

ENGINEER'S NOTES

- 1. THIS SET OF CONSTRUCTION DOCUMENTS WAS PREPARED USING AN EXISTING CONDITIONS (BOUNDARY, TITLE AND/OR TOPOGRAPHIC) SURVEY PERFORMED ON OR ABOUT JANUARY 5, 2016 AND SUPPLIED BY SURVEY INNOVATION GROUP, INC., (SURVEY INNOVATION GROUP, INC. JOB NUMBER 2015-0683) . STANTEC HAS NOT FIELD VERIFIED THE ACCURACY OF THE INFORMATION PROVIDED NOR DOES STANTEC PROVIDE CERTIFICATION OF THE FIELD WORK. STANTEC RELIES UPON THE INFORMATION PROVIDED BY THE RPLS UNDER WHOSE SUPERVISION THE SURVEY WAS ISSUED TO STANTEC FOR THE DEVELOPMENT OF THESE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD OF ANY DISCREPANCIES FOUND BEFORE, DURING OR AFTER THE FIELD VERIFICATION OF CONSTRUCTION STAKING PRIOR TO THE START OF CONSTRUCTION.
2. THESE PLANS ARE SUBJECT TO THE INTERPRETATION BY OTHERS REGARDING THE INTENT OF THE ENGINEER. ALL QUESTIONS REGARDING THESE PLANS SHALL BE PRESENTED TO THE ENGINEER OF RECORD. ANYONE WHO TAKES THE INTERPRETATION OF THE DRAWINGS UPON THEMSELVES OR MAKES REVISIONS TO THE SAME WITHOUT CONSULTING WITH AND OBTAINING WRITTEN APPROVAL OF THE ENGINEER OF RECORD SHALL BE RESPONSIBLE FOR THE CONSEQUENCES OF THOSE ASSUMPTIONS.
3. THE ESTIMATED QUANTITIES SHOWN ARE FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETENESS AND ACCURACY OF A DETAILED ESTIMATE BASED ON THESE PLANS, CURRENT CODES, AND CONTRACTOR'S SITE VISIT.
4. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST MARICOPA ASSOCIATION OF GOVERNMENTS STANDARD DETAILS AND/OR SPECIFICATIONS INCLUDING ANY SUPPLEMENTS THERETO, AND ALL ADDENDA.
5. CONTRACTOR SHALL COORDINATE ALL UTILITY TRENCH BACKFILL AND SOIL PLACEMENT WITH THE DEVELOPER'S GEOTECHNICAL CONSULTANT.
6. PRIOR TO BIDDING THE WORK, THE CONTRACTOR SHALL THOROUGHLY VERIFY THE ACTUAL CONDITIONS, REQUIREMENTS OF THE WORK AND EXCESS OR DEFICIENCY IN QUANTITIES. NO CLAIMS SHALL BE MADE AGAINST THE OWNER/DEVELOPER OR ENGINEER FOR EXCESS OR DEFICIENCY OF QUANTITIES, ACTUAL OR RELATIVE.
7. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES OR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
8. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR COORDINATING THE RELOCATION OF UTILITIES, POWER POLES, ETC. LOCATIONS OF THE EXISTING UTILITIES HAVE BEEN SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
9. PRIOR TO ACCEPTANCE BY THE ENGINEER, CONTRACTOR TO PROVIDE A FIELD AS-BUILT MEASUREMENT, CERTIFIED BY A REGISTERED SURVEYOR, OF THE COMPLETED WORK SHOWING COMPLIANCE WITH THE PLANS. CERTIFICATION SHALL INCLUDE, BUT NOT LIMITED TO, MANHOLE COVER ELEVATIONS, FLOWLINES, TOPOGRAPHIC SURVEY OF THE FINISHED GRADES, AND LOCATIONS OF MANHOLE COVERS AND APPURTENANCES.
