- 1. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST MAG STANDARD DETAILS AND SPECIFICATIONS AND THE CITY'S CURRENT ENGINEERING DESIGN AND CONSTRUCTION STANDARDS.
- 2. THIS SET OF PLANS HAS BEEN REVIEWED FOR COMPLIANCE WITH CITY REQUIREMENTS PRIOR TO ISSUANCE OF CONSTRUCTION PERMITS. HOWEVER, SUCH REVIEW AND ACCEPTANCE SHALL NOT PREVENT THE CITY FROM REQUIRING CORRECTION OF ERRORS IN SAID PLANS AND/OR CONSTRUCTION WHEN IN VIOLATION OF ANY LAWS, ORDINANCES, CODES OR STANDARDS THAT ARE IN EFFECT. REVIEW AND ACCEPTANCE OF PLANS DOES NOT RELEASE A DEVELOPER OR ENGINEER FROM RESPONSIBILITY FOR ERRORS OR OMISSIONS ON SAID PLANS.
- THE CITY DOES NOT WARRANT ANY QUANTITIES SHOWN ON THESE PLANS.
- 4. THE CITY PLANS ACCEPTANCE IS FOR GENERAL LAYOUT IN THE RIGHT-OF-WAY ONLY. THIS ACCEPTANCE IS VALID FOR A PERIOD OF SIX MONTHS. CONSTRUCTION PERMITS SHALL BE OBTAINED DURING THIS PERIOD OR THE PLANS SHALL BE RESUBMITTED FOR REVIEW.
- A CITY ACCEPTED SET OF PLANS SHALL BE AVAILABLE ON THE JOB SITE AT ALL TIMES.
- 6. THE CITY SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY CONSTRUCTION WORK. CONSTRUCTION WORK CONCEALED WITHOUT INSPECTION BY THE CITY SHALL BE SUBJECT TO EXPOSURE AT THE CONTRACTOR'S EXPENSE.
- 7. A RIGHT-OF-WAY CONSTRUCTION PERMIT IS REQUIRED FOR ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY OR WITHIN A CITY EASEMENT. A 100% PERFORMANCE BOND OR EQUIVALENT FORM OF FINANCIAL SURETY MAY BE REQUIRED FOR ALL WORK WITHIN THE RIGHT-OF-WAY PRIOR TO THE ISSUANCE OF ANY RIGHT-OF-WAY CONSTRUCTION PERMIT(S). ALL WORK WITHIN THE RIGHT-OF-WAY SHALL BE INSPECTED AND APPROVED BY THE CITY'S ENGINEERING DIVISION.
- 8. IMPROVEMENTS SHALL NOT BE ACCEPTED UNTIL "AS-BUILT" PLANS AND ELECTRONIC (AUTOCAD) FILES HAVE BEEN SUBMITTED AND APPROVED
- 9. THE DEVELOPER IS RESPONSIBLE FOR ALL COSTS AND WORK RELATED TO THE REMOVAL, RELOCATION OR ABANDONMENT OF ALL OBSTRUCTIONS AND/OR UTILITIES WITHIN THE RIGHT-OF-WAY THAT CONFLICT WITH THE NEW IMPROVEMENTS.
- 10. THE DEVELOPER IS RESPONSIBLE FOR OBTAINING OR DEDICATING ALL REQUIRED RIGHTS-OF-WAY AND EASEMENTS TO THE CITY PRIOR TO ISSUANCE OF THE BUILDING'S CERTIFICATE OF OCCUPANCY.
- 11. THE CONTRACTOR SHALL CONTACT BLUE STAKE (602-263-1100) 48 HOURS PRIOR TO CONSTRUCTION.
- 12. THE CONTRACTOR SHALL BARRICADE CONSTRUCTION SITES AT ALL TIMES PER THE CITY OF PHOENIX TRAFFIC BARRICADE MANUAL. WHEN REQUIRED BY THE CITY, A TRAFFIC CONTROL PLAN SHALL BE SUBMITTED FOR APPROVAL A MINIMUM OF 72 HOURS IN ADVANCE OF
- 13. THE CONTRACTOR MAY OBTAIN A FIRE HYDRANT METER FOR CONSTRUCTION WATER FROM THE CITY WATER SERVICES DEPARTMENT. THE UNLAWFUL REMOVAL OF WATER FROM A FIRE HYDRANT IS A VIOLATION OF THE MUNICIPAL CODE, PUNISHABLE BY FINE AND/OR IMPRISONMENT.
- 14. DAMAGE CAUSED BY THE DEVELOPER DURING CONSTRUCTION TO CITY INFRASTRUCTURE OR FACILITIES SHALL BE REPAIRED OR REPLACED BY THE DEVELOPER, AT HIS EXPENSE, IN A MANNER ACCEPTABLE TO THE CITY.
- 15. THERE SHALL BE NO DIRT RAMPS OVER SIDEWALKS DURING CONSTRUCTION.
- 16. AN AZPDES PERMIT IS REQUIRED FOR ALL CONSTRUCTION THAT DISTURBS LAND OVER ONE (1) ACRE IN SIZE. PRIOR TO START OF ANY CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT A NOTICE OF INTENT (NOI) TO THE ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY (ADEQ) AND A COPY TO THE CITY OF GLENDALE AND HAVE A COPY OF THE SWPPP ON SITE AT ALL TIMES.

