

Item	Chapter	Section	Request	Requested by	Documents/Response	Internal or External Comment
1	0	0.2.3.C	Minor Land Divisions to include "THIS MINOR LAND DIVISION HAS BEEN REVIEWED AND FOUND TO MEET ALL CITY REQUIREMENTS, CONFORMS TO GOOD PLANNING POLICIES, AND ALL NEW LOTS CREATED ARE SUITABLE FOR THE PURPOSES FOR WHICH THEY ARE DIVIDED."	Marty Crossland	updated	Internal
2	0	0.4.1.J	include : developer is not required to relocated dry utilities if "circumstances are justified through a waiver request"	Marty Crossland	revised	Internal
3	0	0.4.1.R	Update MCAQD information	Gerardo Villarraga	number and address of MCAQD updated	Internal
4	0	0.4.10.G	replace city inspector with city street maintenance department	Marty Crossland	revised	Internal
5	0	0.4.10.H	include "AS APPROVED BY THE CITY ENGINEER OR HIS/HER DESIGNEE"	Marty Crossland	revised	Internal
6	0	0.4.11.0	add "be on seperate sheets"	Wayne Smith	revised	Internal
7	0	0.4.11.0.1	change 2 years to 90 days	Wayne Smith	revised	Internal
8	0	0.4.11.D	remove the city landscape technician	Wayne Smith	revised	Internal
9	0	0.4.11.E	insert "THE CITY OF GOODYEAR PARKS DEPARTMENT PLANT LIST FOR CITY PARKS, RIGHTS OF WAY, AND FACILITIES"	Wayne Smith	revised	Internal
10	0	0.4.1.J	Include "If constructing a half-street or full-street to its ultimate configuration with a PUE in place on one or both sides of the street, the developer is responsible for relocation of all dry utilities to the PUE. If construction involves less than a fullor half street configuration, the ddeveloper is responsible for relocation of all dry utilities to the outermost 10 ft of the existing row."	Ethan Boyle	revised	External - Wood Patel
11	0	0.4.11.I	add that overhead canopy shall be 10 feet from utility lines.	Wayne Smith	revised	Internal
12	0	0.4.1.M	Replace "Blue Stake" with "AZ811"	2017_EER comments	incorporated into document	External
13	0	0.4.11.M	change "ROW" to "the median" and change "the median" to "ROW"	Wayne Smith	revised	Internal
14	0	0.4.11.M	specify median landscaping	Marty Crossland	revised	Internal
15	0	0.4.11.O.6	change 2 year period to 90 day period	Marty Crossland	revised	Internal
16	0	0.4.11.P.1	change 2 years to 90 days	Wayne Smith	revised	Internal
17	0	0.4.10.K	"2"Telespar posts" to "2" by 2" square perforated galvanized steel tubing" . Additionally, change reference from "G3209-2" to "G3209-3"	2017_EER comments	incorporated into document	External
18	0	0.4.10.L	Revise from the letter O to a zero	2017_EER comments	incorporated into document	External
19	0	0.4.11.P.6&7	change 2 year period to 90 day period	Marty Crossland	revised	Internal
20	0	0.4.12.E	change one foot to four feet	Marty Crossland	revised	Internal
21	0	0.4.12.G	change city construction inspector to city building inspector	Marty Crossland	revised	Internal
22	0	0.4.13.D	remove "right of way"	Wayne Smith	revised	Internal
23	0	0.4.13.E.1	delete "rights of way" "two years" and "Approval". replace approval with acceptance	Wayne Smith	revised	Internal
24	0	0.4.13.E.6	change 2 years to 90 days	Wayne Smith	revised	Internal
25	0	0.4.13.U	include "LOTS (OR TRACTS) IN WHICH A MULTI-USER BACKFLOW PREVENTER HAS BEEN INSTALLED SHALL BE THE MAINTENANCE AND OWNERSHIP RESPONSIBILITY OF THAT LOT (TRACT) AND/OR LOT (TRACT) LESSEE. (COMMERCIAL AND INDUSTRIAL FINAL PLATS ONLY)"	Marty Crossland	revised	Internal
26	0	0.4.14.CC	"On mylar" check for relevancy	Marty Crossland	revised to electronic copies	Internal
27	0	0.4.14.H	change from blue stake to AZ811	Marty Crossland	revised	Internal
28	0	0.4.14.J	change engineering inspector to the city	Marty Crossland	revised	Internal
29	0	0.4.14.JJ	specify that three working days is the minimum amonut of time	Marty Crossland	revised	Internal
30	0	0.4.14.R	confirm address of traffic operations: new address is 986 S Litchfield Rd	Marty Crossland	revised	Internal
31	0	0.4.15	Add "Potable Water Usage" note back to Section 0.4.15	Gerardo Villarraga	added "potable water is not available for construction use other than the ..."	Internal
32	0	0.4.15.A	all new utility design should be based on proposed grade, not using exisiting	Howard Strassburg	included "All new utility design must be based on future proposed grade" and made it its own section in i	Internal
33	0	0.4.15.A	"All general construction notes shall apply"	Marty Crossland	revised	Internal
34	0	0.4.13.N	Property Owners Association to property Owners' association	2017_EER comments	revised	External
35	0	0.4.15.H	"ALL LANDSCAPE IRRIGATION LINES SHALL BE PRESSURE TESTED AND WITNESSED BY THE CITY ENGINEERING INSPECTOR. CALL ENGINEERING INSPECTIONS TO SCHEDULE A PRESSURE TEST."	Marty Crossland	revised	Internal
36	0	0.4.15.J	revise to "Contractor is required to coordinate any landscape irrigation and plant removals and/or replacement with the propoerty owner (if city of Goodyear, then the managaing department) and the city inspector. Landscape shall be restored to original condition or better. Any damage to an irigation system shall be repaired within 48 hours..."	Wayne Smith	included "(If City of Goodyear, then the managing department)	Internal
37	0	0.4.15.P	specify "as required"	Marty Crossland	revised	Internal
38	0	0.4.16.H	add "HOODS TO MITIGATE LIGHT INTRUSION SHALL BE INSTALLED IN ALL LOCATIONS AS CALLED OUT PER APPROVED PLANS."	Marty Crossland	revised	Internal
39	0	0.4.16.R	include "sidewalk" in contractors responsibility	Marty Crossland	revised	Internal
40	0	0.4.4.E	"construction shall be performed" to "BMP shall be installed"	Marty Crossland	revised	Internal
41	0	0.4.4.G	include "(LARGE SITES ONLY) IF REQUIRED, AMENDED PLANS SHALL BE SUBMITTED TO ADEQ WITHIN 15 CALENDAR DAYS"	Marty Crossland	revised	Internal
42	0	0.4.4.I	change "retard" to "impede"	Marty Crossland	revised	Internal
43	0	0.4.4.J	include "construction trailers"	Marty Crossland	revised	Internal
44	0	0.4.5	add "MUST INCLUDE NOTES A-H OF THE SMALL SITE LIST ABOVE)"	Marty Crossland	revised	Internal
45	0	0.4.5.B	insert THE CONTRACTOR SHALL CALL THE CITY AND DESIGN ENGINEER AND REQUEST MODIFICATION OF THE BASIN DESIGN "OR RELOCATION OF THE CONFLICTING UTILITY"	Marty Crossland	revised	Internal
46	0	0.4.6	All plans for water main construction within right-of-way or public easements shall have the following shown on either the Cover Sheet or the Detail Sheet.	Marty Crossland	revised	Internal
47	0	0.4.6. B	AT THE DISCRETION OF THE CITY ENGINEER OR HIS/HER DESIGNEE, AMENDMENTS TO THE PLANS MAY BE REQUIRED PRIOR TO PROCEEDING WITH CONSTRUCTION ACTIVITIES.	Marty Crossland	revised	Internal
48	0	0.4.6. D	replace on mylars with "digital copy"	Marty Crossland	revised	Internal
49	0	0.4.6. F	insert F.ALL SERVICE LINES SHALL BE TYPE K COPPER PIPE OR TUBING OR ANY OTHER MATERIAL SPECIFIED ON THE CITY'S APPROVED MATERIALS LIST. NON-CONDUCTIVE SERVICE LINE MATERIALS SHALL REQUIRE TRACING WIRE WITHIN RIGHTS-OF-WAY OR PUBLIC EASEMENT LIMITS. THE MINIMUM SIZE SERVICE SHALL BE ONE (1) INCH. SERVICE LINES SHALL BE CONTINUOUS BETWEEN THE MAIN AND THE METER (OR BACKFLOW, IF NO METER REQUIRED) WITHOUT A CONNECTION OR EXTENSION.	Marty Crossland	revised	Internal
50	0	0.4.6. G	include "UNLESS OTHERWISE ALLOWED PER THE CITY'S APPROVED MATERIALS LIST"	Marty Crossland	revised	Internal
51	0	0.4.6. R	add "public"	Marty Crossland	revised	Internal
52	0	0.4.6. S	"THIS METER SHALL BE ORDERED A MINIMUM OF TWO WORKING DAYS PRIOR TO THE START OF CONSTRUCTION. "	Marty Crossland	revised	Internal
53	0	0.4.7.G	remove mentions of DVDs to digital copies	Marty Crossland	revised	Internal
54	0	0.4.7.H	specify castings when referencing manholes	Marty Crossland	revised	Internal
55	0	0.4.7.O	Suggest all Manholes Shall be coated per EDS 6.3.2 and continue with the rest of the statement	Blaine Miller	added"PER EDS 6.3.2"	Internal
56	0	0.4.7.P	include "and codes"	Marty Crossland	revised	Internal
57	0	0.4.8.A	add "all general construction notes shall apply"	Marty Crossland	revised	Internal
58	0	0.4.1.S	include "at the discretion of the city engineer or his/her designee"	Marty Crossland		Internal
59	0	0.4.3.J	include "or relocation of the conflict utilty	Marty Crossland		Internal
60	0	0.4.3.K	changed "on Mylar" to "digital copy	Marty Crossland		Internal
61	0	0.4.3.L	change 5 years to 2 years			