10. THE CONTRACTOR IS TO VERIFY THE LOCATION, ELEVATION, CONDITION AND PAVEMENT CROSS-SLOPE OF ALL EXISTING SURFACES AT POINTS OF TIE-IN AND MATCHING, PRIOR TO COMMENCEMENT OF GRADING, PAVING, CURB AND GUTTER OR OTHER SURFACE CONSTRUCTION. SHOULD EXISTING LOCATIONS, ELEVATIONS, CONDITION OR PAVEMENT CROSS-SLOPE DIFFER FROM THAT SHOWN ON THESE PLANS, RESULTING IN THE DESIGN INTENT REFLECTED ON THE PLANS NOT ABLE TO BE CONSTRUCTED, THE CONTRACTOR SHALL NOTIFY THE OWNER'S AGENT AND/OR ENGINEER OF RECORD IMMEDIATELY FOR DIRECTION ON HOW TO PROCEED PRIOR TO COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR ACCEPTS RESPONSIBILITY FOR ALL COSTS ASSOCIATED WITH CORRECTIVE ACTION IF THESE PROCEDURES ARE NOT FOLLOWED.
11. EXISTING UTILITIES SHOWN ON THESE PLANS HAVE BEEN LOCATED PER RECORD DRAWINGS OR ACCORDING TO INFORMATION PROVIDED BY THE AGENCY OPERATING EACH UTILITY. LOCATIONS SHOWN ARE APPROXIMATE ONLY, AND ARE NOT RELIABLE FOR CONSTRUCTION PURPOSES. CALL BLUE STAKE FOR FIELD LOCATION AT 602.263.1100. THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES ON THE SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN OR NOT ON THE DRAWINGS, SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE. EXISTING SURFACE FEATURES AND FENCING DESTROYED OR DAMAGED BY CONSTRUCTION SHALL BE REPLACED IN KIND.
12. THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION, OR VARIANCE FROM THESE PLANS. ANY VARIATIONS FROM THESE PLANS SHALL BE PROPOSED ON CONSTRUCTION FIELD PRINTS AND TRANSMITTED TO THE ENGINEER OF RECORD FOR REVIEW AND APPROVAL.
13. ANY INSPECTION BY THE TOWN, COUNTY, ENGINEER OR OTHER JURISDICTIONAL AGENCY, SHALL NOT, IN ANY WAY, RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH APPLICABLE CODES AND AGENCY REQUIREMENTS.
14. CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL STORM DRAIN PIPES, STORM WATER RETENTION PIPES AND DRAINAGE FACILITIES FROM DAMAGE DURING ALL STAGES OF CONSTRUCTION. THE DEPTH OF COVER ON THE STORM DRAIN IS DESIGN FOR FINAL GRADE. THEREFORE, EXTRA CARE SUCH AS BERMING OVER PIPES, FLAGGING OR SIGNAGE SHOULD BE USED DURING CONSTRUCTION TO MAINTAIN COVER AND/OR PROTECT THE PIPES.
15. THE ENGINEER MAKES NO REPRESENTATION OR GUARANTEE REGARDING EARTHWORK QUANTITIES OR THAT THE EARTHWORK FOR THIS PROJECT WILL BALANCE DUE TO VARYING FIELD CONDITIONS, CHANGING SOIL TYPES, ALLOWABLE CONSTRUCTION TOLERANCES AND CONSTRUCTION METHODS THAT ARE BEYOND THE CONTROL OF THE ENGINEER.
16. CONTRACTOR SHALL PROVIDE ALL MEANS NECESSARY TO MEET THE NPDES (NOI AND NOT), AND M4 PERMIT REGARDING DUST AND EROSION CONTROL. CONTRACTOR SHALL UTILIZE DUST CONTROL AND SHALL KEEP EXISTING STREETS CLEAN OF DEBRIS AND MATERIAL AT ALL TIMES DURING CONSTRUCTION.
17. ALL DEBRIS AND EXCESS MATERIAL SHALL BE REMOVED FROM THE SITE IN A MANNER NOT TO DAMAGE THE OWNER'S PROPERTY PRIOR TO ACCEPTANCE OF THE PROJECT.
18. ALL VALVE AND MANHOLE LIDS, COVERS AND/OR RINGS ARE TO BE INSTALLED FLUSH WITH FINISHED GRADE OF STREET AND PAVEMENT UNLESS OTHERWISE INDICATED.
19. PRIOR TO PLACEMENT OF CONCRETE CONTRACTOR SHALL PERFORM VERIFICATION MEASUREMENTS BY MEASURING FORMS AS PLACED. CONTRACTOR SHALL NOT INSTALL ANY CONCRETE WITH SLOPES FLATTER THAN MINIMUMS NOR STEEPER THAN MAXIMUMS NOTED ON THE PLANS.

