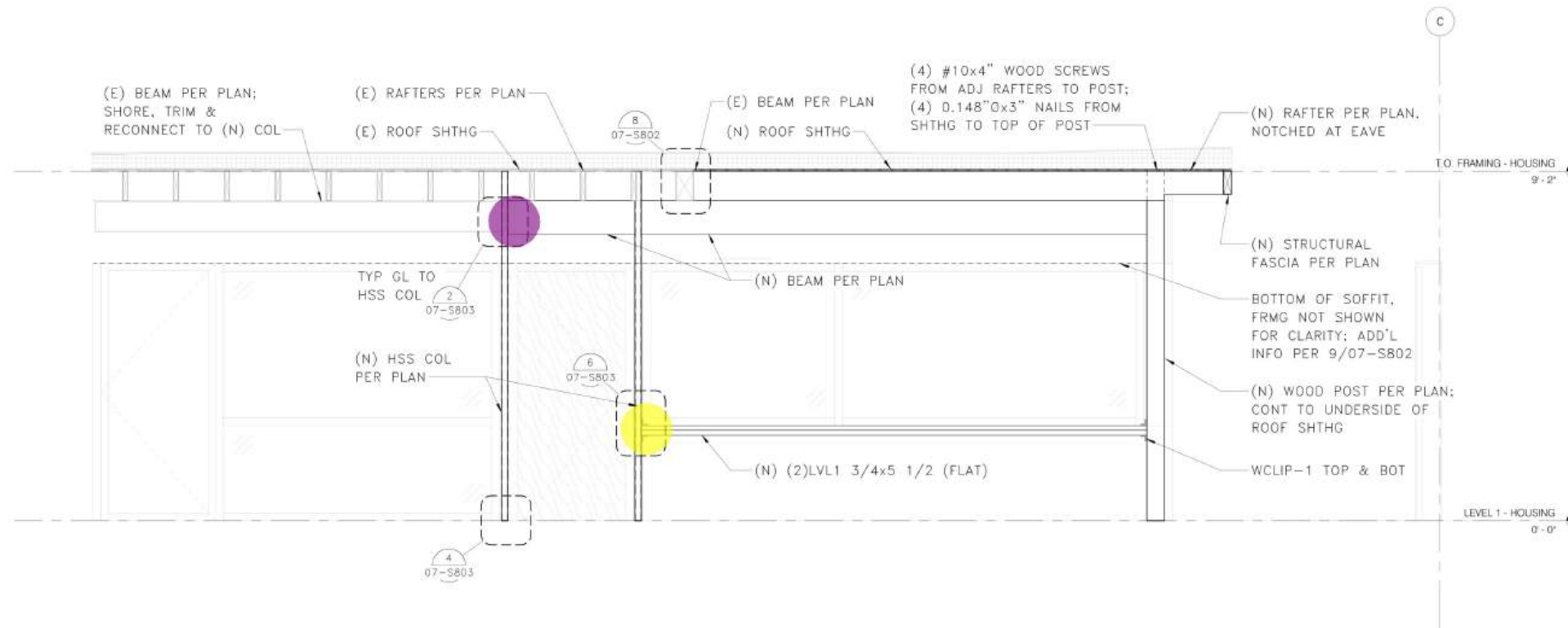
TITLE OF SHEET
DEMO ROOF FRAMING
PLAN

REHABILITATE PAINTED DESERT
COMMUNITY COMPLEX
PETRIFIED FOREST NATIONAL PARK

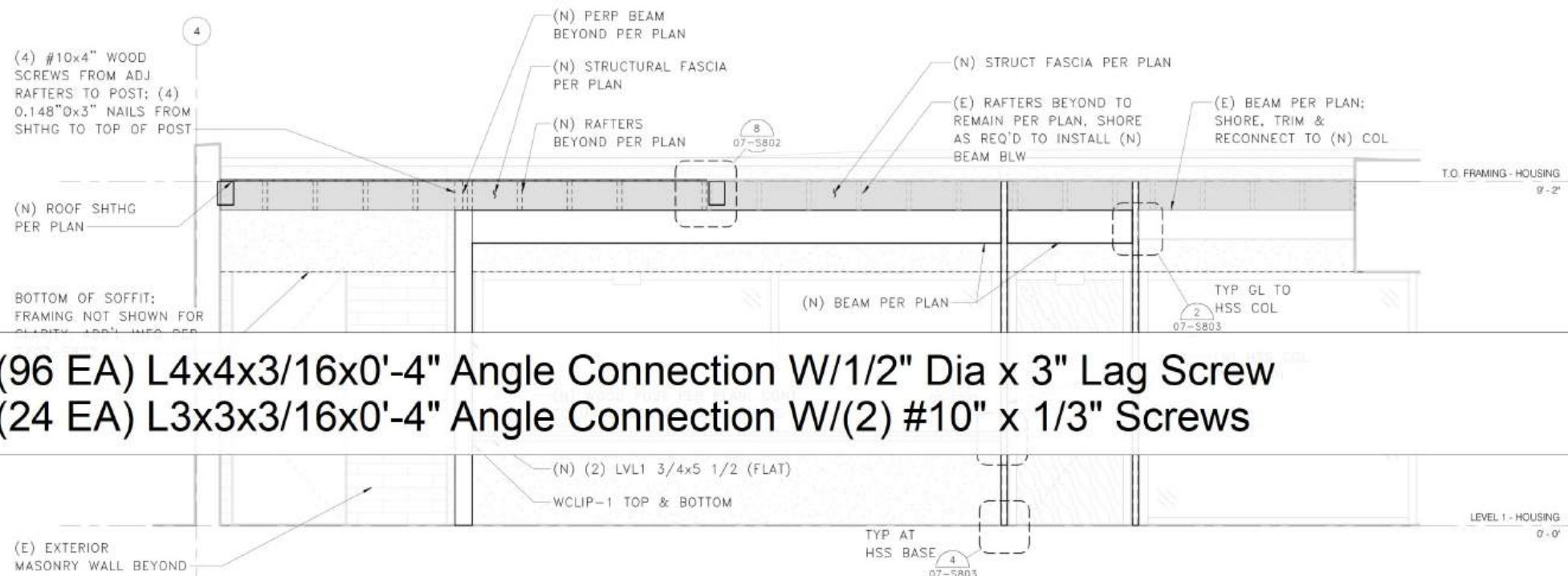
DRAWING NO.	110
PMIS NO.	267538
SHEET	453
OF 748	



Autodesk Docs://23_013-01P - NPS PEFO Rehab PD Complex/23013-01P_NPS PEFO_RES BLOCK C_STRU.rvt



1 NORTH COURTYARD VIEW PD - 213, 214, 215



2 WEST COURTYARD VIEW PD - 210, 211, 212

- (96 EA) L4x4x3/16x0'-4" Angle Connection W/1/2" Dia x 3" Lag Screw
- (24 EA) L3x3x3/16x0'-4" Angle Connection W/(2) #10" x 1/3" Screws

1.0 EA

1.0 EA



CONSTRUCTION DRAWINGS

DESIGNED:
JEZ
DRAWN:
JNH
TECH REVIEW:
LMB
DATE:
7/19/24

SUB SHEET NO.

07-S301

TITLE OF SHEET
STRUCTURAL ELEVATIONS

REHABILITATE PAINTED DESERT
COMMUNITY COMPLEX
PETRIFIED FOREST NATIONAL PARK

DRAWING NO.
110
182718
PMIS NO.
267538
SHEET
456
OF 748

- (3) L8x8x1/2x0'-10" W/ (6) 5" ACR-3 Achors
- HSS5x2x1/4 Steel Post (9'-0" H)
- HSS3x3x3/16 Steel Post (9'-0" H)
- (5-1/2" x 6-1/2" x 3/8") Steel Base Plate W/ (2) 6" ACR1 Anchor Bolts
- (6" x 6" x 3/8") Steel Base Plate W/ (2) 6" ACR1 Anchor Bolts