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62	0	0.4.3.S	change 5 years to 2 years			
63	1	1.1.1.A.13	Update UBC to IPC (International Plumbing Code)	Randal Westacott	changed to IPC	Internal
64	1	1.1.1.A.7	add "site" to list of project types	Marty Crossland	included	Internal
65	1	1.1.1.B	Update UPC to IPC (International Plumbing Code)	Randal Westacott	changed from UPC acronym to IPC acronym	Internal
66	1	1.1.1.B	addition of SDR - Standard dimension ratio	Howard Strassburg	added SDR	Internal
67	1	1.1.1.B	inclusion of DRC as an acronym	Marty Crossland	Included	Internal
68	1	1.1.1.B	certificate of occupancy added to acronyms	Marty Crossland	Included	Internal
69	1	1.1.1.B	included EPC "Edmonton Power Corporation"	Marty Crossland	Included	Internal
70	1	1.1.1.B	included SVE "sight visibility easement" to acronyms	Marty Crossland	Included	Internal
71	1	1.1.1.B	included TCO "temporary certificate of occupancy"	Marty Crossland	Included	Internal
72	1	1.1.1.B	delete "BWOSP"	Marty Crossland	removed	Internal
73	1	1.1.1.B	add "cast in place" for CIP definitions	Marty Crossland	included	Internal
74	1	1.1.1.B	add "national sanitation foundation international"	Marty Crossland	included	Internal
75	1	1.1.1.A.4	include Director of Engineering			
76	1	1.1.1.B	delete rubberized asphalt concrete	Marty Crossland	removed	Internal
77	1	1.1.1.B	Revise "Gallons per average day" to "gallons per acre day"	2017_EER comments	incorporated into document	External
78	1	1.1.1.B	addition of FLG (Flanged) - abbreviation used in standard details	2017_EER comments	incorporated into document	External
79	1	1.1.1.B	addition of MJ (Mechanical Joint)- abbreviation used in standard details	2017_EER comments	incorporated into document	External
80	1	1.1.1.B	addition of RJ (Restraint Joint)- abbreviation used in standard details	2017_EER comments	incorporated into document	External
81	1	1.1.1.B	include "Double Check (as the context dictates)"	Marty Crossland	updated	Internal
82	1	1.1.1.C	specifiy that Corollo engineering created the integrated water master plan approved on april 28, 2025	Marty Crossland	updated	Internal
83	1	1.1.3.B	add "When the City is a party (Grantor or Grantee) of the dedication, the City will record the document upon execution by all parties involved."	Marty Crossland	updated	Internal
84	1	1.1.3.C	add "Applicable fines and or fee surcharges may apply for unauthorized work. "	Marty Crossland	updated	Internal
85	1	1.4.1.A.4	updating verbage	Marty Crossland	Included	Internal
86	1	1.4.1.B.1	3.3.6.I reference change to 3.3.5.J	Marty Crossland	reference updated	Internal
87	1	1.4.1.B.3	including section about development being responsible for conveying adjcent public half-street runoff	Marty Crossland	Included	Internal
88	1	1.4.1.B.3	add "by the underlying property owner"	Marty Crossland	updated	Internal
89	1	1.4.1.C	include "Extensions of public water mains shall be within public rights-of-way rather than easements, wherever reasonably possible"	Marty Crossland	updated	Internal
90	1	1.4.1.C&D	revising excepted to accepted	Marty Crossland	Included	Internal
91	1	1.4.1.D	include "Extensions of public sewer mains shall be within public rights-of-way rather than easements, wherever reasonably possible"	Marty Crossland	updated	Internal
92	1	1.8.1	include "waiver" in list for entitlment to appeal	Marty Crossland	updated	Internal
93	1	1.8.2	Approved Plans: Notification of approved Waivers	Howard Strassburg	incorporate need to add a waivers section or reference the waivers section, to the administration section. "waiver request through site inspector" waiver design standards section incorporated	Internal
94	1	1.8.2.A.6	change construction plans to improvement plans	Marty Crossland	updated	Internal
95	1	1.8.2.B.2	include :-"prior to resubmittal"	Marty Crossland	updated	Internal
96	1	1.8.2.A.5	adherence to the EDS&PM is apart of the decision to grant a waiver, but it is not the only factor. Currently the language says that adherence shall not factor into the deicision at all	Estrella	added "shall not be the sole factor in a decision for granting the waiver	external
97	2	2.12	adding language "any unpaid fees from the previous expired review may also be applied to the subsequent submittal." Removing the City's phone number and replacing it with the general person that should be contacted: the City's Project Coordinator.	Marty Crossland	Included	Internal
98	2	2.5	Revise to prescreen instead of administrative	Marty Crossland	changed to "PRESCREEN"	Internal
99	2	2.6	updated to reflect new processes	Marty Crossland	Included	Internal
100	2	2.8	added stockpile permits	Marty Crossland	Included	Internal
101	2	2.10.1	changed reference from the City's Administrative Policy Manual to the City's Subdivision Regulations or ordinances	Marty Crossland	Included	Internal
102	2	2.10.1	include licenses as something that can be dedicated or abandoned for a project	Marty Crossland	Included	Internal
103	2	2.10.2	adding termination to the list of options for a dedication	Marty Crossland	Included	Internal
104	2	2.10.2.A.1	including termination in the rest of the language in this section	Marty Crossland	Included	Internal
105	2	2.10.2.A.2.e	Update to add "per City AutoCAD standards"	Marty Crossland	incorporated into document	Internal
106	2	2.10.2.A.2.h	inclusion of " Signature Authority documents or articles of incorporation that explains who can sign on behalf of the entity receiving, dedicating, or terminating the easement."	Marty Crossland	Included	Internal
107	2	2.11.1.A.5	include " Separation of onsite and off-site plans does not remove the completion requirements for TCO and CO for the onsite development."	Marty Crossland	Included	Internal
108	2	2.11.1.A.6	adding language regarding phasing in plan review submittal documents	Marty Crossland	Included	Internal
109	2	2.11.1.A.8	reference Chapter 0 as the Administrative Section of the manual	Marty Crossland	Included	Internal
110	2	2.11.1.B.3.s.(1)	change Liberty Water to Liberty Utilities	Marty Crossland	Included	Internal
111	2	2.11.1.C.2	include "Any appropriate or pertinent details from the City of Goodyear Standard Details, MAG Standard Details, or development-specific details as created by the Developer. These may include plan and/or profile types of details with larger scales for clarity of design, construction, or dimensions."	Marty Crossland	Included	Internal
112	2	2.11.1.C.3.a&b	include Title and Scale in list of information required	Marty Crossland	Included	Internal
113	2	2.11.2.A	Add a section for City AutoCAD Standards.	Marty Crossland	incorporated into document	Internal
114	2	2.11.2.A.1&8	adding language requiring applicants adhere to the citys autocad standards. Language allowing for various size sheets. language adding water valves, sample taps, and manhole numbers to the Key Map requirements.	Marty Crossland	Included	Internal
115	2	2.11.2.A.17	changing blue stake reference to AZ811	Marty Crossland	Included	Internal
116	2	2.10.2.A.2.g	changed title report to title commitment.	Ethan Boyle	revised	External - Wood Patel
117	2	2.11.2.A.5?	Add requirements for Key Maps for Utilities with construction drawings. Include manhole numbers, water valves, sample taps, and hydrant locations.	Tom Vassallo	added "water valves, fire hydrants, sample taps, manhole numbers, street signs, and drainage arrows" to the requirements	Internal
118	2	2.11.2.B.3.o&r	updating Key Map standards and updating AZ811 fom blue stake	Marty Crossland	Included	Internal
119	2	2.11.2.B.3.t&u	adding vicinity map and Key Map to cover sheet requirements	Marty Crossland	Included	Internal
120	2	2.11.2.B.3.u	Add item #5 from the General Checklist (updated 2018) "Vicinity Map."	Marty Crossland	added "vicinity map"	Internal
121	2	2.11.2.B.3.v	Add item #8 from the General Checklist (updated 2018) " Key Map(w/street anmes, lot & tract #s)."	Marty Crossland	added "Key Map (w/ street names, lot numbers, and tract numbers"	Internal
122	2	2.11.2.C.1&2	adding language of additional requirements of detail sheets	Marty Crossland	Included	Internal
123	2	2.11.2.D	Grammar fixes. updating blue stake to AZ811	Marty Crossland	Included	Internal
124	2	2.11.2.D.1.b.6	misspelled utilities	Marty Crossland	corrected the spelling	Internal

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125	2	2.13.4	adding language "Approved plan sets with permits issued and active construction ongoing may have the one year expiration and potential extension requirement suspended. If active construction ceases for a period of 180 days and the one year expiration timeline is lapsed, the plans and permits will be considered expired and a re-approval of the improvement plans and reissuance of the construction permits shall be required."	Marty Crossland	Included	Internal
126	2	2.11.2.A.14	remove "3/16 inch for manually drafted or"	2017_EER comments	removed "3/16 inch for manually drafted or"	External
127	2	2.14.3.C	"grading" to "grading and at-risk grading"	Marty Crossland	Included	Internal
128	2	2.14.3.D	"Soil Haul/Encroachment" to "Soil Haul/Encroachment and Stockpile"	Marty Crossland	Included	Internal
129	2	2.14.3.F.4	updating language from "by Water Management" to "The Water Department"	Marty Crossland	Included	Internal
130	2	2.14.3.H,J,K, &L	adding "A preconstruction meeting has been held with the City Inspector and all applicable SWPPP controls are in place"	Marty Crossland	Included	Internal
131	2	2.14.4	misspelled inspection	Marty Crossland	corrected the spelling	Internal
132	2	2.15.1.A.2&4	updating language to providing electronic copies rather than physical drawings	Marty Crossland	Included	Internal
133	2	2.15.3.A.3	including "The warranty period for all landscaping or irrigation related improvements shall be 90 days from the date a Letter or Acceptance or Notice of Apprval is issued except as otherwise provided herein"	Marty Crossland	Included	Internal
134	2	2.15.3.B.1	Change Warranty Bond to Performance Bond	Marty Crossland	Included	Internal
135	2	2.15.3.B.4	remove"except stormwater disposal and erosion related improvments	Marty Crossland	Included	Internal
136	2	2.15.3.B.7	including"Warranty bonds for landscaping and irrigation related to improvements that will ultimately become owned and/or maintained by the City shall be held for a minimum of 90 days after the City has issued a Letter of Acceptance or Notice of Approval and until all of the landscaping and irrigation improvement defects have been remedied as identified by the City Inspector during the warranty period."	Marty Crossland	Included	Internal
137	2	2.15.4.A.2	adding language specfiying electronic copies rather than Mylars	Marty Crossland	Included	Internal
138	2	2.2.2.B	include "unless requested and grantde an expedited review designation" and "Requesting an expedited review designation is not a guarantee of expedited review approval."	Marty Crossland	Included	Internal
139	2	2.2.2.D.1	addition of reference to developer trench	Marty Crossland	Included	Internal
140	2	2.2.2.F	addition of "inch" label to various numbers	Marty Crossland	Included	Internal
141	2	2.2.2.F	include " The following shall serve as a guideline for the differences between allowing an As-Built Revision, Field Change, or a Plan Amendment."	Marty Crossland	Included	Internal
142	2	2.2.2.F.1-3	include new section	Marty Crossland	Included	Internal
143	2	2.2.2.G	"Re-approcvals will be subject to the current City, state and feceral standards at the time of re-approval	Marty Crossland	Included	Internal
144	2	2.2.3	addition of swer capacity letter	Marty Crossland	Included	Internal
145	2	2.3.2.A.1	updating requirements related to final plats	Marty Crossland	Included	Internal
146	2	2.3.2.A.3	include "liberty utilities" in the list of agencies	Marty Crossland	Included	Internal
147	2	2.3.2.A.4.a	specification about dedication of easements	Marty Crossland	Included	Internal
148	2	2.3.4.A.1	including language about meeting MCESD requirements for sewer improvement permits	Marty Crossland	Included	Internal
149	2	2.3.4.C.1	floodway permit to be signed by the city	Marty Crossland	Included	Internal
150	2	2.4.1.A.1-3	1. change 10 days to 45 days. 2. change 55 days with 130 days. 3. Change 65 days with 175 days	Marty Crossland	Included	Internal
151	2	2.6.1.A	change engineering webpage to Development Services webpage	Marty Crossland	Included	Internal
152	2	2.6.1.B&C	removed this section to reflect updated processes	Marty Crossland	Included	Internal
153	2	2.6.1.F	include "The City may opt to use a City-wide format for Engineer's Cost Estimates based on recent City Capital Improvement Project costs. In those cases, the City will provide the estimate after the initial plan review and will update accordingly with appropriate quantities prior to requesting the in-lieu payment. The use of the City's estimate shall be at the discretion of the City Engineer or his/her designee. "	Marty Crossland	Included	Internal
154	2	2.6.1.G	include "or generated after the first substantive review if City generated (see F above). "	Marty Crossland	Included	Internal
155	2	2.3.1.A.2	addition of "or designee" to those approved to sign plans that need permits	2017_EER comments	incorporated into document	External
156	2	2.6.1.P	Add a section for City AutoCAD Standards.	Marty Crossland	included " All plans must adhere to City of Goodyear AutoCAD Standards."	Internal
157	2	2.7.1.B.1.a	removed engineering email address and added 1a "information regarding the proposed traffic control request and description of construction work"	Marty Crossland	Included	Internal
158	2	2.7.1.B.2	adding "plan review and permit" to offer specificity. further included that fees shall be paid before premit will be issued	Marty Crossland	Included	Internal
159	2	2.8.3.A	adding "Haul Route/Encroachment" to add specificity. Removed the city engineering email for consistency. A.1.a says "information regarding the proposed traffic control request and description of construction work". A.2 = included verbage that explains that fees must be paid prior to permit issuance.	Marty Crossland	Included	Internal
160	2	2.8.3.B	added a section for stockpile requirements.	Marty Crossland	Included	Internal
161	2	2.4.1.A	changing the number of calendar days to be more appropriate	Ethan Boyle	revised	External - Wood Patel
162	2	2.8.3.B.1.b.1&2)	1. Change XXX feet to 10 feet 2. Change XXX feet to 4 feet	Marty Crossland	Included	Internal
163	2	2.9.1.B	adding specificity by saying "for estimating plan review and permit fees"	Marty Crossland	Included	Internal
164	2	2.9.1.F.3.b	"these can be submitted in one document with subtotals for each plan set/construction discipline	Marty Crossland	Included	Internal
165	2	2.9.1.G	update section to reflect that hard copies of the report are not required	2017_EER comments	removed "and a hard copy of all Final Reports approved during the plan review process"	External
166	3	3.1.2.B	include blasting in "construction activity" definition	Marty Crossland	inserted "blasting" into definition	Internal
167	3	3.1.2.G	clarify that rain fall runoff is measured as a volume	Marty Crossland	inserted "volume" after rainfall runoff for clarity	Internal
168	3	3.2.1.A.1	reference section 1.4.1.B	Marty Crossland	included "See section 1.4.1.B for more information" at the end of the paragraph	Internal
169	3	3.2.1.A.2	Change reference from 3.3.5.I to 3.3.5.J	Marty Crossland	updated reference from 3.3.5.I to 3.3.5.J	Internal
170	3	3.2.1.A.3	add " <u>most current version</u> of the Drainage Design Manual for Maricopa County"	Craig Lynch	Included "most current version of" to the reference of the Drainage Design Manual for Maricopa County	Internal
171	3	3.2.1.A.3	replace will with shall	Marty Crossland	inserted "shall" to replace "will"	Internal
172	3	3.2.1.A.4.a	specify guard rails for safety	Marty Crossland	"Addition guard rails or safety rails may be required if this cannot be met"	Internal
173	3	3.2.1.B.3	Better clarify section 3.2.1.B.3 to explain what ultimate outfall and high water elevation mean in this context. May need to update other portions of the EDS&PM as well in Chapter 3 and general notes.	Steve Scinto	Specified the highwater elevation to be 12 inches above the 100-year, 6-hour high water elevation	Internal