CITY OF TEMPE GENERAL AND SITE PLAN NOTES

- 1. ALL CONSTRUCTION UNDER THE PUBLIC WORKS PERMIT SHALL CONFORM TO THE CITY OF TEMPE SUPPLEMENT TO THE MAG SPECIFICATIONS AND DETAILS, MARICOPA ASSOCIATION OF GOVERNMENTS UNIFORM STANDARD SPECIFICATIONS AND DETAILS (MAG SPECIFICATIONS AND DETAILS), AND CITY OF TEMPE TRAFFIC BARRICADE MANUAL.
2. A PERMIT ISSUED BY THE ENGINEERING DIVISION SHALL BE REQUIRED FOR ALL WORK IN THE CITY OF TEMPE RIGHT-OF-WAY. AN INVESTIGATION ASSESSMENT, IN THE AMOUNT DEFINED BY SECTION 29-19 ENGINEERING FEES, APPENDIX A OF TEMPE CITY CODE, WITH BE CHARGED FOR ANY WORK WITHIN THE CITY OF TEMPE RIGHTS-OF-WAY IN WHICH A PERMIT HAS NOT BEEN ISSUED PRIOR TO COMMENCEMENT OF WORK.
3. THE CITY SHALL BE NOTIFIED PRIOR TO ANY CONSTRUCTION WORK. CALL THE ENGINEERING REQUEST LINE AT (480) 350-8072 AT LEAST ONE BUSINESS DAY BEFORE START OF CONSTRUCTION TO REQUEST INSPECTIONS. CONSTRUCTION WORK CONCEALED WITHOUT INSPECTION BY THE CITY SHALL BE SUBJECT TO EXPOSURE AT CONTRACTOR'S EXPENSE.
4. RIGHT OF WAY IMPROVEMENTS SHALL NOT BE ACCEPTED UNTIL 3 MIL MINIMUM DOUBLE MATTE BLACK LINE MYLAR REPRODUCIBLE "AS-BUILT" PLANS HAVE BEEN SUBMITTED TO AND APPROVED BY THE ENGINEERING DIVISION.
5. LOCATION OF ALL WATER VALVES, MANHOLES, AND CLEANOUTS MUST BE REFERENCED AT ALL TIMES DURING CONSTRUCTION AND MADE AVAILABLE TO THE WATER UTILITIES DIVISION.
6. NO JOB WILL BE CONSIDERED COMPLETE UNTIL ALL CURBS, PAVEMENT, AND SIDEWALKS HAVE BEEN SWEPT CLEAN OF ALL DIRT AND DEBRIS AND ALL SURVEY MONUMENTS ARE INSTALLED ACCORDING TO THE PLANS.
7. THE CITY WILL NOT PARTICIPATE IN THE COST OF CONSTRUCTION, UTILITY RELOCATION, CONSTRUCTION STAKING, OR "AS-BUILT" PLANS.
8. ALL EXISTING STREET MONUMENTS MUST BE PRESERVED. PRIOR TO CONSTRUCTION, MONUMENTS WILL BE REFERENCED HORIZONTALLY AND VERTICALLY. AFTER CONSTRUCTION, MONUMENTS SHALL BE RESET AND FIELD NOTES, INCLUDING NEW ELEVATION, SHALL BE FILED WITH THE CITY.
9. FIRE RISER, DETAILS AND FDC ARE FOR REFERENCE ONLY AND ARE NOT APPROVED ON THESE DRAWINGS. FIRE SPRINKLER PLANS MUST BE SUBMITTED FOR SEPARATE FIRE DEPARTMENT REVIEW AND APPROVAL.
10. ALL OVERHEAD UTILITY LINES (OTHER THAN TRANSMISSION LINES 12.5KV OR GREATER) ON OR ADJACENT TO THE SITE, INCLUDING STREET OR ALLEY CROSSINGS, SHALL BE PLACED UNDERGROUND PER CITY CODE SECTION 25-120 THROUGH SECTION 25-126 AND ORDINANCE NO. 88.85.
11. ALL ON-SITE PRIVATE UTILITIES AND DETAILS SHOWN IN THESE PLANS ARE FOR REFERENCE ONLY AND ARE NOT APPROVED ON THESE DRAWINGS. SEE PLANS THAT ARE APPROVED BY BUILDING SAFETY FOR ON-SITE PRIVATE UTILITIES.
12. 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. IT IS THE RESPONSIBILITY OF THE PROFESSIONAL ENGINEER SEALING AND SIGNING THESE PLANS TO BE CERTAIN THAT THEY ARE IN FULL COMPLIANCE WITH TEMPE STANDARDS, DETAILS, CRITERION, LAWS AND ORDINANCES.