CITY OF GLENDALE GENERAL SEWER MAIN NOTES

- 1. THE DEVELOPER/CONTRACTOR IS RESPONSIBLE FOR PAYING PERMIT FEES PRIOR TO CONSTRUCTION OF ANY SEWER LINES.
- 2. MAG STANDARD DETAIL 404 SHALL APPLY WHETHER SHOWN ON THE APPROVED PLANS OR NOT.
- 3. CONFLICTS WITH THE EXISTING UTILITIES DISCOVERED DURING CONSTRUCTION SHALL BE CALLED TO THE ATTENTION OF THE CITY AND RESOLVED PRIOR TO PROCEEDING.
- 4. LOCATION OF ALL MANHOLES AND CLEANOUTS MUST BE REFERENCED AT ALL TIMES DURING CONSTRUCTION AND MADE AVAILABLE TO THE CITY'S WATER SERVICES DEPARTMENT.
- 5. ALL NEW SEWER MAINS SHALL BE INSPECTED BY CLOSED CIRCUIT TELEVISION METHODS ACCEPTABLE TO THE CITY, ANY DEFECTS DISCOVERED DURING TELEVISED INSPECTION SHALL BE CORRECTED AND RE-TELEVISED AT NO COST TO THE CITY, VIDEOTAPES OR CDS OF ALL TELEVISED INSPECTIONS SHALL BE PROVIDED TO THE CITY PRIOR TO FINAL ACCEPTANCE OF THE SEWER MAIN. THE TELEVISED INSPECTION WILL BE AFTER THE INSTALLATION OF DRY UTILITIES AND PAVING.
- 6. BEDDING AND BACKFILL OF ALL SEWER MAINS AND SERVICES IN CITY RIGHTS-OF-WAY OR EASEMENTS SHALL FOLLOW CITY OF GLENDALE STANDARD DETAIL G-690.
- 7. NO PERSON SHALL USE ANY MECHANICAL EQUIPMENT FOR CLEARING, GRUBBING, ROAD CONSTRUCTION, TRENCHING, EXCAVATING, DEMOLITION OR ENGAGE IN ANY EARTHMOVING ACTIVITY WITHOUT FIRST OBTAINING A DUST CONTROL PERMIT FROM AIR POLLUTION CONTROL, MARICOPA COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES.