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174	3	3.2.2.B.3	include updates that may be required after devaitons from plan"	Marty Crossland	"Any deviations from the Master Report may require an update to that Master Report to identify any implications of the deviation affection later phases or upstream/downstream impacts"	Internal
175	3	3.2.2.B.4	include "drainage memos" in the list of various drainage report due to the City	Craig Lynch	updated	Internal
176	3	3.1.2	only 3 definitions in this section. Should we move the definition section from 3.4.9 to this section as well?	Geoff Brownell	consolidated the definitions from 3.4.9 into the general information section	External
177	3	3.2.2.B.4	specify that professional engineer must have an Arizona license	Marty Crossland	"Arizona registered professional engineer"	Internal
178	3	3.2.2.C	reference table 3.2.2-1	Marty Crossland	reference included	Internal
179	3	3.2.2.D.2	change foot note to "most current Maricopa County Erosion Control Design Manual"	Marty Crossland	updated the reference to specify the most current version of the manual	Internal
180	3	3.2.4.B.8	check to see if the grading and drainage checklist is on the engineering website	Craig Lynch	checklist was on the website. Specified that it is the engineering website.	Internal
181	3	3.2.4.C.2	flood plain into one word	Marty Crossland	changed to "floodplain"	Internal
182	3	3.2.4.D.1	specify that at risk grading permits are at the sole dicretion of the city engineer or his/her designee	Marty Crossland	included "the sole discretion of the City Engineer or his/her designee"	Internal
183	3	3.2.4.D.1.b	specify that the definition of a "substantially acceptable" report is at the discretion of the City Engineer	Marty Crossland	"Substantially acceptable is at the discretion of the City Engineer or his/her designee"	Internal
184	3	3.2.1.A.4.c	4:1 max channel slopes is slightly retractive in some cases	Geoff Brownell	included an additional letter that states that channel side slopes may exceed 4:1 with appropriate channel lining if they are given permissions from the City Engineering Department	External
185	3	3.2.1.B.1	the inclusion of free board space in flooding is more conservative and protective	Geoff Brownell	included "with adequate freeboard" to how structures should behave during flooding.	External
186	3	3.2.4.D.1.c	Clarification of SWPPP	Marty Crossland	"There is no "At-Risk" SWPPP."	Internal
187	3	3.2.1.C.2	specificity needed regarding where slope is measured from	Geoff Brownell	specified "from back of lot to front of lot. Any deviation shall be approved by the City Engineer or his/her designee and the City Building Official.	External
188	3	3.2.1.D	this section about retaining walls is redundant	Geoff Brownell	removed the retaining walls section. It is already present in chapter 4	External
189	3	3.2.2.-2	Table is now the second table in the section after the outline	Geoff Brownell	title of table changed from 3.2.2 to 3.2.2 - 2	External
190	3	3.2.2.B.2	this section needs more specificity	Geoff Brownell	included "the Master Drainage Report should include a description of the offsite watershed impacting the site and quantify flow amounts of these impacts. The Master Drainage Report should also include a description of the drainage requirements and conceptual plan for the development.	External
191	3	3.2.2.B.2	section needs a reference to the outline at the end of the chapter. Outline at end of chapter should be moved into the text at this section as a table.	Geoff Brownell	transferred the outline at the end of the chapter to "Table 3.2.2-1 Master Drainage Report Outline." Also included a reference to this outline within the text	External
192	3	3.2.4.D.1.g	grammar errors	Marty Crossland	"At Risk to At-risk" and "calender to calandar"	Internal
193	3	3.2.2.B.4	add "drainage memos" to "all master, preliminary, and final drainage reports...."	2017_EER comments	incorporated "drainage memos" into list of items that must be signed and sealed by a registered professional engineer	External
194	3	3.2.4.D.1.i	include city easements as areas that are restricted to grading	Marty Crossland	"Grading is prohibited in existing City rights-of-way, easements, andor FEMA flood plainfloodplain (Special Flood Hazard Areas"	Internal
195	3	3.2.4.D.1.j	inclusion of drywells into restricted construction under the "at-risk" grading permit	Marty Crossland	"The permit is restricted to earth moving operations only – no structures, storm drain piping, drywells, or underground storage may be constructed under an "At-Risk Grading" permit."	Internal
196	3	3.2.4.D.1.j.1.iii	include construction permits to fees that must be paid prior	Marty Crossland	"All fees associated with plan review and construction permits have been paid to the City;"	Internal
197	3	3.2.2.C.3.b	grammar: remove "should be" in third sentence	2017_EER comments	changed should be to shall be	External
198	3	3.2.2.C.5.c.(1)	reference to C value without specifying which equation that comes from or its definition in general	Geoff Brownell	included "using the rational method"	External
199	3	3.2.2.C.5.c.1	5-year and 50-year should not be included as required for analysis. Only 10-year and 100-year should be required	Estrella	"5-year and 50-year storm events shall only be required for analaysis as shown in Table 3.3-1 of this chapter.	External
200	3	3.2.4.D.1.j.1.iv	change guarantee to assurance	Marty Crossland	"The financial assurance for construction of the project has been posted with the City"	Internal
201	3	3.2.4.D.2	include requirements for requesting an extension to the at-risk grading permit	Marty Crossland	"Extension of the 60-calendar day At-Risk Grading permit shall be requested in writing to the City Engineer or his/her designee at least 5 business days prior to the 60-calendar day deadline. Requesting an extension is not a guarantee of an approval and the decision to extend resides with the City Engineer or his/her designee."	Internal
202	3	3.2.5	define what is included in the stormwater disposal system	Marty Crossland	"which includes but is not limited to surface and subsurface retention facilities, storm sewer piping, structures, drywells and channels/swales."	Internal
203	3	3.3.1.C.3	include that approval may come from the city engineers designee as well	Marty Crossland	"or his/her designee"	Internal
204	3	3.3.1.C.4	explain that approved material are those that are approved by the city	Marty Crossland	"City approved materials"	Internal
205	3	3.3.2	explain that obstructions to stormwater flows apply to vegetation at initial planting size as well as matured size"	Marty Crossland	"whether at initial planting size or mature plant size"	Internal
206	3	3.3.2.B.1	specify that subsurface drainage facilities may consist of any material listed on the City Approved Materials List"	Marty Crossland	"or any other material on the City's Approved Materials list"	Internal
207	3	3.3.2.B.3	include curb inlets in the list of types of sub-surface drainage facilities	Marty Crossland	included curb inlets	Internal
208	3	3.3.3.A.2	specify that access must be public rather than private	Marty Crossland	"Dip crossings of open channels shall only be accepted when an alternative all-weather public access is available to every property"	Internal
209	3	3.3.3.A.4	changed approval from the City Engineering Department to approval by the City Engineer or his/her designee	Marty Crossland	"City Engineer or his/her engineer"	Internal

Item	Chapter	Section	Request	Requested by	Documents/Response	Internal or External Comment
210	3	3.3.3.A.5.a	exclude valley gutters minimum width from dip sections	Marty Crossland	"Valley gutters shall be used to transport runoff across local streets when a storm drain system is not required. The minimum width of a transverse valley gutter is 4 feet., unless in a dip section (see 4.1.3.C.2 for requirements)."	Internal
211	3	3.3.3.A.6	include that guardrail installation may be required	Marty Crossland	"Geometry shall be designed to allow maximum conveyance of flows and minimal maintenance. Depth and proximity to roadway edge may require guardrail installation."	Internal
212	3	3.3.3.B.1	property owner approval must be given prior to construction of subsurface d	Marty Crossland	"No subsurface routing of drainage ways between lots or buildings shall be permitted in an easement unless approved by the City Engineer or his/her designee, in writing, the placement of the drainage way in an easement, and the property owner has granted the necessary easement prior to construction of the drainage facilities."	Internal
213	3	3.2.5	The 5-year warranty period should be reduce to 2-years to be consistent with other periods required by the City.	Estrella	Replaced 5-year with 2-year, and updated all other references to this	External
214	3	3.3.1.C.1	number in this section covers multiple topics	Geoff Brownell	split number 1 into two numbers	External
215	3	3.3.3.B.2	clarify 100-year, 6-hour storm	Marty Crossland	"If approved, the channel shall be designed to convey the 100-year 6-hour flow without flooding adjacent properties."	Internal
216	3	3.3.3.B.3	easement width is specified for only one side of the channel	Marty Crossland	"The minimum width of the easement shall be the top width of the channel plus eight feet for a maintenance roadway on one side."	Internal
217	3	3.3.3.C.3	clarify where deviations in velocity are allowable	Marty Crossland	"for all City-owned and maintained storm drains. Deviations above 9 fps may be allowed on private storm drain systems if adequate erosion controls and mitigation efforts are proposed and approved. Deviations below 3 fps may be allowed on private storm drain systems if additional information is provided on keeping the system clean and free of debris buildup."	Internal
218	3	3.3.3.C.5	one foot below surface/rim elevation rather than ground elevation	Marty Crossland	"The hydraulic grade line for a 10-year storm event may be above the pipe, provided that it remains at least one foot below the surface and/or rim elevation at all manholes, catch basins, inlets, etc."	Internal
219	3	3.3.3.D.3	specify that the COG treats storm drains and sanitary sewers the same in terms of vertical seperation requirements	Marty Crossland	"Vertical separation of storm drain to a lower water or reclaimed water line shall be 2 feet. The City of Goodyear considers storm sewers equivalent to sanitary sewers in this instance and requires MAG 404 Extra Protection when above a potable waterline."	Internal
220	3	3.3.3.E.2	include allowable areas for bubble up structures	Marty Crossland	include " Bubble up structures shall not be used for any purpose within City rights-of-way, property, or City-owned easement areas."	Internal
221	3	3.3.4.A	include any city approved material in storm drain piping	Marty Crossland	or any other material as listed on the City's Approved Materials list.	Internal
222	3	3.3.4.C.3.a	wwf=welded wire fabric	Marty Crossland	"Concrete/gunite lining (reinforced with 4 x 4-inch welded wire fabric (WWF) - 12GA (gauge))."	Internal
223	3	3.3.4.C.4.b	include contact name and email to requirement list	Marty Crossland	The Developer's name, contact name, address, phone number, email, and specific repair and maintenance responsibilities shall be shown on the Recorded Plat and the Grading and Drainage Plan.	Internal
224	3	3.3.5.A.1	fix formatting, list of numbers starts at 2	2017 update comments	updated formatting	Internal
225	3	3.3.5.A.1.a	3.3.6.I reference change to 3.3.5.J	Marty Crossland	updated reference	Internal
226	3	3.3.5.A.1.a	change "building elevation" to "building finished floor elevation" when defining freeboard	Marty Crossland	updated	Internal
227	3	3.3.3.C.2	simply saying "manning's formula" doesn't necessarily cover the entirety of pipe sizing	Geoff Brownell	changed language to "calculated eak flows and appropriate hydraulic calculations per FCDMC Hydrology and Hydraulic Manuals"....."determined from the FCDMC Manuals as well."	External
228	3	3.3.5.A.1.a.(1)	how to proceed when a project contains pre-existing development	Marty Crossland	"If the project contains pre-existing development pockets within its overall boundary, additional provisions may be required as a part of the project to offset any unmitigated runoff from that area."	Internal
229	3	3.3.3.C.3	Velocities wont always range between 3 and 9 fps. there should be language for velocities slower than 3	Estrella	added "for full flow analysis"	External
230	3	3.3.3.C.4	needs more clarity	Geoff Brownell	changed main to "mainline pipes" and specified 18-inches	External
231	3	3.3.5.B	expand Civil Engineer requirement to Engineers licensed in Arizona	Marty Crossland	"Arizona registered professional engineers"	Internal
232	3	3.3.5.C.1.a	specify that the ROW restrictions include both private and public	Marty Crossland	"public (or private)"	Internal
233	3	3.3.3.E.2	on site bubble up structures have been used in the past	Geoff Brownell	included "Bubble up structures are premitted for onsite, half-street runoff collection with the inclusion of a bleed off pipe to an outfall location"	External
234	3	3.3.5.C.1.c	basins must have guard rail and safety railing if they exceed 1.5 feet in depth	Marty Crossland	"The basins shall not exceed 1.5 feet of water depth within 10 feet of the right-of-way unless there is a fence, guardrail, safety railing, or other similar protection to restrict access to the area."	Internal
235	3	3.3.5.C.2.b.(3)	need specfication about retaining walls	Marty Crossland	"retaining wall design requirements will apply"	Internal
236	3	3.3.4.C.2	needs flexibility	Geoff Brownell	included "Alternative channel lining materials will be approved at the discretion of the City Engineering Department."	External
237	3	3.3.5.C.3.a	Community Development Department is now called Development Service department	Marty Crossland	"Development Services Department"	Internal