13. THE CITY DOES NOT WARRANT ANY QUANTITIES SHOWN ON THESE PLANS.
14. THE CITY APPROVAL IS FOR GENERAL LAYOUT IN THE RIGHT-OF-WAY, ON-SITE GRADING, DRAINAGE, WATER AND SEWER. THIS PLAN CHECK APPROVAL IS VALID FOR A PERIOD OF ONE YEAR FROM THE APPLICATION DATE. CONSTRUCTION PERMITS SHALL BE OBTAINED DURING THIS PERIOD OR THE PLANS SHALL BE RESUBMITTED FOR REVIEW AND APPROVAL. ONE 6 MONTH EXTENSION MAY BE GRANTED UPON REQUEST IF THE REQUEST IS MADE PRIOR TO THE EXPIRATION OF THE ONE YEAR PERIOD AT A COST OF 26% OF THE TOTAL PLAN CHECK FEE. PERMITS MUST THEN BE ISSUED WITHIN 6 MONTHS AND THEY WILL BE VALID FOR ONE YEAR FROM ISSUE DATE, OTHERWISE, THE PROJECT EXPIRES AND PERMITS ARE VOIDED.
15. AN APPROVED SET OF PLANS SHALL BE AVAILABLE ON THE JOB SITE AT ALL TIMES.
16. CONSTRUCTION ITEMS SHALL NOT BE ACCEPTED UNTIL 3 MIL MINIMUM DOUBLE MATTE BLACK LINE MYLAR REPRODUCIBLE "AS-BUILT" PLANS HAVE BEEN SUBMITTED TO AND APPROVED BY THE ENGINEERING DIVISION.
17. THE DEVELOPER IS RESPONSIBLE FOR THE REMOVAL OR RELOCATION OF ALL OBSTRUCTIONS WITHIN THE RIGHT-OF-WAY PRIOR TO STARTING NEW CONSTRUCTION.
18. THE DEVELOPER IS RESPONSIBLE FOR ARRANGING THE RELOCATION AND ASSOCIATED COSTS OF ALL UTILITIES. A UTILITY RELOCATION SCHEDULE SHALL BE SUBMITTED PRIOR TO THE START OF NEW CONSTRUCTION.
19. THE DEVELOPER IS RESPONSIBLE FOR OBTAINING OR DEDICATING ALL REQUIRED RIGHTS-OF-WAY AND EASEMENTS TO THE CITY PRIOR TO APPROVAL OF IMPROVEMENT PLANS.
20. THE CONTRACTOR SHALL CONTACT ARIZONA BLUE STAKE AT 602-263-1100 AT LEAST 2 WORKING DAYS PRIOR TO CONSTRUCTION, IN ACCORDANCE WITH A.R.S. §40-360.21, ET SEQ.
21. THE CONTRACTOR SHALL BARRICADE CONSTRUCTION SITES AT ALL TIMES PER THE CITY OF TEMPE TRAFFIC BARRICADE MANUAL. WHEN REQUIRED BY THE CITY, A TRAFFIC CONTROL PLAN SHALL BE SUBMITTED FOR APPROVAL IN ADVANCE OF CONSTRUCTION.
22. THE CONTRACTOR MAY OBTAIN A FIRE HYDRANT METER FOR CONSTRUCTION WATER FROM CUSTOMER SERVICES. THIS METER SHOULD BE ORDERED TWO WORKING DAYS PRIOR TO THE START OF CONSTRUCTION. THE UNLAWFUL REMOVAL OF WATER FROM A FIRE HYDRANT IS A VIOLATION OF THE MUNICIPAL CODE, PUNISHABLE BY FINE AND/OR IMPRISONMENT.
23. ALL BROKEN OR DISPLACED EXISTING CONCRETE CURB, GUTTER, OR SIDEWALK SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE CITY OF TEMPE ENGINEERING DIVISION INSPECTOR.
24. ALL CITY FACILITIES, ALLEYS AND ROADWAY SURFACES DAMAGED BY DEVELOPER/CONTRACTOR DURING CONSTRUCTION SHALL BE REPAIRED/RESTORED TO THE SATISFACTION OF THE CITY OF TEMPE ENGINEERING DIVISION INSPECTOR PER THE RESPECTIVE CITY AND/OR MAG STANDARD DETAIL.