6.0 EA

2.0 EA

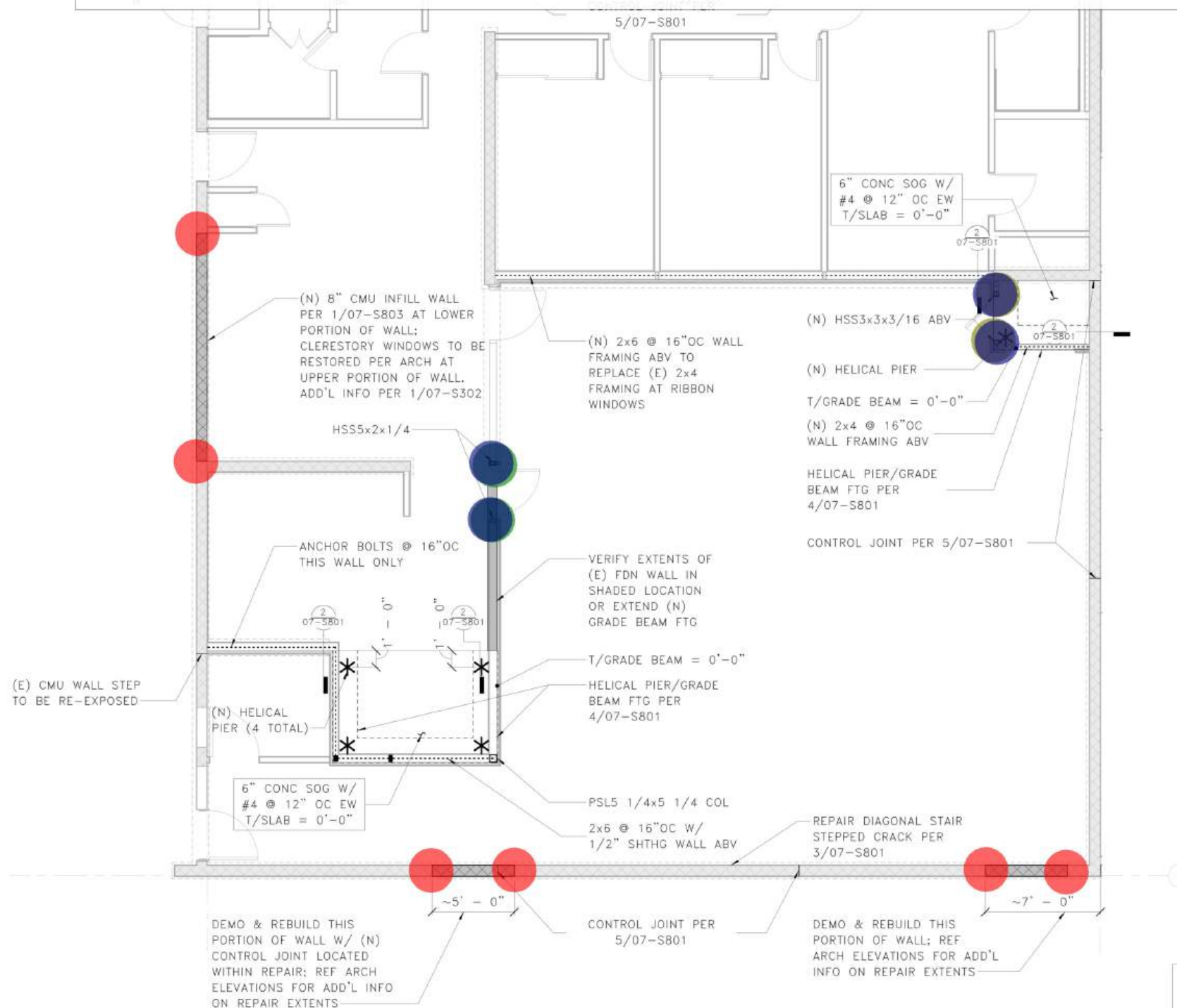
2.0 EA

2.0 EA

2.0 EA

FOUNDATION PLAN NOTES

- SEE SHEETS 00-S001 - 00-S006 FOR GENERAL NOTES AND SYMBOLS.
- * INDICATES LOCATION OF HELICAL PIER. CONTACT CONTRACTING OFFICER IF INSTALLED LOCATION VARIES FROM WHAT IS SHOWN.
- ALL HELICAL PIERS TO HAVE 30-KIPS ALLOWABLE COMPRESSION AND TENSION UNO.
- VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS. ALL EXISTING DIMENSIONS SHALL BE FIELD VERIFIED.
- CONTRACTOR SHALL LOCATE AND VERIFY THE FOLLOWING WITH OTHERS PRIOR TO POURING CONCRETE: ALL DOOR OPENINGS IN FOUNDATION WALLS; DRAINS AND SLOPES; BLOCKOUTS FOR PLUMBING, SPRINKLERS AND HVAC. ALL DUCTS, CHASES AND PIPES PER MECHANICAL, PLUMBING, ELECTRICAL AND SPRINKLER DRAWINGS. STAIR DETAILS AND GUARDRAILS PER ARCHITECTURAL DRAWINGS.
- ALL CONCRETE SLABS TO BEAR ON OVEREXCAVATED SOIL AND REPLACED STRUCTURAL FILL PER GEOTECH REPORT. SUBGRADE PREPARATION, STRUCTURAL FILL, FOOTING DRAINS, AND OTHER REQUIREMENTS PER GEOTECH REPORT AS NOTED IN THE STRUCTURAL GENERAL NOTES.
- XXX-1, XXX-2, ETC. INDICATES A CONNECTION, HARDWARE OR FASTENER. REFERENCE GENERAL NOTES FOR ADDITIONAL INFORMATION ON PRODUCT SELECTION.
- STRUCTURAL CRACK REPAIRS INDICATED ON PLAN. ADDITIONAL NON-STRUCTURAL CRACK REPAIRS ARE INDICATED ON ARCHITECTURAL PLANS/ELEVATIONS.
- NEW WALL CONTROL JOINTS ARE SHOWN ON PLAN TO BE LOCATED NO MORE THAN 10'-0" OC AND ALSO TO ALIGN WITH PERPENDICULAR WALLS. CONTROL JOINT LOCATIONS CAN BE +/- 1'-0" OC AS NEEDED TO ALIGN WITH BLOCK EDGES AND EXISTING CONDITIONS.
- TYPICAL DETAILS PER 07-S801, 07-S802, 07-S803 AND 07-S804.



1

FOUNDATION PLAN - PD-210



CONSTRUCTION DRAWINGS

DESIGNED:
JEZ
DRAWN:
JNH
TECH REVIEW:
LMB
DATE:
7/19/24

SUB SHEET NO.

07-S501

TITLE OF SHEET
ENLARGED FOUNDATION
PLAN PD-210
REHABILITATE PAINTED DESERT
COMMUNITY COMPLEX
PETRIFIED FOREST NATIONAL PARK

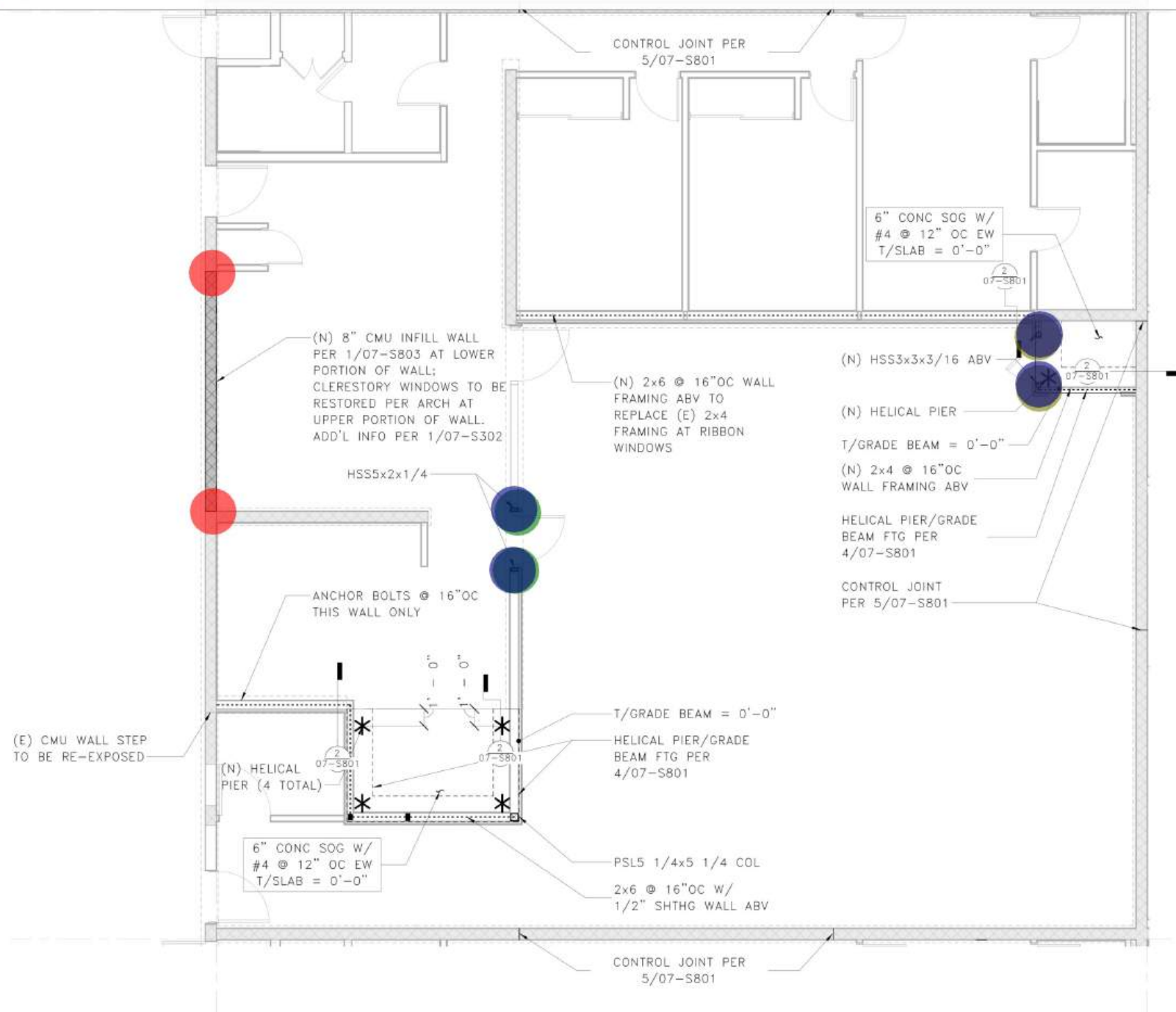
DRAWING NO.
110
182718
PMIS NO.
267538
SHEET
458
OF 748



Autodesk Docs://23_013-01P - NPS PEFO Rehab PD Complex/23013-01P_NPS PEFO_RES BLOCK C_STRU.rvt

- (3) L8x8x1/2x0'-10" W/ (6) 5" ACR-3 Achors
- HSS5x2x1/4 Steel Post (9'-0" H)
- HSS3x3x3/16 Steel Post (9'-0" H)
- (5-1/2" x 6-1/2" x 3/8") Steel Base Plate W/ (2) 6" ACR1 Anchor Bolts
- (6" x 6" x 3/8") Steel Base Plate W/ (2) 6" ACR1 Anchor Bolts

2.0 EA 
2.0 EA 
2.0 EA 
2.0 EA 
2.0 EA 



FOUNDATION PLAN NOTES

1. SEE SHEETS 00-S001 - 00-S006 FOR GENERAL NOTES AND SYMBOLS.
2. * INDICATES LOCATION OF HELICAL PIER. CONTACT CONTRACTING OFFICER IF INSTALLED LOCATION VARIES FROM WHAT IS SHOWN.
3. ALL HELICAL PIERS TO HAVE 30-KIPS ALLOWABLE COMPRESSION AND TENSION UNO.
4. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS. ALL EXISTING DIMENSIONS SHALL BE FIELD VERIFIED.
5. CONTRACTOR SHALL LOCATE AND VERIFY THE FOLLOWING WITH OTHERS PRIOR TO POURING CONCRETE: ALL DOOR OPENINGS IN FOUNDATION WALLS; DRAINS AND SLOPES; BLOCKOUTS FOR PLUMBING, SPRINKLERS AND HVAC. ALL DUCTS, CHASES AND PIPES PER MECHANICAL, PLUMBING, ELECTRICAL AND SPRINKLER DRAWINGS. STAIR DETAILS AND GUARDRAILS PER ARCHITECTURAL DRAWINGS.
6. ALL CONCRETE SLABS TO BEAR ON OVEREXCAVATED SOIL AND REPLACED STRUCTURAL FILL PER GEOTECH REPORT. SUBGRADE PREPARATION, STRUCTURAL FILL, FOOTING DRAINS, AND OTHER REQUIREMENTS PER GEOTECH REPORT AS NOTED IN THE STRUCTURAL GENERAL NOTES.
7. XXX-1, XXX-2, ETC. INDICATES A CONNECTION, HARDWARE OR FASTENER. REFERENCE GENERAL NOTES FOR ADDITIONAL INFORMATION ON PRODUCT SELECTION.
8. STRUCTURAL CRACK REPAIRS INDICATED ON PLAN. ADDITIONAL NON-STRUCTURAL CRACK REPAIRS ARE INDICATED ON ARCHITECTURAL PLANS/ELEVATIONS.
9. NEW WALL CONTROL JOINTS ARE SHOWN ON PLAN TO BE LOCATED NO MORE THAN 10'-0" OC AND ALSO TO ALIGN WITH PERPENDICULAR WALLS. CONTROL JOINT LOCATIONS CAN BE +/- 1'-0" OC AS NEEDED TO ALIGN WITH BLOCK EDGES AND EXISTING CONDITIONS.
10. TYPICAL DETAILS PER 07-S801, 07-S802, 07-S803 AND 07-S804.

