



CITY OF DESERT HOT SPRINGS

Storm Drain Plan - QAQC Checklist

Job Number:	Project Name:
Plan & Phase:	

Checked by: _____

√ - Ok X - Requires Confirmation

Sheets Checked: _____

	RP#	Check	Comments
I. General Sheet Requirements			
A. Drafting/Layout requirements			
1. Plan name with Tract, PM, or SDP number & neighboring TM, PM, or SDP.			
2. Type of improvement plan, i.e. Storm Drain Improvement Plan.			
3. Section, Township, and Range.			
4. Include name and address of design engineer			
5. Basis of bearing and approved bench mark.			
6. Signature blocks			
a. Check for City/Eng. & Director of Public Works. Approved by: City Engr. RCE# __, __ Exp Date / /			
b. Check for engineers signature block and seal. Check expiration date.			
c. Other agency's signature block(s) if required.			
7. USA Dig Alert note with phone number 1-800-227-2600			
8. Sheets numbered numerically in increasing order. Sheet ___ of ___			
9. Plot date.			
II. TITLE SHEET			
A. Notification 5 Provided			
B. Storm Drain notes provided.			
C. Index Map			
1. Scale is 1"=500' or smaller - use standard scale.			
2. Sheet coverage is shown.			
3. Street Names and Lot #s shown - call out adjacent tracts.			
4. Locations of primary storm drain systems (Catch Basins, Culverts, Inlets, Retention Basins, Overflows, Etc.) are shown on Index Map. Show direction of flow on Index Map.			
5. Provide sheet index			

Continued: Title Sheet	RP#	Check	Comments
D. Vicinity Map			
1. Arterial Streets shown.			
2. Orient North as on Index Map.			
3. Project locations indicated on map.			
4. Scale notation provided ("NTS" is ok).			
5. Provide city limit boundaries and city designation.			
E. Legend of Symbols used, includes Construction Notes, Symbols, Typical Abbreviations, Special Line Types, Hatching Legend, Etc.			
F. Owner's Information			
1. Site Address			
2. Owner's Name, Address, Telephone #			
G. Utility Agency Information - per city requirements Check for existing standard disclaimer.			
H. Show construction notes and estimate of quantities. Check for standard disclaimer.			
1. Confirm that existing information is shaded, proposed is solid and future is dashed.			
I. Development name in title block.			
III. PLAN SHEETS			
A. Plan View Shows the following:			
1. North Arrow (preferred to point up or to the right or left). Verify that north arrow rotation is correct.			
2. 4" Bar Scale is properly shown & confirm that scale matches plan.			
3. Station intervals at 100' with tick mark and station labels. Preferred stationing is left to right.			
4. Stationing at all junction structures with equations on plan and profile.			
5. Stations of all B.C., E.C., P.R.C. or P.C.C. of curves on storm drain.			
6 Show match lines and referenced sheets.			
7. Right of way, parkway and curb lines dimensioned from centerline - lines consistent with typical sections.			
8. P.U.E. and other easements dimensioned and labeled.			
9. Approved street names shown on plan.			
10. City limit lines labeled at adjoining cities.			
11. Lot numbers and lot lines shown.			
12. Ensure that existing, proposed and future improvement line types are per Legend.			
13. Trench Shading: (existing street only)			
a. Do not call out dimensions on trench widths.			
b. Show hatching for removals.			
c. Cross hatched proposed overlays (if required).			
14. Show locations of all existing and proposed Structures, Buried Tanks, Wells, and Utilities. Include disposition of each.			

Continued: Plan Sheet	RP#	Check	Comments
15. Include pertinent construction notes on each sheet.			
16. Provide curve & line table for centerline of storm drain.			
17. Show connections to existing improvements with elevations at the join line and note: to field verify elevation and location prior to construction.			
18. Show proposed water, sewer and storm drain with dimensions to centerline.			
19. Show sidewalk locations.			
20. Show access ramps.			
21. Call out catch basin centerline "W" (width), "H" (height), TC, FL, storm drain station, and street station.			
22. Provide storm drain line designation.			
B. Profile Shows:			
1. Profile of proposed surface is continuous and per Legend.			
2. Ensure that existing, proposed and future improvement line types are per Legend.			
3. Show % of grade on proposed and existing profiles - note existing to be in ()			
4. Stations and elevations shown at:			
a. Catch basins, junction structures, manholes, collars, headwalls, and outlet structures. (Show appropriate description/information for each structure).			
b. B.C., E.C., and grade breaks.			
c. Call out size, length of Storm Drain pipe, HGL100, V100 and Q100.			
5. Show connections to existing improvements with elevations at the join line and note: invert elevation and locations to be field verified prior to construction.			
6. Show 100' stationing at bottom of profile grid. Should be aligned with starting station in plan view.			
7. Street Typical sections and details			
1. Typical street sections for all streets with Storm Drain and all utilities dimensioned from centerline.			
2. Dimensions of right of way, pavement, parkways, easements, C/L, R/W and curb face.			
3. Confirm that existing information is shaded, proposed is solid, and future is dashed.			
4. Show typical storm drain trench section.			
8. Show match lines and referenced sheets.			
9. Scale is properly shown & confirm that scale matches plan.			
10. Call out all proposed and existing utility crossings.			