Item	Chapter	Section	Request	Requested by	Documents/Response	Internal or External Comment
238	3	3.3.4.C.3.b	needs flexibility	Geoff Brownell	added "Any alternative shall be approved by the City Engineer or his/her designee."	External
239	3	3.3.4.C.3.d&e&f	needs additional specifications	Geoff Brownell	added d."Loose rock riprap-per criteria set forth in the FCDMC Hydraulics Manual." e. "Engineering drop structures" f. "Proporietarychannel lining systems at the discretion and approvala of the City Engineering Department."	External
240	3	3.3.5.C.4	Parking lot requirements for ADA parking during flooding need to be updated	Marty Crossland	"No more than 50% of the required parking spaces shall be covered by stormwater retention/detention. ADA parking spaces shall be completely free of any ponding."	Internal
241	3	3.3.5.C.5.b	specify that it is the developers responsibility to provide an outfall at their own expense	Marty Crossland	"This may require obtaining easements from adjacent, downstream properties at the sole cost and responsibility of the developer."	Internal
242	3	3.3.5.C.7.b	developer must provide an easement at their own cost	Marty Crossland	"If an easement cannot be dedicated within the property, the Developer shall obtain, at their sole cost, an easement elsewhere."	Internal
243	3	3.3.5.C.7.e	reference to utility section	Marty Crossland	"Insufficient cover shall require concrete capping, see capping requirements in the respective utility's chapters."	Internal
244	3	3.3.5.C.d.1	maintenance access is needed where fencing is required	Marty Crossland	"Where fencing is required, a gated access for maintenance must be provided with a minimum width of 20 feet and a maximum slope of 6:1."	Internal
245	3	3.3.5.A.b.2	starts at 2 when it should start at 1	2017_EER comments	formatting fixed	External
246	3	3.3.5.D	developer may be required to prove that percolation of basins is functioning	Marty Crossland	"Percolation tests and results shall accompany all drainage reports and may be requested or required to be produced again post-construction"	Internal
247	3	3.3.5.E	requirements of comingling of embankments need specification	Marty Crossland	"Comingling of embankments or berms for stormwater runoff and farming irrigation impoundment is prohibited."	Internal
248	3	3.3.5.F	include "unless agreed upon by the City Engineer prior to permit issuance"	Craig Lynch	included ""unless agreed upon by the City Engineer prior to permit issuance"	Internal
249	3	3.3.5.G	90 day notification required	Marty Crossland	"...the 5-year period, if disposal methods in use are found to be insufficient to dispose retained stormwater within a 36-hour period following the end of a rain event, and/or drainage improvements fail to operate as designed creating erosion, the Developer's Engineer shall submit a corrective action plan within 90 days of the notification of operational failure of the facilities to the City for review and approval"	Internal
250	3	3.3.5.H.4	Add item #3 from the Underground Checklist (updated 2018) "Ok materials - perforated, storm tech, Con Arc, HDPE(no CMP)."	Marty Crossland	added "including Perforated, Storm Tech, Con Arc, and HDPE. CMP is not permitted"	Internal
251	3	3.3.5.H.4	include "including Perforated, Storm TEch, Con Arc, and HDPE. CMP is not permitted"	Craig Lynch	updated the list of allowable materials	Internal
252	3	3.3.5.J	developer is to be held responsible regardless of City awareness to issue	Marty Crossland	"The Developer/Owner is also not relieved of liability if City plan review or inspection services do not call attention to the issue."	Internal
253	3	3.3.5.C.6.a	needs additional specifications	Geoff Brownell	included "Off-site flows shall be returned to their historic, or less, location and condition downstream of the property."	External
254	3	3.3.5.J.1	Stormwater retention requirements may be waived to only retain "or clean" the first flush (the first ½ inch of rainfall runoff volume) if specific criteria are met and if approved by the City Engineer or his/her designee	Marty Crossland	updated	Internal
255	3	3.3.6.B.2	property owner must clear debris from the basin yearly	Marty Crossland	"Periodic maintenance of the debris basin shall be undertaken by the Individual, HOA or POA that owns the property within which the basin is to be located and is subject to annual inspection and warranty periods not unlike any other drainage infrastructure."	Internal
256	3	3.3.6.C.1	scour analysis of culverts shall be required	Marty Crossland	"Scour analysis for any culvert inlets or headwalls shall be included in the Preliminary and Final Drainage Reports. Scour depth elevations shall be shown on the cross section and profile sheets of the approved Grading and Drainage plans."	Internal
257	3	3.3.6.D.5	define runup as "superelevation"	Marty Crossland	updated	Internal
258	3	3.3.7	delete section	Marty Crossland	removed	Internal
259	3	3.4.2.A.1.c &2.c	remove Unique or impaired waters and the specification of what unique waters are	Craig Lynch	removed the reference to waters of the US, as goodyear does not havbe that	Internal
260	3	3.4.3	remove "unless specified approval is granted"	Craig Lynch	removed this language	Internal
261	3	3.4.3.B	remove "ADEQ currently reviews and approves only those projects located within 1/4 mile of unique or impaired waters"	Craig Lynch	removed this language	Internal
262	3	3.4.4	update ADEQ reference	Craig Lynch	updated the name of ADEQ's general permit	Internal
263	3	3.4.4.C.1	include vehicile tracking initial stage	Marty Crossland	"This plan sheet shall provide grading, erosion, vehicle tracking, and sediment controls for the initial clearing, grubbing and grading of the site."	Internal
264	3	Table 3.2.2-1	remove "plan" from the list of submittal levels	Marty Crossland	removed "plan" from "Preliminary, Master plan, Final, etc."	Internal
265	3	Table 3.2.2-2	include phased prelinary flat as a requirement in the Master Drainage Report. additionally include at risk-grading or any mass grading in the required section of the Final Drainage Report	Marty Crossland	included in third and last row of table	Internal
266	3	3.4.1	the history section is an unnecessary inclusion	Geoff Brownell	removed the History section	External
267	3	3.4.9	multiple definitions sections	Geoff Brownell	moved this section to the definitions section at beginning of chapter	External
268	4	4.1.1.C	change this section to require a TIA rather than suggesting it. = "All development shall require a TIA with the type of study being determined by the MCDOT Traffic Impact study manual."	Steve Scinto	updated section to "All development shall require a TIA with the type of study being determined by the MCDOT Traffic Impact Study Manual."	Internal
269	4	4.1.1.D.1	add striping to preliminary plats requirements	Marty Crossland	"Show all existing and proposed streets, medians, striping, turn lanes, and bus bays"	Internal

Item	Chapter	Section	Request	Requested by	Documents/Response	Internal or External Comment
270	4	4.1.1.D.3 & F.7 & 4.1.3.A.1	updating reference from COG general plan to COG transportation master plan	Guadalupe Ortiz	updated from City's approved General Plan to City's Transportation Master Plan and Park and Recreation Master Plan"	Internal
271	4	4.1.1.D.4	Change from triangles to easements	Marty Crossland	"Show all SVEs, PUEs, and other easements associated with City roadways."	Internal
272	4	4.1.1.F.1	remove "(Parkways)"	Guadalupe Ortiz	removed the language	Internal
273	4	4.1.1.F.2.5.a.(1)	emergency access plans are required	Marty Crossland	"Owner shall, via Final Plat or by other means, grant the City access for City emergency, third party emergency, solid waste, and water/wastewater services within the private street tracts."	Internal
274	4	4.1.1.F.2.b	did "City Center Arterial Streets" get scrapped in GP update? if so, remove.	Marty Crossland	City Center Arterial Streets was removed. Therefore the reference was removed from the document	Internal
275	4	4.1.1.F.2.c	future median construction may obstruct cross-street access to driveways	Marty Crossland	"If no median is present at the time of a development, this does not mean that a median constructed in the future will not restrict access to existing driveways not meeting the full access spacing requirements in this chapter."	Internal
276	4	4.1.1.F.2.d	include "vehicular"	Guadalupe Ortiz	included this language	Internal
277	4	4.1.1.F.2	could language be added to allow for an alternative street section waiver? could a request for earlier review and approval timing of an alternate street section be included as part of a waiver request?	Havard Comments	addition of the sentence "all deviations from standard street cross sections shall follow the waiver process as outlines in Section 1.8.2 of this manual?"	External
278	4	4.1.1.G	Add the sentence, "A Developer must propose a street name change to City Council, if so desired, for approval if the name does not align with the MAG Address and Street Assignment Policy."	Guadalupe Ortiz	added the aforementioned language	Internal
279	4	4.1.1.C	flexibility regarding what developments require a TIA	Estrella	Added " A Traffic Statement may be submitted when a Master Traffic Impact Study or Analysis has previously been submitted and approved for the development area. The statement must be signed and sealed by an Arizona Registered Civil or Traffic Engineer to validate that the proposed development within the scope of the Master Study is at or below the assumed traffic for the Lot or acreage developing." to EDS&PM 4.1.1.C.	External
280	4	4.1.1.C	add "or traffic statement" after TIA in the text	Havard Comments	additional language to the effect of "A traffic statement confirming volumes are at or lees than the assumptions of a prior relevant study for the same area or including the subject area and may be required in lieu of a full study or analysis."	External
281	4	4.1.1.G.2	loop configuration requirement included	Marty Crossland	Streets proposed in a loop configuration where more than one intersection would have identical intersecting street names shall be split, per the direction of the City Engineer or his/her designee, so that each intersection will be uniquely identifiable and defined	Internal
282	4	4.1.1.H.3	change from "do not" to "shall not"	Marty Crossland	updated language	Internal
283	4	4.1.10	change the street light section to the new section provided	Marty Crossland	updated the entire section	Internal
284	4	4.1.2.B.3	damaged monuments must be replaced by the developer at their own cost	Marty Crossland	"All monuments damaged, obliterated, or removed as a result of a development-related project, shall be replaced at no cost to the City in the instances and to the standards listed above. Replacement or resetting of the monument must be completed by an Arizona Registered Civil Engineer or Land Surveyor. All documentation tying the new or replacement monument into the applicable horizontal and vertical datums must be provided to the City (or any other appropriate County or State entity) prior to acceptance of the monument."	Internal
285	4	4.1.2.C.2	irrigation facilities requirements	Marty Crossland	"Signatures may be required on the plan set cover sheets where irrigation infrastructure is being impacted. If the affected will not provide a signature, a letter may be procured and provided to the City to be filed with the approved plans prior to permit issuance"	Internal
286	4	4.1.2.D.1	include The developer shall remove existing asphalt and landscape the area	Guadalupe Ortiz	added " The developer shall remove existing asphalt and landscape the area"	Internal
287	4	4.1.2.D.1	developer must remove dead end street if buildout does not result in its continuation	Marty Crossland	"The developer shall remove existing asphalt and landscape the area if the street does not continue in the future, ultimate buildout of the property or a change in the property use eliminates the extension of a neighboring dead-end street configuration."	Internal
288	4	4.1.2.E.3	sidewalks shouldn't have any obstructions	Marty Crossland	"Sidewalks shall be free from all obstructions unless approved by the City Engineer or his/her designee. This includes but is not limited to fire hydrants, utility poles, streetlights, valve boxes, utility manhole lids, utility cabinets/pedestals, traffic signal poles, street signs, water meters and backflow devices."	Internal
289	4	4.1.3.A.1	deviating from the transportation master plan requires City approval	Marty Crossland	"Deviations from the plan shall require approval from the City Engineer or his/her designee and City Management. An update to the Transportation Master Plan shall be required to be completed by the entity proposing the deviation at their sole cost and shall be approved prior to any review, approval or permitting of plans for that street or streets."	Internal
290	4	4.1.3.A.6	included a hyphen for grammar sake	general	updated the language to include a hyphen	Internal

