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0.1 Introduction

0.1.1 This section contains various forms, checklists and other materials to assist in the preparation and submittal of construction plans and reports to the City of Goodyear for approval and that must be completed and submitted to obtain any Construction Permit from the City of Goodyear.

0.1.2 Sub-section 0.7 “Clarifications, Corrections and Additions” addresses items in the Engineering Standards that were unclear, incorrect, conflicting, or omitted and that will be addressed during the next revision to the Engineering Standards.

0.2 Signature Blocks

0.2.1 Goodyear Certification Blocks

Following is the data certification block required on all plans:

DATA CERTIFICATION	
I HEREBY CERTIFY THAT THIS DESIGN IS BASED ON ACCURATE FIELD DATA WHICH HAS BEEN CHECKED IN THE FIELD PRIOR TO SUBMISSION OF THESE PLANS TO THE CITY FOR APPROVAL. BY DATE	(SEAL)

Following is the as-built certification block:

AS-BUILT CERTIFICATION	
I HEREBY CERTIFY THAT THE “AS-BUILT” INFORMATION SHOWN HEREON WAS OBTAINED UNDER MY DIRECT SUPERVISION AND IS CORRECT AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. BY DATE	(SEAL)

0.2.2 Goodyear Signature Blocks

All Goodyear signature block will be added to the plan set or report cover sheet electronically by the City plan review staff at the time of approval. Sufficient room shall be provided for the City approval stamps.

0.2.3 Other Signature Blocks

Contact Private Utility Companies (Liberty Water, Epcor, RID, BID, etc.) for approval blocks for plans within their respective service areas. Following is the MCESD approval block (required for water and sewer approval):

Maricopa County Environmental Services Department APPROVAL
BY: _____ DATE: _____

Following are final plat approval blocks:

FINAL PLAT APPROVAL
APPROVED BY THE CITY COUNCIL OF THE CITY OF GOODYEAR, ARIZONA THIS _____ DAY OF _____, 20___. BY: _____ MAYOR (NAME PRINTED) ATTEST:_____ CITY CLERK (NAME PRINTED)

FINAL PLAT APPROVAL
APPROVED BY THE CITY ENGINEER OF THE CITY OF GOODYEAR, ARIZONA THIS _____ DAY OF _____, 20___. BY: _____ CITY ENGINEER (NAME PRINTED)

Following Utility No Conflict Certification block shall be placed on all construction plans that construct underground improvements:

UTILITY NO CONFLICT CERTIFICATION				
Utility	Utility Company	Name of Company Representative	Telephone Number	Date Signed
Water				
Sewer				
Electric				
Telephone				
Natural Gas				
Cable TV				
other				
other				

Engineer's Certification I, being the person responsible for designing the facilities necessary to serve this development, hereby certify that all of the utility companies listed above have reviewed this project proposal and all conflicts have been resolved at this point. 'No Conflict' forms have been obtained from each utility company.	Seal & Sign

0.3 Checklists

Checklists to guide the development of improvement plans can be downloaded from the City of Goodyear website or obtained from the City Engineering Department. These Checklists include but are not limited to the following:

0.3.1 General Plan Review

0.3.2 Drainage Report

0.3.3 Mass Grading Plan Review

0.3.4 Grading and Drainage Plan Review

0.3.5 BMP Plan for Small Sites Plan Review

0.3.6 SWPPP for Large Sites Plan Review

0.3.7 Drywell Plan Review

0.3.8 Storm Drain Plan Review

0.3.9 Water Plan Review

0.3.10 Reclaimed Water Plan Review

0.3.11 Sewer Plan Review

0.3.12 Sewer Force Main Plan Review

0.3.13 Paving Plan Review

0.3.14 Signing and Striping Plan Review

0.3.15 Commercial Sites Plan Review

0.3.16 Fire Department Regulations Plan Review

0.3.17 Irrigation Plan Review

0.3.18 Street Light Plan Review

0.3.19 Traffic Signal Plan Review

0.3.20 Landscape Plan Review

0.3.21 Grading and Drainage for Custom Lots Plan Review

0.3.22 Sales Trailer Plan Review

0.3.23 As-Builts Plan Review

0.3.24 Amendments Plan Review

0.4 General Notes

0.4.1 General Notes for Construction

ALL plans for construction within the City of Goodyear Shall have the following shown on either the Cover Sheet or the Detail Sheet

CITY OF GOODYEAR
GENERAL NOTES FOR CONSTRUCTION

A. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION.
B. ALL CONSTRUCTION SHALL CONFORM TO THE CITY EDS&PM, CITY STANDARD DETAILS, AND CURRENT MAG UNIFORM STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION.
C. THIS SET OF PLANS HAS BEEN REVIEWED FOR COMPLIANCE WITH CITY REQUIREMENTS PRIOR TO ISSUANCE OF CONSTRUCTION PERMITS. HOWEVER, SUCH REVIEW SHALL NOT PREVENT THE CITY FROM REQUIRING CORRECTION OF ERRORS IN PLANS FOUND TO BE IN VIOLATION OF ANY LAW OR ORDINANCE.
D. THE CITY DOES NOT WARRANT ANY QUANITITIES SHOWN ON THESE PLANS.

E. THE CITY APPROVAL IS FOR GENERAL LAYOUT IN THE RIGHT-OF-WAY ONLY. THIS APPROVAL IS VALID FOR A PERIOD OF ONE YEAR. CONSTRUCTION PERMITS SHALL BE OBTAINED DURING THIS PERIOD OR THE PLANS SHALL BE RESUBMITTED FOR REVIEW AND APPROVAL.

F. AN APPROVED SET OF PLANS SHALL BE AVAILABLE ON THE JOB SITE AT ALL TIMES.

G. THE CITY CONSTRUCTION INSPECTOR SHALL BE NOTIFIED **48 HOURS** PRIOR TO ANY CONSTRUCTION WORK AND INSPECTIONS (623-882-7979). CONSTRUCTION WORK CONCEALED WITHOUT INSPECTION BY THE CITY CONSTRUCTION INSPECTOR SHALL BE SUBJECT TO EXPOSURE AT THE CONTRACTOR'S EXPENSE.

H. ANY WORK PERFORMED WITHOUT THE APPROVAL OF THE CITY ENGINEER, OR DESIGNEE, AND ANY WORK/MATERIAL NOT IN CONFORMANCE WITH CITY ENGINEERING STANDARDS IS SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.

I. RIGHT-OF-WAY IMPROVEMENTS SHALL NOT BE ACCEPTED UNTIL "AS-BUILT" PLANS HAVE BEEN SUBMITTED AND APPROVED BY THE CITY. (SEE AS-BUILT REQUIREMENTS)

J. THE DEVELOPER IS RESPONSIBLE FOR THE REMOVAL OR RELOCATION OF ALL OBSTRUCTIONS WITHIN THE RIGHT-OF-WAY PRIOR TO STARTING NEW CONSTRUCTION.

K. THE DEVELOPER IS RESPONSIBLE FOR ARRANGING THE RELOCATION AND ASSOCIATED COSTS OF ALL UTILITIES. A UTILITY RELOCATION SCHEDULE SHALL BE SUBMITTED PRIOR TO THE ISSUANCE OF PERMITS.

L. THE DEVELOPER IS RESPONSIBLE FOR OBTAINING OR DEDICATING ALL REQUIRED RIGHTS-OF-WAY AND EASEMENTS TO THE CITY PRIOR TO ISSUANCE OF PERMITS.

M. THE CONTRACTOR SHALL CONTACT BLUE STAKE (602-263-1100) AT LEAST **48 HOURS** PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL LOCATE ALL CONFLICTS PRIOR TO CONSTRUCTION.

N. THE CONTRACTOR SHALL BARRICADE CONSTRUCITON SITES AT ALL TIMES PER THE CITY OF PHOENIX TRAFFIC BARRICADE MANUAL. A TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE CITY FOR APPROVAL IN ADVANCE OF CONSTRUCTION.

O. POTABLE WATER IS NOT AVAILABLE FOR CONSTRUCTION USE OTHER THAN THE FILLING AND TESTING OF NEW LINES. THE UNLAWFUL REMOVAL OF WATER FROM A FIRE HYDRANT OR ANY OTHER SOURCE IS A VIOLATION OF THE MUNICIPAL CODE, PUNISHABLE BY FINE AND/OR IMPRISONMENT.

P. PRIOR TO MOVING OR DESTROYING PROTECTED NATIVE PLANT SPECIES, THE CONTRACTOR SHALL FILE A FORMAL NOTICE OF INTENT WITH THE ARIZONA DEPARTMENT OF AGRICULTURE (602-542-6408).

Q. THE CONTRACTOR SHALL COMPLY WITH THE ENVIRONMENTAL PROTECTION AGENCY NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) STORM WATER REQUIREMENTS ESTABLISHED FOR CONSTRUCTION SITES, ADEQ GENERAL PERMIT FOR DISCHARGE FROM CONSTRUCTION ACTIVITIES, AND THE CITY OF GOODYEAR STORM WATER MANAGEMENT PLAN.

R. NO PERSON SHALL USE ANY MECHANICAL EQUIPMENT FOR LAND LEVELING OR CLEARING, ROAD CONSTRUCTION, TRENCHING, EXCAVATING, DEMOLITION, NOR ENGAGE IN ANY EARTHMOVING ACTIVITY WITHOUT FIRST OBTAINING A PERMIT FROM THE MARICOPA COUNTY AIR QUALITY DEPARTMENT (602-506-0666), 1001 N. CENTRAL AVENUE, SUITE 150, PHOENIX, AZ 85003. (THIS NOTICE IS ISSUED PURSUANT TO A.R.S. 36-779.07, NOTICE OF BUILDING AGENCIES.)

S. THESE PLANS REFLECT CONDITONS AS THEY EXIST AT THE TIME OF DESIGN. IF EXISTING CONDITIONS HAVE CHANGED BY THE TIME OF CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE CITY AND THESE PLANS MAY HAVE TO BE AMENDED PRIOR TO PROCEEDING WITH CONSTRUCTION ACTIVITIES.

0.4.2 General Notes for Mass Grading

All plans for on-site Mass Grading shall have the following shown on either the Cover Sheet or the Detail Sheet.

CITY OF GOODYEAR
GENERAL NOTES FOR MASS GRADING

A. ALL GENERAL CONSTRUCTION NOTES SHALL APPLY.

B. RESULTANT DRAINAGE PATTERN FROM THIS MASS GRADING PLAN WILL NOT NEGATIVELY IMPACT ADJACENT PROPERTIES.

C. THE DEVELOPER ACKNOWLEDGES THAT THESE MASS GRADING PLANS ARE FOR ROUGH GRADING ONLY AND FINAL GRADING PLANS WILL BE REQUIRED PRIOR TO SUBSEQUENT PERMITS BEING ISSUED.

0.4.3 General Notes for Grading and Drainage Construction

All plans for on-site Grading and Drainage construction shall have the following shown on either the Cover Sheet or the Detail Sheet.

CITY OF GOODYEAR
GENERAL NOTES FOR GRADING AND DRAINAGE CONSTRUCTION

A. ALL GENERAL CONSTRUCTION NOTES SHALL APPLY.

B. FINISHED FLOOR ELEVATIONS SHALL BE A MINIMUM OF 18 INCHES ABOVE POINT OF OUTFALL. LOTS SHALL BE DESIGNED TO FALL TOWARDS THE STREET AT A GRADE NO LESS THAN ONE PERCENT.