SCALE OF FEET 

CONSTRUCTION DRAWINGS

DESIGNED:
JEZ
DRAWN:
JNH
TECH REVIEW:
LMB
DATE:
7/19/24

SUB SHEET NO.

07-S502

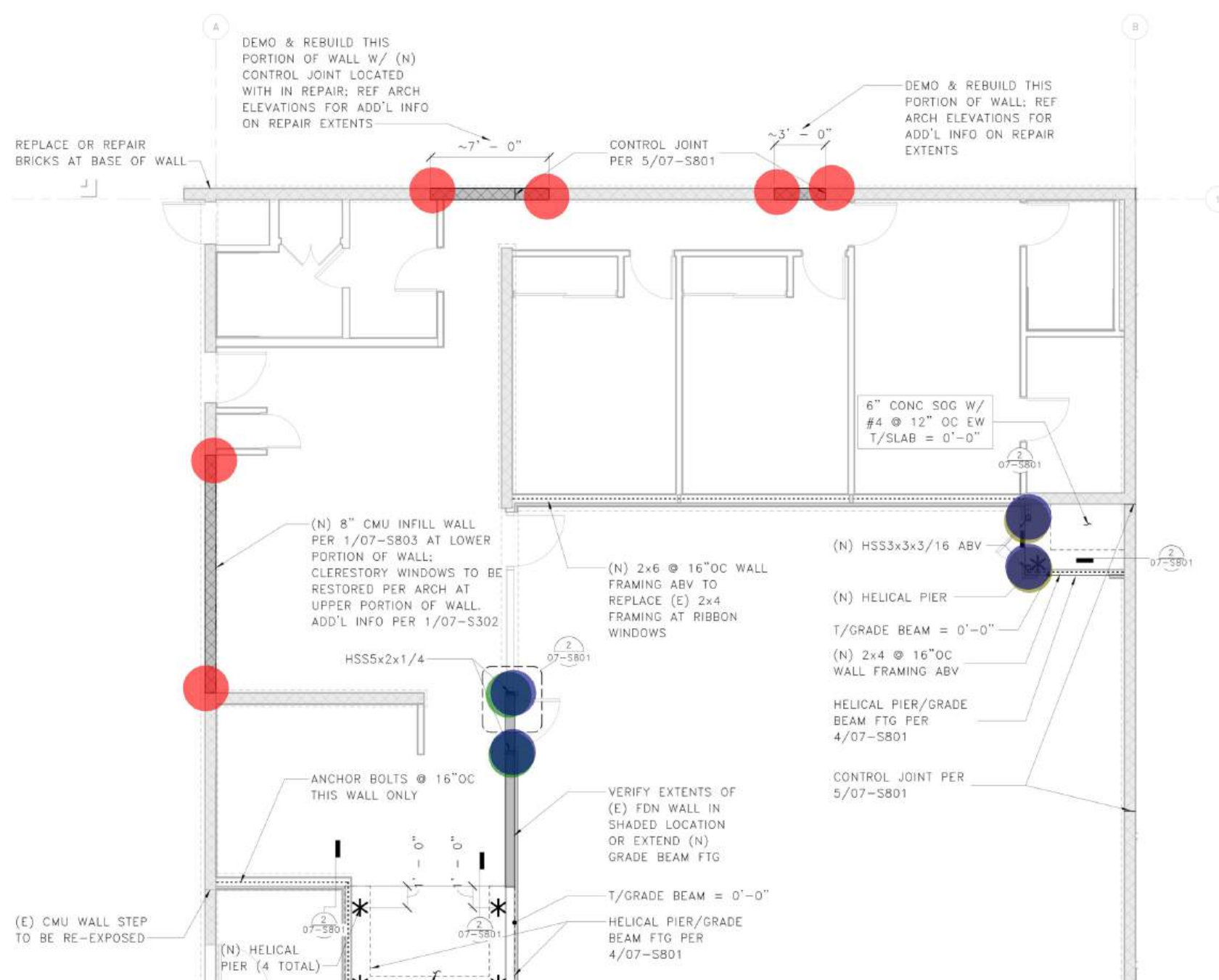
TITLE OF SHEET
ENLARGED FOUNDATION
PLAN PD-211
REHABILITATE PAINTED DESERT
COMMUNITY COMPLEX
PETRIFIED FOREST NATIONAL PARK

DRAWING NO.
110
182718
PMIS NO.
267538
SHEET
459
OF 748

1 FOUNDATION PLAN - PD-211

1. SEE SHEETS 00-S001 - 00-S006 FOR GENERAL NOTES AND SYMBOLS.

2. * INDICATES LOCATION OF HELICAL PIER. CONTACT CONTRACTING OFFICER IF INSTALLED LOCATION VARIES FROM WHAT IS SHOWN.
3. ALL HELICAL PIERS TO HAVE 30-KIPS ALLOWABLE COMPRESSION AND TENSION UNO.
4. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS. ALL EXISTING DIMENSIONS SHALL BE FIELD VERIFIED.
5. CONTRACTOR SHALL LOCATE AND VERIFY THE FOLLOWING WITH OTHERS PRIOR TO POURING CONCRETE: ALL DOOR OPENINGS IN FOUNDATION WALLS; DRAINS AND SLOPES; BLOCKOUTS FOR PLUMBING, SPRINKLERS AND HVAC. ALL DUCTS, CHASES AND PIPES PER MECHANICAL, PLUMBING, ELECTRICAL AND SPRINKLER DRAWINGS. STAIR DETAILS AND GUARDRAILS PER ARCHITECTURAL DRAWINGS.
6. ALL CONCRETE SLABS TO BEAR ON OVEREXCAVATED SOIL AND REPLACED STRUCTURAL FILL PER GEOTECH REPORT. SUBGRADE PREPARATION, STRUCTURAL FILL, FOOTING DRAINS, AND OTHER REQUIREMENTS PER GEOTECH REPORT AS NOTED IN THE STRUCTURAL GENERAL NOTES.
7. XXX-1, XXX-2, ETC. INDICATES A CONNECTION, HARDWARE OR FASTENER. REFERENCE GENERAL NOTES FOR ADDITIONAL INFORMATION ON PRODUCT SELECTION.
8. STRUCTURAL CRACK REPAIRS INDICATED ON PLAN. ADDITIONAL NON-STRUCTURAL CRACK REPAIRS ARE INDICATED ON ARCHITECTURAL PLANS/ELEVATIONS.
9. NEW WALL CONTROL JOINTS ARE SHOWN ON PLAN TO BE LOCATED NO MORE THAN 10'-0"OC AND ALSO TO ALIGN WITH PERPENDICULAR WALLS. CONTROL JOINT LOCATIONS CAN BE +/- 1'-0"OC AS NEEDED TO ALIGN WITH BLOCK EDGES AND EXISTING CONDITIONS.
10. TYPICAL DETAILS PER 07-S801, 07-S802, 07-S803 AND 07-S804.

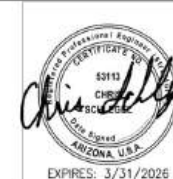


- (3) L8x8x1/2x0'-10" W/ (6) 5" ACR-3 Anchors
- HSS5x2x1/4 Steel Post (9'-0" H)
- HSS3x3x3/16 Steel Post (9'-0" H)
- (5-1/2" x 6-1/2" x 3/8") Steel Base Plate W/ (2) 6" ACR1 Anchor Bolts
- (6" x 6" x 3/8") Steel Base Plate W/ (2) 6" ACR1 Anchor Bolts

6.0 EA 
2.0 EA 
2.0 EA 
2.0 EA 
2.0 EA 



FOUNDATION PLAN - PD-212



DESIGNED:	JEZ
DRAWN:	JNH
TECH REVIEW:	LMB
DATE:	7/19/24

SUB SHEET NO.

07-S503

TITLE OF SHEET
ENLARGED FOUNDATION
PLAN PD-212
REHABILITATE PAINTED DESERT
COMMUNITY COMPLEX
PETRIFIED FOREST NATIONAL PARK