Item	Chapter	Section	Request	Requested by	Documents/Response	Internal or External Comment
291	4	4.1.3.B	PUE references should also include PUES	Marty Crossland	"PUE or PUES"	Internal
292	4	4.1.3.C.1.a	slope from crown to edge on the road shall be continuous	Marty Crossland	"Cross sections shall be designed so that the slope is continuous from the crown to the edge of pavement. No grade breaks shall be permitted unless approved by the City Engineer or his/her designee. If an existing, unfinished pavement section exists, the Design Engineer shall either match the existing cross slope, if within tolerances listed above, or remove the existing pavement to the crown or centerline and provide the continuous slope."	Internal
293	4	4.1.3.C.3.a	include "right turn lane shall be 13 feet wide from edge of lane to back of curb. width shall match sectionA-A shown on COG Detail G-3242-1	Marty Crossland	included reference to 3242 -1. specified 13 ft width	Internal
294	4	4.1.3.C.3.b	right lane turn exceptions need to be addressed	Marty Crossland	"Instances where the right turn lane cross slope must continue in the same direction as the adjacent street cross slope, there shall not be a break or change in the slope. Adequate drainage of the curb gutter within the right turn lane shall be verified prior to approval and permit issuance"	Internal
295	4	4.1.3.D	traffic calming devices must be prohibited unless approval is given by the appropriate parties. Lanague should be added accordingly	Paul Luizzi	updated language to " Traffic calming devices within the City rights-of-way or on private streets shall be designed and installed in accordance with the City Neighborhood Traffic Management Program. Traffic calming devices shall be prohibited unless approved by the Fire Chief or his/her Designee and the Fire Code Official."	Internal
296	4	4.1.3.D.1	include "Traffic calming devices shall be prohibited unless approved by the fire code official."	Fire Department	included "Traffic calming devices shall be prohibited unless approved by the fire code official."	Internal
297	4	4.1.3.E.1	paving checklist points to this location, but does not have the median width	Paving Checklist	included "and must be at least 4 feet wide for landscaping"	Internal
298	4	4.1.2.E.3	text should be reordered for greater clarity	Estrella	revised order of the sentence and included "as also stated in 4.1.5.C.1"	External
299	4	4.1.3.F.5	curbs must be free of obstructions	Marty Crossland	"All curbs and gutters shall be free from manhole lids, valve boxes, or any other obstruction. Exceptions shall be at the sole discretion of the City Engineer or his/her designee. No exceptions shall be granted if the obstruction is within a curb or gutter that collects stormwater flows."	Internal
300	4	4.1.3.A.1	flexibility desired	Estrella	removed "review" from the language and included "at the sole discretion of the City Engineer or his/her designee"	External
301	4	4.1.3.J.1.b	change 9 percent to 8 percent	Fire Department	updated from 9 percent to 8 percent	Internal
302	4	4.1.3.K.6.e	multiple private driveway restrictions need to be addressed	Marty Crossland	"Shared right turn lanes for multiple private driveways is prohibited unless approved by the City Engineer or his/her designee. Adjacent properties are encouraged to share an access point and right turn lane."	Internal
303	4	4.1.3.L.2.a.(1)&(2)	full median and partial median openings need length requirements	Marty Crossland	full median openings:1,320 ft. partial median openings:660ft	Internal
304	4	4.1.3.M	Eliminate Standard Chapter 4 4.1.3 M RAC standard	Howard Strassburg	removed this section	Internal
305	4	4.1.4.3	included reference to standard details	Marty Crossland	updated to "illustrated in the COG Standard Details G-3236	Internal
306	4	4.1.4.A.2.b	add reference	Marty Crossland	"Radii per City Standard Detail G-3236"	Internal
307	4	4.1.3.D	replace "traffic calming devices" with "speed bumps" softening the language to allow for a case-by-case basis	Havard Comments	addition of the sentence "Traffic Calming Devices are considered to be any form of raised pavement sections within the paved street surface area with intent to mitigate speeding that would impede or slow emergency response vehicles, such as speed bumps, speed humps, or speed tables"	External
308	4	4.1.4.E.1.a.(5)	specify driveway max width	Marty Crossland	"The maximum width of the driveway shall be per City Standard Detail G-3236 for D-1 driveways."	Internal
309	4	4.1.4.E.1.c.2	include "In some cases, secondary access points may be allowed for limited, low volume ingress/egress uses such as RV/camper and accessory dwelling units. Secondary access points shall not violate any lot coverage, sight visibility, or proximity to intersections as required in this chapter. Secondary access to a Collector or Arterial street will not be allowed unless approved by the City Engineer or his/her designee."	Marty Crossland	updated language	Internal
310	4	4.1.4.E.2.d	include " unless no other means of access is available."	Marty Crossland	updated language	Internal
311	4	4.1.4.E.b.4	add "(plus sidewalk width)" for clarity on sizing	Marty Crossland	updated language	Internal
312	4	4.1.3.J.1.b	some developments in hilly areas have percentage slopes that could be greater than 8 percent.	Estrella	included "for hillside developments, see criteria and allowances in 9.1.2.D.21	External
313	4	4.1.5.A.4.b.2	included that railing should be enhanced for aesthetic purposes.	Christian Williams	updated to include " enhanced with paint to match the surrounding community"	Internal
314	4	4.1.5.B.2	included a new section about terracing	Planning Department	updated language to "For any wall on top of a retaining wall with a desired combined height greater than 12', terracing is required. Terrace offsets must have a width of at least 3' to accommodate mandatory planting, such as bushes, shrubs, and other foliage."	Internal
315	4	4.1.5.B.3	include language regarding enhancement of railing	Christian Williams	updated to include " all railing shall be painted to match the adjacent community or developmet wall. If no feature is present, it shall be painted a neutral color."	Internal
316	4	4.1.5.B.4	remove "greater than 1 foot in height" and include "must be at least 4 ft in height"	Christian Williams	removed the greater than 1 foot language and included that it must be at least 4 ft in height."	Internal
317	4	4.1.5.C.1.a	"Traffic signal poles, utility poles, or pedestrian push button pylons shall not impede or encroach into the pedestrian travel path of a sidewalk or ADA ramp."	Christian Williams	included the language "Traffic signal poles, utility poles, or pedestrian push button pylons shall not impede or encroach into the pedestrian travel path of a sidewalk or ADA ramp."	Internal

Item	Chapter	Section	Request	Requested by	Documents/Response	Internal or External Comment
318	4	4.1.6	update DPC to DRC	Marty Crossland	updated the acronym to Development Review Committee	Internal
319	4	4.1.7.A.4	developer sole cost for removal of obstacles	Marty Crossland	"Obstacles found during preliminary design procedures or during construction conflicting with the proposed street or half-street pavement section and subbase shall be completely removed or relocated, at the Developers sole cost, outside of the street or half-street pavement section or right-of-way/half-street right-of-way at the discretion of the City Engineer or his/her designee. Voids or openings as a result of the removal or relocation of the obstacle shall be plugged, filled or backfilled as directed by the City Engineer or his/her designee."	Internal
320	4	4.1.7.B.1	phased development requirements are needed	Marty Crossland	"Phased developments shall identify in a phasing plan, approved by the City during a Site Plan or Preliminary Plat review, the interior streets requiring full construction by phase and any interim conditions."	Internal
321	4	4.1.7.B.2	specify when in lieu payments are allowed	Marty Crossland	"The approval of an in lieu payment shall take place during any of the following reviews and approvals: Development Agreements, Zoning or Rezoning, Site Plan or Preliminary Plat."	Internal
322	4	4.1.7.B.3	state where worksheet is found and how developers may be reimbursed	Marty Crossland	"This worksheet is available from the City Development Services and Engineering Department. If construction of the full median is required as a part of the development and funds have previously been collected for the remainder of the median, those appropriate funds shall be made available as a reimbursement to the developer after acceptance of the full median construction"	Internal
323	4	4.1.5.B	further clarification in chapter 8 could probably be included about retaining walls.	Estrella	included "See chapter 4.1.5.B for more specific information"	External
324	4	4.1.7.B.3	add definition to Paymnt Calculation worksheet " in which unit prices are based off of current City Capital Improvement Project Bids and Estimates"	Marty Crossland	updated language	Internal
325	4	4.1.7.B.5	include "Typically the outer lanes are constructed with a future reduction of the median to construct the inner lanes. Storm water collection systems shall be sized to ultimate runoff volumes of the final street cross section."	Marty Crossland	updated language	Internal
326	4	4.1.7.D.1.a	pavement transition requirements for full half-streets	Marty Crossland	"The full half-street shall be constructed along the frontage of the development with the transitions made flanking the development frontage whenever possible. At the direction of the City Engineer or his/her designee, the Developer may be responsible to acquire additional rights-of-way or easements, at their sole cost, if transitions do not fit within existing rights-of-way or easement areas."	Internal
327	4	4.1.8	inlude"and the Design Guidelines applicable to the land use(s)."	Christian Williams	updated to include this language	Internal
328	4	4.1.5.C.1.a	text should be reordered for greater clarity.	Estrella	reference was included to swection that provided greater clarity rather than divulging further in this section	External
329	4	4.1.8.B	add "or construction permit issuance"	Marty Crossland	updated language	Internal
330	4	4.1.8.C.5	include "Cul-de-sacs adjacent to collector and arterial streets shall include a pedestrian access-way to the collector or arterial sidewalk."	Christian Williams	updated to include this language	Internal
331	4	4.1.8.D.2	include "The temporary turnaround area is to have proper no parking signage to prevent unauthorized parking"	Fire Department	updated to include this language	Internal
332	4	4.1.8.E	include "knuckles" to the title section	Christian Williams	updated to include knuckles	Internal
333	4	4.1.8.E.3	remove "55 ft" and replace with "measured to the right-of-way"	Christian Williams	updated to new language	Internal
334	4	4.1.8.E.3	specify the specific number of feet for outside radii	Marty Crossland	added 55ft	Internal
335	4	4.1.7.B.4	add " unless previously approved by City Council in a Development Agreement"	Havard Comments	agreed that this language can be added for clarity	External
336	4	4.1.8.F	T shaped alley ways are not desired	Marty Crossland	"Developers shall make every effort to avoid designing alleys with T-intersections and shall be subject to approval by the City Engineer or his/her designee."	Internal
337	4	4.2.18	changed neccessary to required	Marty Crossland	changed neccessary to required	Internal
338	4	4.2.2	"TRAFFIC SIGNAL NEEDS STUDY" becomes "TRAFFIC SIGNAL NEEDS ASSESSMENT"		updated the language	Internal
339	4	4.2.2.A.4	include "At the discretion of the City Engineer or his/her designee, an in-lieu payment may be required prior to permit issuance for a proportionate share of the costs of the deferred installation of the full traffic signal infrastructure"	Marty Crossland	updated language	Internal
340	4	4.2.5.C	section needs to be split into A B and C rather than A and B for organizaiton	Marty Crossland	section C added	Internal
341	4	4.2.5.C.1.A.(4)&(8)	need to include email addres in the cover sheet requirement	Marty Crossland	included email address and bench mark information	Internal
342	4	4.3.2.B.5	bus stop configuration requirements	Marty Crossland	"Bus stops and bus bay configurations shall be free of existing underground dry utilities within the bus bay sidewalk and amenity area. Additional PUE may be required to be dedicated behind the amenity area for dry utility relocation purposes. See City Standard Details for more information."	Internal
343	4	4.3.3	change "should" to "shall"	Christian Williams	updated the language	Internal
344	4	4.4.1.B	inclusion of "Additionally, bicycle facilities shall be in conformance with the Parks, Recreation, Trails, and Open Space Master Plan, as well as the Bullard Wash Bicycle & Pedestrian Master Plan"	Christian Williams	included "Additionally, bicycle facilities shall be in conformance with the Parks, Recreation, Trails, and Open Space Master Plan, as well as the Bullard Wash Bicycle & Pedestrian Master Plan"	Internal
345	4	4.4.3.B.4	bicycle lanes shall not be reduced when a bicycle path is placed next to it	Marty Crossland	"Bicycle lanes shall not be reduced or eliminated when a bicycle path is proposed along the same corridor. They shall complement each other, not replace each other."	Internal

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346	4	4.4.4.A.4	obstructions should not be placed in bike lanes	Marty Crossland	"Manhole lids, valve boxes, or any other obstructions proposed or existing within a bike lane shall be avoided. Conflicts shall be relocated to a location approved by the City Engineer or his/her designee."	Internal
347	4	4.4.4.C.2&3	Update right of way width for bike lanes.	Wayne Smith	width of ROW for bikes stays the same although the following language was added to 4.4.4.C.3 "Trail systems with bicycle use may use the same cross section with a decomposed granite groundcover in lieu of the required pavement, as approved by the Development Services Director or his/her Designee"	Internal
348	4	4.4.6.B.1	setting expectations around night construction around residential areas	Marty Crossland	"Generally, any night work within 500 feet of residential will not be allowed per City Zoning Ordinances."	Internal
349	4	4.4.6.B.2	update MCAQD address	Marty Crossland	301 W. Jefferson St., suite 170	Internal
350	4	4.4.6.C.1	testing requirements	Marty Crossland	"Failure to submit testing results prior to installation date will result in rescheduling of the installation and rejection of any placed materials."	Internal
351	4	4.4.6.C.3	updated detail reference	Marty Crossland	updated to G-3201	Internal
352	4	4.4.6.C.4	change "coarse" to "course"	grammar	updated spelling	Internal
353	4	4.3.4.2.c	change "litter pick up" to "Removal of litter"	2017_EER comments	updated the language	External
354	4	4.5.2.B.4.b	reference MAG and delete supplementary details	Steve Scinto	include "marker installation locations according to MAG Standard Detail 122.	Internal
355	4	4.5.3.A.5	providing flexibility in pavement marking plans	Marty Crossland	"Any distances less than or greater than 1,250 feet shall be determined on a case-by-case basis by the City Engineer or his/her designee."	Internal
356	4	4.5.3.D.7.	update from engineering department to Street Maintenance Division	Marty Crossland	updated language	Internal
357	5	5.1.1.B.4	technically PEs are registered in the state of Arizona not licensed in the state of arizona	Marty Crossland	all mentions to those "licensed" in arizona were revised to "registered"	Internal
358	5	5.1.1.C	A statement regarding the city's policy of conservation of water resources should be included	Marty Crossland	"Any proposed developments or construction within the City must take into account the potential impacts on the City's water portfolio, in particular if usage is outside what is identified in the City's Integrated Master Water Plan. Developers are encouraged to access how their projects may affect water availability, quality, and sustainability. This includes evaluating the use of water resources, implementing efficient water management practices, and exploring alternative water sources. By prioritizing the City's water resource availability and resilience, developers can contribute to a more sustainable and resilient urban environment"	Internal
359	5	5.1.2.A.2.c.1	the water master report is better aligned with the Integrated water master plan and therefore the reference should be included	Marty Crossland	"the annual water demand requirements for a development shall reference the allocated water per the relevant zoning type as outlined in the Integrated Water Master Plan" replaced the existing language	Internal
360	5	5.1.2.A.2.f.1	the water master report is better aligned with the Integrated water master plan and therefore the reference should be included	Marty Crossland	"A development's potable annual water demand requirements shall be calculated according to information in the Integrated Water Master Plan" replaced the existing language	Internal
361	5	5.1.3.c.2	hyperlink needs to be updated	Kimley-horn	updated hyperlink to lead to the arizona water resources website	Internal
362	5	5.1.5.A.1.e	Standard Detail for Valve Bypass per Spec 5.1.5	Howard Strassburg	updates made to standard detail G - 3334	Internal
363	5	5.1.6.A.1	remove water meter from fire line	Robert Silver	removed "utilizing a meter provided by the service provider at each connection."	Internal
364	5	5.1.6.A.3	needs updated language to allow for flexibility	Fire Department	included "except where a NFPA 13 D fire sprinkler system is utilized"	Internal
365	5	5.1.7	insert "The requirements for cross-connection controls herein are adopted pursuant to the City's obligation to protect the public water system from health hazards from potential back-flows of water or mixture of water and other liquids, gasses or other substances into the City's potable water system. All backflow prevention assemblies and devices that are required to be installed as set forth herein shall be approved by the City as set forth in the Goodyear City Code.	Marty Crossland	updated language	Internal
366	5	5.1.7.A.1	insert "Air-Gap Separation as defined in the Goodyear City Code is required under all of the following conditions "	Marty Crossland	updated language	Internal
367	5	5.1.7.A.1.a	insert "Where the connection point to the City's potable water system is or will be restricted and cross-connection inspections cannot be made with sufficient frequency or can only be made on short notice."	Marty Crossland	updated language	Internal
368	5	5.1.7.A.1.h	add "or any other state agency regulating water quality."	Marty Crossland	updated language	Internal
369	5	5.1.7.A.1.i	insert "i.When the Director of the City's Water Services Department or his/her designee determine there is an atypical risk to the City's potable water supply and the installation of a RPP backflow prevention assembly ("RPP device") will not be sufficient to protect the City's potable water supply."	Marty Crossland	updated language	Internal
370	5	5.1.7.A.2	insert "A RPP device shall be installed in addition to an Air Gap Separation when the Director of the City's Water Services Department or his/her designee determines the Air Gap Separation is not sufficiently protecting the City's potable water supply. Examples of situations when Air Gap Separation is not sufficiently protecting the City's potable water supply include, but are not limited to, the discovery that the Air Gap Separation is not working properly, the Air Gap Separation is not being maintained properly, and attempts have been made to bypass the Air-Gap Separation. "	Marty Crossland	updated language	Internal
371	5	5.1.7.A.3	New Section	Marty Crossland	New section created	Internal
372	5	5.1.7.A.4	New Section	Marty Crossland	New Section created	Internal
373	5	5.1.2.C.11	update MAG standards with City of Goodyear standards	Harvard Comments	update the reference	External