CITY OF TEMPE SEWER, WATER AND UTILITY PLAN NOTES

- 1. THE CONTRACTOR SHALL UNCOVER ALL EXISTING LINES BEING TIED INTO TO VERIFY THEIR LOCATION, SIZE, MATERIAL TYPE, ETC. PRIOR TO CONSTRUCTION OF NEW LINES. THE CONTRACTOR WILL LOCATE OR HAVE LOCATED ALL EXISTING UNDERGROUND PIPELINES, TELEPHONE AND ELECTRIC CONDUITS, AND STRUCTURES IN ADVANCE OF CONSTRUCTION AND WILL OBSERVE ALL POSSIBLE PRECAUTIONS TO AVOID DAMAGE TO SAME. CALL BLUE STAKE AT 602-263-1100.
2. SUMMITS IN WATER LINES SHALL BE LOCATED AT FIRE HYDRANTS.
3. BACKFILLING SHALL NOT BE STARTED UNTIL LINES RE APPROVED BY THE ENGINEERING DIVISION.
4. IF A BACKFLOW PREVENTION ASSEMBLY IS REQUIRED TO BE INSTALLED, THE CONTRACTOR WILL CALL THE DEVELOPMENT SERVICES DEPARTMENT AT 480-350-8341 FOR AN INSPECTION BEFORE BACKFILLING THE ASSEMBLY.
5. ALL PUBLIC WATER LINES SHALL BE PRESSURE CLASS 350 DIP, PROTECTED WITH HIGH DENSITY POLYETHYLENE CORROSION PROTECTION PER MAG SPECIFICATION 610.
6. ALL NEW WATER AND SEWER CONNECTIONS TO EXISTING LINES SHALL BE DONE ONLY BY OPEN-CUT ON MAJOR ARTERIAL STREETS, MAJOR INTERSECTIONS OR THE PRESENCE OF A MAJOR WATER OR SEWER LINE. BORED INSTALLATIONS MUST BE CLEARLY IDENTIFIED AND SPECIFICALLY APPROVED BY THE CITY ENGINEER, OR DESIGNEE.
7. ALL ON-SITE SEWER SYSTEMS ARE CONSIDERED PRIVATE UNLESS OTHERWISE NOTED ON PLANS AND MUST BE APPROVED BY THE CITY OF TEMPE BUILDING SAFETY DIVISION OF THE DEVELOPMENT SERVICES DEPARTMENT.
8. IN ACCORDANCE WITH AAC R18-4-119, ALL MATERIALS ADDED AFTER JANUARY 1, 1993, WHICH MAY COME INTO CONTACT WITH DRINKING WATER SHALL CONFORM TO NATIONAL SANITATION FOUNDATION STANDARDS 80 AND 61.
9. ALL MANHOLE INSTALLATIONS SHALL BE COMPLETE IN PLACE INCLUDING ALL EXCAVATION, BACKFILL, SWEEPS, AND CONDUITS NECESSARY TO COMPLETE THE INSTALLATION OF THE MANHOLE AND CONNECTIONS TO THE MAINLINE CONDUITS.
10. NOT APPLICABLE
11. ALL VALVES SHALL BE FLANGED TO FITTINGS, PREFERABLY TEES.
12. THRUST & ANCHOR BLOCKS PER MAG STANDARD DETAIL 301, 380 & 381.
13. ONLY THE CITY OF TEMPE WATER UTILITIES DIVISION PERSONNEL SHALL OPERATE ANY EXISTING VALVES OR ANY VALVE CONNECTING NEW WORK TO THE EXISTING CITY WATER SYSTEMS.
