

MODIFICATIONS TO APWA PLAN DETAILS

APWA PLAN NO.	GRANTSVILLE CITY MODIFICATION
205.1	USE TYPE "A" UNLESS APPROVED OTHERWISE.
205.1	2.C. CONCRETE SHALL HAVE A MINIMUM STRENGTH OF 4500 PSI.
211	2.C. CONCRETE SHALL HAVE A MINIMUM STRENGTH OF 4500 PSI.
213	2.C. CONCRETE SHALL HAVE A MINIMUM STRENGTH OF 4500 PSI.
215	2.C. CONCRETE SHALL HAVE A MINIMUM STRENGTH OF 4500 PSI.
216	2.C. CONCRETE SHALL HAVE A MINIMUM STRENGTH OF 4500 PSI.
221.1	2.C. CONCRETE SHALL HAVE A MINIMUM STRENGTH OF 4500 PSI.
221.2	2.C. CONCRETE SHALL HAVE A MINIMUM STRENGTH OF 4500 PSI.
225	2.C. CONCRETE SHALL HAVE A MINIMUM STRENGTH OF 4500 PSI.
231	THE MINIMUM CONCRETE THICKNESS SHALL BE 6" AND THE MINIMUM BASE COURSE THICKNESS SHALL BE 6'.
231	THE MINIMUM WIDTH OF THE SIDEWALK SHALL BE 5'.
231	2.C. CONCRETE SHALL HAVE A MINIMUM STRENGTH OF 4500 PSI.
235.1	THE MINIMUM CONCRETE THICKNESS SHALL BE 6" AND THE MINIMUM BASE COURSE THICKNESS SHALL BE 6'.
235.1	THE MINIMUM WIDTH OF THE SIDEWALK SHALL BE 5'.
235.1	2.D. CONCRETE SHALL HAVE A MINIMUM STRENGTH OF 4500 PSI.
235.2	2.D. CONCRETE SHALL HAVE A MINIMUM STRENGTH OF 4500 PSI.
235.3	2.D. CONCRETE SHALL HAVE A MINIMUM STRENGTH OF 4500 PSI.
235.4	2.D. CONCRETE SHALL HAVE A MINIMUM STRENGTH OF 4500 PSI.
236.1	THE MINIMUM CONCRETE THICKNESS SHALL BE 6" AND THE MINIMUM BASE COURSE THICKNESS SHALL BE 6'.
236.1	THE MINIMUM WIDTH OF THE SIDEWALK SHALL BE 5'.
236.1	2.D. CONCRETE SHALL HAVE A MINIMUM STRENGTH OF 4500 PSI.
236.2	2.D. CONCRETE SHALL HAVE A MINIMUM STRENGTH OF 4500 PSI.
236.3	2.D. CONCRETE SHALL HAVE A MINIMUM STRENGTH OF 4500 PSI.
237	ALL EXPOSED CONCRETE SHALL BE 4500 PSI MINIMUM STRENGTH.
238	GRANTSVILLE CITY IS REQUIRING TYPE "T".
245	2.B. BACKFILL SHALL BE A-1-a OR AS APPROVED BY THE CITY.
256.2	ALL EXPOSED CONCRETE SHALL BE 4500 PSI MINIMUM STRENGTH.
274	2.C. CONCRETE SHALL HAVE A MINIMUM STRENGTH OF 4500 PSI.
275	2.A. CONCRETE SHALL HAVE A MINIMUM STRENGTH OF 4500 PSI.
275	REBAR HOOP SHALL BE EPOXY COATED.
292	MATCH GRANTSVILLE CITY STANDARD.
315.1	ALL EXPOSED CONCRETE SHALL BE 4500 PSI MINIMUM STRENGTH.
315.1	2.D. REBAR SHALL BE EPOXY COATED.