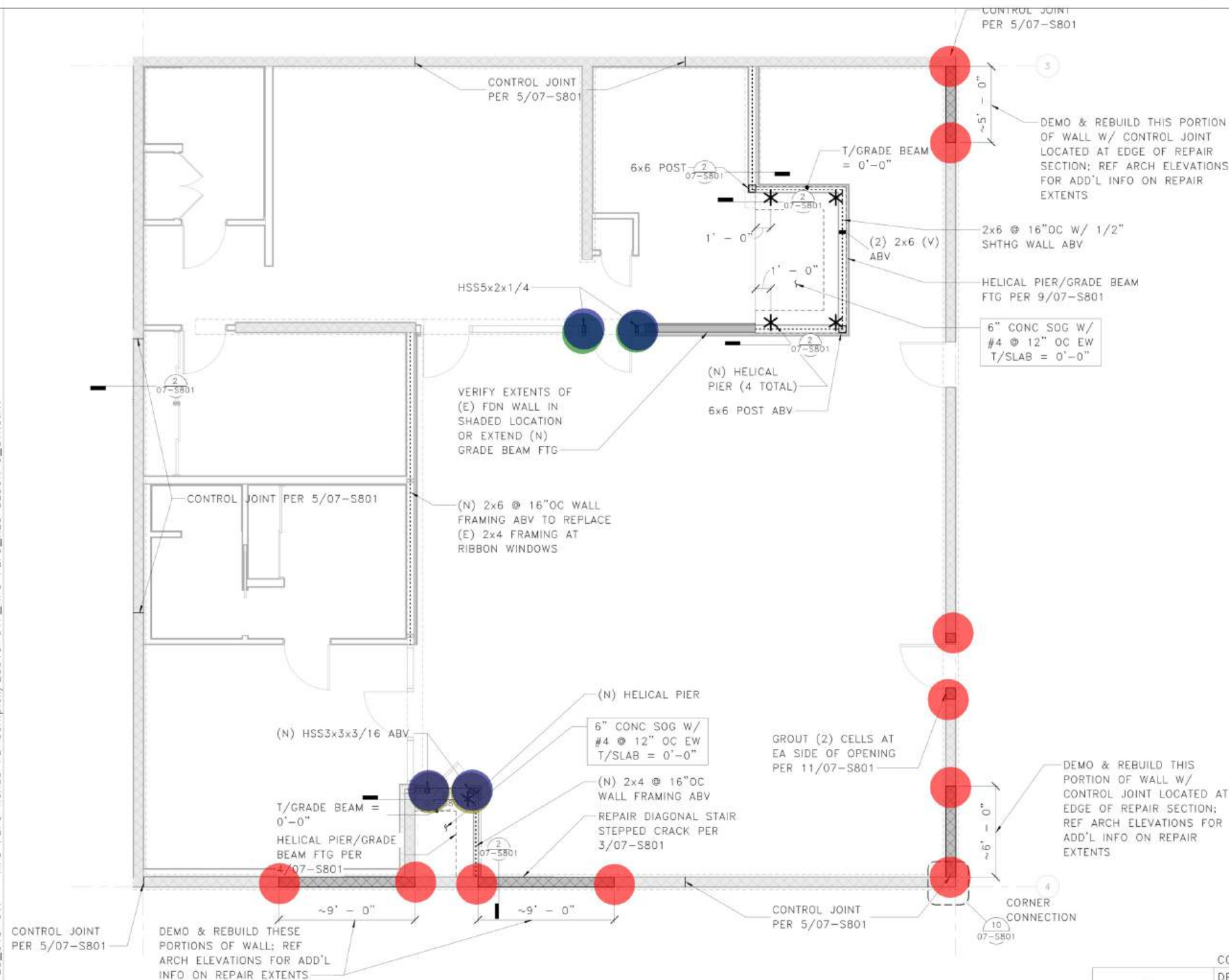
DRAWING NO.	110
	182718
PMIS NO.	267538
SHEET	460
	OF 748

- (3) L8x8x1/2x0'-10" W/ (6) 5" ACR-3 Achors
- HSS3x3x3/16 Steel Post (9'-0" H)
- HSS5x2x1/4 Steel Post (9'-0" H)
- (5-1/2" x 6-1/2" x 3/8") Steel Base Plate W/ (2) 6" ACR1 Anchor Bolts
- (6" x 6" x 3/8") Steel Base Plate W/ (2) 6" ACR1 Anchor Bolts

10.0 EA ●
2.0 EA ●
2.0 EA ●
2.0 EA ●
2.0 EA ●

FOUNDATION PLAN NOTES

- SEE SHEETS 00-S001 - 00-S006 FOR GENERAL NOTES AND SYMBOLS.
- * INDICATES LOCATION OF HELICAL PIER. CONTACT CONTRACTING OFFICER IF INSTALLED LOCATION VARIES FROM WHAT IS SHOWN.
- ALL HELICAL PIERS TO HAVE 30-KIPS ALLOWABLE COMPRESSION AND TENSION UNO.
- VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS. ALL EXISTING DIMENSIONS SHALL BE FIELD VERIFIED.
- CONTRACTOR SHALL LOCATE AND VERIFY THE FOLLOWING WITH OTHERS PRIOR TO POURING CONCRETE: ALL DOOR OPENINGS IN FOUNDATION WALLS; DRAINS AND SLOPES; BLOCKOUTS FOR PLUMBING, SPRINKLERS AND HVAC; ALL DUCTS, CHASES AND PIPES PER MECHANICAL, PLUMBING, ELECTRICAL AND SPRINKLER DRAWINGS. STAIR DETAILS AND GUARDRAILS PER ARCHITECTURAL DRAWINGS.
- ALL CONCRETE SLABS TO BEAR ON OVEREXCAVATED SOIL AND REPLACED STRUCTURAL FILL PER GEOTECH REPORT. SUBGRADE PREPARATION, STRUCTURAL FILL, FOOTING DRAINS, AND OTHER REQUIREMENTS PER GEOTECH REPORT AS NOTED IN THE STRUCTURAL GENERAL NOTES.
- XXX-1, XXX-2, ETC. INDICATES A CONNECTION, HARDWARE OR FASTENER. REFERENCE GENERAL NOTES FOR ADDITIONAL INFORMATION ON PRODUCT SELECTION.
- STRUCTURAL CRACK REPAIRS INDICATED ON PLAN. ADDITIONAL NON-STRUCTURAL CRACK REPAIRS ARE INDICATED ON ARCHITECTURAL PLANS/ELEVATIONS.
- NEW WALL CONTROL JOINTS ARE SHOWN ON PLAN TO BE LOCATED NO MORE THAN 10'-0" OC AND ALSO TO ALIGN WITH PERPENDICULAR WALLS. CONTROL JOINT LOCATIONS CAN BE +/- 1'-0" OC AS NEEDED TO ALIGN WITH BLOCK EDGES AND EXISTING CONDITIONS.
- TYPICAL DETAILS PER 07-S801, 07-S802, 07-S803 AND 07-S804.



FOUNDATION PLAN - PD-213

CONSTRUCTION DRAWINGS

DESIGNED:
JEZ
DRAWN:
JNH
TECH REVIEW:
LMB
DATE:
7/19/24

SUB SHEET NO.

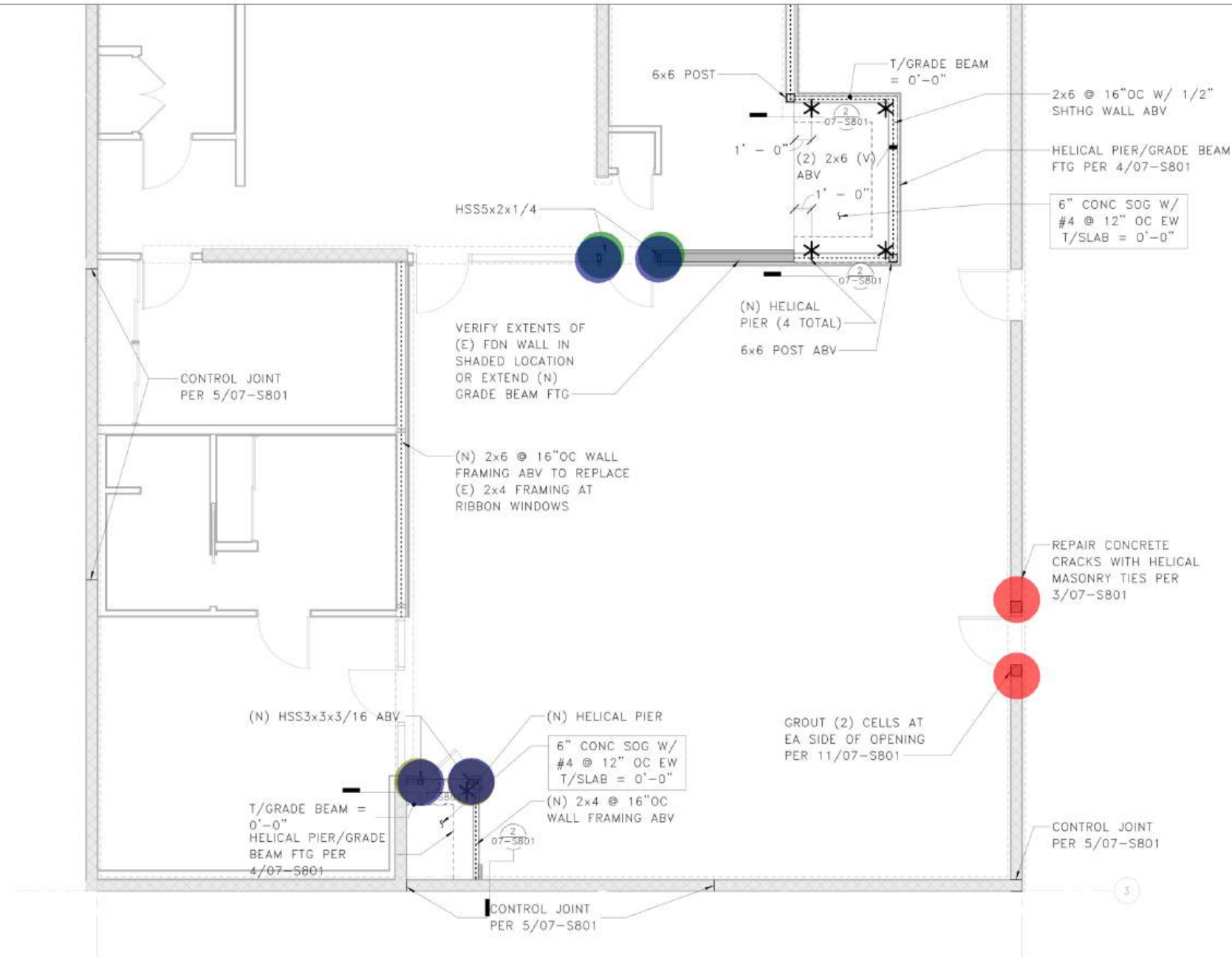
07-S504

TITLE OF SHEET
ENLARGED FOUNDATION
PLAN PD-213
REHABILITATE PAINTED DESERT
COMMUNITY COMPLEX
PETRIFIED FOREST NATIONAL PARK

DRAWING NO.
110
182718
PMIS NO.
267538
SHEET
461
OF 748



- HSS3x3x3/16 Steel Post (9'-0" H) 2.0 EA
- (3) L8x8x1/2x0'-10" W/ (6) 5" ACR-3 Achors 2.0 EA
- HSS5x2x1/4 Steel Post (9'-0" H) 2.0 EA
- (6" x 6" x 3/8") Steel Base Plate W/ (2) 6" ACR1 Anchor Bolts 2.0 EA
- (5-1/2" x 6-1/2" x 3/8") Steel Base Plate W/ (2) 6" ACR1 Anchor Bolts 2.0 EA