CITY OF GLENDALE GENERAL GRADING AND DRAINAGE NOTES

- THE DEVELOPER/CONTRACTOR IS RESPONSIBLE FOR PAYING PERMIT FEES PRIOR TO CONSTRUCTION.
- 2. A SEPARATE PERMIT IS NECESSARY FOR ANY CONSTRUCTION IN THE RIGHT-OF-WAY.
- 3. PRIOR TO THE START OF ANY ON-SITE GRADING OPERATIONS, THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEERING DIVISION AT LEAST 48 HOURS PRIOR TO COMMENCING WORK BY CALLING 623-930-3630.
- 4. STAKING PAD AND/OR FINISHED FLOOR ELEVATIONS ARE THE RESPONSIBILITY OF THE DEVELOPER OR HIS ENGINEER. IN NON-CRITICAL AREAS, THE DEVELOPER'S ENGINEER SHALL SUBMIT CERTIFICATIONS OF CONSTRUCTED BUILDING PAD ELEVATIONS PRIOR TO THE CITY'S ACCEPTANCE OF PROJECT. IN A CRITICAL DRAINAGE AREA, CERTIFICATION OF THE FINISHED BUILDING FLOOR OR STEM WALL ELEVATION SHALL BE SUBMITTED AND APPROVED PRIOR TO ANY VERTICAL CONSTRUCTION.
- AN APPROVED GRADING AND DRAINAGE PLAN SHALL BE ON THE JOB SITE AT ALL TIMES. DEVIATIONS FROM THE PLAN MUST BE PRECEDED BY AN APPROVED PLAN REVISION.
- 6. ACCEPTANCE OF GRADING AND DRAINAGE IMPROVEMENTS SHALL INCLUDE, BUT NOT BE LIMITED TO, THE CONSTRUCTION OF RETENTION BASINS, CATCH BASINS, CURB FOR OTHER DRAINAGE FACILITIES, SITE GRADING, DRYWELLS, STORM DRAIN PIPES, UNDERGROUND STORAGE TANKS AND ASPHALT PAVEMENT.
- 7. DRYWELLS MUST BE DRILLED A MINIMUM OF 10 FEET INTO PERMEABLE POROUS STRATA.
- 8. THE CONTRACTOR SHALL CONSTRUCT ALL RETENTION BASINS TO THE ELEVATIONS AND SLOPES SHOWN ON THE PLANS.
- 9. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND CONFIRMING DEPTH 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 DESIGN ENGINEER AND REQUEST MODIFICATION OF THE BASIN DESIGN.
- 10. THIS SET OF PLANS HAS BEEN REVIEWED FOR COMPLIANCE WITH CITY REQUIREMENTS PRIOR TO ISSUANCE OF CONSTRUCTION PERMITS AND SHALL BE KEPT AT THE CONSTRUCTION SITE. SUCH REVIEW SHALL NOT PREVENT THE CITY FROM REQUIRING CORRECTIONS TO ERRORS ON THE PLANS, WHICH ARE FOUND TO BE IN VIOLATION OF ANY LAW OR ORDINANCE.
- 11. NO PERSON SHALL USE ANY MECHANICAL EQUIPMENT FOR CLEARING, GRUBBING, ROAD CONSTRUCTION, TRENCHING, EXCAVATING, DEMOLITION OR ENGAGE IN ANY EARTHMOVING ACTIVITY WITHOUT FIRST OBTAINING A DUST CONTROL PERMIT FROM MARICOPA COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES.