APWA PLAN NO.	GRANTSVILLE CITY MODIFICATION
315.1	THERE SHALL BE A MINIMUM OF 24" OF BASE COURSE UNDER THE STRUCTURE FOR THE DISTANCE OF 24" BEYOND THE BASE OF THE STRUCTURE UNLESS APPROVED OTHERWISE BY GRANTSVILLE CITY.
315.1	2.B. BACKFILL AND BASE COURSE SHALL BE A-1-a OR AS APPROVED BY THE CITY.
315.2	ALL EXPOSED CONCRETE SHALL BE 4500 PSI MINIMUM STRENGTH.
315.2	2.D. REBAR SHALL BE EPOXY COATED.
315.2	THERE SHALL BE A MINIMUM OF 24" OF BASE COURSE UNDER THE STRUCTURE FOR THE DISTANCE OF 24" BEYOND THE BASE OF THE STRUCTURE UNLESS APPROVED OTHERWISE BY GRANTSVILLE CITY.
315.2	2.B. BACKFILL SHALL BE A-1-a OR AS APPROVED BY THE CITY.
316	ALL EXPOSED CONCRETE SHALL BE 4500 PSI MINIMUM STRENGTH.
316	2.D. REBAR SHALL BE EPOXY COATED.
316	THERE SHALL BE A MINIMUM OF 24" OF BASE COURSE UNDER THE STRUCTURE FOR THE DISTANCE OF 24" BEYOND THE BASE OF THE STRUCTURE UNLESS APPROVED OTHERWISE BY GRANTSVILLE CITY.
316	2.B. BACKFILL AND BASE COURSE SHALL BE A-1-a OR AS APPROVED BY THE CITY.
317	ALL EXPOSED CONCRETE SHALL BE 4500 PSI MINIMUM STRENGTH.
317	2.D. REBAR SHALL BE EPOXY COATED.
317	THERE SHALL BE A MINIMUM OF 24" OF BASE COURSE UNDER THE STRUCTURE FOR THE DISTANCE OF 24" BEYOND THE BASE OF THE STRUCTURE UNLESS APPROVED OTHERWISE BY GRANTSVILLE CITY.
320	DEBRIS GRATE INLET SHALL BE GALVANIZED
322	ALL EXPOSED CONCRETE SHALL BE 4500 PSI MINIMUM STRENGTH.
322	2.D. REBAR SHALL BE EPOXY COATED.
322	THERE SHALL BE A MINIMUM OF 24" OF BASE COURSE UNDER THE STRUCTURE FOR THE DISTANCE OF 24" BEYOND THE BASE OF THE STRUCTURE UNLESS APPROVED OTHERWISE BY GRANTSVILLE CITY.
322	2.B. BACKFILL SHALL BE A-1-a OR AS APPROVED BY THE CITY.
323.3	2.B. BACKFILL SHALL BE A-1-a OR AS APPROVED BY THE CITY.
331.1	ALL EXPOSED CONCRETE SHALL BE 4500 PSI MINIMUM STRENGTH.
331.1	2.D. REBAR SHALL BE EPOXY COATED.
331.1	THERE SHALL BE A MINIMUM OF 24" OF BASE COURSE UNDER THE STRUCTURE FOR THE DISTANCE OF 24" BEYOND THE BASE OF THE STRUCTURE UNLESS APPROVED OTHERWISE BY GRANTSVILLE CITY.
331.1	2.B. BACKFILL SHALL BE A-1-a OR AS APPROVED BY THE CITY.
331.2	ALL EXPOSED CONCRETE SHALL BE 4500 PSI MINIMUM STRENGTH.
331.2	2.D. REBAR SHALL BE EPOXY COATED.
331.2	THERE SHALL BE A MINIMUM OF 24" OF BASE COURSE UNDER THE STRUCTURE FOR THE DISTANCE OF 24" BEYOND THE BASE OF THE STRUCTURE UNLESS APPROVED OTHERWISE BY GRANTSVILLE CITY.

APWA PLAN NO.	GRANTSVILLE CITY MODIFICATION
331.2	2.B. BACKFILL SHALL BE A-1-a OR AS APPROVED BY THE CITY.
331.3	ALL EXPOSED CONCRETE SHALL BE 4500 PSI MINIMUM STRENGTH.
331.3	2.D. REBAR SHALL BE EPOXY COATED.
331.3	THERE SHALL BE A MINIMUM OF 24" OF BASE COURSE UNDER THE STRUCTURE FOR THE DISTANCE OF 24" BEYOND THE BASE OF THE STRUCTURE UNLESS APPROVED OTHERWISE BY GRANTSVILLE CITY.
331.3	2.B. BACKFILL SHALL BE A-1-a OR AS APPROVED BY THE CITY.
332	ALL EXPOSED CONCRETE SHALL BE 4500 PSI MINIMUM STRENGTH.
332	2.D. REBAR SHALL BE EPOXY COATED.
332	THERE SHALL BE A MINIMUM OF 24" OF BASE COURSE UNDER THE STRUCTURE FOR THE DISTANCE OF 24" BEYOND THE BASE OF THE STRUCTURE UNLESS APPROVED OTHERWISE BY GRANTSVILLE CITY.
332	ALL EXPOSED CONCRETE SHALL BE 4500 PSI MINIMUM STRENGTH
332	2.B. BACKFILL SHALL BE A-1-a OR AS APPROVED BY THE CITY.
335	ALL EXPOSED CONCRETE SHALL BE 4500 PSI MINIMUM STRENGTH.
335	2.B. BACKFILL SHALL BE A-1-a OR AS APPROVED BY THE CITY.
335	2.D. REBAR SHALL BE EPOXY COATED.
341.1	ALL EXPOSED CONCRETE SHALL BE 4500 PSI MINIMUM STRENGTH.
341.1	THERE SHALL BE A MINIMUM OF 24" OF BASE COURSE UNDER THE STRUCTURE FOR THE DISTANCE OF 24" BEYOND THE BASE OF THE STRUCTURE UNLESS APPROVED OTHERWISE BY GRANTSVILLE CITY
341.1	2.B. BACKFILL SHALL BE A-1-a OR AS APPROVED BY THE CITY.
341.2	ALL EXPOSED CONCRETE SHALL BE 4500 PSI MINIMUM STRENGTH.
341.2	THERE SHALL BE A MINIMUM OF 24" OF BASE COURSE UNDER THE STRUCTURE FOR THE DISTANCE OF 24" BEYOND THE BASE OF THE STRUCTURE UNLESS APPROVED OTHERWISE BY GRANTSVILLE CITY
341.2	2.B. BACKFILL SHALL BE A-1-a OR AS APPROVED BY THE CITY.
362	ALL EXPOSED CONCRETE SHALL BE 4500 PSI MINIMUM STRENGTH.
381	2.B. BACKFILL SHALL BE A-1-a OR AS APPROVED BY THE CITY.
382	PIPE ZONE MATERIAL FOR SANITARY SEWER PIPE SHALL BE ¾" DRAIN ROCK. DETAIL – SEWER PIPE SHALL BE SDR-35.
382	2.B. BACKFILL SHALL BE A-1-a OR AS APPROVED BY THE CITY.
411	ALL EXPOSED CONCRETE SHALL BE 4500 PSI MINIMUM STRENGTH.
411	THERE SHALL BE A MINIMUM OF 24" OF BASE COURSE UNDER THE STRUCTURE FOR THE DISTANCE OF 24" BEYOND THE BASE OF THE STRUCTURE UNLESS APPROVED OTHERWISE BY GRANTSVILLE CITY.