C. A PERMIT IS REQUIRED FOR ANY ON-SITE GRADING.

D. A SEPARATE PERMIT IS REQUIRED FOR ANY GRADING RELATED TO OFF-SITE CONSTRUCTION.

E. STAKING PAD AND/OR FINISHED FLOOR ELEVATIONS ARE THE RESPONSIBILITY OF THE DEVELOPER OR HIS ENGINEER. IN A CRITICAL DRAINAGE AREA (FEMA ZONES A, AO, AH, A1-A33, AND A99), CERTIFICATION OF THE FINISHED BUILDING FLOOR OR STEM WALL ELEVATION SHALL BE SUBMITTED AND APPROVED PRIOR TO ANY VERTICAL CONSTRUCTION. IN NON-CRITICAL AREAS, THE DEVELOPER'S ENGINEER SHALL SUBMIT CERTIFICATIONS OF CONSTRUCTED BUILDING PAD ELEVATIONS PRIOR TO THE CITY'S ACCEPTANCE OF THE PROJECT.

F. THE CONTRACTOR SHALL COMPLY WITH THE APPROVED STORM WATER POLLUTION PREVENTION PLAN PREPARED IN ACCORDANCE WITH THE CITY'S GENERAL AZPDES STORM WATER PERMIT REQUIREMENTS.

G. THE GRADING CONTRACTOR SHALL DESIGNATE THE LOCATION FOR WASTING SPOIL MATERIALS AND OBTAIN A LETTER FROM THE OWNER GIVING PERMISSION FOR SAID DISPOSAL PRIOR TO STARTING ON-SITE CONSTRUCTION.

H. GRADING AND DRAINAGE PLAN APPROVAL INCLUDES RETENTION AND DETENTION AREAS, OTHER DRAINAGE FACILITIES AND CHANGES TOSURFACE GRADING AFFECTING DRAINAGE STRUCTURES, CURBS, ASPHALT PAVEMENT, AND BUILDING FLOOR ELEVATIONS.

I. THE CONTRACTOR SHALL PROVIDE ALL RETENTION AND DETENTION BASINS AT ELEVATIONS AS SHOWN ON THE PLANS. RETENTION BASINS SIDE SLOPES SHALL NOT EXCEED 4:1 ON PRIVATE PROPERTY OR 6:1 ADJACENT TO WALKWAYS OR AREAS DESIGNATED FOR PEDESTRIAN ACCESS AND PUBLIC RIGHTS-OF-WAY. RETENTION BASIN HIGH WATER ELEVATIONS SHALL NOT EXCEED 3-FOOT DEPTH ON PRIVATE PROPERTY OR 1.5-FOOT DEPTH WITHIN 10-FEET OF PUBLIC RIGHTS-OF-WAY. RETENTION IS NOT PERMITTED WITHIN PUBLIC RIGHTS-OF-WAY OR PUBLIC UTILITY EASEMENTS.

J. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND CONFIRMING DEPTHS OF ALL THE EXISTING UTILITY LINES WITHIN PROPOSED RETENTION BASIN AREAS. IF THE BASIN CANNOT BE CONSTRUCTED PER PLAN AS A RESULT OF CONFLICT WITH UNDERGROUND UTILITIES, THE CONTRACTOR SHOULD CONTACT THE CITY AND DESIGNER AND REQUEST MODIFICATION OF THE BASIN DESIGN.

K. "AS-BUILT" DRAWINGS (ONE SET OF PRINTS FOR EACH REVIEW AND A FINAL SET OF MYLARS), CERTIFIED BY THE DEVELOPER'S ENGINEER, SHALL BE SUBMITTED AND APPROVED PRIOR TO ISSUANCE OF A BUILDING "CERTIFICATE OF OCCUPANCY."

L. DEVELOPERS OF NEW PROJECTS SHALL PROVIDE FINANCIAL ASSURANCE IN A FORM AND AMOUNT ACCEPTABLE TO THE CITY TO COVER THE COST TO CORRECT ANY STORM WATER DRAINAGE OR DISPOSAL PROBLEMS THAT MAY ARISE DURING THE FIRST 5 YEARS FOLLOWING THE COMPLETION OF THE INITIAL PROJECT CONSTRUCTION. DURING THE 5-YEAR PERIOD, IF DISPOSAL METHODS IN USE ARE FOUND TO BE INSUFFICIENT TO DISPOSE OF RETAINED STORM WATER WITHIN A 36-HOUR PERIOD FOLLOWING A RAIN EVENT, THE DEVELOPER'S ENGINEER SHALL SUBMIT A CORRECTIVE ACTION PLAN TO THE CITY FOR REVIEW AND APPROVAL. THE SUBMITTED INFORMATION SHALL DEMONSTRATE MEASURES THAT WILL BE IMPLEMENTED TO CORRECT DEFICIENCIES IN THE SYSTEM. THE PLAN SHALL CONFORM TO THE REQUIREMENTS OF THESE GENERAL NOTES.

M. PRIOR TO THE ISSUANCE OF STORM DRAIN PERMITS, STREET SUBGRADE ELEVATIONS SHALL BE GRADED TO WITHIN 0.5 FEET OF THE APPROVED PAVING PLANS; OPEN SPACES, TRACTS, AND RIGHTS-OF-WAY ELEVATIONS GRADED TO WITHIN 0.3 FEET OF APPROVED GRADING PLAN ELEVATIONS; AND PADS CERTIFIED TO BE AT OR +0.1 FOOT ABOVE THE PAD ELEVATIONS AS SHOWN ON THE APPROVED GRADING PLANS.

0.4.3.1 Additional General Notes for Grading and Drainage Construction when Drywells are utilized.

All plans for on-site Grading and Drainage construction in which drywells are used shall have the following shown:

A. DRYWELLS THAT CEASE TO DRAIN A FACILITY WITHIN 36 HOURS OF A STORM EVENT SHALL BE REPLACED OR REFURBISHED BY THE OWNER WITH A NEW ONE(S) WHERE POSITIVE GRAVITY OUTLET METHODS OF DISPOSAL ARE STILL NOT AVAILABLE. SUCH A REQUIREMENT SHALL BE WRITTEN INTO THE CONDITIONS COVENANTS & RESTRICTIONS FOR ALL SUBDIVISIONS WHERE DRYWELLS ARE USED TO DRAIN STORM WATER STORAGE FACILITIES.

B. A PERCOLATION TEST SHALL BE PERFORMED ON THE DRYWELL TO VERIFY THAT DESIGN PERCOLATION RATES HAVE BEEN ACHIEVED. A COPY OF THE REPORT SHALL BE SUBMITTED TO THE CITY PRIOR TO FINAL APPROVAL OF THE GRADING AND DRAINAGE AND DRYWELL CONSTRUCTION FOR THE PROJECT. TEST WATER SHALL BE POTABLE WATER ONLY.

C. DRYWELLS WITH BORE LOGS THAT INDICATE GREATER THAN 10 FEET OF PERMEABLE SOIL HAS BEEN PENETRATED AS DETERMINED BY A GEOTECHNICAL ENGINEER SHALL NOT REQUIRE A PERCOLATION TEST.

D. DRYWELLS SHALL NOT BE USED FOR PROJECTS THAT WOULD REQUIRE A DRYWELL AQUIFER PROTECTION PERMIT FROM ADEQ, WHICH INLCUDES BUT IS NOT LIMITED TO THE USE, STORAGE, LOADING, OR TREATMENT OF HAZARDOUS OR TOXIC MATERIALS.

E. DRYWELLS SHALL NOT BE USED IF THERE ARE HAZARDOUS MATERIALS THAT WILL NEGATIVELY IMPACT ANY DRYWELL INSTALLATION WITH IN THE DRAINAGE AREA.

F. THE DEVELOPER SHALL BE RESPONSIBLE FOR THE REPAIR AND MAINTENANCE OF THE DRYWELL DISPOSAL SYSTEM FOR A PERIOD OF 5 YEARS AFTER INSTALLATION. DURING THE 5-YEAR PERIOD IF DISPOSAL METHODS IN USE ARE FOUND TO BE INSUFFICIENT TO DISPOSE RETAINED STORM WATER WITHIN A 36-HOUR PERIOD FOLLOWING A RAIN EVENT, THE DEVELOPER'S ENGINEER SHALL SUBMIT A CORRECTIVE ACTION PLAN TO THE CITY FOR REVIEW AND APPROVAL.

0.4.4 General Notes for BMP Plan, Small Sites

All BMP Plans for Small Sites shall have the following notes shown on the BMP plan sheet or BMP detail sheet.

CITY OF GOODYEAR
GENERAL NOTES FOR BMP PLAN, SMALL SITES

A. ALL GENERAL CONSTRUCTION NOTES SHALL APPLY.

B. APPROVAL OF THIS DOCUMENT INDICATES THE CITY OF GOODYEAR ENGINEERING DEPARTMENT HAS REVIEWED AND FOUND THIS TO BE IN GENERAL COMPLIANCE WITH THE CITY'S STORMWATER MANAGEMENT PLAN AND THAT THE CITY OF GOODYEAR IS AT NO TIME RESPONSIBLE FOR THE APPLICANT'S/OPERATOR'S DUTIES TO COMPLY WITH ANY FEDERAL, STATE, OR LOCAL LAW OR ORDINANCE.

C. A CITY OF GOODYEAR CONSTRUCTION STORMWATER PERMIT AND A GRADING AND DRAINAGE PERMIT ARE REQUIRED PRIOR TO PERFORMING ANY LAND DISTURBANCE ACTIVITIES. A COPY OF THE PERMITS AND APPROVED PLANS SHALL BE MAINTAINED ON-SITE.

D. THE FACILITIES SHOWN ON THIS PLAN SHALL BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT-LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM OR VIOLATE APPLICABLE WATER STANDARDS. ADDITIONALLY, THEY SHALL BE INSTALLED AND IN OPERATION PRIOR TO ANY GRADING OR LAND CLEARING. WHEREVER POSSIBLE, NATURAL VEGETATION SHALL BE MAINTAINED TO ASSIST IN SILT CONTROL.

E. CONSTRUCTION SHALL BE PERFORMED IN SUCH A MANNER SO THAT STORMWATER DISCHARGES DO NOT CAUSE ANY FLOODING OR DAMAGE TO ADJACENT PROPERTIES OR FLOWS OF SEDIMENT ONTO PUBLIC STREETS, SIDEWALKS, DRAINAGE CHANNELS, PUBLIC UTILITY EASEMENTS OR RIGHTS-OF-WAYS.

F. FACILITIES SHALL BE MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONALITY. IN ADDITION, ALL CONTROLS SHALL BE MAINTAINED IN SATISFACTORY CONDITION UNTIL SUCH TIME THAT CONSTRUCTION IS COMPLETED, PERMANENT DRAINAGE FACILITIES ARE OPERATIONAL, AND THE POTENTIAL FOR EROSION HAS PASSED.