14. SEWER, WATER AND UTILITY IMPROVEMENTS SHALL NOT BE ACCEPTED UNTIL 3 MIL MINIMUM DOUBLE MATTE BLACK LINE MYLAR REPRODUCIBLE "AS-BUILT" PLANS HAVE BEEN SUBMITTED TO AND APPROVED BY THE ENGINEERING DIVISION.
15. WATER, STORM DRAIN & SANITARY SEWER SEPARATION/PROTECTION SHALL BE PER MAG STANDARD DETAIL 404 WITH CITY APPROVAL. THE CITY CONSIDERS STORM DRAINS TO BE "SEWER" WHEN CROSSING WATER LINES. THE CITY CONSIDERS STORM DRAINS TO BE "POTABLE WATER" WHEN CROSSING SANITARY SEWER LINES.
16. THE CONTRACTOR SHALL TAKE EVERY PRECAUTION TO PREVENT FOREIGN MATERIAL FROM ENTERING THE PIPE WHILE IT IS BEING STORED.
17. DURING INSTALLATION AND AT ALL TIMES WHEN PIPE LAYING IS NOT IN PROGRESS, THE OPEN ENDS OF THE PIPE IN THE TRENCH SHALL BE CLOSED BY A WATER-TIGHT PLUG OR OTHER MEANS APPROVED BY THE CITY OF TEMPE ENGINEERING INSPECTOR. IF IN THE OPINION OF THE CITY OF TEMPE ENGINEERING INSPECTOR THE PIPE CONTAINS DIRT THAT WILL NOT BE REMOVED DURING THE FLUSHING OPERATION, THE INTERIOR OF THE PIPE SHALL BE CLEANED AND SWABBED, AS NECESSARY, WITH A .005 OR .010 PERCENT CHLORINE SOLUTION.
18. AFTER PRESSURE TESTING AND BEFORE PLACING IN SERVICE, ALL WATER LINES SHALL BE DISINFECTED AND TESTED FOR WATER QUALITY IN ACCORDANCE WITH MAG STANDARD SPECIFICATIONS SECTION 611. IF THE WATERLINE FAILS THE CHLORINE RESIDUAL TEST OR FAILS TO MEET THE WATER QUALITY TEST MORE THAN THREE (3) TIMES, THE CITY OF TEMPE ENGINEERING INSPECTOR RESERVES THE RIGHT TO REQUIRE THE INSTALLED WATERLINE TO BE CLEANED BY PIGGING THE LINE, IN ACCORDANCE WITH STANDARD PROCEDURES, AT NO COST TO THE CITY.

PAVING NOTES

- 1. PAVEMENT AREAS SHALL BE PROOF ROLLED WITH A LOADED DUMP TRUCK OR LOADED SCRAPER TO DETECT ANY SOFT ZONES. ALL SOFT ZONES SHOULD BE UNDER CUT TO FIRM SOILS AND BACKFILLED TO THE PROPER GRADE USING THE COMPACTION REQUIREMENTS AND SELECT FILL MATERIAL.
2. PAVEMENT BASE AND THICKNESS ARE MINIMUMS.
3. FOR INFORMATIONAL PURPOSES ONLY. CONTRACTOR SHOULD CONSULT THE APPLICABLE GEOTECHNICAL INVESTIGATION PERFORMED FOR THIS PROJECT (VANN ENGINEERING INC., PROJECT NO 22882 DATED JANUARY 15, 2015.)
4. ALL JOINTS SHALL BE SEALED. PRIOR TO SEALING, THE JOINT OPENINGS SHOULD BE THOROUGHLY CLEANED OF CURING COMPOUND, RESIDUE, LATINATE, AND ANY OTHER FOREIGN MATERIAL.