CITY OF GLENDALE GENERAL WATER MAIN NOTES

- 1. THE DEVELOPER/CONTRACTOR IS RESPONSIBLE FOR PAYING PERMIT FEES PRIOR TO CONSTRUCTION OF ANY WATERLINES AND
- 2. BEDDING AND BACKFILL OF ALL WATER MAINS AND SERVICES WITHIN CITY RIGHTS-OF-WAY OR EASEMENTS SHALL FOLLOW CITY OF GLENDALE STANDARD DETAIL G-690.
- GATE VALVES SHALL BE RESILIENT SEATED, SOLID WEDGE GATE, FULLY ENCAPSULATED AND OPEN LEFT. BUTTERFLY VALVES ARE NOT ALLOWED IN LINES 12-INCH AND SMALLER.
- 4. TAPPING VALVES SHALL BE FLANGE BY MECHANICAL JOINT TO ALLOW TAPPING BY CONTRACTOR.
- TAPS TO EXISTING MAINS SHALL BE DONE BY A CITY APPROVED CONTRACTOR, NO TAP SHALL BE MADE UNTIL THE CITY'S CONSTRUCTION ENGINEERING INSPECTOR HAS APPROVED THE INSTALLATION OF THE TAPPING SLEEVE, THRUST BLOCK, VALVE, AND VALVE BLOCKING. NO TAP SHALL BE MADE WITHOUT A CITY WATER SERVICES DEPARTMENT REPRESENTATIVE PRESENT. PRIOR TO ALL TAPS, THE CITY'S CONSTRUCTION ENGINEERING INSPECTOR WILL CONTACT THE CITY'S WATER SERVICES DEPARTMENT NO LESS THAN 24
- 6. CONFLICTS WITH EXISTING UTILITIES DISCOVERED DURING CONSTRUCTION SHALL BE CALLED TO THE ATTENTION OF THE CITY AND RESOLVED PRIOR TO PROCEEDING.
- 7. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR/DEVELOPER TO HAVE THE SERVICE LINE VISIBLE AND ACCESSIBLE WHEN REQUESTING THE INSTALLATION OF A WATER METER OR A FINAL INSPECTION
- ONLY CITY FORCES ARE AUTHORIZED TO OPEN AND CLOSE WATER VALVES CONNECTED TO THE SYSTEM.
- 9. LOCATION OF ALL WATER VALVES MUST BE REFERENCED AT ALL TIMES DURING CONSTRUCTION AND MADE AVAILABLE TO THE WATER SERVICES DEPARTMENT.
- 10. ALL MATERIALS WHICH MAY COME IN CONTACT WITH DRINKING WATER SHALL CONFORM TO THE NATIONAL SANITATION FOUNDATION STANDARDS 60 AND 61.
- 11. THRUST BLOCKS SHALL BE INSTALLED AT ALL VALVES, FIRE HYDRANTS AND FITTINGS WHERE THERE IS A CHANGE IN SIZE OR DIRECTION UNLESS APPROVAL IS OBTAINED FROM THE CITY. 12. THE CONTRACTOR SHALL PLACE AN "OUT OF SERVICE" DISK ON ALL NEW HYDRANT INSTALLATIONS UNTIL THE WATER LINES HAVE
- PASSED ALL BACTERIOLOGICAL TESTS AND HAVE BEEN ACCEPTED BY THE CITY. 13. ALL PROCEDURES FOR TESTING, FLUSHING AND DISINFECTION MUST BE DONE IN ACCORDANCE TO CHAPTER 6 OF THE CITY'S DESIGN
- STANDARDS. 14. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING CUSTOMERS IN WRITING THAT THEY WILL BE OUT OF WATER AT LEAST 24-HOURS IN ADVANCE OF ANY WATER MAIN SHUTDOWN.
- 15. NO PERSON SHALL USE ANY MECHANICAL EQUIPMENT FOR CLEARING, GRUBBING, ROAD CONSTRUCTION, TRENCHING, EXCAVATING, DEMOLITION OR ENGAGE IN ANY EARTHMOVING ACTIVITY WITHOUT FIRST OBTAINING A DUST CONTROL PERMIT FROM AIR POLLUTION CONTROL, MARICOPA COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES.
- 16. ANY EXISTING WATER LINES AND WATER SERVICE LINES TO THE PROPERTY THAT WILL NOT BE USED MUST BE ABANDONED BY THE DEVELOPER PER CHAPTER 6 EVEN IF DISCOVERED DURING CONSTRUCTION.