G. THE PLANS SHALL BE AMENDED AS NECESSARY DURING THE COURSE OF CONSTRUCTION TO RESOLVE ANY PROBLEM AREAS, WHICH BECOME EVIDENT DURING CONSTRUCTION, ROUTINE INSPECTIONS, AND/OR PERIODS OF RAINFALL. IF IT IS DETERMINED THAT CURRENT CONTROLS ARE NOT EFFECTIVE AT MINIMIZING POLLUTANT DISCHARGES FROM THE SITE, IMMEDIATE EFFORTS SHALL BE MADE TO CORRECT THE PROBLEM WITHIN 72 HOURS AND/OR PRIOR TO THE NEXT RAIN EVENT. THE AMENDED PLAN SHALL BE MAINTAINED ON-SITE.

H. IF AT ANY TIME, THIS SITE BECOMES IMPACTED BY OTHER CONSTRUCTION, STORMWATER POLLUTION PREVENTION ACTIVITIES SHALL BE COORDINATED BETWEEN THE SITES AND DOCUMENTED ON THE PLANS.

I. PROPERTY THROUGH WHICH A WATERCOURSE PASSES SHALL BE KEPT FREE OF CONSTRUCTION MATERIALS, TRASH, DEBRIS, EXCESSIVE VEGETATION, AND OTHER OBSTACLES OR SUBSTANCES WHICH WOULD POLLUTE, CONTAMINATE, OR SIGNIFICANTLY RETARD OR DIVERT THE FLOW OF STORMWATER THROUGH THE PROPERTY.

J. NO CONSTRUCTION MATERIAL, INCLUDING PORTABLE TOILETS SHALL BE STORED ON ANY PORTION OF ANY STREET, SIDEWALK, RIGHT-OF-WAY OR EASEMENT, OR WITHIN 50 FEET OF ANY DRAINAGEWAY.

K. THE SITE SHALL AT ALL TIMES REMAIN FREE OF LOOSE TRASH AND DEBRIS. APPROPRIATELY SIZED COVERED WASTE RECEPTACLES SHALL BE PROVIDED ONSITE AND STORED A MINIMUM OF 50 FEET FROM ANY DRAINAGEWAY OR DRAINAGE INLET.

0.4.5 General Notes for Storm Water Pollution Prevention, Large Sites

All plans for Storm Water Pollution Prevention, Large Sites shall have the following shown on either the Cover Sheet or the Detail Sheet.

CITY OF GOODYEAR
GENERAL NOTES FOR STORM WATER POLLUTION PREVENTION, LARGE SITES

A. ALL GENERAL CONSTRUCTION NOTES SHALL APPLY.

B. APPROVAL OF THIS DOCUMENT INDICATES THE CITY OF GOODYEAR ENGINEERING DEPARTMENT HAS REVIEWED AND FOUND THIS TO BE IN GENERAL COMPLIANCE WITH THE CITY'S STORMWATER MANAGEMENT PLAN AND THAT THE CITY OF GOODYEAR IS AT NO TIME RESPONSIBLE FOR THE APPLICANT'S/OPERATOR'S DUTIES TO COMPLY WITH ANY FEDERAL, STATE, OR LOCAL LAW OR ORDINANCE.

C. IT IS THE OPERATOR'S RESPONSIBILITY TO ENSURE THE SWPPP IS MAINTAINED IN COMPLANCE WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS. THIS INCLUDES IMPLEMENTATION, CONSTRUCTION, INSPECTION, MAINTENANCE, REPLACEMENT, UPGRADING OF FACILITIES AND RECORD MANAGEMENT. ANY VIOLATIONS AND FINES ARE THE RESPONSIBILITY OF THE OWNER/OPERATOR AND/OR SITE CONTRACTOR.

D. A CITY OF GOODYEAR CONSTRUCTION STORM WATER PERMIT AND A GRADING AND DRAINAGE PERMIT ARE REQUIRED PRIOR TO PERFORMING ANY LAND DISTURBANCE ACTIVITIES. A COPY OF THE PERMITS AND APPROVED PLANS SHALL BE MAINTAINED ON-SITE.

E. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND CONFIRMING THE DEPTH OF EXISTING UTILITY LINES WITHIN PROPOSED SEDIMENT AND RETENTION BASIN AREAS. IF A BASIN CANNOT BE CONSTRUCTED PER PLAN AS A RESULT OF CONFLICT WITH UNDERGROUND UTILITIES, THE CONTRACTOR SHALL CALL THE CITY AND DESIGNER AND REQUEST MODIFICATION OF THE BASIN DESIGN.

F. BMPS SHALL BE INSTALLED IN SUCH A MANNER SO THAT STORMWATER DISCHARGES DO NOT CAUSE ANY FLOODING OR DAMAGE TO ADJACENT PROPERTIES OR FLOWS OF SEDIMENT ONTO PUBLIC STREETS, SIDEWALKS, DRAINAGE CHANNELS, OR RIGHTS-OF-WAYS.

G. A COPY OF THE APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP), NOTICE OF INTENT (NOI) AND ALL RELATED RECORDS SHALL BE MAINTAINED ON THE SITE AND AVAILABLE FOR REVIEW UPON REQUEST TO THE ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY (ADEQ) AND THE CITY OF GOODYEAR. THE CITY OF GOODYEAR MAY AT ANY TIME PERFORM A COMPLIANCE INSPECTION OF THE SITE.

H. THE OPERATOR SHALL POST THE ADEQ AUTHORIZATION NUMBER(S) IN A CONSPICUOUS LOCATION NEAR THE MAIN ENTRANCE OF THE CONSTRUCTION SITE AND RETAIN A COPY OF THE AUTHORIZATION CERTIFICATE WITH THE SWPPP.

I. THE FACILITIES SHOWN ON THIS PLAN SHALL BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT-LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM OR VIOLATE APPLICABLE WATER STANDARDS. ADDITIONALLY, THEY SHALL BE INSTALLED AND IN OPERATION PRIOR TO ANY GRADING OR LAND CLEARING. WHEREVER POSSIBLE, NATURAL VEGETATION SHALL BE MAINTAINED TO ASSIST IN SILT CONTROL.

J. THE OPERATOR SHALL PERFORM, AT A MINUMUM, A VISUAL INSPECTION OF THE CONSTRUCTION SITE ONCE EVERY SEVEN CALENDAR DAYS OR ONCE EVERY 14 CALENDAR DAYS AND WITHIN 24 HOURS OF ANY RAIN EVENT GREATER THAN OR EQUAL TO 1/2-INCH AS RECORDED BY THE CLOSEST FLOOD CONTROL DISTRICT OF MARICOPA COUNTY RAIN GAGE. IF WITHIN 1/4 MILE OF AN IMPAIRED WATER, INSPECTIONS SHALL BE PERFORMED AT A MINIMUM OF ONCE EVERY SEVEN CALENDAR DAYS AND SHOULD INCLUDE VISUAL OBSERVATIONS OF STORM WATER DISCHARGES AT ALL DISCHARGE LOCATIONS WITHIN ONE BUSINESS DAY AFTER EACH RAIN EVENT OF 1/2-INCH OR GREATER, AS RECORDED BY THE CLOSEST FLOOD CONTROL DISTRICT OF MARICOPA COUNTY RAIN GAGE. THE OPERATOR SHALL PREPARE A REPORT DOCUMENTING HIS/HER FINDINGS ON THE CONDITIONS OF THE SWPPP CONTROLS AND NOTE ANY EROSION PROBLEM AREAS. THE OPERATOR'S REPORT IS TO BE MAINTAINED ON SITE BY THE OPERATOR.

K. THE OPERATOR OF THE SITE SHALL ALSO MAINTAIN RECORDS WITH THE FOLLOWING INFORMATION:

1. THE DATES WHEN MAJOR GRADING ACTIVITIES OCCUR IN A PARTICULAR AREA; AND
2. THE DATES WHEN CONSTRUCTION ACTIVITIES CEASE IN AN AREA, TEMPORARILY OR PERMANENTLY; AND
3. THE DATES WHEN AN AREA IS STABILIZED, TEMPORARILY OR PERMANENTLY; AND
4. THE DATES OF MAINTENANCE/REPLACEMENT OR REMOVAL OF BEST MANAGEMENT PRACTICES (BMPS).

L. FACILITIES SHALL BE MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING. IN ADDITION, ALL CONTROLS AS OUTLINED IN THE SWPPP SHALL BE MAINTAINED IN A SATISFACTORY CONDITION UNTIL SUCH TIME THAT CONSTRUCTION IS COMPLETED, PERMANENT DRAINAGE FACILITIES ARE OPERATIONAL, AND THE POTENTIAL FOR EROSION HAS PASSED.

M. THE OPERATOR SHALL AMEND THE SWPPP AS NECESSARY DURING THE COURSE OF CONSTRUCTION TO RESOLVE ANY PROBLEM AREAS WHICH BECOME EVIDENT DURING CONSTRUCTION, ROUTINE INSPECTIONS, AND/OR PERIODS OF RAINFALL. IF IT IS DETERMINED THAT CURRENT CONTROLS ARE NOT EFFECTIVE AT MINIMIZING POLLUTANT DISCHARGES FROM THE SITE, THE OPERATOR SHALL TAKE IMMEDIATE EFFORTS TO CORRECT THE PROBLEM WITHIN 72 HOURS AND/OR PRIOR TO THE NEXT RAIN EVENT. THE AMENDED PLAN SHALL BE MAINTAINED ON-SITE AND IF REQUIRED, SUBMITTED WITHIN 15 CALENDAR DAYS TO ADEQ.

N. IF, AT ANY TIME, THIS SITE BECOMES IMPACTED BY OTHER CONSTRUCTION, STORM WATER POLLUTION PREVENTION ACTIVITIES SHALL BE COORDINATED BETWEEN THE SITES AND DOCUMENTED IN THE PROJECT SWPPP.

O. ONCE CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED AND THE SITE HAS MET FINAL STABILIZATION REQUIREMENTS WITH ALL TEMPORARY BMP's REMOVED, THE AUTHORIZED SITE REPRESENTATIVE MAY FILE A NOTICE OF TERMINATION (*NOT*) WITH ADEQ, WITH A COPY SUBMITTED TO THE CITY OF GOODYEAR ENGINEERING DEPARTMENT.

P. THE OPERATOR SHALL SUBMIT A COPY OF THE ADEQ *NOT* ACKNOWLEDGEMENT LETTER TO THE CITY, WHICH WILL EFFECTIVELY TERMINATE COVERAGE UNDER THE CONSTRUCTION STORMWATER PERMIT ISSUED BY THE CITY.

0.4.6 General Notes for Water Main Construction

All plans for water main construction within right-of-way or easements shall have the following shown on either the Cover Sheet or the Detail Sheet.

CITY OF GOODYEAR
GENERAL NOTES FOR WATER MAIN CONSTRUCTION

A. ALL GENERAL CONSTRUCTION NOTES SHALL APPLY.

B. ALL CONSTRUCTION SHALL CONFORM TO THE CITY EDS&PM, CITY STANDARD DETAILS, AND CURRENT MAG UNIFORM STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION.

C. CITY OF GOODYEAR INSPECTORS SHALL BE NOTIFIED **48-HOURS** PRIOR TO STARTING EACH PHASE OF CONSTRUCTION, AND EACH INSPECTION REQUESTED (623-882-7979).

D. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND ELEVATION OF ANY UTILITY LINES BEFORE STARTING CONSTRUCTION. IF THE EXISTING LINE IS FOUND TO BE IN A SUBSTANTIALLY DIFFERENT LOCATION, OR WILL ADVERSELY AFFECT THE OPERATION OF THE UTILITY, THE CONTRACTOR SHALL NOTIFY THE CITY OF GOODYEAR PRIOR TO MAKING THE CONNECTIONS. AMENDMENTS TO THE PLANS MAY BE REQUIRED PRIOR TO PROCEEDING WITH CONSTRUCTION ACTIVITIES.

E. THE CITY OF GOODYEAR IS NOT LIABLE FOR DELAYS OR DAMAGES TO UTILITIES RELATED TO THIS CONSTRUCTION.

F. AS-BUILT DRAWINGS (ONE SET OF PRINTS FOR EACH REVIEW AND A FINAL SET OF MYLARS), CERTIFIED BY THE DEVELOPER'S ENGINEER, SHALL BE SUBMITTED TO AND ACCEPTED BY THE CITY ENGINEER BEFORE FINAL ACCEPTANCE OF THE WORK. SEE AS-BUILT REQIREMENTS.

G. BACKFILLING SHALL NOT BE DONE UNTIL LINES ARE INSPECTED AND APPROVED BY THE CITY CONSTRUCTION INSPECTOR.

H. MATERIALS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR ACCORDING TO THE CITY'S APPROVED MATERIALS LIST, EDS&PM CITY STANDARD DETAILS AND MAG UNIFORM STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION. THE APPROVED MATERIALS LIST IS AVAILABLE ON THE CITY WEBSITE OR FROM THE CITY ENGINEERING DEPARTMENT.

I. ALL SERVICE LINES SHALL BE TYPE K COPPER PIPE OR TUBING. THE MINIMUM SIZE SERVICE SHALL BE ONE-INCH. SERVICE LINES SHALL BE CONTINUOUS UNDER PAVEMENT WITHOUT A CONNECTION OR EXTENSION.

J. ALL TAPS SHALL USE ALL BRONZE DOUBLE STRAP SERVICE SADDLES.

K. THE DEVELOPER IS TO INSTALL ALL TAPS AND METER BOXES. THE TAP SHALL TERMINATE WITH AN ANGLE METER VALVE WITHIN THE METER BOX PER CITY STANDARDS.

L. METERS SHALL BE FURNISHED AND INSTALLED BY THE UTILITY AGENCY AFTER PAYMENT OF ALL PREVAILING FEES.

M. METERS WILL ONLY BE INSTALLED IF:

1. ALL BACTERIOLOGICAL TESTS AND A COUNTY APPROVAL OF CONSTRUCTION (AOC) LETTER HAVE BEEN RECEIVED.
2. CURB AND GUTTER HAS BEEN CONSTRUCTED AND THE METER BOX IS INSTALLED TO THE SPECIFIED GRADE PER PLANS.
3. THE LOT NUMBER AND ADDRESS ARE CLEARLY POSTED.
4. THE METER BOX IS VISIBLE AND FREE OF OBSTRUCTION AND DAMAGE.
5. THE METER BOX AND LID ARE PER THE CITY APPROVED MATERIALS LIST.
6. THE METER BOX AND LID ARE OF THE CORRECT SIZE.
7. THE SERVICE LINES AND CONNECTIONS ARE FREE OF LEAKS.

N. PAVEMENT REPLACEMENTS SHALL BE MADE PER THE CITY EDS&PM, CITY STANDARD DETAILS, AND MAG UNIFORM STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION.

O. ALL WATER SERVICE CONNECTIONS SHALL BE EXTENDED A SUFFICIENT DISTANCE ACROSS THE RIGHT-OF-WAY TO CLEAR ALL FACILITIES TO BE INSTALLED IN PUBLIC UTILITY EASEMENTS PARALLELING STREET RIGHT-OF-WAY.

P. TRACER WIRE SHALL BE INSTALLED ON ALL PRIVATE PVC WATER LINES LARGER THAN 6 INCHES.

Q. ALL WATER LINES 12 INCHES AND LARGER AND RECLAIMED WATER LINES SHALL BE MARKED WITH LOCATING TAPE ONE FOOT ABOVE THE MAIN.

R. ALL CHANGES IN DIRECTION OF WATER LINES 6 INCHES AND LARGER SHALL BE MARKED WITH AN ELECTRONIC MARKER. ELECTRONIC MARKER SHALL BE A SELF-LEVELING TYPE AND OPERATE ON A FREQUENCY OF 145.7 KHZ UP TO A DEPTH OF 4 FEET.

S. PRIOR TO THE ISSUANCE OF WATER PERMITS, STREET SUBGRADE ELEVATIONS SHALL BE GRADED TO WITHIN 0.5 FEET OF THE APPROVED PAVING PLANS; OPEN SPACES, TRACTS, AND RIGHTS-OR-WAYS ELEVATIONS GRADED TO WITHIN 0.3 FEET OF APPROVED GRADING PLAN ELEVATIONS; AND PADS CERTIFIED TO BE AT OR +0.1 FEET ABOVE THE PAD ELEVATIONS AS SHOWN ON THE APPROVED GRADING PLANS.

T. PRIVATE ON-SITE WATER AND SEWER LINES SHALL BE CONSTRUCTED IN ACCORDANCE WITH ALL APPLICABLE CITY STANDARDS.

U. ALL DUCTILE IRON WATER LINES LARGER THAN 12 INCHES IN DIAMETER SHALL BE ENCASED IN POLYETHYLENE WRAP PER MAG STANDARD AND MANUFACTURER SPECIFICATIONS.

V. THE CONTRACTOR MUST REQUEST A METER FOR FILLING AND TESTING OF NEW WATER LINES FROM THEIR ASSIGNED CITY CONSTRUCTION INSPECTOR. THIS METER SHOULD BE ORDERED TWO WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.

0.4.7 General Notes for Sewer Main Construction

All plans for sewer main construction within right-of-way or easements shall have the following shown on either the Cover Sheet or the Detail Sheet.

CITY OF GOODYEAR
GENERAL NOTES FOR SEWER MAIN CONSTRUCTION

A. ALL GENERAL CONSTRUCTION NOTES SHALL APPLY.

B. CONTRACTOR WILL EXPOSE ANY LINES BEING TIED INTO, TO VERIFY LOCATION.

C. THE CITY IS NOT LIABLE FOR DELAYS OR DAMAGES TO UTILITIES RELATED TO THIS CONSTRUCITON.

D. AS-BUILT DRAWINGS (ONE SET OF PRINTS FOR EACH REVIEW AND A FINAL SET OF MYLARS), CERTIFIED BY THE DEVELOPER'S ENGINEER, SHALL BE SUBMITTED TO AND ACCEPTED BY THE CITY ENGINEER BEFORE FINAL ACCEPTANCE OF THE WORK. SEE AS-BUILT REQUIREMENTS.

E. BACKFILLING SHALL NOT BE DONE UNTIL LINES ARE INSPECTED AND APPROVED BY THE CITY CONSTRUCTION INSPECTOR.

F. PAVEMENT REPLACEMENTS SHALL BE MADE PER THE CITY EDS&PM, CITY STANDARD DETAILS, AND MAG UNIFORM STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION.

G. PVC SEWER PIPE MAY BE USED AS AN ALTERNATIVE FOR VITRIFIED CLAY SEWER PIPE IN ACCORDANCE WITH MAG SPECIFICATION SECTION 745 FOR SIZES THROUGH 15-INCH WITH THE FOLLOWING **ADDITION:** 745.8 INSTALLATION AND TESTING: INSTALLATION MUST ALSO COMPLY WITH STANDARD SPECIFICATION (ASTM D 2321). SHORT TERM DEFLECTION TESTING SHALL BE PERFORMED ON THE TOTAL FOOTAGE, AFTER COMPLETE BACKFILL AND COMPACTION, BUT PRIOR TO THE INSTALLATION OF FINISHED SURFACE MATERIAL. ADDITIONAL TESTING MAY BE REQUIRED. A SHORT TERM DEFLECTION IN EXCESS OF FIVE PERCENT SHALL BE CONSIDERED UNSERVICEABLE AND SHALL BE REPAIRED OR REPLACED AND RETESTED.

H. A VISUAL INSPECTION OF THE INTERIOR OF THE SEWER LINE USING A TELEVISION CAMERA WILL BE PERFORMED ON THE TOTAL FOOTAGE OF ALL SEWER LINES, AFTER COMPLETE BACKFILL AND COMPACTION, BUT PRIOR TO THE INSTALLATION OF FINISHED SURFACE MATERIAL. ANY PORTION CONSIDERED UNSERVICEABLE BY THE CITY SHALL BE REPAIRED OR REPLACED AND RETESTED AT NO ADDITIONAL COST TO THE CITY AND RETESTED. TWO (2) COPIES OF THE DVD OF THE SEWER LINE AND REPORT OF OBSERVATINS SHALL BE PROVIDED TO THE CITY FOR INSPECTION AND PERMANENT RECORD. ALL EXPENSES FOR VISUAL INSPECTION USING TELEVISION CAMERA IS THE RESPONSIBILITY OF THE CONTRACTOR.

I. ALL MANHOLE RINGS AND LIDS SHALL BE CAST IRON, LIDS SHALL BE IMPRINTED "CITY OF GOODYEAR SANITARY SEWER."

J. ALL TAPS SHALL BE WYE TYPE.

K. SEWER TAPS MUST BE A MINIMUM OF 4.5 FEET DEEP AT PROPERTY LINES.

L. ALL SEWER SERVICE CONNECTIONS SHALL BE EXTENDED A SUFFICIENT DISTANCE ACROSS RIGHT-OF-WAY TO CLEAR ALL FACILITIES TO BE INSTALLED IN PUBLIC UTILITY EASEMENTS PARALLELING THE RIGHT-OF-WAY.

M. TRACER WIRE SHALL BE INSTALLED ON ALL PRIVATE PVC SEWER LINES.

N. ALL SANITARY SEWER MANHOLES SHALL BE TESTED IN ACCORDANCE WITH ASTM C-1244-93 (PER ARIZONA REVISED STATUTE A.R.S. R18-9-E301.D.3.f.ii).

O. ALL SANITARY SEWER MANHOLES SHALL BE COATED WITH A CORROSION RESISTANT COATING AND TREATED WITH AN INSECTICIDE THAT ARE LISTED IN THE CITY'S SEWER APPROVED MATERIALS LIST. RE-APPLICATION OF CORROSION RESISTANT COATING AND INSECTICIDE MUST BE PERFORMED AFTER MODIFICATION TO EXISTING MANHOLES SUCH AS NEW STUBS OR MANHOLE EXTENSIONS ARE DONE.

P. PRIOR TO THE ISSUANCE OF SEWER PERMITS, STREET SUBGRADE ELEVATIONS SHALL BE GRADED TO WITHIN 0.5 FEET OF THE APPROVED PAVING PLANS; OPEN SPACES, TRACTS, AND RIGHTS-OR-WAYS ELEVATIONS GRADED TO WITHIN 0.3 FEET OF APPROVED GRADING PLAN ELEVATIONS OR SUBGRADE BULE-TOP STAKES ARE SET AT MINIMUM 100 FOOT INTERVALS BY A SURVEYOR; AND PADS CERTIFIED TO BE AT OR +0.1 FEET ABOVE THE PAD ELEVATIONS AS SHOWN ON THE APPROVED GRADING PLANS.