FOUNDATION PLAN NOTES

- SEE SHEETS 00-S001 - 00-S006 FOR GENERAL NOTES AND SYMBOLS.
- * INDICATES LOCATION OF HELICAL PIER. CONTACT CONTRACTING OFFICER IF INSTALLED LOCATION VARIES FROM WHAT IS SHOWN.
- ALL HELICAL PIERS TO HAVE 30-KIPS ALLOWABLE COMPRESSION AND TENSION UNO.
- VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS. ALL EXISTING DIMENSIONS SHALL BE FIELD VERIFIED.
- CONTRACTOR SHALL LOCATE AND VERIFY THE FOLLOWING WITH OTHERS PRIOR TO POURING CONCRETE: ALL DOOR OPENINGS IN FOUNDATION WALLS; DRAINS AND SLOPES; BLOCKOUTS FOR PLUMBING, SPRINKLERS AND HVAC. ALL DUCTS, CHASES AND PIPES PER MECHANICAL, PLUMBING, ELECTRICAL AND SPRINKLER DRAWINGS. STAIR DETAILS AND GUARDRAILS PER ARCHITECTURAL DRAWINGS.
- ALL CONCRETE SLABS TO BEAR ON OVEREXCAVATED SOIL AND REPLACED STRUCTURAL FILL PER GEOTECH REPORT. SUBGRADE PREPARATION, STRUCTURAL FILL, FOOTING DRAINS, AND OTHER REQUIREMENTS PER GEOTECH REPORT AS NOTED IN THE STRUCTURAL GENERAL NOTES.
- XXX-1, XXX-2, ETC. INDICATES A CONNECTION, HARDWARE OR FASTENER. REFERENCE GENERAL NOTES FOR ADDITIONAL INFORMATION ON PRODUCT SELECTION.
- STRUCTURAL CRACK REPAIRS INDICATED ON PLAN. ADDITIONAL NON-STRUCTURAL CRACK REPAIRS ARE INDICATED ON ARCHITECTURAL PLANS/ELEVATIONS.
- NEW WALL CONTROL JOINTS ARE SHOWN ON PLAN TO BE LOCATED NO MORE THAN 10'-0" OC AND ALSO TO ALIGN WITH PERPENDICULAR WALLS. CONTROL JOINT LOCATIONS CAN BE +/- 1'-0" OC AS NEEDED TO ALIGN WITH BLOCK EDGES AND EXISTING CONDITIONS.
- TYPICAL DETAILS PER 07-S801, 07-S802, 07-S803 AND 07-S804.



1 FOUNDATION PLAN - PD-214



CONSTRUCTION DRAWINGS

DESIGNED:
JEZ

DRAWN:
JNH

TECH REVIEW:
LMB

DATE:
7/19/24

SUB SHEET NO.

07-S505

TITLE OF SHEET
ENLARGED FOUNDATION
PLAN PD-214
REHABILITATE PAINTED DESERT
COMMUNITY COMPLEX
PETRIFIED FOREST NATIONAL PARK

DRAWING NO.
110
182718

PMIS NO.
267538

SHEET
462
OF 748

- 2.0 EA
- 2.0 EA
- 2.0 EA
- 2.0 EA
- 2.0 EA

1. SEE SHEETS 00-S001 - 00-S006 FOR GENERAL NOTES AND SYMBOLS.
2. * INDICATES LOCATION OF HELICAL PIER. CONTACT CONTRACTING OFFICER IF INSTALLED LOCATION VARIES FROM WHAT IS SHOWN.
3. ALL HELICAL PIERS TO HAVE 30-KIPS ALLOWABLE COMPRESSION AND TENSION UNO.
4. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS. ALL EXISTING DIMENSIONS SHALL BE FIELD VERIFIED.
5. CONTRACTOR SHALL LOCATE AND VERIFY THE FOLLOWING WITH OTHERS PRIOR TO POURING CONCRETE: ALL DOOR OPENINGS IN FOUNDATION WALLS; DRAINS AND SLOPES; BLOCKOUTS FOR PLUMBING, SPRINKLERS AND HVAC. ALL DUCTS, CHASES AND PIPES PER MECHANICAL, PLUMBING, ELECTRICAL AND SPRINKLER DRAWINGS. STAIR DETAILS AND GUARDRAILS PER ARCHITECTURAL DRAWINGS.
6. ALL CONCRETE SLABS TO BEAR ON OVEREXCAVATED SOIL AND REPLACED STRUCTURAL FILL PER GEOTECH REPORT. SUBGRADE PREPARATION, STRUCTURAL FILL, FOOTING DRAINS, AND OTHER REQUIREMENTS PER GEOTECH REPORT AS NOTED IN THE STRUCTURAL GENERAL NOTES.
7. XXX-1, XXX-2, ETC. INDICATES A CONNECTION, HARDWARE OR FASTENER, REFERENCE GENERAL NOTES FOR ADDITIONAL INFORMATION ON PRODUCT SELECTION.
8. STRUCTURAL CRACK REPAIRS INDICATED ON PLAN. ADDITIONAL NON-STRUCTURAL CRACK REPAIRS ARE INDICATED ON ARCHITECTURAL PLANS/ELEVATIONS.
9. NEW WALL CONTROL JOINTS ARE SHOWN ON PLAN TO BE LOCATED NO MORE THAN 10'-0"OC AND ALSO TO ALIGN WITH PERPENDICULAR WALLS. CONTROL JOINT LOCATIONS CAN BE +/- 1'-0"OC AS NEEDED TO ALIGN WITH BLOCK EDGES AND EXISTING CONDITIONS.
10. TYPICAL DETAILS PER 07-S801, 07-S802, 07-S803 AND 07-S804.



FOUNDATION PLAN - PD-215

DESIGNED:
JEZ
DRAWN:
JNH
TECH REV
LMB
DATE:
7/19/24

SUB SHEET NO.

07-S506

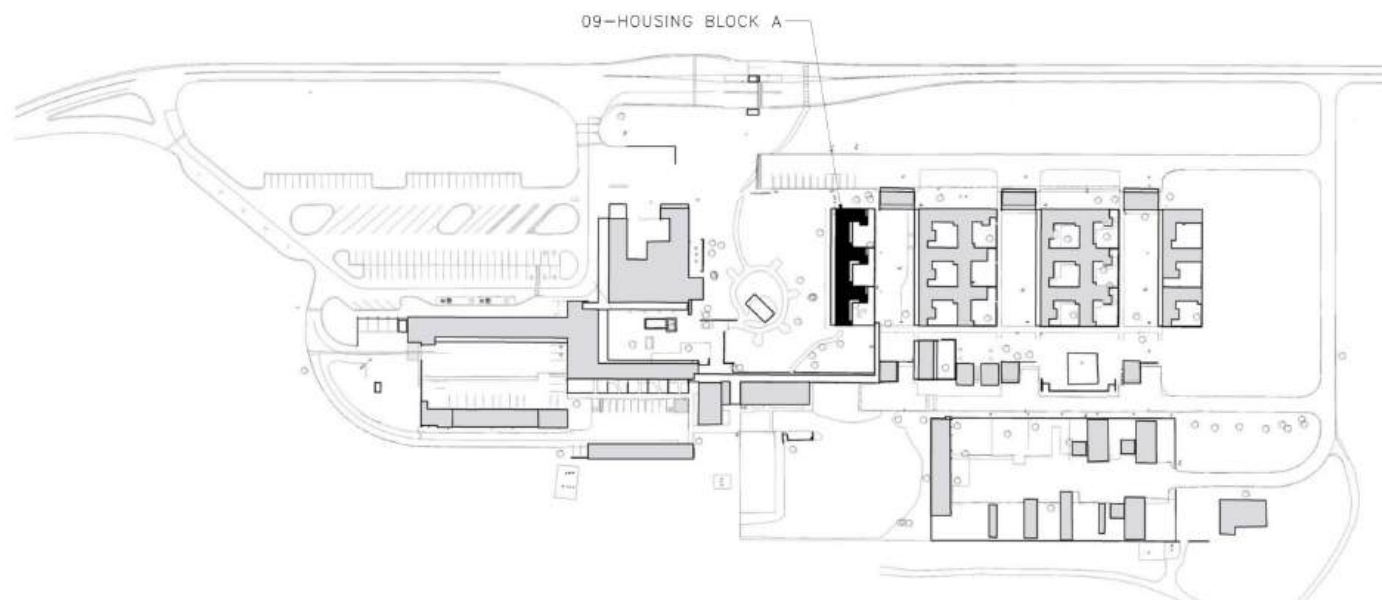
TITLE OF SHEET
ENLARGED FOUNDATION
PLAN PD-215
REHABILITATE PAINTED DESERT
COMMUNITY COMPLEX
PETRIFIED FOREST NATIONAL PARK

DRAWING NO. 110 182718
PMIS NO. 267538
SHEET 463 OF 748

Autodesk Docs://23_013-01P - NPS PEFO Rehab PD Complex/23013-01P_NPS PEFO_RES BLOCK A_ARCH.rvt