CITY OF GLENDALE GENERAL NOTES FOR STREET CONSTRUCTION

- 1. THE DEVELOPER/CONTRACTOR IS RESPONSIBLE FOR PAYING PERMIT FEES PRIOR TO CONSTRUCTION OF ANY STREET
- 2. THE PAVING CONTRACTOR IS RESPONSIBLE FOR OBTAINING WATER AND SEWER AS-BUILT PLANS BEFORE START OF CONSTRUCTION TO DETERMINE THE LOCATION OF ALL EXISTING UTILITY FRAMES AND COVERS THAT MUST BE ADJUSTED TO FINISH GRADE.
- 3. THE PAYING CONTRACTOR SHALL NOT START CONSTRUCTION UNTIL CONFLICTING UNDERGROUND UTILITY CONSTRUCTION IS
- COMPLETED AND SERVICE STUBS TO ALL LOTS HAVE BEEN ADEQUATELY EXTENDED TO THE RIGHT-OF-WAY OR EASEMENT LINE. 4. IF THE EXISTING PAVEMENT DOES NOT MEET CITY REQUIREMENTS, THE DEVELOPER WILL BE REQUIRED TO REMOVE AND REPLACE
- THE PAVEMENT TO STREET CENTERLINE. THE CITY SHALL DETERMINE THE EXACT LIMITS OF PAVEMENT TO BE REMOVED AND
- 5. ALL EXISTING STREET MONUMENTS MUST BE PRESERVED. PRIOR TO CONSTRUCTION, MONUMENTS WILL BE REFERENCED HORIZONTALLY AND VERTICALLY. AFTER CONSTRUCTION, MONUMENTS SHALL BE RESET AND ANY NEW INFORMATION SHALL BE REFLECTED ON
- 6. THE MAXIMUM STAKE INTERVAL FOR GRADES OF 0.2% OR LESS SHALL BE 25 FEET FOR CONCRETE WORK AND 50 FEET FOR ASPHALT ROADWAY SECTION, EXCEPT ON HORIZONTAL OR VERTICAL CURVES WHERE A MAXIMUM STAKE INTERVAL OF 20 FEET FOR CONCRETE WORK SHALL BE REQUIRED. ALL CURB RETURNS SHALL BE STAKED AT THE P.C. AND THE MIDPOINT OF THE RETURN. NO GRADE STAKE INTERVAL SHALL EXCEED 50 FEET.
- 7. THE DEVELOPER IS RESPONSIBLE FOR THE INSTALLATION OF ALL NEW PAVEMENT MARKINGS AND THE REMOVAL OF ALL EXISTING PAVEMENT MARKING THAT ARE IN CONFLICT WITH THE NEW PAVEMENT MARKINGS.
- 8. NO PERSON SHALL USE ANY MECHANICAL EQUIPMENT FOR CLEARING, GRUBBING, ROAD CONSTRUCTION. TRENCHING, EXCAVATING. DEMOLITION OR ENGAGE IN ANY EARTHMOVING ACTIVITY WITHOUT FIRST OBTAINING A DUST CONTROL PERMIT FROM AIR POLLUTION CONTROL, MARICOPA COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES.