Q. PRIVATE ON-SITE WATER AND SEWER LINES SHALL BE CONSTRUCTED IN ACCORDANCE WITH ALL APPLICABLE CITY STANDARDS.

0.4.8 General Notes for Reclaimed Water Main Construction

All plans for reclaimed water main construction within right-of-way or easements shall have the following shown on either the Cover Sheet or the Detail Sheet.

CITY OF GOODYEAR
GENERAL NOTES FOR RECLAIMED WATER MAIN CONSTRUCTION

A. THE CITY OF GOODYEAR ENGINEERING DEPARTMENT (OR ITS AUTHORIZED REPRESENTATIVE) SHALL INSPECT AND APPROVE ALL TRENCHING, BEDDING, PIPE INSTALLATION, BACKFILL AND COMPACTION. THE CITY OF GOODYEAR SHALL INSPECT AND APPROVE ALL PRESSURE TESTING, DISINFECTIONS, AND ALL OPERATIONAL SYSTEMS TESTS. AFTER COMPLETION OF EACH PHASE OF THE RECLAIMED WATER SYSTEM, BUT BEFORE ACCEPTANCE BY THE CITY OF GOODYEAR AND THE WARRANTY PERIOD, ALL PUNCH LIST ITEMS SHALL BE 100 % COMPLETED, AS GENERATED BY THE CITY OF GOODYEAR.

B. THE MINIMUM COVER OVER RECLAIMED WATER MAINS IS 36 INCHES.

C. BACKFILLING SHALL NOT BE DONE UNTIL MAINS ARE INSPECTED AND APPROVED BY THE CITY CONSTRUCTION INSPECTOR.

D. MATERIALS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR ACCORDING TO THE CITY'S APPROVED MATERIALS LIST, AND MAG UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. THE APPROVED MATERIALS LIST IS AVAILABLE ON THE CITY WEBSITE OR FROM THE ENGINEERING DEPARTMENT.

E. PAVEMENT REPLACEMENTS SHALL BE MADE PER THE CITY OF GOODYEAR ENGINEERING STANDARDS, AND MAG UNIFORM STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION.

F. CONCRETE ENCASEMENT OF RECLAIMED WATER MAINS PER MAG STANDARD DETAIL 404 SHALL BE REQUIRED WHEN A RECLAIMED WATER MAIN CROSSES ABOVE A WATER MAIN OR SANITARY SEWER OR WHEN THE RECLAIMED WATER MAIN IS BELOW THE WATER MAIN OR SANITARY SEWER AND THE SEPARATION BETWEEN THE PIPES IS LESS THAN 24 INCHES IN ACCORDANCE WITH THE CURRENT MAG SPECIFICATION. SECTION 610.5 "SEPARATION".

G. ANY CHANGES FROM APPROVED PLANS SHALL BE SUBMITTED TO THE ENGINEERING DEPARTMENT FOR APPROVAL PRIOR TO BEING SUBMITTED TO THE CITY OF GOODYEAR WATER SERVICES DEPT. FOR WRITTEN APPROVAL PRIOR TO INSTALLATION.

H. AS-BUILT DRAWINGS (ONE SET OF PRINTS FOR EACH REVIEW AND A FINAL SET OF MYLARS), CERTIFIED BY THE DEVELOPER'S ENGINEER, SHALL BE SUBMITTED TO AND ACCEPTED BY THE CITY ENGINEER BEFORE FINAL ACCEPTANCE OF THE WORK. SEE AS-BUILT REQUIREMENTS.

I. AN APPROVED METALLIC MARKING TAPE SHALL BE PLACED ABOVE THE INSTALLED RECLAIMED WATER MAIN PER MAG SPEC. SECTION 616.4 IDENTIFICATION AND SHALL HAVE THE WORDS "CAUTION: RECLAIMED WATER – DO NOT DRINK".

J. ALL RECLAIMED WATER VALVE COVERS SHALL BE SQUARE AND IDENTIFIED AS "RECLAIMED WATER" ACCORDING TO MAG SPECIFICATION SECTION 616.4 IDENTIFICATION.

K. ALL RECLAIMED WATER DUCTILE IRON PIPE, VALVES AND FITTINGS SHALL BE PROTECTED FROM CORROSION BY ENCASEMENT IN A POLYETHYLENE PURPLE WRAPPING, PER MAG STANDARD SPECIFICATION 610.6 POLYETHYLENE CORROSION PROTECTION.

L. DISINFECTION OF WATER DISTRIBUTION MAIN AND RECLAIMED WATER MAIN PIPE AND FITTINGS SHALL BE IN ACCORDANCE WITH MAG SPECIFICATION SECTION 610.16, "DISINFECTING WATER LINES "AND MAG SPECIFICATION SECTION 611,"DISINFECTING WATER MAINS."

M. ALL CHANGES IN DIRECTION OF RECLAIMED WATER MAINS 6-INCH AND LARGER SHALL BE MARKED WITH AN ELECTRONIC MARKER AS LISTED IN THE CITY'S RECLAIMED WATER APPROVED MATERIALS LIST. ELECTRONIC MARKER SHALL BE A SELF LEVELING TYPE AND OPERATE ON A FREQUENCY OF 145.7 KHz UP TO A DEPTH OF 4 FEET.

N. A 2-INCH x 4-INCH METAL STUD (PAINTED PURPLE) SHALL BE SET ONE-FOOT BEHIND EACH RECLAIMED WATER STUB-OUT. A 2-INCH x 4-INCH STUD MARKING RECLAIMED WATER MAIN STUB-OUT SHALL BE FIRMLY SET INTO THE GROUND AND SET ONE (1) FOOT ABOVE THE GROUND SURFACE DOWN TO THE CROWN OF PIPE.

O. ALL CURB STOPS WITH FLUSING PIPES SHALL BE PAINTED PURPLEAS IDENTIFIED IN THE CITY'S RECLAIMED WATER APPROVED MATERIALS LIST AND THE CURB STOP SHALL BE LABELED WITH TAGS IN ACCORDANCE WITH MAG SPECIFICATION SECTION 616.4. THE TAGS SHALL BE PURPLE AND SHALL HAVE THE WORDS "RECLAIMED WATER-DO NOT DRINK".

P. ALL RECLAIMED WATER LINES LARGER THAN 12 INCHES IN DIAMETER SHALL BE ENCASED IN POLYETHYLENE WRAP PER CITY, MAG AND MANUFACTURER STANDARD SPECIFICATIONS.

Q. THE CONTRACTOR MUST REQUEST A METER FOR FILLING AND TESTING OF NEW RECLAIMED WATER LINES FROM THEIR CITY CONSTRUCTION INSPECTOR. THIS METER SHOULD BE ORDERED TWO WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.

0.4.9 General Notes for Street Construction

All plans for street construction within right-of-way or easements shall have the following shown on either the Cover Sheet or the Detail Sheet.

CITY OF GOODYEAR
GENERAL NOTES FOR STREET CONSTRUCTION

A. ALL GENERAL CONSTRUCTION NOTES SHALL APPLY.

B. ANY WORK PERFORMED WITHOUT APPROVAL OF THE CITY ENGINEER, AND ANY WORK/MATERIAL NOT IN CONFORMANCE WITH THE SPECIFICATIONS IS SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.

C. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND ELEVATION OF ANY UTILITY LINES BEFORE STARTING CONSTRUCITON ACTIVITIES. IF THE EXISTING LINE IS FOUND TO BE IN A SUBSTANTIALLY DIFFERENT LOCATION, OR WILL ADVERSELY AFFECT THE OPERATION OF THE UTILITY, THE CONTRACTOR SHALL NOTIFY THE CITY OF GOODYEAR PRIOR TO MAKING THE CONNECTIONS. AMENDMENTS TO THE PLANS MAY BE REQUIRED PRIOR TO PROCEEDING WITH CONSTRUCTION ACTIVITIES.

D. CITY OF GOODYEAR IS NOT LIABLE FOR DELAYS OR DAMAGES TO UTILITIES RELATED TO THIS CONSTRUCTION; NEITHER WILL THE CITY PARTICIPATE IN THE COST OF UTILITY CONSTRUCTION OR RELOCATION.

E. AS-BUILT DRAWINGS (ONE SET OF PRINTS FOR EACH REVIEW AND A FINAL SET OF MYLARS), CERTIFIED BY THE DEVELOPER'S ENGINEER, SHALL BE SUBMITTED TO AND ACCEPTED BY THE CITY ENGINEER BEFORE FINAL ACCEPTANCE OF THE WORK. (SEE AS-BUILT REQUIREMENTS).

F. CONTRACTOR SHALL CONTINUOUSLY REFERENCE LOCATION OF ALL VALVES DURING CONSTRUCTION.

G. ALL UNDERGROUND UTILITIES LOCATED IN THE ROADWAY SHALL BE COMPLETED BEFORE PAVING.

H. BASE COURSE SHALL NOT BE PLACED UNTIL SUBGRADE HAS BEEN APPROVED BY THE CITY CONSTRUCTION INSPECTOR.

I. GUTTERS SHALL BE WATER TESTED FOR DRAINAGE IN THE PRESENCE OF THE CITY CONSTRUCTION INSPECTOR.

J. THE EXACT POINT OF MATCHING TERMINATION AND OVERLAY SHALL BE DETERMINED IN THE FIELD BY THE CITY CONSTRUCTION INSPECTOR.

K. CURB, GUTTER, SIDEWALK, AND PAVEMENT SHALL BE SWEPT CLEAN OF DIRT AND DEBRIS.

L. CONTRACTOR SHALL INSTALL A BLUE REFLECTOR AT ALL FIRE HYDRANT LOCATIONS. REFLECTOR SHALL BE GLUED WITH A CITY APPROVED BITUMINOUS ADHESIVE TO THE FINISHED PAVING AT THE APPROPRIATE LOCATION.

M. ANY SAW CUT ALONG EXISTING ROADWAY EDGE WHICH REMOVES THE EDGE OF THE ROADWAY SHALL BE A MINIMUM OF ONE-FOOT FROM THE EDGE OF THE EXISTING ROADWAY. THE CUT DISTANCE MAY BE GREATER, BASED ON PAVEMENT CONDITIONS OR ROADWAY ELEVATIONS BUT SHALL NOT BE LOCATED WITHIN A LANE WHEEL PATH, AND IF NEEDED SHALL BE IN HALF LANE INCREMENTS.

N. ALL PAVEMENT MARKING, SIGNING AND CONSTRUCTION SHALL CONFORM TO MARICOPA COUNTY DEPARTMENT OF TRANSPORTATION (MCDOT) PAVEMENT MARKING AND SIGNING MANUALS, MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD 2003 EDITION – REVISION 1), THE ADOT SUPPLEMENT TO MUTCD, THE CITY OF GOODYEAR ENGINEERING STANDARDS.

0.4.10 General Notes for Signing and Striping

All plans for Signing and Striping shall have the following shown on either the Cover Sheet or the Detail Sheet.