PAVEMENT MARKING NOTES

FURNISH AND INSTALL PAVEMENT MARKINGS OF THE TYPE AND SIZE SHOWN ON THE PLANS AND AS REQUIRED FOR COMPLIANCE WITH GOVERNING CODES. IF NO GOVERNING CODES APPLY, THEN USE ADOT STANDARDS.

EXECUTION:

- 1. CONTRACTOR SHALL CLEAN PAVEMENT OF GREASE, DIRT, OIL, SAND, GRAVEL OR OTHER FOREIGN MATERIALS PRIOR TO APPLYING MARKINGS AS RECOMMENDED BY PAINT MANUFACTURER.
2. PAVEMENT MARKINGS SHALL BE APPLIED BY MACHINE AT A RATE OF ONE(1) GALLON/100 SQUARE FEET.
3. PAVEMENT MARKINGS SHALL NOT BE APPLIED DURING PERIODS OF EXCESS HUMIDITY OR PAVEMENT TEMPERATURES BELOW 50 DEGREES F.
4. MINIMUM LINE WIDTH IS 4 INCHES. PAVEMENT MARKINGS MUST COMPLY WITH LOCAL FIRE STANDARDS AND CURRENT ACCESSIBILITY CODE.
5. A MINIMUM OF TWO COATS SHALL BE REQUIRED.
6. CLOSE AREAS TO TRAFFIC FOR DURATION OF DRYING TIME, WHICH SHALL BE NO LESS THAN THE MINIMUM RECOMMENDED BY THE PAINT MANUFACTURER.
7. TRAFFIC PAINT SHALL BE SHERWIN WILLIAMS PRO-MAR TRAFFIC PAINT OR APPROVED EQUAL - COLOR AS SPECIFIED ON PLANS.

ROADWAY STATIONING CONTROL:

1ST STREET, STA 1+00 ESTABLISHED AT FOUND MONUMENT AT THE INTERSECTION OF 1ST STREET AND S. HARDY DRIVE.
RIO SALADO PARKWAY: STA 10+00 ESTABLISHED AT FOUND MONUMENT AT THE INTERSECTION OF RIO SALADO PARKWAY AND S. HARDY DRIVE.

GENERAL NOTES:

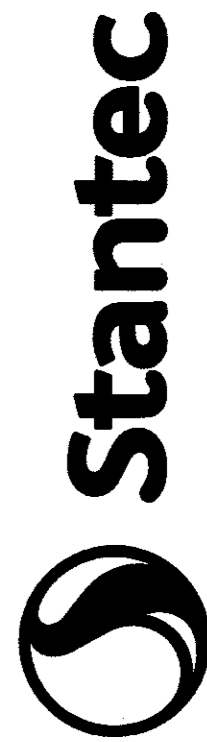
- 1. ALL EXISTING DRIVEWAYS WILL BE REMOVED AND REPLACED WITH NEW CURB AND SIDEWALK AS SHOWN HEREON.
2. LOCATION OF FIRE DEPARTMENT CONNECTION(S) (FDCs) SHALL BE SHOWN ON THE CIVIL CONSTRUCTION DOCUMENTS TO BE SUBMITTED FOR PERMITTING.
3. A SUBDIVISION PLAT WILL BE PROCESSED TO CREATE A SINGLE LOT FOR THIS PROJECT SITE.
4. THE UNDERGROUND RETENTION SYSTEM AND DRYWELLS AS SHOWN ON THE GRADING & DRAINAGE PLANS SHALL BE THE SOLE RESPONSIBILITY OF THE PROPERTY OWNER TO: (1) REGULARLY INSPECT (AT LEAST ANNUALLY), AND (2) MAINTAIN IN A CONDITION THAT WILL ALLOW THE SYSTEM TO STORE AND DISSIPATE THE TOTAL VOLUME OF STORM WATER WITHIN 36 HOURS AS SHOWN ON THE DESIGN PLANS.
THE FOREGOING RESTRICTION CANNOT BE CHANGED WITHOUT THE PRIOR WRITTEN CONSENT OF THE CITY OF TEMPE ENGINEER.
5. LOCATION AND DEPTH OF 72-INCH CITY OF PHOENIX (COP) WATER MAIN IS SHOWN ON THESE PLANS FOR REFERENCE ONLY BASED ON RECORD INFORMATION PROVIDED BY COP. EXACT DEPTH AND LOCATION OF THE EXISTING WATER MAIN IS TO BE FIELD VERIFY BY THE CONTRACTOR PRIOR TO ANY GRADING OR TRENCHING WORK BEING DONE ON SITE. NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCY IN THE LOCATION AND DEPTH OF THE COP MAIN AS REPRESENTED ON THESE PLANS.