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374	5	5.1.7.B.3	updated section: "RPP and DC Valve Assembly backflow prevention devices and detection assemblies shall be located outside of the PUE and and outside of right-of-way unless the backflow prevention device is required for irrigation of city-maintained medians. For RPP and DC Valve Assembly backflow prevention devices where a water meter is required, the RPP and DC Valve Assembly backflow prevention devices shall be installed as close as practical to such water meter. For RPP and DC Valve Assembly backflow prevention devices where a water meter is not required (i.e. for fire lines), the RPP and DC Valve Assembly backflow prevention devices shall be located on the property where the cross connection is located as close to the PUE as possible. "	Marty Crossland	updated language	Internal
375	5	5.1.4.C.5	add "minimum" to diameter size	Harvard Comments	add this language to provide flexibility	External
376	5	5.1.7.B.4	insert " Backflow prevention devices shall be tested immediately after installation, relocation, or repair. Devices shall not be placed in service unless they are functioning as required. Testing shall be performed in accordance with the requirements set forth in the Goodyear City Code."	Marty Crossland	updated language	Internal
377	5	5.2.1.B	reclaimed water may now be used for dust suppression and therefore an update to the language is needed	Marty Crossland	"Reclaimed water may be requested to be used for dust suppression and control for construction related uses at the sole discretion of the Water Service Director or his/her designee."	Internal
378	5	5.1.6.C.1.d	NFPA standards indicate that the sprinkler water demand may be greater than 250 gpm.	Harvard Comments	add the statement "whichever is greater, or as required per the current adopted NFPA and IFC"	External
379	5.2	5.2.6	delete Cross Connection Control section	Marty Crossland	removed	Internal
380	5.2	5.2.4.I.1	water system pressures in the estrella community require greater pressures than what is specified in the text.	Harvard Comments	addition of "not to exceed 60 psi except where warranted by elevation changes requiring higher pressures. Ultimate pressure requirements shall be approved by the Water Services or Engineering Departments."	External
381	6	6.1.1.B	Add a reference	Marty Crossland	included " See Section 1.4.1.D of this manual for more information	Internal
382	6	6.1.2.A.1	replace "memo" with "Preliminary Wastewater Information Document"	Marty Crossland	updated language	Internal
383	6	6.1.3.A.11.b	updated from 3 feet to 6 feet	Marty Crossland	updated language	Internal
384	6	6.1.3.F.5	specify that the city will review and approve prior to final acceptance of sewer	Marty Crossland	updated language	Internal
385	6	6.2.1.A	Needs specification of sign and seal	Marty Crossland	inclusion of language "the memo must be sealed by a Professional Engineer"	Internal
386	6	6.2.3.B.6	placement of stubs to be specified	Marty Crossland	"stubs shall be placed every 1/4 mile on arterial streets, where a 12" diameter stub shall be placed at 1/2 mile and 8" diameter stub at 1/4 mile." inclusion	Internal
387	6	6.3.1.A.1	add HDPE to the list of accepted materials for sewer lines	Pilar Avila	added HDPE to the list	Internal
388	6	6.3.1.A.1	HDPE should be added as a approved material for sewer lines	Pilar Avila	HDPE added to the list of materials "Approved DIP, PVC, HDPE, or VCP may be used for main lines..."	Internal
389	6	6.3.1.A.4	Sewer: Include narrative to change Sewer Pipe Material to SDR 26 at greater than 15' deep (Currently only in approved materials list)	Howard Strassburg	added "pipe material must be SDR 26 when pipe location is greater than 15 feet deep."	Internal
390	6	6.3.2.A	inclusion of man hole being a minimum of 5 feet	Marty Crossland	"All manholes shall be a minimum of 5 feet in diameter and per MAG Standard Details and Specifications.	Internal
391	6	6.3.2.A	updated reference from MAG 424 to 424-1 and 424-2	Marty Crossland	updated references	Internal
392	6	6.3.2.A.2	Include narrative to require minimum 72 hours or 70% compressive strength achieved prior to stacking manhole risers	Howard Strassburg	added "Prior to stacking, all manhole risers are required to undergo 70% compressive strength for a minimum of 72 hours."	Internal
393	6	6.3.2.B.2.a	specify that manhole spacing should be a maximum of 400 feet	Pilar Avila	removed a and b and condensed them to a single point "maximum manhole spacing for all sewer lines shall be 400 feet"	Internal
394	6	6.3.2.F.1	update of the warranty time period is needed	Marty Crossland	inserted two-year into "The two-year warranty for the insecticide application shall run concurrently with the two-year sewer system warranty."	Internal
395	6	6.3.3.A	reference towards the environmental services divsion should be erased	Pilar Avila	removed the reference so that it now only references the city engineering inspections division	Internal
396	6	6.3.3.A.8	inclusion of the language that 6-inch service lines can not connect to sewer mains	Marty Crossland	"6-inch service lines shall not connect directly into sewer mains"	Internal
397	6	6.3.3.E	As-built and Sewer Video Submittals on Flash Drive not DVD	Howard Strassburg	remove dvd requirement and change to flash drive	Internal
398	6	6.4.2.A.1	Alarm monitoring, above ground pipes and valves for discharge pipe 6" and larger, stainless steel hardware, water pilot for level control, discharge pipes and wet well must be coated, fall arrest anchor over dry well and wet wall opening, by-pass connection, operator interface terminal and 2" water supply.	Pilar Avila	included "Alarm monitoring, above ground pipes and valves for discharge pipe 6" and larger, stainless steel hardware, water pilot for level control, discharge pipes and wet well must be coated, fall arrest anchor over dry well and wet wall opening, by-pass connection, operator interface terminal and 2" water supply."	Internal
399	6	6.2.3.B.6	add minimum to the diameter size to provide clarity	Harvard Comments	"minimum" included to the language	External
400	6	6.4.2.B.15	lift stations should have ultra-barrier security	Pilar Avila	changed the language to "Lift station shall be located a minimum distance of 100 feet from the nearest home. A block wall with ultra-barrier security shall be constructed around the perimeter of the lift station site.	Internal
401	6	6.4.2.B.16	location of odor control measures should be specifically identified	Pilar Avila	included language "inside the lift station and at the discharge manhole.	Internal
402	6	6.4.2.B.17	specification of which part of the lift stations shall be coated needs to be added	Pilar Avila	included language "the interior of all lift station wet walls shall be coated with a corrosion resistant coating as identified in the City Approved Materials List for Wastewater.	Internal
403	6	6.3.1.F.2	change "a minimum over of 6 feet, as measured from finished grade to the top of sewer line" to 3 feet	Alex Eckel	updated	External - Dibble
404	6	6.3.1.J.1.a	clarity of what d/D is allowed in this condition is requested	Harvard Comments	.65d/D	External
405	6	6.4.2.B.19.I	Outdated reference	Pilar Avila	"It is recommended that designers coordinate their pump station design with the City Engineering department and the Water Services Department prior to final plan preparation."	Internal