CITY OF GOODYEAR
GENERAL NOTES FOR SIGNING AND STRIPING

A. ALL GENERAL CONSTRUCTION NOTES SHALL APPLY.
B. ALL PAVEMENT MARKING, SIGNING AND CONSTRUCTION SHALL CONFORM TO MARICOPA COUNTY DEPARTMENT OF TRANSPORTATION (MCDOT) PAVEMENT MARKING AND SIGNING MANUALS, MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD 2003 EDITION – REVISION 1), THE ADOT SUPPLEMENT TO MUTCD, THE CITY OF GOODYEAR ENGINEERING STANDARDS.
C. TEMPORARY TRAFFIC CONTROL SHALL CONFORM TO THE CITY OF PHOENIX "TRAFFIC BARRICADE MANUAL" AND/OR AS DIRECTED BY THE CITY OF GOODYEAR ENGINEERING DEPARTMENT.
D. SIGNS SHALL BE INSTALLED ON POSTS AS LISTED IN THE CITY'S STREETS APPROVED MATERIALS LIST.
E. ALL SIGNS THAT ARE REMOVED AND NOT REINSTALLED SHALL BE SALVAGED AND DELIVERED TO THE ENGINEERING DEPARTMENT. CONTACT 623-882-3110 FOR DROP-OFF LOCATION.
F. ALL PAVEMENT SUBJECT TO A WARRANTY PERIOD (TYPICALLY TWO YEARS) WILL BE REQUIRED TO PROVIDE NEW THERMOPLASTIC MARKINGS AS A PART OF THE (END OF) WARRANTY INSPECTION.
G. ALL PAVEMENT MARKINGS ARE TO BE MAINTAINED BY THE DEVELOPER DURING THE WARRANTY PERIOD AND MAY BE INSTALLED AS 0.015" (15 MIL) REFLECTORIZED TRAFFIC PAINT.
H. ALL LANE STRIPING, CROSSWALKS AND CHEVRONS SHALL BE 0.060" (60 MIL) HOT SPRAYED THERMOPLASTIC, UNLESS OTHERWISE NOTED ON THE PLANS. ALL PAVEMENT SYMBOLS, ARROWS AND LEGENDS SHALL BE 0.090" (90 MIL) HOT SPRAYED THERMOPLASTIC. RUBBERIZED ASPHALT MUST CURE FOR A MINIMUM OF 30 DAYS PRIOR TO APPLYING THERMOPLASTIC MARKINGS. ALL TEMPORARY STRIPING SHALL BE 0.015" (15MIL) REFLECTORIZED TRAFFIC PAINT.
I. RAISED PAVEMENT MARKERS SHALL BE INSTALLED PER THE MARICOPA COUNTY DEPARTMENT OF TRANSPORTATION (MCDOT) PAVEMENT MARKING MANUAL, WITH A BITUMINOUS ADHESIVE THAT IS LISTED ON THE CITY'S STREETS APPROVED MATERIALS LIST.
J. ALL EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH PROPOSED MARKINGS SHALL BE REMOVED BY WATERBLASTING, OR BY OTHER CITY APPROVED METHOD (APPROVAL SHALL BE RECEIVED IN WRITING FROM THE ENGINEERING DEPARTMENT), PRIOR TO THE INSTALLATION OF NEW PAVEMENT MARKINGS. REMOVALS SHALL BE TO THE SATISFACTION OF THE CITY CONSTRUCTION INSPECTOR.

K. "NO PARKING" SIGNS (R8-3a) SHALL BE INSTALLED OR REINSTALLED APPROXIMATELY EVERY 350 FEET ALONG THE LENGTH OF THE ARTERIAL, COLLECTOR, AND OTHER RESTRICTED STREETS THAT ARE A PART OF THE PROJECT, APPROXIMATELY 5 FEET FROM THE BACK OF THE CURB. BAND THE SIGNS TO STREETLIGHT POLES WHEN AVAILABLE.

L. ALL SIGNS SHALL BE OF A MATERIAL AS LISTED IN THE CITY'S STREETS APPROVED MATERIALS LIST AND SHALL BE ATTACHED TO THE STANDARD SIGNAGE ALUMINUM PLATES. SIGN IMAGING SHALL BE IN COMPLIANCE WITH THE REFLECTIVE SHEETING MANUFACTURER'S MATCHED COMPONENT SYSTEM. SIGN IMAGING SHALL CONSIST OF AN ACRYLIC BASED ELECTRONIC CUTTABLE FILM WITH STANDARD HIGHWAY COLORS AS IDENTIFIED IN THE STREETS APPROVED MATERIALS LIST. IN ADDITION, IF CALLED OUT ON THE APPROVED PLANS TO CREATE A GRAFFITI-PROTECTIVE COATING, A PROTECTIVE OVERLAY FILM AS IDENTIFIED IN THE STREETS APPROVED MATERIALS LIST SHALL BE USED WHICH IS DESIGNATED TO COMPLY WITH THE UNDERLYING REFLECTIVE SHEETING MATCHED COMPONENT SYSTEM. A LETTER OF CERTIFICATION FROM THE SIGN FABRICATOR STATING THE MATERIALS TO BE USED SHALL BE SUBMITTED PRIOR TO SIGN INSTALLATION.

M. THE CONTRACTOR SHALL SPOT LAYOUT THE ENTIRE PROJECT PRIOR TO STRIPING. THE CONTRACTOR SHALL CONTACT THE CITY CONSTRUCTION INSPECTOR TO MAKE ARRANGEMENTS FOR INSPECTION PRIOR TO APPLYING PAVEMENT MARKINGS. THE PERMANENT PAVEMENT MARKING PLANS SHALL BE MODIFIED WHEN DIRECTED BY THE DESIGN ENGINEER. ANY STRIPING APPLIED BEFORE LAYOUT APPROVAL SHALL BE SUBJECT TO REMOVAL, PAVEMENT RESURFACING, AND RESTRIPING AT THE CONTRACTOR'S EXPENSE.

N. ALL ADVANCED STREET NAME SIGNS SHALL BE CLEARVIEW FONT USING 8-INCH UPPERCASE AND 6-INCH LOWERCASE LETTERING.

0.4.11 General Notes for Landscaping

All plans for Landscaping shall have the following shown on either the Cover Sheet or the Detail Sheet.

CITY OF GOODYEAR
GENERAL NOTES FOR LANDSCAPING

A. ALL GENERAL CONSTRUCTION NOTES SHALL APPLY.

B. ALL SIGNS, MONUMENT WALLS AND SITE LIGHTING REQUIRE SEPARATE BUILDING APPROVAL.

C. ALL FIRE HYDRANTS SHALL REQUIRE A 7-FOOT CLEARANCE IN ALL DIRECTIONS TO ANY NEW OR EXISTING LANDSCAPE.

D. SUBSTITUTIONS IN TYPE, AND/OR DEVIATIONS IN SIZE OR QUANTITY FROM THE APPROVED LANDSCAPE OR IRRIGATION PLANS SHALL NOT BE PERMITTED WITHOUT PRIOR WRITTEN APPROVAL FROM THE CITY OF GOODYEAR. (CONTACT THE CITY LANDSCAPE TECHNICIAN REGARDING ALL PLANTING AND IRRIGATION SUBSTITUTIONS AT 623-882-7979.)

E. ALL PLANT MATERIAL LOCATED IN THE PUBLIC RIGHTS-OF-WAY OR CITY OF GOODYEAR MAINTAINED AREAS SHALL BE IN COMPLIANCE WITH THE DEPARTMENT OF WATER RESOURCES LOW WATER USE PLANT LIST FOR THE PHOENIX ACTIVE MANAGEMENT AREA.

F. ALL PLANT MATERIAL AND SPECIFICATIONS SHALL CONFORM TO THE ARIZONA NURSERYMAN ASSOCIATION CURRENT STANDARDS.

G. THE CONTRACTOR IS TO ENSURE A ONE-FOOT CLEARANCE BETWEEN THE SIDEWALK AND MATURE TREE CANOPY.

H. PLANT LEGEND PROVIDED FOR CONTRACTOR'S CONVENIENCE. CONSTRUCTION PLANS TAKE PRECEDENCE.

I. A 10-FOOT CLEARANCE SHALL BE MAINTAINED BETWEEN A TREE TRUNK AND A UTILITY LINE.

J. ALL EXISTING LANDSCAPE AND IRRIGATION SYSTEMS THAT ARE DESIGNATED TO REMAIN ON THE APPROVED LANDSCAPE PLANS SHALL NOT BE DAMAGED OR DESTROYED DURING CONSTRUCTION. ANY DAMAGE THAT DOES OCCUR DURING CONSTRUCTION SHALL BE REPLACED IN KIND BY THE CONTRACTOR.

K. SIDEWALK AND PAVING CONSTRUCTION THAT ARE PART OF THE LANDSCAPE IMPROVEMENTS SHALL BE IN COMPLIANCE WITH ALL ON-SITE PAVING AND SHALL MEET DESIGN AND CONSTRUCTION REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA).

L. PRIOR TO ACCEPTANCE OF ANY BACKFLOW DEVICE, EACH DEVICE SHALL BE TESTED BY A STATE CERTIFIED TESTER AND THE RESULTS PROVIDED TO THE CITY.

M. UTILITY BOXES, METERS AND VAULTS SHALL BE LOCATED IN THE ROW AND WILL NOT BE PERMITTED IN ANY STREET MEDIAN.

N. "AS-BUILT" DRAWINGS, CERTIFIED BY THE DEVELOPER'S LANDSCAPE ARCHITECT, SHALL BE SUBMITTED AND APPROVED PRIOR TO ISSUANCE OF A BUILDING "CERTIFICATE OF OCCUPANCY."

All plans for Commercial or Residential development shall have the following shown on the Cover Sheet.

O. LANDSCAPED AREAS THAT WILL BE MAINTAINED BY CITY PARKS DEPARTMENT SHALL BE CLEARLY IDENTIFIED ON THESE PLANS AND ARE SUBJECT TO THE FOLLOWING REQUIREMENTS.

1. THE DEVELOPER SHALL MAINTAIN AND WARRANTY ALL PLANTED AREAS INCLUDING IRRIGATION SYSTEMS FOR A PERIOD OF TWO YEARS BEGINNING IMMEDIATELY AFTER THE CITY ISSUES THE NOTIFICATION OF APPROVAL FOR THE PROJECT.

2. DURING THE MAINTENANCE AND WARRANTY PERIOD, THE DEVELOPER SHALL BE RESPONSIBLE FOR MAINTAINING ADEQUATE PROTECTION TO ALL AREAS. ANY DAMAGED PLANTINGS AND OR IRRIGATION SYSTEMS SHALL BE IMMEDIATELY REPAIRED OR REPLACED AT THE DEVELOPER'S EXPENSE.
3. MAINTENANCE SHALL INCLUDE CONTINUOUS OPERATIONS OF WATERING, WEEDING, REMOVAL OF DEAD PLANT MATERIAL, MOWING , ROLLING, FERTILIZING, SPRAYING, INSECT AND PEST CONTROL, RE-SEEDING, REPLACEMENT, AND ALL OTHER MEASURES NECESSARY TO ENSURE GOOD NORMAL GROWTH.
4. WHEN THE TURF HAS ESTABLISHED SUFFICIENT ROOT STRUCTURE AND AN APPROXIMATE HEIGHT OF 3 INCHES, MOWING SHALL BEGIN IMMEDIATELY AND REDUCE IN SAFE INCREMENTS TO A HEIGHT OF 2 INCHES AND SHALL BE MAINTAINED THEREAFTER AT THE HEIGHT OF 2 INCHES.
5. AT THE TERMINATION OF THE MAINTENANCE AND WARRANTY PERIOD, ALL TURF AREAS SHALL BE LIVE, HEALTHY, UNDAMAGED, AND FREE OF INFESTATIONS. ALL AREAS SHALL BE COMPLETELY VOID OF BARREN SPOTS LARGER THAN 3 INCHES BY 3 INCHES.
6. IF ALL PLANTINGS ARE NOT ACCEPTABLE AT THE END OF THE TWO YEAR PERIOD, THE MAINTENANCE AND WARRANTY PERIOD SHALL CONTINUE UNTIL ALL UNACCEPTABLE PLANTINGS ARE REPLACED OR REPAIRED AND THE LANDSCAPING MEETS CITY APPROVAL.
7. AREAS MAY INCLUDE RETENTION BASINS, PARKS, RIGHTS-OF-WAY, AND STREET CENTER MEDIAN LANDSCAPING.