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411	2.B. BACKFILL SHALL BE A-1-a OR AS APPROVED BY THE CITY.
413	ALL EXPOSED CONCRETE SHALL BE 4500 PSI MINIMUM STRENGTH.
431	2.B. BACKFILL SHALL BE A-1-a OR AS APPROVED BY THE CITY. DETAIL - SEWER PIPE SHALL BE SDR-35 PIPE MATERIAL
432	2.B. BACKFILL SHALL BE A-1-a OR AS APPROVED BY THE CITY. DETAIL - SEWER PIPE SHALL BE SDR-35 PIPE MATERIAL
441	THERE SHALL BE A MINIMUM OF 24" OF BASE COURSE OF A-1-a UNDER THE STRUCTURE FOR THE DISTANCE OF 24" BEYOND THE BASE OF THE STRUCTURE UNLESS APPROVED OTHERWISE BY GRANTSVILLE CITY.
505	ALL EXPOSED CONCRETE SHALL BE 4500 PSI MINIMUM STRENGTH.
505	THERE SHALL BE A MINIMUM OF 24" OF BASE COURSE UNDER THE STRUCTURE FOR THE DISTANCE OF 24" BEYOND THE BASE OF THE STRUCTURE UNLESS APPROVED OTHERWISE BY GRANTSVILLE CITY.
505	2.B. BACKFILL SHALL BE A-1-a OR AS APPROVED BY THE CITY.
511	REFER TO GRANTSVILLE CITY STANDARD DETAIL.
521	REFER TO GRANTSVILLE CITY STANDARD DETAIL.
522	REFER TO GRANTSVILLE CITY STANDARD DETAIL.
523	REFER TO GRANTSVILLE CITY STANDARD DETAIL.
525	REFER TO GRANTSVILLE CITY STANDARD DETAIL.
527	REFER TO GRANTSVILLE CITY STANDARD DETAIL.
529	REFER TO GRANTSVILLE CITY STANDARD DETAIL.
541	REFER TO GRANTSVILLE CITY STANDARD DETAIL.
542	REFER TO GRANTSVILLE CITY STANDARD DETAIL.
543.1	2.B. BACKFILL SHALL BE A-1-a WITH 18" SEPARATION BETWEEN UTILITIES.
543.2	2.B. BACKFILL SHALL BE A-1-a WITH 18" SEPARATION BETWEEN UTILITIES.
546	6" LATERAL ON FH
551	REFER TO GRANTSVILLE CITY STANDARD DETAIL.
552	REFER TO GRANTSVILLE CITY STANDARD DETAIL.
571	REFER TO GRANTSVILLE CITY STANDARD DETAIL.
572	REFER TO GRANTSVILLE CITY STANDARD DETAIL.
573	REFER TO GRANTSVILLE CITY STANDARD DETAIL.
574	REFER TO GRANTSVILLE CITY STANDARD DETAIL.
575	REFER TO GRANTSVILLE CITY STANDARD DETAIL.
681	ADD 1" PVP PIPE FROM BOTTOM OF ROOT BALL TO SURFACE FOR ROOT WATERING. WRAP BOTTOM OF PIPE WITH CLOTH AND ½ CUBIC FOOT DRAIN ROCK.