LOOKING TOWARD SOUTHWEST CORNER OF HOUSING BLOCK A

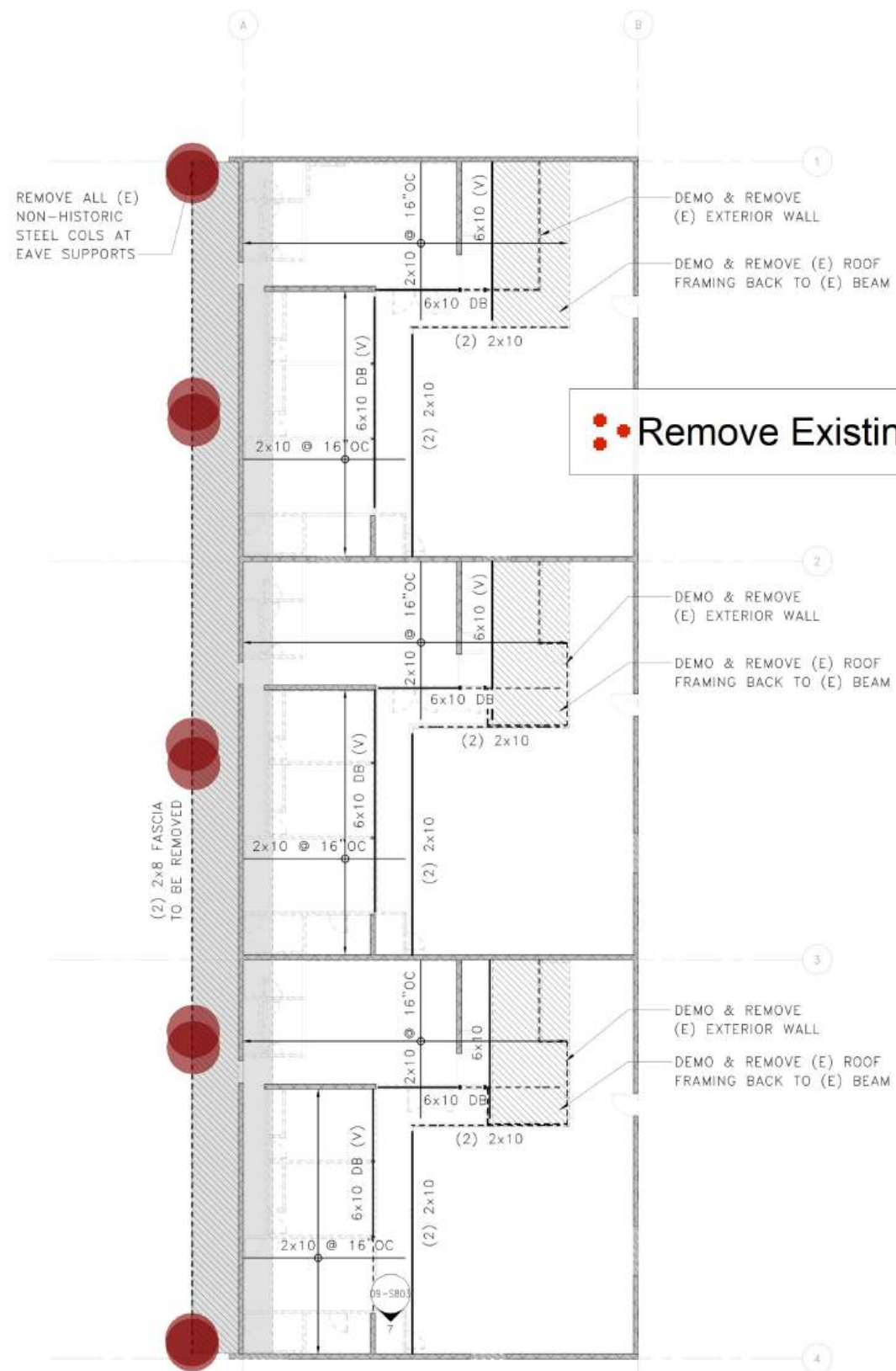


OVERALL SITE PLAN KEY

NOT TO SCALE

FOR DRAWING SHEET INDEX, REFERENCE 00-G001

CONSTRUCTION DRAWINGS				
	DESIGNED: TM / LJ	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO. 110
	DRAWN: LJ	09-A001	COVER - HOUSING BLOCK A	182718
	TECH REVIEW: KZ			PMIS NO. 267538
	DATE: 7/19/24			SHEET 609
			REHABILITATE PAINTED DESERT COMMUNITY COMPLEX PETRIFIED FOREST NATIONAL PARK	OF 748



- Remove Existing Steel Column (9'-0" H)

10.0 EA 

DEMOLITION PLAN NOTES

1. FIELD VERIFY ALL EXISTING DIMENSIONS, DO NOT SCALE DRAWINGS. REQUEST CLARIFICATION IF THERE ARE ANY DISCREPANCIES PRIOR TO COMMENCING WORK.
2. CAREFULLY COORDINATE DEMOLITION EXTENTS W/ ARCHITECTURAL DEMO SHEETS.
3.

	HATCH INDICATES (E) CONSTRUCTION TO BE REMOVED
	SHADING INDICATES EXTENTS OF ROOF SHEATHING TO BE REMOVED FOR STRUCTURAL UPGRADES
4.

(V)	VERIFY
(E)	EXISTING
(N)	NEW
4. LIGHT DASHED LINE INDICATES (E) BEARING WALL TO REMAIN
- DARK DASHED LINE INDICATES (E) BEARING WALL TO BE REMOVED

DEMO ROOF FRAMING PLAN

CONSTRUCTION DRAWINGS

DESIGNED:
LMB

DRAWN:
JNH
TECH REVIEW:
LMB

DATE:
7/19/24

SUB SHEET NO.

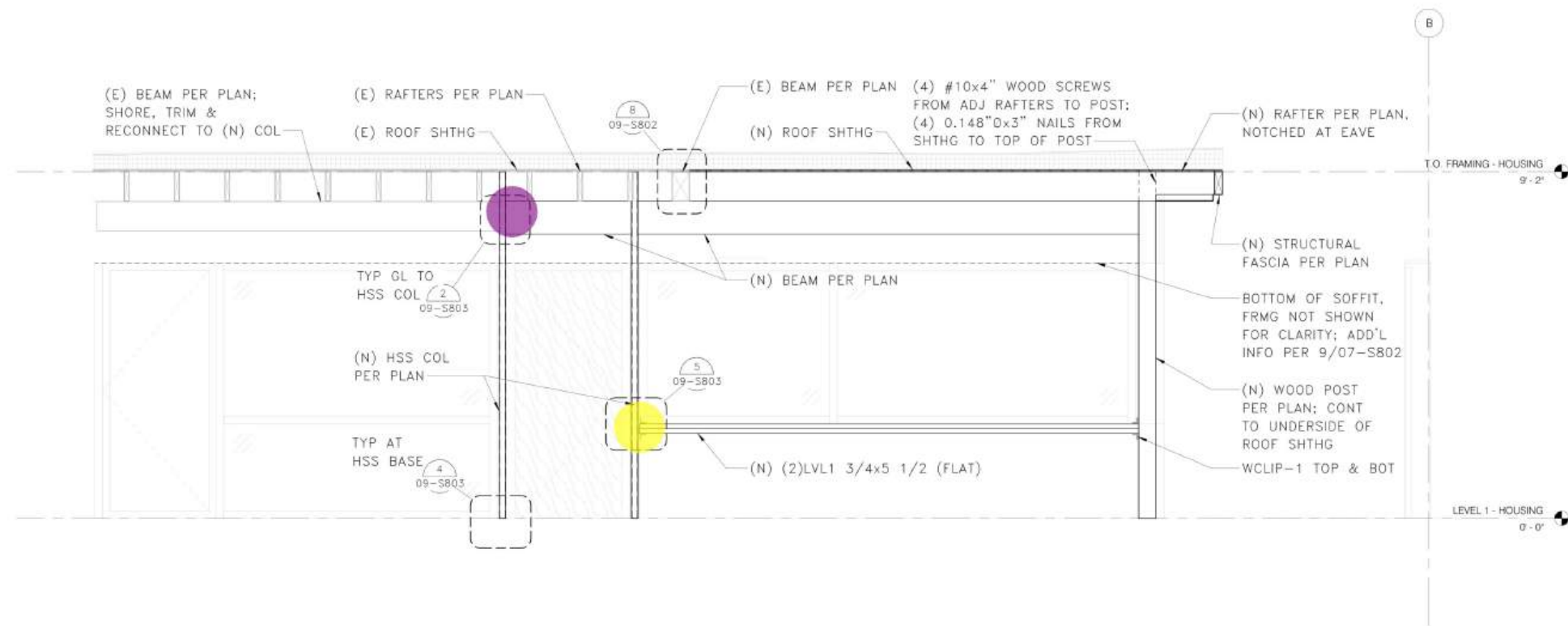
09-S102

TITLE OF SHEET
DEMO ROOF FRAMING
PLAN

REHABILITATE PAINTED DESERT
COMMUNITY COMPLEX
PETRIFIED FOREST NATIONAL PARK

DRAWING NO.	110
PMIS NO.	182718
SHEET	267538
	630
OF 748	





1 NORTH COURTYARD VIEW

- (48 EA) L4x4x3/16x0'-4" Angle Connection W/1/2" Dia x 3" Lag Screw
- (12 EA) L3x3x3/16x0'-4" Angle Connection W/(2) #10" x 1/3" Screws

1.0 EA 
1.0 EA 



CONSTRUCTION DRAWINGS

DESIGNED:
LMB
DRAWN:
JNH
TECH REVIEW:
LMB
DATE:
7/19/24

SUB SHEET NO.

09-S301

TITLE OF SHEET
STRUCTURAL ELEVATIONS

REHABILITATE PAINTED DESERT
COMMUNITY COMPLEX
PETRIFIED FOREST NATIONAL PARK

DRAWING NO.
110
182718
PMIS NO.
267538
SHEET
633
OF 748

- (3) L8x8x1/2x0'-10" W/ (6) 5" ACR-3 Anchors
- HSS3x3x3/16 Steel Post (9'-0" H)
- HSS5x2x1/4 Steel Post (9'-0" H)
- (6" x 6" x 3/8") Steel Base Plate W/ (2) 6" ACR1 Anchor Bolts
- (5-1/2" x 6-1/2" x 3/8") Steel Base Plate W/ (2) 6" ACR1 Anchor Bolts