ACCESSIBILITY NOTES

- 1. SLOPES ON ACCESSIBLE ROUTES MAY NOT EXCEED 1:20 UNLESS DESIGNED AS A RAMP.
2. THE MAXIMUM SLOPE OF A RAMP IN NEW CONSTRUCTION IS 1:12. THE MAXIMUM RISE FOR ANY RAMP RUN IS 30 IN.
3. ACCESSIBLE ROUTES MUST HAVE A CROSS-SLOPE NO GREATER THAN 1:50.
4. GROUND SURFACES ALONG ACCESSIBLE ROUTES MUST BE STABLE, FIRM, AND SLIP RESISTANT.



THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.



8211 South 48th Street
Phoenix, AZ 85044-5355
www.stantec.com

The Contractor shall verify and be responsible for all dimensions. CO VOT rules the drawing - any errors or omissions shall be reported to Stantec, without delay. The Copyright to all design and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec, is forbidden.

NOTICE OF EXTENDED CERTIFICATION AND APPROVAL PERIOD PROVISION
THIS CONTRACT ALLOWS THE OWNER TO CERTIFY AND APPROVE BILLINGS AND ESTIMATES FOR PROGRESS PAYMENTS WITHIN 28 DAYS AFTER THE BILLINGS AND ESTIMATES ARE RECEIVED FROM THE CONTRACTOR, FOR RELEASE OF RETENTION WITHIN 45 DAYS AFTER THE BILLINGS AND ESTIMATES ARE RECEIVED FROM THE CONTRACTOR AND FOR FINAL PAYMENT WITHIN 45 DAYS AFTER THE BILLINGS AND ESTIMATES ARE RECEIVED FROM THE CONTRACTOR.

NOTICE OF EXTENDED PAYMENT PROVISION
THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 20 DAYS AFTER CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES FOR PROGRESS PAYMENTS AND WITHIN 45 DAYS AFTER CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES FOR FINAL PAYMENT.

Client/Project
CRESCENT COMMUNITIES
CRESCENT RIO
801 WEST 1ST STREET, TEMPE, AZ

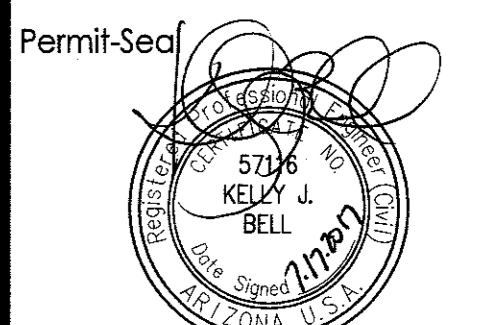


Table with columns: JJB, AKP, AKP/JJB, 17.06.09; Date, Chkd, Dsgn, YJMM,DD; Drawing No.; Revision Sheet

700 W. 1ST STREET

EN170054

DS160372