All City CIP plans shall have the following shown on the Cover Sheet.

P. LANDSCAPED AREAS THAT WILL BE MAINTAINED BY THE CITY PARKS DEPARTMENT SHALL BE CLEARLY IDENTIFIED ON THESE PLANS AND ARE SUBJECT TO THE FOLLOWING REQUIREMENTS:

1. THE CONSTRUCTION CONTRACTOR SHALL MAINTAIN AND WARRANTY ALL PLANTED AREAS, INCLUDING IRRIGATION SYSTEMS FOR A PERIOD OF ONE YEAR BEGINNING IMMEDIATELY AFTER THE CITY ISSUES THE NOTIFICATION OF APPROVAL FOR THE PROJECT.
2. DURING THE MAINTENANCE AND WARRANTY PERIOD, THE CONSTRUCTION CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ADEQUATE PROTECTION TO ALL AREAS. ANY DAMAGED PLANTINGS AND OR IRRIGATION SYSTEMS SHALL BE IMMEDIATELY REPAIRED OR REPLACED AT THE CONSTRUCTION CONTRACTOR'S EXPENSE

3. MAINTENANCE SHALL INCLUDE CONTINUOUS OPERATIONS OF WATERING, WEEDING, REMOVAL OF DEAD PLANT MATERIAL, MOWING , ROLLING, FERTILIZING, SPRAYING, INSECT AND PEST CONTROL, RE-SEEDING, REPLACEMENT, AND ALL OTHER MEASURES NECESSARY TO ENSURE GOOD NORMAL GROWTH.
4. WHEN THE TURF HAS ESTABLISHED SUFFICIENT ROOT STRUCTURE AND AN APPROXIMATE HEIGHT OF 3 INCHES, MOWING SHALL BEGIN IMMEDIATELY AND REDUCE IN SAFE INCREMENTS TO A HEIGHT OF 2 INCHES AND SHALL BE MAINTAINED THEREAFTER AT THE HEIGHT OF 2 INCHES.
5. AT THE TERMINATION OF THE MAINTENANCE AND WARRANTY PERIOD, ALL TURF AREAS SHALL BE LIVE, HEALTHY, UNDAMAGED, AND FREE OF INFESTATIONS. ALL AREAS SHALL BE COMPLETELY VOID OF BARREN SPOTS LARGER THAN 3 INCHES BY 3 INCHES.
6. IF ALL PLANTINGS ARE NOT ACCEPTABLE AT THE END OF THE ONE YEAR PERIOD, THE MAINTENANCE AND WARRANTY PERIOD SHALL CONTINUE UNTIL ALL UNACCEPTABLE PLANTINGS ARE REPLACED OR REPAIRED AND THE LANDSCAPING MEETS CITY APPROVAL.
7. AT THE COMPLETION OF THE ONE YEAR WARRANTY AND MAINTENANCE PERIOD, PARK MAINTENANCE WILL BE TRANSFERRED FROM THE CONSTRUCTION CONTRACTOR TO THE PARKS DEPARTMENT.
8. AREAS MAY INCLUDE RETENTION BASINS, PARKS, RIGHTS-OF-WAY, AND STREET CENTER MEDIAN LANDSCAPING.

0.4.12 General Notes for Custom Home Construction

All plans for Custom Home Construction shall have the following shown on either the Cover Sheet or the Detail Sheet.

CITY OF GOODYEAR
GENERAL NOTES FOR CUSTOM HOME CONSTRUCTION

A. ALL GENERAL CONSTRUCTION NOTES SHALL APPLY.
B. AN ON-SITE GRADING PERMIT IS REQUIRED.
C. A SEPARATE PERMIT IS REQUIRED FOR ANY OFF-SITE CONSTRUCTION WITHIN THE CITY OF GOODYEAR RIGHTS-OF-WAY.
D. GRADING AND DRAINAGE PLAN APPROVAL INCLUDES RETENTION AND DETENTION AREAS, OTHER DRAINAGE FACILITIES AND CHANGES TOSURFACE GRADING AFFECTING DRAINAGE STRUCTURES, CURBS, ASPHALT PAVEMENT, AND BUILDING FLOOR ELEVATIONS.
E. ALL RETAINING WALLS THAT RETAIN GREATER THAN ONE FOOT ARE REVIEWED AND PERMITTED THROUGH THE BUILDING SAFETY DEPARTMENT. A SEPARATE PERMIT IS REQUIRED FOR RETAINING WALL CONSTRUCTION AND INSPECTION.

F. FINISHED FLOOR ELEVATIONS SHALL BE A MINIMUM OF 18 INCHES ABOVE LOT OUTFALL AND A MINIMUM OF 12 INCHES ABOVE ANY ADJACENT HIGH WATER ELEVATION. LOT GRADING SHALL BE PER THE APPROVED PLAN AND COMPLY WITH CHAPTER 4 OF THE INTERNATIONAL RESIDENTIAL CODE AS CURRENTLY ADOPTED BY THE CITY OF GOODYEAR.

G. STAKING PAD AND/OR FINISHED FLOOR ELEVATIONS ARE THE RESPONSIBILITY OF THE DEVELOPER OR HIS ENGINEER. CERTIFICATION OF THE FINISHED BUILDING PAD FOR BOTH ELEVATION AND COMPACTION SHALL BE SUBMITTED TO THE CITY CONSTRUCTION INSPECTOR AND APPROVED PRIOR TO ANY VERTICAL CONSTRUCTION. ADDITIONAL SUBMITTALS MAY BE REQUIRED BY THE CITY'S BUILDING INSPECTOR.

H. THE PROJECT ENGINEER OR REGISTERED LAND SURVEYOR SHALL CERTIFY THAT THE SITE, INCLUDING RETAINING WALLS BUT WITH THE EXCEPTION OF THE BUILDING PAD, HAS BEEN GRADED TO WITHIN 0.1-FOOT OF THE ELEVATIONS INDICATED ON THE APPROVED GRADING AND DRAINAGE PLANS. THE BUILDING PAD SHALL BE CERTIFIED TO BE AT OR ABOVE APPROVED PLAN ELEVATION. ANY DEVIATION FROM THE APPROVED GRADING AND DRAINAGE PLANS SHALL BE IDENTIFIED IN THE CERTIFICATION AND WILL BE SUBJECT TO REVIEW AND APPROVAL BY THE CITY'S ENGINEERING DEPARTMENT.

I. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ANY EXISTING WATER OR SEWER LINE BEFORE STARTING CONSTRUCTION. IF THE EXISTING LINE IS FOUND TO BE IN A SUBSTANTIALLY DIFFERENT LOCATION, OR WILL ADVERSELY AFFECT THE OPERATION OF THE UTILITY, THE CONTRACTOR SHALL NOTIFY THE CITY CONSTRUCTION INSPECTOR. THE CONTRACTOR SHALL ONLY CONNECT NEW WATER AND SEWER SERVICE LINES TO THE EXISTING SYSTEM WITH SPECIFIC APPROVAL OF THE CITY CONSTRUCTION INSPECTOR.

J. THE CITY OF GOODYEAR IS NOT LIABLE FOR DELAYS OR DAMAGE TO UTILITIES RELATING TO THIS CONSTRUCTION; NEITHER WILL THE CITY PARTICIPATE IN THE COST OF UTILITY CONSTRUCTION OR RELOCATION.

K. WATER METERS SHALL BE INSTALLED BY THE UTILITY AGENCY AFTER PAYMENT OF ALL PREVAILING FEES. THE METER BOX SHALL BE INSTALLED TO THE PROPER GRADE, BE VISIBLE AND FREE OF OBSTRUCTION AND DEBRIS. ALL SERVICE LINES AND CONNECTIONS SHALL BE FREE OF LEAKS.

L. TRACER WIRE SHALL BE INSTALLED ON ALL PRIVATE PVC WATER AND SEWER LINES.

M. THE FOLLOWING IS REQUIRED BY THE ENGINEERING DEPARTMENT FOR ISSUANCE OF A CERTIFICATE OF OCCUPANCY:

1. "AS-BUILT" DRAWINGS (ONE SET OF MYLARS AND TWO SETS OF PRINTS) CERTIFIED BY THE DEVELOPER'S ENGINEER, RECEIVED AND APPROVED BY THE CITY OF GOODYEAR. SEE AS-BUILT REQUIREMENTS.
2. INSPECTOR-APPROVED PAD CERTIFICATIONS (COMPACTION REPORTS AND PAD ELEVATIONS).
3. APPROVAL OF SITE GRADING.
4. PROPERTY CORNER PINS INSTALLED AND VISIBLE.
5. FINAL INSPECTION PERFORMED ON ALL ON-SITE AND OFF-SITE CONSTRUCTION AND ALL PUNCH LIST ITEMS COMPLETED.

0.4.13 General Notes for Final Plat

All Final Plats shall have the following general notes shown on either the Cover Sheet or the Detail Sheet, unless otherwise approved by the City Engineering and Community Development Departments.

CITY OF GOODYEAR
GENERAL NOTES FOR FINAL PLAT

A. WATER SERVICE NOTE (ONE OF THE FOLLOWING)

1. THIS DEVELOPMENT IS WITHIN THE SERVICE AREA OF THE CITY OF GOODYEAR WHICH HAS BEEN DESIGNATED AS HAVING AN ASSURED WATER SUPPLY PURSUANT TO A.R.S. 45-576 SUBSECTION B. THE CITY OF GOODYEAR'S ASSURED WATER SUPPLY DESIGNATION IS SUPPORTED IN PART BY THE CITY'S MEMBERSHIP IN THE CENTRAL ARIZONA GROUNDWATER REPLENISHMENT DISTRICT (CAGRD). PROPERTY WITHIN THIS DEVELOPMENT MAY BE ASSESSED A FEE BASED ON ITS PRO RATA SHARE OF THE CITY'S COST FOR CAGRD PARTICIPATION.
2. <u>CERTIFICATE OF ASSURED WATER SUPPLY</u>
   THIS DEVELOPMENT IS LOCATED WITHIN THE SERVICE AREA OF (*insert water company name here*) AND HAS BEEN GRANTED A CERTIFICATE OF ASSURED WATER SUPPLY FROM THE ARIZONA DEPARTMENT OF WATER RESOURCES.