6.0 EA ●

2.0 EA ●

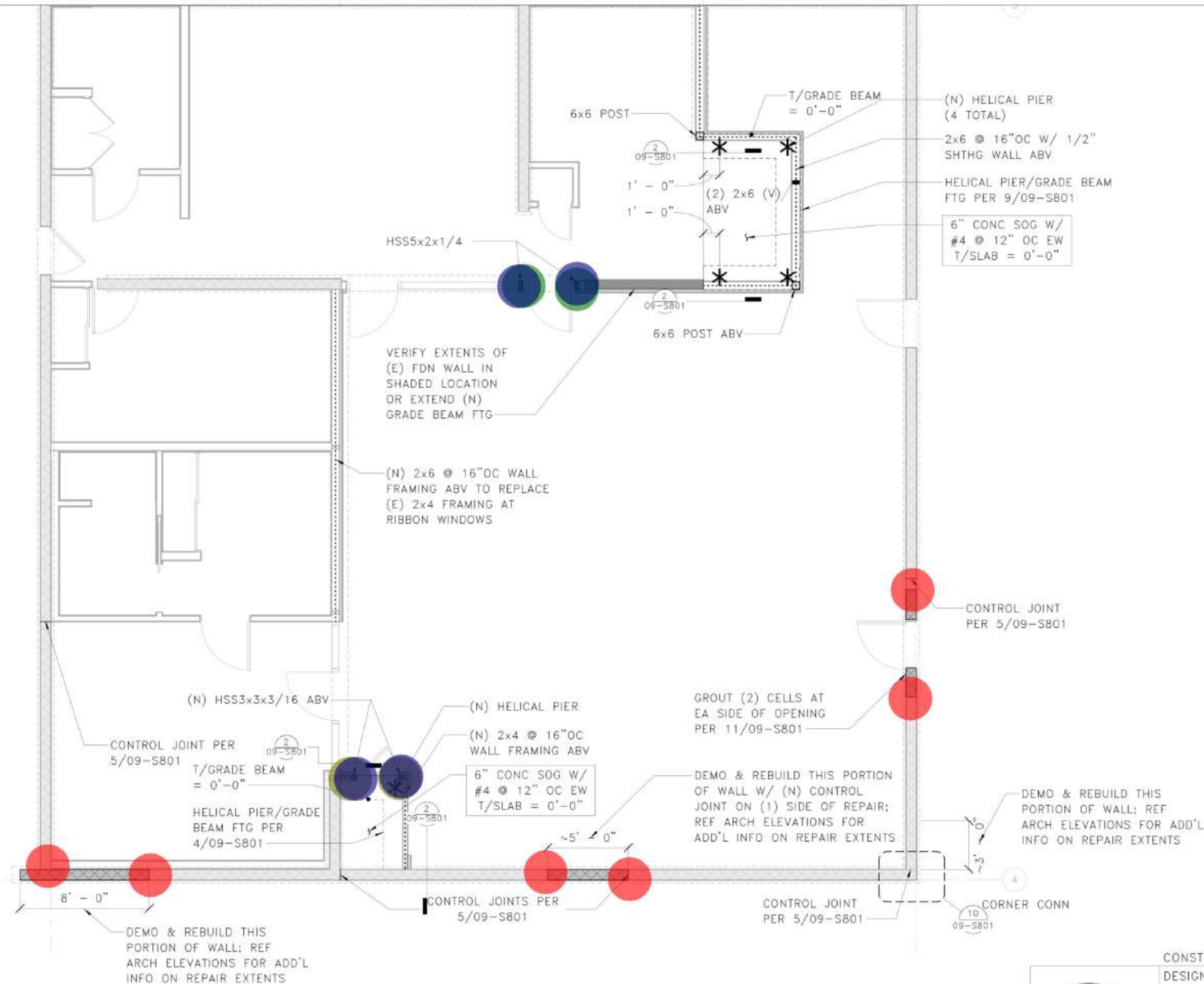
2.0 EA ●

2.0 EA ●

2.0 EA ●

FOUNDATION PLAN NOTES

- SEE SHEETS 00-S001 - 00-S006 FOR GENERAL NOTES AND SYMBOLS.
- * INDICATES LOCATION OF HELICAL PIER. CONTACT CONTRACTING OFFICER IF INSTALLED LOCATION VARIES FROM WHAT IS SHOWN.
- ALL HELICAL PIERS TO HAVE 30-KIPS ALLOWABLE COMPRESSION AND TENSION UNO.
- VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS. ALL EXISTING DIMENSIONS SHALL BE FIELD VERIFIED.
- CONTRACTOR SHALL LOCATE AND VERIFY THE FOLLOWING WITH OTHERS PRIOR TO POURING CONCRETE: ALL DOOR OPENINGS IN FOUNDATION WALLS; DRAINS AND SLOPES; BLOCKOUTS FOR PLUMBING, SPRINKLERS AND HVAC. ALL DUCTS, CHASES AND PIPES PER MECHANICAL, PLUMBING, ELECTRICAL AND SPRINKLER DRAWINGS. STAIR DETAILS AND GUARDRAILS PER ARCHITECTURAL DRAWINGS.
- ALL CONCRETE SLABS TO BEAR ON OVEREXCAVATED SOIL AND REPLACED STRUCTURAL FILL PER GEOTECH REPORT. SUBGRADE PREPARATION, STRUCTURAL FILL, FOOTING DRAINS, AND OTHER REQUIREMENTS PER GEOTECH REPORT AS NOTED IN THE STRUCTURAL GENERAL NOTES.
- XXX-1, XXX-2, ETC. INDICATES A CONNECTION, HARDWARE OR FASTENER. REFERENCE GENERAL NOTES FOR ADDITIONAL INFORMATION ON PRODUCT SELECTION.
- STRUCTURAL CRACK REPAIRS INDICATED ON PLAN. ADDITIONAL, NON-STRUCTURAL CRACK REPAIRS ARE INDICATED ON ARCHITECTURAL PLANS/ELEVATIONS.
- TYPICAL DETAILS PER 09-S801, 09-S802 AND 09-S803.



1 FOUNDATION PLAN - PD-201



CONSTRUCTION DRAWINGS

DESIGNED:
LMB

DRAWN:
JNH

TECH REVIEW:
LMB

DATE:
7/19/24

SUB SHEET NO.

09-S501

TITLE OF SHEET
ENLARGED FOUNDATION
PLAN PD-201
REHABILITATE PAINTED DESERT
COMMUNITY COMPLEX
PETRIFIED FOREST NATIONAL PARK

DRAWING NO.
110
182718
PMIS NO.
267538
SHEET
634
OF 748

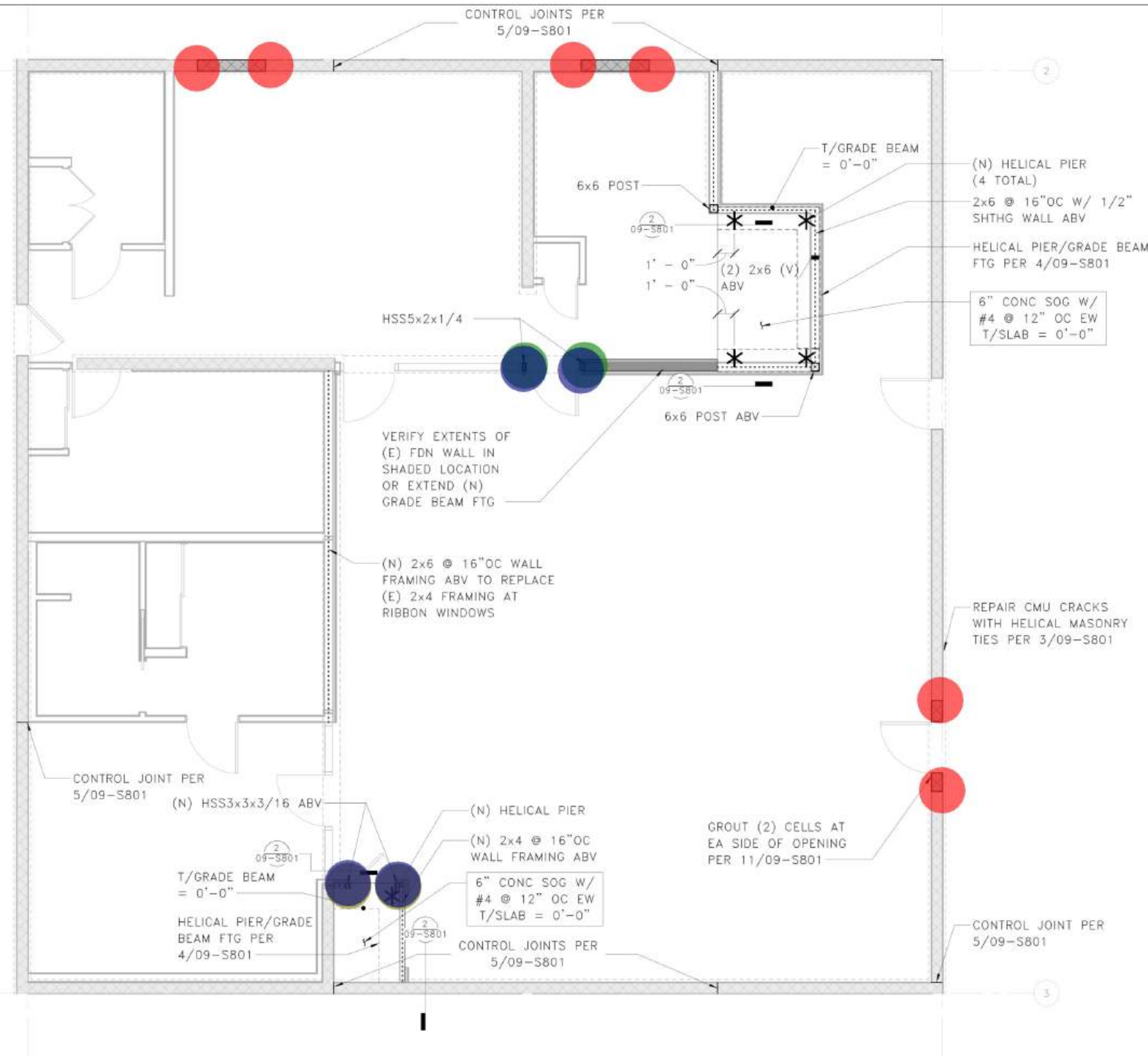


- (3) L8x8x1/2x0'-10" W/ (6) 5" ACR-3 Achors
- HSS5x2x1/4 Steel Post (9'-0" H)
- HSS3x3x3/16 Steel Post (9'-0" H)
- (5-1/2" x 6-1/2" x 3/8") Steel Base Plate W/ (2) 6" ACR1 Anchor Bolts
- (6" x 6" x 3/8") Steel Base Plate W/ (2) 6" ACR1 Anchor Bolts

6.0 EA ●
2.0 EA ●
2.0 EA ●
2.0 EA ●
2.0 EA ●

FOUNDATION PLAN NOTES

- SEE SHEETS 00-S001 - 00-S006 FOR GENERAL NOTES AND SYMBOLS.
- * INDICATES LOCATION OF HELICAL PIER. CONTACT CONTRACTING OFFICER IF INSTALLED LOCATION VARIES FROM WHAT IS SHOWN.
- ALL HELICAL PIERS TO HAVE 30-KIPS ALLOWABLE COMPRESSION AND TENSION UNO.
- VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS. ALL EXISTING DIMENSIONS SHALL BE FIELD VERIFIED.
- CONTRACTOR SHALL LOCATE AND VERIFY THE FOLLOWING WITH OTHERS PRIOR TO POURING CONCRETE: ALL DOOR OPENINGS IN FOUNDATION WALLS; DRAINS AND SLOPES; BLOCKOUTS FOR PLUMBING, SPRINKLERS AND HVAC. ALL DUCTS, CHASES AND PIPES PER MECHANICAL, PLUMBING, ELECTRICAL AND SPRINKLER DRAWINGS. STAIR DETAILS AND GUARDRAILS PER ARCHITECTURAL DRAWINGS.
- ALL CONCRETE SLABS TO BEAR ON OVEREXCAVATED SOIL AND REPLACED STRUCTURAL FILL PER GEOTECH REPORT. SUBGRADE PREPARATION, STRUCTURAL FILL, FOOTING DRAINS, AND OTHER REQUIREMENTS PER GEOTECH REPORT AS NOTED IN THE STRUCTURAL GENERAL NOTES.
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- STRUCTURAL CRACK REPAIRS INDICATED ON PLAN. ADDITIONAL, NON-STRUCTURAL CRACK REPAIRS ARE INDICATED ON ARCHITECTURAL PLANS/ELEVATIONS.
- TYPICAL DETAILS PER 09-S801, 09-S802 AND 09-S803.