Item	Chapter	Section	Request	Requested by	Documents/Response	Internal or External Comment
406	6	6.4.3.C	needs specification that air release valves should occur not only at every peak in elevation but also at least every 1,000 ft	Pilar Avila	changed language to "Approved air release valves designed for sewage shall be provided on force mains at all peaks in elevation or every 1,000 feet of force main."	Internal
407	6	6.4.3.D	two way cleanouts should be changed from every 800 feet to every 500 feet, and one-way cleanout configurations should be removed entirely. This change was also made to the corresponding standard details.	Pilar Avila	changed 800 feet to 500 feet and removed "or one-way cleanouts every 400 feet"	Internal
408	6	6.3.2.A.2.2	request to delete "Prior to stacking, all manhole risers are required to undergo 70% compressive strength for a minimum of 72 hours."	Harvard Comments	"Prior to stacking, all manhole bases, riser sections, cone sections, adjusting rings, or any other structural component, shall have undergone a 70% compressive strength test at a minimum of 72 hours or for the duration as required based on concrete design mix used. Pre-cast components may provide documentation from the manufacturer of casting dates and subsequent compressive strength tests completed and/or required curing periods."	External
409	7	7.1.1.A.1	change 1 year to 2 years	Wayne Smith	change "for a period of two years" to "for a period of one year"	Internal
410	8	8.1.1	"previous customer discussions regarding being asked to provide engineering info on a site plan when the site plan is being sealed by an architect. can the difference of opinions be handled by referring to a Site Plan Submittal Package which references engineering related plan sheets and identifies what plan sheets this engineering info is on."	Karen Craver	included "The Site Plan itself shall be signed and sealed by a registered engineer or licensed architect licensed to practice in the state of Arizona."	Internal
411	8	8.1.1	"does this refer to the Code of Ordinances? if so, what is in it regarding SP development?"	Karen Craver	changed "City Code" to "City Code of Ordinances" the city code of ordinaces references site plans 13 times and therefore is a valid source of <i>some</i> information	Internal
412	8	8.1.1	included "Standalone utility and roadway contrsuction will not require a preliminary plat or site plan unless it is a part of a phased development"	Marty Crossland	Included	Internal
413	8	8.1.1.B	Fire department site plan notes were added to this section. the original section B was deleted because no easem,ent are necessary to be dedicatewd with a Site Plan review,	Marty Crossland	Included	Internal
414	8	8.1.1.C	Entire section was deleted as it was unnecessary	Marty Crossland	Included	Internal
415	8	8.1.1.C.1.a	"Approval of the project or some sort of acceptance/inspection sign off?"	Karen Craver	section deleted	Internal
416	8	8.1.1.C.1.a	add "(90 days on landscaping)"	Wayne Smith	revised	Internal
417	8	8.1.1.C.2.a	add "and separated on different plans" and "90 days"	Wayne Smith	revised	Internal
418	8	8.1.1.D	adding a section regarding fire department site plans	Michael Brune	revised	Internal (fire department)
419	8	8.1.2.A	adding language explaining the responsibilty of the City to collect refuse from all single family home subdivisions.	Marty Crossland	Included	Internal
420	8	8.1.2.C	Remove all standards related to refuse enclosures	Marty Crossland	removed	Internal
421	8	8.1.2.C.1	remove "by the individual users"	Adam Kurtz	revised	Internal
422	8	8.1.2.C.1	replacing the Utility Services with the City's Public Works Department	Marty Crossland	Included	Internal
423	8	8.1.2.C.2	include "& Commerical/Industrial Developments	Marty Crossland	incorporated	Internal
424	8	8.1.2.C.2.a	update language "recycling services with a licensed refuse hauler" and "maintained by the contractor provising the services (Goodyear City Code)	Adam Kurtz	revised	Internal
425	8	8.1.2.C.2.b	include "City's Solid Waste Design Standards at a minimum unless otherwise required by the refuse service provider. See the City's Public Works Department website for the Standards."	Marty Crossland	incorporated	Internal
426	8	8.1.2.C.2.f	providing exceptions to no obstructions within 20 ft of container stations	Marty Crossland	Included	Internal
427	8	8.1.2.C.3	inserting the collection service provider as another option for who should provide recycling and trash containers	Marty Crossland	Included	Internal
428	8	8.1.3.A.1	include "Please refer to the current IPC as adopted by the City for any connection requirements.Pool Drain Authorizations are required when discharging a pool. Please submit request in the Goodyear website address: https://goodyearaz.qscend.com/311 "	Marty Crossland	incorporated	Internal
429	8	8.1.3.B.1	include "facilities shall meet all requirements of the current IPC as adopted by the City."	Marty Crossland	incorporated	Internal
430	8	8.1.3.B.3	include "The interceptor shall be kept in good working order, cleaned and maintained on a frequency determined by manufacturer and City inspection."	Marty Crossland	incorporated	Internal
431	8	8.1.3.C.1.a	include "uses as determined by the current IPC as adopted by the City"	Marty Crossland	incorporated	Internal
432	8	8.1.3.C.1.b	include "Refer to City Ordinance 12A for interceptor requirements and sizing."	Marty Crossland	incorporated	Internal
433	8	8.1.3.D.1	after Preliminary Treatment Facilities, add "All industrial facilities shall complete and submit an Industrial Pretreatment Questionnaire ("IPQ"). After review of the IPQ, the City may require the further completion of a Wastewater Discharge Permit Application for pretreatment determination. Both documents are available upon request from Development Services."	Marty Crossland	incorporated	Internal
434	8	8.1.3.D.1.a	specify Chapter 12 A	Marty Crossland	incorporated	Internal
435	8	8.1.3.D.1.b	include "This requirement applies to both initial approval and any subsequent modifications. The approval of the plans and inspection of construction shall not relieve the owner from complying with, and achieving, discharge limits set by the City of federal standards provided in Code of Federal Regulations, Title 40, Part 403. The review of such plans and operating procedures shall in no way relieve the User from the responsibility of modifying such facilities as necessary to produce wastewater discharge acceptable to the City or federal standards."	Marty Crossland	incorporated	Internal
436	8	8.1.3.D.2.b.3	include "A flow monitoring device that will be certified for proper flow measurement, maintenance and service, including calibration per manufacturing standards."	Marty Crossland	incorporated	Internal
437	8	8.1.3.D.b	"probably should always be "or his/her designee.""	Karen Craver	changed everywhere in the document where City Engineer was referenced	Internal
438	8	8.1.5.A	"does this mean ladder access? how is the criteria established for ladders that are added after the completion of the buildings?"	Karen Craver	no change, this is verbatim from the fire code	Internal
439	8	8.1.5.B	"Gates allowing access (to/for only) fire access roads within the Property shall be wrought iron gates or be of a similar material and style and shall be consistent with other such gates found within the development. Chain-link fences and barriers with any sort of chains, including drop chains are prohibited."	Karen Craver	incorporated into the document as 8.1.5.B.4	Internal
440	8	8.1.5.B, 4a	"will they really need to only go to the office?"	Karen Craver	This is not verbatim in the fire code and therefore can be removed	Internal
441	8	8.1.5.B.1	Addition of "where a fire hydrant is located on the fire lane, the fire lane shall be a minimum of 26 feet wide."	Michael Brune	revised	Internal (fire department)

Item	Chapter	Section	Request	Requested by	Documents/Response	Internal or External Comment
442	8	8.1.5.C.10	"This seems overly restrictive for traffic calming. Should be discussed."	Karen Craver	This is specified in the firecode, and therefore should be left in the document.	Internal
443	8	8.1.5.C.6	"What about unique residential product with front driveways and the zoning ordinance says less than 5 or greater than 20? We have had to issue several waivers for this issue."	Karen Craver	This is not verbatim in the fire code and therefore can be removed	Internal
444	8	8.1.5.C.6	delete number 6, as it is not in the fire code	Michael Brune	revised	Internal (fire department)
445	8	8.1.5.C.8	language to specify how fire lanes should be marked for visibility sake	Marty Crossland	Included	Internal
446	8	8.1.5.C.9	"What about other options such as painted curb? Flexibility? This is way too frequent? Why 100 feet, what about residential homes with signs in front of them? What about a sign at the corner in residential settings?"	Karen Craver	This is specified in the firecode, and therefore should be left in the document.	Internal
447	8	8.1.5.C.9	inclusion of language around fire lanes and parking.	Michael Brune	revised	Internal (fire department)
448	8	8.1.5.C.9	including "Other speed restrictions implementations may be used, as approved by the fire department, sych as speed tables and speed bumps with breaks for fire truch wheel paths."	Marty Crossland	Included	Internal
449	8	8.1.5.D.2	Updating language around locks on private security gates in case of fire emergency	Michael Brune	revised	Internal (fire department)
450	8	8.1.5.D.2	including "Manually operated gates are to have an approved Fire Department lock installed to allow for opening of the gate in the event of an emergency. The gate shall be equipped with a means to install an owner's padlock to allow for opening of the gate without the Fire Department. "	Marty Crossland	Included	Internal
451	8	8.1.5.D.2.	include "Gates shall be an adequate distance from the traveling roadway as to not block traffic while waiting for the gate to open (18-20' minimum from back of curb)."	Marty Crossland	incorporated	Internal
452	8	8.1.5.B	"Replace 30 feet or greater" with "greater than 30 feet"	2017_EER comments	the change was made because "greater than 30 feet" is verbatim from the fire code	External
453	8	8.1.6	"This should be discussed as Planning has allowed exceptions in some instances. Overall wall issues within the city."	Karen Craver	just referring to the city zoning code	Internal
454	8	8.1.7	"Is this needed in this document?"	Karen Craver	kept in document, landscaping right of way is referenced in article 5-1 of the COG zoing ordinance	Internal
455	8	8.1.7	add " and maintain existing right-of-way"	Wayne Smith	revised	Internal
456	8	8.1.7	specify "adjacent" ROW landscaping is required	Marty Crossland	incorporated	Internal
457	9	9.1.2.A	inclusion of "Master Reports may be required if the subdivision is proposed to be phased"	Marty Crossland	Included	Internal
458	9	9.1.2.B.10	"remove "the" in the phrase "property or the acknowledging" "	Karen Craver	incorporated	Internal
459	9	9.1.2.B.10	adding "An ALTA Survey of the property(s) to be subdivided shall be provided to the City as a part of the review submittal. The ALTA survey shall not be older than 6 months from the date of submittal to the City."	Marty Crossland	Included	Internal
460	9	9.1.2.B.5	specifying that the top of a preliminary plat sheet may also be 34 inches by 22 inches	Marty Crossland	Included	Internal
461	9	9.1.2.C.10	including "with respective easements delineated and labeled, if applicable"	Marty Crossland	Included	Internal
462	9	9.1.2.C.15	"should PAD be pad so as not to be confused with a Planned Area Development?"	Christian Williams	PAD changed to pad	Internal
463	9	9.1.2.C.2	"replace "first sheet" with "cover sheet"'"	Karen Craver	incorporated for consistency sake	Internal
464	9	9.1.2.C.4	"provided general engineering email address"	Karen Craver	decided against providing the email with the rational that the email could change	Internal
465	9	9.1.2.C.5.a	including an email as a requirement in the lower right hand corner of the Preliminary Plat	Marty Crossland	Included	Internal
466	9	9.1.2.C.6	"B. 2. says Engineer or Surveyor, not Architect."	Karen Craver	removed architect from 9.1.2.C.6	Internal
467	9	9.1.2.C.7	"didn't see that tracts are defined anywhere previously."	Karen Craver	defined in 9.1.2.D.6	Internal
468	9	9.1.2.C.9	"add "Number of Tracts and Number of Parcels" so they do not have to be hand counted for reports"	Christian Williams	incorporated comment	Internal
469	9	9.1.2.D.12	"What about the Design Guidelines from Planning? and City's Zoning Ordinacnce and DG"	Karen Craver	added "or any approved design guideline"	Internal
470	9	9.1.2.D.17	"is this needed?"	Karen Craver	determined to be necessary in the document	Internal
471	9	9.1.2.D.17	"add "Article 5 of the City..""	Karen Craver	determined to be necessary in the document with the rational that the zoning ordinance's sectioning could change in the future. Need to keep references to outside documents unspecific	Internal
472	9	9.1.2.D.21	"Is there a definition somewhere for "hillside development area"? Is 15% the threshold? Can reference Code of Ordinances Chapter 15-3-9."	Ann Dolmage	added "as per the City Code of Ordinances". The section is consistent with the code of ordinances so all text was left as is	Internal
473	9	9.1.2.B.9	changing "within 30 days" to "no more than 120 days" (the 30 days does not account for city processing times)	Ethan Boyle	revised	External - Wood Patel
474	9	9.1.2.D.21.k	"What is an example of where this will or has been utilized? Can we remove this?"	Christian Williams	not referenced in parks master plan, removed	Internal
475	9	9.1.2.D.21.r	the addition of Geotechnical report as an option in place of a soils report	Marty Crossland	Included	Internal
476	9	9.1.2.D.22	"Is this duplicative in the Zoning Ordinance?"	Christian Williams	determined to be duplicative (9-1-2): removed from document	Internal
477	9	9.1.2.C.4	"add "The horizontal control datum to be used is North American Datum (NAD) 83, Arizona State Plane Coordinate System."	2017_EER comments	incorporated	External
478	9	9.1.2.D.24	including "unless public water and sewer are not available to serve the lots (remote areas of the City, as applicable"	Marty Crossland	Included	Internal
479	9	9.1.2.D.25	"public water?"	Karen Craver	changed to "public water and public sewer"	Internal
480	9	9.1.2.D.26	add "and follow the Design Guidelines"	Christian Williams	incorporate	Internal
481	9	9.1.2.D.5.b	including "The decision as to whether the utility is public or private shall be at the sole discretion of the City Engineer or his/her designee	Marty Crossland	Included	Internal
482	9	9.1.2.D.6	added "Lots and tracts shall not be split between platting phases and numbering and lettering shall reflect"	Marty Crossland	Included	Internal
483	9	9.1.2.D.9.b	specifying that the visibilty triangle should actually be referred to as the "visibility easement"	Marty Crossland	Included	Internal
484	9	9.1.3.A	including "no matter if they are being dedicated as a part of the plat or by separate instrument" and "In the instance that a previously approved and recorded Final Plat is being amended or further subdivided to where the end result has more than 10 lots or tracts. The amended Final Plat shall require an update of a previous Preliminary Plat or creation of a new Preliminary Plat per A.R.S. 9-463.01.U. "	Marty Crossland	Included	Internal
485	9	9.1.3.B	including "Significant differences between Preliminary Plat and Final plat include but may not be limited to changes in the overall plat boundary, +/- 3 lots and tracts, and interior street alignments."	Marty Crossland	Included	Internal