ENGINEER'S NOTES

- 1. MARICOPA ASSOCIATION OF GOVERNMENTS (M.A.G.) UNIFORM STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION (LATEST EDITION INCLUDING LATEST REVISION AND CURRENT SUPPLEMENTS THEREOF PER LOCAL TOWN OR CITY) ARE INCORPORATED INTO THIS PLAN IN THEIR ENTIRETY.
- 2. ALL WORK REQUIRED TO COMPLETE THE CONSTRUCTION COVERED BY THIS PLAN SHALL BE IN ACCORDANCE WITH THE M.A.G. STANDARD SPECIFICATIONS AND DETAILS AND CURRENT SUPPLEMENTS THEREOF PER THE LOCAL CITY OR TOWN UNLESS SPECIFIED OTHERWISE IN THESE PLANS OR ELSEWHERE IN THE CONTRACT DOCUMENTS. CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH ALL REQUIRED STANDARD SPECIFICATIONS, DETAILS AND SUPPLEMENTS PRIOR TO BIDDING THE WORK FOR THE CONSTRUCTION COVERED BY THIS PLAN.
- 3. THE CONTRACTOR IS RESPONSIBLE FOR ALL METHODS, SEQUENCING, AND SAFETY CONCERNS ASSOCIATED WITH THIS PROJECT DURING CONSTRUCTION, UNLESS SPECIFICALLY ADDRESSED OTHERWISE IN THIS PLAN OR ELSEWHERE IN THE CONTRACT.
- 4. THE CONTRACTOR IS TO COMPLY WITH ALL LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS APPLICABLE TO THE CONSTRUCTION
- 5. THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION OR VARIANCE FROM THESE PLANS. ANY VARIATION FROM THESE PLANS SHALL BE PROPOSED ON CONSTRUCTION FIELD PRINTS AND TRANSMITTED TO THE
- 6. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND COMPLYING WITH ALL PERMITS REQUIRED TO COMPLETE ALL WORK COVERED BY
- 6. ANY INSPECTION BY THE CITY, COUNTY OR THE ENGINEER, SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE APPLICABLE CODES AND AGENCY REQUIREMENTS.
- 7. THE QUANTITIES AND SITE CONDITIONS DEPICTED IN THESE PLANS ARE FOR INFORMATIONAL PURPOSES ONLY AND ARE SUBJECT TO ERROR AND OMISSION. CONTRACTORS SHALL SATISFY THEMSELVES AS TO ACTUAL QUANTITIES AND SITE CONDITIONS PRIOR TO BIDDING THE WORK FOR THE CONSTRUCTION COVERED BY THIS PLAN.
- 8. A REASONABLE EFFORT HAS BEEN MADE TO SHOW THE LOCATIONS OF EXISTING UNDERGROUND FACILITIES AND UTILITIES IN THE CONSTRUCTION AREA. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO UTILITIES AND/OR FACILITIES CAUSED DURING THEIR CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL CALL 48 HOURS IN ADVANCE FOR BLUE STAKE (1-800-STAKE-IT) PRIOR TO ANY EXCAVATION.
- 9. THE CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION OF CONSTRUCTION AFFECTING UTILITIES AND THE COORDINATION OF ANY NECESSARY UTILITY RELOCATION WORK.
- 10. ALL PAVING, GRADING, EXCAVATION, TRENCHING, PIPE BEDDING, CUT FILL AND BACKFILL SHALL COMPLY WITH THE RECOMMENDATIONS SET FORTH IN THE SOILS (GEOTECHNICAL) REPORT FOR THIS PROJECT (IF APPLICABLE) IN ADDITION TO THE REFERENCED REQUIRED SPECIFICATIONS AND DETAILS.
- 11. THE CONTRACTOR IS TO VERIFY THE LOCATION AND THE ELEVATIONS OF ALL EXISTING UTILITIES AT POINTS OF TIE-IN PRIOR TO COMMENCING ANY NEW CONSTRUCTION. SHOULD ANY LOCATION OR ELEVATION DIFFER FROM THAT SHOWN ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD.
- 12. CONTRACTOR TO VERIFY AND COORDINATE ALL DIMENSIONS AND SITE LAYOUT WITH ARCHITECTURE'S FINAL SITE PLAN AND FINAL BUILDING DIMENSIONS BEFORE STARTING WORK, REPORT DISCREPANCIES TO OWNER'S AGENT.
- 13. COORDINATION BETWEEN ALL PARTIES IS ESSENTIAL PART OF THE CONTRACT.

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