CONSTRUCTION DRAWINGS

DESIGNED:
LMB
DRAWN:
JNH
TECH REVIEW:
LMB
DATE:
7/19/24

SUB SHEET NO.

09-S502

TITLE OF SHEET
ENLARGED FOUNDATION
PLAN PD-202
REHABILITATE PAINTED DESERT
COMMUNITY COMPLEX
PETRIFIED FOREST NATIONAL PARK

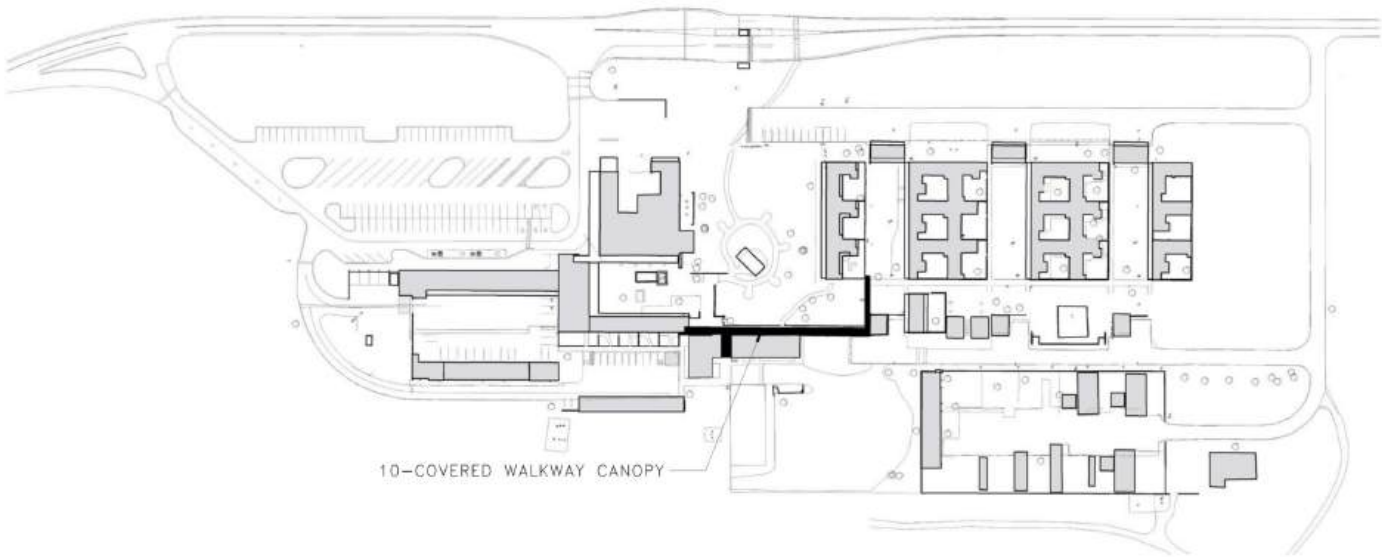
DRAWING NO.
110
182718
PMIS NO.
267538
SHEET
635
OF 748

Autodesk Docs://23_013-01P - NPS PEFO Rehab PD Complex/23013-01P_NPS PEFO_COMM-SCHOOL_ARCH.rvt



COVERED WALKWAY CANOPY AT COMMUNITY BUILDING

FOR DRAWING SHEET INDEX, REFERENCE 00-G001



OVERALL SITE PLAN KEY
NOT TO SCALE



CONSTRUCTION DRAWINGS			
	DESIGNED: TM/BC	SUB SHEET NO. 10-A001	DRAWING NO. 110 182718 PMIS NO. 267538 SHEET 735 OF 748
	DRAWN: BC/JM		
	TECH REVIEW: HC		
	DATE: 7/19/24		
		TITLE OF SHEET	
		COVER - COVERED WALKWAY CANOPY	
		REHABILITATE PAINTED DESERT COMMUNITY COMPLEX PETRIFIED FOREST NATIONAL PARK	

Autodesk Docs://23_013-01P - NPS PEFO Rehab PD Complex/23013-01P_NPS PEFO_COMM-SCHOOL_STRU.rvt

 Remove Existing Steel Column (9'-0" H)
 C6x8.2 Steel Beam To Be Removed

2.0 EA 
15.7 FT 

3/8" PLT ROOF BRGNG
DETACHED FROM EXISTING
DETERIORATED IN KIND PER
3/10-S801, ASSUME 15%
REPLACEMENT
T/SHTHG = 7'-10" (V)

DEMO ALL ROOF
FRAMING THIS BAY

2x8 @ 16"OC

C6x8.2

C6x8.2

2x8 @ 16"OC

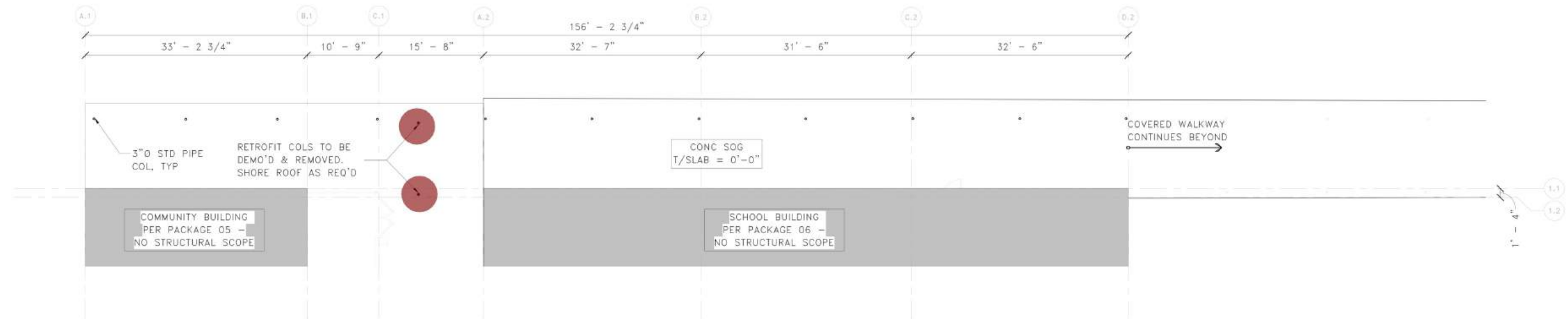
COMMUNITY BUILDING
PER PACKAGE 05 -
NO STRUCTURAL SCOPE

SCHOOL BUILDING
PER PACKAGE 06 -
NO STRUCTURAL SCOPE

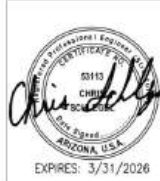
DEMOLITION PLAN NOTES

1. FIELD VERIFY ALL EXISTING DIMENSIONS, DO NOT SCALE DRAWINGS. REQUEST CLARIFICATION IF THERE ARE ANY DISCREPANCIES PRIOR TO COMMENCING WORK.
2. CAREFULLY COORDINATE DEMOLITION EXTENTS W/ ARCHITECTURAL DEMO SHEETS.
3.  HATCH INDICATES (E) CONSTRUCTION TO BE REMOVED
(V) VERIFY
(E) EXISTING
(N) NEW

2 DEMO ROOF FRAMING PLAN - COVERED WALKWAY



1 DEMO FOUNDATION PLAN - COVERED WALKWAY

	CONSTRUCTION DRAWINGS		DRAWING NO. 110 182718 PMIS NO. 267538 SHEET 746 OF 748
	DESIGNED: JEZ	SUB SHEET NO.	
	DRAWN: JNH	10-S101	
	TECH REVIEW: LMB		
DATE: 7/19/24		TITLE OF SHEET DEMO FOUNDATION & ROOF FRAMING PLANS REHABILITATE PAINTED DESERT COMMUNITY COMPLEX PETRIFIED FOREST NATIONAL PARK	

Autodesk Docs://23_013-01P - NPS PEFO_COMM-SCHOOL_STRU.rvt

2 ROOF FRAMING PLAN - COVERED WALKWAY

ROOF FRAMING PLAN NOTES

1. SEE SHEETS 00-S001 - 00-S006 FOR GENERAL NOTES AND SYMBOLS.
2. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS.
3. ALL DUCTS, CHASES AND PIPES SHALL BE PER MECHANICAL, PLUMBING, ELECTRICAL AND SPRINKLER DRAWINGS.
4. CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY SHORING.
5. XXX-1, XXX-2, ETC. INDICATES A CONNECTION, HARDWARE OR FASTENER. REFERENCE GENERAL NOTES FOR ADDITIONAL INFORMATION ON PRODUCT SELECTION.

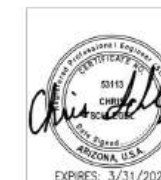
FOUNDATION PLAN NOTES

1. SEE SHEETS 00-S001 - 00-S006 FOR GENERAL NOTES AND SYMBOLS.
2. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS. ALL EXISTING DIMENSIONS SHALL BE FIELD VERIFIED.
3. CONTRACTOR SHALL LOCATE AND VERIFY THE FOLLOWING WITH OTHERS PRIOR TO POURING CONCRETE: ALL DOOR OPENINGS IN FOUNDATION WALLS; DRAINS AND SLOPES; BLOCKOUTS FOR SPRINKLERS AND HVAC. ALL DUCTS, CHASES AND PIPES PER MECHANICAL, PLUMBING, ELECTRICAL AND SPRINKLER DRAWINGS. STAIR DETAILS AND GUARDRAILS PER ARCHITECTURAL DRAWINGS.
4. XXX-1, XXX-2, ETC. INDICATES A CONNECTION, HARDWARE OR FASTENER. REFERENCE GENERAL NOTES FOR ADDITIONAL INFORMATION ON PRODUCT SELECTION.

1 FOUNDATION PLAN - COVERED WALKWAY

- C6x8.2 Steel Beam
- W8x10 Steel Beam
- (4" x 12" x 5/8") Steel Bearing Plate W/ (2) 3/4" Dia x 6" Epoxy Anchors
- (4" x 6" x 1/4") End Plate

15.8 FT
14.5 FT
2.0 EA
2.0 EA



CONSTRUCTION DRAWINGS

DESIGNED:
JEZ
DRAWN:
JNH
TECH REVIEW:
LMB
DATE:
7/19/24

SUB SHEET NO.

10-S201

TITLE OF SHEET
FOUNDATION & ROOF
FRAMING PLANS
REHABILITATE PAINTED DESERT
COMMUNITY COMPLEX
PETRIFIED FOREST NATIONAL PARK

DRAWING NO.
110
182718
PMIS NO.
267538
SHEET
747
OF 748