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486	9	9.1.3.B.7	including "An ALTA Survey of the property(s) to be subdivided shall be provided to the City as a part of the review submittal. The ALTA survey shall not be older than 6 months from the date of submittal to the City."	Marty Crossland	Included	Internal
487	9	9.1.3.C	addition of "For instance, if the Preliminary Plat is for "Sunshine Acres" the Final Plat may be named "Final Plat of Sunshine Acres" or "Final Plat of Sunshine Acres – Phase 1".	Marty Crossland	Included	Internal
488	9	9.1.3.C.10	"not #10"	Karen Craver	updated formatting	Internal
489	9	9.1.3.C.11	addition of "Acreage of ROW being dedicated shall also be quantified on the cover sheet. All references to acreage shall be identified to three decimal places (i.e. 0.215 acres)."	Marty Crossland	Included	Internal
490	9	9.1.3.C.12.d	included "Uses such as Private Street, Public Water, Public Sewer, etc. shall be listed in the Tract Table."	Marty Crossland	Included	Internal
491	9	9.1.3.C.18.a	added "Recordations involving City property shall have the City Manager sign as the Owner. Then City Engineer or his/her designee, Mayor and City Clerk will sign as stated above."	Marty Crossland	Included	Internal
492	9	9.1.3.C.6.b	addition of "Name must be in conformance with the Preliminary Plat"	Marty Crossland	Included	Internal
493	9	9.1.3.C.7	"inlue email as well?"	Christian Williams	decided against providing the email with the rational that the email could change	Internal
494	9	9.1.3.C.7	"architect"	Karen Craver	remove architect	Internal
495	9	9.1.3.D.11	"Centerline distances shall not extend through intersections and shall be shown as bisected with the intersecting street centerline."	Marty Crossland	Included	Internal
496	9	9.1.3.D.14	"A Special Warranty Deed conveyance may be required to ensure the transaction has been completed."	Marty Crossland	Included	Internal
497	9	9.1.3.D.4	"Lots and Tract numbering and lettering shall conform to the approved Preliminary Plat numbering and lettering."	Marty Crossland	Included	Internal
498	9	9.1.3.D.7	"Discrepancies between previously recorded documents and field measurements shall have the callouts (bearing or distance) list both with "(R1), (R2), etc." for recorded references used and "(M)" for field measurements to depict the discrepancy. A table listing the reference documents by callout (R1, R2, etc.), document name, recorded book and page shall be provided on the plat."	Marty Crossland	Included	Internal
499	9	9.1.4.B	deleted this section as it does not align with the current subdivision regulations	Marty Crossland	Included	Internal
500	9	9.1.5.	"A dedication in fee and an easement dedication may be completed on the same document if the grantor shares a common ownership and parcel."	Marty Crossland	Included	Internal
501	9	9.1.5.5	"Condominium Plats may be recorded after construction with field-verified dimensions and locations of exterior building wall edges serving as the property or lot line. This does not apply if City right-of-way or easements are being dedicated. TCO or CO for the development may not be issued if Condominium Plat and/or required rights-of-way and easements required for the development have not been recorded."	Marty Crossland	Included	Internal
502	9	9.1.7	"general email address"	Karen Craver	decided against providing the email with the rational that the email could change	Internal
503	9	9.1.7	"Legal descriptions for dedications by separate instrument shall be in a metes and bounds form. Terminations or Abandonments of a previous recorded instrument in its entirety will not require a legal description or exhibit to be provided. Partial terminations and abandonments shall have a legal description in metes and bounds form provided to the City with an exhibit depicting the limits of the requested partial termination or abandonment."	Marty Crossland	Included	Internal
504	9	9.1.8	"Please refer to the City's Subdivision Regulations (Zoning Ordinance) for a more specific list of applicable uses of a Minor Land Division."	Marty Crossland	Included	Internal
505	9	9.1.8.A	"Code of Ordinances, Chapter 15 Subdivision Regulations"	Karen Craver	determined need to keep references to outside documents unspecfic in block 2 meeting	Internal
506	9	9.1.8.A.13	"An ALTA Survey of the property(s) to be subdivided shall be provided to the City as a part of the review submittal. The ALTA survey shall not be older than 6 months from the date of submittal to the City."	Marty Crossland	Included	Internal
507	9	9.1.8.A.14	"his to his/her"	Christian Williams	changed to "his/her"	Internal
508	9	9.1.8.A.15.a	"and email"	Christian Williams	added "and email"	Internal
509	10	10.1.2	inclusion of "Submittals shall also include SWPPP, Landscaping and Irrigation sheets if they were a part of a single cover sheet submittal. No review or approval will be necessary for these sheets, this is only to keep the original cover sheet packet and number of sheets intact for record keeping purposes."	Marty Crossland	Included	Internal
510	10	10.1.2	specify that the Professional Engineer/Land Surveyor must be registered in the state of arizona	Marty Crossland	Included	Internal
511	10	10.1.2.L	include Asbuilt AutoCAD requirements. Include "All final as-built PDF drawings shall be accompanied by an AutoCAD file with the as-built adjustments made to the base file for all water, sewer, and storm sewer utility lines and structures. The AutoCAD file shall be named the same as the As-Built document with "AutoCAD" at the end of the file name."	Marty Crossland	Included	Internal
512	3200	3246-1	needs specficity	2017_EER comments	included F/C	External
513	3200	G-3236	standard does not reflect minimum drive depth for collectors stated in 4.1.4.E.2.b	Steve Scinto	revised 80' to 50'	Internal
514	3200	G-3242-2	Row line varies and is not represented well. 11.42 should be 11' maxiumum to match 3243-1.	Steve Scinto	deleted ROW line, changed 14.42 to 14. 6.42 minimum removed and unconfirmed.	Internal
515	5,6,7	5,6,7	there are inconsistent references to the engineering department and other departments where some capitalize the d in department. Others do not.	Kimley-horn	capitalized all cases of department where it referenced a specific department	Internal
516	5,6,7	5,6,7	city of engineer approval can include the city engineers designee	Kimley-horn	updated reference to "the City Engineer or his/her designee"	Internal
517	5,6,7	5,6,7	changing language from should to shall	Marty Crossland	updated	Internal
518	G-3100	G-3110	Remove "Microfilming"	Marty Crossland	updated	Internal
519	G-3100	G-3112	Delete bottom right table	Marty Crossland	updated	Internal
520	G-3100	G-3120	remove City Center Text and Diagram	Marty Crossland	updated	Internal
521	G-3100	G-3122	Curbing callout needs to be changed from MAG 220-A to "220-1 A." change reference from G-3216 to 3201.	Marty Crossland	updated references	Internal
522	G-3100	G-3122 - G3128	update referenece from G-3216 to G-3201	Marty Crossland	updated	Internal
523	G-3100	G-3124-2	On cross section C-C, update dimension from centerline to property line from 31 feet to 35 feet	Marty Crossland	updated to 35, need to update road dimension from 11 to 15	Internal
524	G-3100	G-3130	remove City Center Text and Diagram	Marty Crossland	updated	Internal
525	G-3100	G-3126	correct "stree" to "street"	2017_EER comments	corrected the spelling	External
526	G-3100	G-3160	delete detail	Marty Crossland	updated	Internal
527	G-3100	G-3161	delete detail	Marty Crossland	updated	Internal
528	G-3100	G-3162-1&2	Bollards at the back of the enclosures range from 4" to6.33" to 7.33" diameter, is there a reason for this difference?	Marty Crossland	Deleted Standard Details	Internal
529	G-3100	G-3164-1&2	Upper left note states poles are 6.33' diameter, this should be in inches. bottom right says "12 feet" this should be 12'	Marty Crossland	Deleted Standard Detail	Internal
530	G-3200	G-3209-1	"change to be consistent with Mesa's standard detail attached"	Kristin Zipprich		Internal

Item	Chapter	Section	Request	Requested by	Documents/Response	Internal or External Comment
531	G-3200	G-3210-2	add note "Dry utility installation zone for Scenic Arterials shall be the outer 10' of ROW when no PUE is present."	Marty Crossland	updated	Internal
532	G-3200	G-3209-3	update Detail references from G-3XXX to G-3209-4 etc.	2017_EER comments	incorporated references	External
533	G-3200	G-3216	included right turn deceleration lane specs	Gerardo Villarraga	included the 9" PCCP right turn lane	Internal
534	G-3200	G-3216	remove " with RAC overlay"	Marty Crossland	removed "with RAC overlay" as well as changed RAC labels to AC	Internal
535	G-3200	G-3216	changed to G-3201	Marty Crossland	updated	Internal
536	G-3200	G-3218	Consider removing 6" roll curb detail or changing to 4" roll curb, or referencing MAG	Tom Vassallo	needs discussion	Internal
537	G-3200	G-3230	Update notes. Remove Parkway and add planned or existing for median	Marty Crossland	updated	Internal
538	G-3200	G-3232	add "Driveway"	Marty Crossland	updated	Internal
539	G-3200	G-3236	35' should be the minimum, add reference to firelane	Marty Crossland	changed 35' to "35' minimum". Added firelane	Internal
540	G-3200	G-3242-1	added reference to note 8	Marty Crossland	updated	Internal
541	G-3200	G-3242-2	Cross section A-A - 1. Remove ROW line callout/label, as it varies and is not represented well, 2. Update 11.42' maximum to 14' maximum to match G-3242-1, 3. Verify 6.42' minimum on plan view - add label, if verified. Change "varies" to 10' MAX	Steve Scinto	updated	Internal
542	G-3200	G-3244-3	include "Ribbon curb requirement may be waived depending on duration of temporary use"	Marty Crossland	updated	Internal
543	G-3200	G-3250-1 to 12	replace with updated lightpole CAD files	Marty Crossland	updated	Internal
544	G-3200	G-3296-1 to 10	change G-XXXX to G-3296-17	Marty Crossland	updated	Internal
545	G-3300	G-3301	change Chapter 5.0 & 5.2 to Sections 5.1.5 and 5.2.5	Marty Crossland	updated	Internal
546	G-3300	G-3310	Add "...or any material on the City's Approved Materials List. Any non-conductive material (PexA) requires tracer wire." AND change Public Works to Water Services	Marty Crossland	updated	Internal
547	G-3300	G-3313-1	add 3 "	Marty Crossland	updated	Internal
548	G-3300	G-3313-3	add 3 "	Marty Crossland	updated	Internal
549	G-3300	G-3328	replace with updated CAD file	Marty Crossland	updated	Internal
550	G-3300	G-3334	change the supplier to the city of goodyear	Craig Lynch	changed "contractor" to "city of goodyear"	Internal
551	G-3300	G-3334	need to clarify which parts of the backflow assembly are supplied by the contractor	Craig Lynch	included "dimension" lines to show the extent of materials provided by the contractor	Internal
552	G-3300	G-3334	need additional clarifications	Craig Lynch	inclusion of #6 "all leaks shall be repaired within 24 hours of notice of leak", #7 "only city of goodyear staff shall operate the hydrant, hydrant valve, and meter gate valve. Hydrant meter assembly shall be installed and or moved by the city of goodyear only," and #8 " All setups shall comply with Chapter 14, Article 11 of the city codified ordinance for back flow control and cross-connection program."	Internal
553	G-3300	G-3334	language needs to be updated from gate valve to ball valve	Craig Lynch	inserted "the ball valve after" after the word "use" and deleted "gate valve"	Internal
554	G-3300	G-3334	backflow assembly needs to be tested after repairs are made	Craig Lynch	added testing after repairs to #1	Internal
555	G-3300	G-3338	Add "or Restrained Joints per MAG 303-2 to Note 1; change 150 to 350 in the pipe exhibit note.	Robert Silver	added referencve to Note 1 nd changed reference to 350	Internal
556	G-3300	G-3350	Need to insert language around protecting the tag number from being covered in paint	Craig Lynch	added "Serial number and model tags shall not be painted over and shall be protected during painting. Failure to do so may result in replacement of the components at the cost of the contractor/developer."	Internal
557	G-3300	G-3350	need to insert language around assembly standards	Craig Lynch	added " such that assembly can be maintained at all times"	Internal
558	G-3300	G-3350	need to insert language that includes caps	Craig Lynch	added "or caps" to the end of #4 in the list of materials	Internal
559	G-3300	G-3350	need flexibility around need for tampe switch	Craig Lynch	included "if necessary" to the end of #11	Internal
560	G-3300	G-3351	the ball valves are inaccurately represented as gate valves in the	Craig Lynch	updated the detail to reflect the symbology of a ball valve	Internal
561	G-3300	G-3351	change "a minimum and a maximum of" with "at"	Craig Lynch	updated #3 with the new language	Internal
562	G-3300	G-3351	remove #12 from the detail	Craig Lynch	removed #12 and updated #13 to #12	Internal
563	G-3300	G-3351	add caps to the language in #4 of the detail	Craig Lynch	added "or caps" before "installed"	Internal
564	G-3300	G-3352	include language to ensure that model tags and serial numbers are not covered with paint	Craig Lynch	Serial Number and Model tags shall not be painted over and shall be protected during painting. Failure to do so may result in replacement of the component(s) at the cost of the contractor/developer."	Internal
565	G-3300	G-3353	this standard detail is no longer correct. double check valve assmeblies are only permitted in fire lanes and they are greater than 2.5 feet	Craig Lynch	deleted the standard entirely	Internal
566	G-3300	G-3356	change the reference from G-3354 to G-3350	Craig Lynch	updated reference	Internal
567	G-3300	G-3357	Change detail to not include specific PAD dimensions since they change in size	Craig Lynch	changed specific dimension sizes to "Pad shall be the length and width of the cage plus 1-2" outside of cage dimensions. PAD shall be 3-3/4" thick"	Internal
568	G-3300	G-3360	standard detail outdated	Craig Lynch	to be deleted entirely	Internal
569	G-3300	G-3361	Delete this Standard Detail	Craig Lynch	deleted from final PDF	Internal
570	G-3400	G-3430-1&2	update reference to G-3429	Marty Crossland	updated	Internal
571	G-3400	G-3440	Remove top diagram of force main and remove number 1 in the notes	Pilar Avila	Removed	Internal
572	G-3400	G-3440	change 800' maximum to 500'	Pilar Avila	Changed language	Internal
573	G-3400	G-3440	Minimum vault dimensions should be specified	Pilar Avila	Inclusion of another note "Minimum vault dimensions of 3'W x 3'L x 5'D with double swing doors for access	Internal
574	G-3400	G-3441	Minimum vault dimensions should be specified	Pilar Avila	Inclusion of another note "Minimum vault dimensions of 3'W x 3'L x 5'D with double swing doors for access	Internal
575	G-3500	G-3535-2	delete note 8	Marty Crossland	updated	Internal
576	G-3500	G-3565	New Bubble Up Structure standard detail	Marty Crossland	updated	Internal
577	G-3600	G-3620-1	misspelled adjacent	Marty Crossland	corrected spelling	Internal
578	G-3600	G-3620-4	misspelled adjacent	Marty Crossland	corrected spelling	Internal