   _____ _____
   MANAGER DATE
   (*insert water company name here*)

B. NO STRUCTURES OF ANY KIND SHALL BE CONSTRUCTED OR PLACED WITHIN OR OVER THE UTILITY EASEMENTS EXCEPT: UTILITIES, ASPHALT PAVING, GRASS, AND WOOD, WIRE OR REMOVABLE SECTION TYPE FENCING. THE CITY OF GOODYEAR SHALL NOT BE REQUIRED TO REPLACE OR PROVIDE REIMBURSEMENT FOR THE COST OF REPLACING ANY OBSTRUCTIONS, PAVING OR PLANTING THAT IS REMOVED DURING THE COURSE OF MAINTAINING, CONSTRUCTING OR RECONSTRUCTING UTILITY FACILITIES.

C. NO STRUCTURE OF ANY KIND SHALL BE CONSTRUCTED OR ANY VEGETATION SHALL BE PLANTED NOR WILL BE ALLOWED TO GROW WITHIN, ON OR OVER ANY DRAINAGE EASEMENT WHICH WOULD OBSTRUCT OR DIVERT THE FLOW OF STORM WATER. THE CITY MAY, IF IT SO DESIRES, CONSTRUCT OR MAINTAIN DRAINAGE FACILITIES ON OR UNDER THE LAND OF THE DRAINAGE EASEMENT.

D. IMPROVEMENTS MADE WITHIN A CITY RIGHT-OF-WAY, TRACT, OR EASEMENT THAT WILL BE MAINTAINED IN THE FUTURE BY THE CITY OF GOODYEAR SHALL BE CLEARLY IDENTIFIED ON THE APPROVED PLANS AND ARE SUBJECT TO THE FOLLOWING REQUIREMENTS. IMPROVEMENTS MAY INCLUDE BUT ARE NOT LIMITED TO STREET SURFACES, CURBS, GUTTERS, SIDEWALKS, RAMPS, DRIVEWAYS, TURN BAYS, BUS BAYS, STREET LIGHTING, SIGNAGE, AND STREET STRIPING.

   a. THE DEVELOPER SHALL MAINTAIN AND WARRANTY ALL IMPROVEMENTS FOR A PERIOD OF TWO-YEARS BEGINNING IMMEDIATELY AFTER THE CITY ISSUES THE NOTIFICATION OF APPROVAL FOR THE PROJECT.
   b. DURING THE MAINTENANCE AND WARRANTY PERIOD, THE DEVELOPER SHALL BE RESPONSIBLE FOR MAINTAINING ADEQUATE PROTECTION TO ALL IMPROVEMENTS. ANY DAMAGED IMPROVEMENT SHALL BE IMMEDIATELY REPARIRED OR REPLACED AT THE DEVELOPER’S EXPENSE.
   c. MAINTENANCE SHALL INCLUDE BUT IS NOT LIMITED TO STREET SWEEPING, APPLICATION OF A SEALANT ON ALL CRACKS AND JOINTS, AND APPLICATION OF A SEALANT OVER ALL ASPHALT PAVEMENTS.
   d. AT THE TERMINATION OF THE MAINTENANCE AND WARRANTY PERIOD ALL IMPROVEMENTS SHALL BE UNDAMAGED AND SHALL MEET CITY STANDARDS.
   e. IF ALL IMPROVEMENTS ARE NOT ACCEPTABLE AT THE END OF THE TWO-YEAR WARRANTY PERIOD, THE MAINTENANCE AND WARRANY PERIOD SHALL CONTINUE UNTIL THE IMPROVEMENTS MEET CITY APPROVAL.

E. LANDSCAPED AREAS THAT WILL BE MAINTAINED IN THE FUTURE BY THE CITY OF GOODYEAR <u>SHALL BE CLEARLY IDENTIFIED ON THE APPROVED PLANS</u> AND ARE SUBJECT TO THE FOLLOWING REQUIREMENTS. THESE AREAS MAY INCLUDE RETENTION BASINS, PARKS, RIGHTS-OF-WAY, AND STREET CENTER MEDIAN LANDSCAPING.

a. THE DEVELOPER SHALL MAINTAIN AND WARRANTY ALL PLANTED AREAS INCLUDING IRRIGATION SYSTEMS FOR A PERIOD OF TWO-YEARS BEGINNING IMMEDIATELY AFTER THE CITY ISSUES THE NOTIFICATION OF APPROVAL FOR THE PROJECT.
b. DURING THE MAINTENANCE AND WARRANTY PERIOD, THE DEVELOPER SHALL BE RESPONSIBLE FOR MAINTAINING ADEQUATE PROTECTION TO ALL AREAS. ANY DAMAGED PLANTING AND OR IRRIGATION SYSTEMS SHALL BE IMMEDIATELY REPAIRED OR REPLACED AT THE DEVELOPER'S EXPENSE.
c. MAINTENANCE SHALL INCLUDE CONTINUOUS OPERATIONS OF WATERING, WEEDING, REMOVAL OF DEAD PLANT MATERIAL, MOWING, ROLLING, FERTILIZING, SPRAYING, INSECT AND PEST CONTROL, RE-SEEDING, REPLACEMENT, AND ALL OTHER MEASURES NECESSARY TO ENSURE GOOD NORMAL GROWTH.
d. WHEN THE TURF HAS ESTABLISHED SUFFICIENT ROOT STRUCTURE AND AN APPROXIMATE HEIGHT OF 3-INCHES, MOWING SHALL BEGIN IMMEDIATELY TO A 2-INCH HEIGHT AND SHALL BE MOWED THEREAFTER AND REDUCED IN SAFE INCREMENTS TO A HEIGHT OF 2-INCHES.
e. AT THE TERMINATION OF THE MAINTENANCE AND WARRANTY PERIOD ALL TURF AREA SHALL BE LIVE, HEALTHY, UNDAMAGED, AND FREE OF INFESTATIONS. ALL AREAS SHALL BE COMPLETELY VOID OF BARREN SPOTS LARGER THAN 3 INCHES BY 3 INCHES.
f. IF ALL PLANTINGS ARE NOT ACCEPTABLE AT THE END OF THE TWO-YEAR PERIOD, THE MAINTENANCE AND WARRANTY PERIOD SHALL CONTINUE UNTIL THE LANDSCAPING MEETS CITY APPROVAL.

F. STRUCTURES WITHIN VISIBILITY EASEMENTS WILL BE LIMITED TO A HEIGHT OF THREE (3) FEET; LANDSCAPING WITHIN VISIBILITY EASEMENTS WILL BE LIMITED TO GROUND COVER, FLOWERS AND GRANITE LESS THAN TWO (2) FEET (MATURE) IN HEIGHT AND/OR TREES WITH BRANCHES NOT LESS THAN SEVEN (7) FEET ABOVE THE GROUND. TREES SHALL NOT BE PLACED LESS THAN EIGHT (8) FEET APART.

G. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR THE PROPER MAINTENANCE AND REPAIR OF ALL FACILITIES ASSOCIATED WITH STORMWATER MANAGEMENT ON A PROPERTY.

H. THIS PARCEL IS SUBJECT TO ATTENDANT NOISE, VIBRATIONS, DUST, AND ALL OTHER EFFECTS THAT MAY BE CAUSED BY OVERFLIGHTS AND BY THE OPERATION OF AIRCRAFT LANDING AT, OR TAKING OFF FROM PHOENIX-GOODYEAR AIRPORT AND LUKE AIR FORCE BASE.

I. THIS DEVELOPMENT IS SUBJECT TO ATTENDANT NOISE CAUSED FROM VEHICULAR TRAFFIC ON INTERSTATE 10 AND THE PROPOSED LOOP 303.

J. THIS DEVELOPMENT IS ADJACENT TO AGRICULTURAL USES AND IS THEREFORE SUBJECT TO NOISE, DUST AND ODORS ASSOCIATED WITH SUCH A USE.

K. ALL NEW OR RELOCATED UTILITIES WILL BE PLACED UNDERGROUND *(EXCEPTIONS ARE TO BE NOTED)*.

L. ALL LOT CORNERS SHALL BE MONUMENTED WITH ½" REBAR WITH CAP, TAG OR OTHER MONUMENTATION AS DESCRIBED BEARING THE REGISTRATION NUMBER OF THE SURVEYOR RESPONSIBLE FOR THEIR PLACEMENT.

M. THE CITY OF GOODYEAR IS NOT RESPONSIBLE FOR AND WILL NOT ACCEPT MAINTENANCE OF ANY PRIVATE UTILITIES, PRIVATE STREETS, PRIVATE FACILITIES OR LANDSCAPED AREAS WITHIN THIS DEVELOPMENT.

N. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR THE PROPER MAINTENANCE OF ALL STORMWATER MANAGEMENT FACILITIES.

O. THE STREETS IN TRACT (IDENTIFY TRACT) ARE PRIVATE STREETS, TO BE OWNED AND MAINTAINED BY THE PROPERTY OWNERS ASSOCIATION. AFTER THIS PLAT IS RECORDED, THE CITY OF GOODYEAR WILL NOT ACCEPT DEDICATION OF THE STREET MAINTENANCE RESPONSIBILITIES UNLESS ALL STREET IMPROVEMENTS AND RIGHTS-OF-WAY MEET CURRENT APPLICABLE CITY STANDARDS. **(***DEVELOPMENTS WITH PRIVATE STREETS***)**

P. MAINTENANCE OF EASEMENTS THAT LIE WITHIN THE BOUNDARIES OF A SUBDIVISION LOT SHALL BE THE RESPONSIBILITY OF THE HOMEOWNERS OR PROPERTY OWNERS ASSOCIATION, WITH THE FOLLOWING EXCEPTIONS **(***RESIDENTIAL AND COMMERCIAL SUBDIVISIONS – LIST THE LOTS AND SPECIFY THE EXCEPTIONS***)**.

Q. MAINTENANCE OF LANDSCAPING THAT LIES WITHIN THE FRONT YARD OF A SINGLE FAMILY RESIDENCE SHALL BE THE RESPONSIBILITY OF THE HOMEOWNER UNLESS OTHERWISE NOTED ON THIS PLAT. THIS INCLUDES LANDSCAPING WITHIN THE RIGHT-OF-WAY, PRIVATE STREET TRACT, AND/OR PUE. **(***RESIDENTIAL SUBDIVISIONS***)**

R. ALL CORNER LOTS AND ALL LOTS ABUTTING AN ARTERIAL STREET ARE LIMITED TO SINGLE-STORY STRUCTURES. **(***RESIDENTIAL SUBDIVISIONS – PROVIDE A LIST OF LOT NUMBERS***).**

S. DRIVEWAYS ON KEY LOTS ARE TO BE LOCATED ON THE SIDE OF THE LOT OPPOSITE THE ADJACENT REAR LOT LINE. **(***RESIDENTIAL SUBDIVISIONS – KEY LOTS NUMBERS TO BE SHOWN***).**

T. DRIVEWAYS ON CORNER LOTS ARE TO BE LOCATED ON THE SIDE OF THE LOT FURTHEST FROM THE STREET INTERSECTION. *(RESIDENTIAL SUBDIVISIONS – CORNER LOTS NUMBERS TO BE SHOWN***).**

U. AT T-INTERSECTIONS (THREE-WAY INTERSECTIONS) THE NON-LIVING SPACE SIDE OF THE HOUSE SHALL BE POSITIONED ON THE LOT IN ORDER TO AVOID HEADLIGHT INTRUSION INTO LIVING AREAS *(RESIDENTIAL SUBDIVISIONS – T LOTS NUMBERS TO BE SHOWN*).